

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140115.D
 Acq On : 29 Oct 2024 16:52
 Operator : RC/JU
 Sample : PB164497BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164497BS

Quant Time: Oct 29 17:23:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	134081	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	526800	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	296679	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	541600	20.000	ng	0.00
76) Chrysene-d12	14.068	240	283467	20.000	ng	0.02
86) Perylene-d12	15.574	264	279985	20.000	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1005816	117.436	ng	0.02
7) Phenol-d6	6.516	99	1271446	114.619	ng	0.00
23) Nitrobenzene-d5	7.451	82	858589	90.331	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	392531	141.450	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1564960	87.179	ng	0.00
79) Terphenyl-d14	13.004	244	1621604	93.216	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.781	88	134013	33.559	ng	99
3) Pyridine	3.540	79	361225	36.494	ng	99
4) n-Nitrosodimethylamine	3.487	42	210736	39.626	ng	# 98
6) Aniline	6.551	93	380294	36.785	ng	100
8) 2-Chlorophenol	6.675	128	391765	44.743	ng	99
9) Benzaldehyde	6.440	77	73730	11.815	ng	98
10) Phenol	6.528	94	504394	44.105	ng	95
11) bis(2-Chloroethyl)ether	6.622	93	377812	42.742	ng	98
12) 1,3-Dichlorobenzene	6.828	146	416641	41.453	ng	99
13) 1,4-Dichlorobenzene	6.904	146	423056	42.130	ng	99
14) 1,2-Dichlorobenzene	7.057	146	409193	43.662	ng	99
15) Benzyl Alcohol	7.028	79	371957	45.712	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	654720	43.439	ng	98
17) 2-Methylphenol	7.139	107	333229	44.632	ng	97
18) Hexachloroethane	7.404	117	157457	43.972	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	294832	43.823	ng	97
20) 3+4-Methylphenols	7.287	107	402960	42.196	ng	# 88
22) Acetophenone	7.298	105	542722	42.061	ng	99
24) Nitrobenzene	7.469	77	442746	42.485	ng	99
25) Isophorone	7.710	82	810762	44.941	ng	100
26) 2-Nitrophenol	7.786	139	207301	52.729	ng	99
27) 2,4-Dimethylphenol	7.816	122	333531	50.878	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	481171	44.022	ng	99
29) 2,4-Dichlorophenol	8.022	162	334439	44.790	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	349185	42.263	ng	100
31) Naphthalene	8.192	128	1160966	42.731	ng	100
32) Benzoic acid	7.939	122	246956	43.192	ng	99
33) 4-Chloroaniline	8.234	127	151504	16.353	ng	99
34) Hexachlorobutadiene	8.310	225	228704	44.056	ng	99
35) Caprolactam	8.610	113	67480	28.422	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	375752	45.447	ng	100
37) 2-Methylnaphthalene	8.881	142	736849	44.283	ng	100
38) 1-Methylnaphthalene	8.981	142	688682	42.185	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	349335	43.645	ng	99
41) Hexachlorocyclopentadiene	9.039	237	460165	165.231	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	263599	46.517	ng	100

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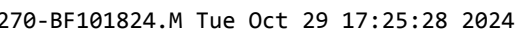
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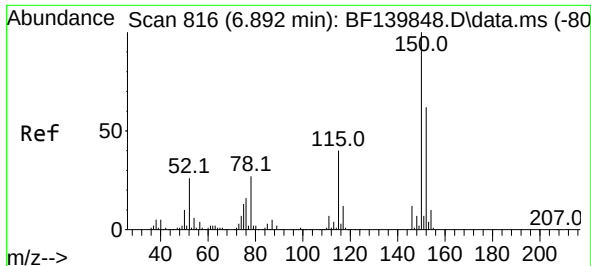
Quant Time: Oct 29 17:23:54 2024
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 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	262655	44.925	ng	99
46) 1,1'-Biphenyl	9.351	154	895803	43.374	ng	99
47) 2-Chloronaphthalene	9.375	162	711275	42.759	ng	100
48) 2-Nitroaniline	9.469	65	255976	50.315	ng	96
49) Acenaphthylene	9.792	152	1114577	46.347	ng	99
50) Dimethylphthalate	9.651	163	850212	46.008	ng	100
51) 2,6-Dinitrotoluene	9.710	165	187823	46.942	ng	99
52) Acenaphthene	9.963	154	791274	50.864	ng	99
53) 3-Nitroaniline	9.875	138	108242	26.233	ng	97
54) 2,4-Dinitrophenol	9.986	184	214865	125.230	ng	# 1
55) Dibenzofuran	10.133	168	988065	44.268	ng	99
56) 4-Nitrophenol	10.039	139	299741	94.421	ng	98
57) 2,4-Dinitrotoluene	10.116	165	256926	52.217	ng	99
58) Fluorene	10.480	166	751304	44.193	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	216857	47.315	ng	99
60) Diethylphthalate	10.351	149	843710	46.500	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	385321	44.882	ng	99
62) 4-Nitroaniline	10.498	138	185310	47.552	ng	97
63) Azobenzene	10.627	77	849003	44.137	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	145407	65.820	ng	96
66) n-Nitrosodiphenylamine	10.586	169	703269	43.385	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	248194	44.483	ng	99
68) Hexachlorobenzene	11.027	284	278904	44.446	ng	96
69) Atrazine	11.116	200	239045	54.439	ng	99
70) Pentachlorophenol	11.222	266	330845	86.873	ng	99
71) Phenanthrene	11.445	178	1107026	43.272	ng	100
72) Anthracene	11.492	178	1137199	45.559	ng	100
73) Carbazole	11.645	167	970394	41.802	ng	99
74) Di-n-butylphthalate	11.974	149	1270038	47.354	ng	99
75) Fluoranthene	12.627	202	1110887	42.954	ng	99
77) Benzidine	12.745	184	295516	63.400	ng	99
78) Pyrene	12.863	202	1098847	44.286	ng	99
80) Butylbenzylphthalate	13.474	149	413946	55.646	ng	99
81) Benzo(a)anthracene	14.057	228	839948	45.519	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	166286	30.907	ng	99
83) Chrysene	14.098	228	795671	47.028	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	519162	62.204	ng	99
85) Di-n-octyl phthalate	14.686	149	819762	54.001	ng	97
87) Indeno(1,2,3-cd)pyrene	17.092	276	884533	49.108	ng	98
88) Benzo(b)fluoranthene	15.139	252	801628	47.001	ng	99
89) Benzo(k)fluoranthene	15.168	252	678134	46.103	ng	99
90) Benzo(a)pyrene	15.515	252	707825	50.437	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	718829	47.839	ng	98
92) Benzo(g,h,i)perylene	17.545	276	669263	44.590	ng	100

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

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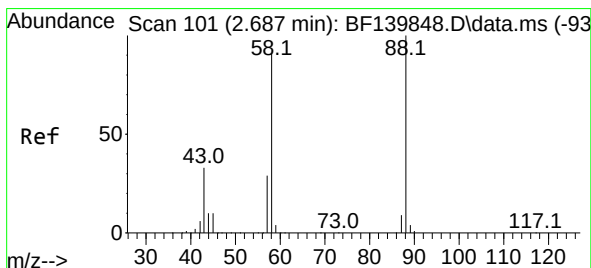
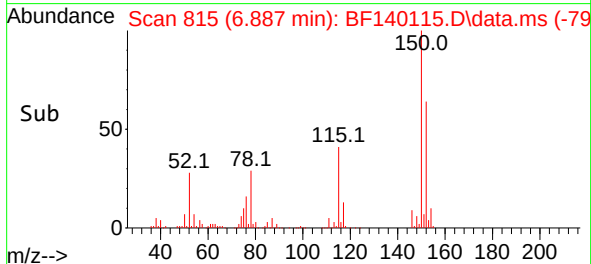
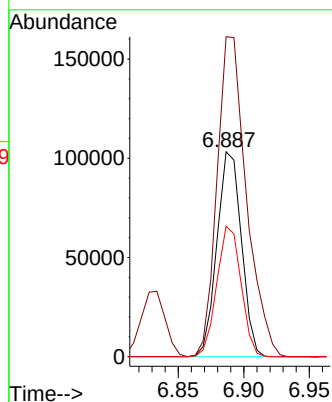
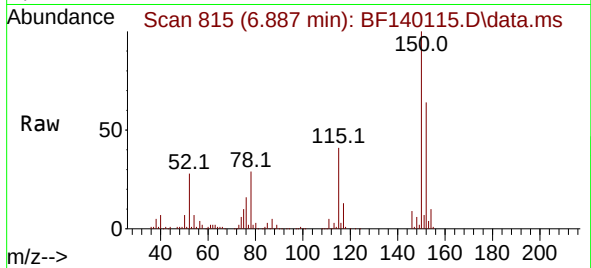




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

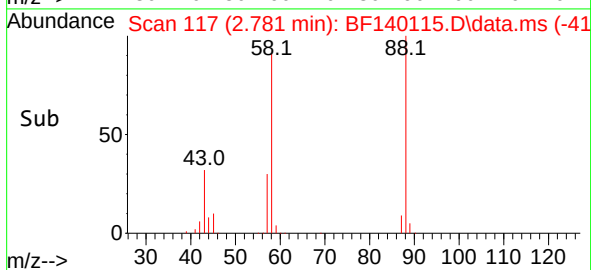
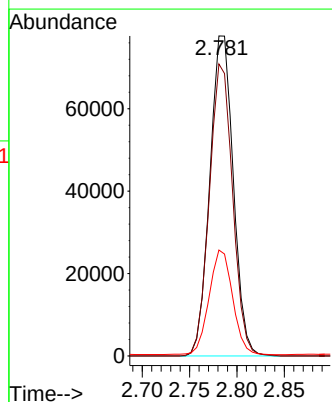
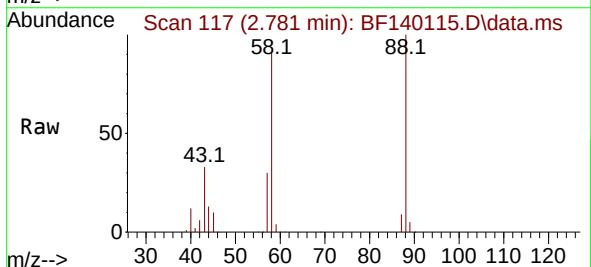
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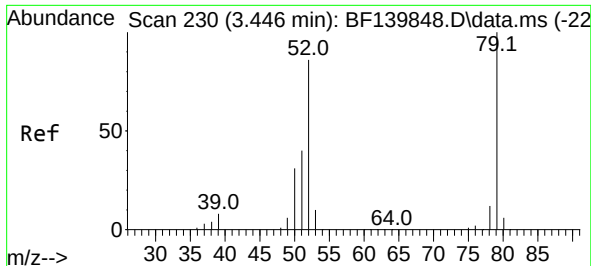
Tgt Ion:152 Resp: 134081
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 63.7 51.4 77.2



#2
1,4-Dioxane
Concen: 33.559 ng
RT: 2.781 min Scan# 117
Delta R.T. 0.094 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion: 88 Resp: 134013
Ion Ratio Lower Upper
88 100
58 90.5 73.3 109.9
43 32.8 27.1 40.7





#3

Pyridine

Concen: 36.494 ng

RT: 3.540 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

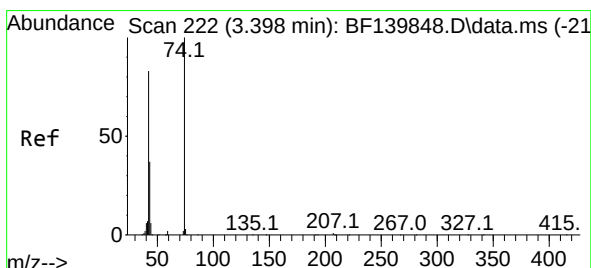
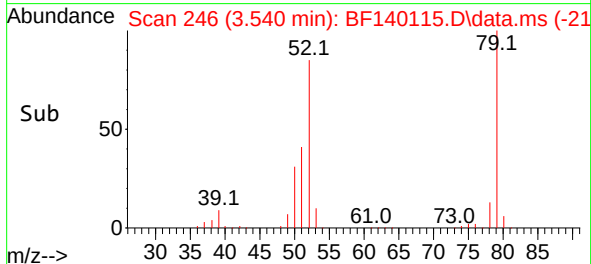
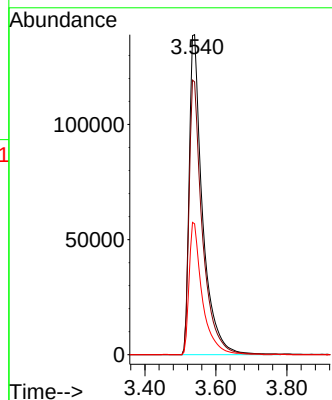
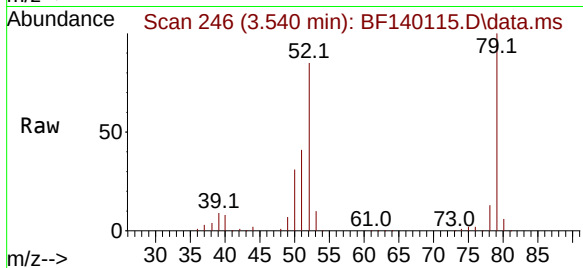
Tgt Ion: 79 Resp: 361225

Ion Ratio Lower Upper

79 100

52 85.3 68.5 102.7

51 40.9 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 39.626 ng

RT: 3.487 min Scan# 237

Delta R.T. 0.088 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

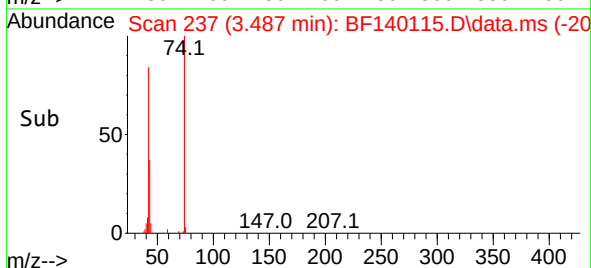
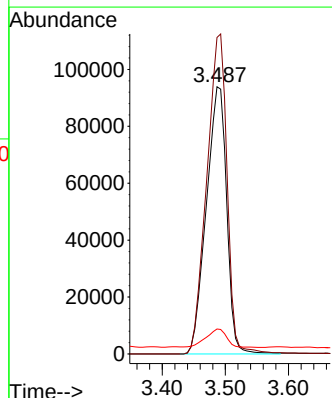
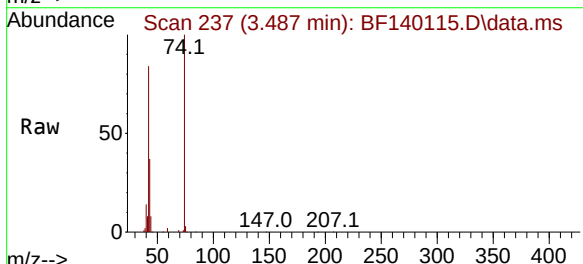
Tgt Ion: 42 Resp: 210736

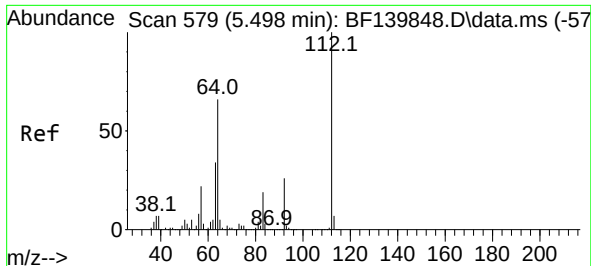
Ion Ratio Lower Upper

42 100

74 118.5 96.2 144.4

44 9.3 6.2 9.2#

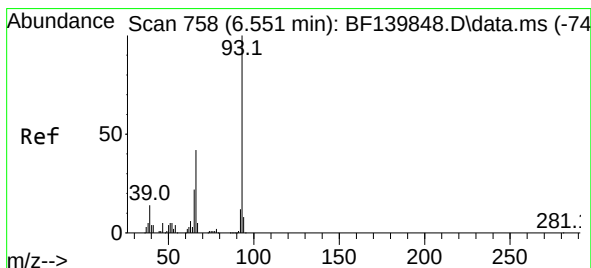
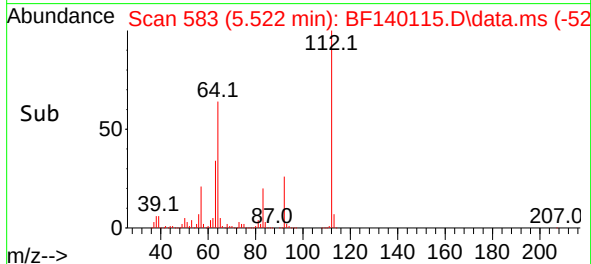
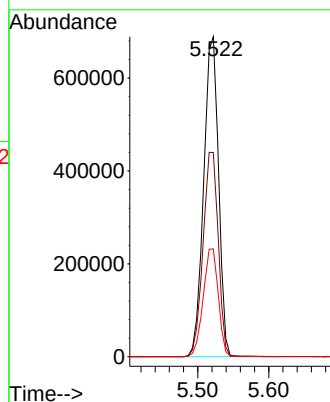
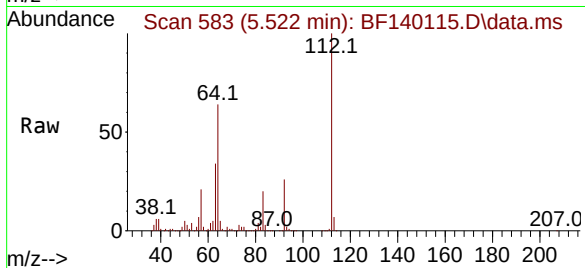




#5
2-Fluorophenol
Concen: 117.436 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

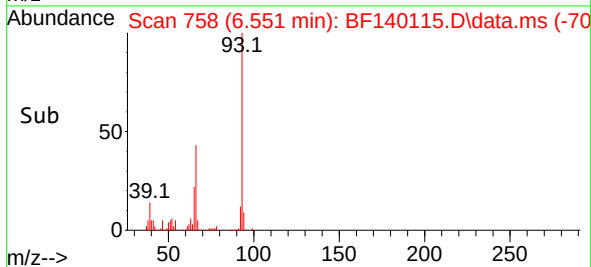
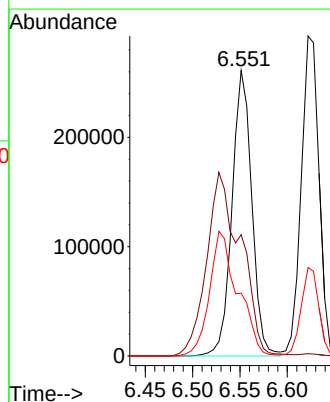
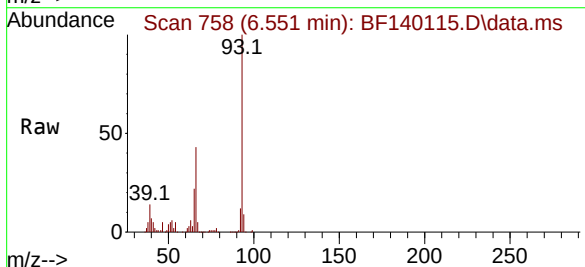
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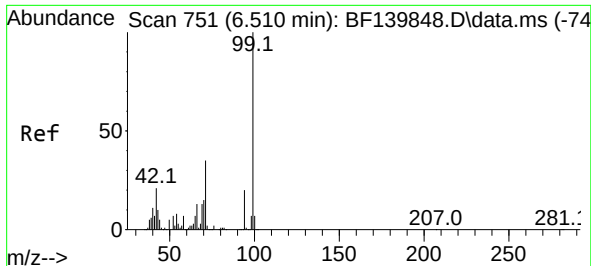
Tgt Ion:112 Resp: 1005816
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 33.7 27.0 40.4



#6
Aniline
Concen: 36.785 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion: 93 Resp: 380294
Ion Ratio Lower Upper
93 100
66 42.5 34.0 51.0
65 22.0 17.4 26.0





#7

Phenol-d6

Concen: 114.619 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

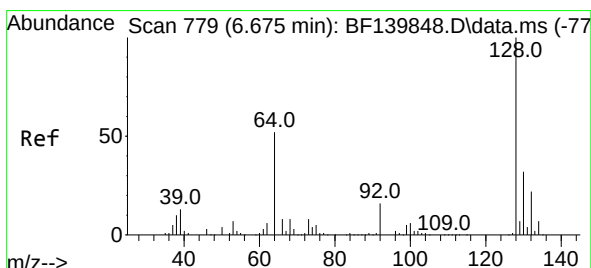
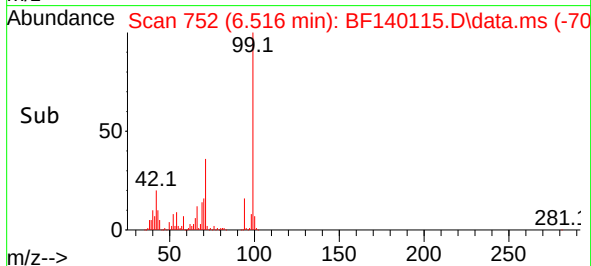
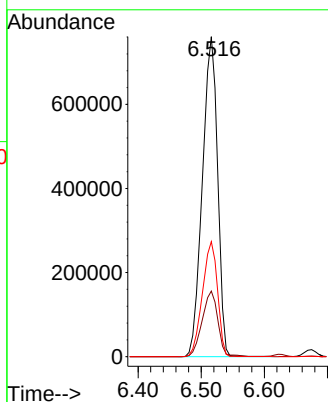
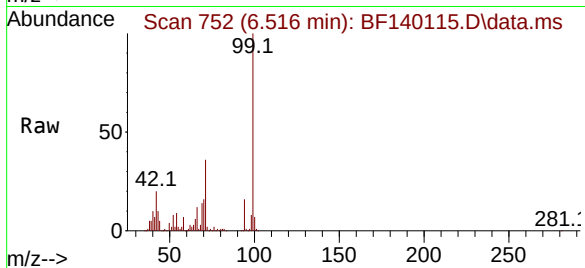
Tgt Ion: 99 Resp: 1271446

Ion Ratio Lower Upper

99 100

42 20.5 16.7 25.1

71 36.0 27.7 41.5



#8

2-Chlorophenol

Concen: 44.743 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

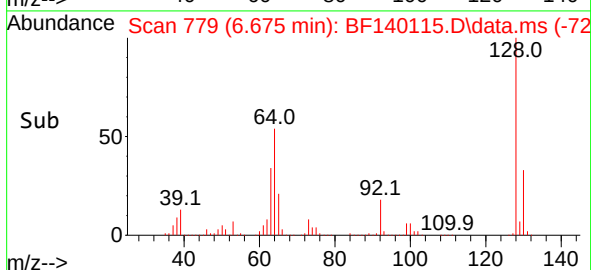
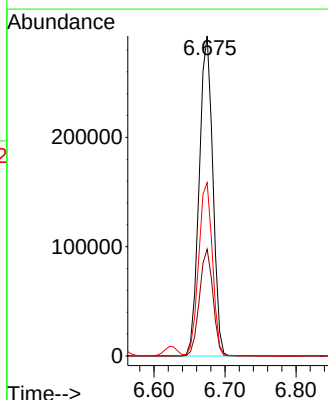
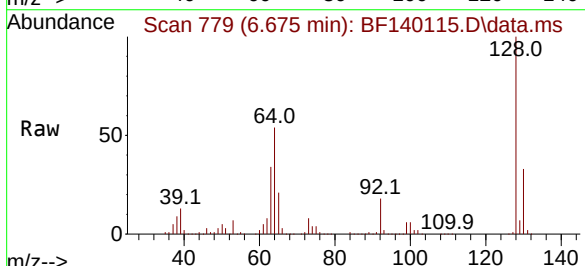
Tgt Ion:128 Resp: 391765

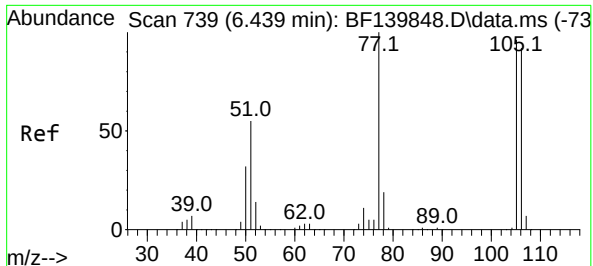
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 54.2 34.6 74.6

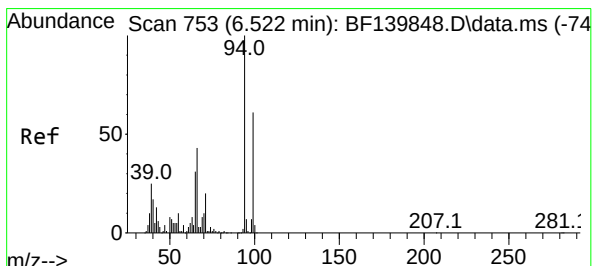
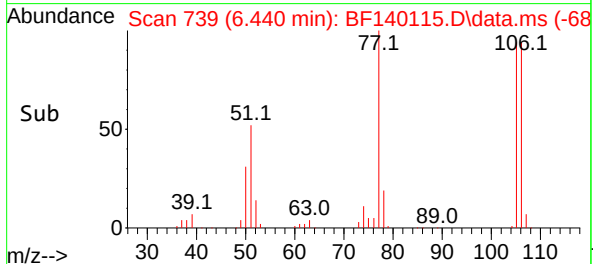
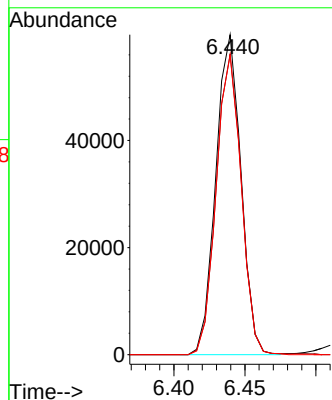
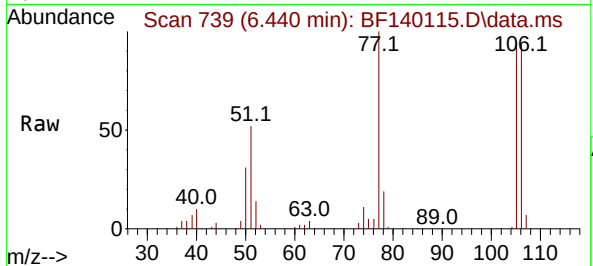




#9
Benzaldehyde
Concen: 11.815 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

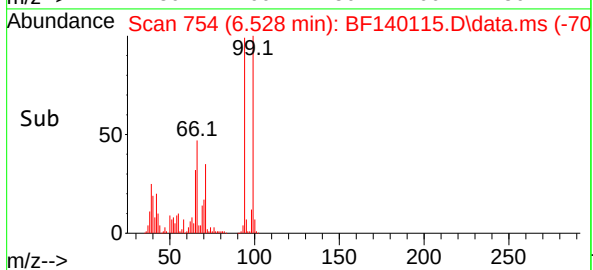
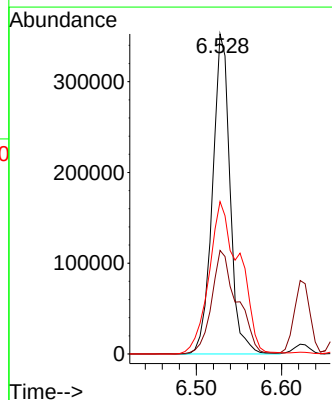
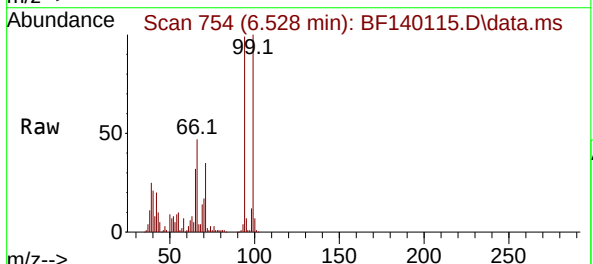
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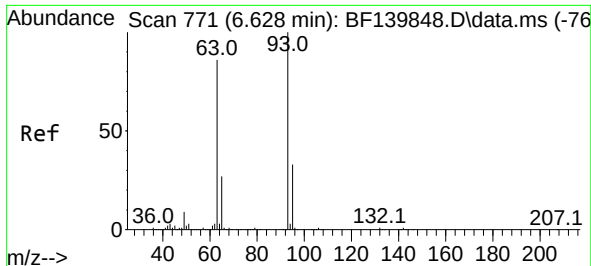
Tgt Ion: 77 Resp: 73730
Ion Ratio Lower Upper
77 100
105 93.9 75.5 115.5
106 93.6 71.7 111.7



#10
Phenol
Concen: 44.105 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion: 94 Resp: 504394
Ion Ratio Lower Upper
94 100
65 32.4 11.1 51.1
66 47.6 22.7 62.7

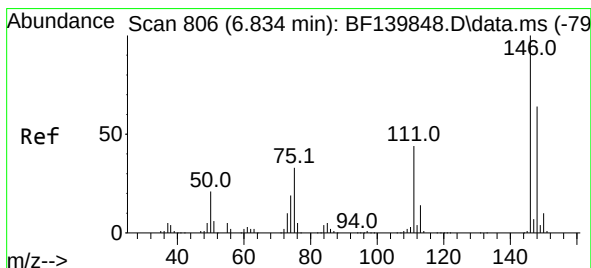
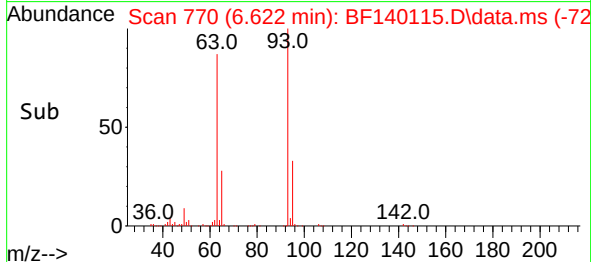
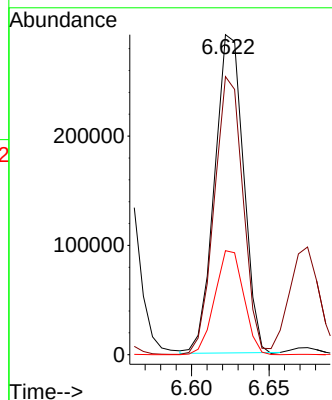
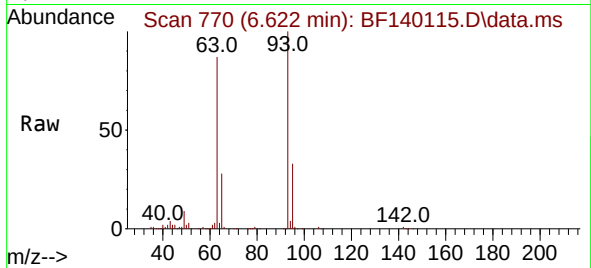




#11
bis(2-Chloroethyl)ether
Concen: 42.742 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

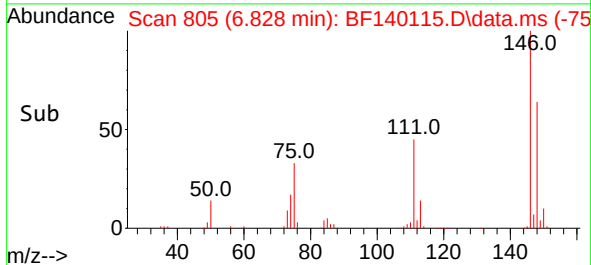
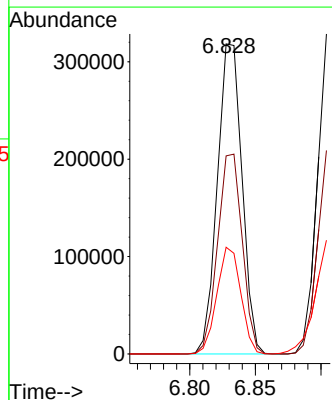
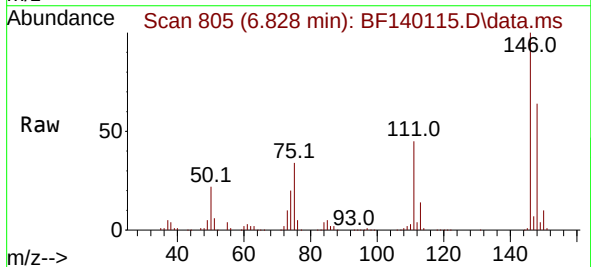
Instrument :
BNA_F
ClientSampleId :
PB164497BS

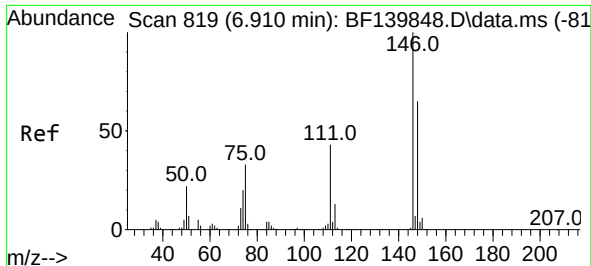
Tgt Ion: 93 Resp: 377812
Ion Ratio Lower Upper
93 100
63 86.9 65.0 105.0
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.453 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion: 146 Resp: 416641
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
75 34.4 26.4 39.6

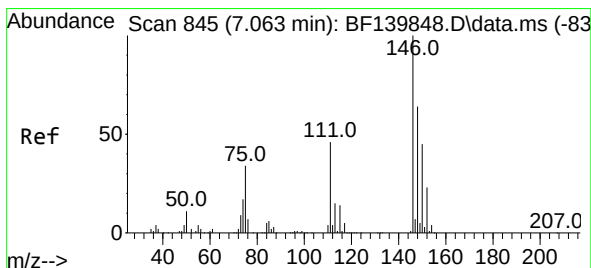
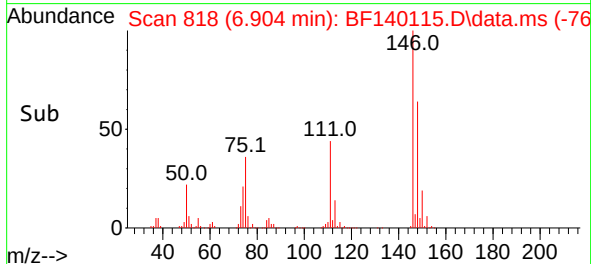
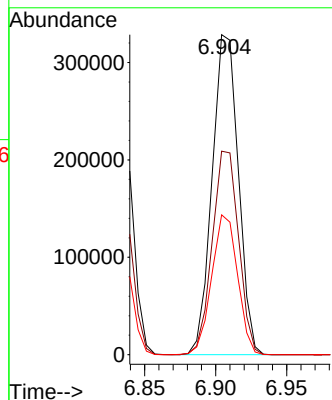
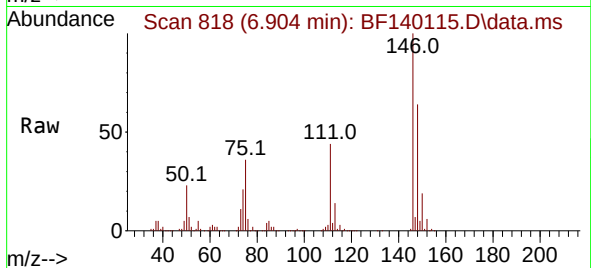




#13
1,4-Dichlorobenzene
Concen: 42.130 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

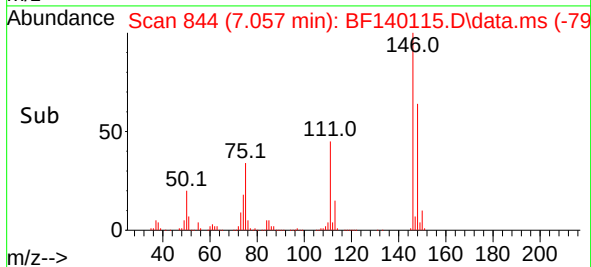
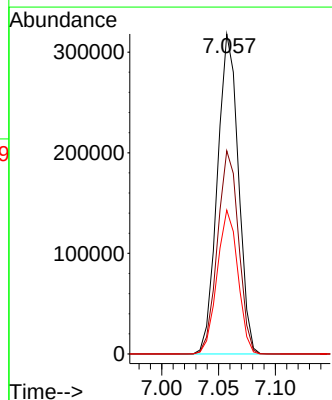
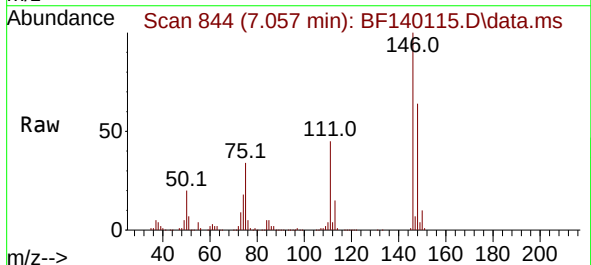
Instrument :
BNA_F
ClientSampleId :
PB164497BS

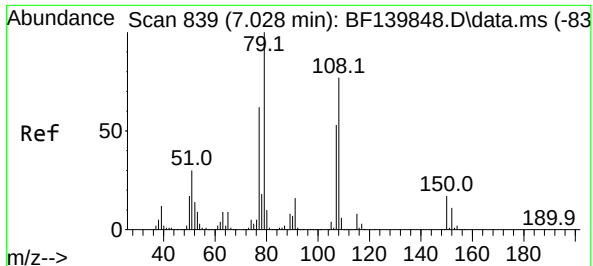
Tgt Ion:146 Resp: 423056
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
111 43.7 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 43.662 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:146 Resp: 409193
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 45.0 36.7 55.1

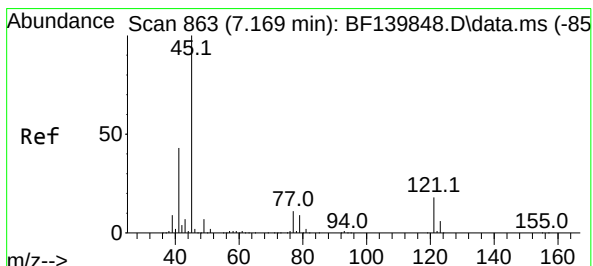
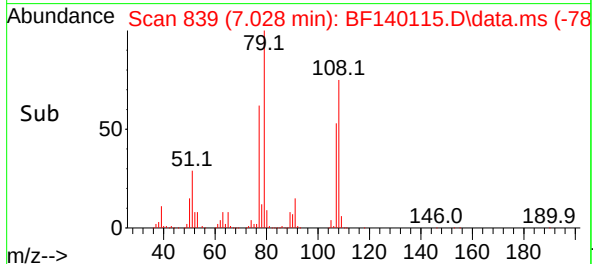
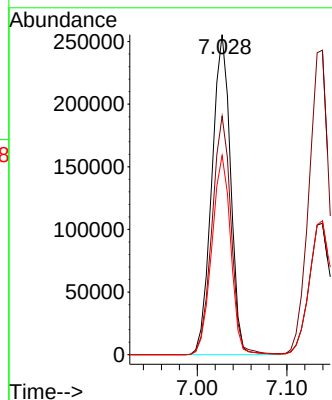
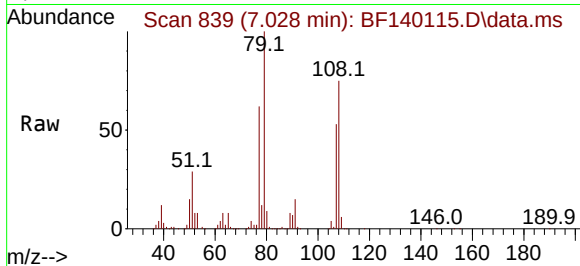




#15
Benzyl Alcohol
Concen: 45.712 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

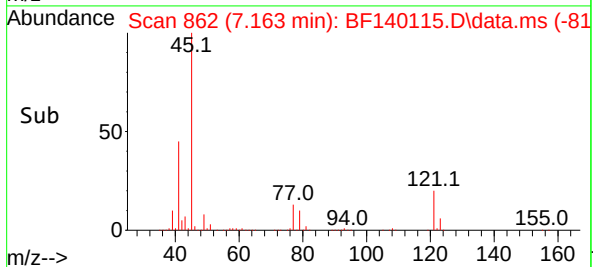
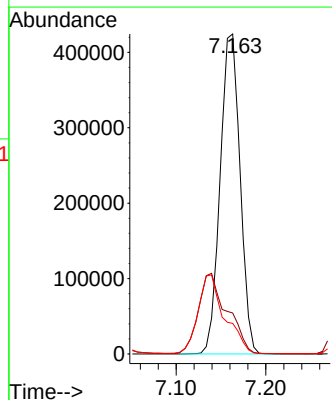
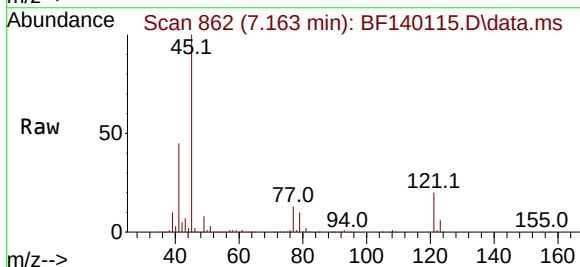
Instrument :
BNA_F
ClientSampleId :
PB164497BS

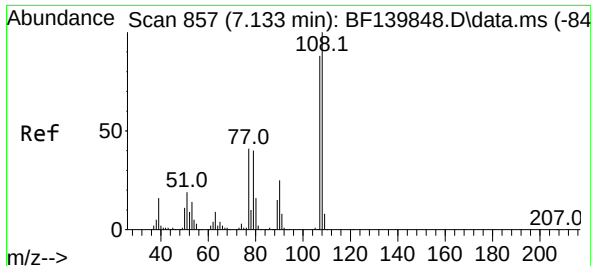
Tgt Ion: 79 Resp: 371957
Ion Ratio Lower Upper
79 100
108 74.5 61.4 92.0
77 62.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.439 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion: 45 Resp: 654720
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.5
79 9.6 0.0 29.1



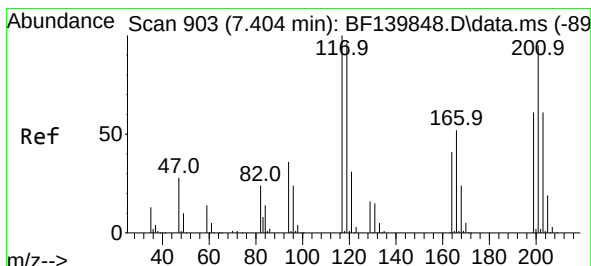
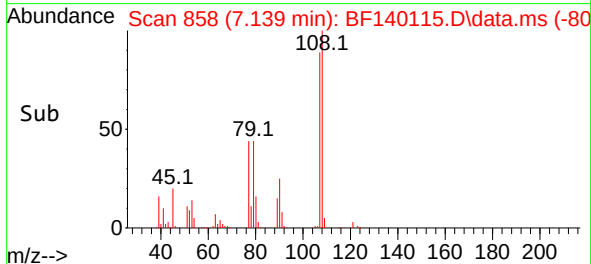
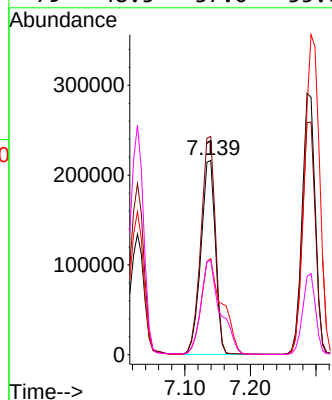
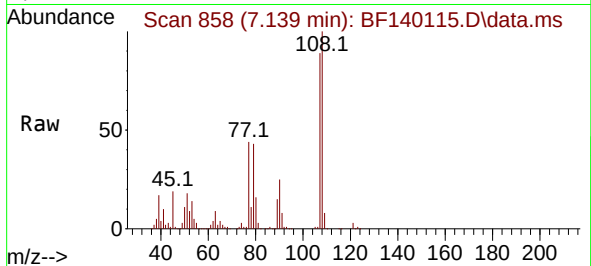


#17
2-Methylphenol
Concen: 44.632 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB164497BS

Tgt Ion:107 Resp: 333229

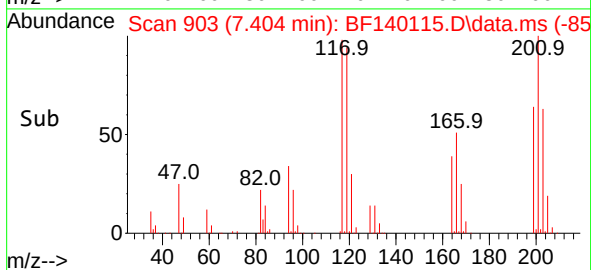
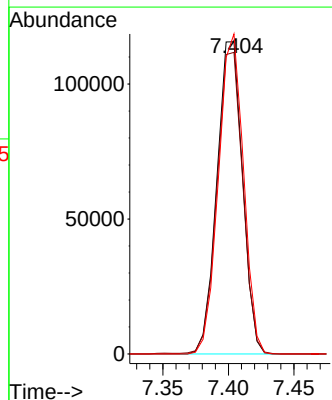
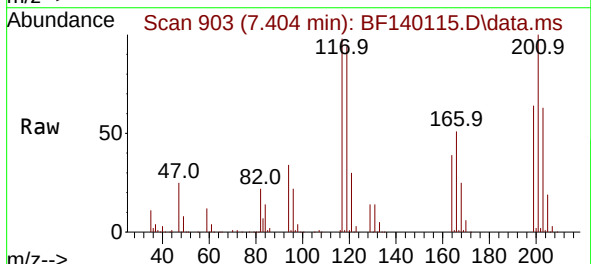
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.3	136.9
77	49.4	37.1	55.7
79	48.5	37.0	55.6

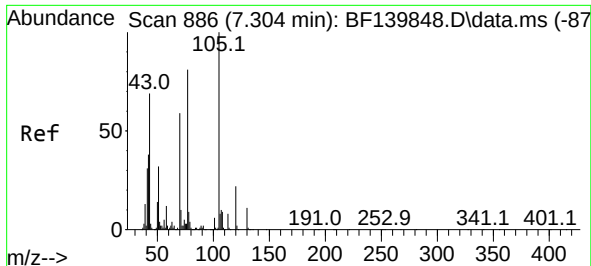


#18
Hexachloroethane
Concen: 43.972 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:117 Resp: 157457

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.4
201	102.5	76.2	114.4



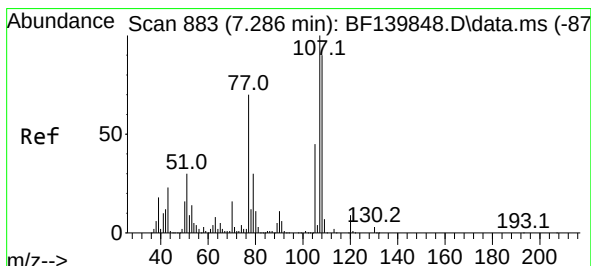
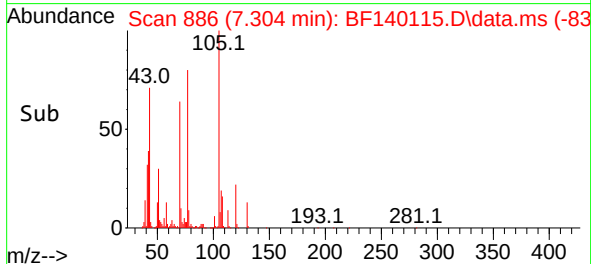
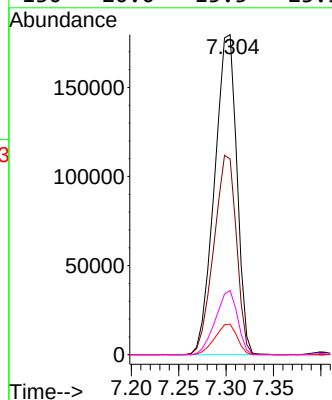
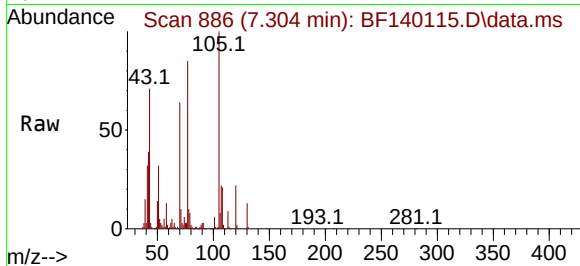


#19
n-Nitroso-di-n-propylamine
Concen: 43.823 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB164497BS

Tgt Ion: 70 Resp: 294832

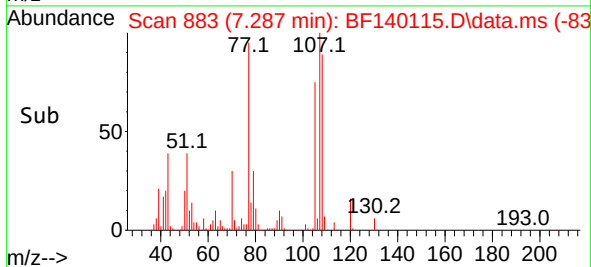
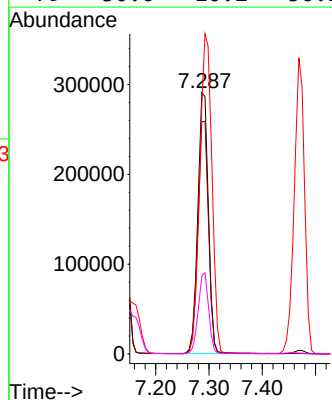
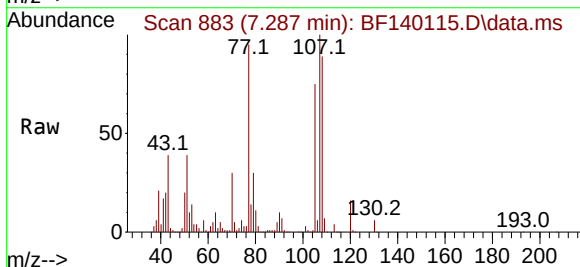
Ion	Ratio	Lower	Upper
70	100		
42	61.2	51.5	77.3
101	9.6	7.5	11.3
130	20.0	15.5	23.3

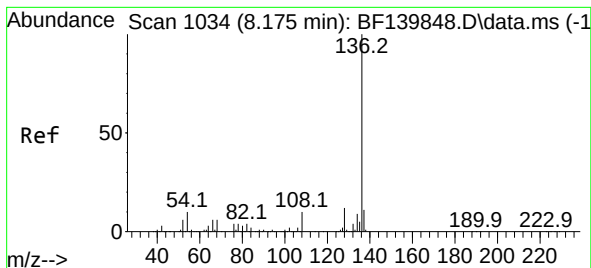


#20
3+4-Methylphenols
Concen: 42.196 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion: 107 Resp: 402960

Ion	Ratio	Lower	Upper
107	100		
108	88.8	69.8	109.8
77	94.9	50.5	90.5
79	30.0	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

Tgt Ion:136 Resp: 526800

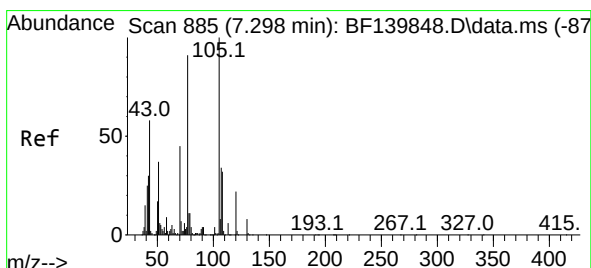
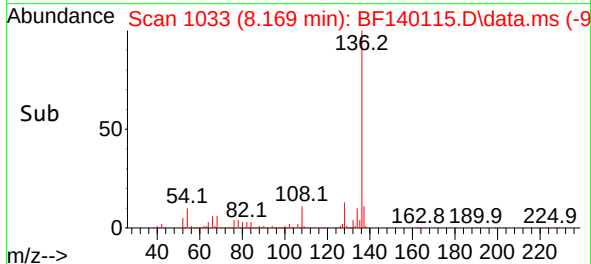
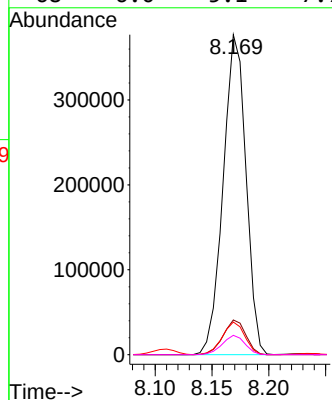
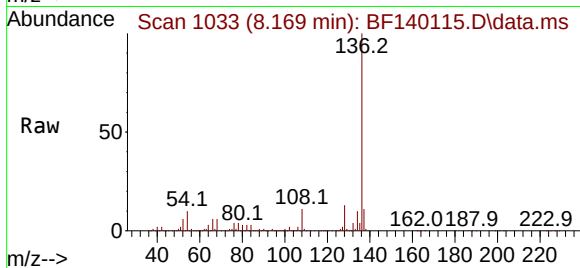
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 10.2 8.4 12.6

68 6.0 5.1 7.7



#22

Acetophenone

Concen: 42.061 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Tgt Ion:105 Resp: 542722

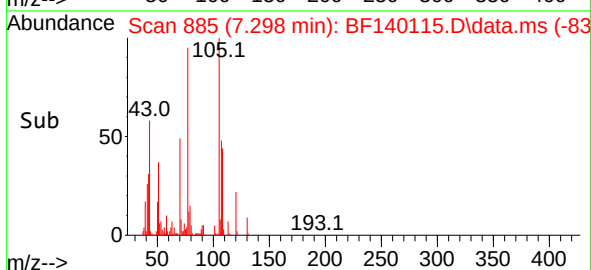
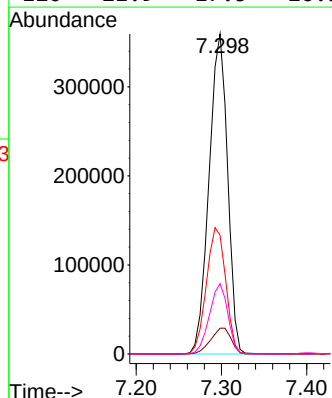
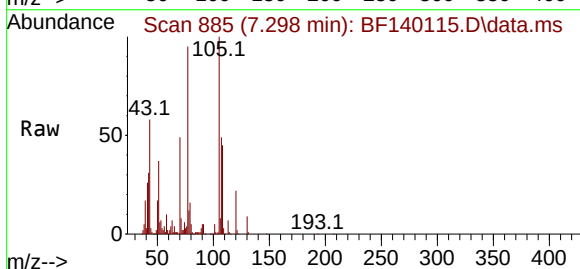
Ion Ratio Lower Upper

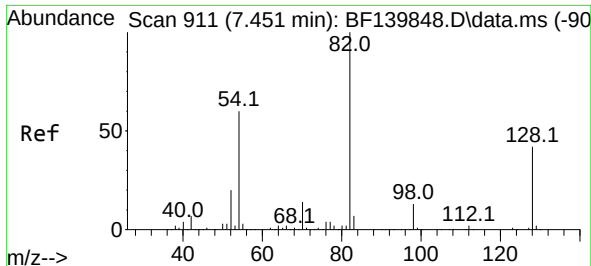
105 100

71 8.0 5.9 8.9

51 37.1 29.4 44.2

120 21.9 17.5 26.3

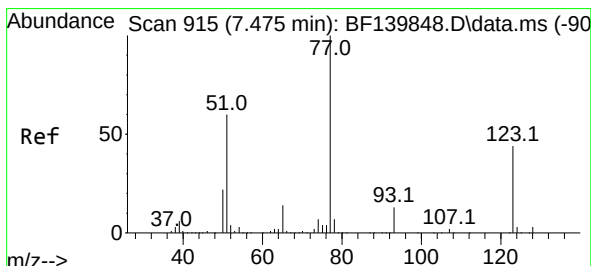
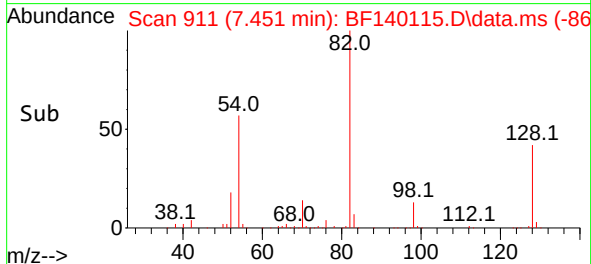
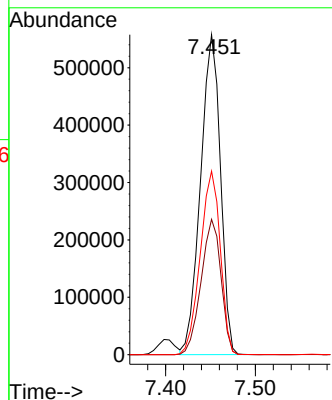
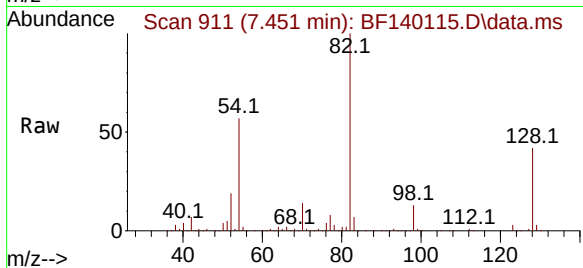




#23
 Nitrobenzene-d5
 Concen: 90.331 ng
 RT: 7.451 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: BF140115.D
 Acq: 29 Oct 2024 16:52

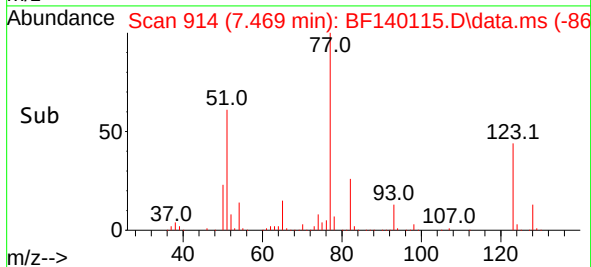
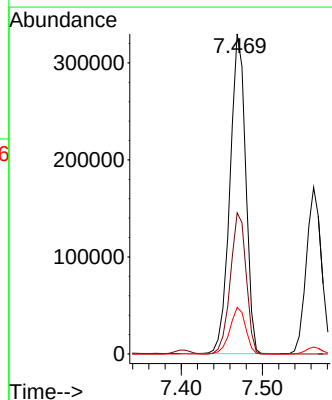
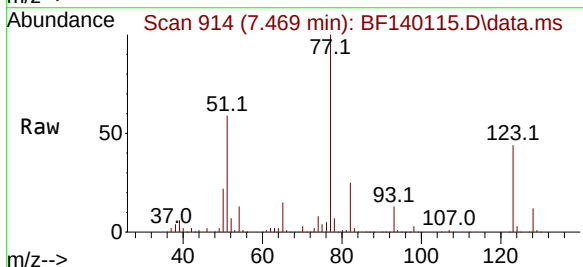
Instrument :
 BNA_F
 ClientSampleId :
 PB164497BS

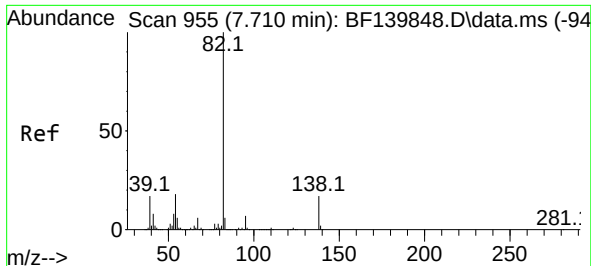
Tgt Ion: 82 Resp: 858589
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.4 50.0
 54 57.4 47.8 71.8



#24
 Nitrobenzene
 Concen: 42.485 ng
 RT: 7.469 min Scan# 914
 Delta R.T. -0.006 min
 Lab File: BF140115.D
 Acq: 29 Oct 2024 16:52

Tgt Ion: 77 Resp: 442746
 Ion Ratio Lower Upper
 77 100
 123 44.1 35.7 53.5
 65 14.5 11.5 17.3

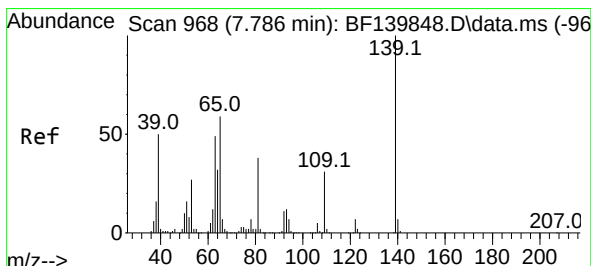
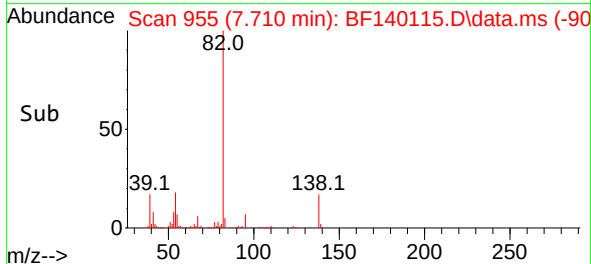
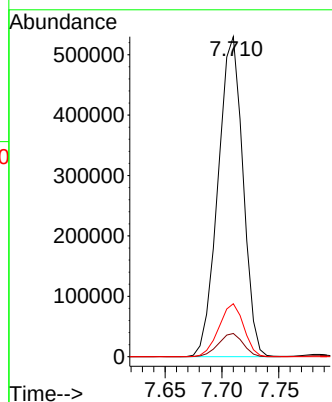
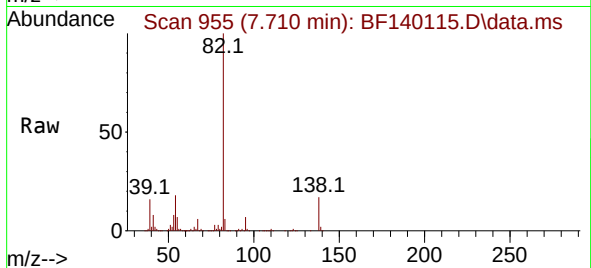




#25
Isophorone
Concen: 44.941 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

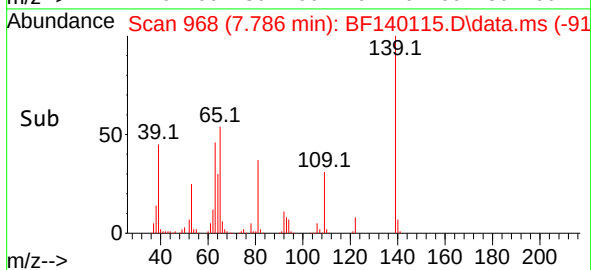
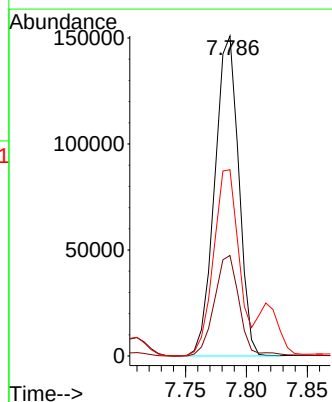
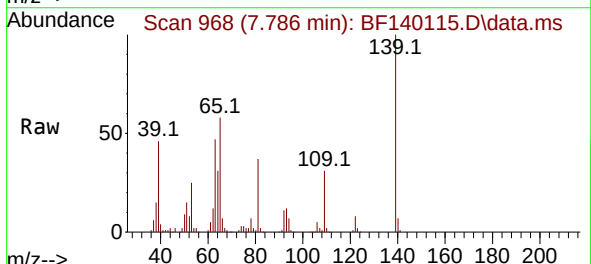
Instrument :
BNA_F
ClientSampleId :
PB164497BS

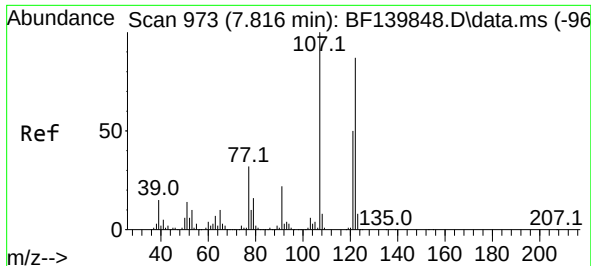
Tgt Ion: 82 Resp: 810762
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.6 13.2 19.8



#26
2-Nitrophenol
Concen: 52.729 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

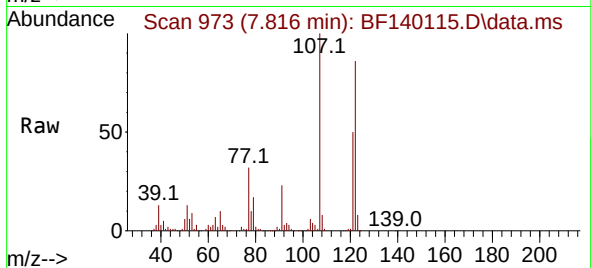
Tgt Ion:139 Resp: 207301
Ion Ratio Lower Upper
139 100
109 31.4 25.1 37.7
65 58.2 47.5 71.3



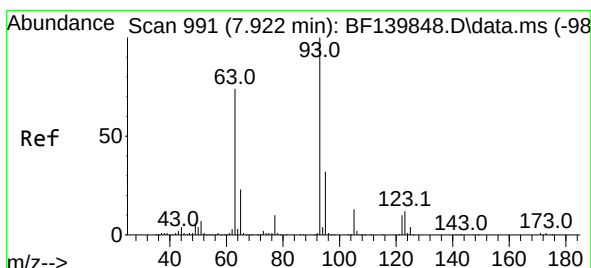
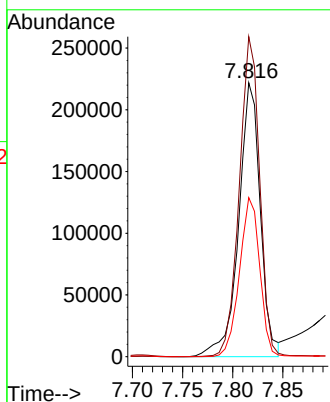
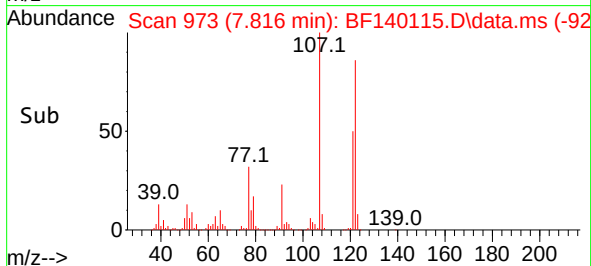


#27
2,4-Dimethylphenol
Concen: 50.878 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

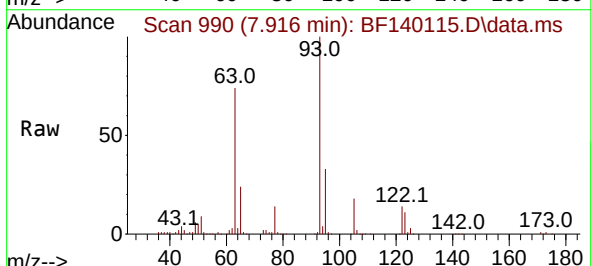
Instrument :
BNA_F
ClientSampleId :
PB164497BS



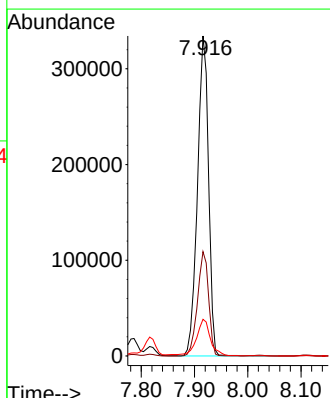
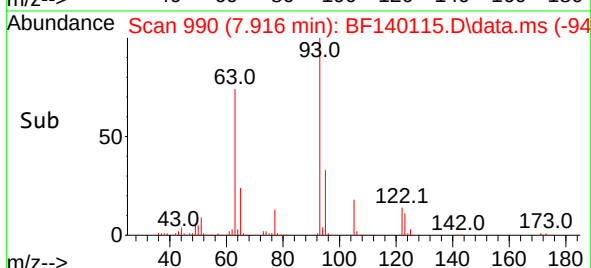
Tgt Ion:122 Resp: 333531
Ion Ratio Lower Upper
122 100
107 116.8 91.9 137.9
121 58.1 46.2 69.4

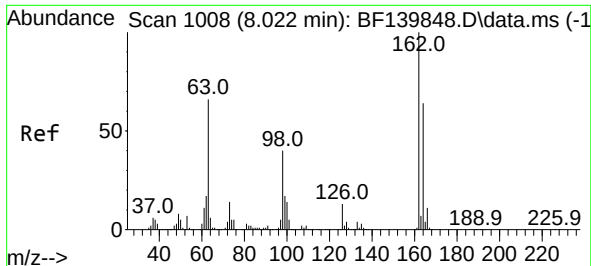


#28
bis(2-Chloroethoxy)methane
Concen: 44.022 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52



Tgt Ion: 93 Resp: 481171
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.5 9.8 14.8

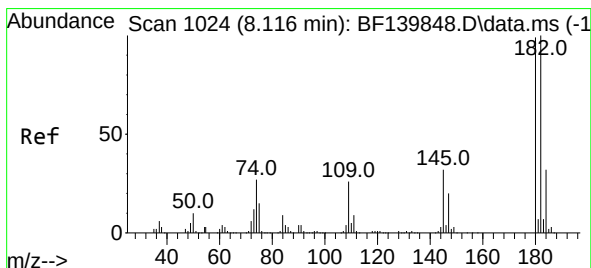
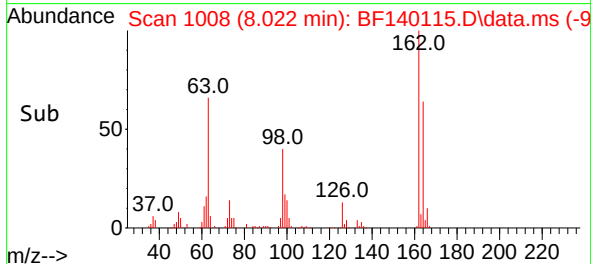
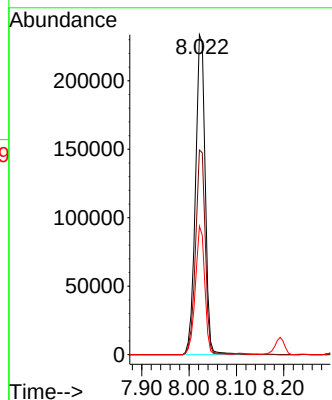
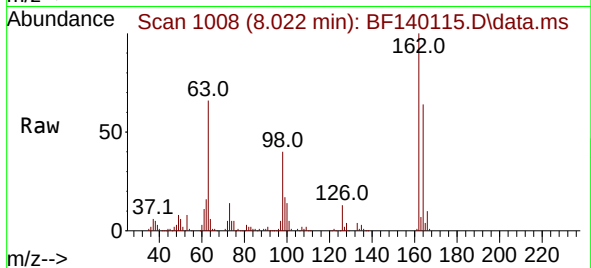




#29
2,4-Dichlorophenol
Concen: 44.790 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

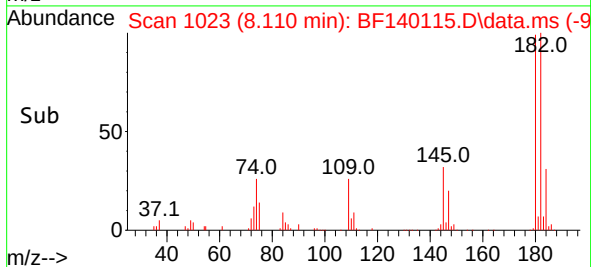
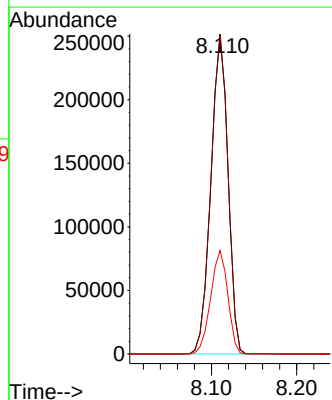
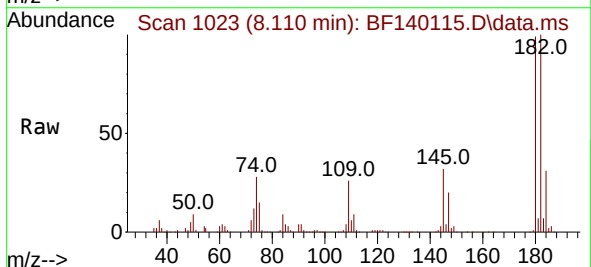
Instrument :
BNA_F
ClientSampleId :
PB164497BS

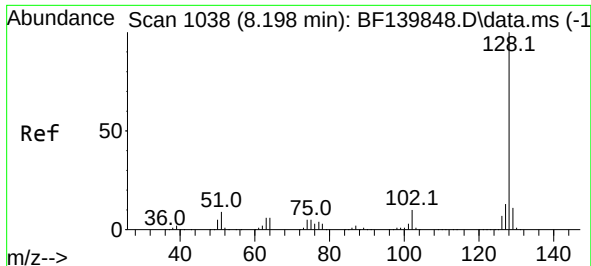
Tgt Ion:162 Resp: 334439
Ion Ratio Lower Upper
162 100
164 63.9 43.9 83.9
98 40.1 19.9 59.9



#30
1,2,4-Trichlorobenzene
Concen: 42.263 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:180 Resp: 349185
Ion Ratio Lower Upper
180 100
182 100.5 80.5 120.7
145 32.5 25.4 38.0

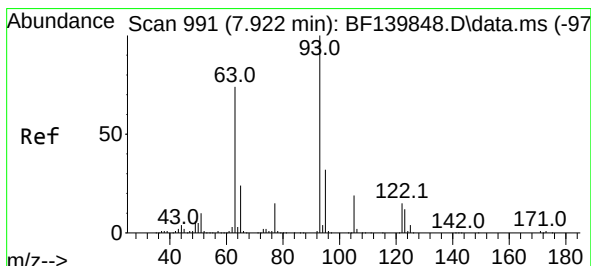
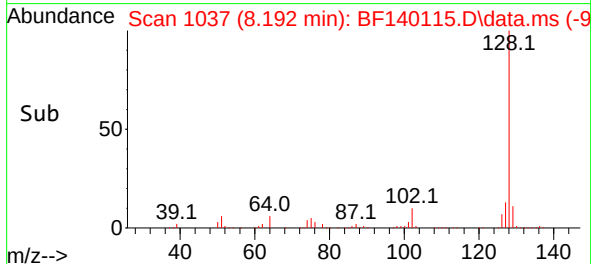
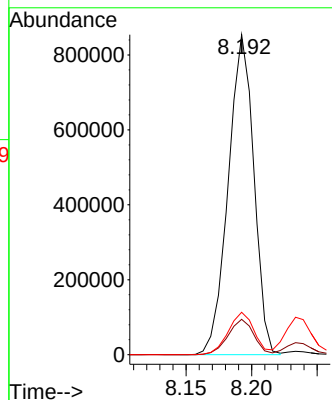
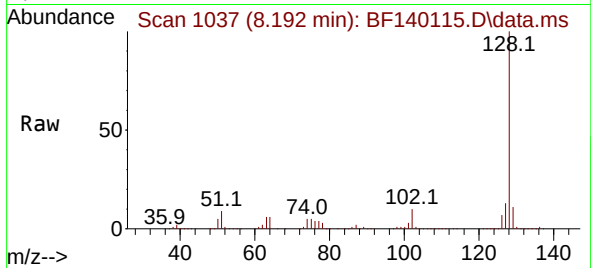




#31
Naphthalene
Concen: 42.731 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

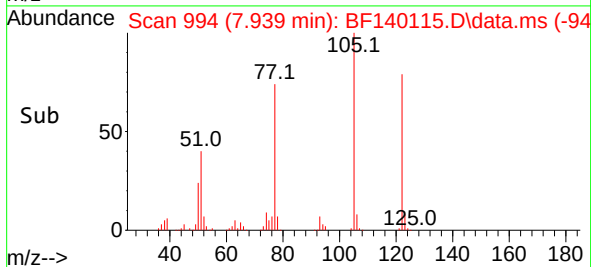
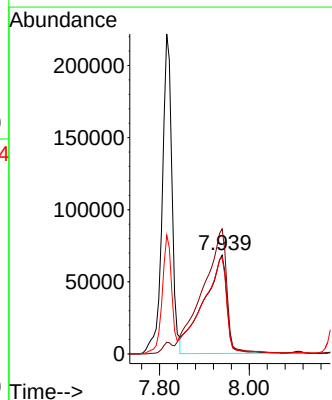
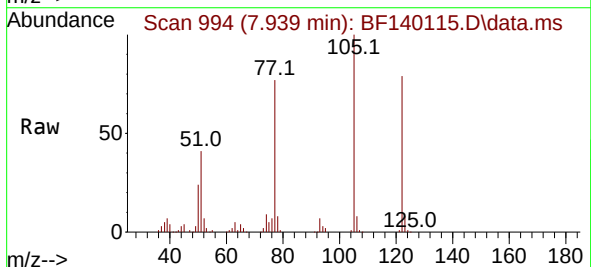
Instrument :
BNA_F
ClientSampleId :
PB164497BS

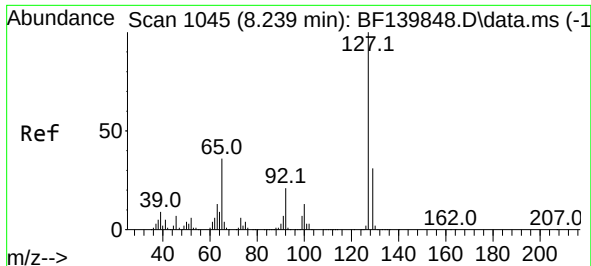
Tgt Ion:128 Resp: 1160966
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 43.192 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:122 Resp: 246956
Ion Ratio Lower Upper
122 100
105 126.8 107.6 147.6
77 98.0 80.2 120.2

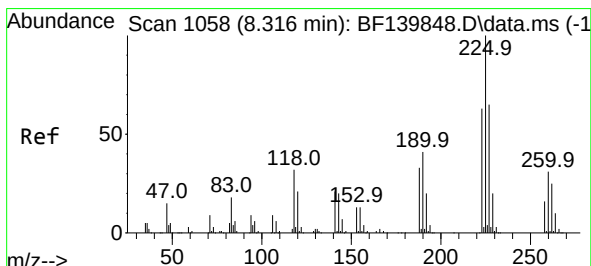
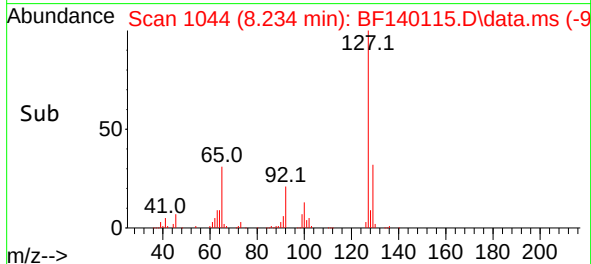
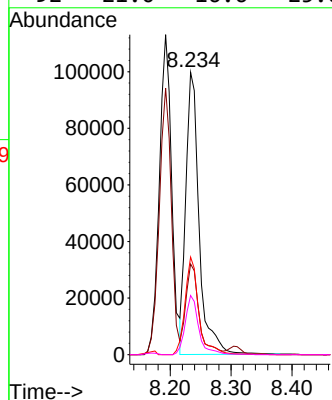
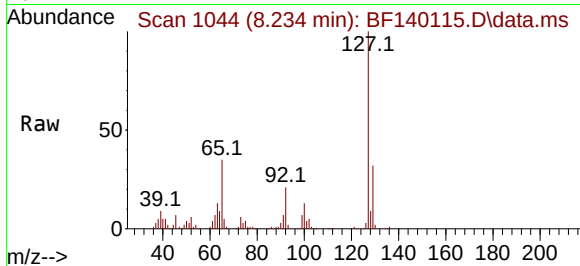




#33
4-Chloroaniline
Concen: 16.353 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

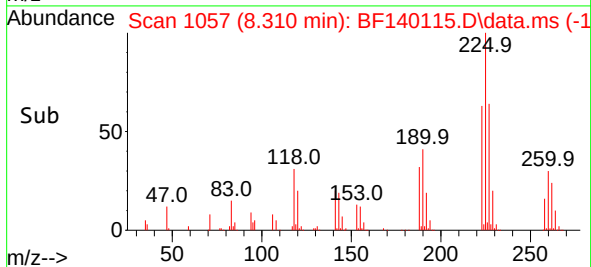
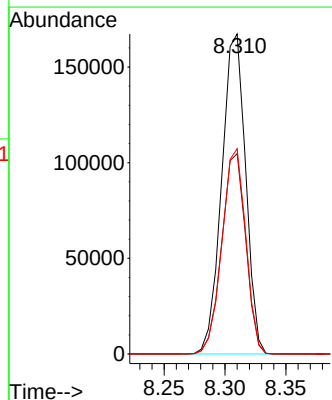
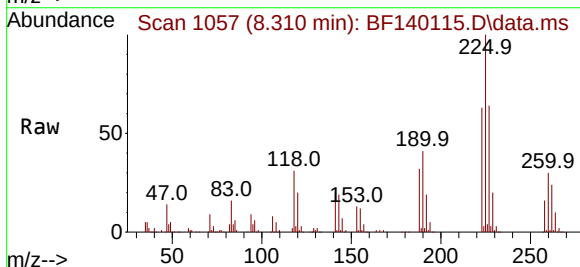
Instrument :
BNA_F
ClientSampleId :
PB164497BS

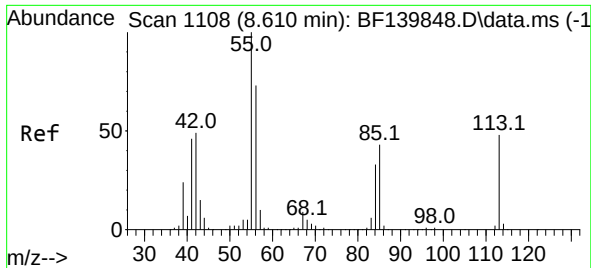
Tgt Ion:	127	Resp:	151504
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.4	38.2
65	34.5	28.4	42.6
92	21.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.056 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:	225	Resp:	228704
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.2	51.8	77.8

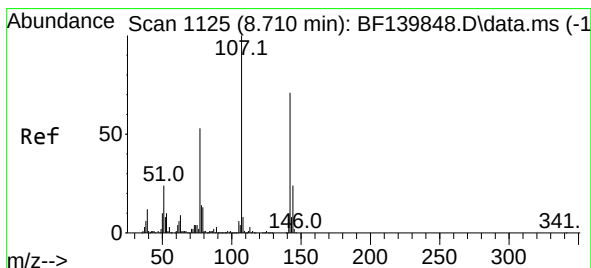
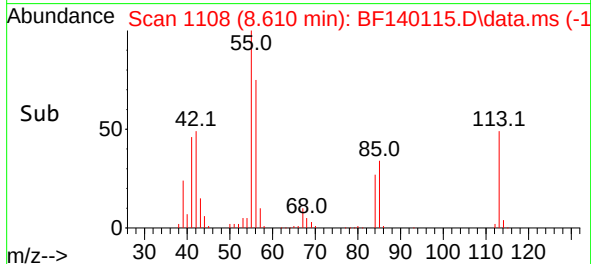
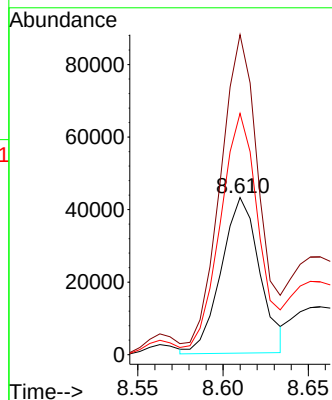
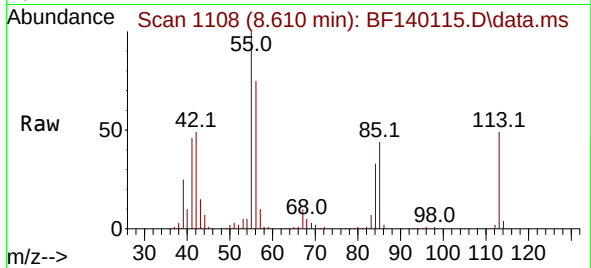




#35
 Caprolactam
 Concen: 28.422 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140115.D
 Acq: 29 Oct 2024 16:52

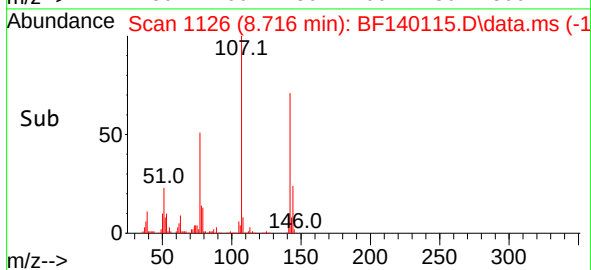
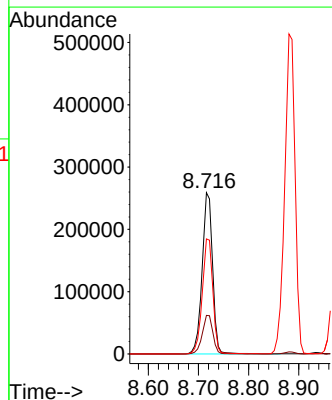
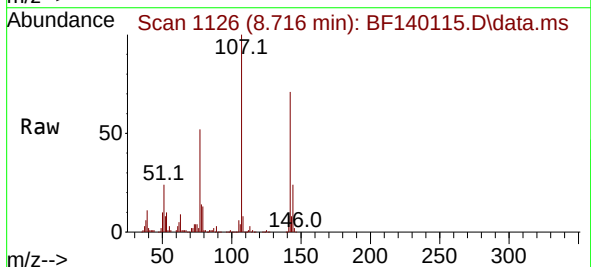
Instrument :
 BNA_F
 ClientSampleId :
 PB164497BS

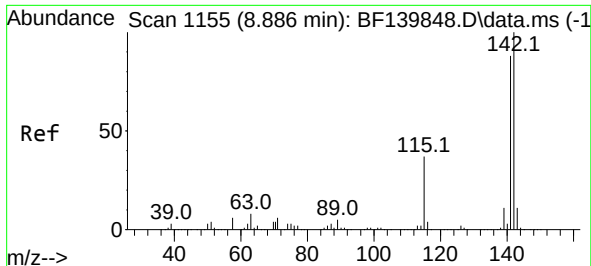
Tgt Ion:113 Resp: 67480
 Ion Ratio Lower Upper
 113 100
 55 203.6 189.2 229.2
 56 153.5 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.447 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140115.D
 Acq: 29 Oct 2024 16:52

Tgt Ion:107 Resp: 375752
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.1 28.7
 142 71.4 57.2 85.8





#37

2-Methylnaphthalene

Concen: 44.283 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

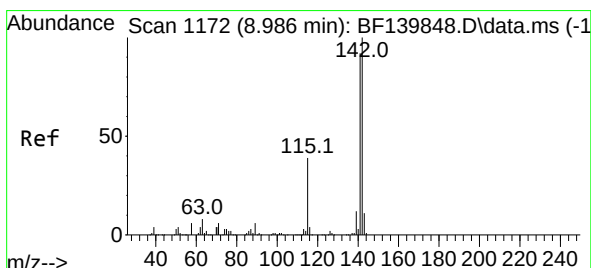
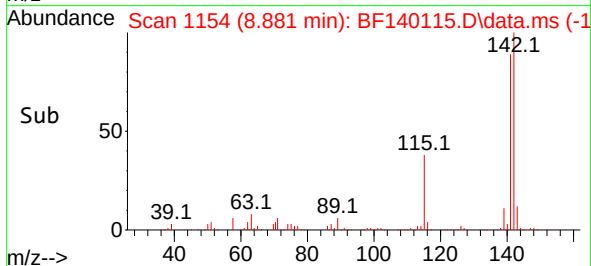
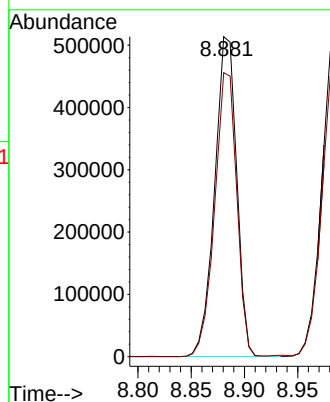
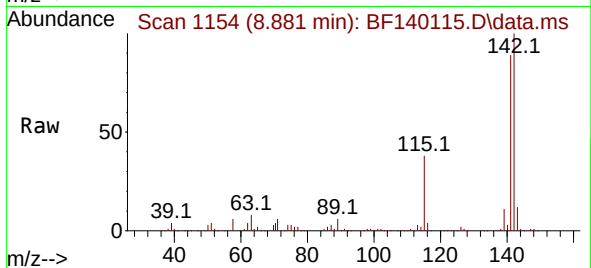
PB164497BS

Tgt Ion:142 Resp: 736849

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2



#38

1-Methylnaphthalene

Concen: 42.185 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140115.D

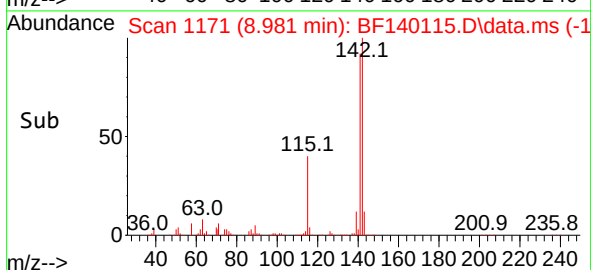
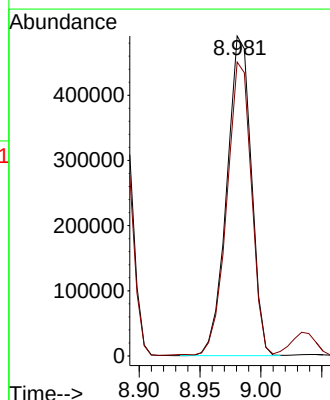
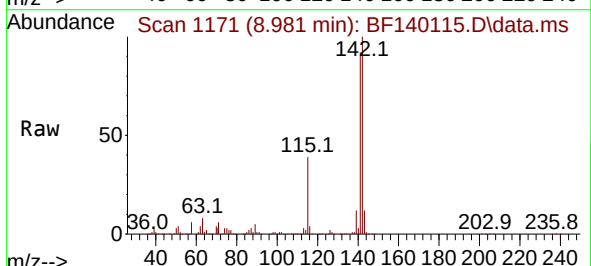
Acq: 29 Oct 2024 16:52

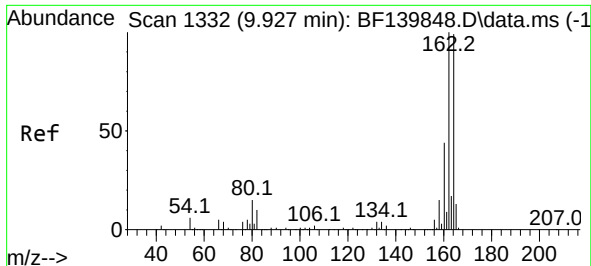
Tgt Ion:142 Resp: 688682

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3

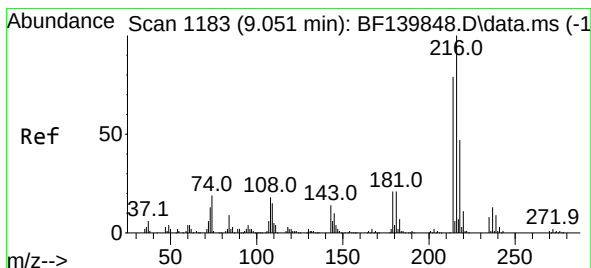
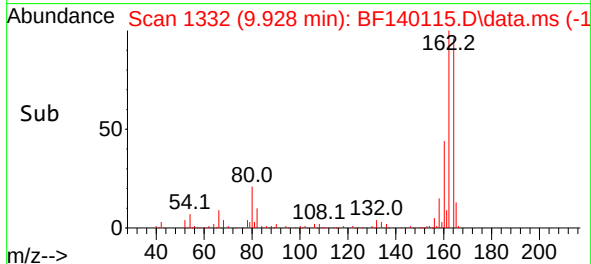
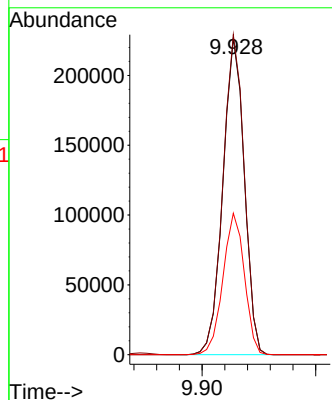
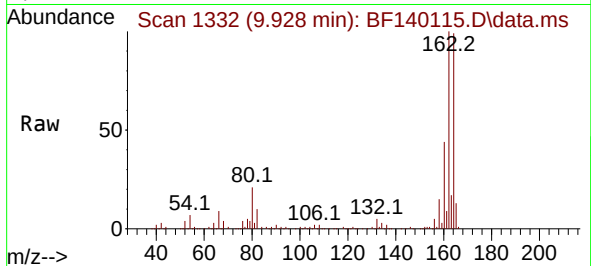




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

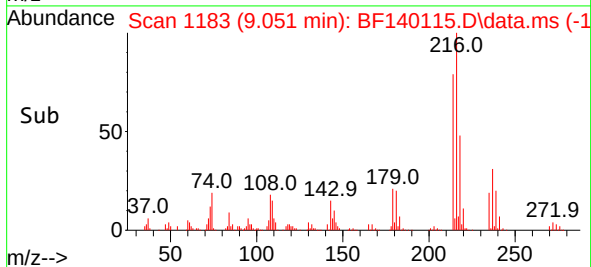
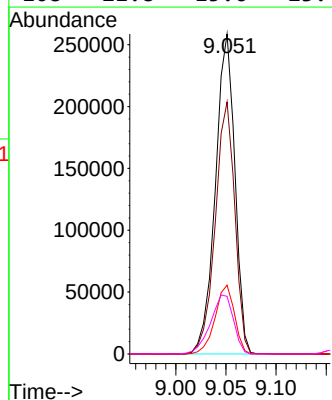
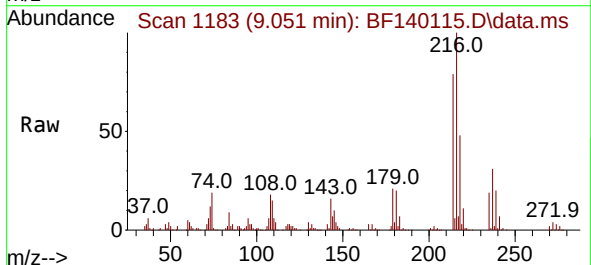
Instrument :
BNA_F
ClientSampleId :
PB164497BS

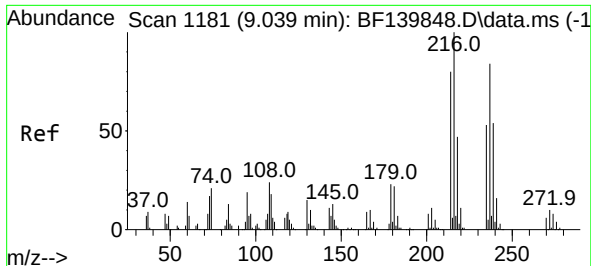
Tgt Ion:164 Resp: 296679
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.645 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

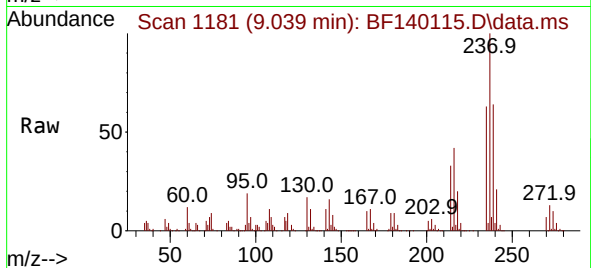
Tgt Ion:216 Resp: 349335
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 21.5 17.2 25.8
108 21.8 15.6 23.4



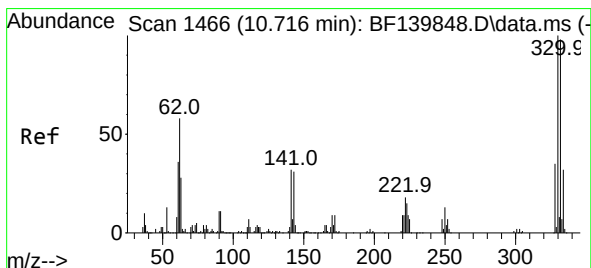
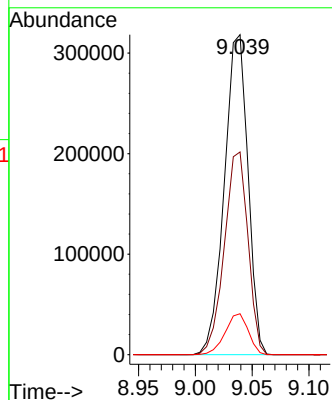
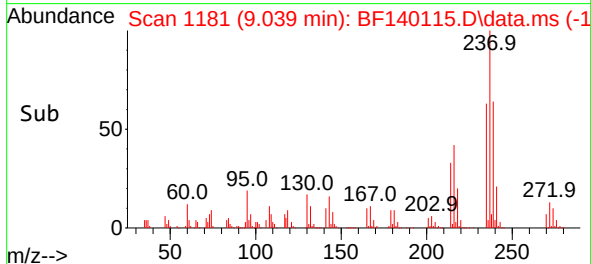


#41
Hexachlorocyclopentadiene
Concen: 165.231 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

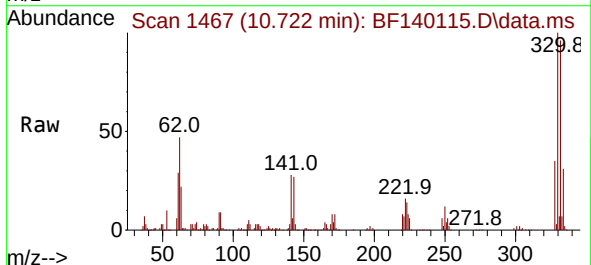
Instrument :
BNA_F
ClientSampleId :
PB164497BS



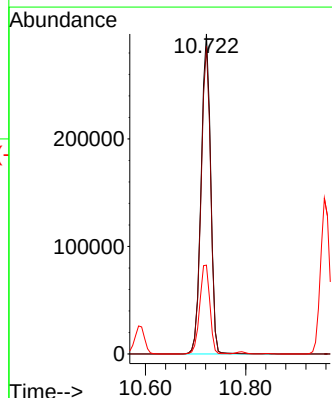
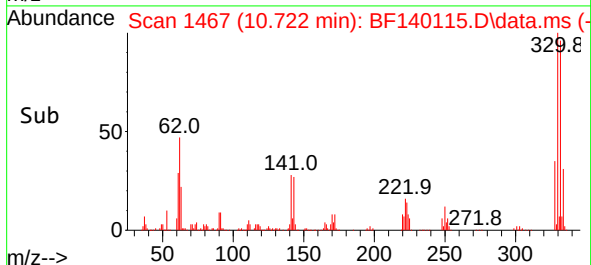
Tgt Ion:237 Resp: 460165
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.8 0.0 32.3

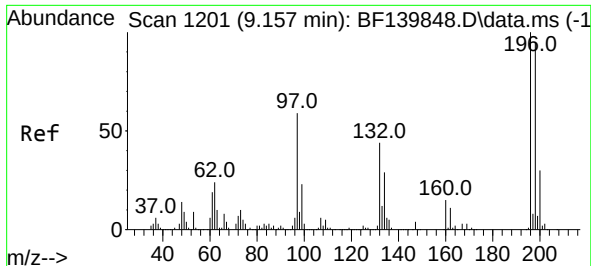


#42
2,4,6-Tribromophenol
Concen: 141.450 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52



Tgt Ion:330 Resp: 392531
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 29.6 26.6 39.8

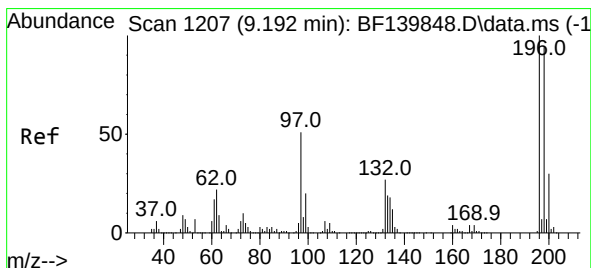
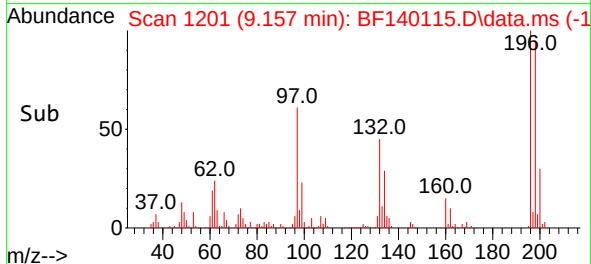
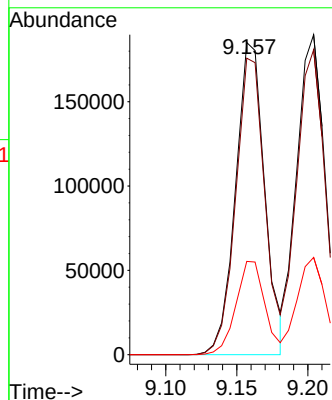
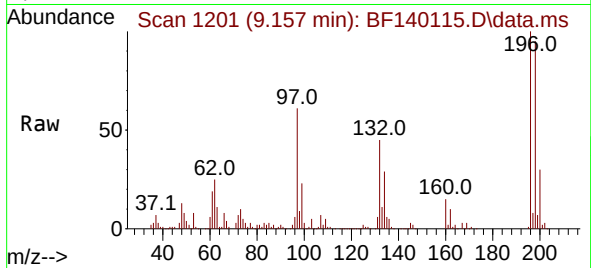




#43
2,4,6-Trichlorophenol
Concen: 46.517 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

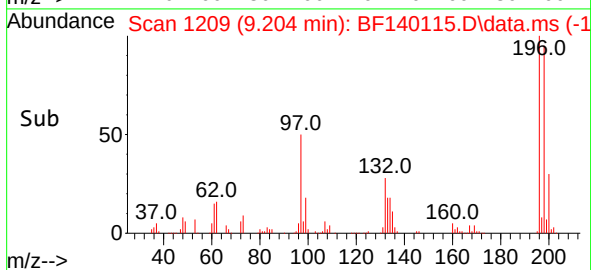
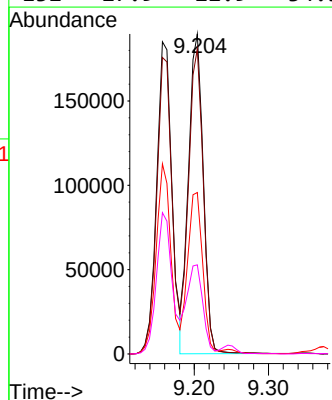
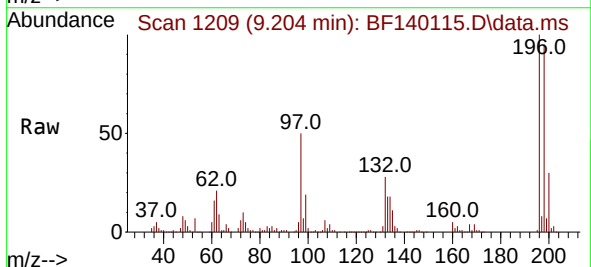
Instrument :
BNA_F
ClientSampleId :
PB164497BS

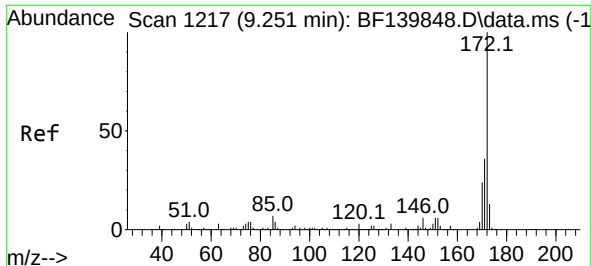
Tgt Ion:196 Resp: 263599
Ion Ratio Lower Upper
196 100
198 95.0 76.2 114.2
200 29.9 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 44.925 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:196 Resp: 262655
Ion Ratio Lower Upper
196 100
198 95.3 75.8 113.6
97 50.4 41.8 62.6
132 27.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 87.179 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

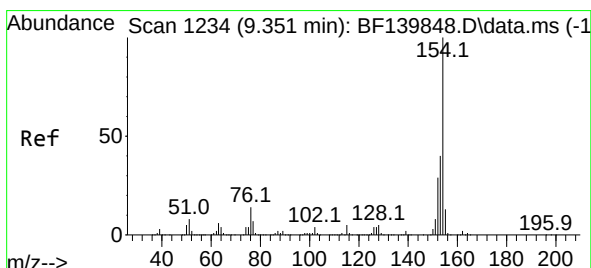
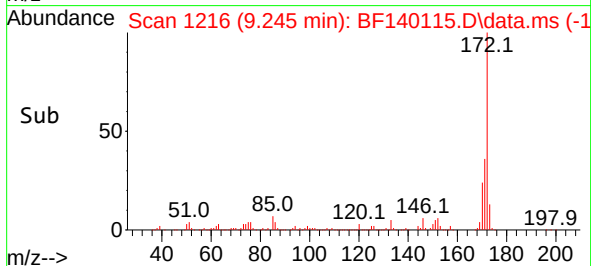
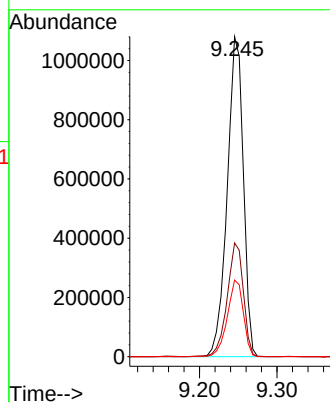
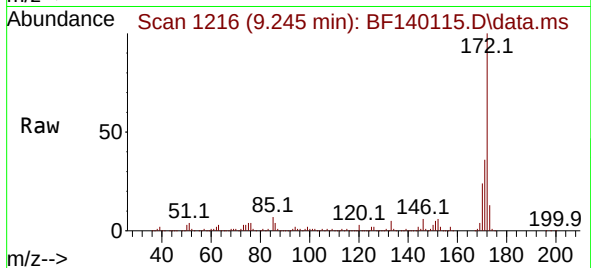
Tgt Ion:172 Resp: 1564960

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.374 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

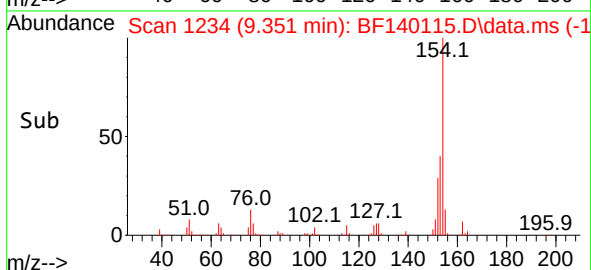
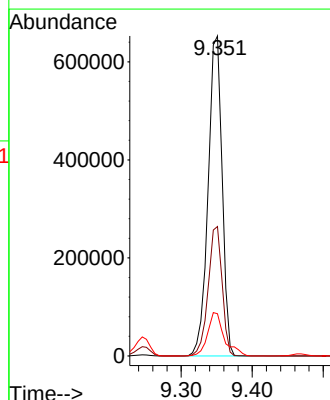
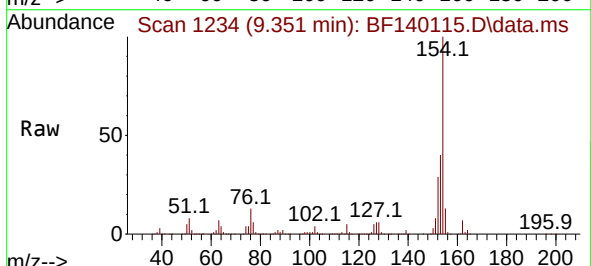
Tgt Ion:154 Resp: 895803

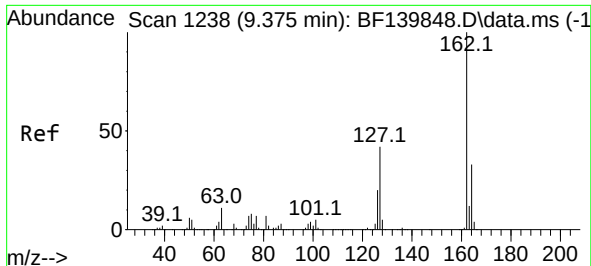
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.2 0.0 33.9





#47

2-Chloronaphthalene

Concen: 42.759 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

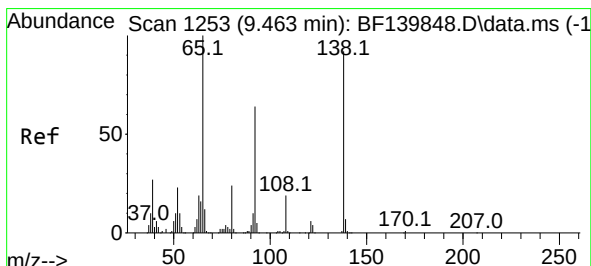
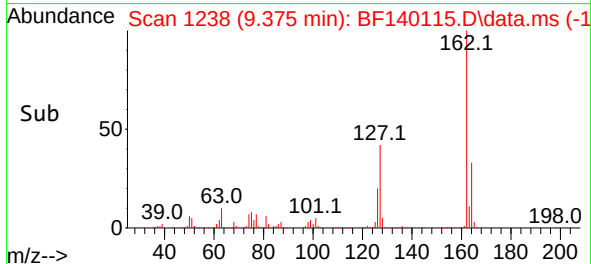
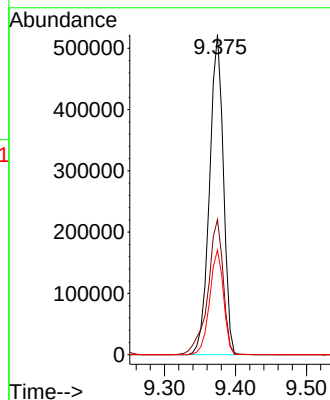
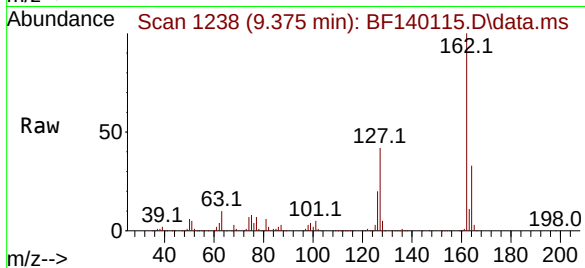
Tgt Ion:162 Resp: 711275

Ion Ratio Lower Upper

162 100

127 42.2 33.8 50.6

164 32.7 26.6 39.8



#48

2-Nitroaniline

Concen: 50.315 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

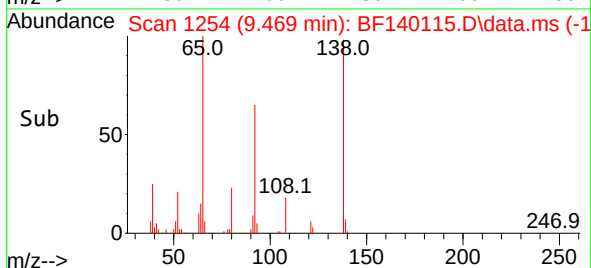
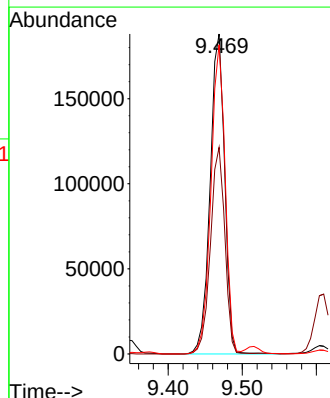
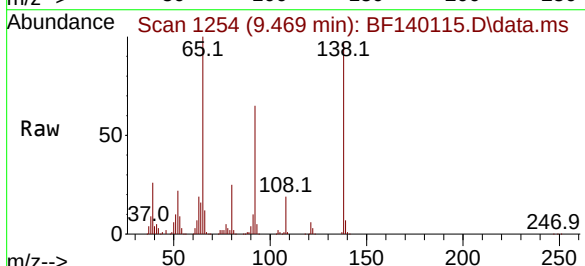
Tgt Ion: 65 Resp: 255976

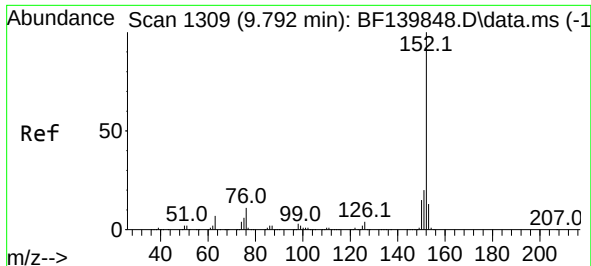
Ion Ratio Lower Upper

65 100

92 64.6 50.9 76.3

138 96.6 73.4 110.0





#49

Acenaphthylene

Concen: 46.347 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

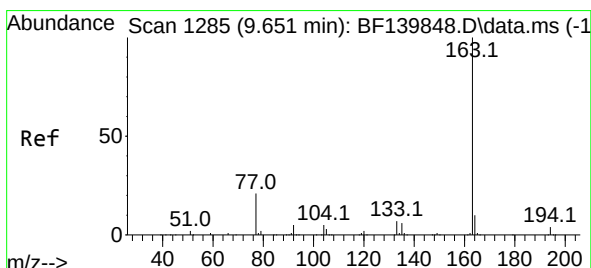
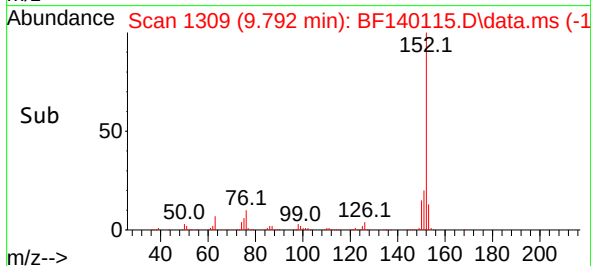
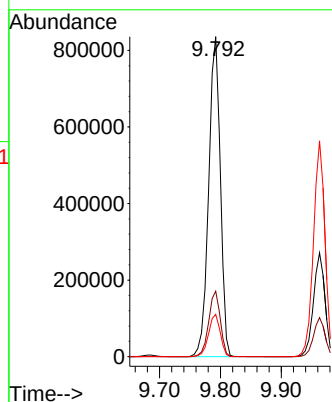
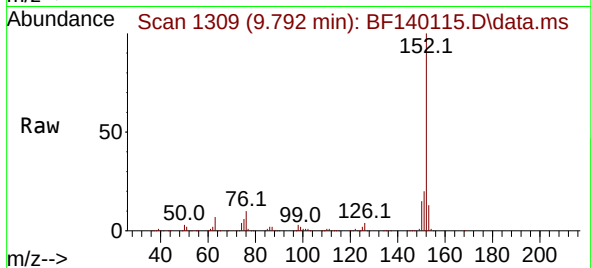
Tgt Ion:152 Resp: 1114577

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 46.008 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

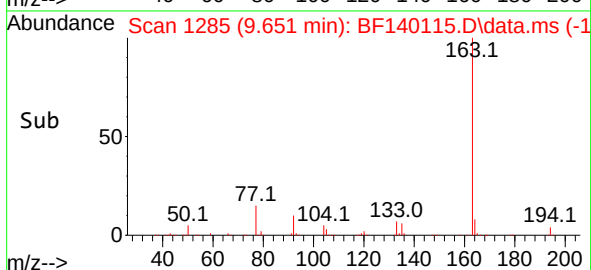
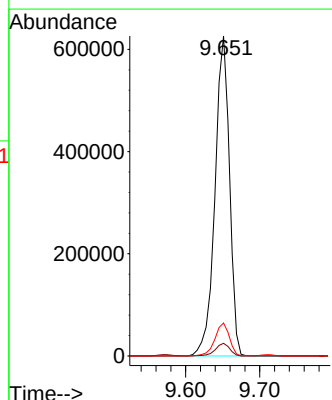
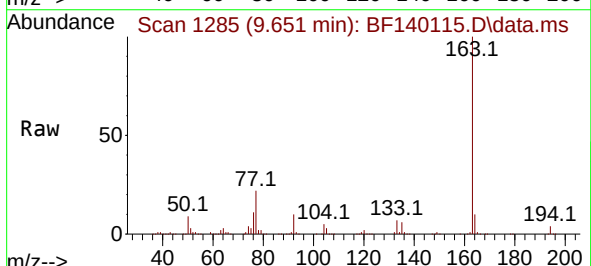
Tgt Ion:163 Resp: 850212

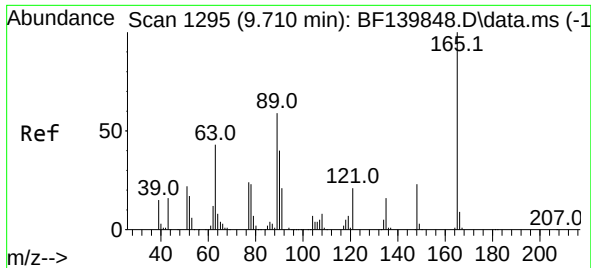
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.3 8.2 12.2

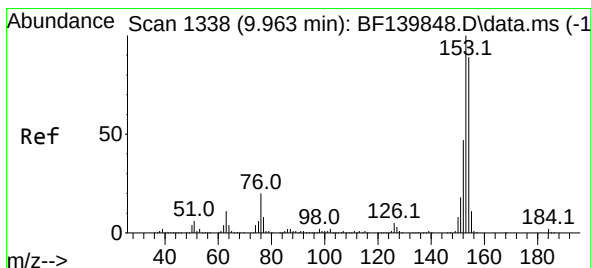
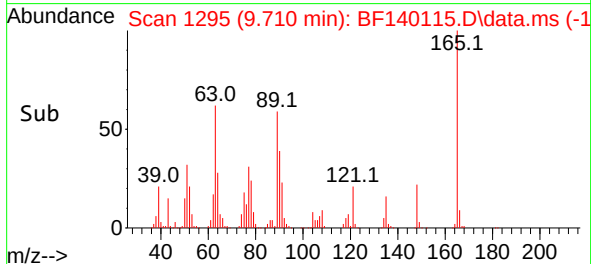
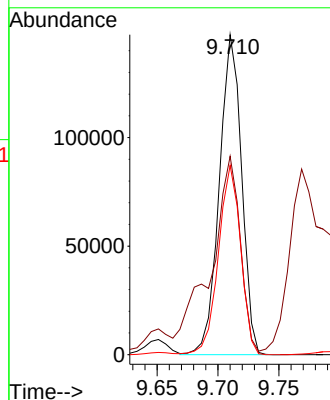
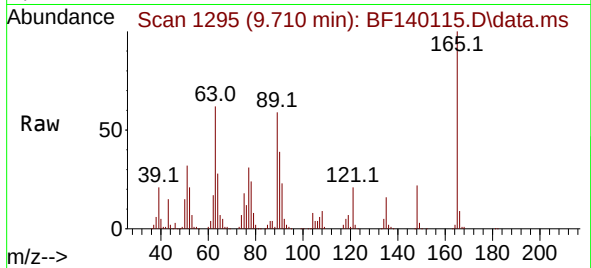




#51
2,6-Dinitrotoluene
Concen: 46.942 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

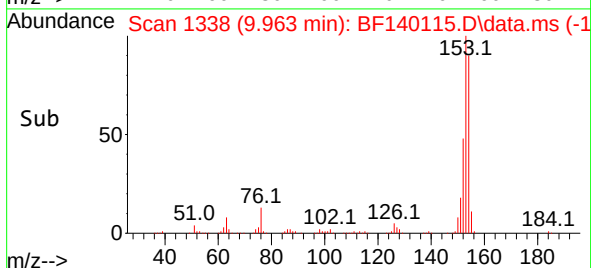
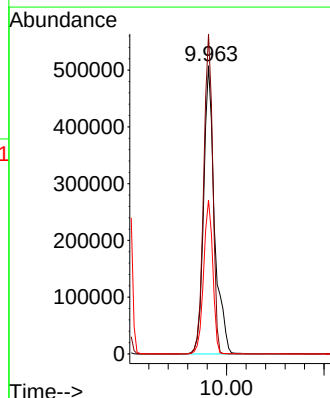
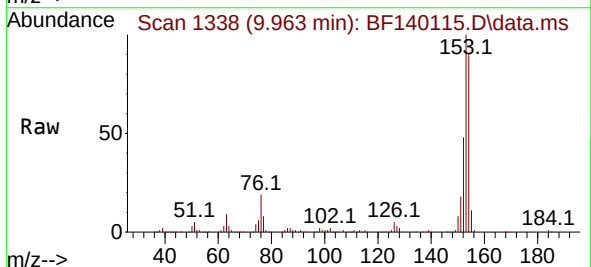
Instrument :
BNA_F
ClientSampleId :
PB164497BS

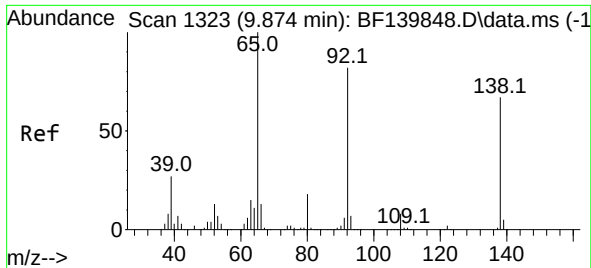
Tgt Ion:165 Resp: 187823
Ion Ratio Lower Upper
165 100
63 62.0 50.6 75.8
89 59.1 47.5 71.3



#52
Acenaphthene
Concen: 50.864 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:154 Resp: 791274
Ion Ratio Lower Upper
154 100
153 111.0 89.8 134.6
152 53.4 42.4 63.6

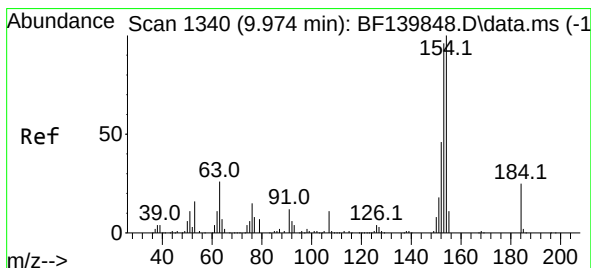
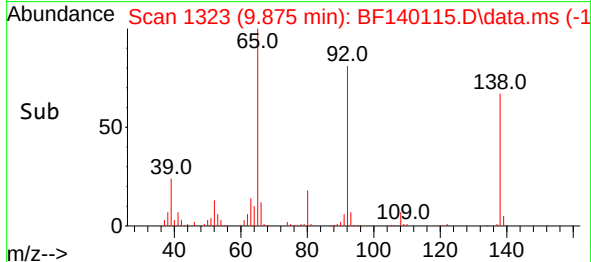
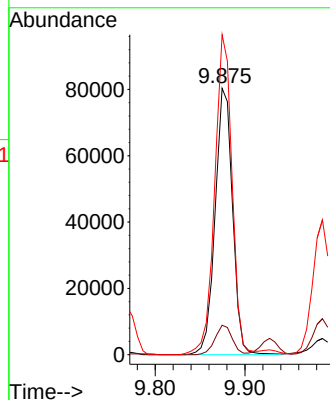
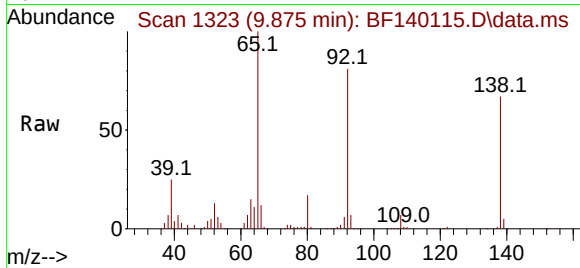




#53
3-Nitroaniline
Concen: 26.233 ng
RT: 9.875 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

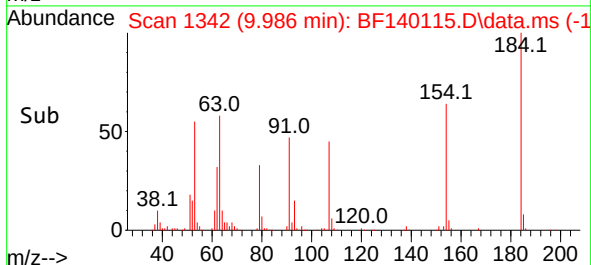
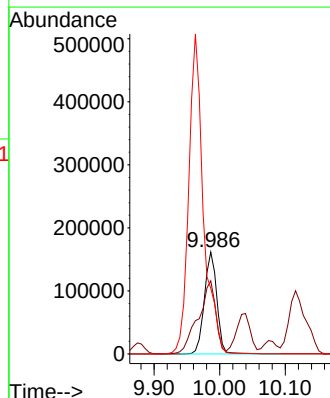
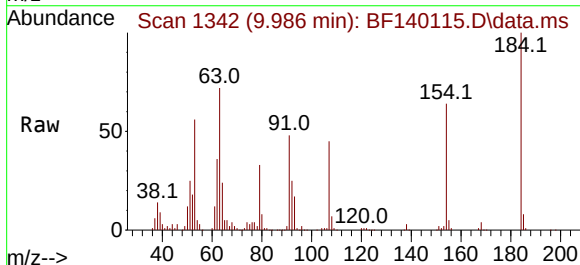
Instrument :
BNA_F
ClientSampleId :
PB164497BS

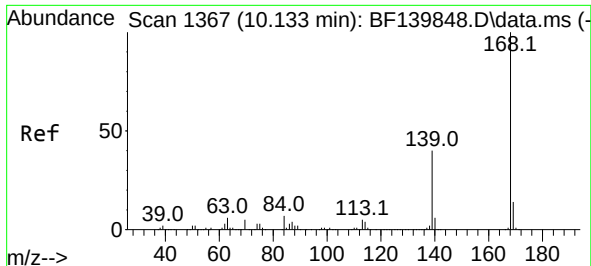
Tgt Ion:138 Resp: 108242
Ion Ratio Lower Upper
138 100
108 11.1 10.2 15.2
92 120.1 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 125.230 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:184 Resp: 214865
Ion Ratio Lower Upper
184 100
63 71.7 84.7 127.1#
154 64.5 338.2 507.2#

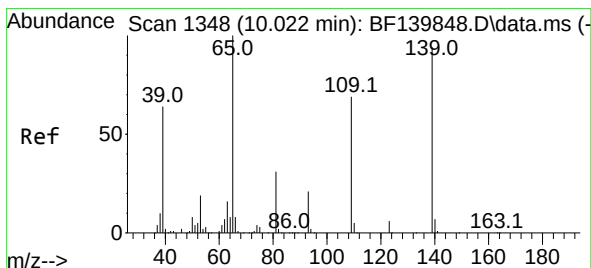
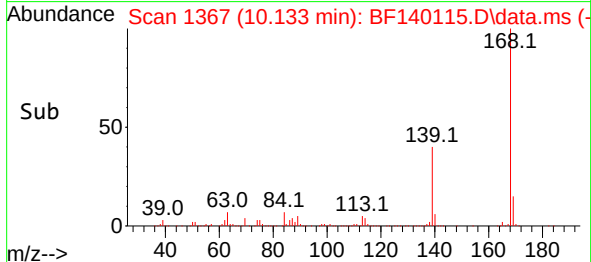
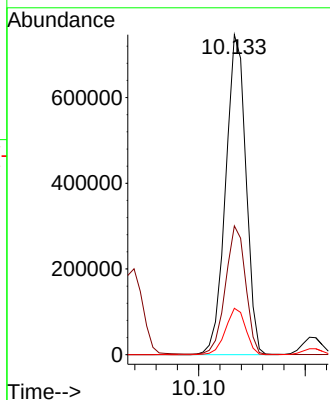
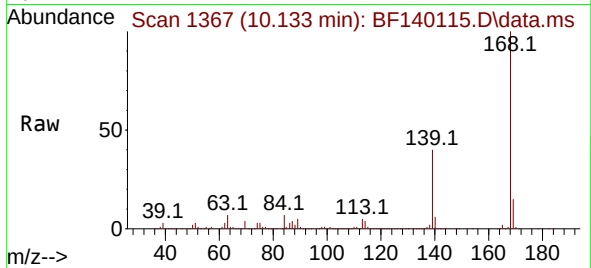




#55
Dibenzenofuran
Concen: 44.268 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

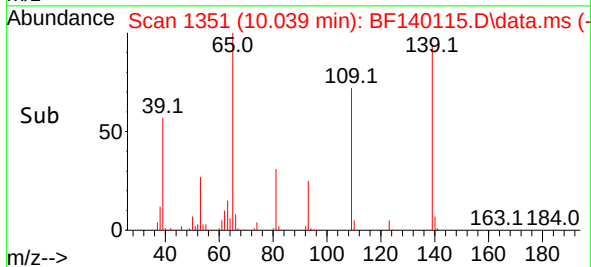
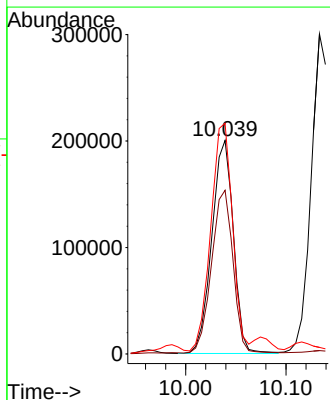
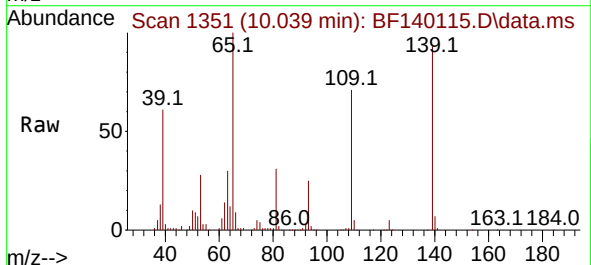
Instrument :
BNA_F
ClientSampleId :
PB164497BS

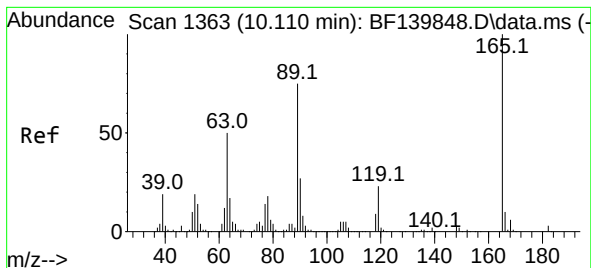
Tgt Ion:168 Resp: 988065
Ion Ratio Lower Upper
168 100
139 40.2 31.8 47.6
169 14.5 11.6 17.4



#56
4-Nitrophenol
Concen: 94.421 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:139 Resp: 299741
Ion Ratio Lower Upper
139 100
109 76.7 53.6 93.6
65 108.0 87.8 127.8

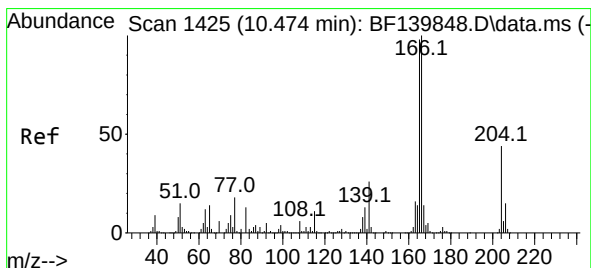
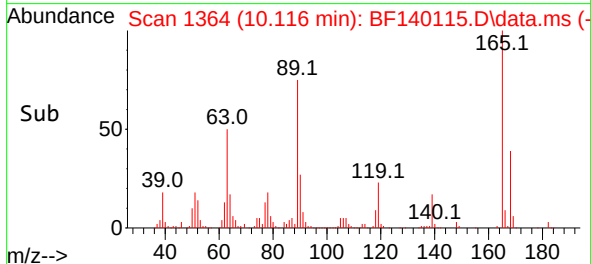
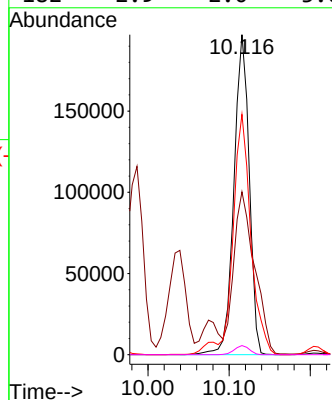
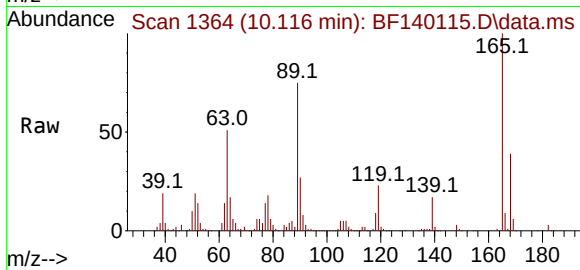




#57
2,4-Dinitrotoluene
Concen: 52.217 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

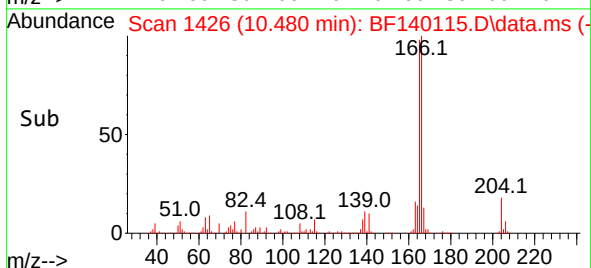
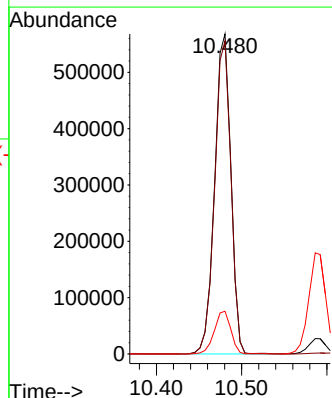
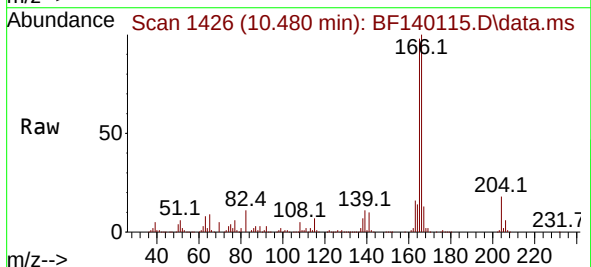
Instrument :
BNA_F
ClientSampleId :
PB164497BS

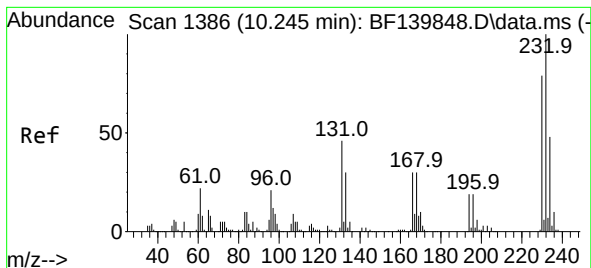
Tgt Ion:165 Resp: 256926
Ion Ratio Lower Upper
165 100
63 50.9 40.1 60.1
89 75.1 60.4 90.6
182 2.9 2.0 3.0



#58
Fluorene
Concen: 44.193 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:166 Resp: 751304
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.3 10.9 16.3

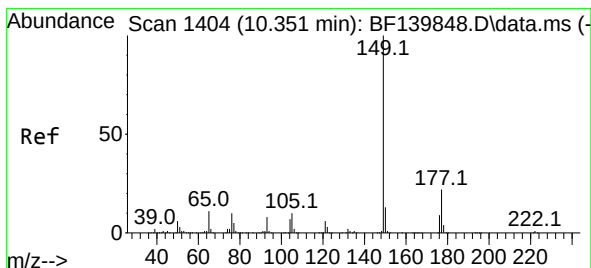
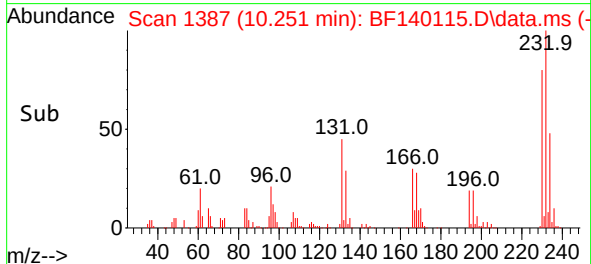
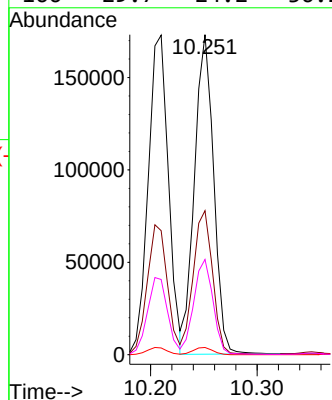
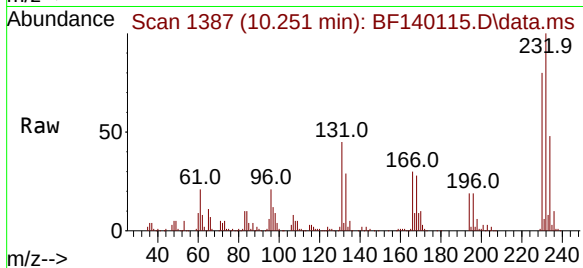




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.315 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

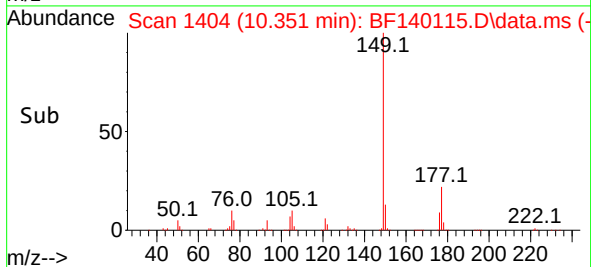
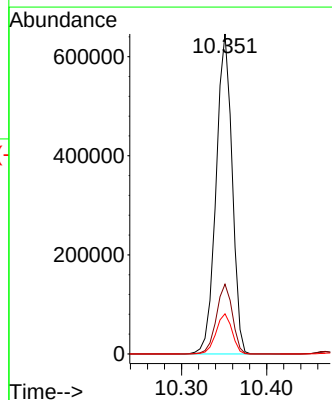
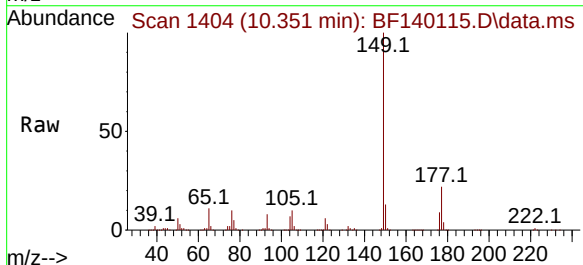
Instrument :
BNA_F
ClientSampleId :
PB164497BS

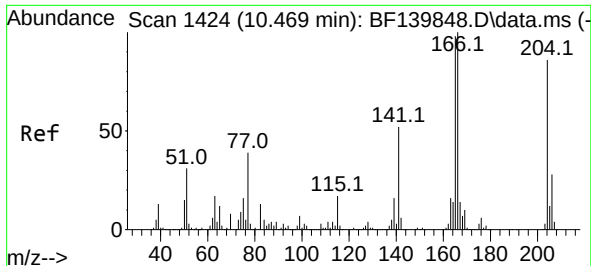
Tgt Ion:232 Resp: 216857
Ion Ratio Lower Upper
232 100
131 46.0 37.0 55.6
130 2.3 1.9 2.9
166 29.7 24.2 36.2



#60
Diethylphthalate
Concen: 46.500 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:149 Resp: 843710
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.6 10.1 15.1

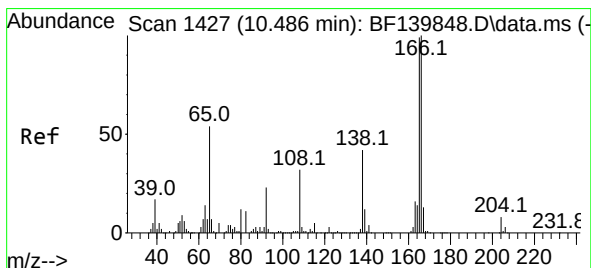
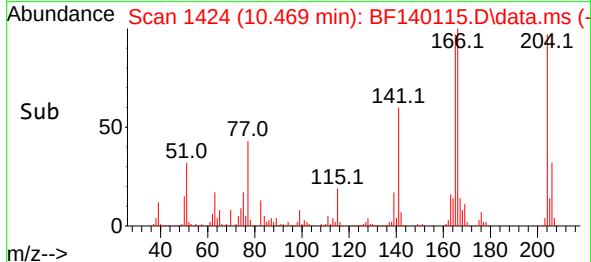
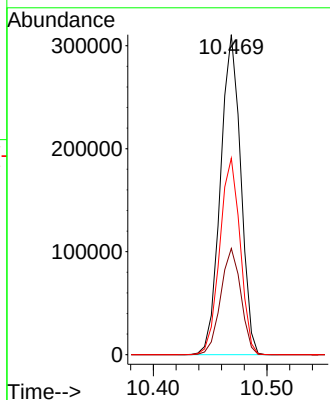
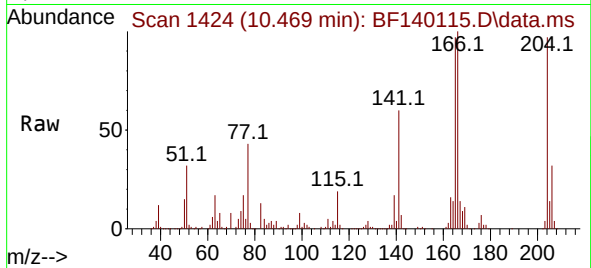




#61
4-Chlorophenyl-phenylether
Concen: 44.882 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

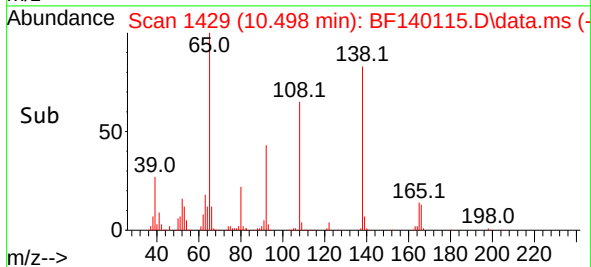
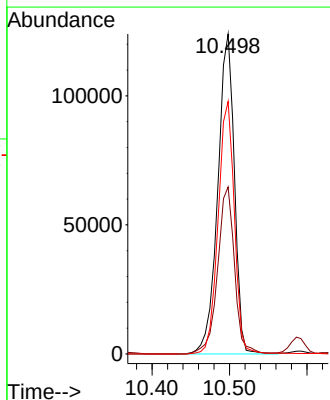
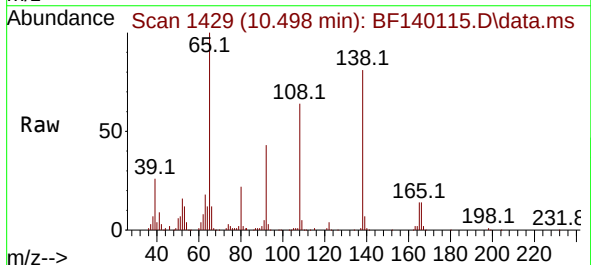
Instrument :
BNA_F
ClientSampleId :
PB164497BS

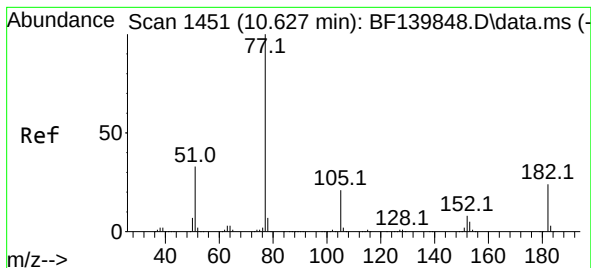
Tgt Ion:204 Resp: 385321
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 61.4 48.6 73.0



#62
4-Nitroaniline
Concen: 47.552 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:138 Resp: 185310
Ion Ratio Lower Upper
138 100
92 52.2 35.7 75.7
108 78.9 57.5 97.5





#63

Azobenzene

Concen: 44.137 ng

RT: 10.627 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

Tgt Ion: 77 Resp: 849003

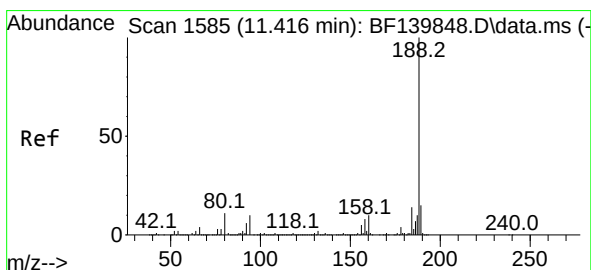
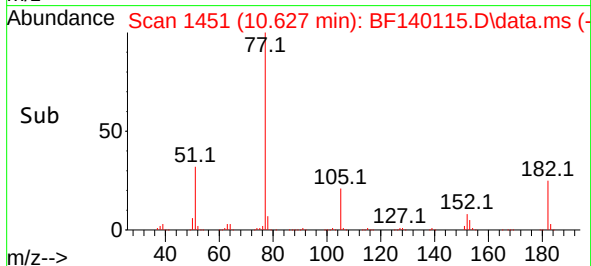
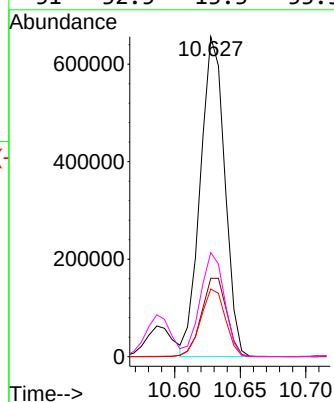
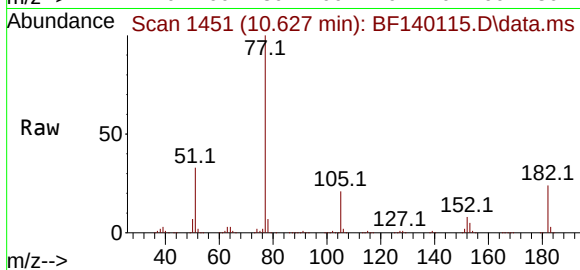
Ion Ratio Lower Upper

77 100

182 24.5 3.3 43.3

105 21.2 1.2 41.2

51 32.5 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

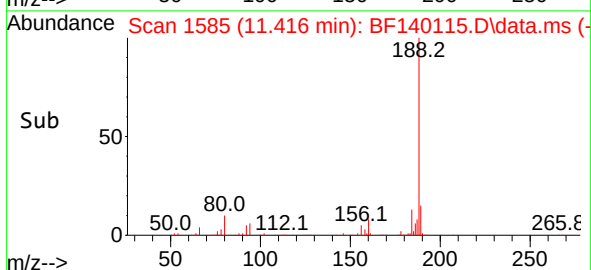
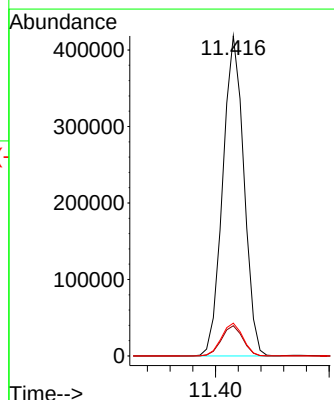
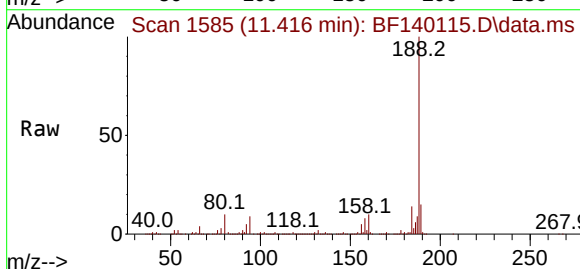
Tgt Ion:188 Resp: 541600

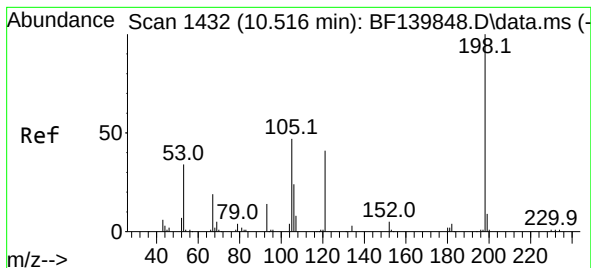
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.2 9.0 13.4

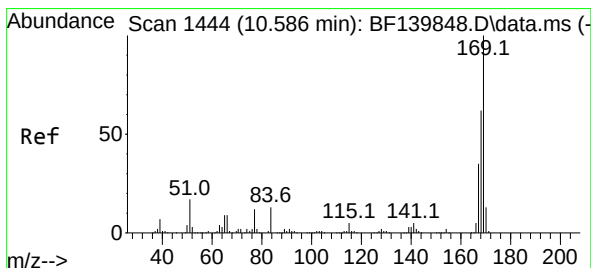
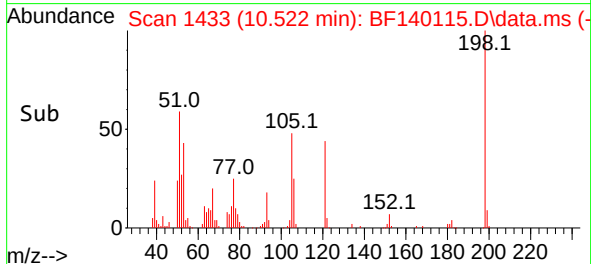
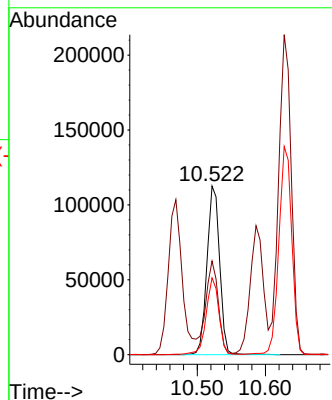
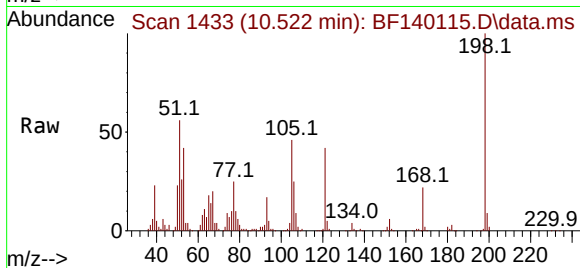




#65
4,6-Dinitro-2-methylphenol
Concen: 65.820 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

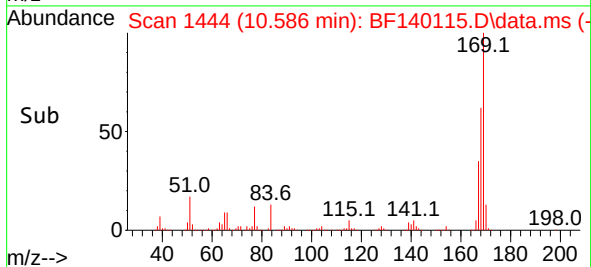
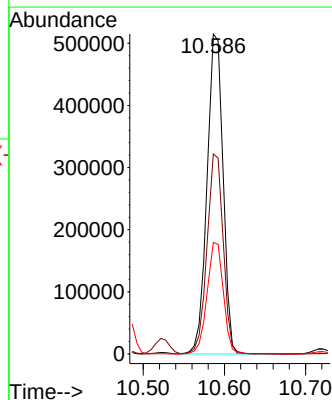
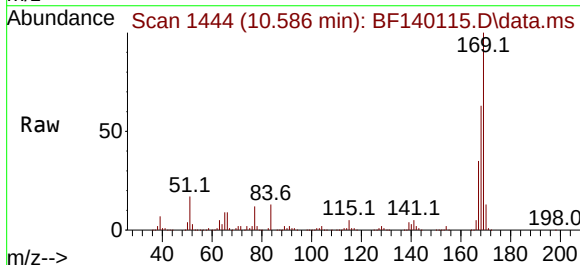
Instrument :
BNA_F
ClientSampleId :
PB164497BS

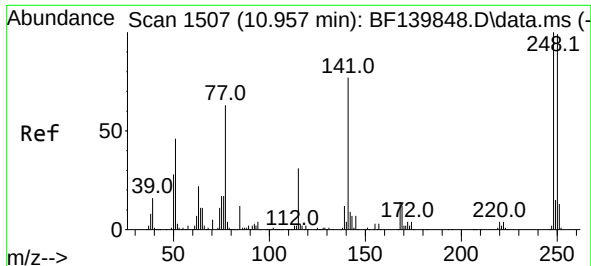
Tgt Ion:198 Resp: 145407
Ion Ratio Lower Upper
198 100
51 55.5 38.2 78.2
105 45.6 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 43.385 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:169 Resp: 703269
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 34.8 28.0 42.0

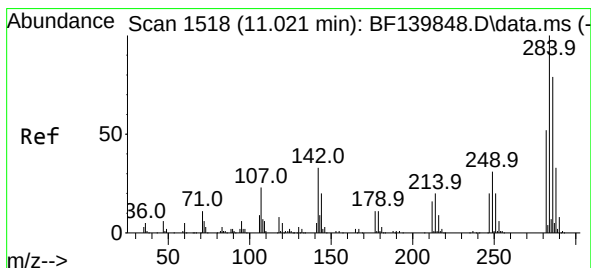
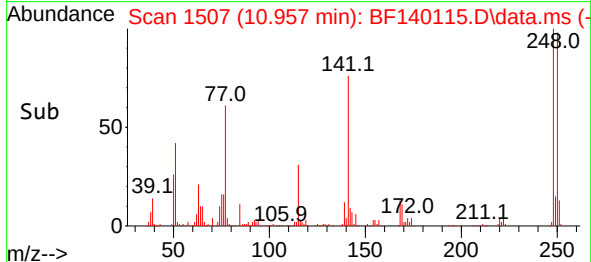
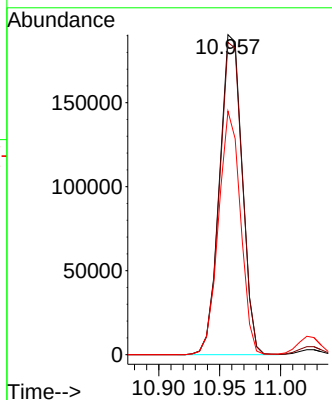
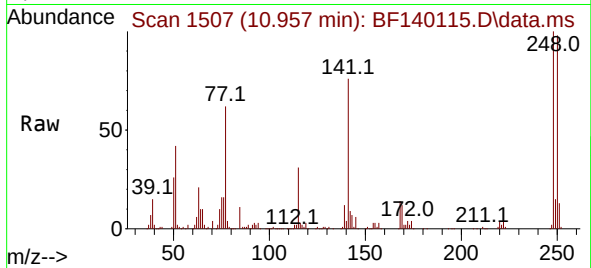




#67
4-Bromophenyl-phenylether
Concen: 44.483 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

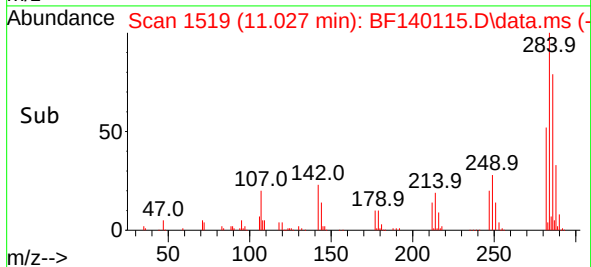
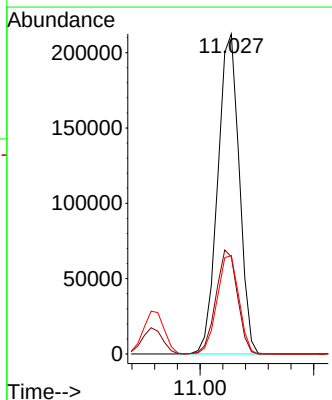
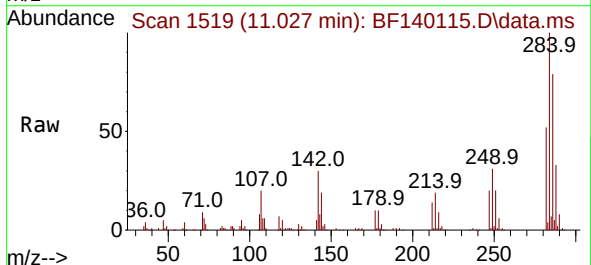
Instrument :
BNA_F
ClientSampleId :
PB164497BS

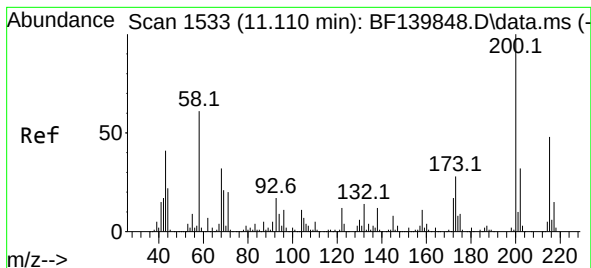
Tgt Ion:248 Resp: 248194
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.6
141 76.1 61.7 92.5



#68
Hexachlorobenzene
Concen: 44.446 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:284 Resp: 278904
Ion Ratio Lower Upper
284 100
142 30.4 26.9 40.3
249 30.8 25.3 37.9





#69

Atrazine

Concen: 54.439 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

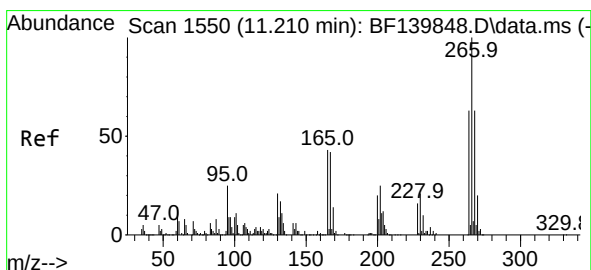
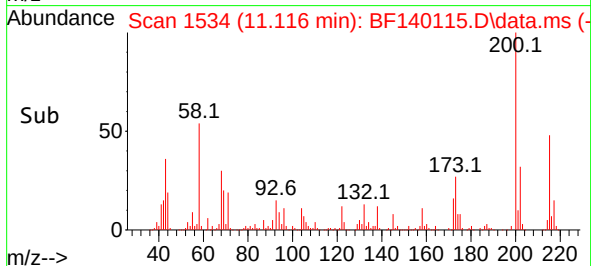
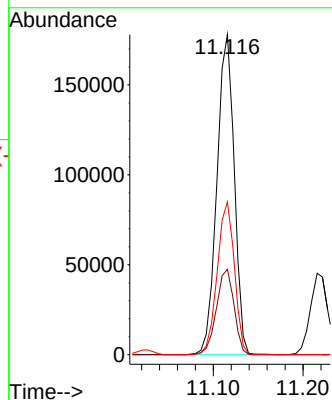
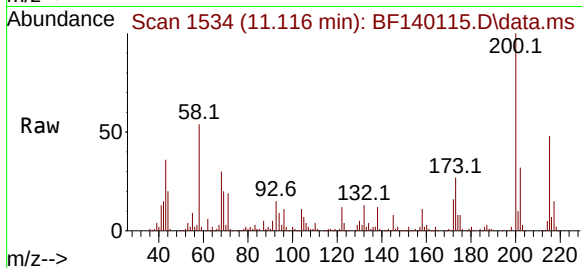
Tgt Ion:200 Resp: 239045

Ion Ratio Lower Upper

200 100

173 26.7 7.7 47.7

215 47.7 27.7 67.7



#70

Pentachlorophenol

Concen: 86.873 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.012 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

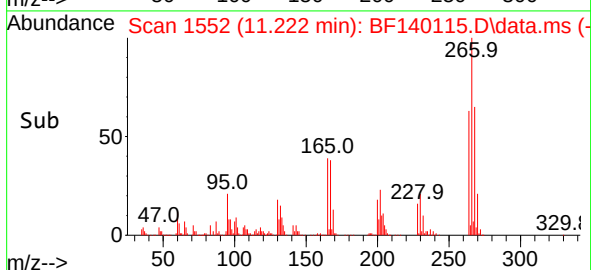
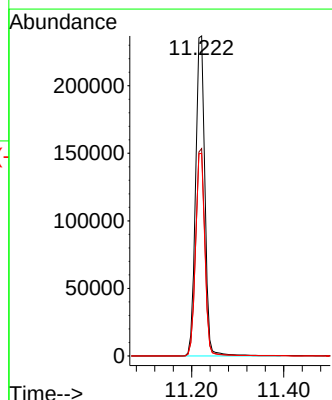
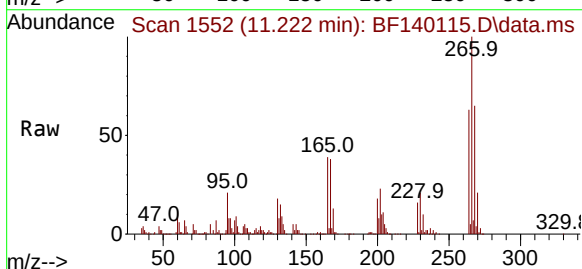
Tgt Ion:266 Resp: 330845

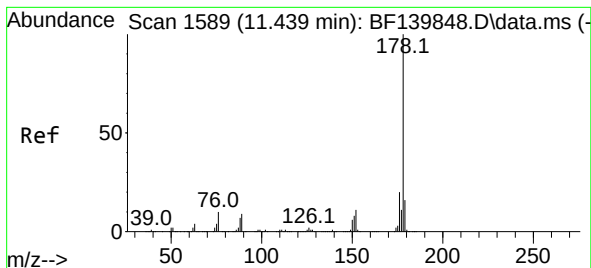
Ion Ratio Lower Upper

266 100

268 64.8 50.4 75.6

264 63.3 50.6 75.8





#71

Phenanthrene

Concen: 43.272 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

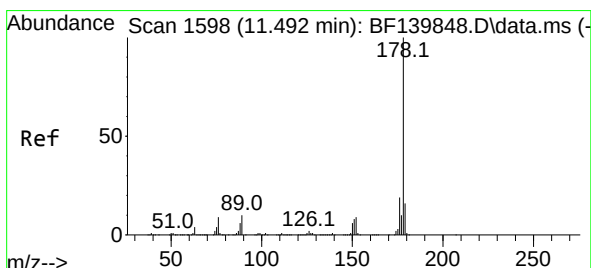
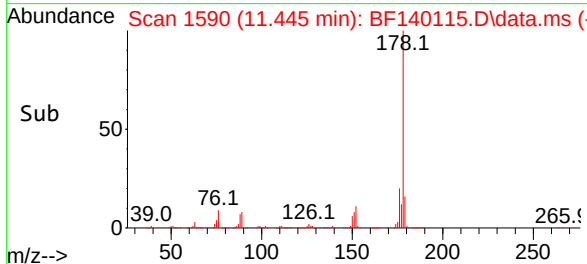
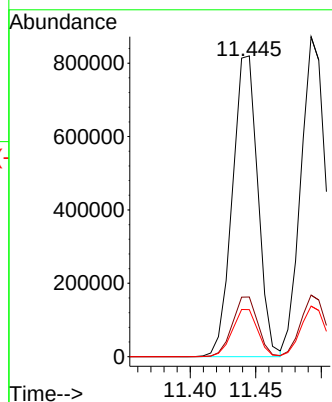
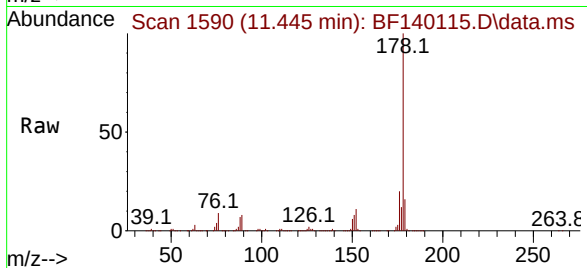
Tgt Ion:178 Resp: 1107026

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 45.559 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

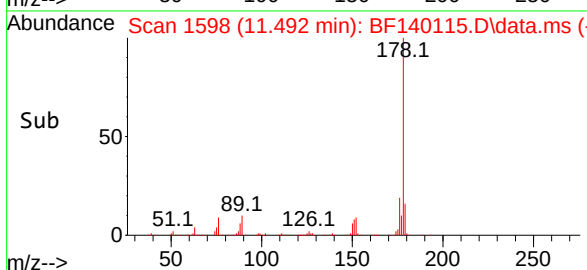
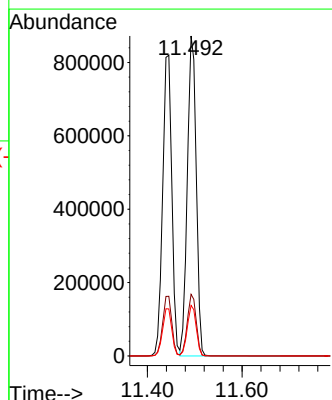
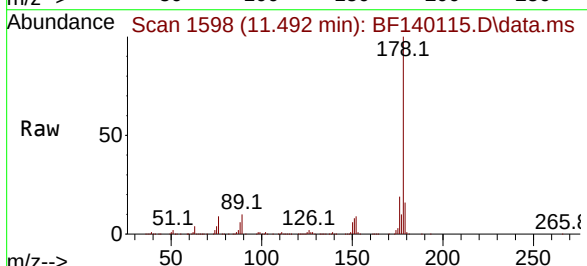
Tgt Ion:178 Resp: 1137199

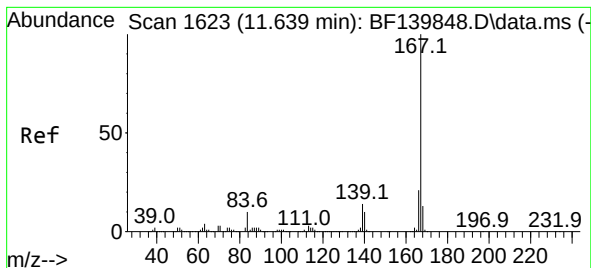
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.8 12.4 18.6





#73

Carbazole

Concen: 41.802 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

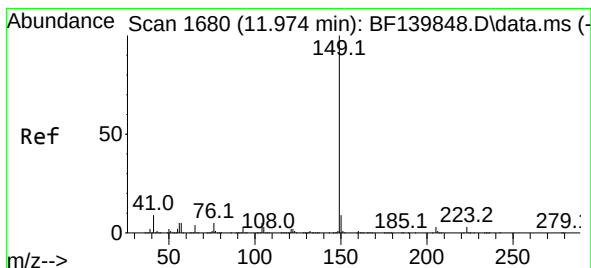
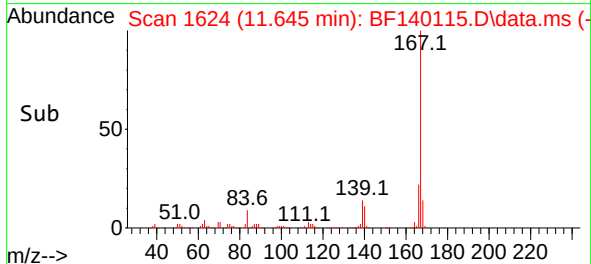
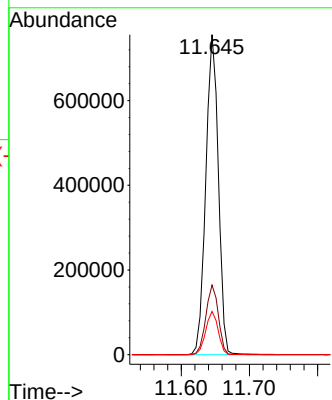
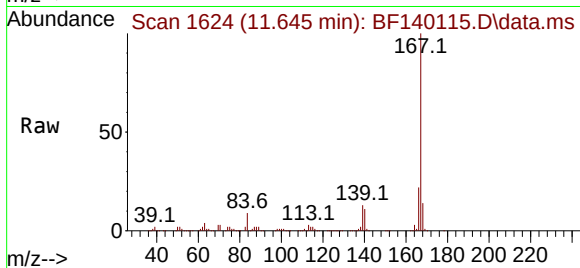
Tgt Ion:167 Resp: 970394

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 47.354 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

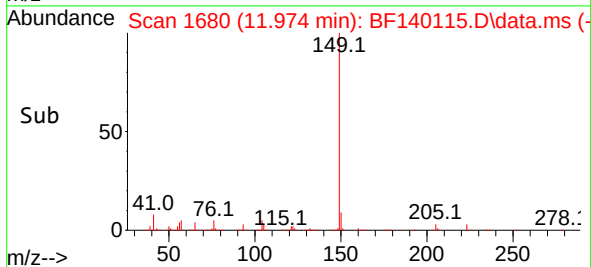
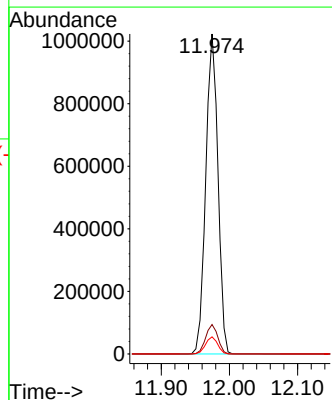
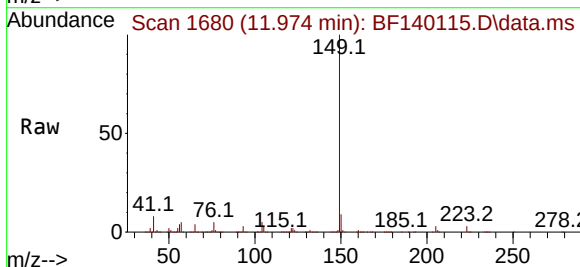
Tgt Ion:149 Resp: 1270038

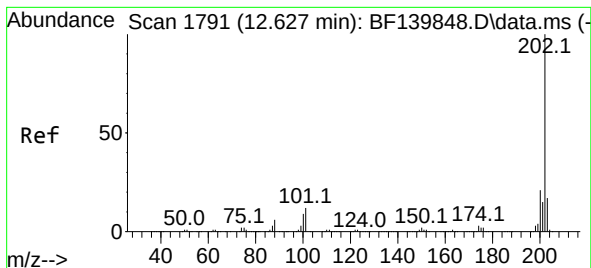
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.3 4.1 6.1

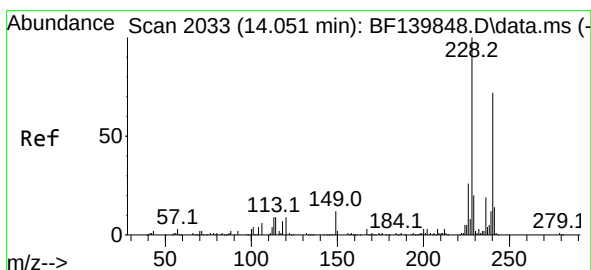
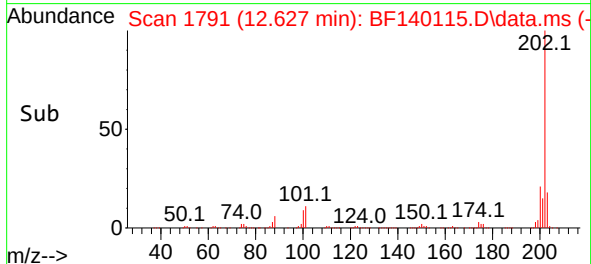
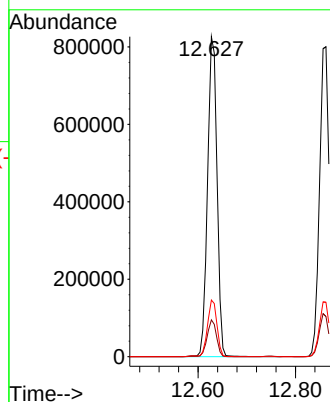
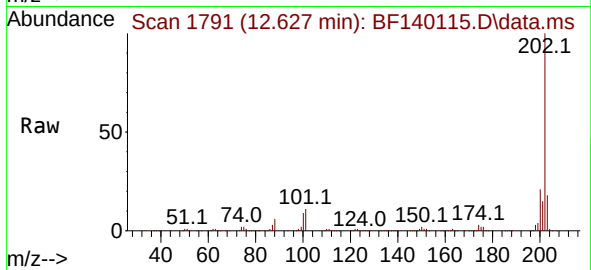




#75
Fluoranthene
Concen: 42.954 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

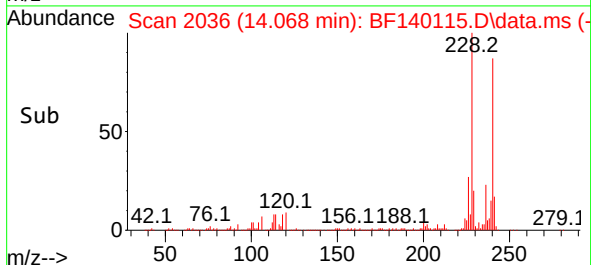
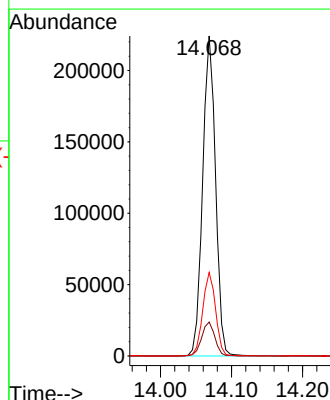
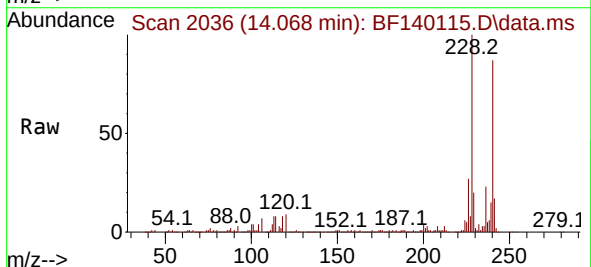
Instrument :
BNA_F
ClientSampleId :
PB164497BS

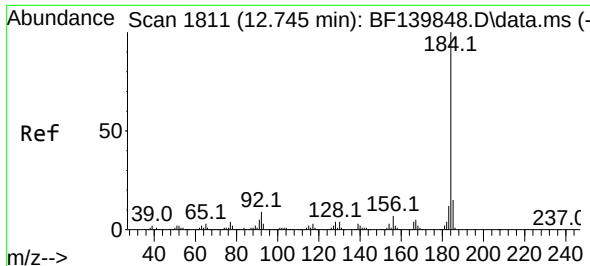
Tgt Ion:202 Resp: 1110887
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:240 Resp: 283467
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 26.1 20.9 31.3

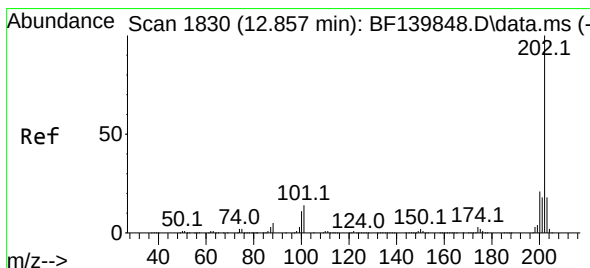
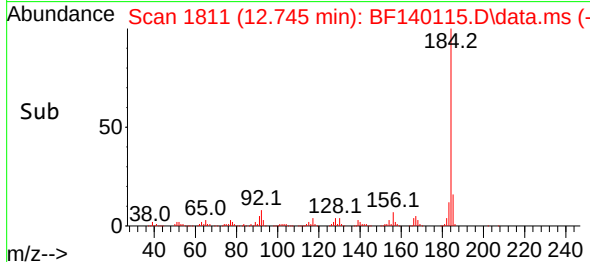
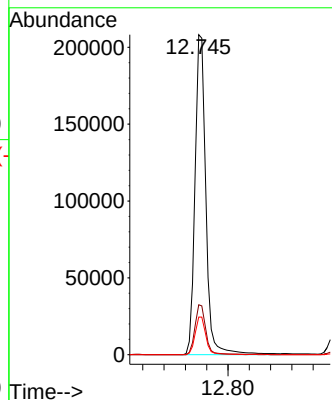
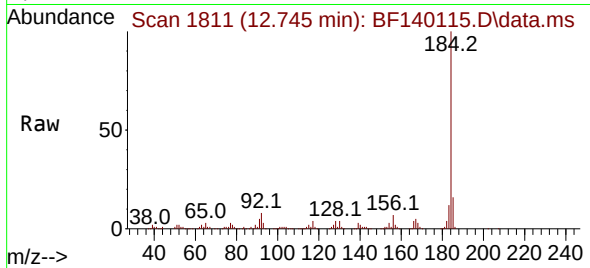




#77
Benzidine
Concen: 63.400 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

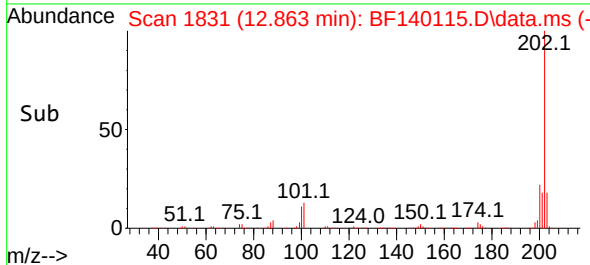
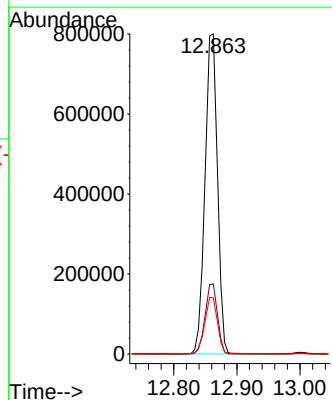
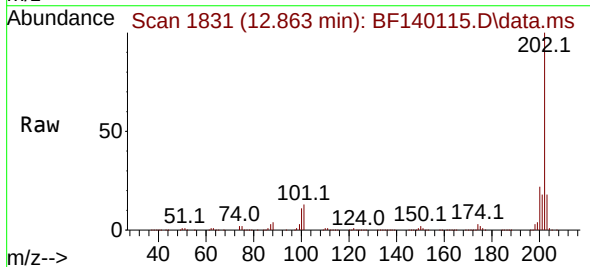
Instrument :
BNA_F
ClientSampleId :
PB164497BS

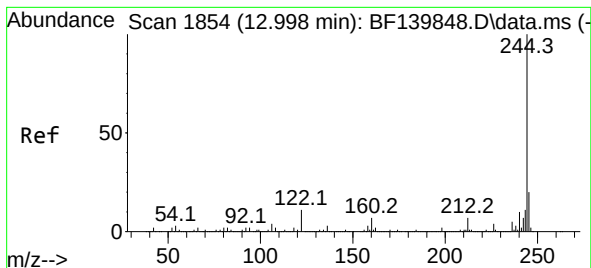
Tgt Ion:184 Resp: 295516
Ion Ratio Lower Upper
184 100
185 15.6 12.0 18.0
183 11.7 9.4 14.2



#78
Pyrene
Concen: 44.286 ng
RT: 12.863 min Scan# 1831
Delta R.T. 0.006 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:202 Resp: 1098847
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 93.216 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

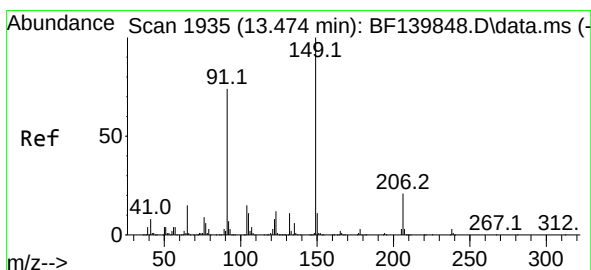
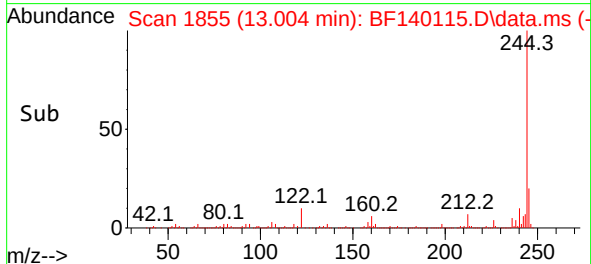
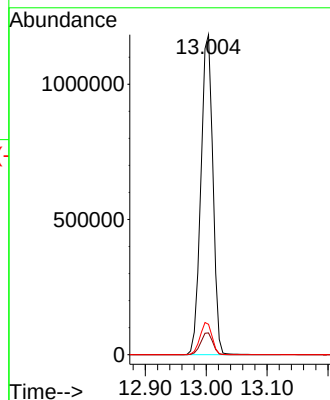
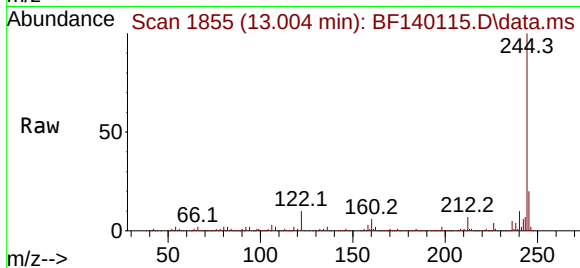
Tgt Ion:244 Resp: 1621604

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.5 8.6 13.0



#80

Butylbenzylphthalate

Concen: 55.646 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

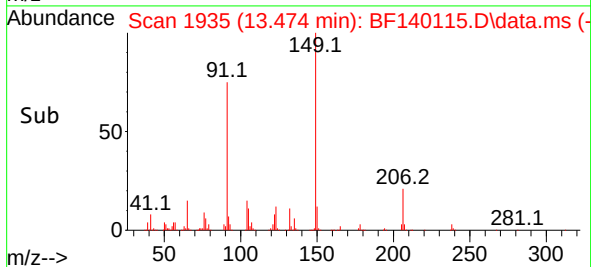
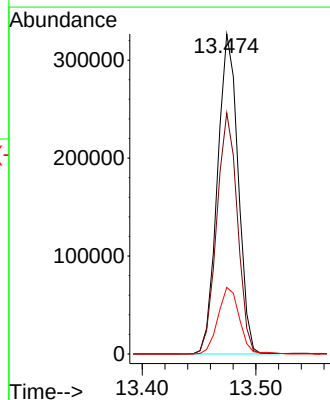
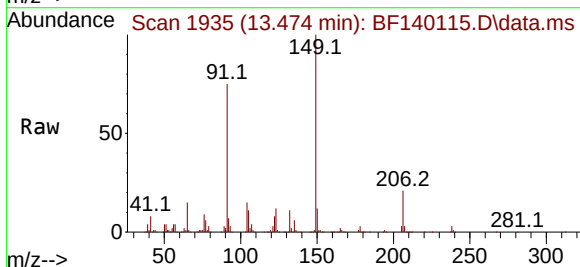
Tgt Ion:149 Resp: 413946

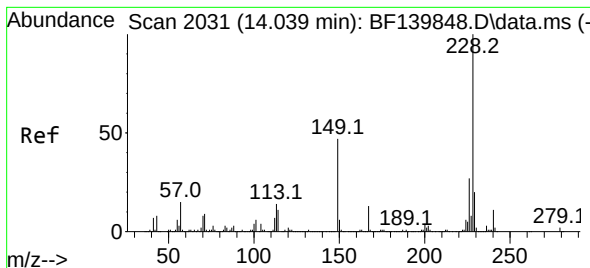
Ion Ratio Lower Upper

149 100

91 75.4 59.4 89.2

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 45.519 ng

RT: 14.057 min Scan# 2031

Delta R.T. 0.018 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

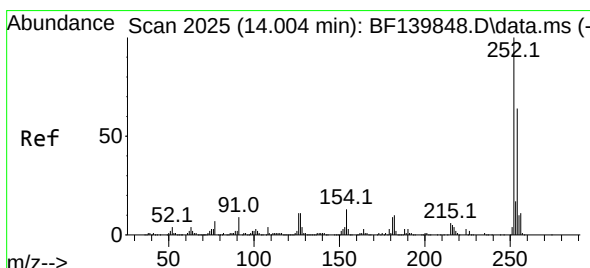
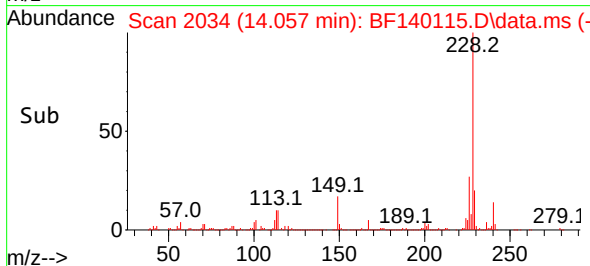
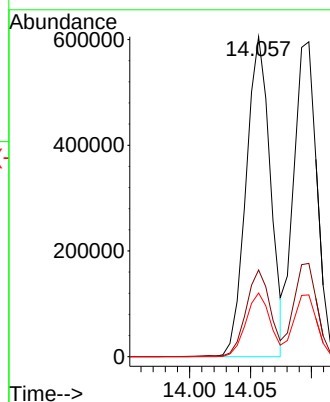
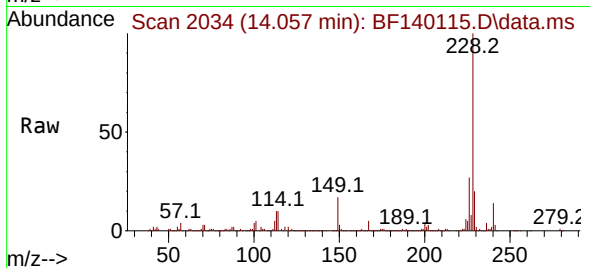
Tgt Ion:228 Resp: 839948

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 30.907 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.012 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

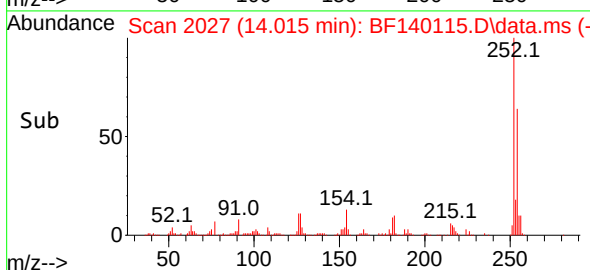
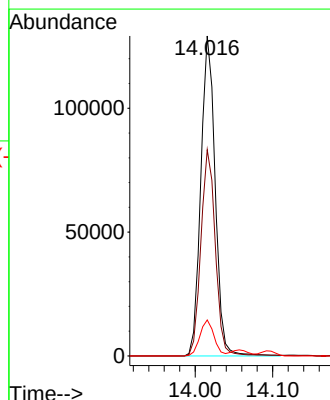
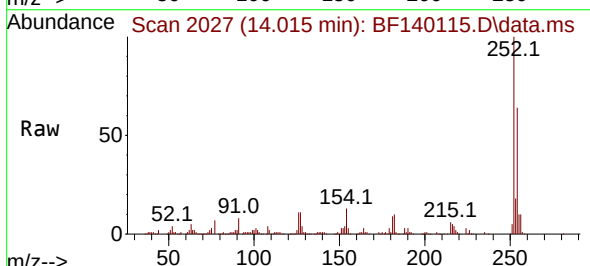
Tgt Ion:252 Resp: 166286

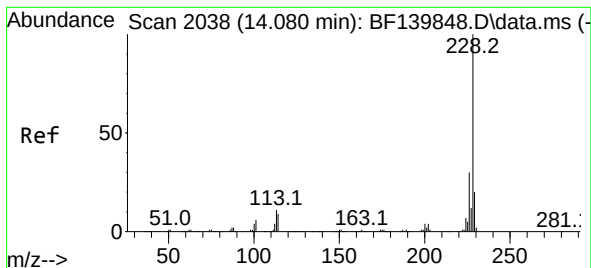
Ion Ratio Lower Upper

252 100

254 64.5 50.8 76.2

126 11.2 8.9 13.3





#83

Chrysene

Concen: 47.028 ng

RT: 14.098 min Scan# 2041

Delta R.T. 0.018 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

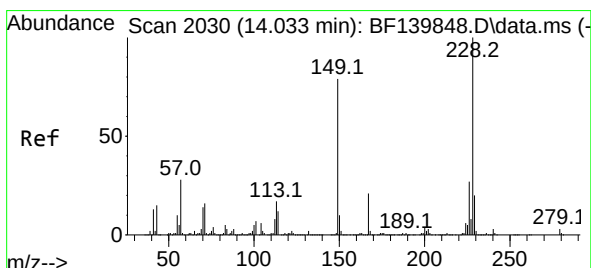
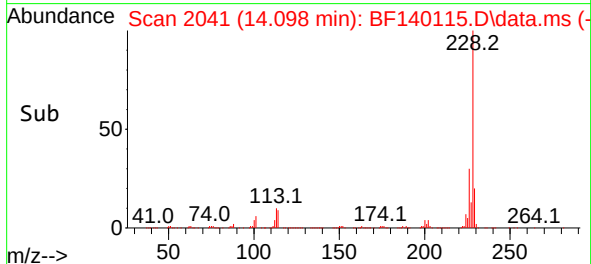
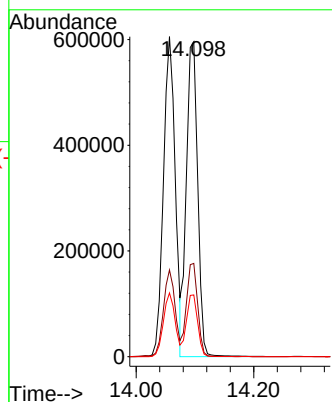
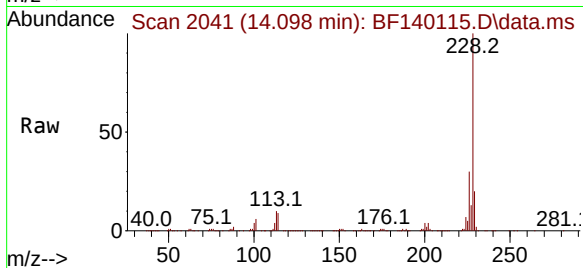
Tgt Ion:228 Resp: 795671

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.204 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.012 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

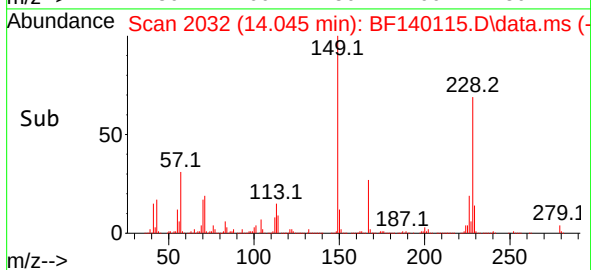
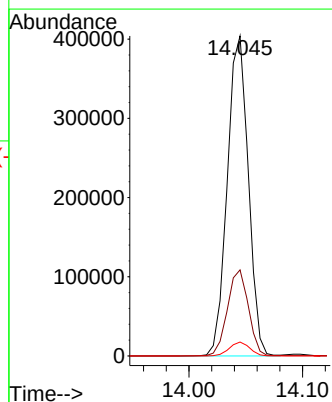
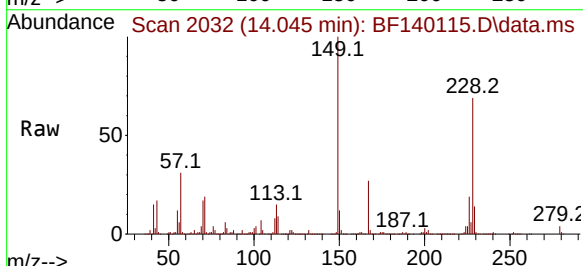
Tgt Ion:149 Resp: 519162

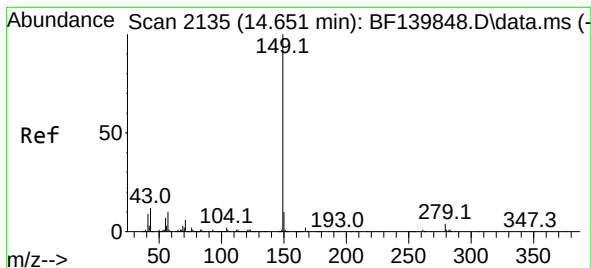
Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 54.001 ng

RT: 14.686 min Scan# 2141

Delta R.T. 0.035 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

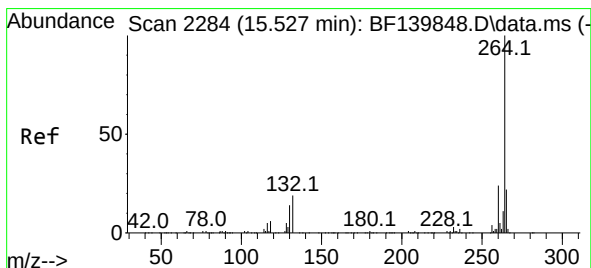
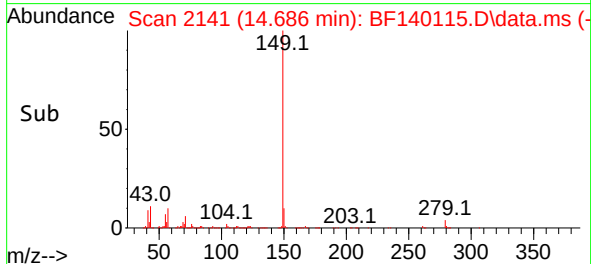
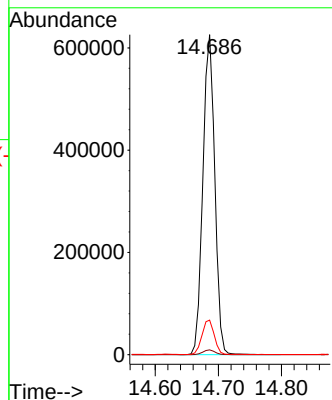
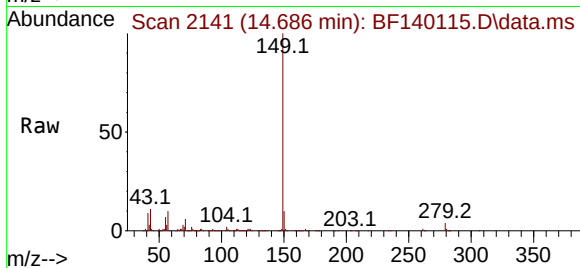
Tgt Ion:149 Resp: 819762

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.047 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

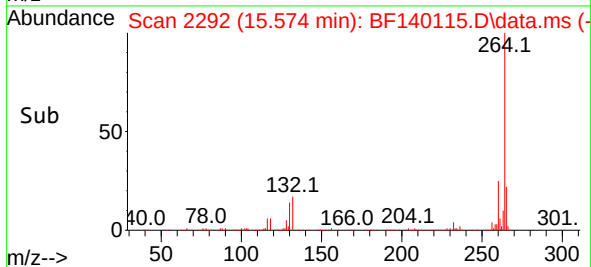
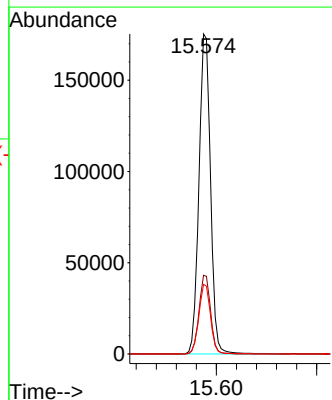
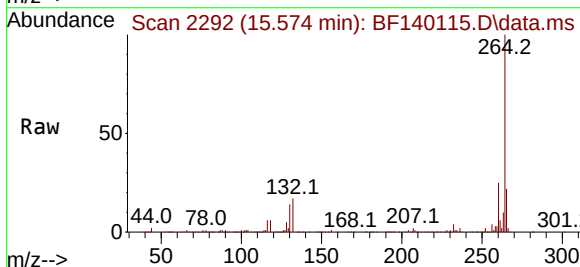
Tgt Ion:264 Resp: 279985

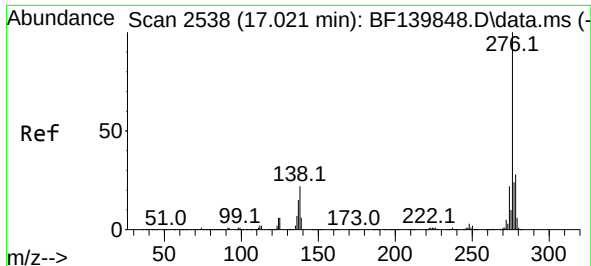
Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

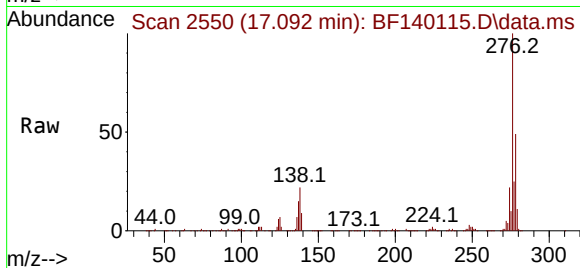
265 21.8 17.4 26.0



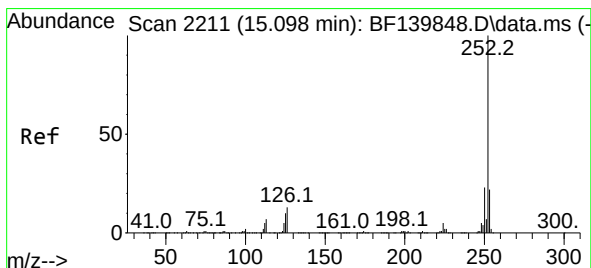
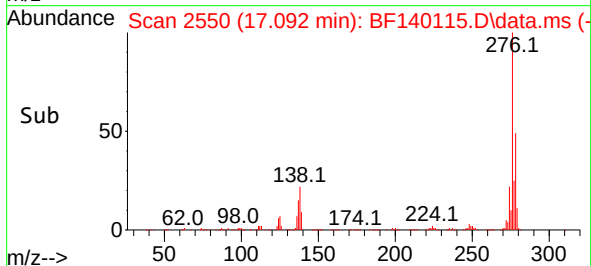
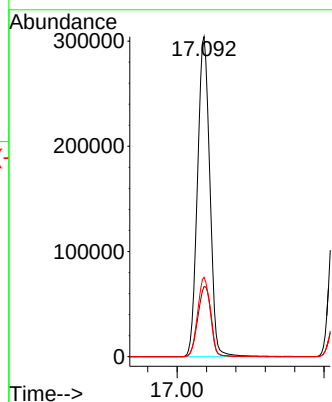


#87
Indeno(1,2,3-cd)pyrene
Concen: 49.108 ng
RT: 17.092 min Scan# 2118
Delta R.T. 0.071 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB164497BS

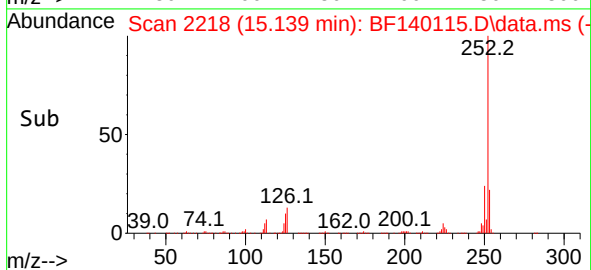
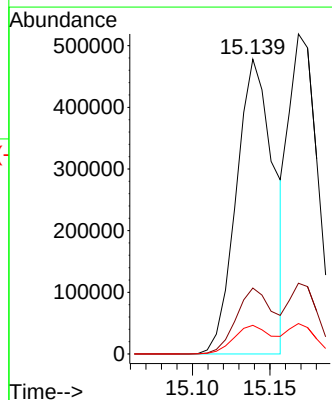
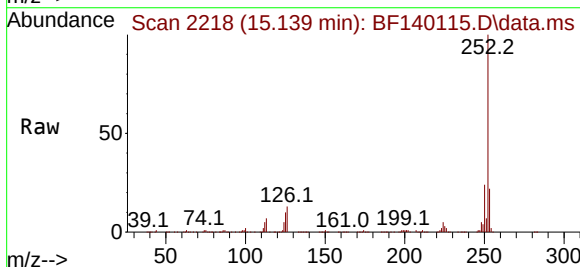


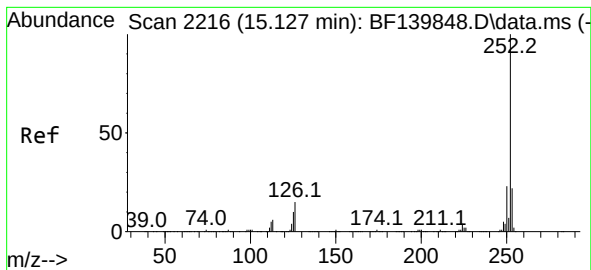
Tgt Ion:276 Resp: 884533
Ion Ratio Lower Upper
276 100
138 23.7 20.4 30.6
277 25.3 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 47.001 ng
RT: 15.139 min Scan# 2218
Delta R.T. 0.041 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:252 Resp: 801628
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.103 ng

RT: 15.168 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

Instrument :

BNA_F

ClientSampleId :

PB164497BS

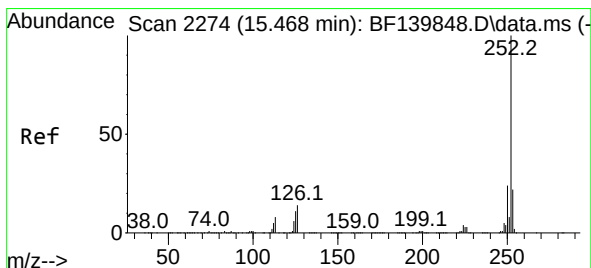
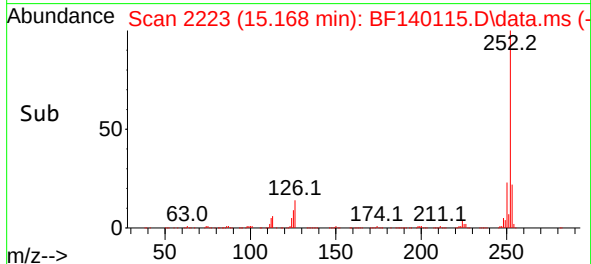
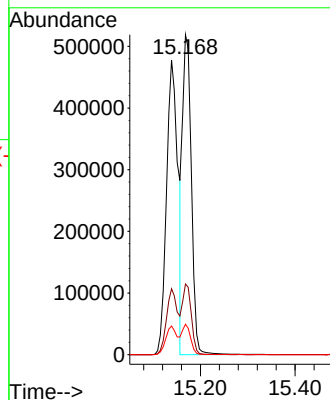
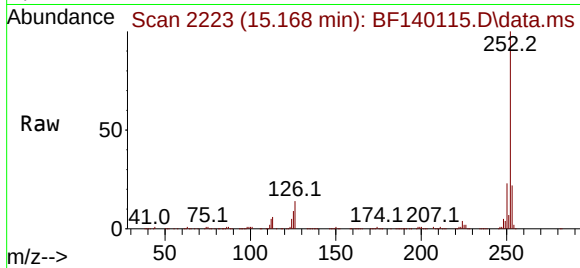
Tgt Ion:252 Resp: 678134

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.5 7.9 11.9



#90

Benzo(a)pyrene

Concen: 50.437 ng

RT: 15.515 min Scan# 2282

Delta R.T. 0.047 min

Lab File: BF140115.D

Acq: 29 Oct 2024 16:52

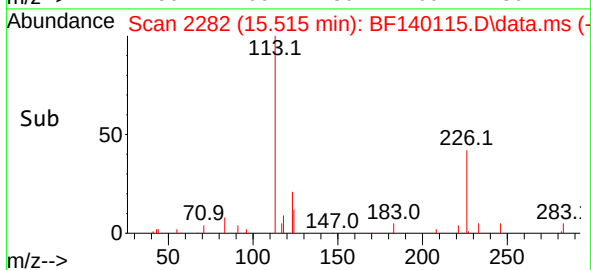
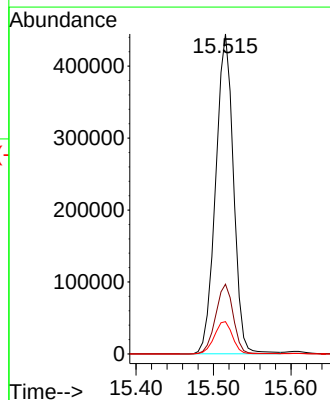
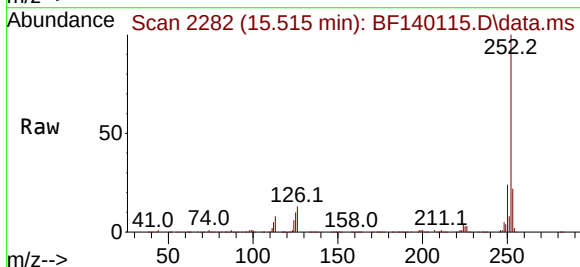
Tgt Ion:252 Resp: 707825

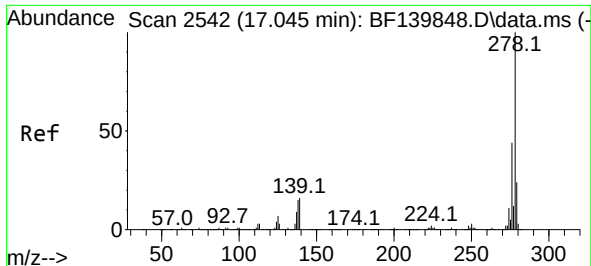
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.1 8.7 13.1

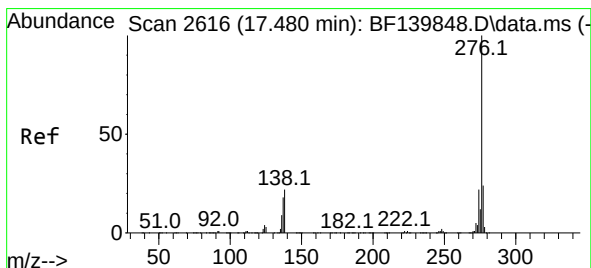
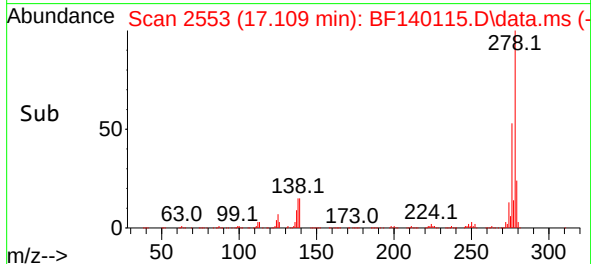
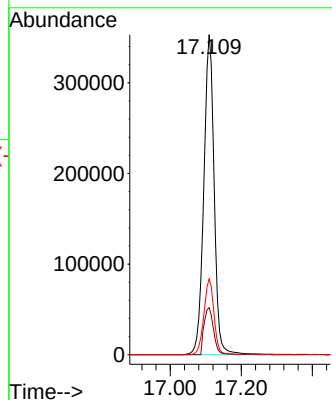
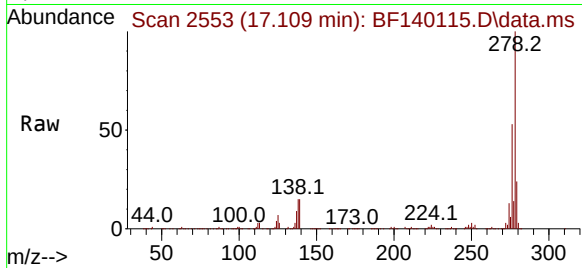




#91
Dibenzo(a,h)anthracene
Concen: 47.839 ng
RT: 17.109 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Instrument :
BNA_F
ClientSampleId :
PB164497BS

Tgt Ion:278 Resp: 718829
Ion Ratio Lower Upper
278 100
139 14.7 13.1 19.7
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 44.590 ng
RT: 17.545 min Scan# 2627
Delta R.T. 0.065 min
Lab File: BF140115.D
Acq: 29 Oct 2024 16:52

Tgt Ion:276 Resp: 669263
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 21.5 17.4 26.0

