

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141677.D
 Acq On : 19 Feb 2025 16:15
 Operator : RC/JU
 Sample : Q1382-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-03-021725MS

Quant Time: Feb 19 16:43:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	95510	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	374733	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	200650	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	333707	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	180081	20.000	ng	-0.02
86) Perylene-d12	15.380	264	179352	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	565413	92.809	ng	0.00
7) Phenol-d6	6.428	99	702408	91.221	ng	-0.01
23) Nitrobenzene-d5	7.345	82	450641	62.724	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	191055	94.787	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	858709	65.934	ng	-0.01
79) Terphenyl-d14	12.880	244	861385	80.751	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	103515	42.217	ng	99
3) Pyridine	3.293	79	239019	40.965	ng	96
4) n-Nitrosodimethylamine	3.251	42	149372	38.663	ng	91
6) Aniline	6.445	93	230526	31.916	ng	# 79
8) 2-Chlorophenol	6.569	128	281209	42.718	ng	99
9) Benzaldehyde	6.334	77	121085	29.592	ng	97
10) Phenol	6.439	94	338058	42.182	ng	93
11) bis(2-Chloroethyl)ether	6.516	93	266882	44.336	ng	98
12) 1,3-Dichlorobenzene	6.722	146	296218	42.623	ng	97
13) 1,4-Dichlorobenzene	6.798	146	302151	42.553	ng	99
14) 1,2-Dichlorobenzene	6.951	146	288158	43.726	ng	98
15) Benzyl Alcohol	6.928	79	232440	39.365	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	410285	39.817	ng	75
17) 2-Methylphenol	7.045	107	211584	41.072	ng	98
18) Hexachloroethane	7.292	117	112726	42.897	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	187764	40.766	ng	95
20) 3+4-Methylphenols	7.198	107	276985	42.309	ng	98
22) Acetophenone	7.192	105	426488	45.752	ng	94
24) Nitrobenzene	7.369	77	287420	41.026	ng	97
25) Isophorone	7.604	82	510061	44.525	ng	99
26) 2-Nitrophenol	7.681	139	151108	43.353	ng	94
27) 2,4-Dimethylphenol	7.722	122	216726	53.225	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	311685	42.461	ng	99
29) 2,4-Dichlorophenol	7.928	162	232093	42.186	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	253830	42.368	ng	99
31) Naphthalene	8.086	128	795868	40.801	ng	100
32) Benzoic acid	7.863	122	149912	35.445	ng	98
33) 4-Chloroaniline	8.145	127	65872	9.672	ng	99
34) Hexachlorobutadiene	8.198	225	155138	43.134	ng	99
35) Caprolactam	8.510	113	77672m	46.369	ng	
36) 4-Chloro-3-methylphenol	8.633	107	243536	39.962	ng	99
37) 2-Methylnaphthalene	8.775	142	508670	40.074	ng	99
38) 1-Methylnaphthalene	8.875	142	489418	39.810	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	275699	47.493	ng	99
41) Hexachlorocyclopentadiene	8.928	237	255970	132.571	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	158455	42.233	ng	99

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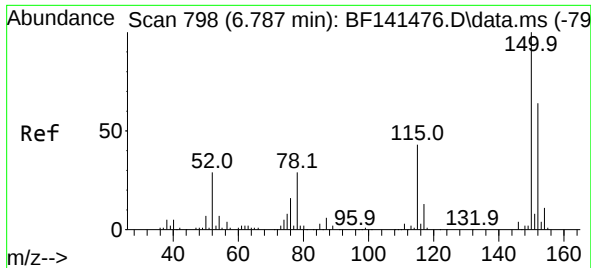
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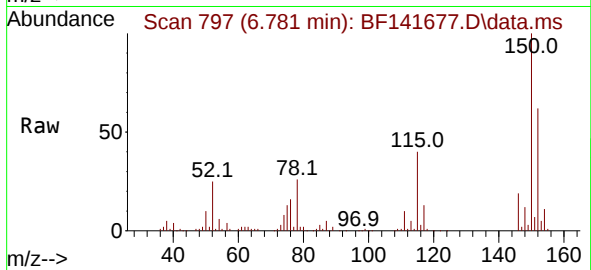
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	172303	42.375	ng	97
46) 1,1'-Biphenyl	9.239	154	727451	46.763	ng	99
47) 2-Chloronaphthalene	9.263	162	495484	43.074	ng	100
48) 2-Nitroaniline	9.363	65	156605	40.566	ng	98
49) Acenaphthylene	9.680	152	750489	43.863	ng	99
50) Dimethylphthalate	9.539	163	583488	42.835	ng	99
51) 2,6-Dinitrotoluene	9.610	165	128275	43.077	ng	94
52) Acenaphthene	9.851	154	477002	41.469	ng	100
53) 3-Nitroaniline	9.775	138	72407	22.592	ng	97
54) 2,4-Dinitrophenol	9.892	184	132098	74.641	ng	93
55) Dibenzofuran	10.022	168	678733	40.200	ng	99
56) 4-Nitrophenol	9.957	139	178716	75.117	ng	96
57) 2,4-Dinitrotoluene	10.016	165	169975	42.878	ng	96
58) Fluorene	10.363	166	549051	42.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	141640	40.460	ng	96
60) Diethylphthalate	10.239	149	554625	41.384	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	269191	42.862	ng	97
62) 4-Nitroaniline	10.392	138	126956	39.011	ng	97
63) Azobenzene	10.516	77	583356	43.784	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	91244	39.361	ng	96
66) n-Nitrosodiphenylamine	10.474	169	474000	44.373	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	164082	43.994	ng	99
68) Hexachlorobenzene	10.916	284	172971	45.039	ng	98
69) Atrazine	11.010	200	172668	53.880	ng	99
70) Pentachlorophenol	11.116	266	172106	70.085	ng	98
71) Phenanthrene	11.327	178	787129	42.851	ng	100
72) Anthracene	11.380	178	813279	44.043	ng	100
73) Carbazole	11.539	167	679047	40.870	ng	100
74) Di-n-butylphthalate	11.863	149	823729	42.937	ng	100
75) Fluoranthene	12.516	202	759782	39.014	ng	99
77) Benzidine	12.639	184	236682	59.594	ng	100
78) Pyrene	12.739	202	748472	48.825	ng	99
80) Butylbenzylphthalate	13.357	149	278634	52.476	ng	99
81) Benzo(a)anthracene	13.927	228	516135	43.117	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	106463	31.048	ng	99
83) Chrysene	13.962	228	493010	44.604	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	344616	57.545	ng	99
85) Di-n-octyl phthalate	14.527	149	488300	57.156	ng	98
87) Indeno(1,2,3-cd)pyrene	16.821	276	583545	52.657	ng	99
88) Benzo(b)fluoranthene	14.962	252	504183	41.867	ng	99
89) Benzo(k)fluoranthene	14.992	252	378196	36.778	ng	99
90) Benzo(a)pyrene	15.321	252	434893	44.630	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	475044	52.903	ng	98
92) Benzo(g,h,i)perylene	17.245	276	459907	48.943	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15

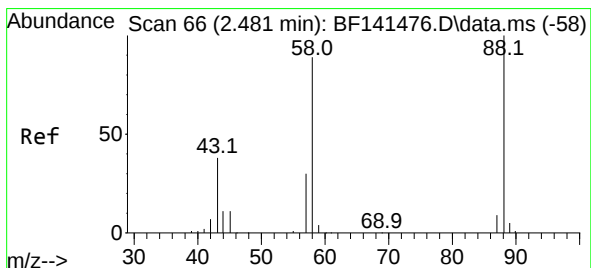
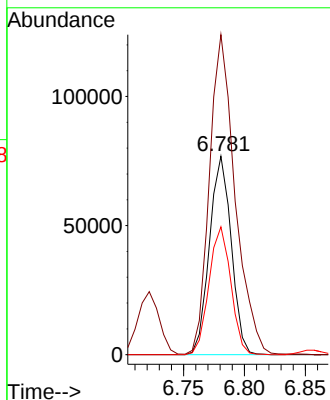
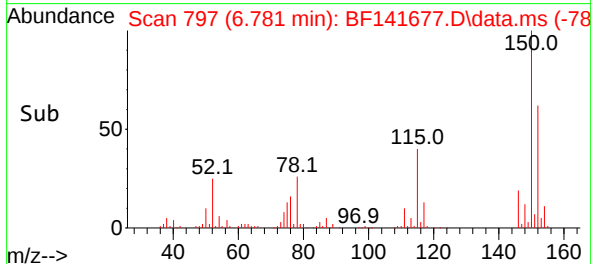
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-03-021725MS



Tgt Ion:152 Resp: 95510
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.0 187.4
 115 64.4 53.6 80.4

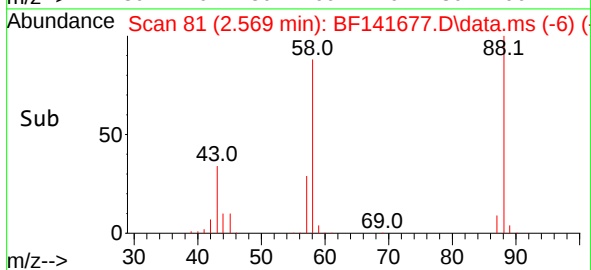
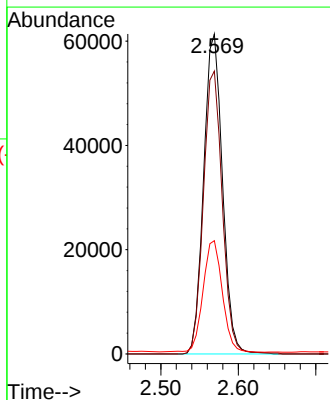
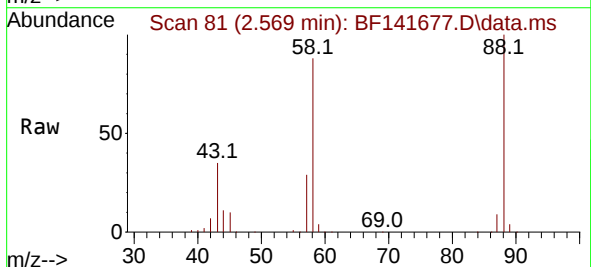
Manual Integrations
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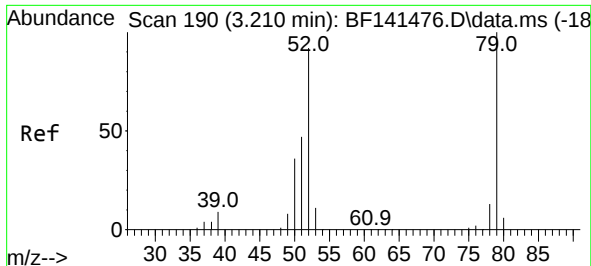
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#2
 1,4-Dioxane
 Concen: 42.217 ng
 RT: 2.569 min Scan# 81
 Delta R.T. 0.088 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15

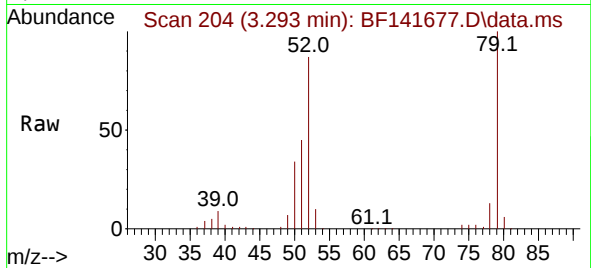
Tgt Ion: 88 Resp: 103515
 Ion Ratio Lower Upper
 88 100
 58 88.9 71.1 106.7
 43 35.7 30.6 46.0





#3
 Pyridine
 Concen: 40.965 ng
 RT: 3.293 min Scan# 204
 Delta R.T. 0.076 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15

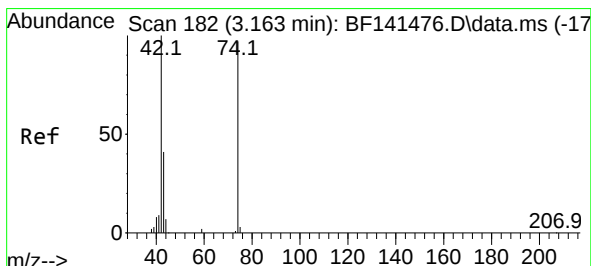
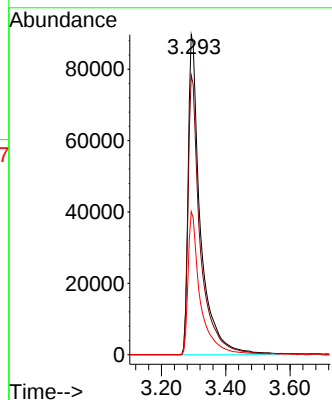
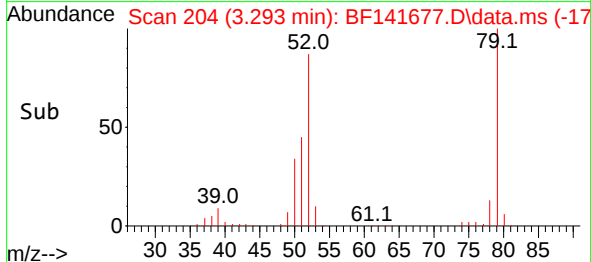
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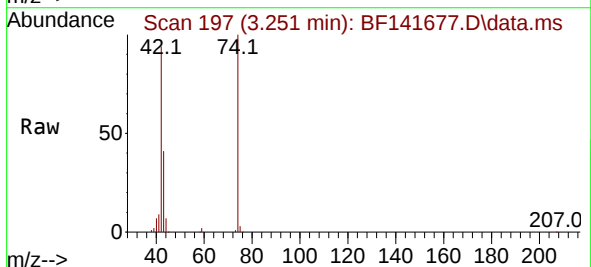
Tgt Ion: 79 Resp: 239019
 Ion Ratio Lower Upper
 79 100
 52 87.3 73.7 110.5
 51 44.7 37.5 56.3

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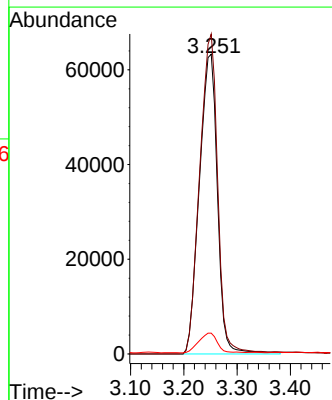
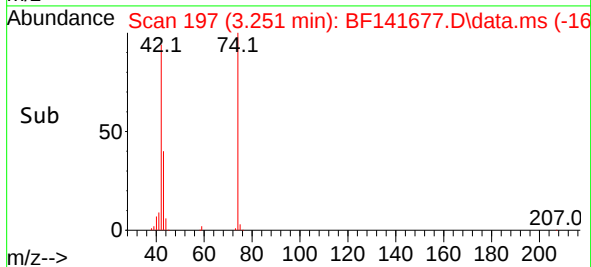
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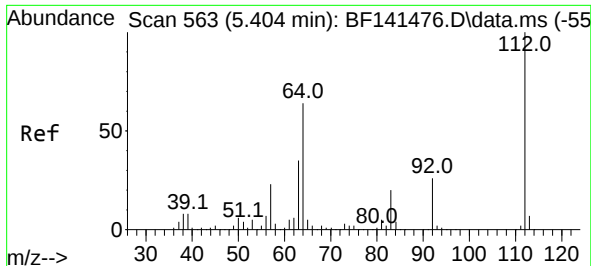


#4
 n-Nitrosodimethylamine
 Concen: 38.663 ng
 RT: 3.251 min Scan# 197
 Delta R.T. 0.065 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15



Tgt Ion: 42 Resp: 149372
 Ion Ratio Lower Upper
 42 100
 74 106.7 78.0 117.0
 44 7.0 5.4 8.2





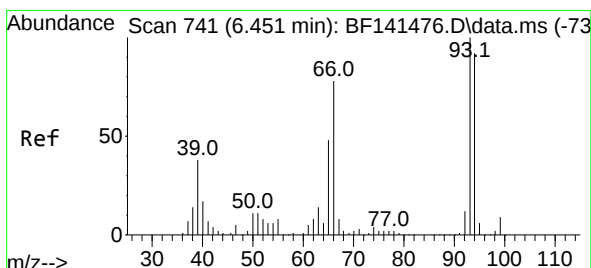
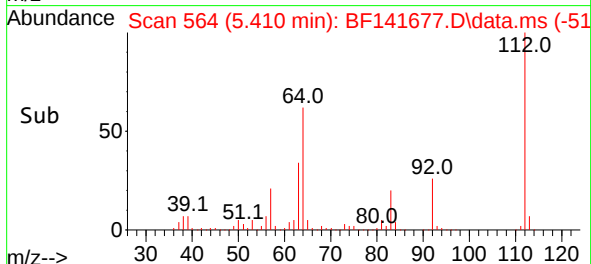
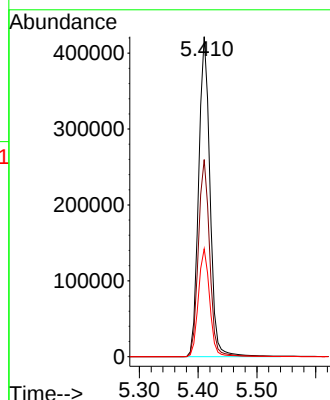
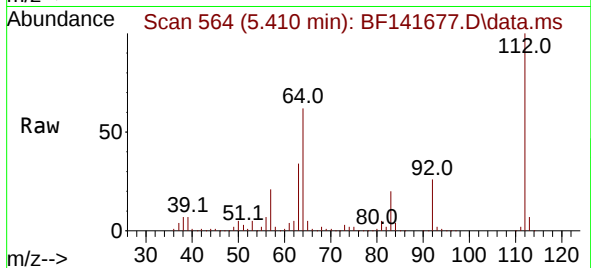
#5
2-Fluorophenol
Concen: 92.809 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

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ClientSampleId :
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Tgt Ion:112 Resp: 56541
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.7 28.4 42.6

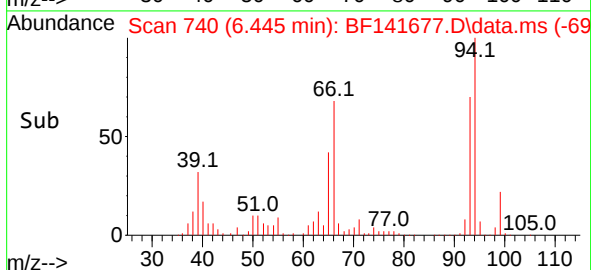
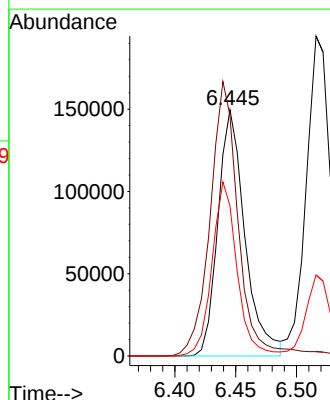
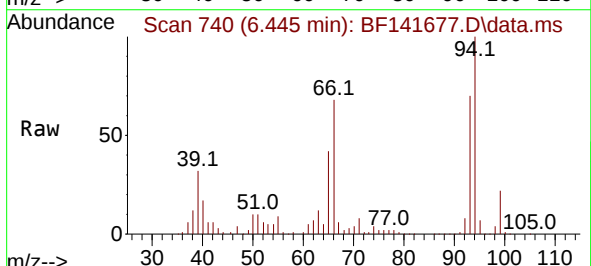
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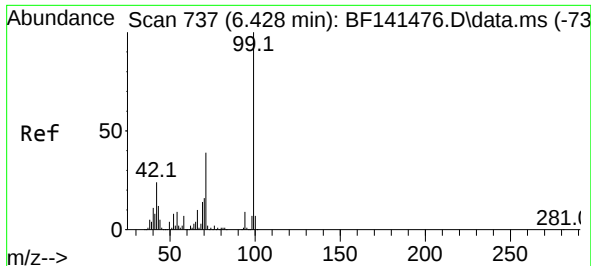
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#6
Aniline
Concen: 31.916 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

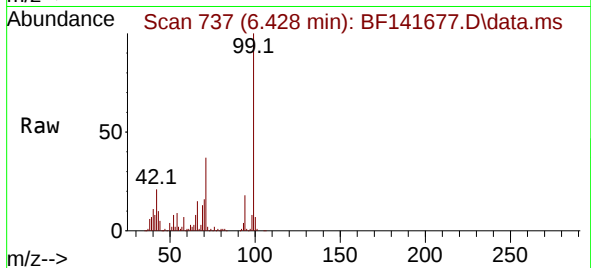
Tgt Ion: 93 Resp: 230526
Ion Ratio Lower Upper
93 100
66 97.6 62.6 94.0#
65 61.0 38.3 57.5#





#7
Phenol-d6
Concen: 91.221 ng
RT: 6.428 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

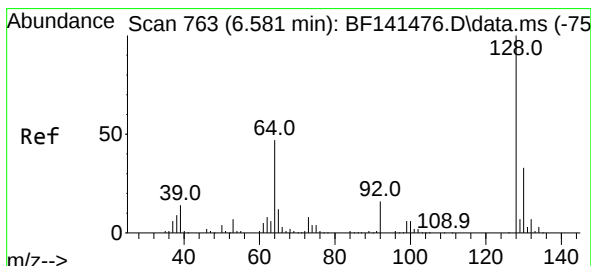
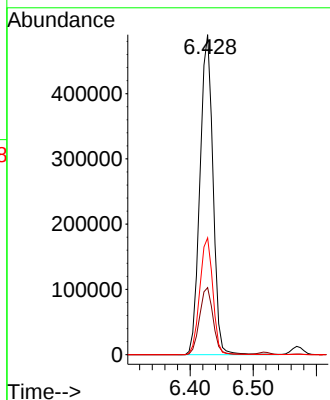
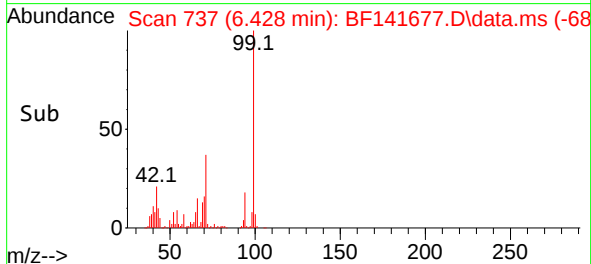
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Tgt Ion: 99 Resp: 702408
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.5 31.1 46.7

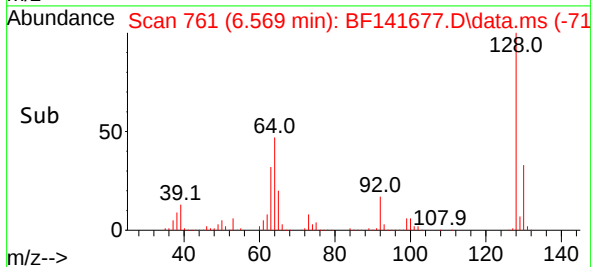
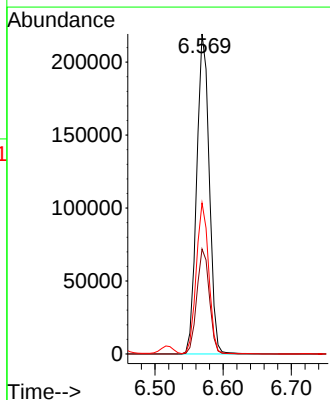
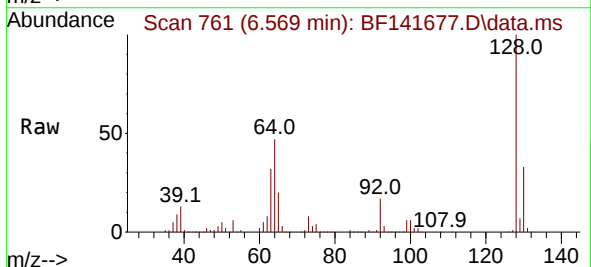
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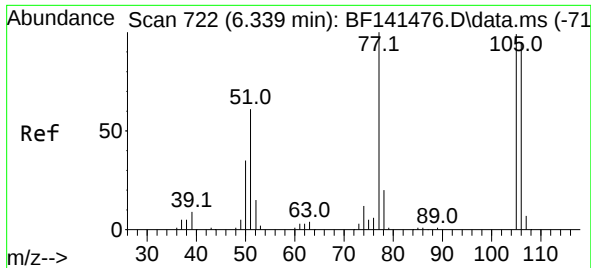
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#8
2-Chlorophenol
Concen: 42.718 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

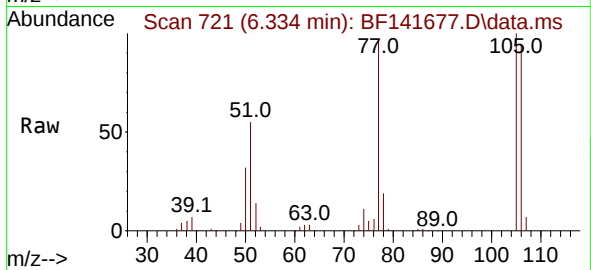
Tgt Ion:128 Resp: 281209
Ion Ratio Lower Upper
128 100
130 32.8 12.7 52.7
64 47.2 28.3 68.3





#9
Benzaldehyde
Concen: 29.592 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

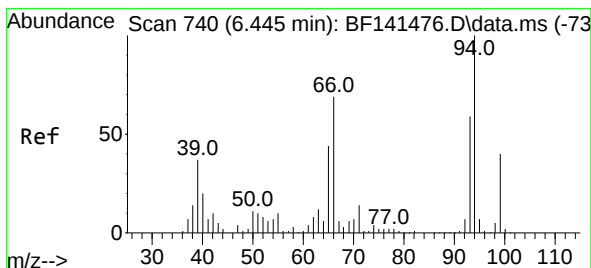
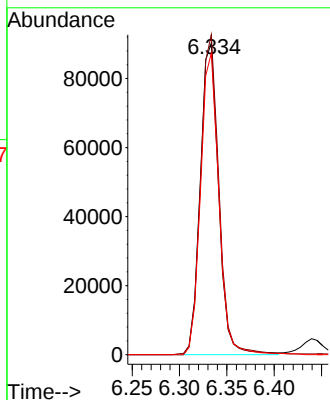
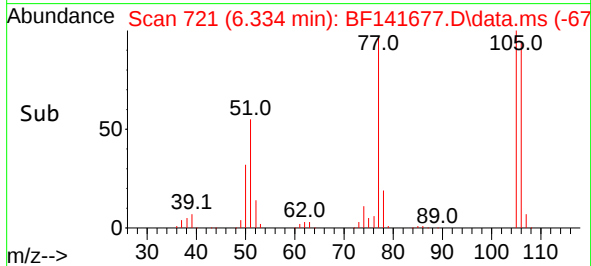
Instrument :
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Tgt Ion: 77 Resp: 121085
Ion Ratio Lower Upper
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105 102.7 79.4 119.4
106 96.8 75.1 115.1

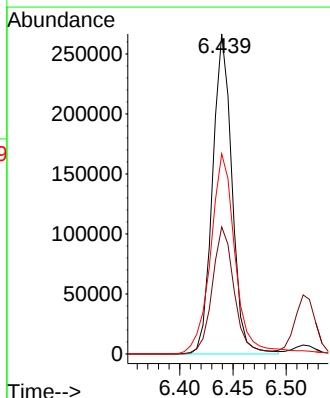
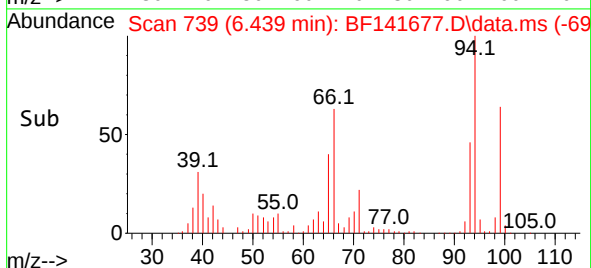
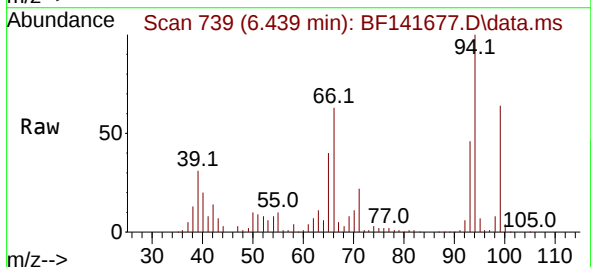
Manual Integrations
APPROVED

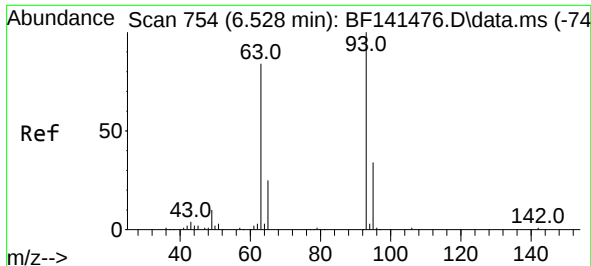
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#10
Phenol
Concen: 42.182 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

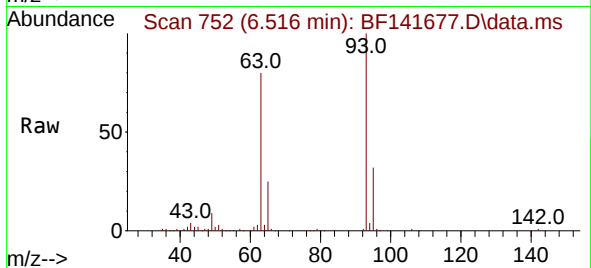
Tgt Ion: 94 Resp: 338058
Ion Ratio Lower Upper
94 100
65 39.7 23.7 63.7
66 62.6 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 44.336 ng
RT: 6.516 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

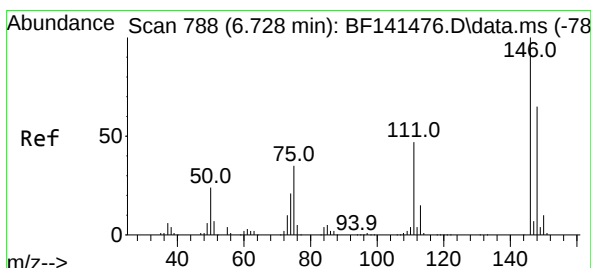
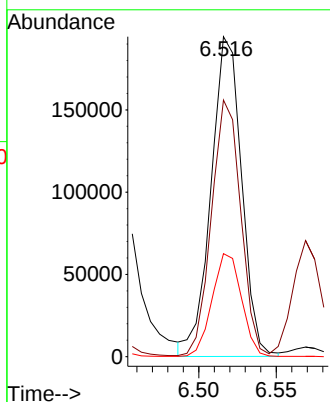
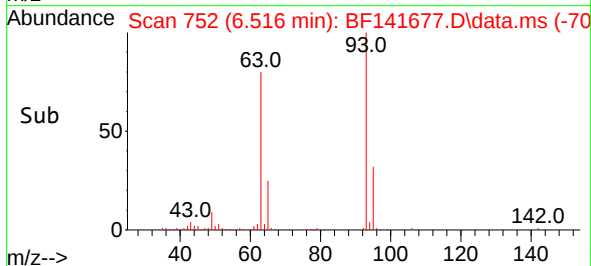
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion: 93 Resp: 26688
Ion Ratio Lower Upper
93 100
63 80.2 62.0 102.0
95 32.2 12.6 52.6

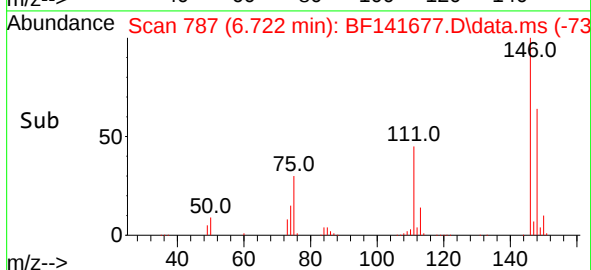
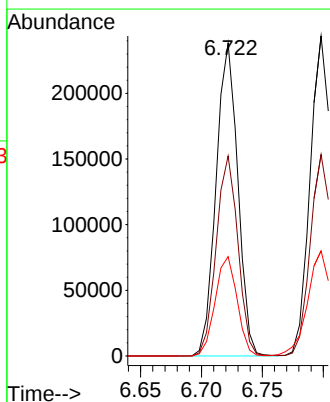
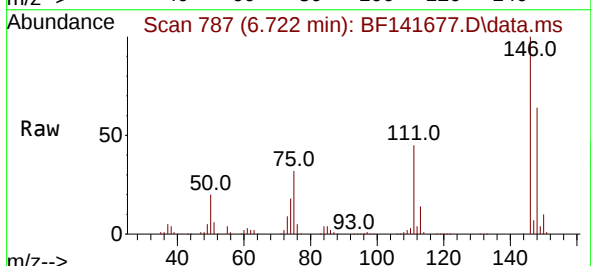
Manual Integrations
APPROVED

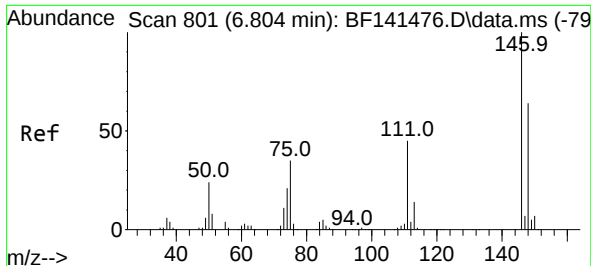
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#12
1,3-Dichlorobenzene
Concen: 42.623 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

Tgt Ion:146 Resp: 296218
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 31.8 28.2 42.2





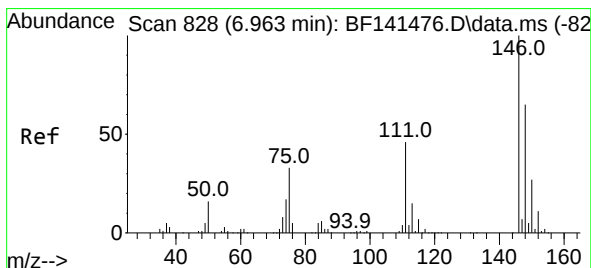
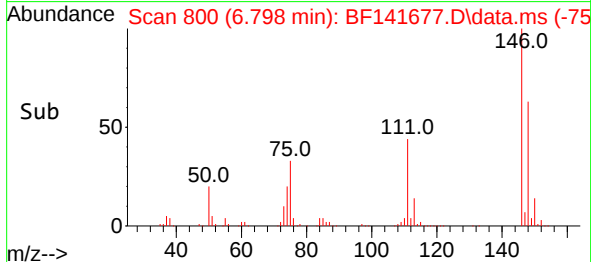
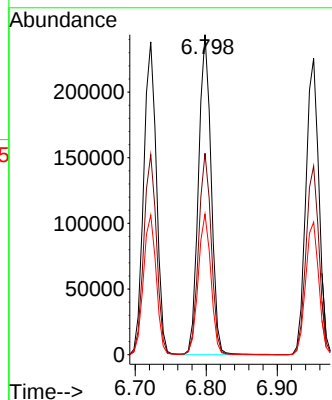
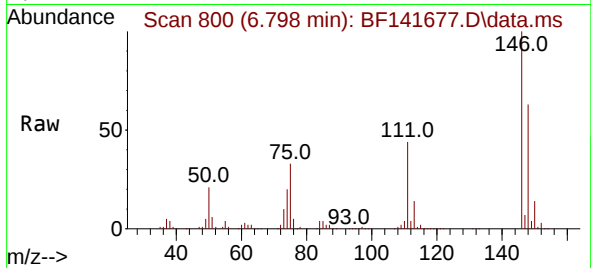
#13
1,4-Dichlorobenzene
Concen: 42.553 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS

Tgt Ion:146 Resp: 30215
Ion Ratio Lower Upper
146 100
148 62.9 50.9 76.3
111 43.9 35.9 53.9

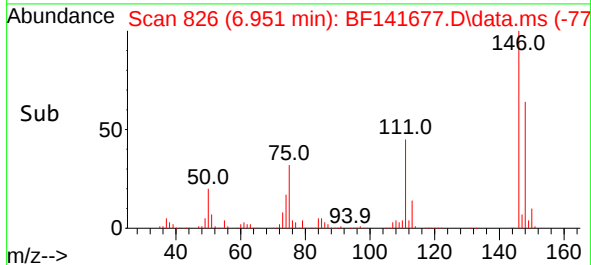
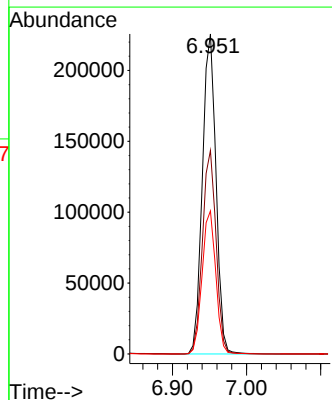
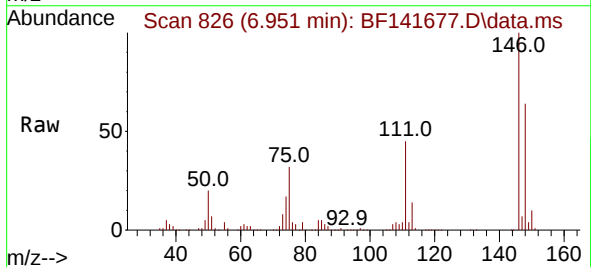
Manual Integrations
APPROVED

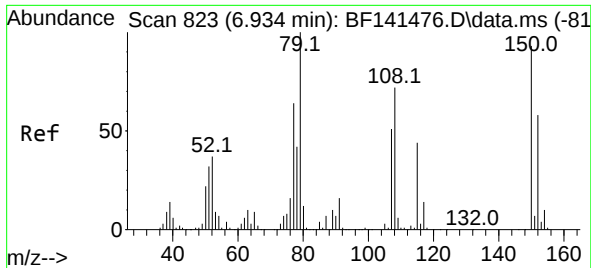
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#14
1,2-Dichlorobenzene
Concen: 43.726 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

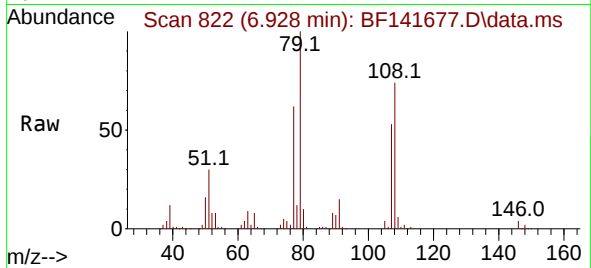
Tgt Ion:146 Resp: 288158
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
111 44.7 37.0 55.4





#15
Benzyl Alcohol
Concen: 39.365 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

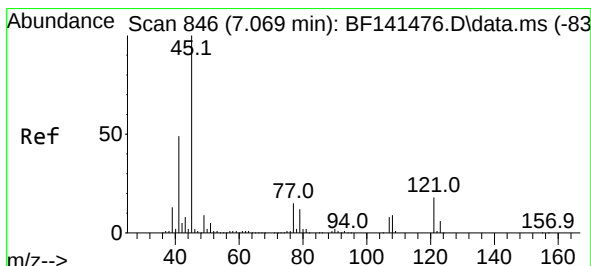
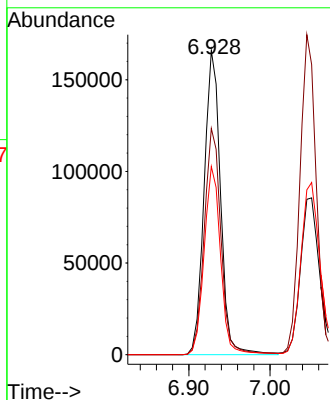
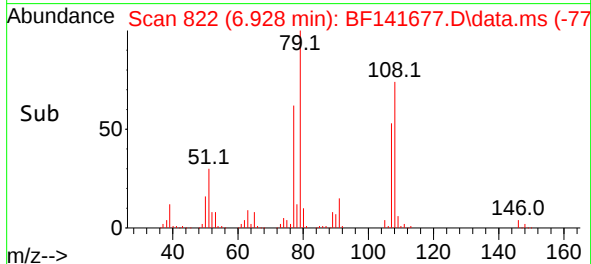
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



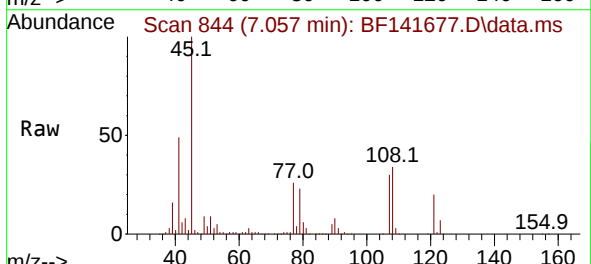
Tgt Ion: 79 Resp: 232440
Ion Ratio Lower Upper
79 100
108 74.4 57.4 86.2
77 61.9 50.9 76.3

Manual Integrations
APPROVED

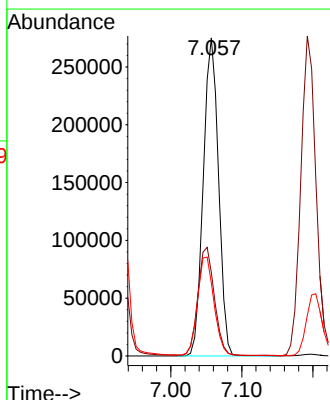
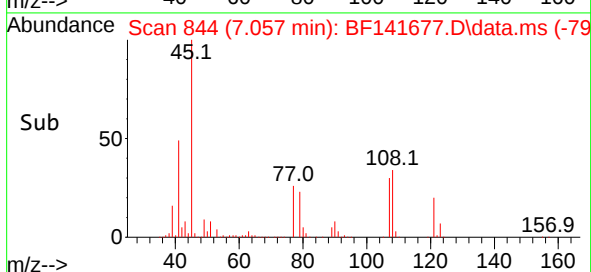
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

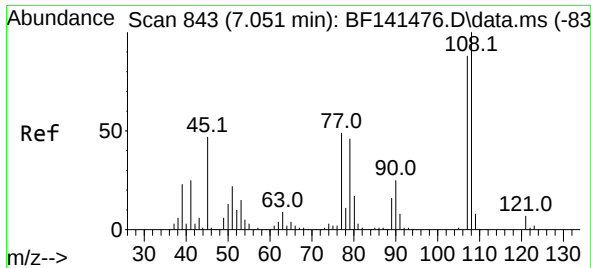


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.817 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



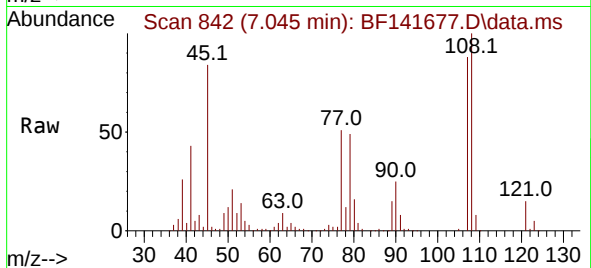
Tgt Ion: 45 Resp: 410285
Ion Ratio Lower Upper
45 100
77 26.3 0.0 35.8
79 23.0 0.0 32.7





#17
2-Methylphenol
Concen: 41.072 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

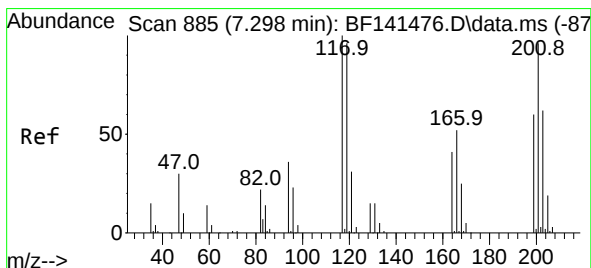
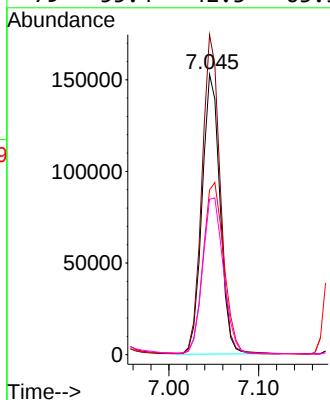
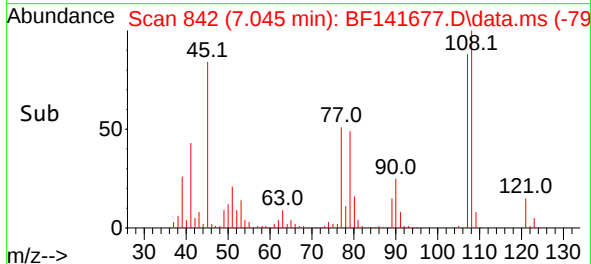
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:107 Resp: 211584
Ion Ratio Lower Upper
107 100
108 114.1 90.6 136.0
77 58.8 44.4 66.6
79 55.4 42.3 63.5

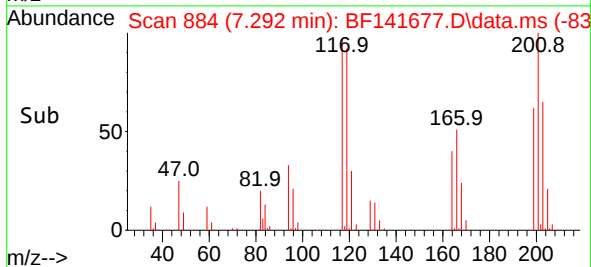
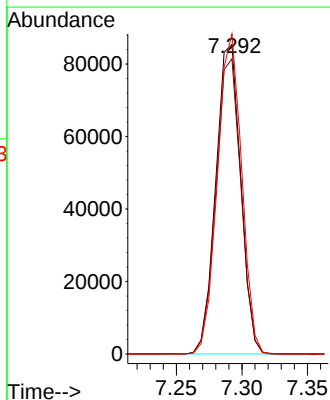
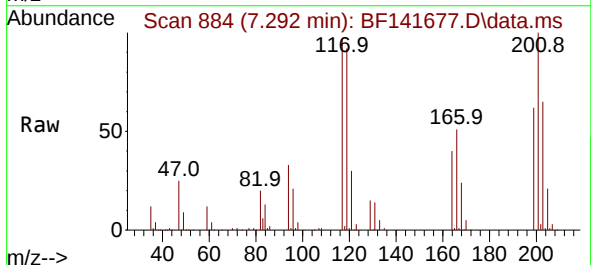
Manual Integrations
APPROVED

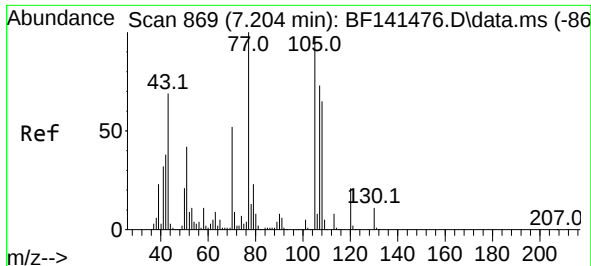
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#18
Hexachloroethane
Concen: 42.897 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

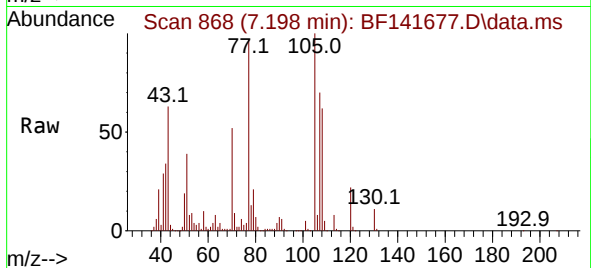
Tgt Ion:117 Resp: 112726
Ion Ratio Lower Upper
117 100
119 95.4 76.5 114.7
201 103.4 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 40.766 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

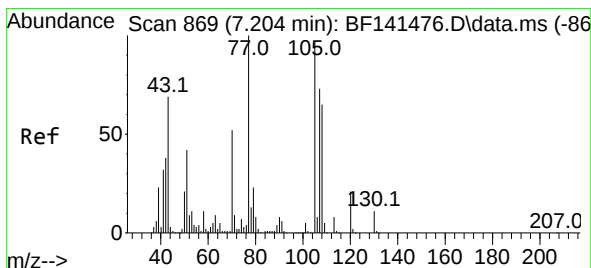
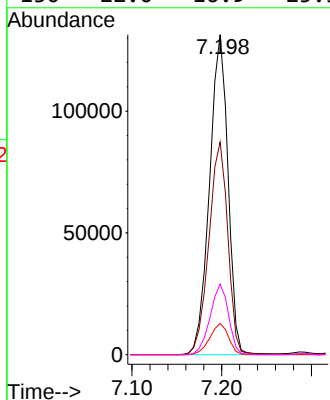
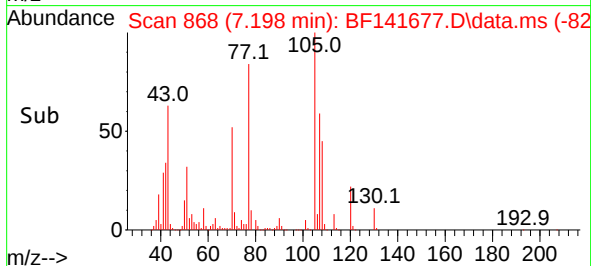
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



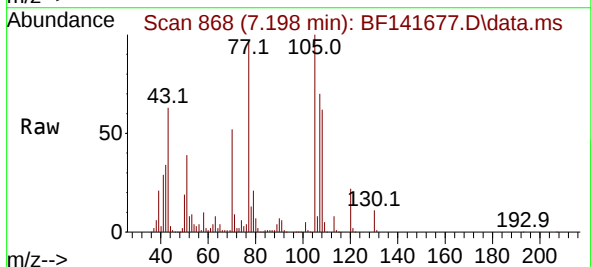
Tgt Ion: 70 Resp: 187764
Ion Ratio Lower Upper
70 100
42 66.5 57.4 86.2
101 9.8 8.0 12.0
130 22.0 16.9 25.3

Manual Integrations
APPROVED

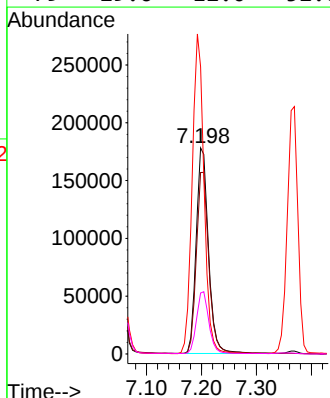
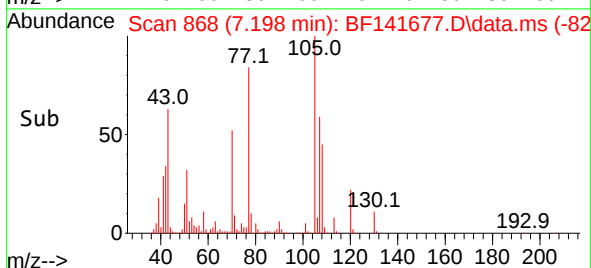
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

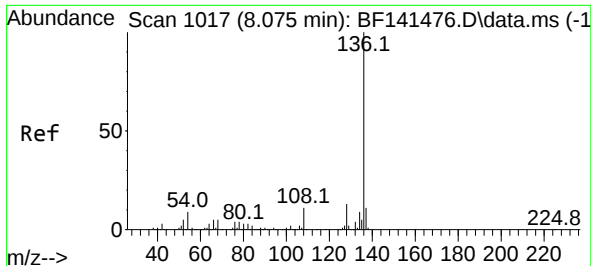


#20
3+4-Methylphenols
Concen: 42.309 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



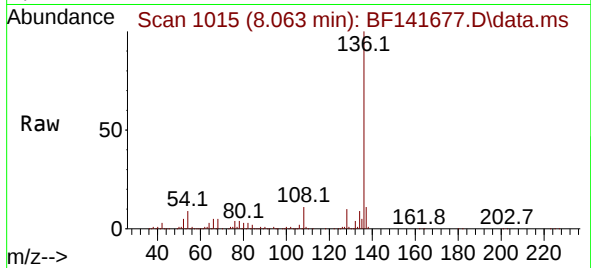
Tgt Ion:107 Resp: 276985
Ion Ratio Lower Upper
107 100
108 88.0 68.5 108.5
77 139.3 116.5 156.5
79 29.6 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

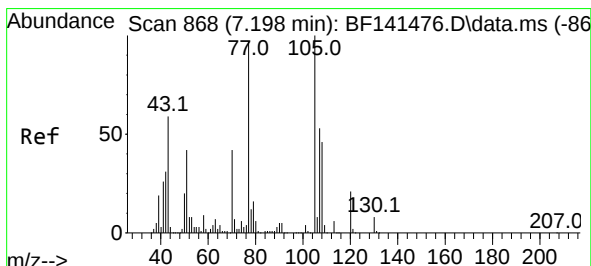
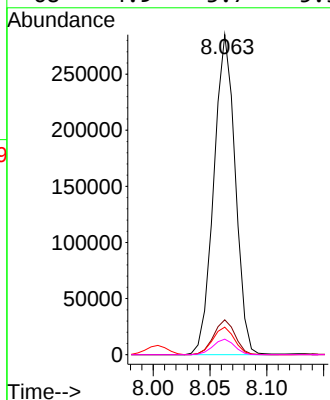
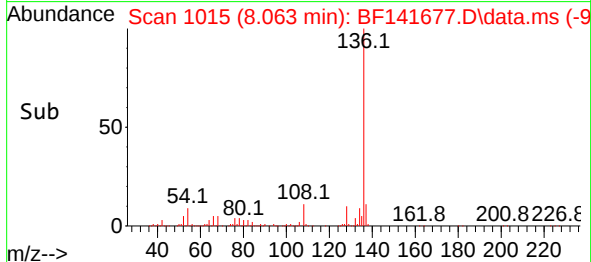
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:136 Resp: 374733
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.2 10.8
68 4.9 3.7 5.5

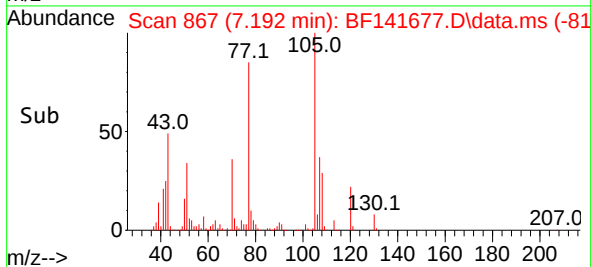
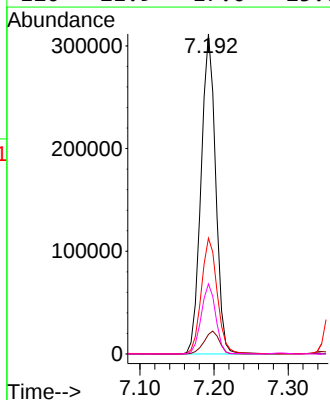
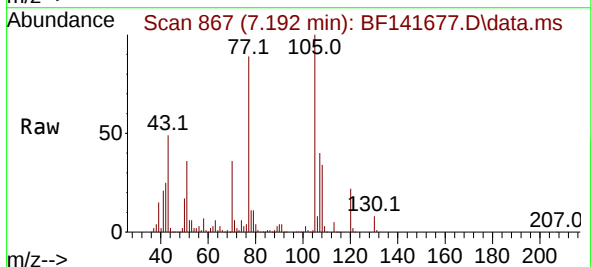
Manual Integrations
APPROVED

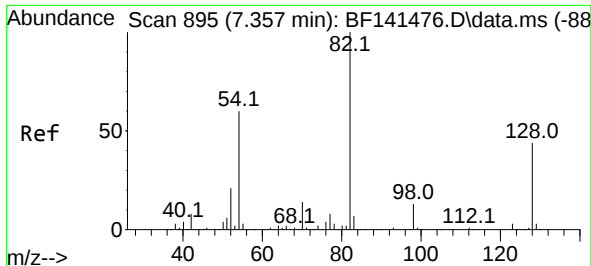
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#22
Acetophenone
Concen: 45.752 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

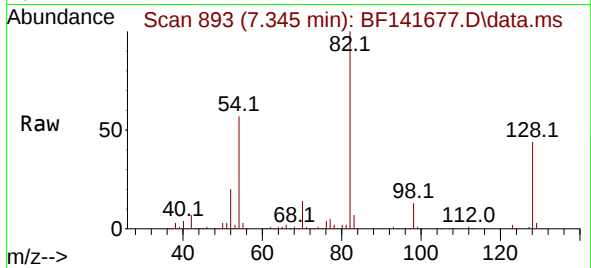
Tgt Ion:105 Resp: 426488
Ion Ratio Lower Upper
105 100
71 6.1 5.7 8.5
51 36.2 33.7 50.5
120 21.9 17.0 25.6





#23
Nitrobenzene-d5
Concen: 62.724 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

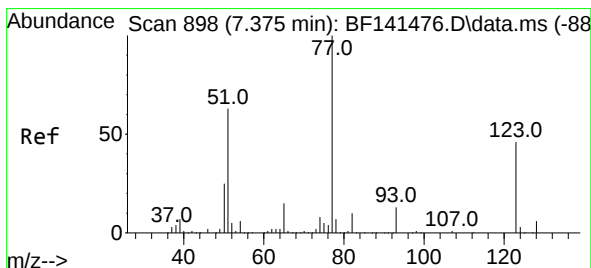
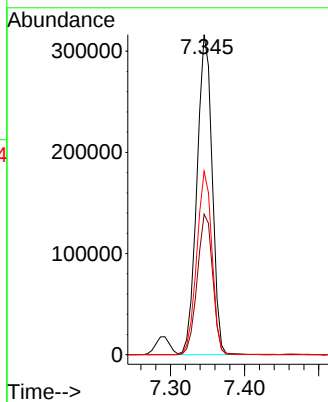
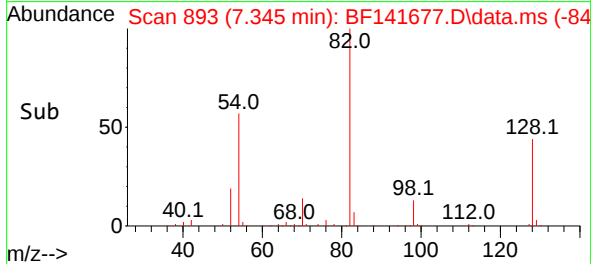
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion: 82 Resp: 45064
Ion Ratio Lower Upper
82 100
128 43.9 34.8 52.2
54 57.3 48.2 72.4

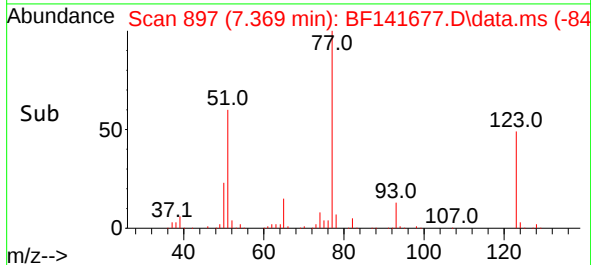
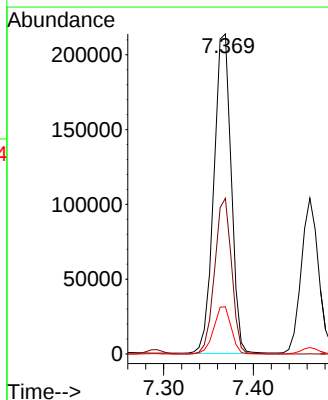
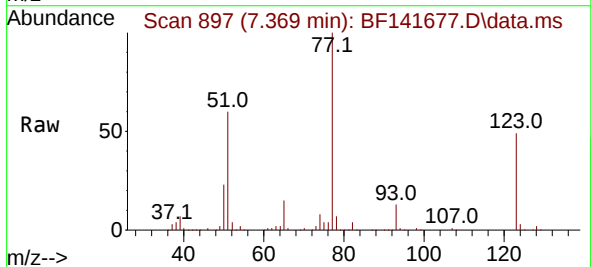
Manual Integrations
APPROVED

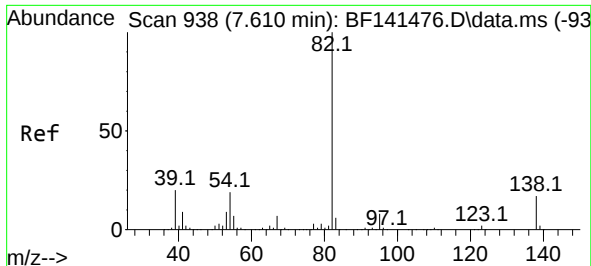
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#24
Nitrobenzene
Concen: 41.026 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

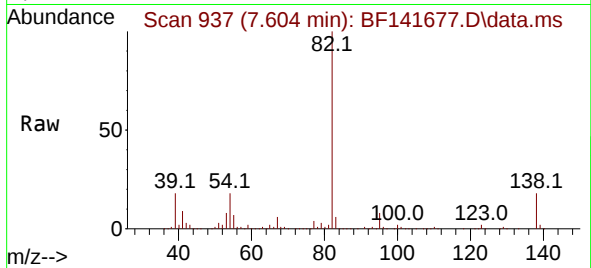
Tgt Ion: 77 Resp: 287420
Ion Ratio Lower Upper
77 100
123 48.7 36.9 55.3
65 14.8 11.9 17.9





#25
Isophorone
Concen: 44.525 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

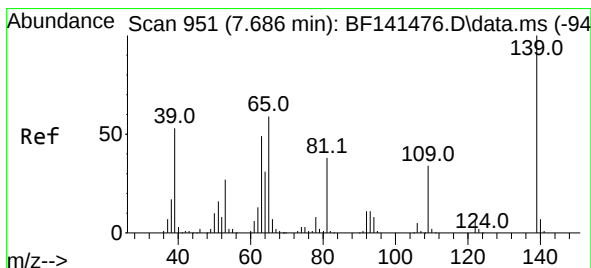
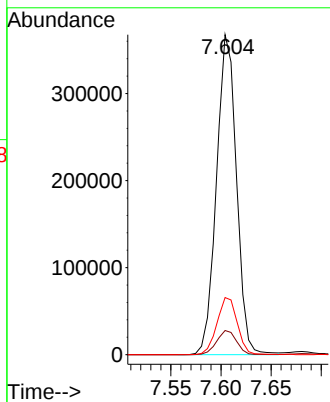
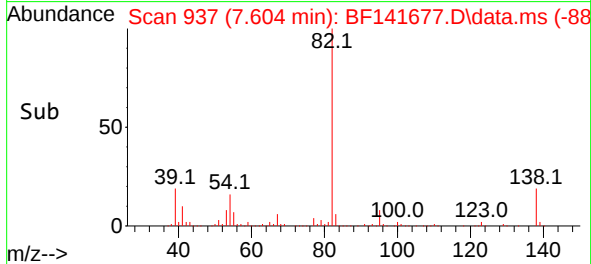
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion: 82 Resp: 51006
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 17.9 13.9 20.9

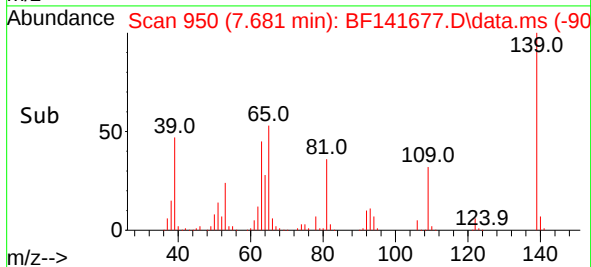
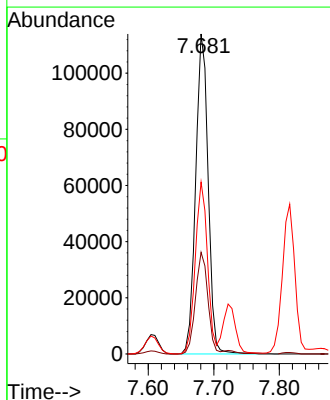
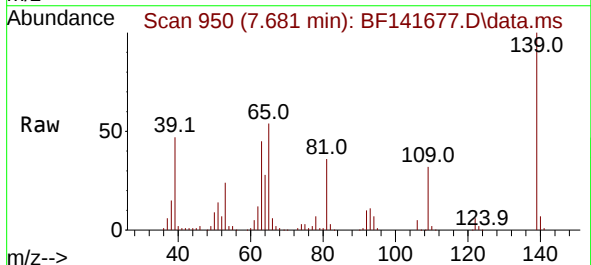
Manual Integrations
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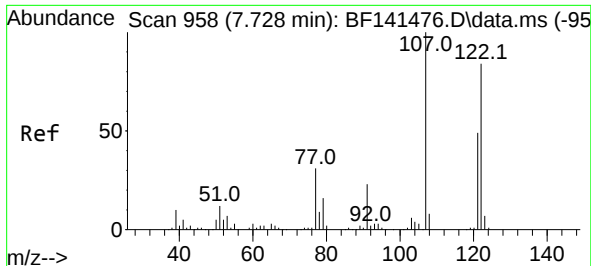
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#26
2-Nitrophenol
Concen: 43.353 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

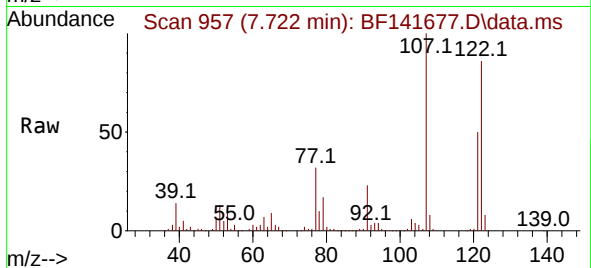
Tgt Ion:139 Resp: 151108
Ion Ratio Lower Upper
139 100
109 31.8 27.0 40.6
65 53.7 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 53.225 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

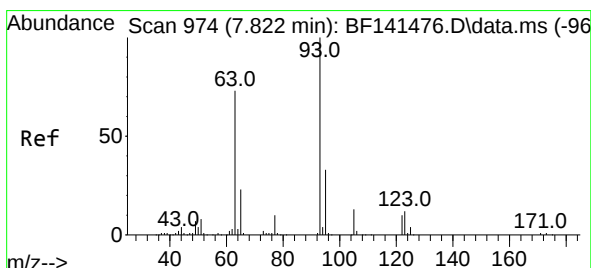
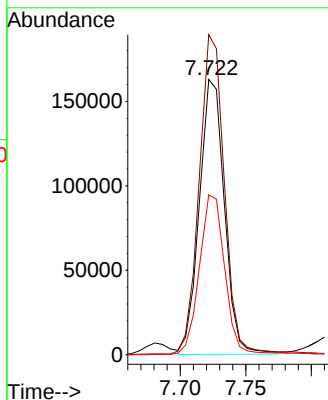
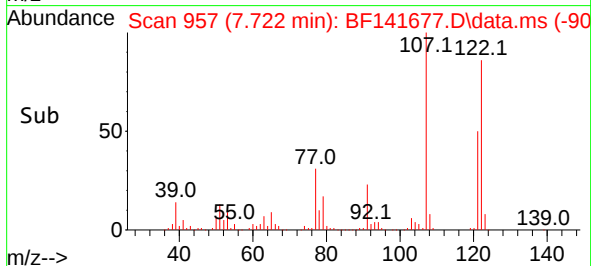
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:122 Resp: 216720
Ion Ratio Lower Upper
122 100
107 116.3 94.3 141.5
121 58.1 46.0 69.0

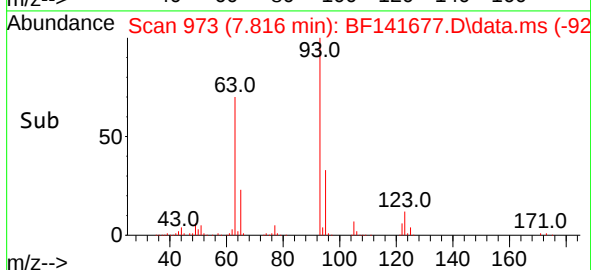
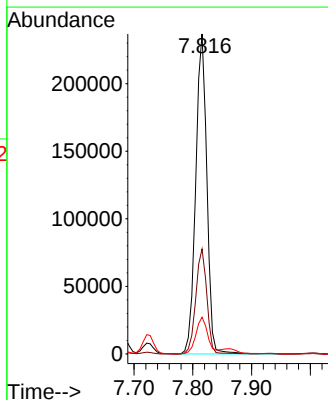
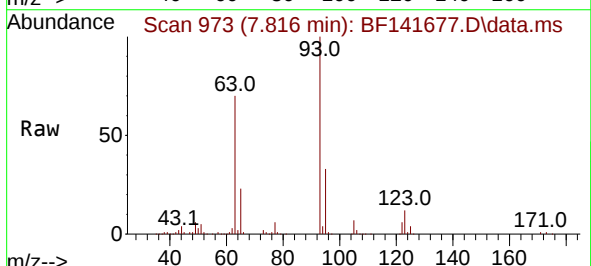
Manual Integrations
APPROVED

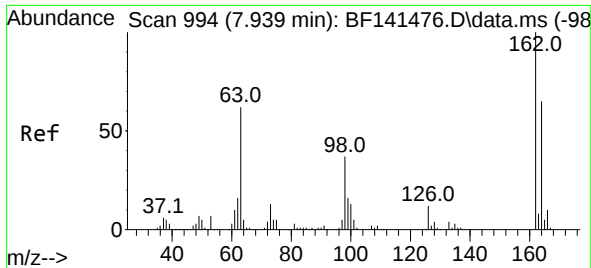
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.461 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

Tgt Ion: 93 Resp: 311685
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.186 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141677.D

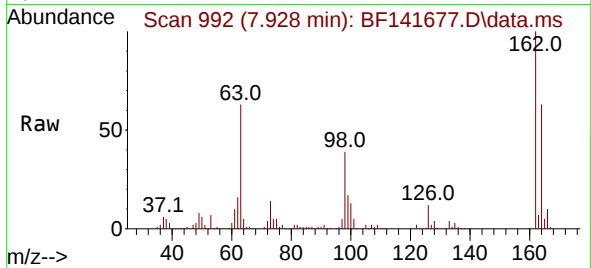
Acq: 19 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-03-021725MS



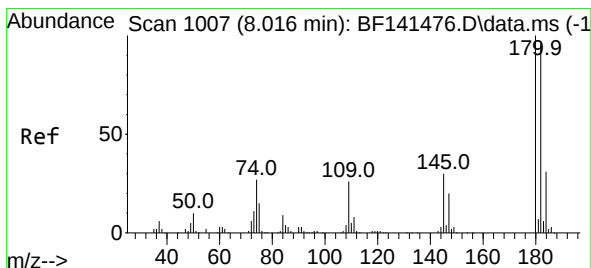
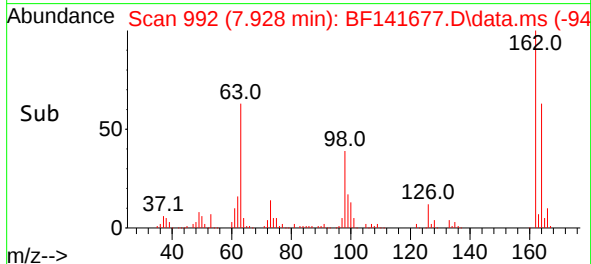
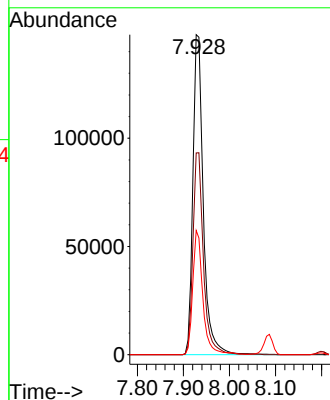
Tgt Ion:162 Resp: 23209

Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	38.8	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.368 ng

RT: 8.004 min Scan# 1005

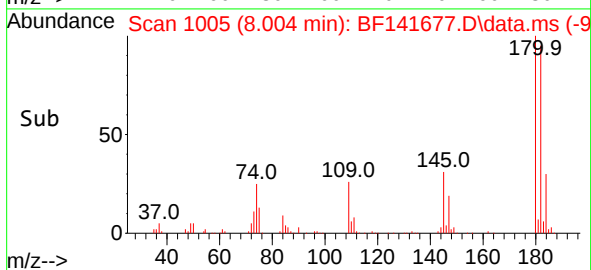
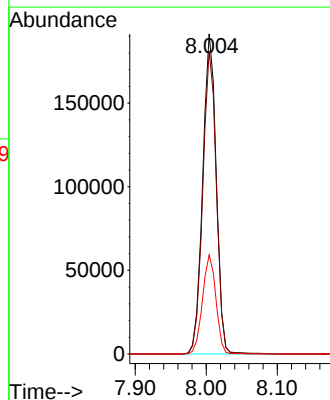
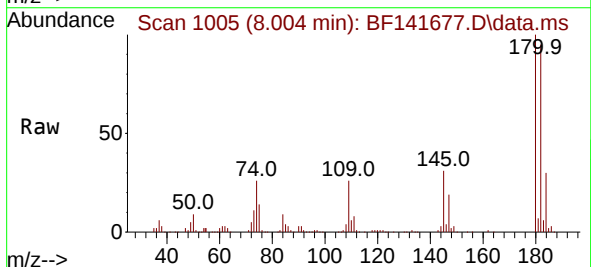
Delta R.T. -0.012 min

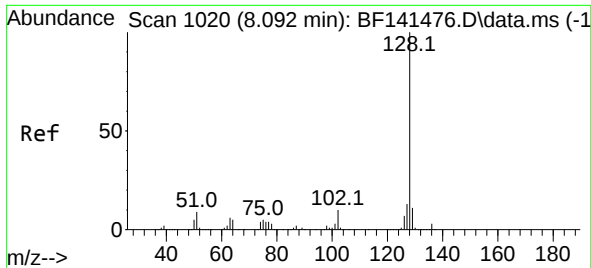
Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

Tgt Ion:180 Resp: 253830

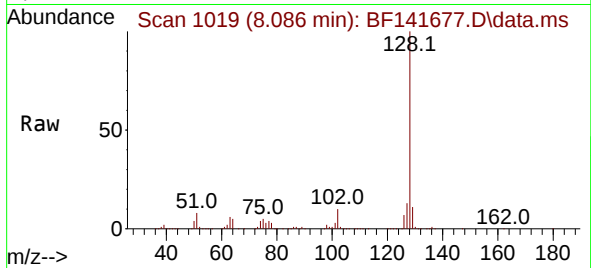
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.8	115.2
145	30.9	24.2	36.4





#31
Naphthalene
Concen: 40.801 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

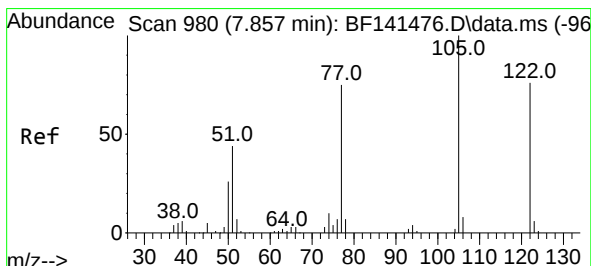
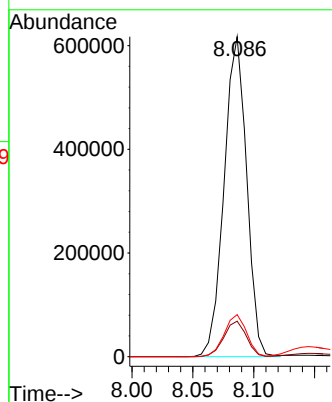
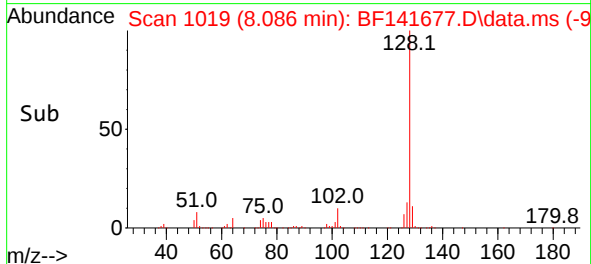
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:128 Resp: 79586
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.7 16.1

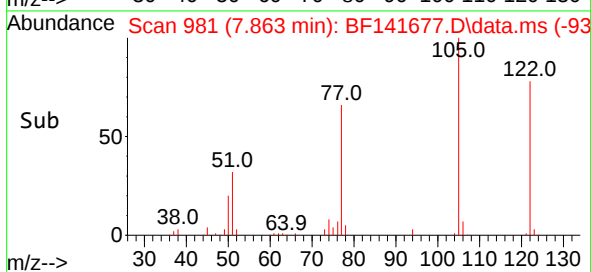
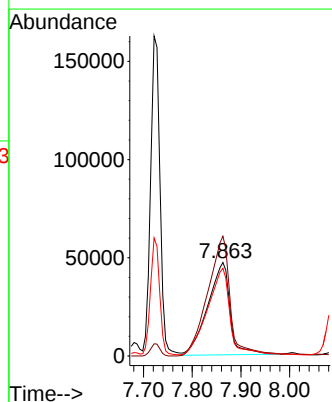
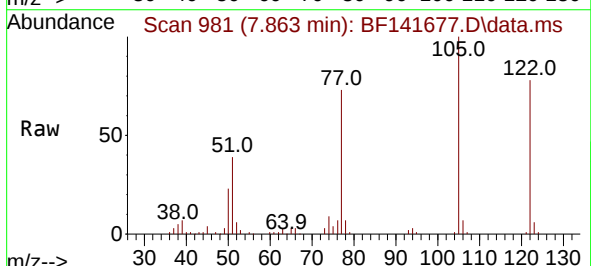
Manual Integrations
APPROVED

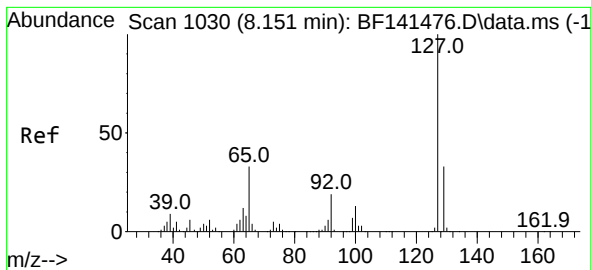
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#32
Benzoic acid
Concen: 35.445 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

Tgt Ion:122 Resp: 149912
Ion Ratio Lower Upper
122 100
105 128.1 106.5 146.5
77 93.8 76.3 116.3





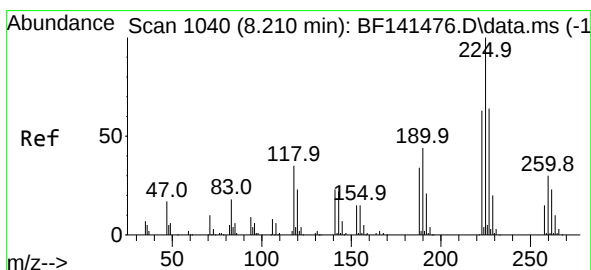
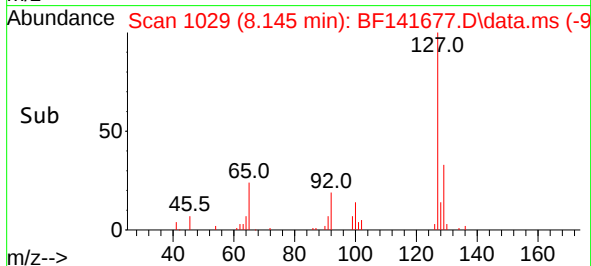
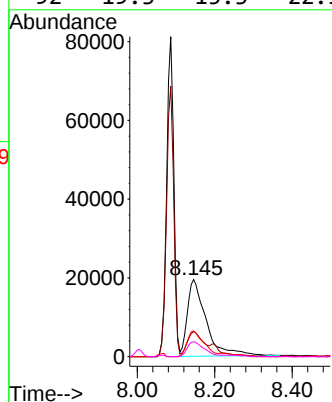
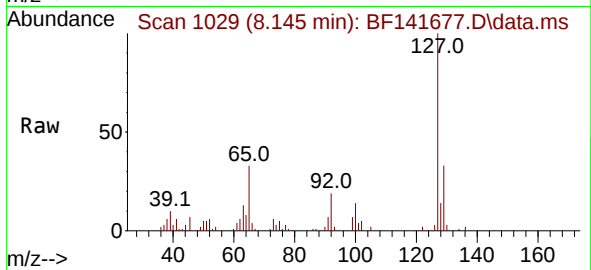
#33
4-Chloroaniline
Concen: 9.672 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS

Tgt Ion:	127	Resp:	65872
Ion Ratio	Lower	Upper	
127	100		
129	32.5	26.5	39.7
65	33.5	26.4	39.6
92	19.3	15.3	22.9

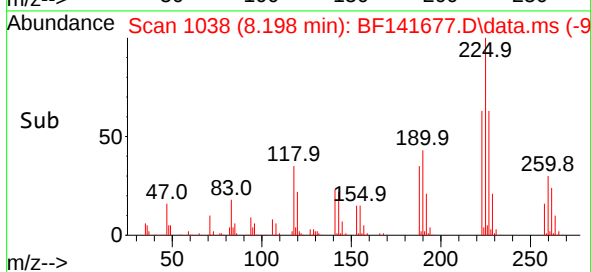
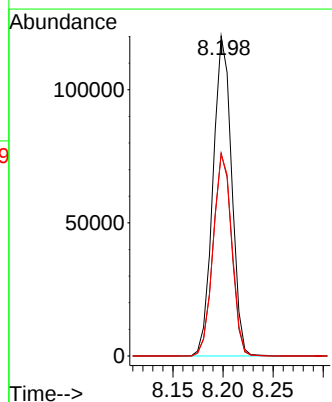
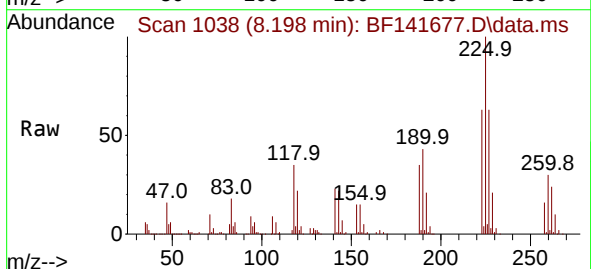
Manual Integrations
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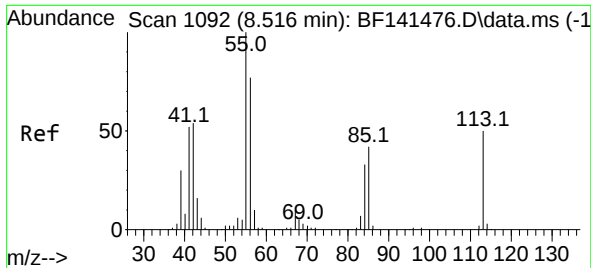
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#34
Hexachlorobutadiene
Concen: 43.134 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

Tgt Ion:	225	Resp:	155138
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.1	75.1
227	63.1	51.0	76.6





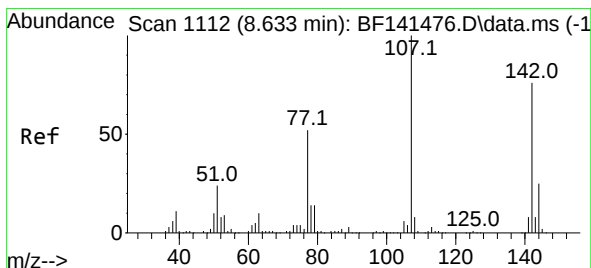
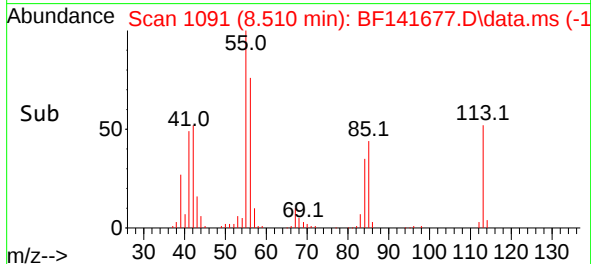
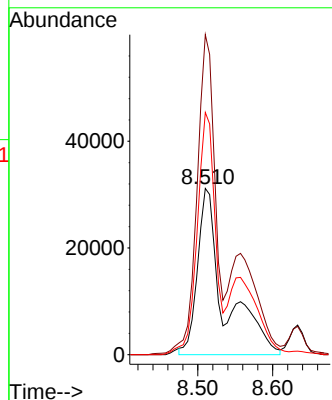
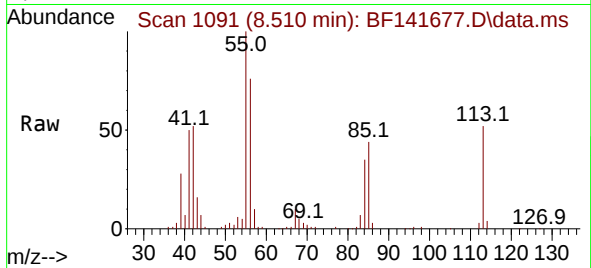
#35
 Caprolactam
 Concen: 46.369 ng m
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.035 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-03-021725MS

Tgt Ion:113 Resp: 77672
 Ion Ratio Lower Upper
 113 100
 55 192.5 180.8 220.8
 56 145.7 133.6 173.6

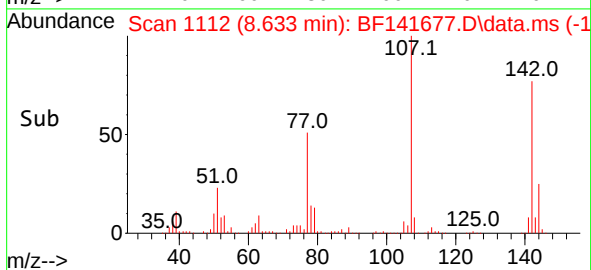
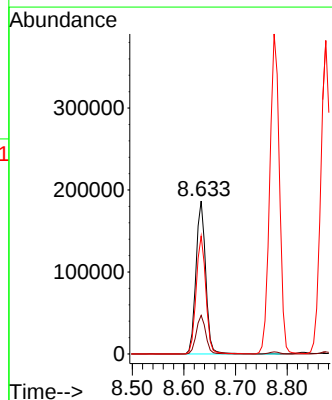
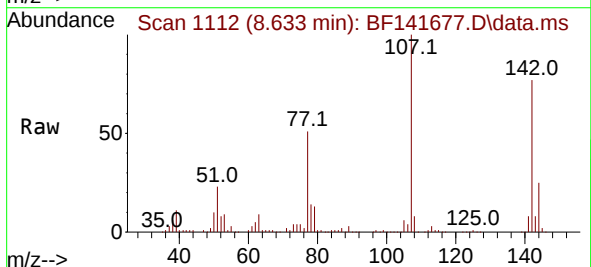
Manual Integrations
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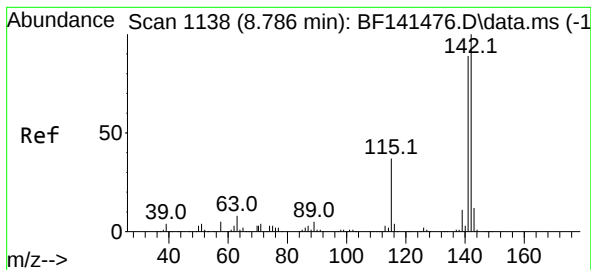
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#36
 4-Chloro-3-methylphenol
 Concen: 39.962 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15

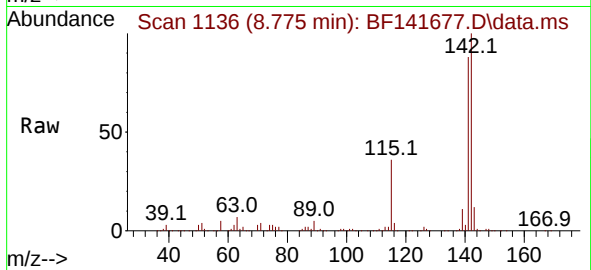
Tgt Ion:107 Resp: 243536
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.7 29.5
 142 77.2 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.074 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

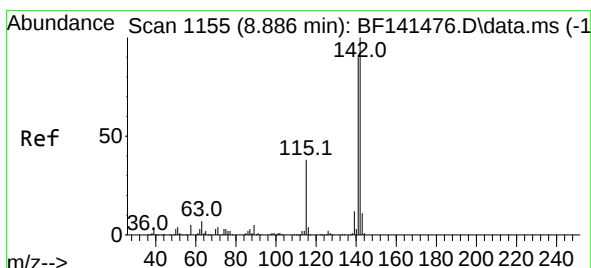
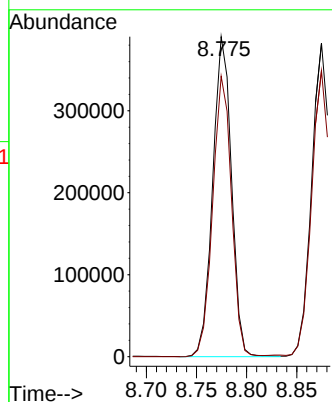
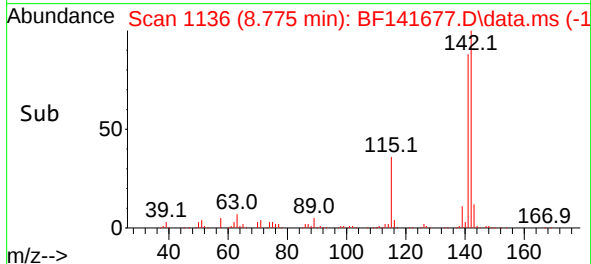
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:142 Resp: 508670
Ion Ratio Lower Upper
142 100
141 87.6 71.2 106.8

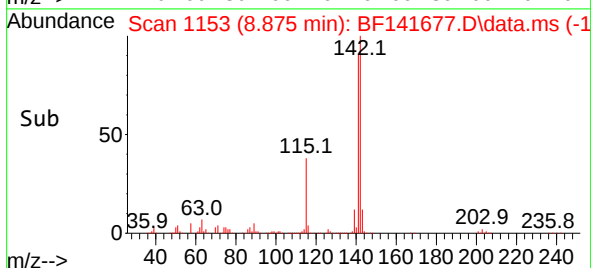
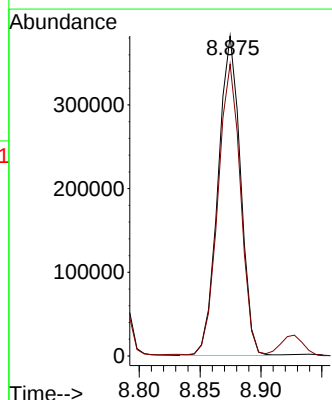
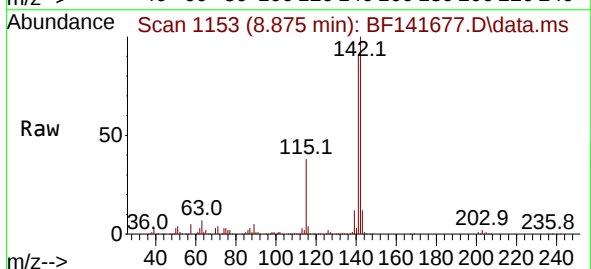
Manual Integrations
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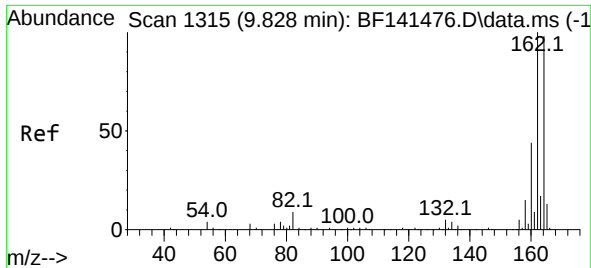
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#38
1-Methylnaphthalene
Concen: 39.810 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

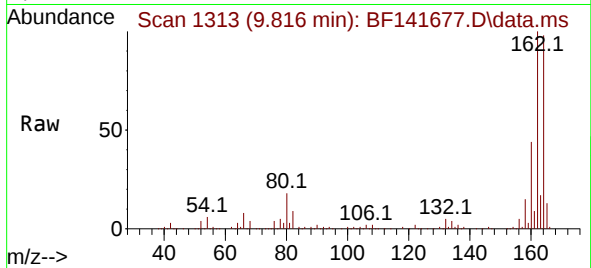
Tgt Ion:142 Resp: 489418
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

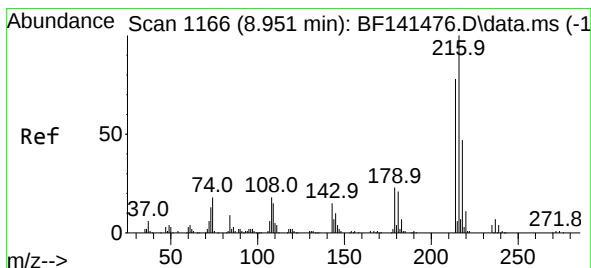
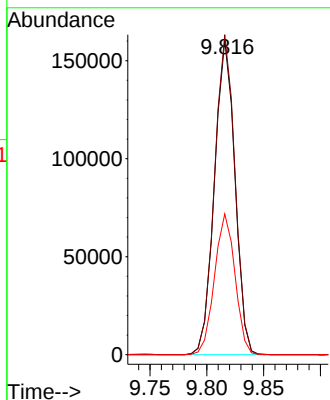
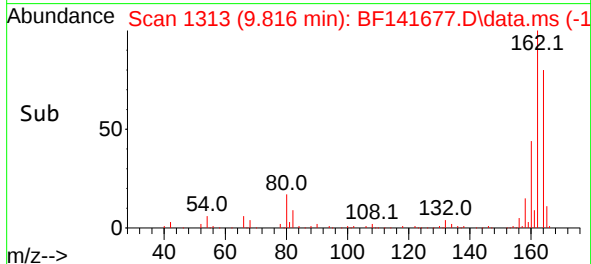
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



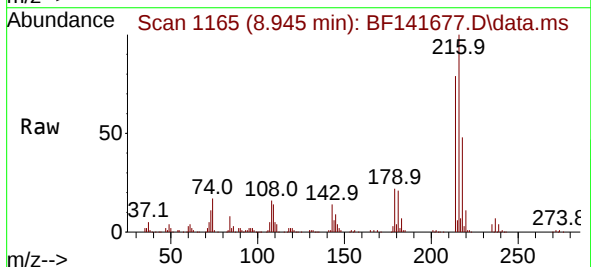
Tgt Ion:164 Resp: 200650
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.8 35.9 53.9

Manual Integrations
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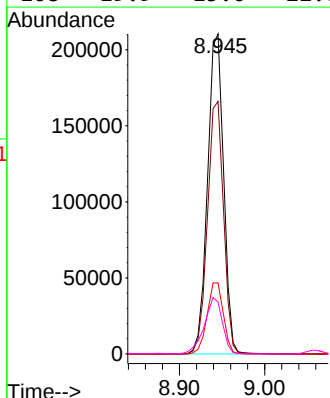
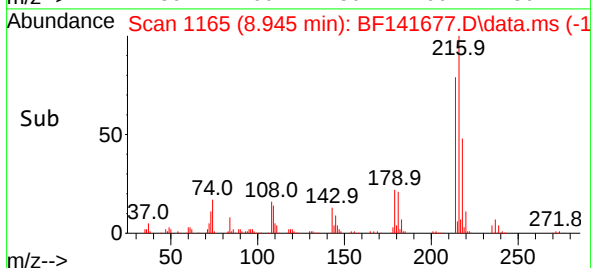
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

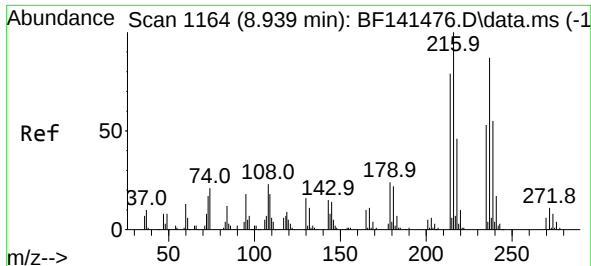


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.493 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



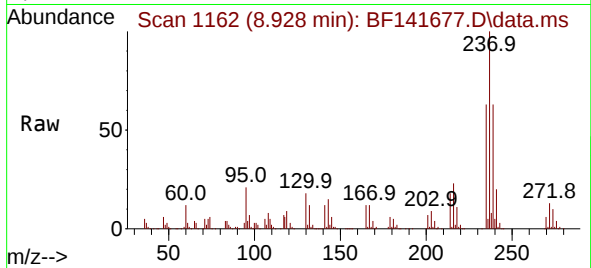
Tgt Ion:216 Resp: 275699
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 22.5 18.0 27.0
108 19.9 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 132.571 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

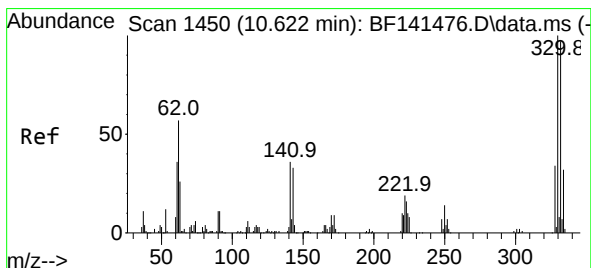
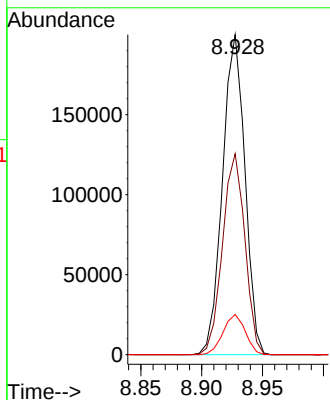
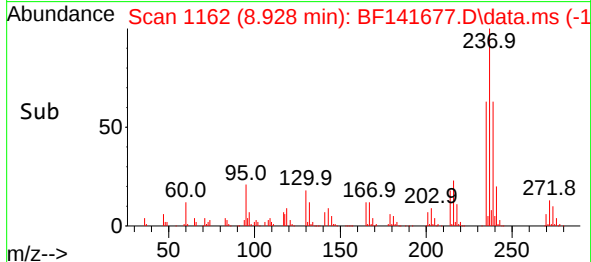
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



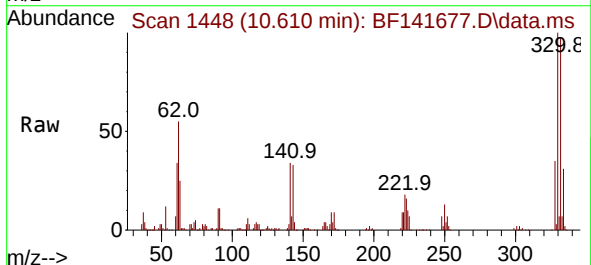
Tgt Ion:237 Resp: 255970
Ion Ratio Lower Upper
237 100
235 62.8 41.4 81.4
272 12.6 0.0 32.4

Manual Integrations
APPROVED

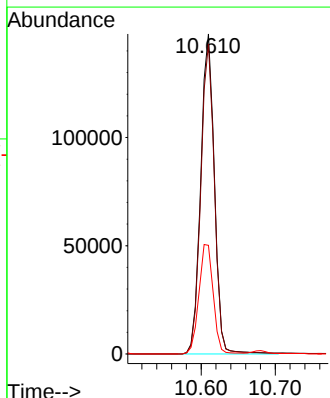
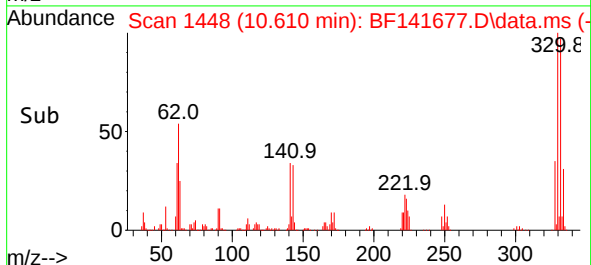
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

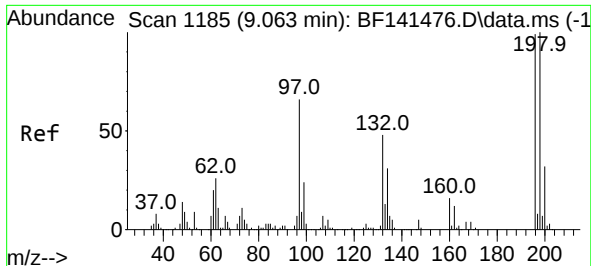


#42
2,4,6-Tribromophenol
Concen: 94.787 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



Tgt Ion:330 Resp: 191055
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 35.8 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.233 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141677.D

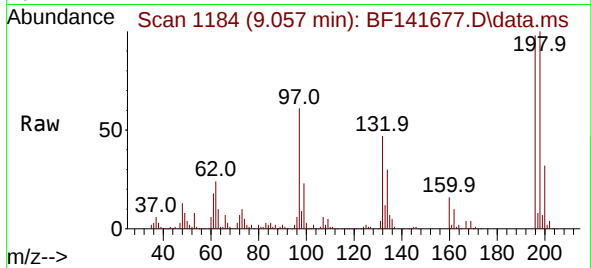
Acq: 19 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-03-021725MS



Tgt Ion:196 Resp: 15845

Ion Ratio Lower Upper

196 100

198 101.6 80.6 121.0

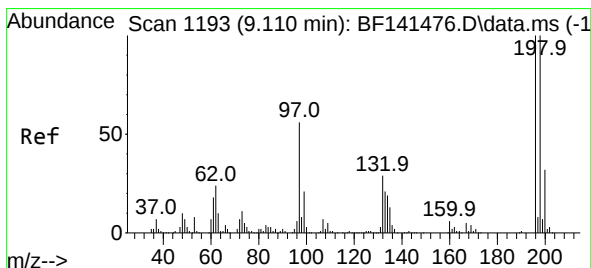
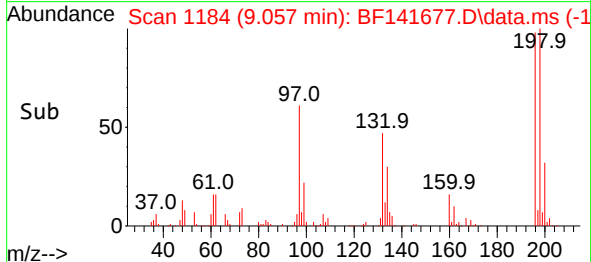
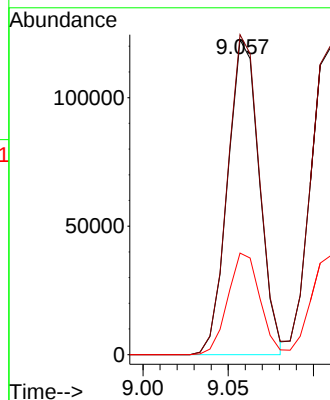
200 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#44

2,4,5-Trichlorophenol

Concen: 42.375 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

Tgt Ion:196 Resp: 172303

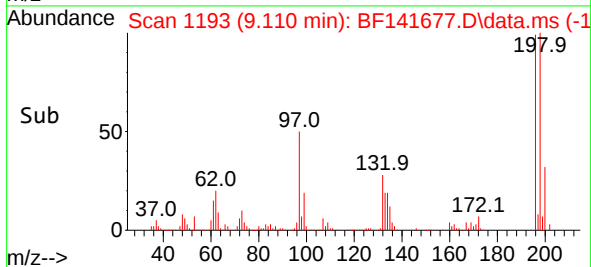
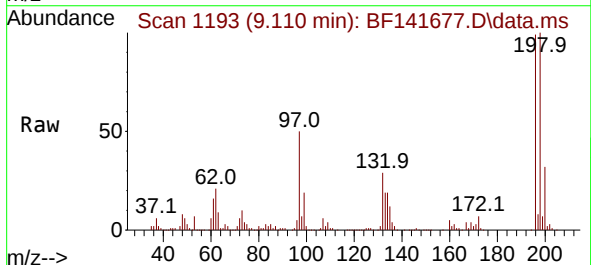
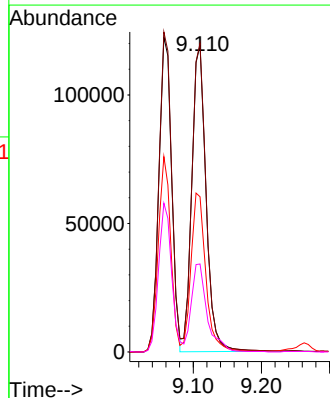
Ion Ratio Lower Upper

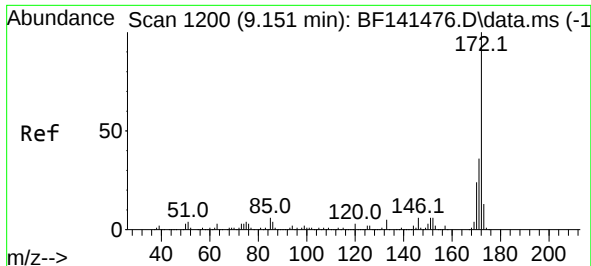
196 100

198 100.6 79.8 119.8

97 50.6 44.8 67.2

132 28.7 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 65.934 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-03-021725MS

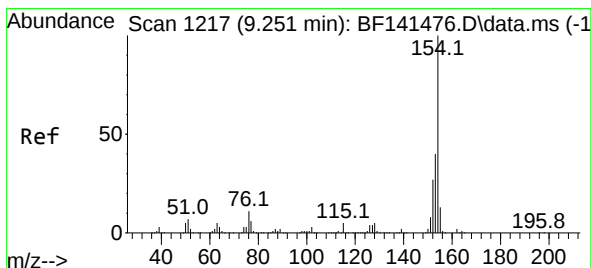
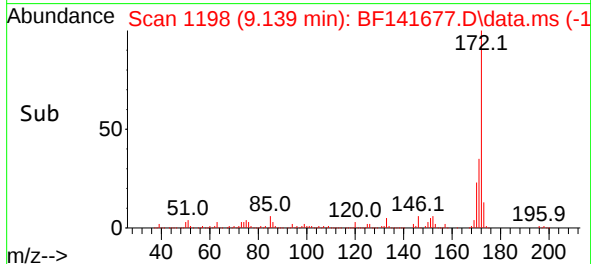
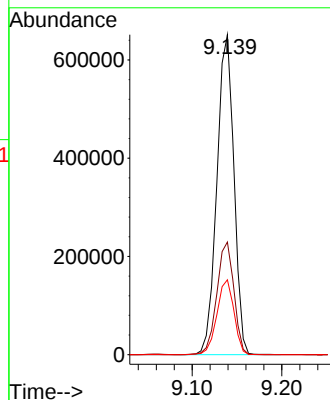
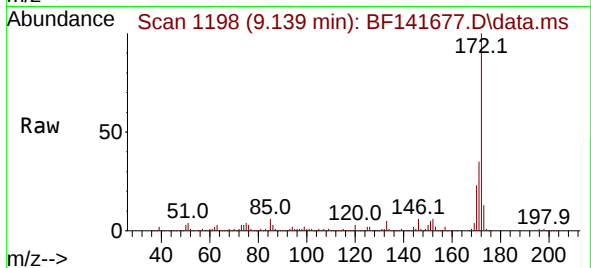
Tgt Ion:172 Resp: 858709

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.7	43.1
170	23.4	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#46

1,1'-Biphenyl

Concen: 46.763 ng

RT: 9.239 min Scan# 1215

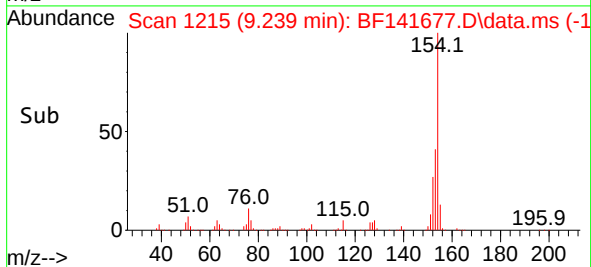
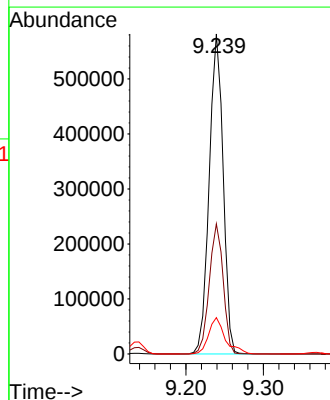
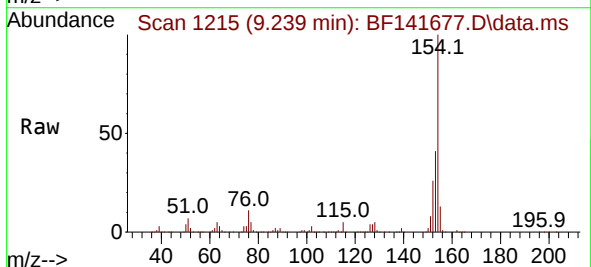
Delta R.T. -0.018 min

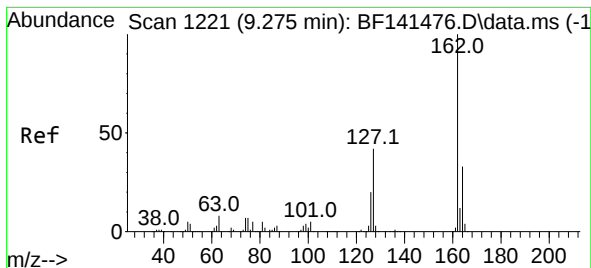
Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

Tgt Ion:154 Resp: 727451

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	11.4	0.0	30.8





#47

2-Chloronaphthalene

Concen: 43.074 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

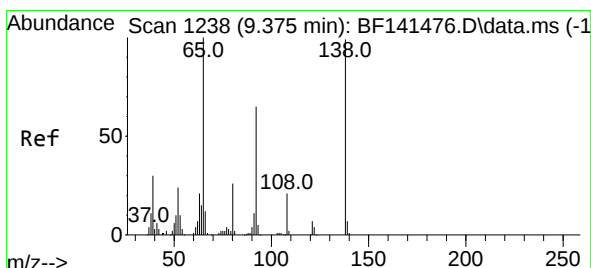
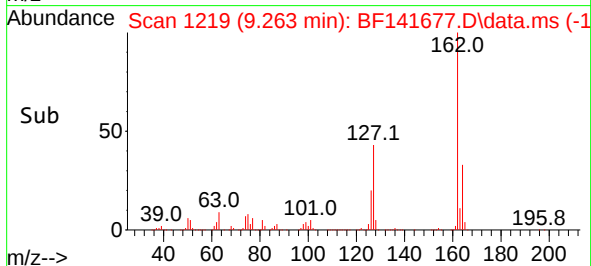
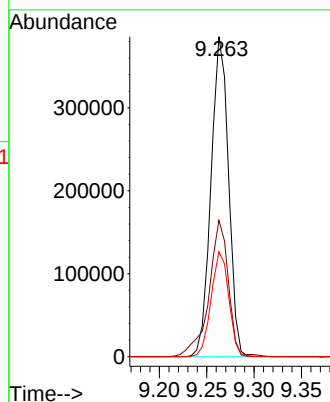
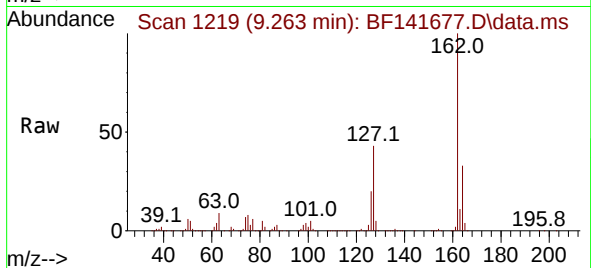
OU4-PCS-TC-03-021725MS

Tgt Ion:162 Resp: 495484
 Ion Ratio Lower Upper
 162 100
 127 42.6 34.1 51.1
 164 32.8 26.3 39.5

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#48

2-Nitroaniline

Concen: 40.566 ng

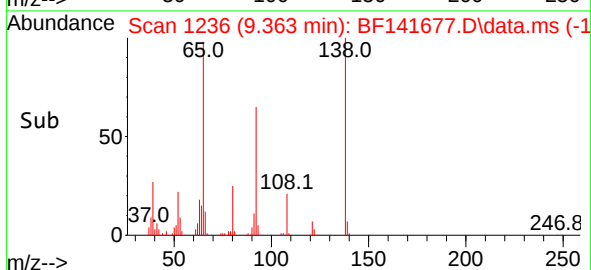
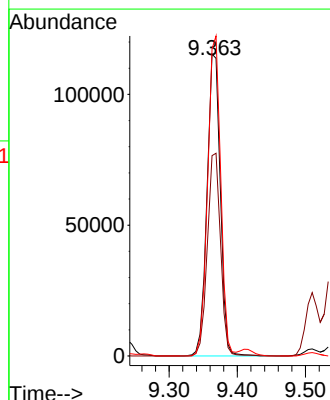
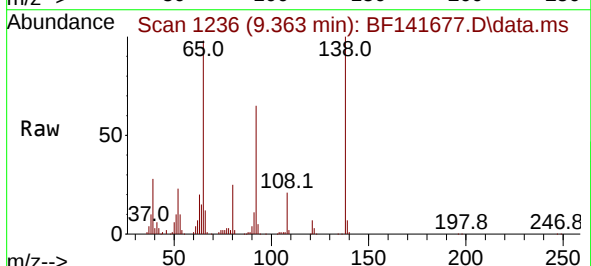
RT: 9.363 min Scan# 1236

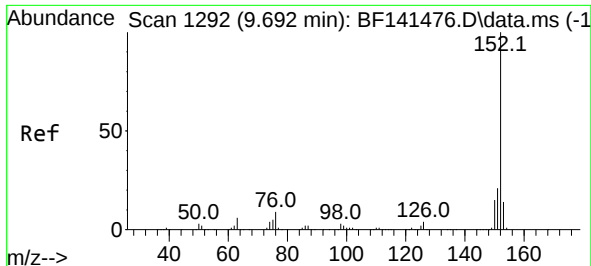
Delta R.T. -0.018 min

Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

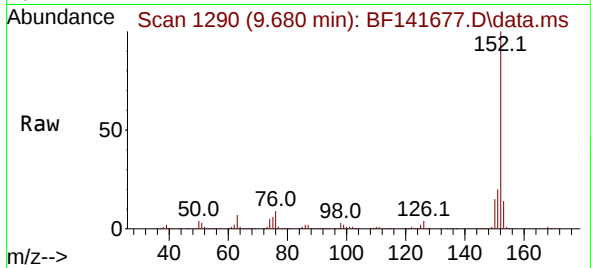
Tgt Ion: 65 Resp: 156605
 Ion Ratio Lower Upper
 65 100
 92 66.3 52.2 78.2
 138 101.7 79.5 119.3





#49
Acenaphthylene
Concen: 43.863 ng
RT: 9.680 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

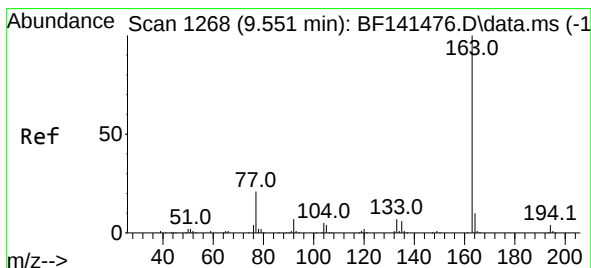
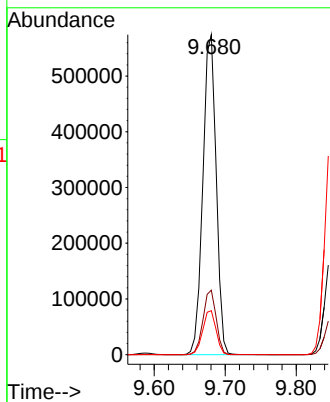
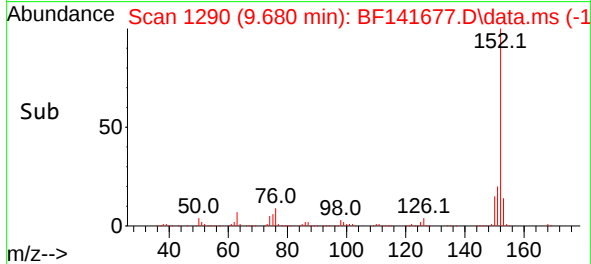
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



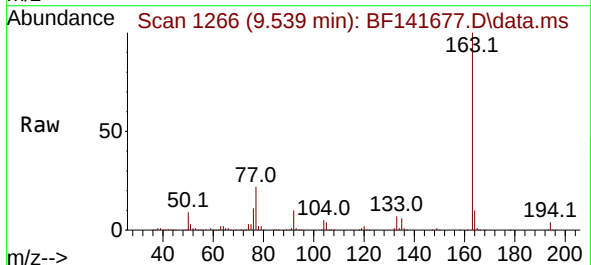
Tgt Ion:152 Resp: 750489
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.8 10.9 16.3

Manual Integrations
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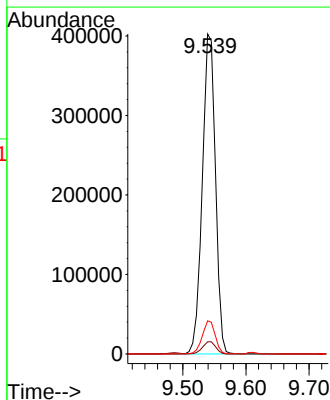
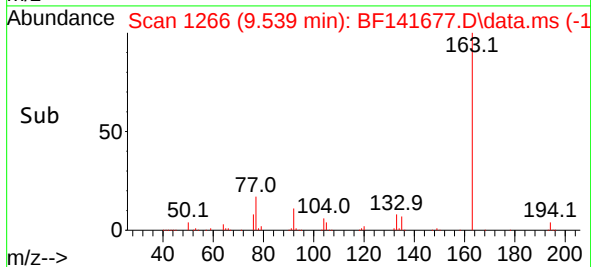
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

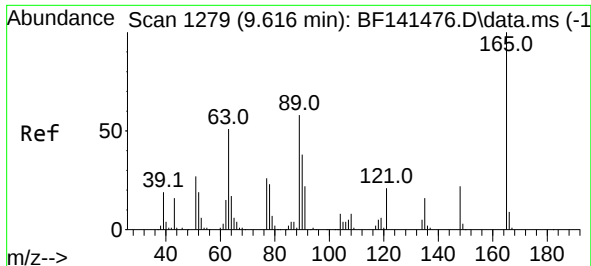


#50
Dimethylphthalate
Concen: 42.835 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.024 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



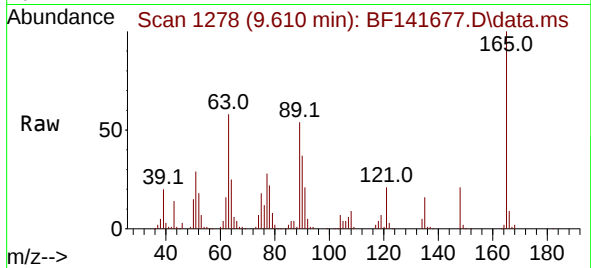
Tgt Ion:163 Resp: 583488
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.077 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

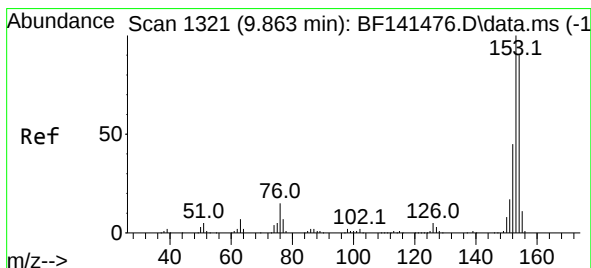
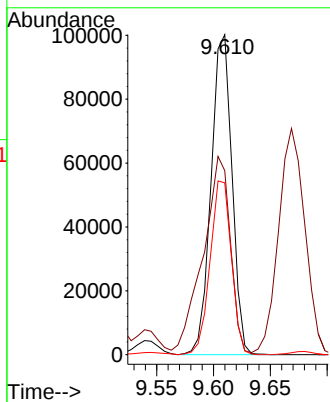
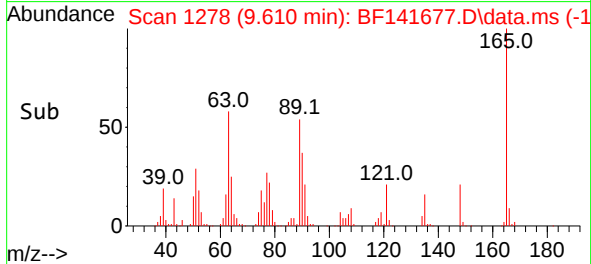
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:165 Resp: 128275
Ion Ratio Lower Upper
165 100
63 57.5 49.4 74.0
89 53.7 46.5 69.7

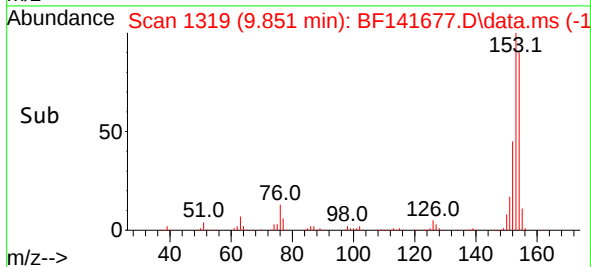
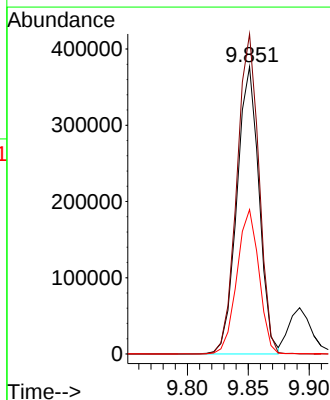
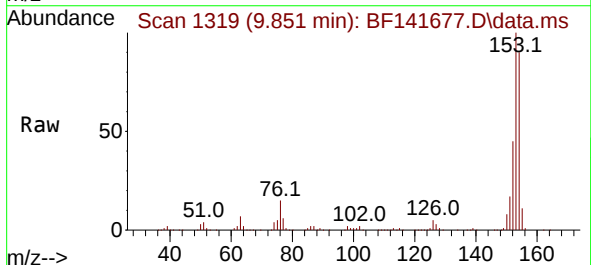
Manual Integrations
APPROVED

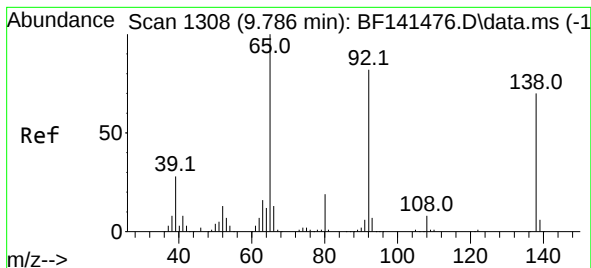
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#52
Acenaphthene
Concen: 41.469 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

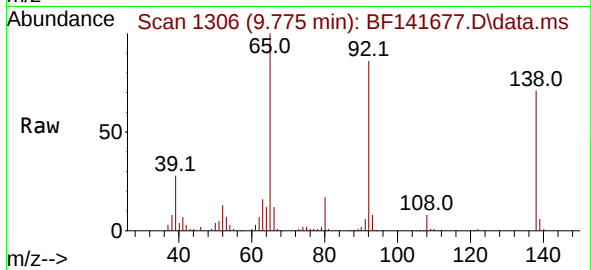
Tgt Ion:154 Resp: 477002
Ion Ratio Lower Upper
154 100
153 111.4 89.2 133.8
152 50.2 39.8 59.8





#53
3-Nitroaniline
Concen: 22.592 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

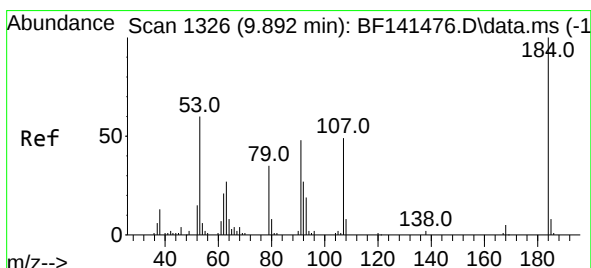
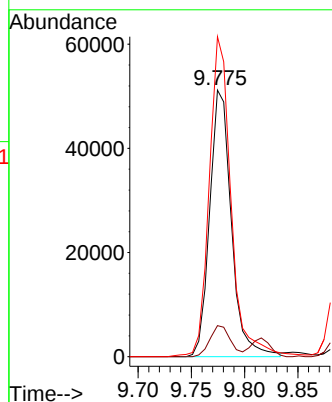
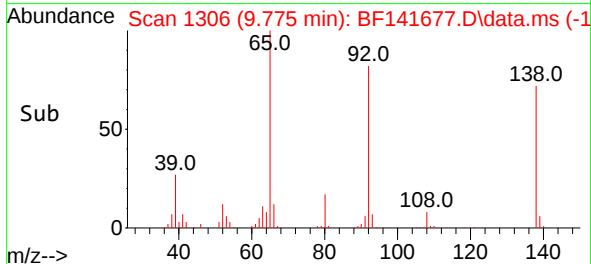
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:138 Resp: 7240
Ion Ratio Lower Upper
138 100
108 11.6 9.0 13.4
92 120.1 93.7 140.5

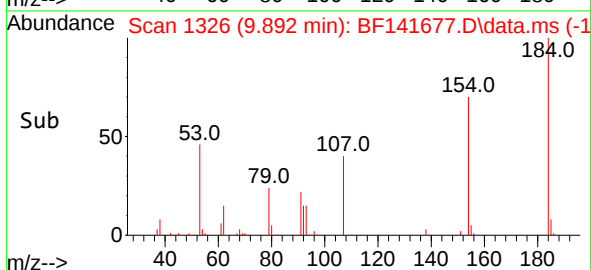
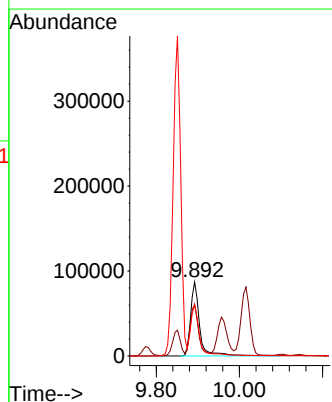
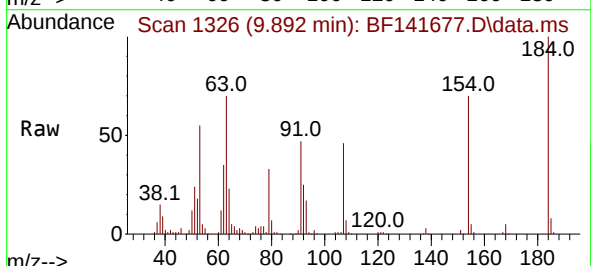
Manual Integrations
APPROVED

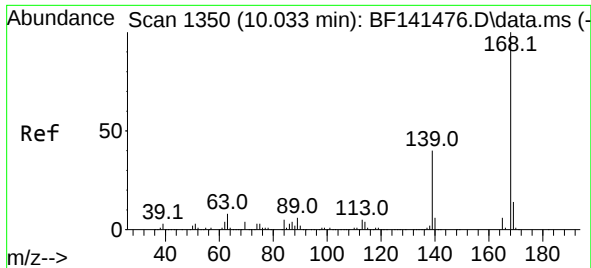
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#54
2,4-Dinitrophenol
Concen: 74.641 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

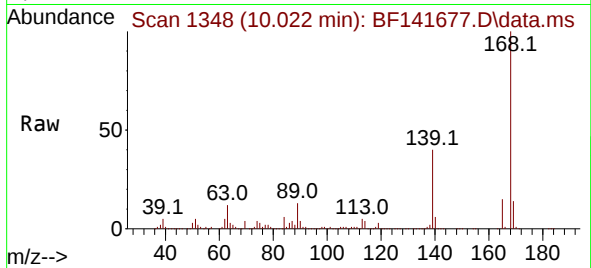
Tgt Ion:184 Resp: 132098
Ion Ratio Lower Upper
184 100
63 70.0 61.0 91.6
154 69.6 59.9 89.9





#55
Dibenzenofuran
Concen: 40.200 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

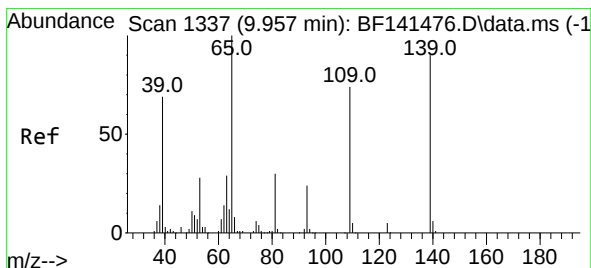
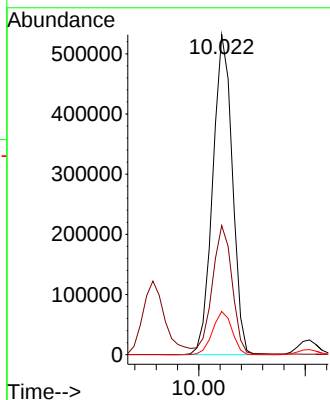
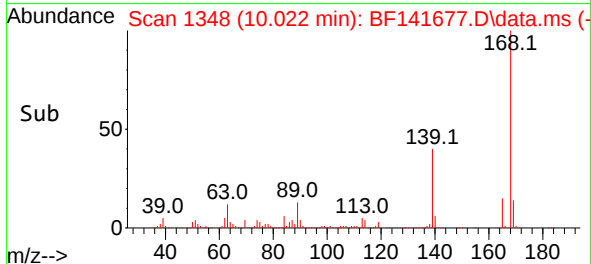
Instrument : BNA_F
ClientSampleId : OU4-PCS-TC-03-021725MS



Tgt Ion:168 Resp: 67873
Ion Ratio Lower Upper
168 100
139 40.4 32.7 49.1
169 13.5 10.8 16.2

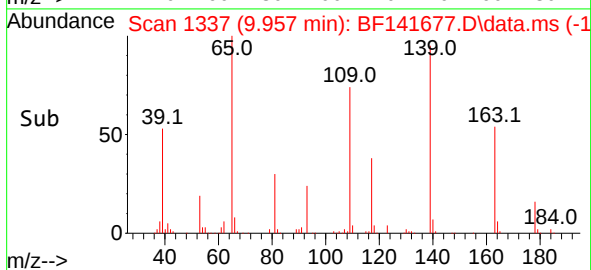
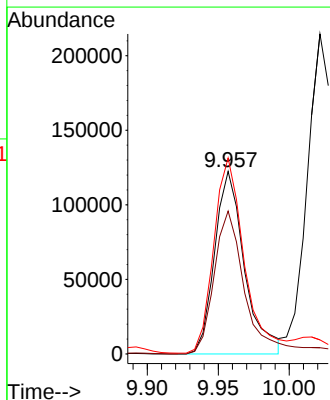
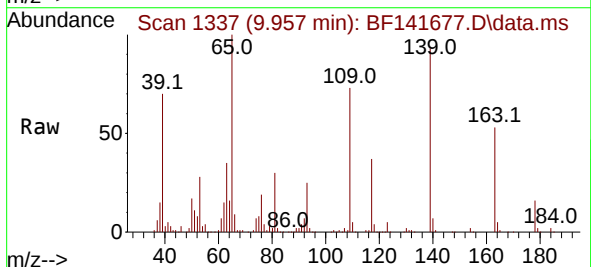
Manual Integrations
APPROVED

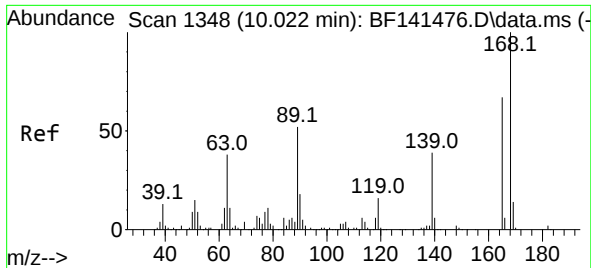
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#56
4-Nitrophenol
Concen: 75.117 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

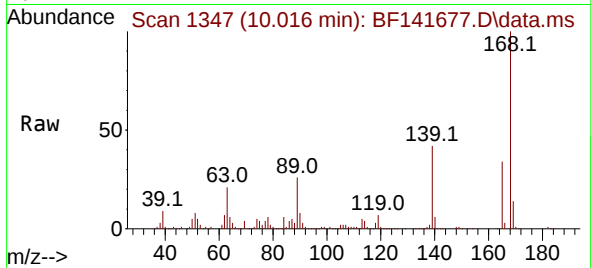
Tgt Ion:139 Resp: 178716
Ion Ratio Lower Upper
139 100
109 78.3 62.0 102.0
65 107.4 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 42.878 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

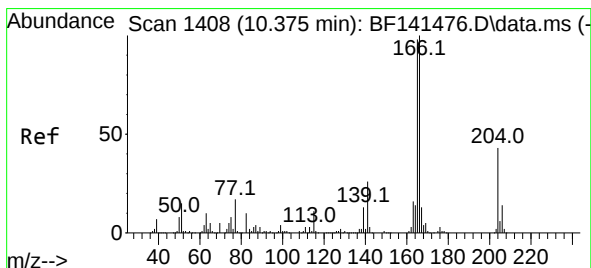
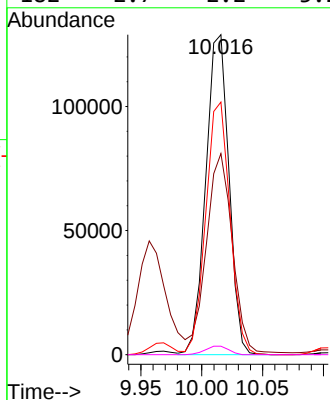
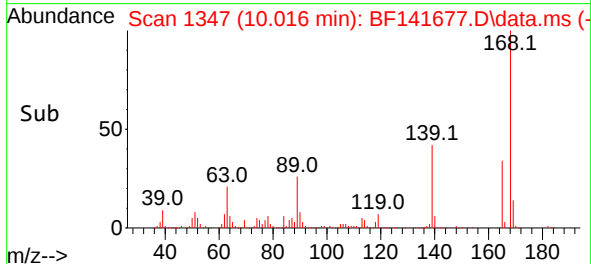
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:165 Resp: 169979
Ion Ratio Lower Upper
165 100
63 62.9 46.4 69.6
89 78.9 61.8 92.6
182 2.7 2.2 3.2

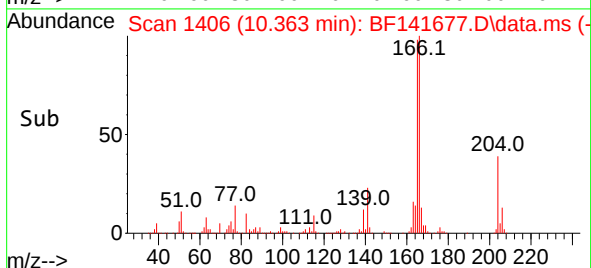
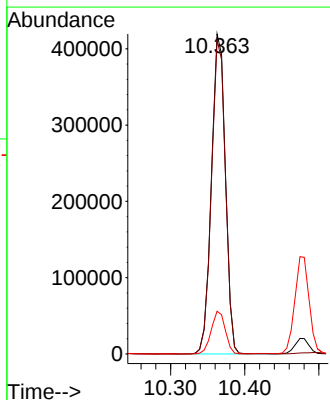
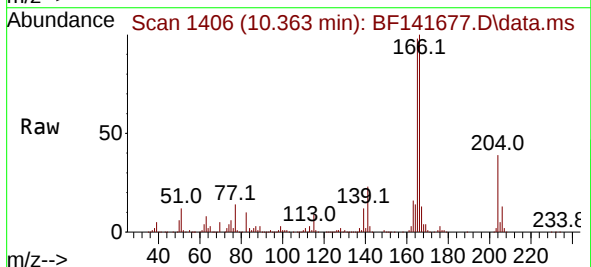
Manual Integrations
APPROVED

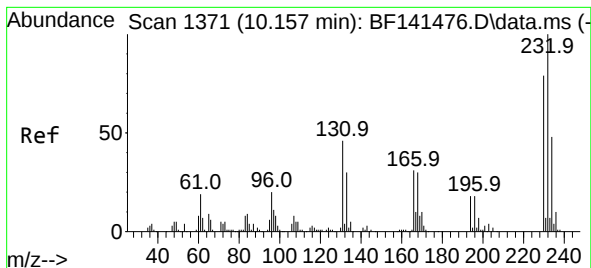
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#58
Fluorene
Concen: 42.058 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

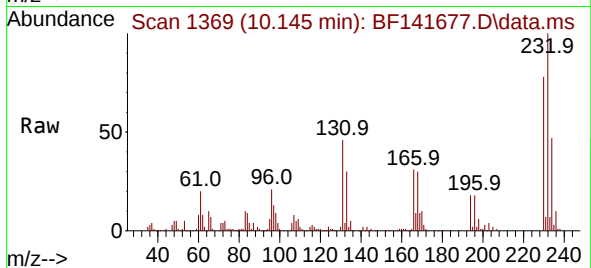
Tgt Ion:166 Resp: 549051
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.460 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

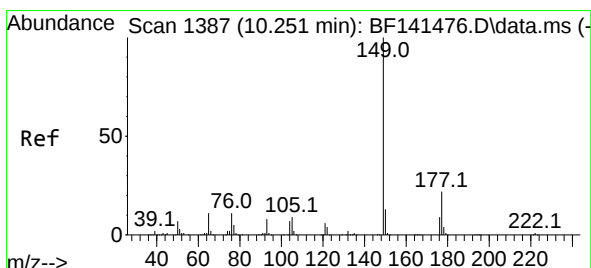
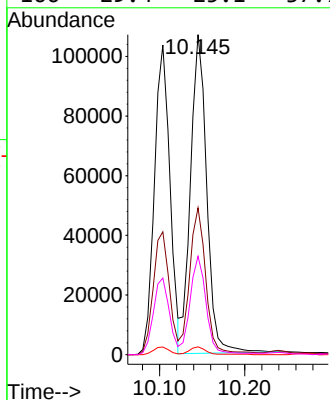
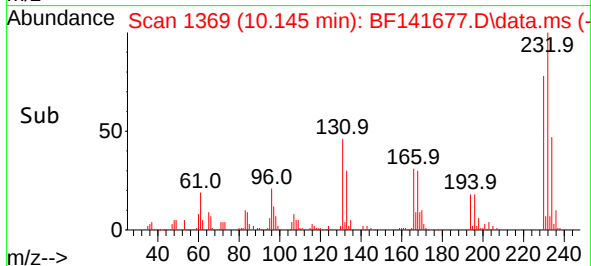
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



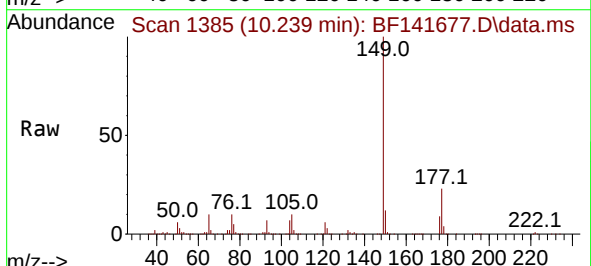
Tgt Ion:232 Resp: 141640
Ion Ratio Lower Upper
232 100
131 46.1 39.2 58.8
130 2.2 2.1 3.1
166 29.4 25.1 37.7

Manual Integrations
APPROVED

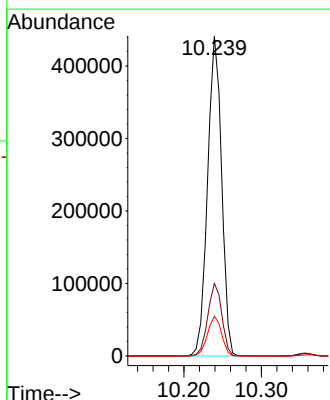
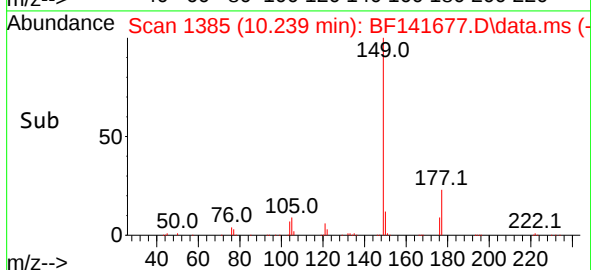
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

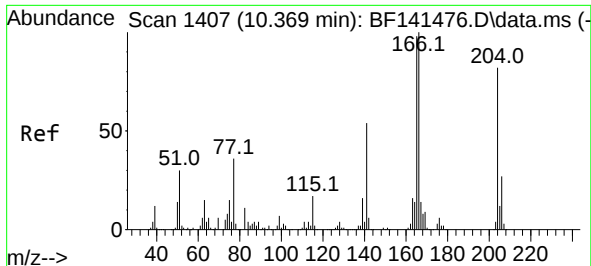


#60
Diethylphthalate
Concen: 41.384 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



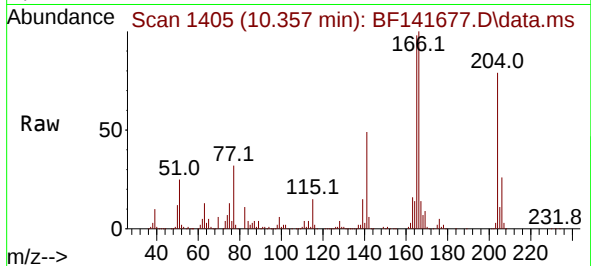
Tgt Ion:149 Resp: 554625
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 42.862 ng
RT: 10.357 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

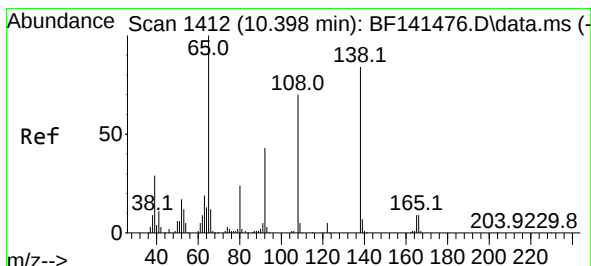
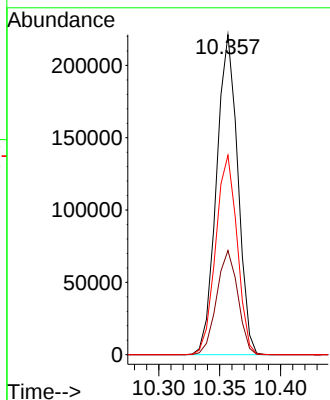
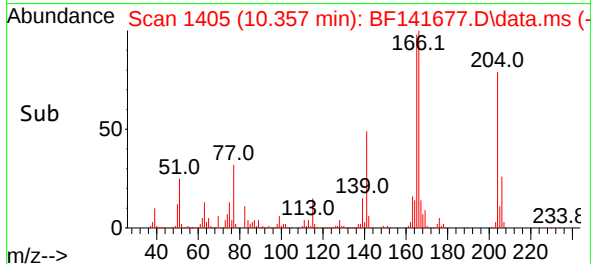
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



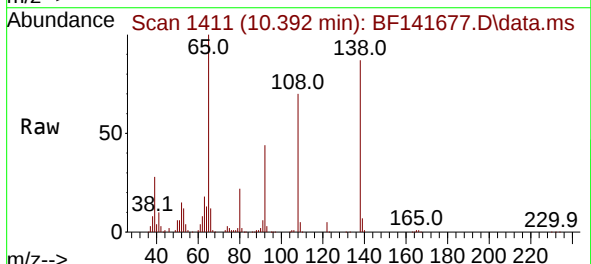
Tgt Ion:204 Resp: 26919
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 62.3 51.9 77.9

Manual Integrations
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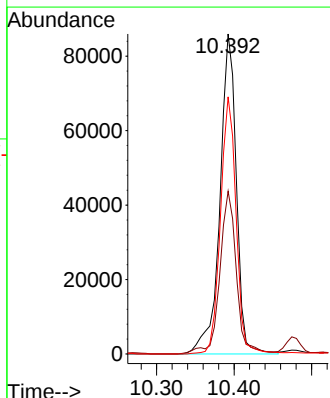
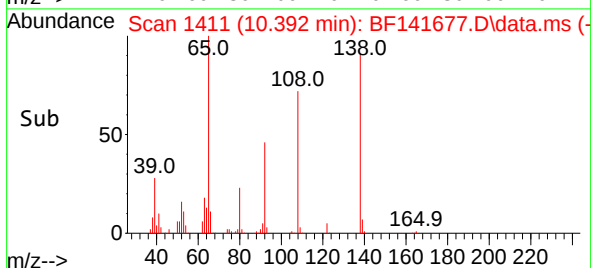
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

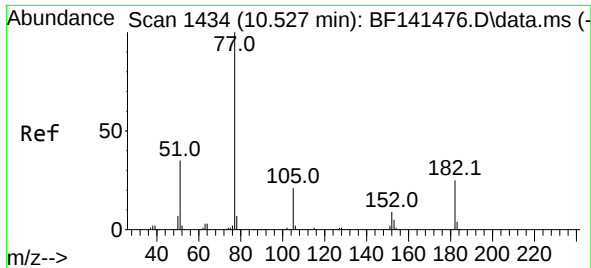


#62
4-Nitroaniline
Concen: 39.011 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



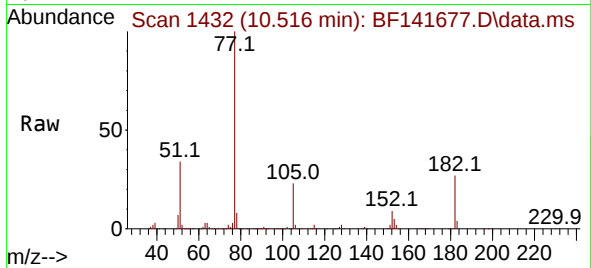
Tgt Ion:138 Resp: 126956
Ion Ratio Lower Upper
138 100
92 50.9 31.3 71.3
108 80.4 63.7 103.7





#63
Azobenzene
Concen: 43.784 ng
RT: 10.516 min Scan# 1434
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

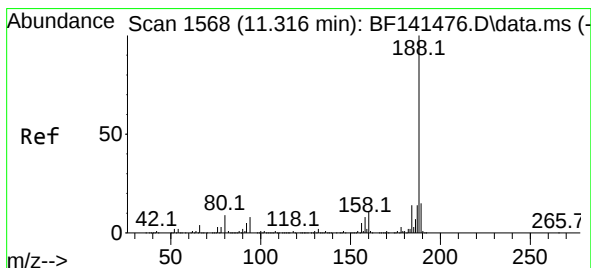
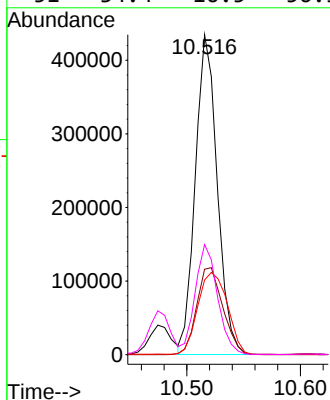
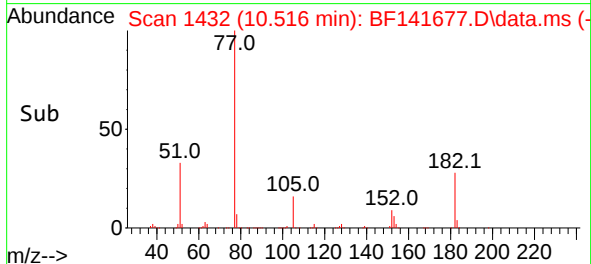
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



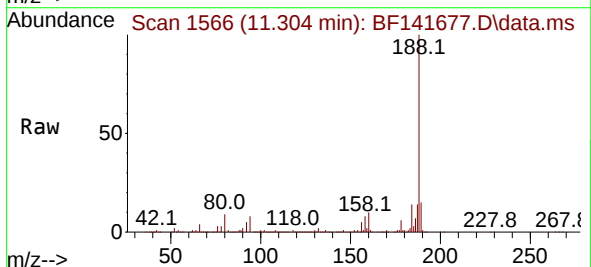
Tgt Ion: 77 Resp: 583350
Ion Ratio Lower Upper
77 100
182 26.7 4.7 44.7
105 23.4 0.4 40.4
51 34.4 16.5 56.5

Manual Integrations
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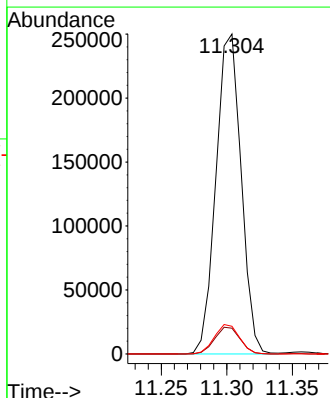
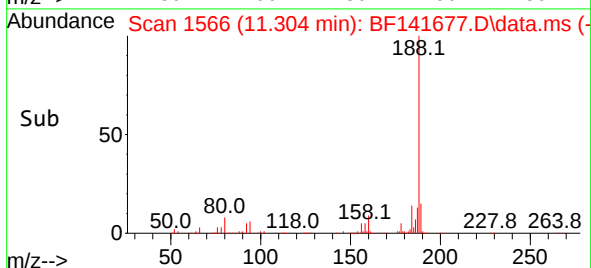
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

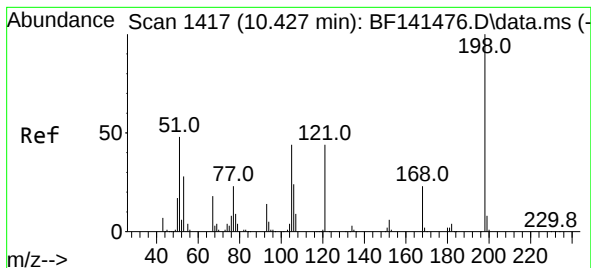


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



Tgt Ion:188 Resp: 333707
Ion Ratio Lower Upper
188 100
94 8.0 6.6 10.0
80 8.6 7.3 10.9





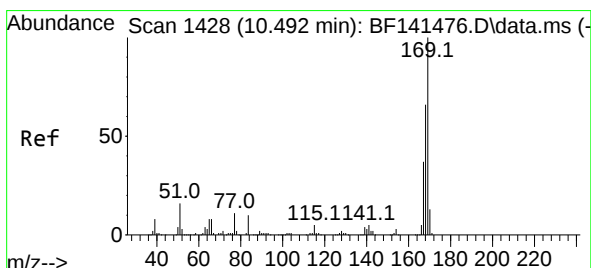
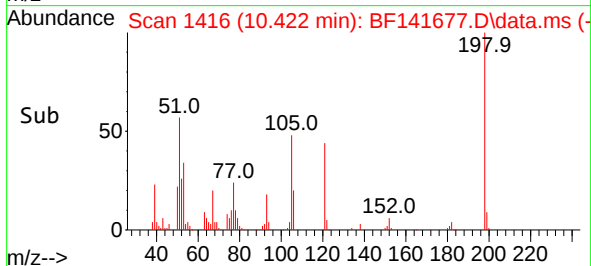
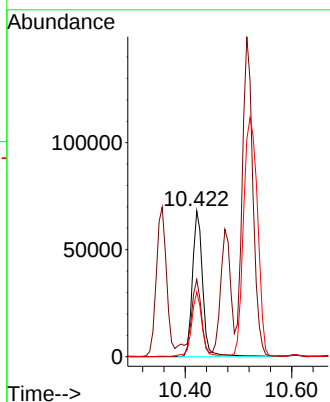
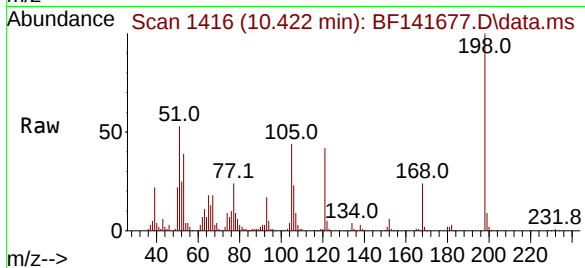
#65
4,6-Dinitro-2-methylphenol
Concen: 39.361 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS

Tgt Ion:198 Resp: 91244
Ion Ratio Lower Upper
198 100
51 53.0 37.4 77.4
105 44.4 25.2 65.2

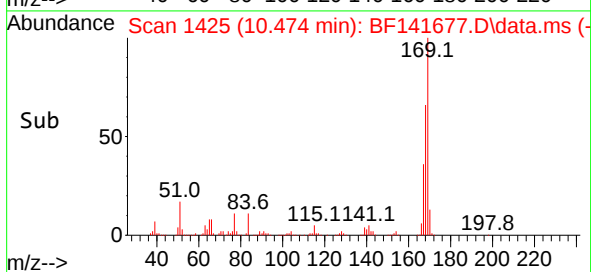
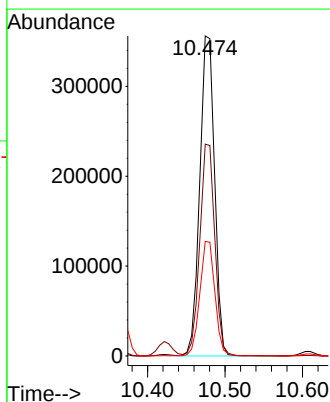
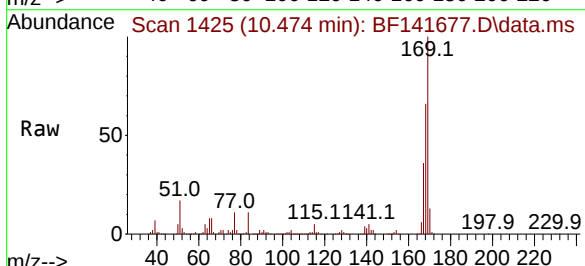
Manual Integrations
APPROVED

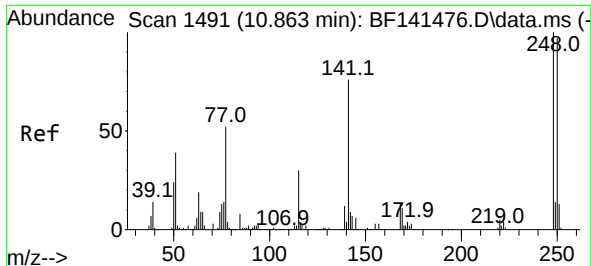
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#66
n-Nitrosodiphenylamine
Concen: 44.373 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.024 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

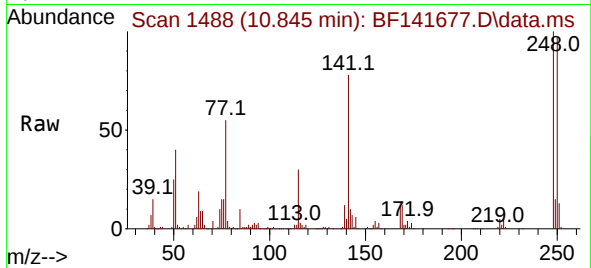
Tgt Ion:169 Resp: 474000
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 35.8 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 43.994 ng
RT: 10.845 min Scan# 1491
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

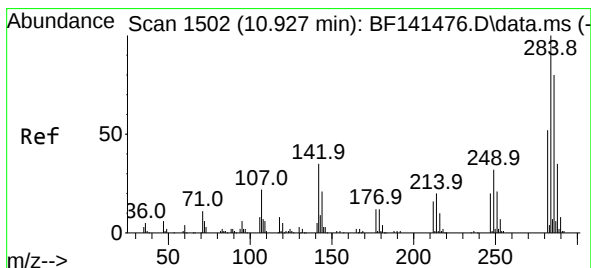
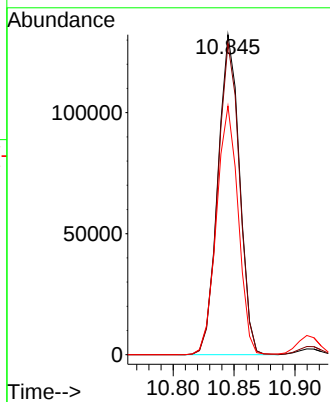
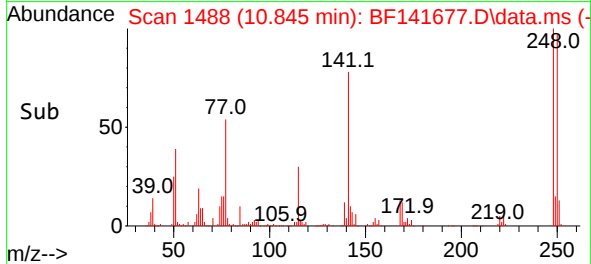
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



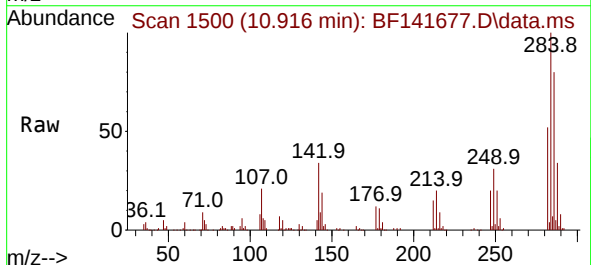
Tgt Ion:248 Resp: 164082
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 77.7 60.6 90.8

Manual Integrations
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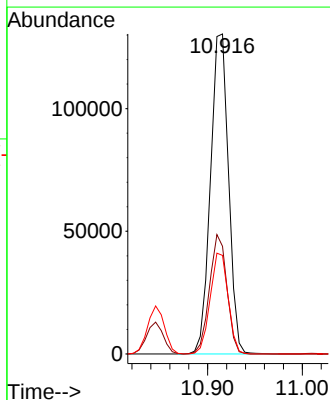
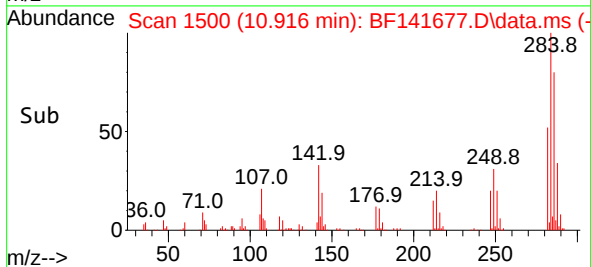
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

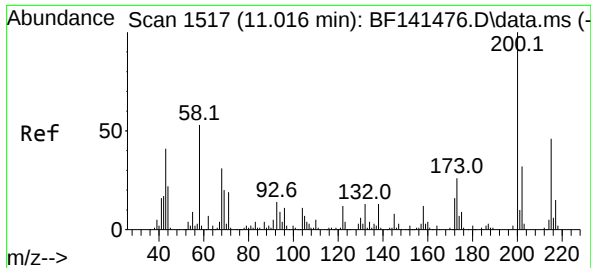


#68
Hexachlorobenzene
Concen: 45.039 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



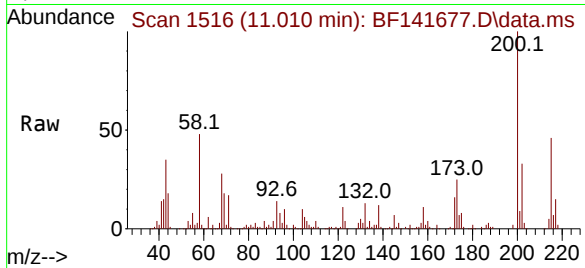
Tgt Ion:284 Resp: 172971
Ion Ratio Lower Upper
284 100
142 33.6 28.0 42.0
249 30.8 25.8 38.8





#69
 Atrazine
 Concen: 53.880 ng
 RT: 11.010 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15

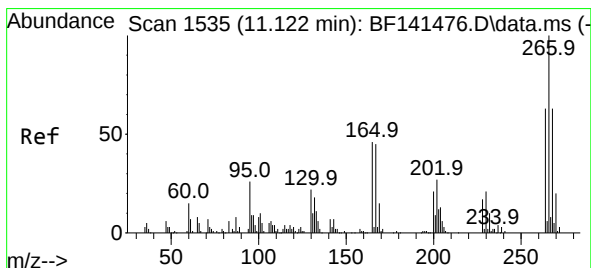
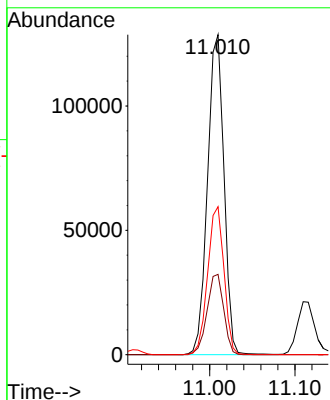
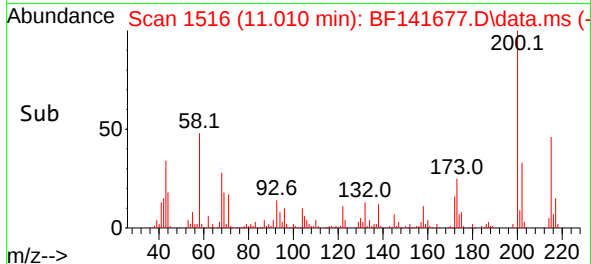
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-03-021725MS



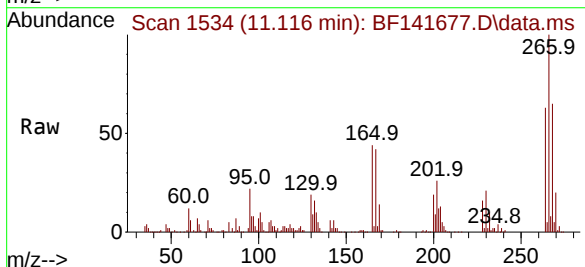
Tgt Ion:200 Resp: 17266
 Ion Ratio Lower Upper
 200 100
 173 25.1 5.9 45.9
 215 46.3 25.9 65.9

Manual Integrations
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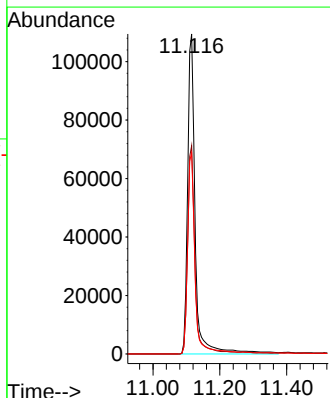
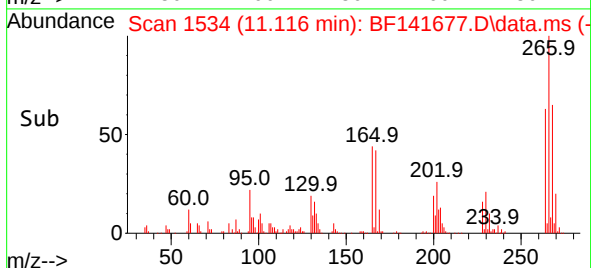
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

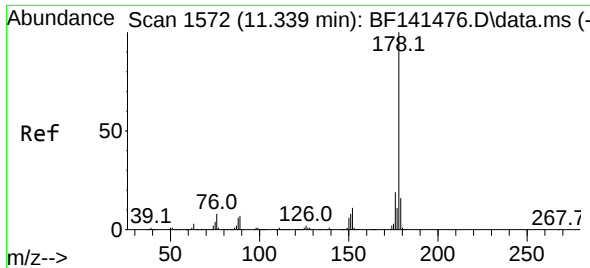


#70
 Pentachlorophenol
 Concen: 70.085 ng
 RT: 11.116 min Scan# 1534
 Delta R.T. -0.012 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15



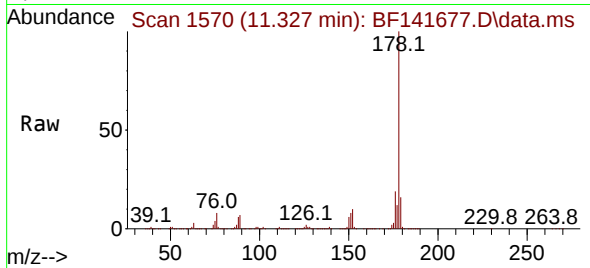
Tgt Ion:266 Resp: 172106
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.1 75.1
 264 62.9 50.1 75.1





#71
Phenanthrene
Concen: 42.851 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

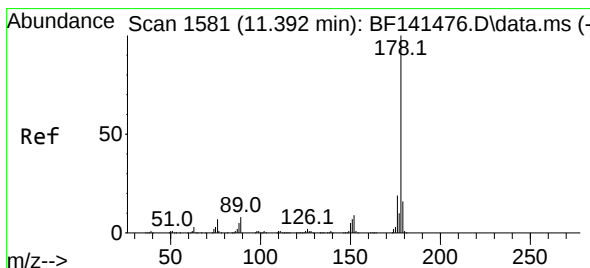
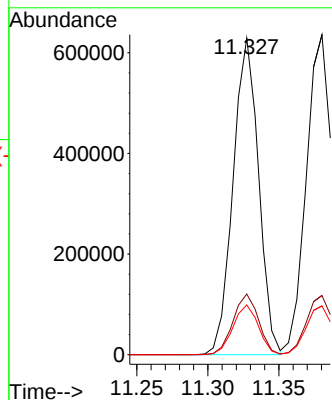
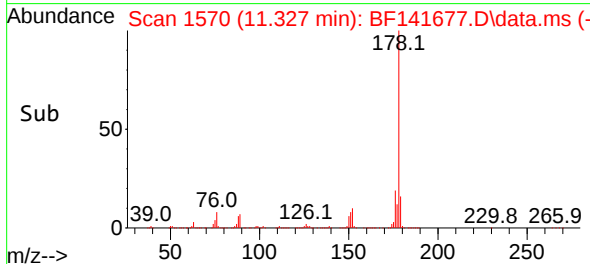
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:178 Resp: 787129
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.7 12.4 18.6

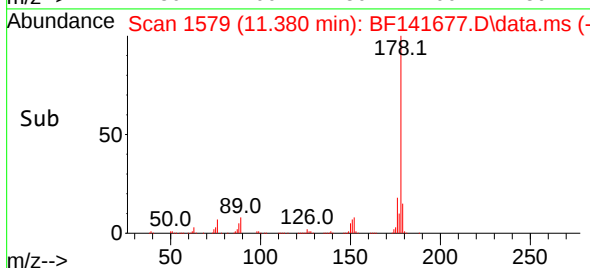
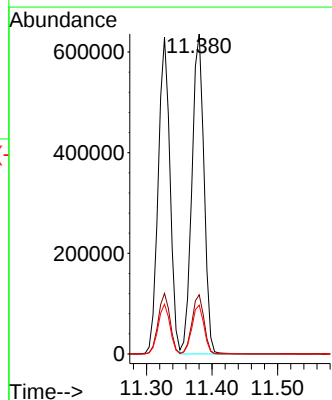
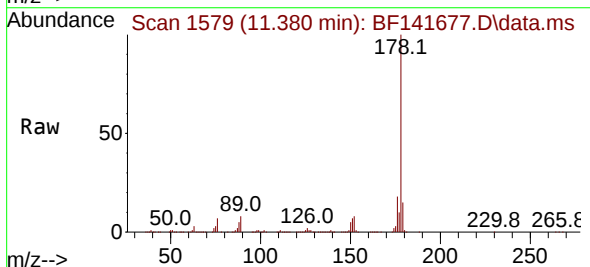
Manual Integrations
APPROVED

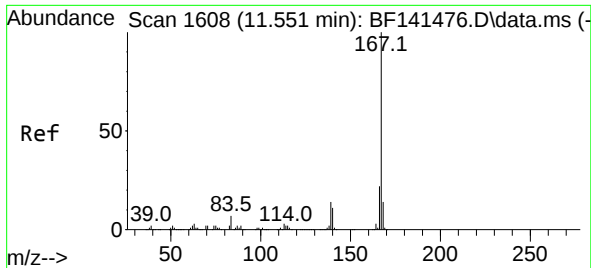
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#72
Anthracene
Concen: 44.043 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

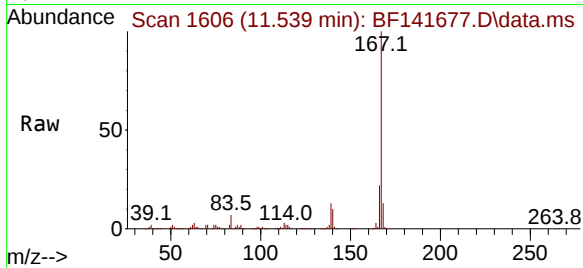
Tgt Ion:178 Resp: 813279
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 40.870 ng
 RT: 11.539 min Scan# 1606
 Delta R.T. -0.012 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15

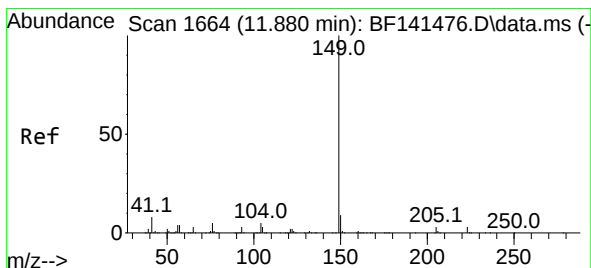
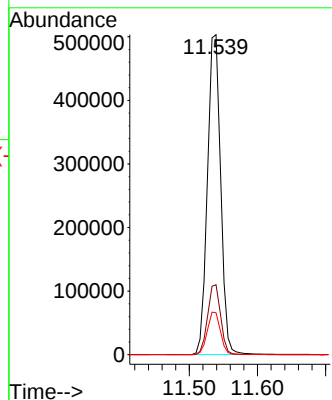
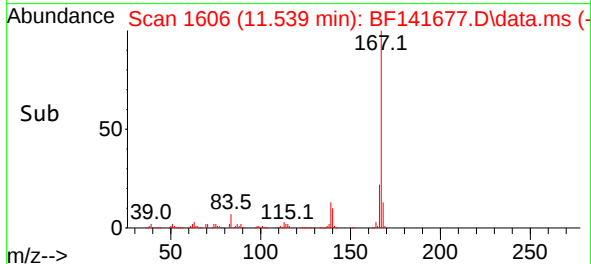
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-03-021725MS



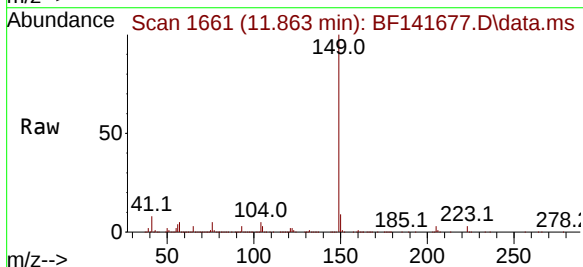
Tgt Ion:167 Resp: 67904
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.1 10.9 16.3

Manual Integrations
 APPROVED

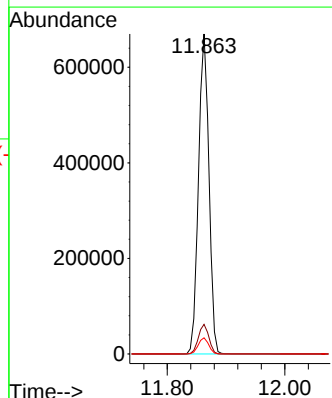
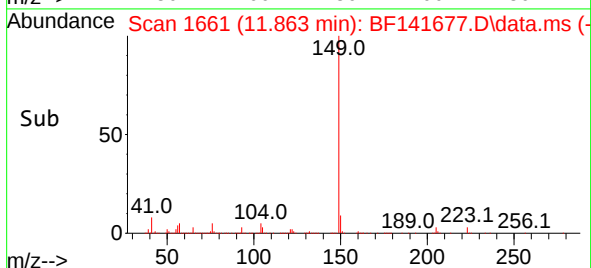
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

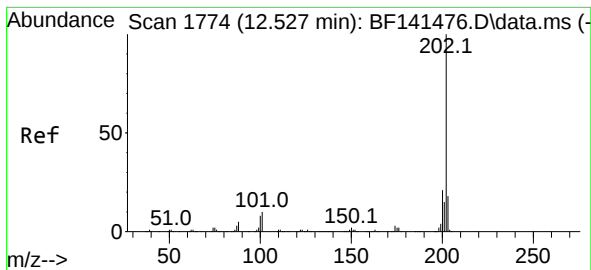


#74
 Di-n-butylphthalate
 Concen: 42.937 ng
 RT: 11.863 min Scan# 1661
 Delta R.T. -0.018 min
 Lab File: BF141677.D
 Acq: 19 Feb 2025 16:15



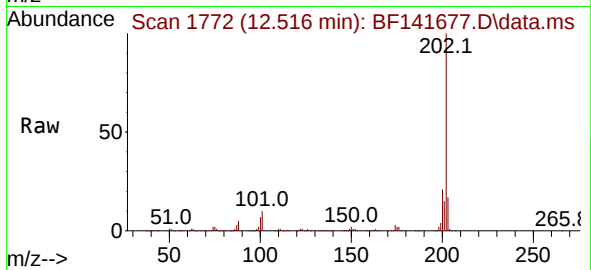
Tgt Ion:149 Resp: 823729
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 39.014 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

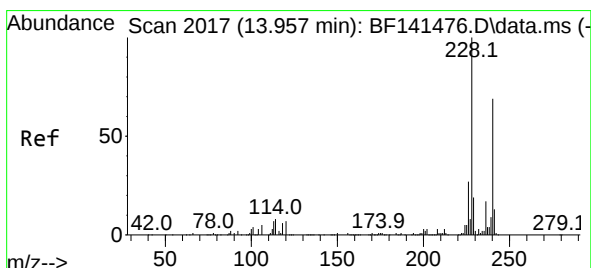
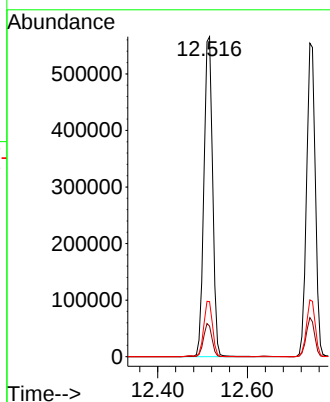
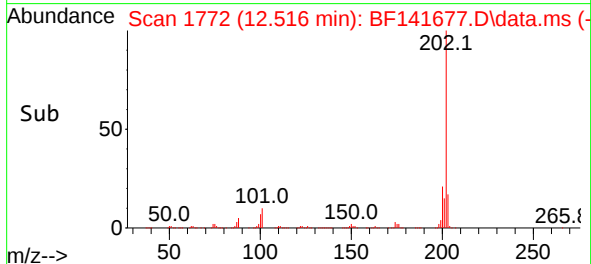
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:202 Resp: 75978
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.2
203 17.2 0.0 37.6

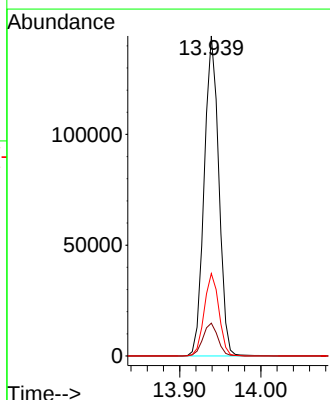
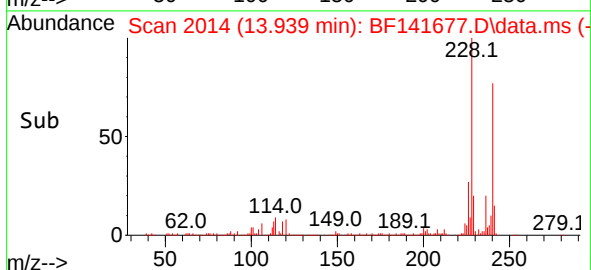
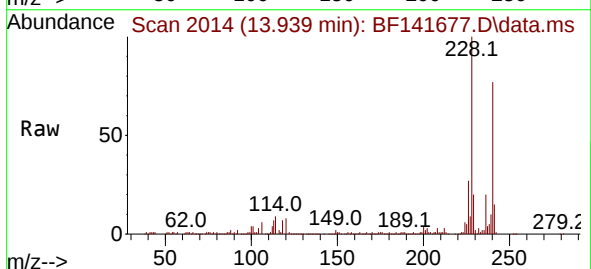
Manual Integrations
APPROVED

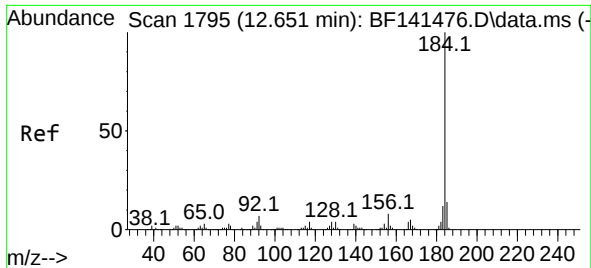
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.024 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

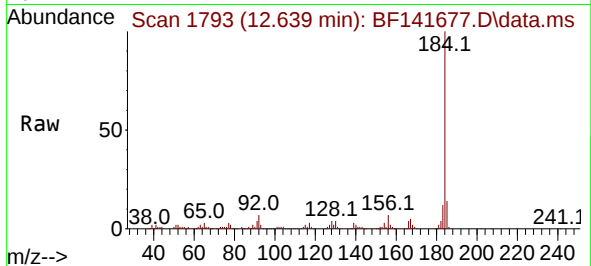
Tgt Ion:240 Resp: 180081
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.7 19.8 29.8





#77
Benzidine
Concen: 59.594 ng
RT: 12.639 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

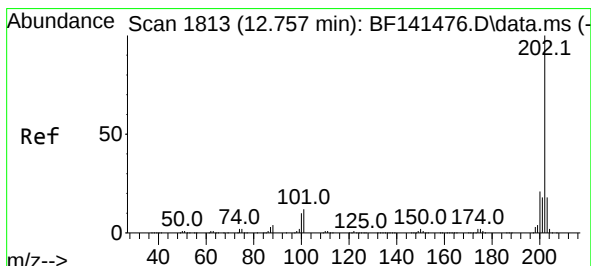
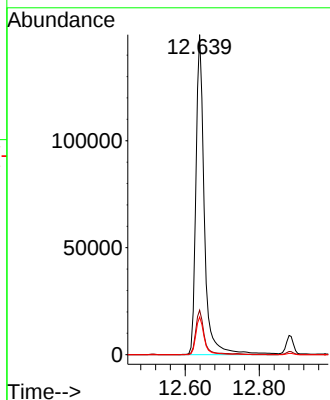
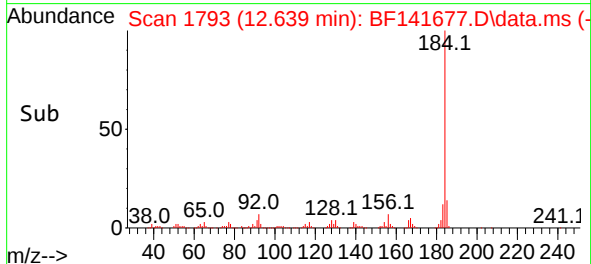
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



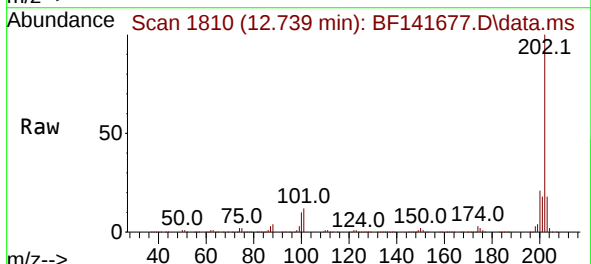
Tgt Ion:184 Resp: 236682
Ion Ratio Lower Upper
184 100
185 13.9 11.3 16.9
183 11.8 9.3 13.9

Manual Integrations
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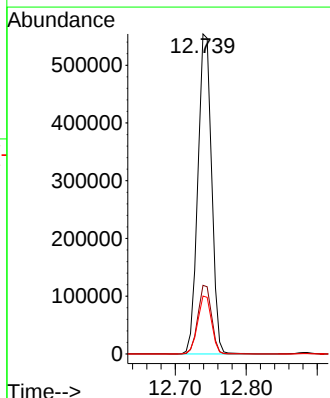
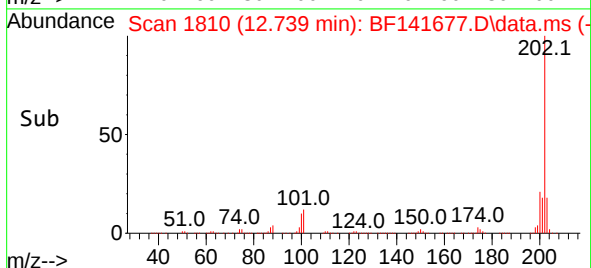
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

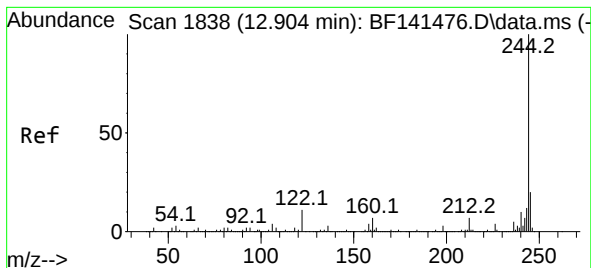


#78
Pyrene
Concen: 48.825 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.024 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



Tgt Ion:202 Resp: 748472
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 80.751 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

Instrument :

BNA_F

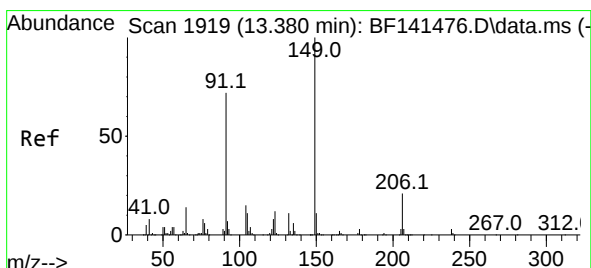
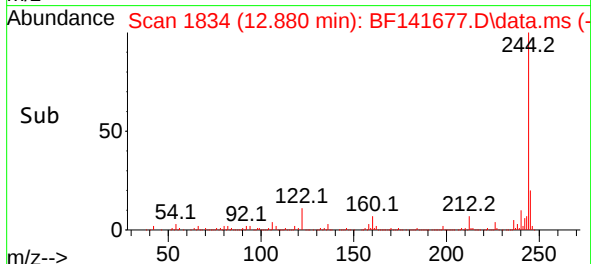
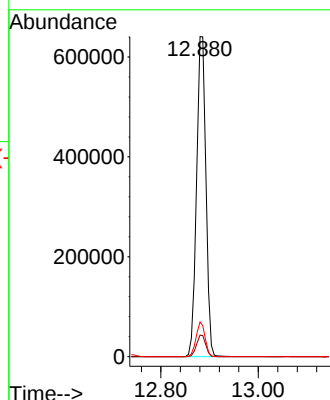
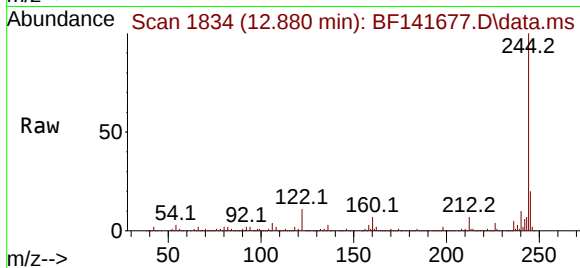
ClientSampleId :

OU4-PCS-TC-03-021725MS

Tgt Ion:244 Resp: 861385
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.9 8.4 12.6

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#80

Butylbenzylphthalate

Concen: 52.476 ng

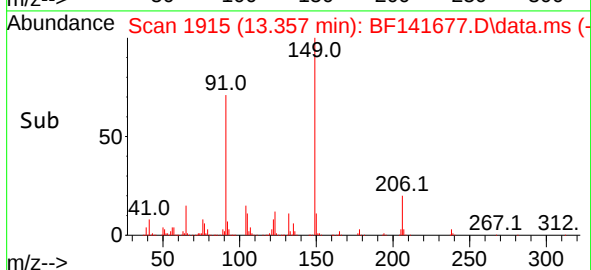
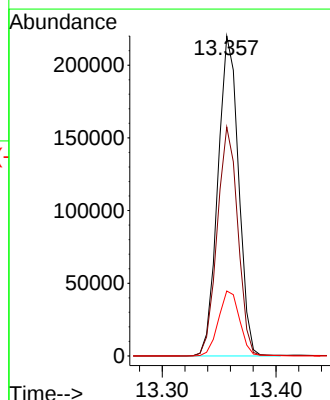
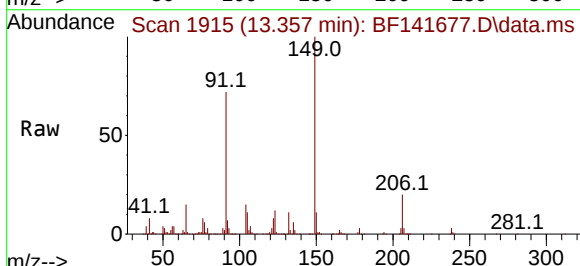
RT: 13.357 min Scan# 1915

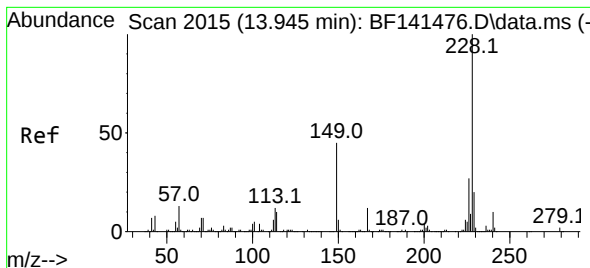
Delta R.T. -0.024 min

Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

Tgt Ion:149 Resp: 278634
 Ion Ratio Lower Upper
 149 100
 91 71.6 57.8 86.8
 206 20.3 16.7 25.1





#81

Benzo(a)anthracene

Concen: 43.117 ng

RT: 13.927 min Scan# 2015

Delta R.T. -0.024 min

Lab File: BF141677.D

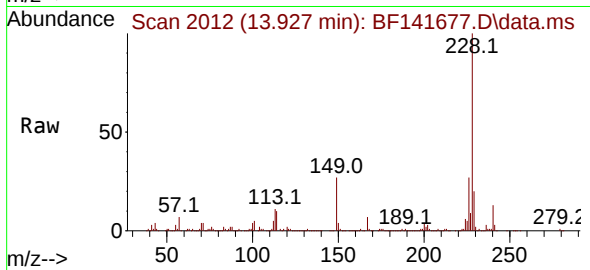
Acq: 19 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-03-021725MS



Tgt Ion:228 Resp: 51613

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

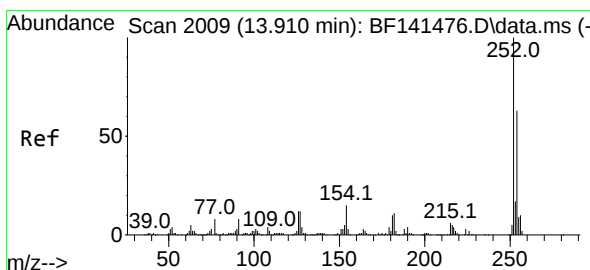
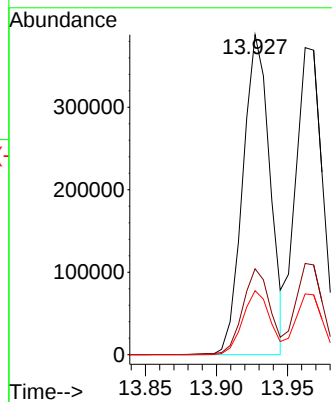
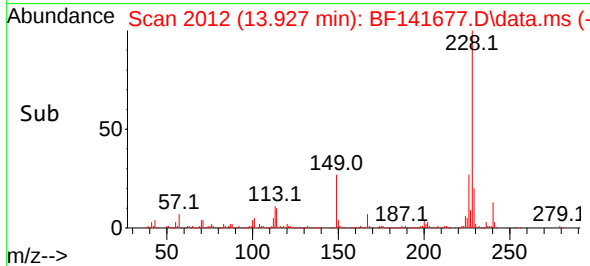
229 20.0 15.8 23.6

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#82

3,3'-Dichlorobenzidine

Concen: 31.048 ng

RT: 13.892 min Scan# 2006

Delta R.T. -0.024 min

Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

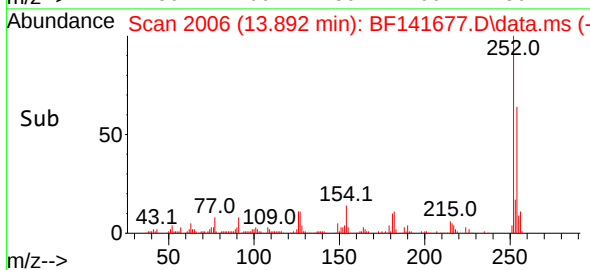
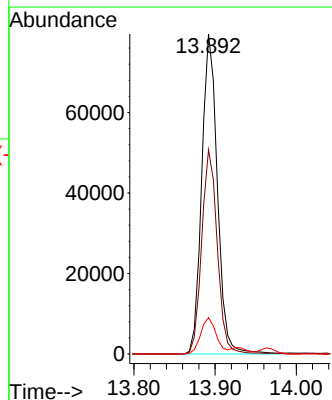
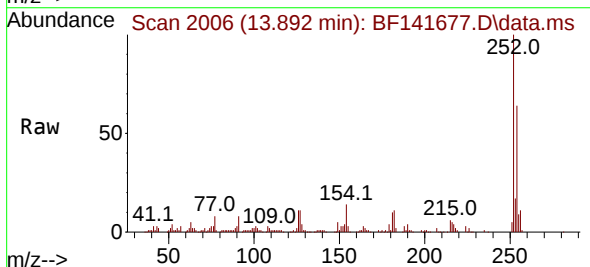
Tgt Ion:252 Resp: 106463

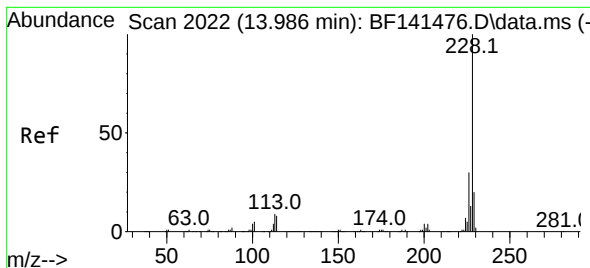
Ion Ratio Lower Upper

252 100

254 63.8 50.6 76.0

126 11.3 9.3 13.9





#83

Chrysene

Concen: 44.604 ng

RT: 13.962 min Scan# 2010

Delta R.T. -0.029 min

Lab File: BF141677.D

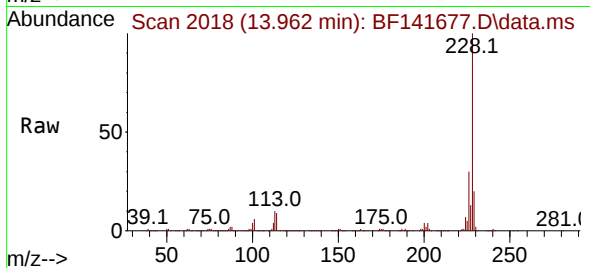
Acq: 19 Feb 2025 16:15

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-03-021725MS



Tgt Ion:228 Resp: 493010

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

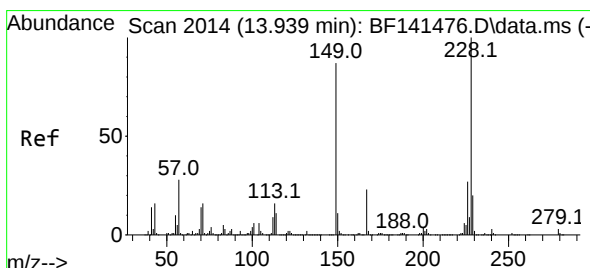
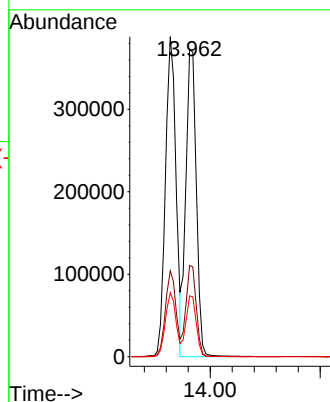
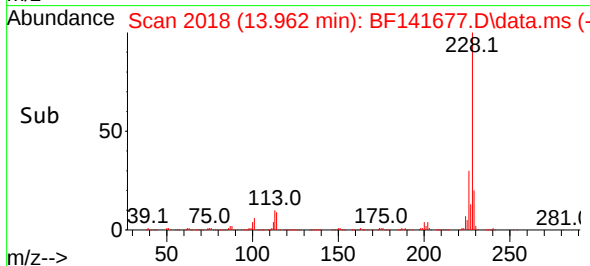
229 19.8 15.7 23.5

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.545 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.024 min

Lab File: BF141677.D

Acq: 19 Feb 2025 16:15

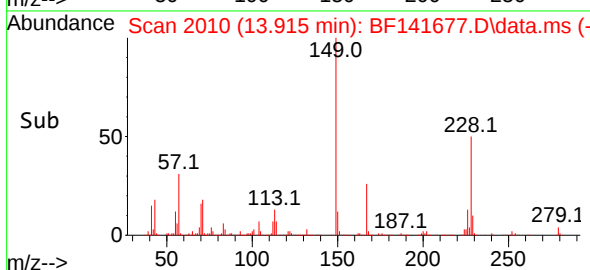
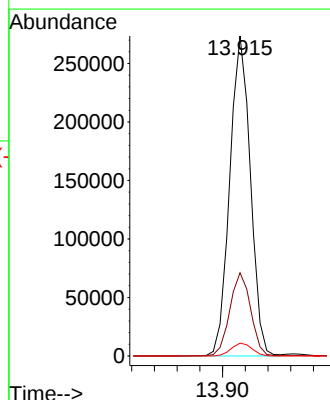
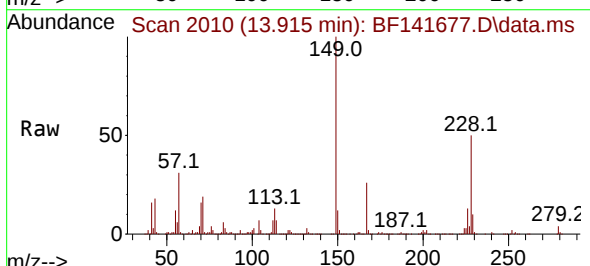
Tgt Ion:149 Resp: 344616

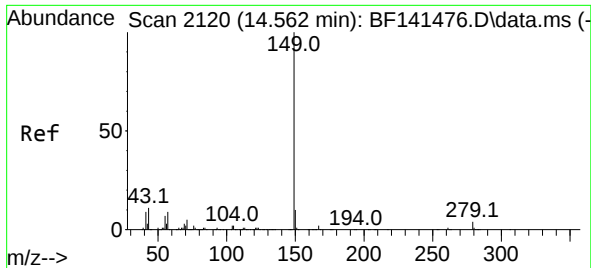
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.0

279 4.0 3.1 4.7





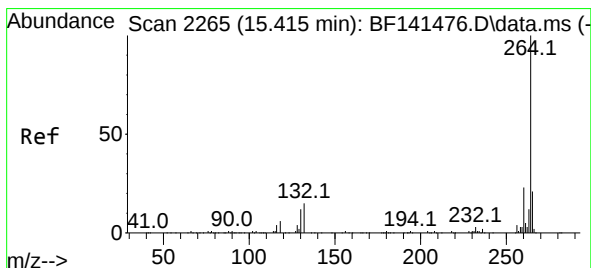
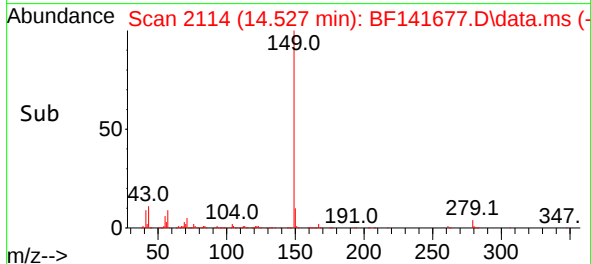
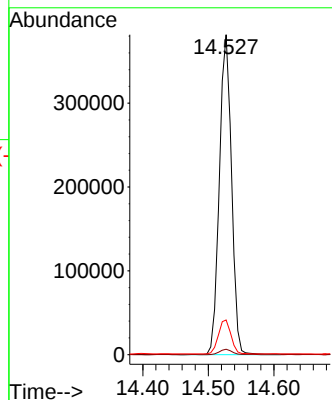
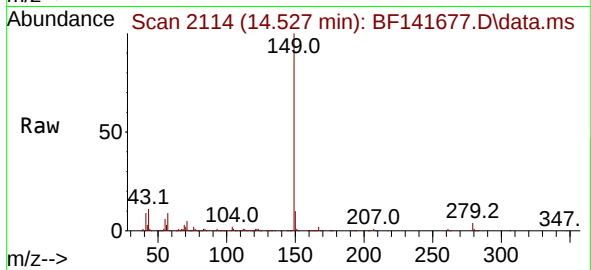
#85
Di-n-octyl phthalate
Concen: 57.156 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS

Tgt Ion:149 Resp: 488300
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 11.0 9.5 14.3

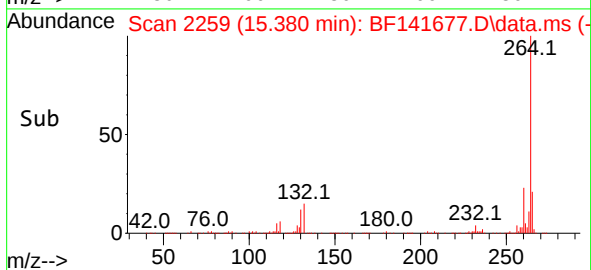
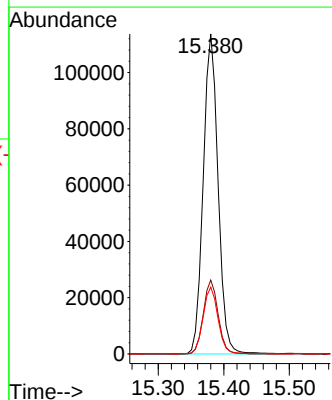
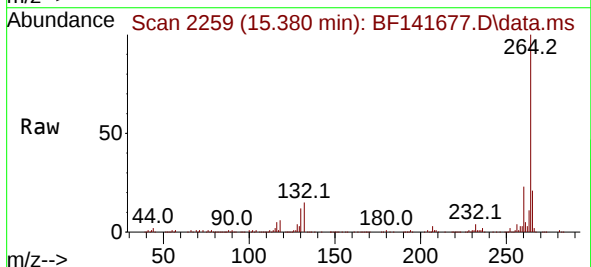
Manual Integrations
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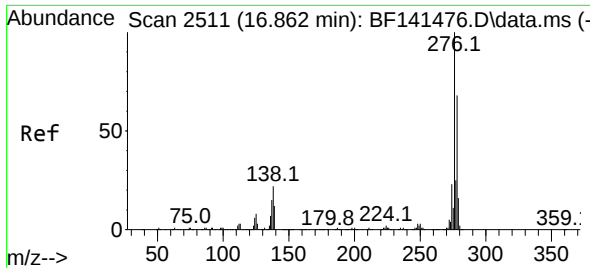
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

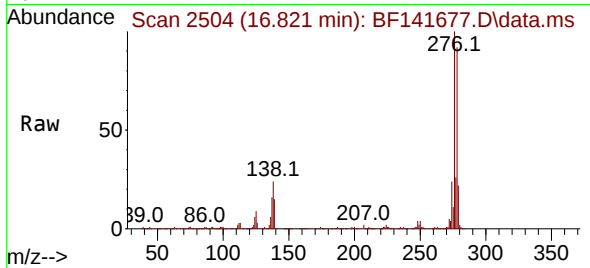
Tgt Ion:264 Resp: 179352
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 20.9 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.657 ng
RT: 16.821 min Scan# 2188
Delta R.T. -0.053 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

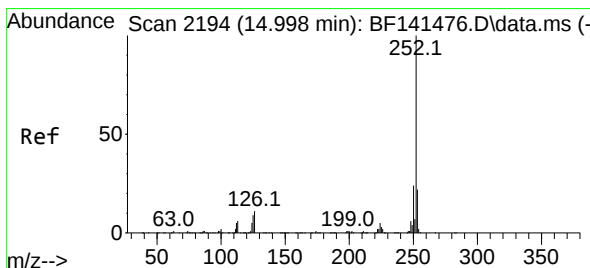
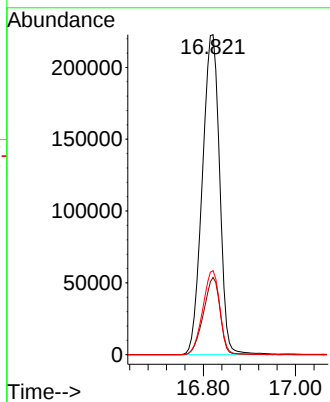
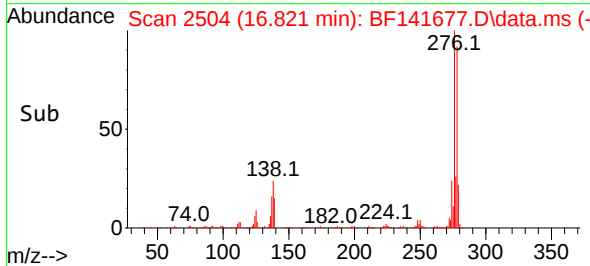
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:276 Resp: 58354
Ion Ratio Lower Upper
276 100
138 23.3 18.0 27.0
277 25.9 20.4 30.6

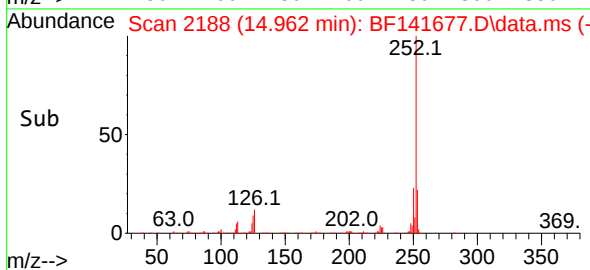
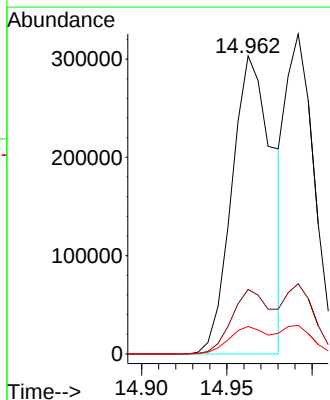
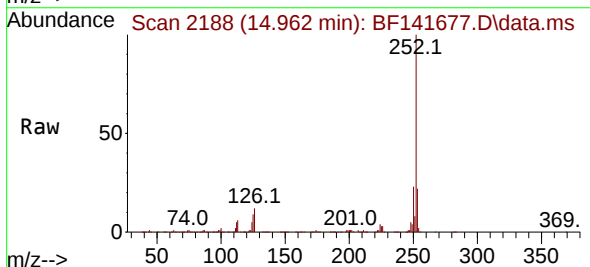
Manual Integrations
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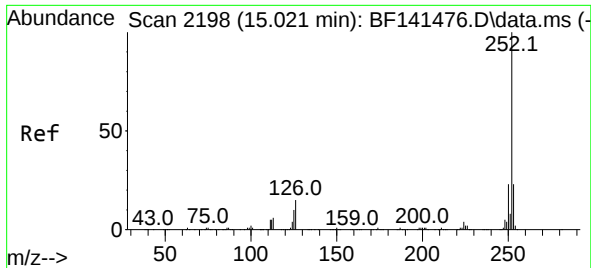
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#88
Benzo(b)fluoranthene
Concen: 41.867 ng
RT: 14.962 min Scan# 2188
Delta R.T. -0.041 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

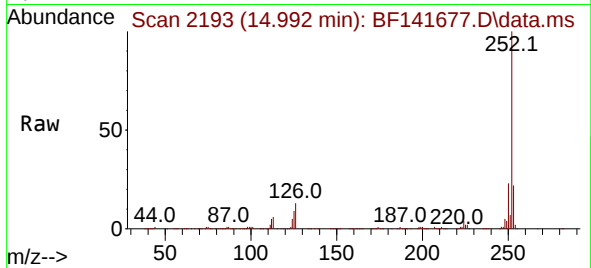
Tgt Ion:252 Resp: 504183
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.3 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 36.778 ng
RT: 14.992 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

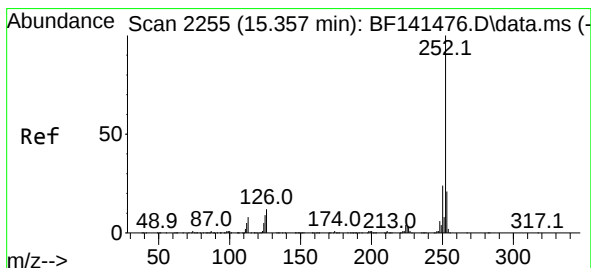
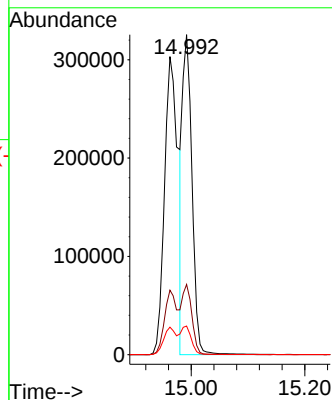
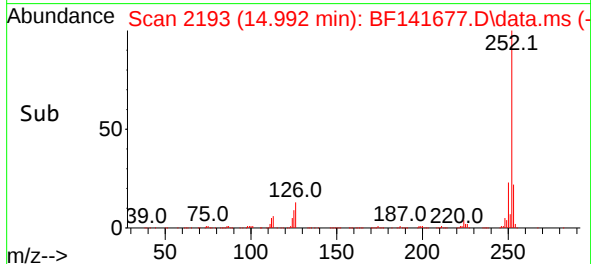
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



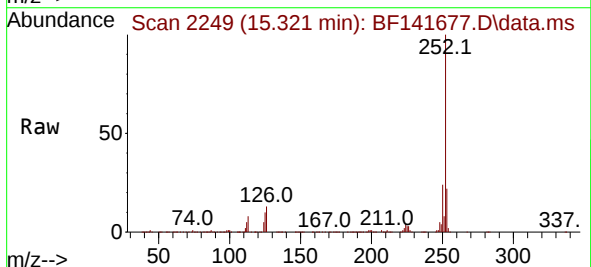
Tgt Ion:252 Resp: 378190
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 9.0 7.4 11.0

Manual Integrations
APPROVED

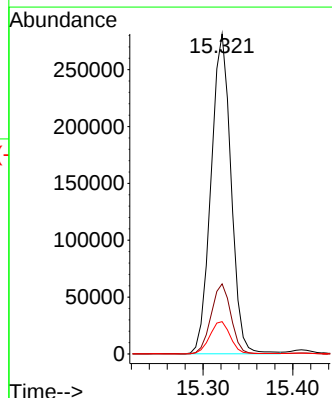
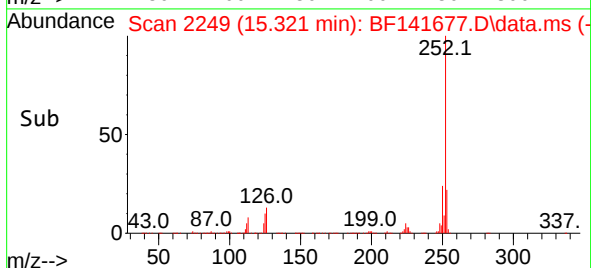
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

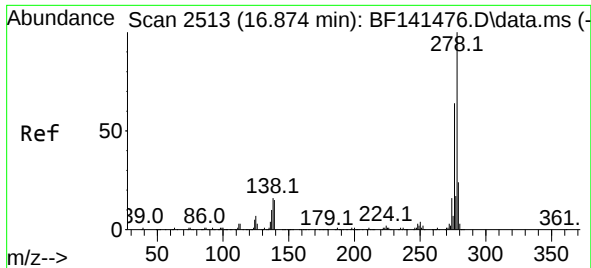


#90
Benzo(a)pyrene
Concen: 44.630 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15



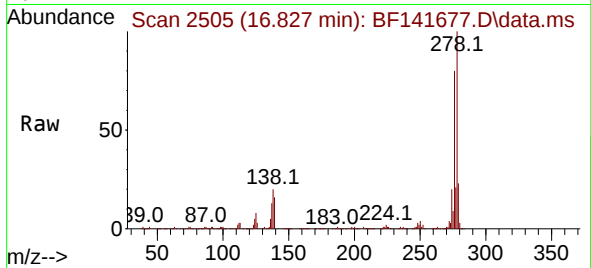
Tgt Ion:252 Resp: 434893
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 10.1 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 52.903 ng
RT: 16.827 min Scan# 2505
Delta R.T. -0.065 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

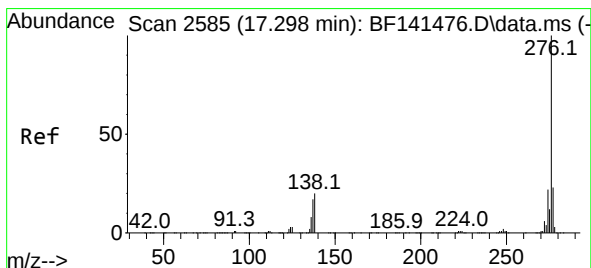
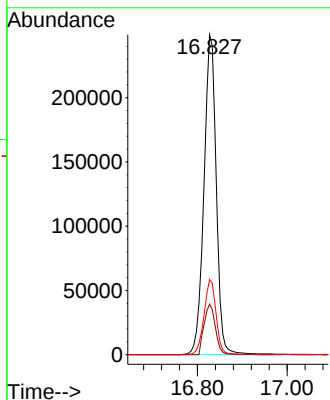
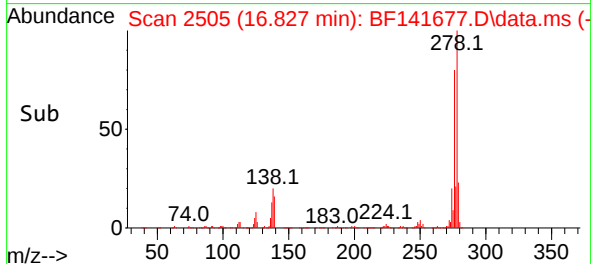
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725MS



Tgt Ion:278 Resp: 475044
Ion Ratio Lower Upper
278 100
139 15.8 11.8 17.6
279 23.4 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#92
Benzo(g,h,i)perylene
Concen: 48.943 ng
RT: 17.245 min Scan# 2576
Delta R.T. -0.071 min
Lab File: BF141677.D
Acq: 19 Feb 2025 16:15

Tgt Ion:276 Resp: 459907
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 19.1 15.9 23.9

