

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141673.D
 Acq On : 19 Feb 2025 14:12
 Operator : RC/JU
 Sample : PB166772BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166772BS

Manual Integrations
 APPROVED

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

Quant Time: Feb 19 14:54:26 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76847	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	301056	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	152753	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	239343	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	156928	20.000	ng	-0.02
86) Perylene-d12	15.380	264	174497	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	647354	132.066	ng	0.00
7) Phenol-d6	6.428	99	770702	124.399	ng	-0.01
23) Nitrobenzene-d5	7.345	82	508808	88.151	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	192658	125.553	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	960534	96.878	ng	-0.01
79) Terphenyl-d14	12.886	244	887992	95.527	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	82850	41.995	ng	98
3) Pyridine	3.281	79	190508	40.580	ng	95
4) n-Nitrosodimethylamine	3.222	42	124474	40.043	ng	91
6) Aniline	6.445	93	203794	35.067	ng	# 84
8) 2-Chlorophenol	6.569	128	234484	44.271	ng	100
9) Benzaldehyde	6.334	77	105070	31.914	ng	98
10) Phenol	6.439	94	271519	42.107	ng	94
11) bis(2-Chloroethyl)ether	6.516	93	222051	45.847	ng	100
12) 1,3-Dichlorobenzene	6.722	146	249629	44.643	ng	98
13) 1,4-Dichlorobenzene	6.798	146	255294	44.686	ng	99
14) 1,2-Dichlorobenzene	6.951	146	243401	45.904	ng	98
15) Benzyl Alcohol	6.928	79	192844	40.591	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	347910	41.963	ng	78
17) 2-Methylphenol	7.045	107	179444	43.293	ng	98
18) Hexachloroethane	7.292	117	94723	44.800	ng	95
19) n-Nitroso-di-n-propyla...	7.198	70	157232	42.428	ng	95
20) 3+4-Methylphenols	7.198	107	229811	43.628	ng	99
22) Acetophenone	7.192	105	358301	47.844	ng	95
24) Nitrobenzene	7.369	77	241718	42.946	ng	97
25) Isophorone	7.604	82	419547	45.587	ng	99
26) 2-Nitrophenol	7.681	139	122892	43.886	ng	95
27) 2,4-Dimethylphenol	7.722	122	179793	54.961	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	263458	44.675	ng	100
29) 2,4-Dichlorophenol	7.933	162	190304	43.056	ng	100
30) 1,2,4-Trichlorobenzene	8.004	180	210677	43.771	ng	99
31) Naphthalene	8.086	128	671912	42.876	ng	100
32) Benzoic acid	7.857	122	121719	35.822	ng	99
33) 4-Chloroaniline	8.145	127	73866	13.500	ng	99
34) Hexachlorobutadiene	8.198	225	132066	45.705	ng	99
35) Caprolactam	8.504	113	60748m	45.141	ng	
36) 4-Chloro-3-methylphenol	8.628	107	197584	40.356	ng	99
37) 2-Methylnaphthalene	8.775	142	417774	40.967	ng	99
38) 1-Methylnaphthalene	8.875	142	404497	40.954	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	229877	52.016	ng	99
41) Hexachlorocyclopentadiene	8.928	237	218953	148.957	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	123418	43.209	ng	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	135171	43.666	ng	97
46) 1,1'-Biphenyl	9.239	154	603699	50.977	ng	100
47) 2-Chloronaphthalene	9.263	162	406922	46.467	ng	99
48) 2-Nitroaniline	9.363	65	124415	42.333	ng	98
49) Acenaphthylene	9.680	152	616588	47.337	ng	99
50) Dimethylphthalate	9.539	163	460112	44.369	ng	99
51) 2,6-Dinitrotoluene	9.604	165	100052	44.135	ng	98
52) Acenaphthene	9.851	154	381493	43.565	ng	99
53) 3-Nitroaniline	9.775	138	54535	22.351	ng	99
54) 2,4-Dinitrophenol	9.892	184	105122	78.023	ng	91
55) Dibenzofuran	10.022	168	553109	43.032	ng	99
56) 4-Nitrophenol	9.957	139	130520	72.061	ng	93
57) 2,4-Dinitrotoluene	10.010	165	128795	42.677	ng	99
58) Fluorene	10.363	166	432903	43.559	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	111649	41.893	ng	96
60) Diethylphthalate	10.239	149	426389	41.791	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	213892	44.736	ng	98
62) 4-Nitroaniline	10.392	138	92374	37.285	ng	95
63) Azobenzene	10.516	77	420140	41.422	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	67163	40.396	ng	92
66) n-Nitrosodiphenylamine	10.474	169	367999	48.032	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	128099	47.888	ng	99
68) Hexachlorobenzene	10.910	284	133838	48.589	ng	98
69) Atrazine	11.004	200	129528	56.354	ng	99
70) Pentachlorophenol	11.110	266	123973	70.388	ng	99
71) Phenanthrene	11.327	178	604311	45.869	ng	100
72) Anthracene	11.380	178	624150	47.128	ng	99
73) Carbazole	11.533	167	512694	43.023	ng	100
74) Di-n-butylphthalate	11.863	149	603297	43.845	ng	99
75) Fluoranthene	12.516	202	584107	41.818	ng	99
77) Benzidine	12.639	184	172295	49.783	ng	100
78) Pyrene	12.739	202	579393	43.372	ng	100
80) Butylbenzylphthalate	13.357	149	212592	45.945	ng	100
81) Benzo(a)anthracene	13.927	228	471396	45.189	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	101807	34.070	ng	99
83) Chrysene	13.968	228	449197	46.636	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	285840	54.773	ng	100
85) Di-n-octyl phthalate	14.527	149	473442	63.593	ng	99
87) Indeno(1,2,3-cd)pyrene	16.821	276	577305	53.543	ng	99
88) Benzo(b)fluoranthene	14.962	252	495590	42.298	ng	99
89) Benzo(k)fluoranthene	14.992	252	417625	41.742	ng	98
90) Benzo(a)pyrene	15.321	252	451121	47.583	ng	99
91) Dibenzo(a,h)anthracene	16.833	278	465649	53.299	ng	100
92) Benzo(g,h,i)perylene	17.245	276	457868	50.082	ng	99

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

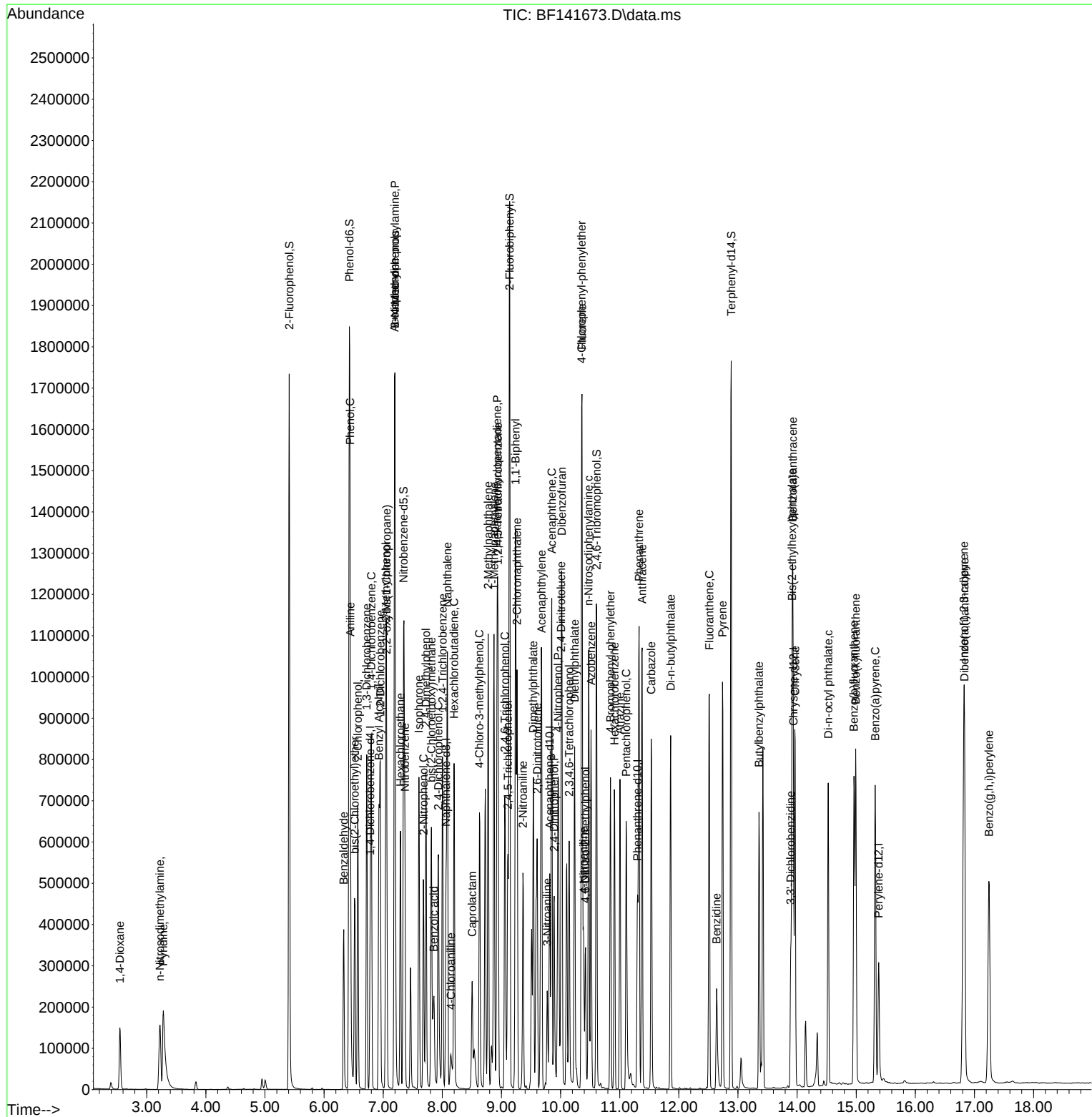
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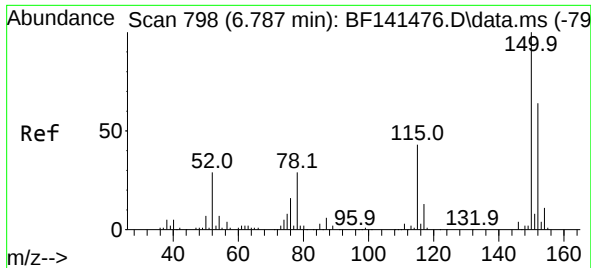
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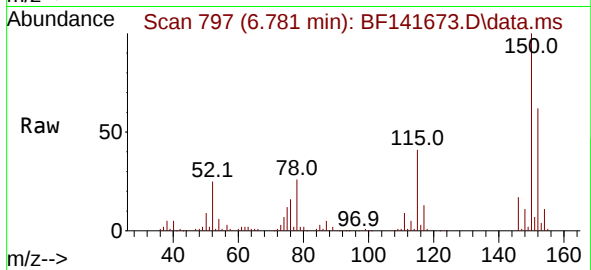
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141673.D
 Acq: 19 Feb 2025 14:12

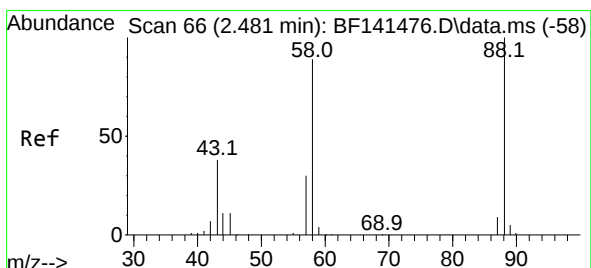
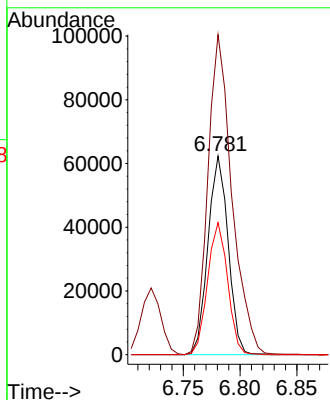
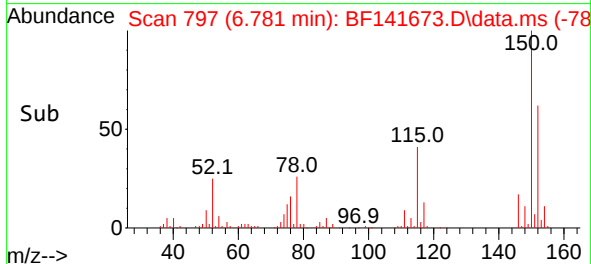
Instrument :
 BNA_F
 ClientSampleId :
 PB166772BS



Tgt Ion:152 Resp: 7684
 Ion Ratio Lower Upper
 152 100
 150 161.2 125.0 187.4
 115 66.5 53.6 80.4

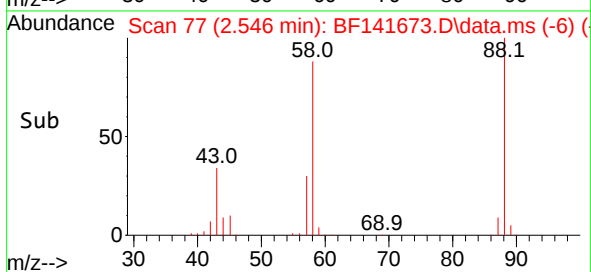
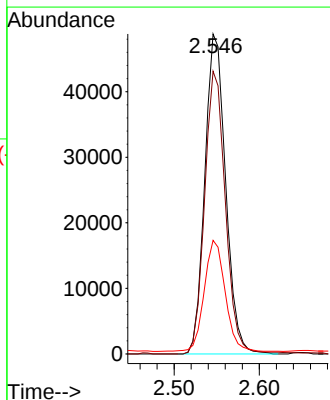
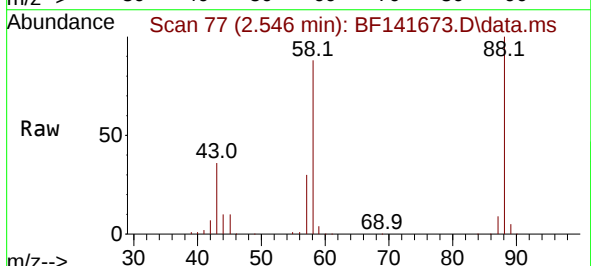
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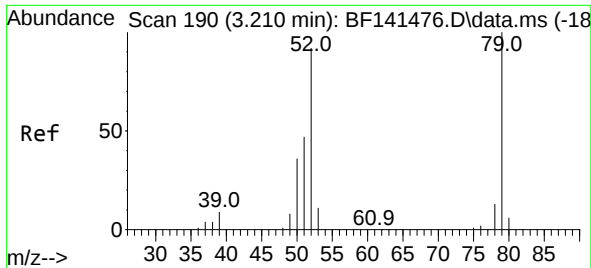
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025



#2
 1,4-Dioxane
 Concen: 41.995 ng
 RT: 2.546 min Scan# 77
 Delta R.T. 0.065 min
 Lab File: BF141673.D
 Acq: 19 Feb 2025 14:12

Tgt Ion: 88 Resp: 82850
 Ion Ratio Lower Upper
 88 100
 58 88.6 71.1 106.7
 43 35.4 30.6 46.0





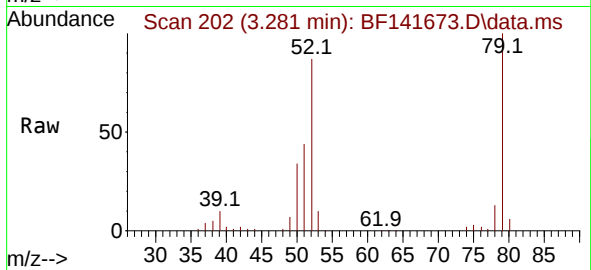
#3
Pyridine
Concen: 40.580 ng
RT: 3.281 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS

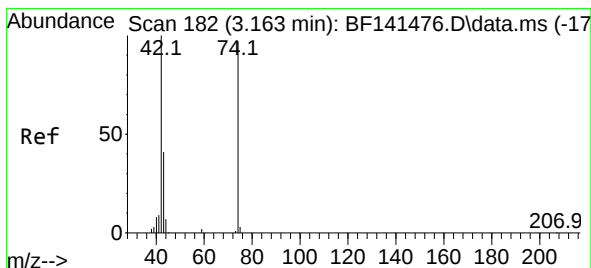
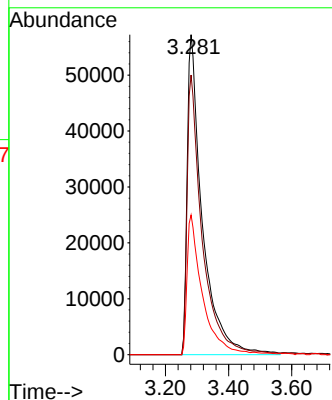
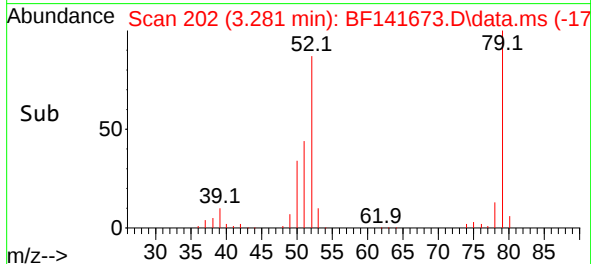


Tgt Ion: 79 Resp: 190508
Ion Ratio Lower Upper
79 100
52 87.4 73.7 110.5
51 43.7 37.5 56.3

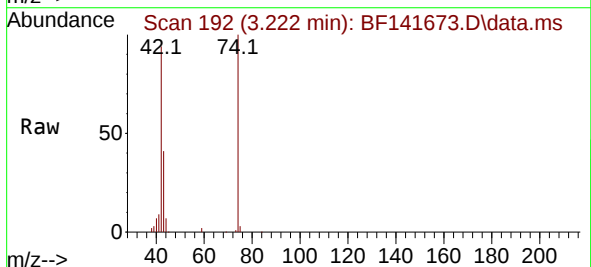
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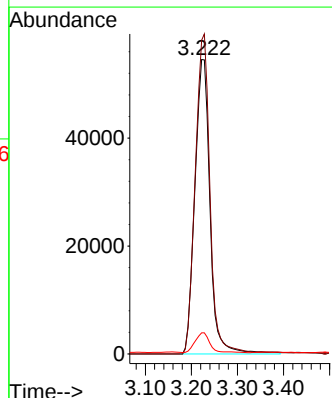
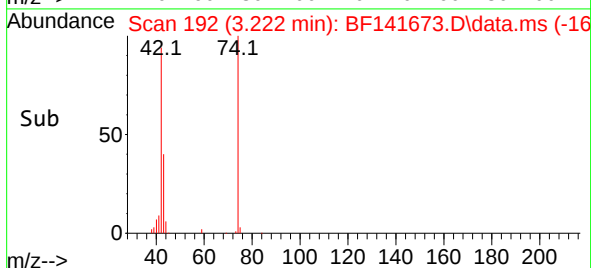
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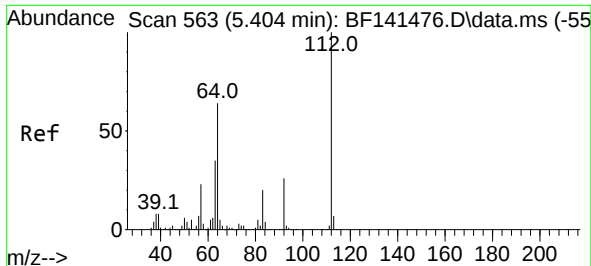


#4
n-Nitrosodimethylamine
Concen: 40.043 ng
RT: 3.222 min Scan# 192
Delta R.T. 0.035 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



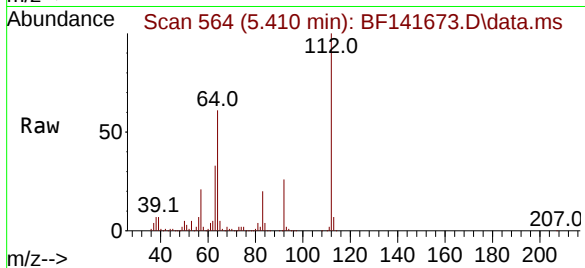
Tgt Ion: 42 Resp: 124474
Ion Ratio Lower Upper
42 100
74 106.6 78.0 117.0
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 132.066 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

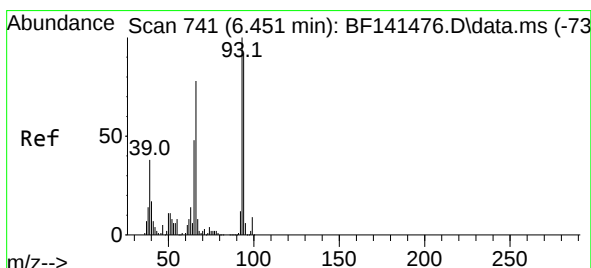
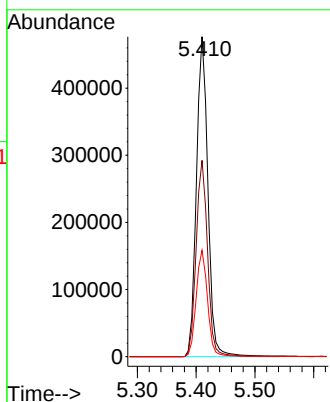
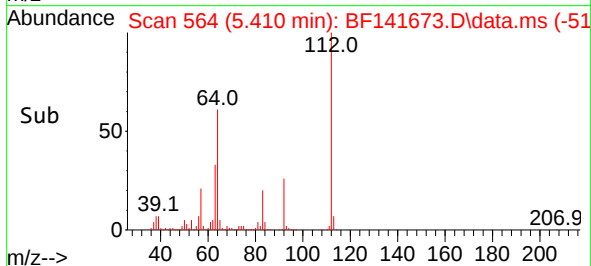
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:112 Resp: 647354
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 33.3 28.4 42.6

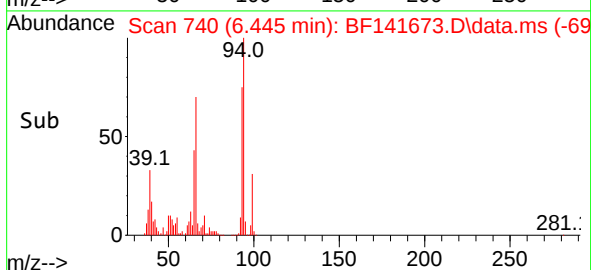
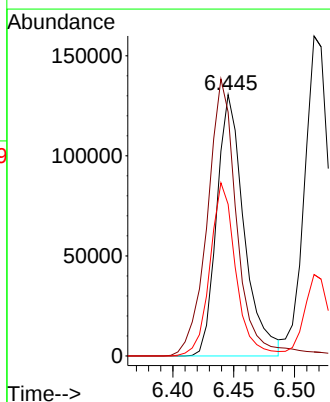
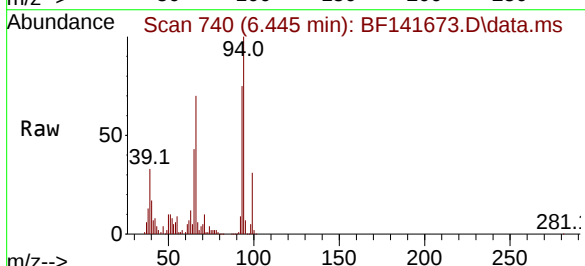
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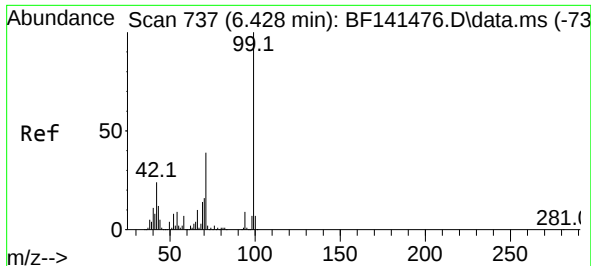
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#6
Aniline
Concen: 35.067 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

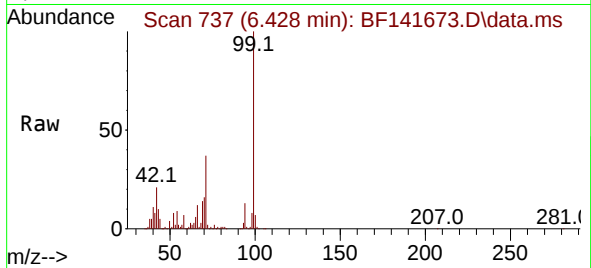
Tgt Ion: 93 Resp: 203794
Ion Ratio Lower Upper
93 100
66 93.3 62.6 94.0
65 58.1 38.3 57.5#





#7
Phenol-d6
Concen: 124.399 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

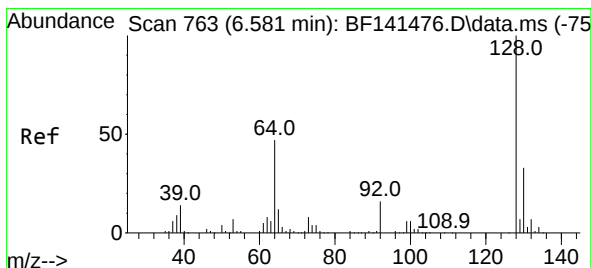
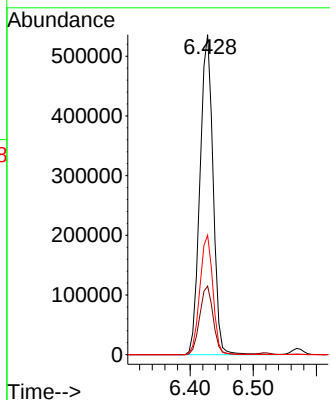
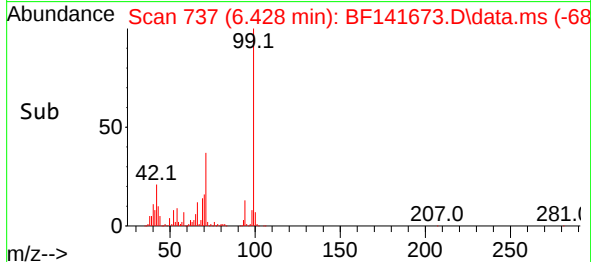
Instrument :
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Tgt Ion: 99 Resp: 77070
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 37.4 31.1 46.7

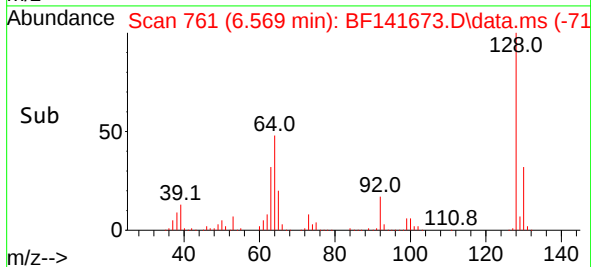
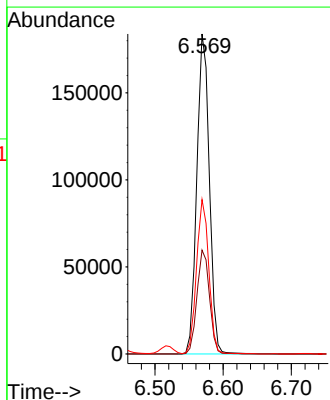
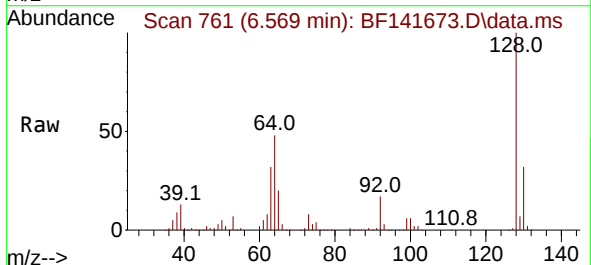
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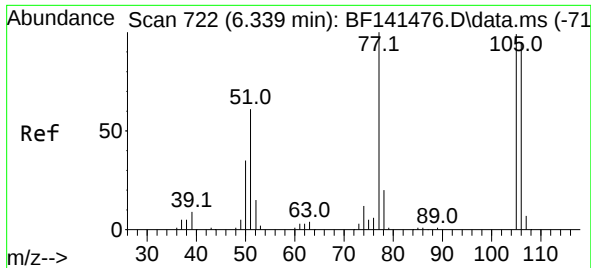
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#8
2-Chlorophenol
Concen: 44.271 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:128 Resp: 234484
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 48.3 28.3 68.3





#9
Benzaldehyde
Concen: 31.914 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141673.D
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Instrument :

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ClientSampleId :

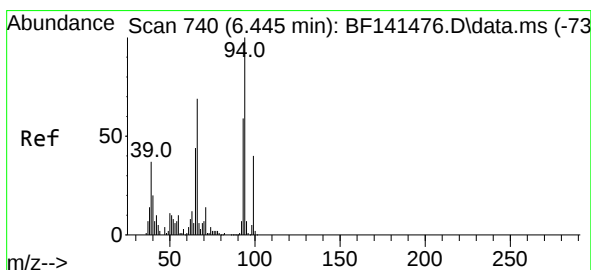
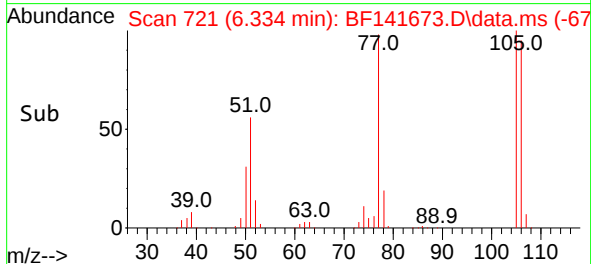
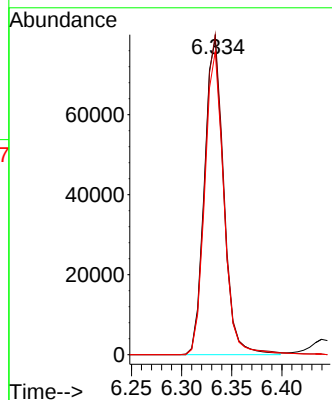
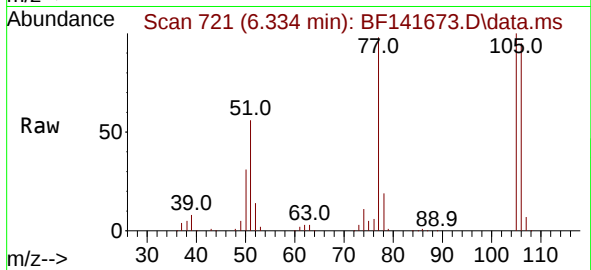
PB166772BS

Tgt Ion: 77 Resp: 105070
Ion Ratio Lower Upper
77 100
105 101.5 79.4 119.4
106 96.2 75.1 115.1

Manual Integrations

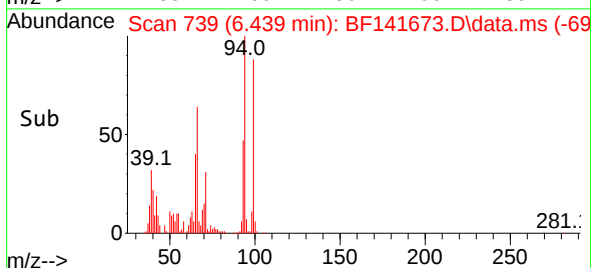
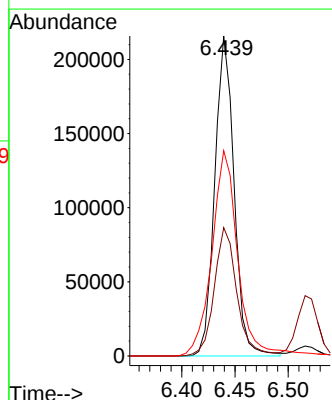
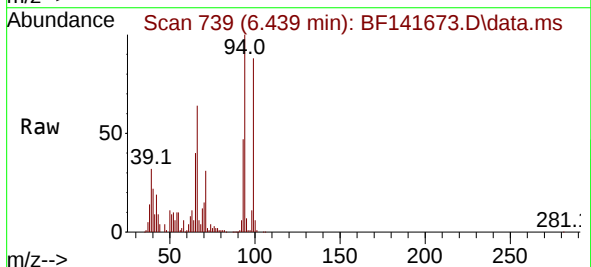
APPROVED

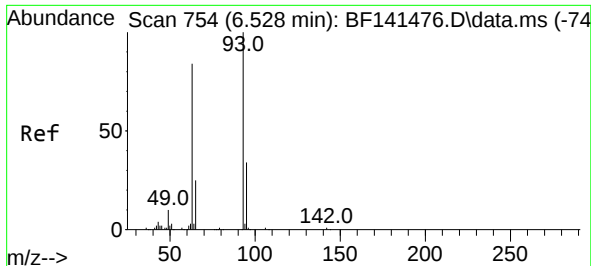
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#10
Phenol
Concen: 42.107 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

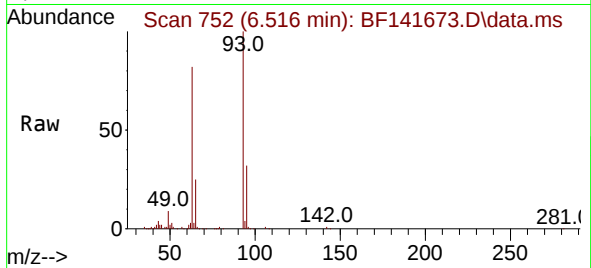
Tgt Ion: 94 Resp: 271519
Ion Ratio Lower Upper
94 100
65 40.1 23.7 63.7
66 64.1 49.3 89.3





#11
bis(2-Chloroethyl)ether
Concen: 45.847 ng
RT: 6.516 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

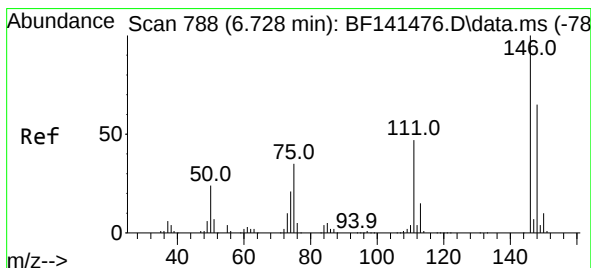
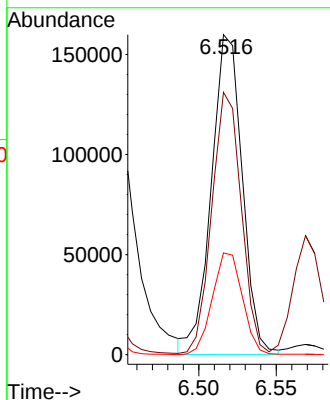
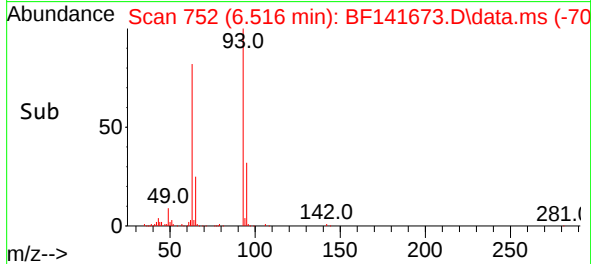
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion: 93 Resp: 22205
Ion Ratio Lower Upper
93 100
63 82.0 62.0 102.0
95 31.8 12.6 52.6

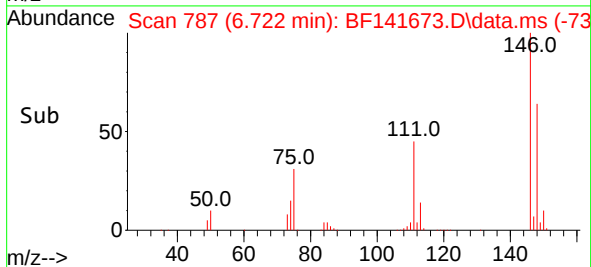
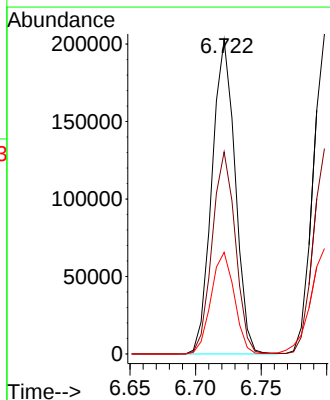
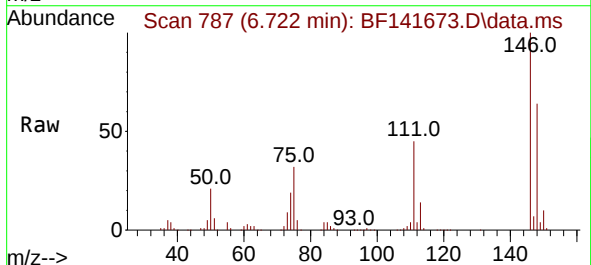
Manual Integrations
APPROVED

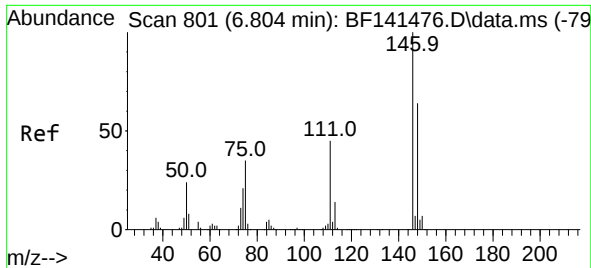
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#12
1,3-Dichlorobenzene
Concen: 44.643 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:146 Resp: 249629
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 32.4 28.2 42.2





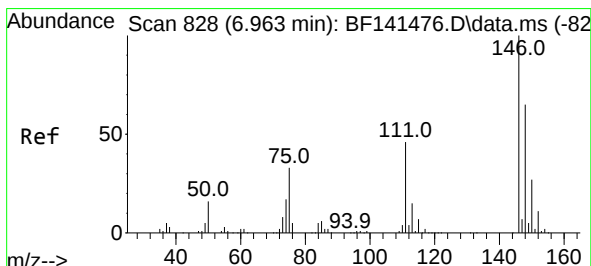
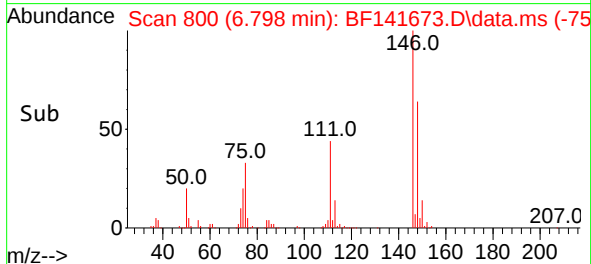
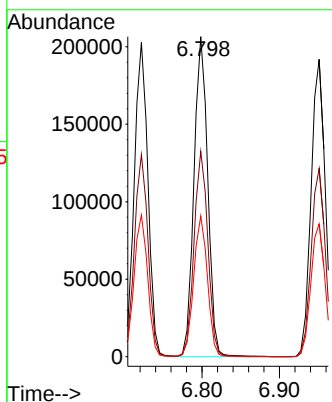
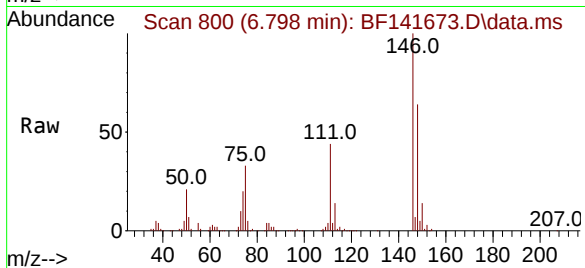
#13
1,4-Dichlorobenzene
Concen: 44.686 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :
BNA_F
ClientSampleId :
PB166772BS

Tgt Ion:146 Resp: 255294
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 44.0 35.9 53.9

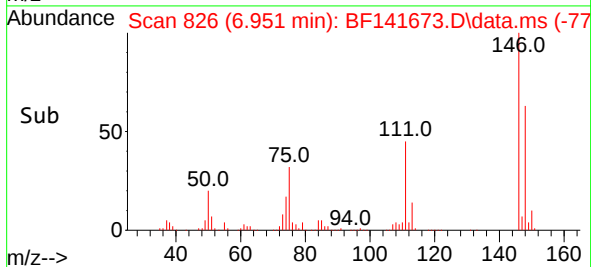
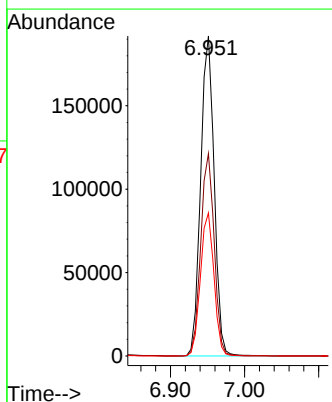
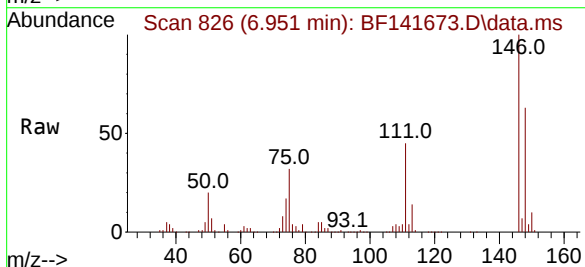
Manual Integrations
APPROVED

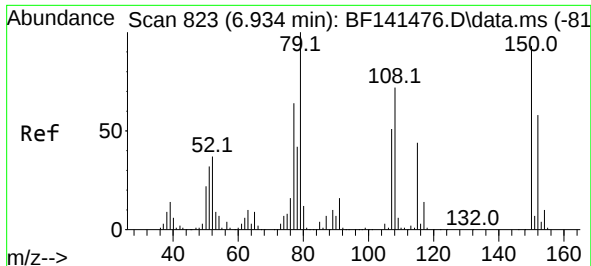
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#14
1,2-Dichlorobenzene
Concen: 45.904 ng
RT: 6.951 min Scan# 826
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:146 Resp: 243401
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
111 44.7 37.0 55.4





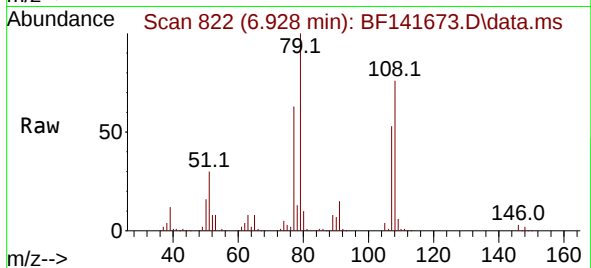
#15
Benzyl Alcohol
Concen: 40.591 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

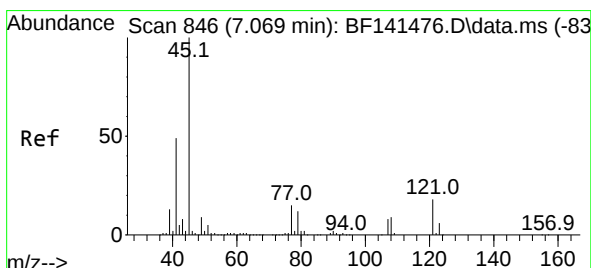
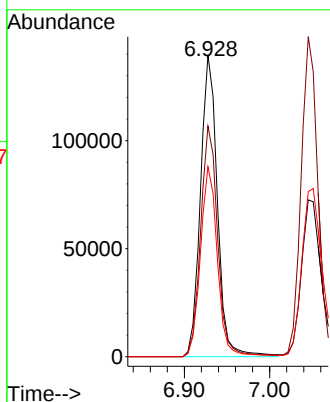
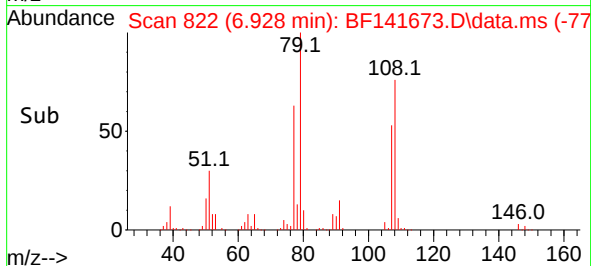
PB166772BS



Tgt Ion: 79 Resp: 192844
Ion Ratio Lower Upper
79 100
108 76.5 57.4 86.2
77 62.9 50.9 76.3

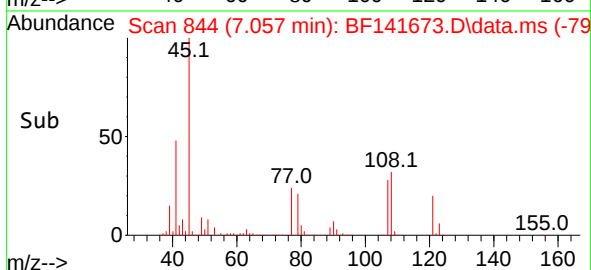
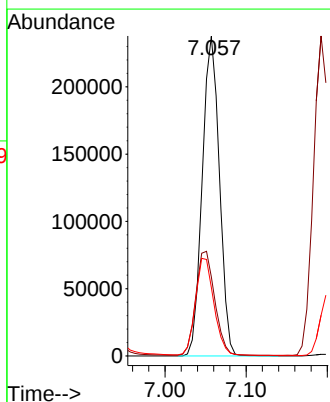
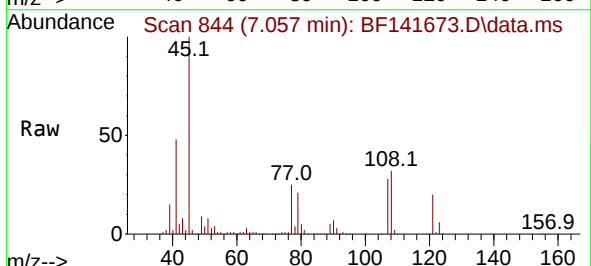
Manual Integrations
APPROVED

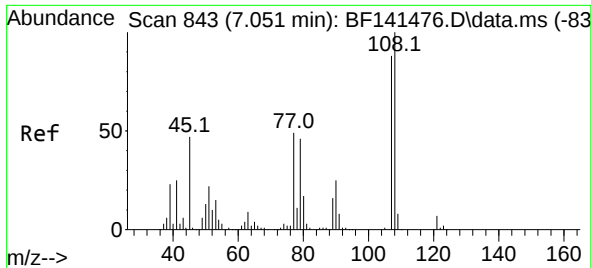
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.963 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

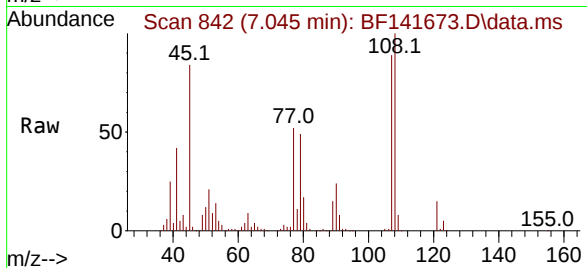
Tgt Ion: 45 Resp: 347910
Ion Ratio Lower Upper
45 100
77 24.8 0.0 35.8
79 21.5 0.0 32.7





#17
2-Methylphenol
Concen: 43.293 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

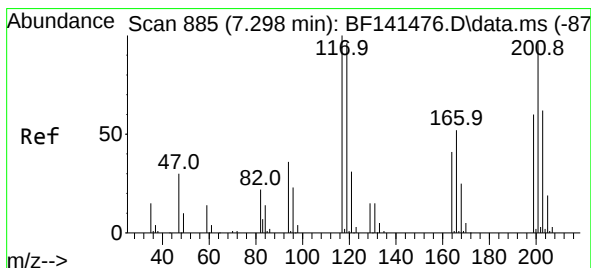
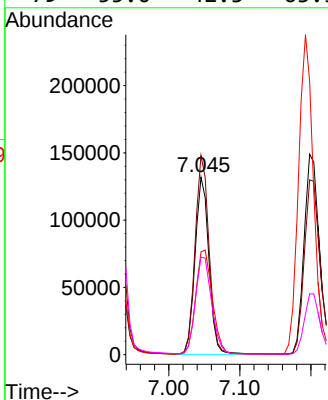
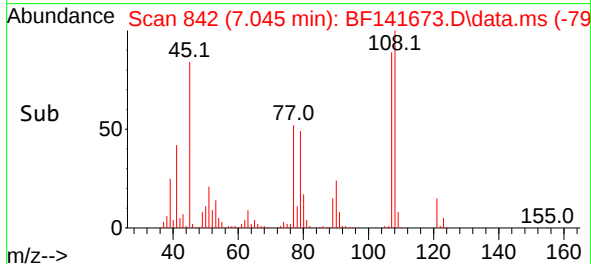
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:107 Resp: 17944
Ion Ratio Lower Upper
107 100
108 112.3 90.6 136.0
77 57.9 44.4 66.6
79 55.0 42.3 63.5

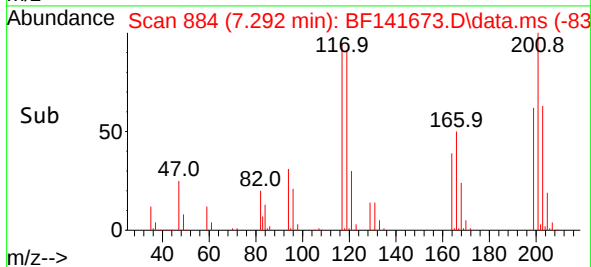
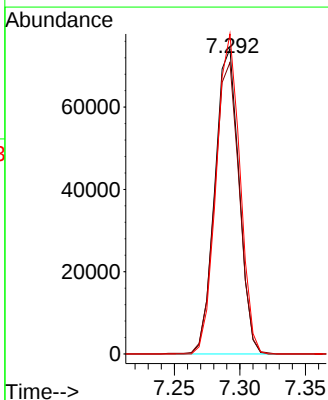
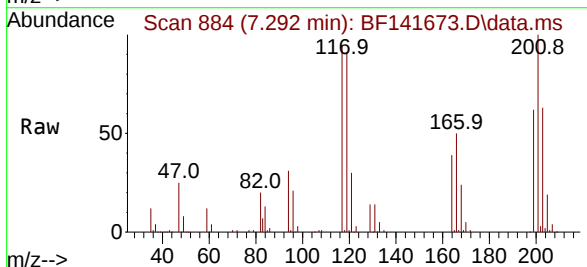
Manual Integrations
APPROVED

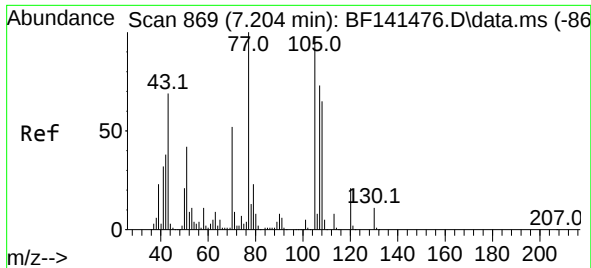
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#18
Hexachloroethane
Concen: 44.800 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:117 Resp: 94723
Ion Ratio Lower Upper
117 100
119 95.5 76.5 114.7
201 104.8 76.7 115.1





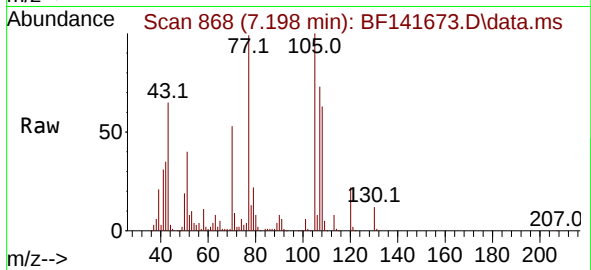
#19
n-Nitroso-di-n-propylamine
Concen: 42.428 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS

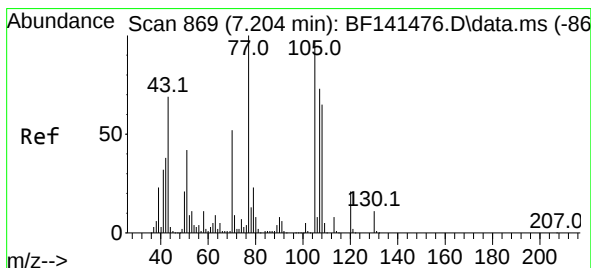
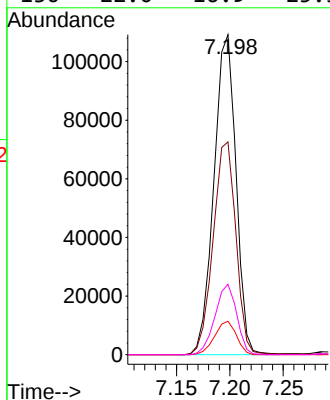
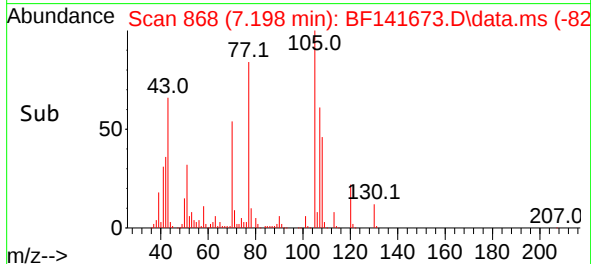


Tgt Ion: 70 Resp: 15723
Ion Ratio Lower Upper
70 100
42 66.5 57.4 86.2
101 10.4 8.0 12.0
130 22.0 16.9 25.3

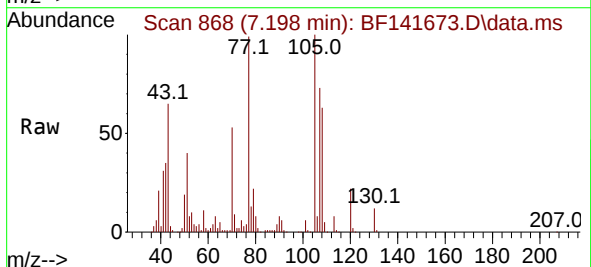
Manual Integrations

APPROVED

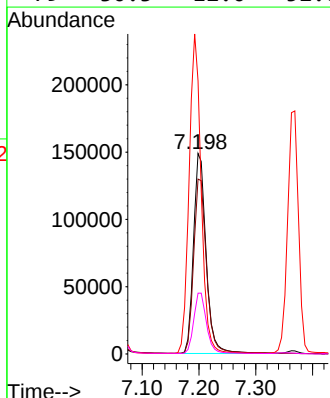
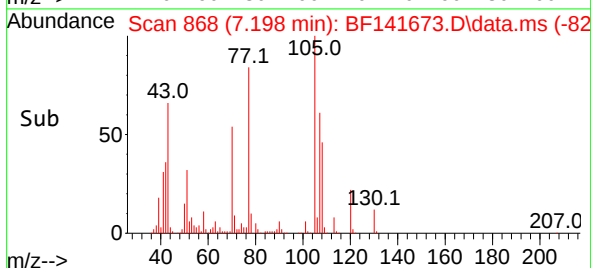
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

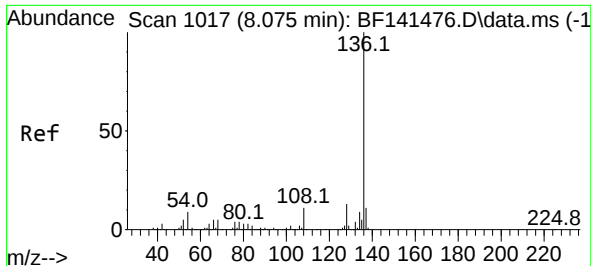


#20
3+4-Methylphenols
Concen: 43.628 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



Tgt Ion:107 Resp: 229811
Ion Ratio Lower Upper
107 100
108 87.2 68.5 108.5
77 136.2 116.5 156.5
79 30.3 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: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

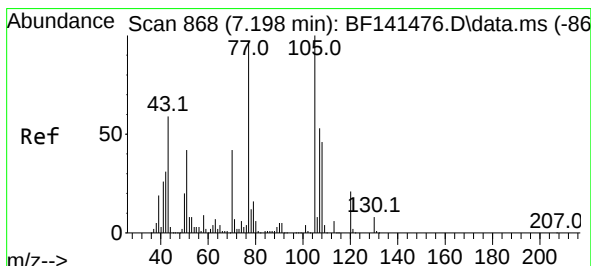
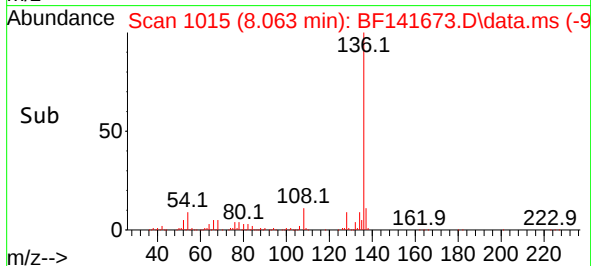
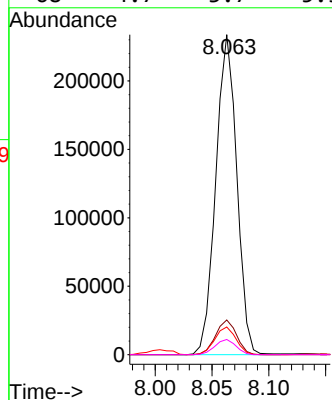
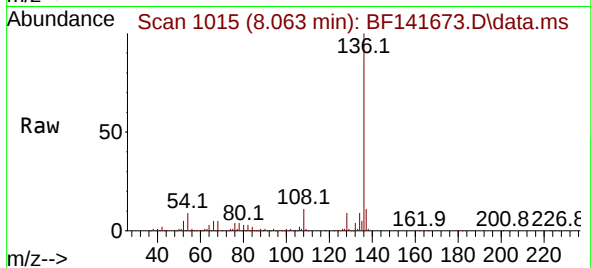
PB166772BS

Tgt Ion:136 Resp: 301050
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.2 10.8
68 4.7 3.7 5.5

Manual Integrations

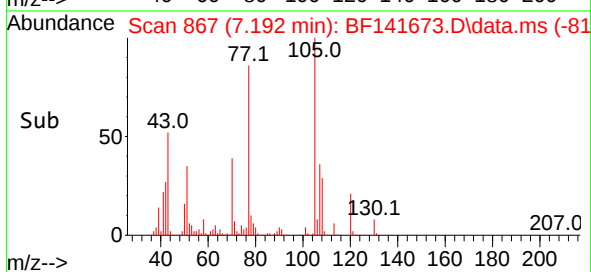
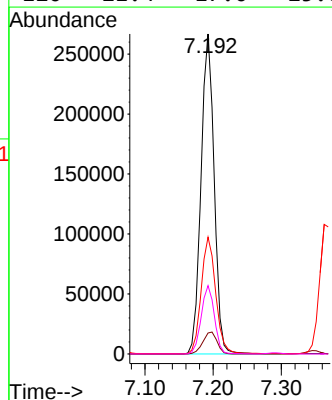
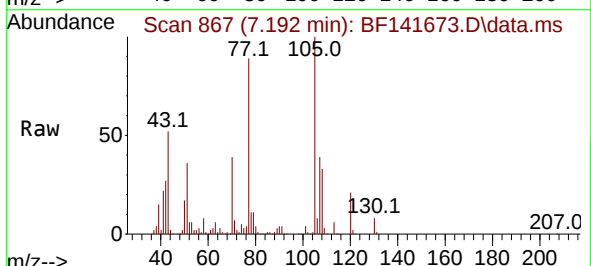
APPROVED

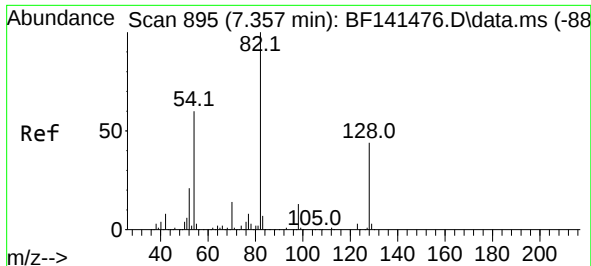
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#22
Acetophenone
Concen: 47.844 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:105 Resp: 358301
Ion Ratio Lower Upper
105 100
71 6.6 5.7 8.5
51 36.5 33.7 50.5
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.151 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS

Tgt Ion: 82 Resp: 508808

Ion Ratio Lower Upper

82 100

128 44.5 34.8 52.2

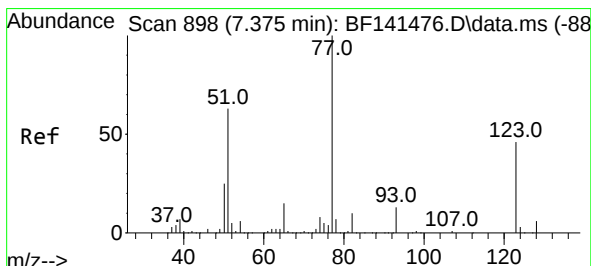
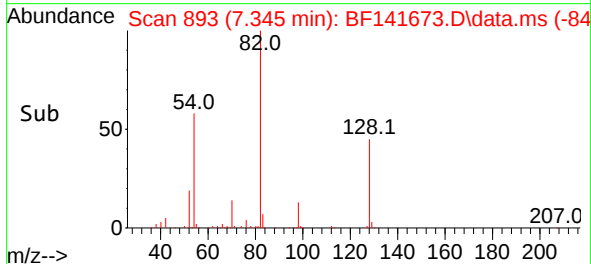
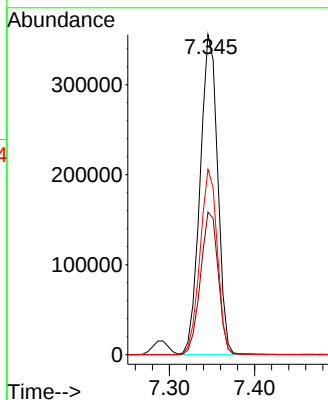
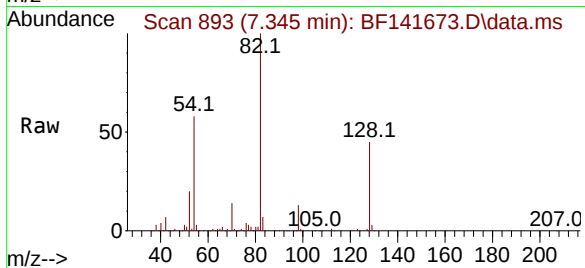
54 57.9 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#24

Nitrobenzene

Concen: 42.946 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

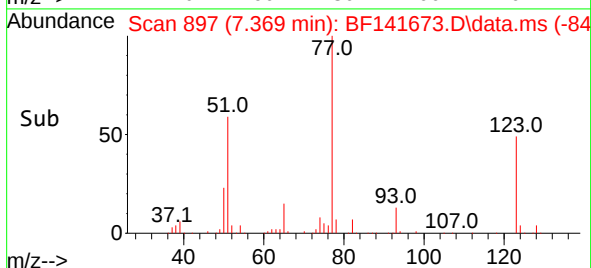
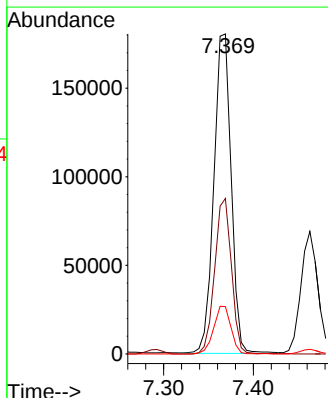
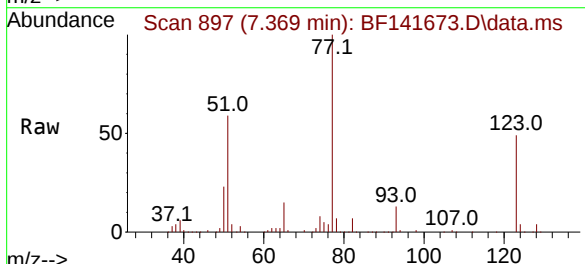
Tgt Ion: 77 Resp: 241718

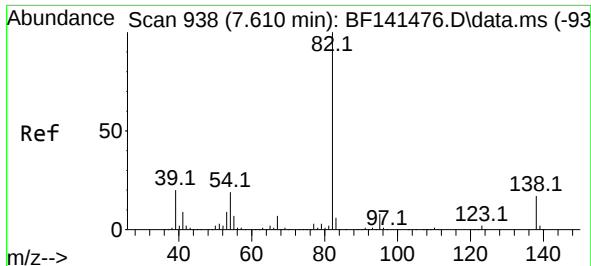
Ion Ratio Lower Upper

77 100

123 48.6 36.9 55.3

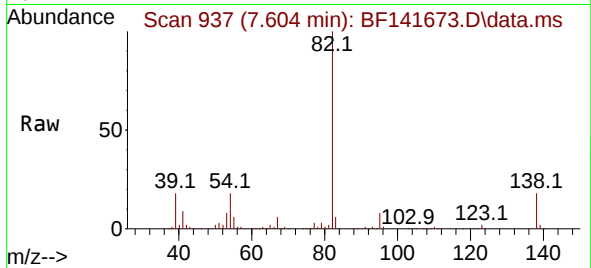
65 14.8 11.9 17.9





#25
Isophorone
Concen: 45.587 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

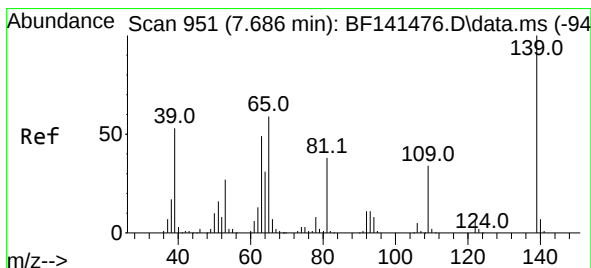
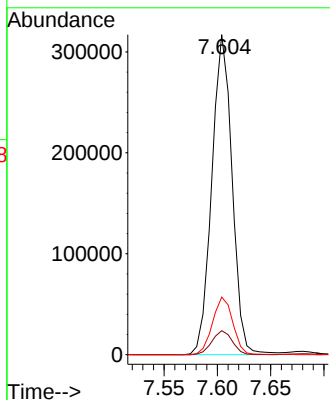
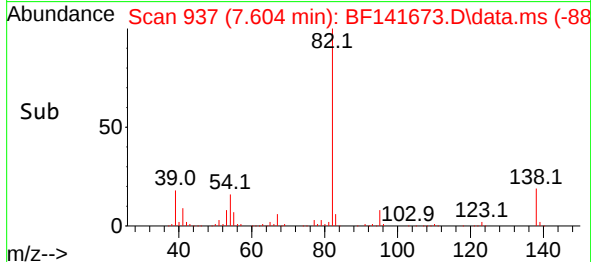
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion: 82 Resp: 41954
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 18.0 13.9 20.9

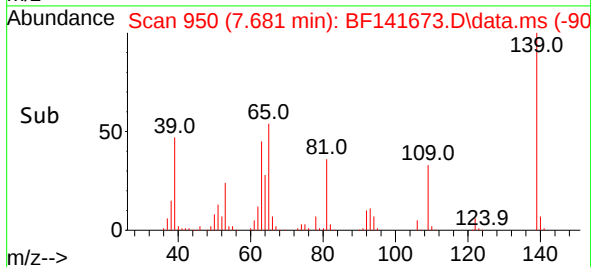
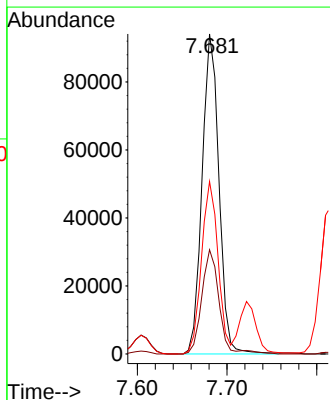
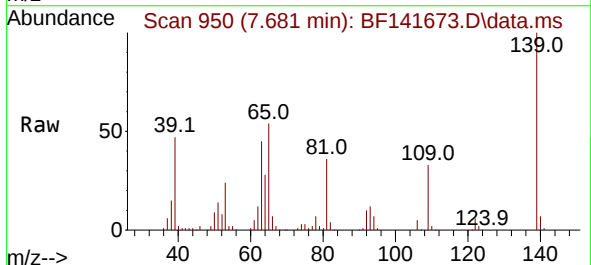
Manual Integrations
APPROVED

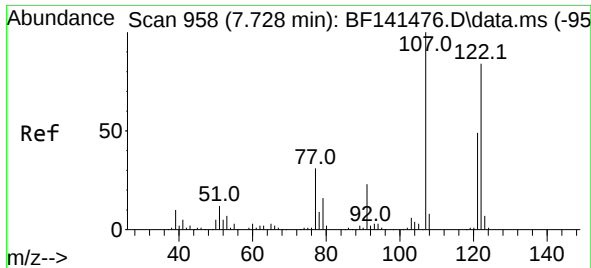
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#26
2-Nitrophenol
Concen: 43.886 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:139 Resp: 122892
Ion Ratio Lower Upper
139 100
109 32.5 27.0 40.6
65 53.9 47.1 70.7





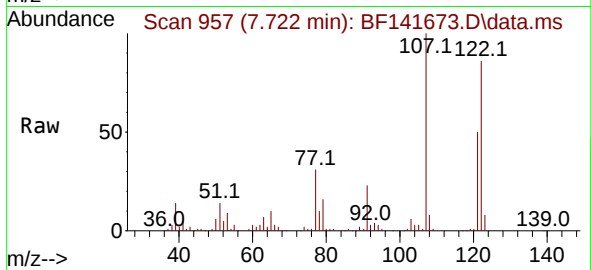
#27
2,4-Dimethylphenol
Concen: 54.961 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS

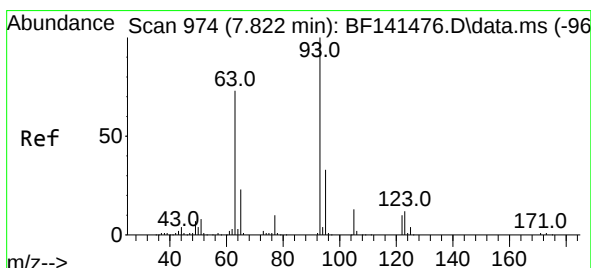
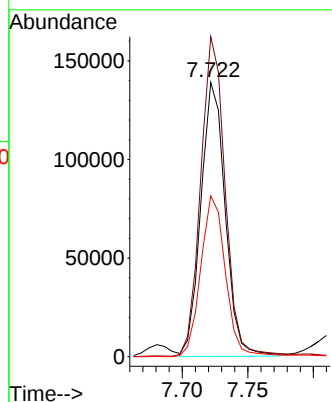
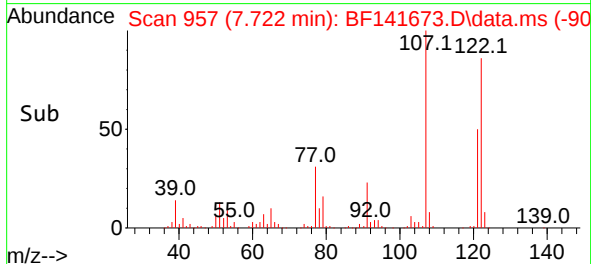


Tgt Ion:122 Resp: 17979
Ion Ratio Lower Upper
122 100
107 116.7 94.3 141.5
121 58.6 46.0 69.0

Manual Integrations

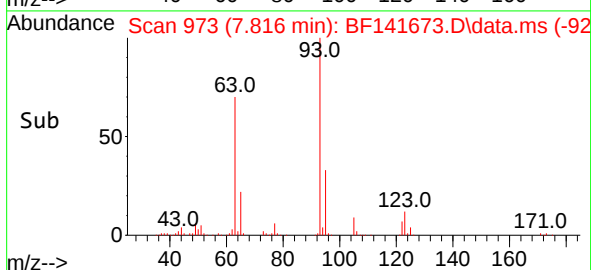
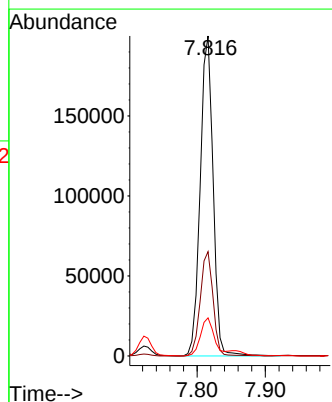
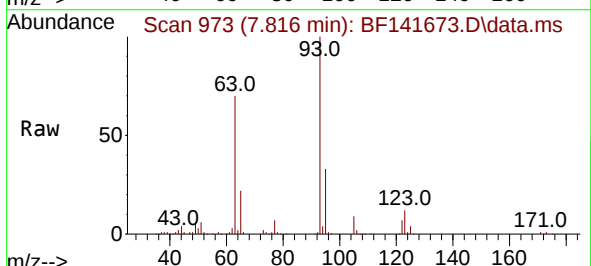
APPROVED

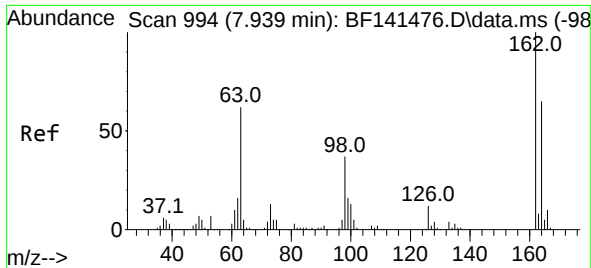
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 44.675 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion: 93 Resp: 263458
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 43.056 ng

RT: 7.933 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141673.D

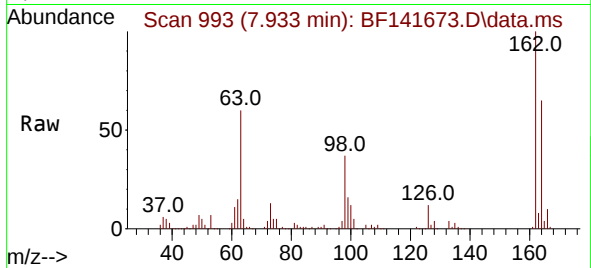
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS



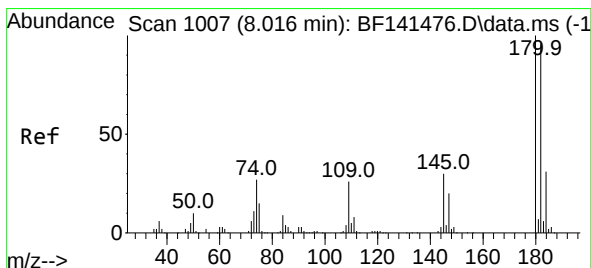
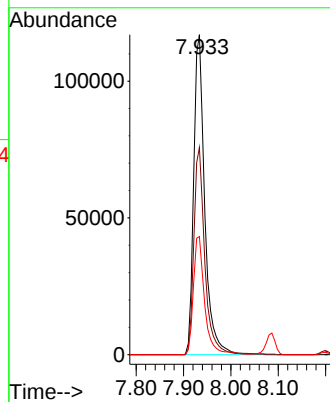
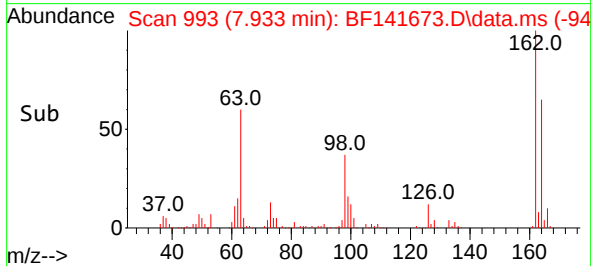
Tgt Ion:	162	Resp:	190304
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.6	84.6
98	36.9	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.771 ng

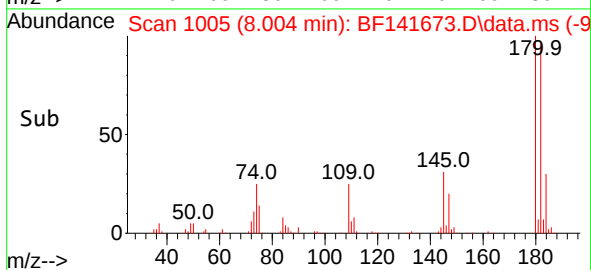
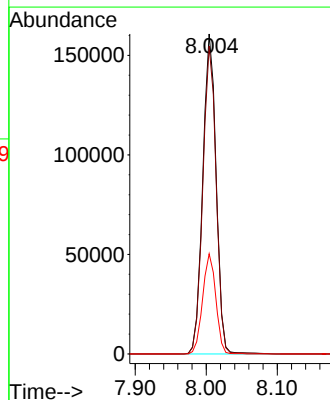
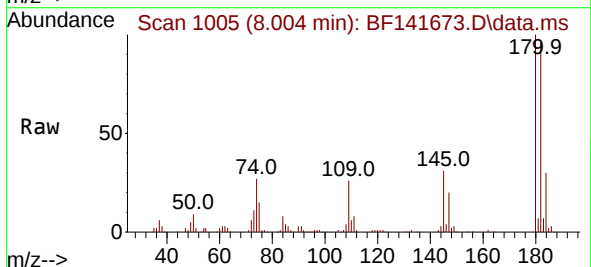
RT: 8.004 min Scan# 1005

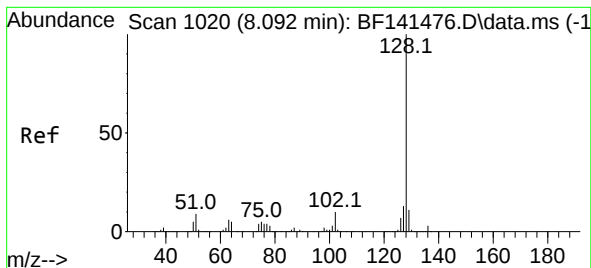
Delta R.T. -0.012 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

Tgt Ion:	180	Resp:	210677
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.8	115.2
145	31.3	24.2	36.4





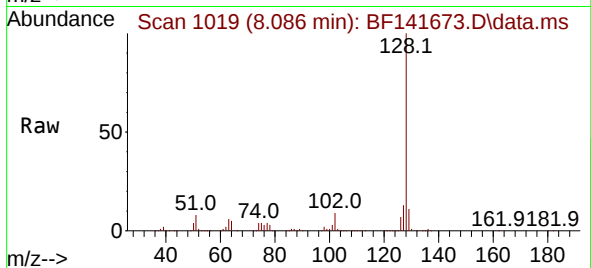
#31
Naphthalene
Concen: 42.876 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS

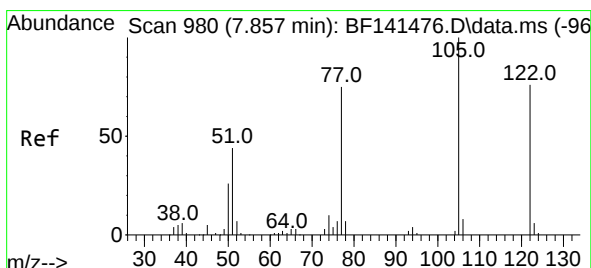
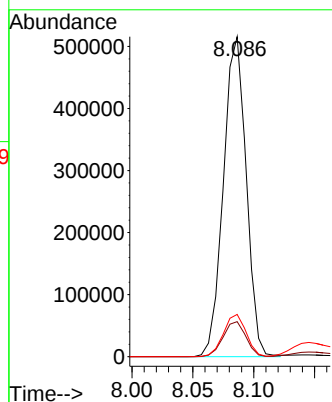
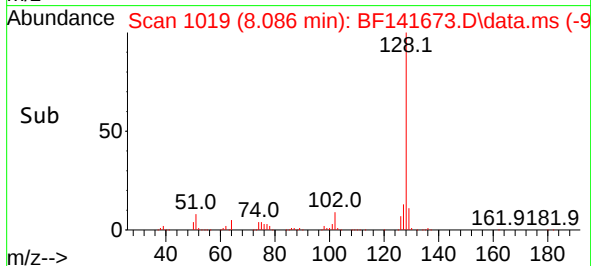


Tgt Ion:128 Resp: 67191
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.7 16.1

Manual Integrations

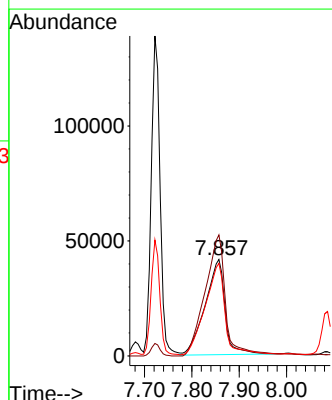
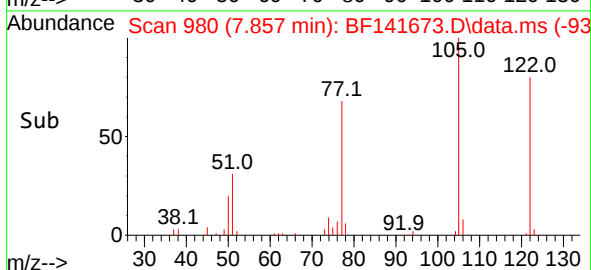
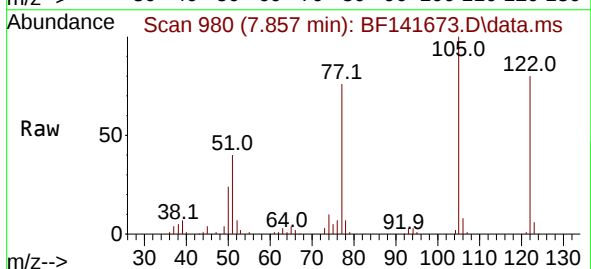
APPROVED

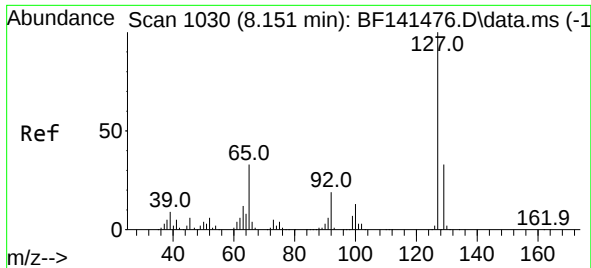
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#32
Benzoic acid
Concen: 35.822 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.035 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:122 Resp: 121719
Ion Ratio Lower Upper
122 100
105 125.6 106.5 146.5
77 96.0 76.3 116.3





#33
4-Chloroaniline
Concen: 13.500 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

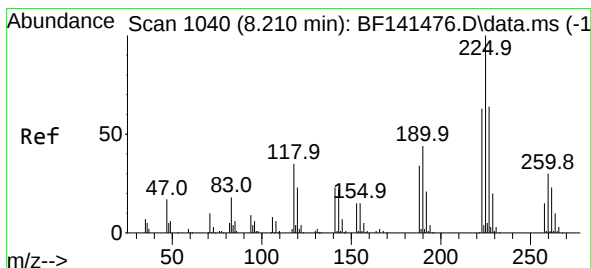
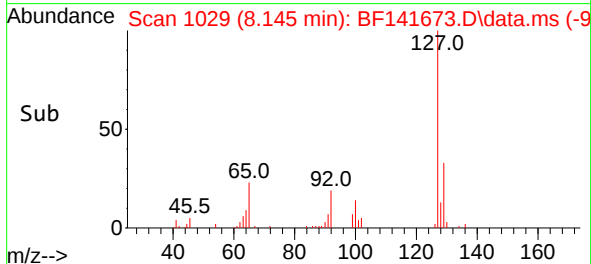
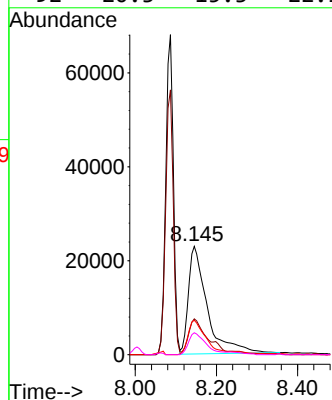
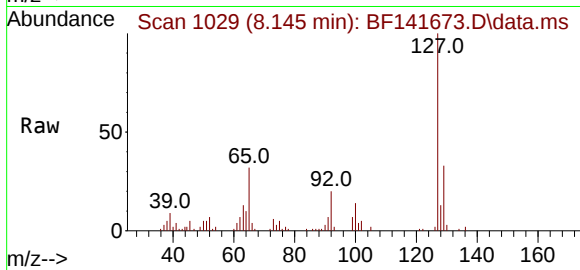
PB166772BS

Tgt Ion:127 Resp: 7386
Ion Ratio Lower Upper
127 100
129 33.0 26.5 39.7
65 31.8 26.4 39.6
92 20.3 15.3 22.9

Manual Integrations

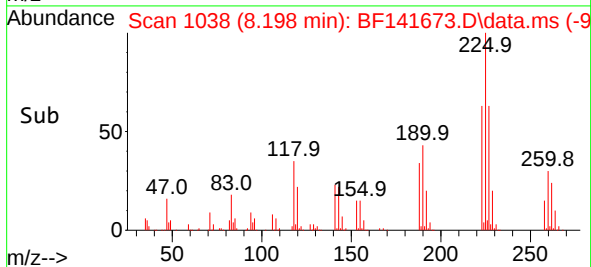
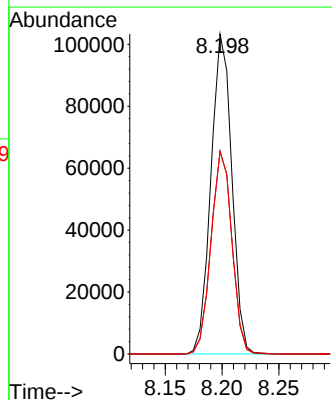
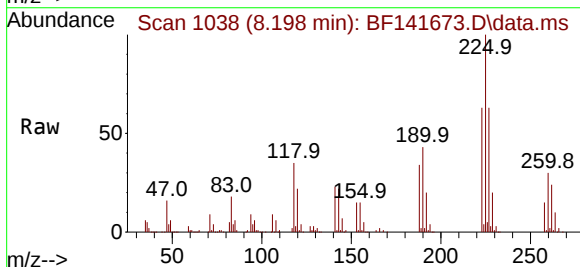
APPROVED

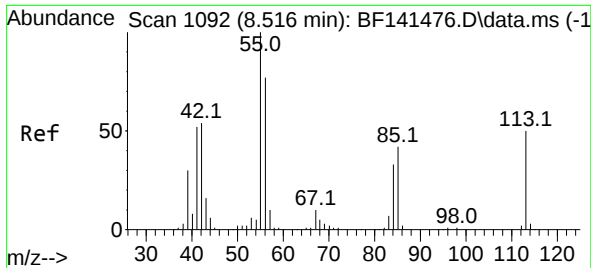
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#34
Hexachlorobutadiene
Concen: 45.705 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

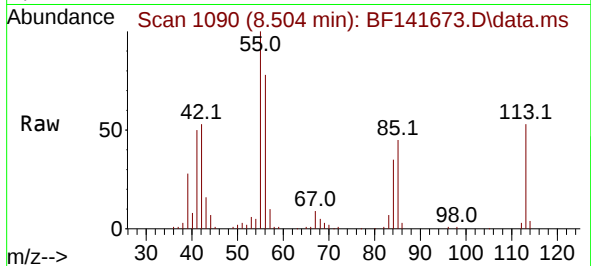
Tgt Ion:225 Resp: 132066
Ion Ratio Lower Upper
225 100
223 63.4 50.1 75.1
227 63.3 51.0 76.6





#35
Caprolactam
Concen: 45.141 ng m
RT: 8.504 min Scan# 1092
Delta R.T. -0.041 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

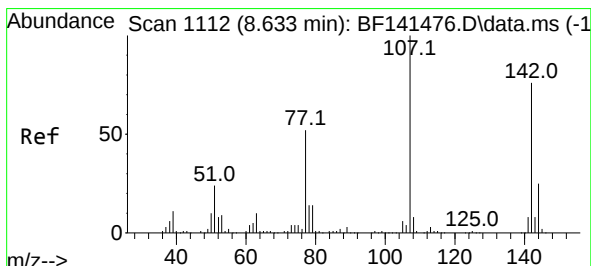
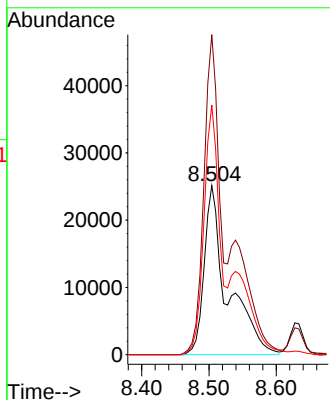
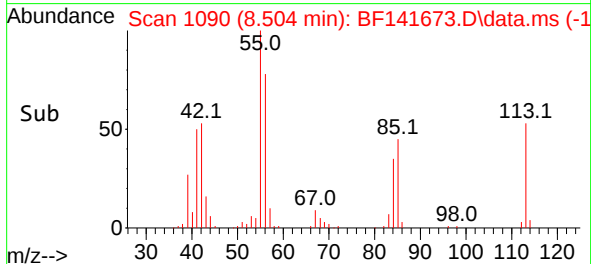
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:113 Resp: 60748
Ion Ratio Lower Upper
113 100
55 189.2 180.8 220.8
56 147.7 133.6 173.6

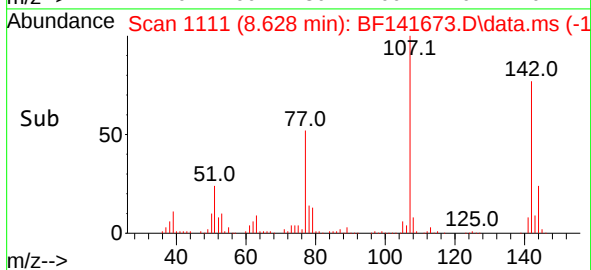
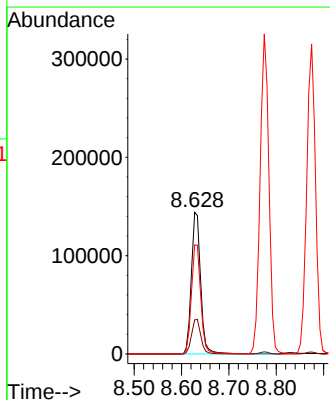
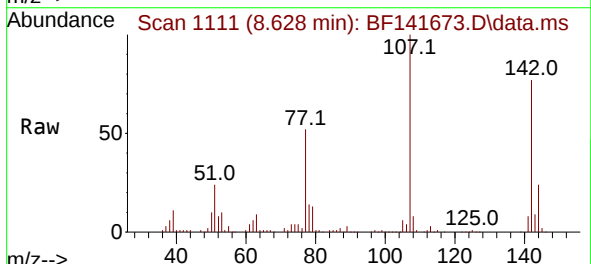
Manual Integrations
APPROVED

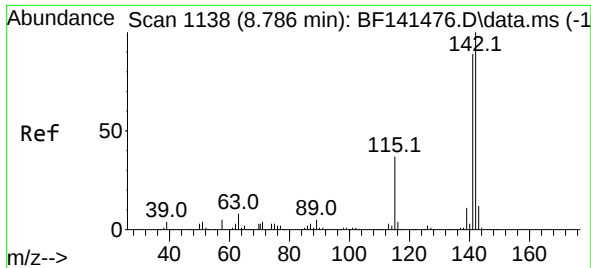
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#36
4-Chloro-3-methylphenol
Concen: 40.356 ng
RT: 8.628 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

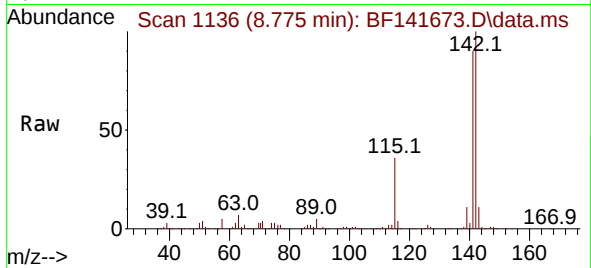
Tgt Ion:107 Resp: 197584
Ion Ratio Lower Upper
107 100
144 24.1 19.7 29.5
142 77.1 60.8 91.2





#37
2-Methylnaphthalene
Concen: 40.967 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

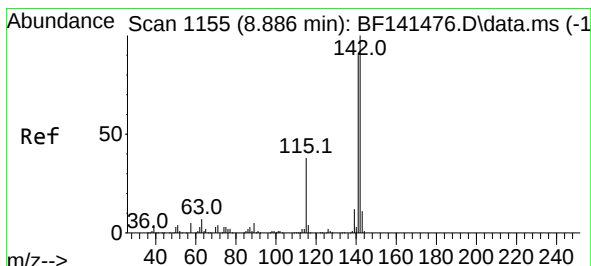
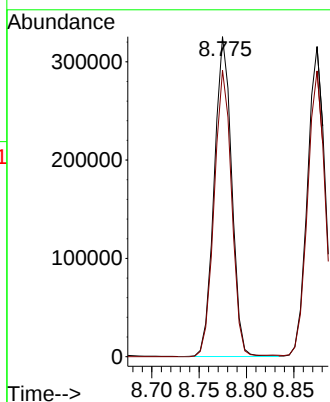
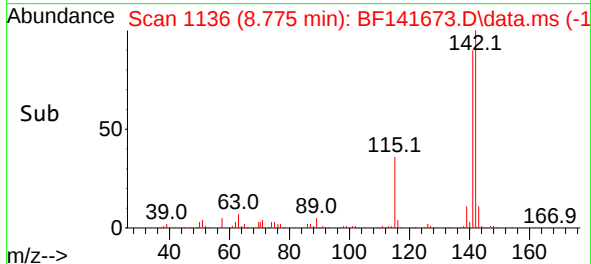
Instrument :
BNA_F
ClientSampleId :
PB166772BS



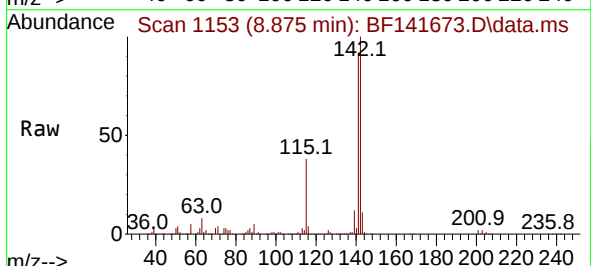
Tgt Ion:142 Resp: 417774
Ion Ratio Lower Upper
142 100
141 89.5 71.2 106.8

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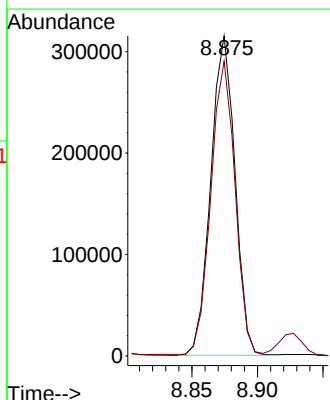
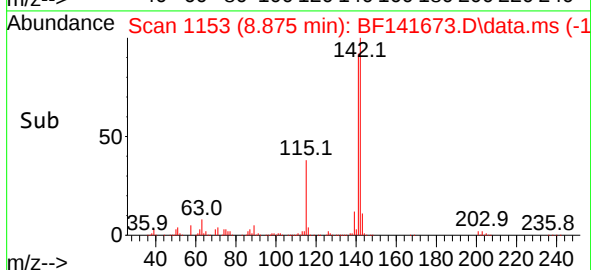
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

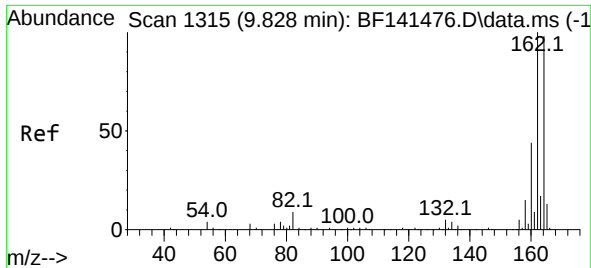


#38
1-Methylnaphthalene
Concen: 40.954 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



Tgt Ion:142 Resp: 404497
Ion Ratio Lower Upper
142 100
141 92.1 72.1 108.1





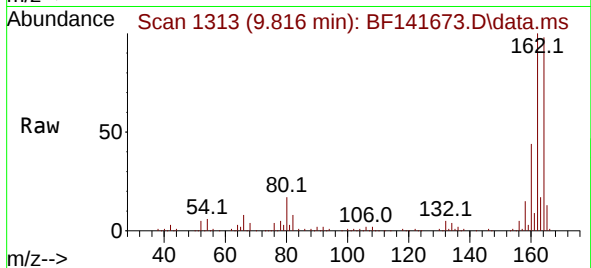
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1164
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS

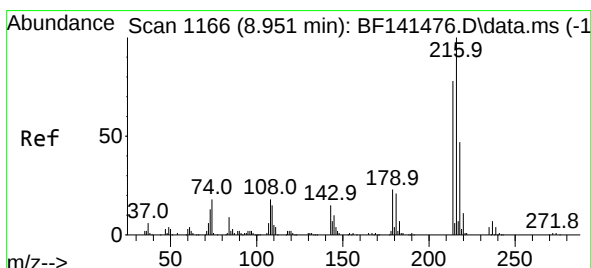
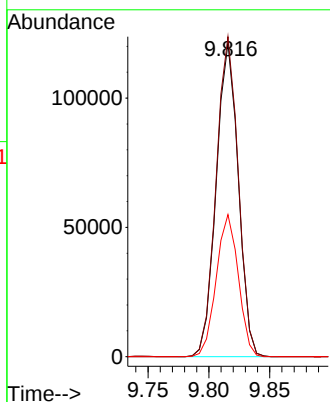
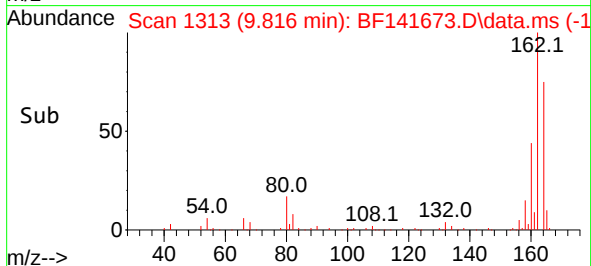


Tgt Ion:164 Resp: 15275
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.4 35.9 53.9

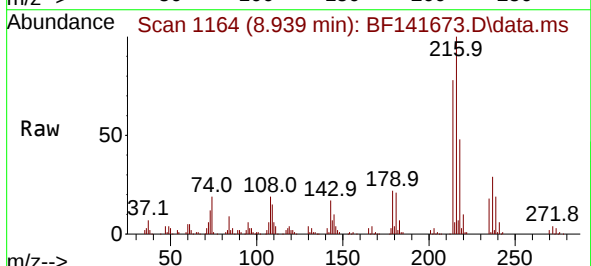
Manual Integrations

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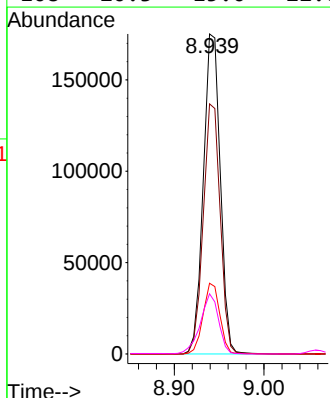
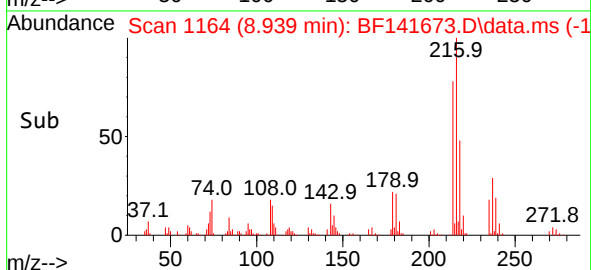
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

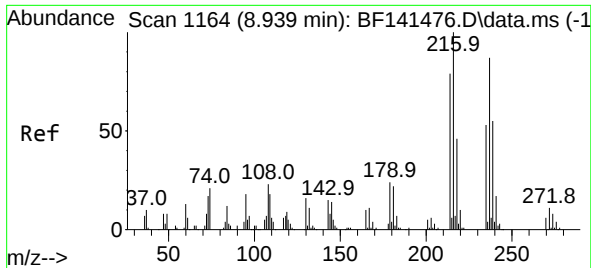


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.016 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



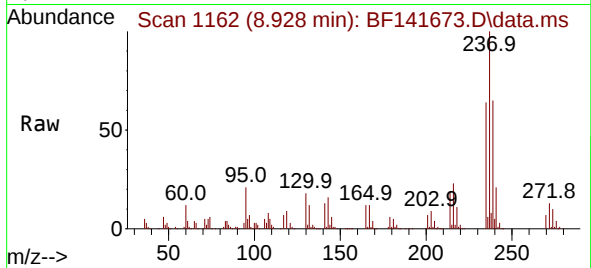
Tgt Ion:216 Resp: 229877
Ion Ratio Lower Upper
216 100
214 78.1 62.3 93.5
179 21.8 18.0 27.0
108 20.3 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 148.957 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

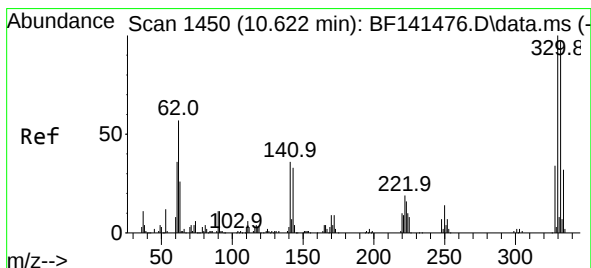
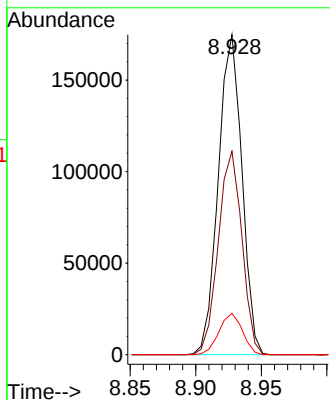
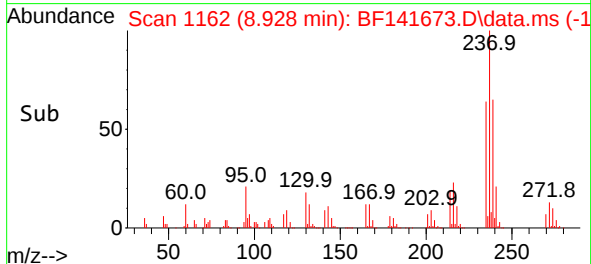
Instrument :
BNA_F
ClientSampleId :
PB166772BS



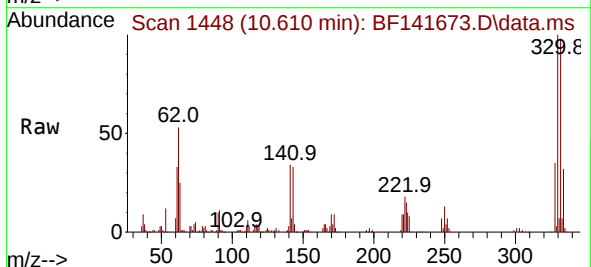
Tgt Ion:237 Resp: 218958
Ion Ratio Lower Upper
237 100
235 63.6 41.4 81.4
272 12.9 0.0 32.4

Manual Integrations
APPROVED

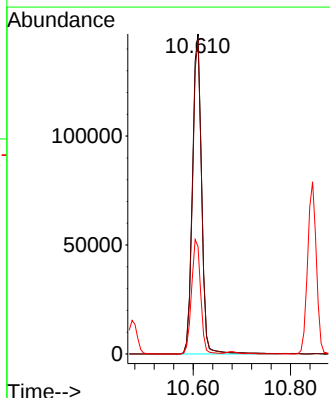
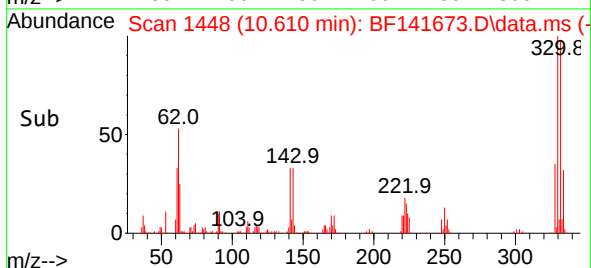
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

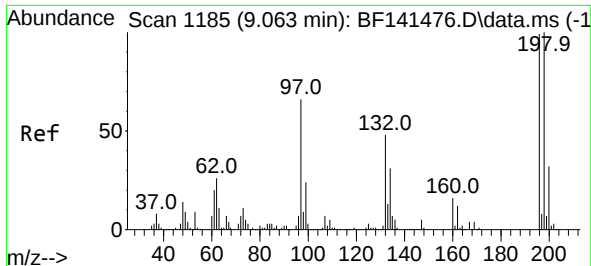


#42
2,4,6-Tribromophenol
Concen: 125.553 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



Tgt Ion:330 Resp: 192658
Ion Ratio Lower Upper
330 100
332 97.6 78.5 117.7
141 35.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 43.209 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF141673.D

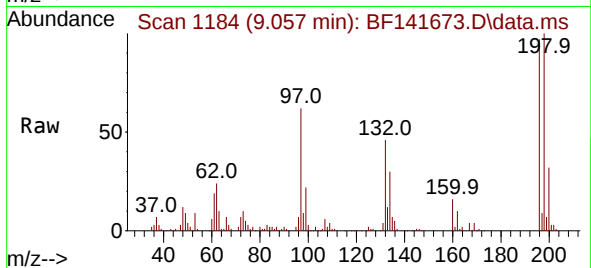
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS



Tgt Ion:196 Resp: 123418

Ion Ratio Lower Upper

196 100

198 103.3 80.6 121.0

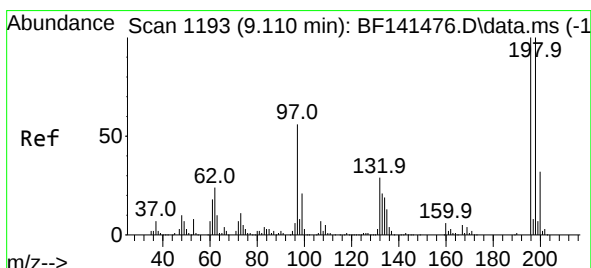
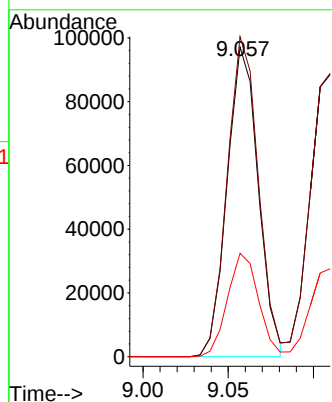
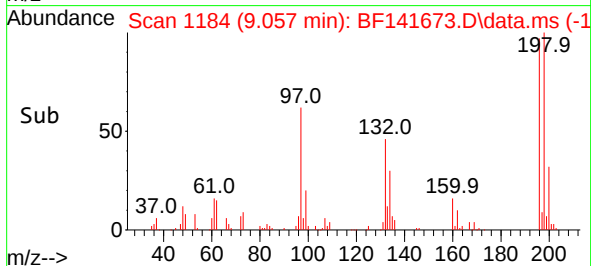
200 33.4 25.5 38.3

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#44

2,4,5-Trichlorophenol

Concen: 43.666 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

Tgt Ion:196 Resp: 135171

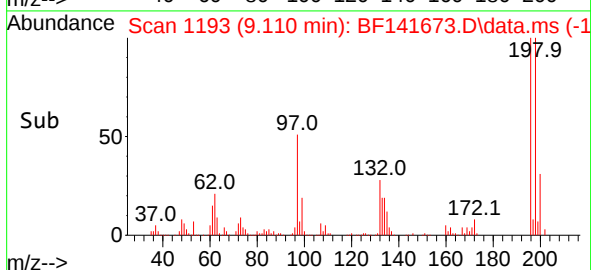
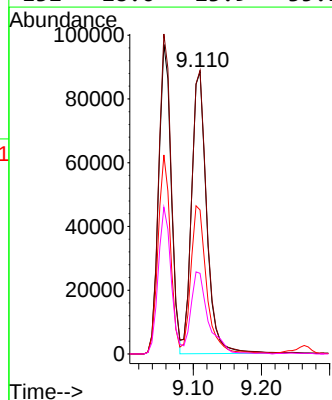
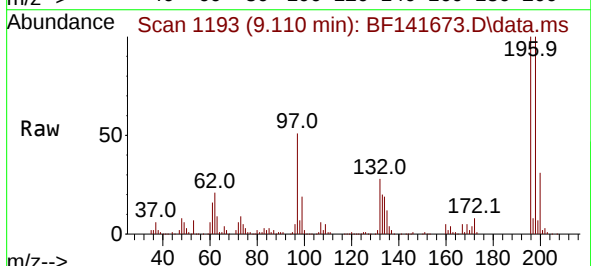
Ion Ratio Lower Upper

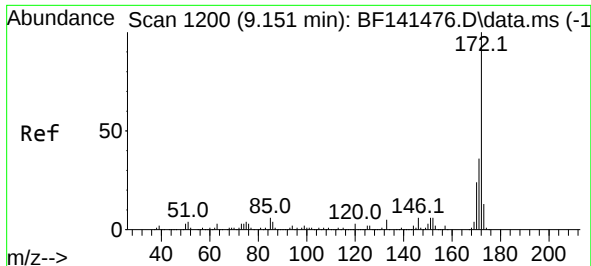
196 100

198 100.5 79.8 119.8

97 51.0 44.8 67.2

132 28.6 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 96.878 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141673.D

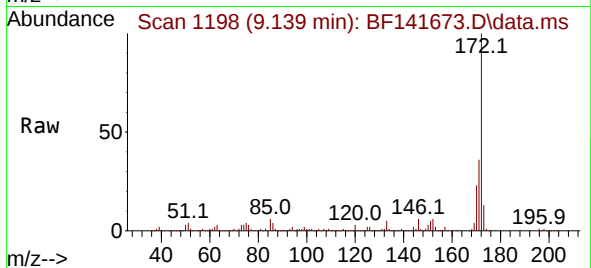
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS



Tgt Ion:172 Resp: 960534

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

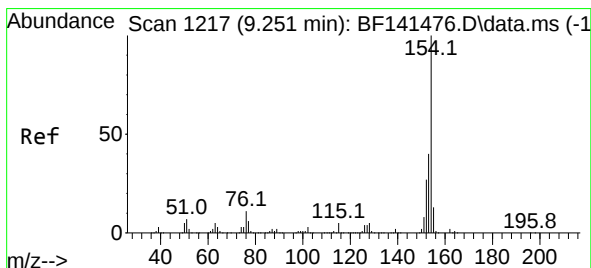
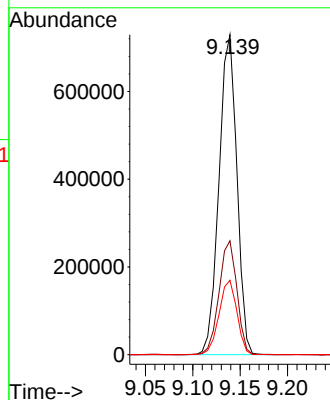
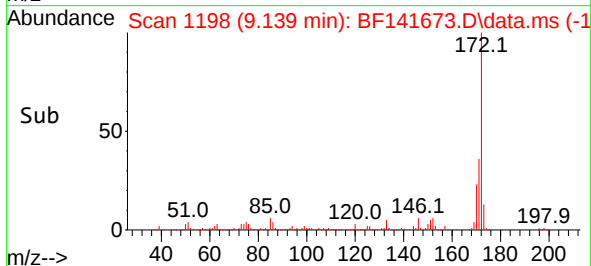
170 23.2 18.9 28.3

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#46

1,1'-Biphenyl

Concen: 50.977 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

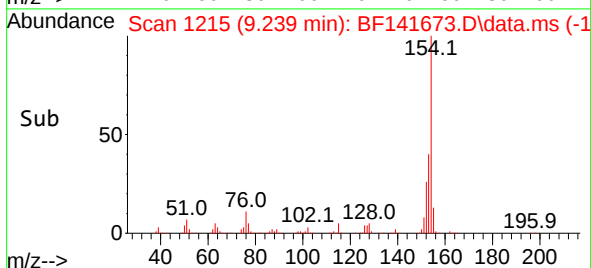
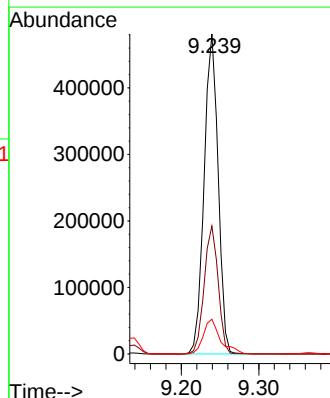
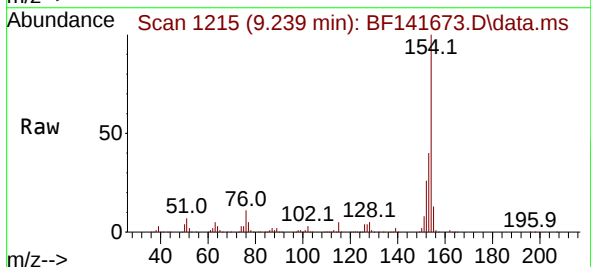
Tgt Ion:154 Resp: 603699

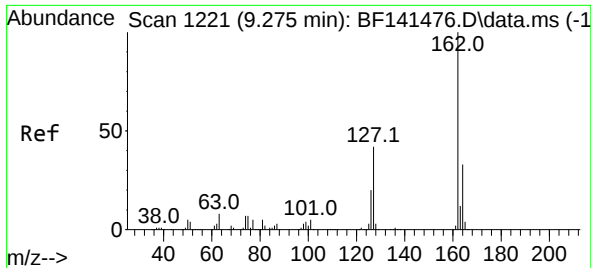
Ion Ratio Lower Upper

154 100

153 40.0 20.4 60.4

76 10.8 0.0 30.8





#47

2-Chloronaphthalene

Concen: 46.467 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS

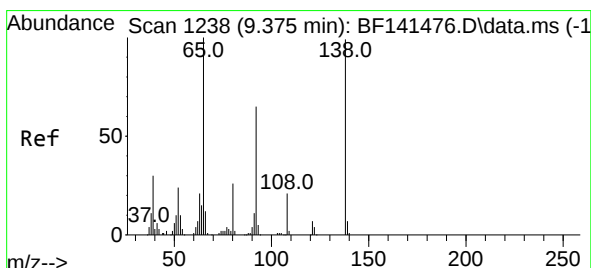
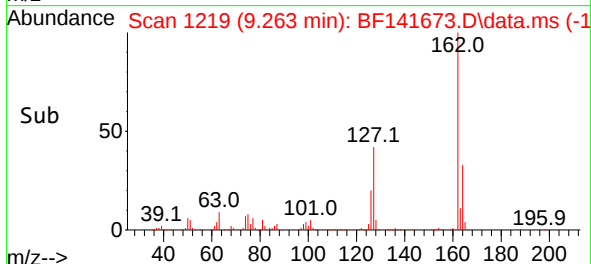
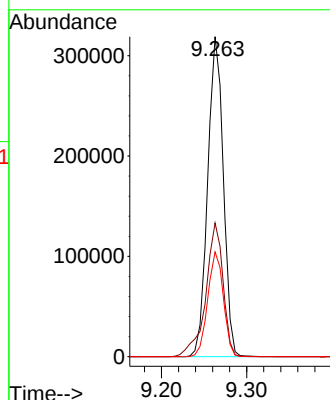
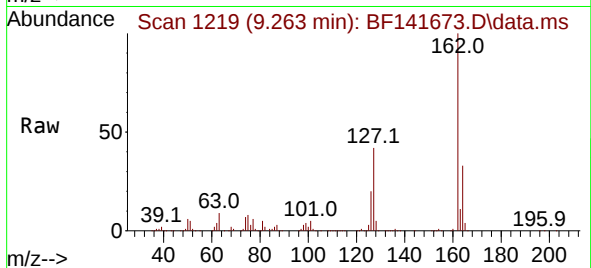
Tgt Ion:162 Resp: 40692

Ion	Ratio	Lower	Upper
162	100		
127	41.8	34.1	51.1
164	32.7	26.3	39.5

Manual Integrations

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



#48

2-Nitroaniline

Concen: 42.333 ng

RT: 9.363 min Scan# 1236

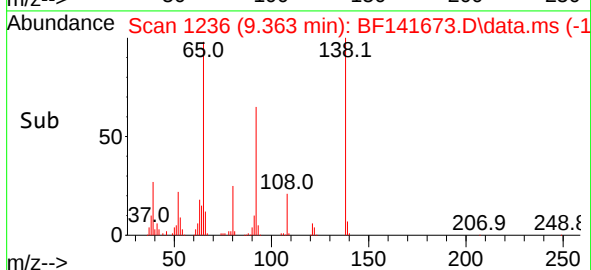
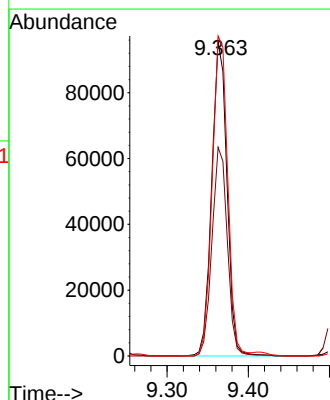
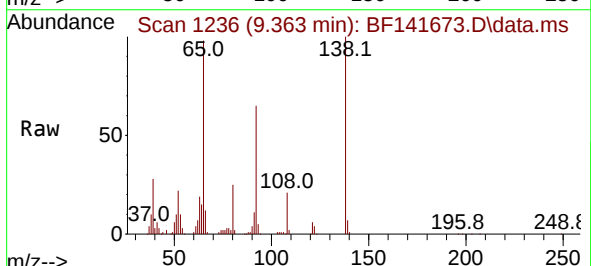
Delta R.T. -0.018 min

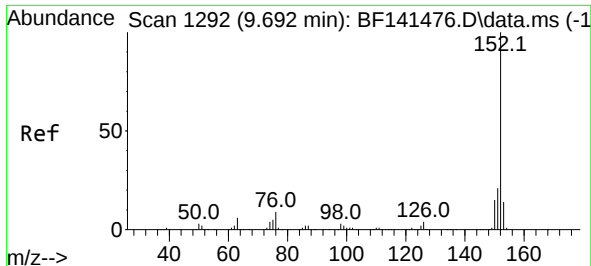
Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

Tgt Ion: 65 Resp: 124415

Ion	Ratio	Lower	Upper
65	100		
92	66.4	52.2	78.2
138	101.9	79.5	119.3





#49

Acenaphthylene

Concen: 47.337 ng

RT: 9.680 min Scan# 1290

Delta R.T. -0.012 min

Lab File: BF141673.D

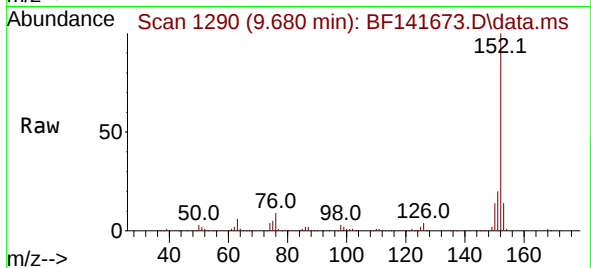
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS



Tgt Ion:152 Resp: 61658

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

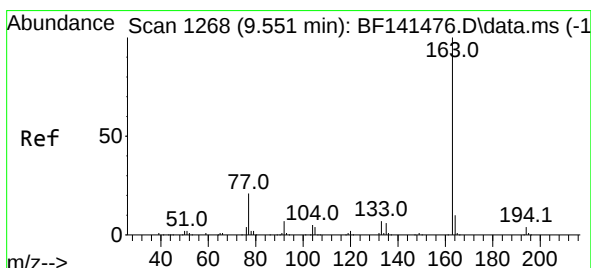
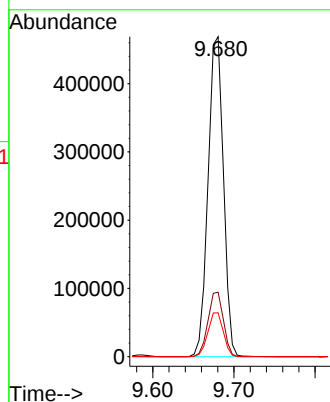
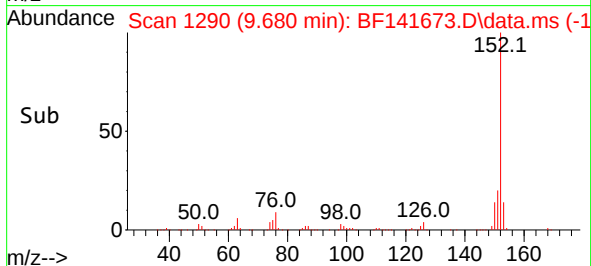
153 13.7 10.9 16.3

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#50

Dimethylphthalate

Concen: 44.369 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.024 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

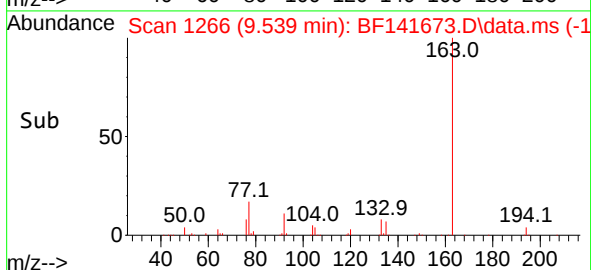
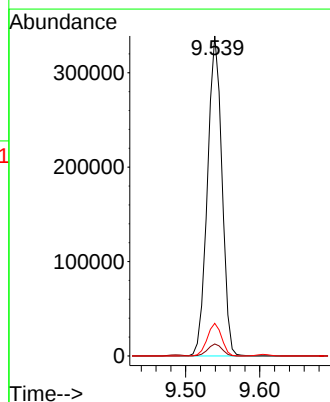
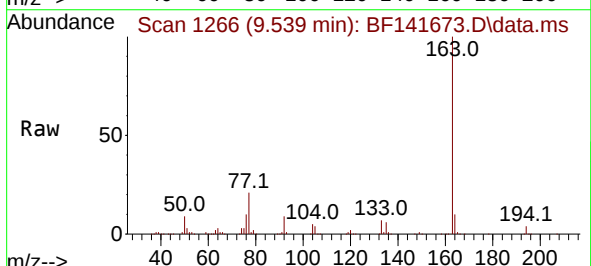
Tgt Ion:163 Resp: 460112

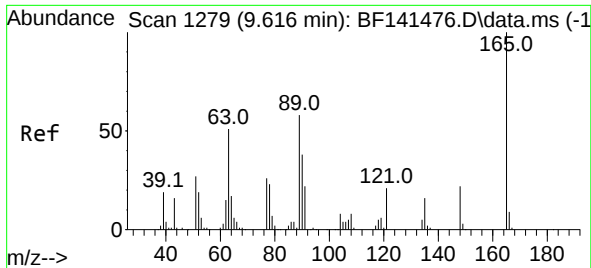
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

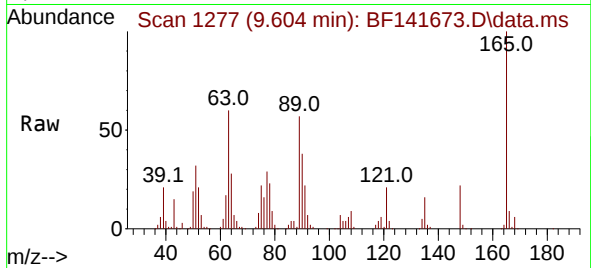
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 44.135 ng
RT: 9.604 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

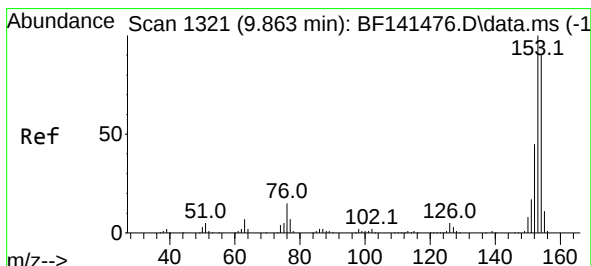
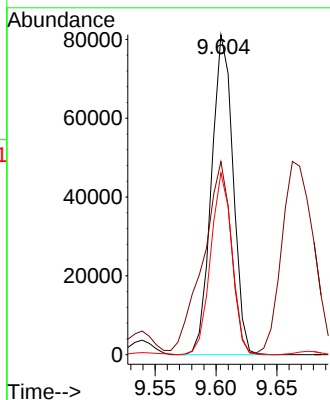
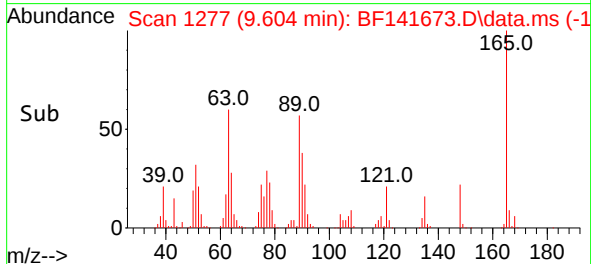
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:165 Resp: 100052
Ion Ratio Lower Upper
165 100
63 60.4 49.4 74.0
89 56.7 46.5 69.7

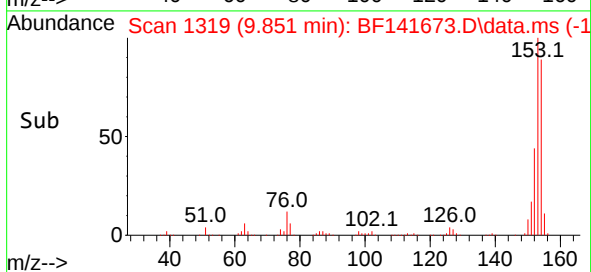
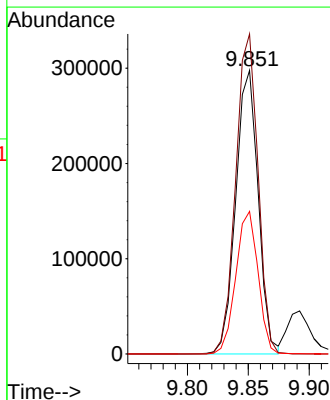
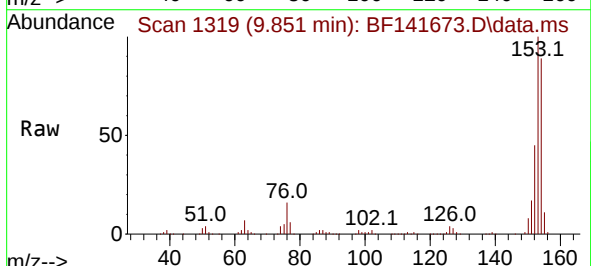
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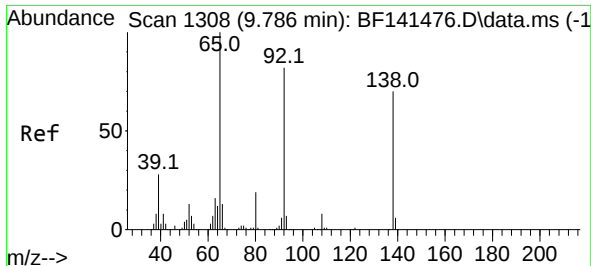
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#52
Acenaphthene
Concen: 43.565 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:154 Resp: 381493
Ion Ratio Lower Upper
154 100
153 112.9 89.2 133.8
152 50.3 39.8 59.8





#53
3-Nitroaniline
Concen: 22.351 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

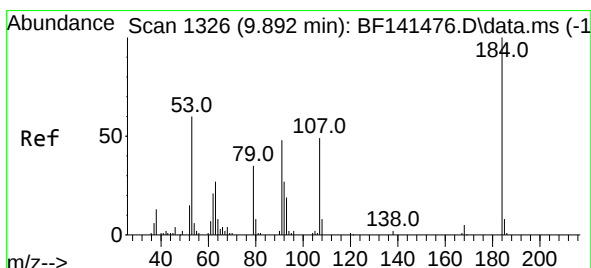
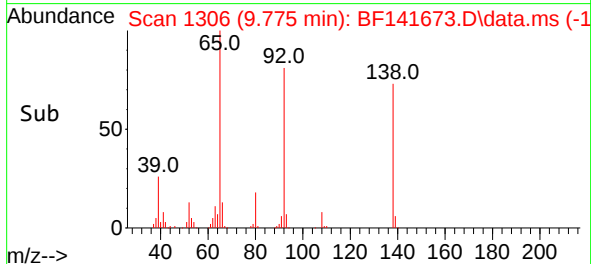
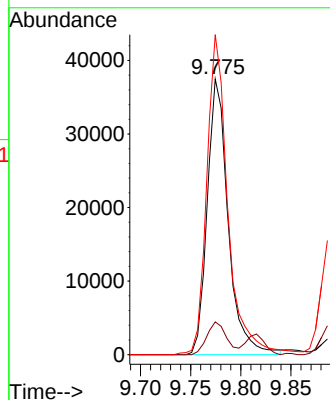
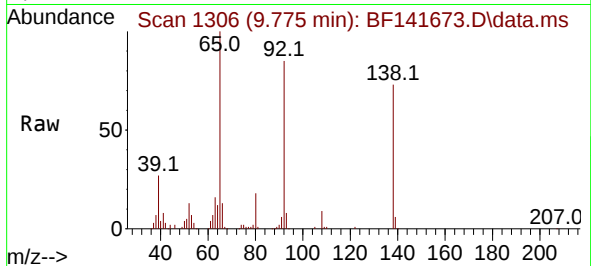
PB166772BS

Tgt Ion:138 Resp: 5453
Ion Ratio Lower Upper
138 100
108 11.9 9.0 13.4
92 116.1 93.7 140.5

Manual Integrations

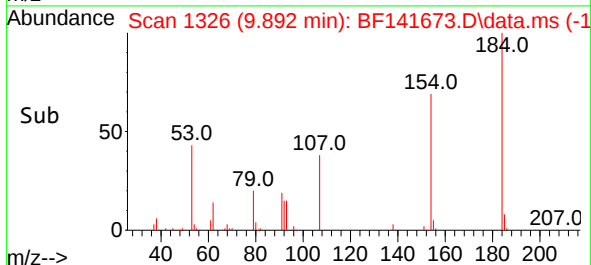
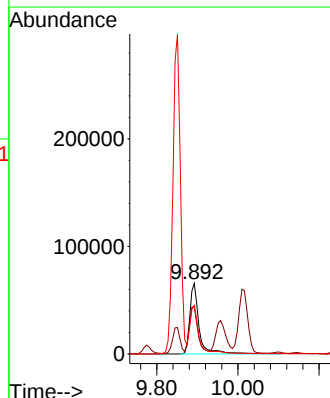
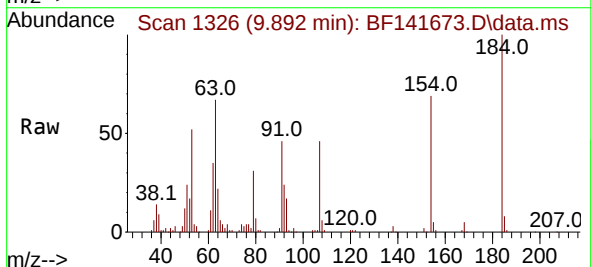
APPROVED

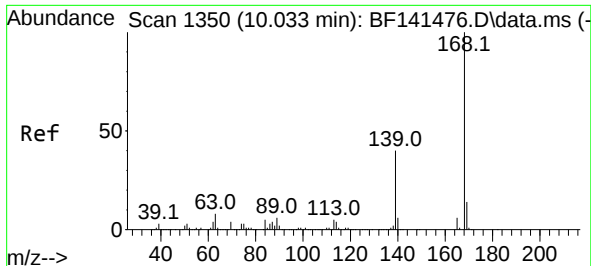
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#54
2,4-Dinitrophenol
Concen: 78.023 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:184 Resp: 105122
Ion Ratio Lower Upper
184 100
63 66.7 61.0 91.6
154 69.0 59.9 89.9





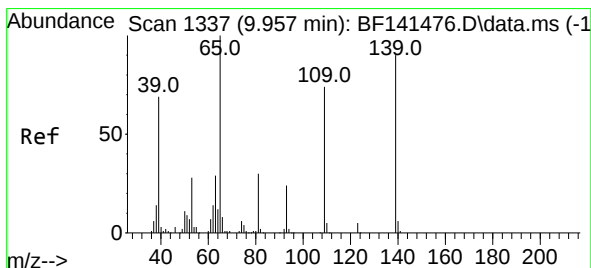
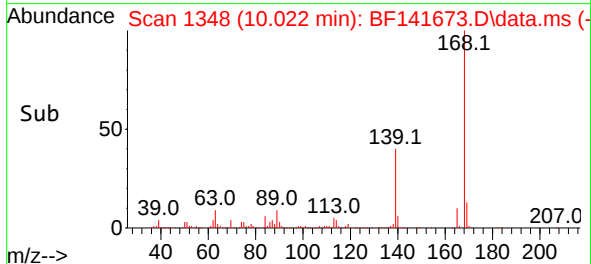
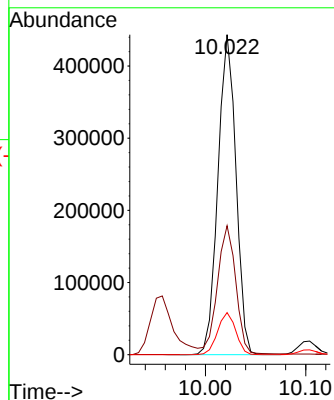
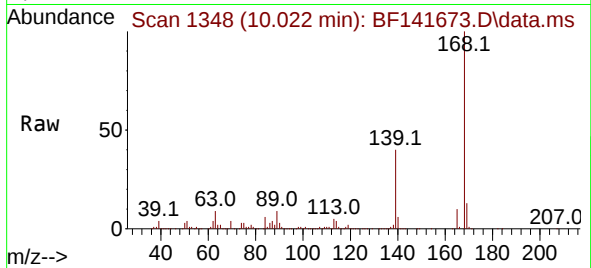
#55
Dibenzenofuran
Concen: 43.032 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :
BNA_F
ClientSampleId :
PB166772BS

Tgt Ion:168 Resp: 553109
Ion Ratio Lower Upper
168 100
139 40.3 32.7 49.1
169 13.2 10.8 16.2

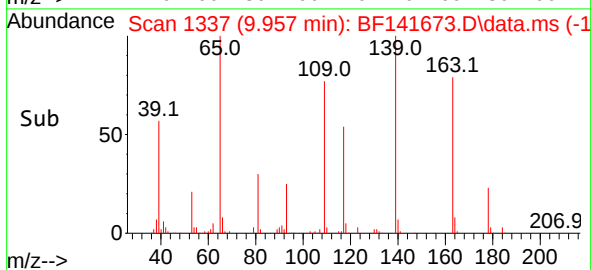
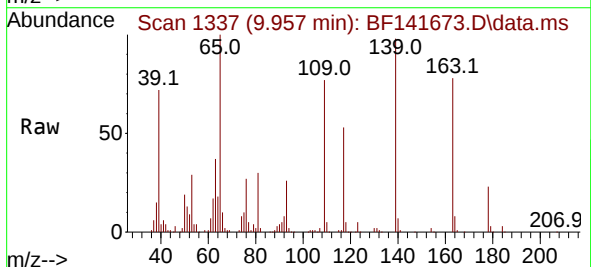
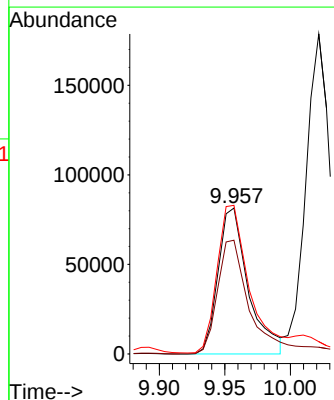
Manual Integrations
APPROVED

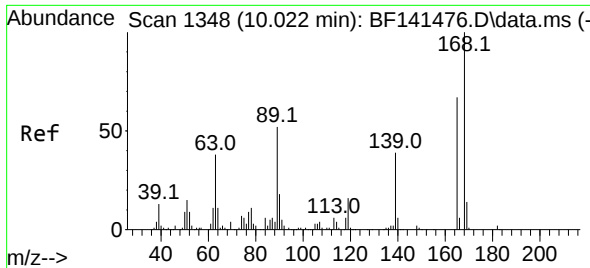
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#56
4-Nitrophenol
Concen: 72.061 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:139 Resp: 130520
Ion Ratio Lower Upper
139 100
109 78.0 62.0 102.0
65 101.9 91.2 131.2





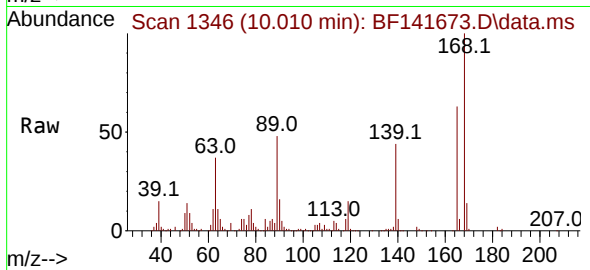
#57
2,4-Dinitrotoluene
Concen: 42.677 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS

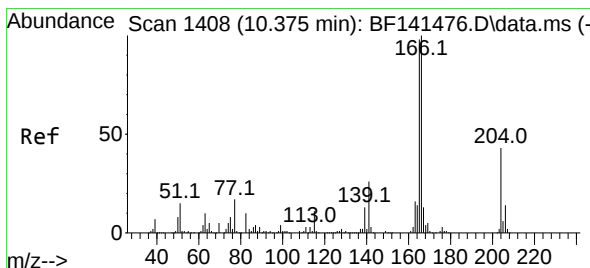
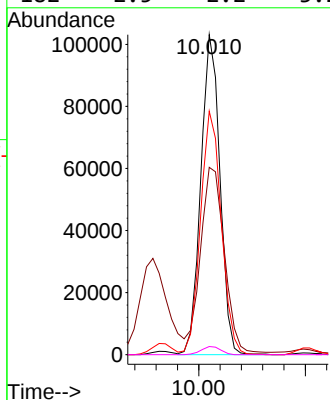
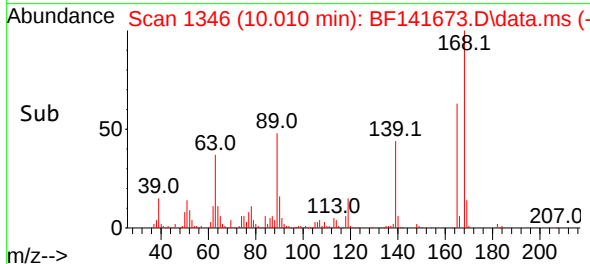


Tgt Ion:165 Resp: 12879
Ion Ratio Lower Upper
165 100
63 58.5 46.4 69.6
89 76.1 61.8 92.6
182 2.5 2.2 3.2

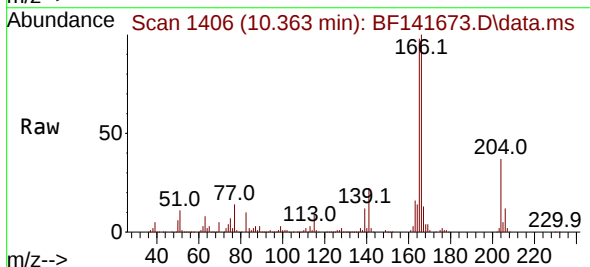
Manual Integrations

APPROVED

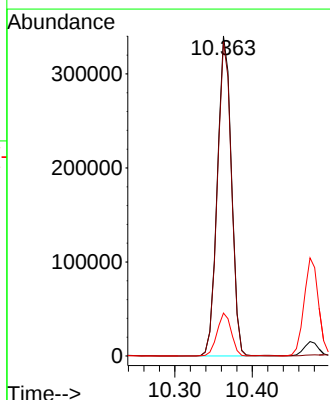
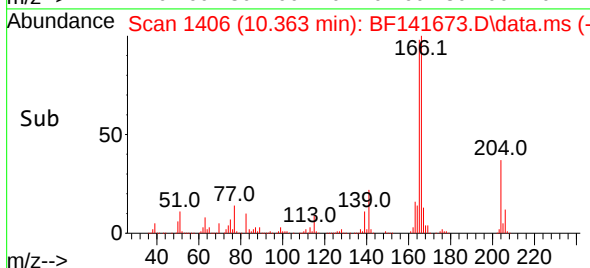
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

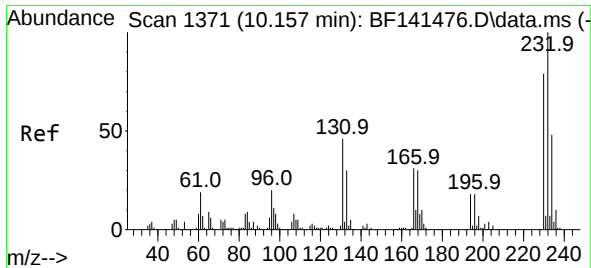


#58
Fluorene
Concen: 43.559 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



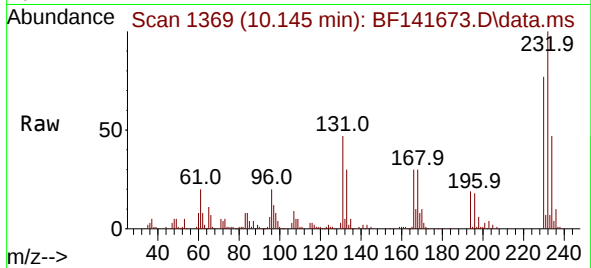
Tgt Ion:166 Resp: 432903
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.2
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.893 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

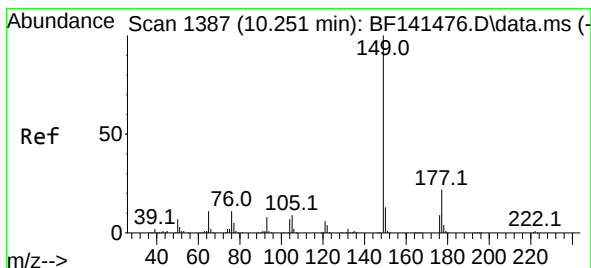
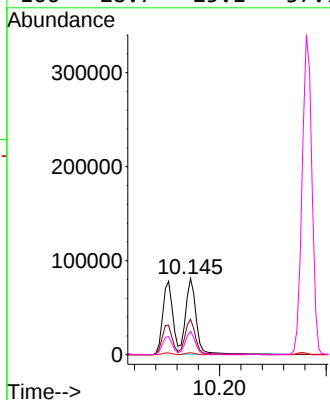
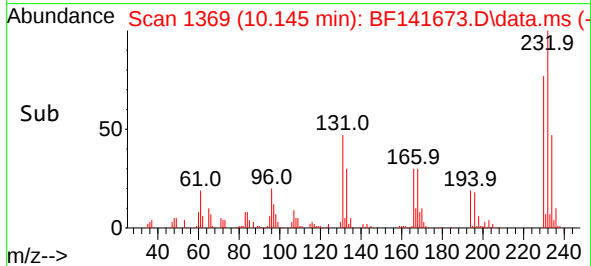
Instrument :
BNA_F
ClientSampleId :
PB166772BS



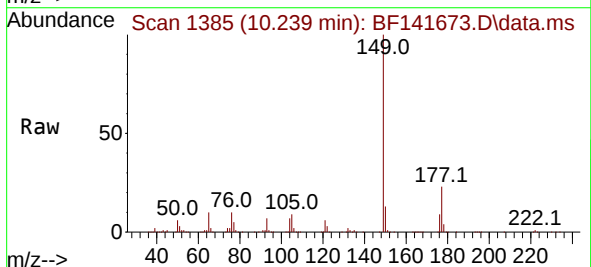
Tgt Ion:232 Resp: 111649
Ion Ratio Lower Upper
232 100
131 46.2 39.2 58.8
130 2.4 2.1 3.1
166 28.7 25.1 37.7

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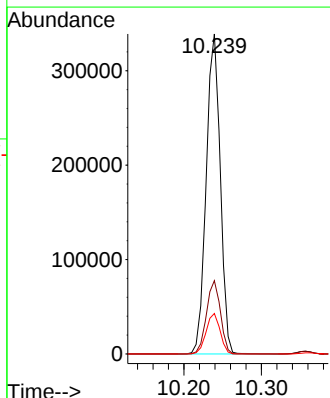
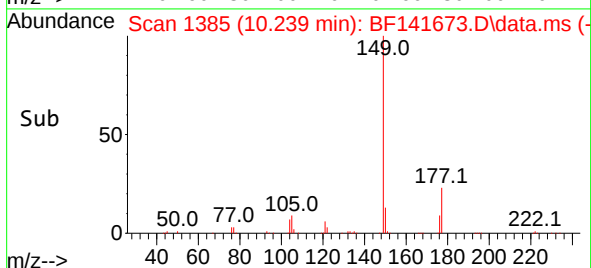
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

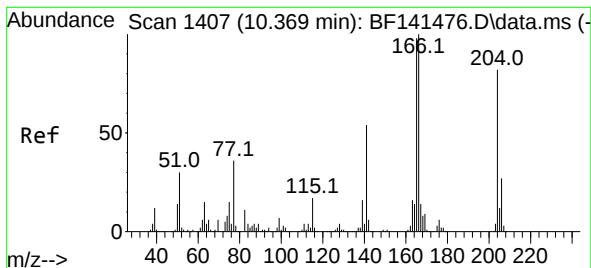


#60
Diethylphthalate
Concen: 41.791 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



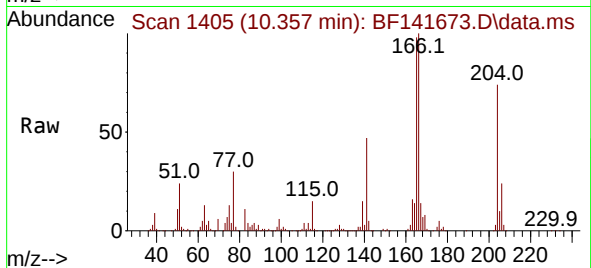
Tgt Ion:149 Resp: 426389
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.6
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.736 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

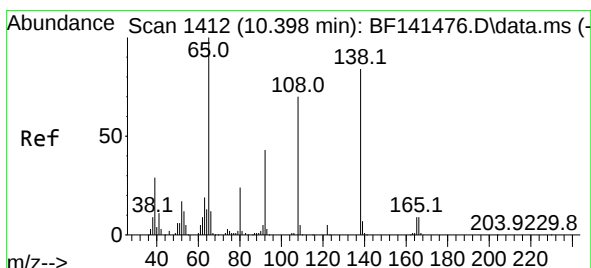
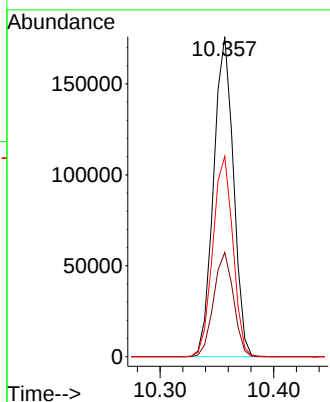
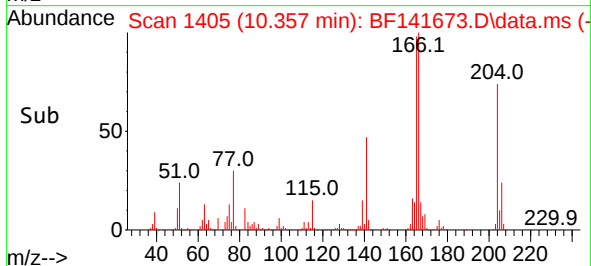
Instrument :
BNA_F
ClientSampleId :
PB166772BS



Tgt Ion:204 Resp: 21389
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 62.6 51.9 77.9

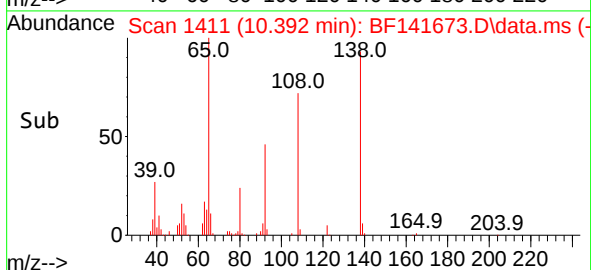
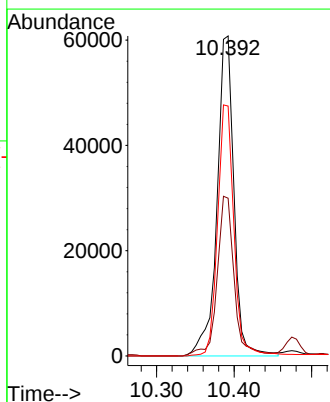
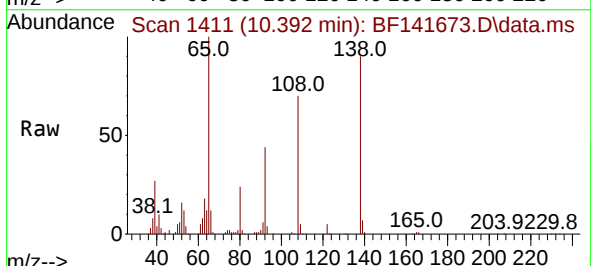
Manual Integrations
APPROVED

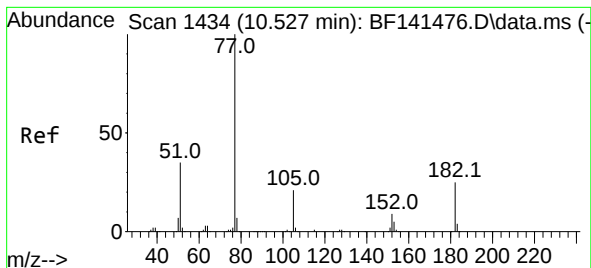
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#62
4-Nitroaniline
Concen: 37.285 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

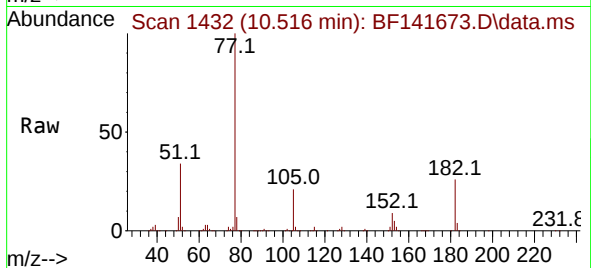
Tgt Ion:138 Resp: 92374
Ion Ratio Lower Upper
138 100
92 49.3 31.3 71.3
108 78.1 63.7 103.7





#63
Azobenzene
Concen: 41.422 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

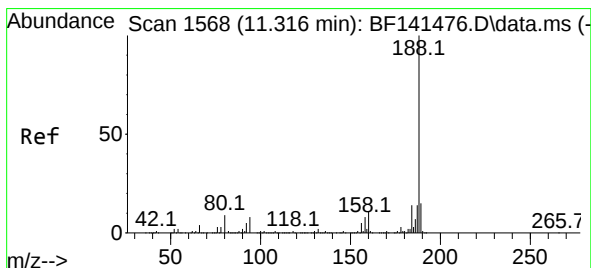
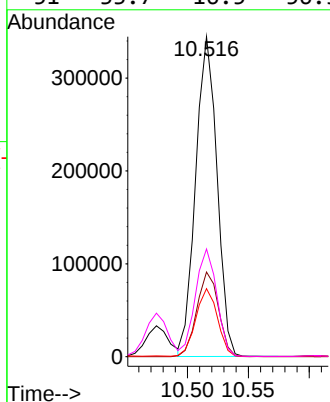
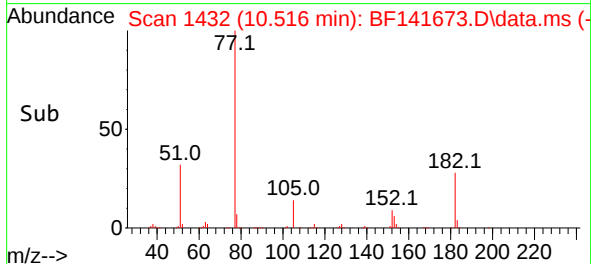
Instrument :
BNA_F
ClientSampleId :
PB166772BS



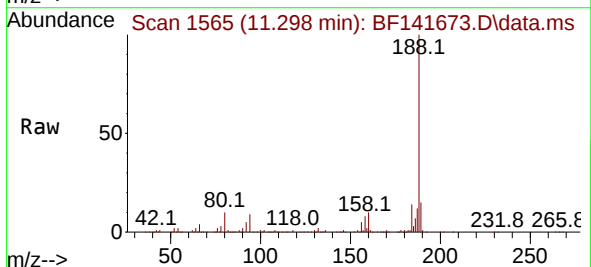
Tgt Ion: 77 Resp: 420140
Ion Ratio Lower Upper
77 100
182 26.4 4.7 44.7
105 21.3 0.4 40.4
51 33.7 16.5 56.5

Manual Integrations
APPROVED

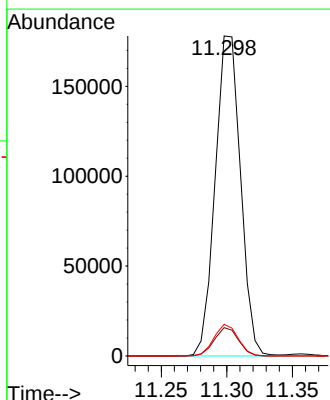
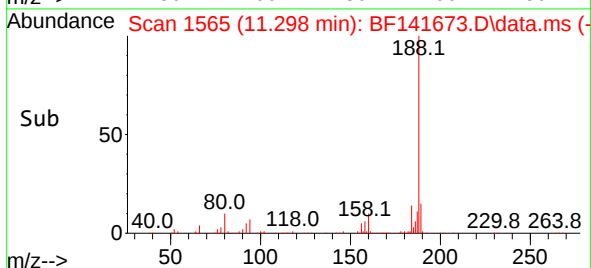
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

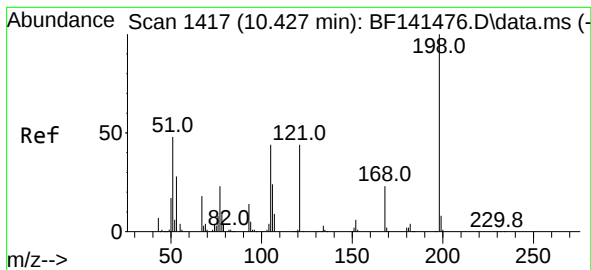


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



Tgt Ion:188 Resp: 239343
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.9 7.3 10.9





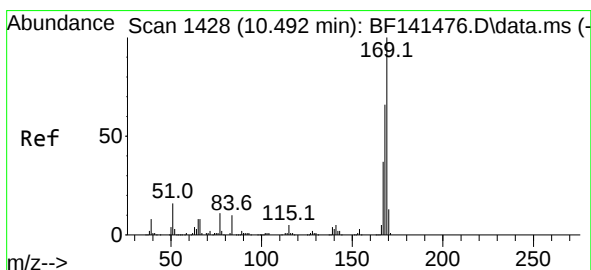
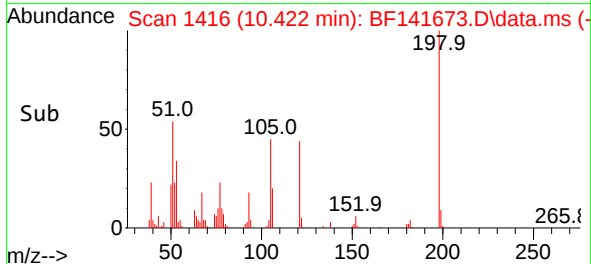
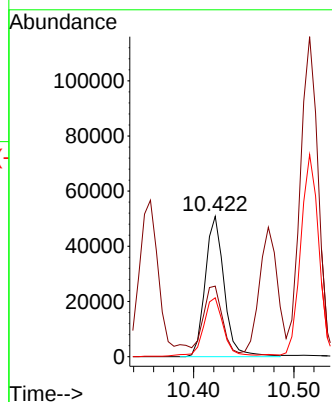
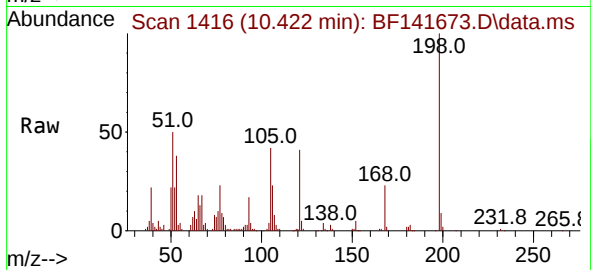
#65
4,6-Dinitro-2-methylphenol
Concen: 40.396 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :
BNA_F
ClientSampleId :
PB166772BS

Tgt Ion:198 Resp: 6716
Ion Ratio Lower Upper
198 100
51 50.2 37.4 77.4
105 41.9 25.2 65.2

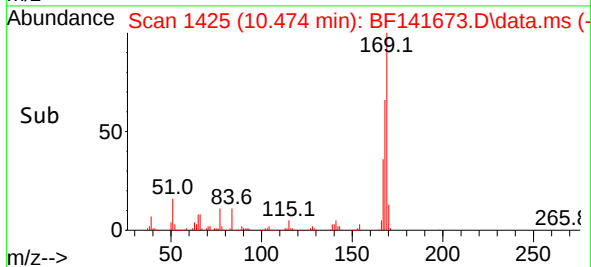
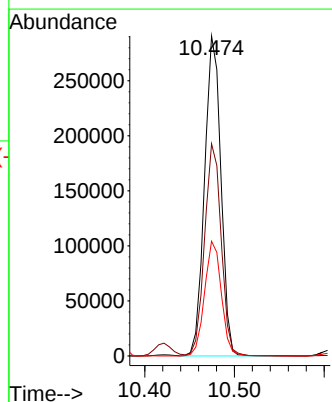
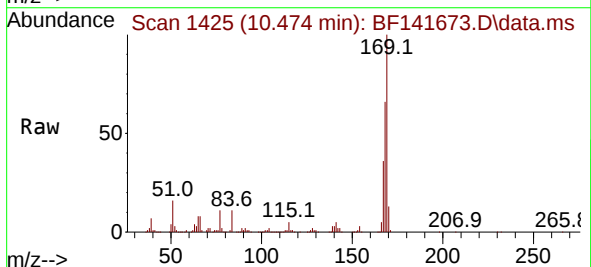
Manual Integrations
APPROVED

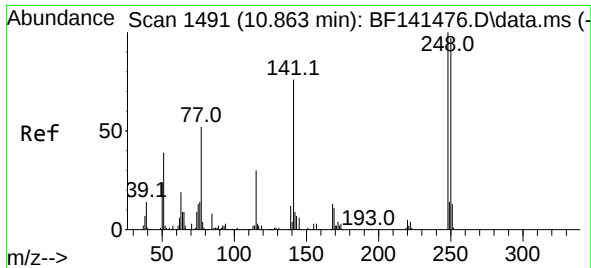
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#66
n-Nitrosodiphenylamine
Concen: 48.032 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.024 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

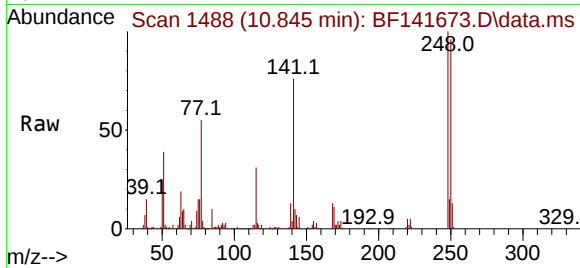
Tgt Ion:169 Resp: 367999
Ion Ratio Lower Upper
169 100
168 66.3 53.3 79.9
167 35.9 29.4 44.2





#67
4-Bromophenyl-phenylether
Concen: 47.888 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

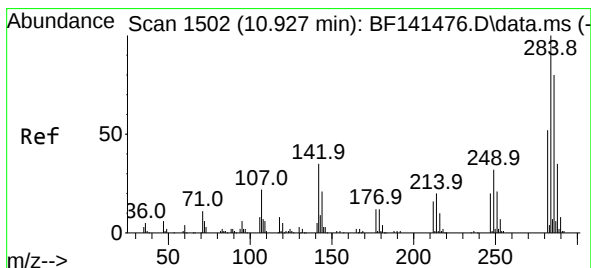
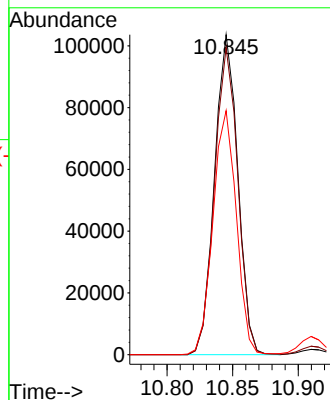
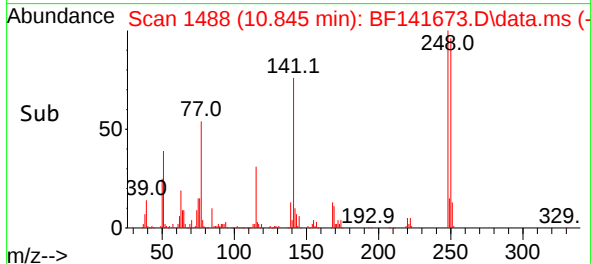
Instrument :
BNA_F
ClientSampleId :
PB166772BS



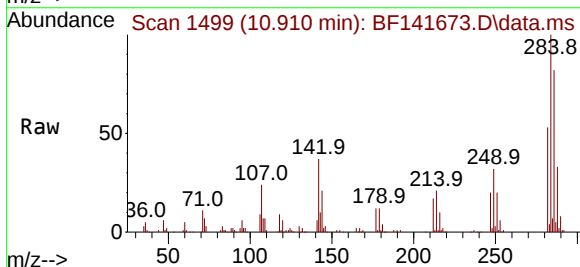
Tgt Ion:248 Resp: 128095
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.6
141 76.2 60.6 90.8

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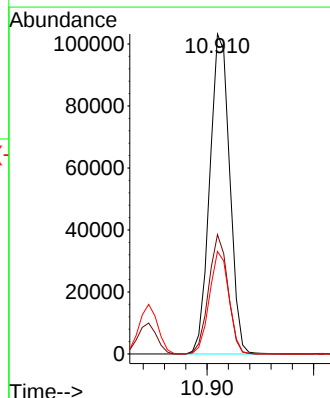
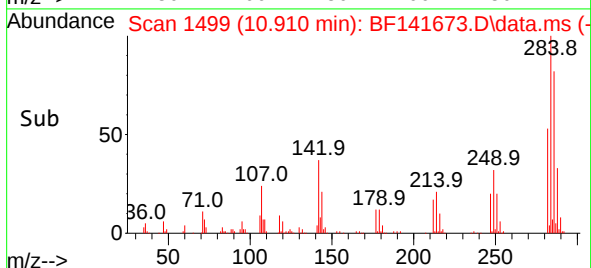
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

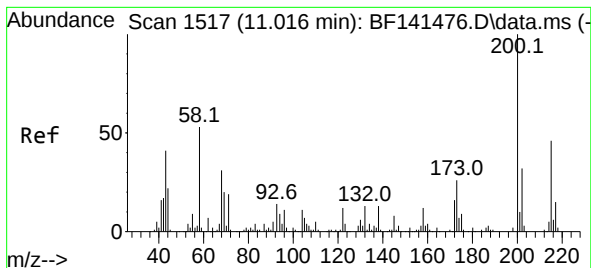


#68
Hexachlorobenzene
Concen: 48.589 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



Tgt Ion:284 Resp: 133838
Ion Ratio Lower Upper
284 100
142 37.3 28.0 42.0
249 32.0 25.8 38.8





#69

Atrazine

Concen: 56.354 ng

RT: 11.004 min Scan# 1515

Delta R.T. -0.018 min

Lab File: BF141673.D

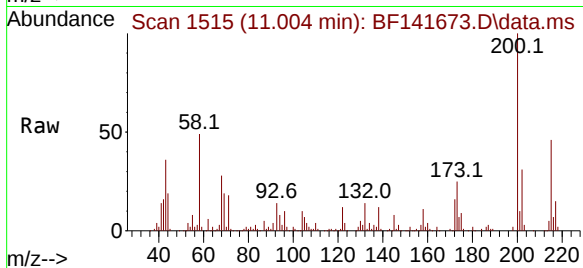
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS



Tgt Ion:200 Resp: 129528

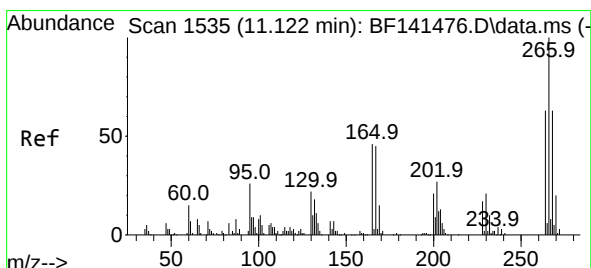
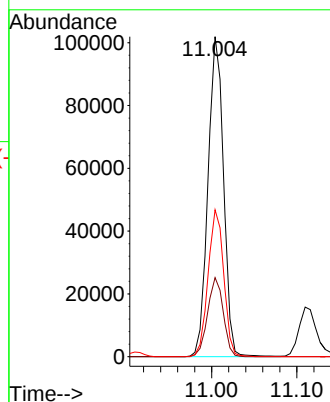
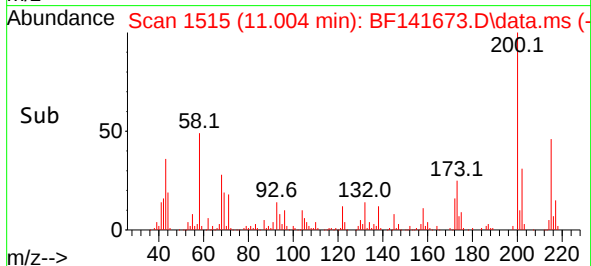
Ion	Ratio	Lower	Upper
200	100		
173	24.7	5.9	45.9
215	45.9	25.9	65.9

Manual Integrations

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Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#70

Pentachlorophenol

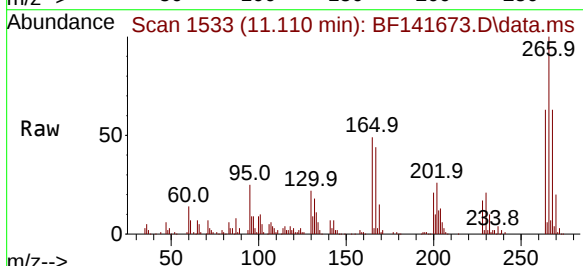
Concen: 70.388 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.018 min

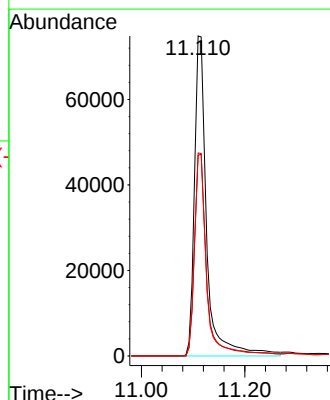
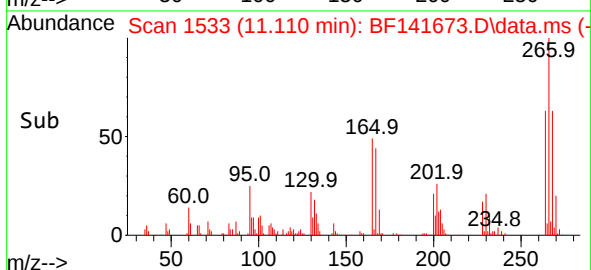
Lab File: BF141673.D

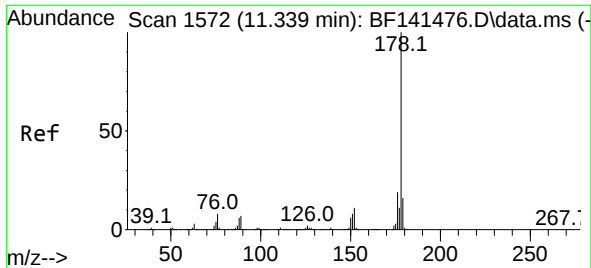
Acq: 19 Feb 2025 14:12



Tgt Ion:266 Resp: 123973

Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.1	75.1
264	63.5	50.1	75.1





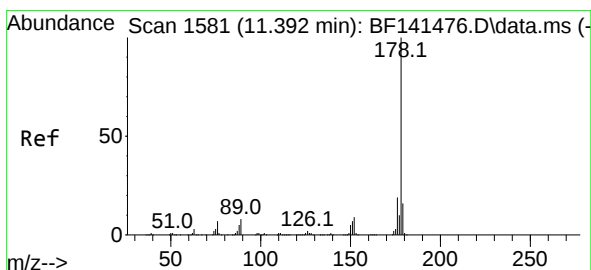
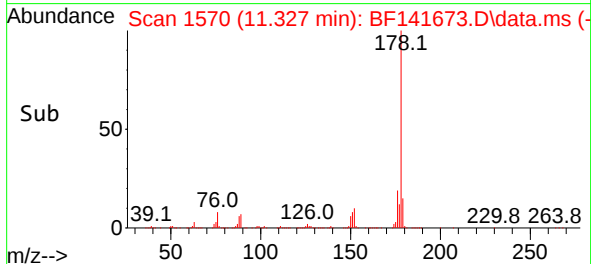
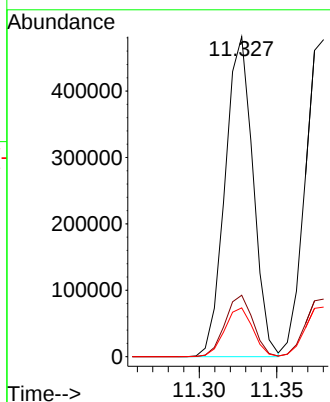
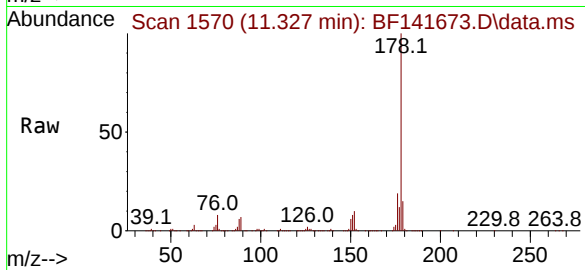
#71
Phenanthrene
Concen: 45.869 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :
BNA_F
ClientSampleId :
PB166772BS

Tgt Ion:178 Resp: 60431
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.4 18.6

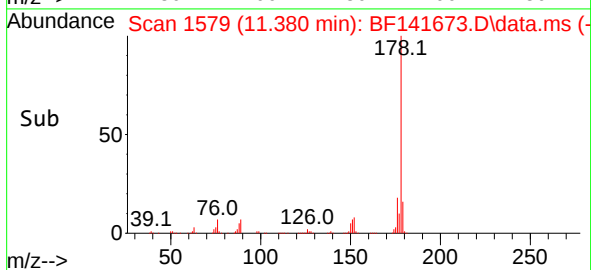
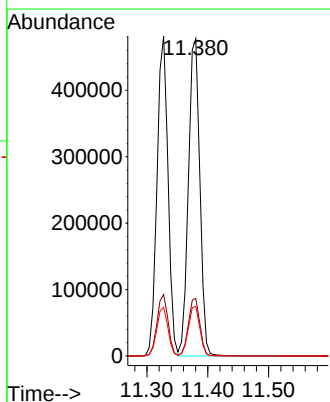
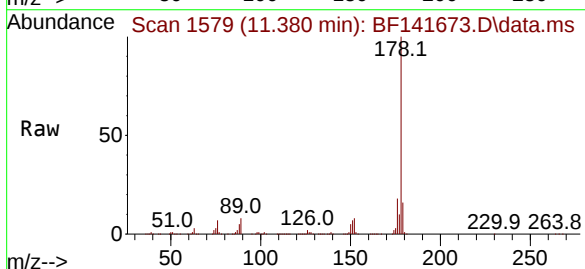
Manual Integrations
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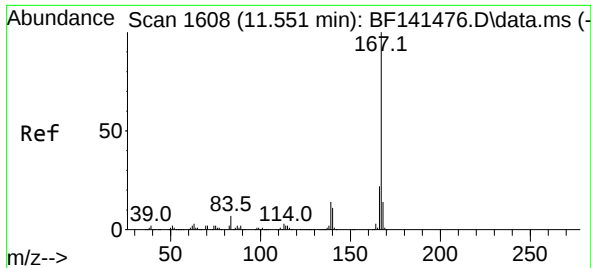
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#72
Anthracene
Concen: 47.128 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

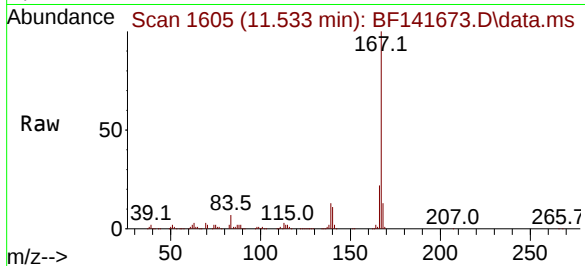
Tgt Ion:178 Resp: 624150
Ion Ratio Lower Upper
178 100
176 18.2 14.8 22.2
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 43.023 ng
 RT: 11.533 min Scan# 1605
 Delta R.T. -0.018 min
 Lab File: BF141673.D
 Acq: 19 Feb 2025 14:12

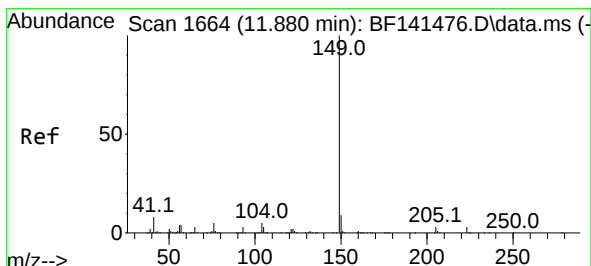
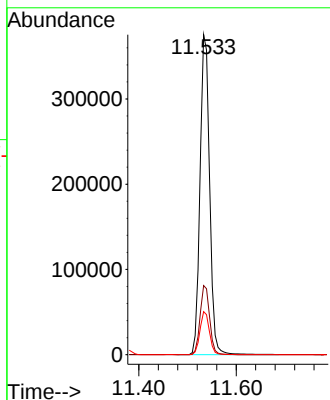
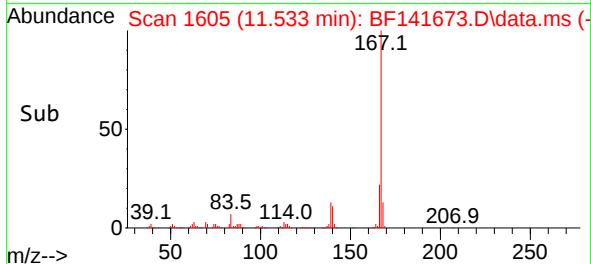
Instrument :
 BNA_F
 ClientSampleId :
 PB166772BS



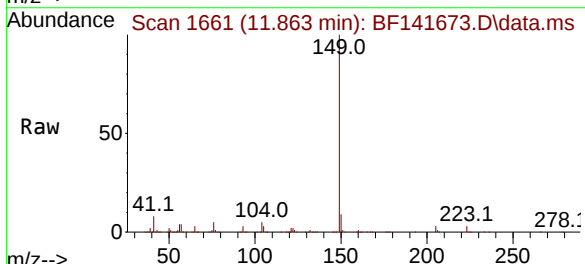
Tgt Ion:167 Resp: 512694
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.5 10.9 16.3

Manual Integrations
 APPROVED

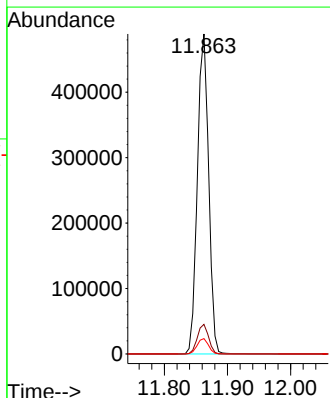
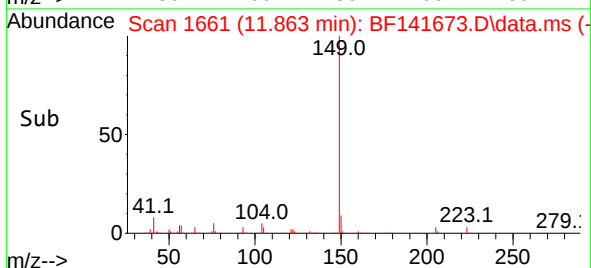
Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

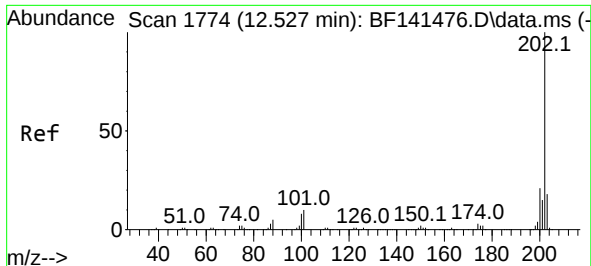


#74
 Di-n-butylphthalate
 Concen: 43.845 ng
 RT: 11.863 min Scan# 1661
 Delta R.T. -0.018 min
 Lab File: BF141673.D
 Acq: 19 Feb 2025 14:12



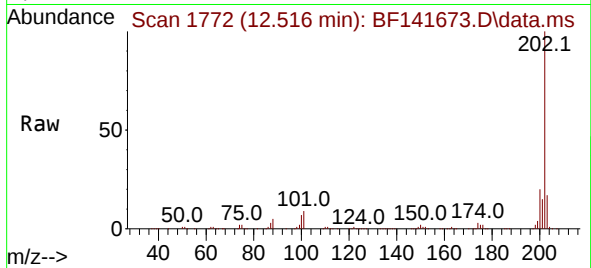
Tgt Ion:149 Resp: 603297
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 41.818 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

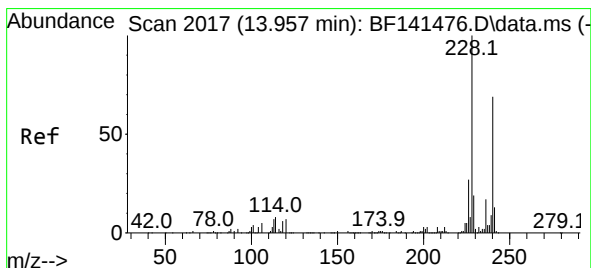
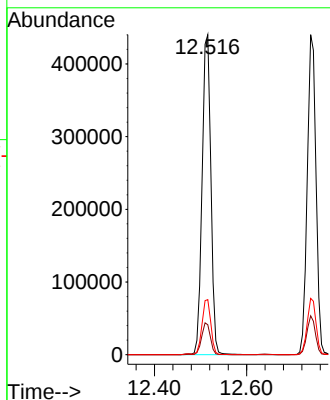
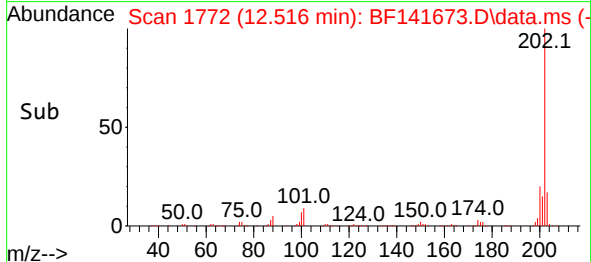
Instrument :
BNA_F
ClientSampleId :
PB166772BS



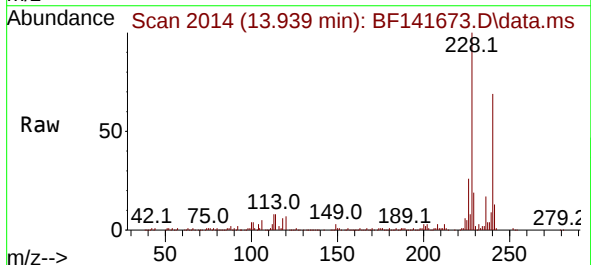
Tgt Ion:202 Resp: 58410
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.2
203 17.2 0.0 37.6

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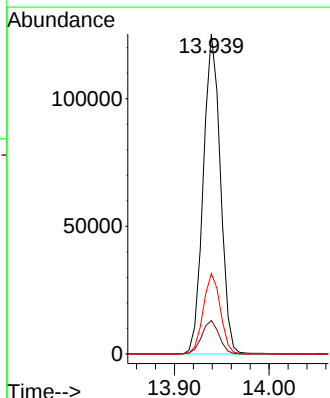
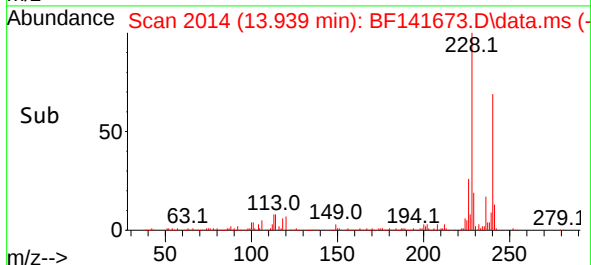
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

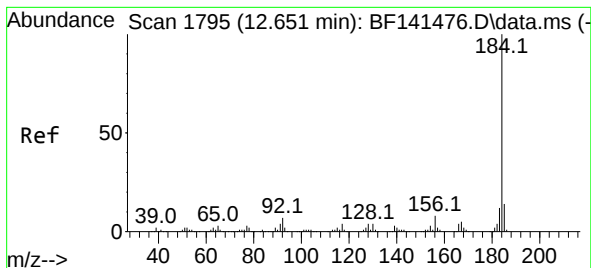


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



Tgt Ion:240 Resp: 156928
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.1 19.8 29.8





#77

Benzidine

Concen: 49.783 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS

Tgt Ion:184 Resp: 17229

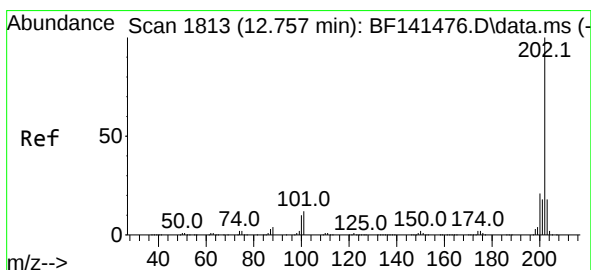
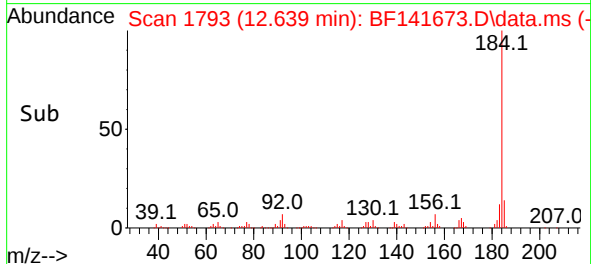
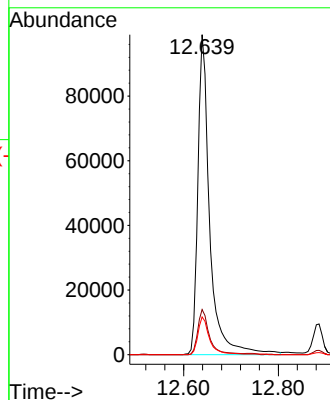
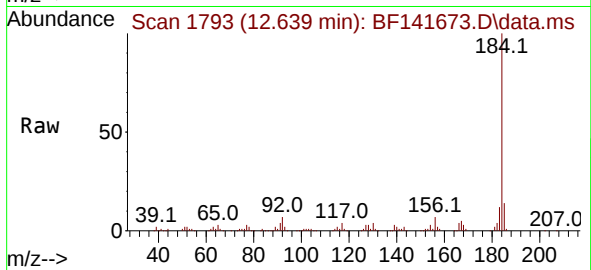
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.8	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#78

Pyrene

Concen: 43.372 ng

RT: 12.739 min Scan# 1810

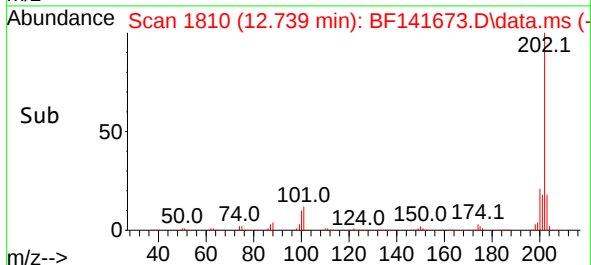
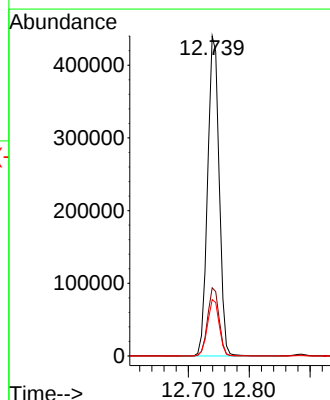
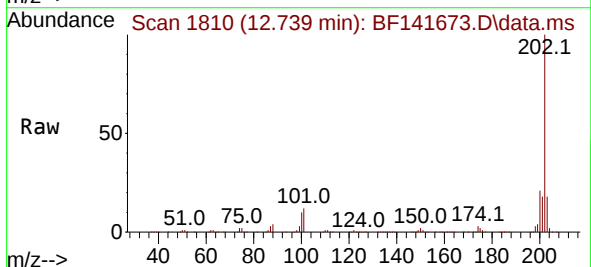
Delta R.T. -0.024 min

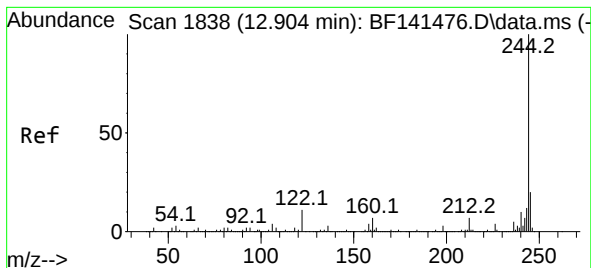
Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

Tgt Ion:202 Resp: 579393

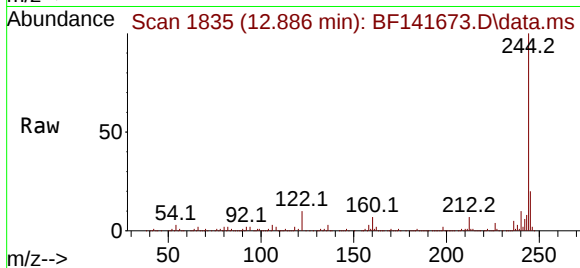
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.6	14.3	21.5





#79
Terphenyl-d14
Concen: 95.527 ng
RT: 12.886 min Scan# 1835
Delta R.T. -0.018 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

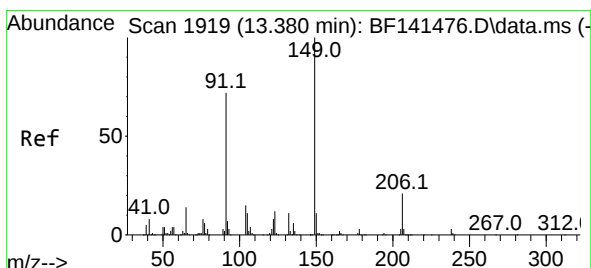
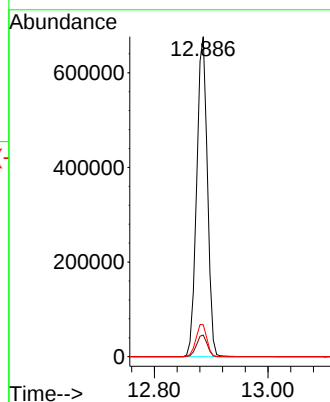
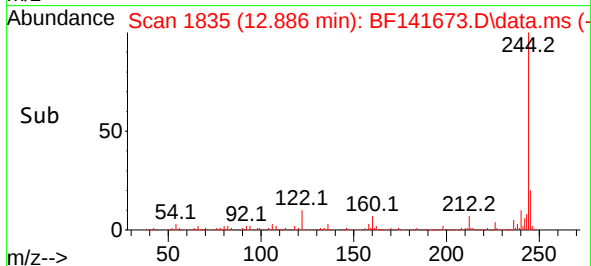
Instrument :
BNA_F
ClientSampleId :
PB166772BS



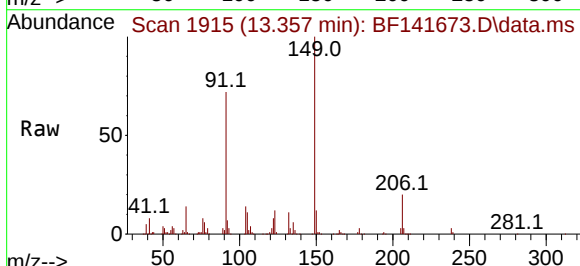
Tgt Ion:244 Resp: 887992
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.0 8.4 12.6

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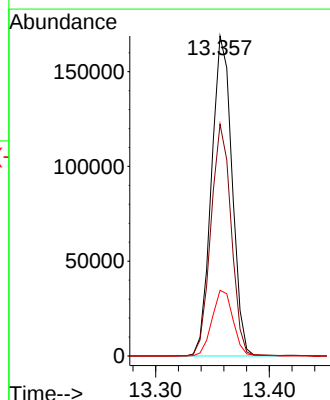
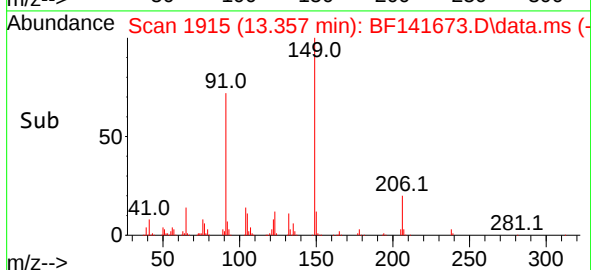
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

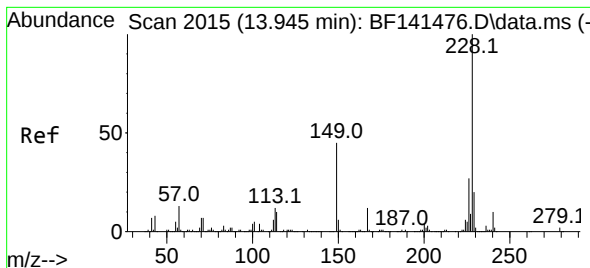


#80
Butylbenzylphthalate
Concen: 45.945 ng
RT: 13.357 min Scan# 1915
Delta R.T. -0.024 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



Tgt Ion:149 Resp: 212592
Ion Ratio Lower Upper
149 100
91 72.4 57.8 86.8
206 20.5 16.7 25.1





#81

Benzo(a)anthracene

Concen: 45.189 ng

RT: 13.927 min Scan# 2012

Delta R.T. -0.024 min

Lab File: BF141673.D

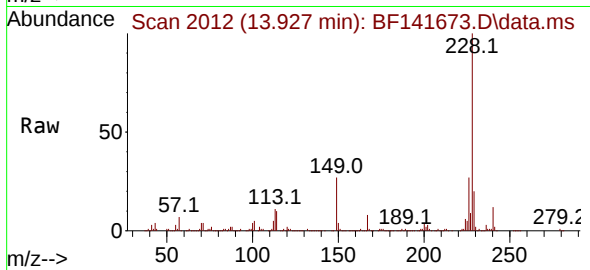
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS



Tgt Ion:228 Resp: 471390

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

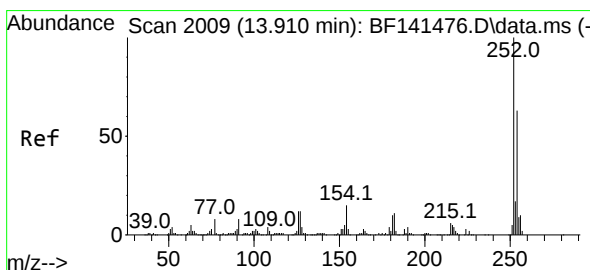
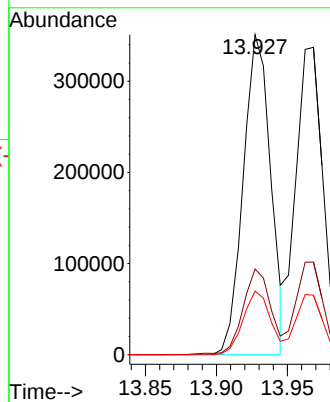
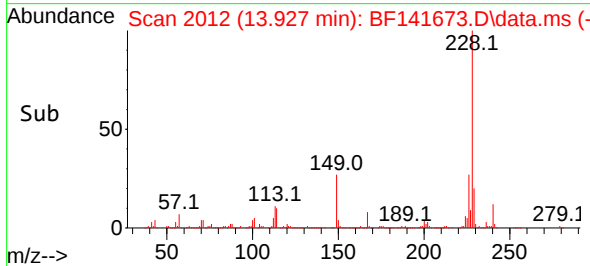
229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#82

3,3'-Dichlorobenzidine

Concen: 34.070 ng

RT: 13.892 min Scan# 2006

Delta R.T. -0.024 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

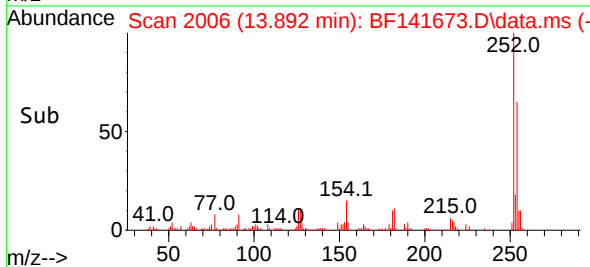
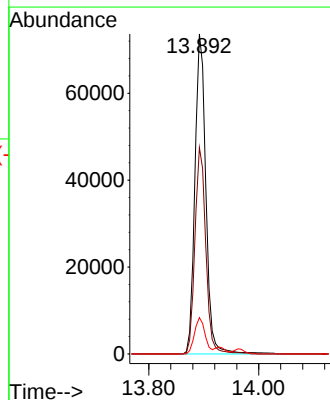
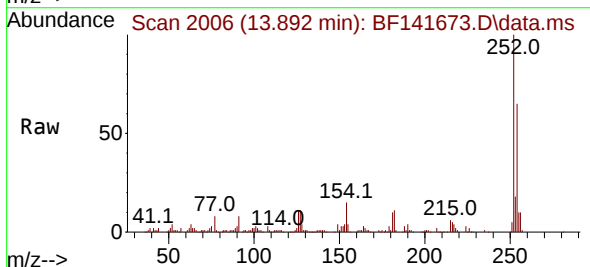
Tgt Ion:252 Resp: 101807

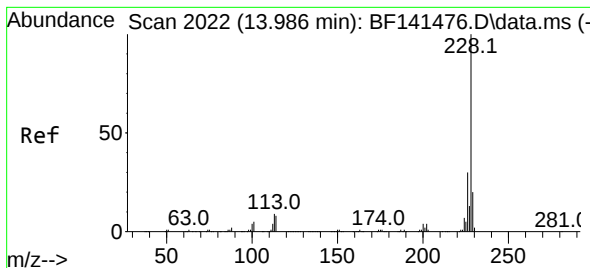
Ion Ratio Lower Upper

252 100

254 64.5 50.6 76.0

126 11.4 9.3 13.9





#83

Chrysene

Concen: 46.636 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.024 min

Lab File: BF141673.D

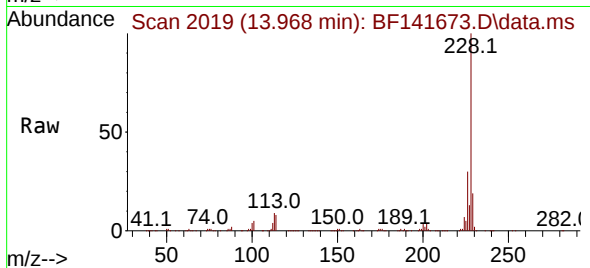
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

ClientSampleId :

PB166772BS



Tgt Ion:228 Resp: 44919

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

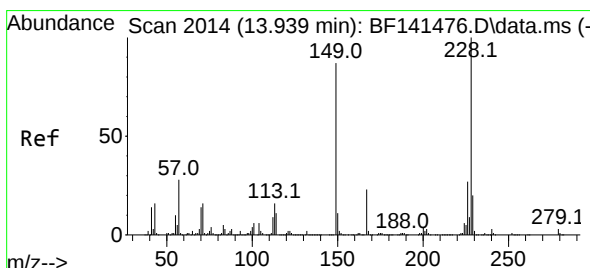
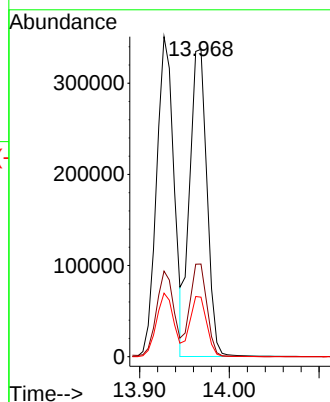
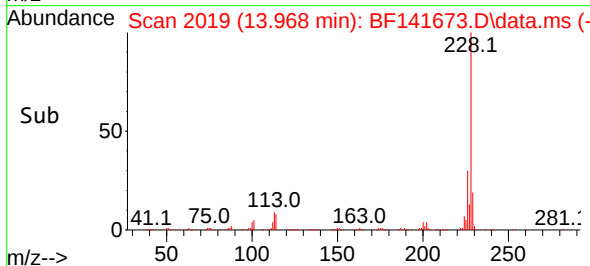
229 19.4 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/20/2025

Supervised By :Jagrut Upadhyay 02/20/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.773 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.024 min

Lab File: BF141673.D

Acq: 19 Feb 2025 14:12

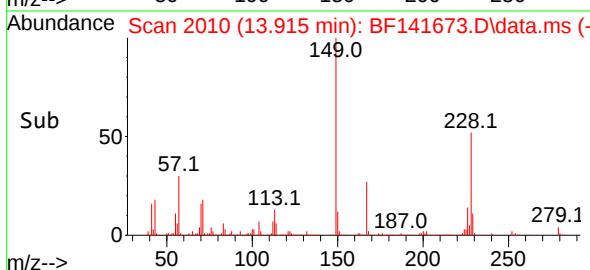
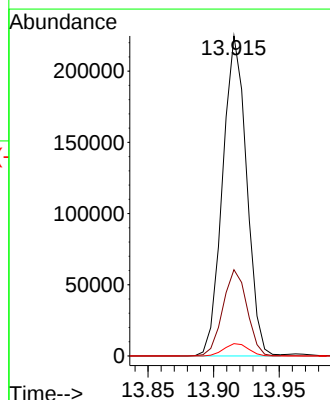
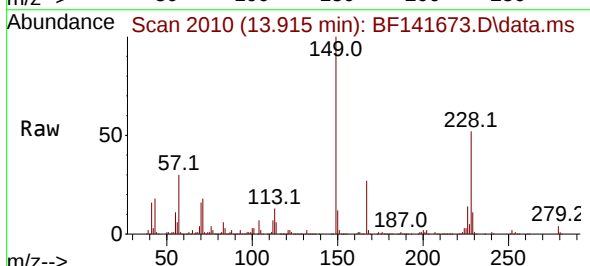
Tgt Ion:149 Resp: 285840

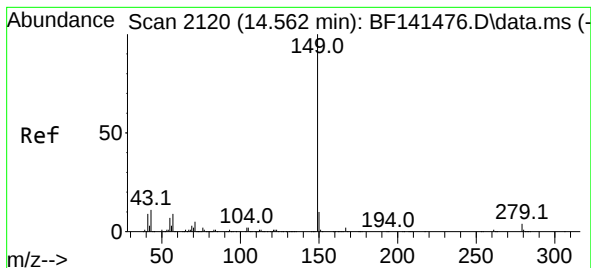
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

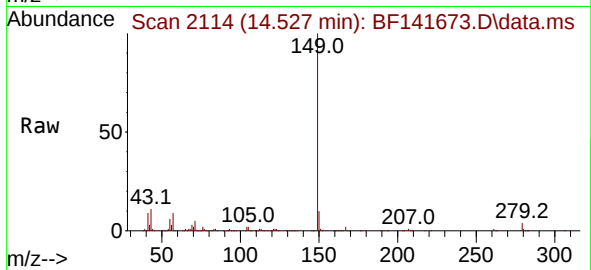
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 63.593 ng
RT: 14.527 min Scan# 2114
Delta R.T. -0.035 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

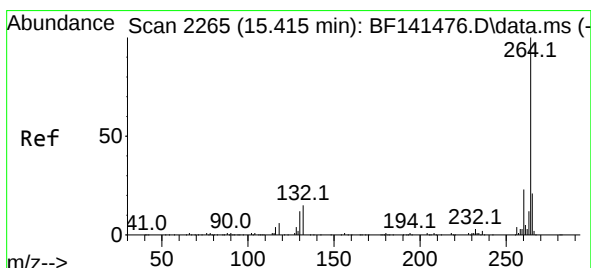
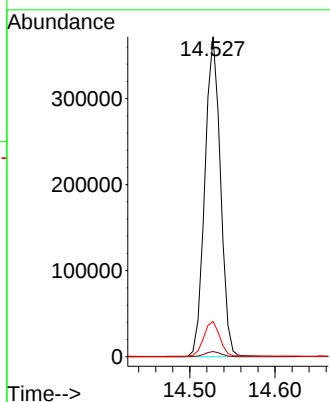
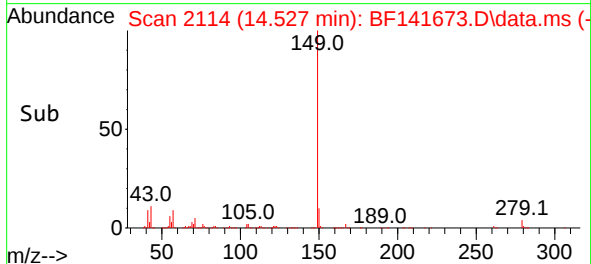
Instrument :
BNA_F
ClientSampleId :
PB166772BS



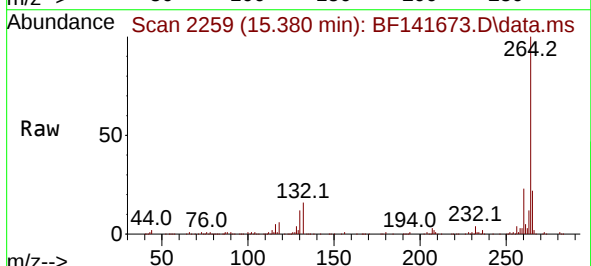
Tgt Ion:149 Resp: 47344
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.4 9.5 14.3

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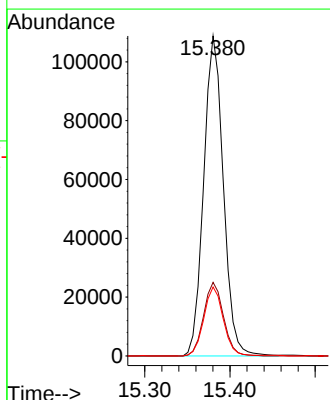
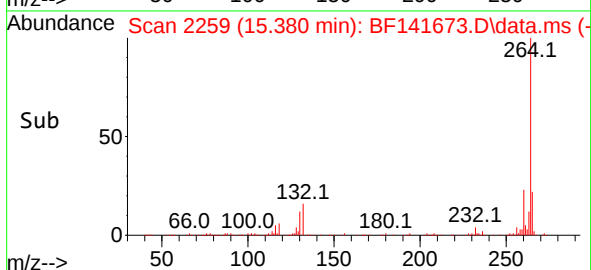
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

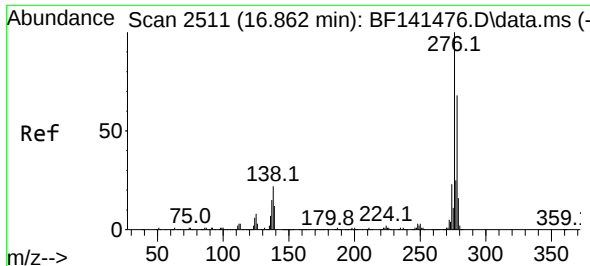


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2259
Delta R.T. -0.035 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



Tgt Ion:264 Resp: 174497
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.5 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 53.543 ng
RT: 16.821 min Scan# 2180
Delta R.T. -0.053 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

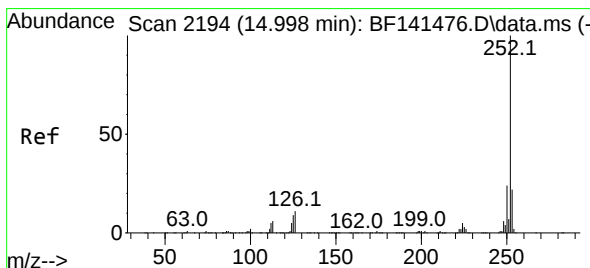
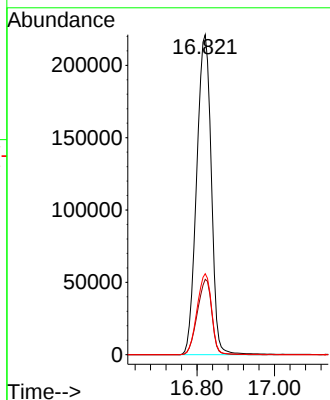
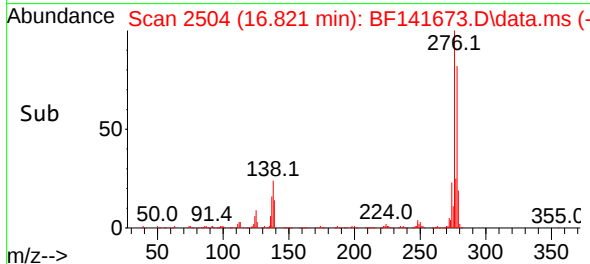
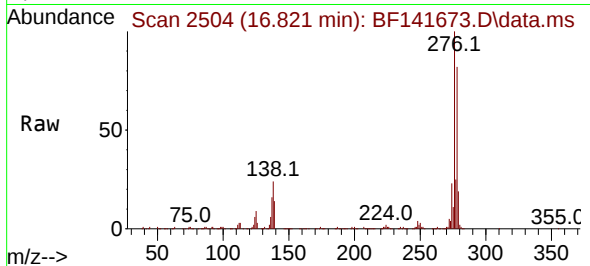
ClientSampleId :

PB166772BS

Tgt Ion:276 Resp: 57730
Ion Ratio Lower Upper
276 100
138 23.2 18.0 27.0
277 25.2 20.4 30.6

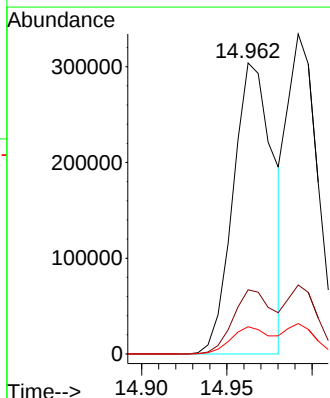
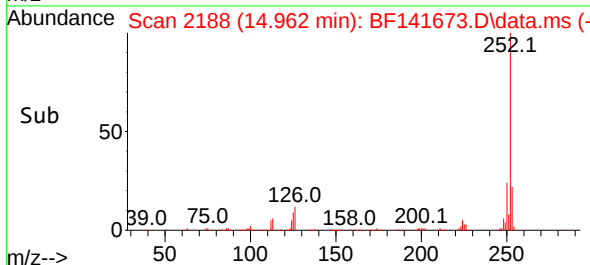
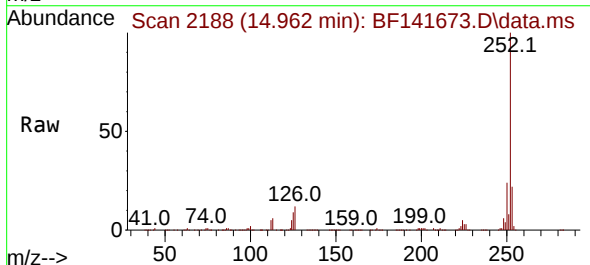
Manual Integrations
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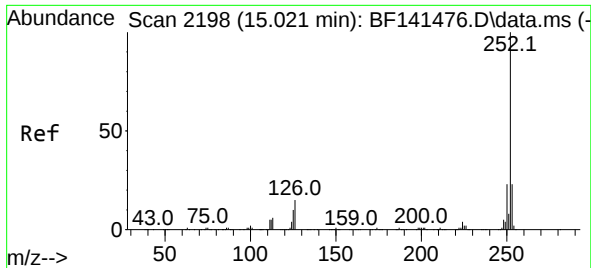
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025



#88
Benzo(b)fluoranthene
Concen: 42.298 ng
RT: 14.962 min Scan# 2188
Delta R.T. -0.041 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

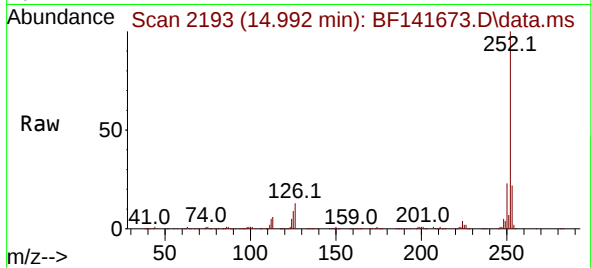
Tgt Ion:252 Resp: 495590
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.4 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 41.742 ng
RT: 14.992 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

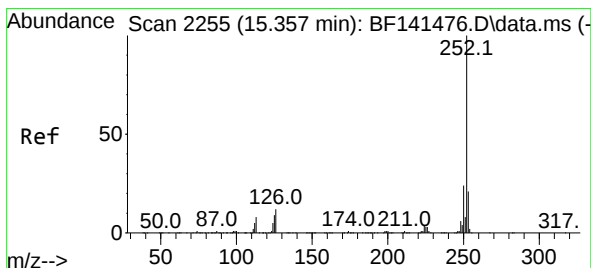
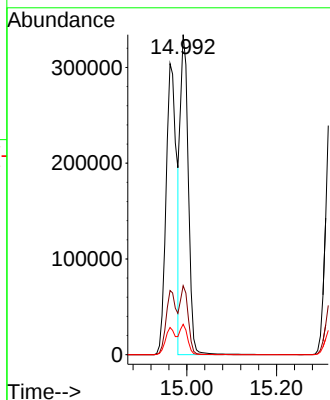
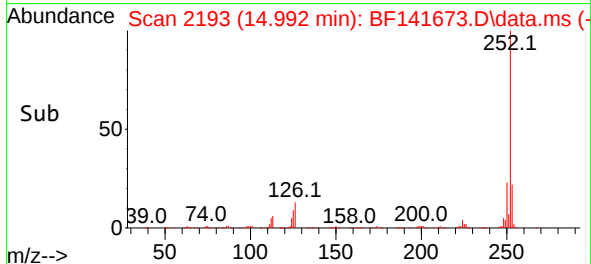
Instrument :
BNA_F
ClientSampleId :
PB166772BS



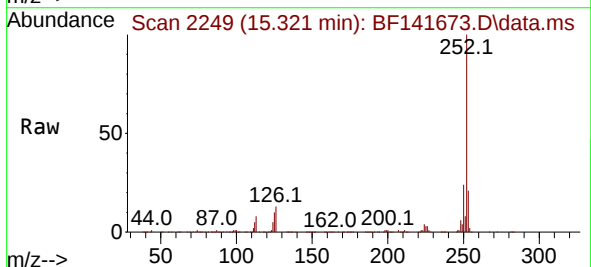
Tgt Ion:252 Resp: 417625
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 9.5 7.4 11.0

Manual Integrations
APPROVED

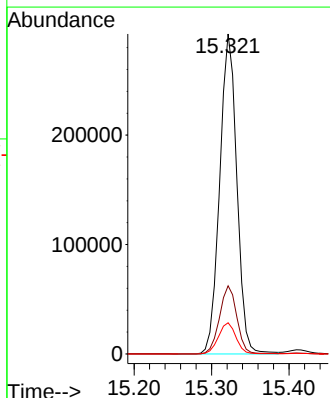
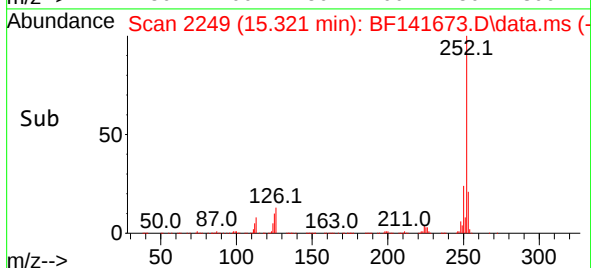
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

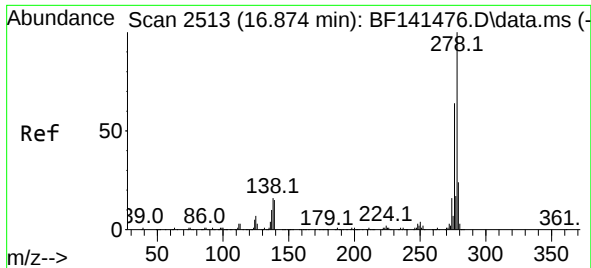


#90
Benzo(a)pyrene
Concen: 47.583 ng
RT: 15.321 min Scan# 2249
Delta R.T. -0.041 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12



Tgt Ion:252 Resp: 451121
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 9.8 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 53.299 ng
RT: 16.833 min Scan# 2506
Delta R.T. -0.059 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Instrument :

BNA_F

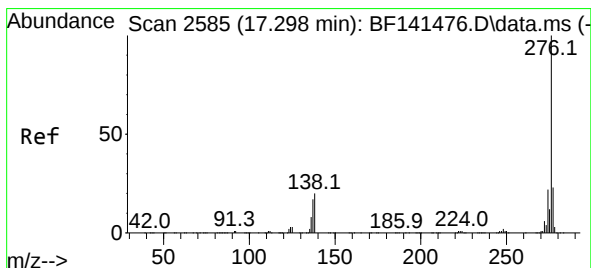
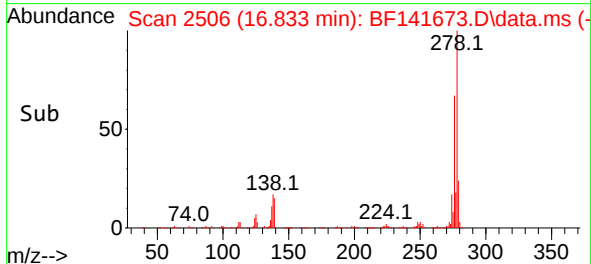
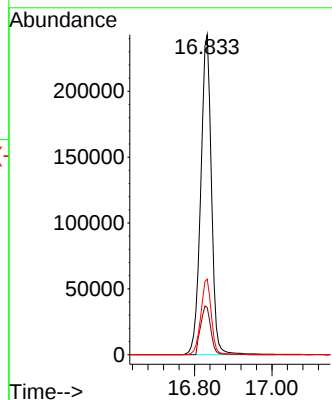
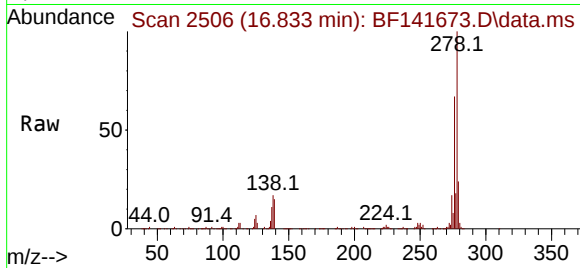
ClientSampleId :

PB166772BS

Tgt Ion:278 Resp: 465649
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.6 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: 50.082 ng
RT: 17.245 min Scan# 2576
Delta R.T. -0.071 min
Lab File: BF141673.D
Acq: 19 Feb 2025 14:12

Tgt Ion:276 Resp: 457868
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 20.1 15.9 23.9

