

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141662.D
 Acq On : 18 Feb 2025 15:31
 Operator : RC/JU
 Sample : Q1373-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB27161MS

Quant Time: Feb 18 15:53:10 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	78261	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	303735	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	156984	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	251071	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	143845	20.000	ng	-0.02
86) Perylene-d12	15.380	264	167825	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	680725	136.364	ng	0.01
7) Phenol-d6	6.434	99	778393	123.370	ng	0.00
23) Nitrobenzene-d5	7.351	82	574684	98.686	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	219997	139.506	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1036194	101.692	ng	-0.01
79) Terphenyl-d14	12.886	244	822747	96.558	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	87194	43.398	ng	# 79
3) Pyridine	3.381	79	163807	34.262	ng	96
4) n-Nitrosodimethylamine	3.328	42	251234	79.360	ng	# 72
6) Aniline	6.451	93	75125	12.693	ng	# 1
8) 2-Chlorophenol	6.575	128	239961	44.487	ng	99
9) Benzaldehyde	6.334	77	54250	16.180	ng	95
10) Phenol	6.445	94	272874	41.553	ng	81
11) bis(2-Chloroethyl)ether	6.522	93	234821	47.607	ng	98
12) 1,3-Dichlorobenzene	6.722	146	237297	41.671	ng	98
13) 1,4-Dichlorobenzene	6.798	146	242659	41.707	ng	99
14) 1,2-Dichlorobenzene	6.951	146	230672	42.717	ng	99
15) Benzyl Alcohol	6.934	79	362027	74.824	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	342416	40.554	ng	59
17) 2-Methylphenol	7.051	107	189509	44.895	ng	95
18) Hexachloroethane	7.292	117	89102	41.380	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	164535	43.596	ng	99
20) 3+4-Methylphenols	7.210	107	863383	160.946	ng	# 57
22) Acetophenone	7.192	105	388859	51.467	ng	# 96
24) Nitrobenzene	7.369	77	247528	43.591	ng	98
25) Isophorone	7.610	82	439662	47.351	ng	98
26) 2-Nitrophenol	7.686	139	127296	45.058	ng	94
27) 2,4-Dimethylphenol	7.728	122	211285	64.018	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	269558	45.306	ng	100
29) 2,4-Dichlorophenol	7.933	162	201498	45.186	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	209391	43.120	ng	99
31) Naphthalene	8.086	128	688112	43.522	ng	100
32) Benzoic acid	7.886	122	244566	71.341	ng	100
33) 4-Chloroaniline	8.163	127	39712	7.194	ng	99
34) Hexachlorobutadiene	8.198	225	124860	42.830	ng	99
35) Caprolactam	8.545	113	59541	43.854	ng	96
36) 4-Chloro-3-methylphenol	8.633	107	221989	44.941	ng	100
37) 2-Methylnaphthalene	8.775	142	437317	42.506	ng	100
38) 1-Methylnaphthalene	8.875	142	428147	42.967	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	234499	51.632	ng	98
41) Hexachlorocyclopentadiene	8.928	237	217618	144.059	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	137741	46.924	ng	99

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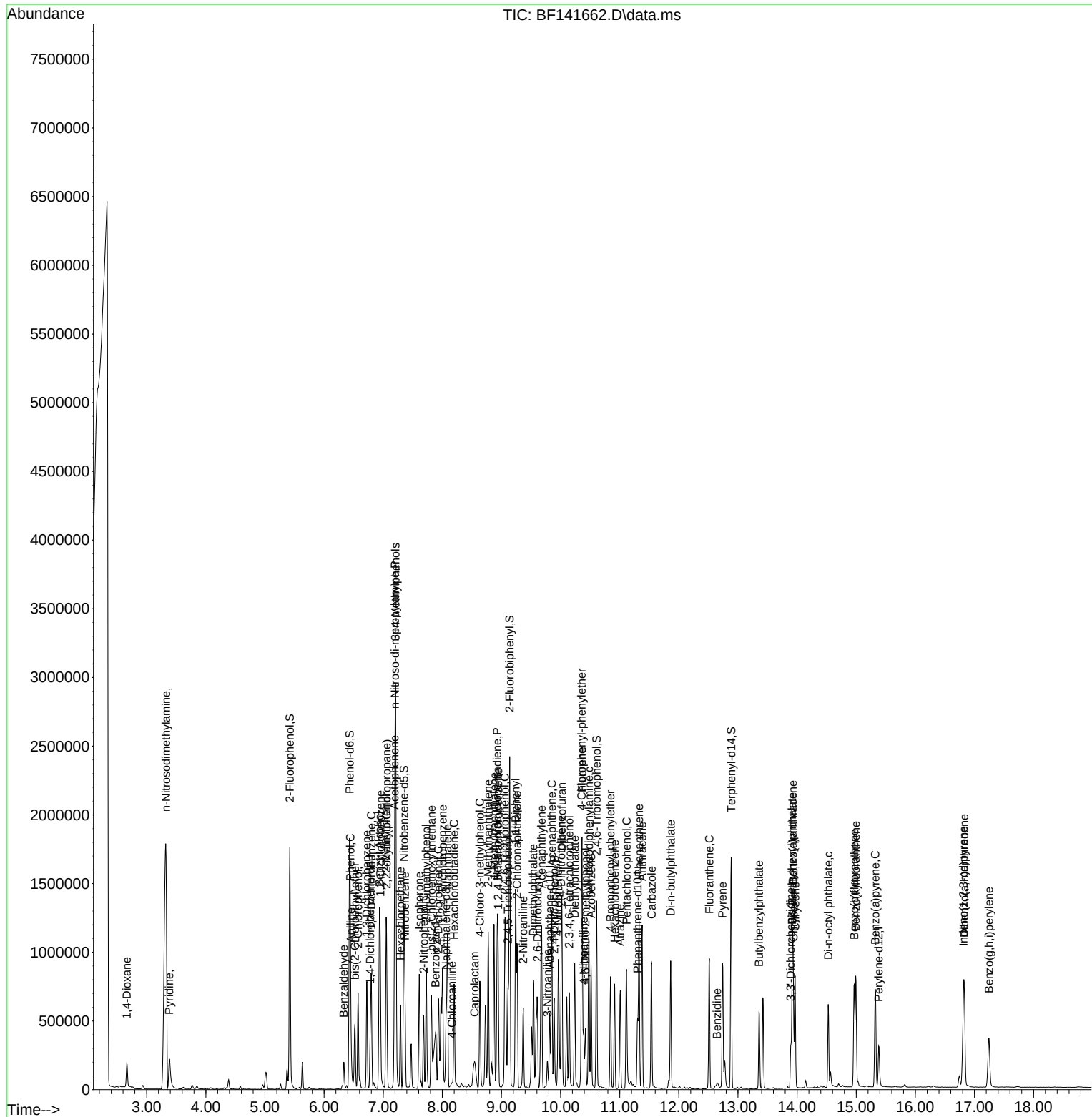
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	151380	47.585	ng	99
46) 1,1'-Biphenyl	9.239	154	630249	51.784	ng	99
47) 2-Chloronaphthalene	9.263	162	423991	47.111	ng	100
48) 2-Nitroaniline	9.369	65	137910	45.660	ng	95
49) Acenaphthylene	9.680	152	653260	48.801	ng	100
50) Dimethylphthalate	9.539	163	493173	46.276	ng	99
51) 2,6-Dinitrotoluene	9.610	165	109455	46.982	ng	96
52) Acenaphthene	9.851	154	414422	46.050	ng	99
53) 3-Nitroaniline	9.780	138	47855	19.085	ng	100
54) 2,4-Dinitrophenol	9.892	184	128680	92.934	ng	93
55) Dibenzofuran	10.022	168	590150	44.676	ng	100
56) 4-Nitrophenol	9.957	139	150069	80.621	ng	99
57) 2,4-Dinitrotoluene	10.010	165	147539	47.571	ng	99
58) Fluorene	10.363	166	468036	45.825	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	124761	45.552	ng	97
60) Diethylphthalate	10.239	149	461362	44.000	ng	100
61) 4-Chlorophenyl-phenyle...	10.357	204	223112	45.407	ng	99
62) 4-Nitroaniline	10.392	138	100741	39.566	ng	98
63) Azobenzene	10.516	77	438176	42.036	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	80476	46.143	ng	94
66) n-Nitrosodiphenylamine	10.480	169	397362	49.441	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	135616	48.330	ng	98
68) Hexachlorobenzene	10.916	284	142669	49.376	ng	98
69) Atrazine	11.010	200	123908	51.390	ng	99
70) Pentachlorophenol	11.116	266	161847	87.599	ng	99
71) Phenanthrene	11.327	178	654982	47.393	ng	100
72) Anthracene	11.380	178	676069	48.663	ng	99
73) Carbazole	11.539	167	541491	43.317	ng	99
74) Di-n-butylphthalate	11.863	149	629183	43.590	ng	100
75) Fluoranthene	12.516	202	564214	38.507	ng	99
77) Benzidine	12.645	184	25860	8.152	ng	96
78) Pyrene	12.739	202	551085	45.005	ng	99
80) Butylbenzylphthalate	13.357	149	185219	43.670	ng	99
81) Benzo(a)anthracene	13.927	228	465878	48.722	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	95662	34.925	ng	98
83) Chrysene	13.968	228	400562	45.369	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	219611	45.909	ng	100
85) Di-n-octyl phthalate	14.527	149	392477	57.513	ng	98
87) Indeno(1,2,3-cd)pyrene	16.815	276	466968	45.032	ng	100
88) Benzo(b)fluoranthene	14.968	252	490077	43.490	ng	100
89) Benzo(k)fluoranthene	14.992	252	440289	45.757	ng	99
90) Benzo(a)pyrene	15.321	252	453761	49.764	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	383450	45.635	ng	99
92) Benzo(g,h,i)perylene	17.245	276	338510	38.498	ng	99

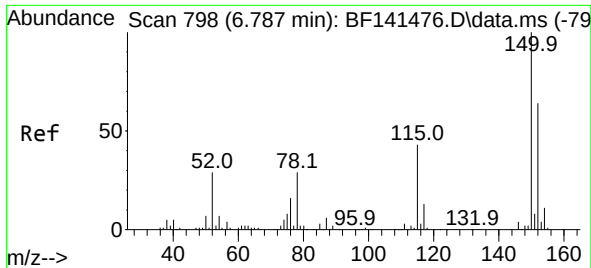
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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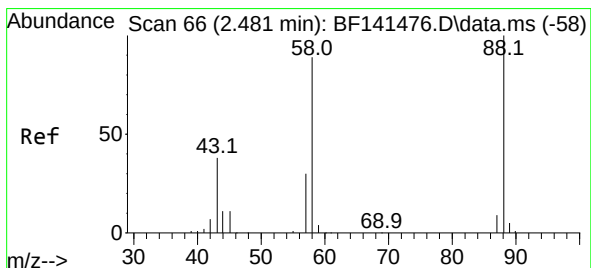
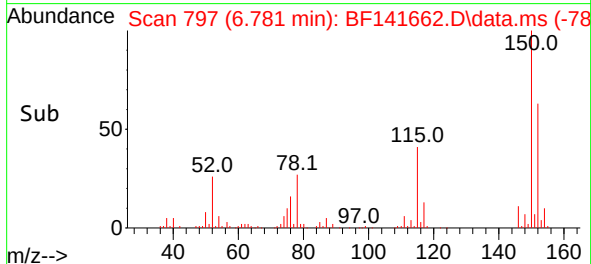
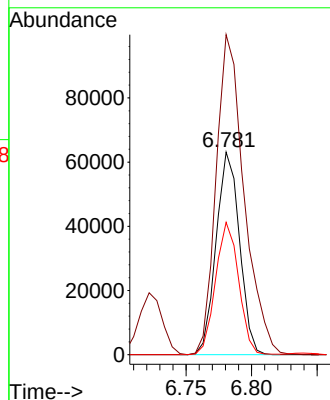
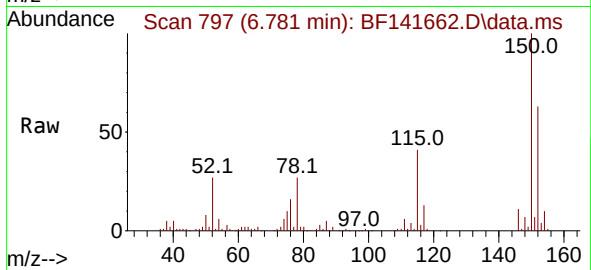




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141662.D
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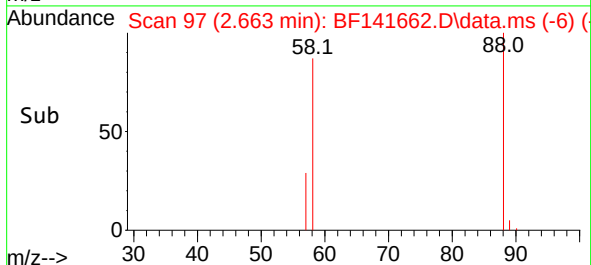
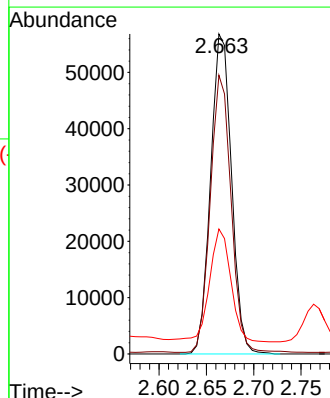
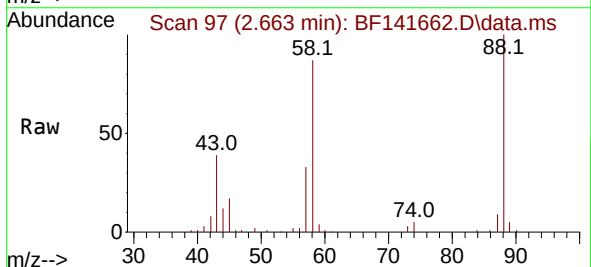
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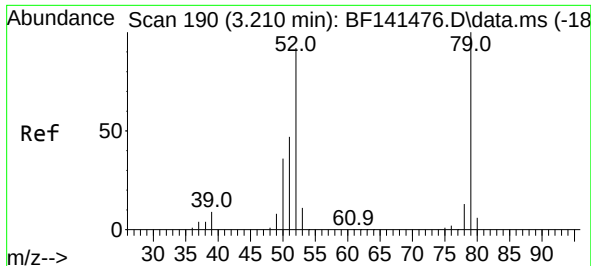
Tgt Ion:152 Resp: 78261
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.0 187.4
 115 65.3 53.6 80.4



#2
 1,4-Dioxane
 Concen: 43.398 ng
 RT: 2.663 min Scan# 97
 Delta R.T. 0.182 min
 Lab File: BF141662.D
 Acq: 18 Feb 2025 15:31

Tgt Ion: 88 Resp: 87194
 Ion Ratio Lower Upper
 88 100
 58 86.2 71.1 106.7
 43 0.0 30.6 46.0#

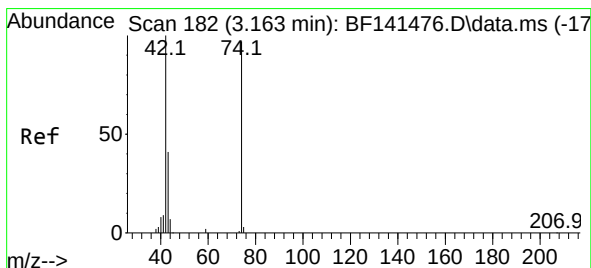
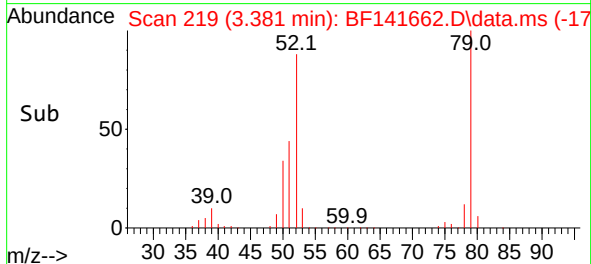
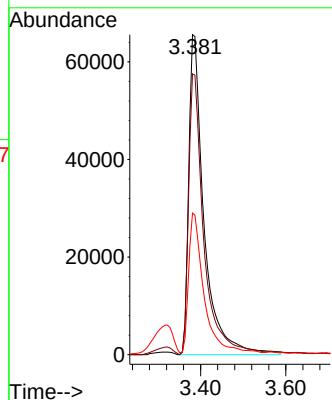
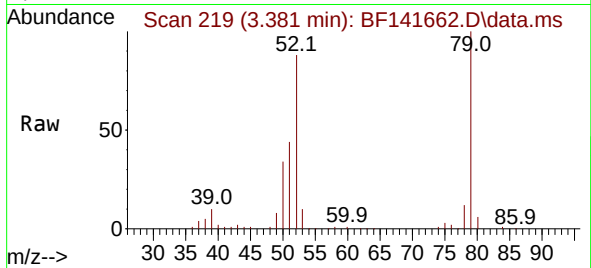




#3
Pyridine
Concen: 34.262 ng
RT: 3.381 min Scan# 21
Delta R.T. 0.165 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

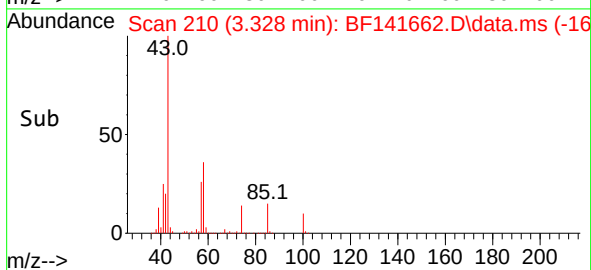
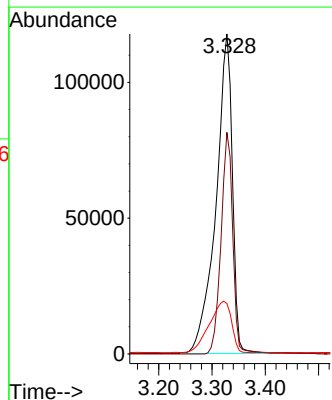
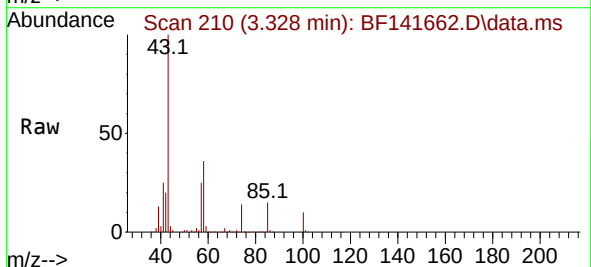
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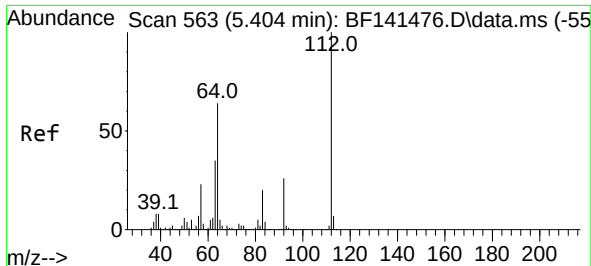
Tgt Ion: 79 Resp: 163807
Ion Ratio Lower Upper
79 100
52 87.7 73.7 110.5
51 44.2 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 79.360 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.141 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion: 42 Resp: 251234
Ion Ratio Lower Upper
42 100
74 69.2 78.0 117.0#
44 15.7 5.4 8.2#

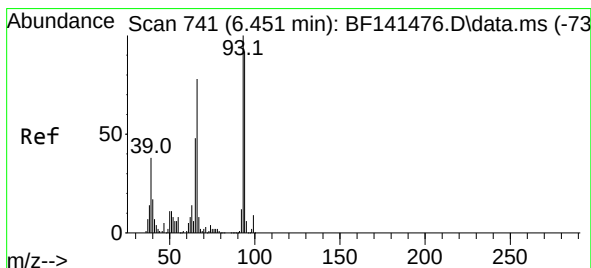
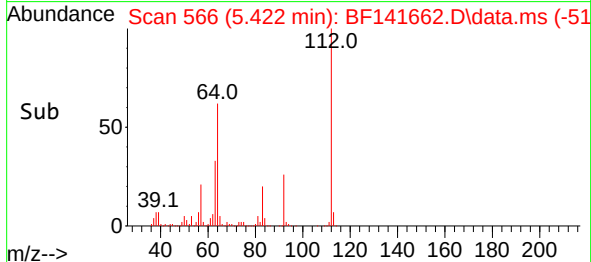
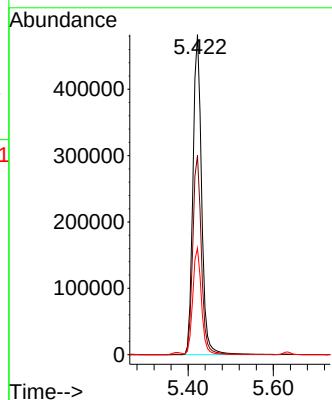
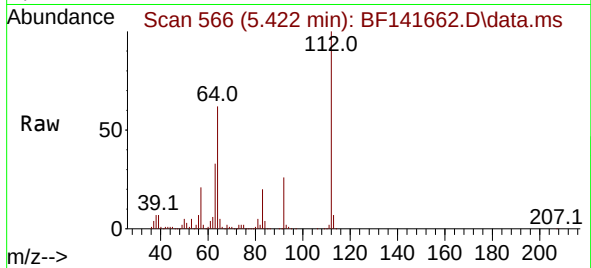




#5
2-Fluorophenol
Concen: 136.364 ng
RT: 5.422 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

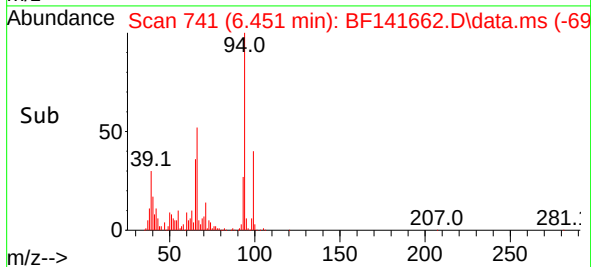
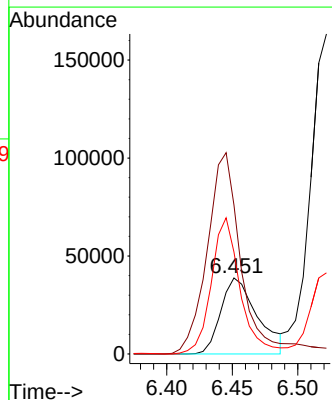
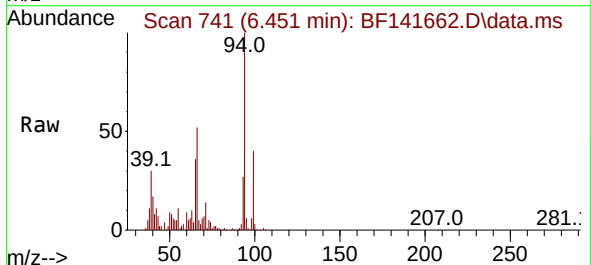
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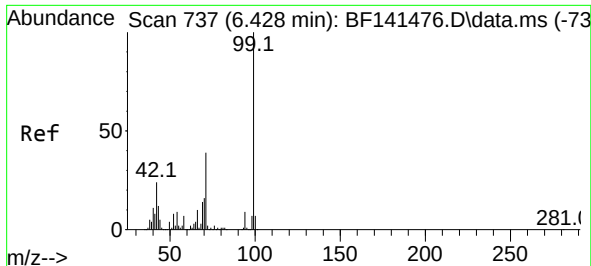
Tgt Ion:112 Resp: 680725
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 33.3 28.4 42.6



#6
Aniline
Concen: 12.693 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion: 93 Resp: 75125
Ion Ratio Lower Upper
93 100
66 196.2 62.6 94.0#
65 134.2 38.3 57.5#

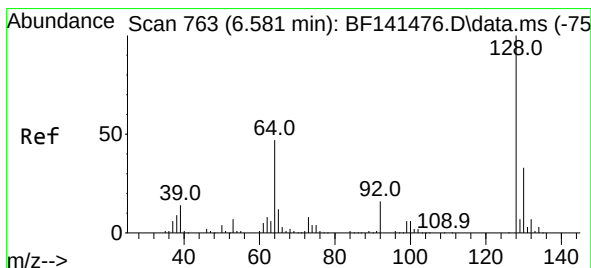
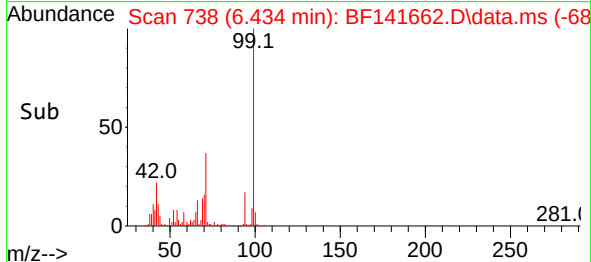
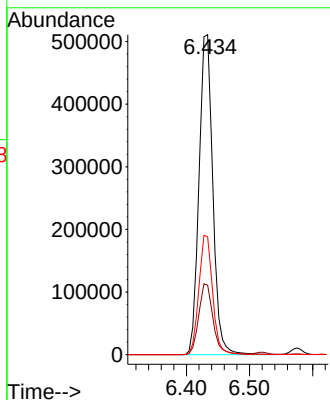
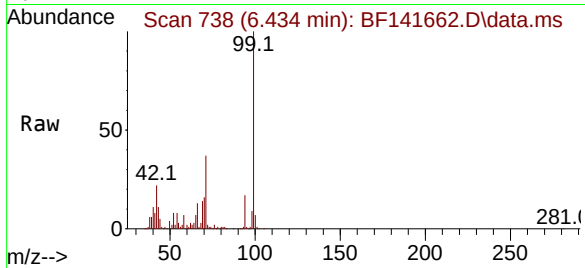




#7
Phenol-d6
Concen: 123.370 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

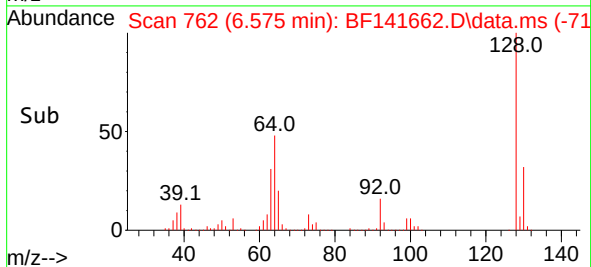
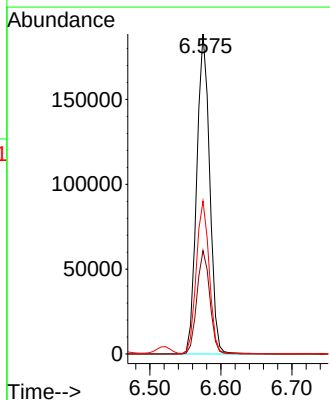
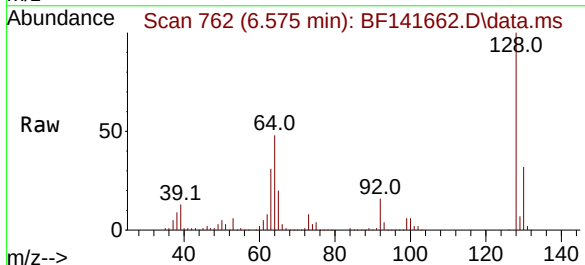
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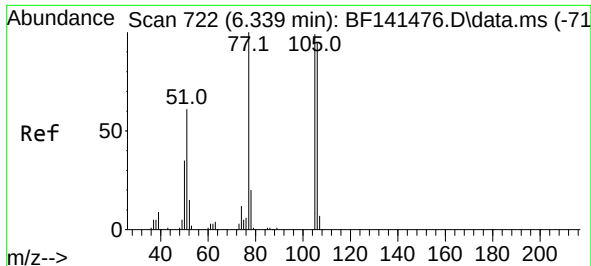
Tgt Ion: 99 Resp: 778393
Ion Ratio Lower Upper
99 100
42 21.7 19.1 28.7
71 36.8 31.1 46.7



#8
2-Chlorophenol
Concen: 44.487 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:128 Resp: 239961
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 47.8 28.3 68.3

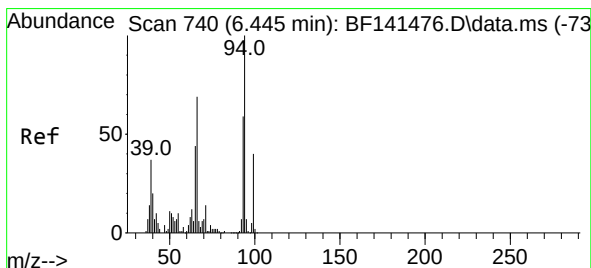
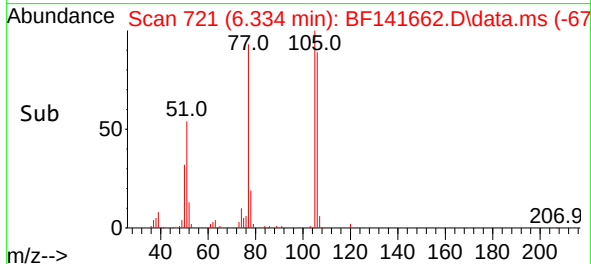
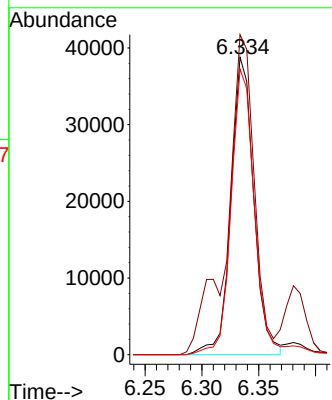
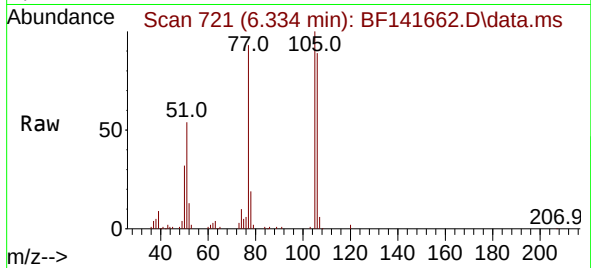




#9
Benzaldehyde
Concen: 16.180 ng
RT: 6.334 min Scan# 721
Delta R.T. -0.006 min
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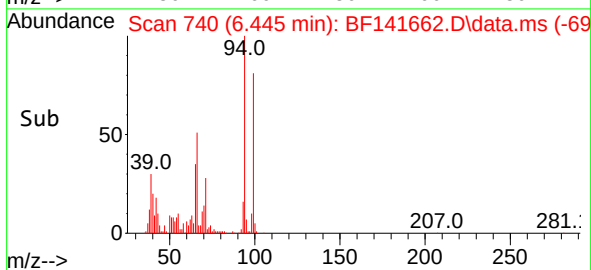
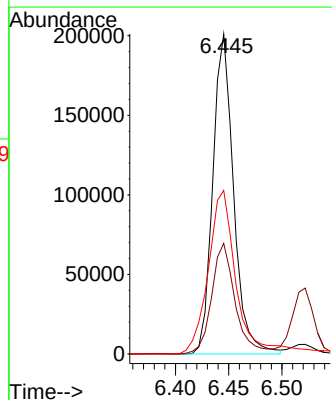
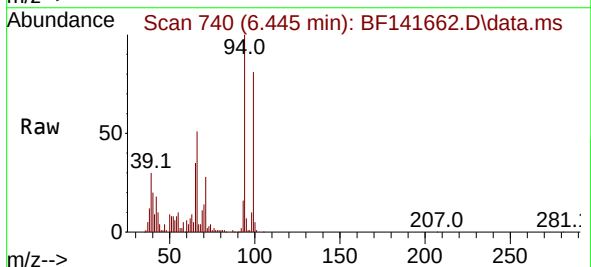
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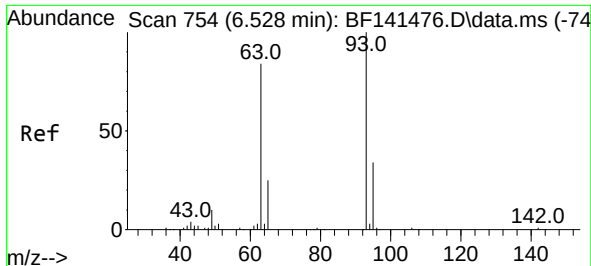
Tgt Ion: 77 Resp: 54250
Ion Ratio Lower Upper
77 100
105 107.6 79.4 119.4
106 96.0 75.1 115.1



#10
Phenol
Concen: 41.553 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion: 94 Resp: 272874
Ion Ratio Lower Upper
94 100
65 34.6 23.7 63.7
66 51.1 49.3 89.3

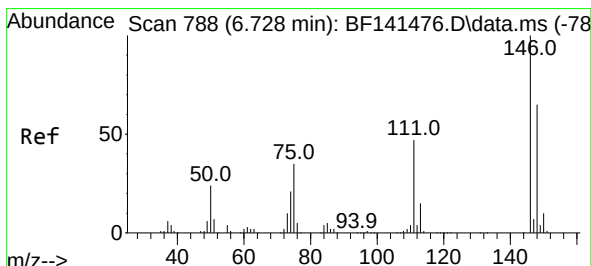
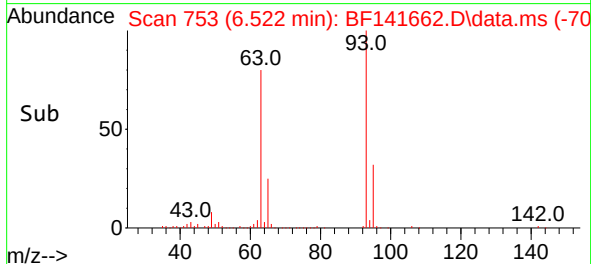
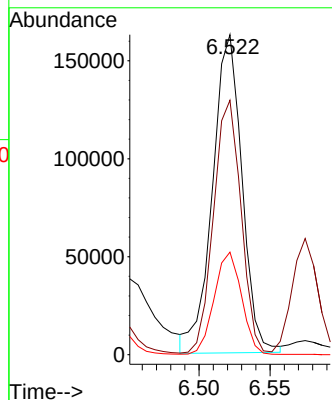
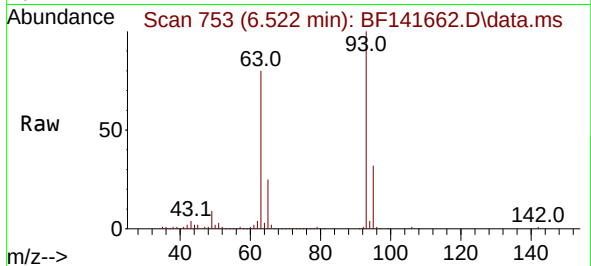




#11
bis(2-Chloroethyl)ether
Concen: 47.607 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

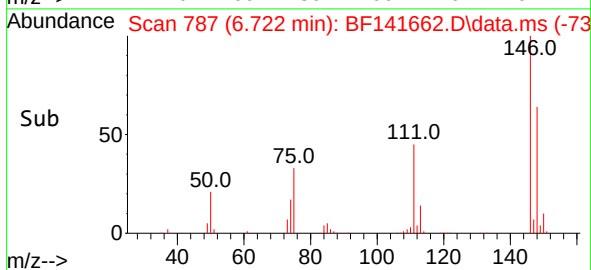
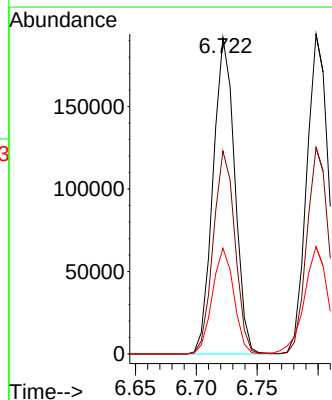
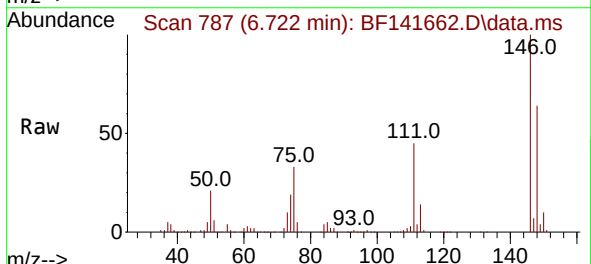
Instrument :
BNA_F
ClientSampleId :
VB27161MS

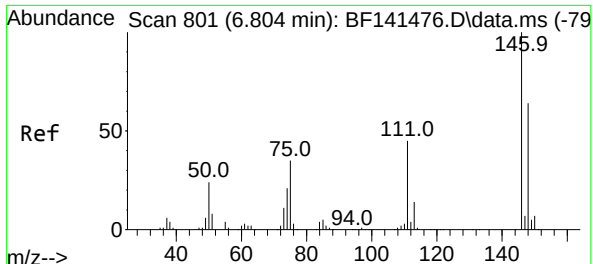
Tgt Ion: 93 Resp: 234821
Ion Ratio Lower Upper
93 100
63 79.5 62.0 102.0
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 41.671 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:146 Resp: 237297
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
75 33.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 41.707 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

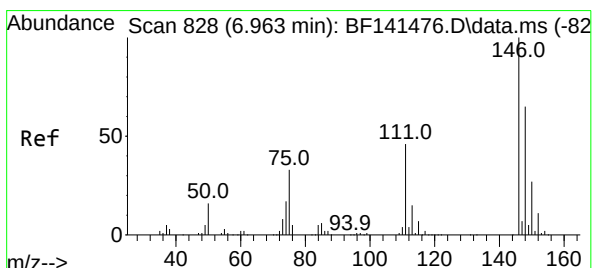
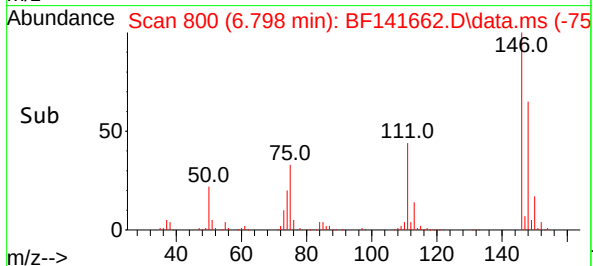
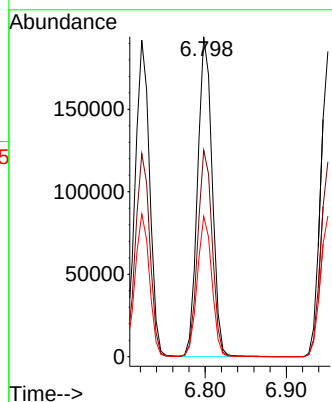
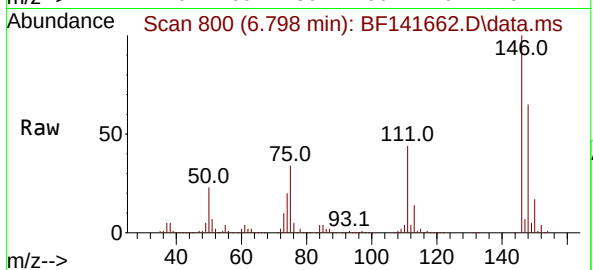
Tgt Ion:146 Resp: 242659

Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

111 43.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 42.717 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

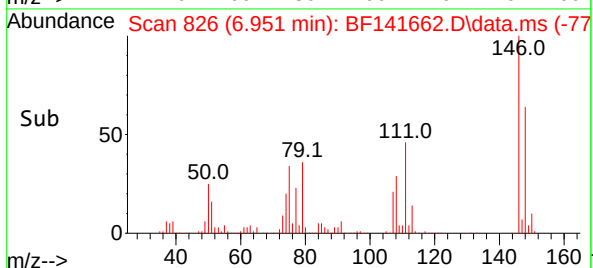
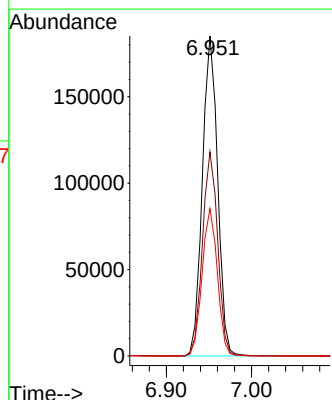
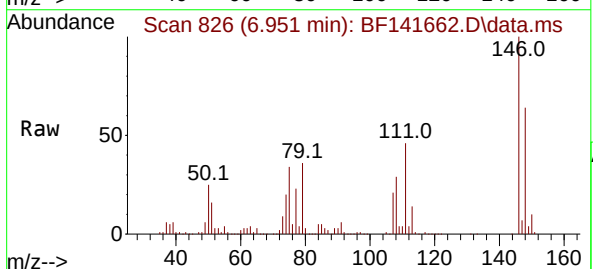
Tgt Ion:146 Resp: 230672

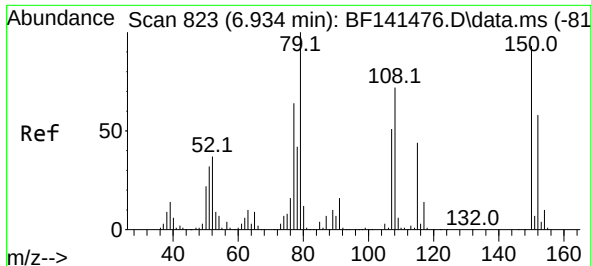
Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

111 46.1 37.0 55.4

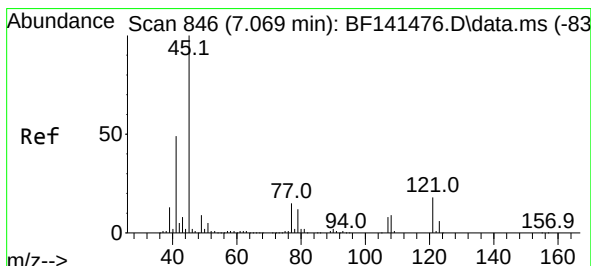
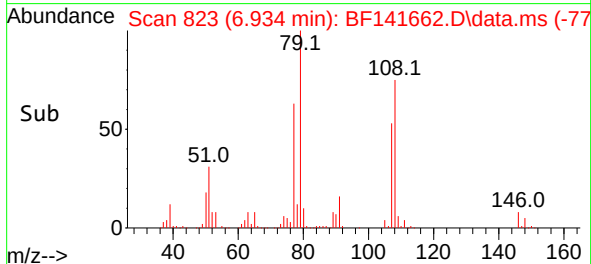
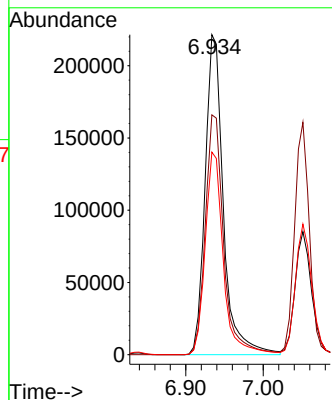
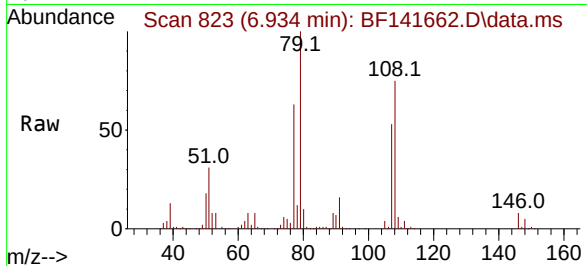




#15
Benzyl Alcohol
Concen: 74.824 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

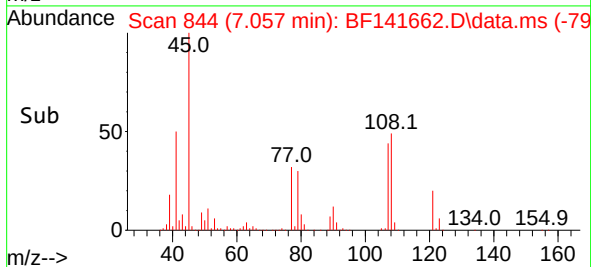
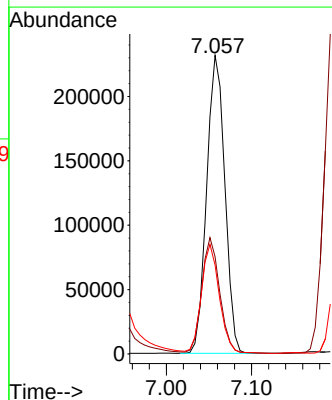
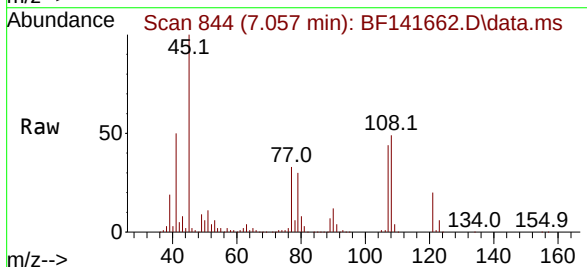
Instrument :
BNA_F
ClientSampleId :
VB27161MS

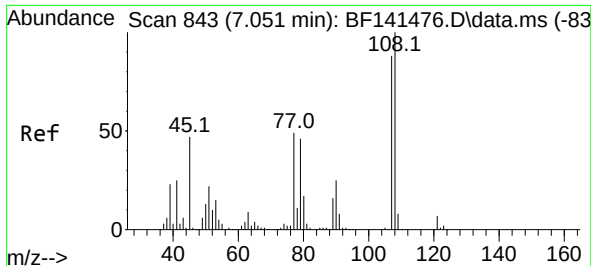
Tgt Ion: 79 Resp: 362027
Ion Ratio Lower Upper
79 100
108 74.9 57.4 86.2
77 63.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.554 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion: 45 Resp: 342416
Ion Ratio Lower Upper
45 100
77 32.5 0.0 35.8
79 29.7 0.0 32.7

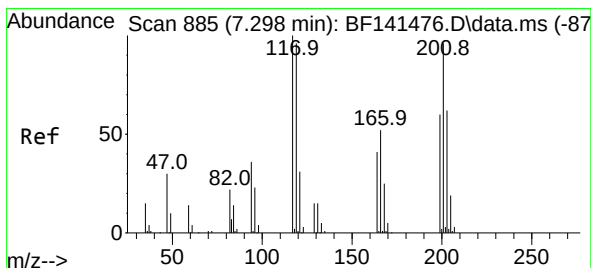
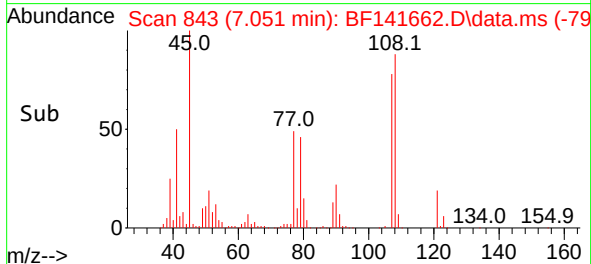
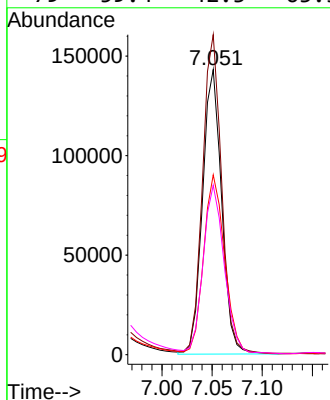
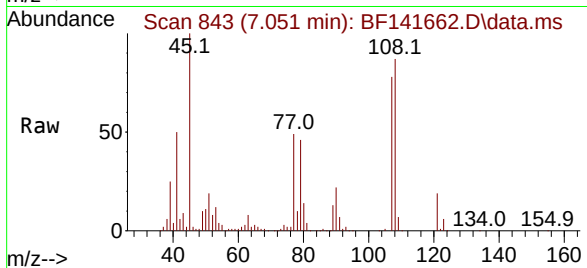




#17
2-Methylphenol
Concen: 44.895 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

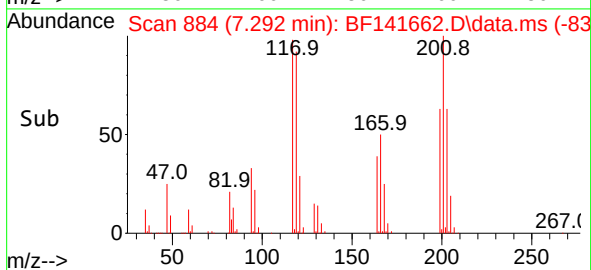
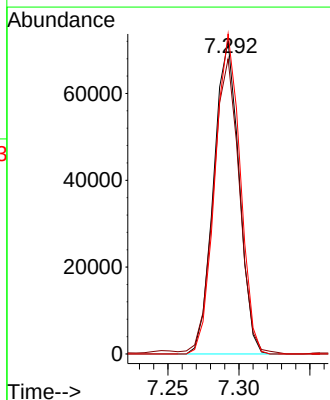
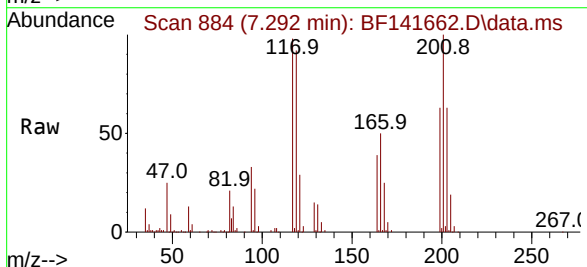
Instrument :
BNA_F
ClientSampleId :
VB27161MS

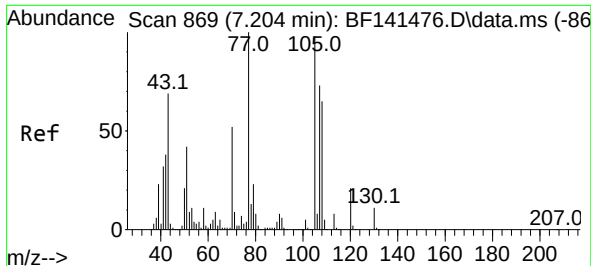
Tgt Ion:	107	Resp:	189509
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.6	136.0
77	63.1	44.4	66.6
79	59.4	42.3	63.5



#18
Hexachloroethane
Concen: 41.380 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:	117	Resp:	89102
Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.5	114.7
201	102.3	76.7	115.1

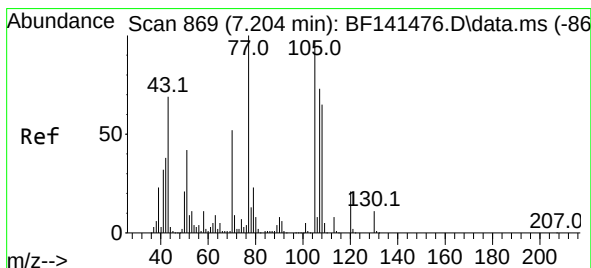
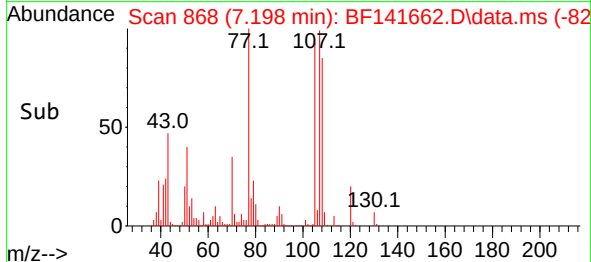
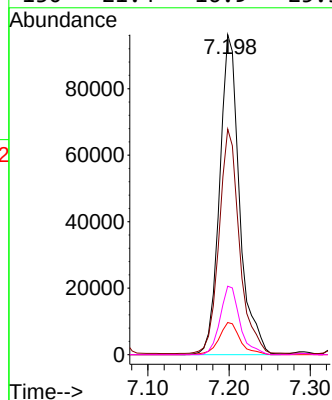
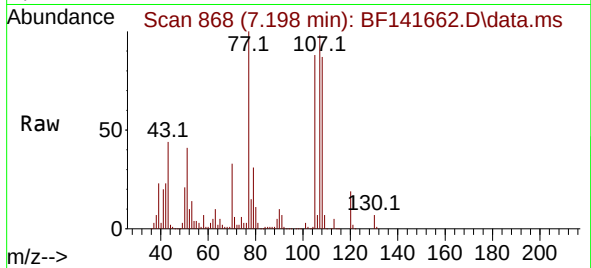




#19
n-Nitroso-di-n-propylamine
Concen: 43.596 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

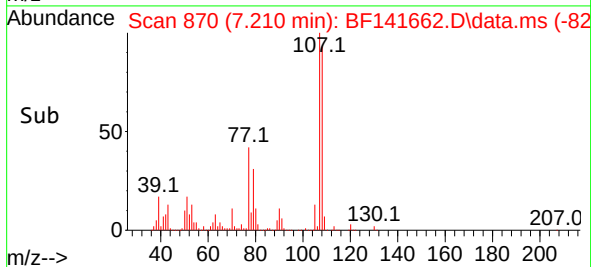
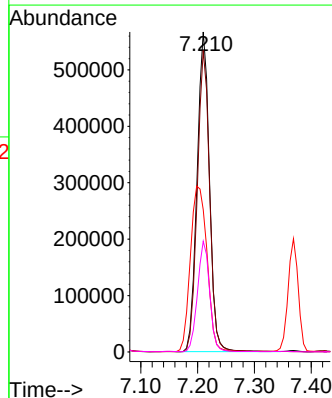
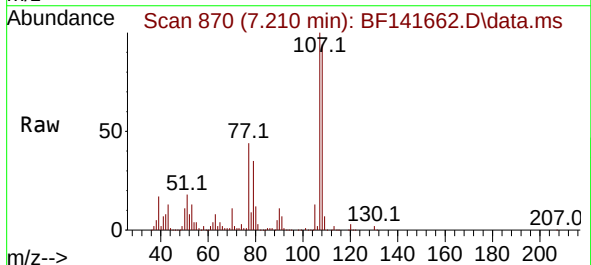
Instrument :
BNA_F
ClientSampleId :
VB27161MS

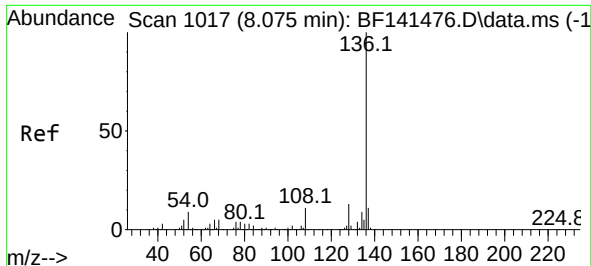
Tgt Ion: 70 Resp: 164535
Ion Ratio Lower Upper
70 100
42 70.5 57.4 86.2
101 10.0 8.0 12.0
130 21.4 16.9 25.3



#20
3+4-Methylphenols
Concen: 160.946 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion: 107 Resp: 863383
Ion Ratio Lower Upper
107 100
108 94.2 68.5 108.5
77 44.4 116.5 156.5#
79 34.6 12.0 52.0

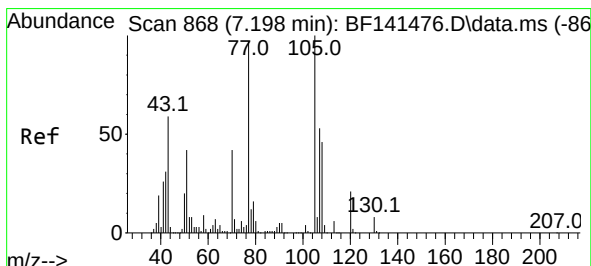
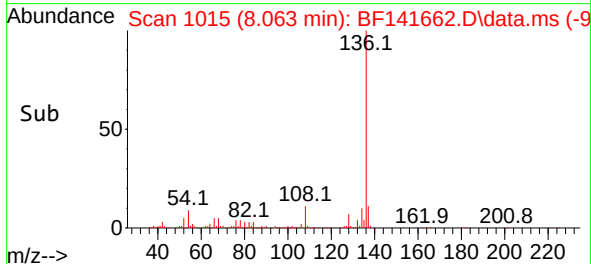
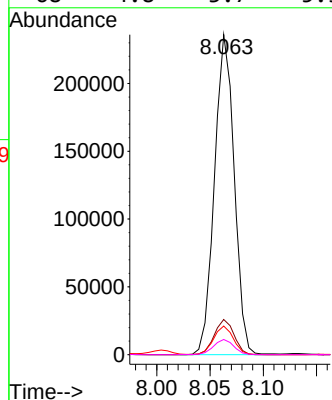
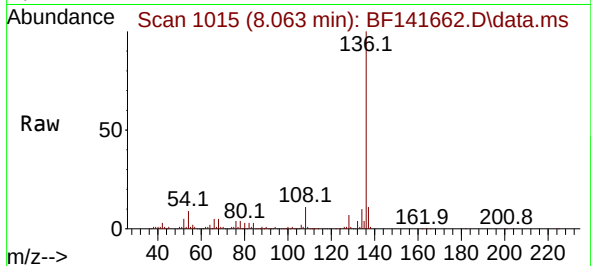




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

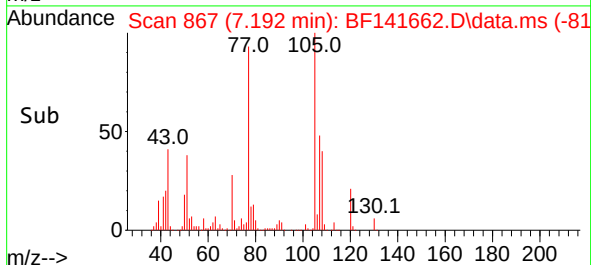
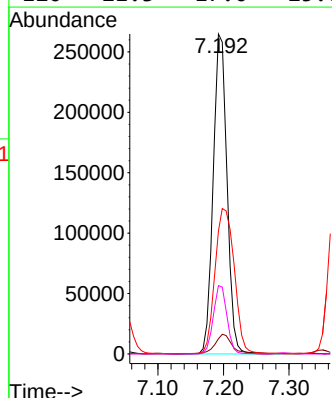
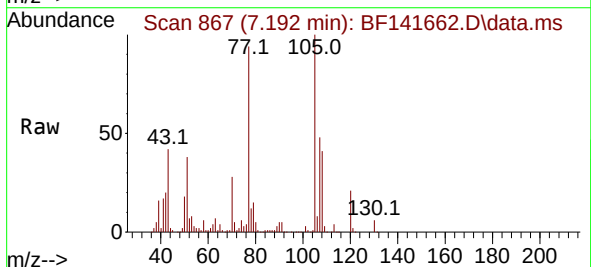
Instrument :
BNA_F
ClientSampleId :
VB27161MS

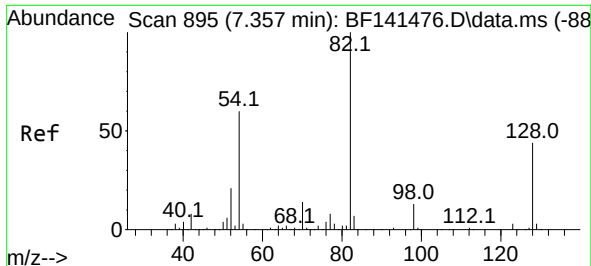
Tgt Ion:136 Resp: 303735
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.2 10.8
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 51.467 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:105 Resp: 388859
Ion Ratio Lower Upper
105 100
71 4.7 5.7 8.5#
51 38.4 33.7 50.5
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 98.686 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

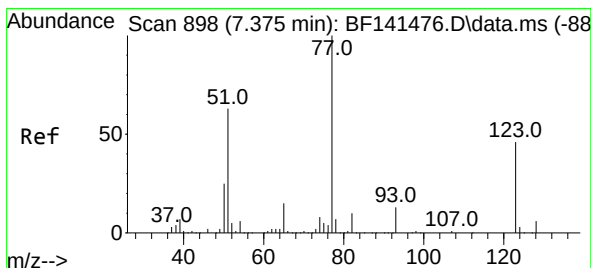
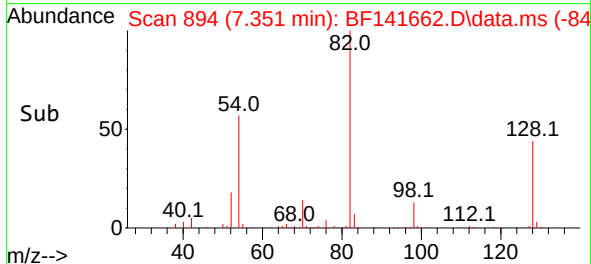
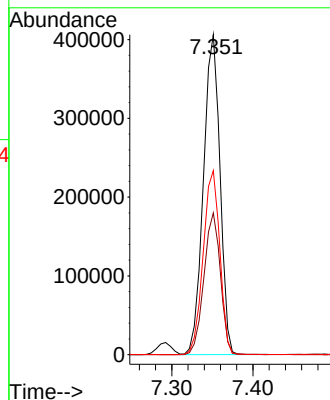
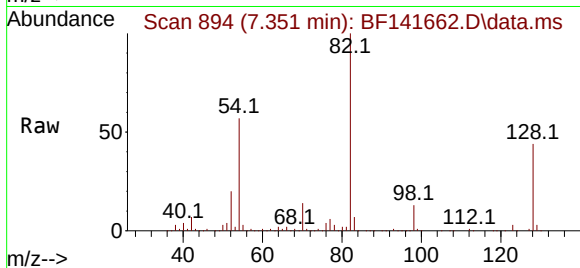
Tgt Ion: 82 Resp: 574684

Ion Ratio Lower Upper

82 100

128 44.3 34.8 52.2

54 57.5 48.2 72.4



#24

Nitrobenzene

Concen: 43.591 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

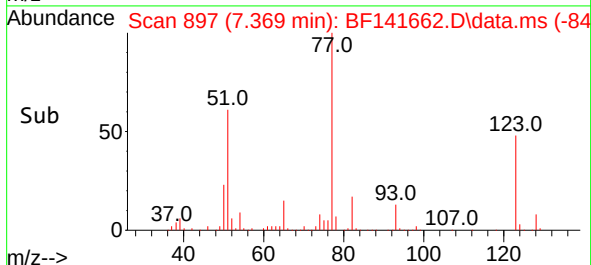
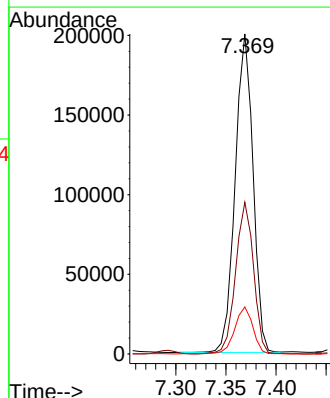
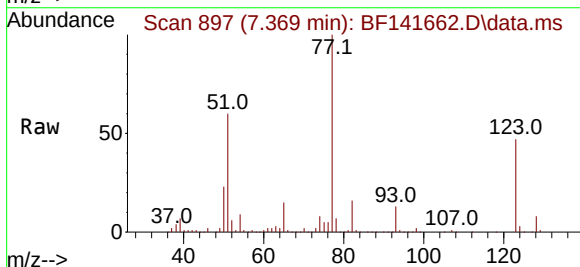
Tgt Ion: 77 Resp: 247528

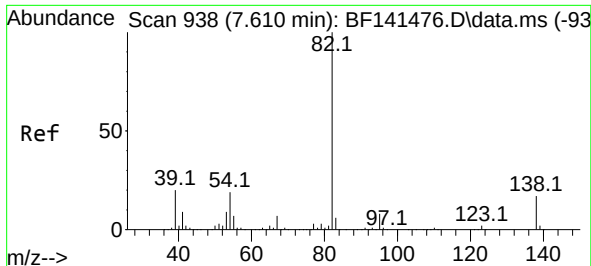
Ion Ratio Lower Upper

77 100

123 47.4 36.9 55.3

65 14.7 11.9 17.9

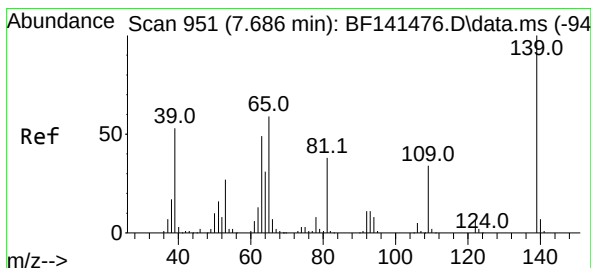
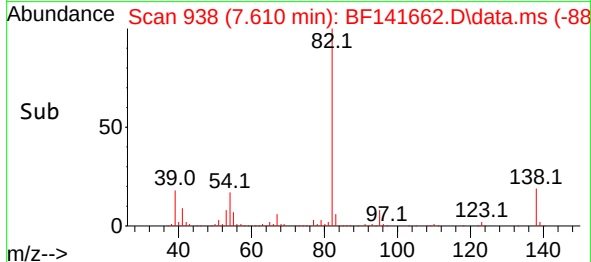
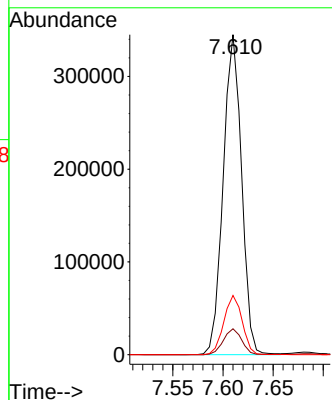
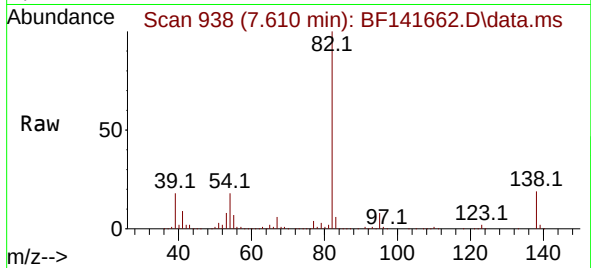




#25
Isophorone
Concen: 47.351 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

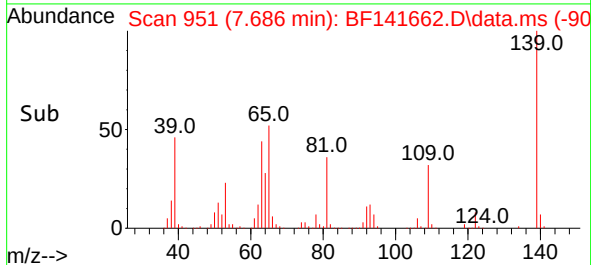
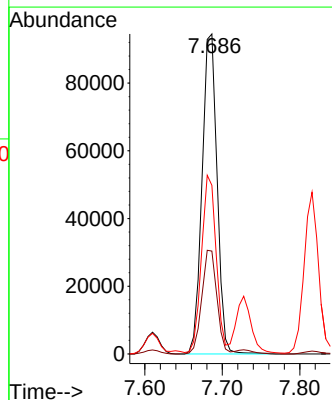
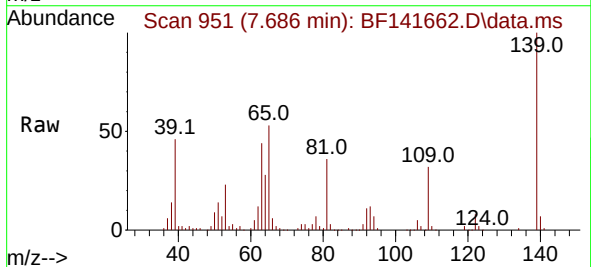
Instrument :
BNA_F
ClientSampleId :
VB27161MS

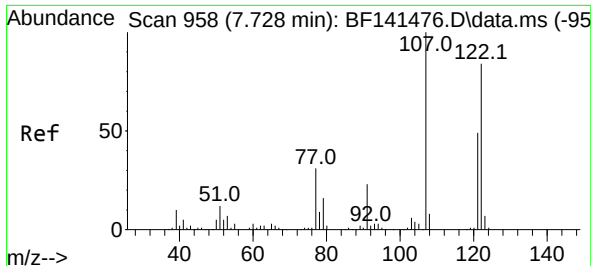
Tgt Ion: 82 Resp: 439662
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.5 13.9 20.9



#26
2-Nitrophenol
Concen: 45.058 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:139 Resp: 127296
Ion Ratio Lower Upper
139 100
109 32.2 27.0 40.6
65 52.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 64.018 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

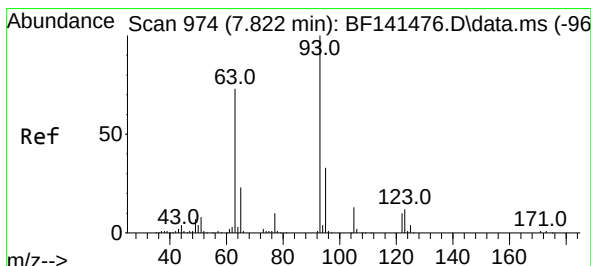
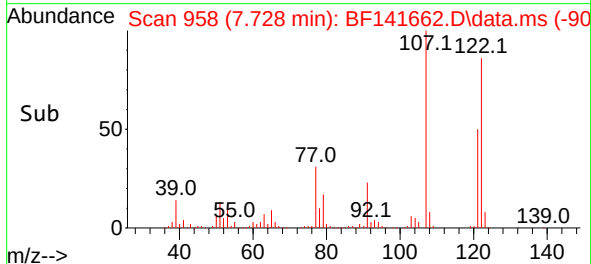
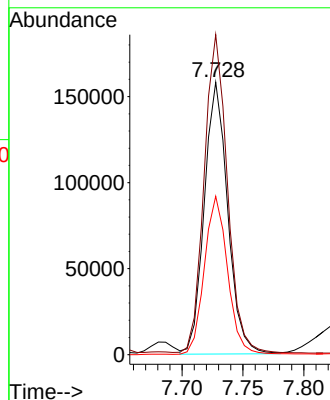
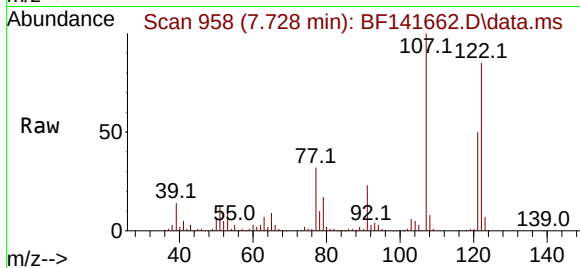
Tgt Ion:122 Resp: 211285

Ion Ratio Lower Upper

122 100

107 117.5 94.3 141.5

121 58.2 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.306 ng

RT: 7.816 min Scan# 973

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

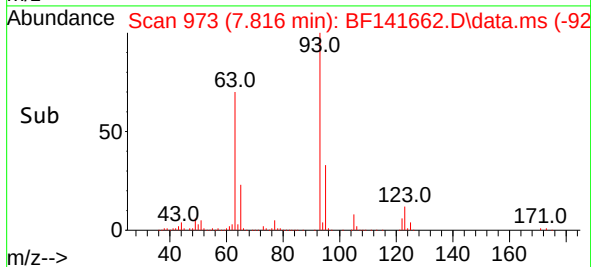
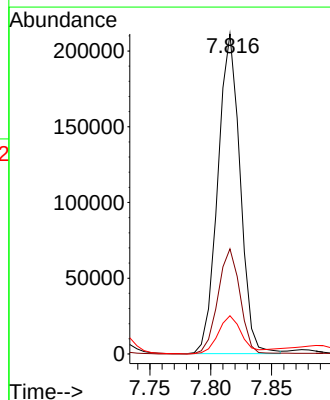
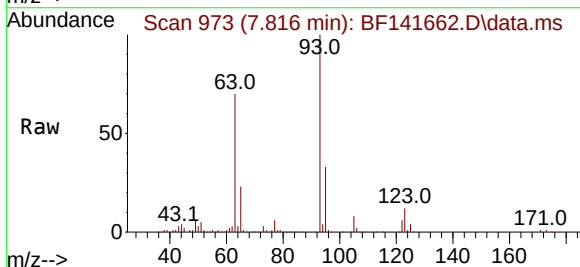
Tgt Ion: 93 Resp: 269558

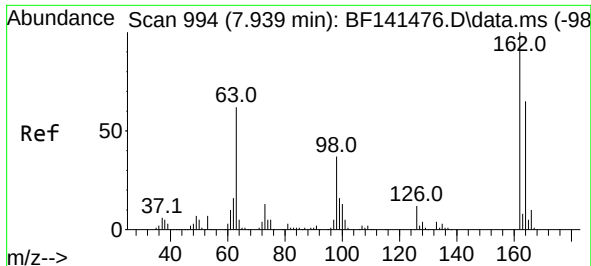
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 11.9 9.5 14.3

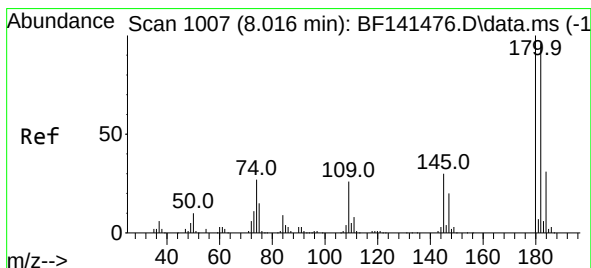
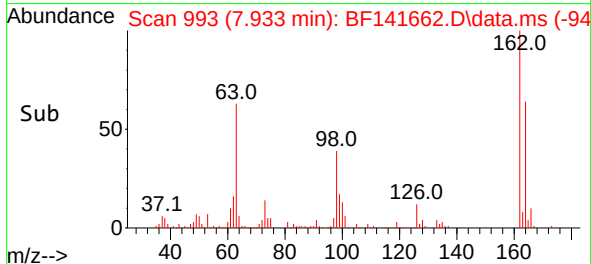
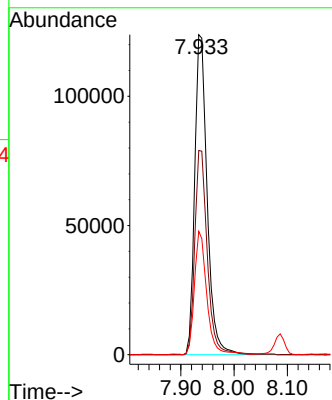
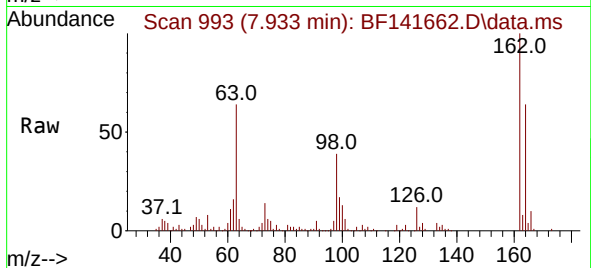




#29
2,4-Dichlorophenol
Concen: 45.186 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

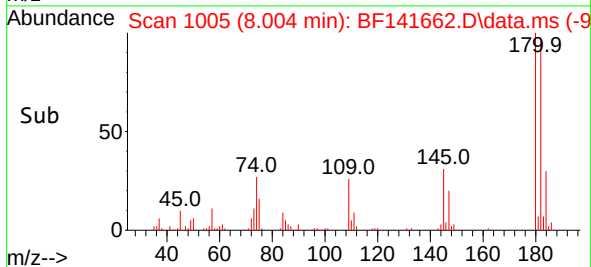
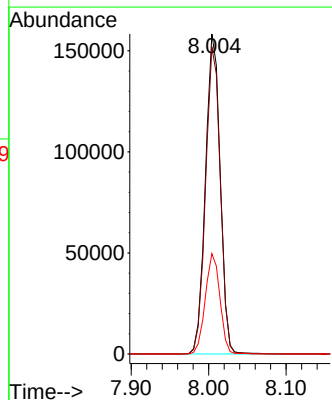
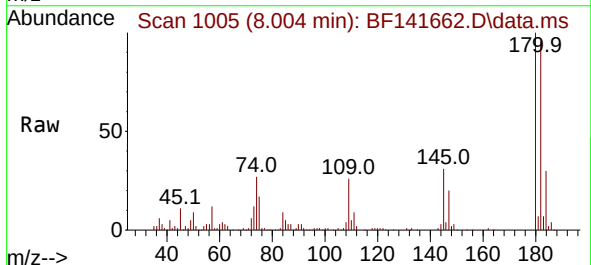
Instrument :
BNA_F
ClientSampleId :
VB27161MS

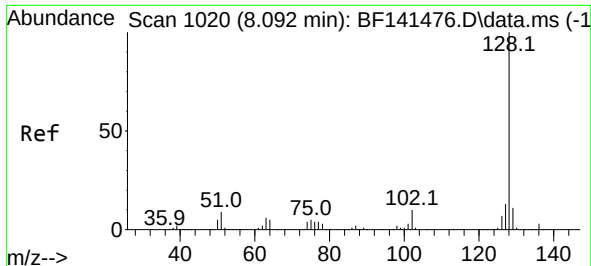
Tgt Ion:162 Resp: 201498
Ion Ratio Lower Upper
162 100
164 63.8 44.6 84.6
98 38.6 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 43.120 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:180 Resp: 209391
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 31.4 24.2 36.4

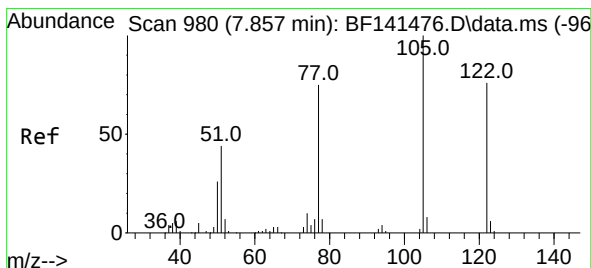
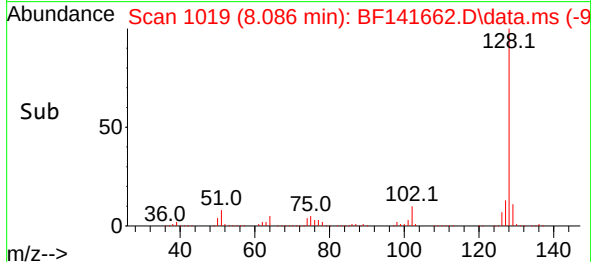
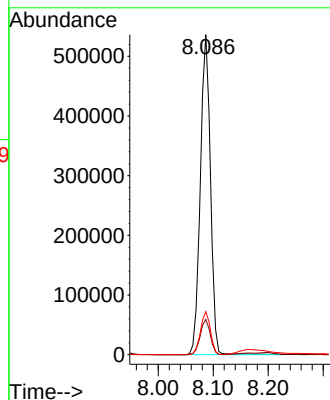
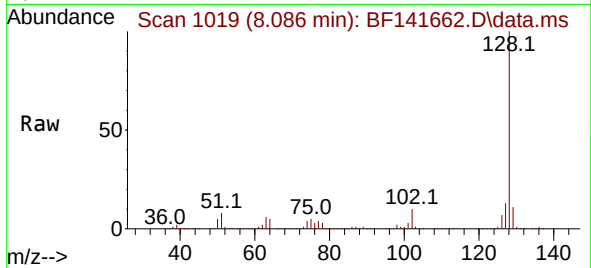




#31
Naphthalene
Concen: 43.522 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

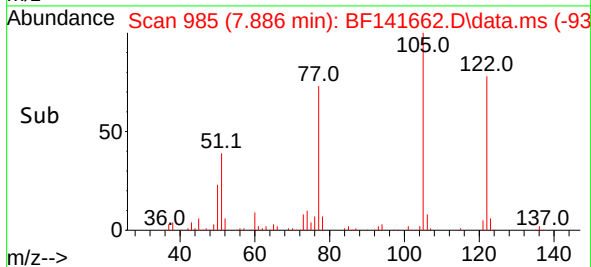
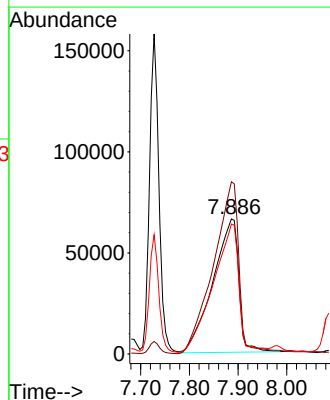
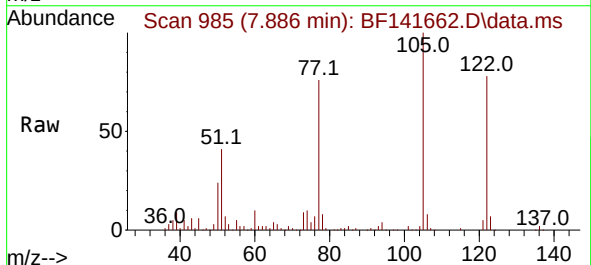
Instrument :
BNA_F
ClientSampleId :
VB27161MS

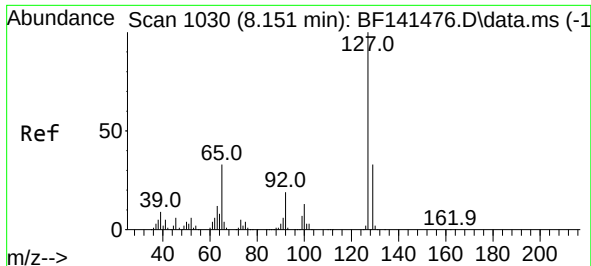
Tgt Ion:128 Resp: 688112
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 71.341 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.006 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:122 Resp: 244566
Ion Ratio Lower Upper
122 100
105 127.4 106.5 146.5
77 96.3 76.3 116.3

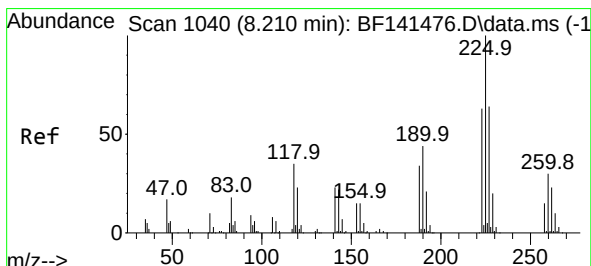
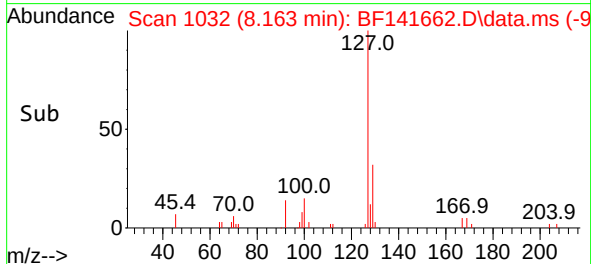
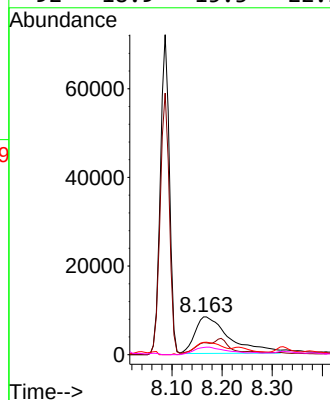
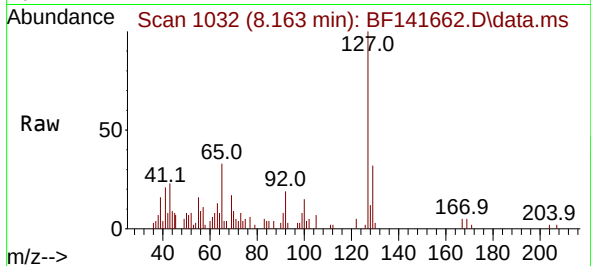




#33
4-Chloroaniline
Concen: 7.194 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

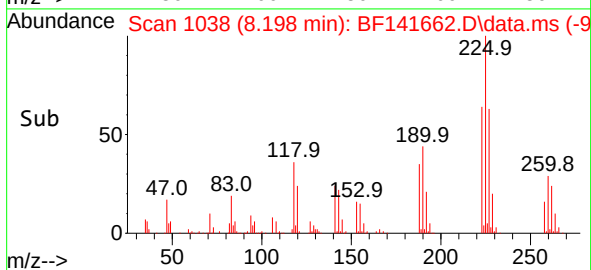
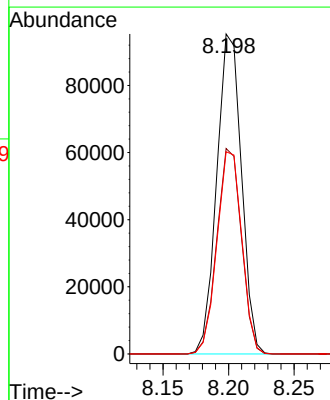
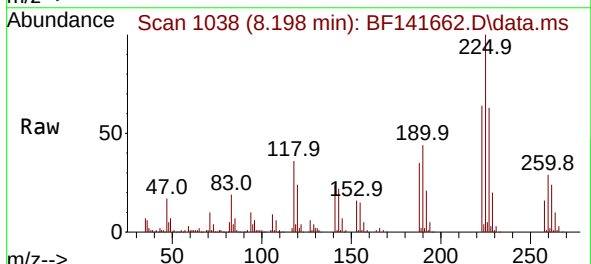
Instrument :
BNA_F
ClientSampleId :
VB27161MS

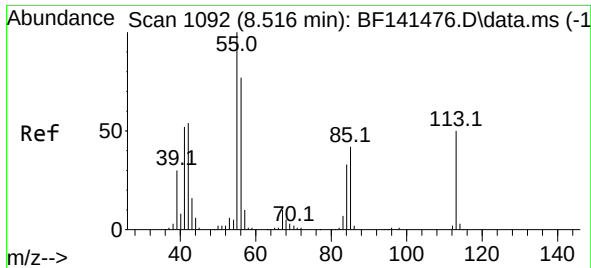
Tgt Ion:	127	Resp:	39712
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.5	39.7
65	32.7	26.4	39.6
92	18.9	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.830 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:	225	Resp:	124860
Ion Ratio	Lower	Upper	
225	100		
223	64.2	50.1	75.1
227	63.2	51.0	76.6

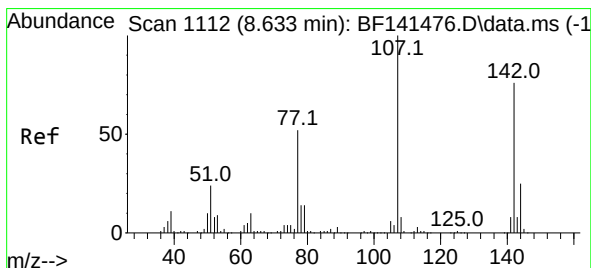
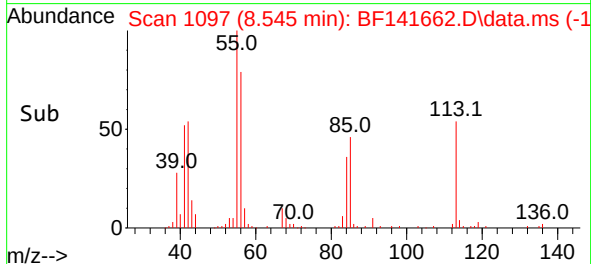
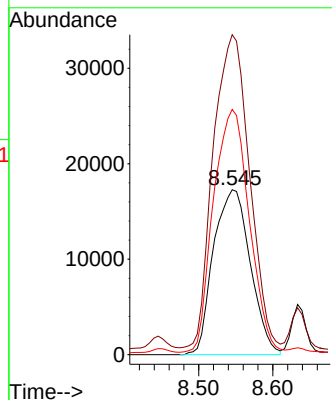
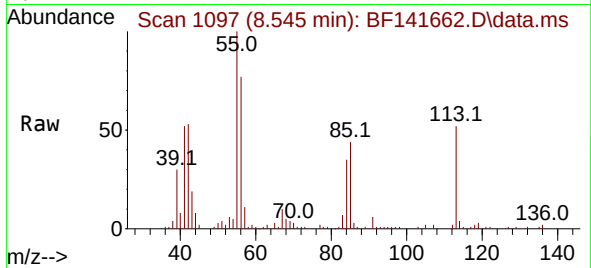




#35
 Caprolactam
 Concen: 43.854 ng
 RT: 8.545 min Scan# 1097
 Delta R.T. 0.000 min
 Lab File: BF141662.D
 Acq: 18 Feb 2025 15:31

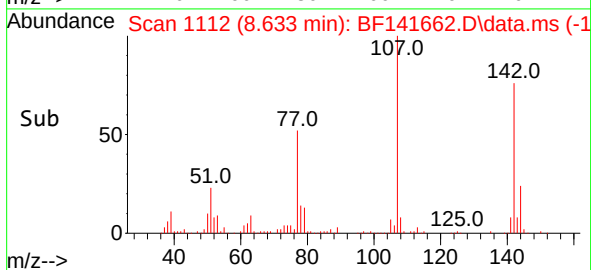
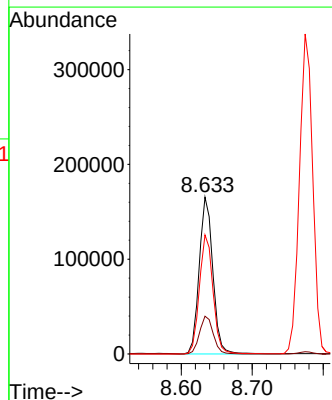
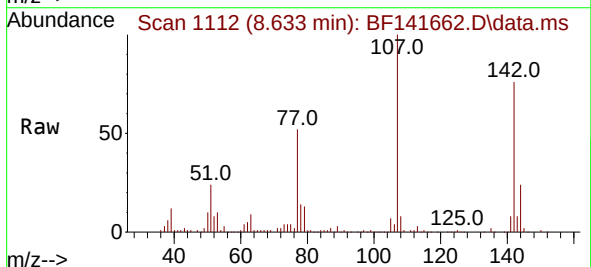
Instrument :
 BNA_F
 ClientSampleId :
 VB27161MS

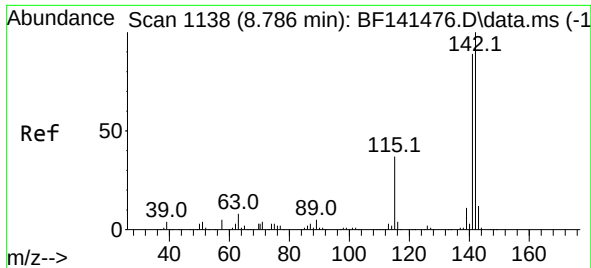
Tgt Ion:113 Resp: 59541
 Ion Ratio Lower Upper
 113 100
 55 194.1 180.8 220.8
 56 148.8 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.941 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141662.D
 Acq: 18 Feb 2025 15:31

Tgt Ion:107 Resp: 221989
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.7 29.5
 142 75.9 60.8 91.2

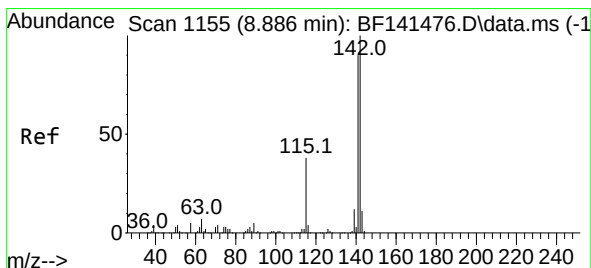
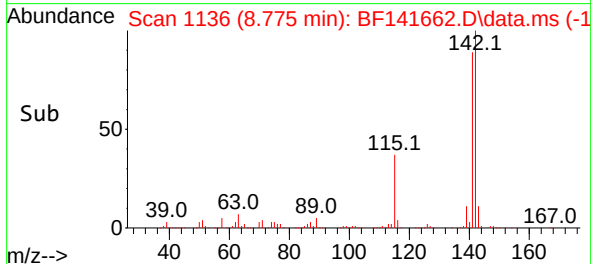
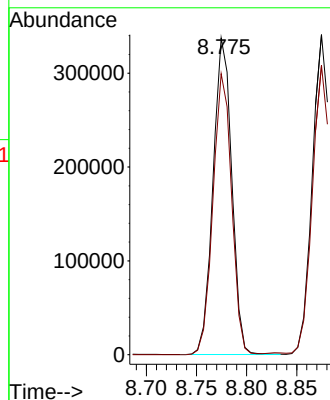
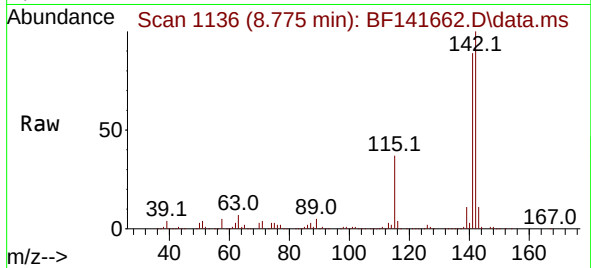




#37
2-Methylnaphthalene
Concen: 42.506 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

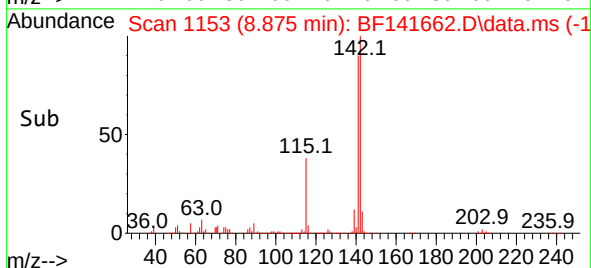
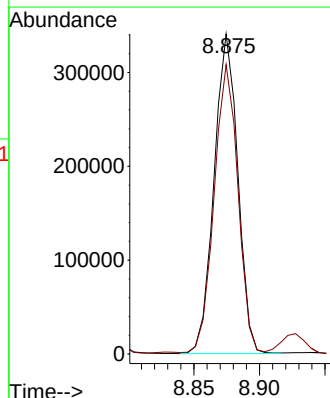
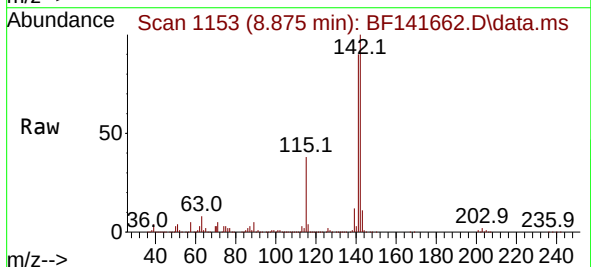
Instrument :
BNA_F
ClientSampleId :
VB27161MS

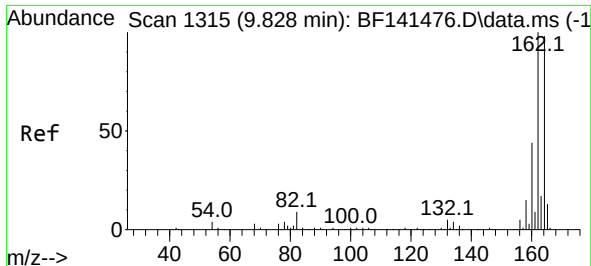
Tgt Ion:142 Resp: 437317
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8



#38
1-Methylnaphthalene
Concen: 42.967 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:142 Resp: 428147
Ion Ratio Lower Upper
142 100
141 90.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.018 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

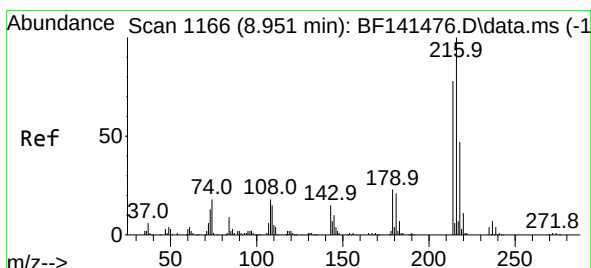
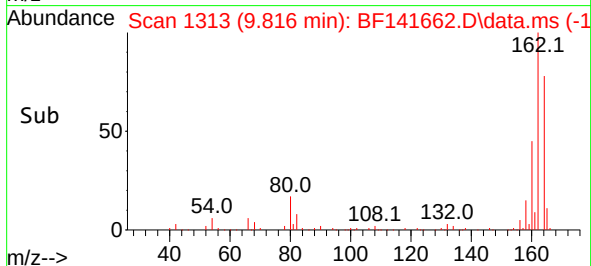
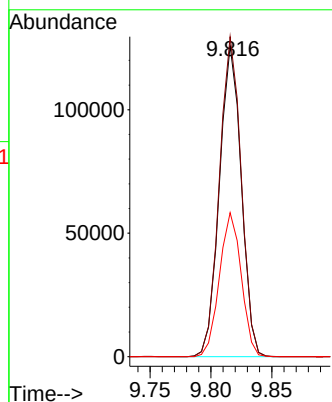
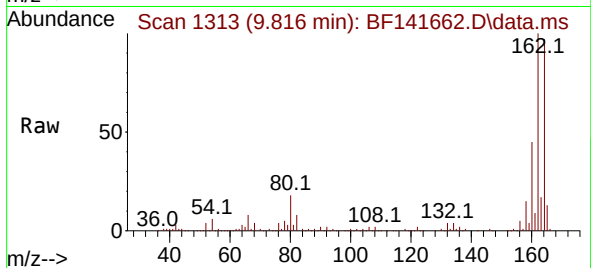
Tgt Ion:164 Resp: 156984

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

160 46.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.632 ng

RT: 8.945 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Tgt Ion:216 Resp: 234499

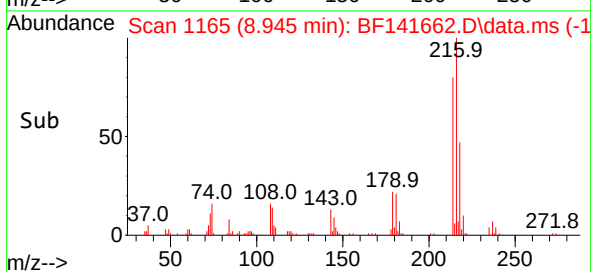
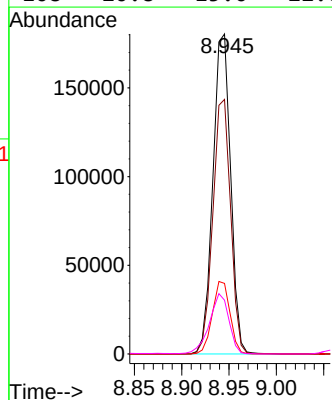
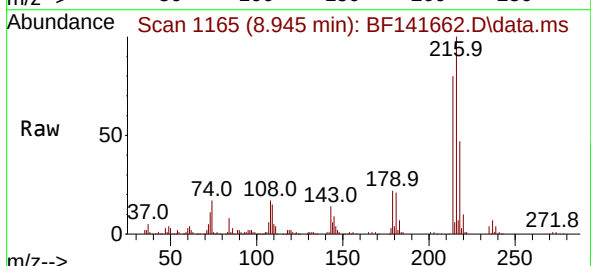
Ion Ratio Lower Upper

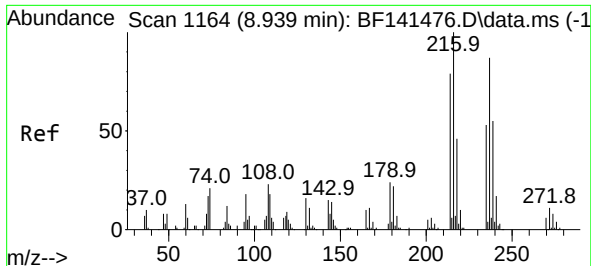
216 100

214 79.8 62.3 93.5

179 22.5 18.0 27.0

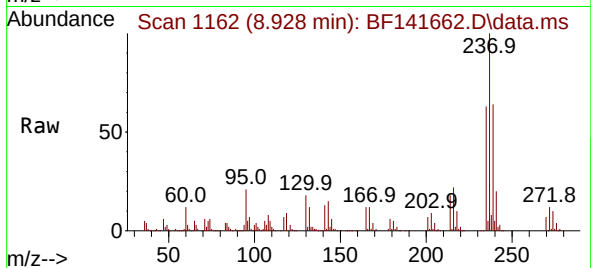
108 20.8 15.0 22.6



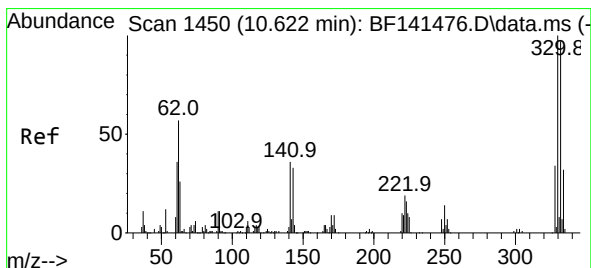
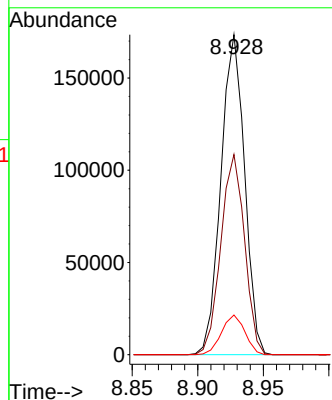
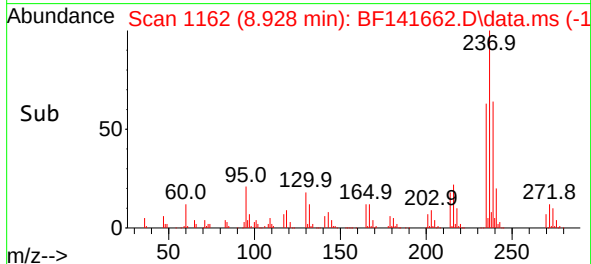


#41
Hexachlorocyclopentadiene
Concen: 144.059 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

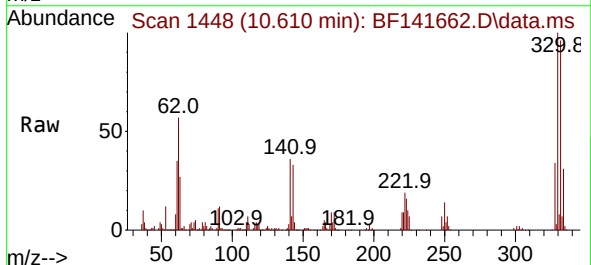
Instrument :
BNA_F
ClientSampleId :
VB27161MS



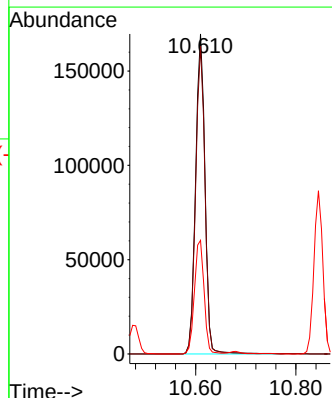
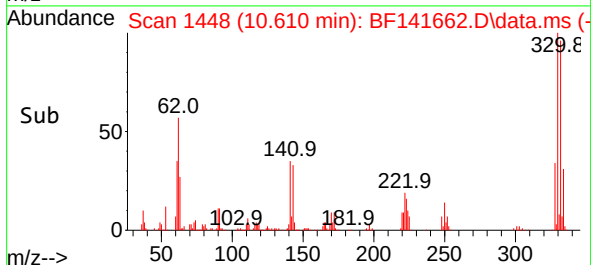
Tgt Ion:237 Resp: 217618
Ion Ratio Lower Upper
237 100
235 62.5 41.4 81.4
272 12.4 0.0 32.4

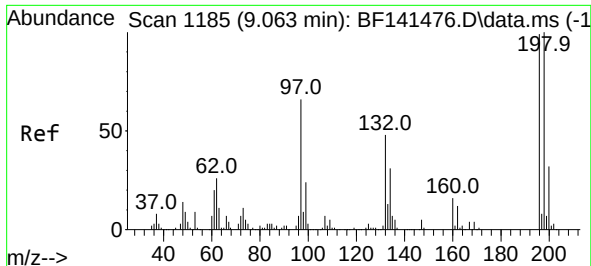


#42
2,4,6-Tribromophenol
Concen: 139.506 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31



Tgt Ion:330 Resp: 219997
Ion Ratio Lower Upper
330 100
332 95.7 78.5 117.7
141 36.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 46.924 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

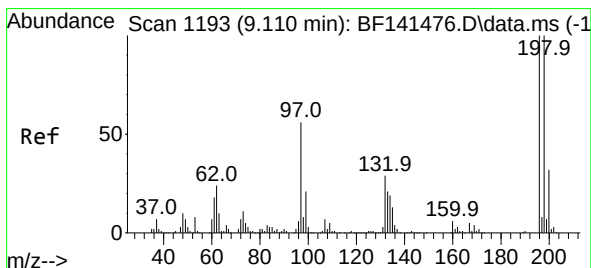
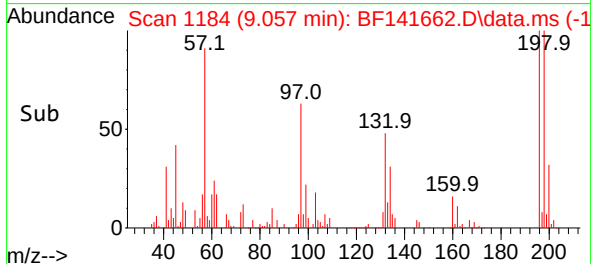
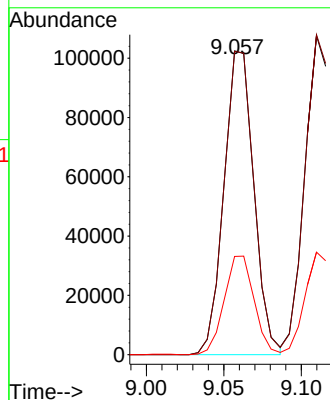
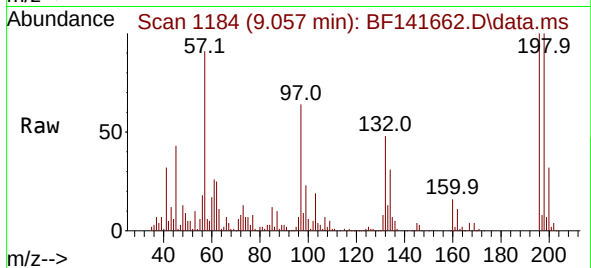
Tgt Ion:196 Resp: 137741

Ion Ratio Lower Upper

196 100

198 99.8 80.6 121.0

200 32.3 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 47.585 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Tgt Ion:196 Resp: 151380

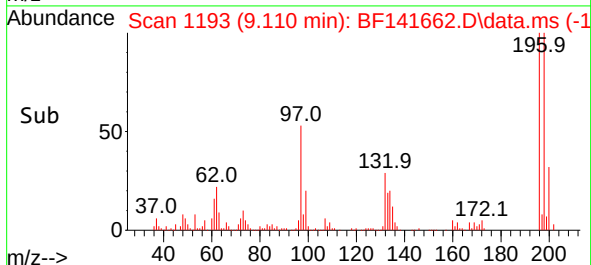
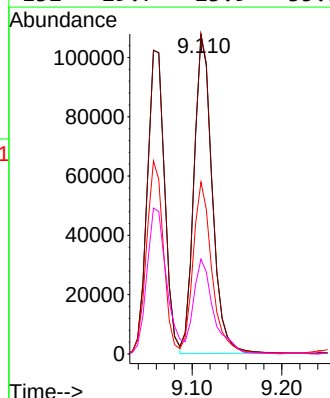
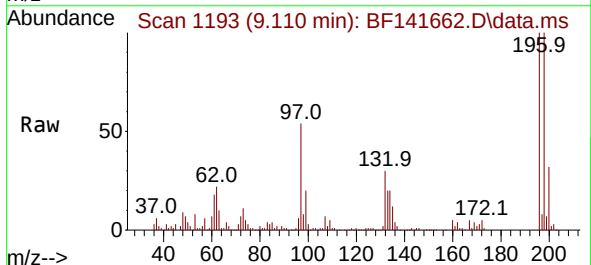
Ion Ratio Lower Upper

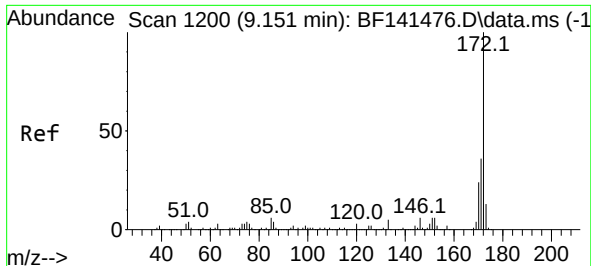
196 100

198 100.4 79.8 119.8

97 53.9 44.8 67.2

132 29.7 23.9 35.9

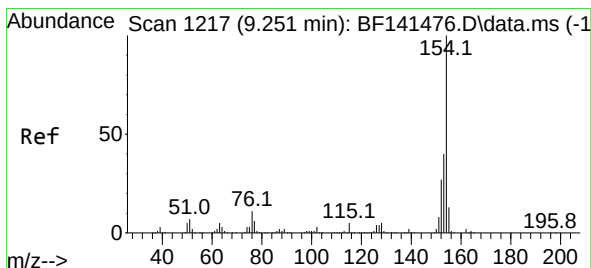
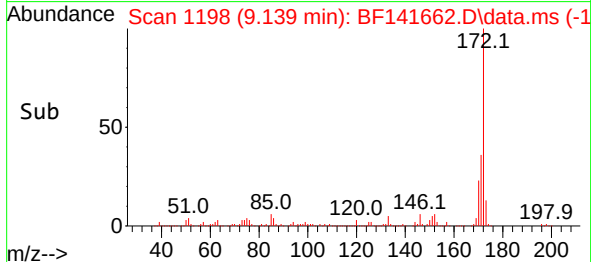
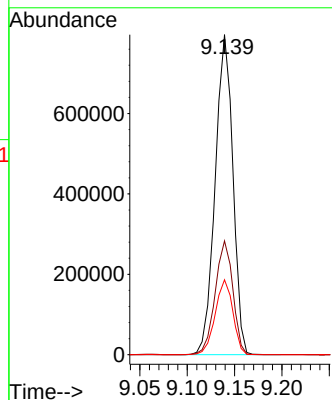
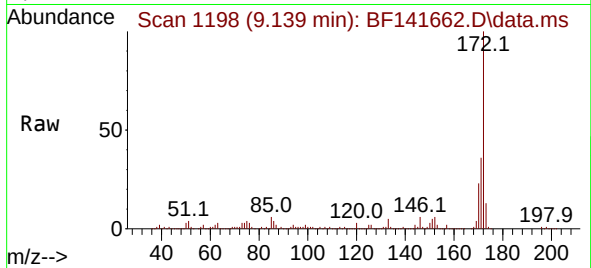




#45
2-Fluorobiphenyl
Concen: 101.692 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

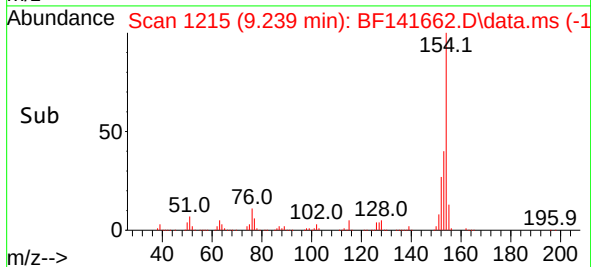
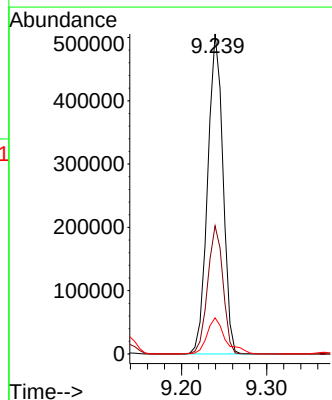
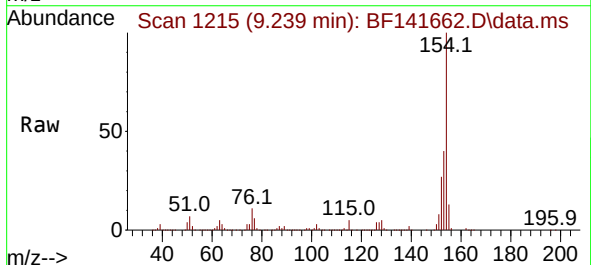
Instrument :
BNA_F
ClientSampleId :
VB27161MS

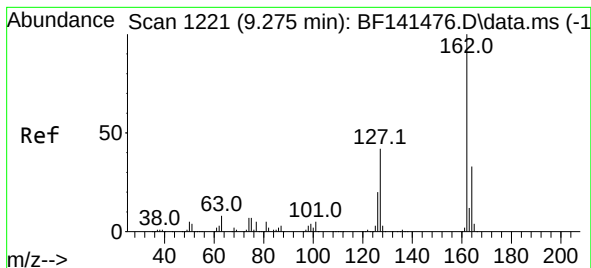
Tgt Ion:172 Resp: 1036194
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 51.784 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:154 Resp: 630249
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.3 0.0 30.8





#47

2-Chloronaphthalene

Concen: 47.111 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

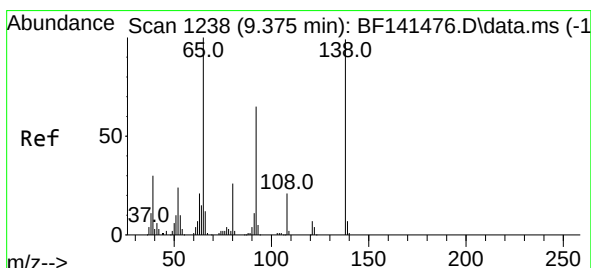
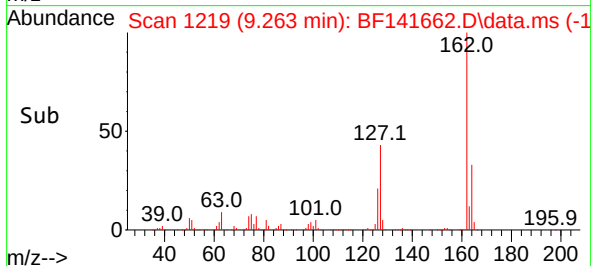
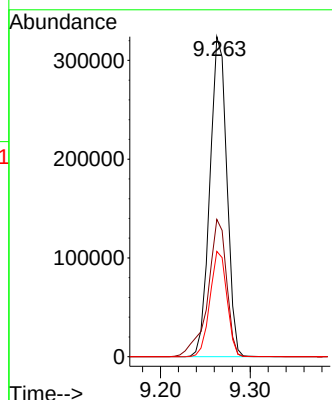
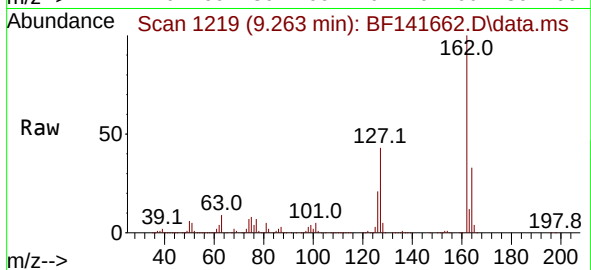
Tgt Ion:162 Resp: 423991

Ion Ratio Lower Upper

162 100

127 42.9 34.1 51.1

164 32.9 26.3 39.5



#48

2-Nitroaniline

Concen: 45.660 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

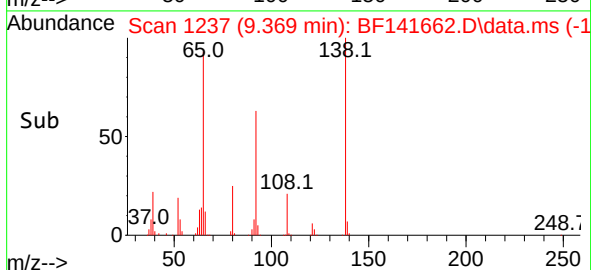
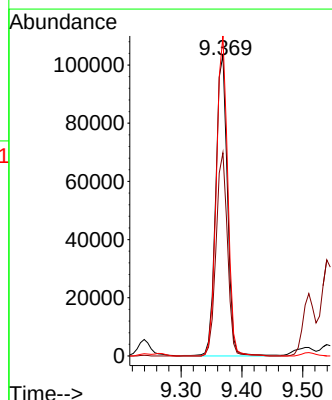
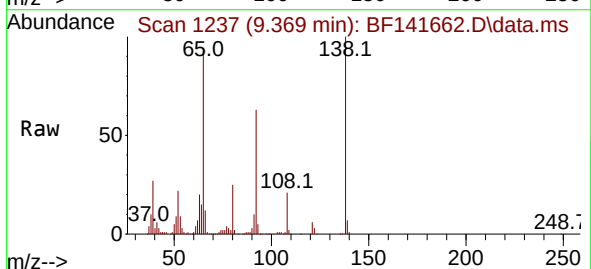
Tgt Ion: 65 Resp: 137910

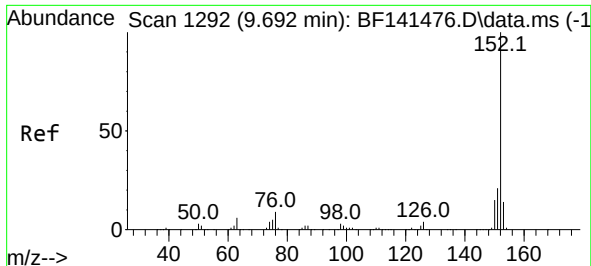
Ion Ratio Lower Upper

65 100

92 67.5 52.2 78.2

138 106.3 79.5 119.3

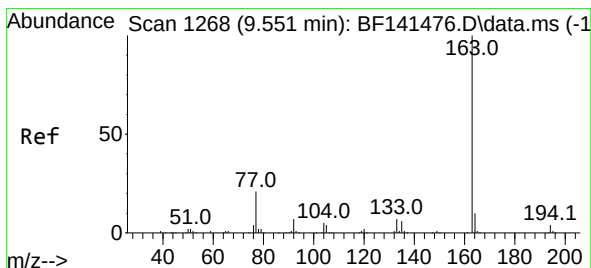
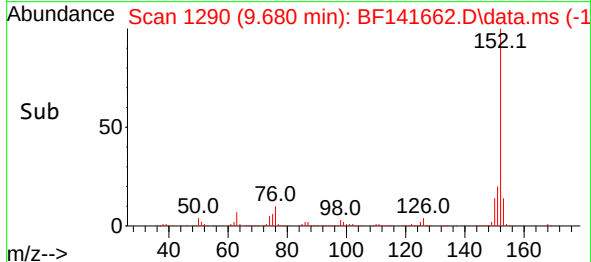
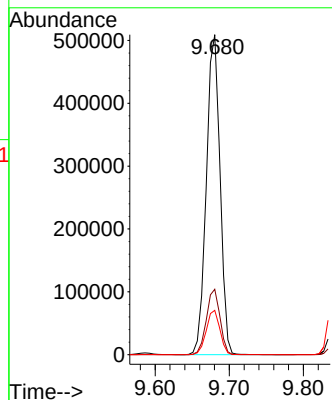
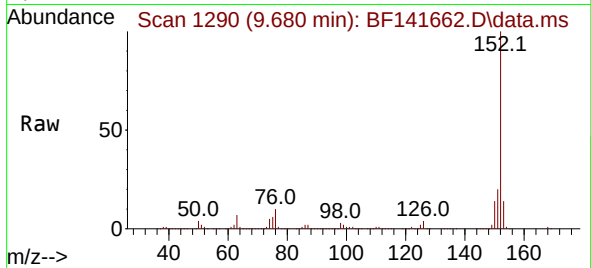




#49
Acenaphthylene
Concen: 48.801 ng
RT: 9.680 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

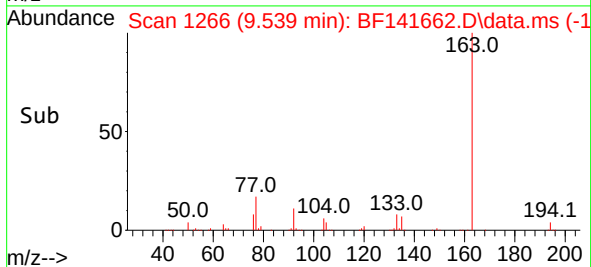
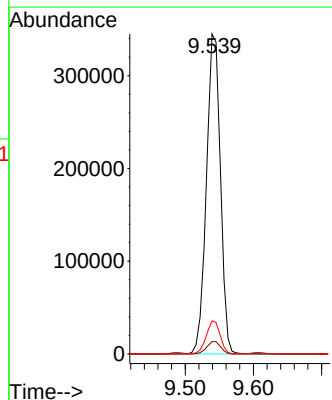
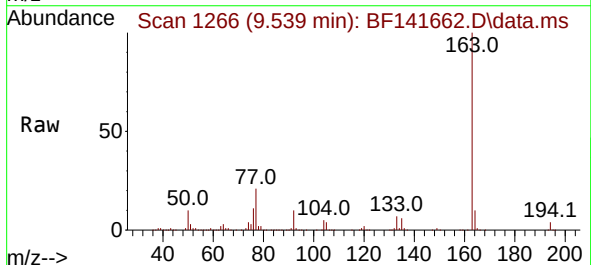
Instrument :
BNA_F
ClientSampleId :
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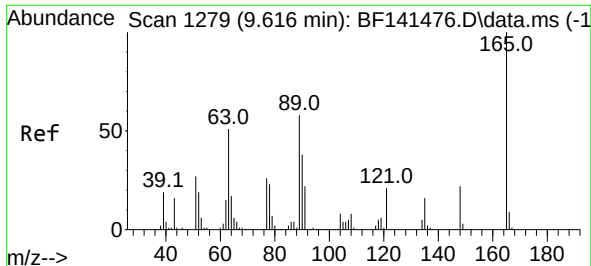
Tgt Ion:152 Resp: 653260
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.9 10.9 16.3



#50
Dimethylphthalate
Concen: 46.276 ng
RT: 9.539 min Scan# 1266
Delta R.T. -0.024 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:163 Resp: 493173
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 7.9 11.9

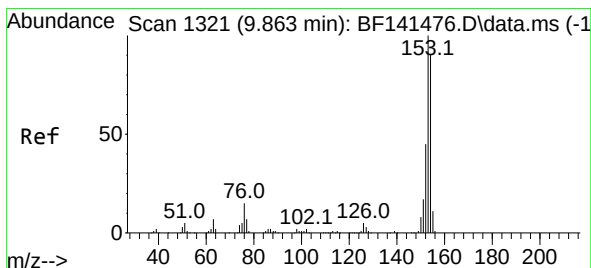
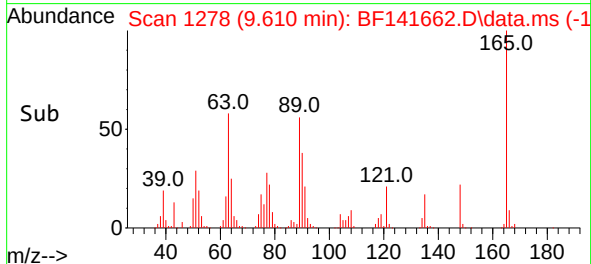
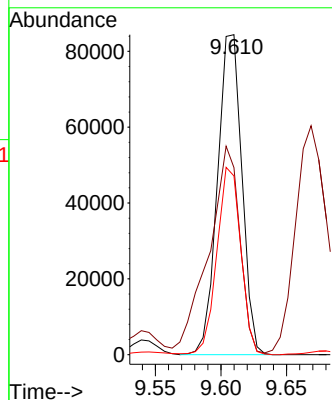
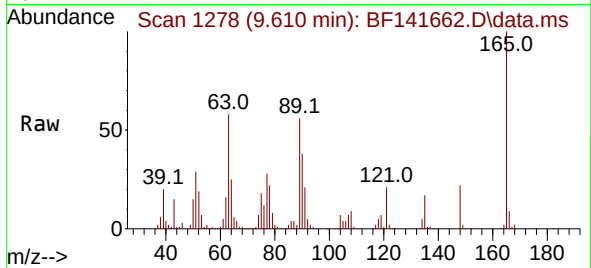




#51
2,6-Dinitrotoluene
Concen: 46.982 ng
RT: 9.610 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

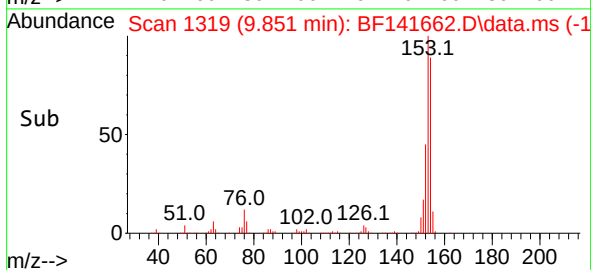
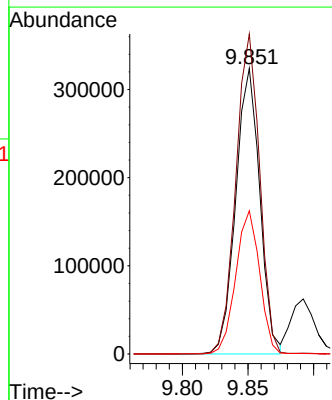
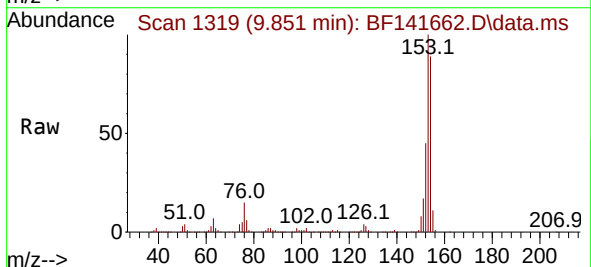
Instrument :
BNA_F
ClientSampleId :
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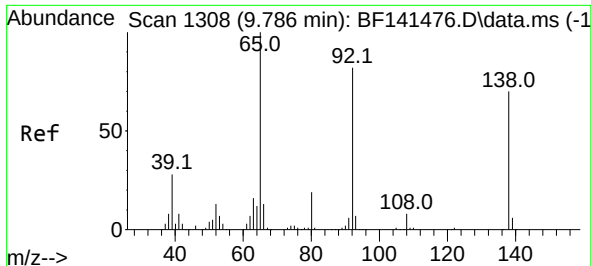
Tgt Ion:165 Resp: 109455
Ion Ratio Lower Upper
165 100
63 58.4 49.4 74.0
89 55.9 46.5 69.7



#52
Acenaphthene
Concen: 46.050 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:154 Resp: 414422
Ion Ratio Lower Upper
154 100
153 112.1 89.2 133.8
152 50.1 39.8 59.8

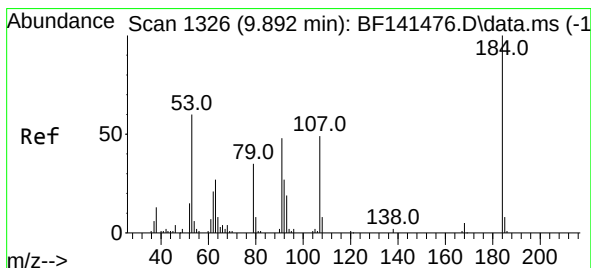
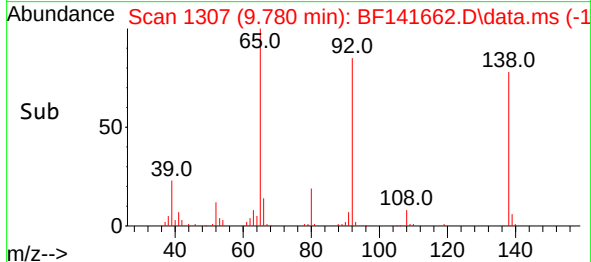
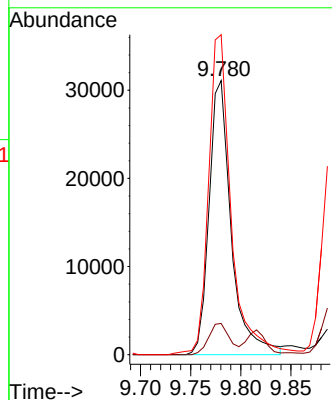
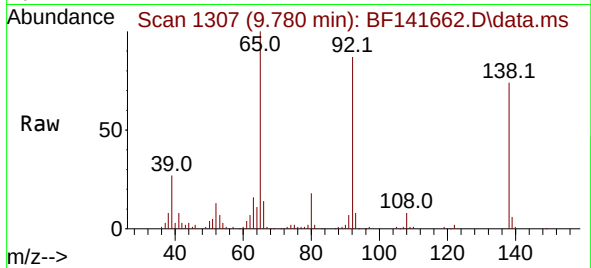




#53
3-Nitroaniline
Concen: 19.085 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

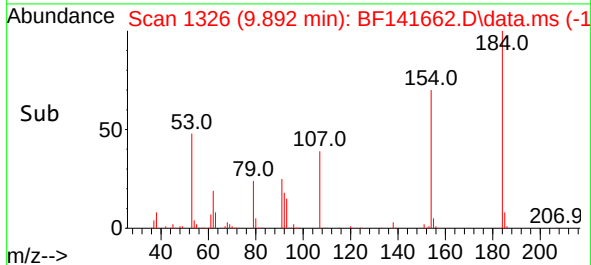
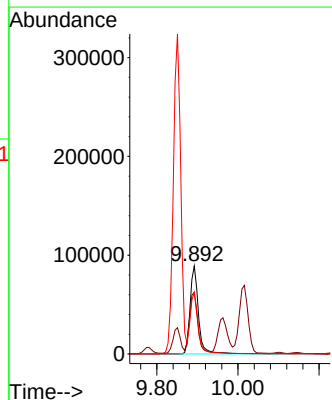
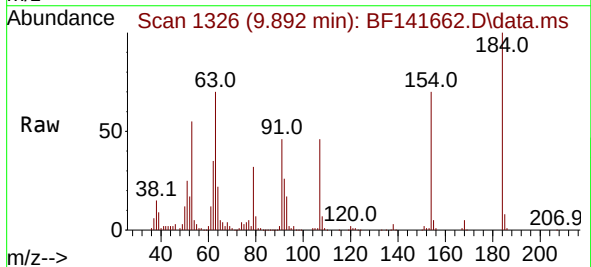
Instrument :
BNA_F
ClientSampleId :
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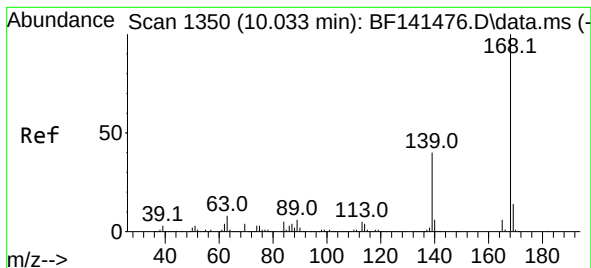
Tgt Ion:138 Resp: 47855
Ion Ratio Lower Upper
138 100
108 11.4 9.0 13.4
92 116.7 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 92.934 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:184 Resp: 128680
Ion Ratio Lower Upper
184 100
63 69.9 61.0 91.6
154 70.0 59.9 89.9

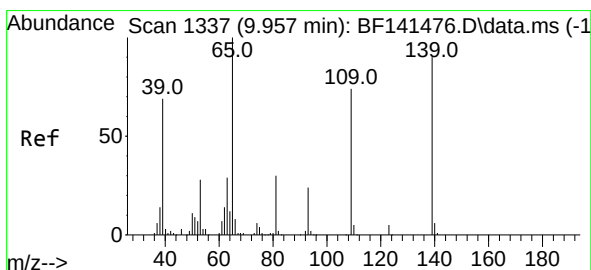
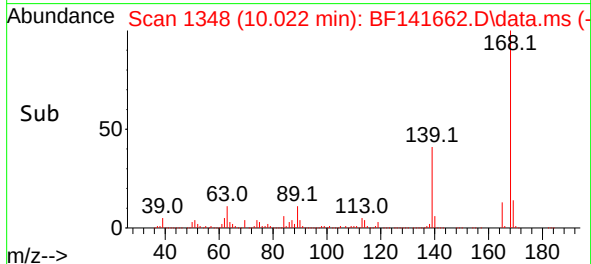
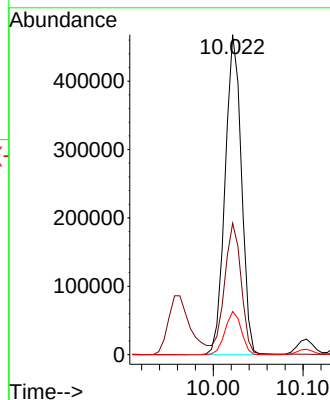
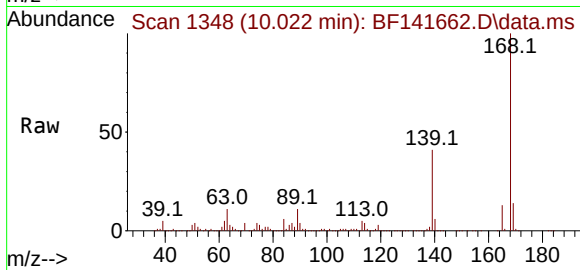




#55
Dibenzenofuran
Concen: 44.676 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

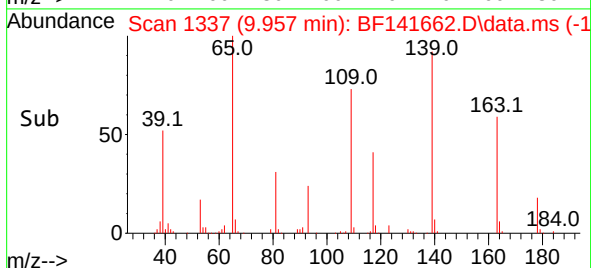
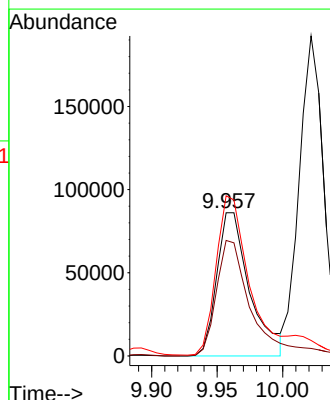
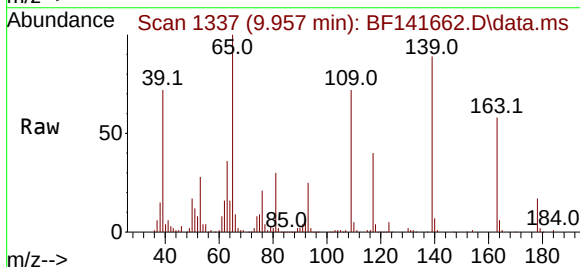
Instrument :
BNA_F
ClientSampleId :
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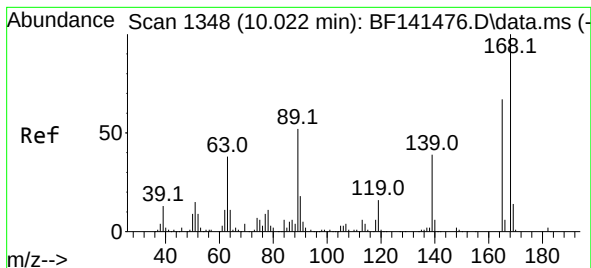
Tgt Ion:168 Resp: 590150
Ion Ratio Lower Upper
168 100
139 41.1 32.7 49.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 80.621 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:139 Resp: 150069
Ion Ratio Lower Upper
139 100
109 80.7 62.0 102.0
65 111.9 91.2 131.2

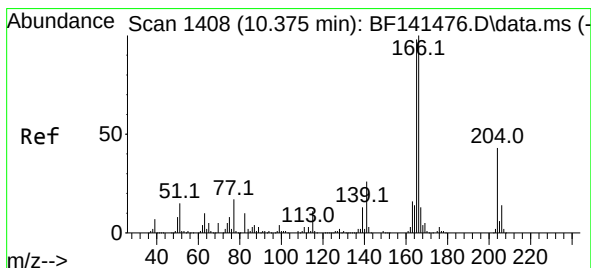
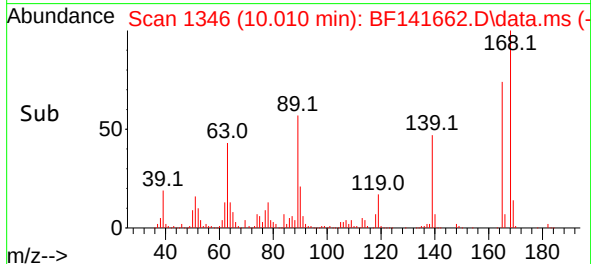
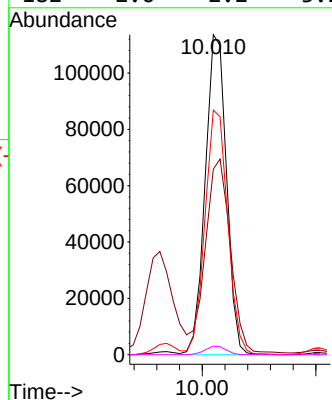
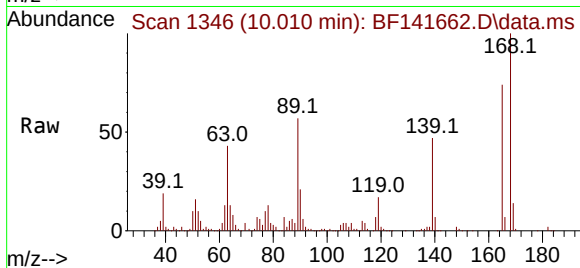




#57
2,4-Dinitrotoluene
Concen: 47.571 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

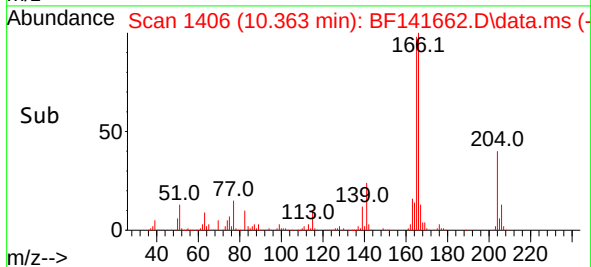
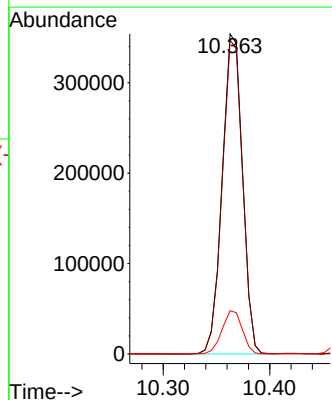
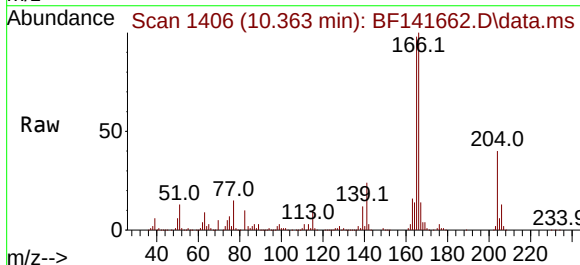
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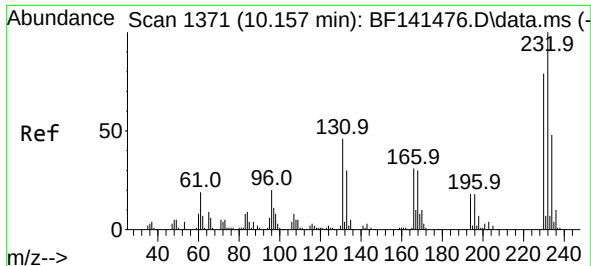
Tgt Ion:165 Resp: 147539
Ion Ratio Lower Upper
165 100
63 58.0 46.4 69.6
89 76.5 61.8 92.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 45.825 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:166 Resp: 468036
Ion Ratio Lower Upper
166 100
165 98.1 78.2 117.2
167 13.5 10.7 16.1

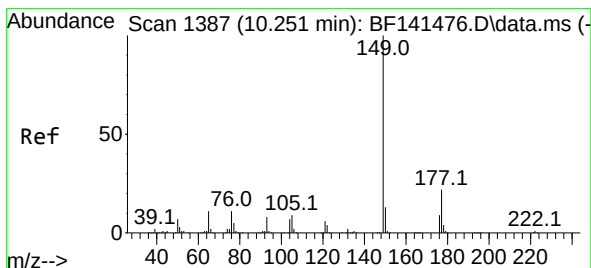
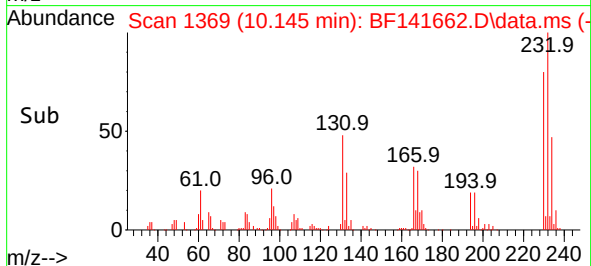
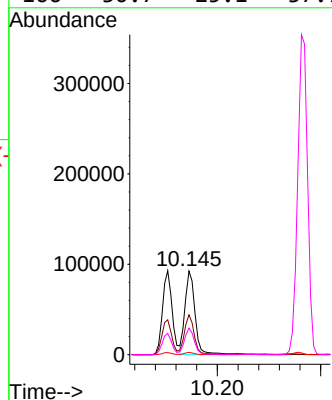
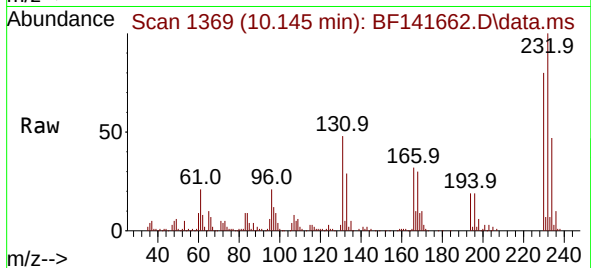




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.552 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

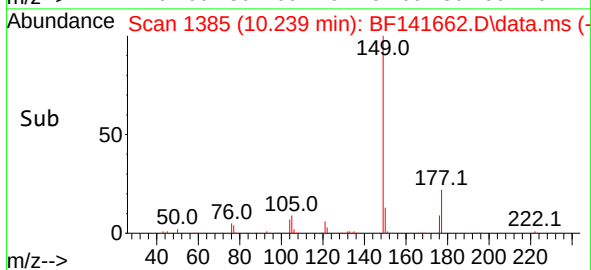
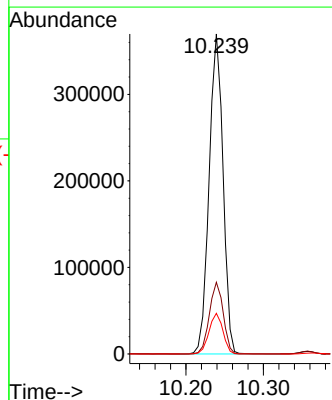
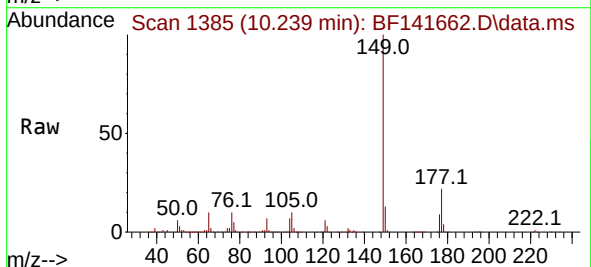
Instrument :
BNA_F
ClientSampleId :
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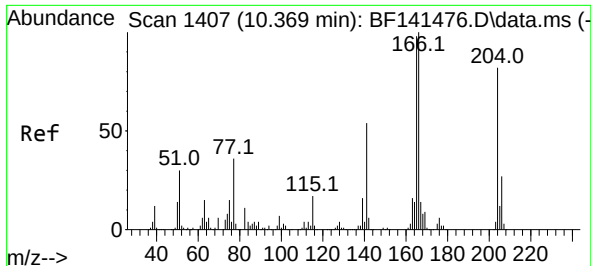
Tgt Ion:232 Resp: 124761
Ion Ratio Lower Upper
232 100
131 46.4 39.2 58.8
130 2.4 2.1 3.1
166 30.7 25.1 37.7



#60
Diethylphthalate
Concen: 44.000 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:149 Resp: 461362
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.6
150 12.7 10.1 15.1

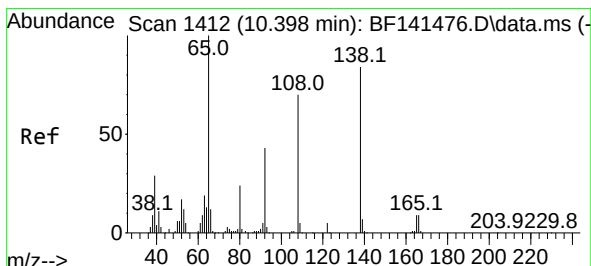
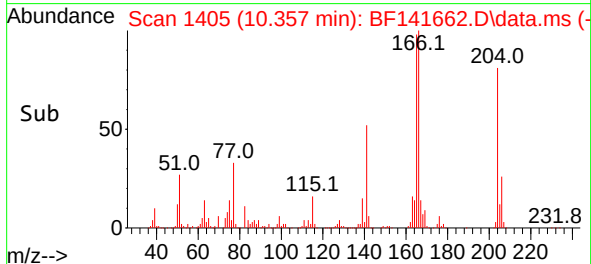
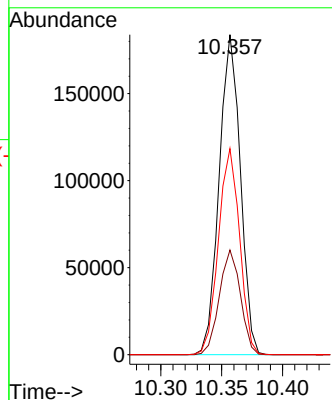
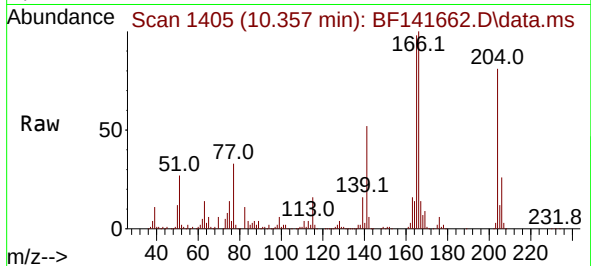




#61
4-Chlorophenyl-phenylether
Concen: 45.407 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

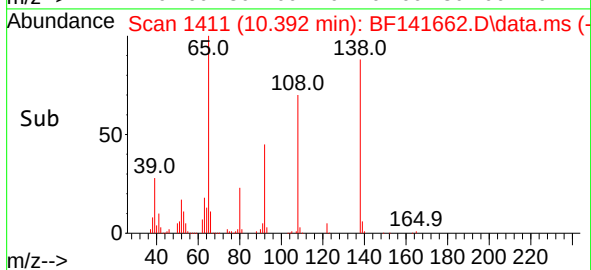
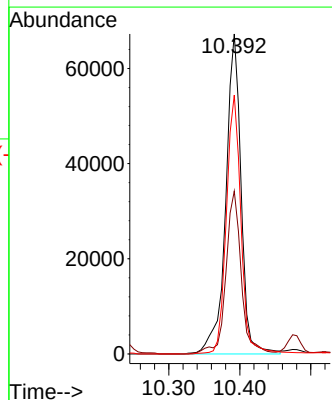
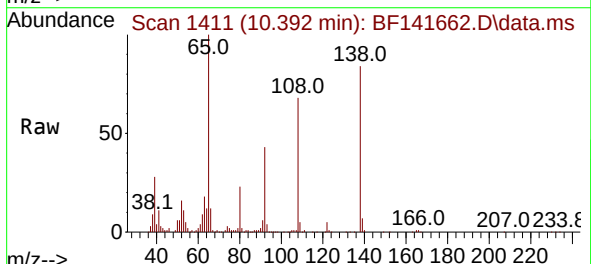
Instrument :
BNA_F
ClientSampleId :
VB27161MS

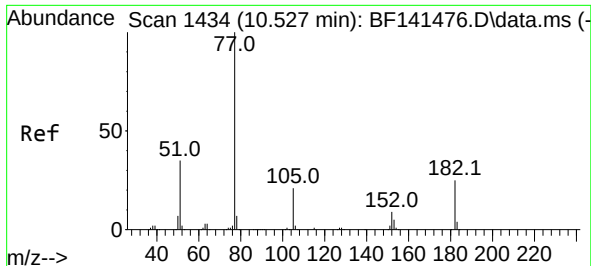
Tgt Ion:204 Resp: 223112
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 64.4 51.9 77.9



#62
4-Nitroaniline
Concen: 39.566 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:138 Resp: 100741
Ion Ratio Lower Upper
138 100
92 50.9 31.3 71.3
108 80.9 63.7 103.7

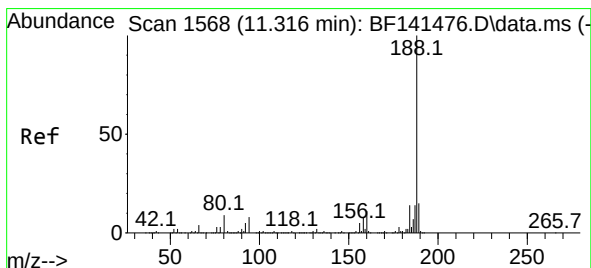
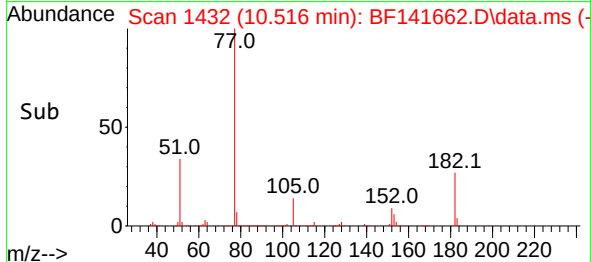
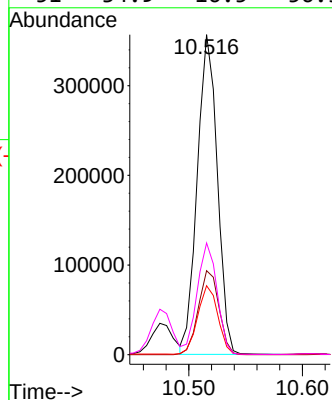
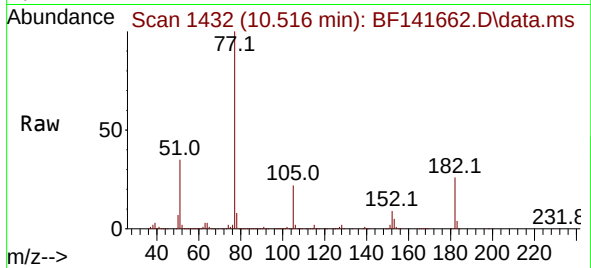




#63
Azobenzene
Concen: 42.036 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

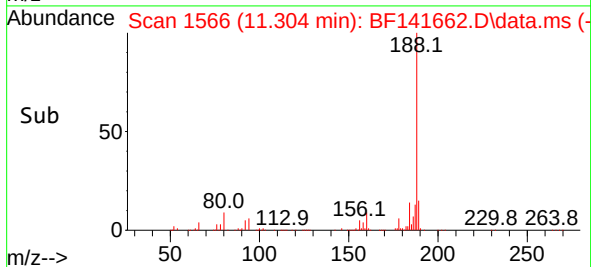
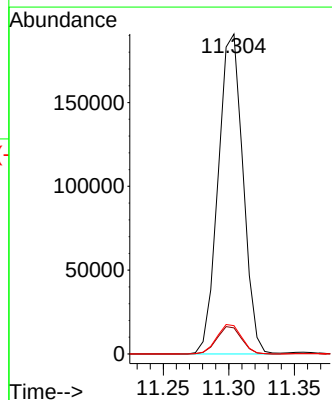
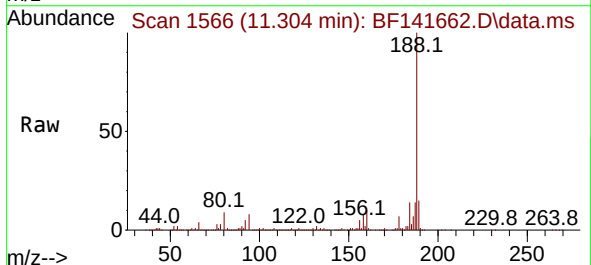
Instrument :
BNA_F
ClientSampleId :
VB27161MS

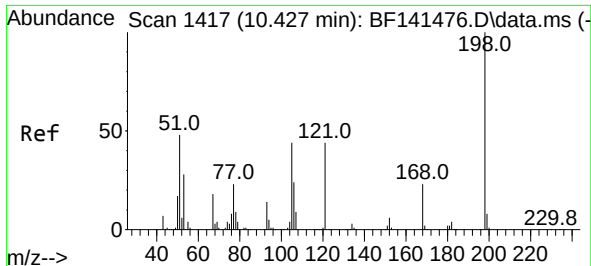
Tgt Ion:	77	Resp:	438176
Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.7	44.7
105	21.5	0.4	40.4
51	34.9	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:	188	Resp:	251071
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	8.9	7.3	10.9

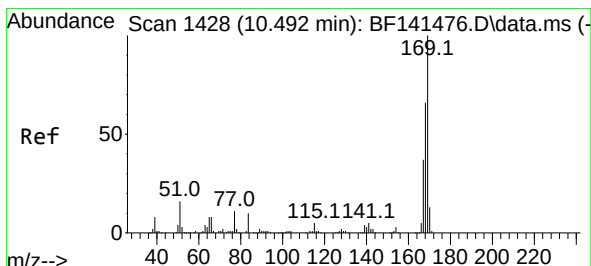
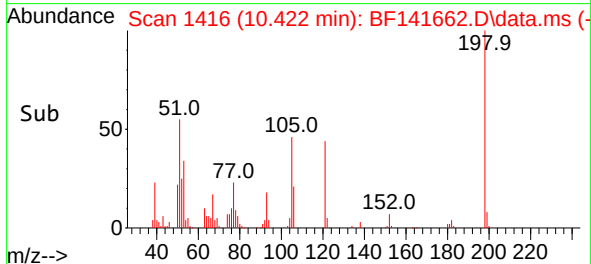
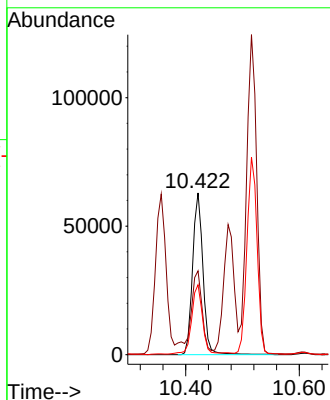
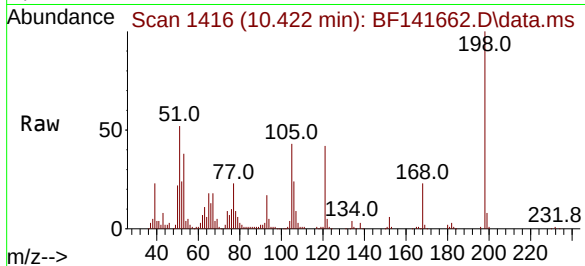




#65
4,6-Dinitro-2-methylphenol
Concen: 46.143 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

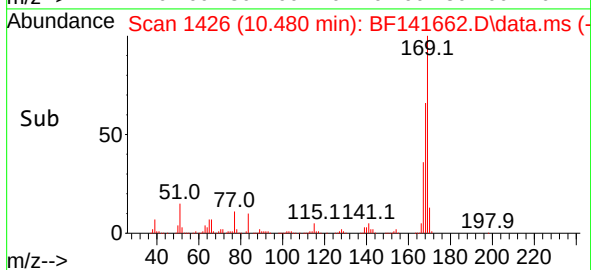
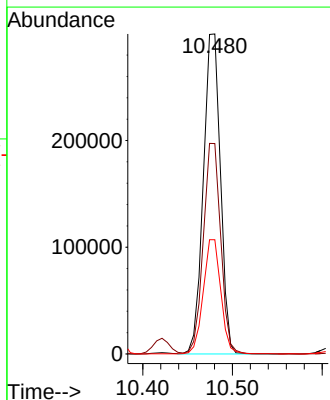
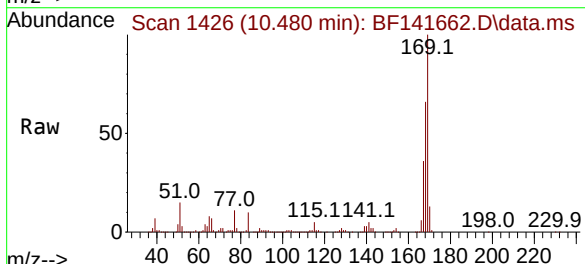
Instrument :
BNA_F
ClientSampleId :
VB27161MS

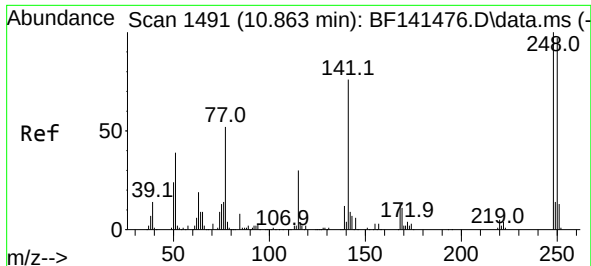
Tgt Ion:198 Resp: 80476
Ion Ratio Lower Upper
198 100
51 51.8 37.4 77.4
105 43.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 49.441 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:169 Resp: 397362
Ion Ratio Lower Upper
169 100
168 65.8 53.3 79.9
167 35.7 29.4 44.2





#67

4-Bromophenyl-phenylether

Concen: 48.330 ng

RT: 10.845 min Scan# 14

Delta R.T. -0.018 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

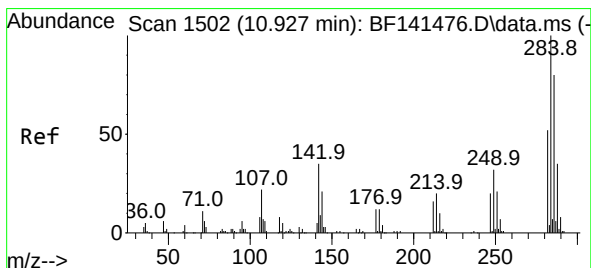
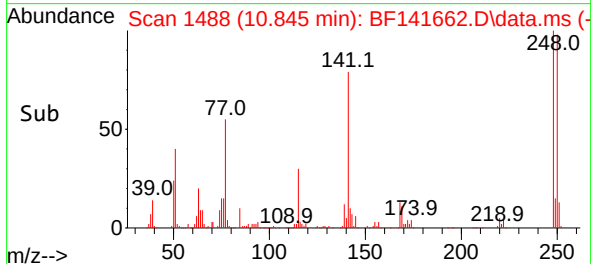
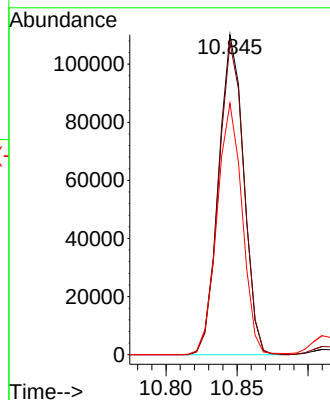
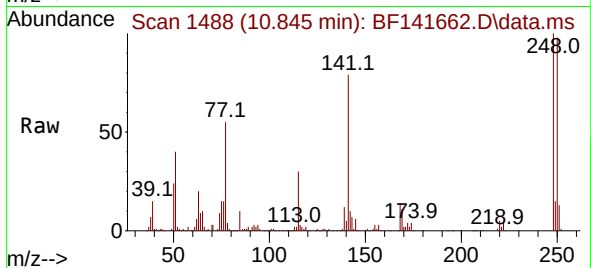
Tgt Ion:248 Resp: 135616

Ion Ratio Lower Upper

248 100

250 97.6 77.8 116.6

141 78.6 60.6 90.8



#68

Hexachlorobenzene

Concen: 49.376 ng

RT: 10.916 min Scan# 1500

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

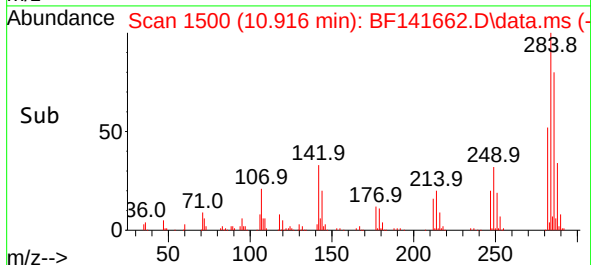
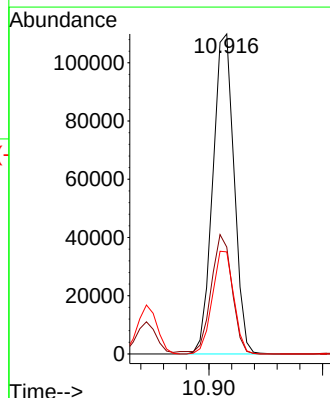
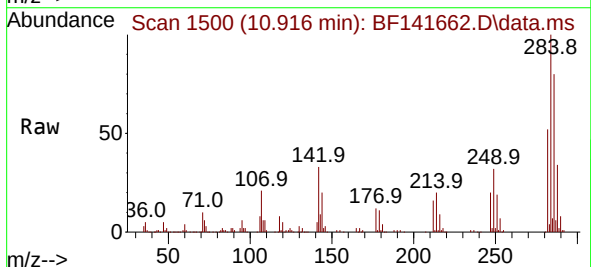
Tgt Ion:284 Resp: 142669

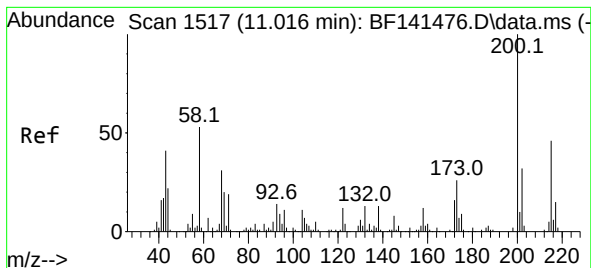
Ion Ratio Lower Upper

284 100

142 33.4 28.0 42.0

249 31.9 25.8 38.8





#69

Atrazine

Concen: 51.390 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

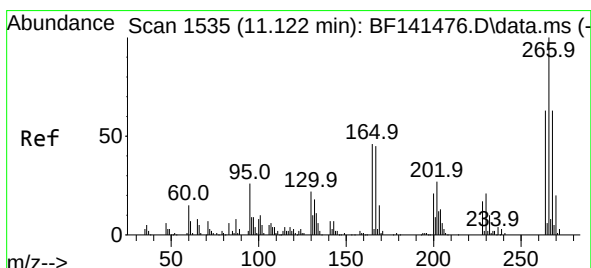
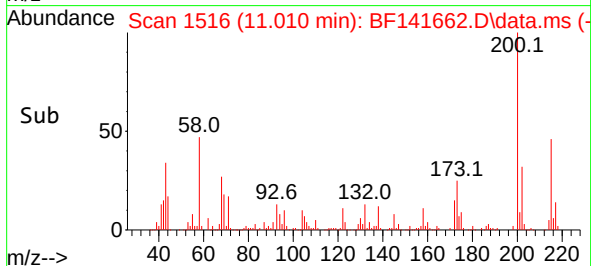
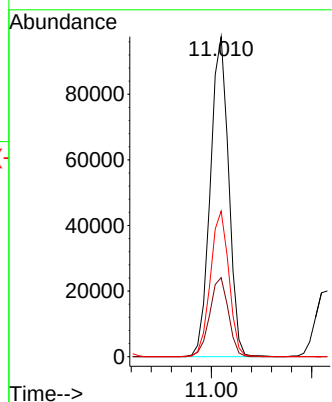
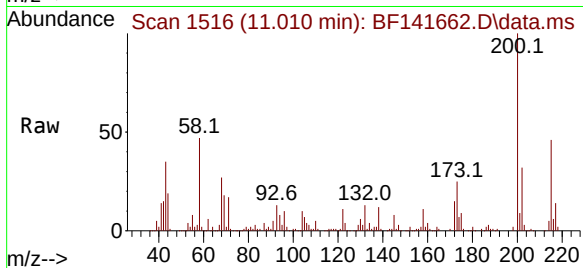
Tgt Ion:200 Resp: 123908

Ion Ratio Lower Upper

200 100

173 24.7 5.9 45.9

215 45.5 25.9 65.9



#70

Pentachlorophenol

Concen: 87.599 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

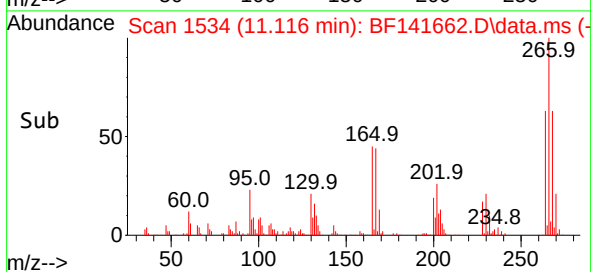
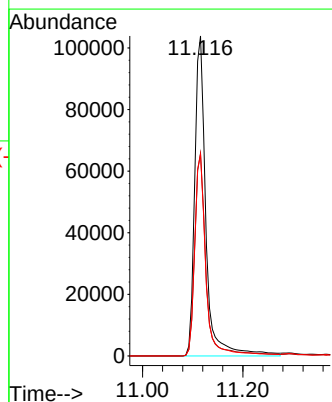
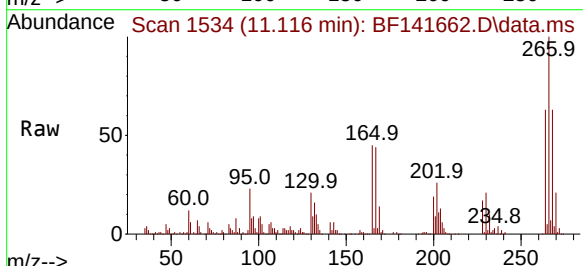
Tgt Ion:266 Resp: 161847

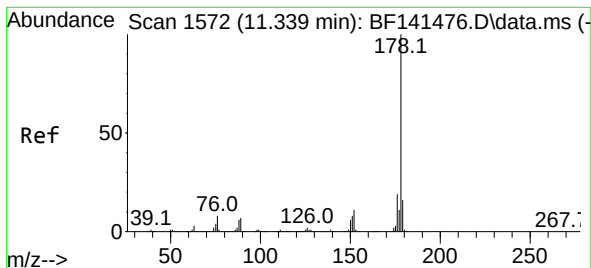
Ion Ratio Lower Upper

266 100

268 63.3 50.1 75.1

264 63.1 50.1 75.1





#71

Phenanthrene

Concen: 47.393 ng

RT: 11.327 min Scan# 1572

Delta R.T. -0.018 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

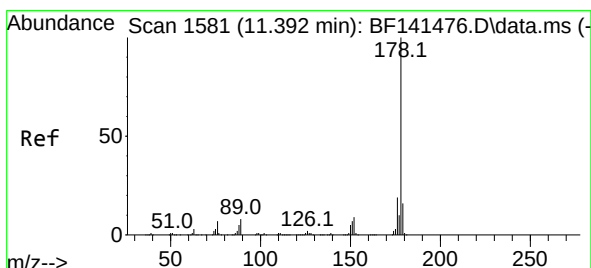
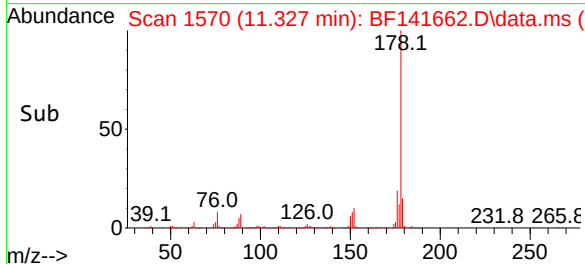
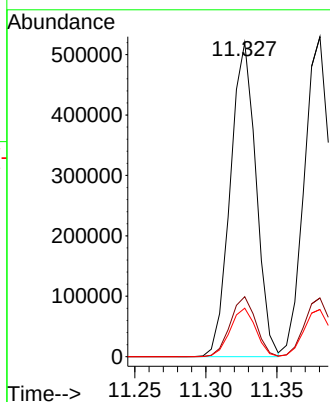
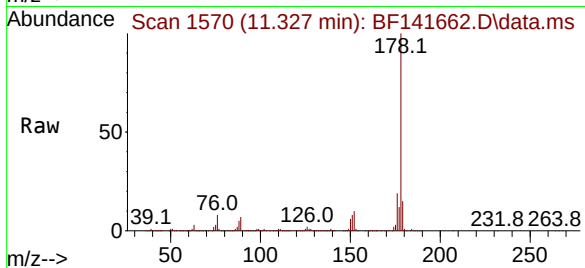
Tgt Ion:178 Resp: 654982

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.4 12.4 18.6



#72

Anthracene

Concen: 48.663 ng

RT: 11.380 min Scan# 1579

Delta R.T. -0.018 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

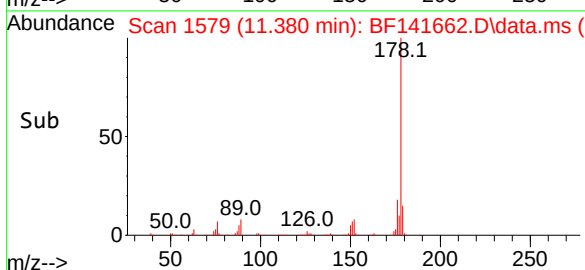
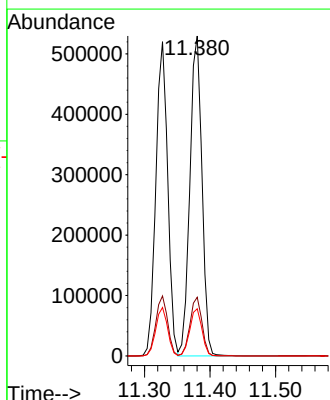
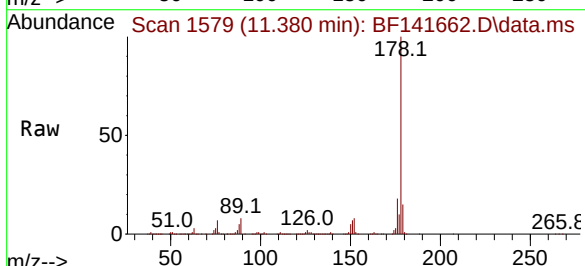
Tgt Ion:178 Resp: 676069

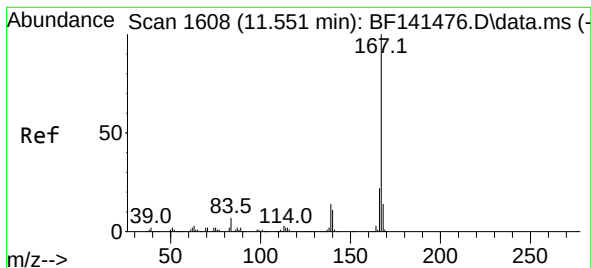
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

179 14.7 12.4 18.6





#73

Carbazole

Concen: 43.317 ng

RT: 11.539 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

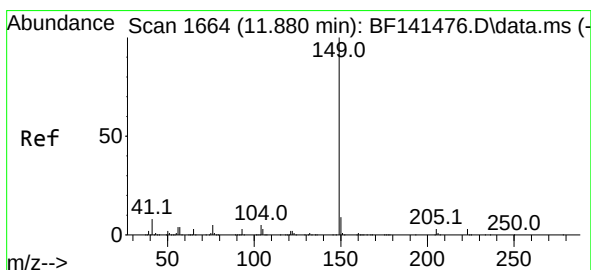
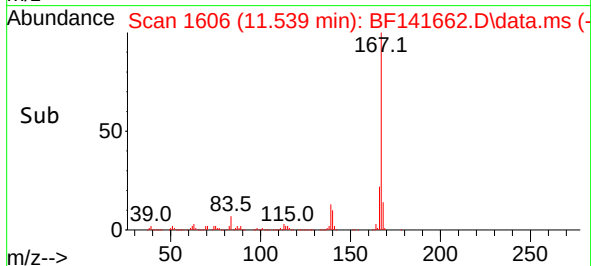
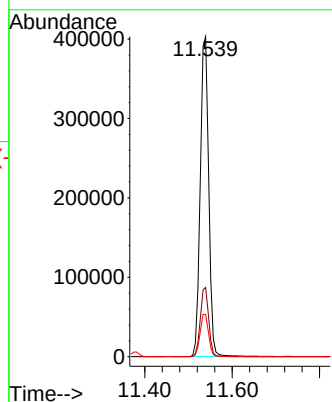
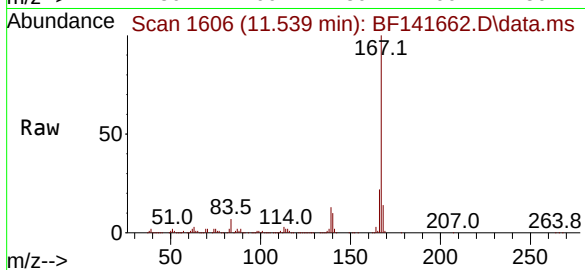
Tgt Ion:167 Resp: 541491

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.2 10.9 16.3



#74

Di-n-butylphthalate

Concen: 43.590 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

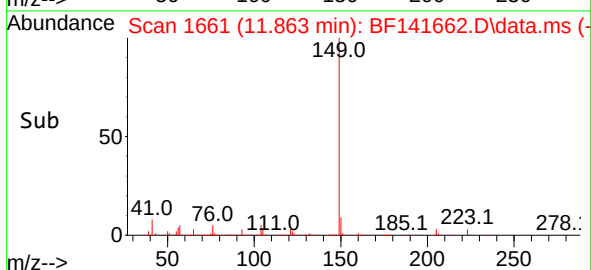
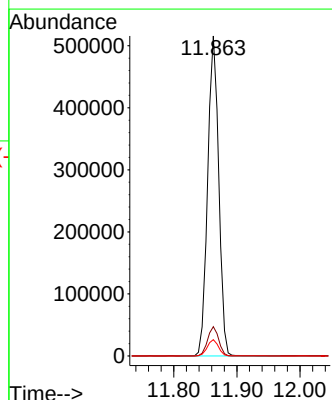
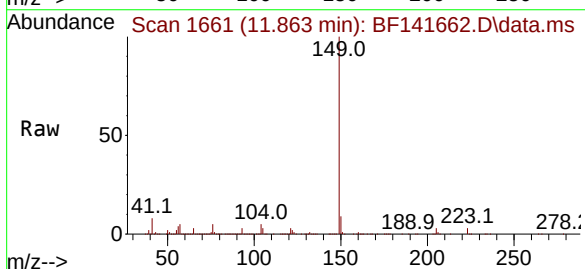
Tgt Ion:149 Resp: 629183

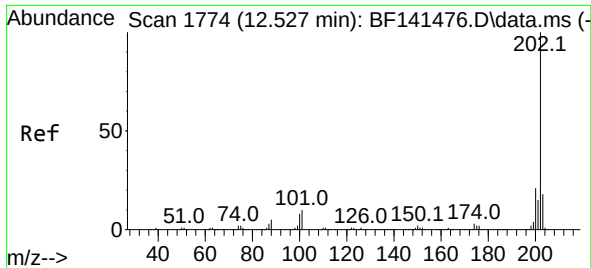
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

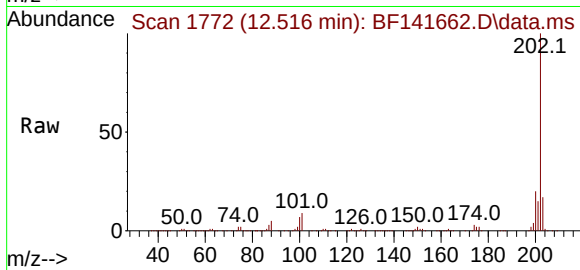
104 5.1 4.2 6.2



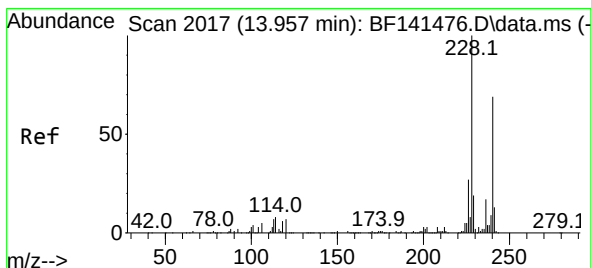
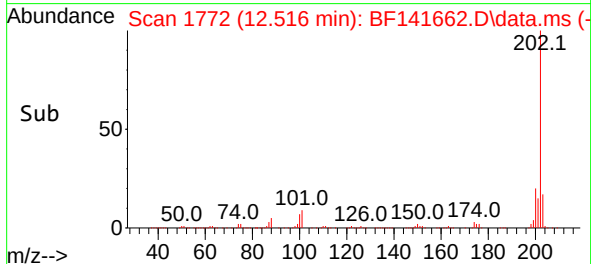
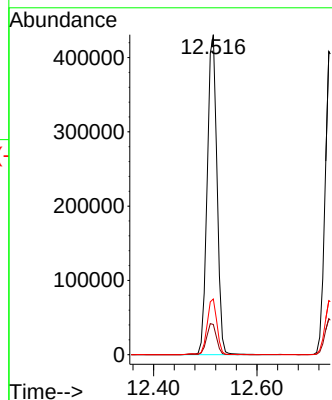


#75
Fluoranthene
Concen: 38.507 ng
RT: 12.516 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Instrument :
BNA_F
ClientSampleId :
VB27161MS

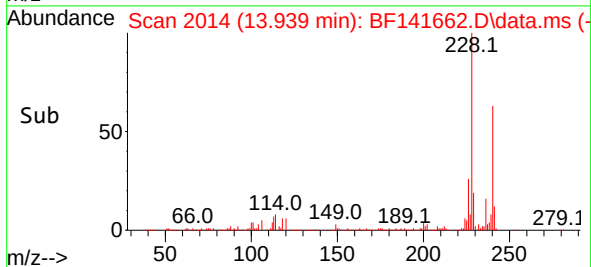
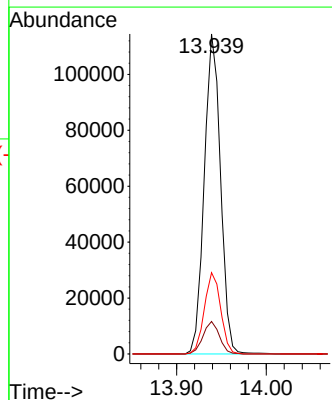
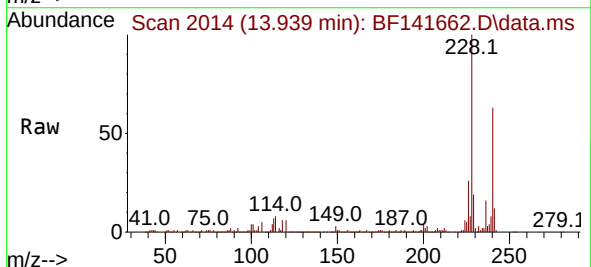


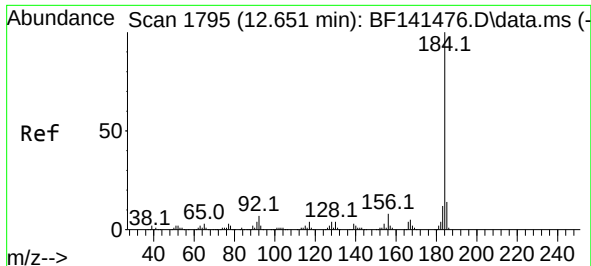
Tgt Ion:202 Resp: 564214
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.2
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.024 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:240 Resp: 143845
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.4 19.8 29.8

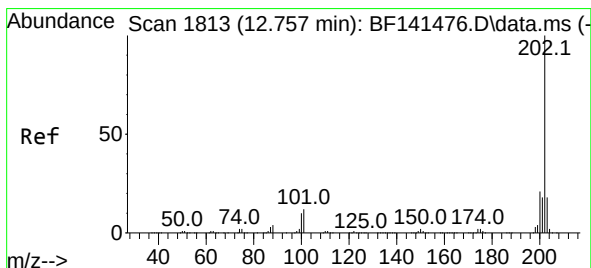
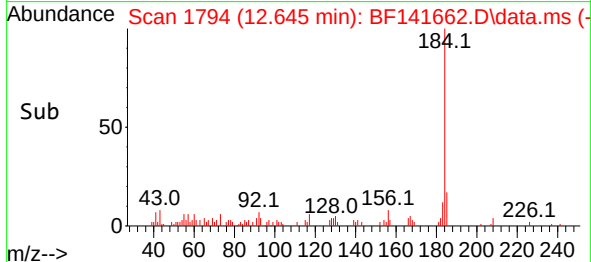
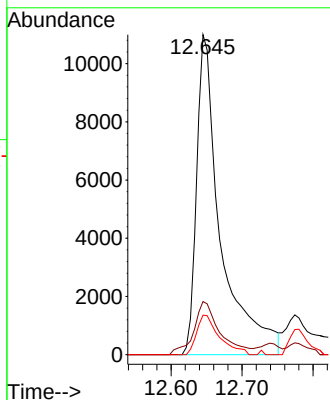
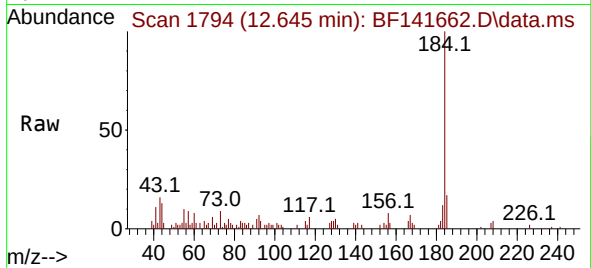




#77
Benzidine
Concen: 8.152 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

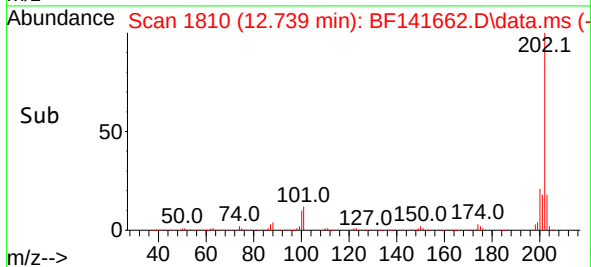
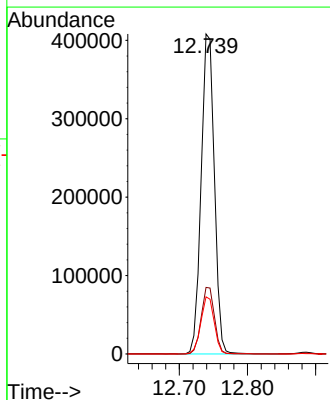
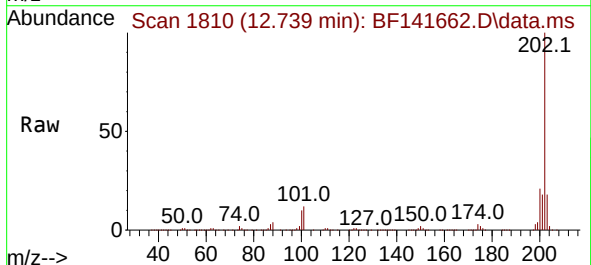
Instrument :
BNA_F
ClientSampleId :
VB27161MS

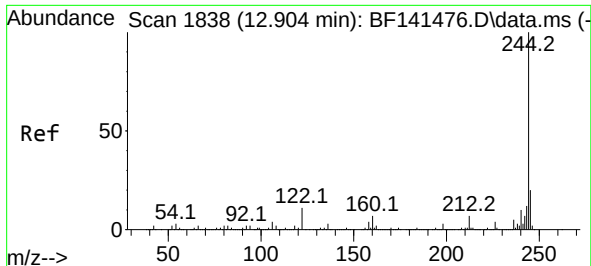
Tgt Ion:184 Resp: 25860
Ion Ratio Lower Upper
184 100
185 16.6 11.3 16.9
183 12.3 9.3 13.9



#78
Pyrene
Concen: 45.005 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.024 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

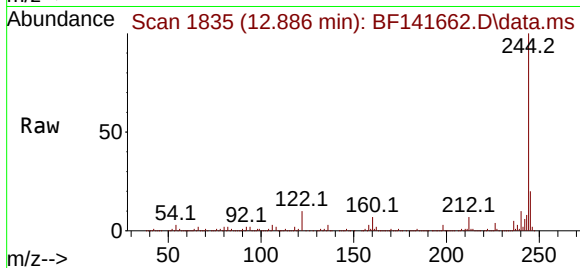
Tgt Ion:202 Resp: 551085
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 17.8 14.3 21.5



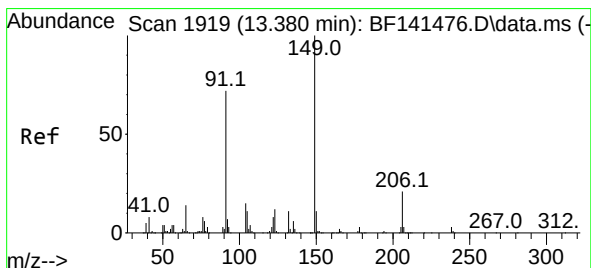
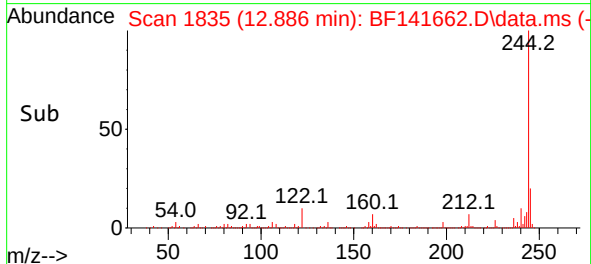
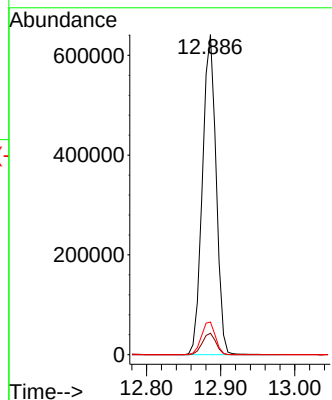


#79
 Terphenyl-d14
 Concen: 96.558 ng
 RT: 12.886 min Scan# 1835
 Delta R.T. -0.018 min
 Lab File: BF141662.D
 Acq: 18 Feb 2025 15:31

Instrument :
 BNA_F
 ClientSampleId :
 VB27161MS

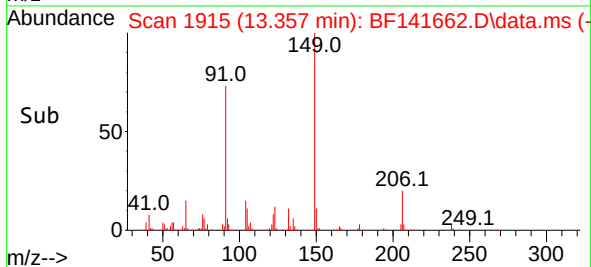
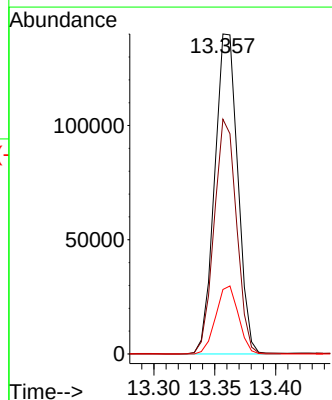
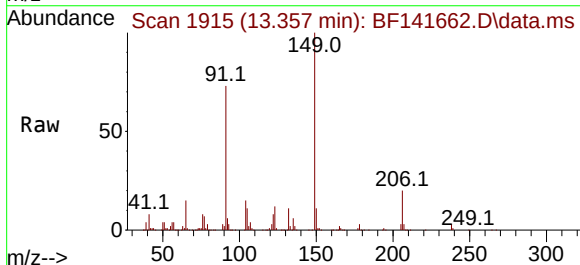


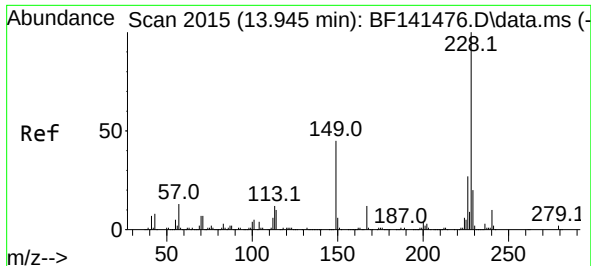
Tgt Ion:244 Resp: 822747
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.2 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 43.670 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.024 min
 Lab File: BF141662.D
 Acq: 18 Feb 2025 15:31

Tgt Ion:149 Resp: 185219
 Ion Ratio Lower Upper
 149 100
 91 73.4 57.8 86.8
 206 20.2 16.7 25.1

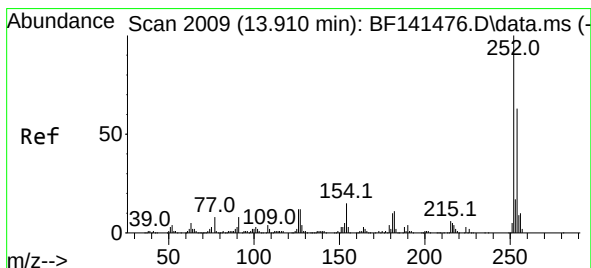
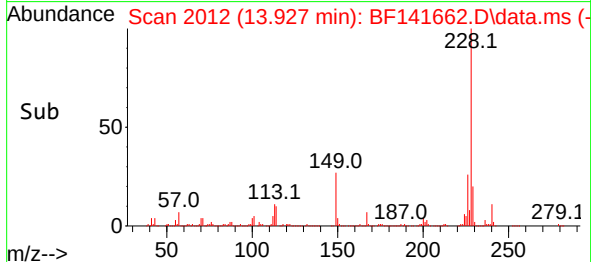
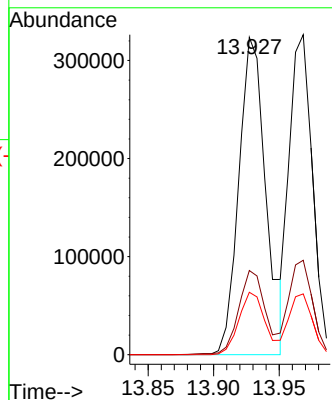
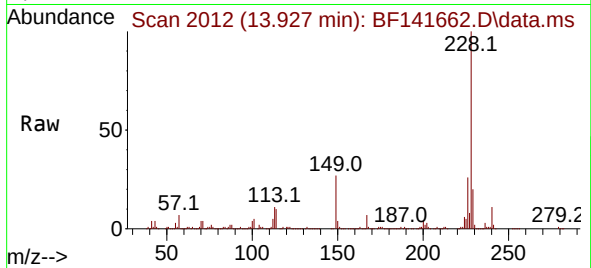




#81
Benzo(a)anthracene
Concen: 48.722 ng
RT: 13.927 min Scan# 2006
Delta R.T. -0.024 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

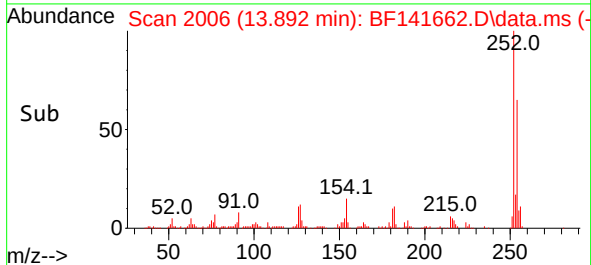
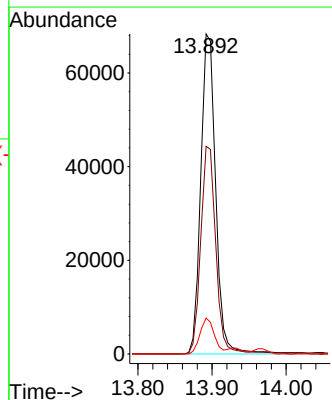
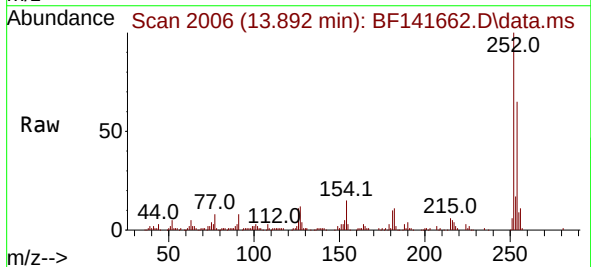
Instrument :
BNA_F
ClientSampleId :
VB27161MS

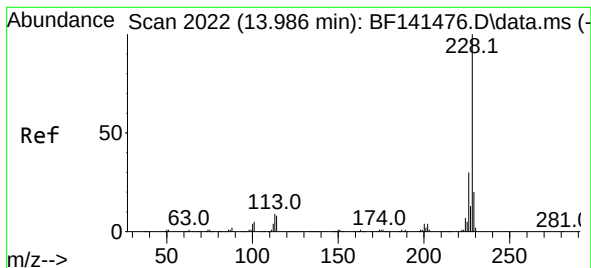
Tgt Ion:228 Resp: 465878
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 34.925 ng
RT: 13.892 min Scan# 2006
Delta R.T. -0.024 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:252 Resp: 95662
Ion Ratio Lower Upper
252 100
254 64.9 50.6 76.0
126 11.2 9.3 13.9





#83

Chrysene

Concen: 45.369 ng

RT: 13.968 min Scan# 2010

Delta R.T. -0.024 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

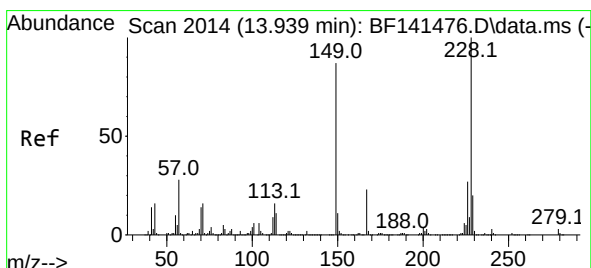
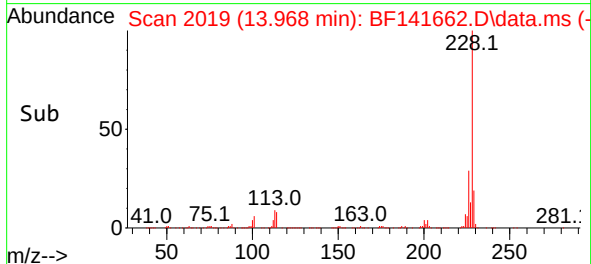
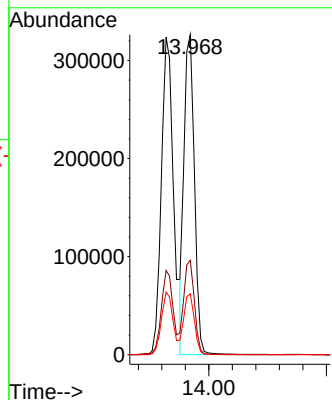
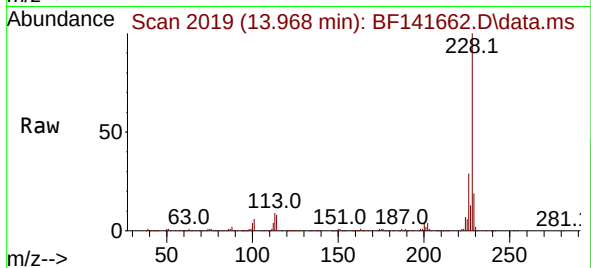
Tgt Ion:228 Resp: 400562

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 19.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.909 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.024 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

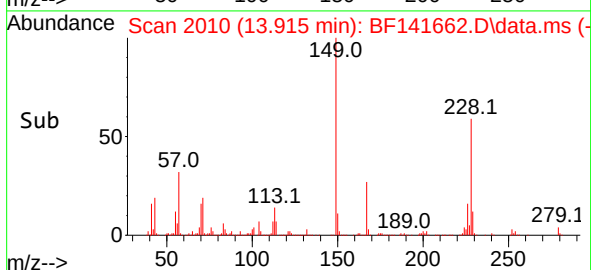
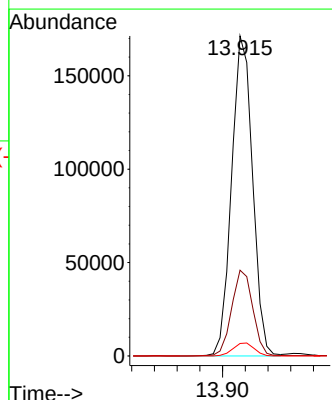
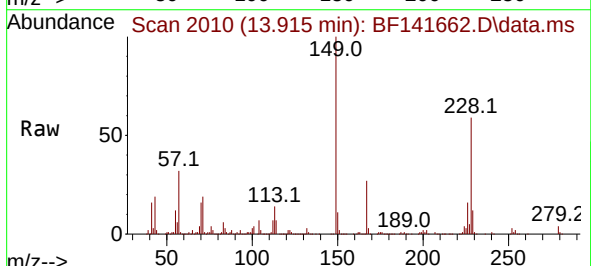
Tgt Ion:149 Resp: 219611

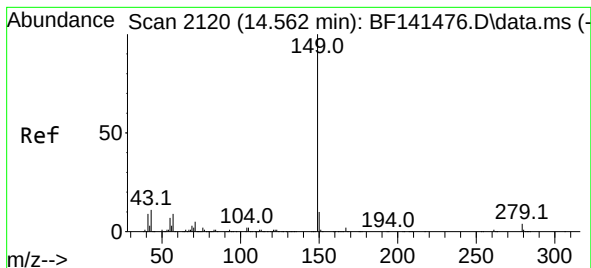
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.513 ng

RT: 14.527 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

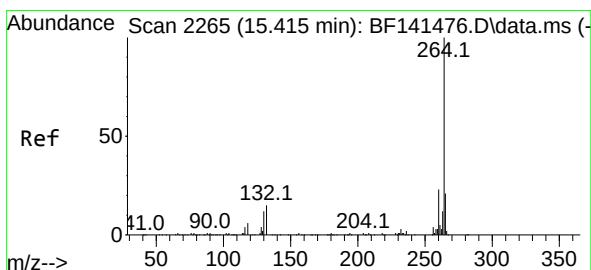
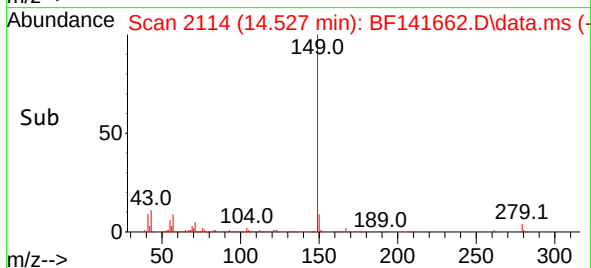
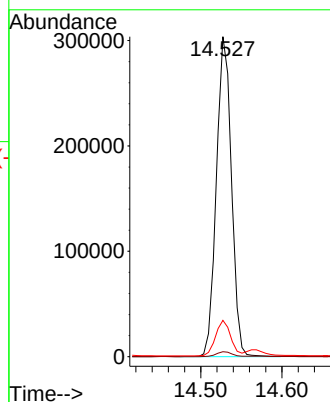
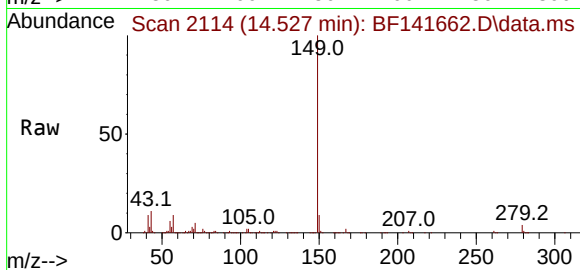
Tgt Ion:149 Resp: 392477

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.1 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 2259

Delta R.T. -0.035 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

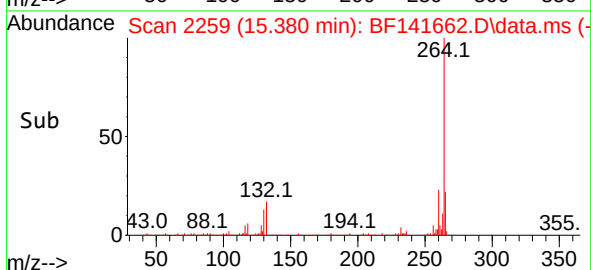
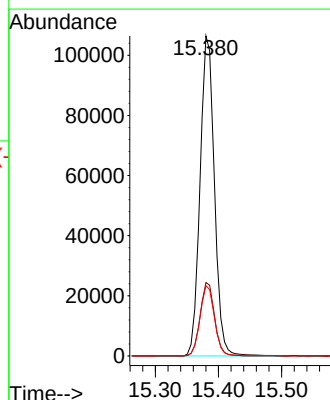
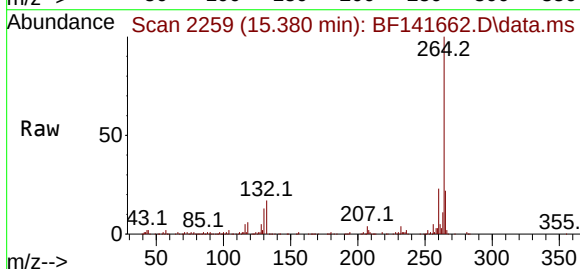
Tgt Ion:264 Resp: 167825

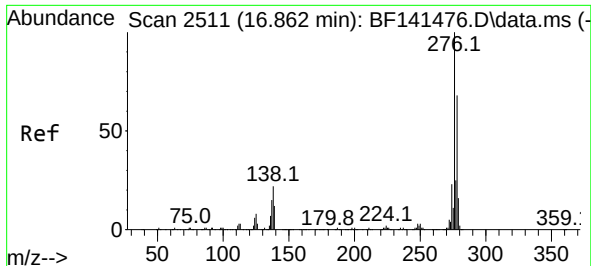
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.9 17.0 25.4

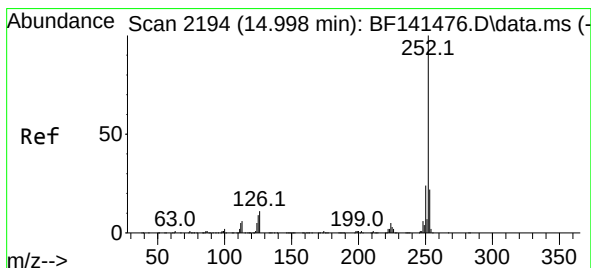
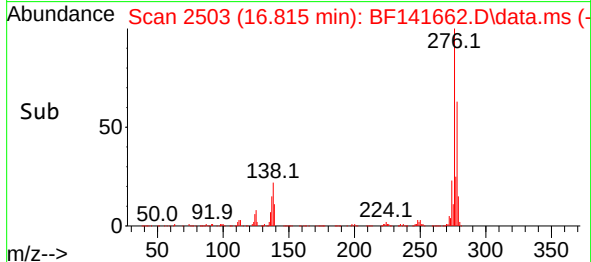
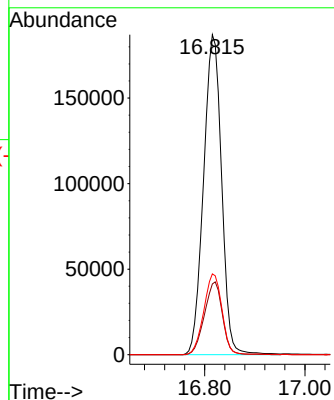
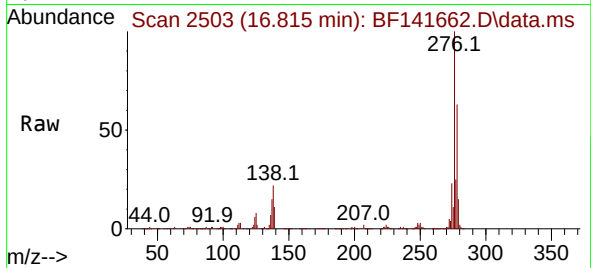




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.032 ng
 RT: 16.815 min Scan# 2189
 Delta R.T. -0.059 min
 Lab File: BF141662.D
 Acq: 18 Feb 2025 15:31

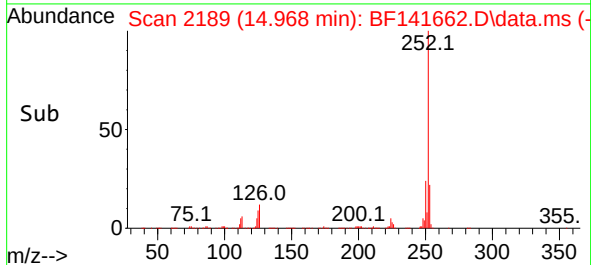
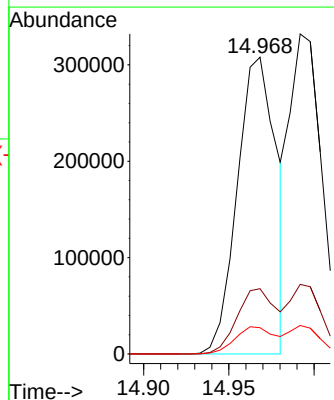
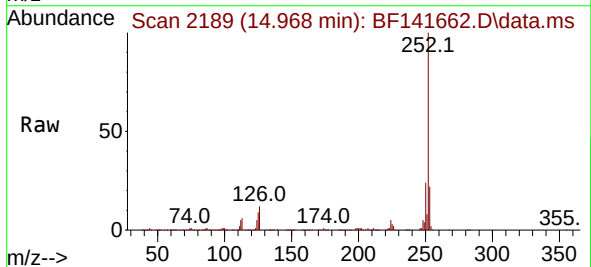
Instrument :
 BNA_F
 ClientSampleId :
 VB27161MS

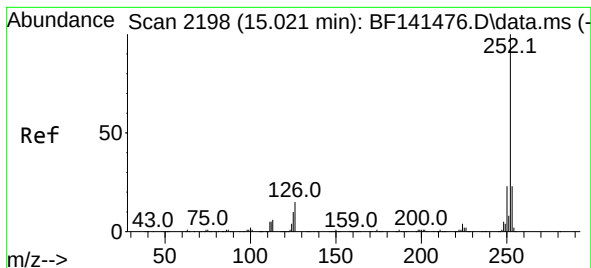
Tgt Ion:276 Resp: 466968
 Ion Ratio Lower Upper
 276 100
 138 22.7 18.0 27.0
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 43.490 ng
 RT: 14.968 min Scan# 2189
 Delta R.T. -0.035 min
 Lab File: BF141662.D
 Acq: 18 Feb 2025 15:31

Tgt Ion:252 Resp: 490077
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.5 26.3
 125 8.9 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.757 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

Instrument :

BNA_F

ClientSampleId :

VB27161MS

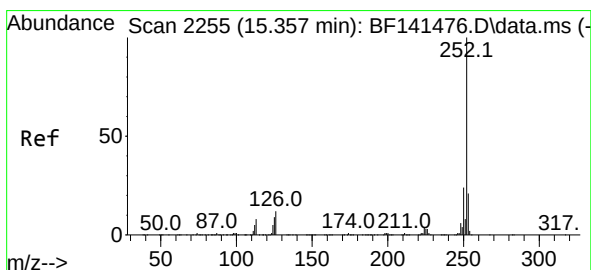
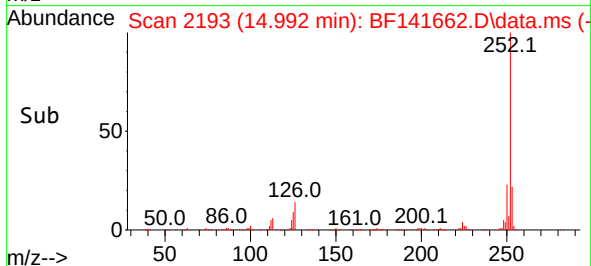
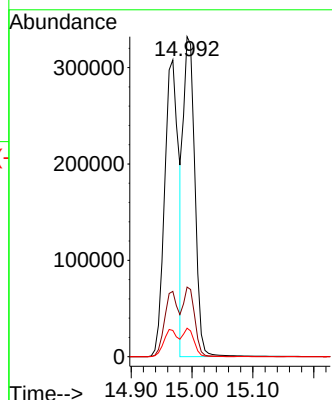
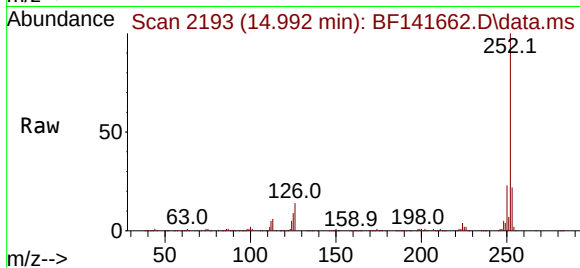
Tgt Ion:252 Resp: 440289

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 8.9 7.4 11.0



#90

Benzo(a)pyrene

Concen: 49.764 ng

RT: 15.321 min Scan# 2249

Delta R.T. -0.041 min

Lab File: BF141662.D

Acq: 18 Feb 2025 15:31

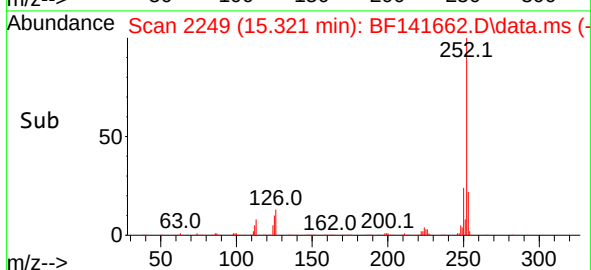
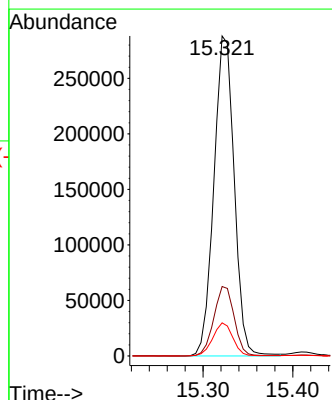
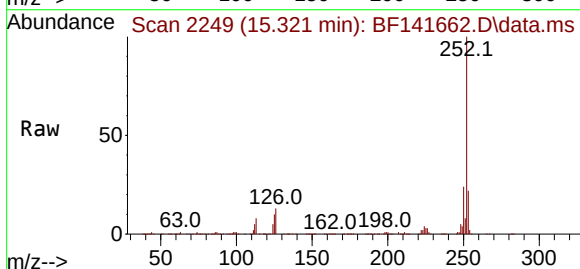
Tgt Ion:252 Resp: 453761

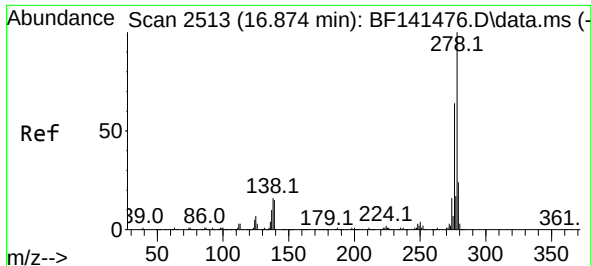
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.4 7.4 11.2

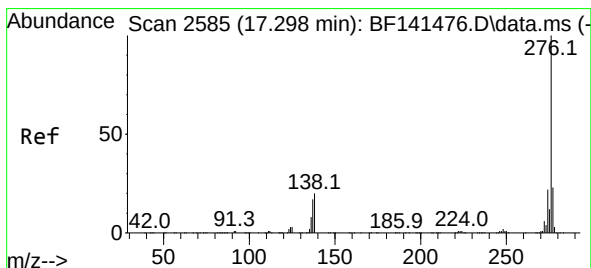
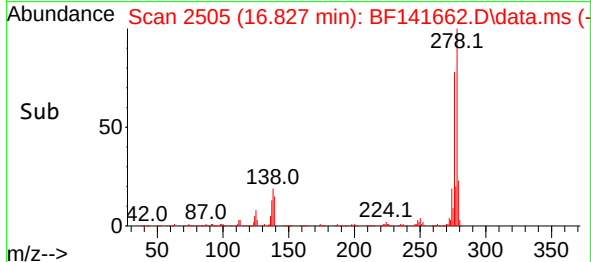
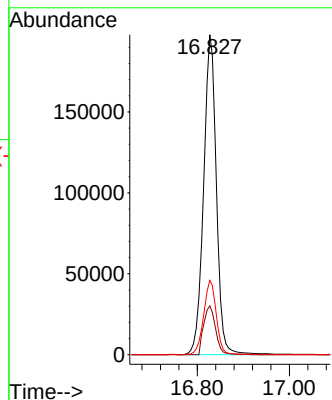
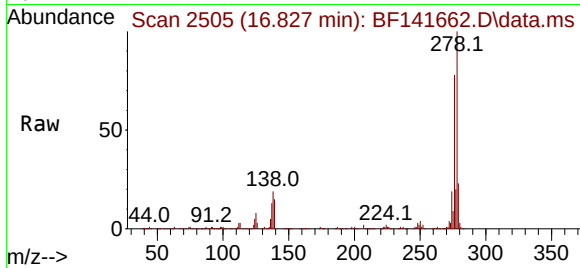




#91
Dibenzo(a,h)anthracene
Concen: 45.635 ng
RT: 16.827 min Scan# 21
Delta R.T. -0.065 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Instrument :
BNA_F
ClientSampleId :
VB27161MS

Tgt Ion:278 Resp: 383450
Ion Ratio Lower Upper
278 100
139 15.3 11.8 17.6
279 23.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 38.498 ng
RT: 17.245 min Scan# 2576
Delta R.T. -0.071 min
Lab File: BF141662.D
Acq: 18 Feb 2025 15:31

Tgt Ion:276 Resp: 338510
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 19.1 15.9 23.9

