

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012225\
 Data File : BF141240.D
 Acq On : 22 Jan 2025 17:32
 Operator : RC/JU
 Sample : Q1142-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-1-012125MS

Quant Time: Jan 23 00:07:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	161673	20.000	ng	-0.02
21) Naphthalene-d8	8.092	136	603251	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	292439	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	400525	20.000	ng	-0.01
76) Chrysene-d12	13.986	240	332615	20.000	ng	0.00
86) Perylene-d12	15.457	264	294085	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1173014	112.083	ng	0.00
7) Phenol-d6	6.440	99	1461522	110.246	ng	0.00
23) Nitrobenzene-d5	7.369	82	933794	82.054	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	376439	112.972	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1550135	80.944	ng	-0.01
79) Terphenyl-d14	12.922	244	1228174	54.882	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.534	88	120088	25.767	ng	99
3) Pyridine	3.281	79	313077	27.394	ng	96
4) n-Nitrosodimethylamine	3.216	42	172948	30.949	ng	98
6) Aniline	6.469	93	233359	19.827	ng	# 85
8) 2-Chlorophenol	6.593	128	393639	35.058	ng	96
9) Benzaldehyde	6.351	77	45502	5.828	ng	91
10) Phenol	6.451	94	478428	33.713	ng	93
11) bis(2-Chloroethyl)ether	6.540	93	385748	36.474	ng	96
12) 1,3-Dichlorobenzene	6.745	146	410114	32.749	ng	97
13) 1,4-Dichlorobenzene	6.822	146	411957	32.644	ng	99
14) 1,2-Dichlorobenzene	6.975	146	395752	33.619	ng	98
15) Benzyl Alcohol	6.945	79	340044	35.518	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	483343	32.751	ng	92
17) 2-Methylphenol	7.063	107	310864	34.293	ng	98
18) Hexachloroethane	7.316	117	155328	34.036	ng	100
19) n-Nitroso-di-n-propyla...	7.222	70	269234	34.477	ng	96
20) 3+4-Methylphenols	7.216	107	386545	33.799	ng	# 77
22) Acetophenone	7.216	105	528957	36.885	ng	97
24) Nitrobenzene	7.387	77	396856	33.460	ng	99
25) Isophorone	7.628	82	714081	36.717	ng	97
26) 2-Nitrophenol	7.704	139	204132	37.836	ng	98
27) 2,4-Dimethylphenol	7.739	122	311653m	42.825	ng	
28) bis(2-Chloroethoxy)met...	7.839	93	434422	35.592	ng	98
29) 2,4-Dichlorophenol	7.945	162	317026	36.680	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	334332	33.841	ng	99
31) Naphthalene	8.110	128	1413033	44.417	ng	100
32) Benzoic acid	7.851	122	211897	30.353	ng	# 87
33) 4-Chloroaniline	8.163	127	131869	11.986	ng	99
34) Hexachlorobutadiene	8.228	225	209195	35.142	ng	98
35) Caprolactam	8.516	113	108471m	38.333	ng	
36) 4-Chloro-3-methylphenol	8.645	107	326768	34.569	ng	100
37) 2-Methylnaphthalene	8.804	142	874753	43.150	ng	99
38) 1-Methylnaphthalene	8.904	142	779204	39.001	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	324037	38.605	ng	98
41) Hexachlorocyclopentadiene	8.957	237	227226	82.745	ng	98
43) 2,4,6-Trichlorophenol	9.081	196	214227	37.843	ng	99

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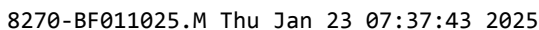
Instrument :
 BNA_F
 ClientSampleId :
 PL-1-012125MS

Quant Time: Jan 23 00:07:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	210932	35.281	ng	97
46) 1,1'-Biphenyl	9.269	154	904546	39.829	ng	99
47) 2-Chloronaphthalene	9.292	162	628383	35.524	ng	100
48) 2-Nitroaniline	9.386	65	195758	37.333	ng	99
49) Acenaphthylene	9.710	152	1074199	42.505	ng	99
50) Dimethylphthalate	9.569	163	747617	38.080	ng	100
51) 2,6-Dinitrotoluene	9.633	165	158562	34.731	ng	99
52) Acenaphthene	9.881	154	736177	41.695	ng	98
53) 3-Nitroaniline	9.798	138	101653	21.911	ng	96
54) 2,4-Dinitrophenol	9.904	184	140087	64.554	ng	94
55) Dibenzofuran	10.051	168	972327	40.486	ng	98
56) 4-Nitrophenol	9.957	139	235180	64.726	ng	95
57) 2,4-Dinitrotoluene	10.033	165	207229	35.221	ng	# 98
58) Fluorene	10.398	166	835137	44.760	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	169148	34.037	ng	# 92
60) Diethylphthalate	10.269	149	705270	36.797	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	318647	35.040	ng	98
62) 4-Nitroaniline	10.410	138	133742	29.453	ng	97
63) Azobenzene	10.551	77	794886	42.031	ng	88
65) 4,6-Dinitro-2-methylph...	10.445	198	91327	39.349	ng	88
66) n-Nitrosodiphenylamine	10.510	169	585639	45.333	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	197542	42.839	ng	100
68) Hexachlorobenzene	10.945	284	198422	38.655	ng	99
69) Atrazine	11.033	200	188304	54.134	ng	98
70) Pentachlorophenol	11.139	266	232809	70.821	ng	99
71) Phenanthrene	11.363	178	1990945	92.590	ng	100
72) Anthracene	11.416	178	1129609	54.027	ng	100
73) Carbazole	11.563	167	759574	39.620	ng	99
74) Di-n-butylphthalate	11.898	149	920904	41.973	ng	99
75) Fluoranthene	12.551	202	2090177	97.409	ng	98
77) Benzidine	12.674	184	179533	29.107	ng	97
78) Pyrene	12.780	202	2028324	63.846	ng	98
80) Butylbenzylphthalate	13.398	149	354127	33.433	ng	99
81) Benzo(a)anthracene	13.974	228	1563203	69.057	ng	97
82) 3,3'-Dichlorobenzidine	13.933	252	141230	19.594	ng	100
83) Chrysene	14.010	228	1337238	63.135	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	480659	37.821	ng	100
85) Di-n-octyl phthalate	14.592	149	898647	46.826	ng	99
87) Indeno(1,2,3-cd)pyrene	16.909	276	788414	36.593	ng	97
88) Benzo(b)fluoranthene	15.033	252	1575672	83.089	ng	99
89) Benzo(k)fluoranthene	15.063	252	847896m	52.908	ng	
90) Benzo(a)pyrene	15.398	252	1134918	72.537	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	516901	29.662	ng	98
92) Benzo(g,h,i)perylene	17.351	276	628443	34.671	ng	98

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

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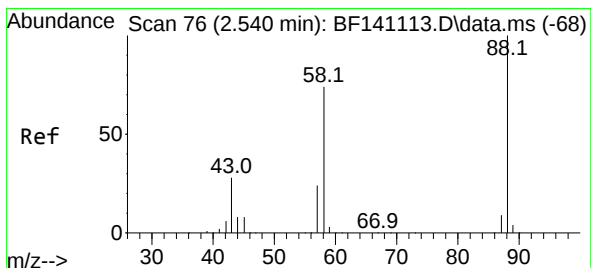
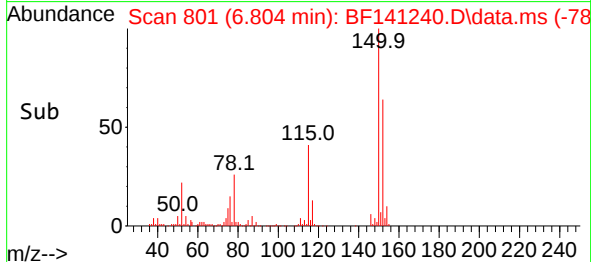
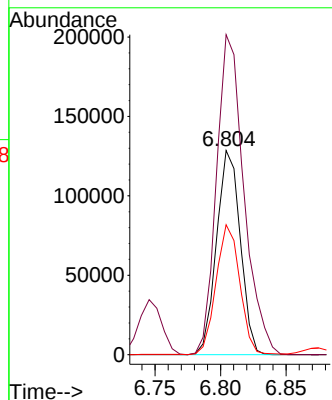
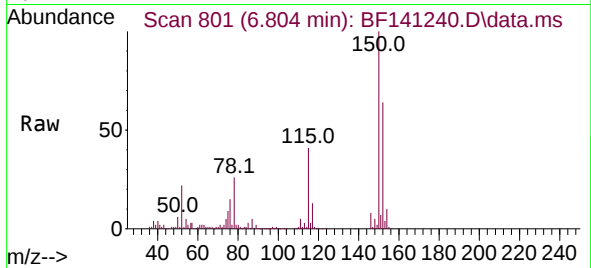




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

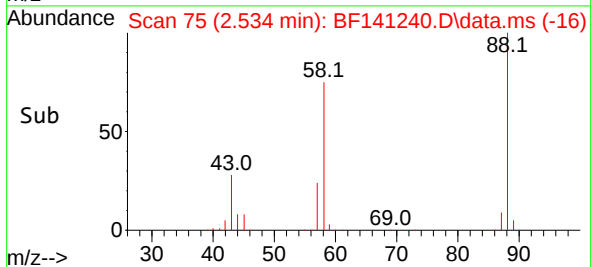
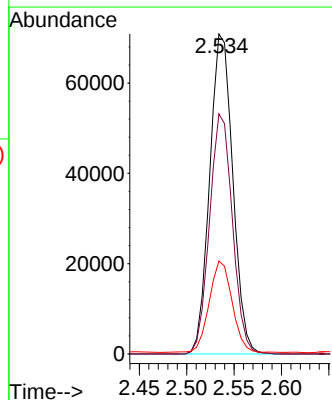
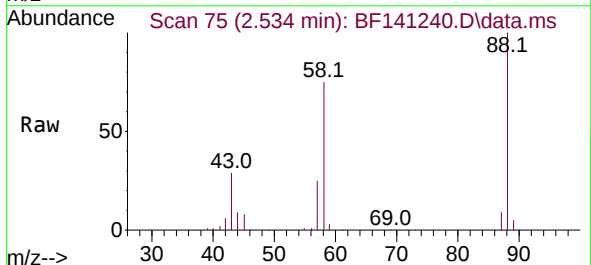
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

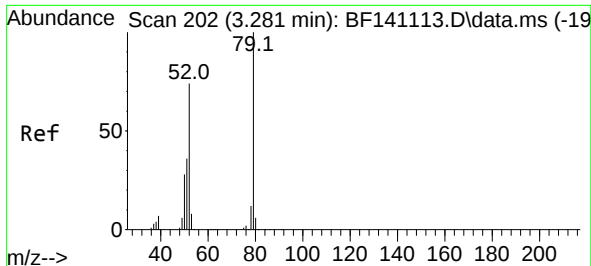
Tgt Ion:152 Resp: 161673
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.8
115 63.6 51.4 77.2



#2
1,4-Dioxane
Concen: 25.767 ng
RT: 2.534 min Scan# 75
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion: 88 Resp: 120088
Ion Ratio Lower Upper
88 100
58 74.4 60.1 90.1
43 28.3 23.1 34.7





#3

Pyridine

Concen: 27.394 ng

RT: 3.281 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

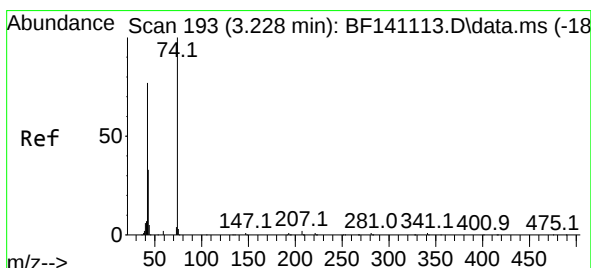
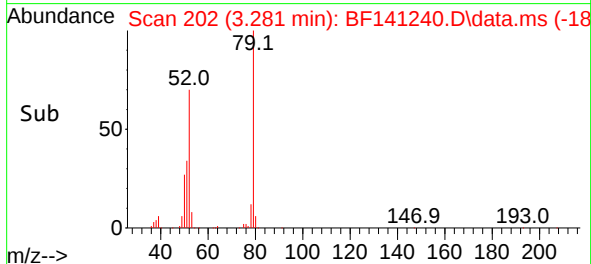
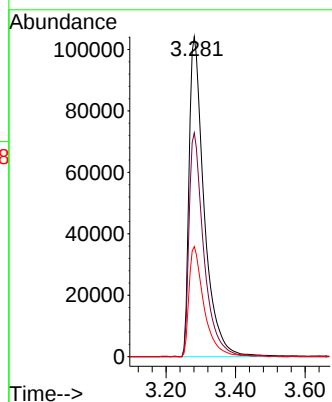
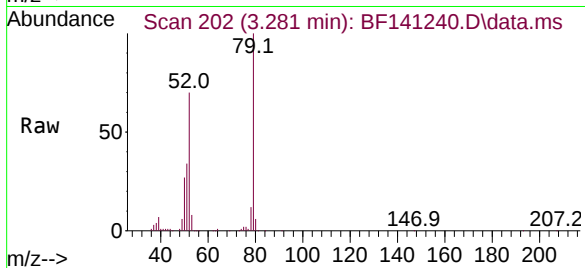
Tgt Ion: 79 Resp: 313077

Ion Ratio Lower Upper

79 100

52 70.0 58.9 88.3

51 34.4 29.1 43.7



#4

n-Nitrosodimethylamine

Concen: 30.949 ng

RT: 3.216 min Scan# 191

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

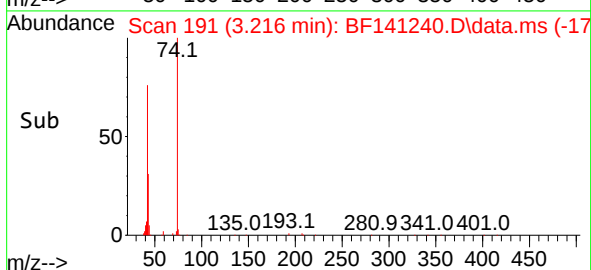
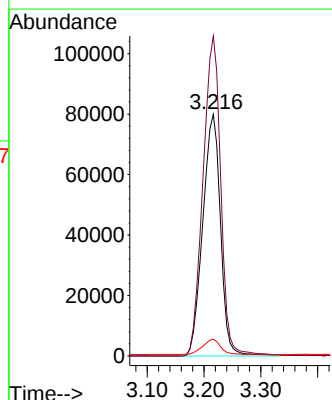
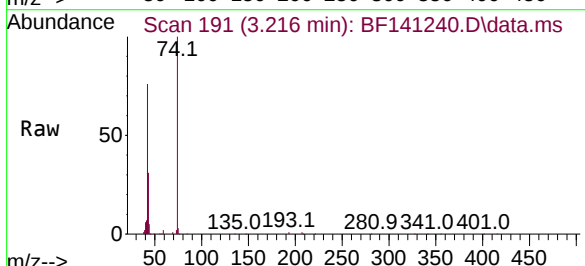
Tgt Ion: 42 Resp: 172948

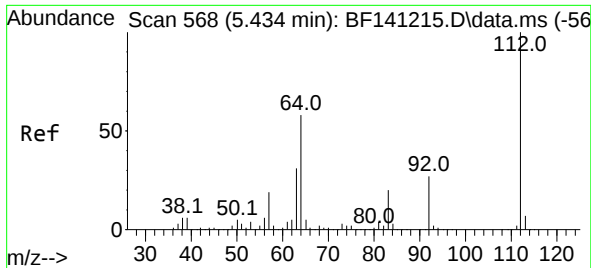
Ion Ratio Lower Upper

42 100

74 132.4 103.8 155.6

44 6.9 5.3 7.9

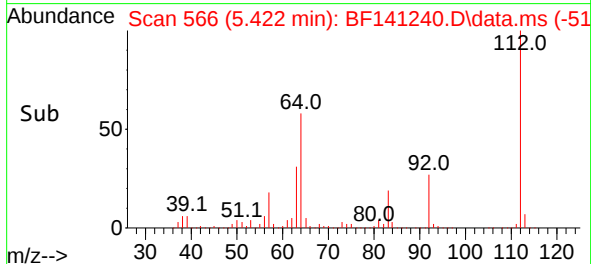
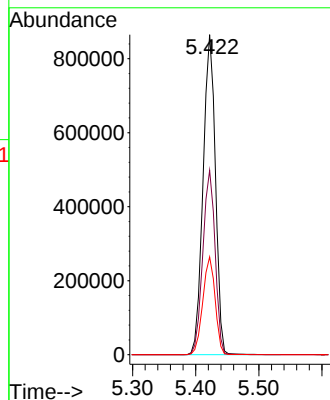
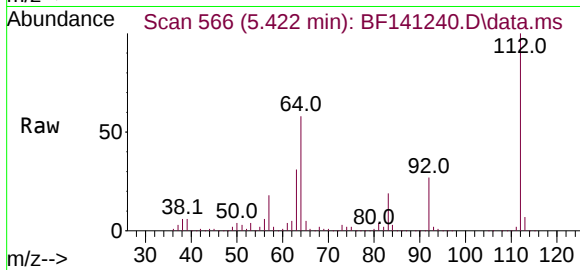




#5
2-Fluorophenol
Concen: 112.083 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

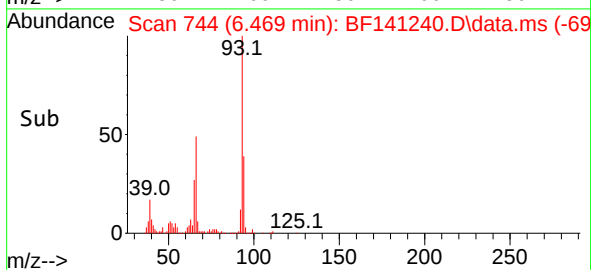
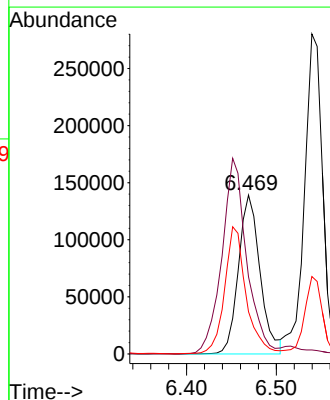
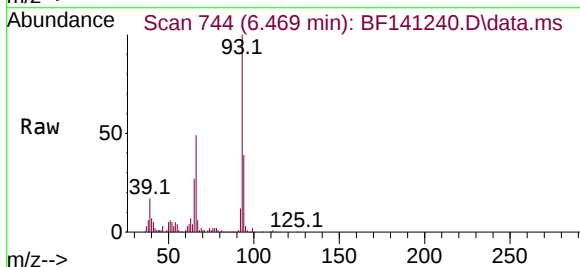
Instrument :
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Tgt Ion:112 Resp: 1173014
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 30.5 24.2 36.2



#6
Aniline
Concen: 19.827 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion: 93 Resp: 233359
Ion Ratio Lower Upper
93 100
66 48.5 31.5 47.3#
65 26.5 15.3 22.9#





#7
Phenol-d6
Concen: 110.246 ng
RT: 6.440 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Instrument :

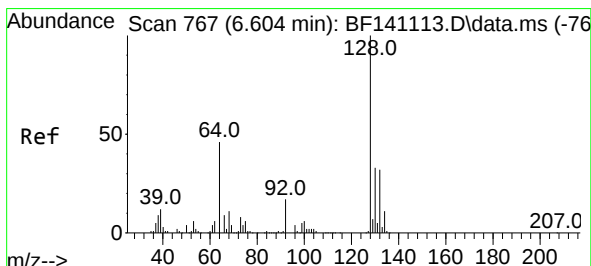
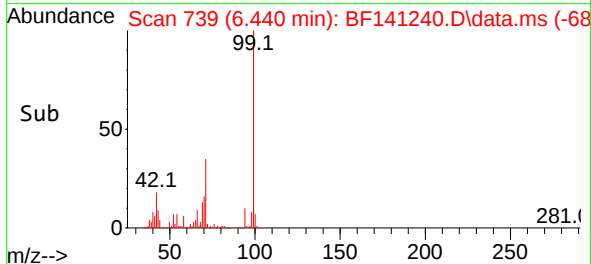
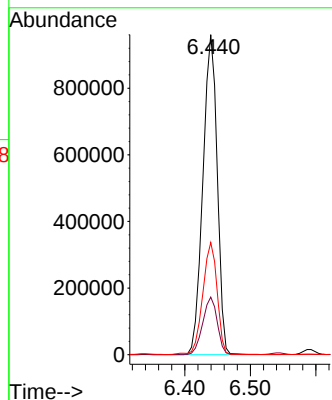
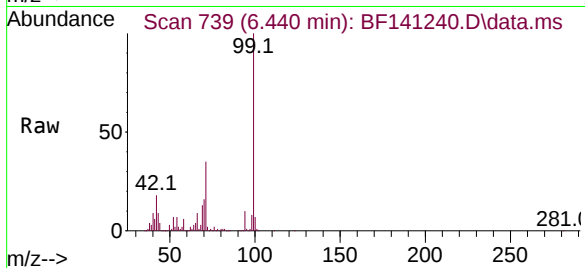
BNA_F

ClientSampleId :

PL-1-012125MS

Tgt Ion: 99 Resp: 1461522

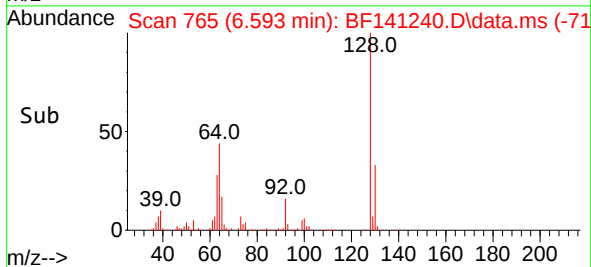
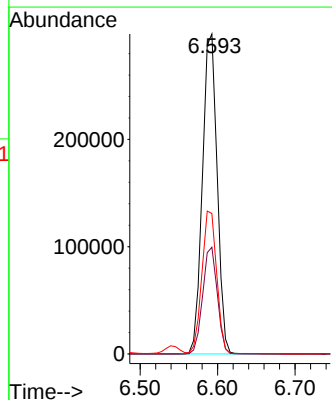
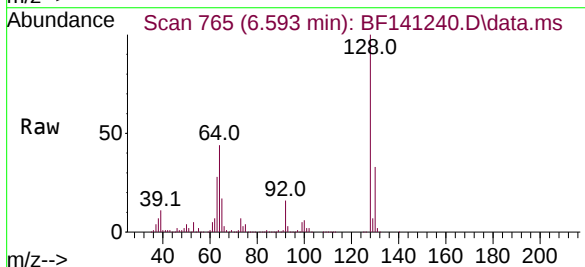
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	35.1	27.6	41.4



#8
2-Chlorophenol
Concen: 35.058 ng
RT: 6.593 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion: 128 Resp: 393639

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.5	52.5
64	43.9	28.3	68.3





#9

Benzaldehyde

Concen: 5.828 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

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ClientSampleId :

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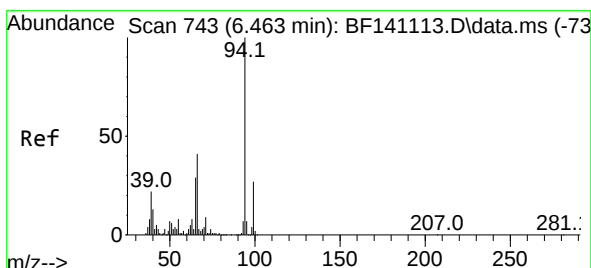
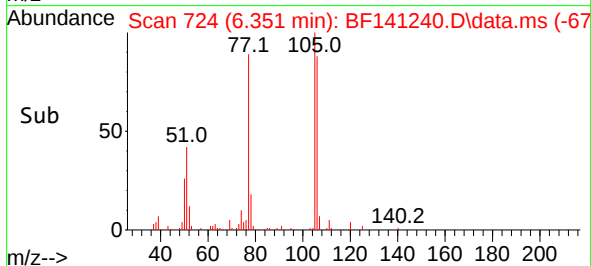
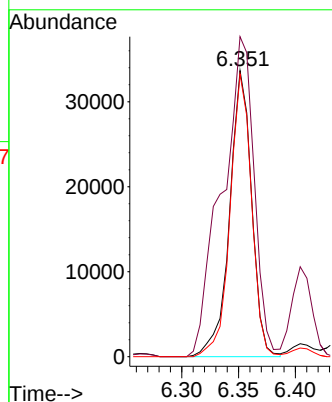
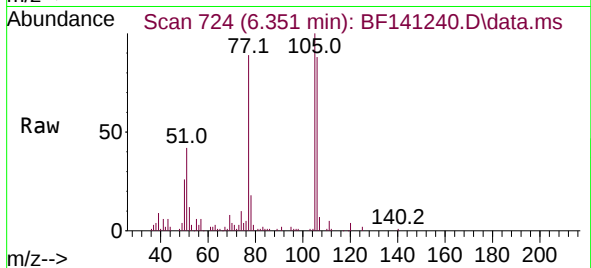
Tgt Ion: 77 Resp: 45502

Ion Ratio Lower Upper

77 100

105 111.9 78.9 118.9

106 98.8 73.6 113.6



#10

Phenol

Concen: 33.713 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

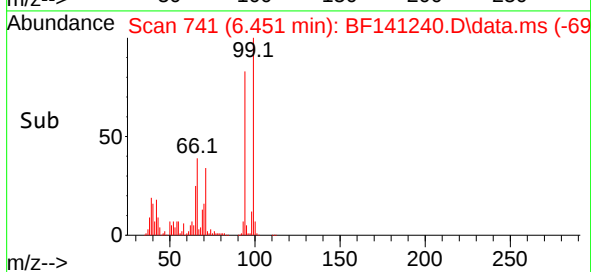
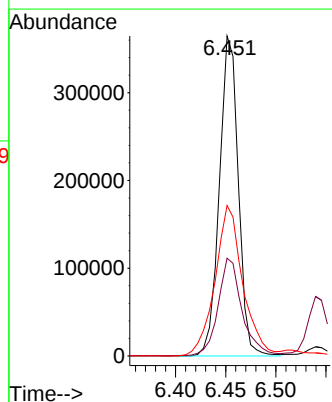
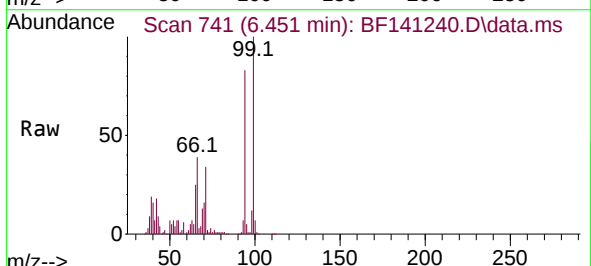
Tgt Ion: 94 Resp: 478428

Ion Ratio Lower Upper

94 100

65 30.5 8.9 48.9

66 47.0 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 36.474 ng

RT: 6.540 min Scan# 710

Delta R.T. -0.018 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

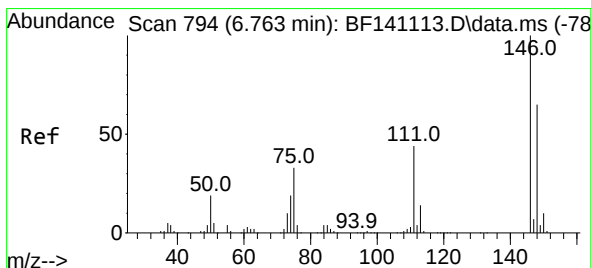
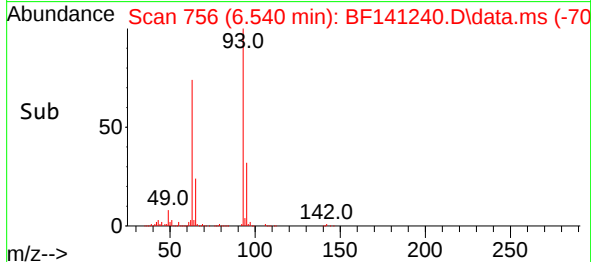
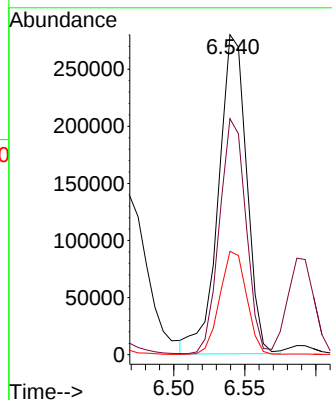
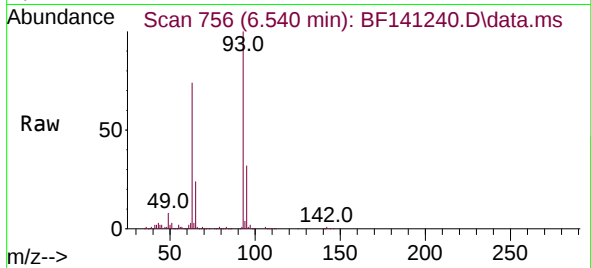
BNA_F

ClientSampleId :

PL-1-012125MS

Tgt Ion: 93 Resp: 385748

Ion	Ratio	Lower	Upper
93	100		
63	73.7	58.0	98.0
95	32.3	12.5	52.5



#12

1,3-Dichlorobenzene

Concen: 32.749 ng

RT: 6.745 min Scan# 791

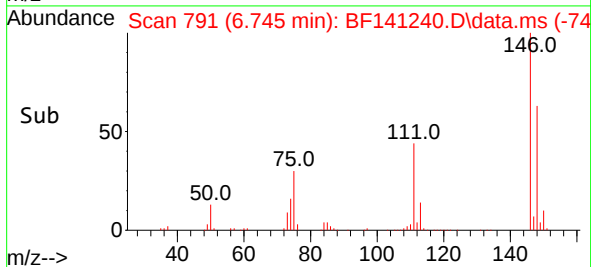
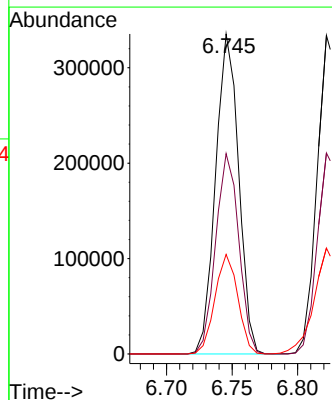
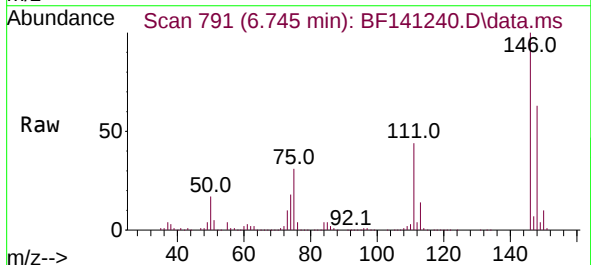
Delta R.T. -0.018 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Tgt Ion: 146 Resp: 410114

Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.6	77.4
75	31.1	26.2	39.2

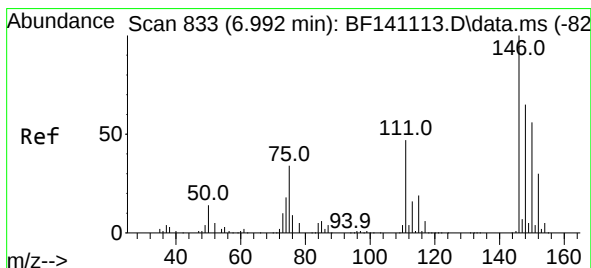
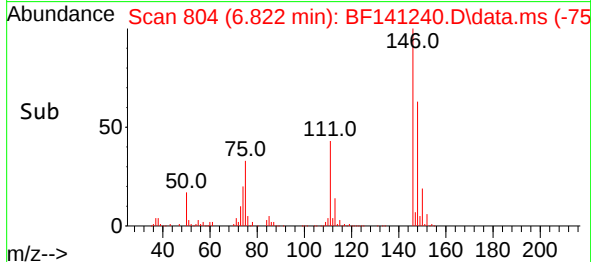
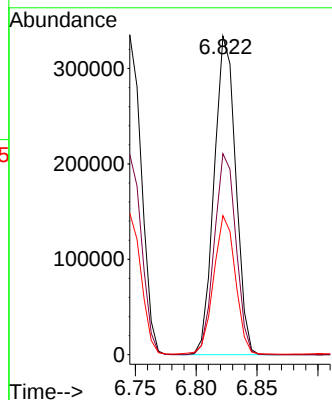
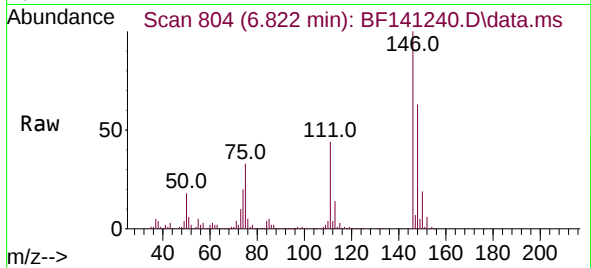




#13
1,4-Dichlorobenzene
Concen: 32.644 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

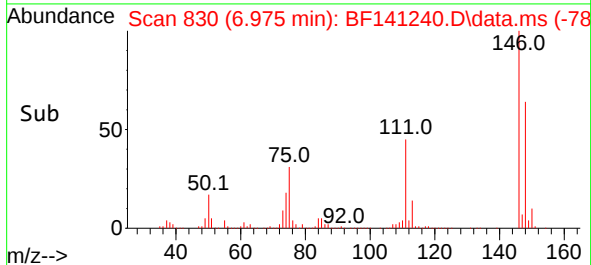
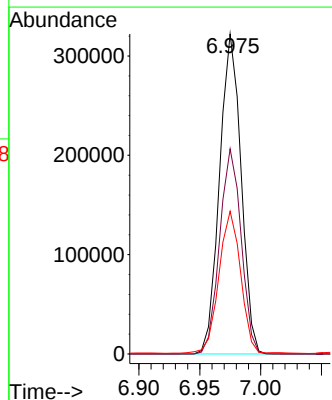
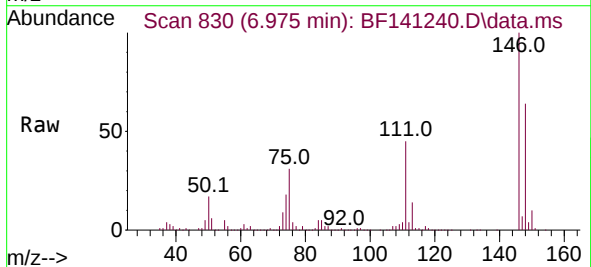
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion:146 Resp: 411957
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.6
111 43.6 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 33.619 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:146 Resp: 395752
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.4
111 44.6 37.5 56.3

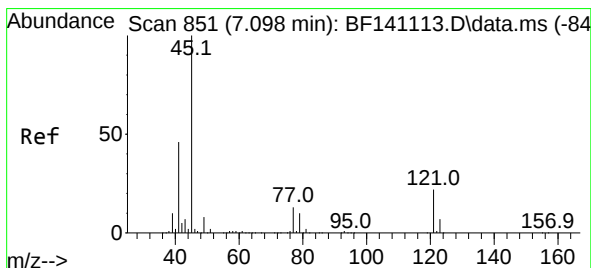
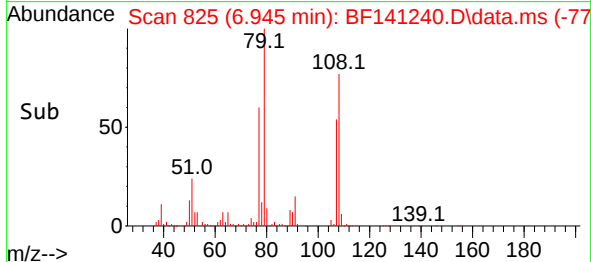
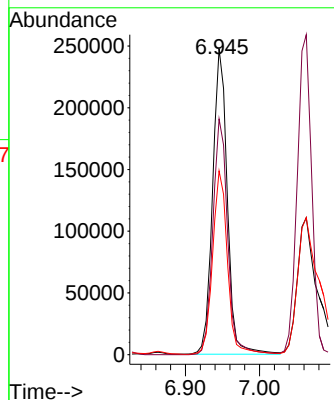
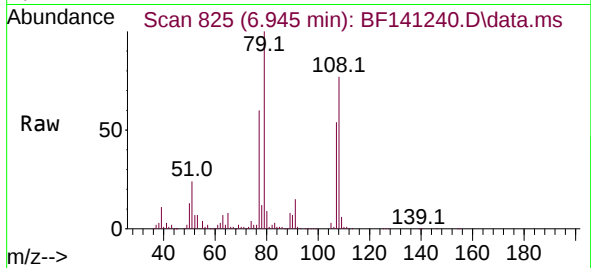




#15
Benzyl Alcohol
Concen: 35.518 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

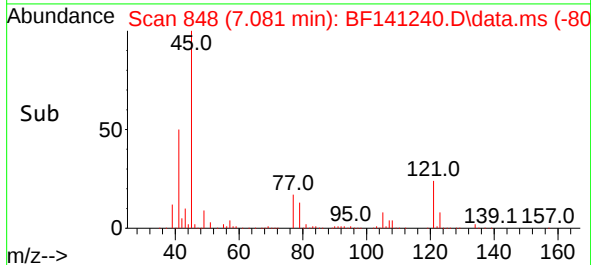
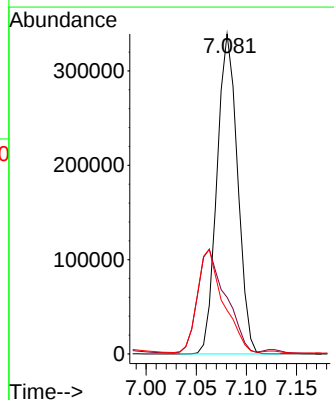
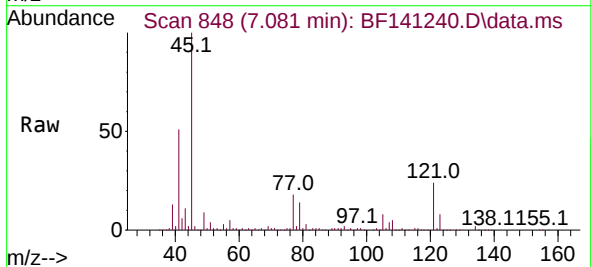
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

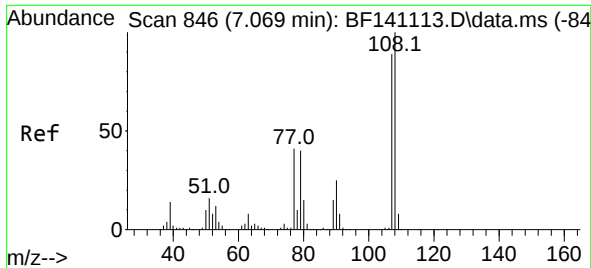
Tgt Ion: 79 Resp: 340044
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 60.1 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.751 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion: 45 Resp: 483343
Ion Ratio Lower Upper
45 100
77 17.7 0.0 34.1
79 13.7 0.0 31.0

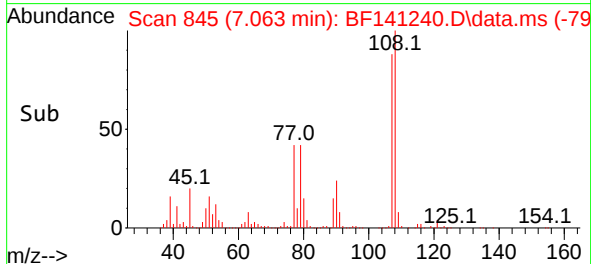
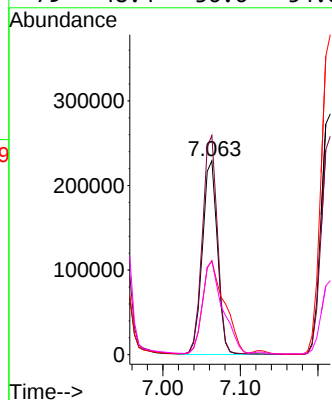
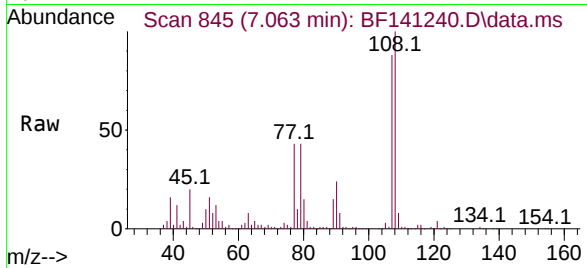




#17
2-Methylphenol
Concen: 34.293 ng
RT: 7.063 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

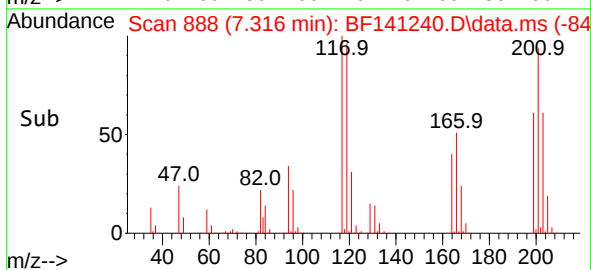
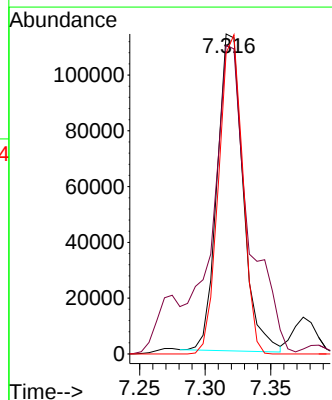
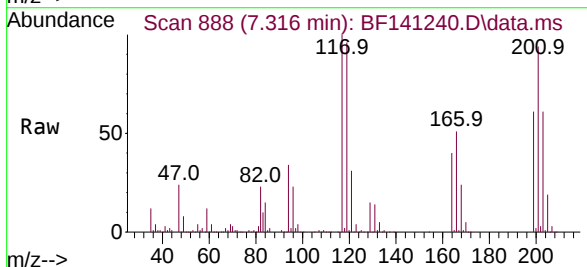
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion:107 Resp: 310864
Ion Ratio Lower Upper
107 100
108 113.1 90.1 135.1
77 48.5 36.6 55.0
79 48.4 36.6 54.8



#18
Hexachloroethane
Concen: 34.036 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:117 Resp: 155328
Ion Ratio Lower Upper
117 100
119 96.4 77.6 116.4
201 94.0 75.1 112.7



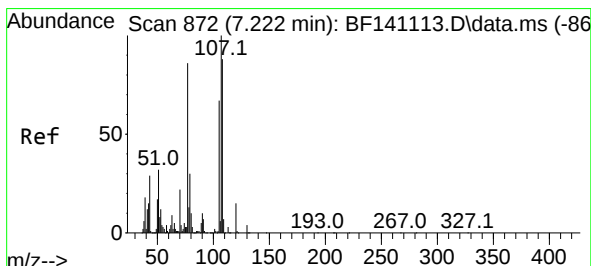
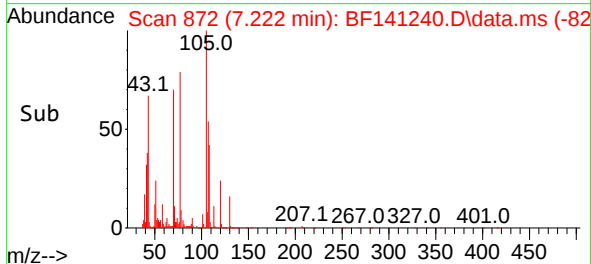
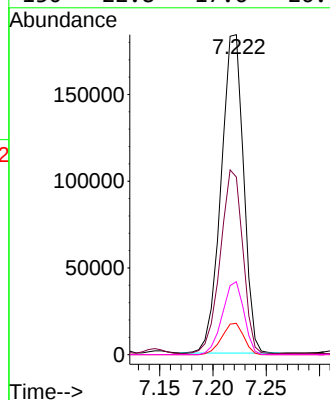
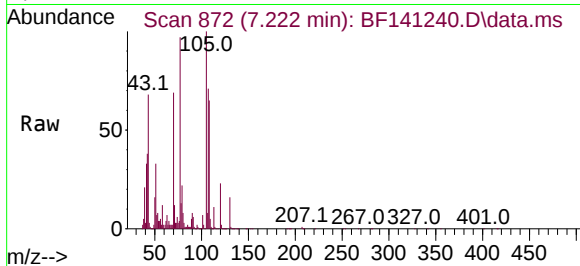


#19
n-Nitroso-di-n-propylamine
Concen: 34.477 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion: 70 Resp: 269234

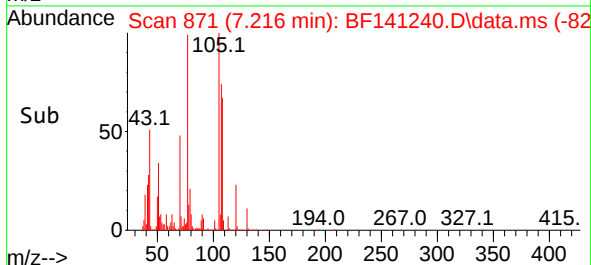
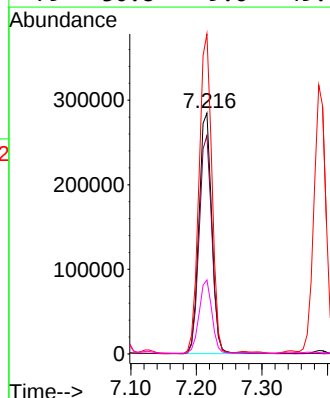
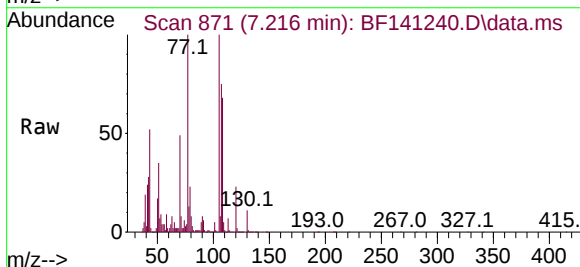
Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.8	71.6
101	9.8	7.9	11.9
130	22.8	17.6	26.4

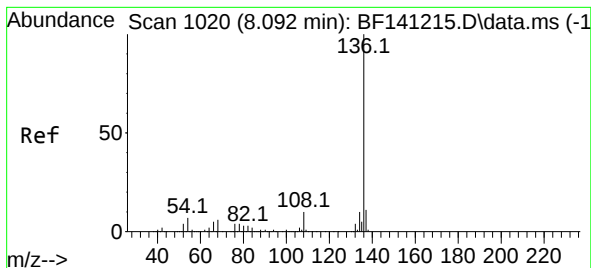


#20
3+4-Methylphenols
Concen: 33.799 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion: 107 Resp: 386545

Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.3	108.3
77	132.9	66.4	106.4#
79	30.8	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

Tgt Ion:136 Resp: 603251

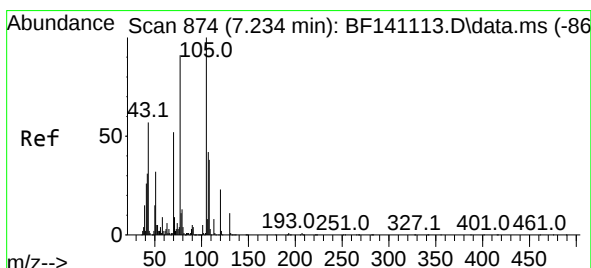
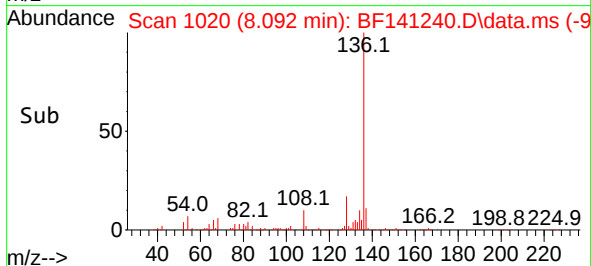
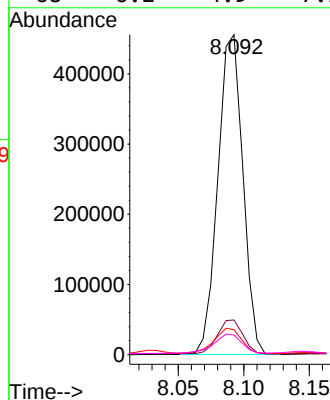
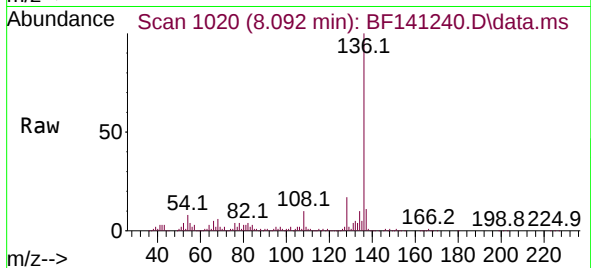
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 6.3 9.5

68 6.2 4.9 7.3



#22

Acetophenone

Concen: 36.885 ng

RT: 7.216 min Scan# 871

Delta R.T. -0.018 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Tgt Ion:105 Resp: 528957

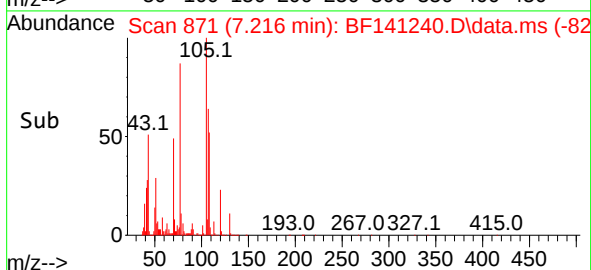
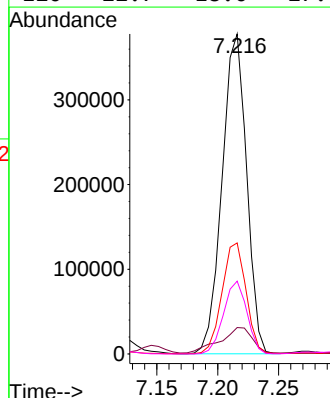
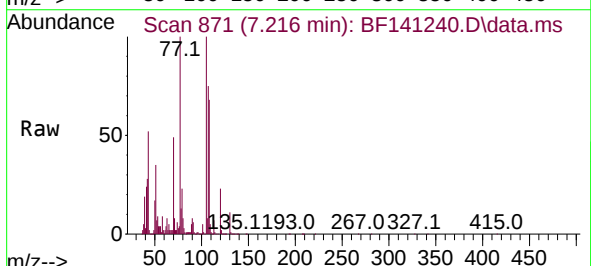
Ion Ratio Lower Upper

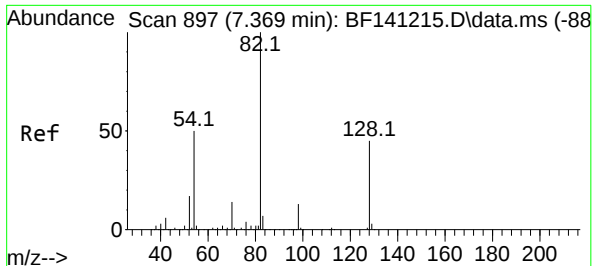
105 100

71 8.3 7.1 10.7

51 34.7 25.4 38.2

120 22.7 18.0 27.0

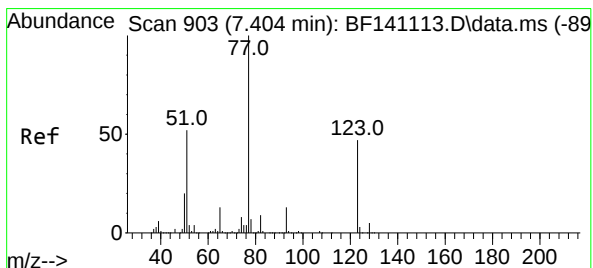
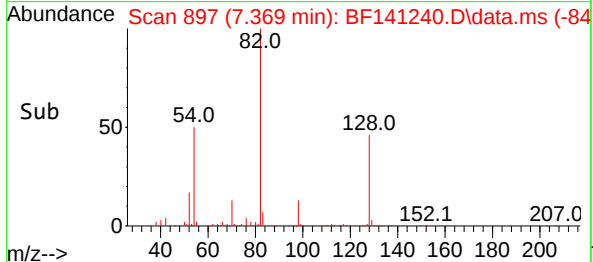
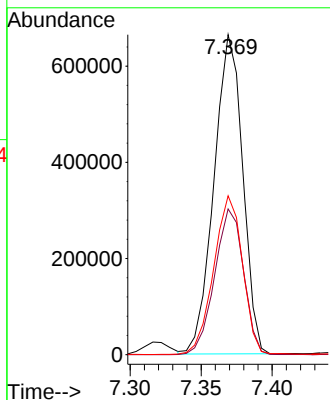
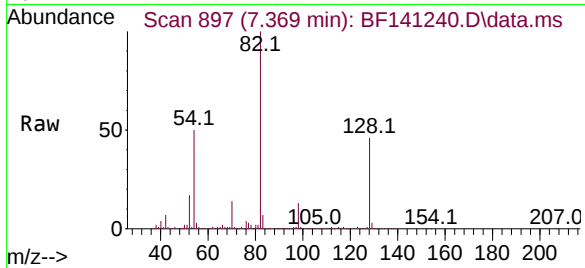




#23
Nitrobenzene-d5
Concen: 82.054 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

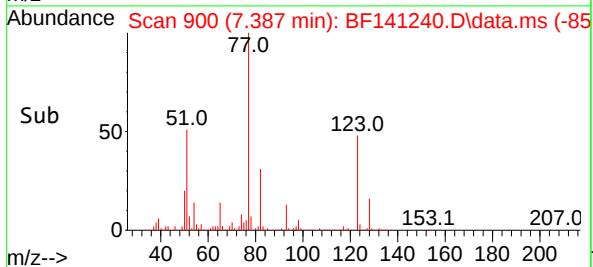
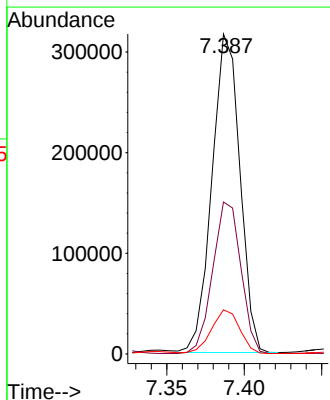
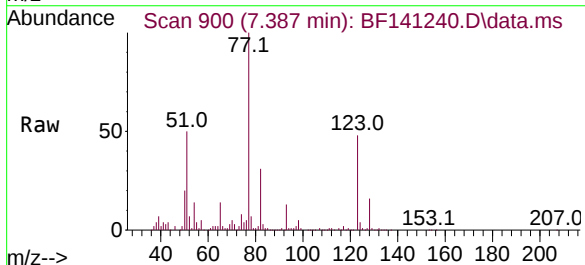
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion: 82 Resp: 933794
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 49.6 41.0 61.4



#24
Nitrobenzene
Concen: 33.460 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion: 77 Resp: 396856
Ion Ratio Lower Upper
77 100
123 47.5 37.7 56.5
65 13.8 10.6 16.0

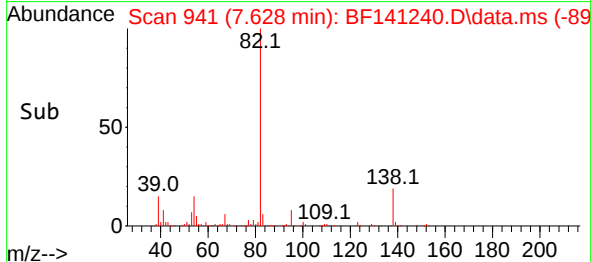
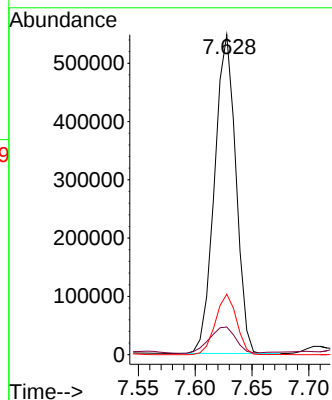
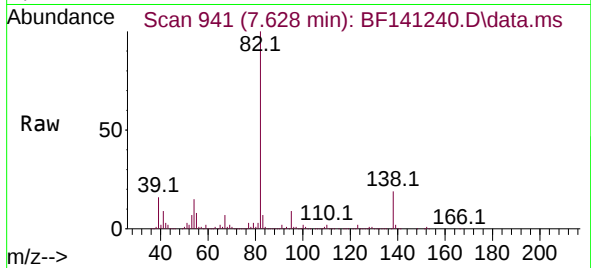




#25
Isophorone
Concen: 36.717 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

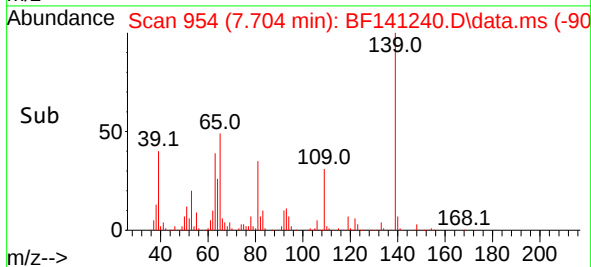
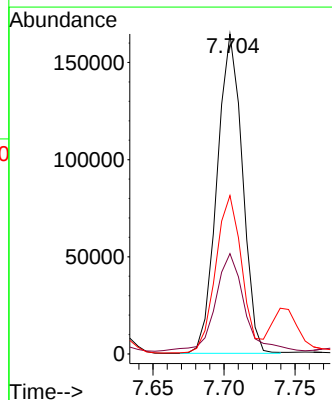
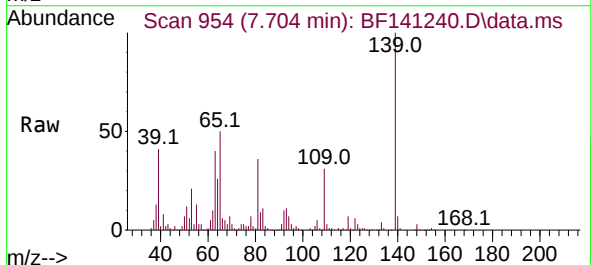
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion: 82 Resp: 714081
Ion Ratio Lower Upper
82 100
95 8.7 5.9 8.9
138 18.9 14.2 21.2



#26
2-Nitrophenol
Concen: 37.836 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion: 139 Resp: 204132
Ion Ratio Lower Upper
139 100
109 31.4 23.8 35.6
65 49.5 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 42.825 ng m

RT: 7.739 min Scan# 9

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

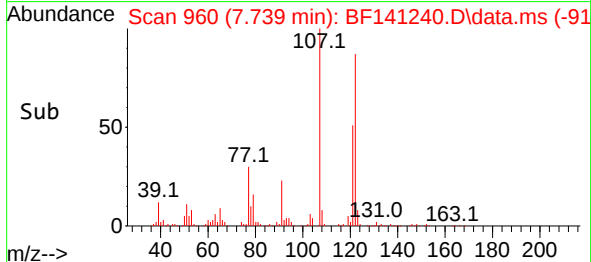
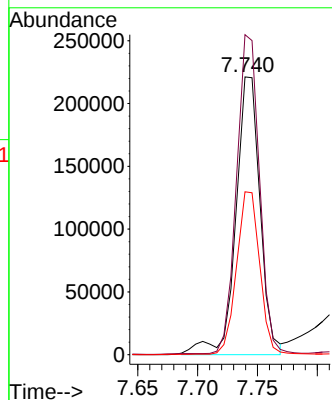
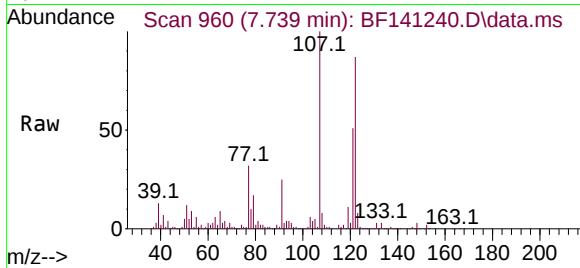
Tgt Ion:122 Resp: 311653

Ion Ratio Lower Upper

122 100

107 115.2 90.3 135.5

121 58.7 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 35.592 ng

RT: 7.839 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

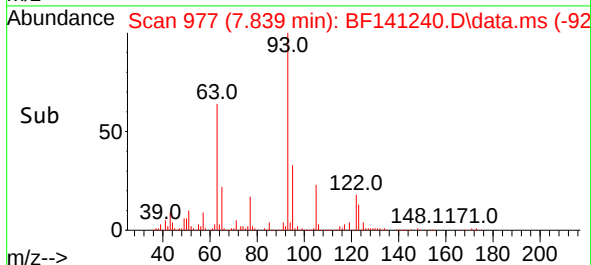
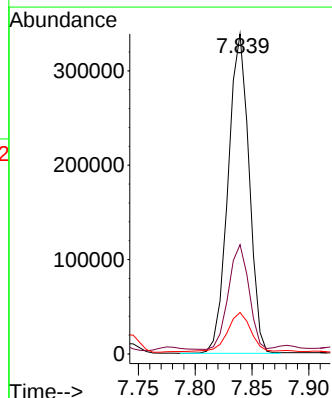
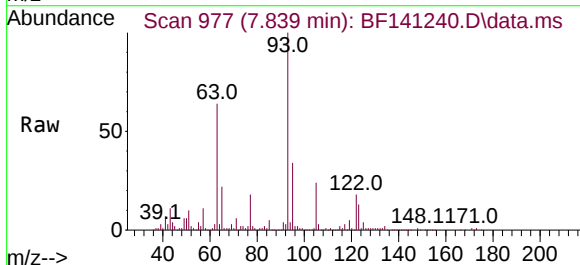
Tgt Ion: 93 Resp: 434422

Ion Ratio Lower Upper

93 100

95 34.1 26.2 39.4

123 13.0 10.1 15.1

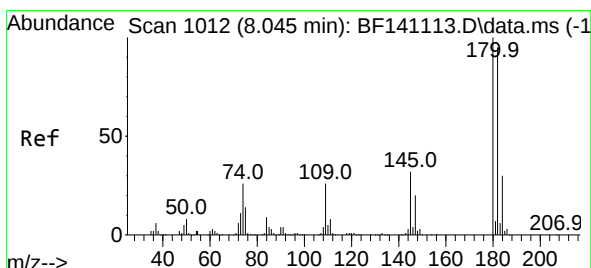
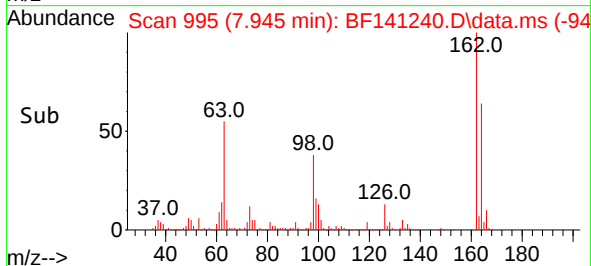
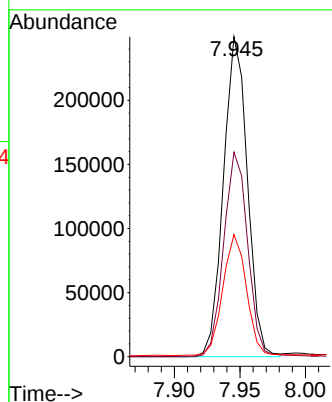
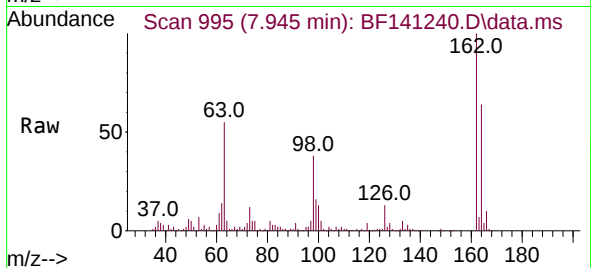




#29
2,4-Dichlorophenol
Concen: 36.680 ng
RT: 7.945 min Scan# 995
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

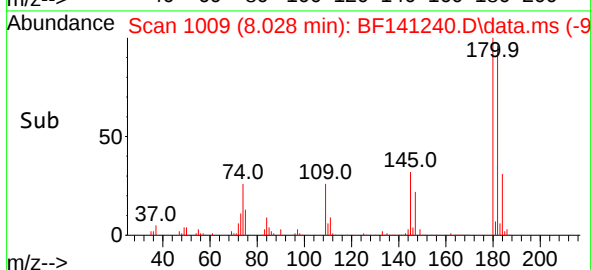
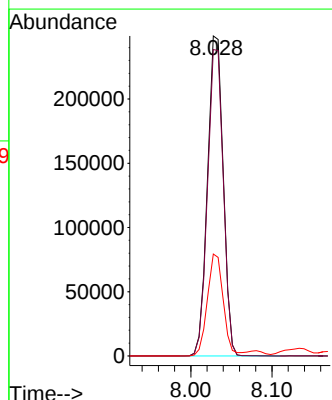
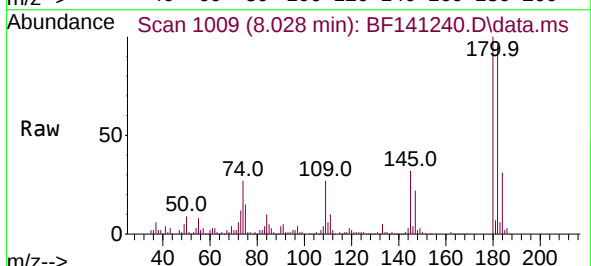
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion:162 Resp: 317026
Ion Ratio Lower Upper
162 100
164 63.9 44.5 84.5
98 38.1 18.5 58.5



#30
1,2,4-Trichlorobenzene
Concen: 33.841 ng
RT: 8.028 min Scan# 1009
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:180 Resp: 334332
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.2
145 31.8 25.3 37.9

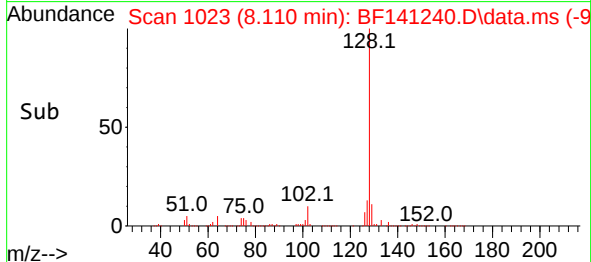
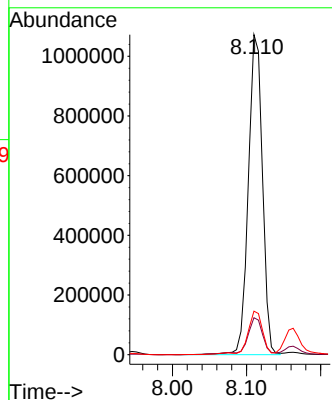
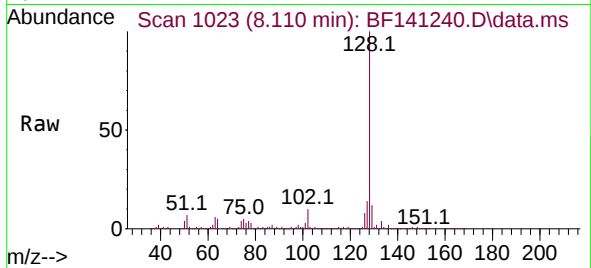




#31
Naphthalene
Concen: 44.417 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

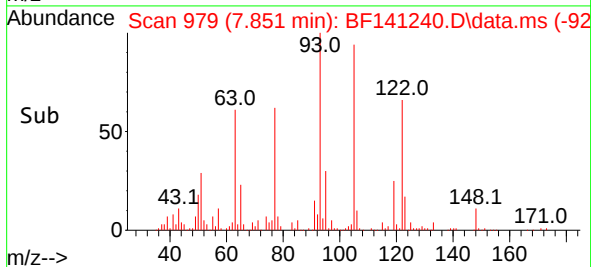
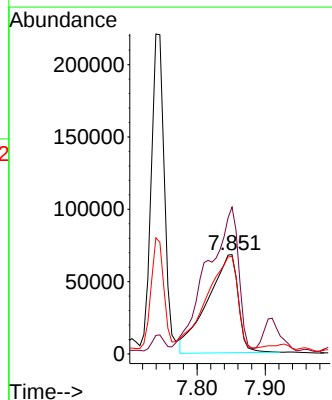
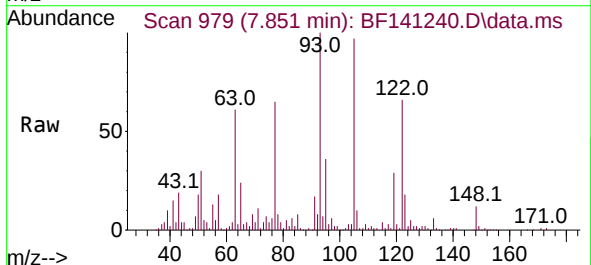
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion:128 Resp: 1413033
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 30.353 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:122 Resp: 211897
Ion Ratio Lower Upper
122 100
105 147.8 105.5 145.5#
77 98.3 75.1 115.1





#33

4-Chloroaniline

Concen: 11.986 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

Tgt Ion:127 Resp: 131869

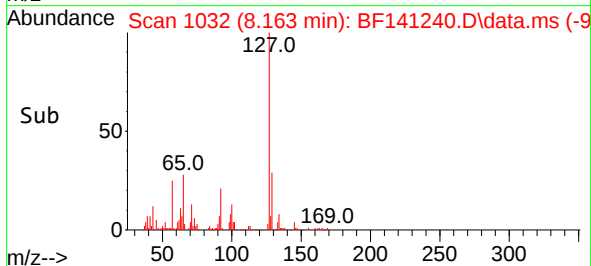
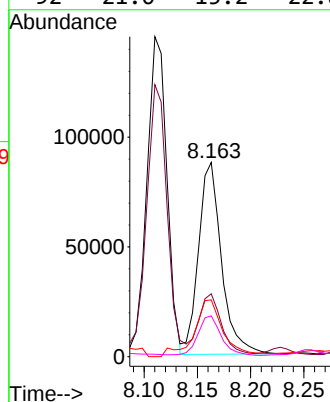
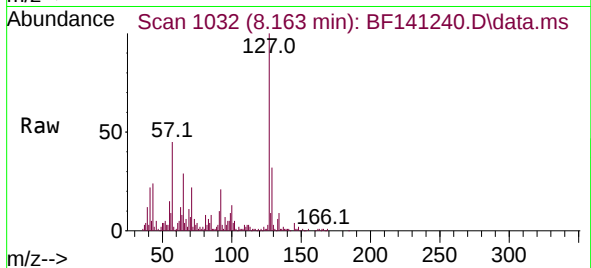
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 29.3 23.8 35.8

92 21.0 15.2 22.8



#34

Hexachlorobutadiene

Concen: 35.142 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.018 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

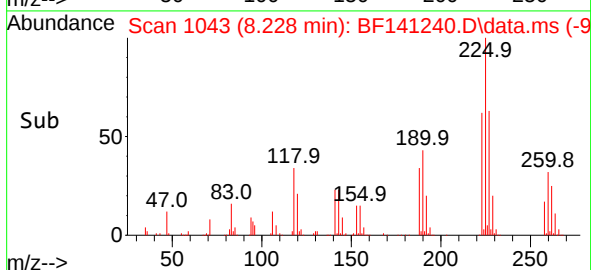
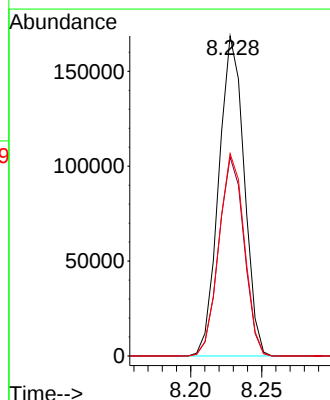
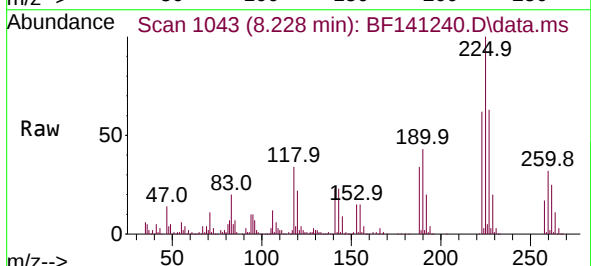
Tgt Ion:225 Resp: 209195

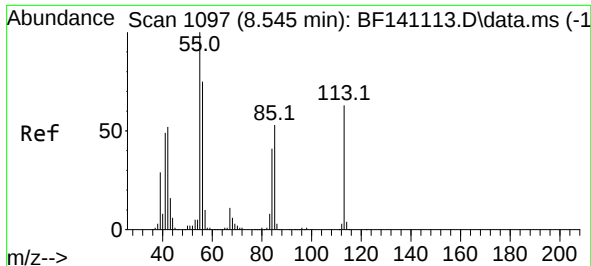
Ion Ratio Lower Upper

225 100

223 62.2 50.6 76.0

227 63.3 51.6 77.4

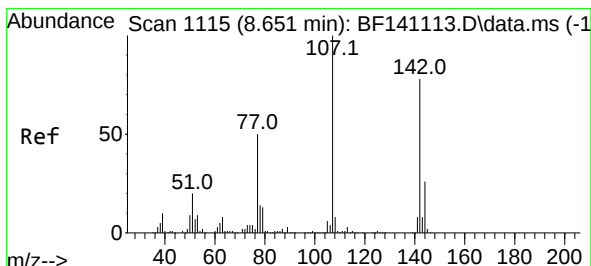
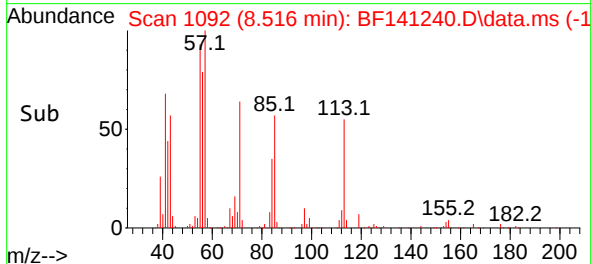
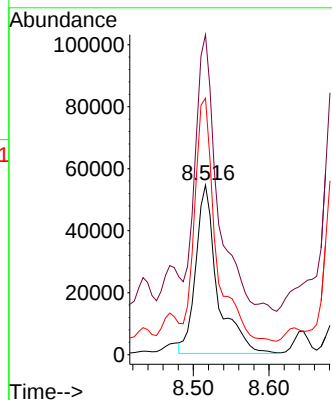
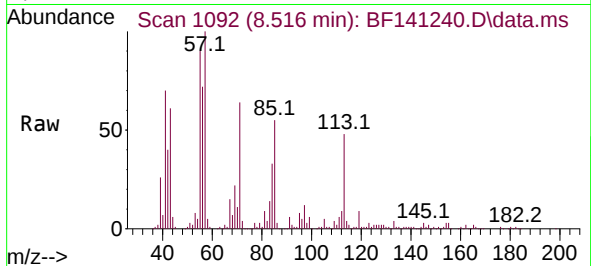




#35
 Caprolactam
 Concen: 38.333 ng m
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141240.D
 Acq: 22 Jan 2025 17:32

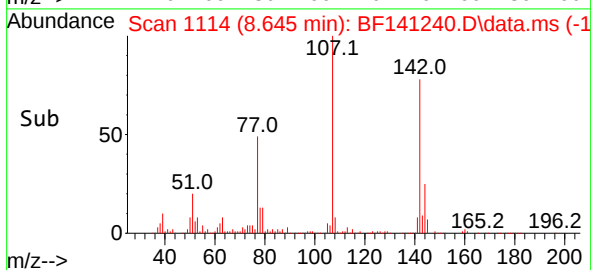
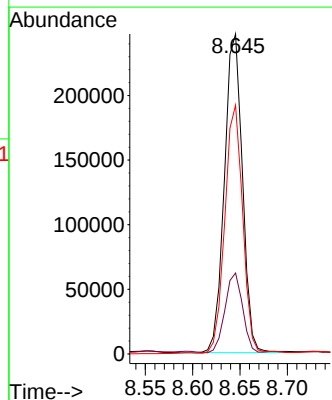
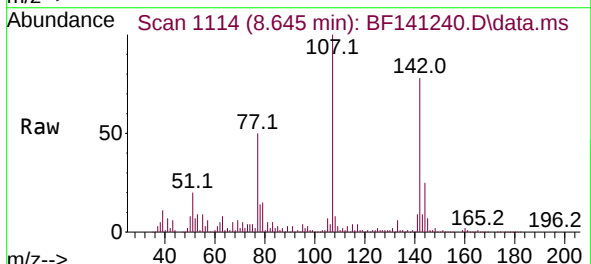
Instrument :
 BNA_F
 ClientSampleId :
 PL-1-012125MS

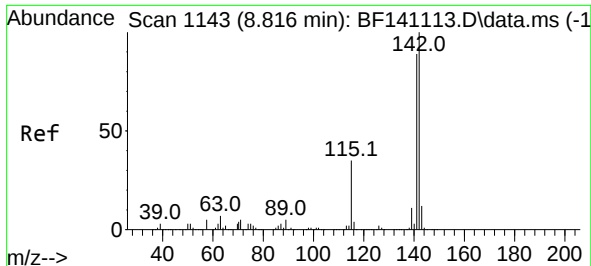
Tgt Ion:113 Resp: 108471
 Ion Ratio Lower Upper
 113 100
 55 188.6 139.7 179.7#
 56 151.3 99.4 139.4#



#36
 4-Chloro-3-methylphenol
 Concen: 34.569 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: BF141240.D
 Acq: 22 Jan 2025 17:32

Tgt Ion:107 Resp: 326768
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.4 30.6
 142 77.7 62.2 93.2





#37

2-Methylnaphthalene

Concen: 43.150 ng

RT: 8.804 min Scan# 1141

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

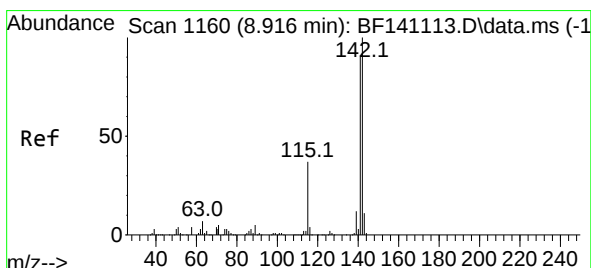
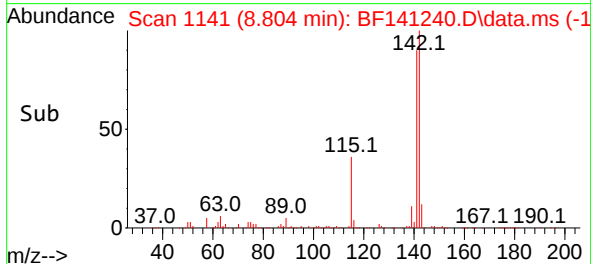
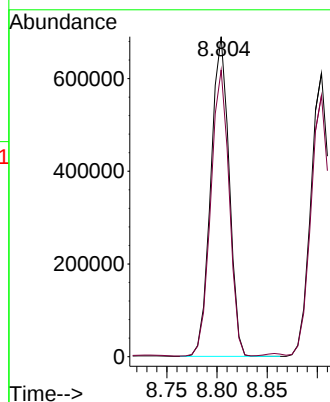
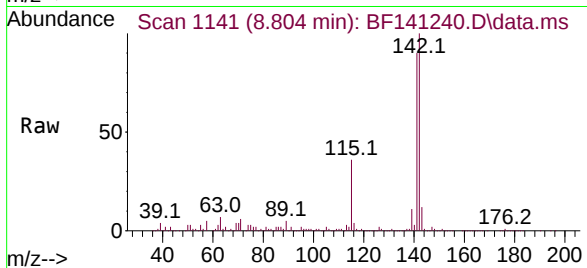
PL-1-012125MS

Tgt Ion:142 Resp: 874753

Ion Ratio Lower Upper

142 100

141 89.6 71.3 106.9



#38

1-Methylnaphthalene

Concen: 39.001 ng

RT: 8.904 min Scan# 1158

Delta R.T. -0.012 min

Lab File: BF141240.D

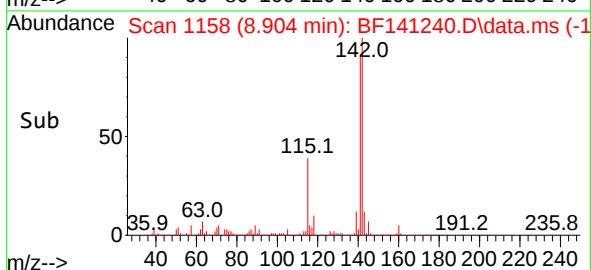
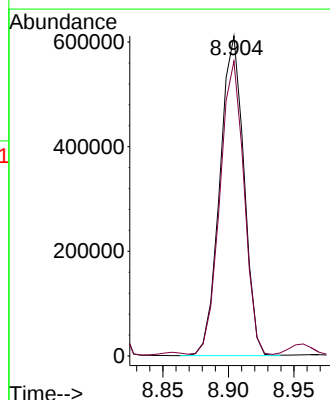
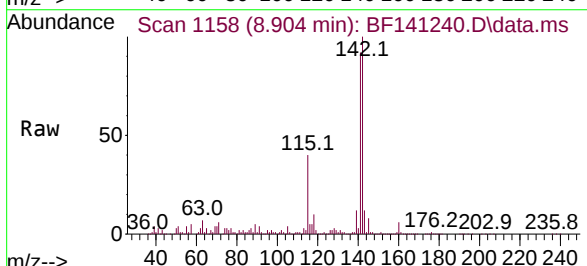
Acq: 22 Jan 2025 17:32

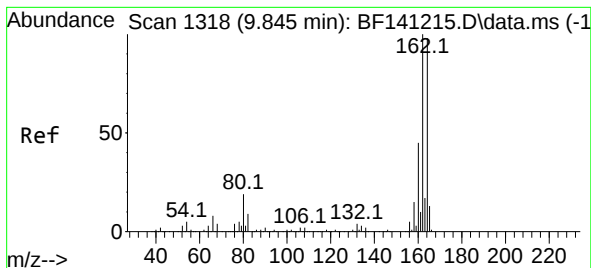
Tgt Ion:142 Resp: 779204

Ion Ratio Lower Upper

142 100

141 92.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. -0.018 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

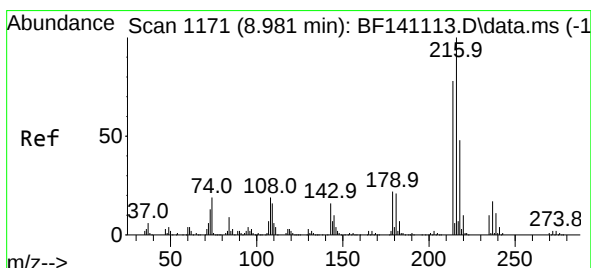
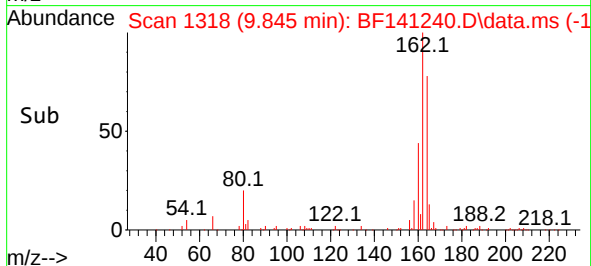
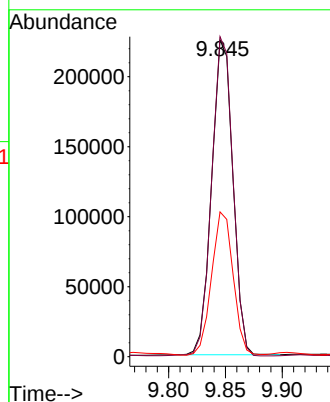
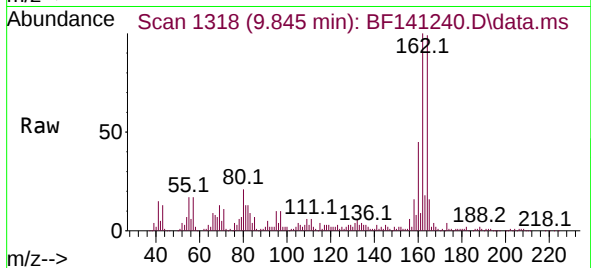
Tgt Ion:164 Resp: 292439

Ion Ratio Lower Upper

164 100

162 101.1 81.0 121.4

160 45.7 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.605 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Tgt Ion:216 Resp: 324037

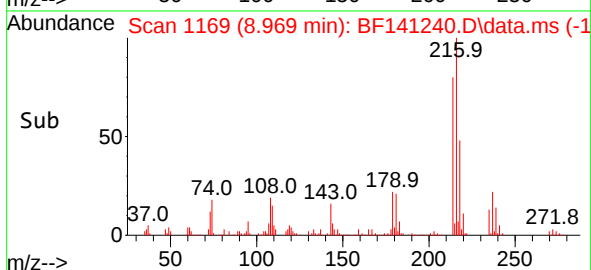
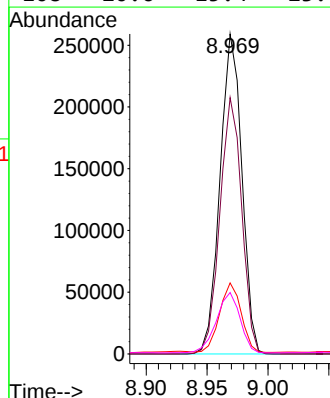
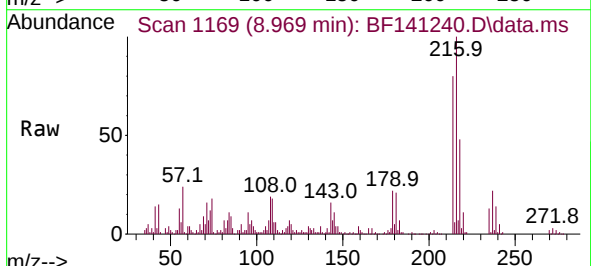
Ion Ratio Lower Upper

216 100

214 79.8 62.6 94.0

179 21.6 17.7 26.5

108 20.6 15.4 23.0

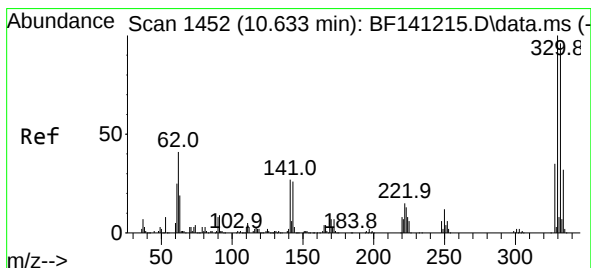
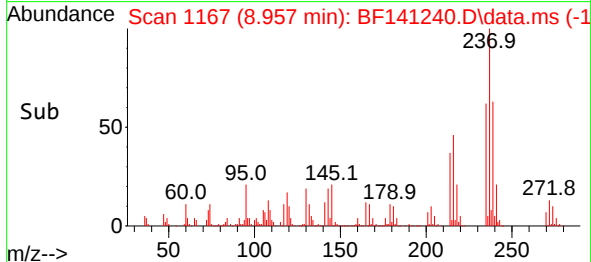
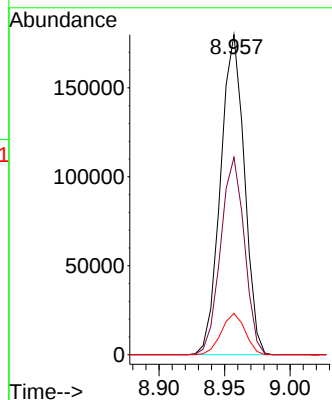
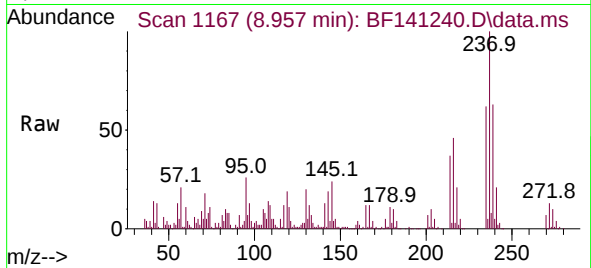




#41
Hexachlorocyclopentadiene
Concen: 82.745 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

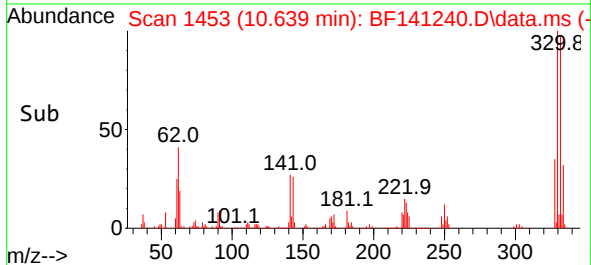
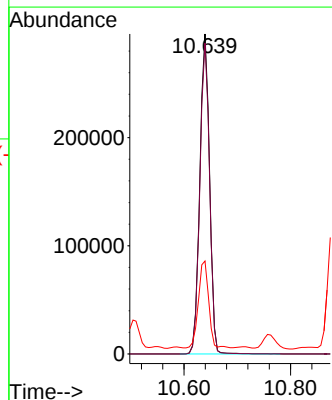
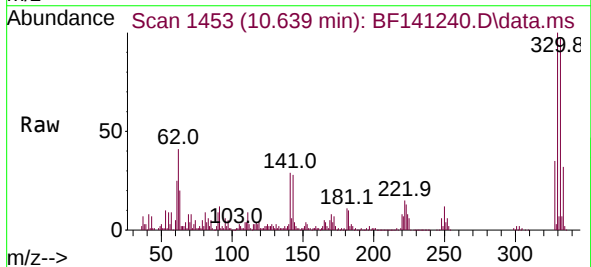
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion:237 Resp: 227226
Ion Ratio Lower Upper
237 100
235 61.6 43.0 83.0
272 12.9 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 112.972 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:330 Resp: 376439
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 28.5 25.2 37.8

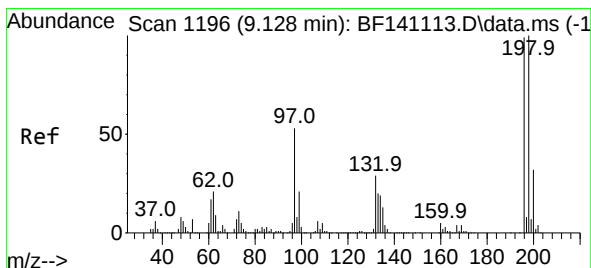
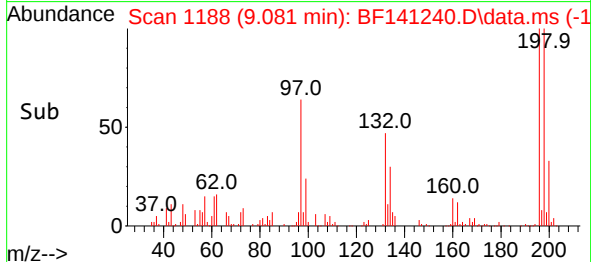
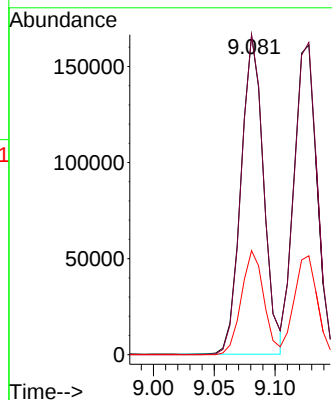
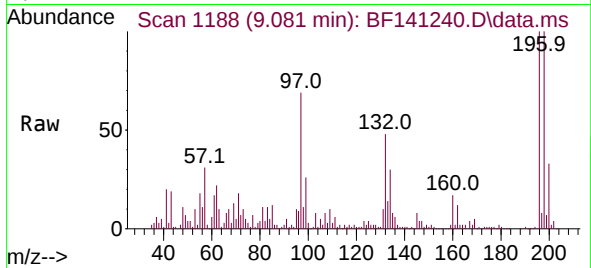




#43
2,4,6-Trichlorophenol
Concen: 37.843 ng
RT: 9.081 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

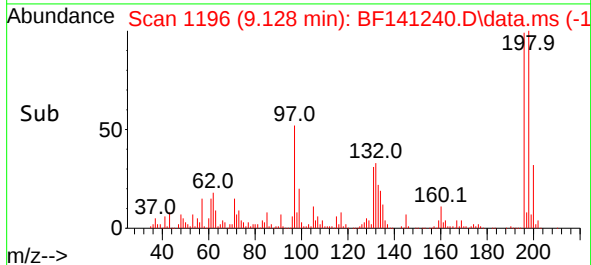
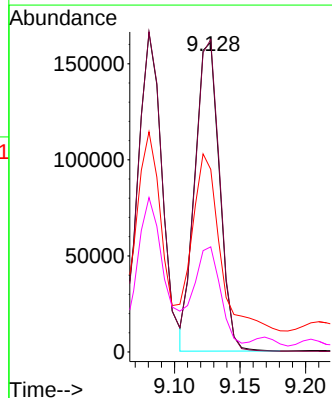
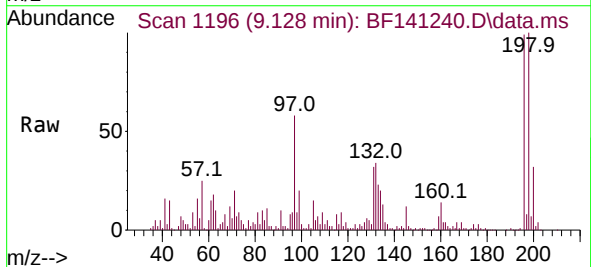
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

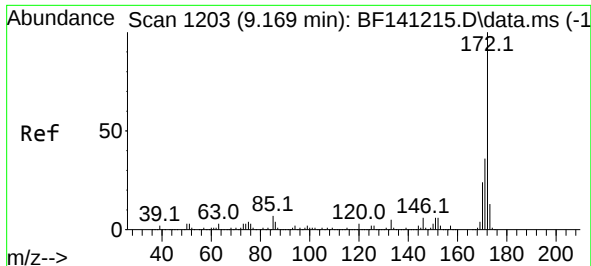
Tgt Ion:196 Resp: 214227
Ion Ratio Lower Upper
196 100
198 100.2 80.8 121.2
200 32.6 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 35.281 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:196 Resp: 210932
Ion Ratio Lower Upper
196 100
198 100.9 80.6 120.8
97 59.0 43.1 64.7
132 34.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 80.944 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

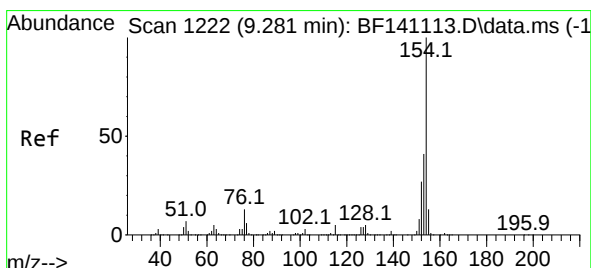
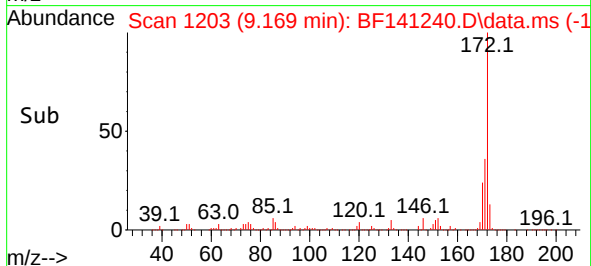
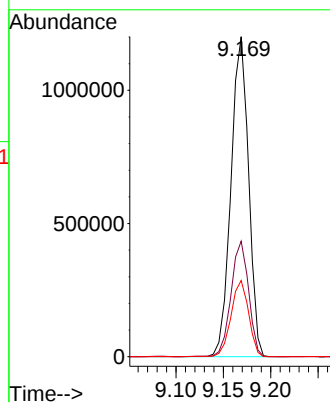
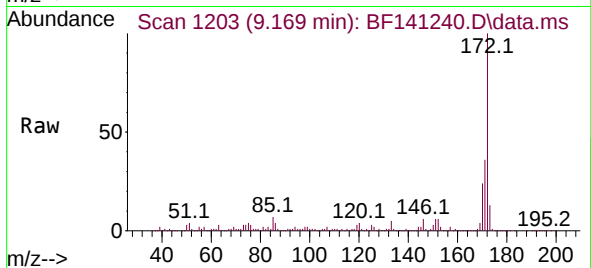
Tgt Ion:172 Resp: 1550135

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 39.829 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

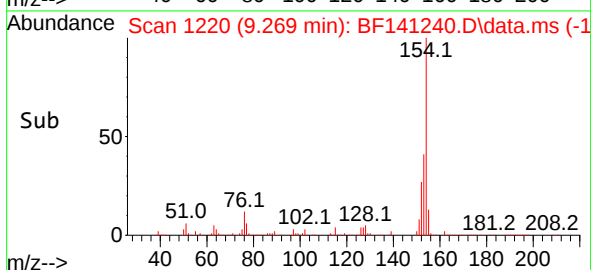
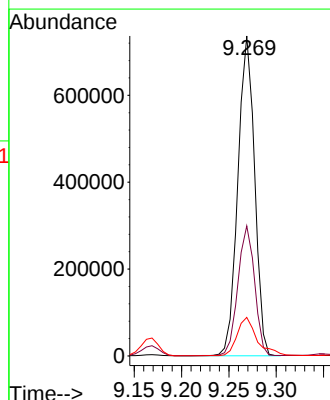
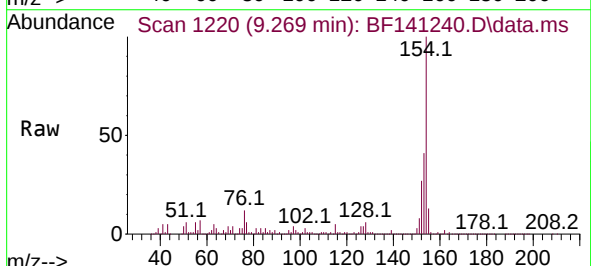
Tgt Ion:154 Resp: 904546

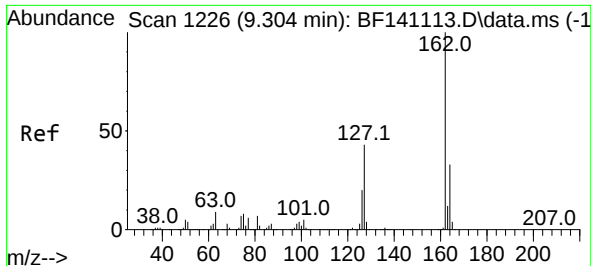
Ion Ratio Lower Upper

154 100

153 40.7 20.7 60.7

76 12.0 0.0 33.1





#47

2-Chloronaphthalene

Concen: 35.524 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

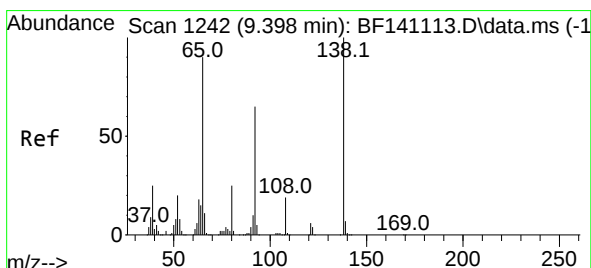
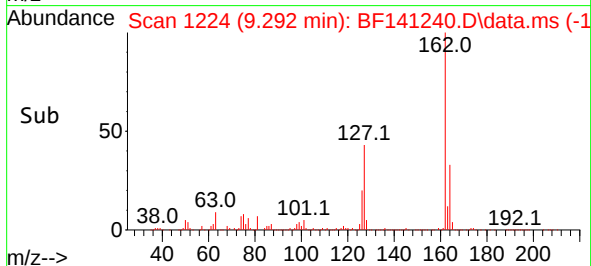
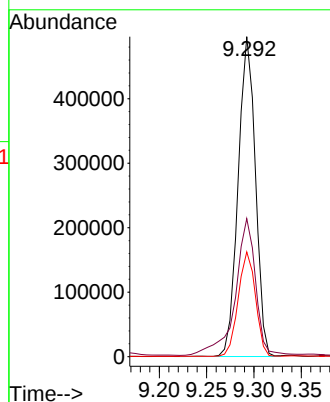
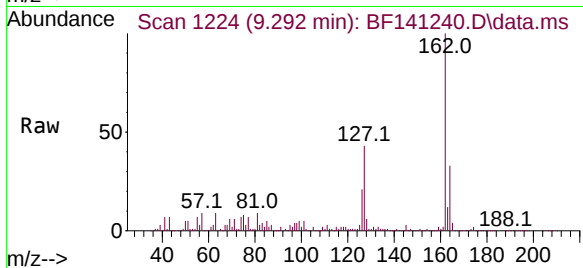
Tgt Ion:162 Resp: 628383

Ion Ratio Lower Upper

162 100

127 43.2 34.6 51.8

164 32.7 26.5 39.7



#48

2-Nitroaniline

Concen: 37.333 ng

RT: 9.386 min Scan# 1240

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

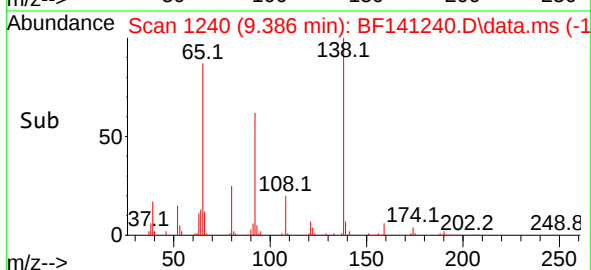
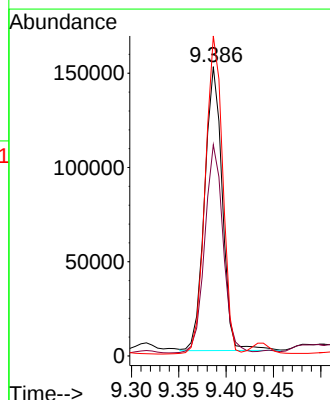
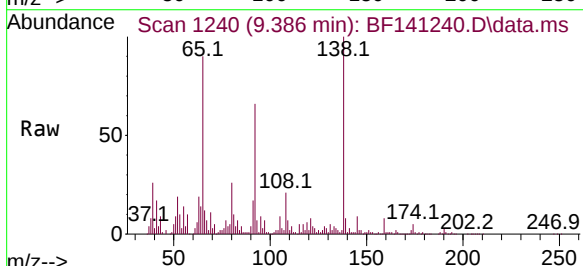
Tgt Ion: 65 Resp: 195758

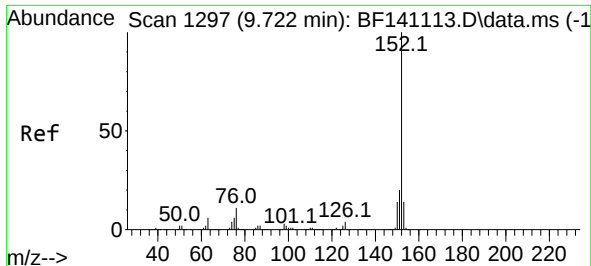
Ion Ratio Lower Upper

65 100

92 73.0 58.3 87.5

138 110.6 89.1 133.7

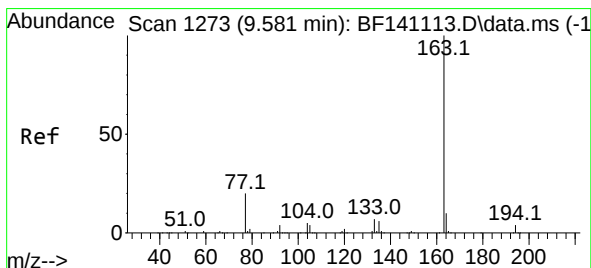
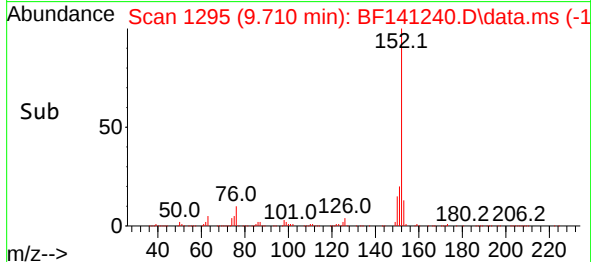
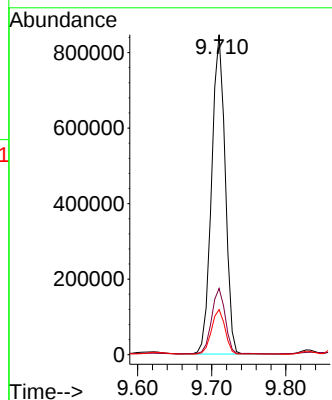
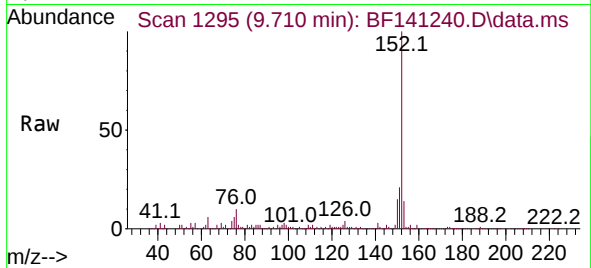




#49
Acenaphthylene
Concen: 42.505 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

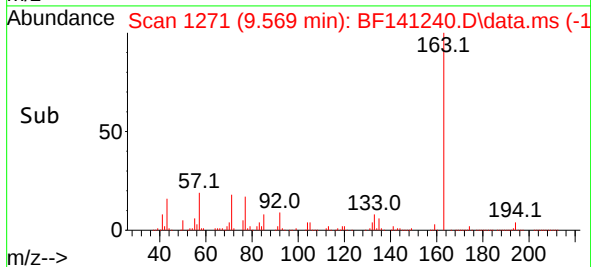
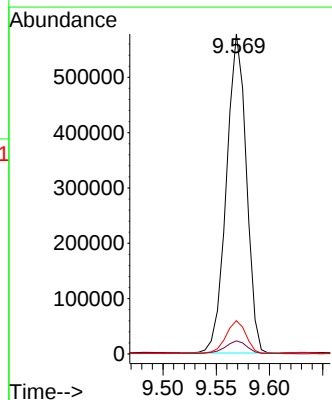
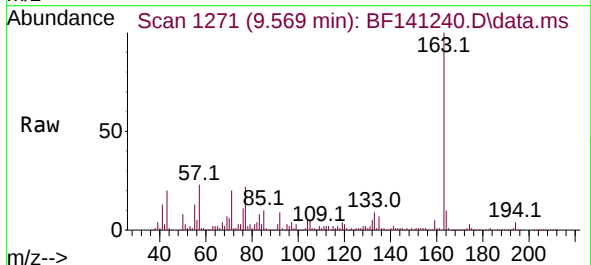
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

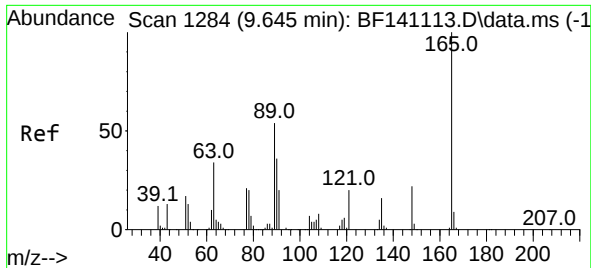
Tgt Ion:152 Resp: 1074199
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.1 11.1 16.7



#50
Dimethylphthalate
Concen: 38.080 ng
RT: 9.569 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:163 Resp: 747617
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.4 8.2 12.4

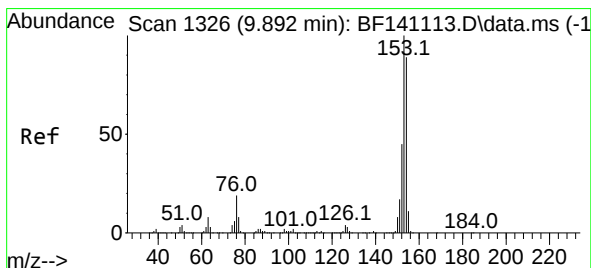
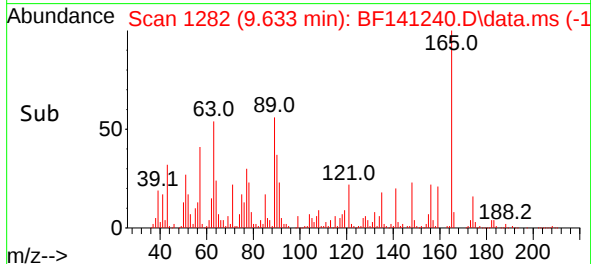
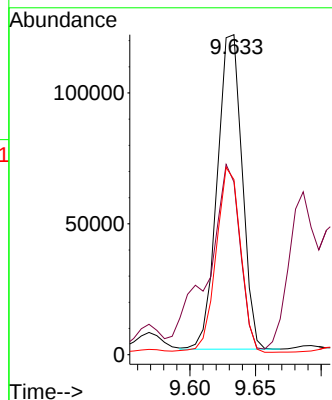
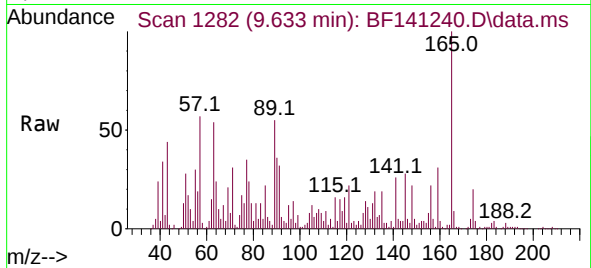




#51
2,6-Dinitrotoluene
Concen: 34.731 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

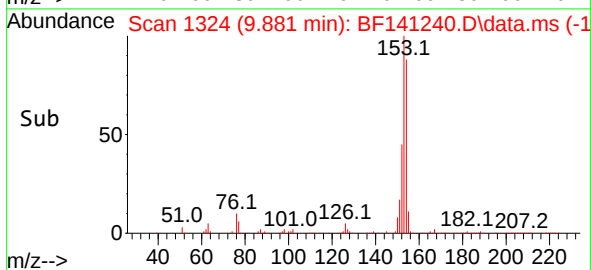
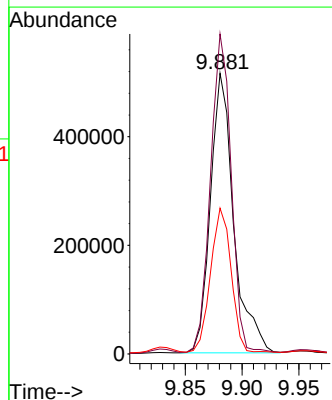
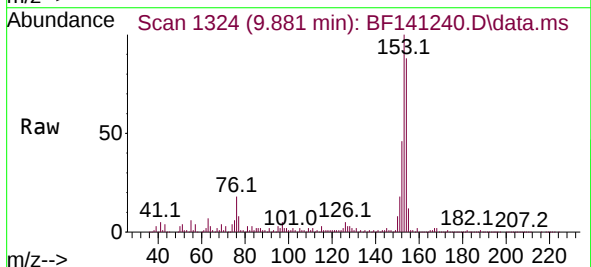
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

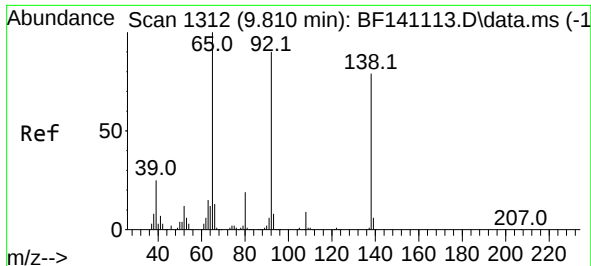
Tgt Ion:165 Resp: 158562
Ion Ratio Lower Upper
165 100
63 54.0 42.3 63.5
89 54.7 43.1 64.7



#52
Acenaphthene
Concen: 41.695 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:154 Resp: 736177
Ion Ratio Lower Upper
154 100
153 114.0 89.8 134.6
152 52.0 40.8 61.2

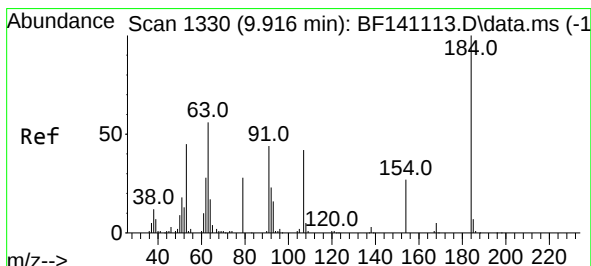
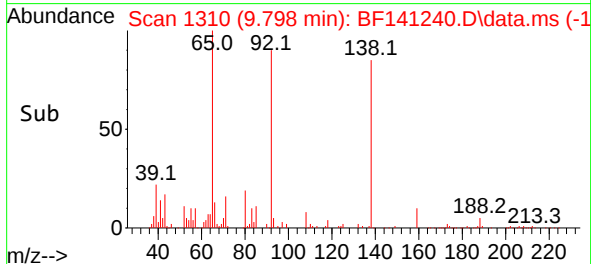
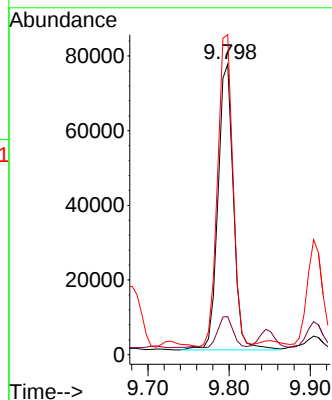
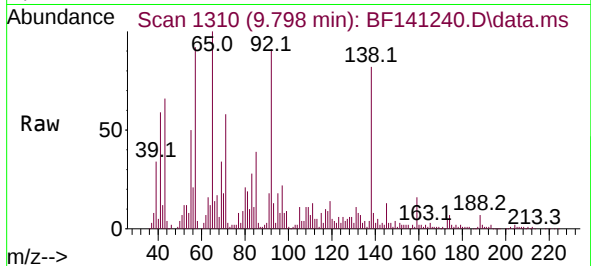




#53
3-Nitroaniline
Concen: 21.911 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

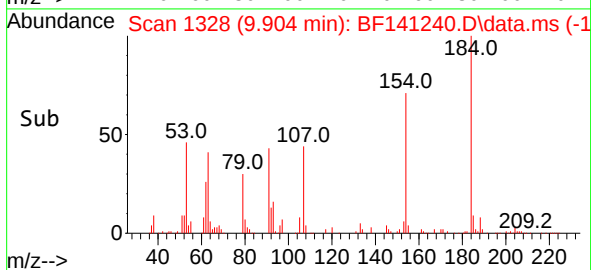
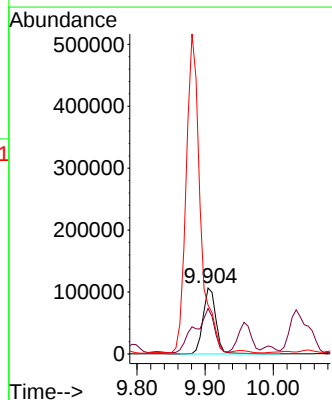
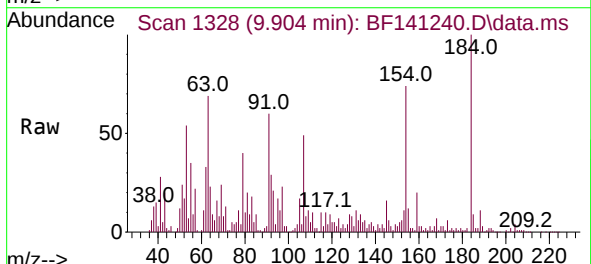
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

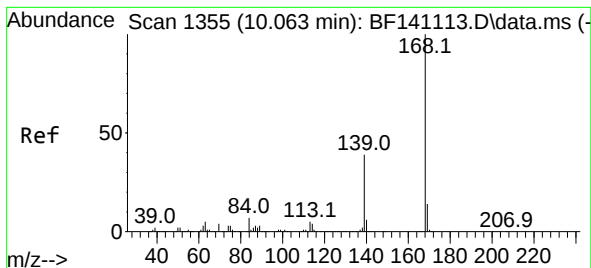
Tgt Ion:138 Resp: 101653
Ion Ratio Lower Upper
138 100
108 13.1 8.8 13.2
92 110.1 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 64.554 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:184 Resp: 140087
Ion Ratio Lower Upper
184 100
63 68.8 48.7 73.1
154 74.0 57.1 85.7

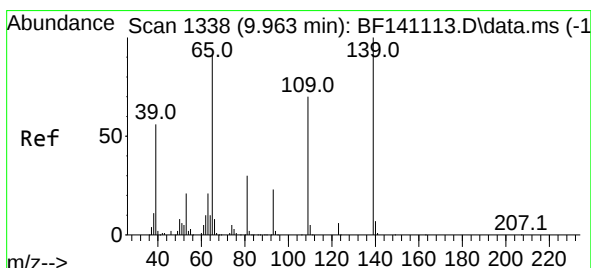
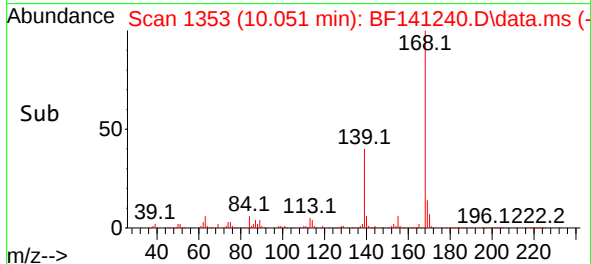
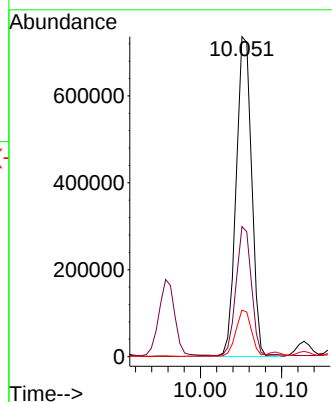
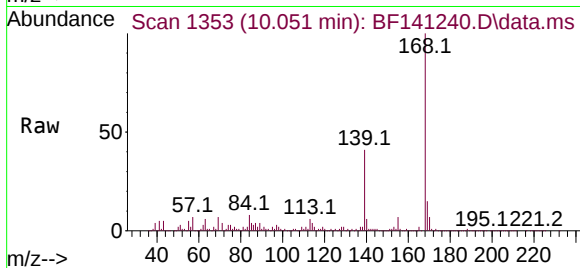




#55
Dibenzenofuran
Concen: 40.486 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

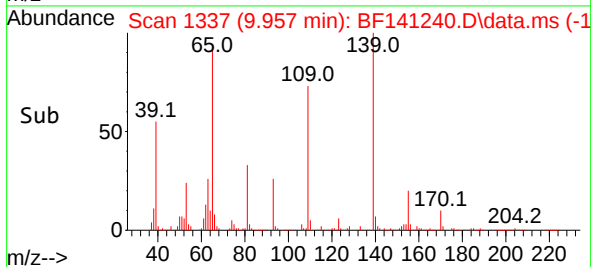
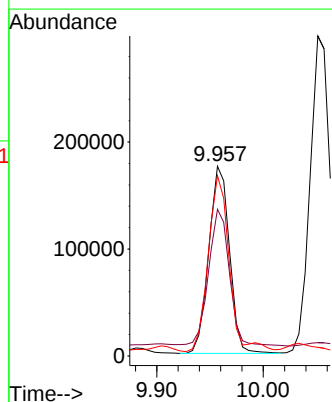
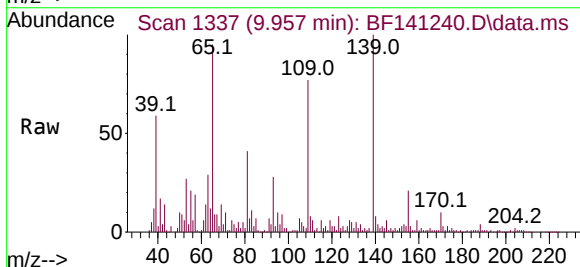
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

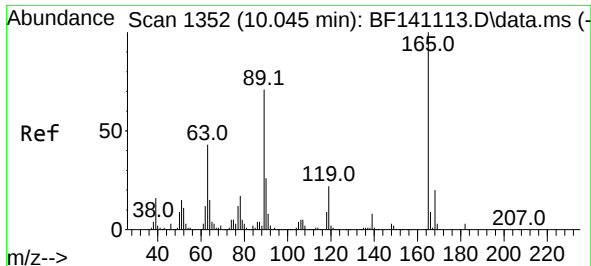
Tgt Ion:168 Resp: 972327
Ion Ratio Lower Upper
168 100
139 40.7 31.4 47.0
169 14.6 10.9 16.3



#56
4-Nitrophenol
Concen: 64.726 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:139 Resp: 235180
Ion Ratio Lower Upper
139 100
109 77.3 50.2 90.2
65 95.0 72.1 112.1

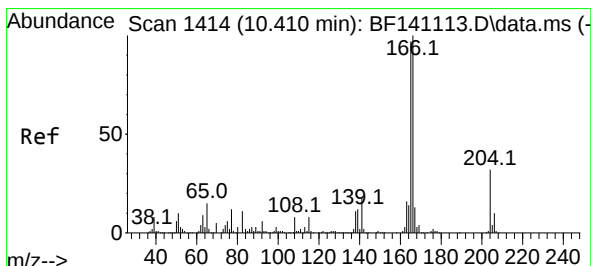
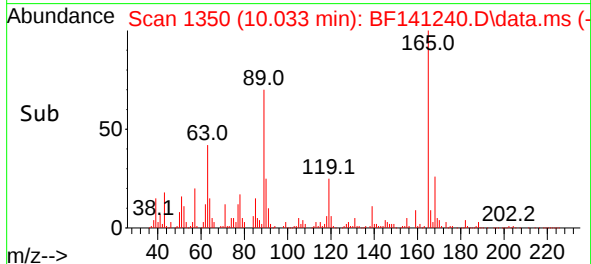
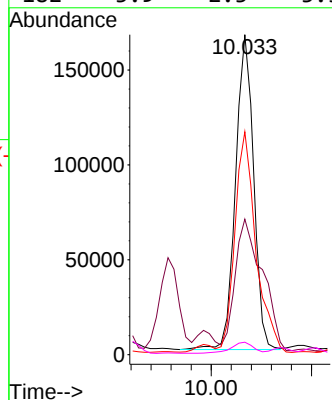
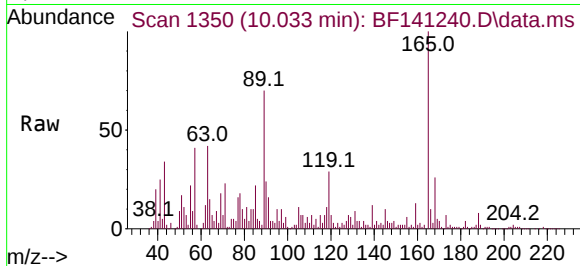




#57
2,4-Dinitrotoluene
Concen: 35.221 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

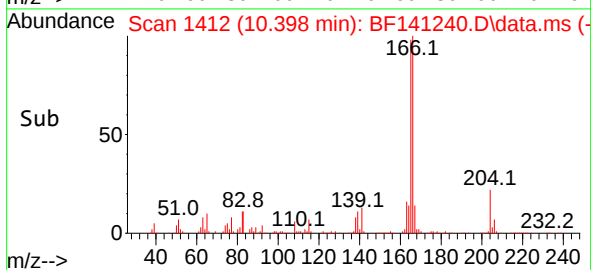
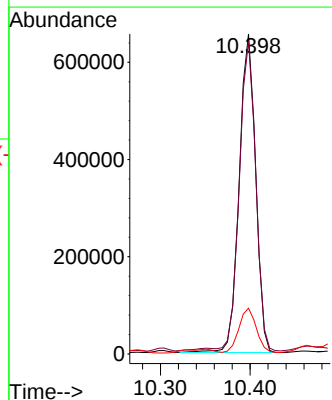
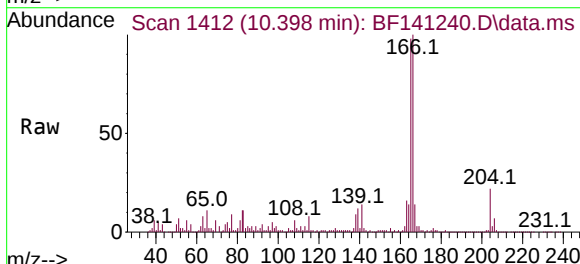
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion:165 Resp: 207229
Ion Ratio Lower Upper
165 100
63 42.4 35.0 52.4
89 69.7 56.7 85.1
182 3.9 2.3 3.5#



#58
Fluorene
Concen: 44.760 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:166 Resp: 835137
Ion Ratio Lower Upper
166 100
165 97.7 77.8 116.8
167 14.3 10.8 16.2

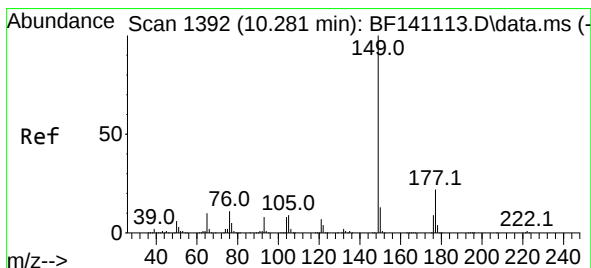
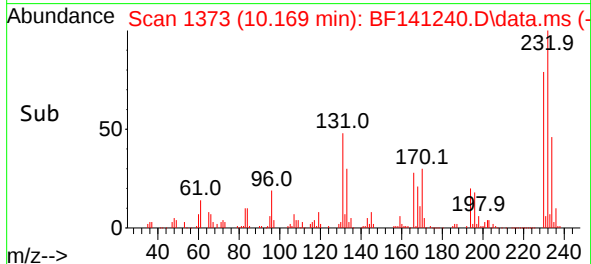
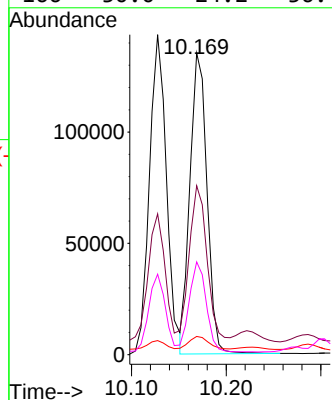
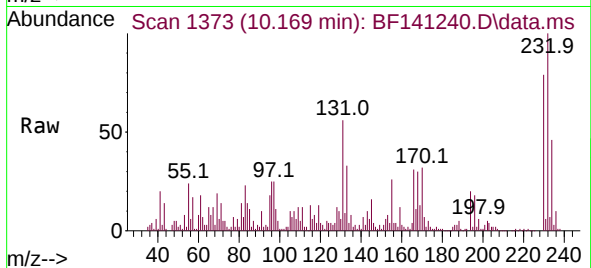




#59
2,3,4,6-Tetrachlorophenol
Concen: 34.037 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

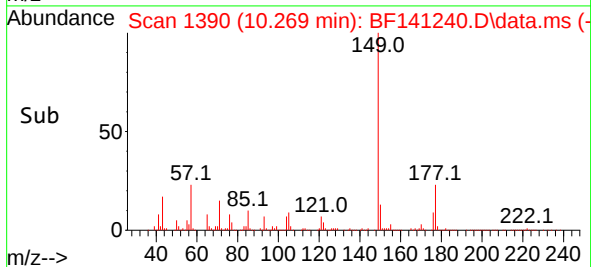
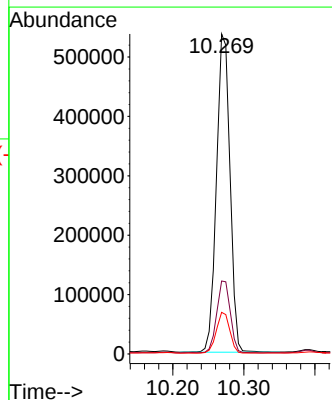
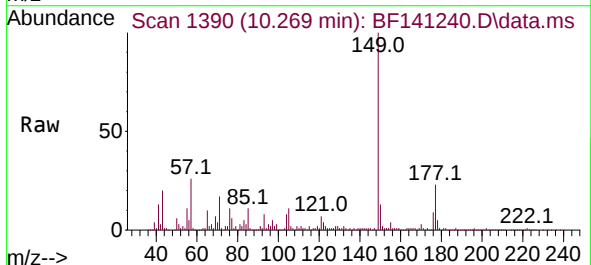
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

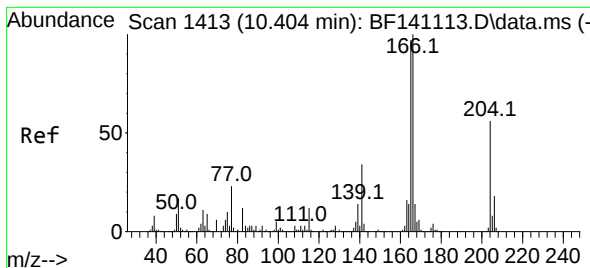
Tgt Ion:232 Resp: 169148
Ion Ratio Lower Upper
232 100
131 53.6 36.2 54.4
130 4.6 2.0 3.0#
166 30.0 24.2 36.4



#60
Diethylphthalate
Concen: 36.797 ng
RT: 10.269 min Scan# 1390
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:149 Resp: 705270
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 13.0 10.2 15.2

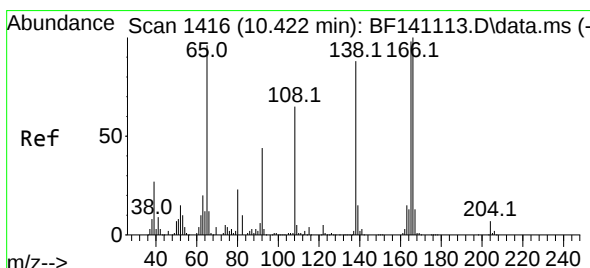
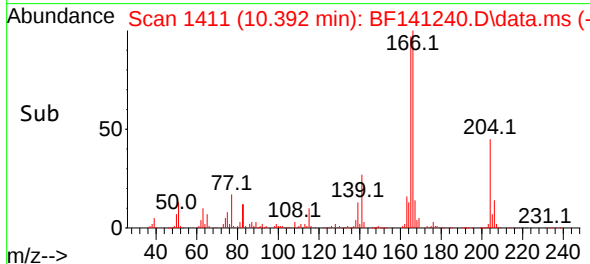
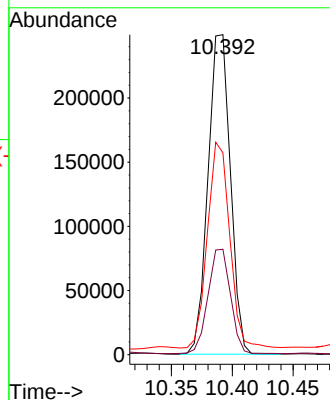
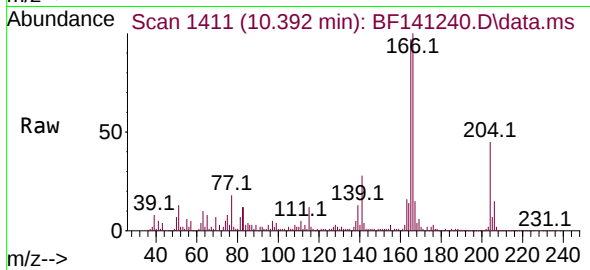




#61
4-Chlorophenyl-phenylether
Concen: 35.040 ng
RT: 10.392 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

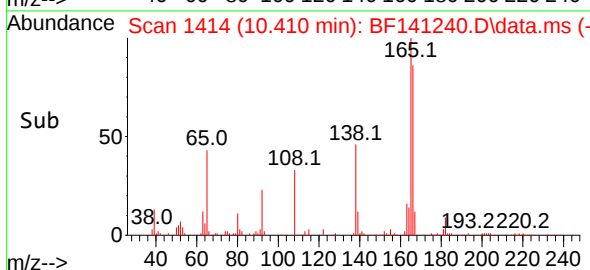
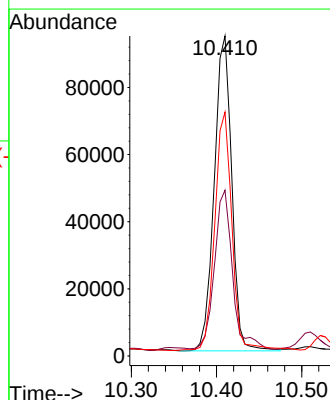
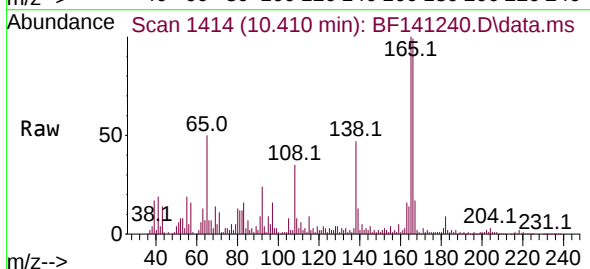
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

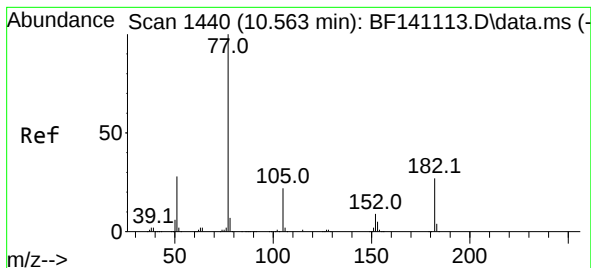
Tgt Ion:204 Resp: 318647
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 63.1 49.1 73.7



#62
4-Nitroaniline
Concen: 29.453 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:138 Resp: 133742
Ion Ratio Lower Upper
138 100
92 51.8 29.4 69.4
108 76.2 53.7 93.7





#63

Azobenzene

Concen: 42.031 ng

RT: 10.551 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

Tgt Ion: 77 Resp: 794886

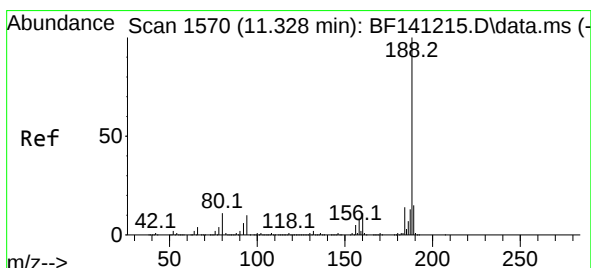
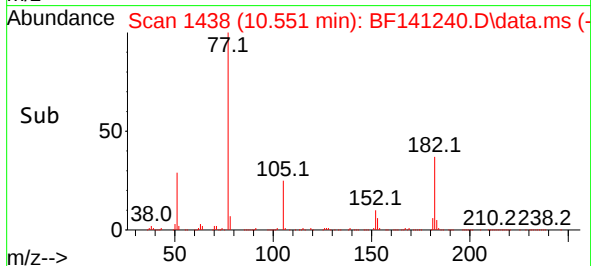
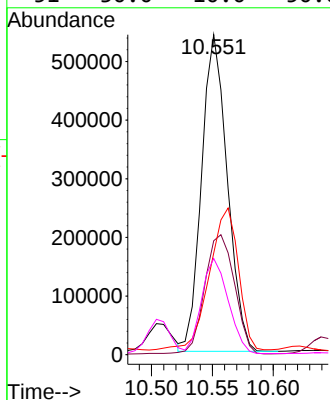
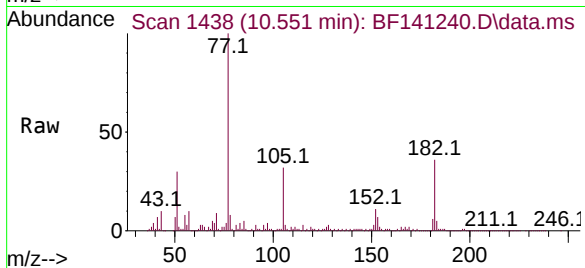
Ion Ratio Lower Upper

77 100

182 35.6 6.1 46.1

105 31.8 2.1 42.1

51 30.0 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

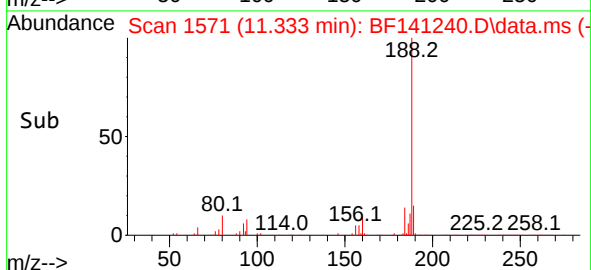
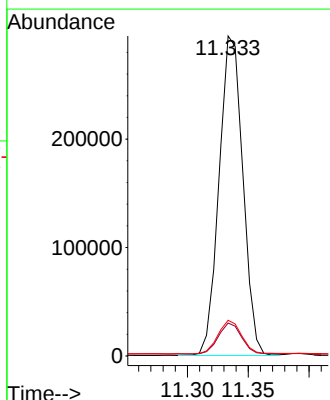
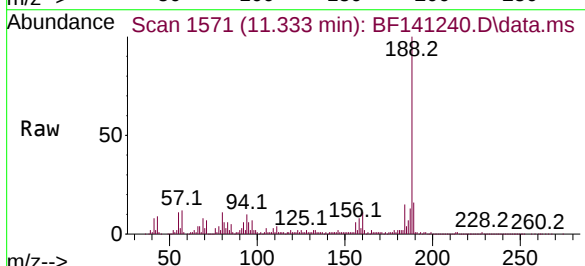
Tgt Ion: 188 Resp: 400525

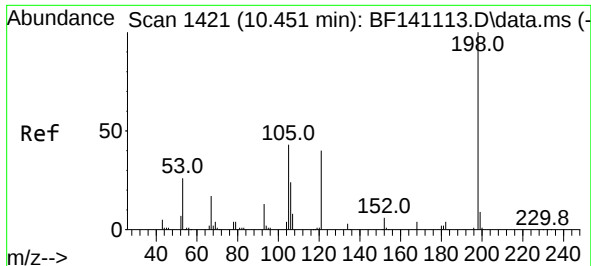
Ion Ratio Lower Upper

188 100

94 10.3 8.3 12.5

80 11.2 9.0 13.4

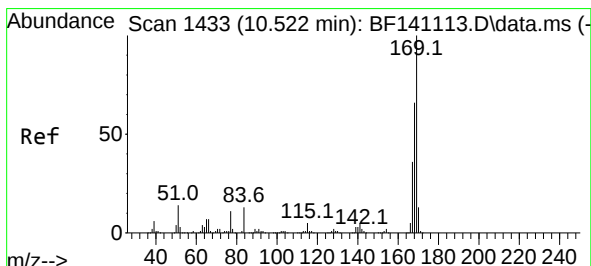
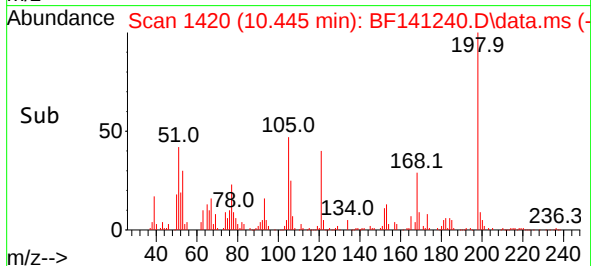
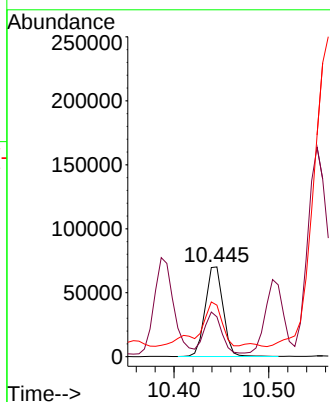
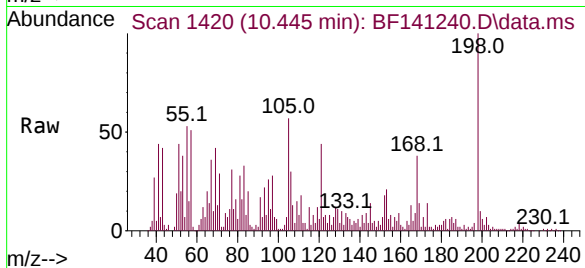




#65
4,6-Dinitro-2-methylphenol
Concen: 39.349 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

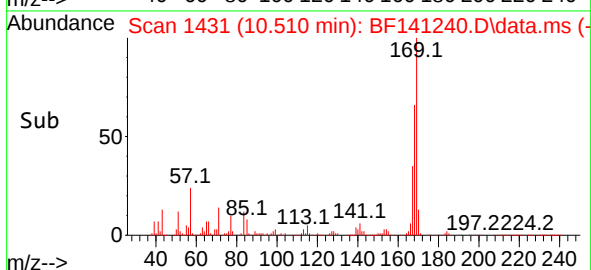
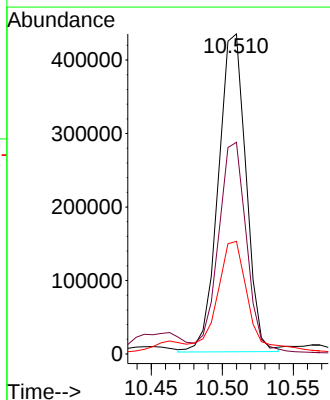
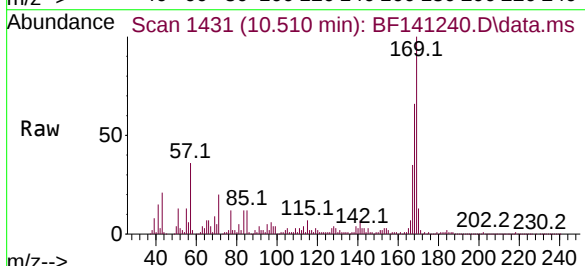
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion:198 Resp: 91327
Ion Ratio Lower Upper
198 100
51 44.4 27.1 67.1
105 57.3 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 45.333 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:169 Resp: 585639
Ion Ratio Lower Upper
169 100
168 66.2 52.5 78.7
167 35.2 28.9 43.3

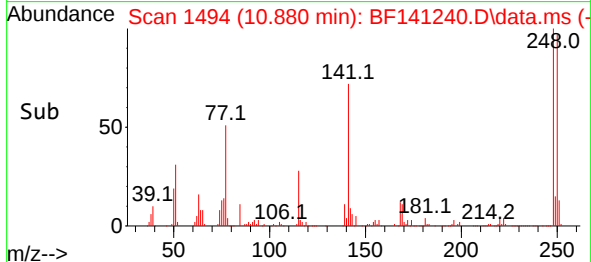
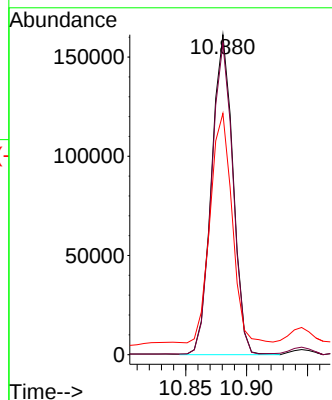
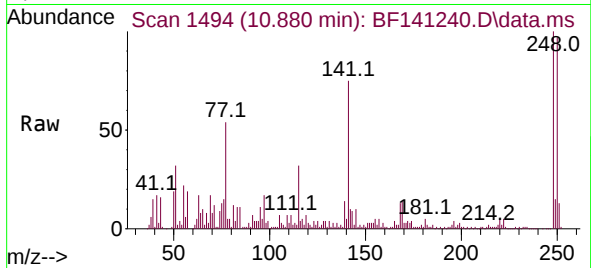




#67
4-Bromophenyl-phenylether
Concen: 42.839 ng
RT: 10.880 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

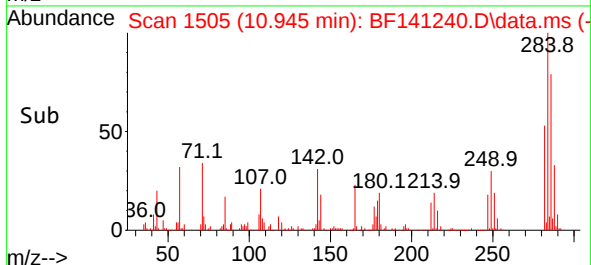
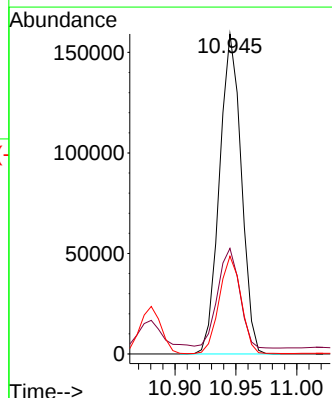
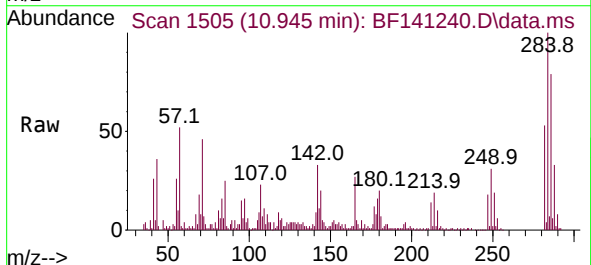
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

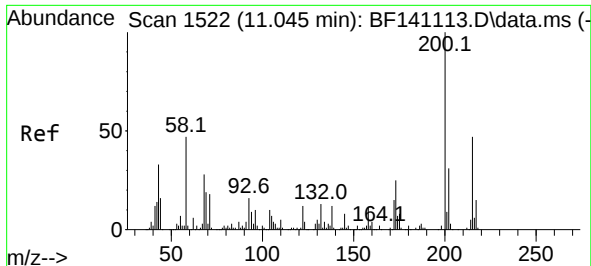
Tgt Ion:248 Resp: 197542
Ion Ratio Lower Upper
248 100
250 97.3 77.9 116.9
141 75.4 59.9 89.9



#68
Hexachlorobenzene
Concen: 38.655 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:284 Resp: 198422
Ion Ratio Lower Upper
284 100
142 33.0 26.3 39.5
249 30.5 24.9 37.3

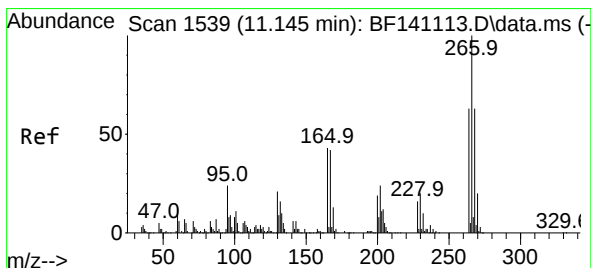
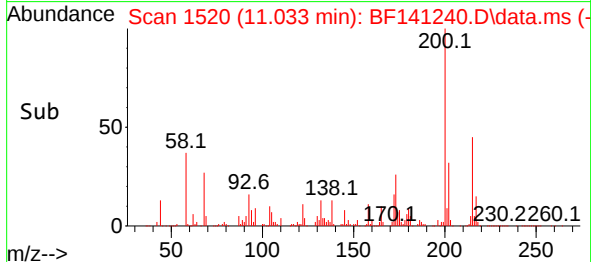
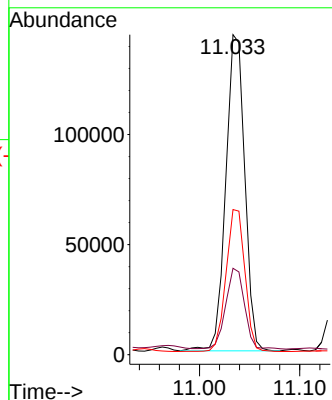
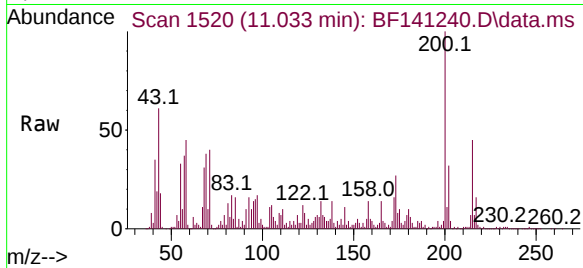




#69
 Atrazine
 Concen: 54.134 ng
 RT: 11.033 min Scan# 1520
 Delta R.T. -0.012 min
 Lab File: BF141240.D
 Acq: 22 Jan 2025 17:32

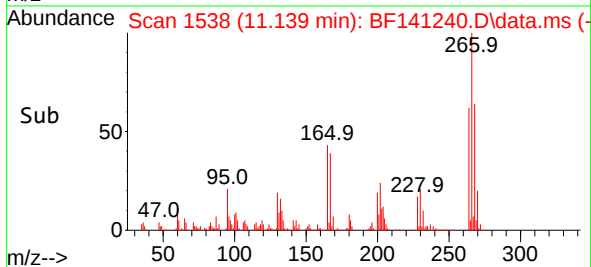
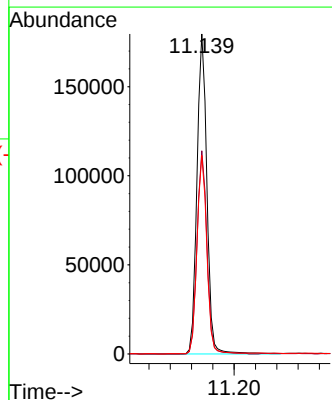
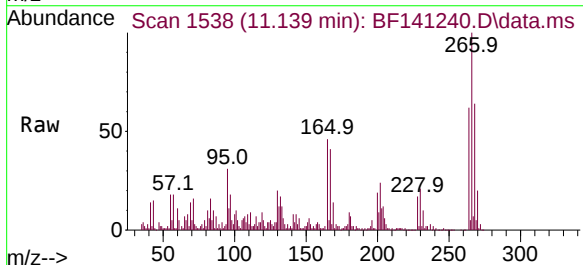
Instrument :
 BNA_F
 ClientSampleId :
 PL-1-012125MS

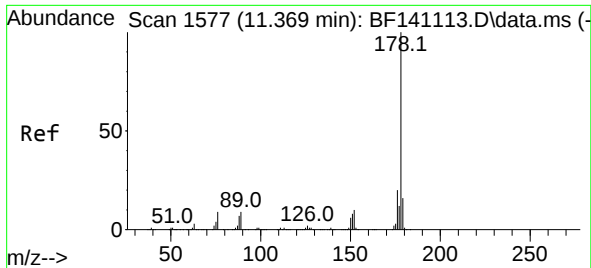
Tgt Ion:200 Resp: 188304
 Ion Ratio Lower Upper
 200 100
 173 27.0 5.4 45.4
 215 45.4 26.6 66.6



#70
 Pentachlorophenol
 Concen: 70.821 ng
 RT: 11.139 min Scan# 1538
 Delta R.T. -0.006 min
 Lab File: BF141240.D
 Acq: 22 Jan 2025 17:32

Tgt Ion:266 Resp: 232809
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.4 75.6
 264 62.1 50.2 75.2

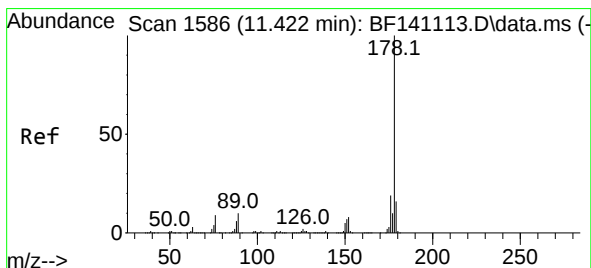
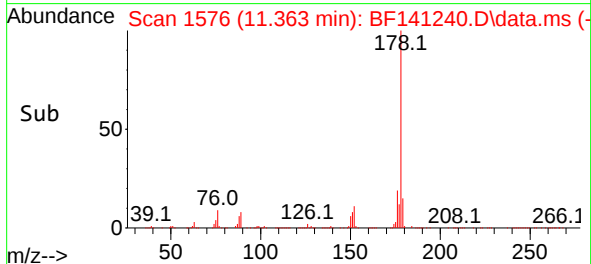
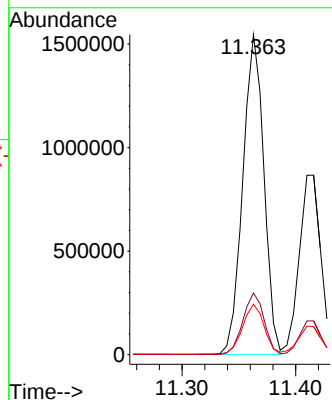
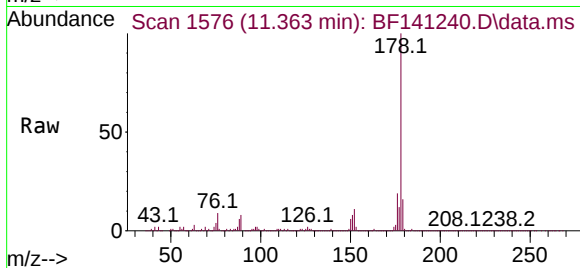




#71
Phenanthrene
Concen: 92.590 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

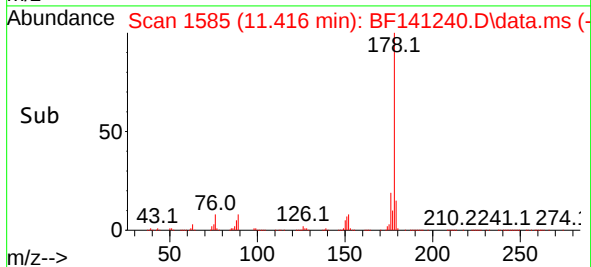
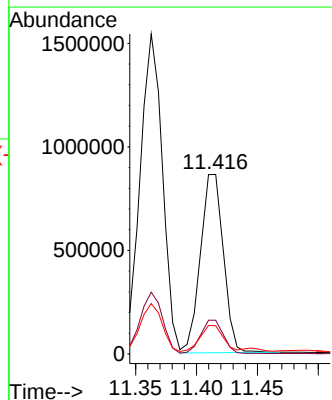
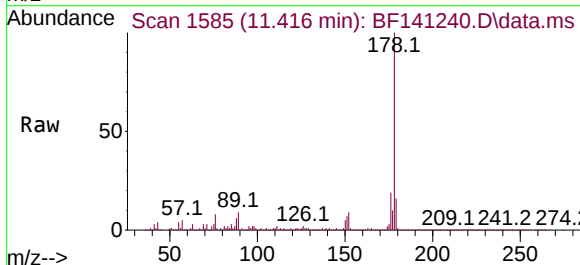
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

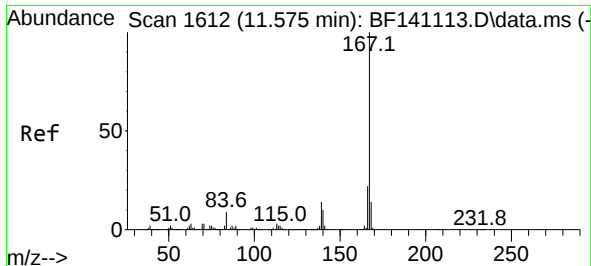
Tgt Ion:178 Resp: 1990945
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.8 12.6 19.0



#72
Anthracene
Concen: 54.027 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:178 Resp: 1129609
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.7 12.6 19.0

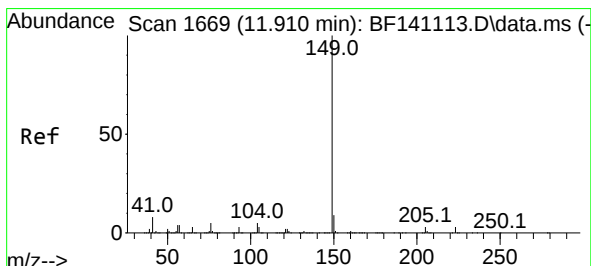
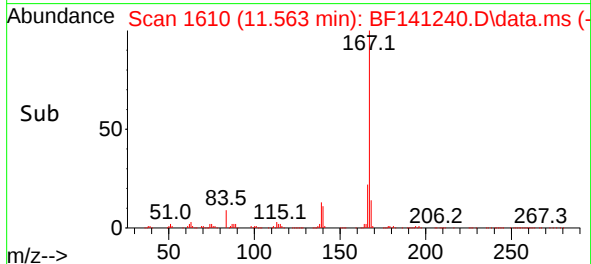
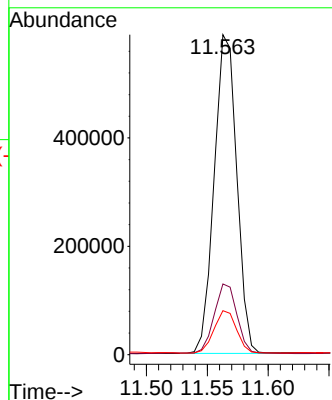
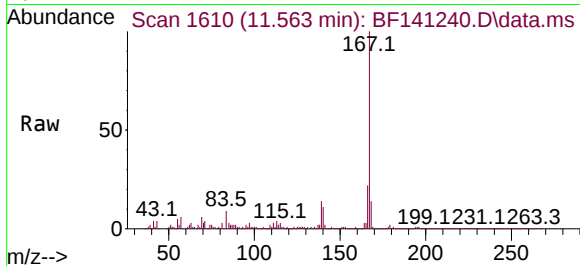




#73
Carbazole
Concen: 39.620 ng
RT: 11.563 min Scan# 1610
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

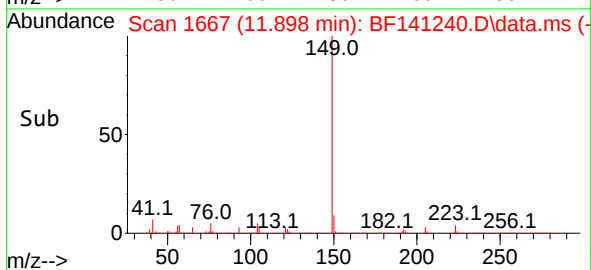
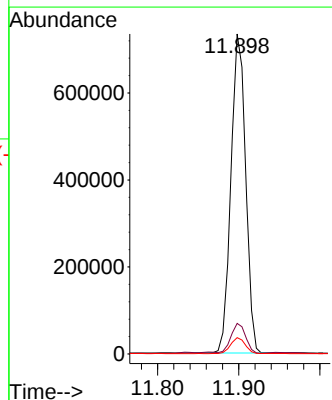
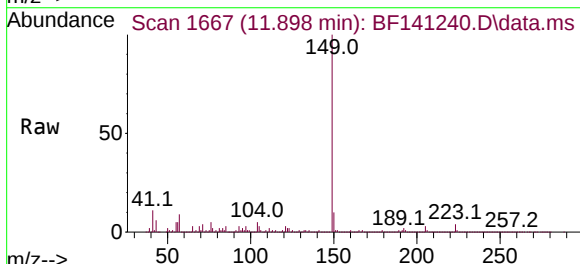
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

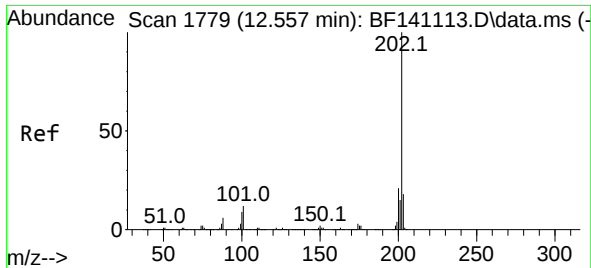
Tgt Ion:167 Resp: 759574
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.2
139 13.7 10.9 16.3



#74
Di-n-butylphthalate
Concen: 41.973 ng
RT: 11.898 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:149 Resp: 920904
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.2
104 5.1 4.2 6.2

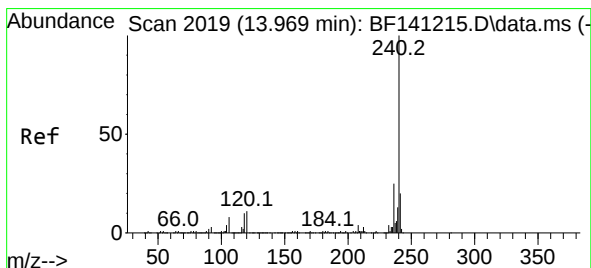
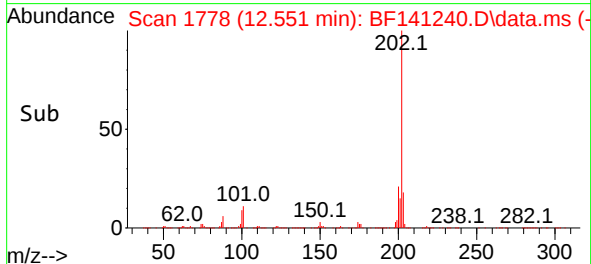
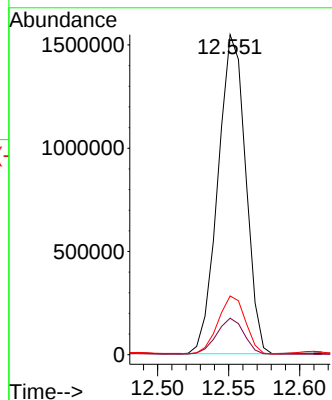
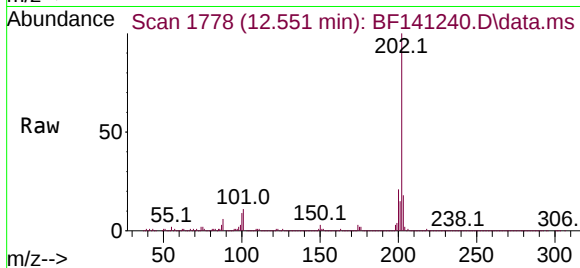




#75
Fluoranthene
Concen: 97.409 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

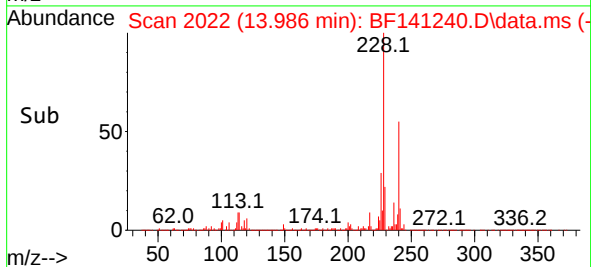
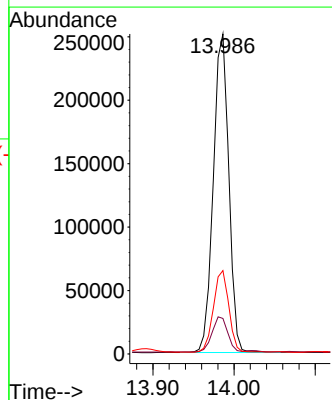
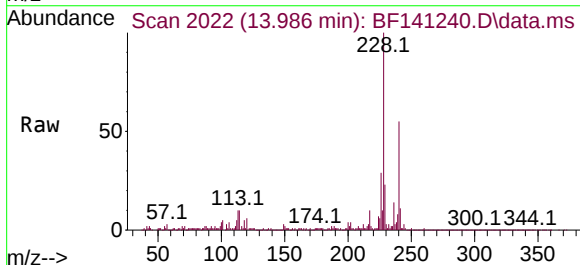
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

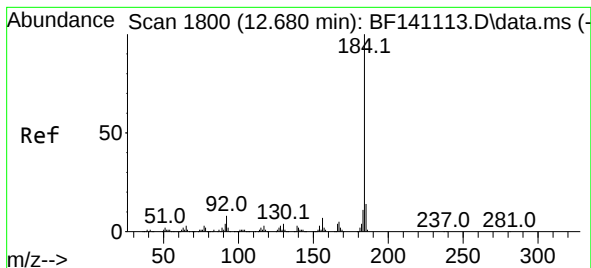
Tgt Ion:202 Resp: 2090177
Ion Ratio Lower Upper
202 100
101 11.4 0.0 32.3
203 18.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:240 Resp: 332615
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 26.0 19.8 29.6





#77

Benzidine

Concen: 29.107 ng

RT: 12.674 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

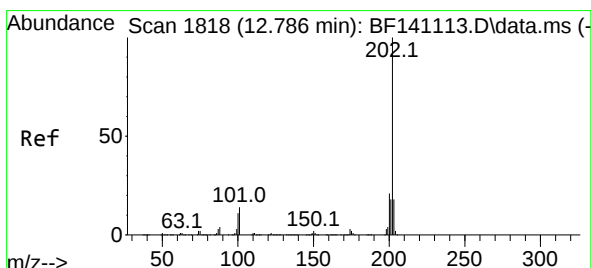
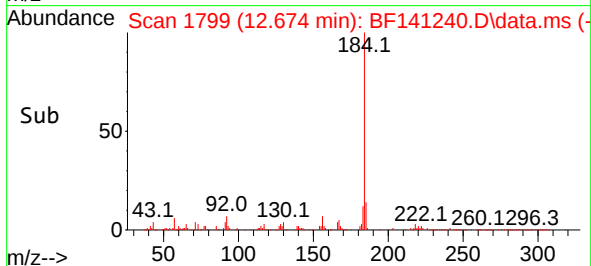
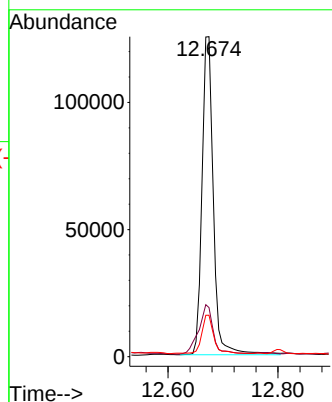
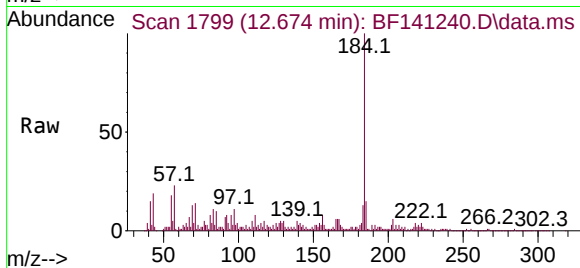
Tgt Ion:184 Resp: 179533

Ion Ratio Lower Upper

184 100

185 15.4 11.4 17.0

183 13.0 9.2 13.8



#78

Pyrene

Concen: 63.846 ng

RT: 12.780 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

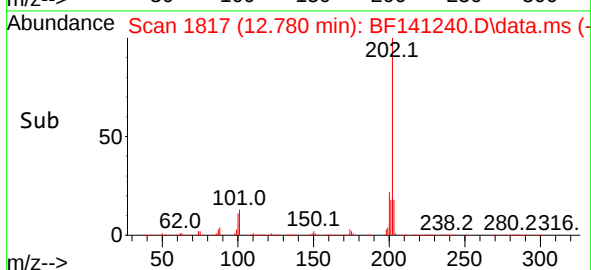
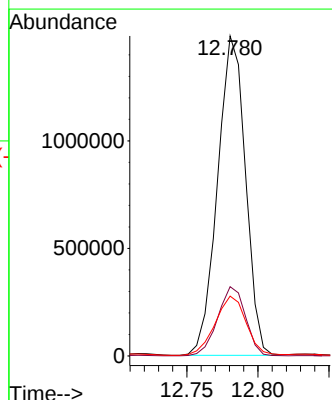
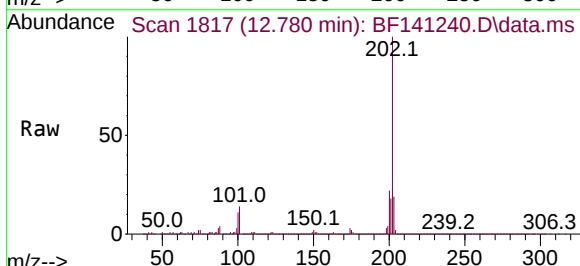
Tgt Ion:202 Resp: 2028324

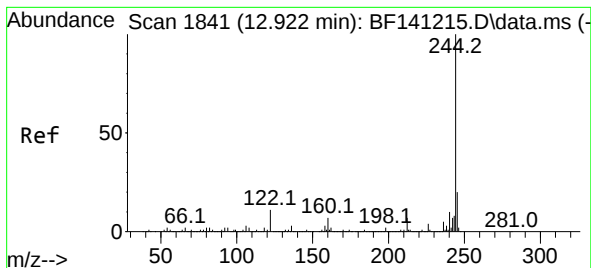
Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

203 18.7 14.3 21.5





#79

Terphenyl-d14

Concen: 54.882 ng

RT: 12.922 min Scan# 1841

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

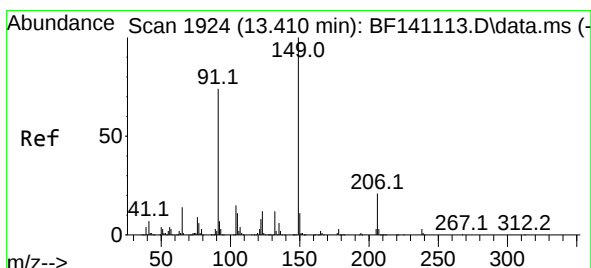
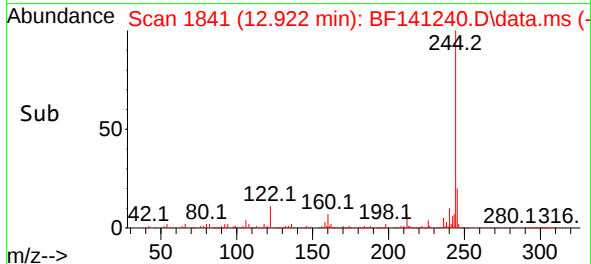
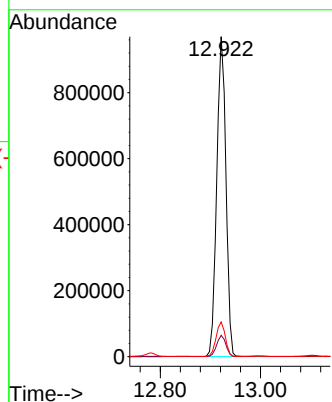
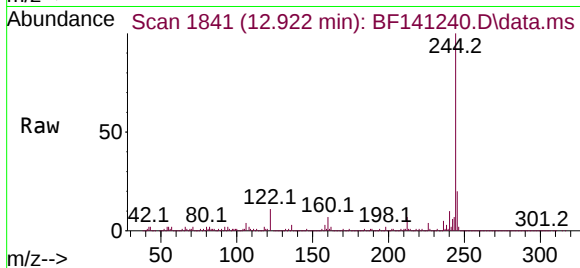
Tgt Ion:244 Resp: 1228174

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 33.433 ng

RT: 13.398 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

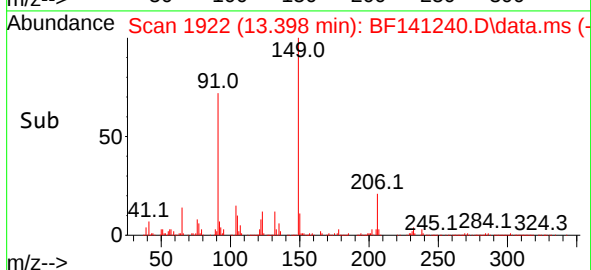
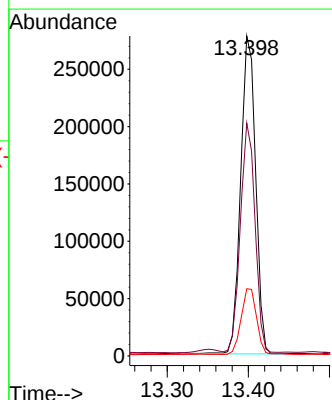
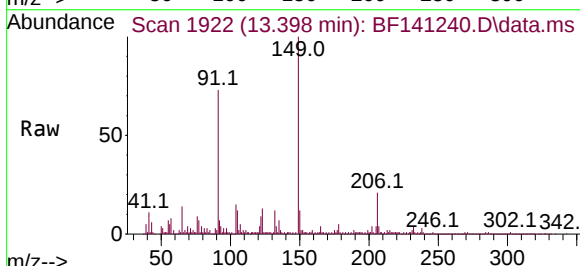
Tgt Ion:149 Resp: 354127

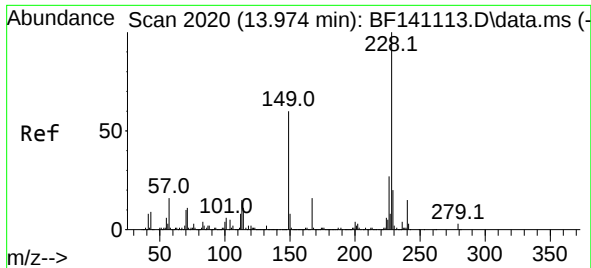
Ion Ratio Lower Upper

149 100

91 72.8 59.0 88.6

206 21.0 16.5 24.7

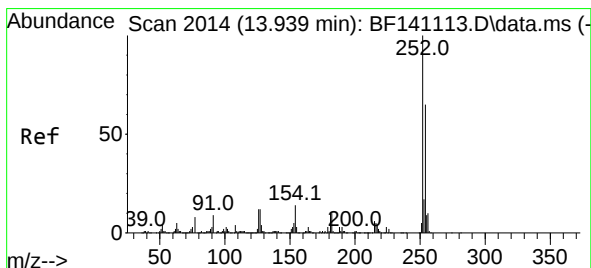
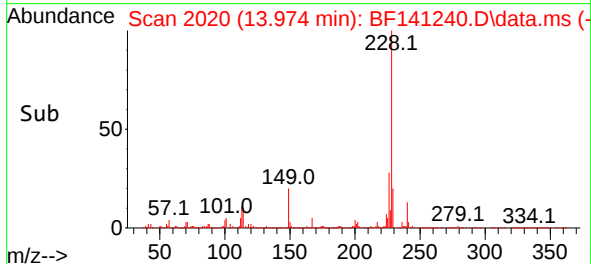
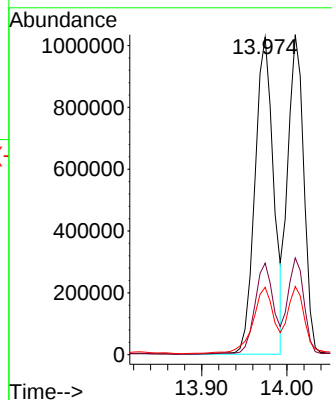
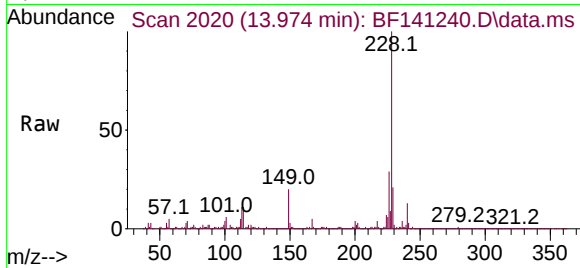




#81
Benzo(a)anthracene
Concen: 69.057 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

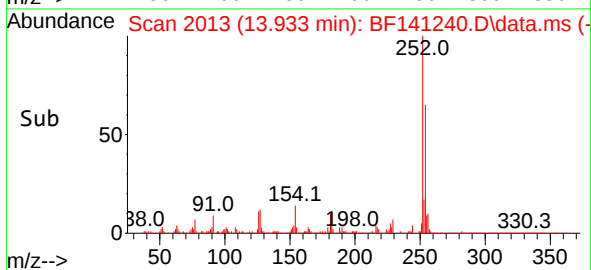
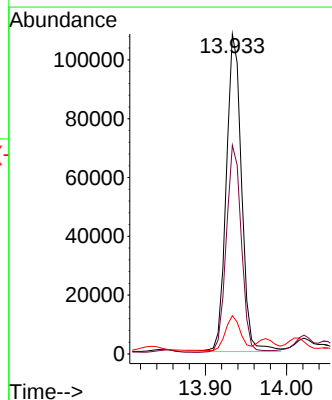
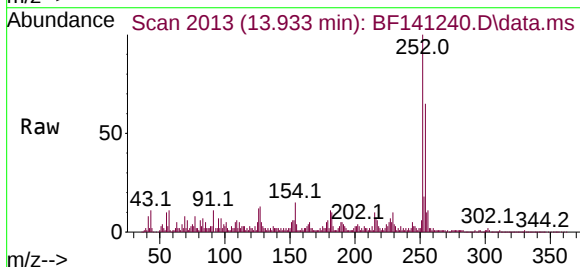
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

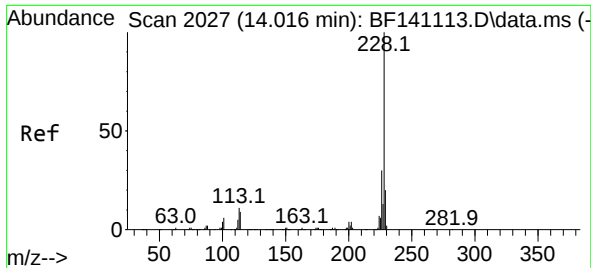
Tgt Ion:228 Resp: 1563203
Ion Ratio Lower Upper
228 100
226 28.8 21.7 32.5
229 21.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 19.594 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:252 Resp: 141230
Ion Ratio Lower Upper
252 100
254 65.3 52.0 78.0
126 11.9 9.4 14.0

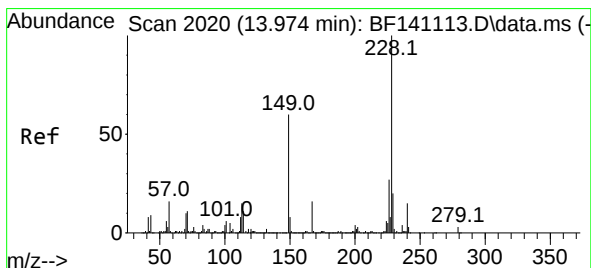
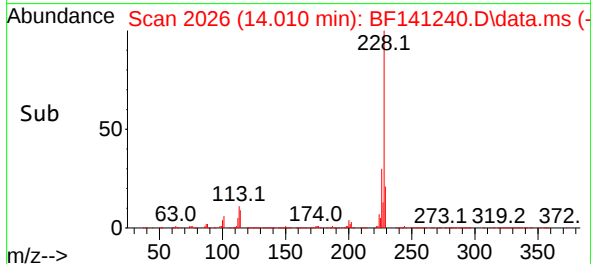
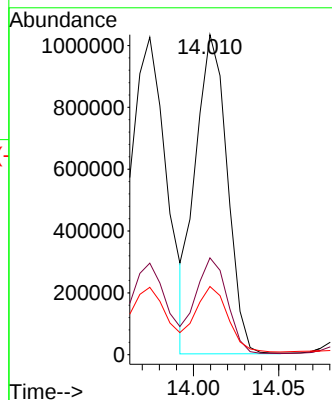
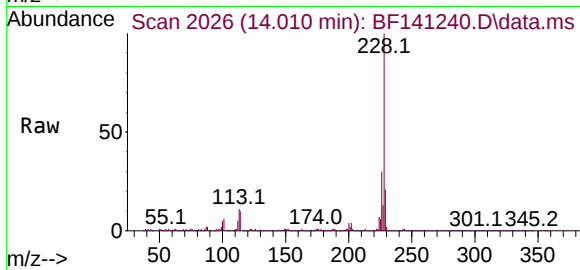




#83
Chrysene
Concen: 63.135 ng
RT: 14.010 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

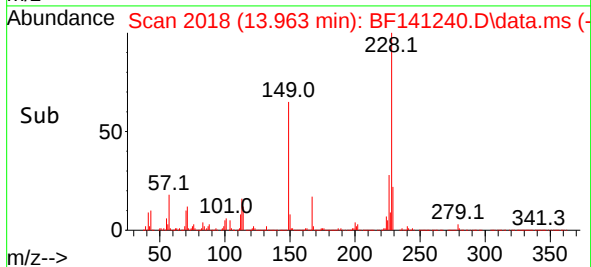
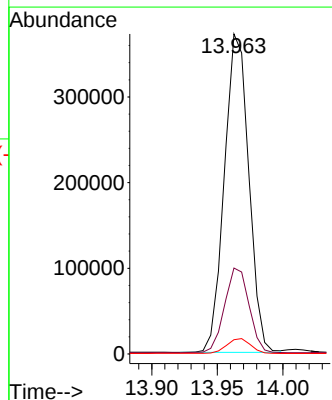
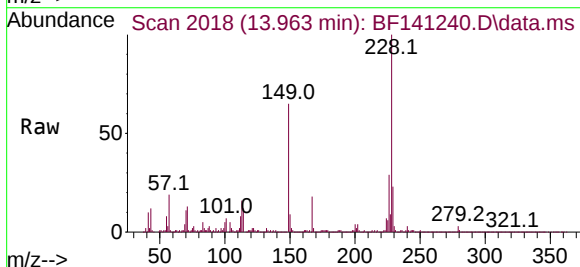
Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion:228 Resp: 1337238
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 21.3 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 37.821 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:149 Resp: 480659
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.2
279 4.5 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 46.826 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

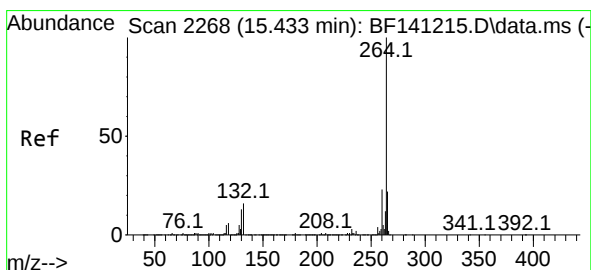
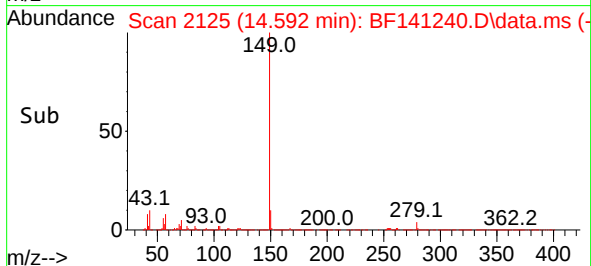
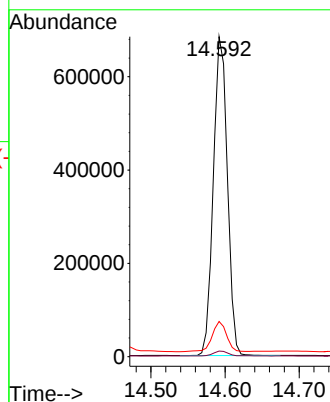
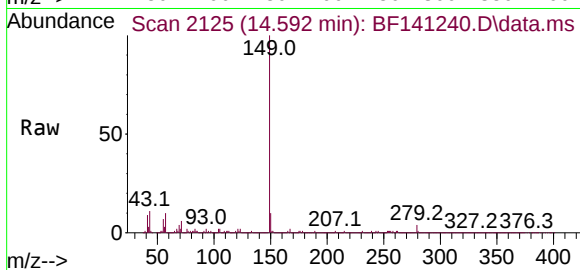
Tgt Ion:149 Resp: 898647

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.018 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

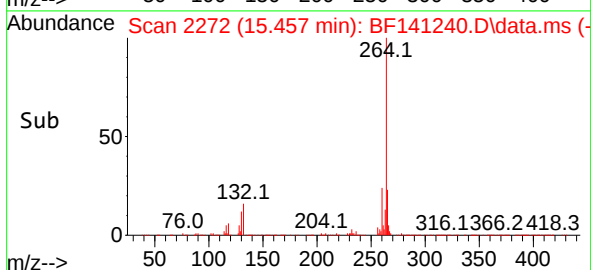
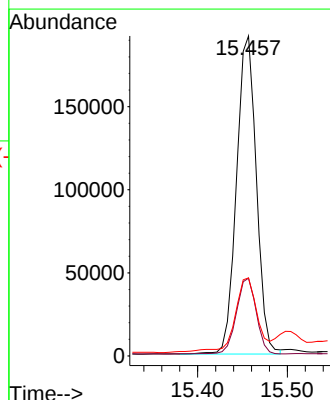
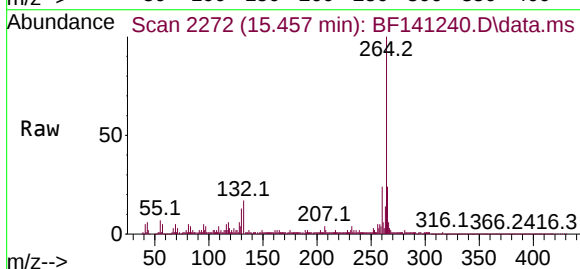
Tgt Ion:264 Resp: 294085

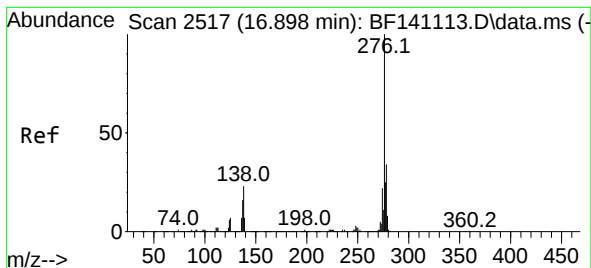
Ion Ratio Lower Upper

264 100

260 24.3 18.6 28.0

265 24.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.593 ng

RT: 16.909 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

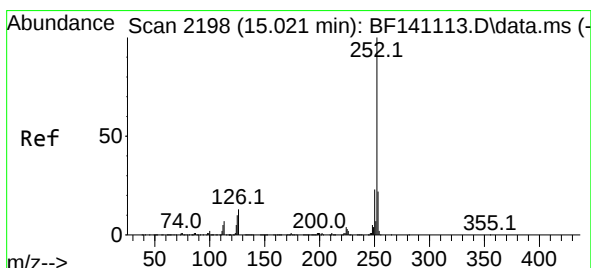
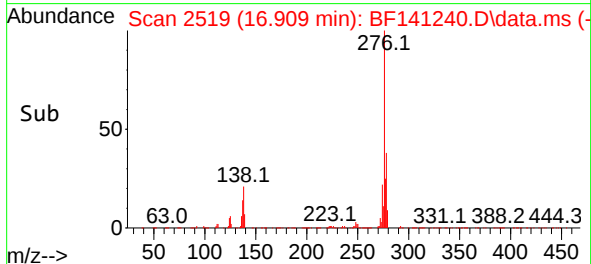
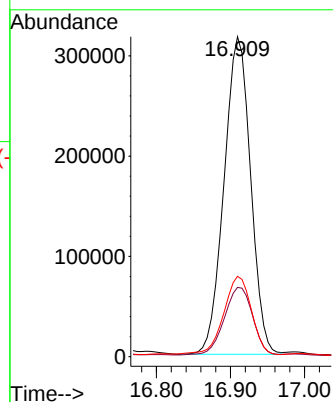
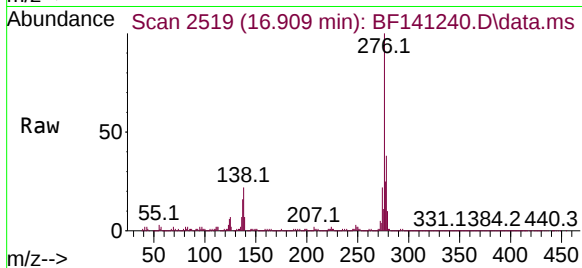
Tgt Ion:276 Resp: 788414

Ion Ratio Lower Upper

276 100

138 22.7 20.7 31.1

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 83.089 ng

RT: 15.033 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

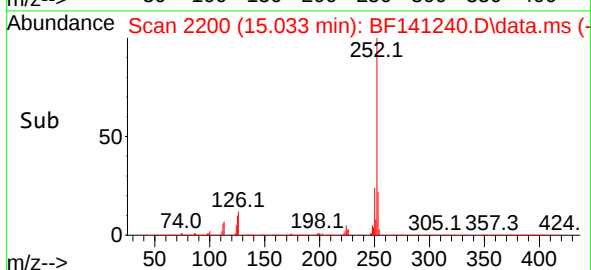
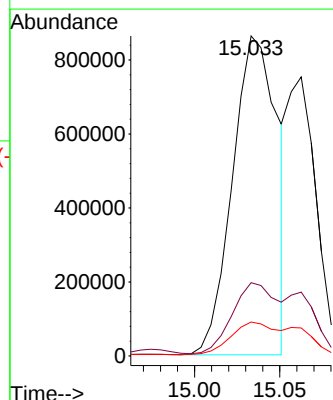
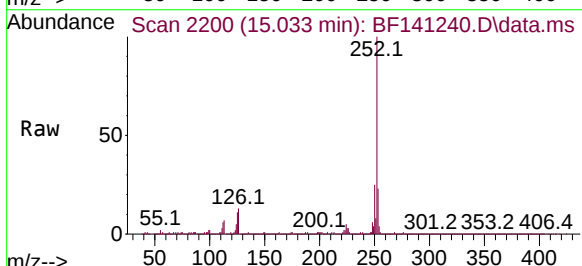
Tgt Ion:252 Resp: 1575672

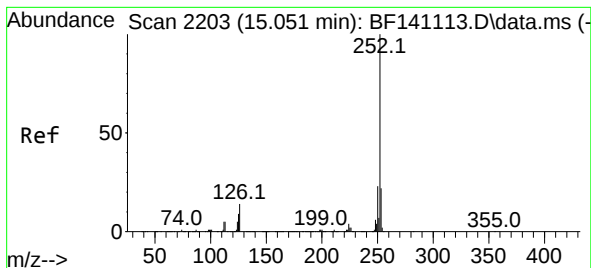
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 10.6 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 52.908 ng m

RT: 15.063 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

Instrument :

BNA_F

ClientSampleId :

PL-1-012125MS

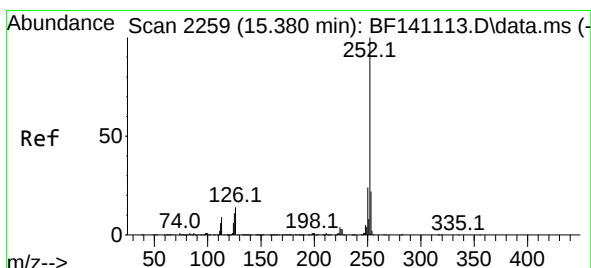
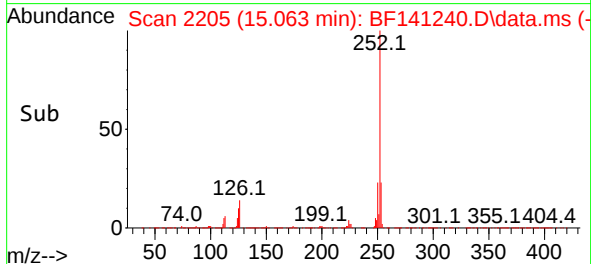
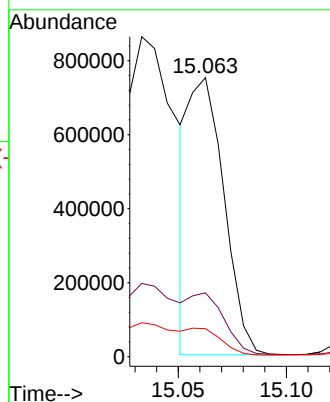
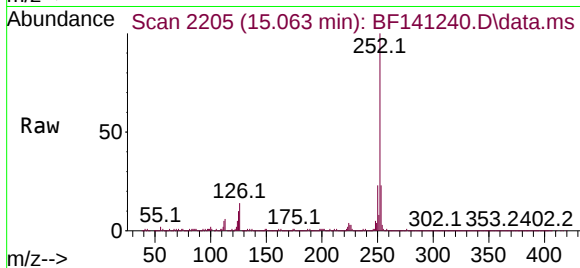
Tgt Ion:252 Resp: 847896

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 10.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 72.537 ng

RT: 15.398 min Scan# 2262

Delta R.T. 0.018 min

Lab File: BF141240.D

Acq: 22 Jan 2025 17:32

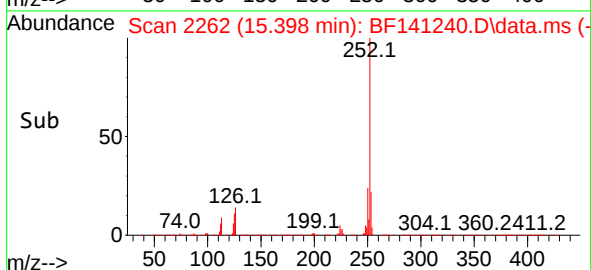
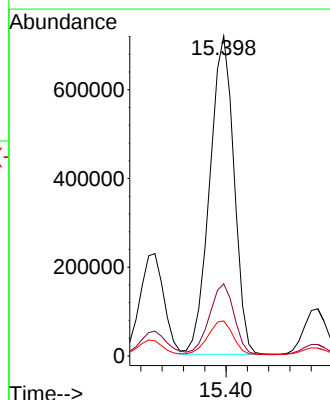
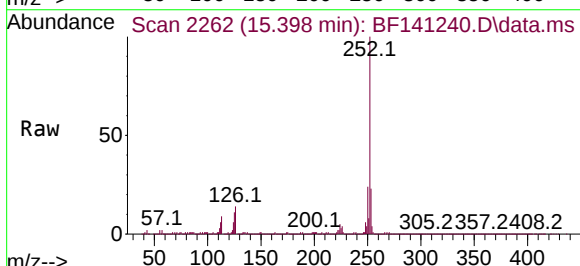
Tgt Ion:252 Resp: 1134918

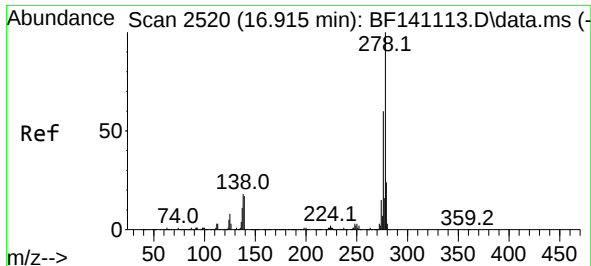
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 10.9 9.1 13.7

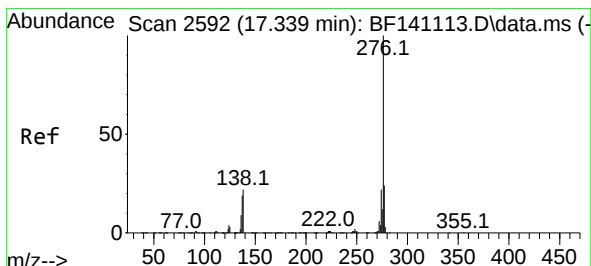
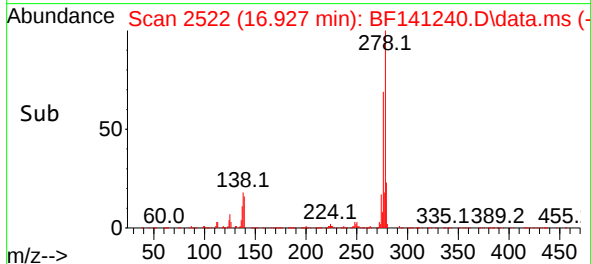
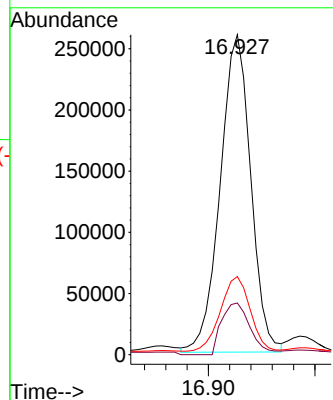
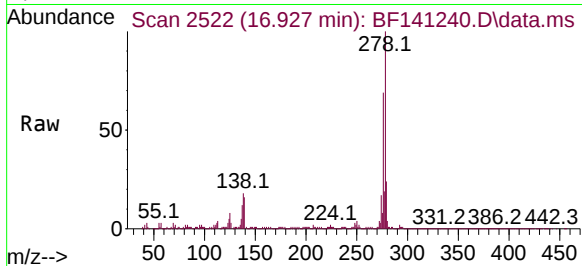




#91
Dibenzo(a,h)anthracene
Concen: 29.662 ng
RT: 16.927 min Scan# 2522
Delta R.T. 0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Instrument :
BNA_F
ClientSampleId :
PL-1-012125MS

Tgt Ion:278 Resp: 516901
Ion Ratio Lower Upper
278 100
139 16.2 13.8 20.6
279 24.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 34.671 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF141240.D
Acq: 22 Jan 2025 17:32

Tgt Ion:276 Resp: 628443
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.4
138 20.7 17.4 26.2

