

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141691.D
 Acq On : 19 Feb 2025 23:06
 Operator : RC/JU
 Sample : Q1383-09MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-15-021725MS

Quant Time: Feb 20 00:16:30 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	91383	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	356803	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	191594	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	315237	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	173447	20.000	ng	-0.02
86) Perylene-d12	15.380	264	184904	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	490441	84.139	ng	0.00
7) Phenol-d6	6.422	99	609238	82.695	ng	-0.02
23) Nitrobenzene-d5	7.345	82	390191	57.039	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	165124	85.794	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	753926	60.625	ng	-0.02
79) Terphenyl-d14	12.880	244	737462	71.778	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	101123	43.104	ng	98
3) Pyridine	3.287	79	227652	40.779	ng	92
4) n-Nitrosodimethylamine	3.240	42	138761	37.538	ng	89
6) Aniline	6.445	93	198915	28.783	ng	87
8) 2-Chlorophenol	6.569	128	270716	42.982	ng	99
9) Benzaldehyde	6.328	77	115667	29.545	ng	98
10) Phenol	6.440	94	326566	42.588	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	248163	43.088	ng	99
12) 1,3-Dichlorobenzene	6.722	146	283509	42.637	ng	97
13) 1,4-Dichlorobenzene	6.798	146	286870	42.226	ng	98
14) 1,2-Dichlorobenzene	6.951	146	272588	43.231	ng	99
15) Benzyl Alcohol	6.928	79	222989	39.470	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	387829	39.337	ng	80
17) 2-Methylphenol	7.045	107	208590	42.320	ng	97
18) Hexachloroethane	7.287	117	106931	42.530	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	182558	41.426	ng	95
20) 3+4-Methylphenols	7.198	107	271902	43.408	ng	94
22) Acetophenone	7.192	105	405595	45.697	ng	95
24) Nitrobenzene	7.363	77	276454	41.444	ng	100
25) Isophorone	7.604	82	490001	44.924	ng	99
26) 2-Nitrophenol	7.681	139	143090	43.116	ng	96
27) 2,4-Dimethylphenol	7.722	122	210930	54.405	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	299943	42.915	ng	99
29) 2,4-Dichlorophenol	7.928	162	222545	42.483	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	241030	42.253	ng	100
31) Naphthalene	8.087	128	775721	41.766	ng	100
32) Benzoic acid	7.863	122	135395	33.621	ng	96
33) 4-Chloroaniline	8.145	127	50619	7.806	ng	98
34) Hexachlorobutadiene	8.198	225	149026	43.516	ng	99
35) Caprolactam	8.510	113	77102m	48.342	ng	
36) 4-Chloro-3-methylphenol	8.634	107	236342	40.730	ng	98
37) 2-Methylnaphthalene	8.775	142	488399	40.410	ng	99
38) 1-Methylnaphthalene	8.875	142	472328	40.350	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	264867	47.784	ng	98
41) Hexachlorocyclopentadiene	8.928	237	233821	126.824	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	152206	42.485	ng	99

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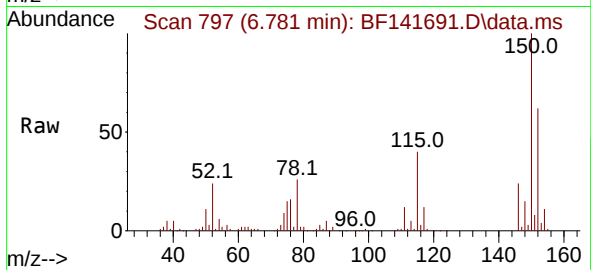
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	161058	41.481	ng	98
46) 1,1'-Biphenyl	9.239	154	695306	46.810	ng	99
47) 2-Chloronaphthalene	9.263	162	477930	43.511	ng	99
48) 2-Nitroaniline	9.363	65	150715	40.886	ng	96
49) Acenaphthylene	9.681	152	733342	44.887	ng	100
50) Dimethylphthalate	9.539	163	560273	43.075	ng	100
51) 2,6-Dinitrotoluene	9.604	165	123670	43.494	ng	98
52) Acenaphthene	9.851	154	456548	41.567	ng	99
53) 3-Nitroaniline	9.775	138	65848	21.517	ng	99
54) 2,4-Dinitrophenol	9.892	184	111818	66.168	ng	89
55) Dibenzofuran	10.022	168	665170	41.259	ng	99
56) 4-Nitrophenol	9.957	139	171082	75.307	ng	92
57) 2,4-Dinitrotoluene	10.010	165	165008	43.593	ng	100
58) Fluorene	10.363	166	528335	42.384	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	135703	40.597	ng	94
60) Diethylphthalate	10.239	149	537334	41.988	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	258751	43.147	ng	98
62) 4-Nitroaniline	10.392	138	119535	38.467	ng	95
63) Azobenzene	10.516	77	542497	42.642	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	78982	36.068	ng	94
66) n-Nitrosodiphenylamine	10.475	169	456846	45.272	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	156576	44.442	ng	98
68) Hexachlorobenzene	10.910	284	164848	45.439	ng	98
69) Atrazine	11.004	200	169018	55.831	ng	99
70) Pentachlorophenol	11.110	266	152558	65.764	ng	100
71) Phenanthrene	11.328	178	758154	43.692	ng	100
72) Anthracene	11.380	178	771214	44.212	ng	100
73) Carbazole	11.533	167	648043	41.289	ng	100
74) Di-n-butylphthalate	11.863	149	792615	43.736	ng	100
75) Fluoranthene	12.510	202	703158	38.222	ng	100
77) Benzidine	12.639	184	232481	60.775	ng	99
78) Pyrene	12.739	202	696703	47.186	ng	100
80) Butylbenzylphthalate	13.357	149	261679	51.167	ng	99
81) Benzo(a)anthracene	13.927	228	493567	42.809	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	102649	31.080	ng	99
83) Chrysene	13.963	228	466344	43.805	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	329913	57.197	ng	100
85) Di-n-octyl phthalate	14.527	149	479672	58.294	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	574071	50.247	ng	99
88) Benzo(b)fluoranthene	14.963	252	446800	35.988	ng	99
89) Benzo(k)fluoranthene	14.992	252	463896m	43.757	ng	
90) Benzo(a)pyrene	15.321	252	448618	44.656	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	465267	50.258	ng	99
92) Benzo(g,h,i)perylene	17.245	276	455897	47.060	ng	99

(#) = 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: BF141691.D
 Acq: 19 Feb 2025 23:06

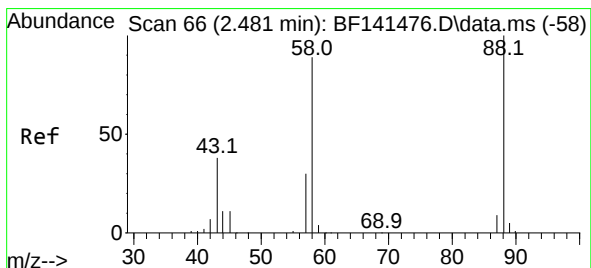
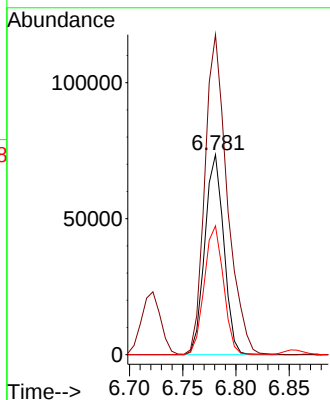
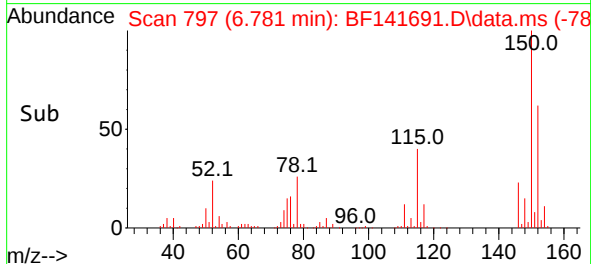
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-15-021725MS



Tgt Ion: 152 Resp: 9138
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.0 187.4
 115 64.5 53.6 80.4

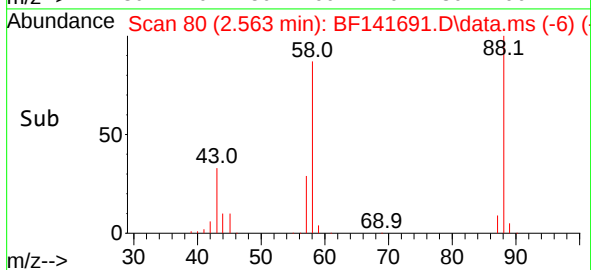
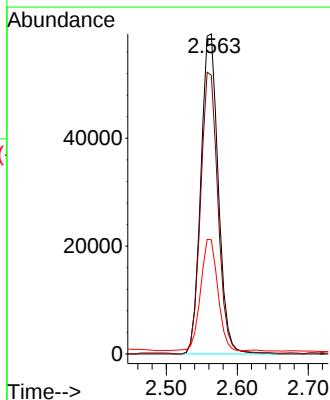
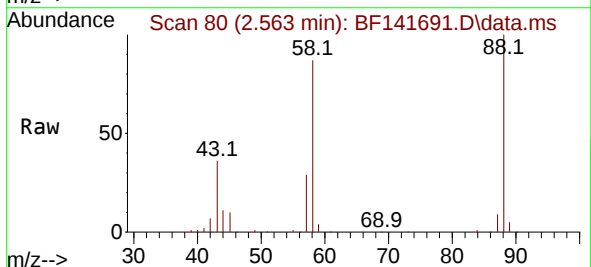
Manual Integrations
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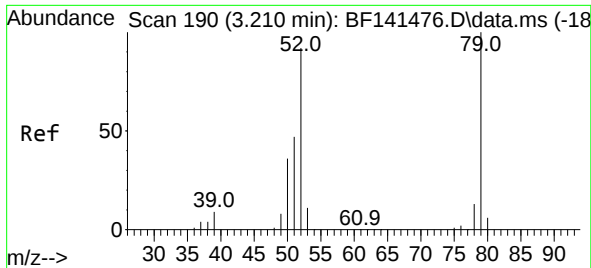
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 Supervised By :Jagrut Upadhyay 02/20/2025



#2
 1,4-Dioxane
 Concen: 43.104 ng
 RT: 2.563 min Scan# 80
 Delta R.T. 0.083 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

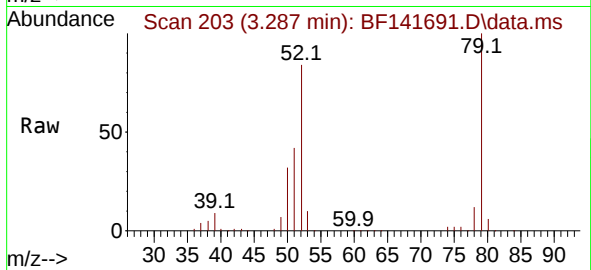
Tgt Ion: 88 Resp: 101123
 Ion Ratio Lower Upper
 88 100
 58 88.4 71.1 106.7
 43 34.3 30.6 46.0





#3
Pyridine
Concen: 40.779 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

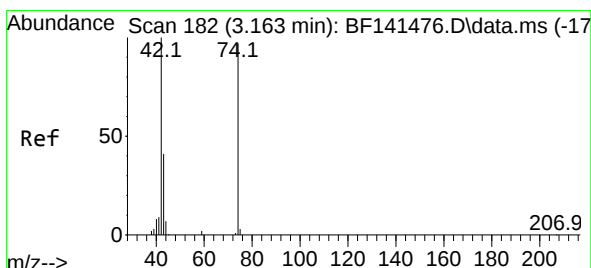
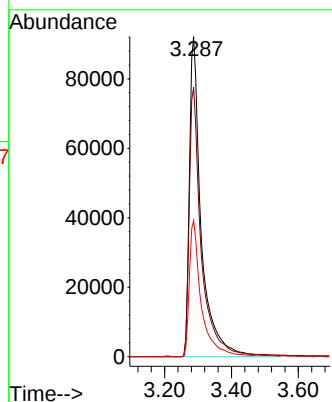
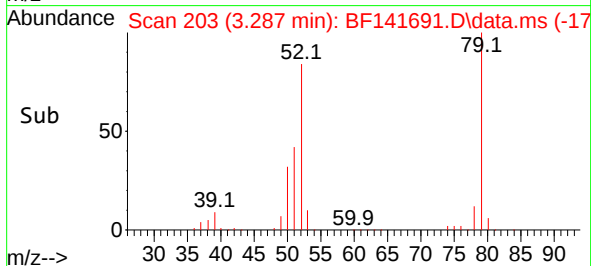
Instrument :
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OU4-PCS-TC-15-021725MS



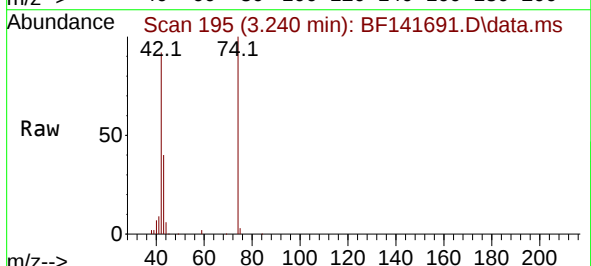
Tgt Ion: 79 Resp: 227652
Ion Ratio Lower Upper
79 100
52 84.2 73.7 110.5
51 42.5 37.5 56.3

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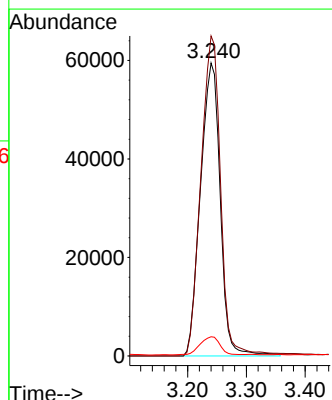
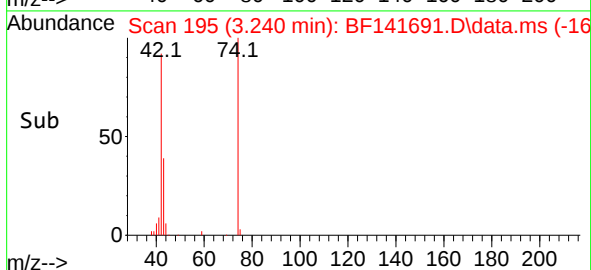
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#4
n-Nitrosodimethylamine
Concen: 37.538 ng
RT: 3.240 min Scan# 195
Delta R.T. 0.053 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



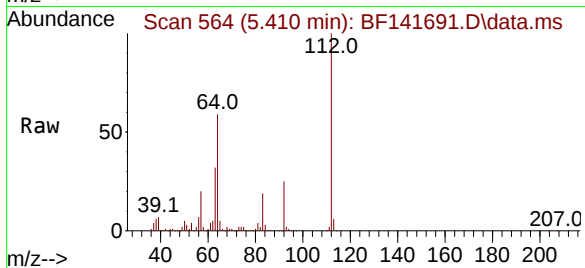
Tgt Ion: 42 Resp: 138761
Ion Ratio Lower Upper
42 100
74 109.2 78.0 117.0
44 6.6 5.4 8.2





#5
2-Fluorophenol
Concen: 84.139 ng
RT: 5.410 min Scan# 501
Delta R.T. 0.000 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

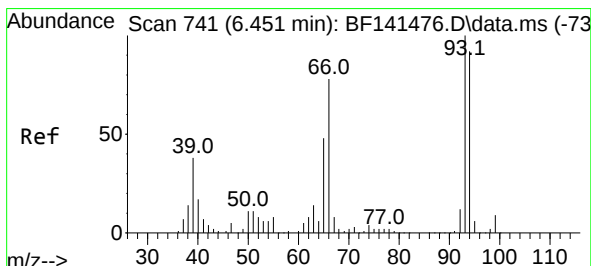
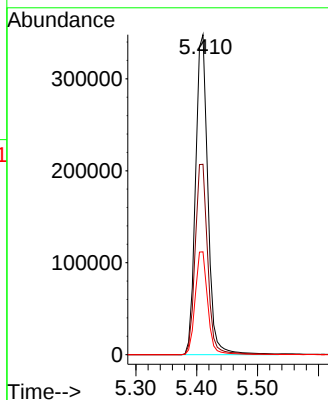
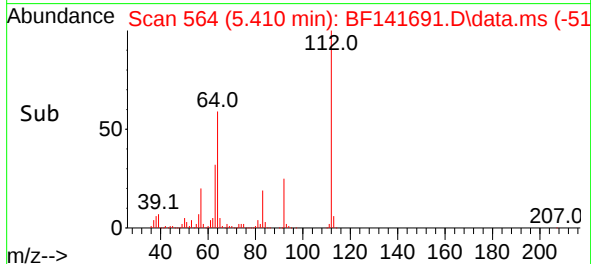
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:112 Resp: 49044
Ion Ratio Lower Upper
112 100
64 59.5 51.1 76.7
63 32.1 28.4 42.6

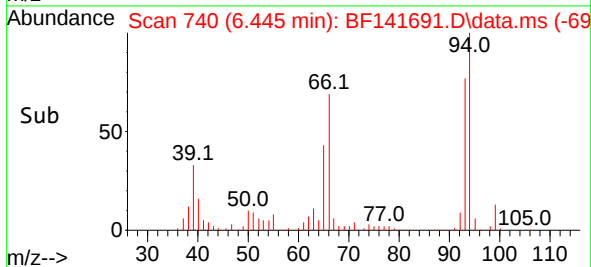
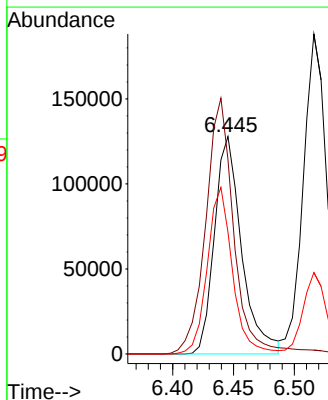
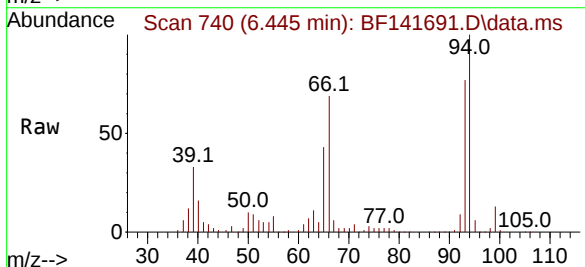
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#6
Aniline
Concen: 28.783 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

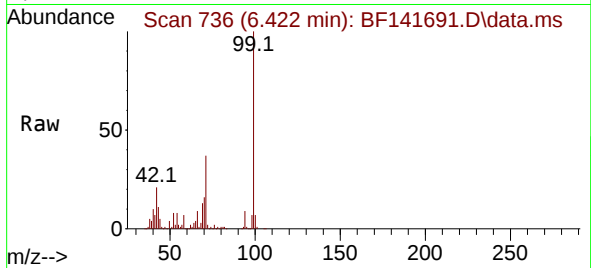
Tgt Ion: 93 Resp: 198915
Ion Ratio Lower Upper
93 100
66 89.5 62.6 94.0
65 56.1 38.3 57.5





#7
Phenol-d6
Concen: 82.695 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

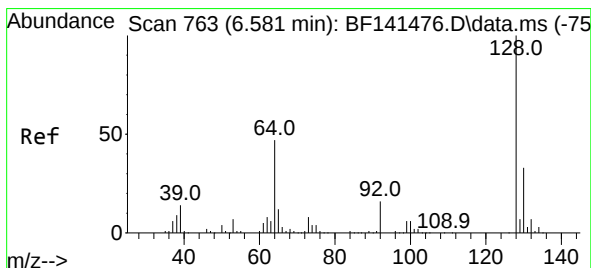
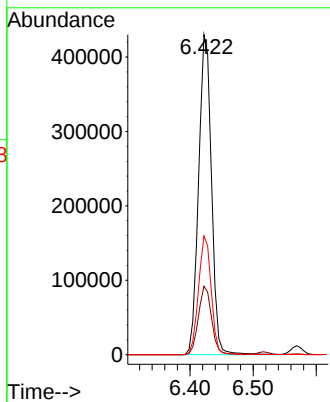
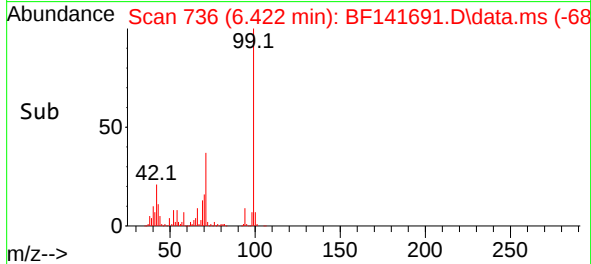
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 609238
Ion Ratio Lower Upper
99 100
42 21.4 19.1 28.7
71 37.1 31.1 46.7

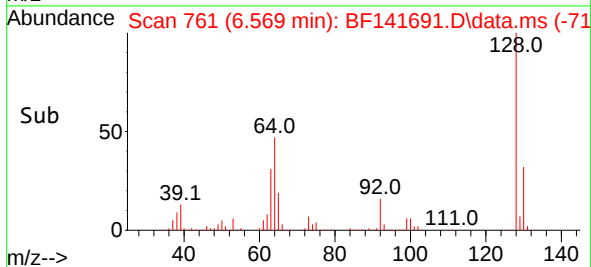
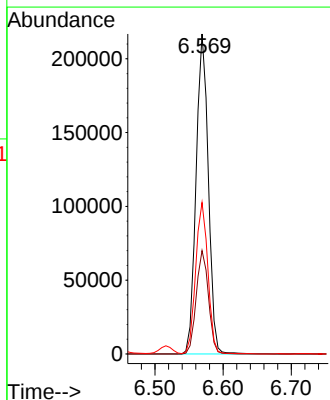
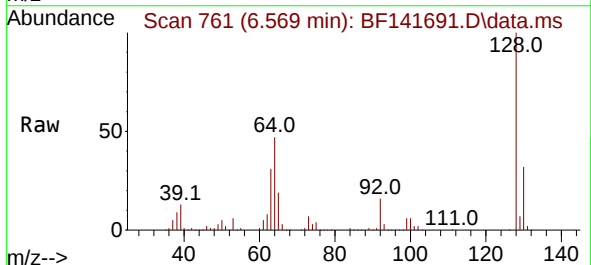
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#8
2-Chlorophenol
Concen: 42.982 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

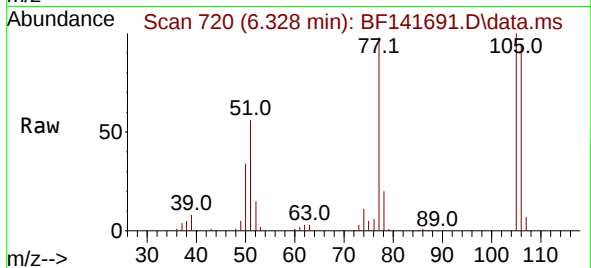
Tgt Ion:128 Resp: 270716
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 47.4 28.3 68.3





#9
Benzaldehyde
Concen: 29.545 ng
RT: 6.328 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

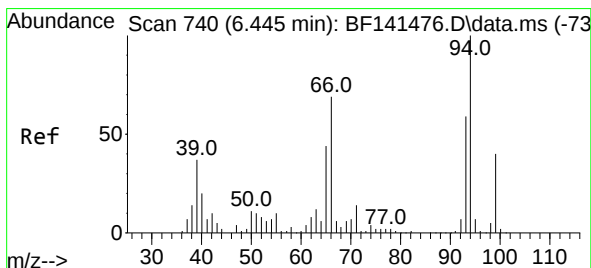
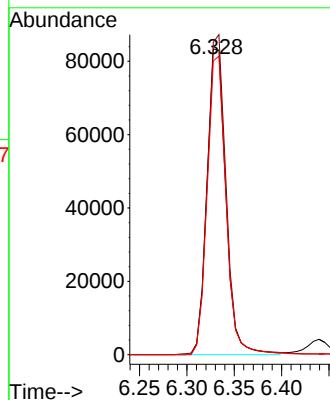
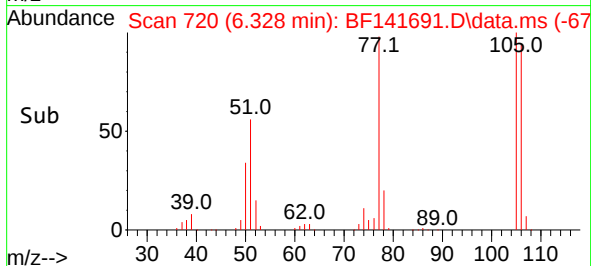
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion: 77 Resp: 11566
Ion Ratio Lower Upper
77 100
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106 96.1 75.1 115.1

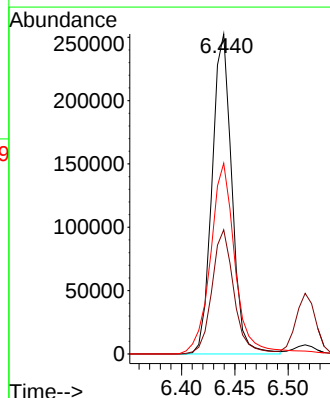
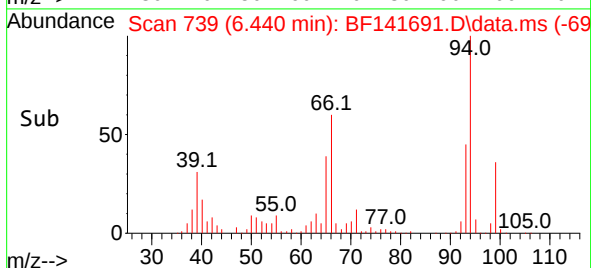
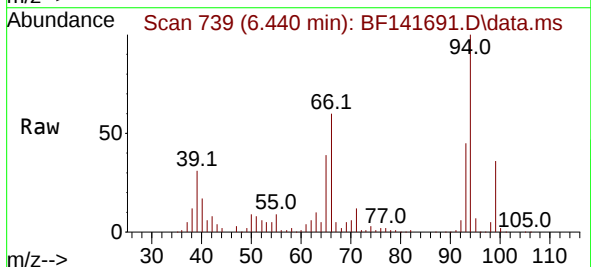
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#10
Phenol
Concen: 42.588 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

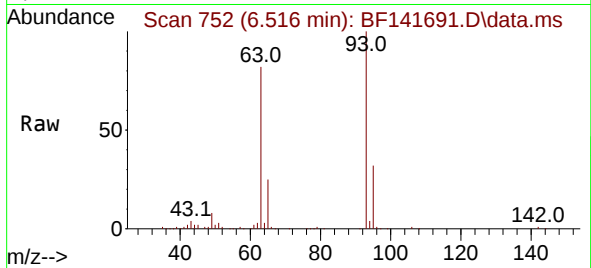
Tgt Ion: 94 Resp: 326566
Ion Ratio Lower Upper
94 100
65 38.8 23.7 63.7
66 59.6 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 43.088 ng
RT: 6.516 min Scan# 754
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

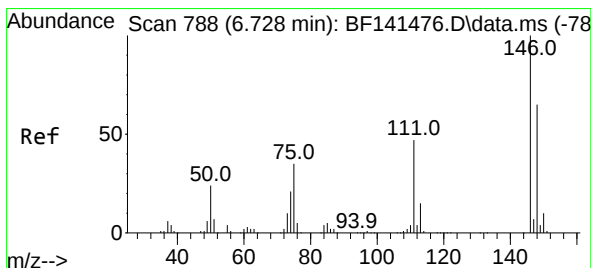
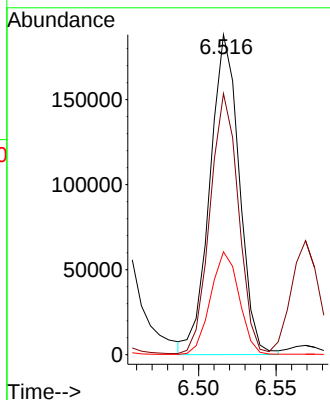
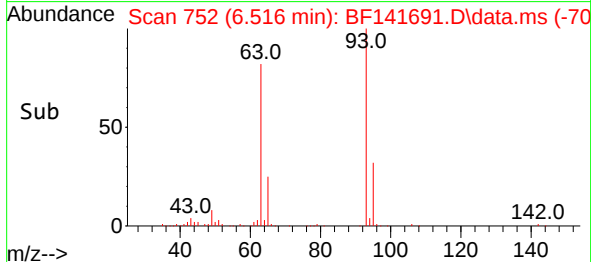
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



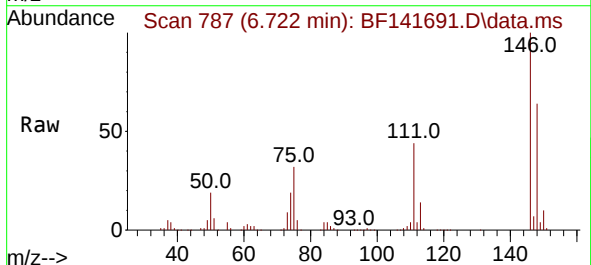
Tgt Ion: 93 Resp: 24816
Ion Ratio Lower Upper
93 100
63 81.6 62.0 102.0
95 32.2 12.6 52.6

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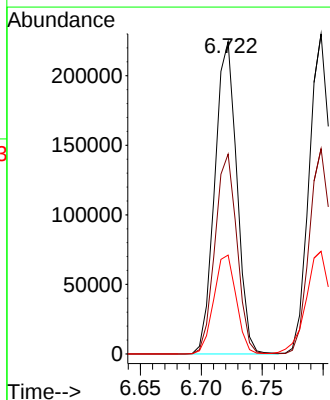
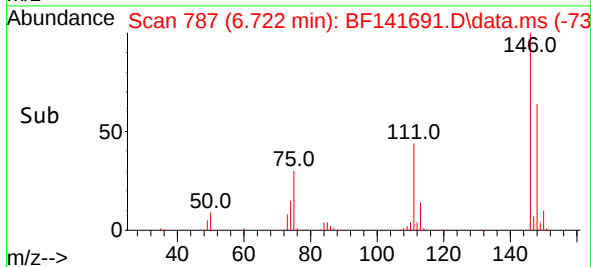
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#12
1,3-Dichlorobenzene
Concen: 42.637 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



Tgt Ion:146 Resp: 283509
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 31.7 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.226 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

Tgt Ion:146 Resp: 286870

Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

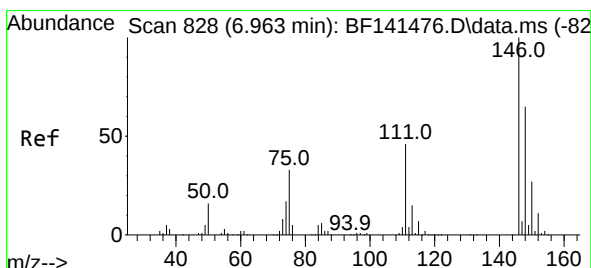
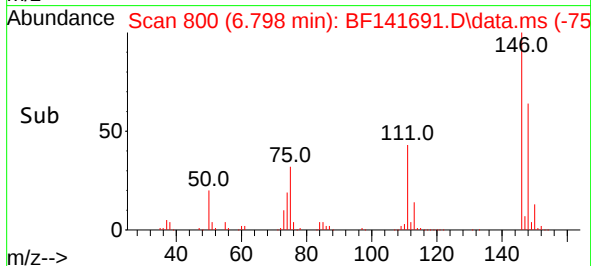
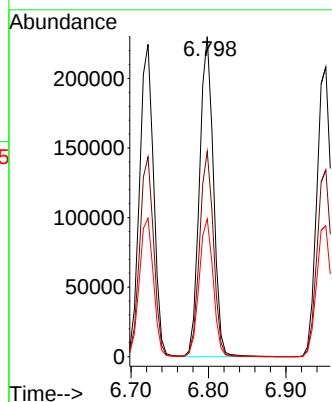
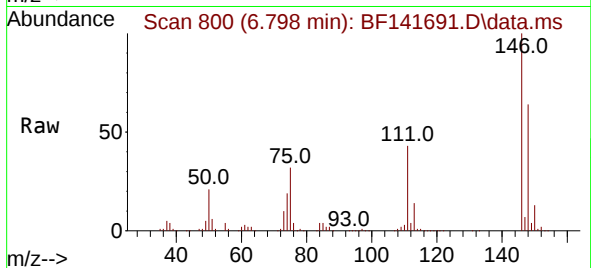
111 43.1 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#14

1,2-Dichlorobenzene

Concen: 43.231 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

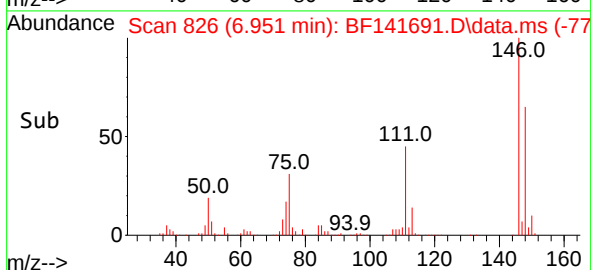
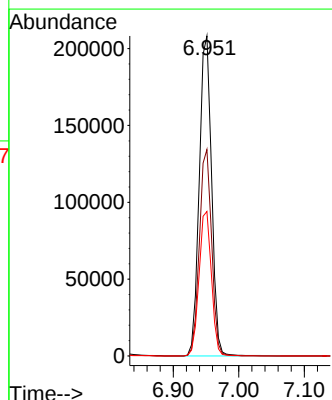
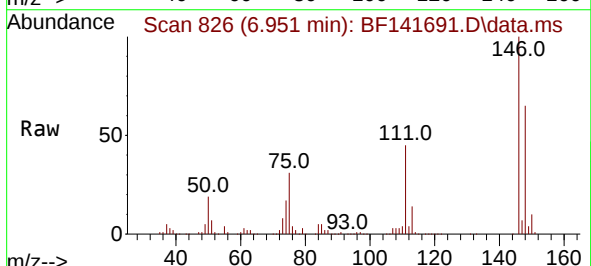
Tgt Ion:146 Resp: 272588

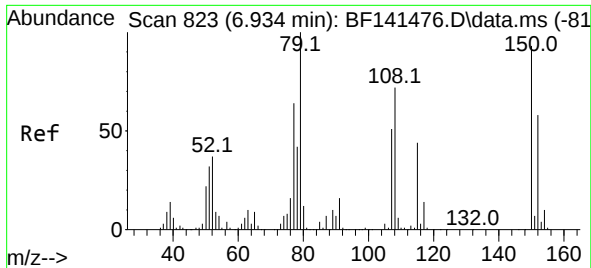
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

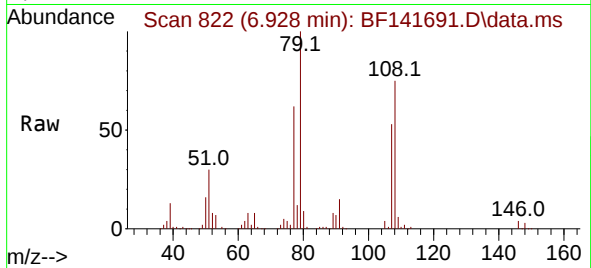
111 45.2 37.0 55.4





#15
Benzyl Alcohol
Concen: 39.470 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

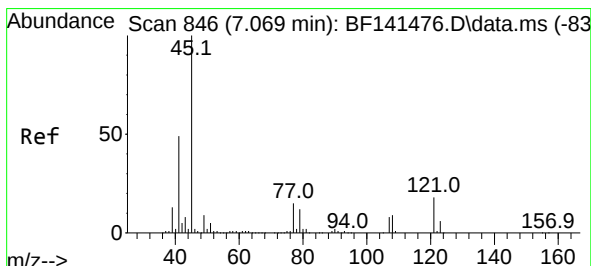
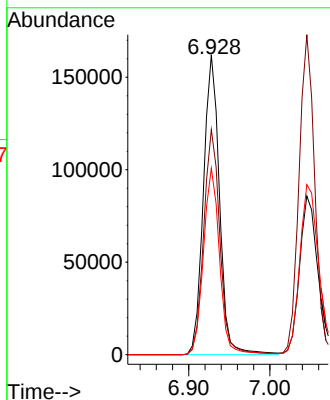
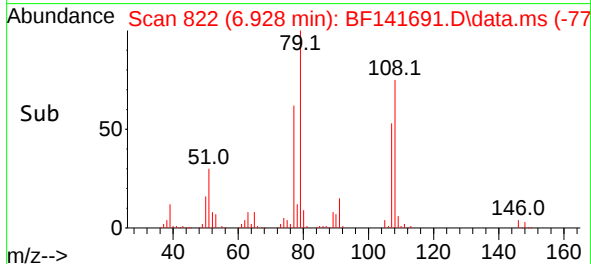
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



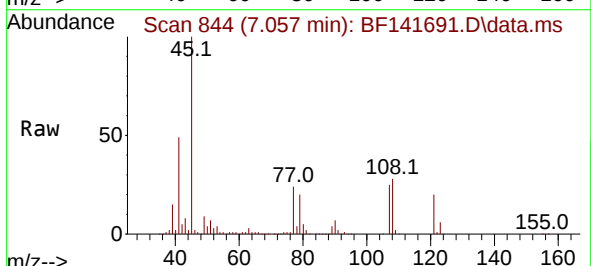
Tgt Ion: 79 Resp: 222989
Ion Ratio Lower Upper
79 100
108 75.1 57.4 86.2
77 62.1 50.9 76.3

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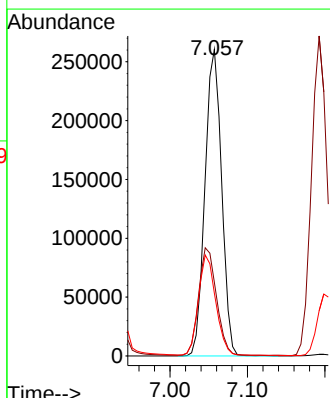
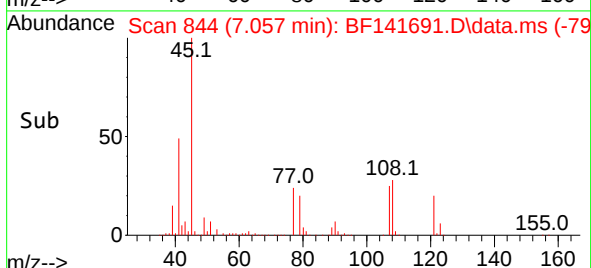
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

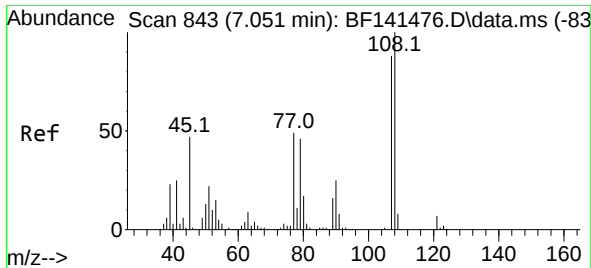


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.337 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



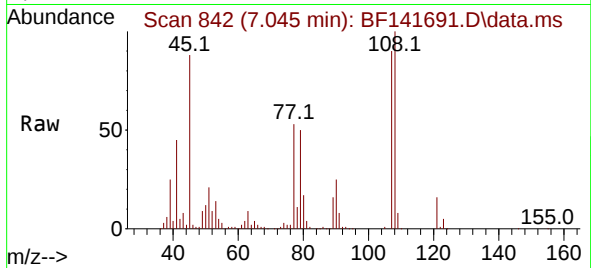
Tgt Ion: 45 Resp: 387829
Ion Ratio Lower Upper
45 100
77 24.0 0.0 35.8
79 20.5 0.0 32.7





#17
2-Methylphenol
Concen: 42.320 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

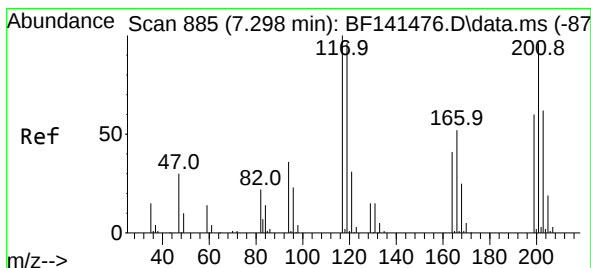
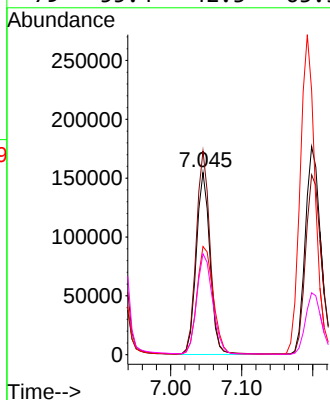
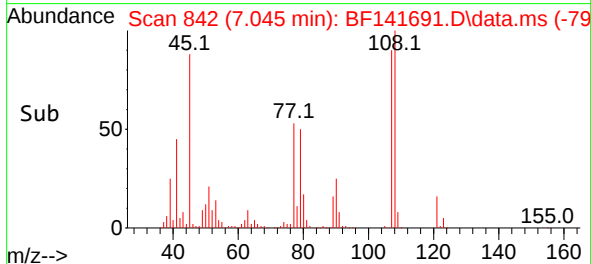
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:107 Resp: 208590
Ion Ratio Lower Upper
107 100
108 111.7 90.6 136.0
77 59.3 44.4 66.6
79 55.4 42.3 63.5

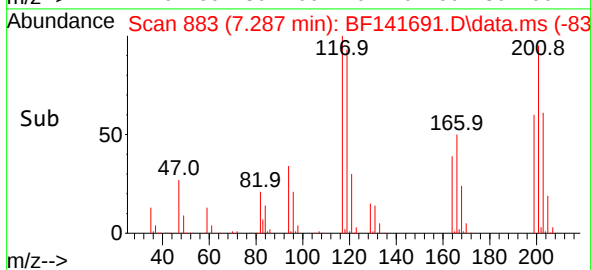
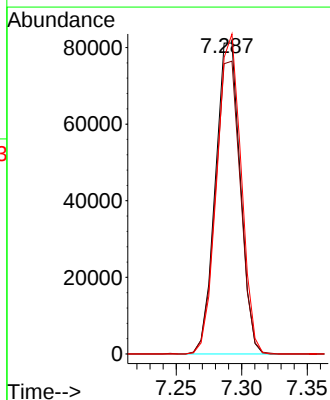
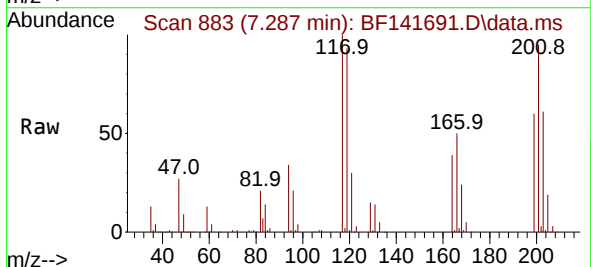
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 42.530 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

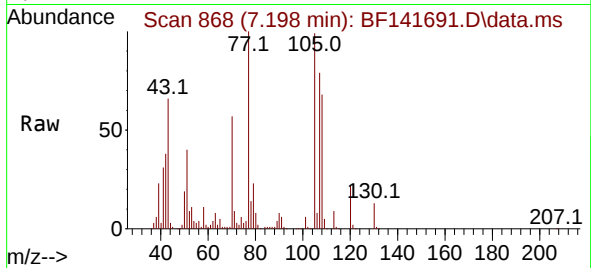
Tgt Ion:117 Resp: 106931
Ion Ratio Lower Upper
117 100
119 93.4 76.5 114.7
201 95.3 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 41.426 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

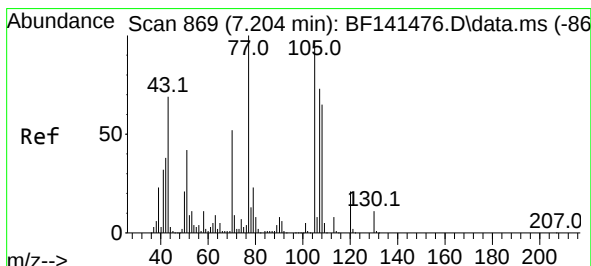
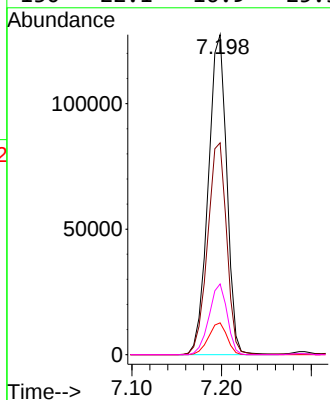
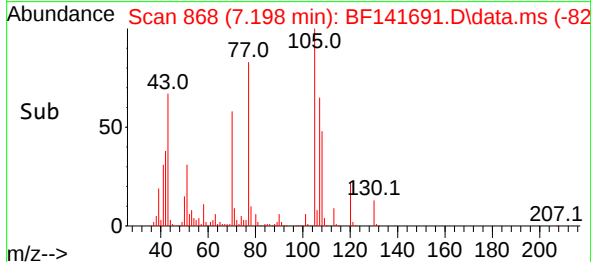
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



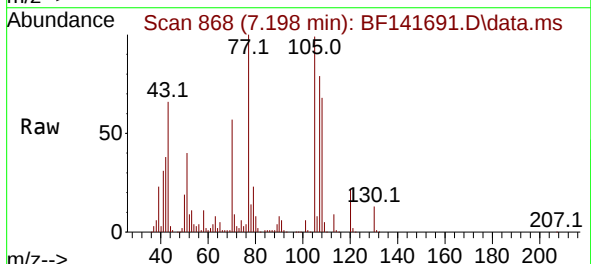
Tgt Ion: 70 Resp: 182558
Ion Ratio Lower Upper
70 100
42 66.2 57.4 86.2
101 9.9 8.0 12.0
130 22.1 16.9 25.3

Manual Integrations
APPROVED

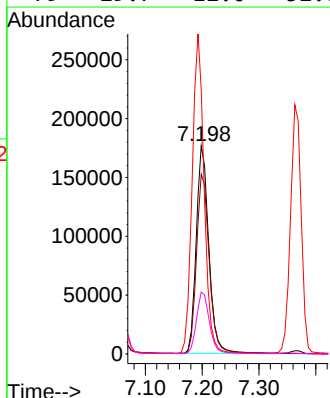
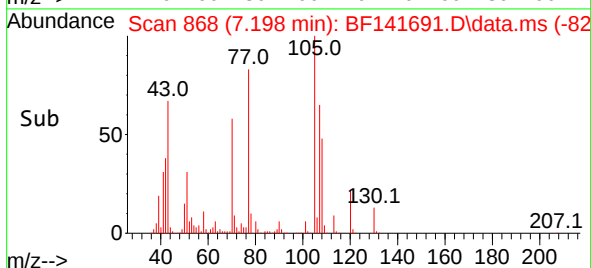
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

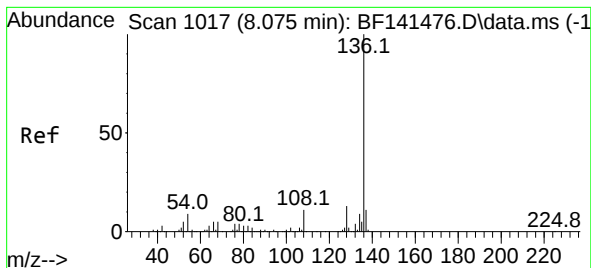


#20
3+4-Methylphenols
Concen: 43.408 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



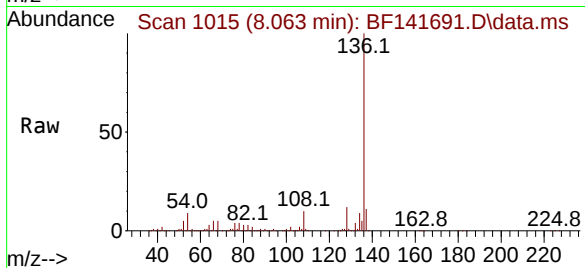
Tgt Ion:107 Resp: 271902
Ion Ratio Lower Upper
107 100
108 86.4 68.5 108.5
77 126.8 116.5 156.5
79 29.7 12.0 52.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

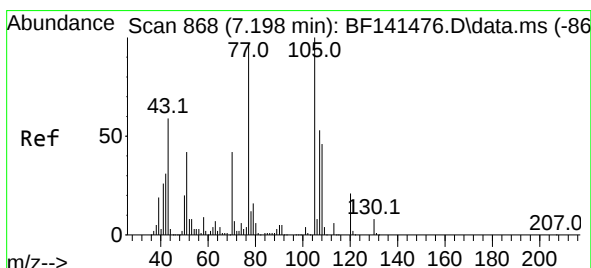
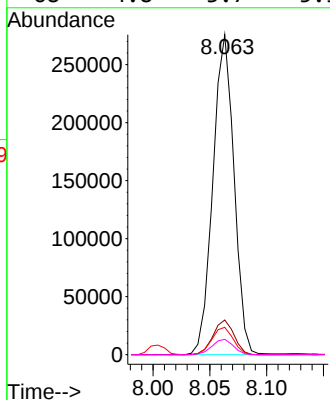
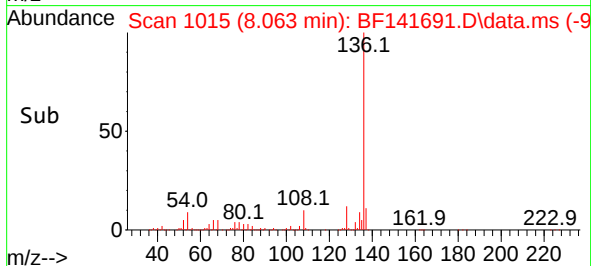
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:136 Resp: 35680
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.2 10.8
68 4.8 3.7 5.5

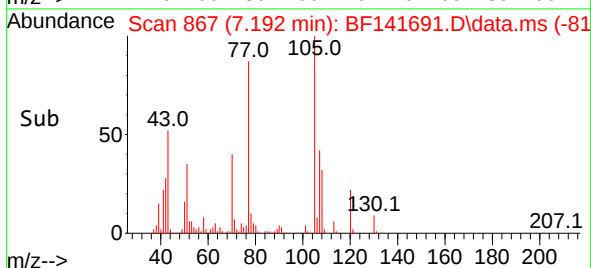
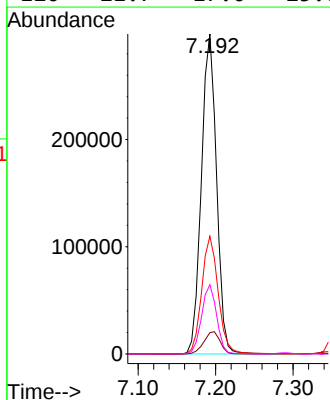
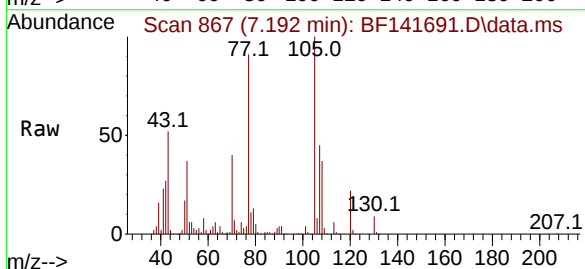
Manual Integrations
APPROVED

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



#22
Acetophenone
Concen: 45.697 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:105 Resp: 405595
Ion Ratio Lower Upper
105 100
71 6.7 5.7 8.5
51 36.8 33.7 50.5
120 21.7 17.0 25.6





#23

Nitrobenzene-d5

Concen: 57.039 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

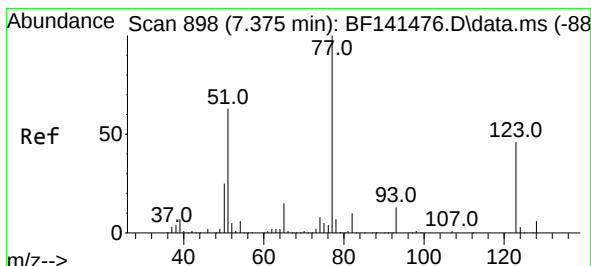
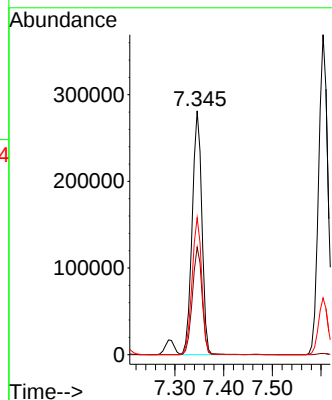
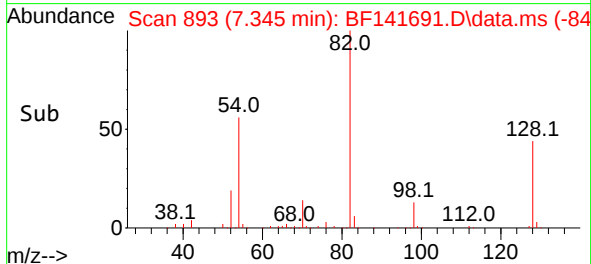
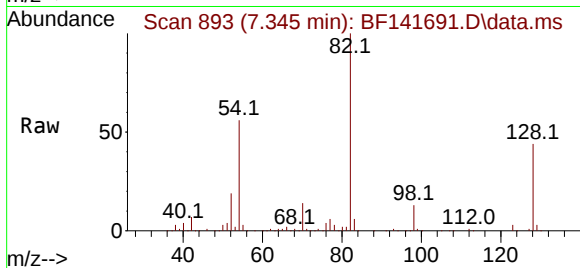
Tgt Ion: 82 Resp: 39019

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.8	52.2
54	56.2	48.2	72.4

Manual Integrations

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



#24

Nitrobenzene

Concen: 41.444 ng

RT: 7.363 min Scan# 896

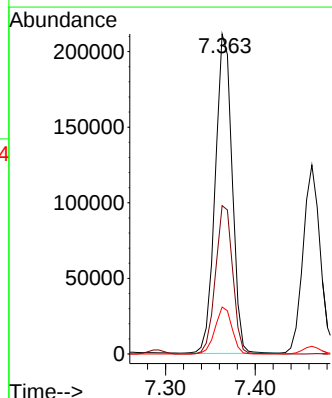
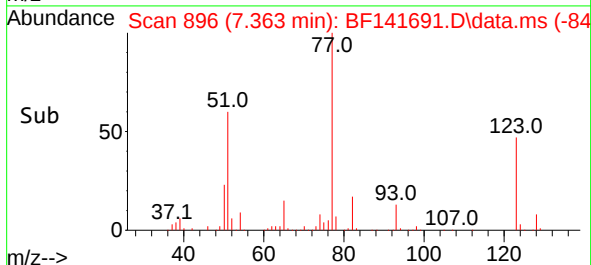
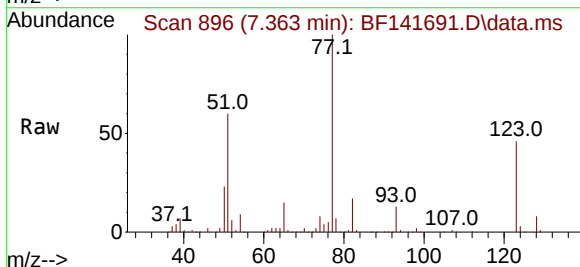
Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Tgt Ion: 77 Resp: 276454

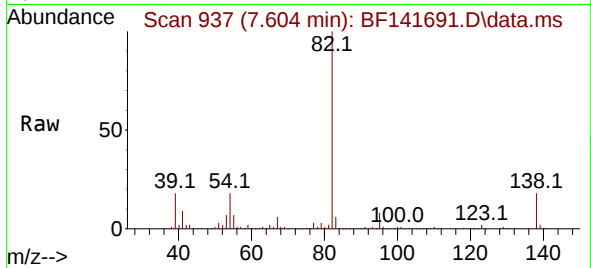
Ion	Ratio	Lower	Upper
77	100		
123	46.4	36.9	55.3
65	14.6	11.9	17.9





#25
Isophorone
Concen: 44.924 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

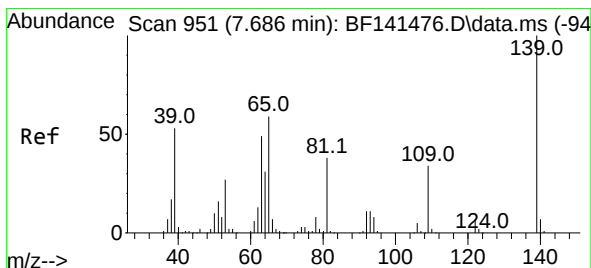
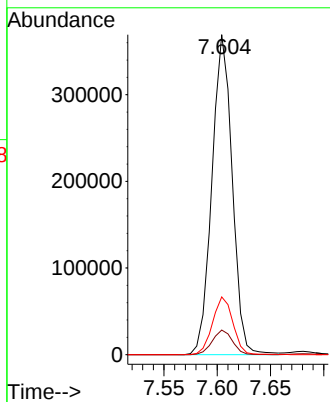
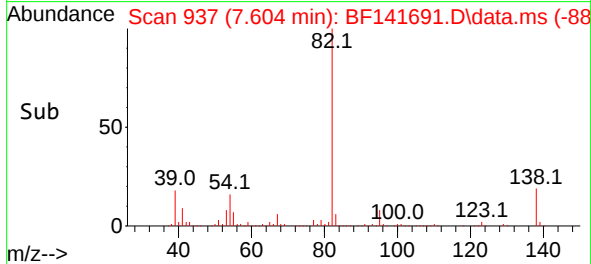
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion: 82 Resp: 49000
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.0 13.9 20.9

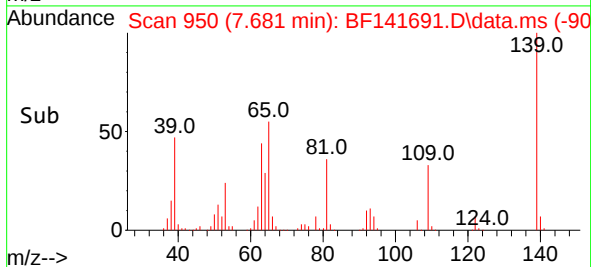
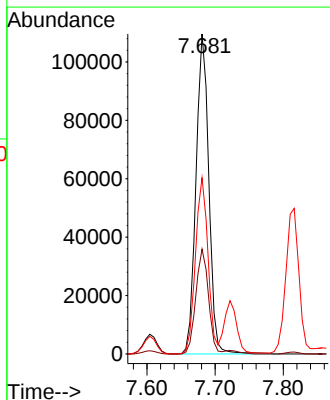
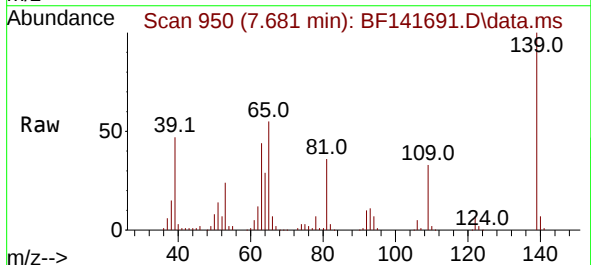
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 43.116 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

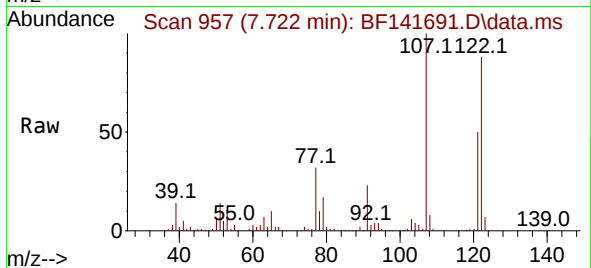
Tgt Ion:139 Resp: 143090
Ion Ratio Lower Upper
139 100
109 32.7 27.0 40.6
65 55.1 47.1 70.7





#27
2,4-Dimethylphenol
Concen: 54.405 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

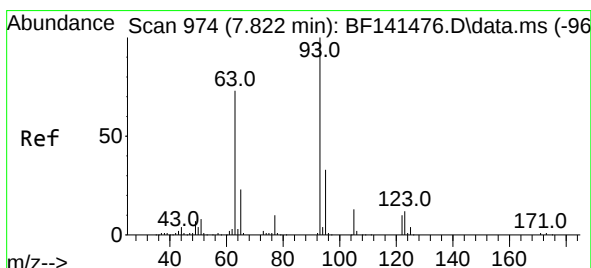
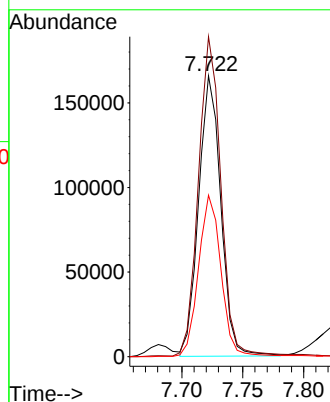
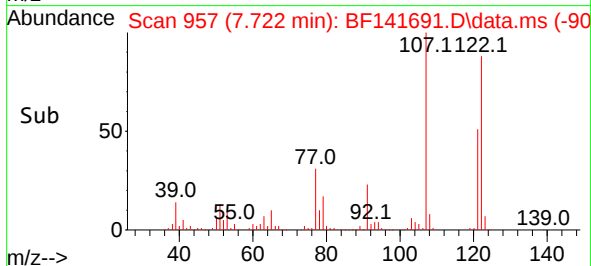
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:122 Resp: 210930
Ion Ratio Lower Upper
122 100
107 114.0 94.3 141.5
121 57.5 46.0 69.0

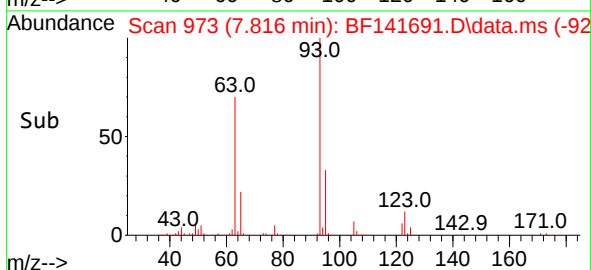
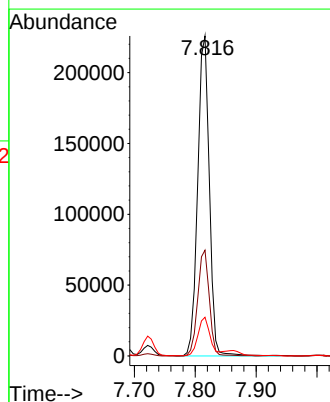
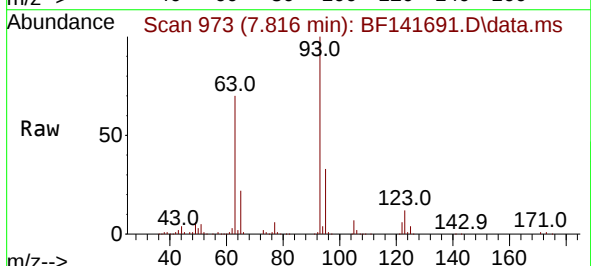
Manual Integrations
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Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 42.915 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion: 93 Resp: 299943
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 12.1 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 42.483 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.012 min

Lab File: BF141691.D

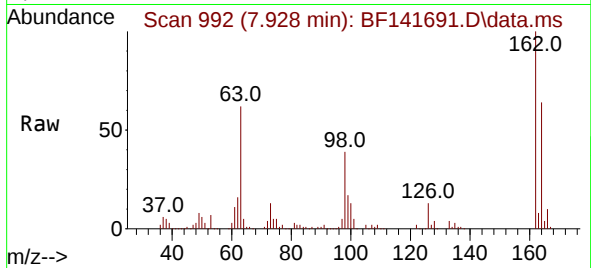
Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS



Tgt Ion:162 Resp: 222549

Ion Ratio Lower Upper

162 100

164 63.9 44.6 84.6

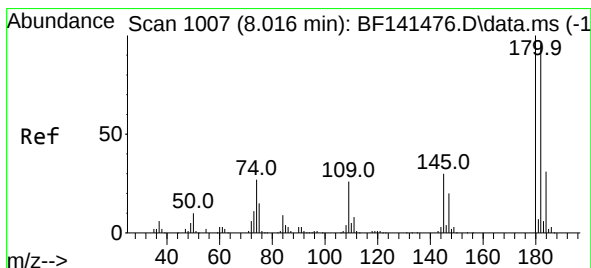
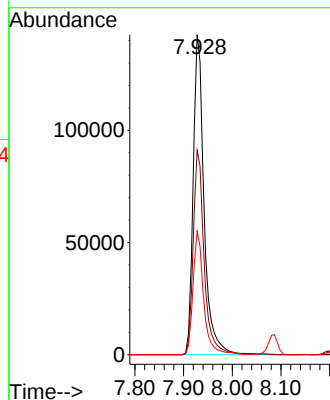
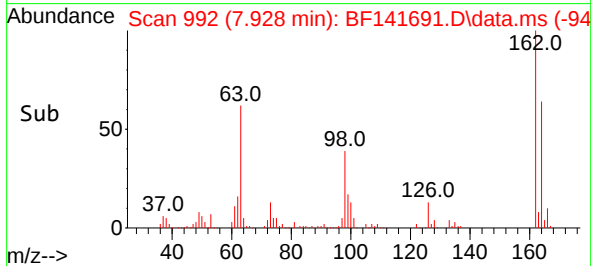
98 38.6 17.2 57.2

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.253 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

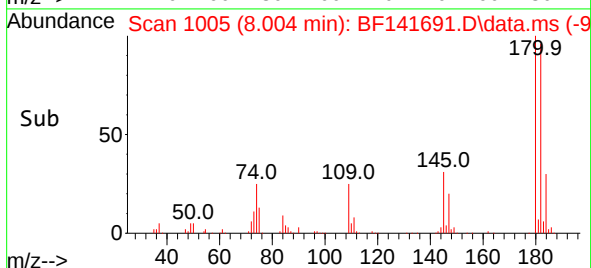
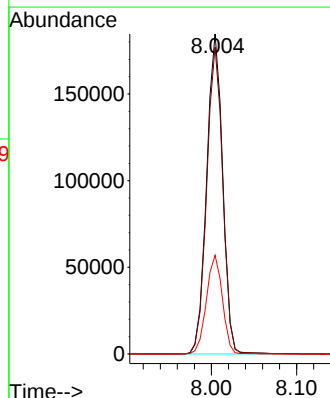
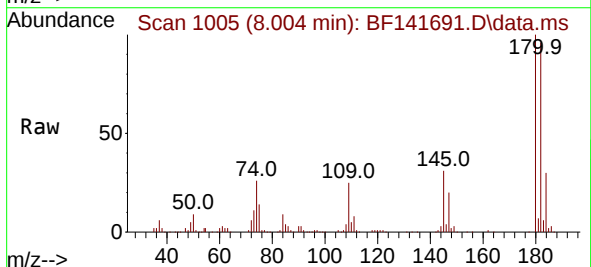
Tgt Ion:180 Resp: 241030

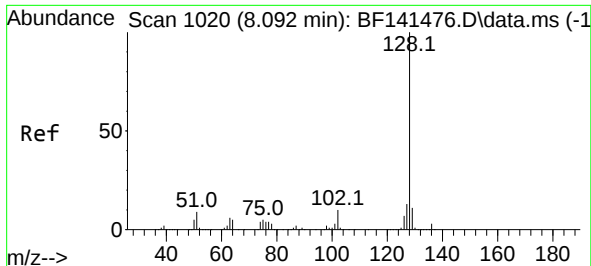
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 30.9 24.2 36.4





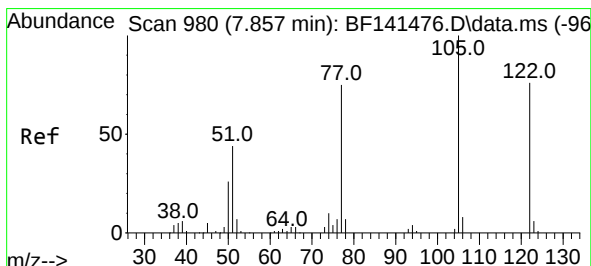
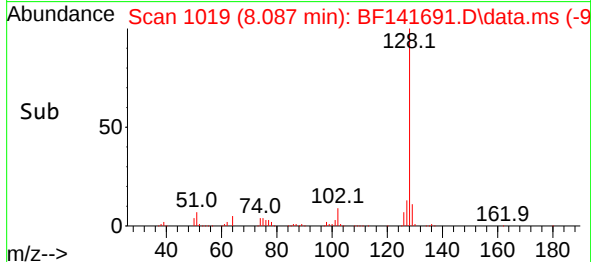
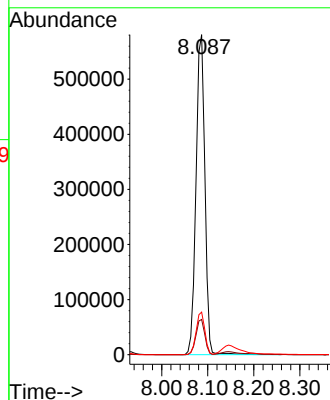
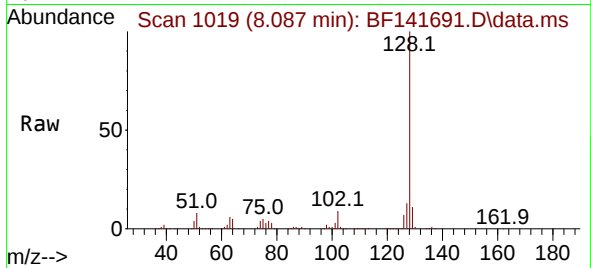
#31
Naphthalene
Concen: 41.766 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

Tgt Ion:128 Resp: 77572
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.7 16.1

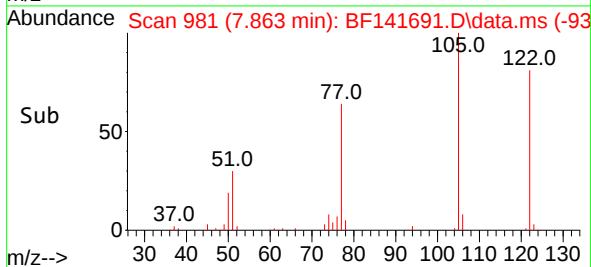
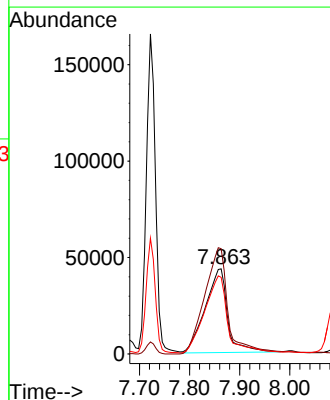
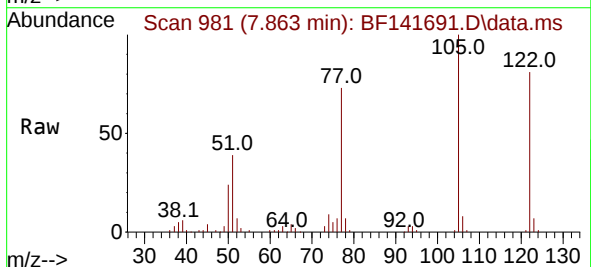
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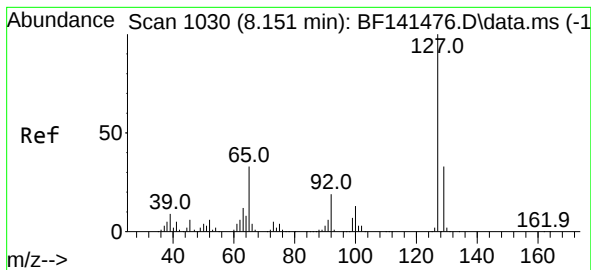
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#32
Benzoic acid
Concen: 33.621 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:122 Resp: 135395
Ion Ratio Lower Upper
122 100
105 123.6 106.5 146.5
77 90.1 76.3 116.3





#33

4-Chloroaniline

Concen: 7.806 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

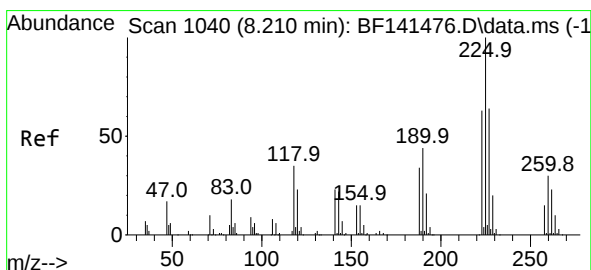
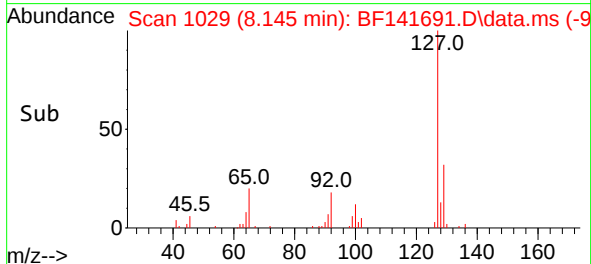
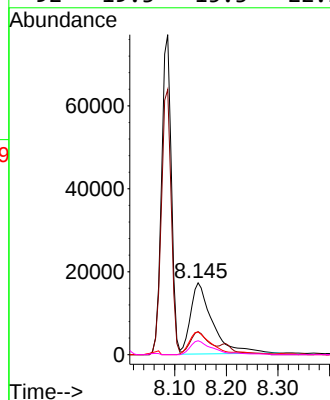
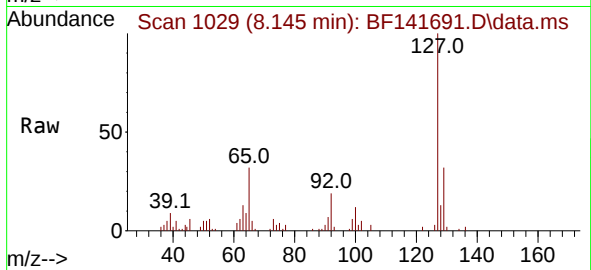
Tgt Ion:	127	Resp:	50619
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.5	39.7
65	31.7	26.4	39.6
92	19.3	15.3	22.9

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#34

Hexachlorobutadiene

Concen: 43.516 ng

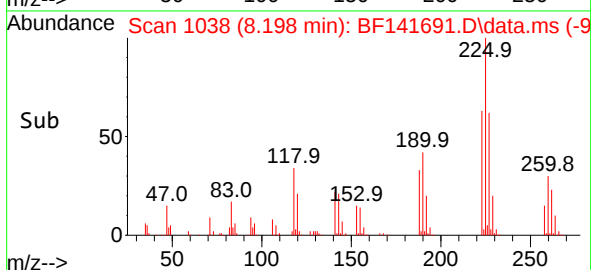
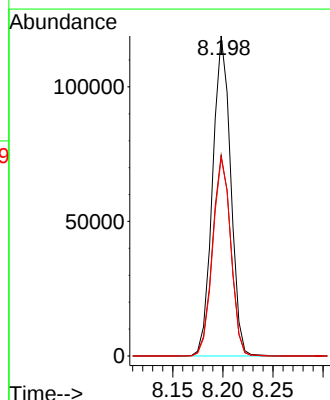
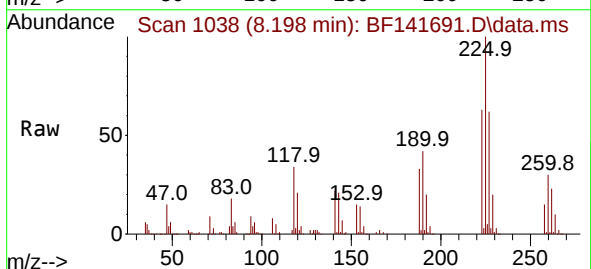
RT: 8.198 min Scan# 1038

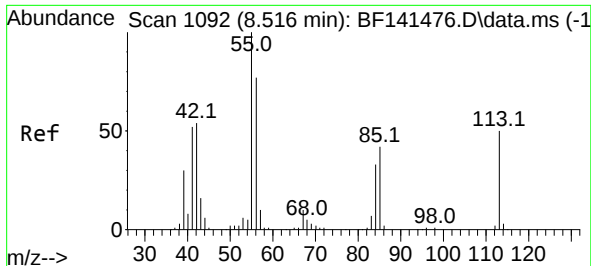
Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

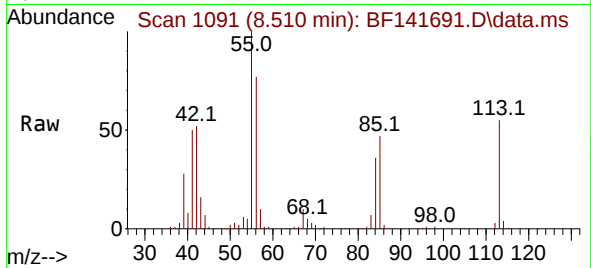
Tgt Ion:	225	Resp:	149026
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.1	75.1
227	62.0	51.0	76.6





#35
 Caprolactam
 Concen: 48.342 ng m
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.035 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

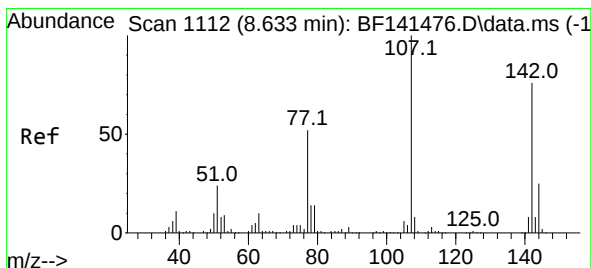
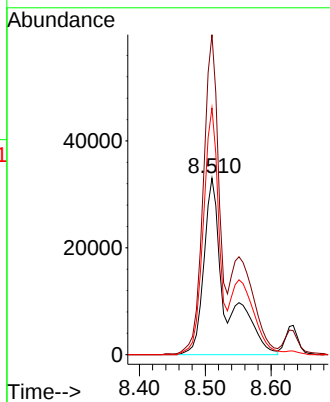
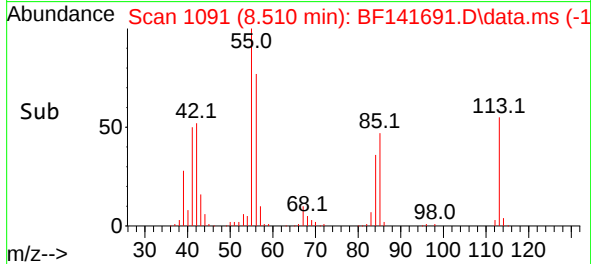
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-15-021725MS



Tgt Ion:113 Resp: 7710
 Ion Ratio Lower Upper
 113 100
 55 181.3 180.8 220.8
 56 139.8 133.6 173.6

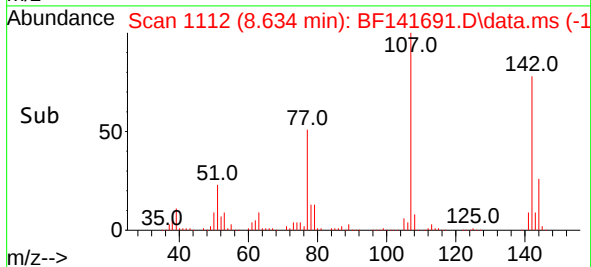
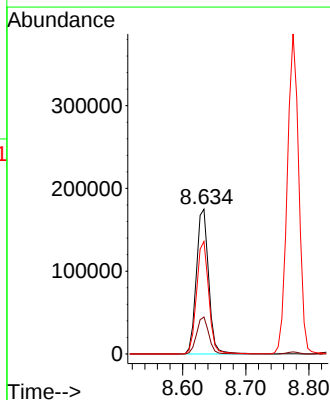
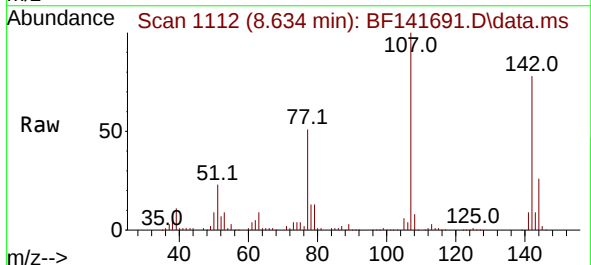
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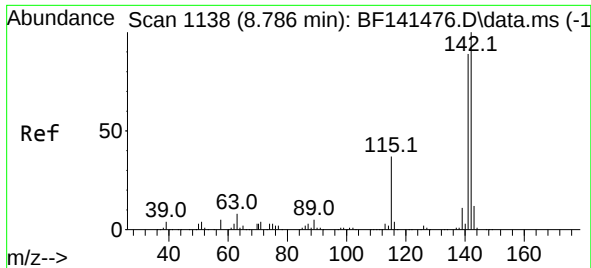
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#36
 4-Chloro-3-methylphenol
 Concen: 40.730 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

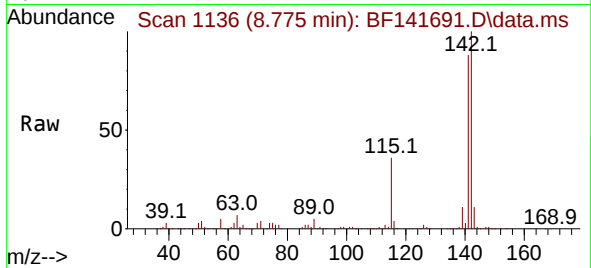
Tgt Ion:107 Resp: 236342
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.7 29.5
 142 77.7 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.410 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

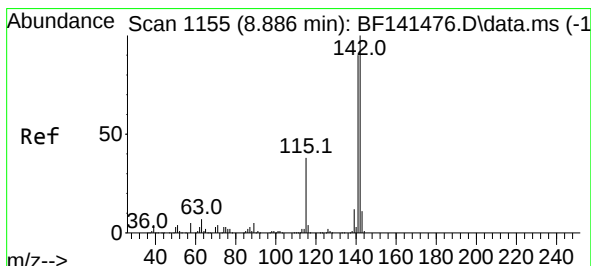
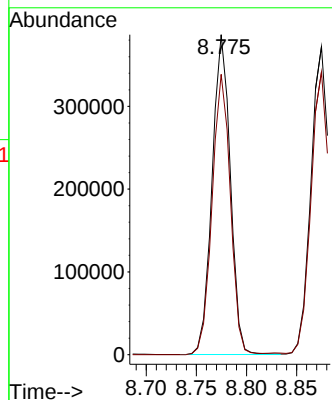
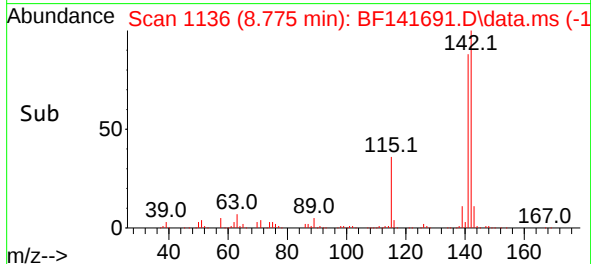
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:142 Resp: 488399
Ion Ratio Lower Upper
142 100
141 87.6 71.2 106.8

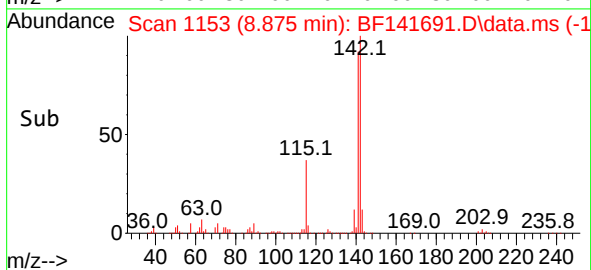
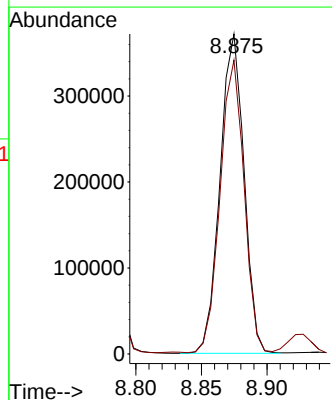
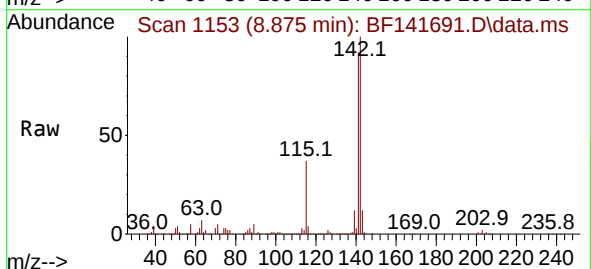
Manual Integrations
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Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#38
1-Methylnaphthalene
Concen: 40.350 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:142 Resp: 472328
Ion Ratio Lower Upper
142 100
141 91.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1164

Delta R.T. -0.017 min

Lab File: BF141691.D

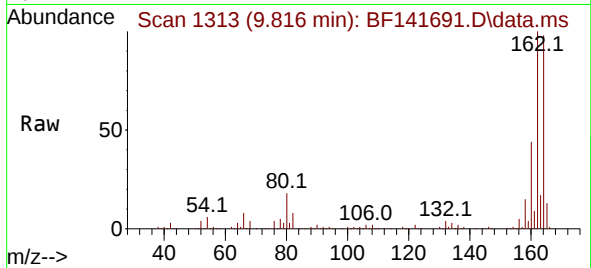
Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS



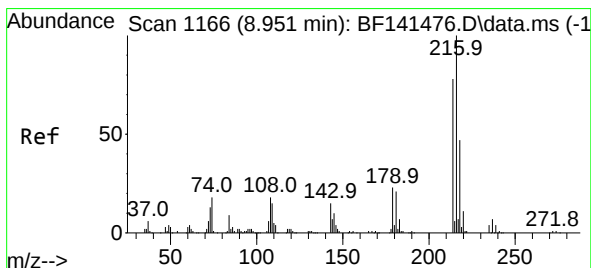
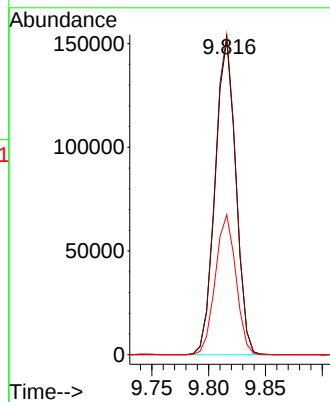
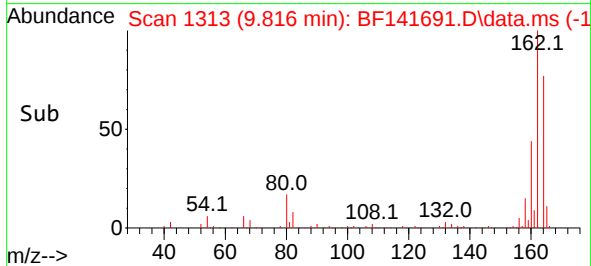
Tgt Ion:	164	Resp:	191594
Ion Ratio	100	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	44.4	35.9	53.9

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: 47.784 ng

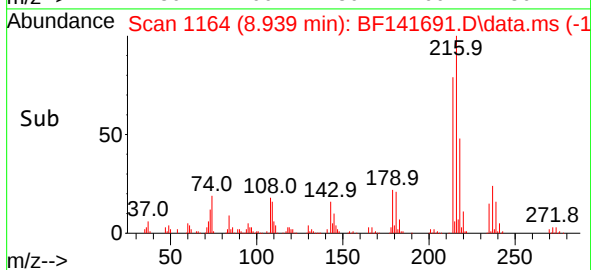
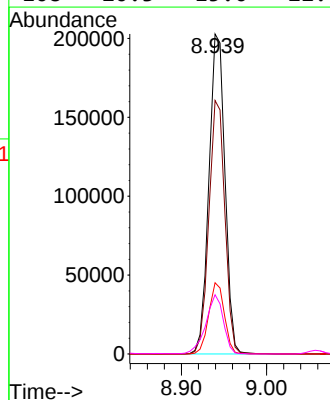
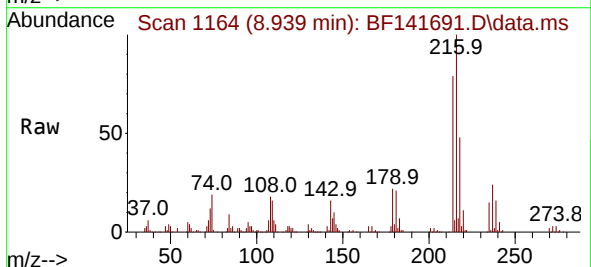
RT: 8.939 min Scan# 1164

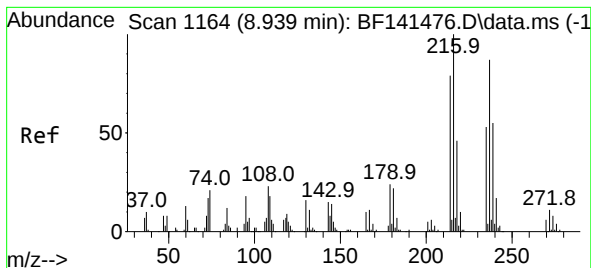
Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Tgt Ion:	216	Resp:	264867
Ion Ratio	100	Lower	Upper
216	100		
214	78.8	62.3	93.5
179	21.7	18.0	27.0
108	20.3	15.0	22.6





#41

Hexachlorocyclopentadiene

Concen: 126.824 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

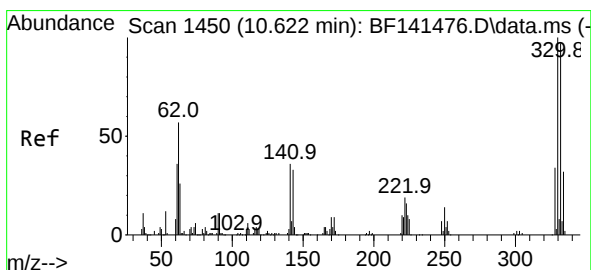
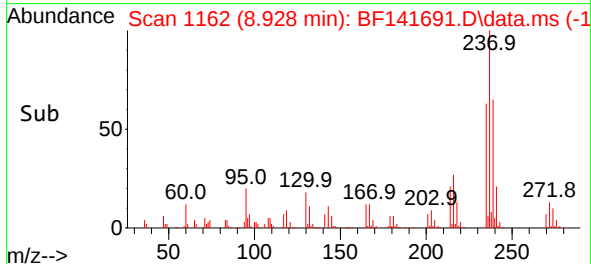
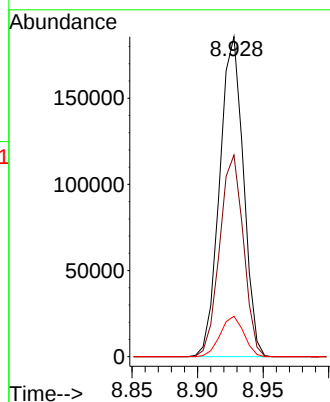
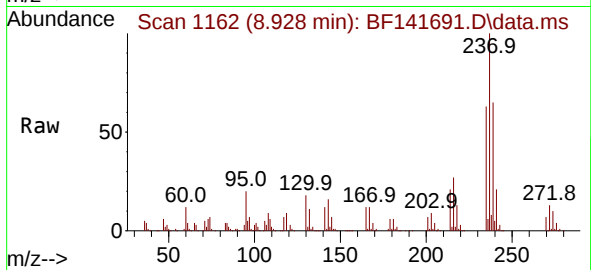
OU4-PCS-TC-15-021725MS

Tgt Ion:	237	Resp:	23382
Ion Ratio	Lower	Upper	
237	100		
235	63.0	41.4	81.4
272	12.7	0.0	32.4

Manual Integrations

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



#42

2,4,6-Tribromophenol

Concen: 85.794 ng

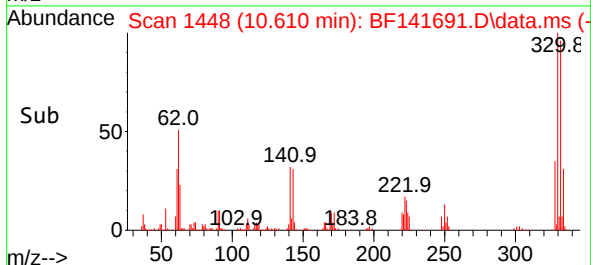
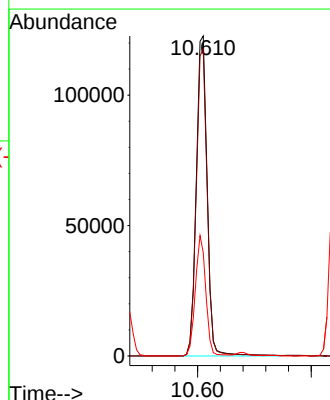
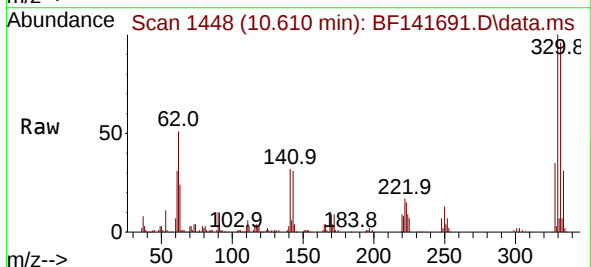
RT: 10.610 min Scan# 1448

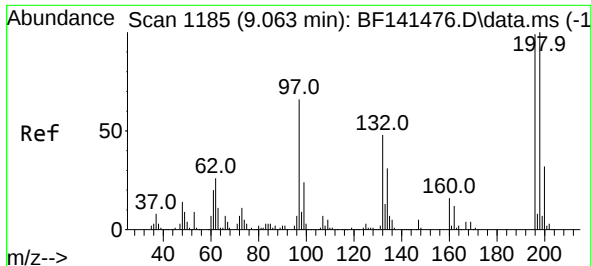
Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

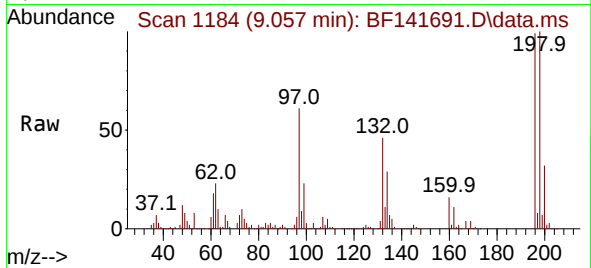
Tgt Ion:	330	Resp:	165124
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.5	117.7
141	36.0	31.0	46.4





#43
2,4,6-Trichlorophenol
Concen: 42.485 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

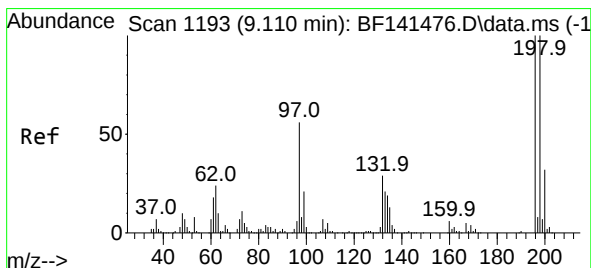
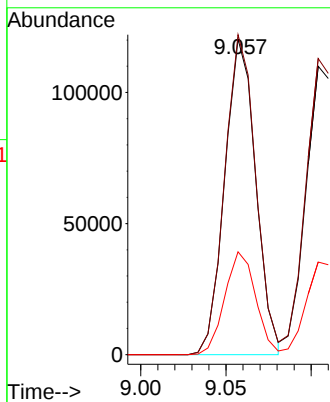
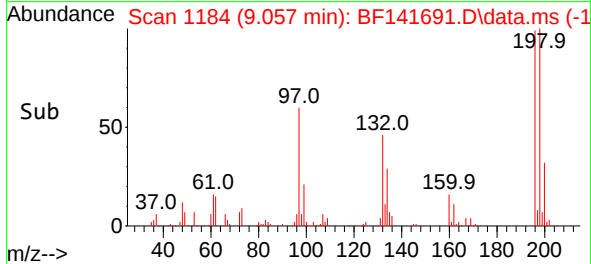
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:196 Resp: 152200
Ion Ratio Lower Upper
196 100
198 101.4 80.6 121.0
200 32.6 25.5 38.3

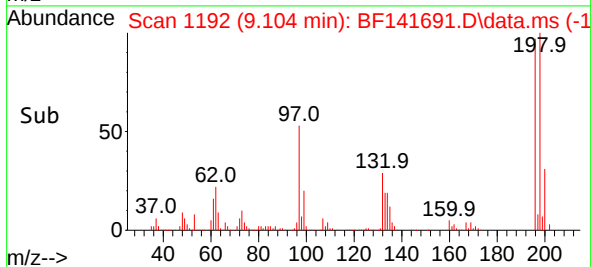
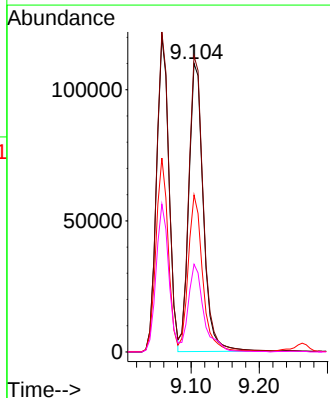
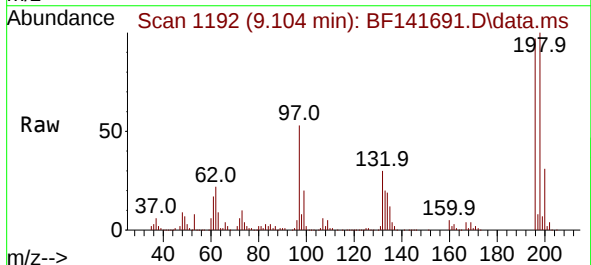
Manual Integrations
APPROVED

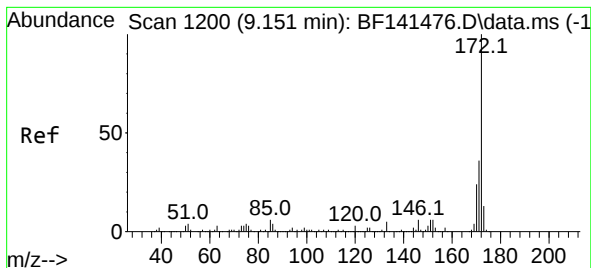
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#44
2,4,5-Trichlorophenol
Concen: 41.481 ng
RT: 9.104 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:196 Resp: 161058
Ion Ratio Lower Upper
196 100
198 102.7 79.8 119.8
97 54.4 44.8 67.2
132 30.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 60.625 ng

RT: 9.134 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

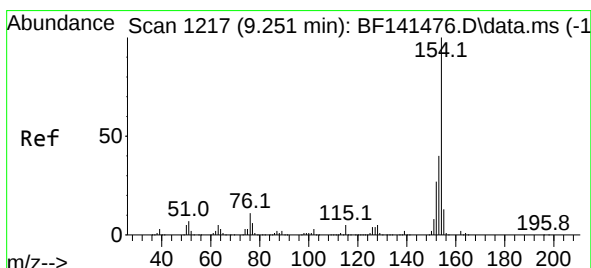
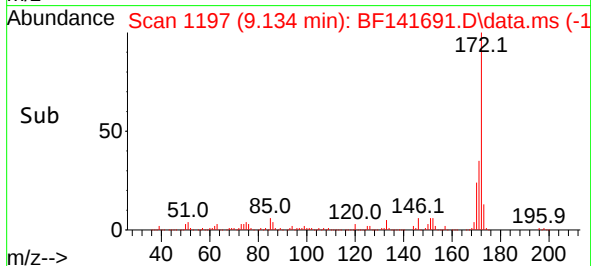
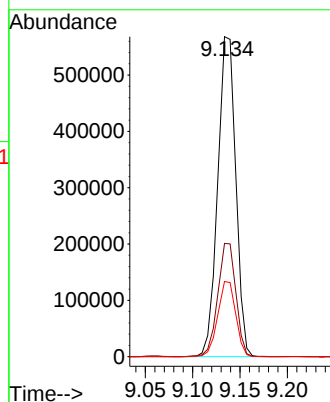
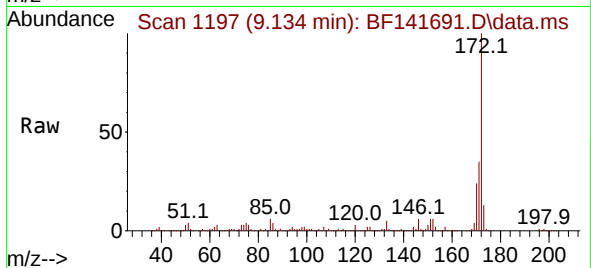
Tgt Ion:172 Resp: 753920

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.5	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: 46.810 ng

RT: 9.239 min Scan# 1215

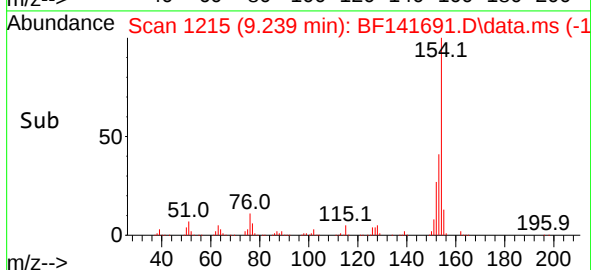
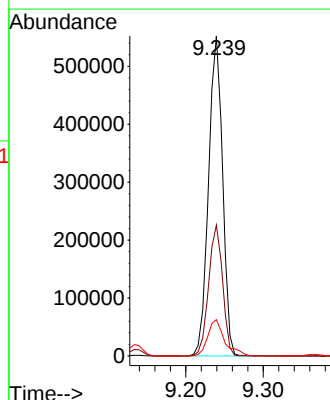
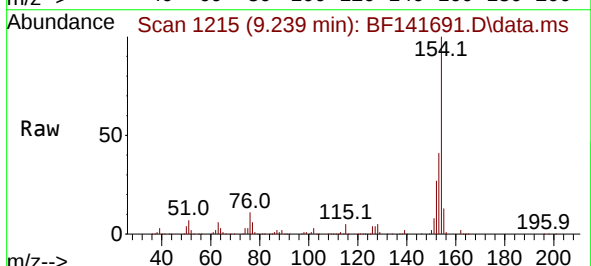
Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Tgt Ion:154 Resp: 695306

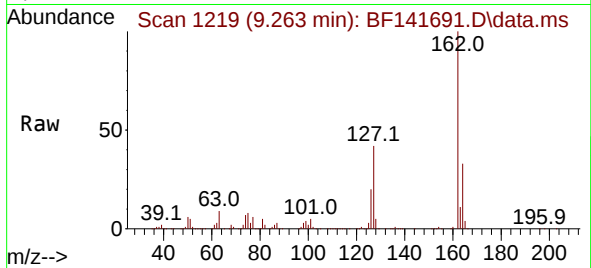
Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.4	60.4
76	11.4	0.0	30.8





#47
2-Chloronaphthalene
Concen: 43.511 ng
RT: 9.263 min Scan# 1219
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

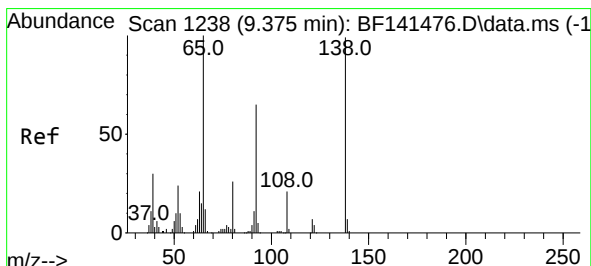
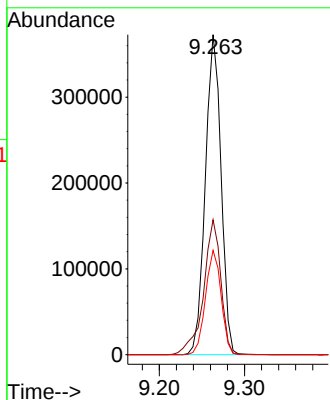
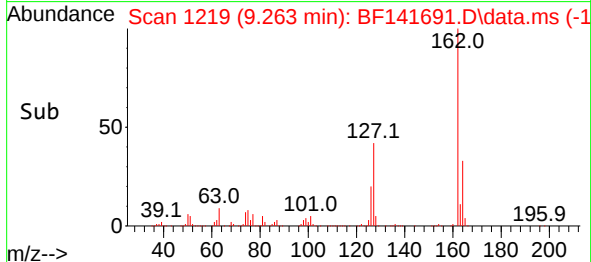
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:162 Resp: 477930
Ion Ratio Lower Upper
162 100
127 42.1 34.1 51.1
164 32.6 26.3 39.5

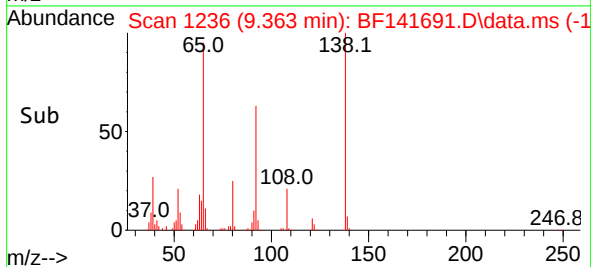
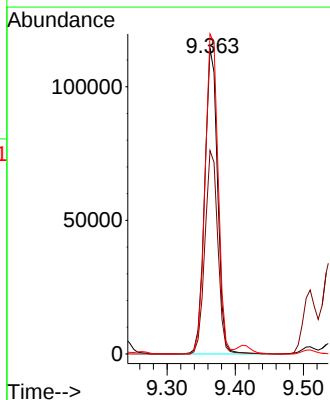
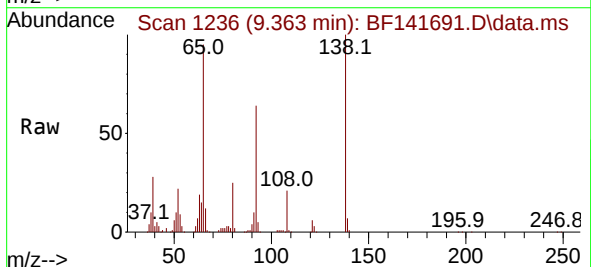
Manual Integrations
APPROVED

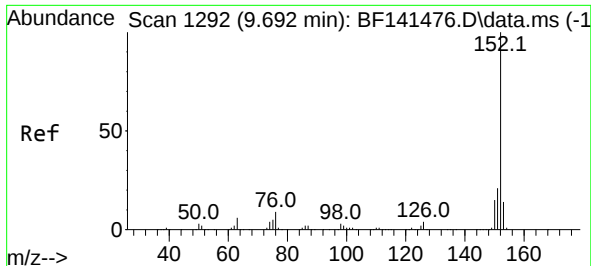
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#48
2-Nitroaniline
Concen: 40.886 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

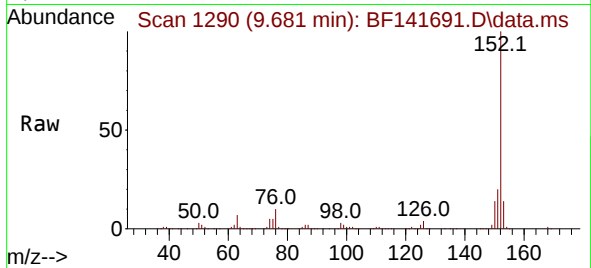
Tgt Ion: 65 Resp: 150715
Ion Ratio Lower Upper
65 100
92 66.6 52.2 78.2
138 104.8 79.5 119.3





#49
Acenaphthylene
Concen: 44.887 ng
RT: 9.681 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

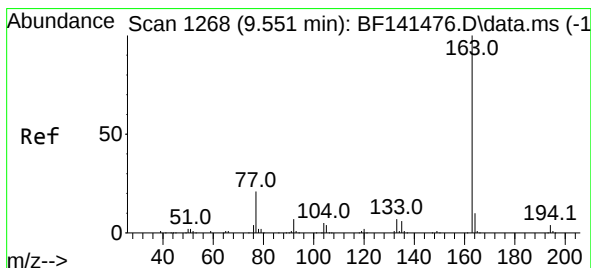
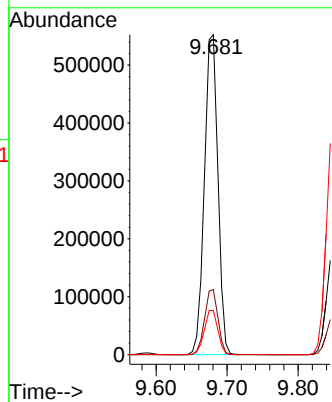
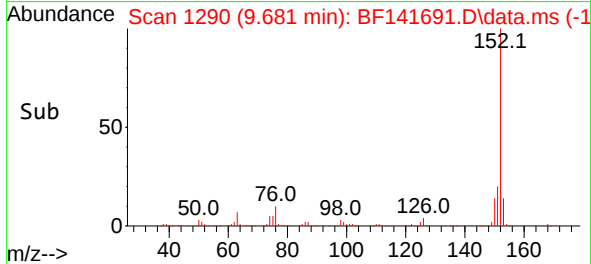
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



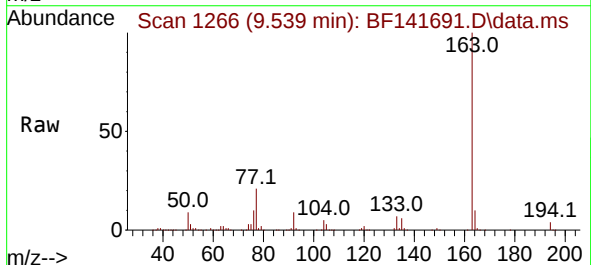
Tgt Ion:152 Resp: 73334
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.8 10.9 16.3

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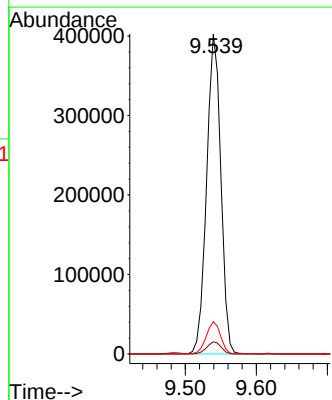
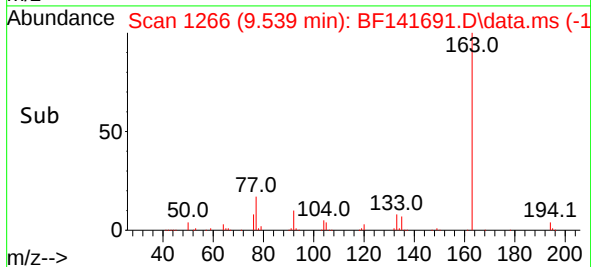
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

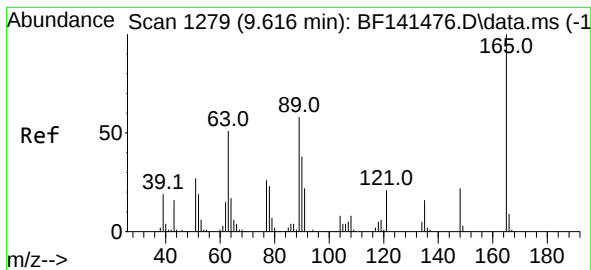


#50
Dimethylphthalate
Concen: 43.075 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



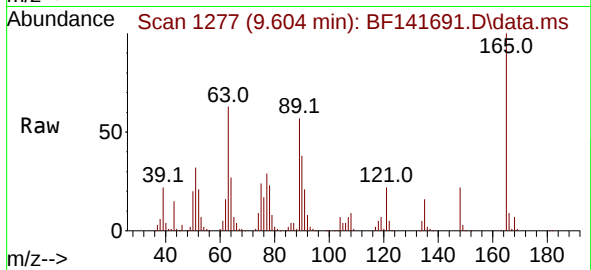
Tgt Ion:163 Resp: 560273
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.494 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

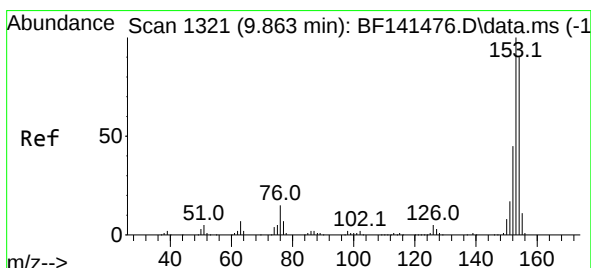
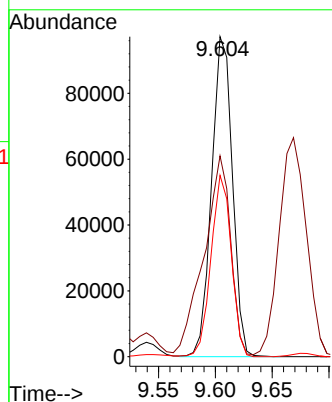
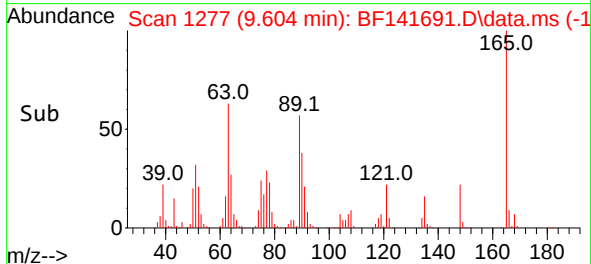
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:165 Resp: 123670
Ion Ratio Lower Upper
165 100
63 62.7 49.4 74.0
89 56.6 46.5 69.7

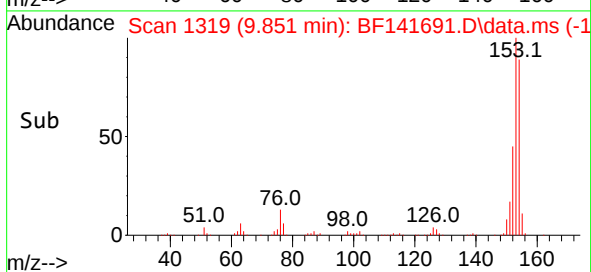
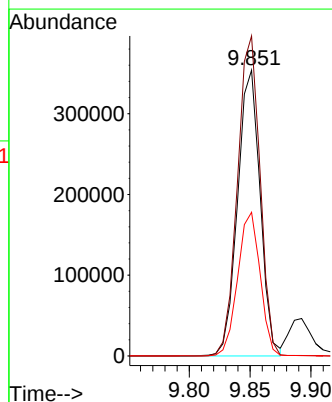
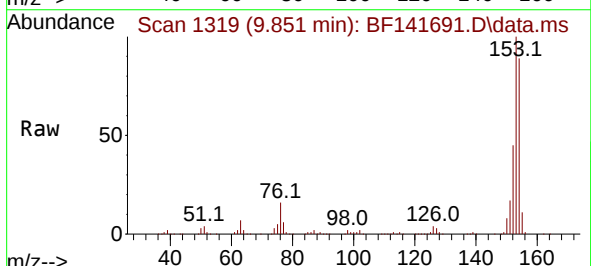
Manual Integrations
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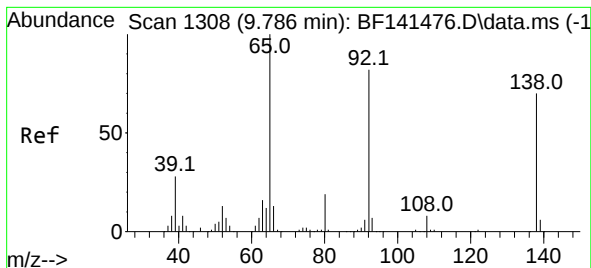
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#52
Acenaphthene
Concen: 41.567 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

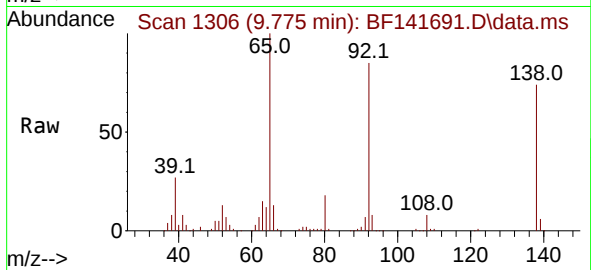
Tgt Ion:154 Resp: 456548
Ion Ratio Lower Upper
154 100
153 112.0 89.2 133.8
152 50.3 39.8 59.8





#53
3-Nitroaniline
Concen: 21.517 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

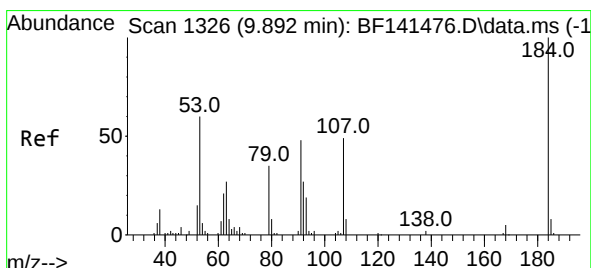
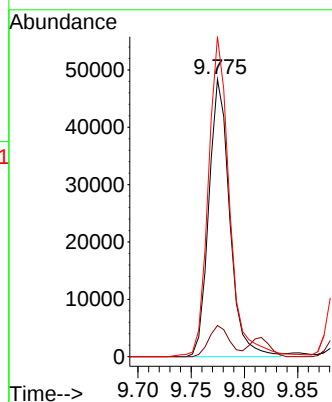
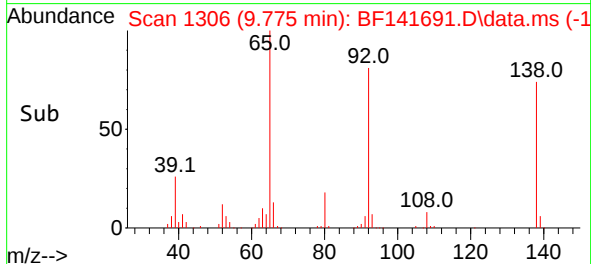
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:138 Resp: 65848
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.4
92 115.4 93.7 140.5

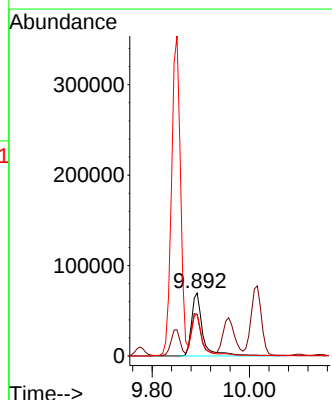
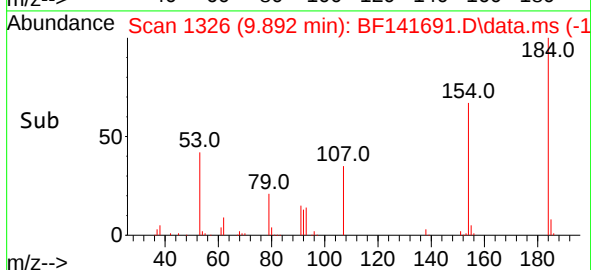
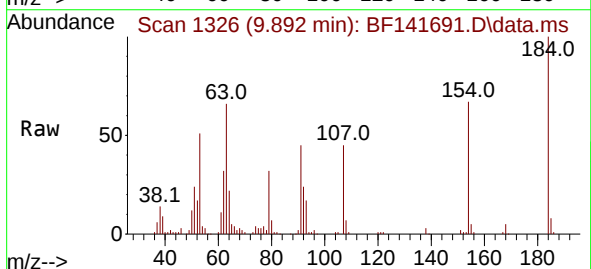
Manual Integrations
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Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#54
2,4-Dinitrophenol
Concen: 66.168 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

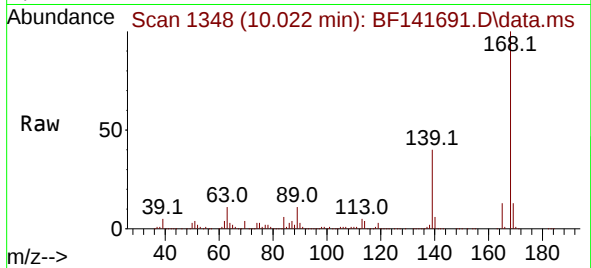
Tgt Ion:184 Resp: 111818
Ion Ratio Lower Upper
184 100
63 65.8 61.0 91.6
154 66.6 59.9 89.9





#55
Dibenzenofuran
Concen: 41.259 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

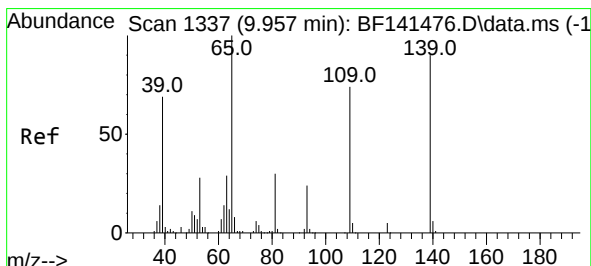
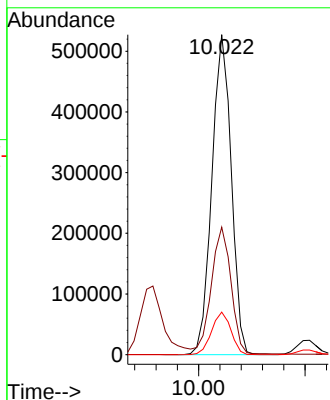
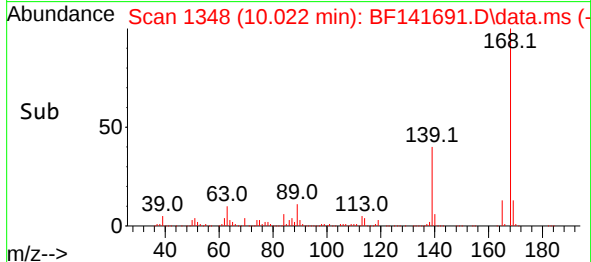
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:168 Resp: 665170
Ion Ratio Lower Upper
168 100
139 39.9 32.7 49.1
169 13.3 10.8 16.2

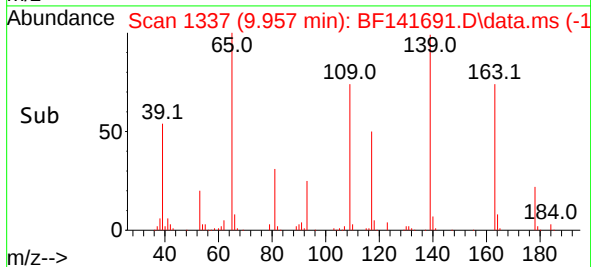
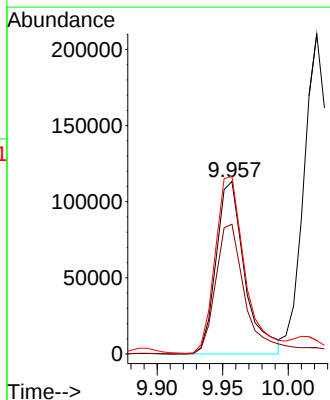
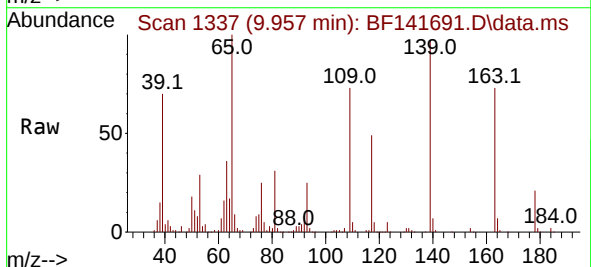
Manual Integrations
APPROVED

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



#56
4-Nitrophenol
Concen: 75.307 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

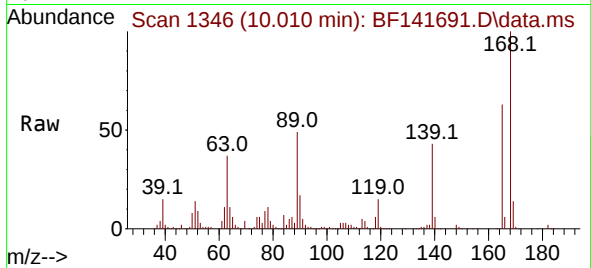
Tgt Ion:139 Resp: 171082
Ion Ratio Lower Upper
139 100
109 75.2 62.0 102.0
65 103.2 91.2 131.2





#57
2,4-Dinitrotoluene
Concen: 43.593 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

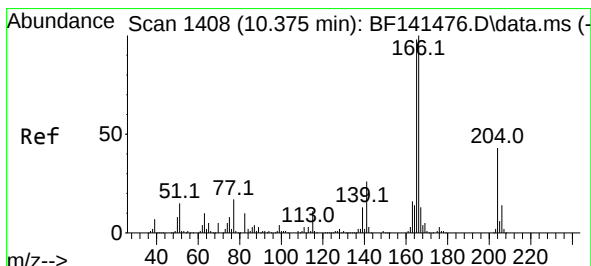
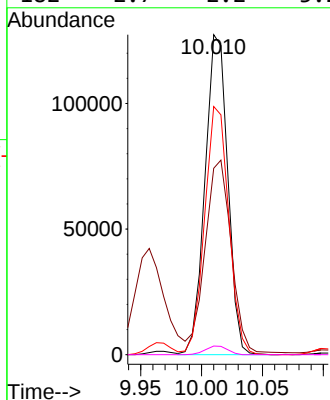
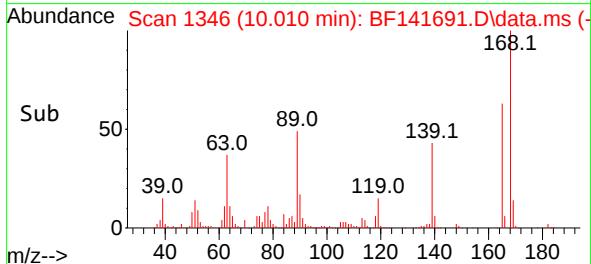
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



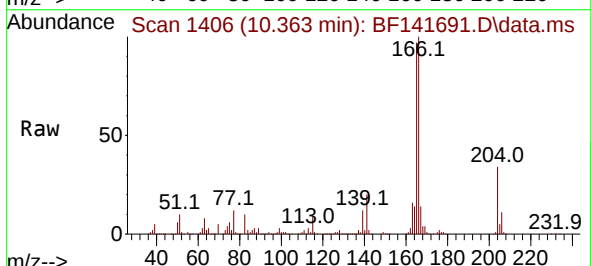
Tgt Ion:165 Resp: 165000
Ion Ratio Lower Upper
165 100
63 58.3 46.4 69.6
89 77.5 61.8 92.6
182 2.7 2.2 3.2

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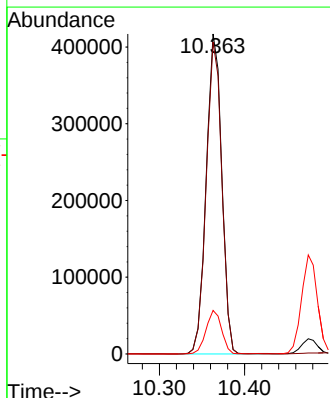
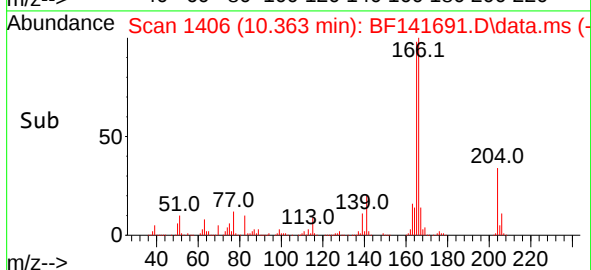
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#58
Fluorene
Concen: 42.384 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



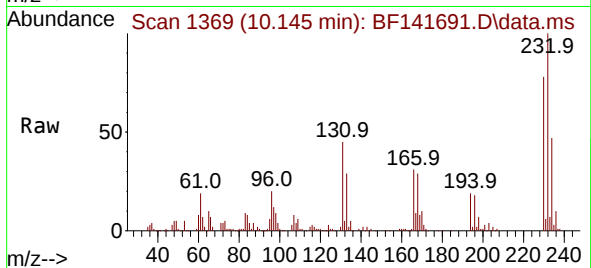
Tgt Ion:166 Resp: 528335
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.2
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.597 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

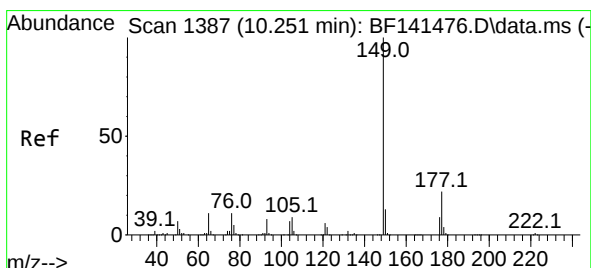
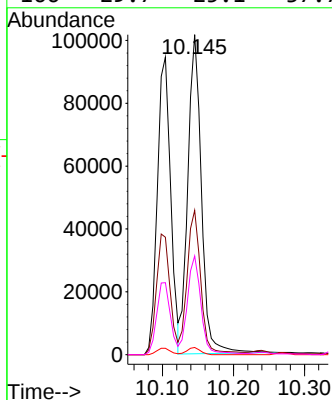
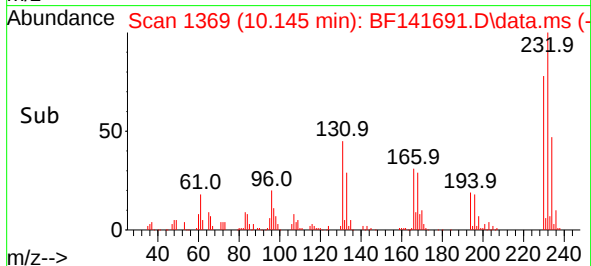
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



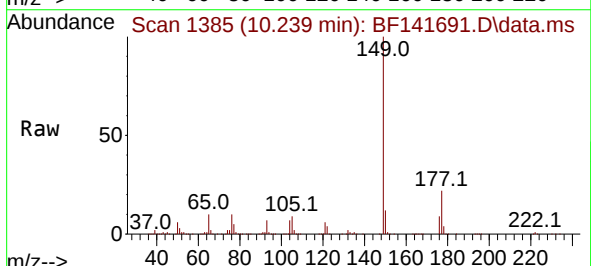
Tgt Ion:232 Resp: 13570
Ion Ratio Lower Upper
232 100
131 43.8 39.2 58.8
130 2.2 2.1 3.1
166 29.7 25.1 37.7

Manual Integrations
APPROVED

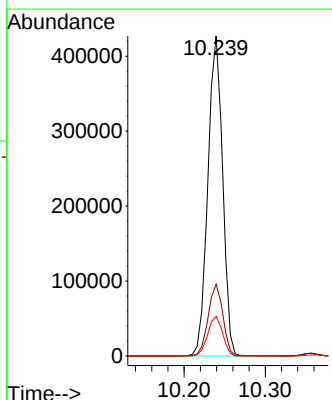
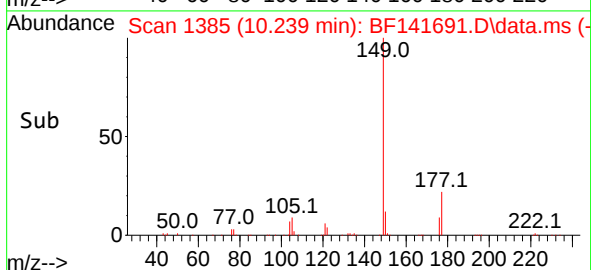
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

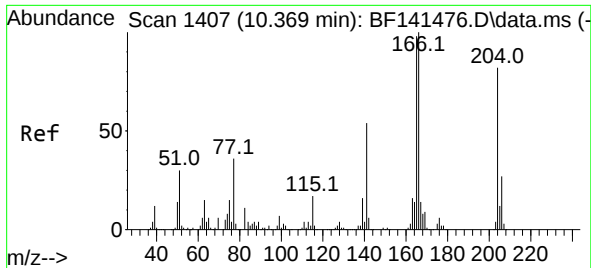


#60
Diethylphthalate
Concen: 41.988 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



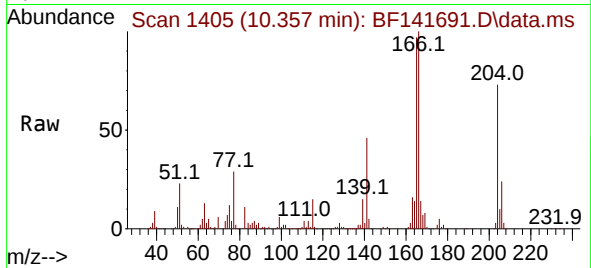
Tgt Ion:149 Resp: 537334
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.147 ng
RT: 10.357 min Scan# 1407
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

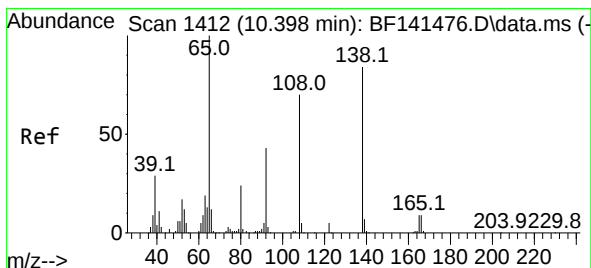
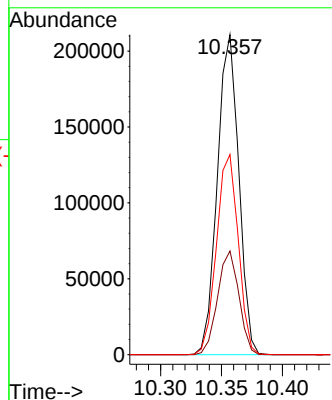
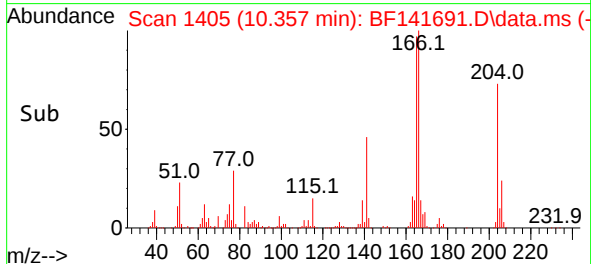
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



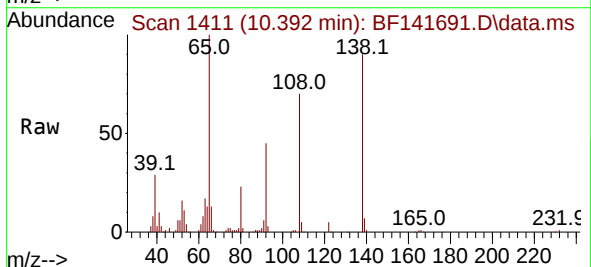
Tgt Ion:204 Resp: 25875
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 62.6 51.9 77.9

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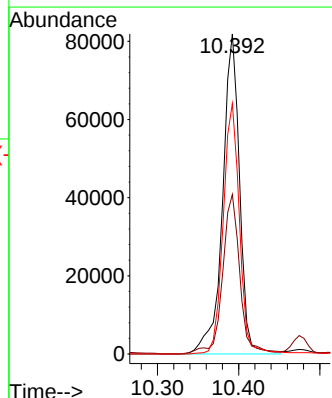
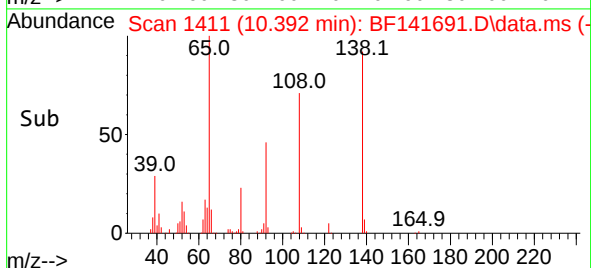
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

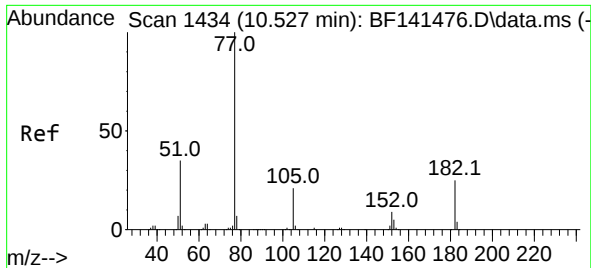


#62
4-Nitroaniline
Concen: 38.467 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



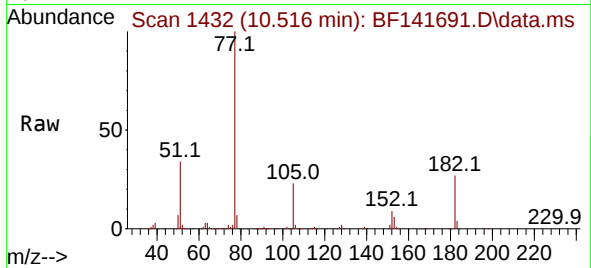
Tgt Ion:138 Resp: 119535
Ion Ratio Lower Upper
138 100
92 49.8 31.3 71.3
108 78.3 63.7 103.7





#63
Azobenzene
Concen: 42.642 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

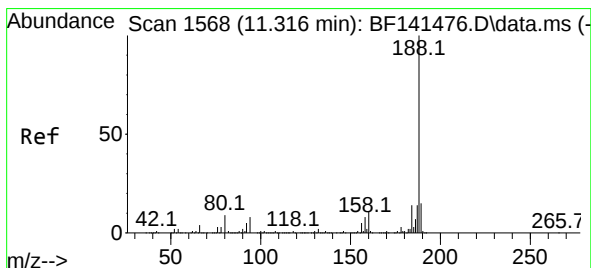
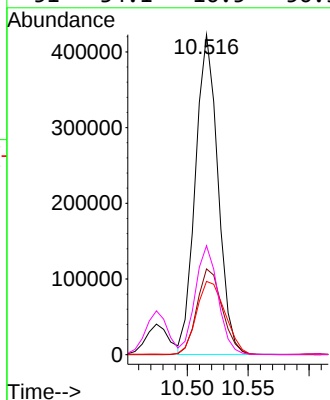
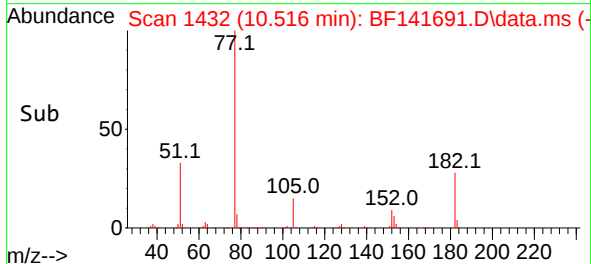
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion: 77 Resp: 54249
Ion Ratio Lower Upper
77 100
182 26.8 4.7 44.7
105 22.9 0.4 40.4
51 34.1 16.5 56.5

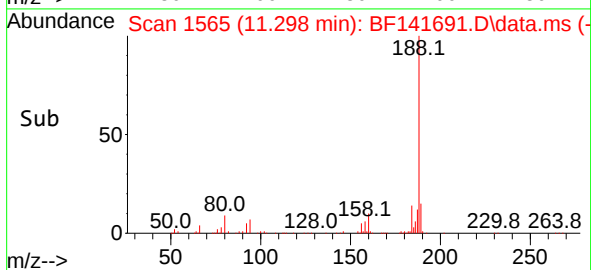
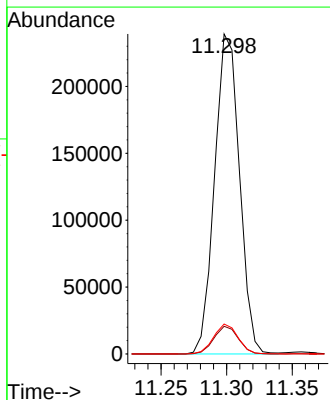
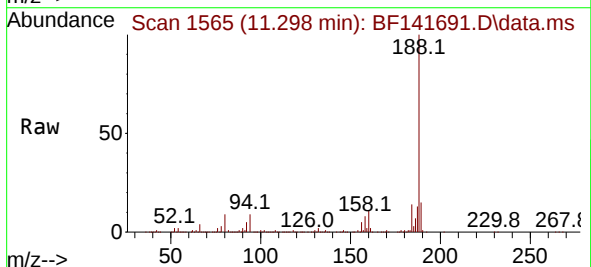
Manual Integrations
APPROVED

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



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:188 Resp: 315237
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.4 7.3 10.9





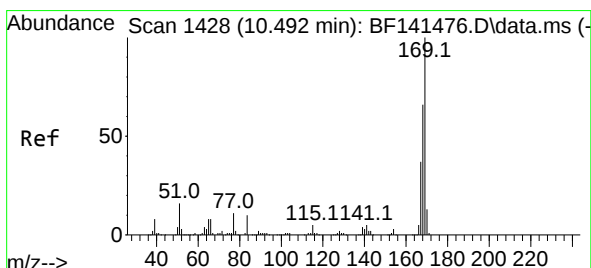
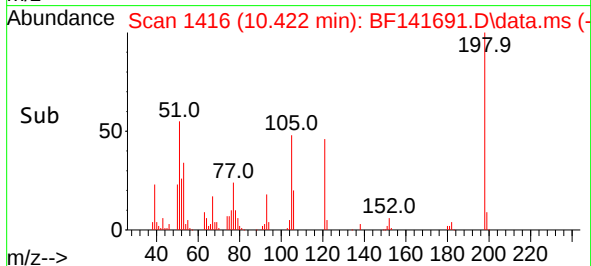
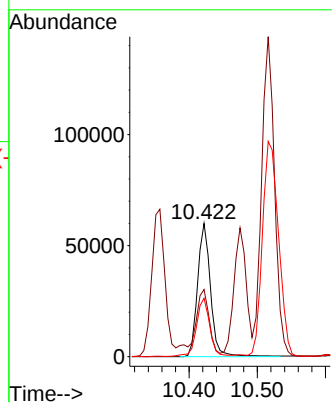
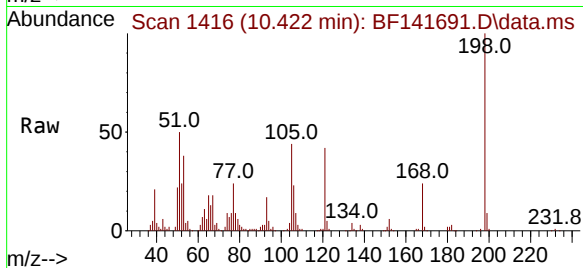
#65
4,6-Dinitro-2-methylphenol
Concen: 36.068 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS

Tgt Ion:198 Resp: 7898
Ion Ratio Lower Upper
198 100
51 50.5 37.4 77.4
105 43.8 25.2 65.2

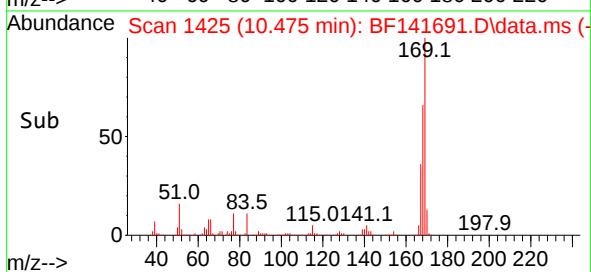
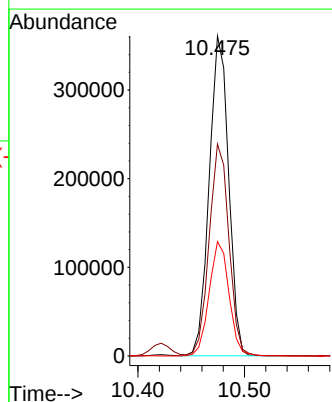
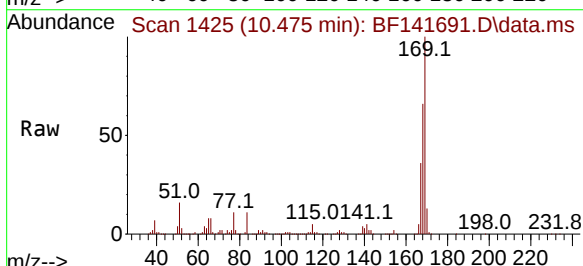
Manual Integrations
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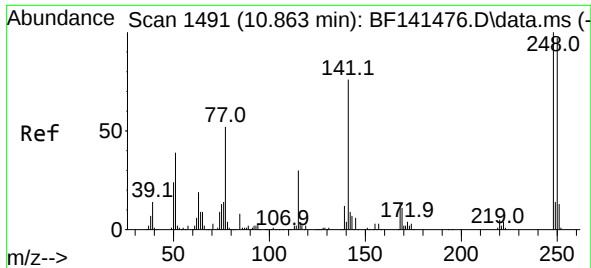
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#66
n-Nitrosodiphenylamine
Concen: 45.272 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

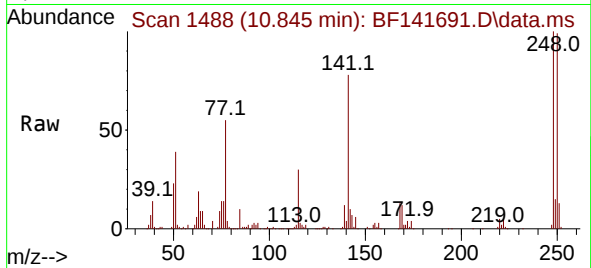
Tgt Ion:169 Resp: 456846
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 35.8 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 44.442 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

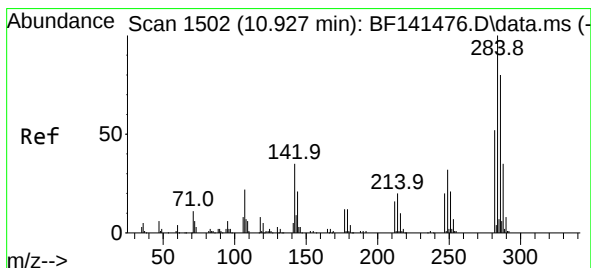
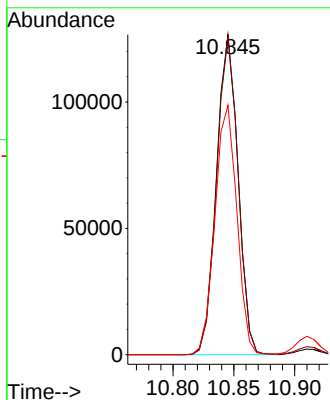
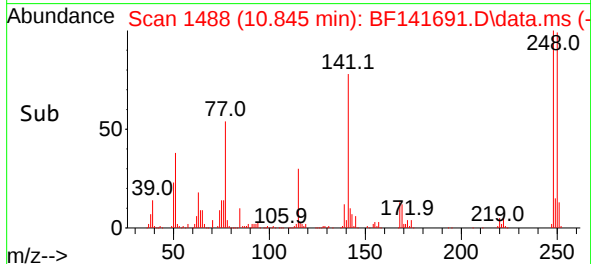
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:248 Resp: 156570
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.6
141 78.0 60.6 90.8

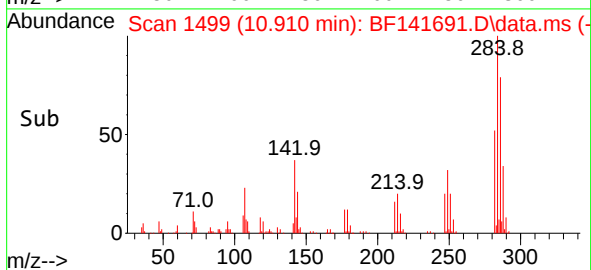
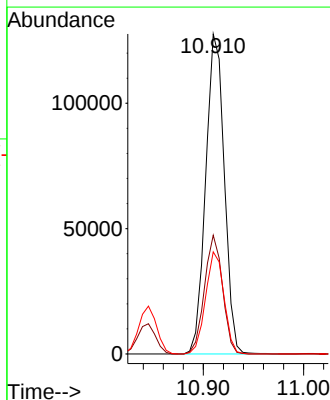
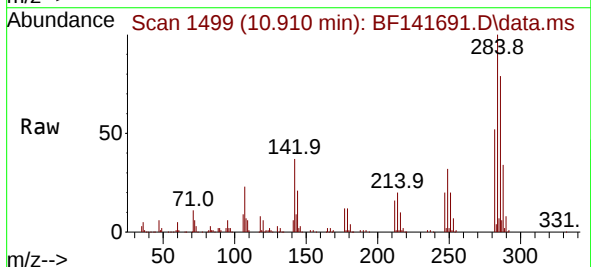
Manual Integrations
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Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#68
Hexachlorobenzene
Concen: 45.439 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

Tgt Ion:284 Resp: 164848
Ion Ratio Lower Upper
284 100
142 37.1 28.0 42.0
249 31.9 25.8 38.8





#69

Atrazine

Concen: 55.831 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

Tgt Ion:200 Resp: 169018

Ion Ratio Lower Upper

200 100

173 25.6 5.9 45.9

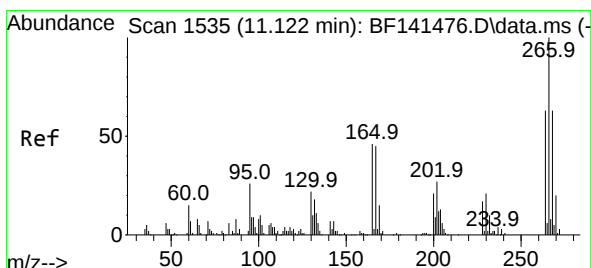
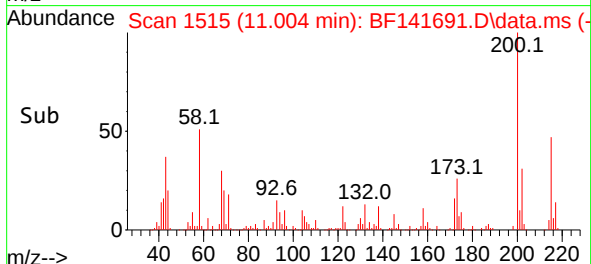
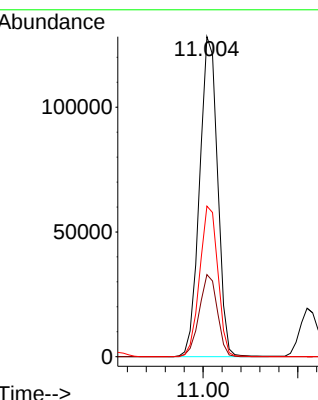
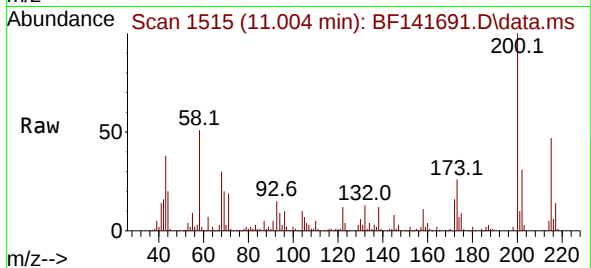
215 47.1 25.9 65.9

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#70

Pentachlorophenol

Concen: 65.764 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

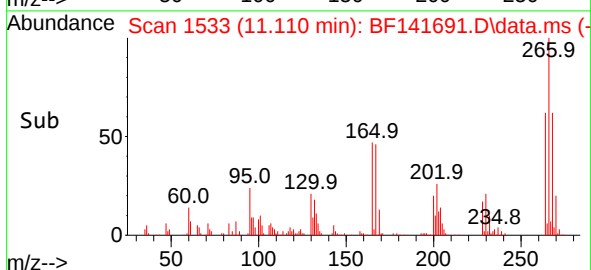
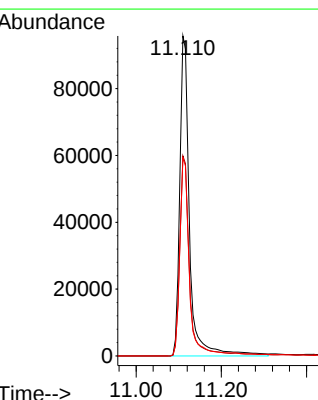
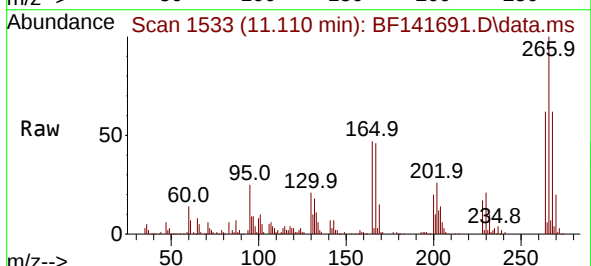
Tgt Ion:266 Resp: 152558

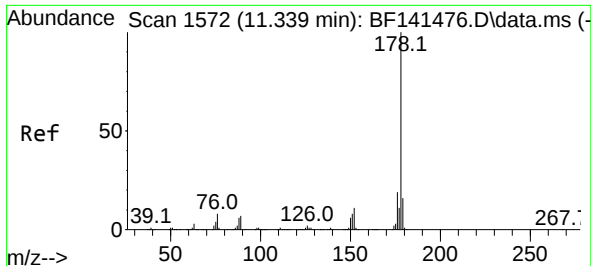
Ion Ratio Lower Upper

266 100

268 62.5 50.1 75.1

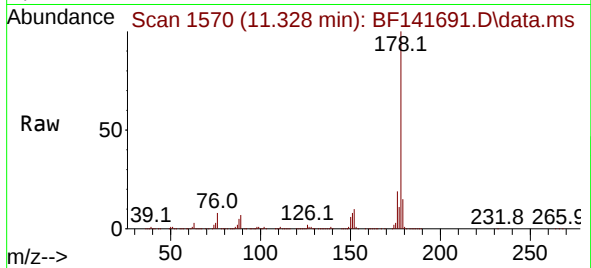
264 62.0 50.1 75.1





#71
Phenanthrene
Concen: 43.692 ng
RT: 11.328 min Scan# 1572
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

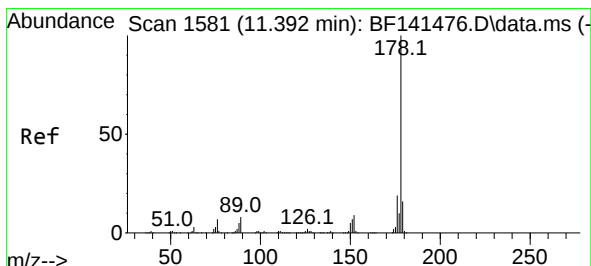
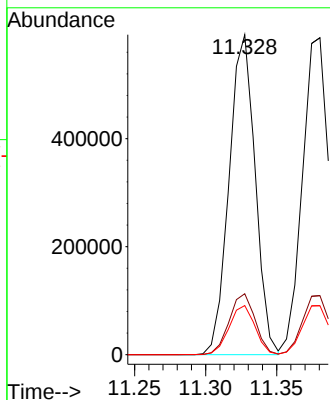
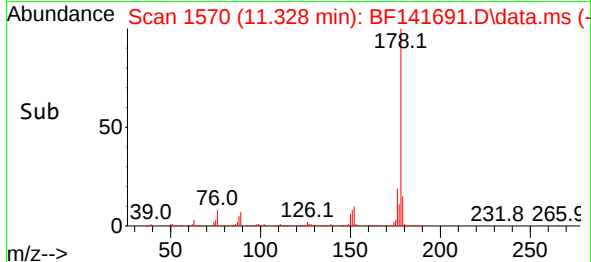
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



Tgt Ion:178 Resp: 758154
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.4 18.6

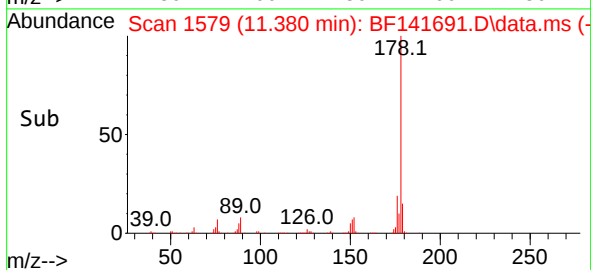
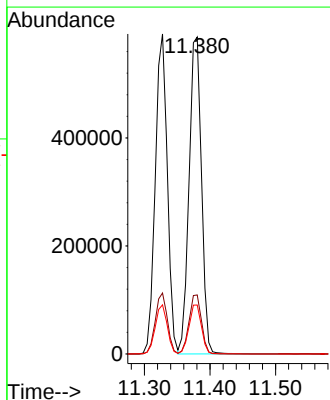
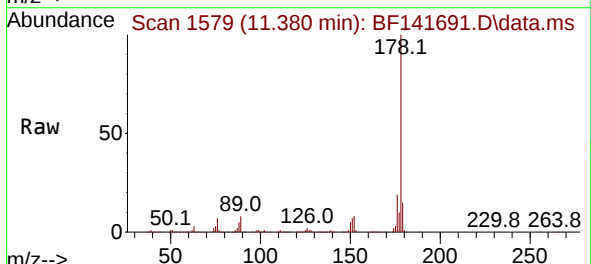
Manual Integrations
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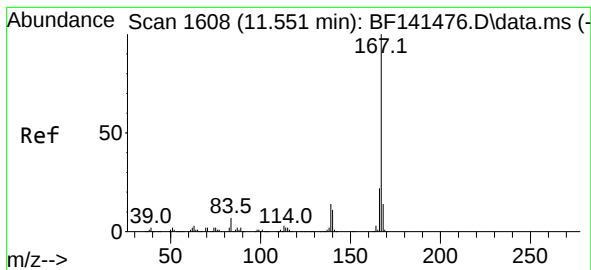
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#72
Anthracene
Concen: 44.212 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.017 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

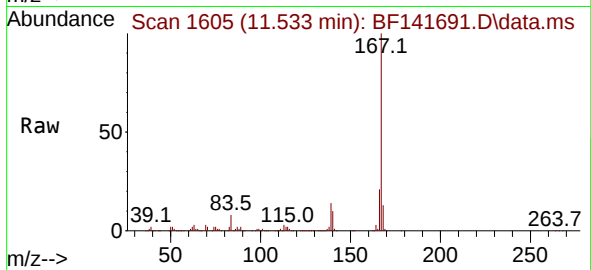
Tgt Ion:178 Resp: 771214
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 41.289 ng
 RT: 11.533 min Scan# 1605
 Delta R.T. -0.017 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

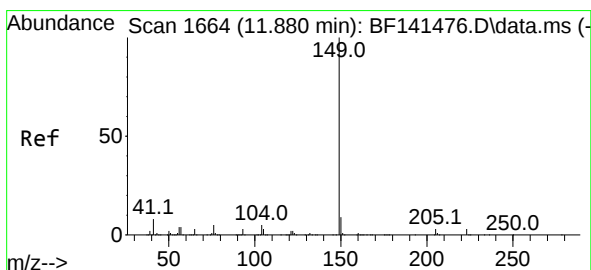
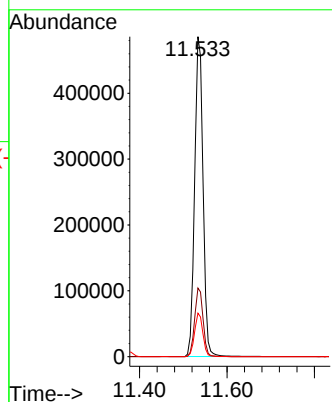
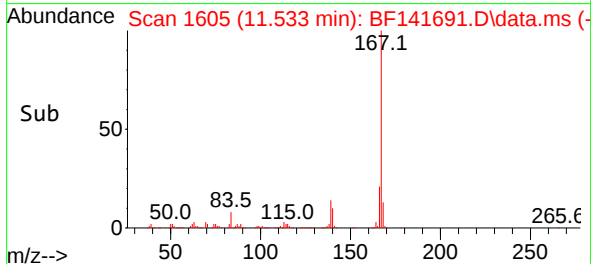
Instrument : BNA_F
 ClientSampleId : OU4-PCS-TC-15-021725MS



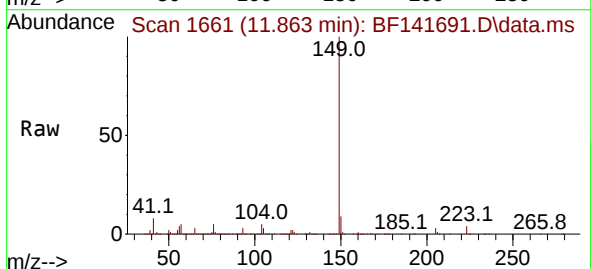
Tgt Ion:167 Resp: 64804
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.6 10.9 16.3

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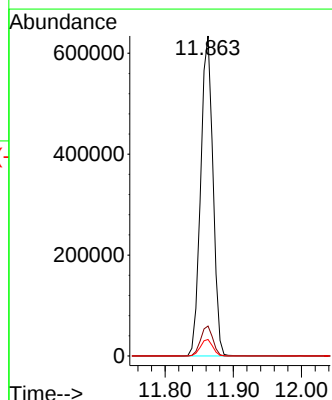
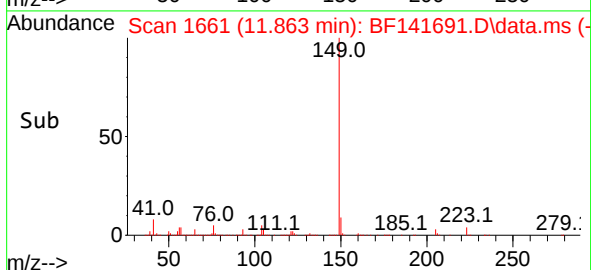
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

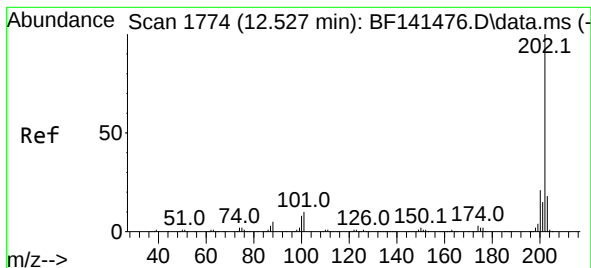


#74
 Di-n-butylphthalate
 Concen: 43.736 ng
 RT: 11.863 min Scan# 1661
 Delta R.T. -0.017 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06



Tgt Ion:149 Resp: 792615
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 38.222 ng

RT: 12.510 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF141691.D

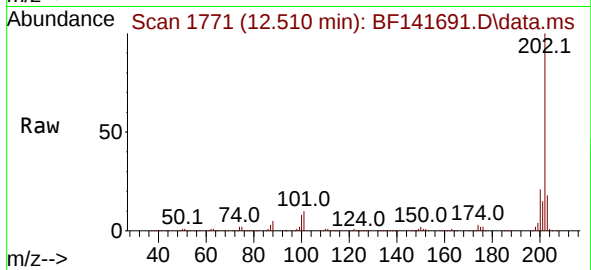
Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS



Tgt Ion:202 Resp: 703158

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.2

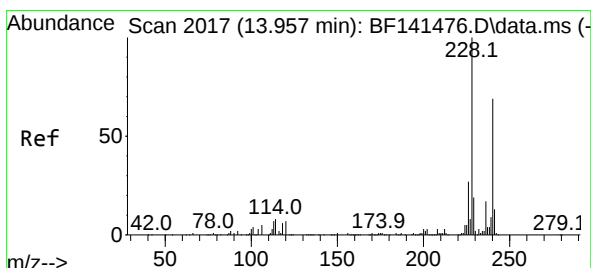
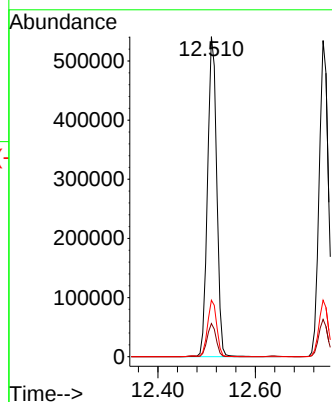
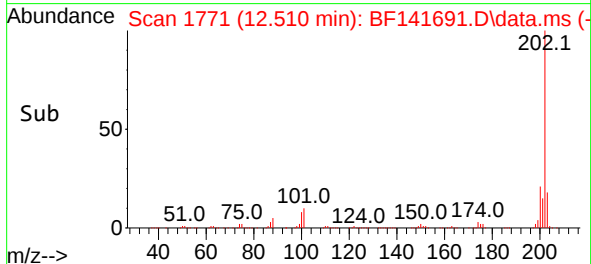
203 17.7 0.0 37.6

Manual Integrations

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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. -0.023 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

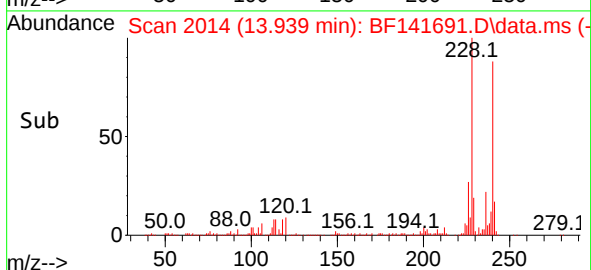
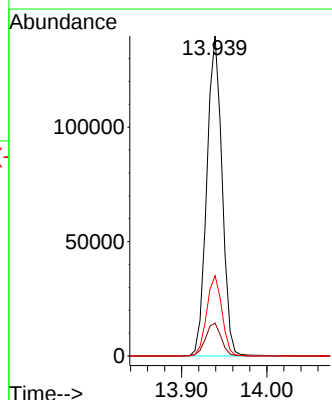
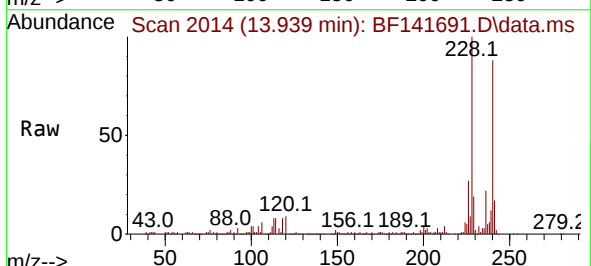
Tgt Ion:240 Resp: 173447

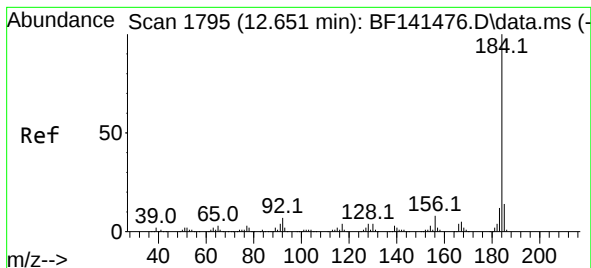
Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

236 25.1 19.8 29.8





#77

Benzidine

Concen: 60.775 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS

Tgt Ion:184 Resp: 23248

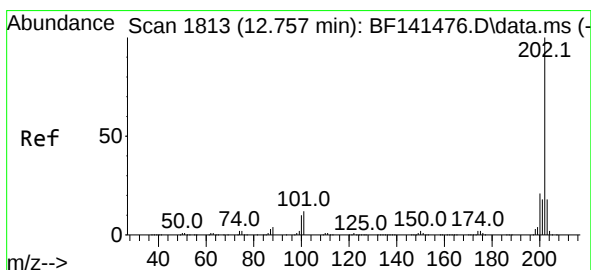
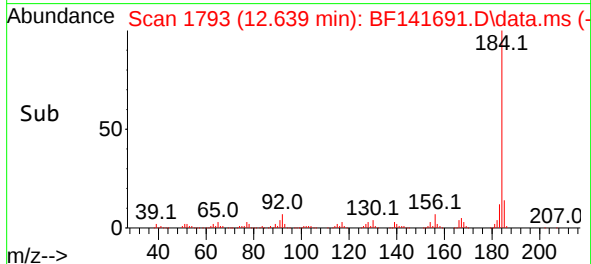
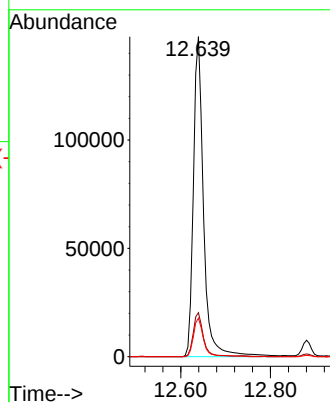
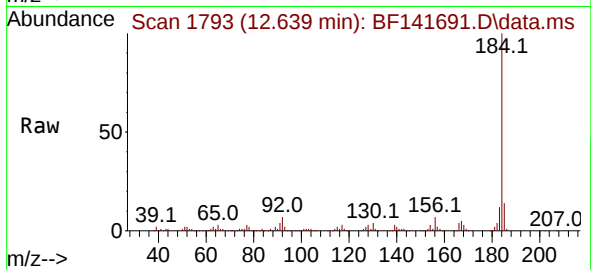
Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.3	16.9
183	12.1	9.3	13.9

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#78

Pyrene

Concen: 47.186 ng

RT: 12.739 min Scan# 1810

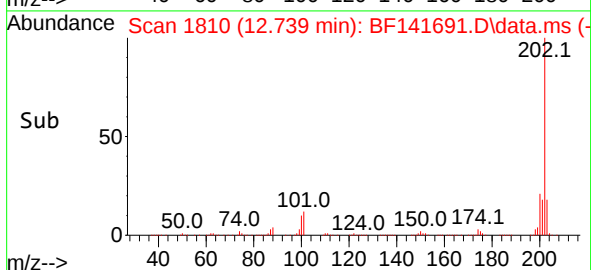
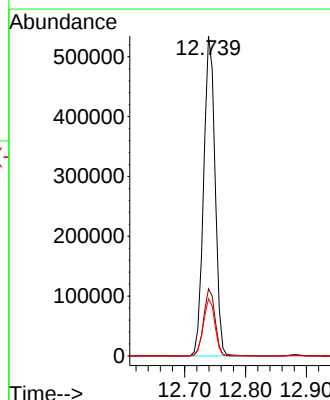
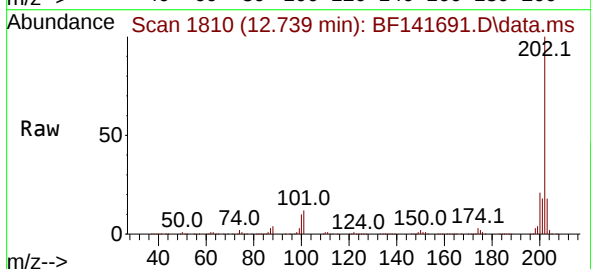
Delta R.T. -0.023 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Tgt Ion:202 Resp: 696703

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.9	14.3	21.5





#79

Terphenyl-d14

Concen: 71.778 ng

RT: 12.880 min Scan# 11

Delta R.T. -0.023 min

Lab File: BF141691.D

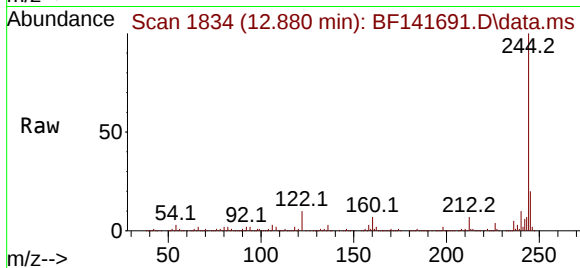
Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS



Tgt Ion:244 Resp: 737462

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

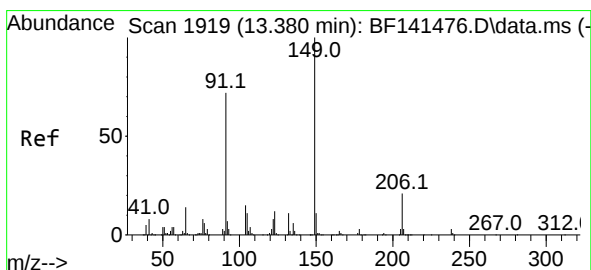
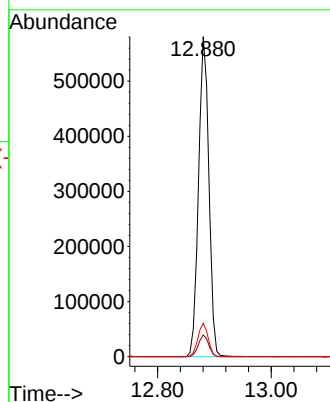
122 10.5 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#80

Butylbenzylphthalate

Concen: 51.167 ng

RT: 13.357 min Scan# 1915

Delta R.T. -0.023 min

Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

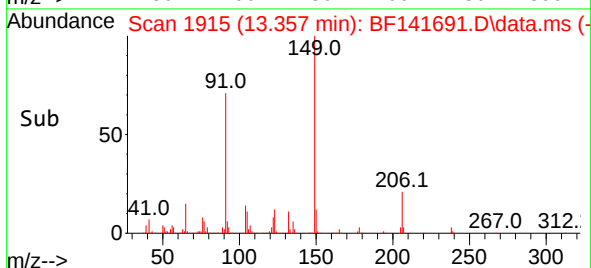
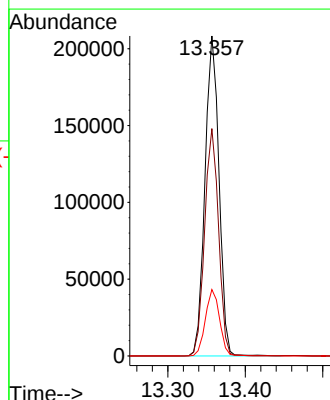
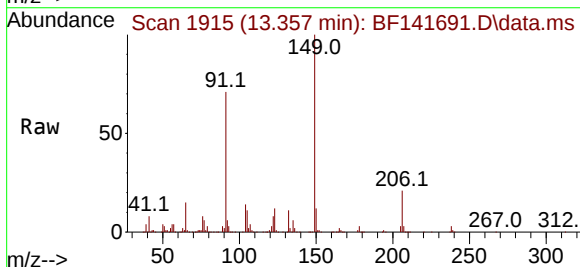
Tgt Ion:149 Resp: 261679

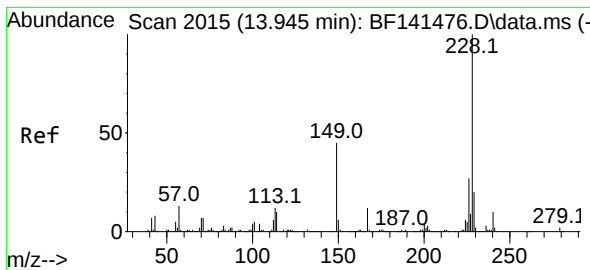
Ion Ratio Lower Upper

149 100

91 71.1 57.8 86.8

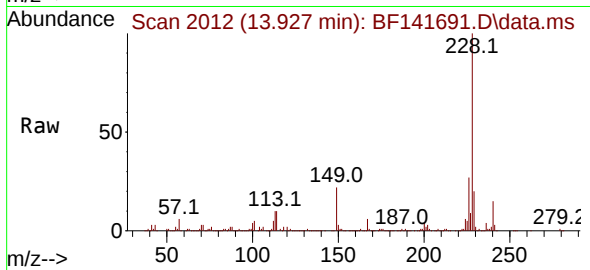
206 20.7 16.7 25.1





#81
Benzo(a)anthracene
Concen: 42.809 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

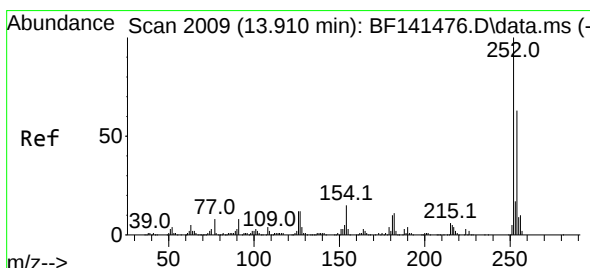
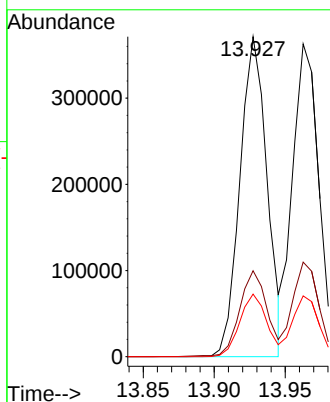
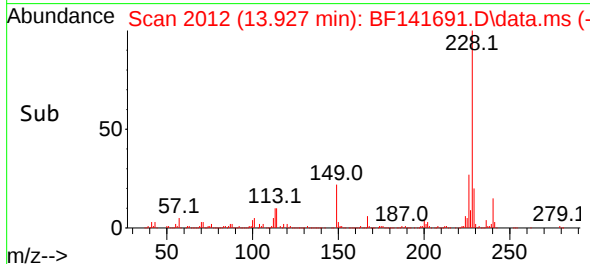
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



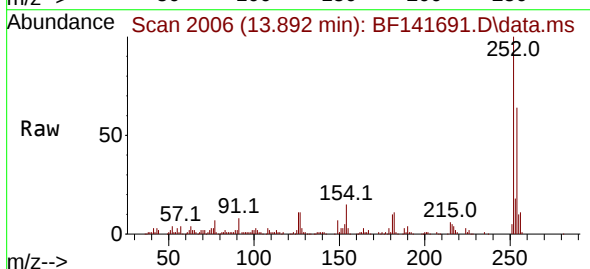
Tgt Ion:228 Resp: 49356
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.6 15.8 23.6

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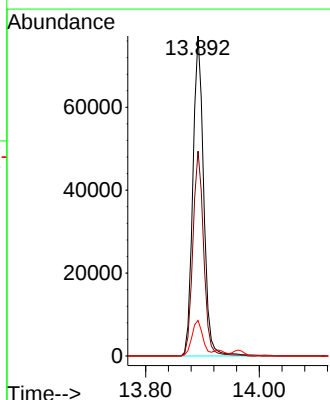
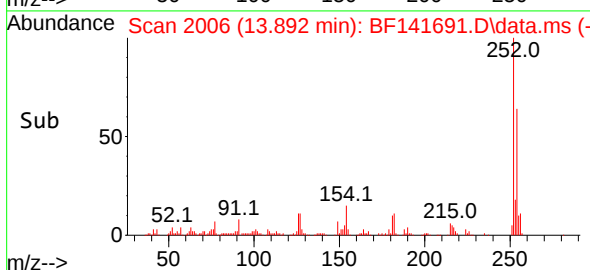
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

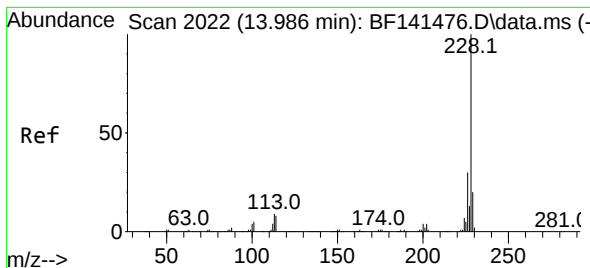


#82
3,3'-Dichlorobenzidine
Concen: 31.080 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.023 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



Tgt Ion:252 Resp: 102649
Ion Ratio Lower Upper
252 100
254 64.0 50.6 76.0
126 11.1 9.3 13.9





#83

Chrysene

Concen: 43.805 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.029 min

Lab File: BF141691.D

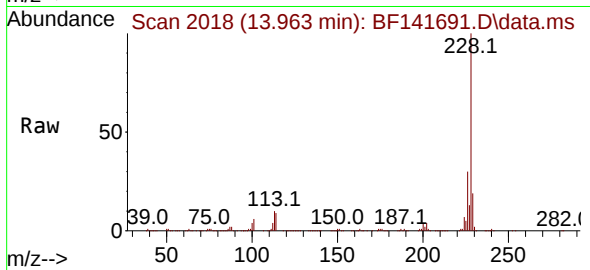
Acq: 19 Feb 2025 23:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-15-021725MS



Tgt Ion:228 Resp: 466344

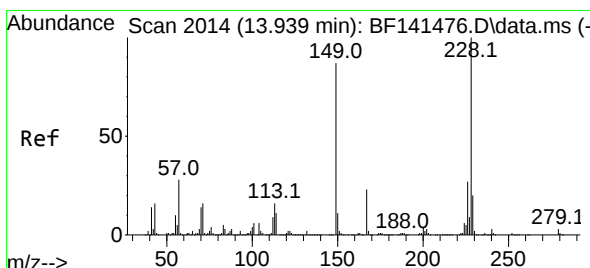
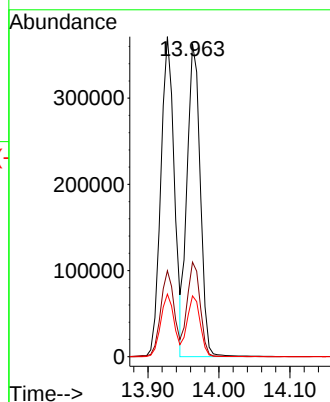
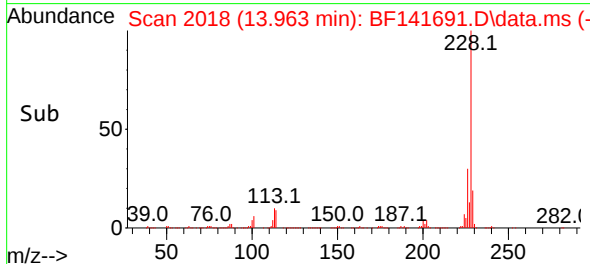
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	19.5	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.197 ng

RT: 13.916 min Scan# 2010

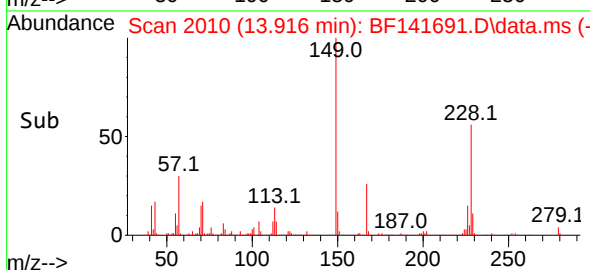
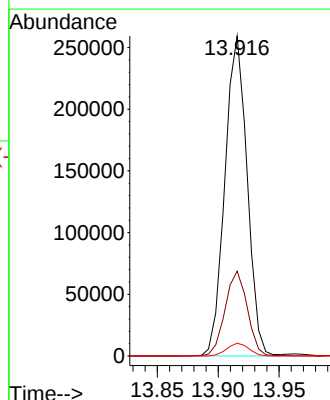
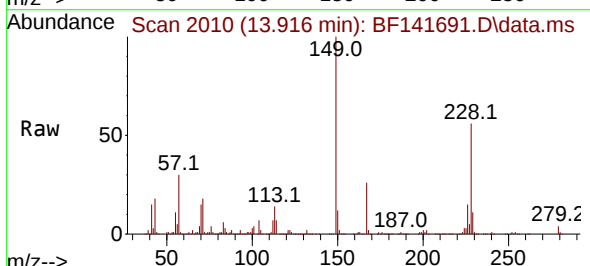
Delta R.T. -0.023 min

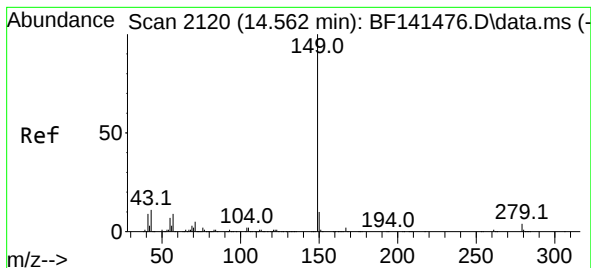
Lab File: BF141691.D

Acq: 19 Feb 2025 23:06

Tgt Ion:149 Resp: 329913

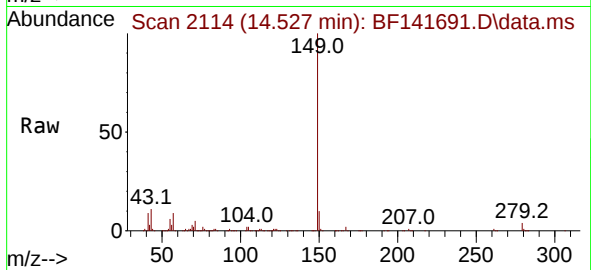
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.0
279	4.0	3.1	4.7





#85
Di-n-octyl phthalate
Concen: 58.294 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

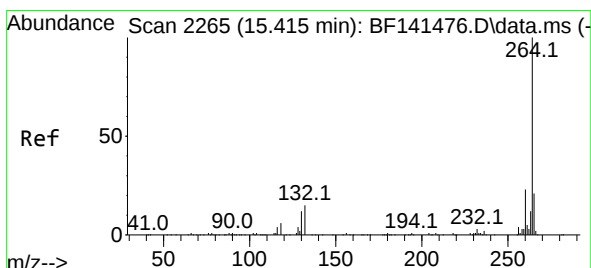
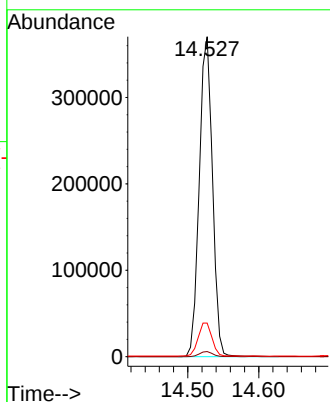
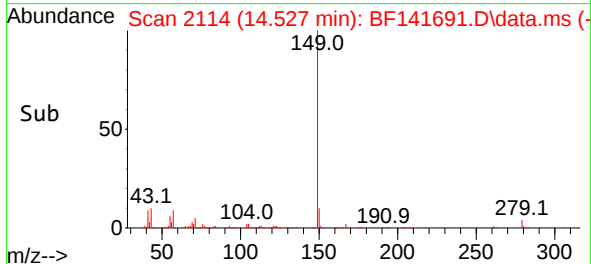
Instrument : BNA_F
ClientSampleId : OU4-PCS-TC-15-021725MS



Tgt Ion:149 Resp: 479672
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.8 9.5 14.3

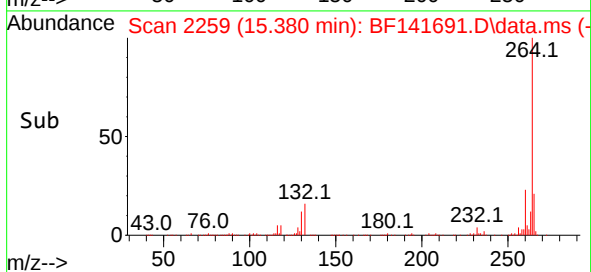
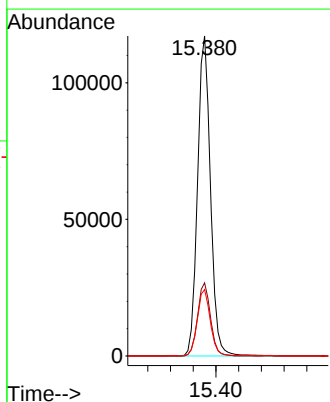
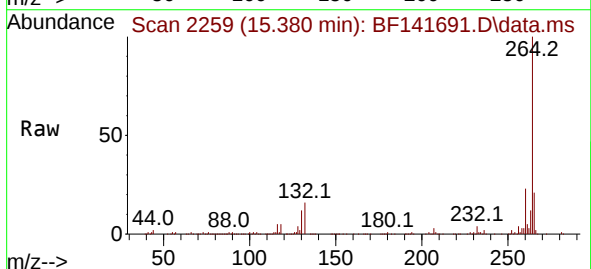
Manual Integrations
APPROVED

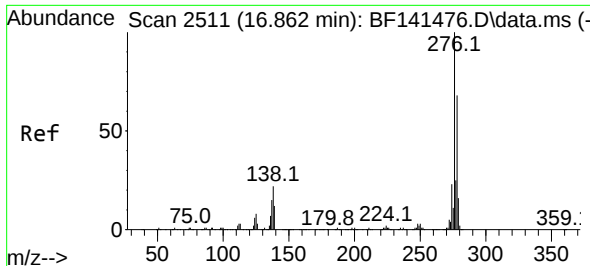
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

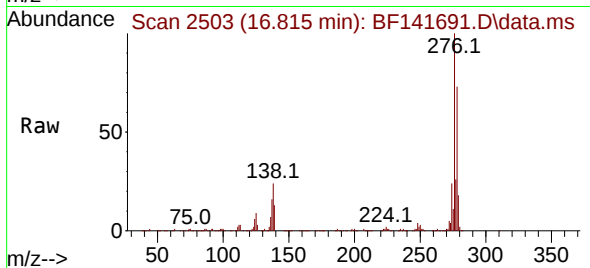
Tgt Ion:264 Resp: 184904
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 20.8 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.247 ng
 RT: 16.815 min Scan# 2188
 Delta R.T. -0.059 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

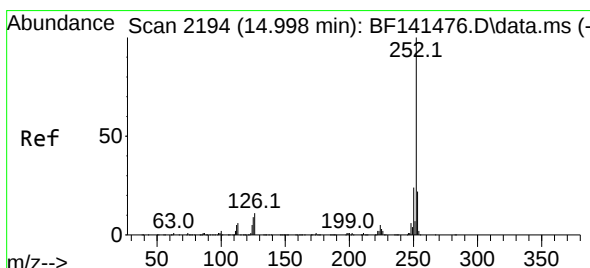
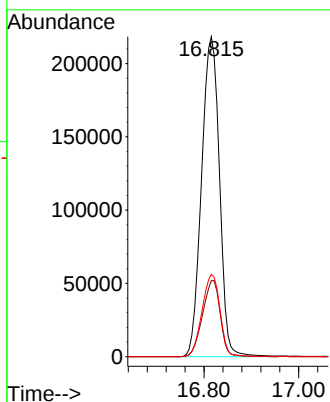
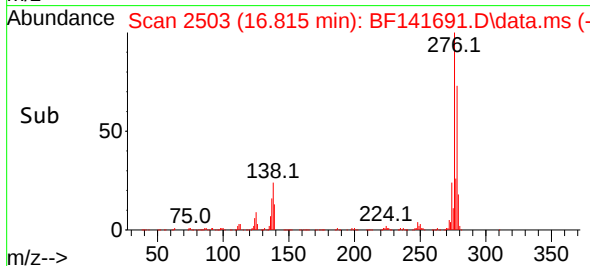
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-15-021725MS



Tgt Ion:276 Resp: 57407
 Ion Ratio Lower Upper
 276 100
 138 23.6 18.0 27.0
 277 25.8 20.4 30.6

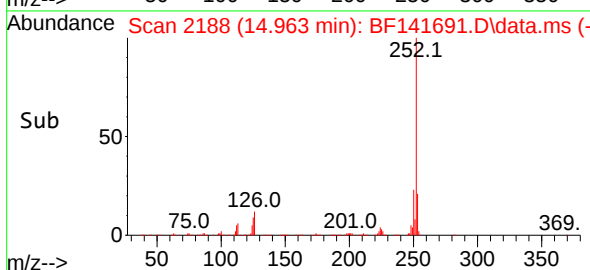
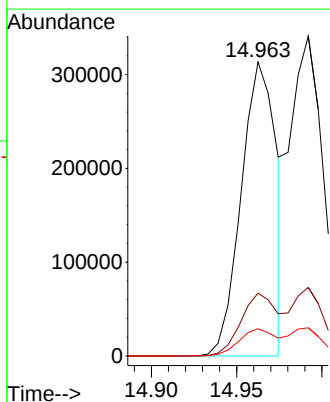
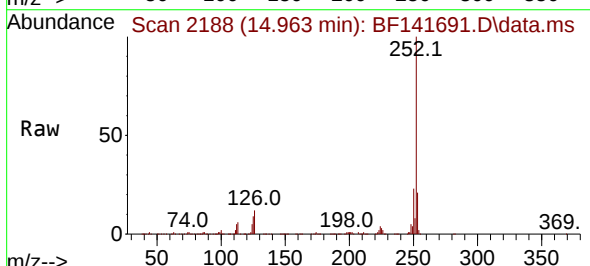
Manual Integrations
 APPROVED

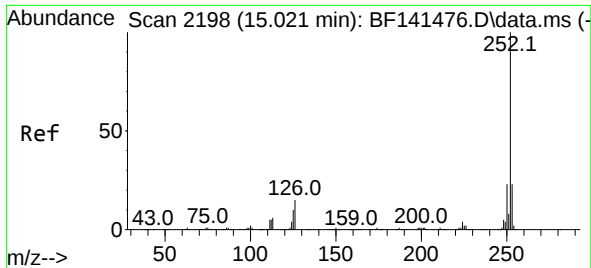
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#88
 Benzo(b)fluoranthene
 Concen: 35.988 ng
 RT: 14.963 min Scan# 2188
 Delta R.T. -0.041 min
 Lab File: BF141691.D
 Acq: 19 Feb 2025 23:06

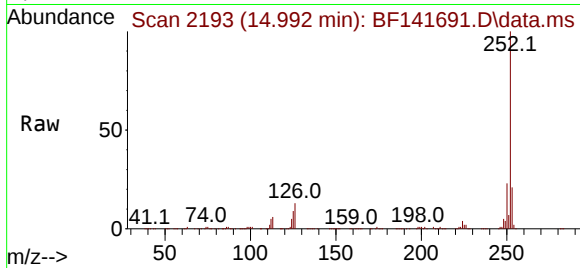
Tgt Ion:252 Resp: 446800
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.5 26.3
 125 9.3 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 43.757 ng m
RT: 14.992 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

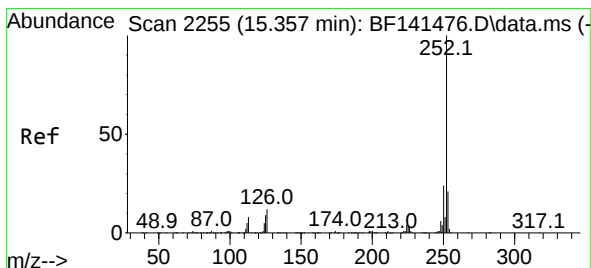
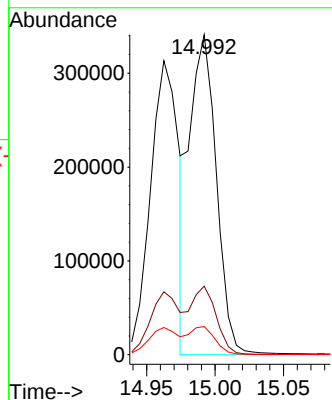
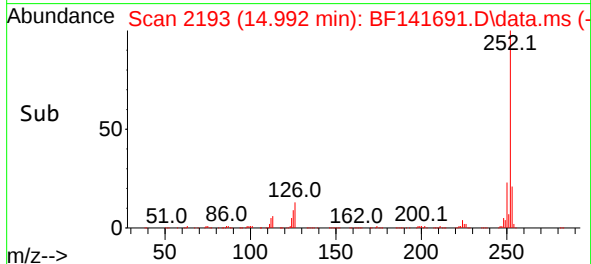
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



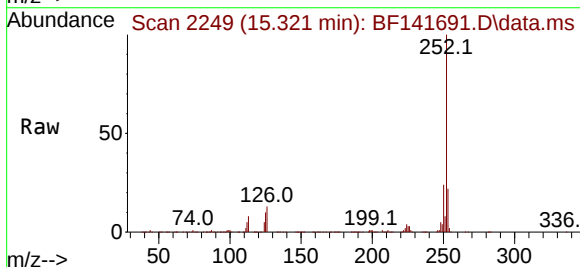
Tgt Ion:252 Resp: 463890
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 8.8 7.4 11.0

Manual Integrations
APPROVED

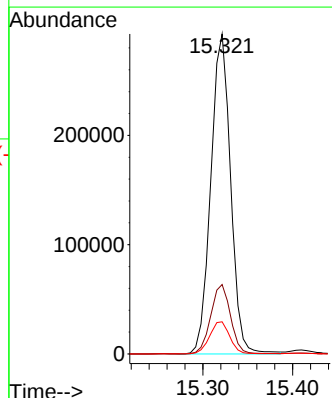
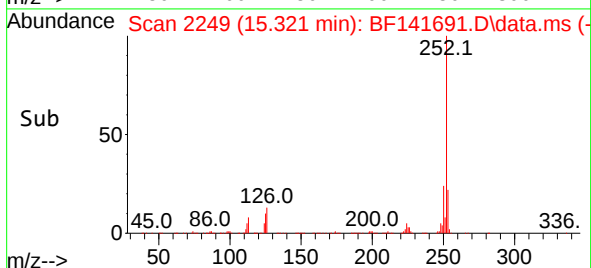
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#90
Benzo(a)pyrene
Concen: 44.656 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



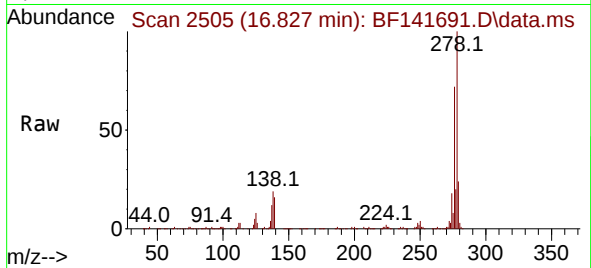
Tgt Ion:252 Resp: 448618
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 10.0 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 50.258 ng
RT: 16.827 min Scan# 2505
Delta R.T. -0.065 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06

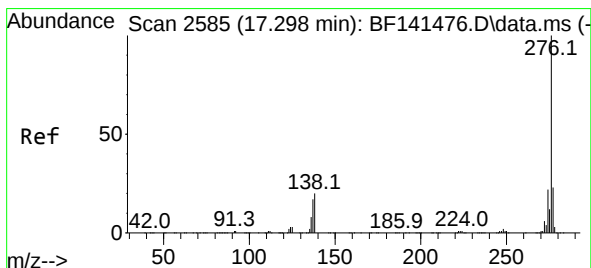
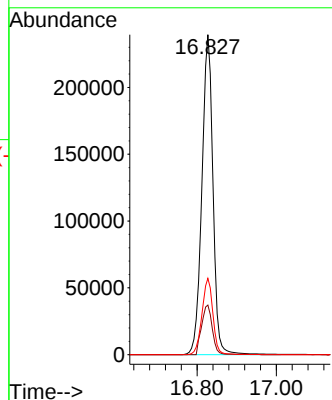
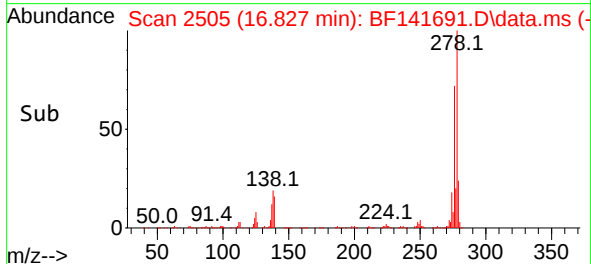
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-15-021725MS



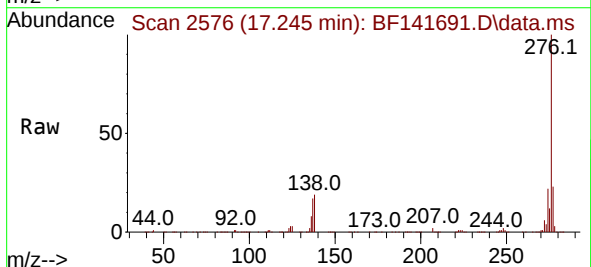
Tgt Ion:278 Resp: 46526
Ion Ratio Lower Upper
278 100
139 15.5 11.8 17.6
279 23.8 19.1 28.7

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 47.060 ng
RT: 17.245 min Scan# 2576
Delta R.T. -0.070 min
Lab File: BF141691.D
Acq: 19 Feb 2025 23:06



Tgt Ion:276 Resp: 455897
Ion Ratio Lower Upper
276 100
277 22.9 18.6 28.0
138 19.4 15.9 23.9

