

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139992.D
 Acq On : 24 Oct 2024 10:52
 Operator : RC/JU
 Sample : PB164312BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164312BS

Quant Time: Oct 24 11:20:25 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	6.892	152	158670	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	605986	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	338004	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	591954	20.000	ng	0.00
76) Chrysene-d12	14.057	240	292113	20.000	ng	0.00
86) Perylene-d12	15.533	264	314861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1308935	129.144	ng	0.02
7) Phenol-d6	6.516	99	1648944	125.614	ng	0.00
23) Nitrobenzene-d5	7.451	82	1086965	99.414	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	494913	156.540	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1920305	93.895	ng	0.00
79) Terphenyl-d14	12.998	244	1881226	104.940	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	180701	38.238	ng	93
3) Pyridine	3.528	79	476327	40.665	ng	96
4) n-Nitrosodimethylamine	3.481	42	264705	42.061	ng	94
6) Aniline	6.551	93	590576	48.273	ng	99
8) 2-Chlorophenol	6.675	128	500078	48.263	ng	97
9) Benzaldehyde	6.439	77	110010	14.897	ng	98
10) Phenol	6.534	94	625541	46.222	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	480190	45.906	ng	99
12) 1,3-Dichlorobenzene	6.834	146	537956	45.228	ng	99
13) 1,4-Dichlorobenzene	6.910	146	540145	45.455	ng	99
14) 1,2-Dichlorobenzene	7.063	146	523441	47.197	ng	98
15) Benzyl Alcohol	7.028	79	454342	47.184	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	786365	44.088	ng	97
17) 2-Methylphenol	7.139	107	405261	45.868	ng	100
18) Hexachloroethane	7.404	117	194546	45.910	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	361075	45.352	ng	96
20) 3+4-Methylphenols	7.292	107	492067	43.542	ng	# 81
22) Acetophenone	7.298	105	677280	45.631	ng	99
24) Nitrobenzene	7.475	77	542543	45.258	ng	98
25) Isophorone	7.710	82	983786	47.406	ng	100
26) 2-Nitrophenol	7.786	139	262619	58.071	ng	95
27) 2,4-Dimethylphenol	7.822	122	412612	54.717	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	586376	46.637	ng	99
29) 2,4-Dichlorophenol	8.028	162	408904	47.607	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	439184	46.210	ng	99
31) Naphthalene	8.192	128	1446510	46.284	ng	100
32) Benzoic acid	7.939	122	317111	48.215	ng	95
33) 4-Chloroaniline	8.239	127	379752	35.634	ng	98
34) Hexachlorobutadiene	8.310	225	283363	47.452	ng	99
35) Caprolactam	8.610	113	80090	29.325	ng	93
36) 4-Chloro-3-methylphenol	8.716	107	442021	46.476	ng	98
37) 2-Methylnaphthalene	8.886	142	907765	47.426	ng	99
38) 1-Methylnaphthalene	8.986	142	843621	44.923	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	429093	47.056	ng	99
41) Hexachlorocyclopentadiene	9.039	237	572352	180.387	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	319801	49.535	ng	99

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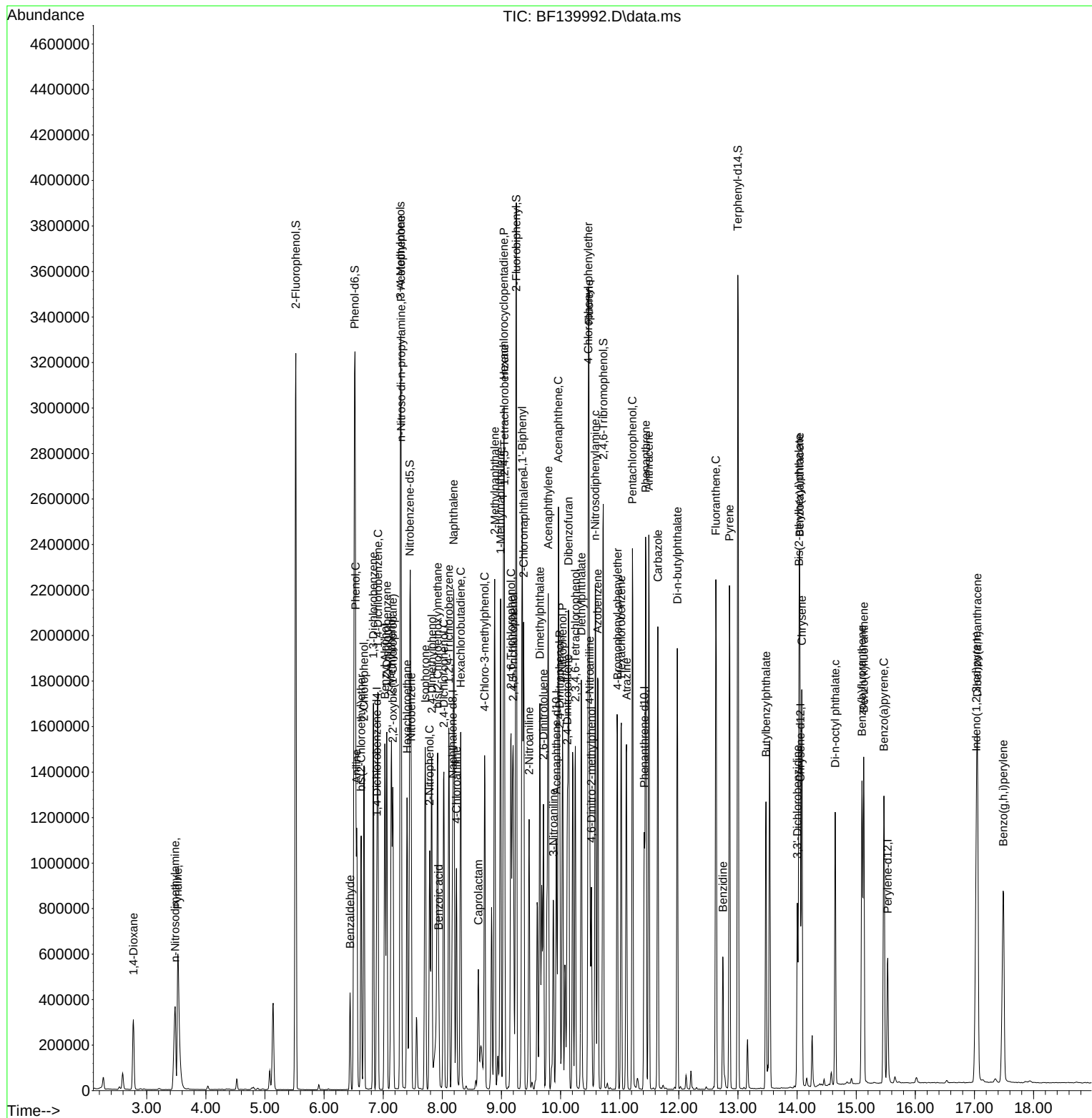
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	315968	47.437	ng	99
46) 1,1'-Biphenyl	9.351	154	1081469	45.961	ng	100
47) 2-Chloronaphthalene	9.375	162	865022	45.644	ng	99
48) 2-Nitroaniline	9.469	65	293375	50.615	ng	92
49) Acenaphthylene	9.792	152	1341986	48.981	ng	100
50) Dimethylphthalate	9.651	163	1002087	47.597	ng	100
51) 2,6-Dinitrotoluene	9.710	165	219806	48.219	ng	98
52) Acenaphthene	9.963	154	929324	52.434	ng	99
53) 3-Nitroaniline	9.880	138	180179	38.328	ng	95
54) 2,4-Dinitrophenol	9.986	184	253310	129.360	ng	# 1
55) Dibenzofuran	10.133	168	1173942	46.165	ng	99
56) 4-Nitrophenol	10.033	139	364335	100.737	ng	99
57) 2,4-Dinitrotoluene	10.116	165	299344	53.399	ng	95
58) Fluorene	10.480	166	887613	45.828	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	264175	50.592	ng	97
60) Diethylphthalate	10.351	149	948009	45.861	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	456284	46.650	ng	98
62) 4-Nitroaniline	10.492	138	218664	49.250	ng	97
63) Azobenzene	10.627	77	989662	45.159	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	166902	69.123	ng	91
66) n-Nitrosodiphenylamine	10.586	169	819107	46.233	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	296668	48.648	ng	94
68) Hexachlorobenzene	11.027	284	328315	47.870	ng	96
69) Atrazine	11.116	200	266196	55.466	ng	99
70) Pentachlorophenol	11.216	266	403359	96.904	ng	98
71) Phenanthrene	11.439	178	1310493	46.868	ng	100
72) Anthracene	11.492	178	1322483	48.475	ng	100
73) Carbazole	11.645	167	1132071	44.618	ng	99
74) Di-n-butylphthalate	11.974	149	1350031	46.055	ng	100
75) Fluoranthene	12.627	202	1261587	44.631	ng	99
77) Benzidine	12.745	184	334255	69.588	ng	99
78) Pyrene	12.857	202	1259310	49.250	ng	100
80) Butylbenzylphthalate	13.474	149	394925	51.518	ng	98
81) Benzo(a)anthracene	14.045	228	918683	48.312	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	245591	44.296	ng	99
83) Chrysene	14.080	228	844559	48.440	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	450798	52.414	ng	99
85) Di-n-octyl phthalate	14.645	149	771205	49.299	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	1098295	54.221	ng	98
88) Benzo(b)fluoranthene	15.098	252	921966	48.069	ng	99
89) Benzo(k)fluoranthene	15.127	252	724415	43.795	ng	99
90) Benzo(a)pyrene	15.468	252	803529	50.915	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	903618	53.475	ng	99
92) Benzo(g,h,i)perylene	17.486	276	855224	50.669	ng	99

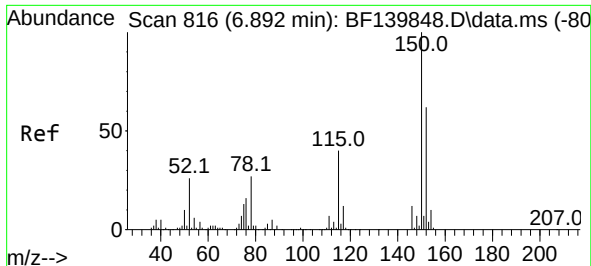
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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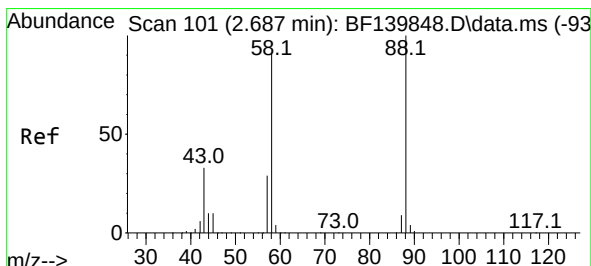
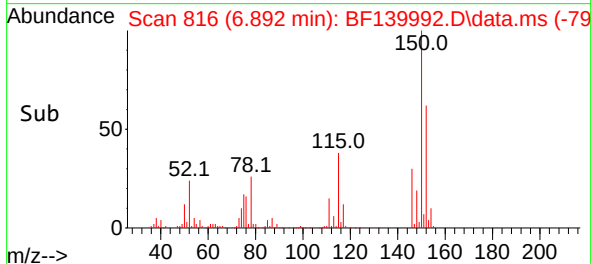
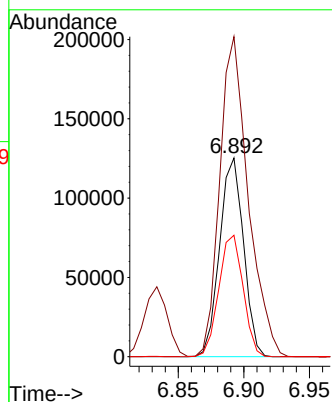
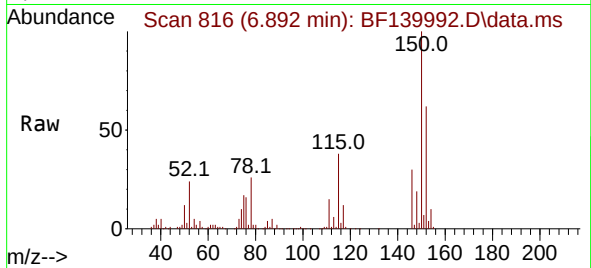




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

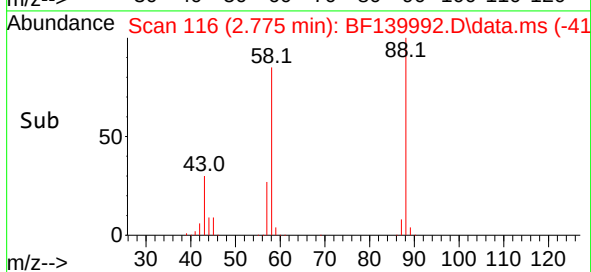
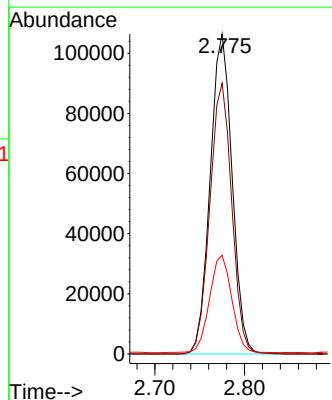
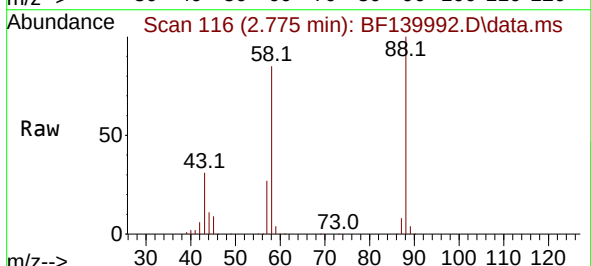
Instrument :
BNA_F
ClientSampleId :
PB164312BS

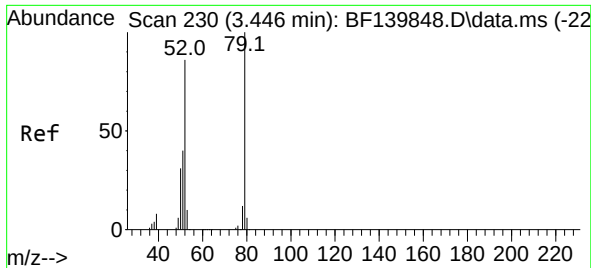
Tgt Ion:152 Resp: 158670
Ion Ratio Lower Upper
152 100
150 161.0 130.2 195.2
115 61.1 51.4 77.2



#2
1,4-Dioxane
Concen: 38.238 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.088 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion: 88 Resp: 180701
Ion Ratio Lower Upper
88 100
58 84.6 73.3 109.9
43 31.0 27.1 40.7





#3

Pyridine

Concen: 40.665 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.082 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

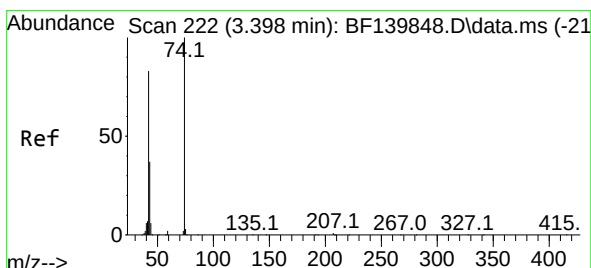
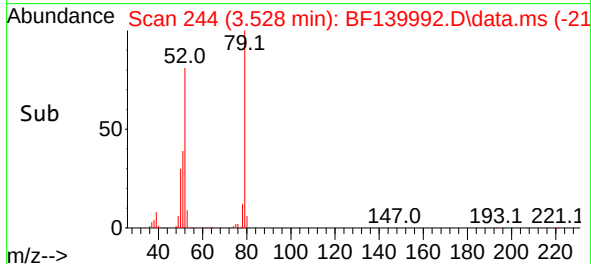
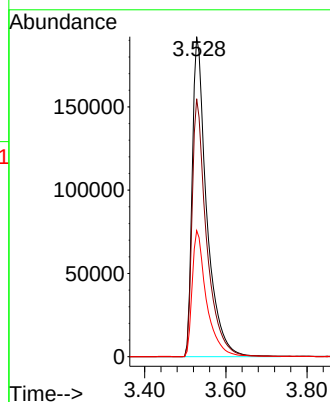
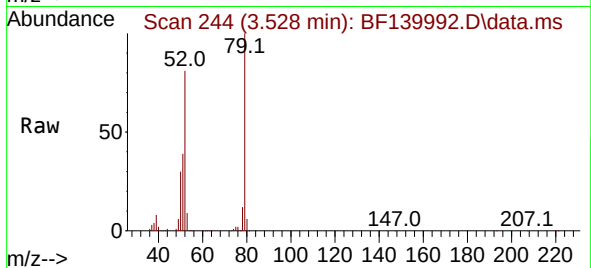
Tgt Ion: 79 Resp: 476327

Ion Ratio Lower Upper

79 100

52 80.6 68.5 102.7

51 39.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 42.061 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.082 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

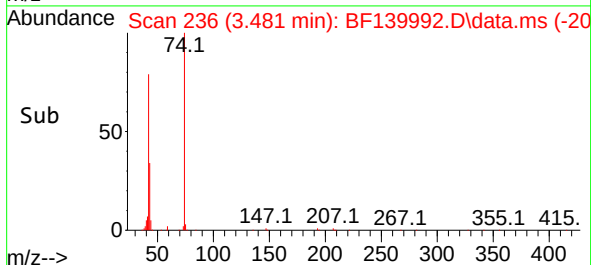
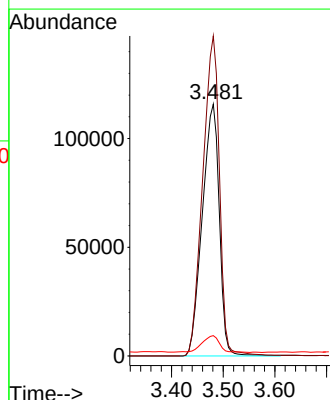
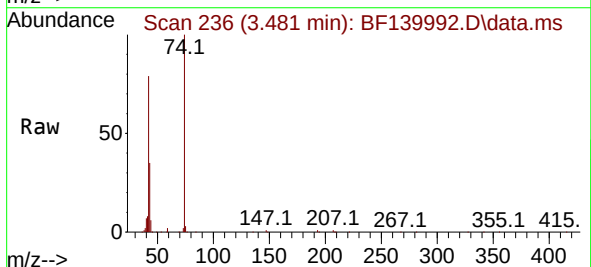
Tgt Ion: 42 Resp: 264705

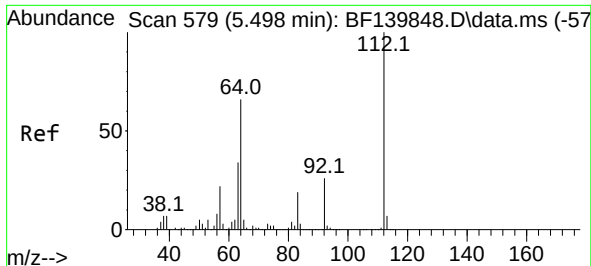
Ion Ratio Lower Upper

42 100

74 127.0 96.2 144.4

44 8.1 6.2 9.2

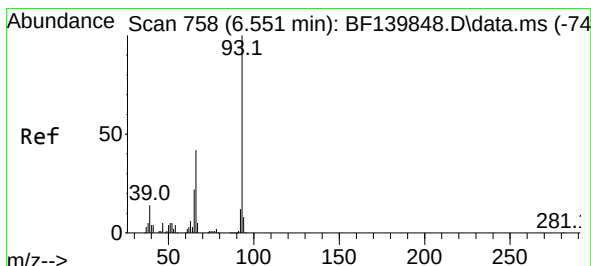
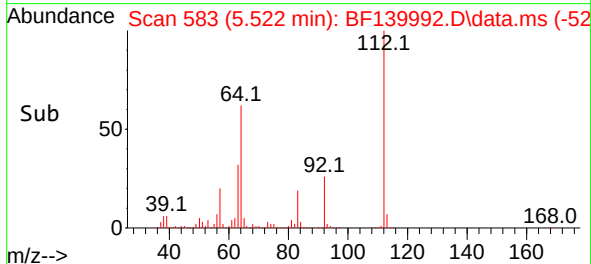
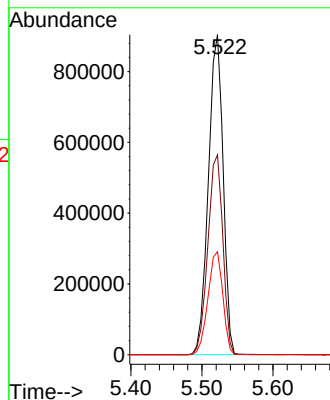
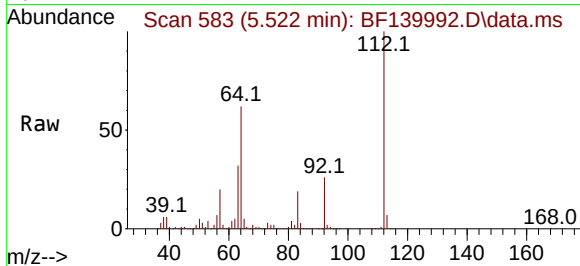




#5
2-Fluorophenol
Concen: 129.144 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

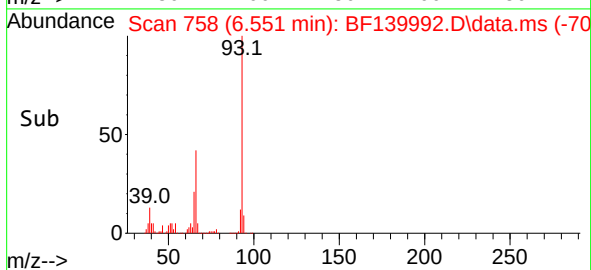
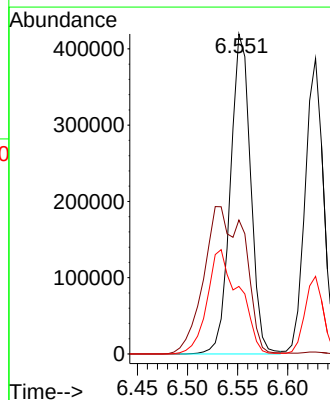
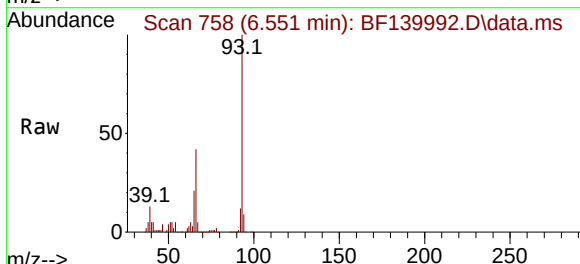
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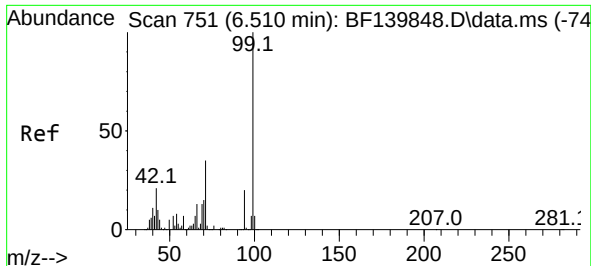
Tgt Ion:112 Resp: 1308935
Ion Ratio Lower Upper
112 100
64 62.4 53.0 79.6
63 32.2 27.0 40.4



#6
Aniline
Concen: 48.273 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion: 93 Resp: 590576
Ion Ratio Lower Upper
93 100
66 41.9 34.0 51.0
65 21.1 17.4 26.0





#7

Phenol-d6

Concen: 125.614 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

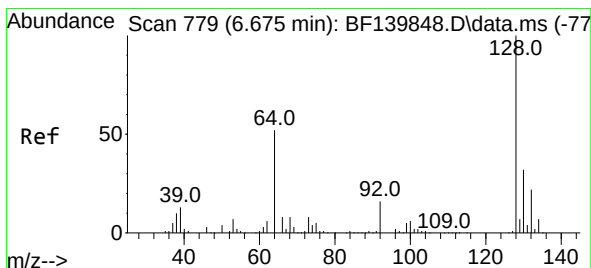
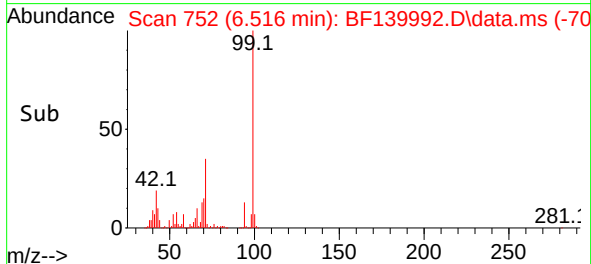
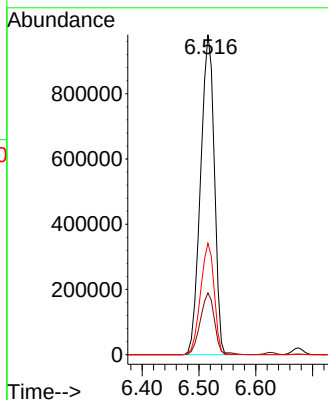
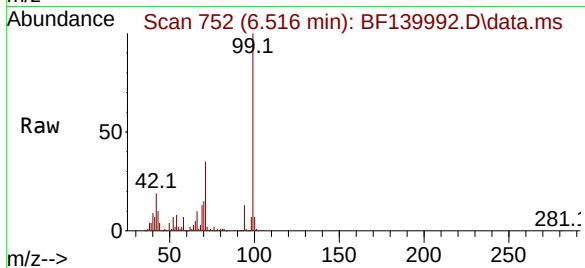
BNA_F

ClientSampleId :

PB164312BS

Tgt Ion: 99 Resp: 1648944

Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.7	25.1
71	34.8	27.7	41.5



#8

2-Chlorophenol

Concen: 48.263 ng

RT: 6.675 min Scan# 779

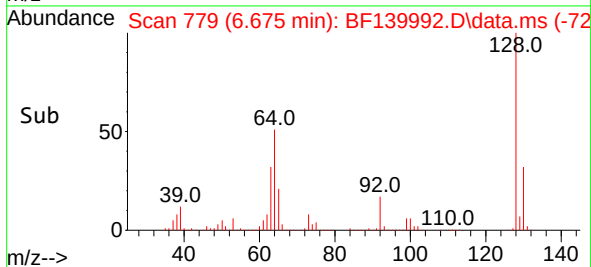
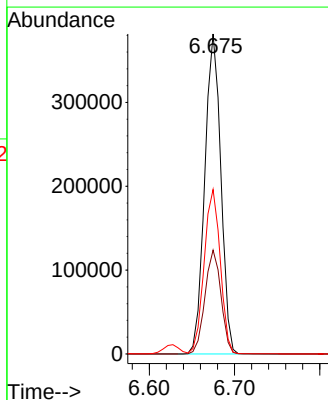
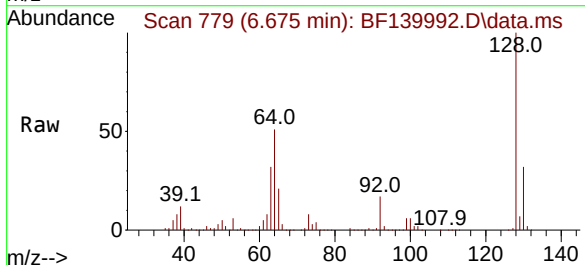
Delta R.T. 0.000 min

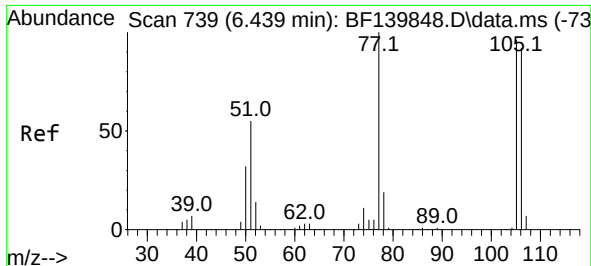
Lab File: BF139992.D

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Tgt Ion:128 Resp: 500078

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.3	52.3
64	51.4	34.6	74.6



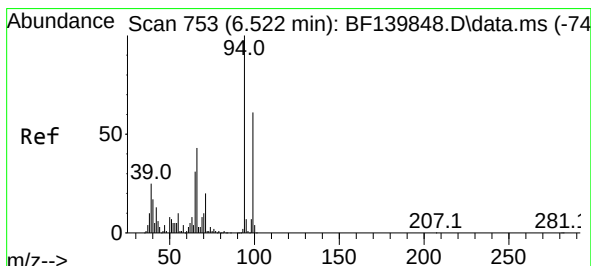
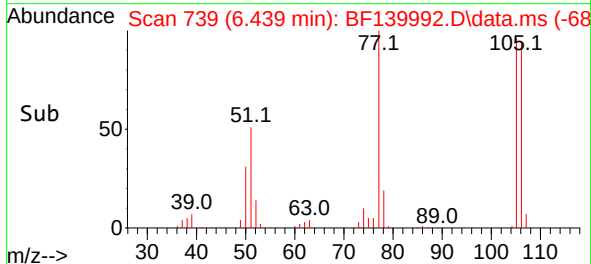
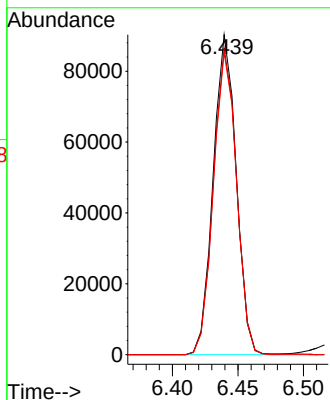
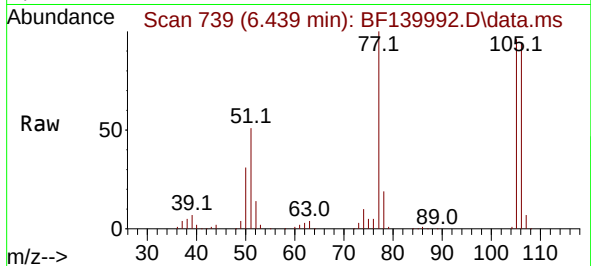


#9
Benzaldehyde
Concen: 14.897 ng
RT: 6.439 min Scan# 710
Delta R.T. 0.000 min
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Tgt Ion: 77 Resp: 110010

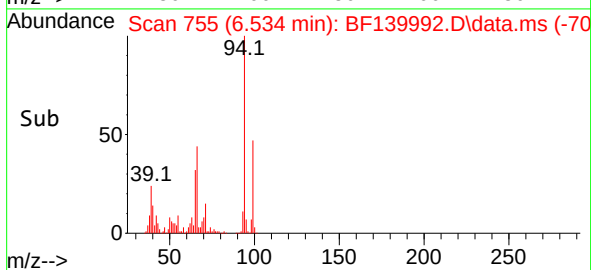
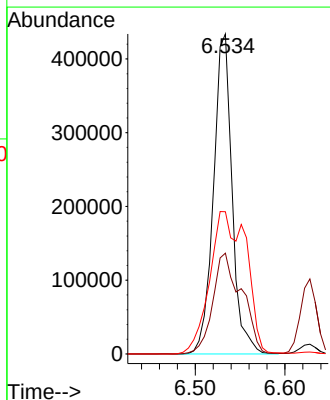
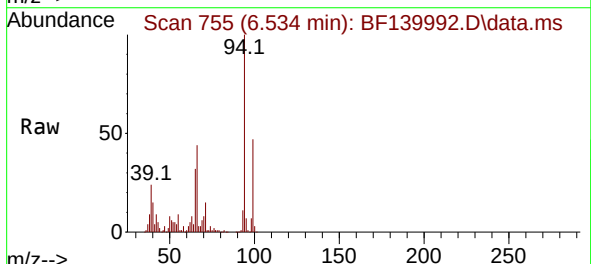
Ion	Ratio	Lower	Upper
77	100		
105	95.8	75.5	115.5
106	94.4	71.7	111.7

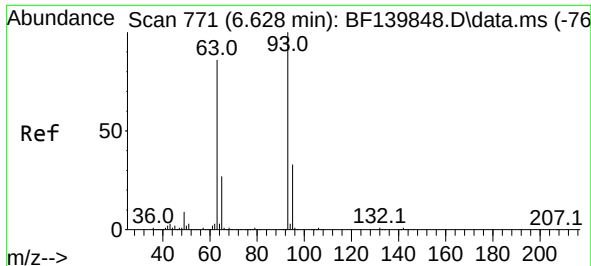


#10
Phenol
Concen: 46.222 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion: 94 Resp: 625541

Ion	Ratio	Lower	Upper
94	100		
65	31.5	11.1	51.1
66	44.5	22.7	62.7



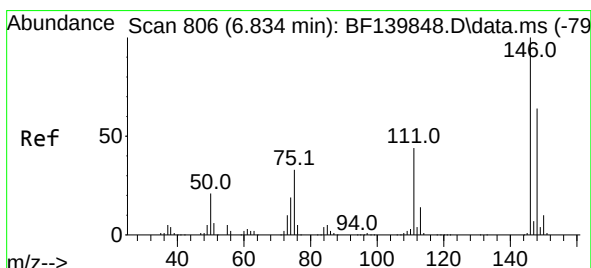
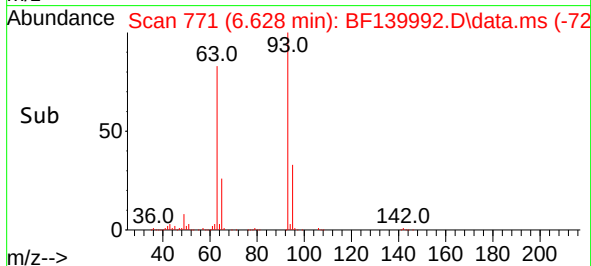
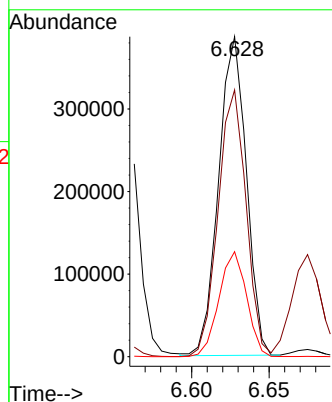
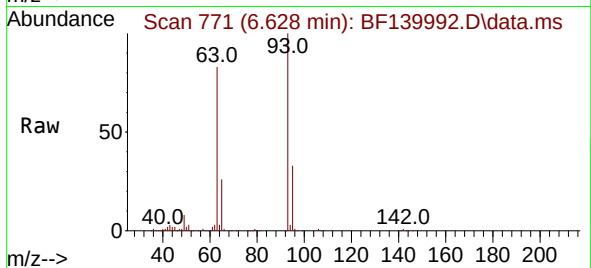


#11
bis(2-Chloroethyl)ether
Concen: 45.906 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Instrument :
BNA_F
ClientSampleId :
PB164312BS

Tgt Ion: 93 Resp: 480190

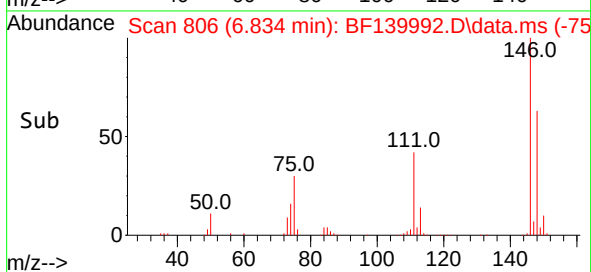
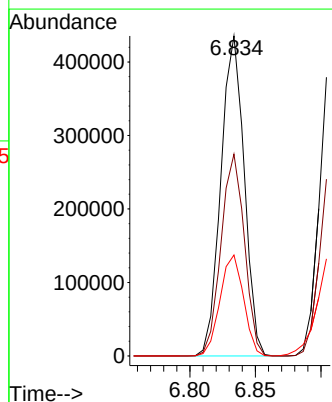
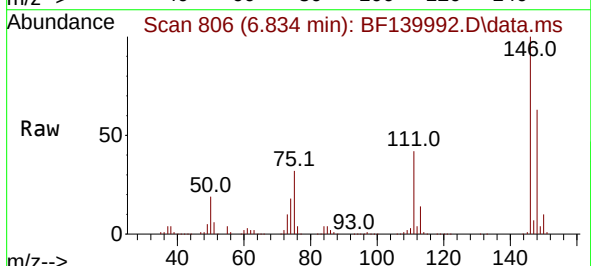
Ion	Ratio	Lower	Upper
93	100		
63	83.4	65.0	105.0
95	32.8	12.4	52.4

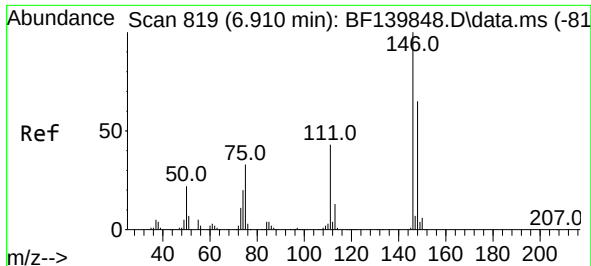


#12
1,3-Dichlorobenzene
Concen: 45.228 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion: 146 Resp: 537956

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.4
75	31.6	26.4	39.6

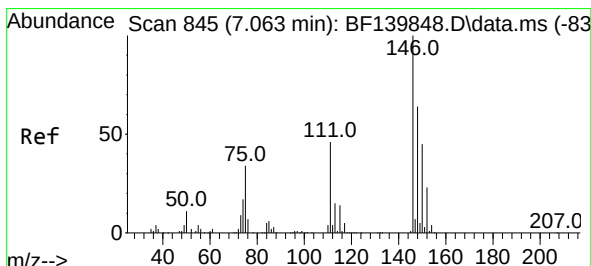
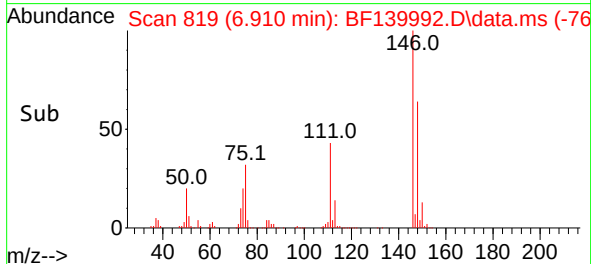
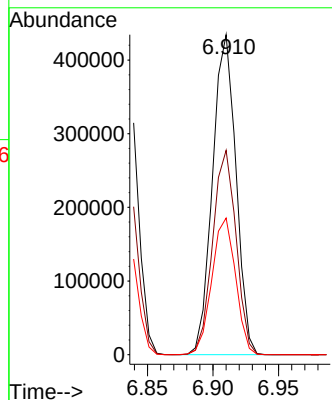
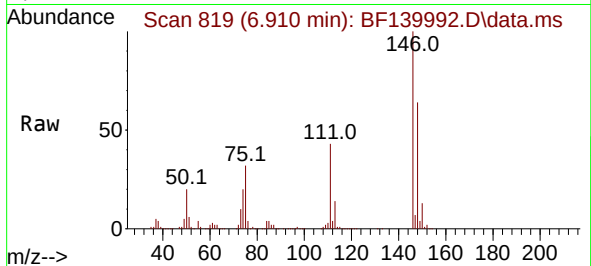




#13
1,4-Dichlorobenzene
Concen: 45.455 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

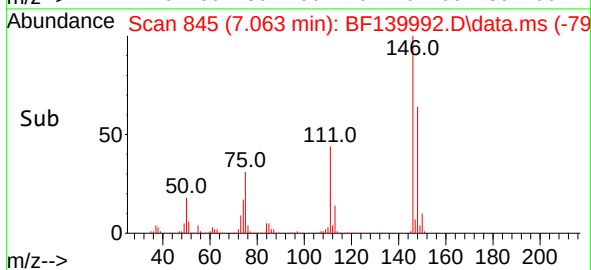
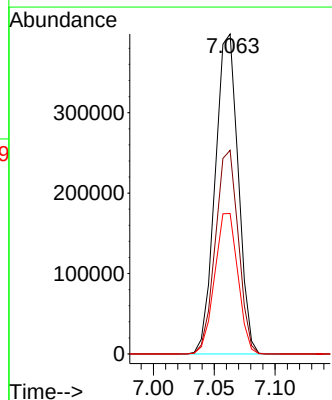
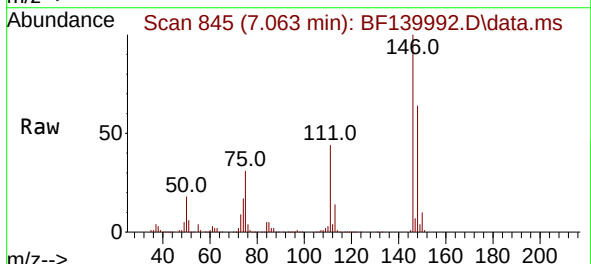
Instrument :
BNA_F
ClientSampleId :
PB164312BS

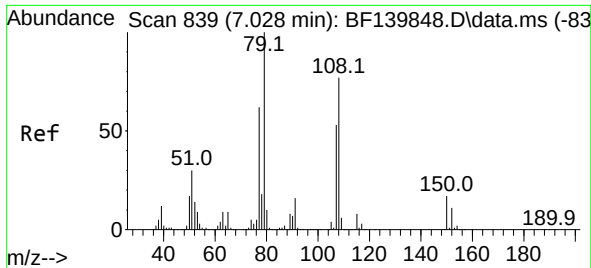
Tgt Ion:146 Resp: 540145
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 42.7 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 47.197 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:146 Resp: 523441
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 43.9 36.7 55.1

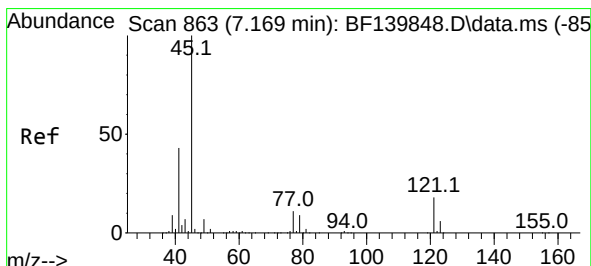
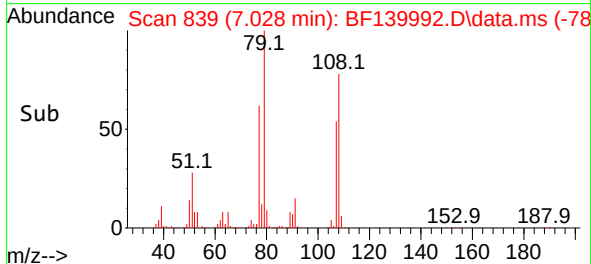
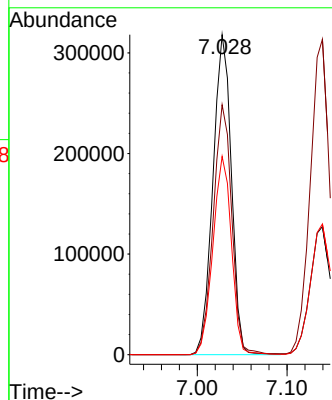
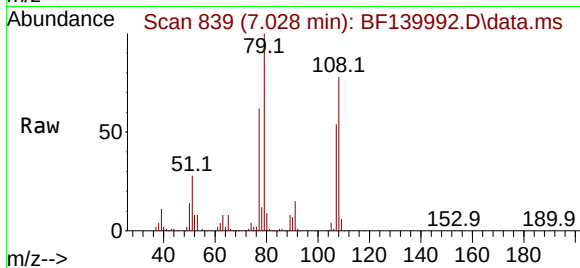




#15
Benzyl Alcohol
Concen: 47.184 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

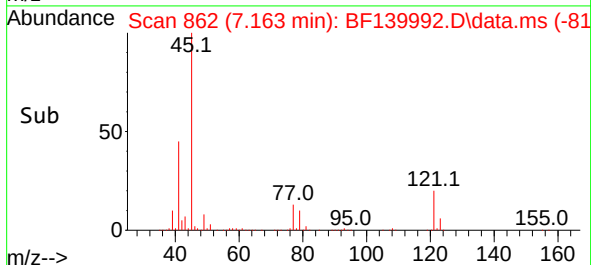
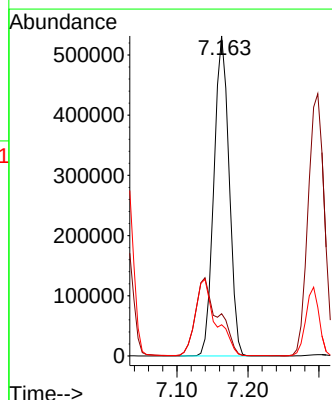
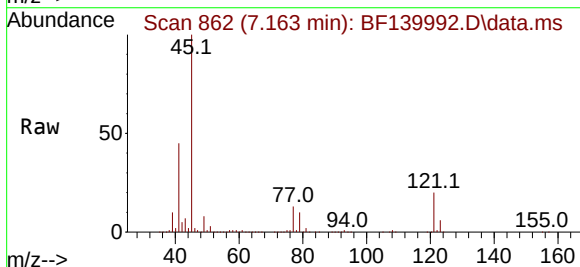
Instrument :
BNA_F
ClientSampleId :
PB164312BS

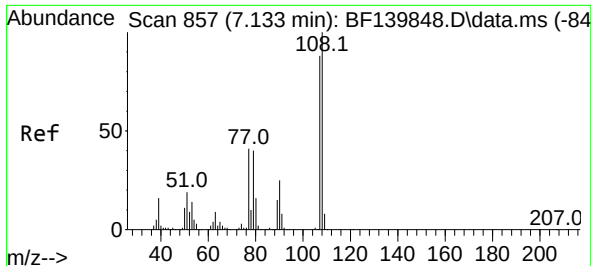
Tgt Ion: 79 Resp: 454342
Ion Ratio Lower Upper
79 100
108 78.1 61.4 92.0
77 62.0 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.088 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion: 45 Resp: 786365
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.5
79 9.7 0.0 29.1

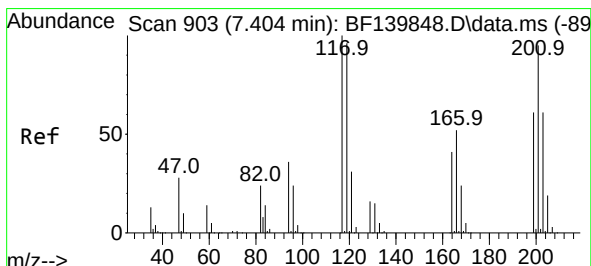
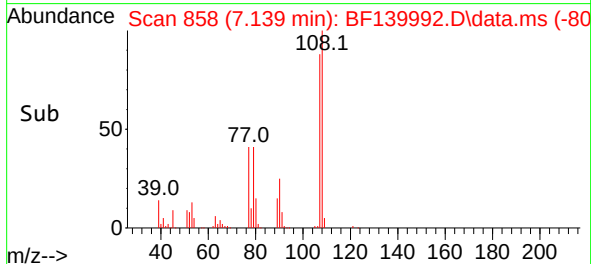
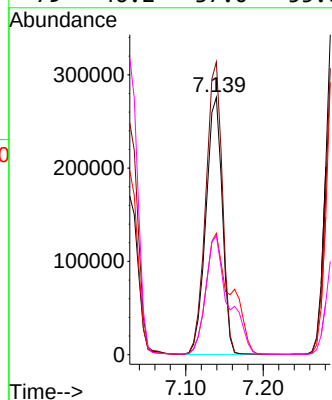
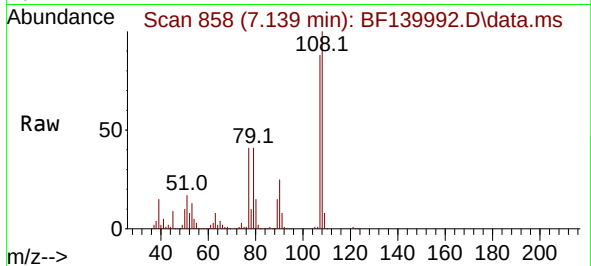




#17
2-Methylphenol
Concen: 45.868 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

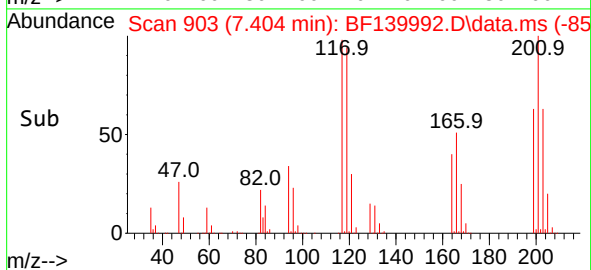
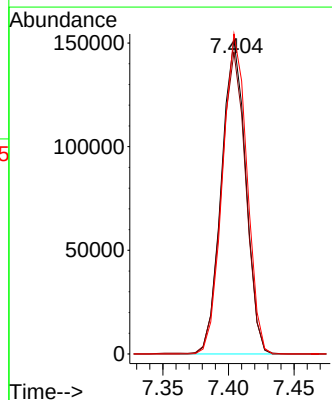
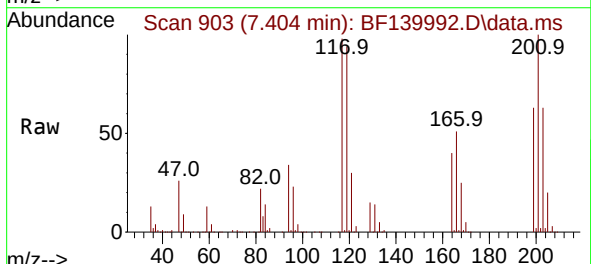
Instrument :
BNA_F
ClientSampleId :
PB164312BS

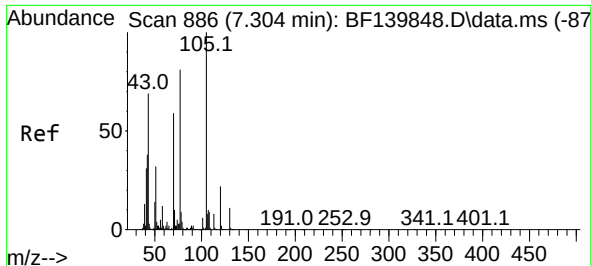
Tgt Ion:	107	Resp:	405261
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.3	136.9
77	47.1	37.1	55.7
79	46.2	37.0	55.6



#18
Hexachloroethane
Concen: 45.910 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:	117	Resp:	194546
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.0	115.4
201	101.9	76.2	114.4



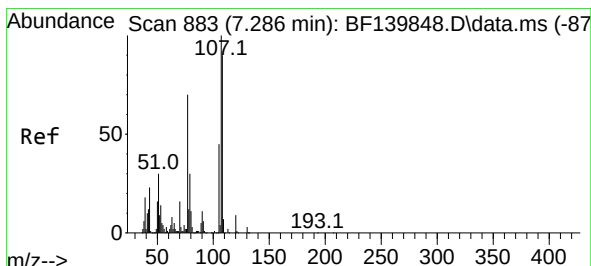
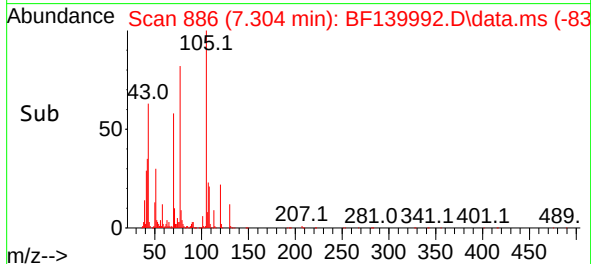
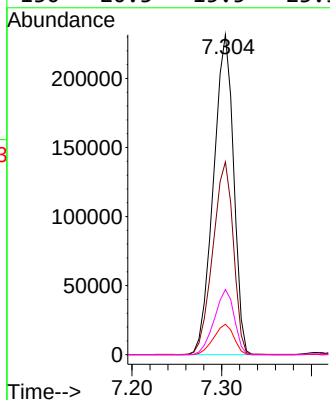
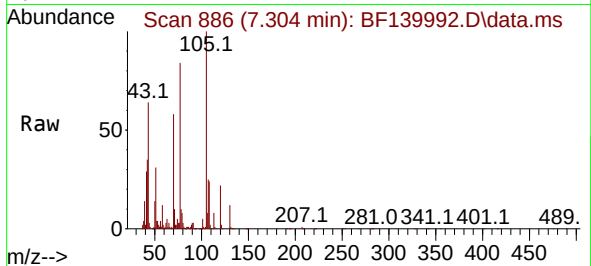


#19
n-Nitroso-di-n-propylamine
Concen: 45.352 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Instrument :
BNA_F
ClientSampleId :
PB164312BS

Tgt Ion: 70 Resp: 361075

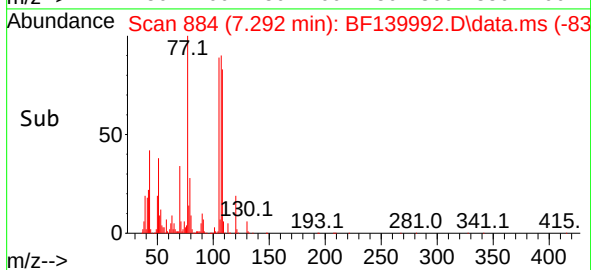
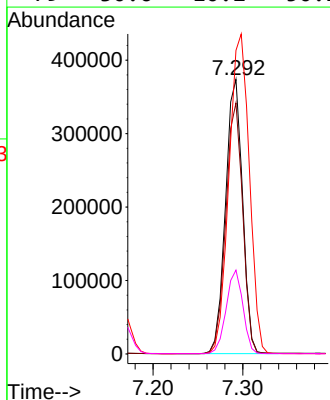
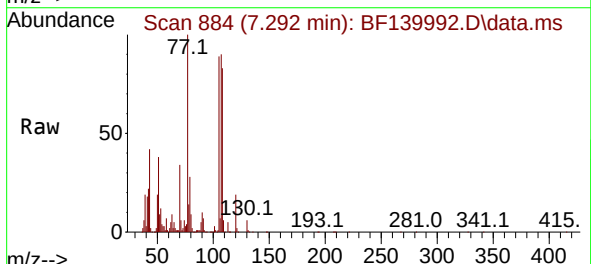
Ion	Ratio	Lower	Upper
70	100		
42	60.2	51.5	77.3
101	9.5	7.5	11.3
130	20.3	15.5	23.3

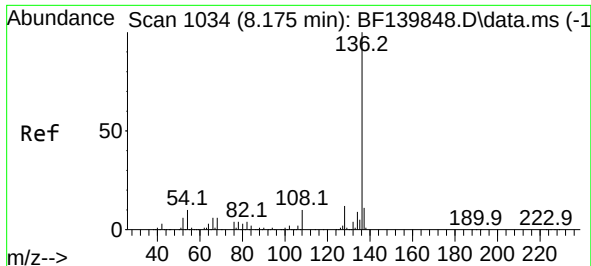


#20
3+4-Methylphenols
Concen: 43.542 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion: 107 Resp: 492067

Ion	Ratio	Lower	Upper
107	100		
108	91.5	69.8	109.8
77	110.6	50.5	90.5#
79	30.6	10.2	50.2



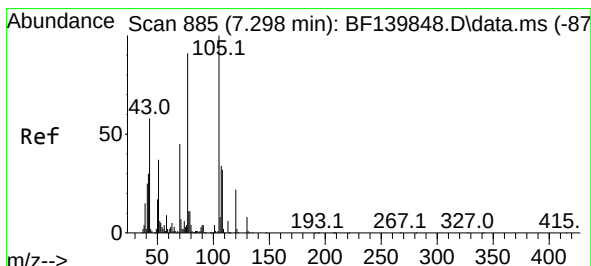
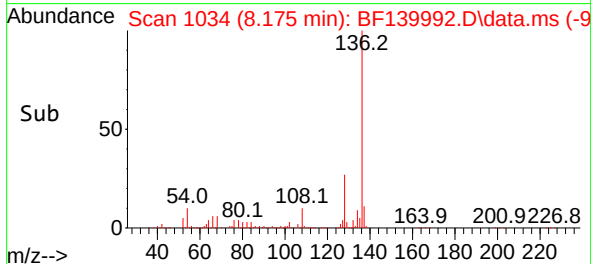
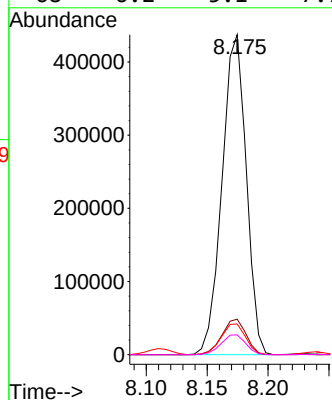
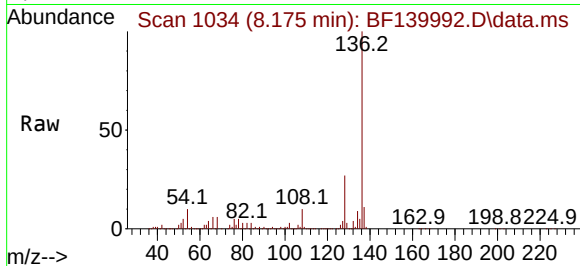


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Instrument :
BNA_F
ClientSampleId :
PB164312BS

Tgt Ion:136 Resp: 605986

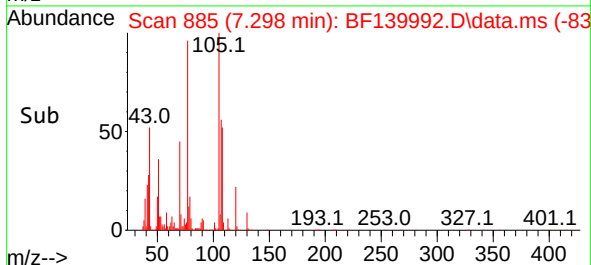
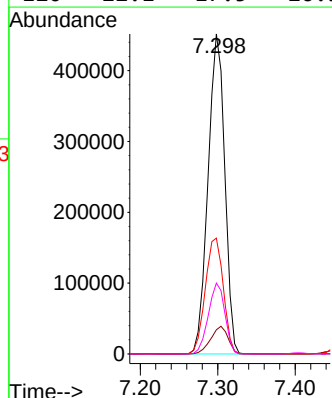
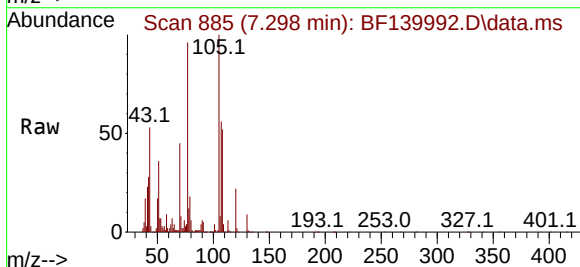
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.6	8.4	12.6
68	6.2	5.1	7.7

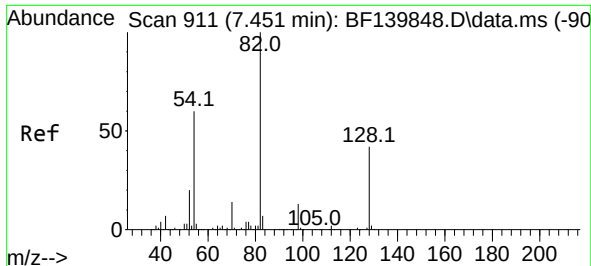


#22
Acetophenone
Concen: 45.631 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:105 Resp: 677280

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.9	8.9
51	36.2	29.4	44.2
120	22.1	17.5	26.3





#23

Nitrobenzene-d5

Concen: 99.414 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

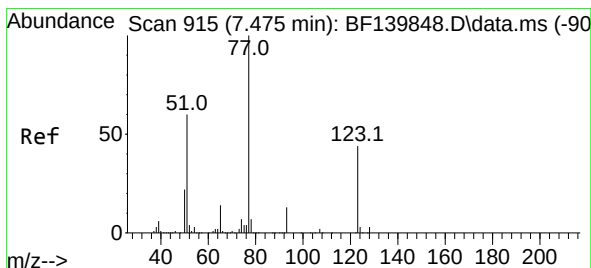
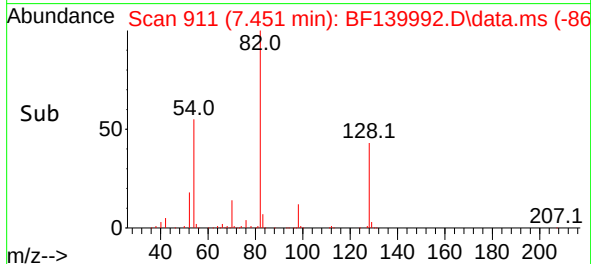
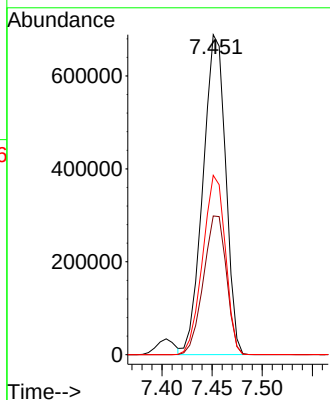
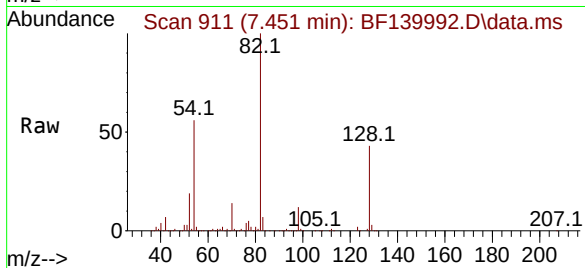
BNA_F

ClientSampleId :

PB164312BS

Tgt Ion: 82 Resp: 1086965

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.4	50.0
54	56.1	47.8	71.8



#24

Nitrobenzene

Concen: 45.258 ng

RT: 7.475 min Scan# 915

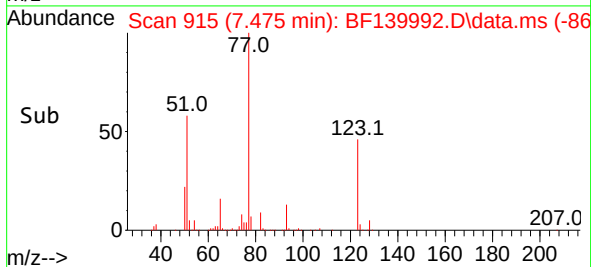
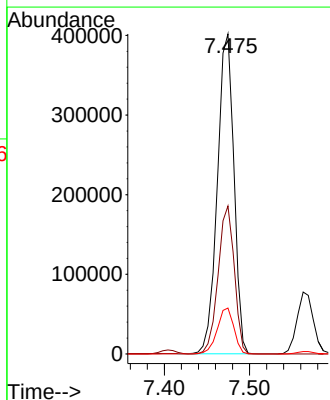
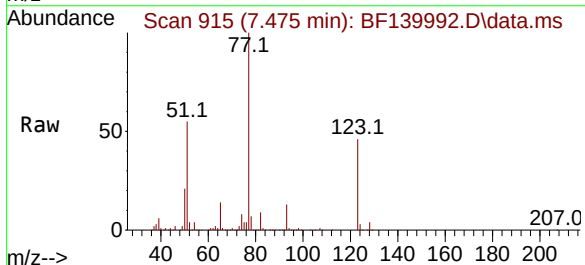
Delta R.T. 0.000 min

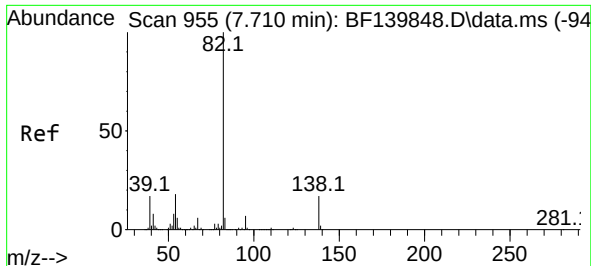
Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Tgt Ion: 77 Resp: 542543

Ion	Ratio	Lower	Upper
77	100		
123	46.2	35.7	53.5
65	14.4	11.5	17.3

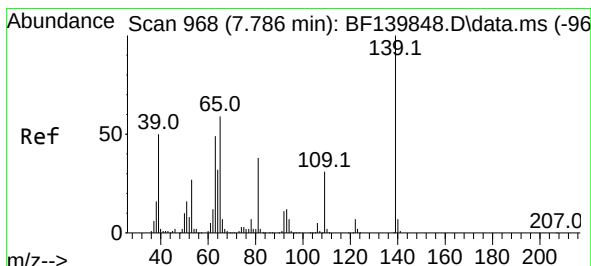
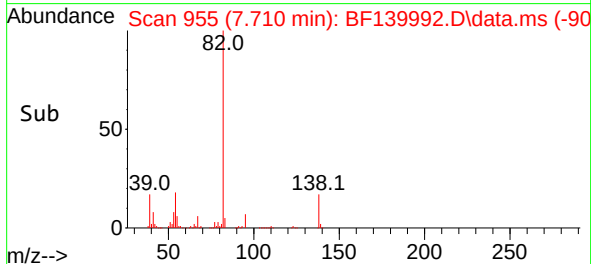
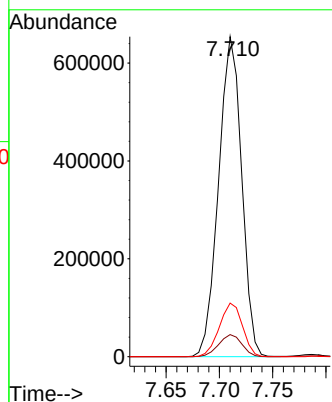
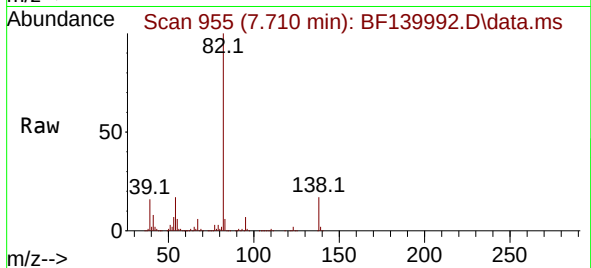




#25
Isophorone
Concen: 47.406 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

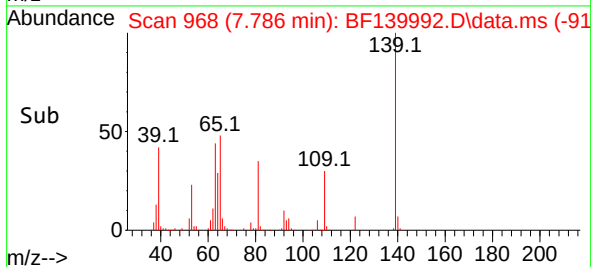
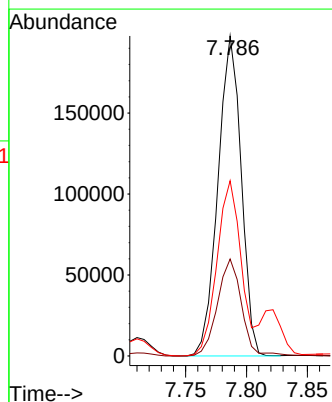
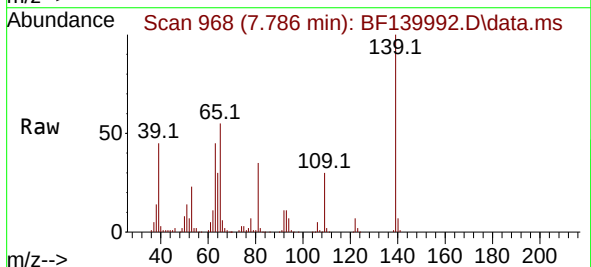
Instrument :
BNA_F
ClientSampleId :
PB164312BS

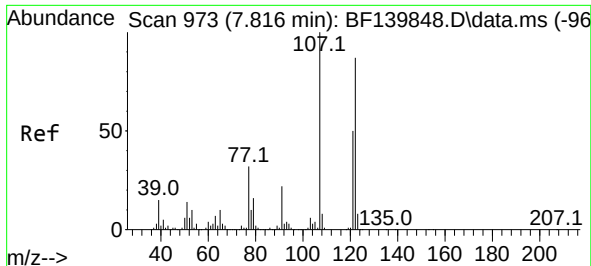
Tgt Ion: 82 Resp: 983786
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 58.071 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:139 Resp: 262619
Ion Ratio Lower Upper
139 100
109 30.3 25.1 37.7
65 54.8 47.5 71.3

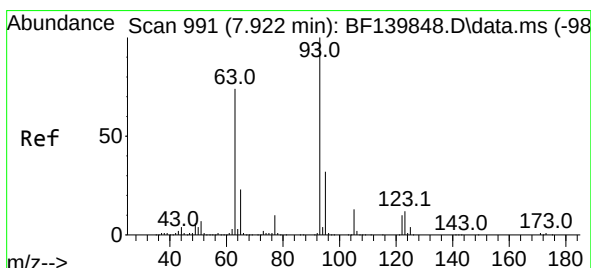
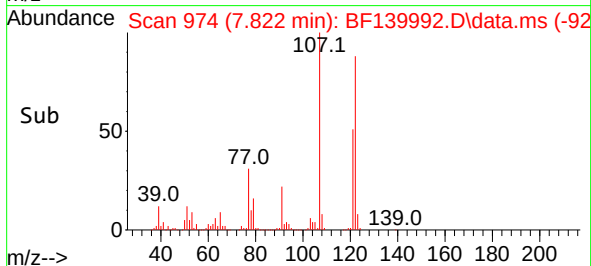
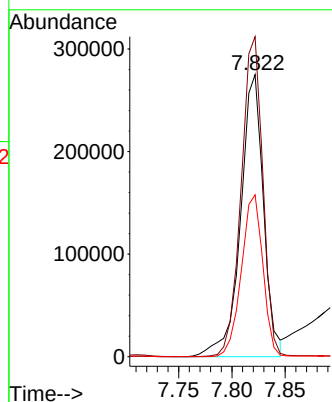
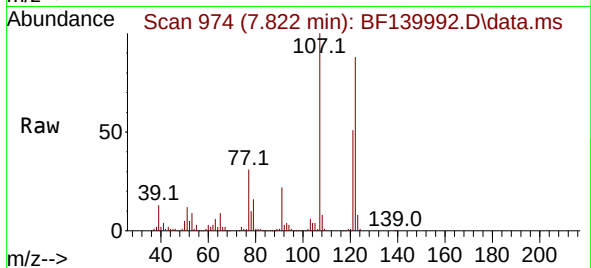




#27
2,4-Dimethylphenol
Concen: 54.717 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

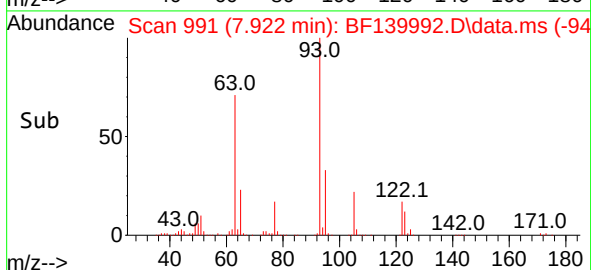
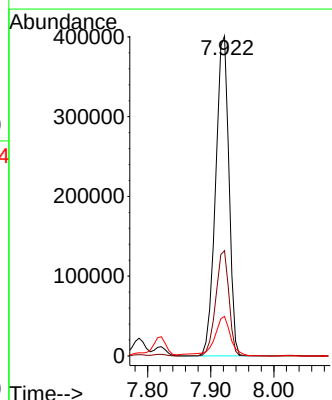
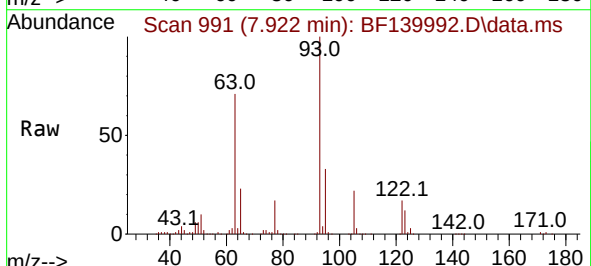
Instrument :
BNA_F
ClientSampleId :
PB164312BS

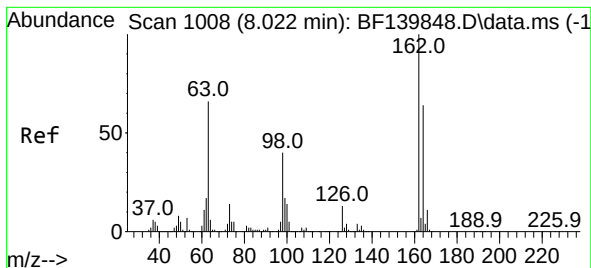
Tgt Ion:122 Resp: 412612
Ion Ratio Lower Upper
122 100
107 113.4 91.9 137.9
121 57.4 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 46.637 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion: 93 Resp: 586376
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 12.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 47.607 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

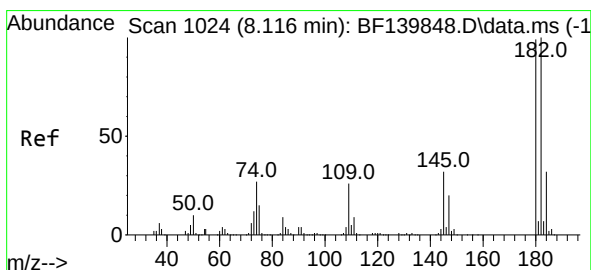
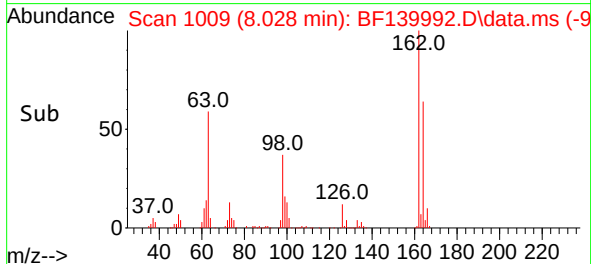
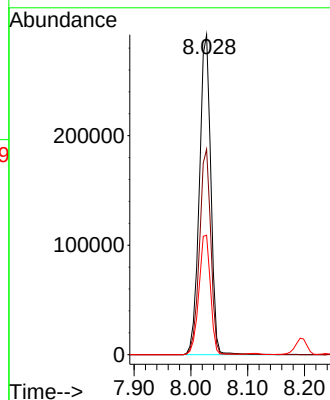
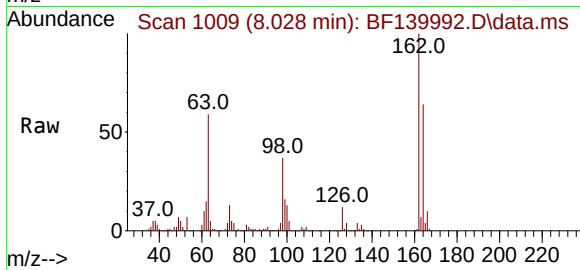
Tgt Ion:162 Resp: 408904

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 37.4 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 46.210 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

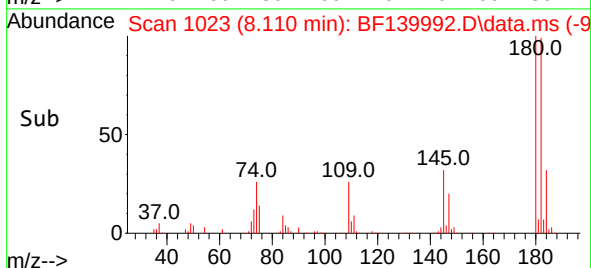
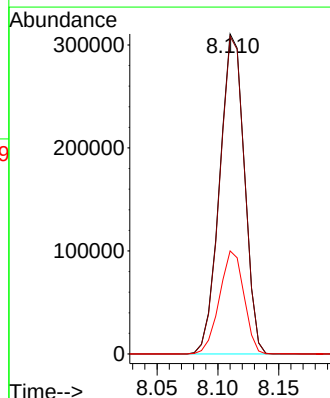
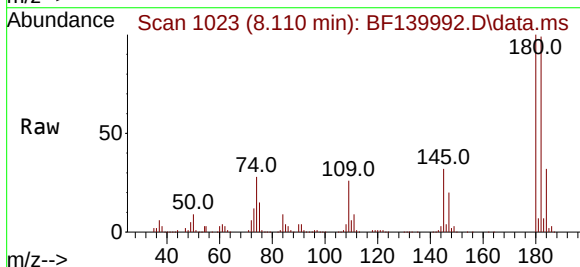
Tgt Ion:180 Resp: 439184

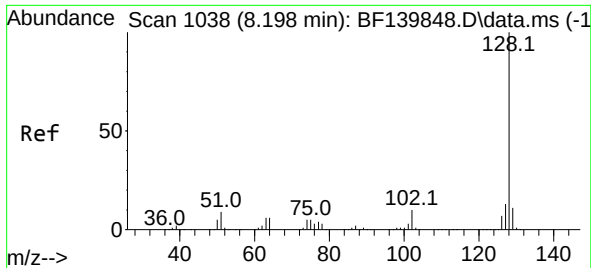
Ion Ratio Lower Upper

180 100

182 99.3 80.5 120.7

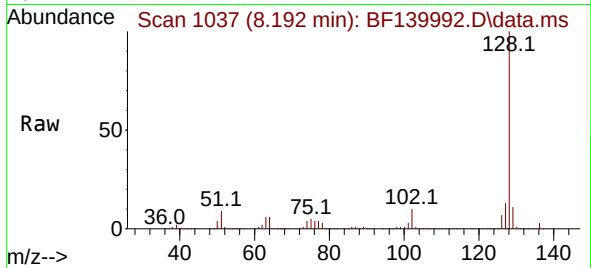
145 32.2 25.4 38.0



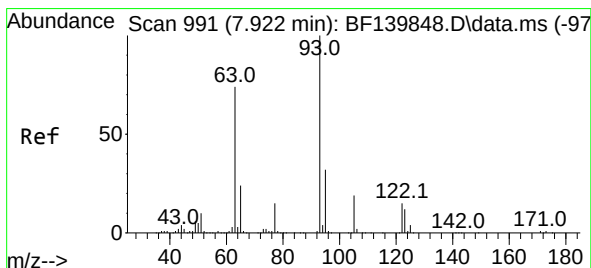
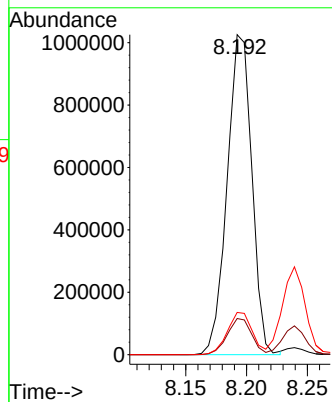
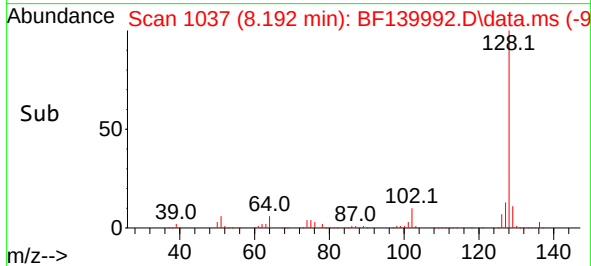


#31
Naphthalene
Concen: 46.284 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Instrument :
BNA_F
ClientSampleId :
PB164312BS

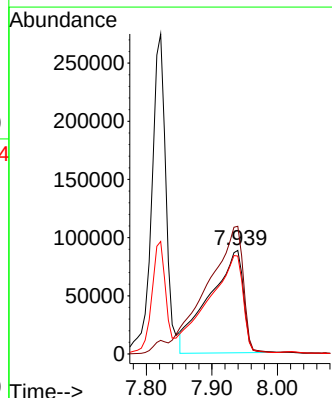
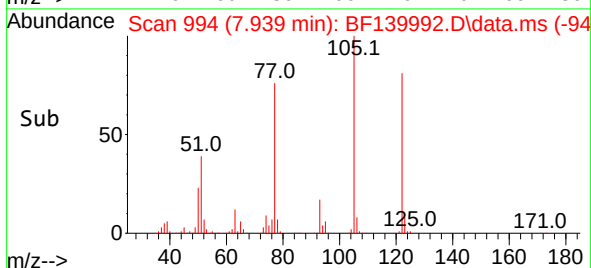
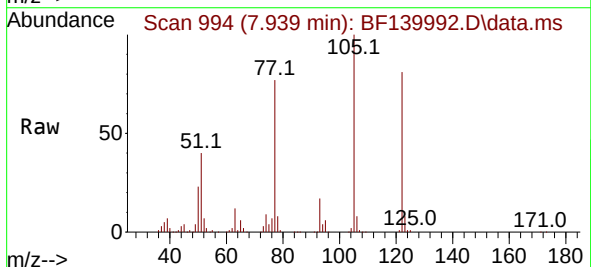


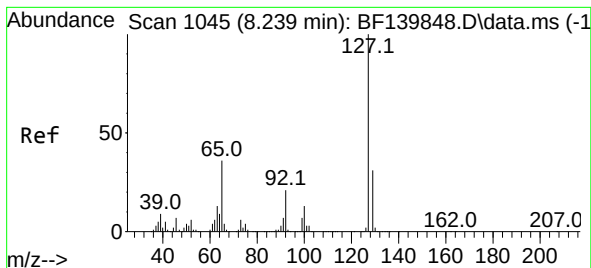
Tgt Ion:128 Resp: 1446510
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 48.215 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:122 Resp: 317111
Ion Ratio Lower Upper
122 100
105 123.3 107.6 147.6
77 94.7 80.2 120.2





#33

4-Chloroaniline

Concen: 35.634 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

Tgt Ion:127 Resp: 379752

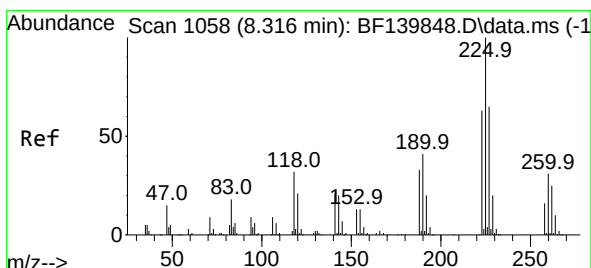
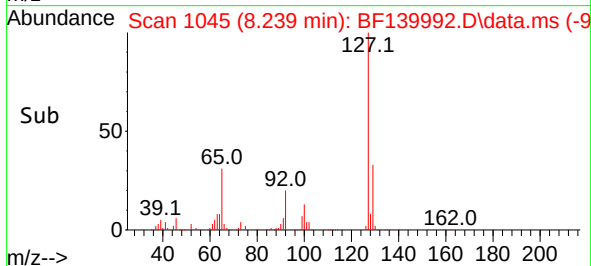
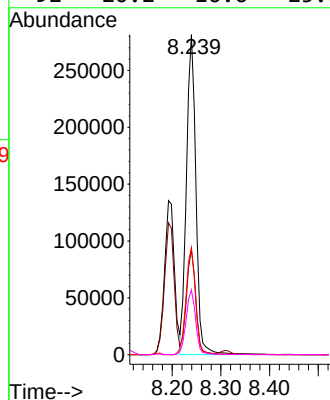
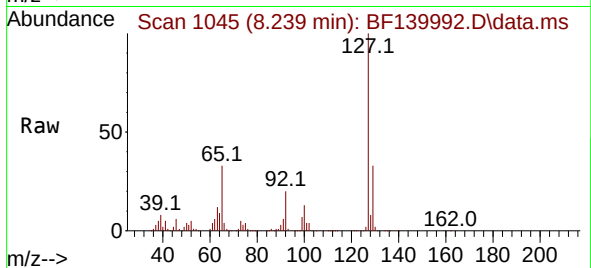
Ion Ratio Lower Upper

127 100

129 32.8 25.4 38.2

65 33.4 28.4 42.6

92 20.2 16.6 25.0



#34

Hexachlorobutadiene

Concen: 47.452 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

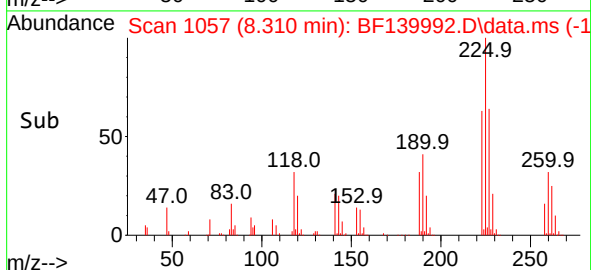
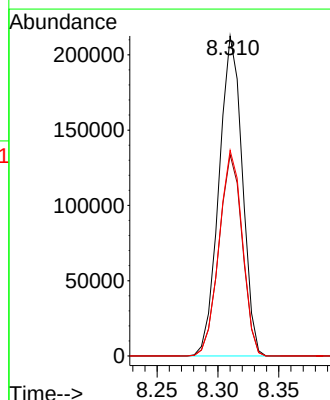
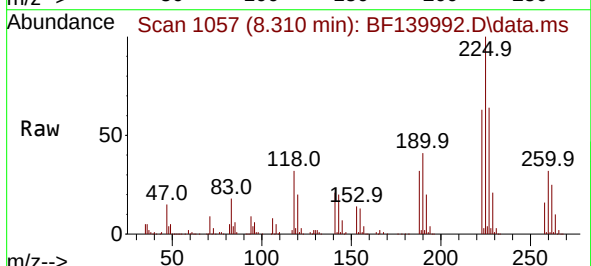
Tgt Ion:225 Resp: 283363

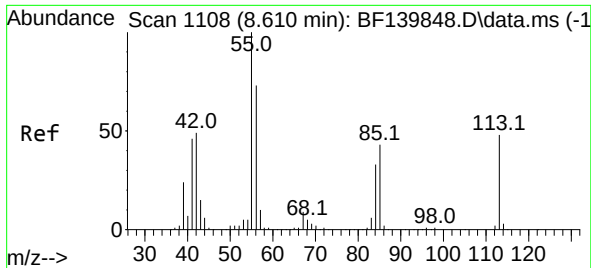
Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

227 64.2 51.8 77.8

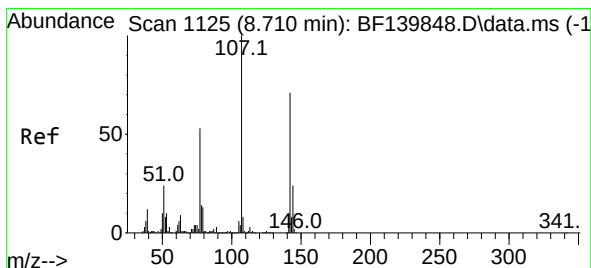
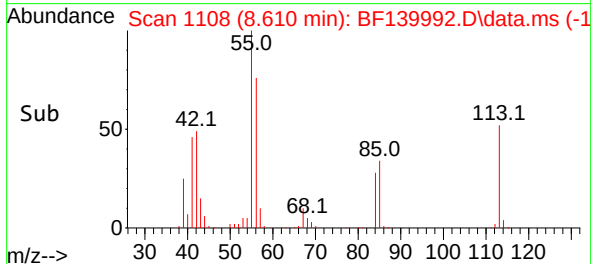
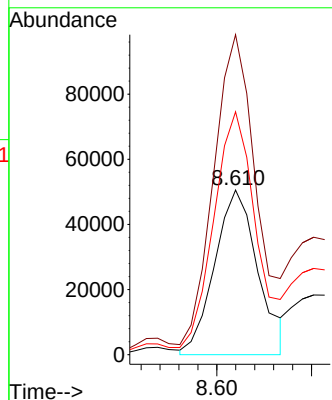
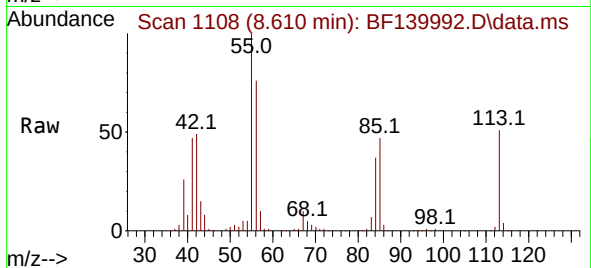




#35
 Caprolactam
 Concen: 29.325 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139992.D
 Acq: 24 Oct 2024 10:52

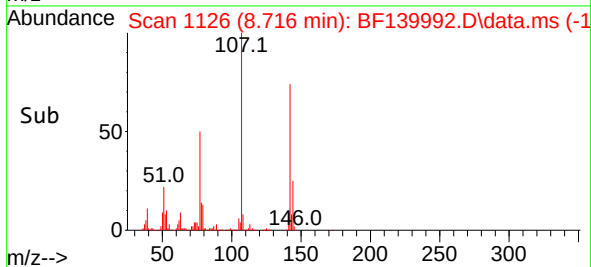
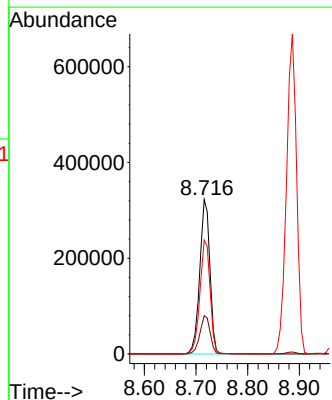
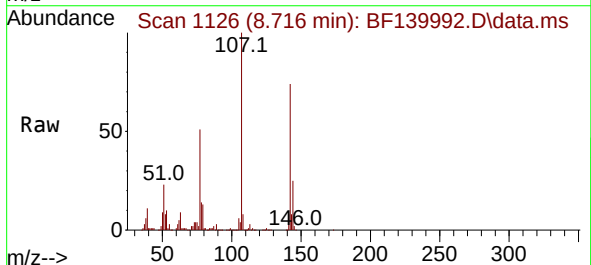
Instrument :
 BNA_F
 ClientSampleId :
 PB164312BS

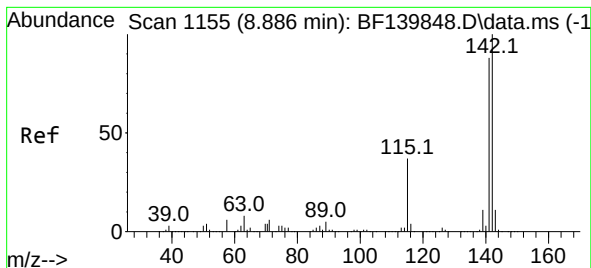
Tgt Ion:113 Resp: 80090
 Ion Ratio Lower Upper
 113 100
 55 194.3 189.2 229.2
 56 147.4 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.476 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139992.D
 Acq: 24 Oct 2024 10:52

Tgt Ion:107 Resp: 442021
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.1 28.7
 142 73.8 57.2 85.8





#37

2-Methylnaphthalene

Concen: 47.426 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

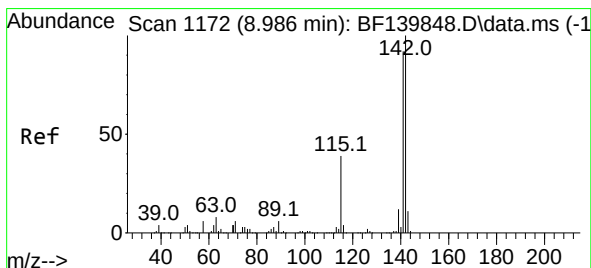
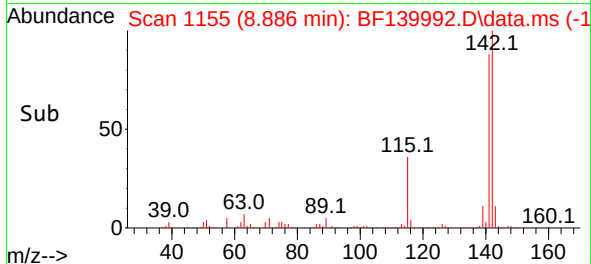
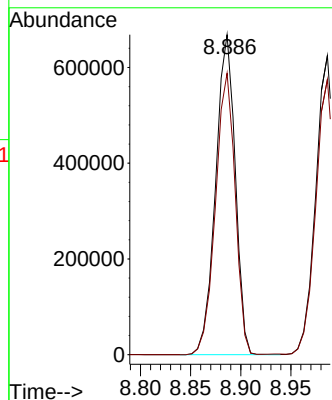
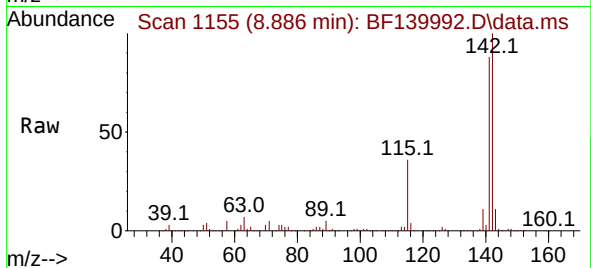
PB164312BS

Tgt Ion:142 Resp: 907765

Ion Ratio Lower Upper

142 100

141 87.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.923 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139992.D

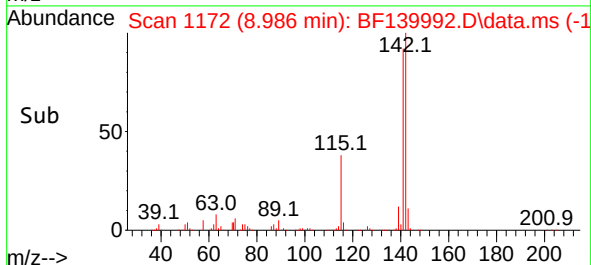
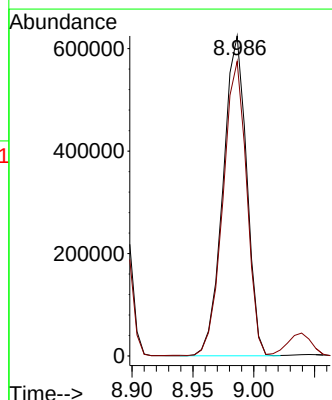
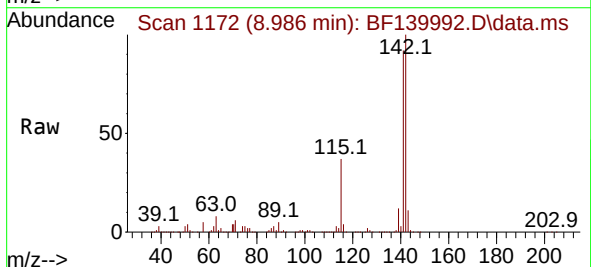
Acq: 24 Oct 2024 10:52

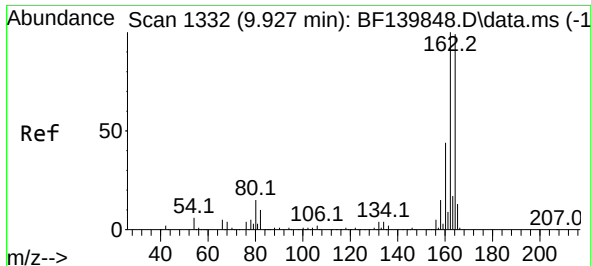
Tgt Ion:142 Resp: 843621

Ion Ratio Lower Upper

142 100

141 92.1 73.5 110.3

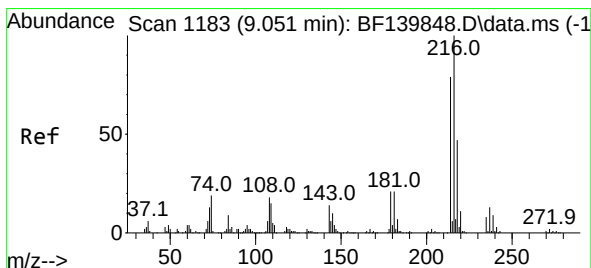
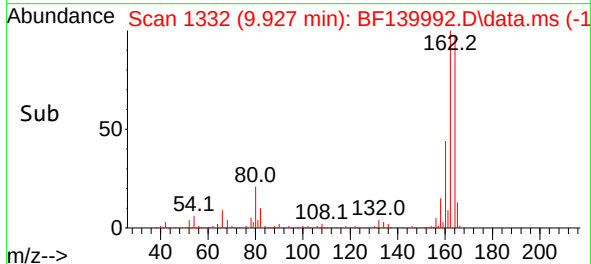
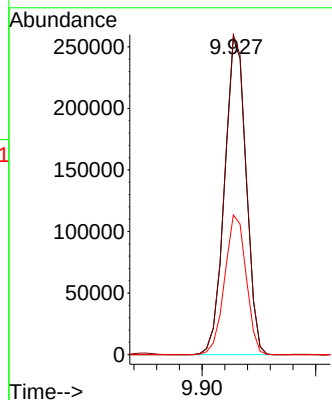
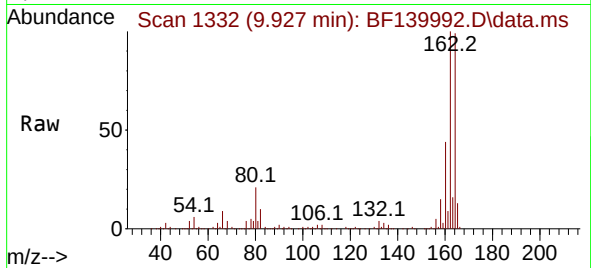




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

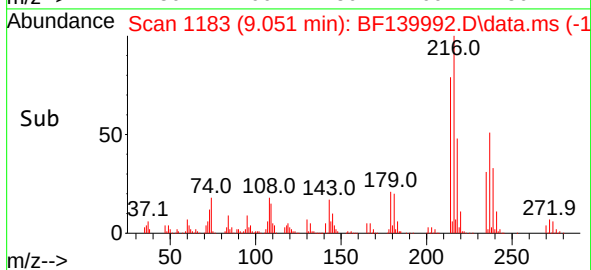
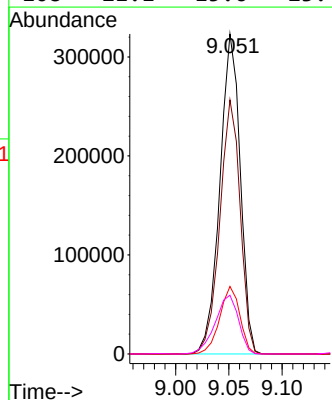
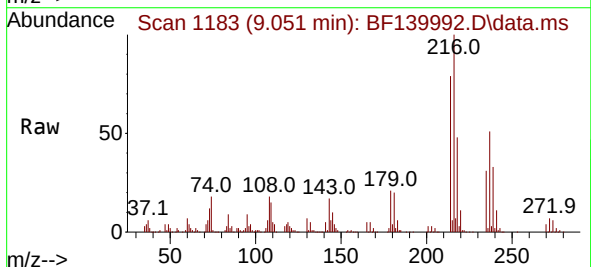
Instrument :
BNA_F
ClientSampleId :
PB164312BS

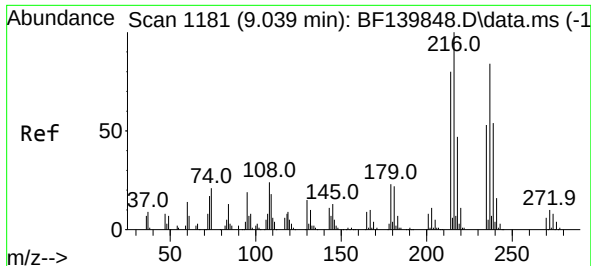
Tgt Ion:164 Resp: 338004
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 44.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.056 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

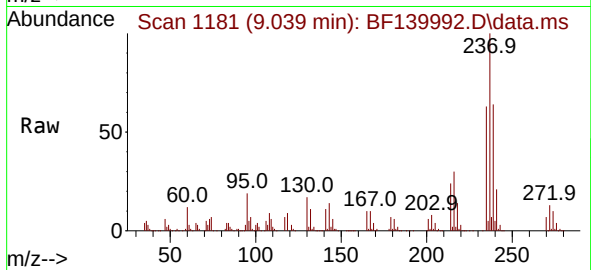
Tgt Ion:216 Resp: 429093
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 20.9 17.2 25.8
108 21.1 15.6 23.4



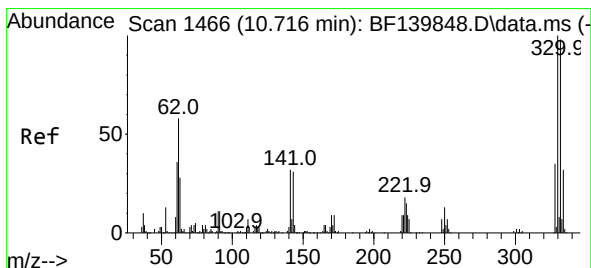
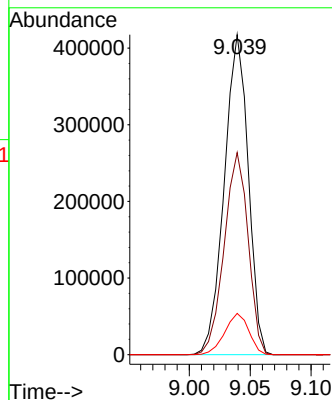
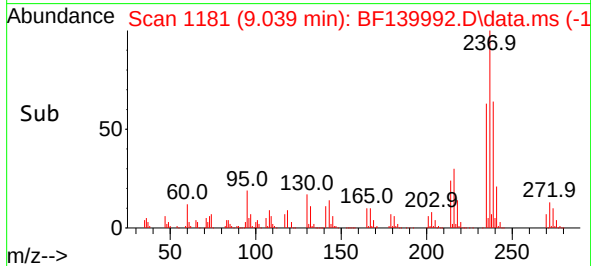


#41
Hexachlorocyclopentadiene
Concen: 180.387 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

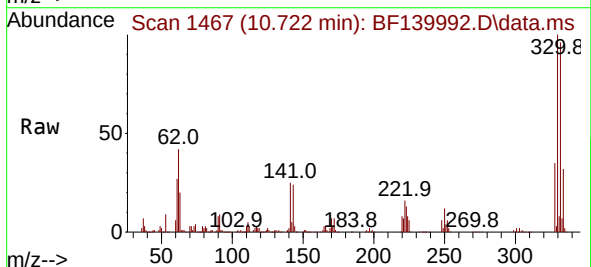
Instrument :
BNA_F
ClientSampleId :
PB164312BS



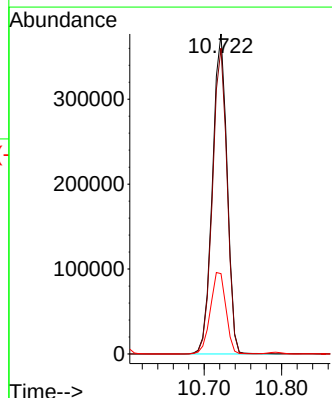
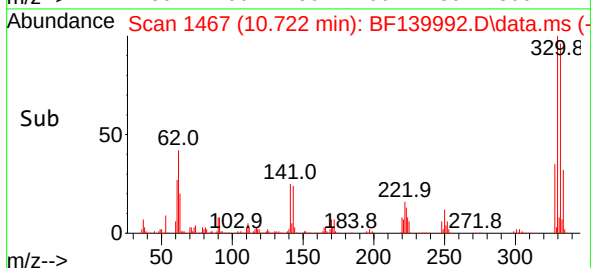
Tgt Ion:237 Resp: 572352
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 12.9 0.0 32.3

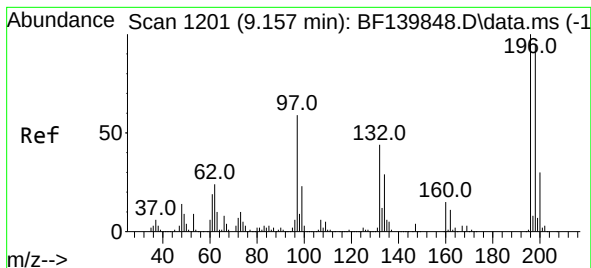


#42
2,4,6-Tribromophenol
Concen: 156.540 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52



Tgt Ion:330 Resp: 494913
Ion Ratio Lower Upper
330 100
332 95.2 78.1 117.1
141 27.0 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 49.535 ng

RT: 9.163 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

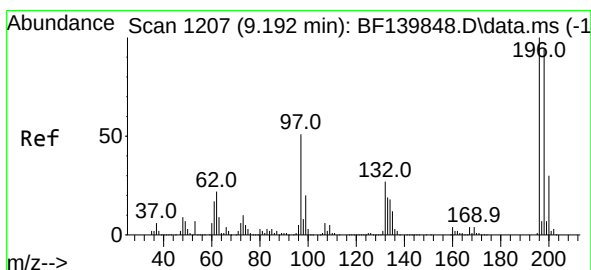
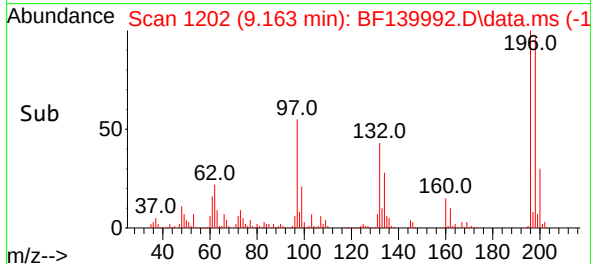
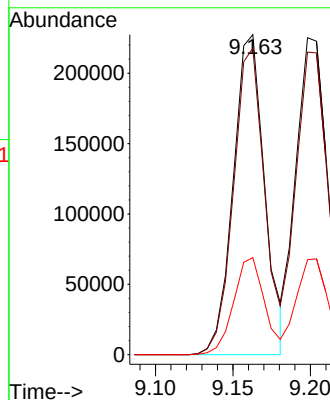
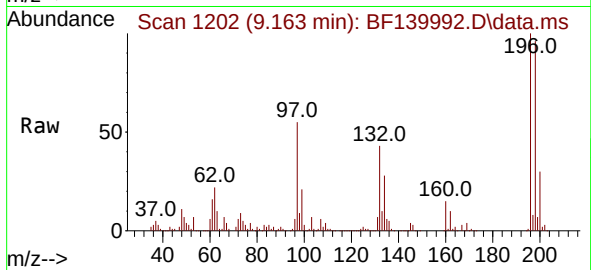
Tgt Ion:196 Resp: 319801

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

200 30.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.437 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Tgt Ion:196 Resp: 315968

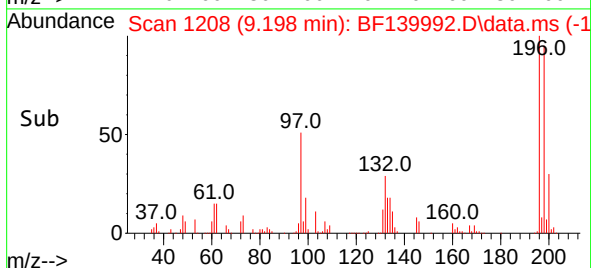
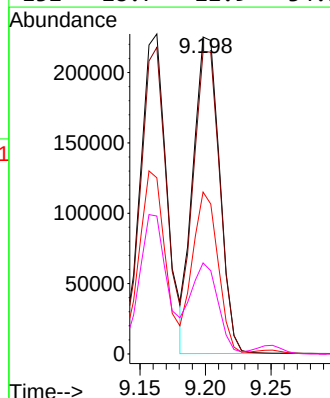
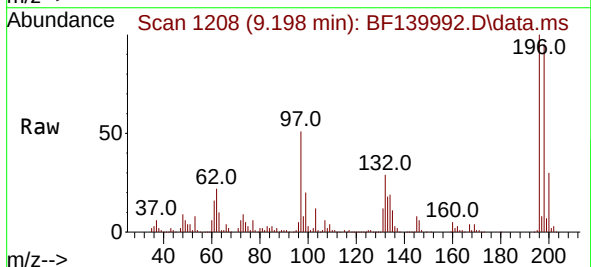
Ion Ratio Lower Upper

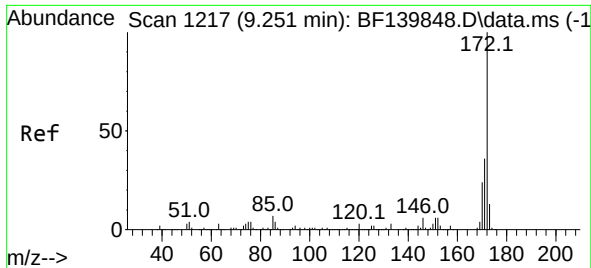
196 100

198 95.5 75.8 113.6

97 51.1 41.8 62.6

132 28.7 22.9 34.3

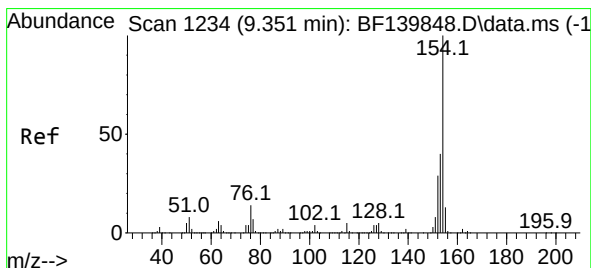
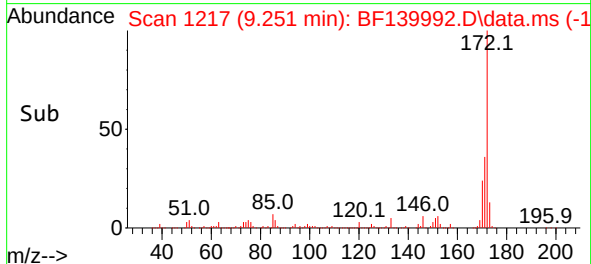
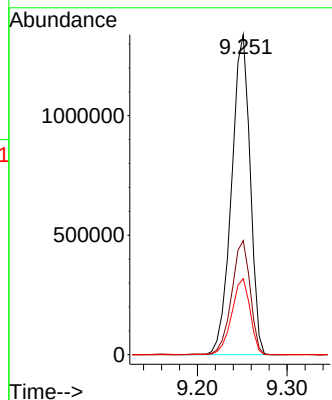
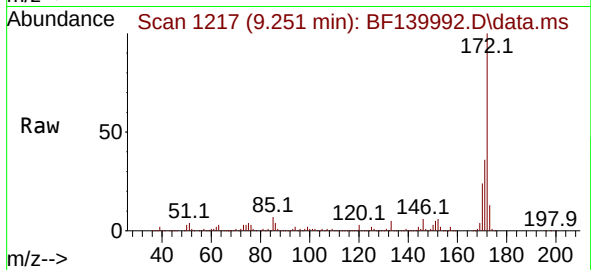




#45
2-Fluorobiphenyl
Concen: 93.895 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

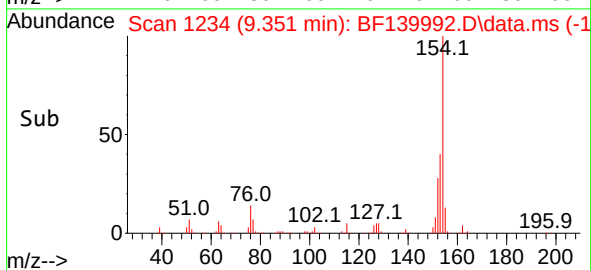
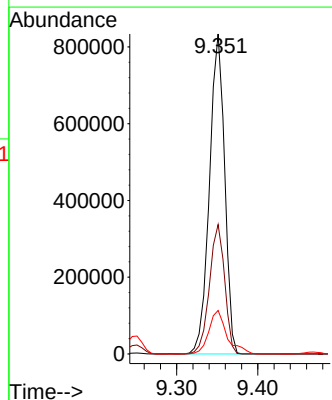
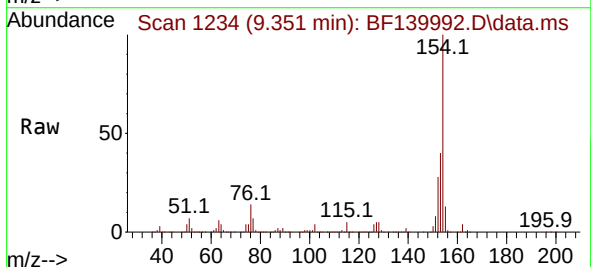
Instrument :
BNA_F
ClientSampleId :
PB164312BS

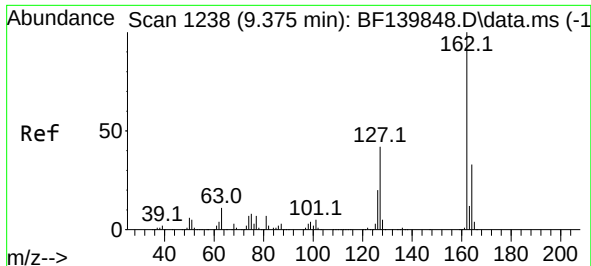
Tgt Ion:172 Resp: 1920305
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 45.961 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:154 Resp: 1081469
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.644 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

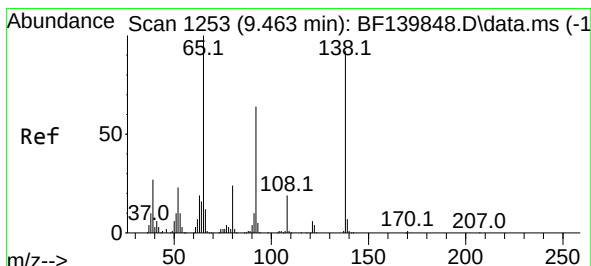
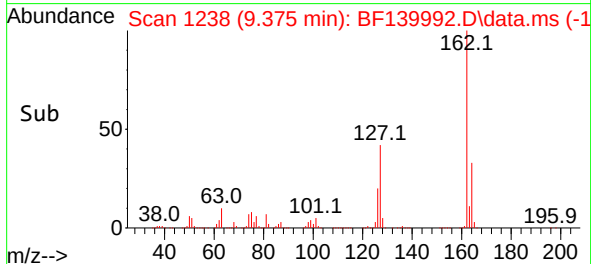
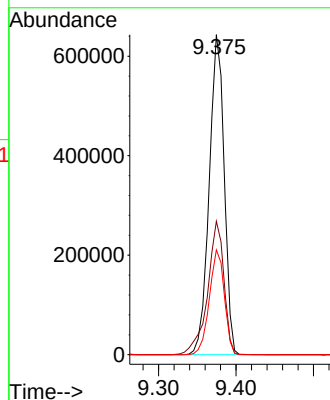
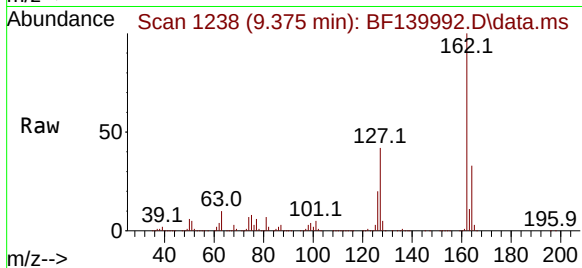
Tgt Ion:162 Resp: 865022

Ion Ratio Lower Upper

162 100

127 41.7 33.8 50.6

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 50.615 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

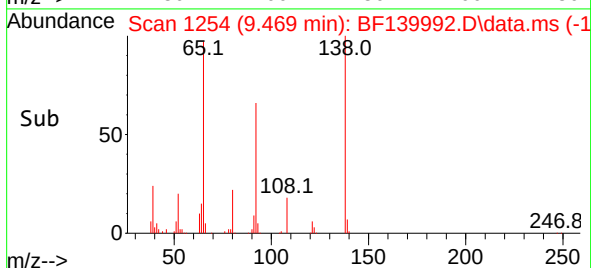
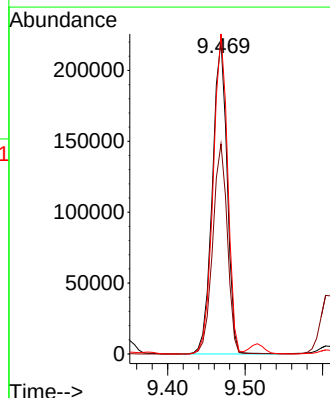
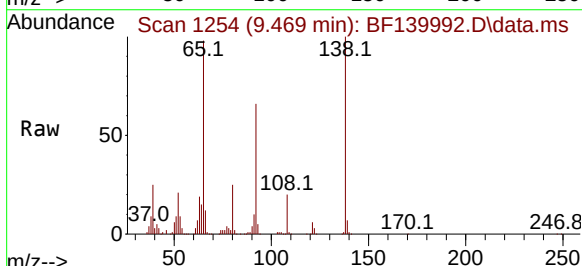
Tgt Ion: 65 Resp: 293375

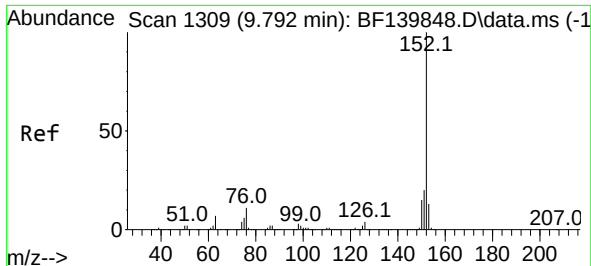
Ion Ratio Lower Upper

65 100

92 67.1 50.9 76.3

138 102.2 73.4 110.0

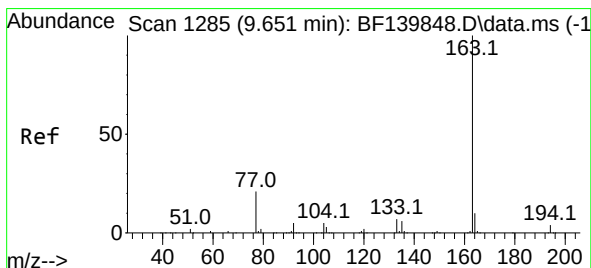
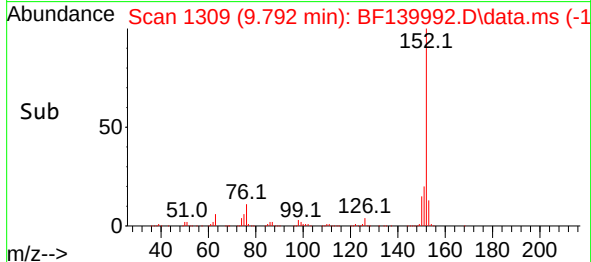
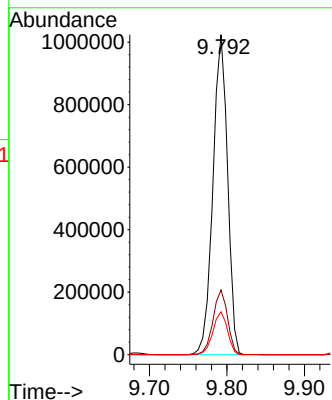
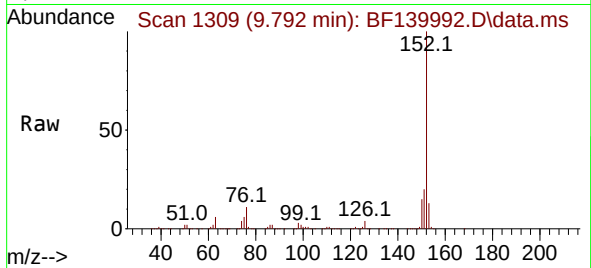




#49
Acenaphthylene
Concen: 48.981 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

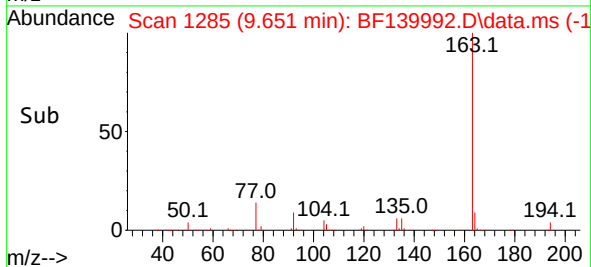
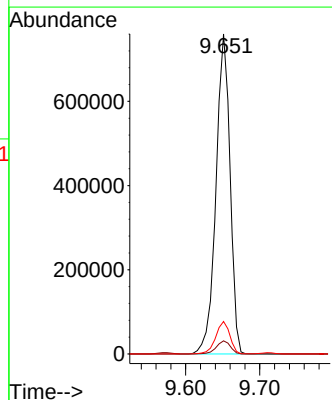
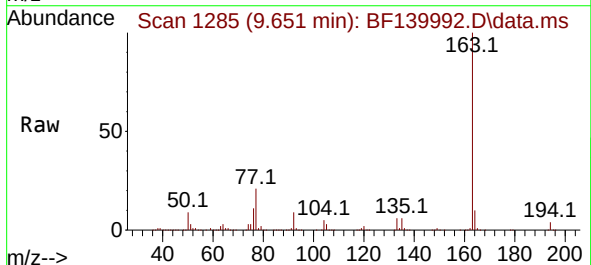
Instrument :
BNA_F
ClientSampleId :
PB164312BS

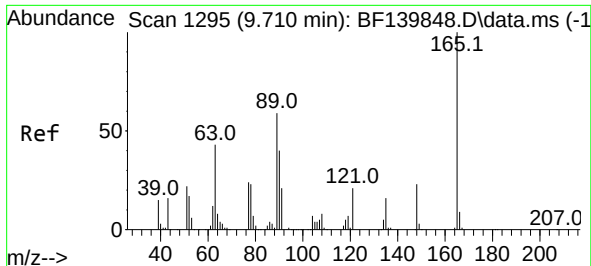
Tgt Ion:152 Resp: 1341986
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 47.597 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:163 Resp: 1002087
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.2 8.2 12.2

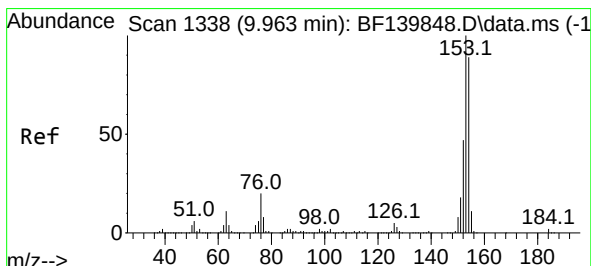
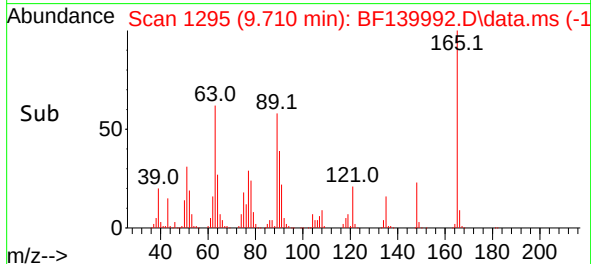
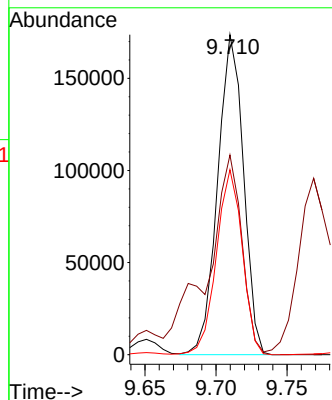
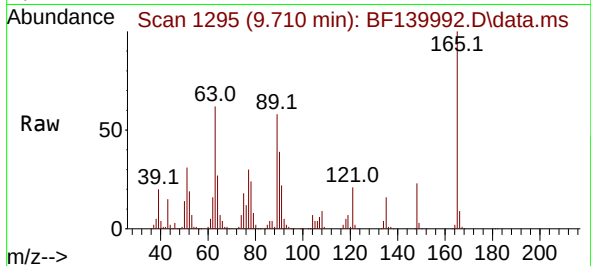




#51
2,6-Dinitrotoluene
Concen: 48.219 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

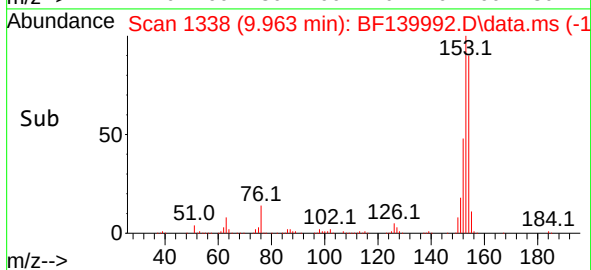
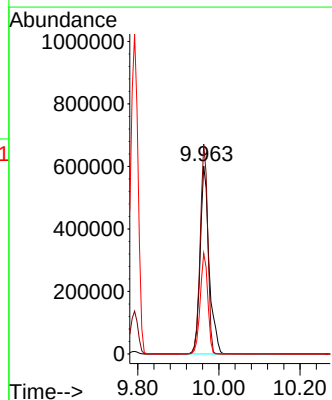
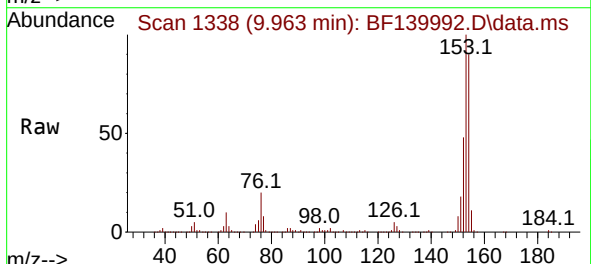
Instrument :
BNA_F
ClientSampleId :
PB164312BS

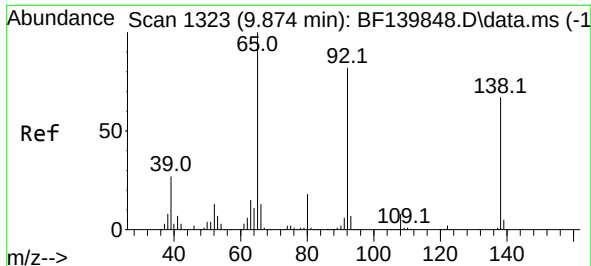
Tgt Ion:165 Resp: 219806
Ion Ratio Lower Upper
165 100
63 62.4 50.6 75.8
89 57.8 47.5 71.3



#52
Acenaphthene
Concen: 52.434 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:154 Resp: 929324
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.6
152 53.6 42.4 63.6

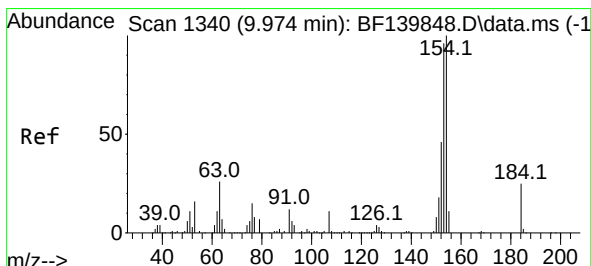
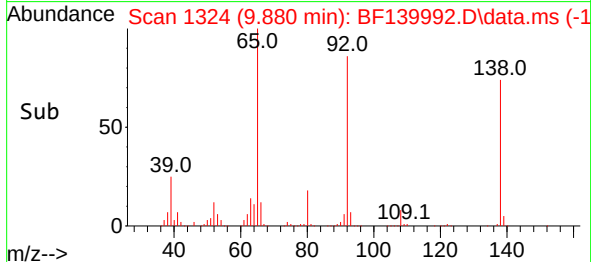
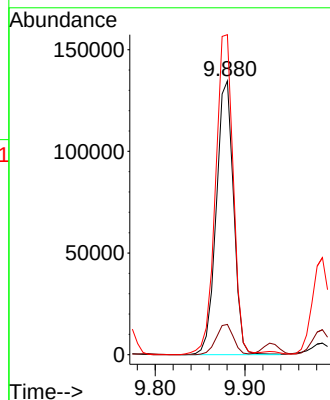
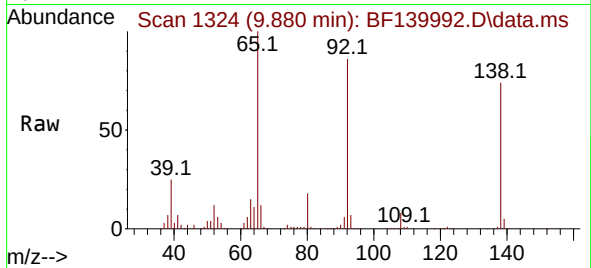




#53
3-Nitroaniline
Concen: 38.328 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

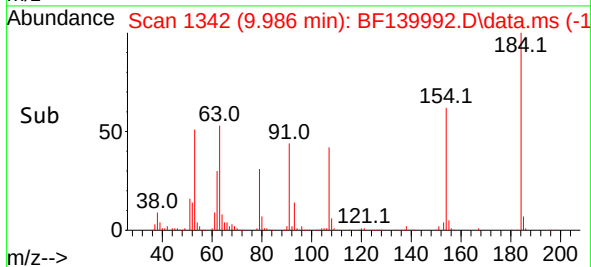
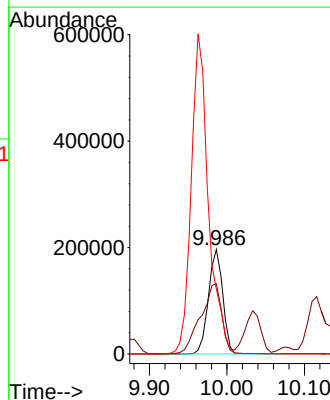
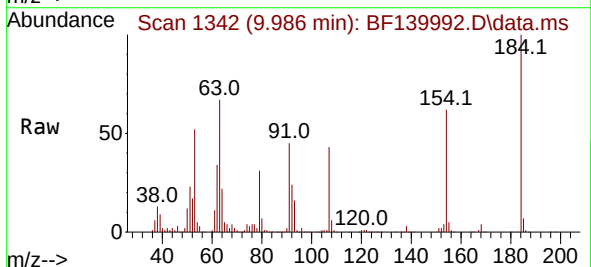
Instrument :
BNA_F
ClientSampleId :
PB164312BS

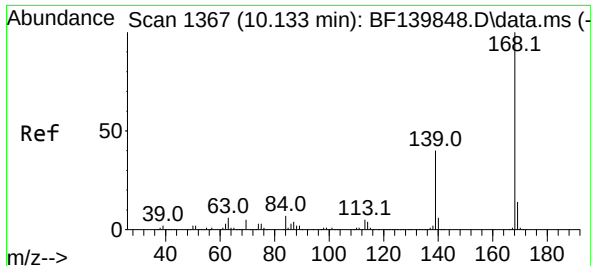
Tgt Ion:138 Resp: 180179
Ion Ratio Lower Upper
138 100
108 11.0 10.2 15.2
92 116.9 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 129.360 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:184 Resp: 253310
Ion Ratio Lower Upper
184 100
63 67.3 84.7 127.1#
154 61.8 338.2 507.2#

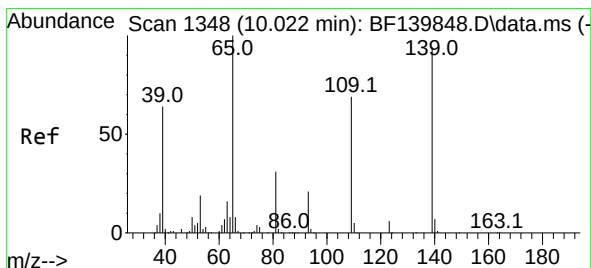
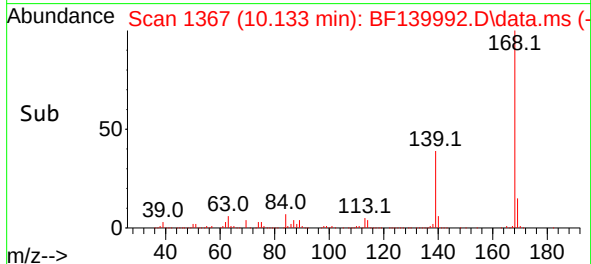
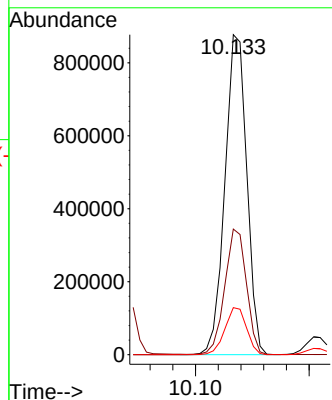
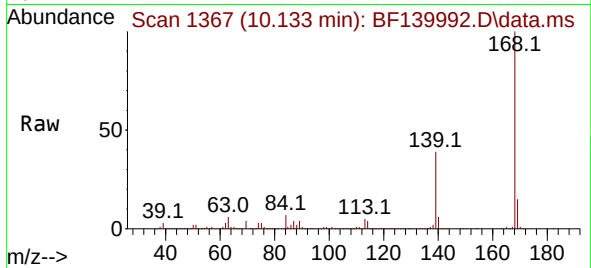




#55
Dibenzofuran
Concen: 46.165 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

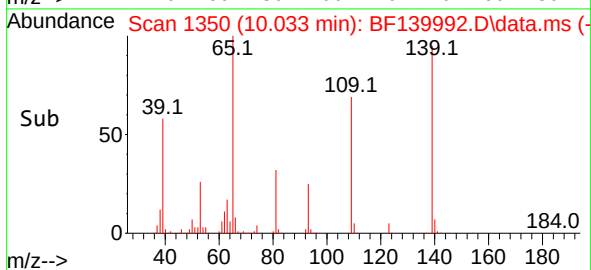
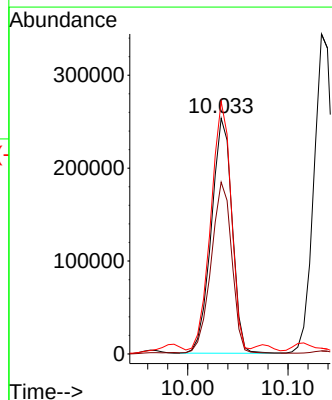
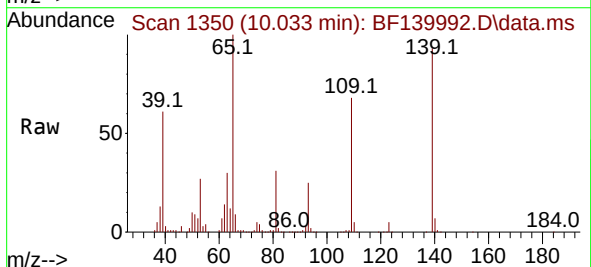
Instrument :
BNA_F
ClientSampleId :
PB164312BS

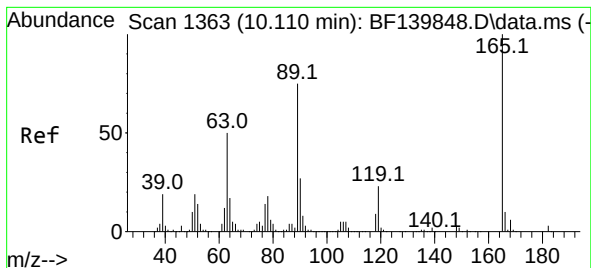
Tgt Ion:168 Resp: 1173942
Ion Ratio Lower Upper
168 100
139 39.3 31.8 47.6
169 14.7 11.6 17.4



#56
4-Nitrophenol
Concen: 100.737 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:139 Resp: 364335
Ion Ratio Lower Upper
139 100
109 72.9 53.6 93.6
65 107.1 87.8 127.8

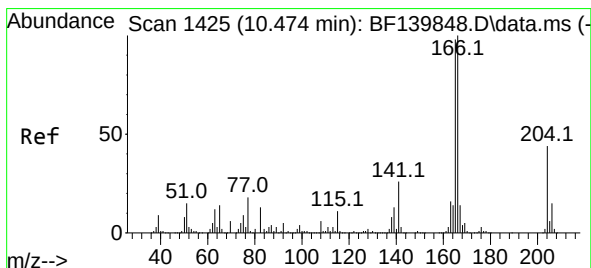
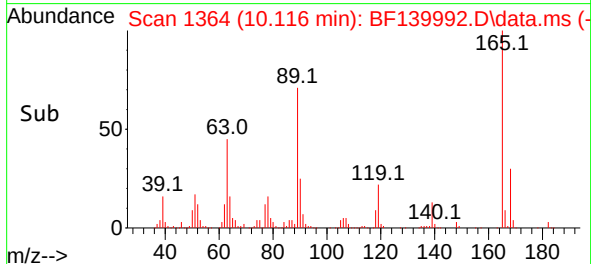
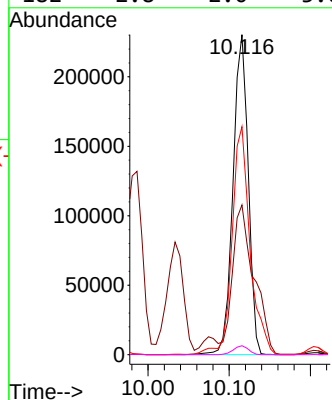
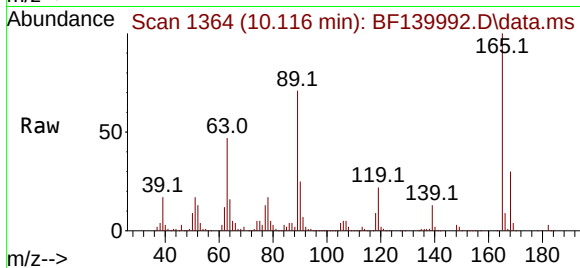




#57
2,4-Dinitrotoluene
Concen: 53.399 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

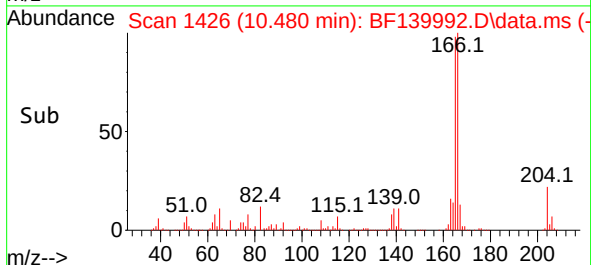
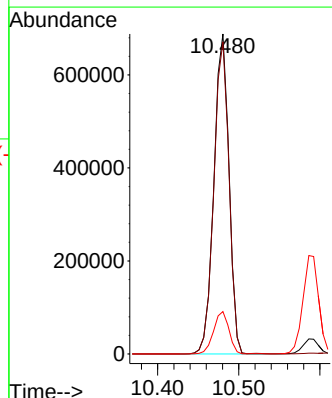
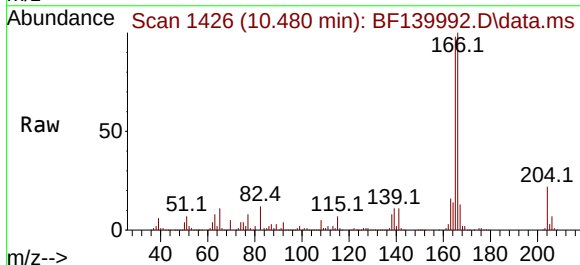
Instrument :
BNA_F
ClientSampleId :
PB164312BS

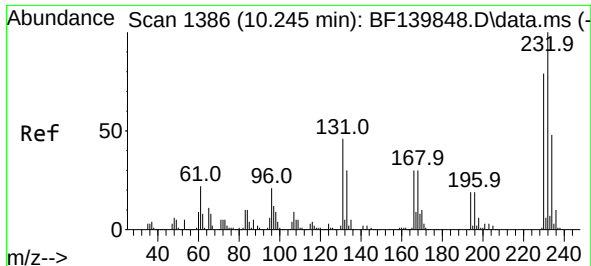
Tgt Ion:165 Resp: 299344
Ion Ratio Lower Upper
165 100
63 46.8 40.1 60.1
89 71.2 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 45.828 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:166 Resp: 887613
Ion Ratio Lower Upper
166 100
165 97.5 78.5 117.7
167 13.2 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.592 ng

RT: 10.251 min Scan# 1387

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

Tgt Ion:232 Resp: 264175

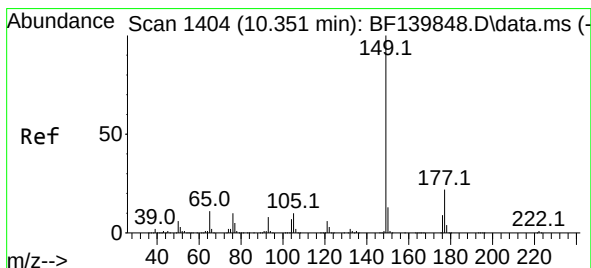
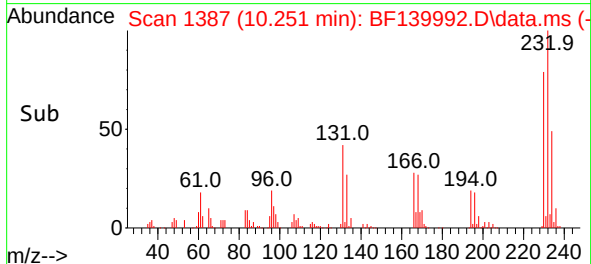
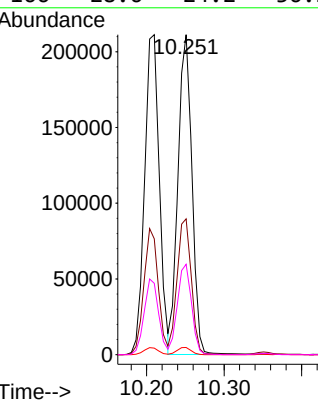
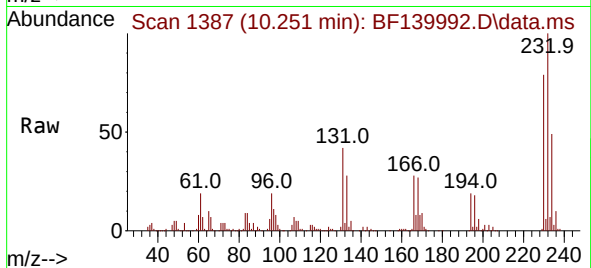
Ion Ratio Lower Upper

232 100

131 43.6 37.0 55.6

130 2.3 1.9 2.9

166 28.6 24.2 36.2



#60

Diethylphthalate

Concen: 45.861 ng

RT: 10.351 min Scan# 1404

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

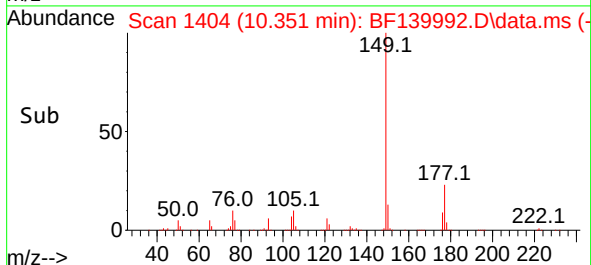
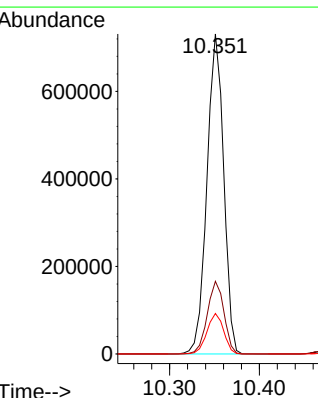
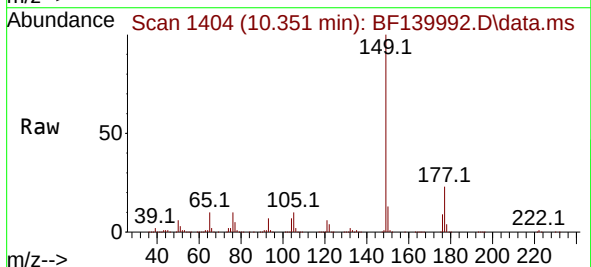
Tgt Ion:149 Resp: 948009

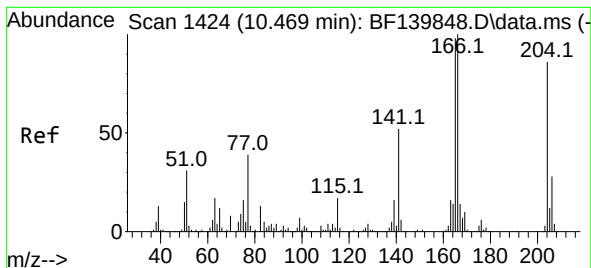
Ion Ratio Lower Upper

149 100

177 22.7 17.9 26.9

150 12.7 10.1 15.1

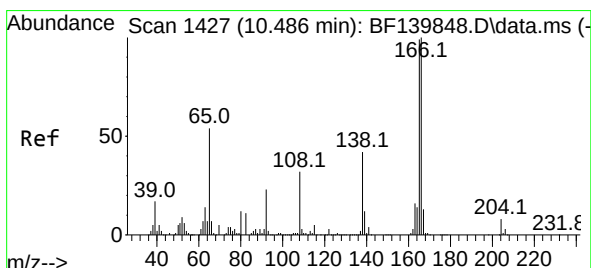
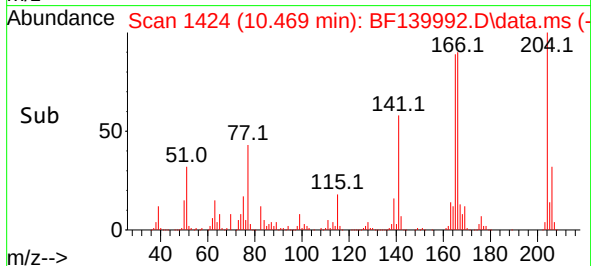
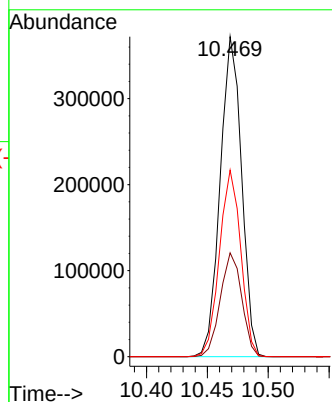
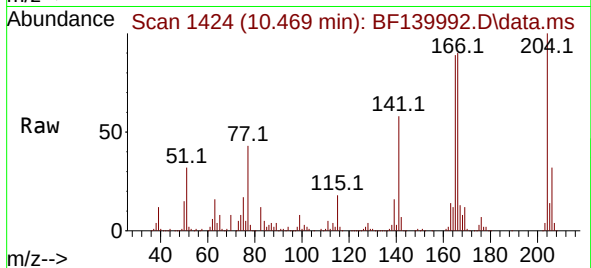




#61
4-Chlorophenyl-phenylether
Concen: 46.650 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

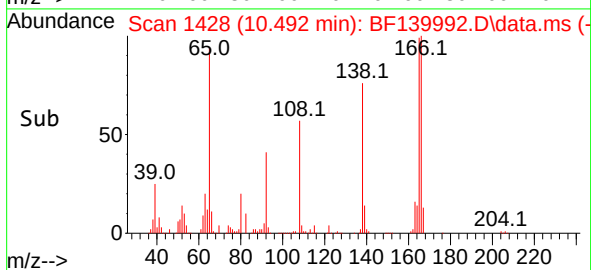
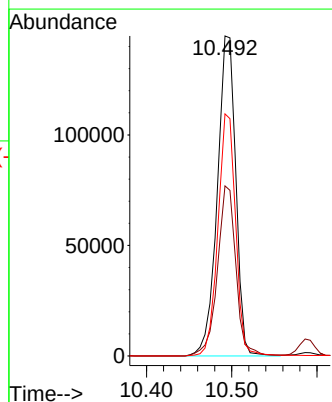
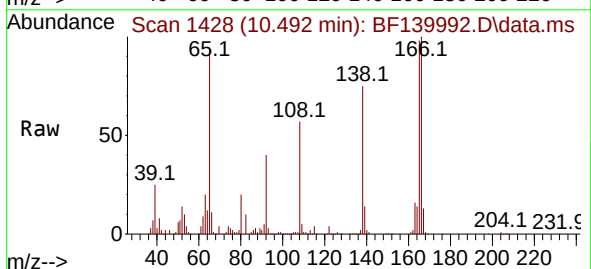
Instrument :
BNA_F
ClientSampleId :
PB164312BS

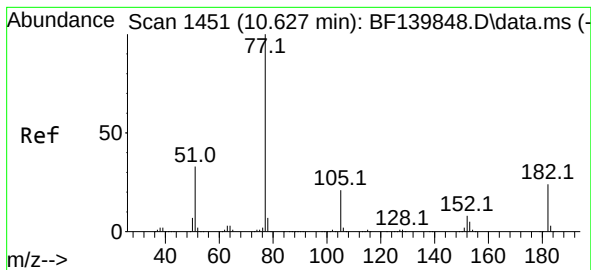
Tgt Ion:204 Resp: 456284
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 58.3 48.6 73.0



#62
4-Nitroaniline
Concen: 49.250 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:138 Resp: 218664
Ion Ratio Lower Upper
138 100
92 53.1 35.7 75.7
108 75.6 57.5 97.5

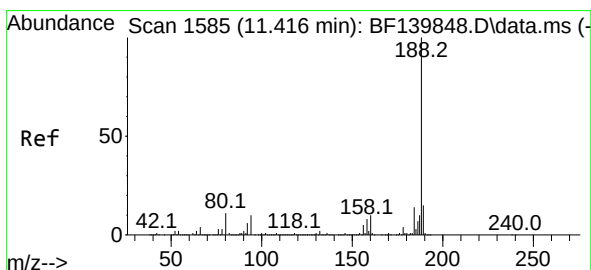
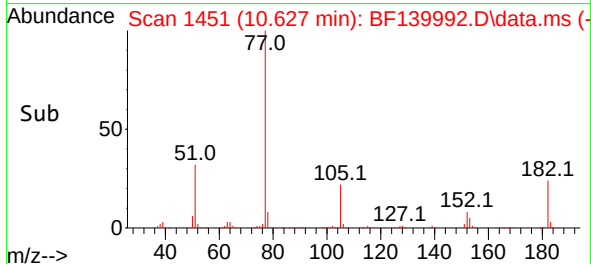
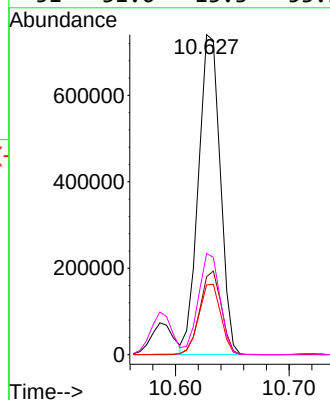
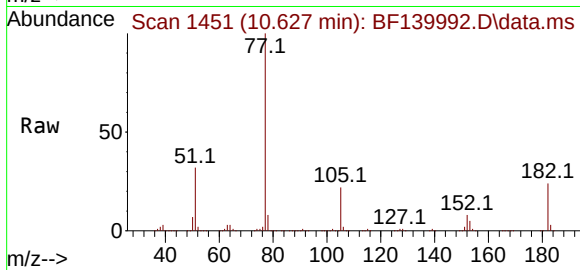




#63
Azobenzene
Concen: 45.159 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

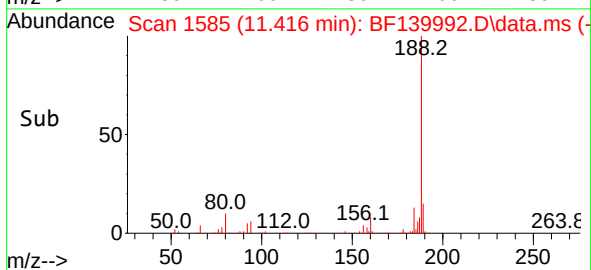
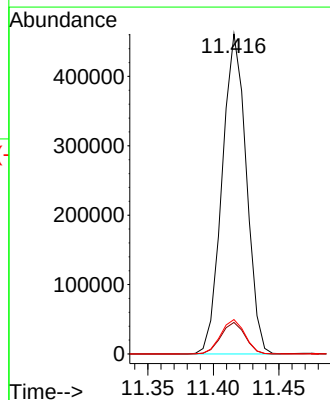
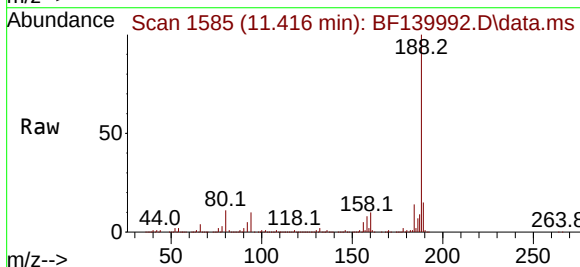
Instrument :
BNA_F
ClientSampleId :
PB164312BS

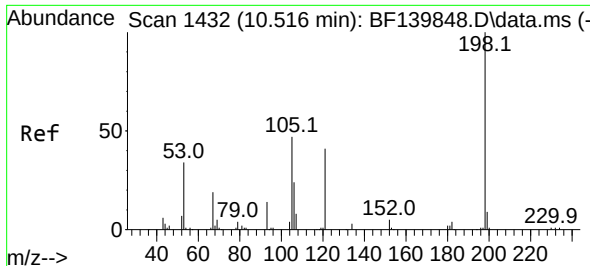
Tgt Ion: 77	Resp: 989662
Ion Ratio	Lower Upper
77 100	
182 24.4	3.3 43.3
105 21.8	1.2 41.2
51 31.6	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:188	Resp: 591954
Ion Ratio	Lower Upper
188 100	
94 9.9	7.9 11.9
80 10.8	9.0 13.4

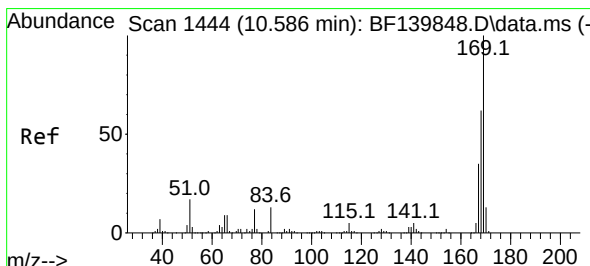
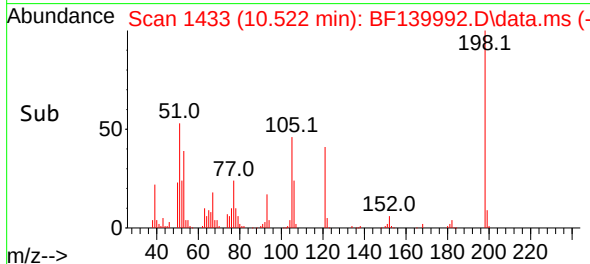
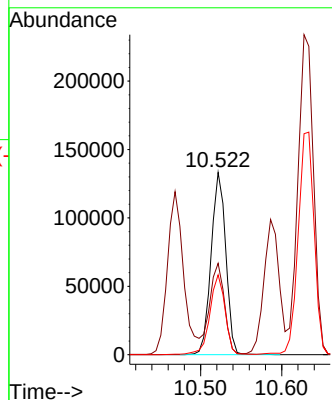
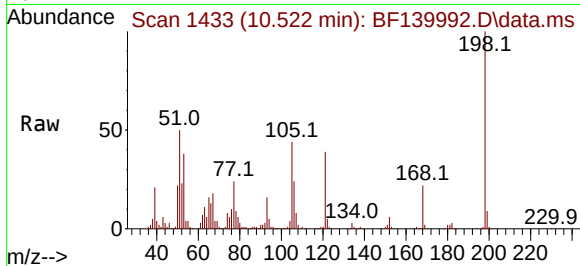




#65
4,6-Dinitro-2-methylphenol
Concen: 69.123 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

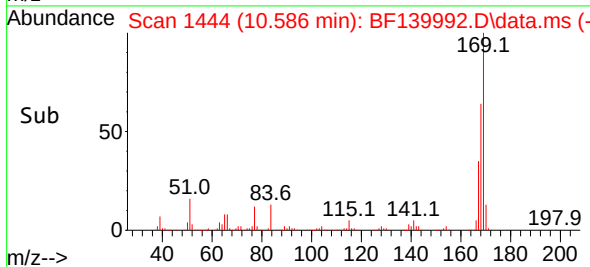
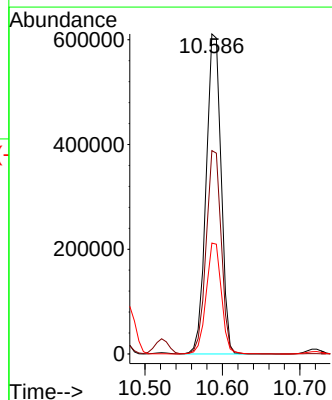
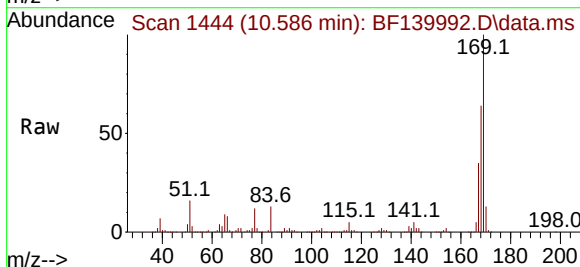
Instrument :
BNA_F
ClientSampleId :
PB164312BS

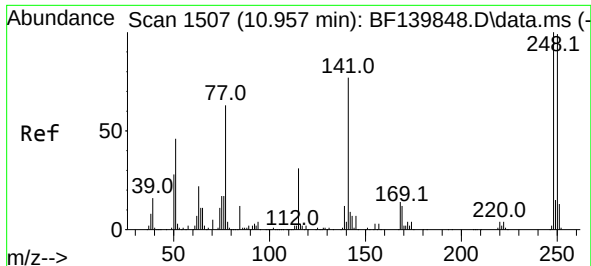
Tgt Ion:198 Resp: 166902
Ion Ratio Lower Upper
198 100
51 50.1 38.2 78.2
105 43.8 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 46.233 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:169 Resp: 819107
Ion Ratio Lower Upper
169 100
168 63.6 49.8 74.6
167 34.6 28.0 42.0

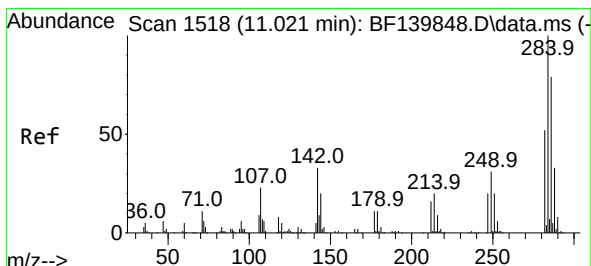
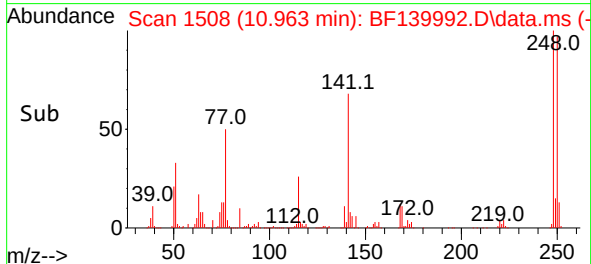
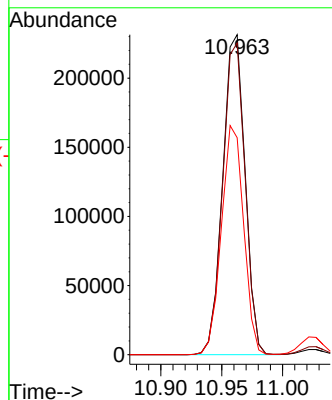
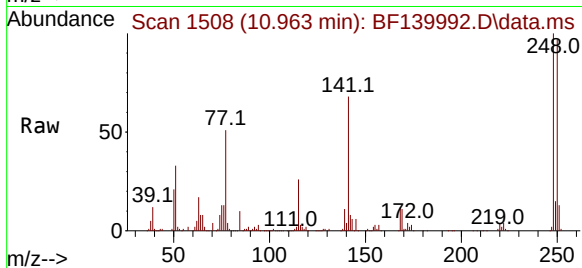




#67
4-Bromophenyl-phenylether
Concen: 48.648 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

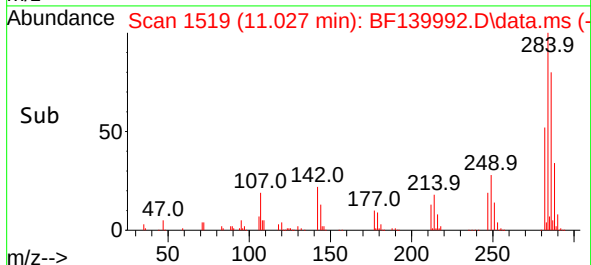
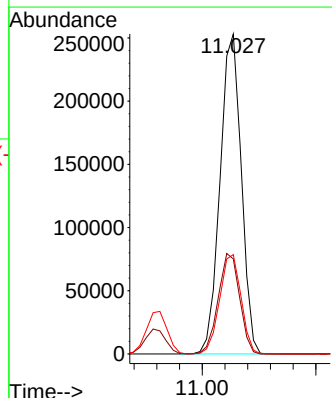
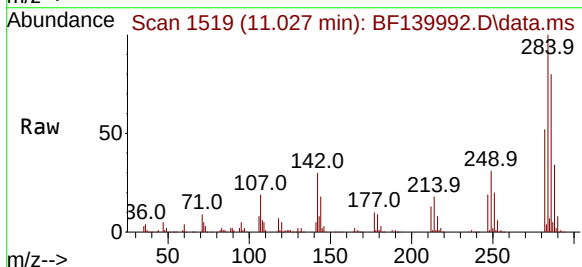
Instrument :
BNA_F
ClientSampleId :
PB164312BS

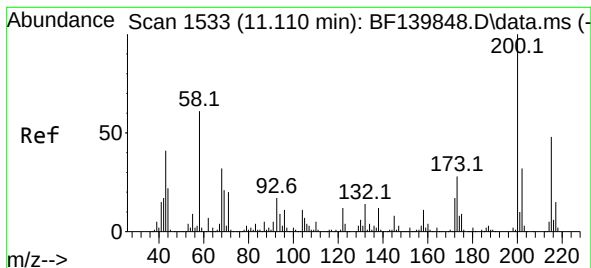
Tgt Ion:248 Resp: 296668
Ion Ratio Lower Upper
248 100
250 97.4 79.0 118.6
141 67.8 61.7 92.5



#68
Hexachlorobenzene
Concen: 47.870 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:284 Resp: 328315
Ion Ratio Lower Upper
284 100
142 29.7 26.9 40.3
249 31.1 25.3 37.9





#69

Atrazine

Concen: 55.466 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

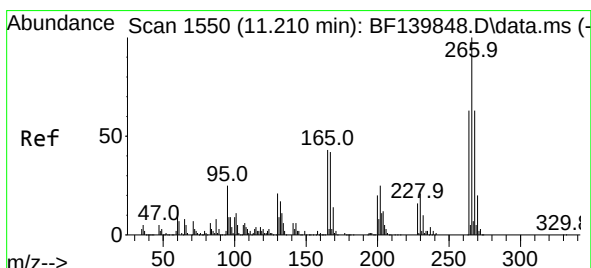
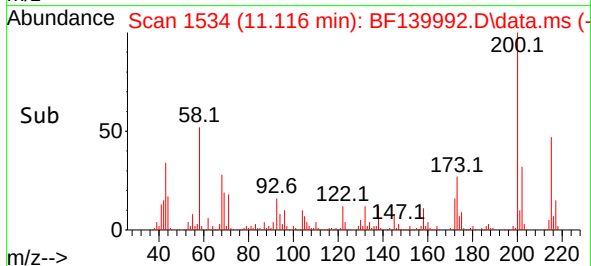
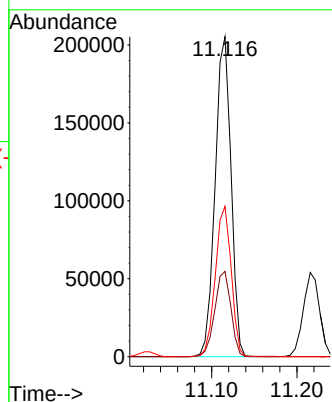
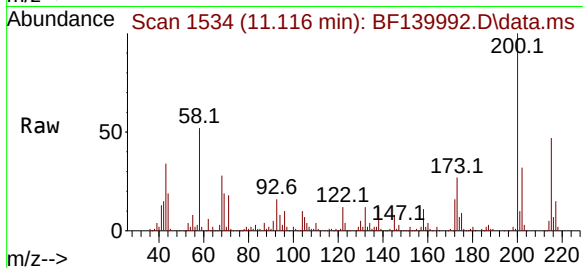
Tgt Ion:200 Resp: 266196

Ion Ratio Lower Upper

200 100

173 26.6 7.7 47.7

215 47.0 27.7 67.7



#70

Pentachlorophenol

Concen: 96.904 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

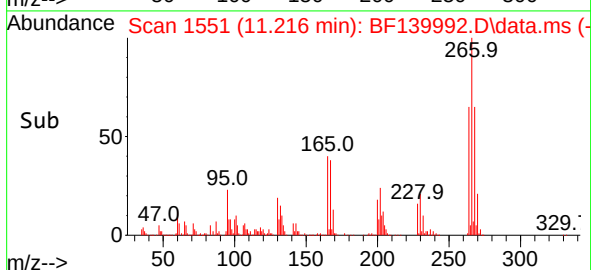
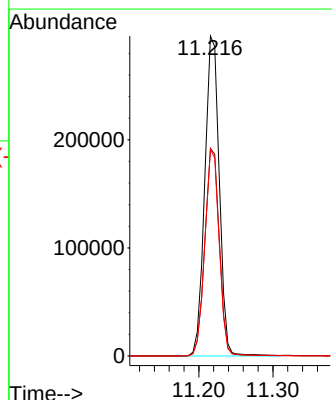
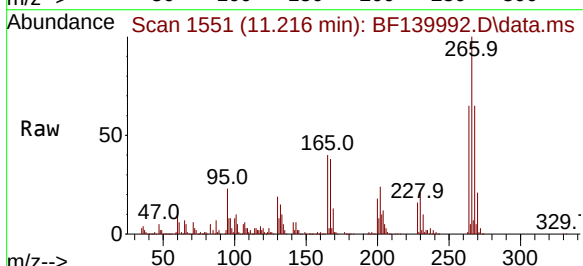
Tgt Ion:266 Resp: 403359

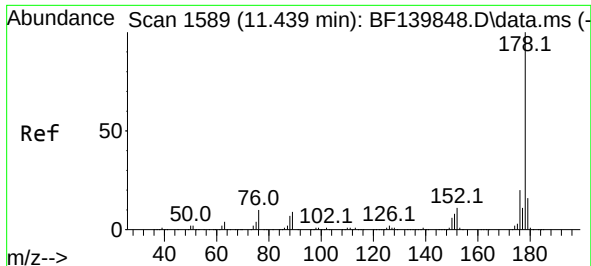
Ion Ratio Lower Upper

266 100

268 64.9 50.4 75.6

264 64.6 50.6 75.8

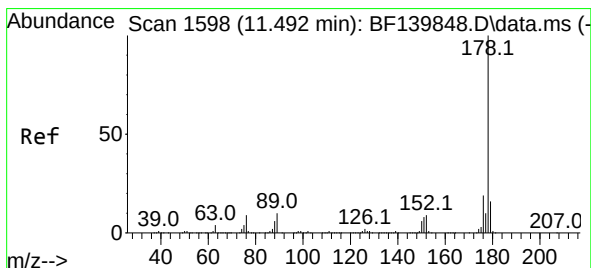
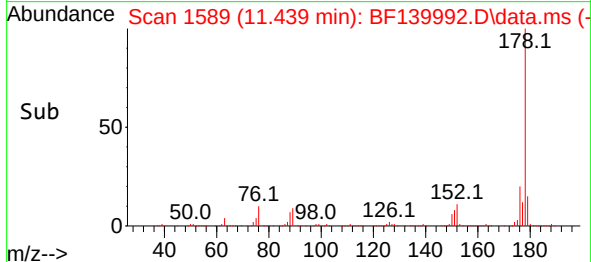
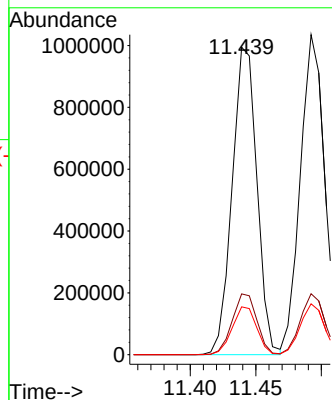
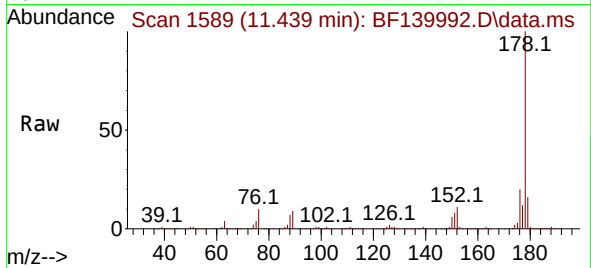




#71
Phenanthrene
Concen: 46.868 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

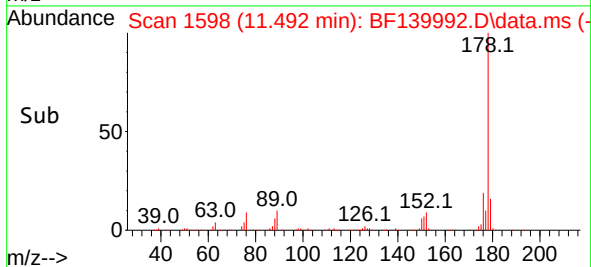
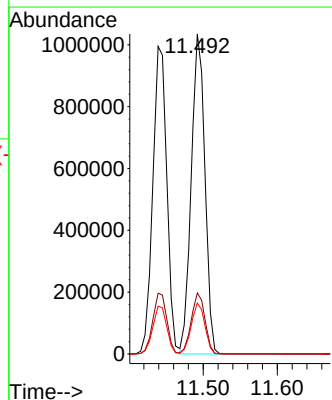
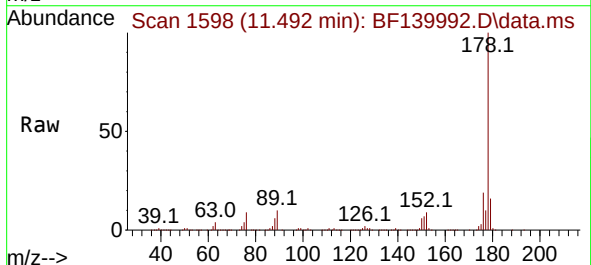
Instrument :
BNA_F
ClientSampleId :
PB164312BS

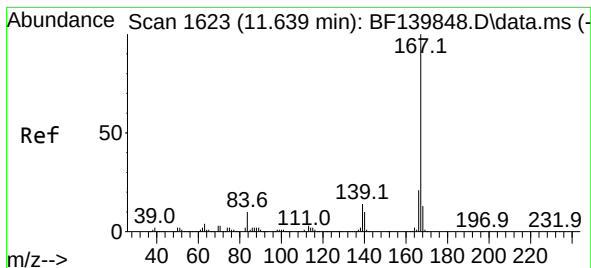
Tgt Ion:178 Resp: 1310493
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.5 12.6 18.8



#72
Anthracene
Concen: 48.475 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:178 Resp: 1322483
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.9 12.4 18.6





#73

Carbazole

Concen: 44.618 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

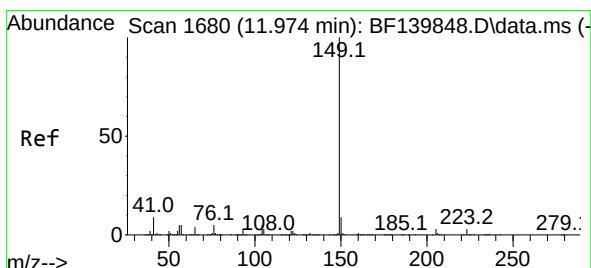
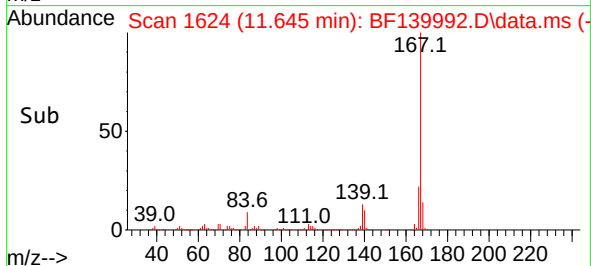
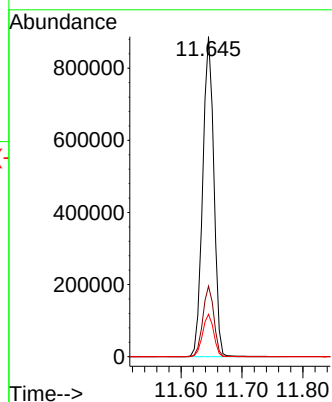
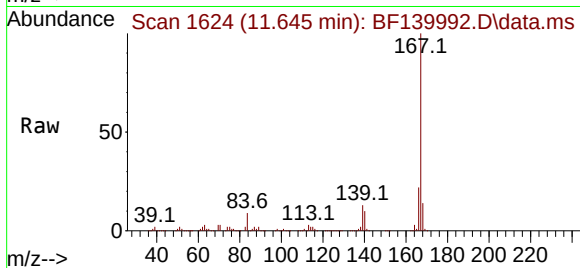
Tgt Ion:167 Resp: 1132071

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.6

139 13.3 10.8 16.2



#74

Di-n-butylphthalate

Concen: 46.055 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

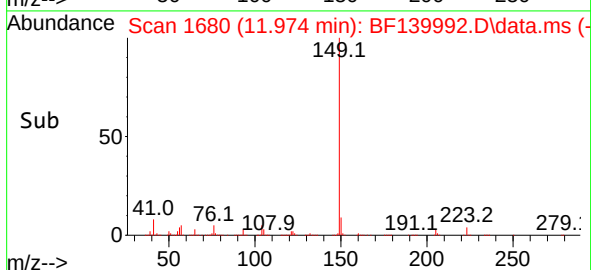
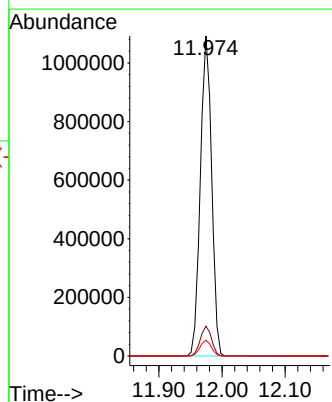
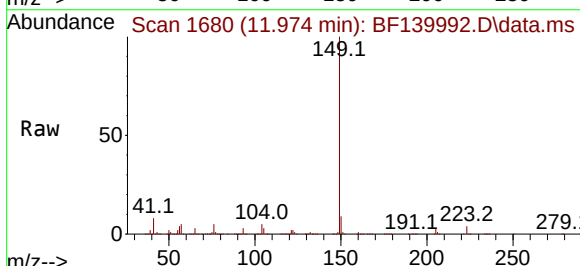
Tgt Ion:149 Resp: 1350031

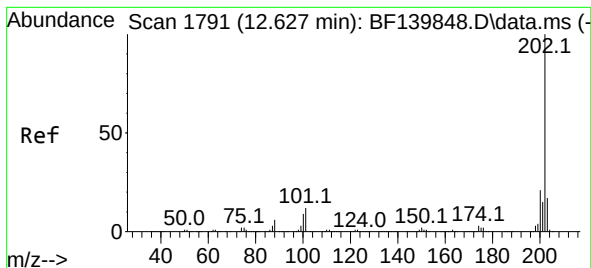
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 44.631 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

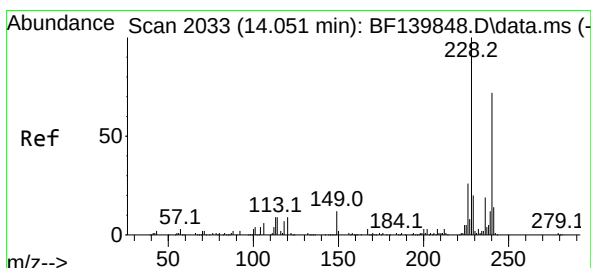
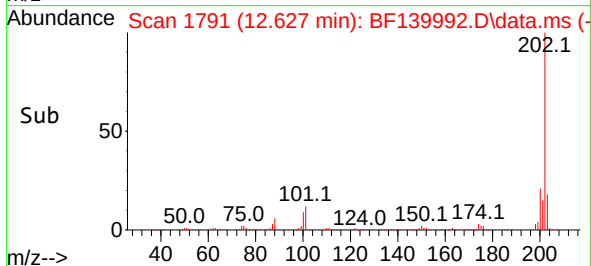
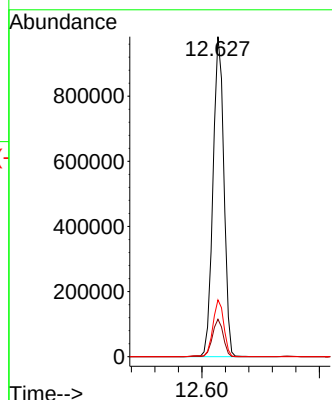
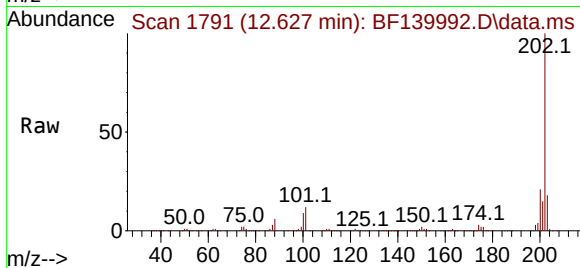
Tgt Ion:202 Resp: 1261587

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.9

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

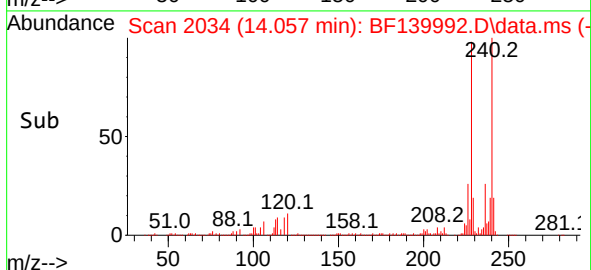
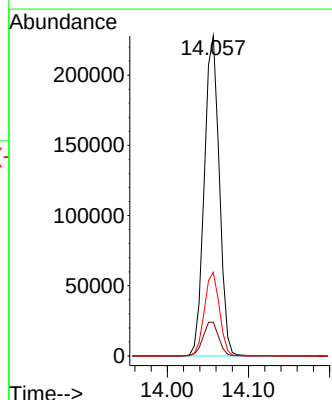
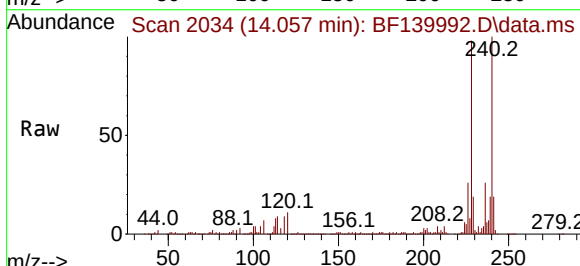
Tgt Ion:240 Resp: 292113

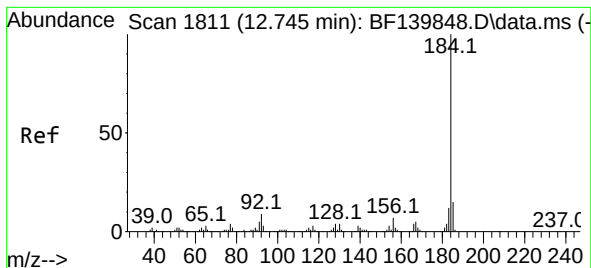
Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 26.1 20.9 31.3





#77

Benzidine

Concen: 69.588 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

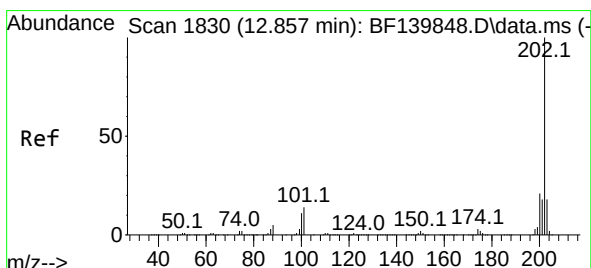
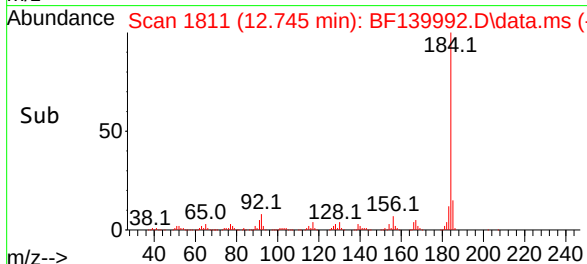
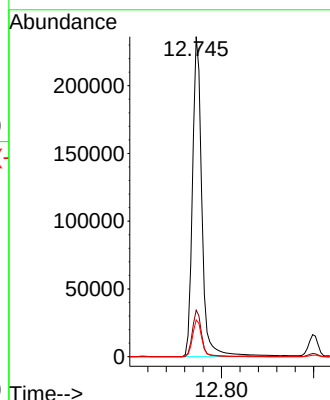
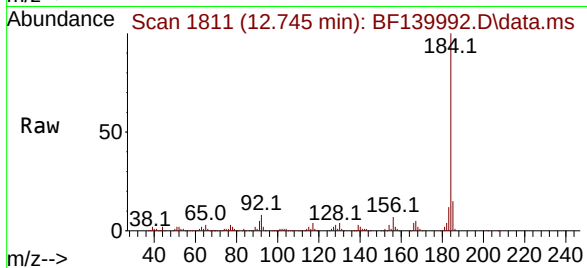
Tgt Ion:184 Resp: 334255

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 11.5 9.4 14.2



#78

Pyrene

Concen: 49.250 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

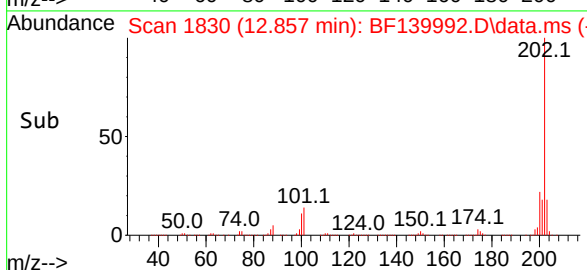
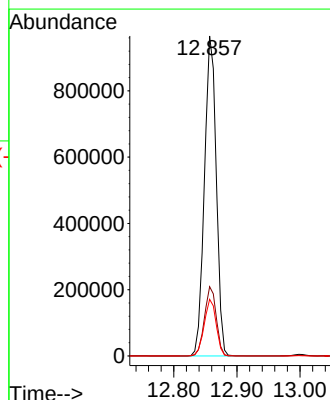
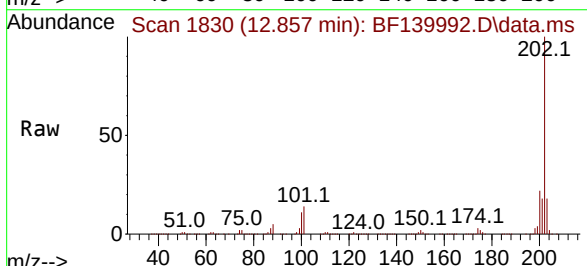
Tgt Ion:202 Resp: 1259310

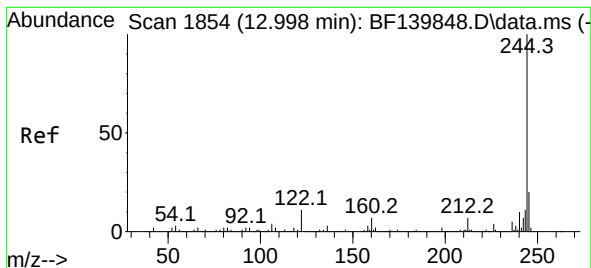
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 104.940 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

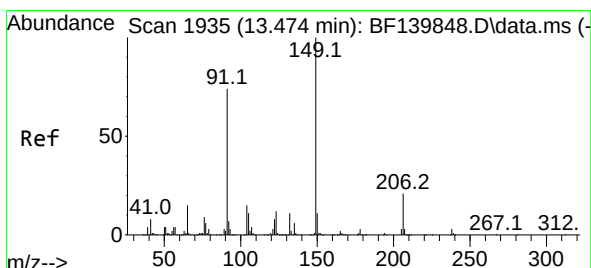
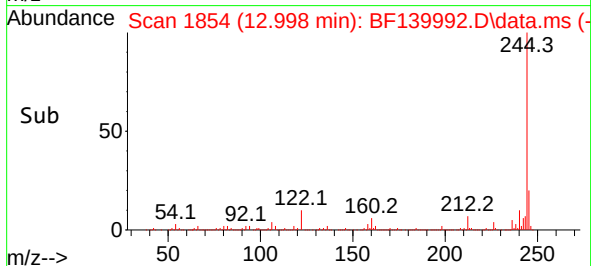
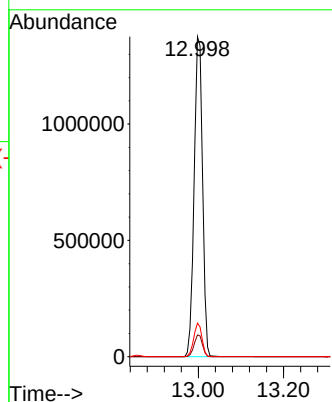
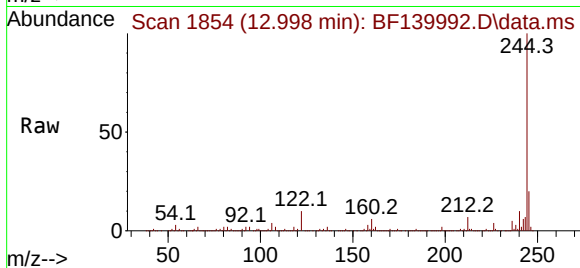
Tgt Ion:244 Resp: 1881226

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.5 8.6 13.0



#80

Butylbenzylphthalate

Concen: 51.518 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

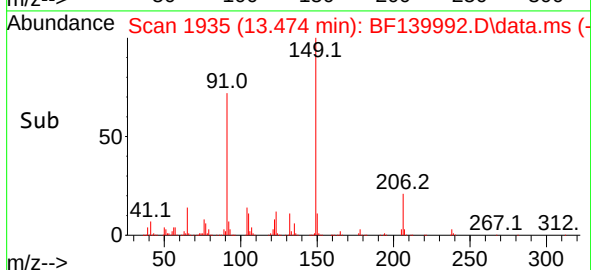
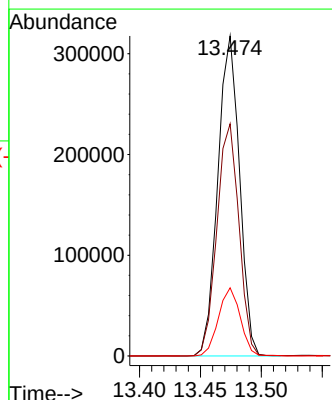
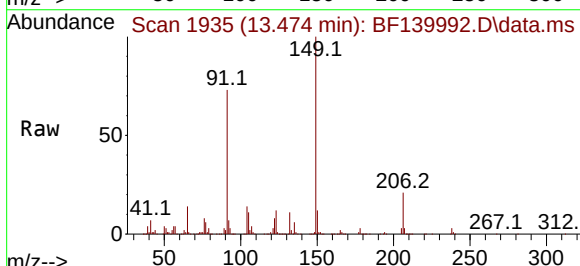
Tgt Ion:149 Resp: 394925

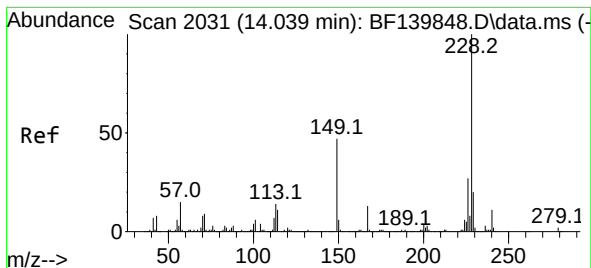
Ion Ratio Lower Upper

149 100

91 72.5 59.4 89.2

206 21.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 48.312 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

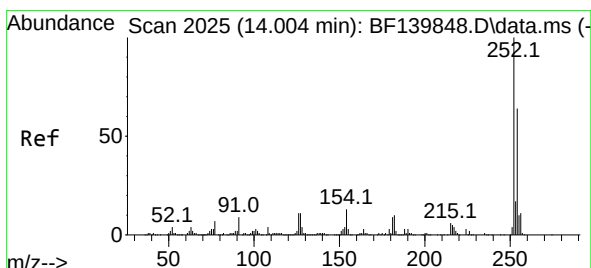
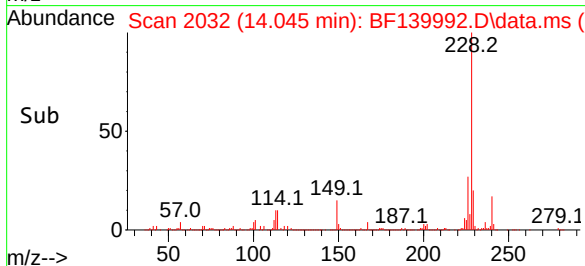
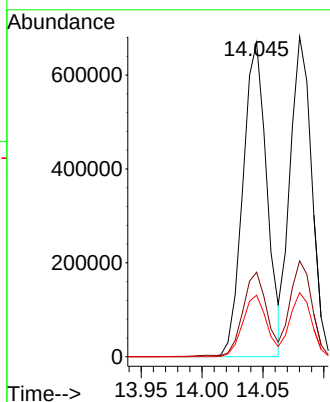
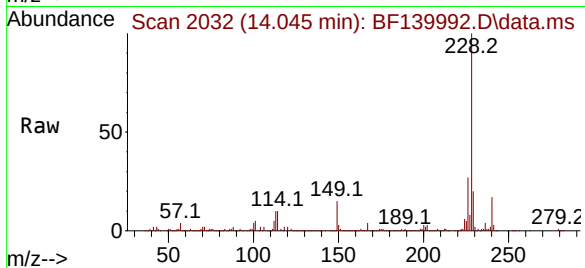
Tgt Ion:228 Resp: 918683

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.6 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 44.296 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

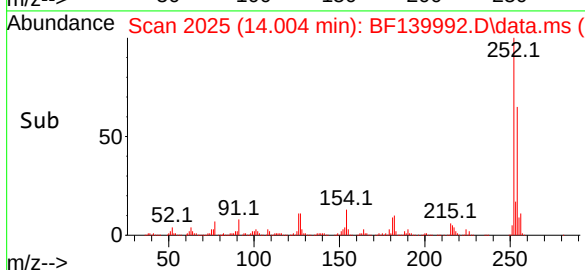
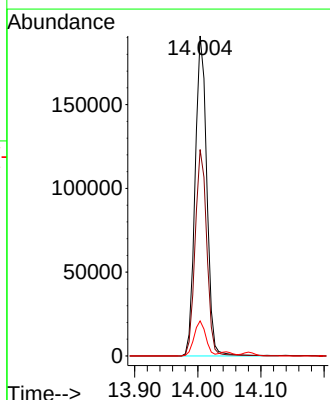
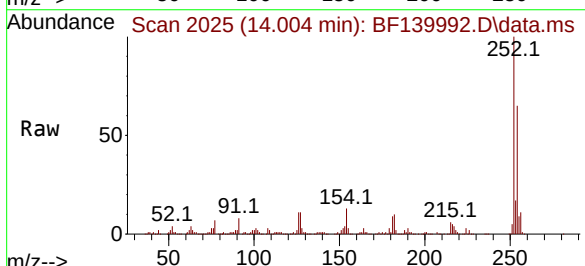
Tgt Ion:252 Resp: 245591

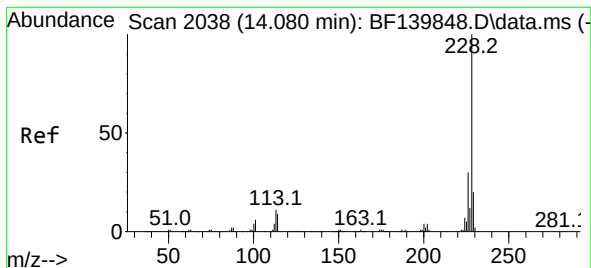
Ion Ratio Lower Upper

252 100

254 64.5 50.8 76.2

126 11.0 8.9 13.3





#83

Chrysene

Concen: 48.440 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

PB164312BS

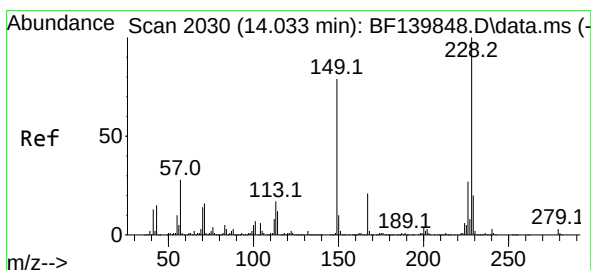
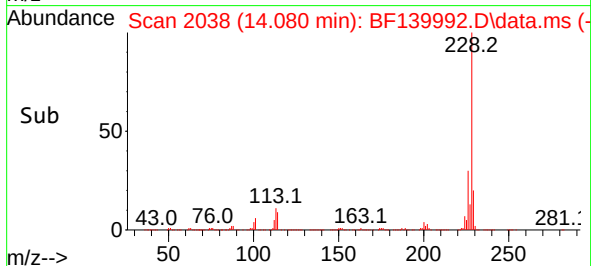
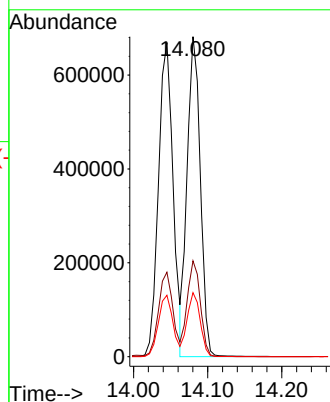
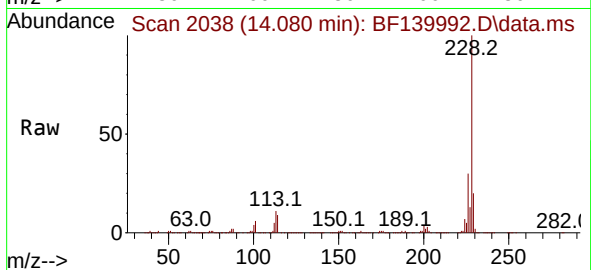
Tgt Ion:228 Resp: 844559

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.414 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139992.D

Acq: 24 Oct 2024 10:52

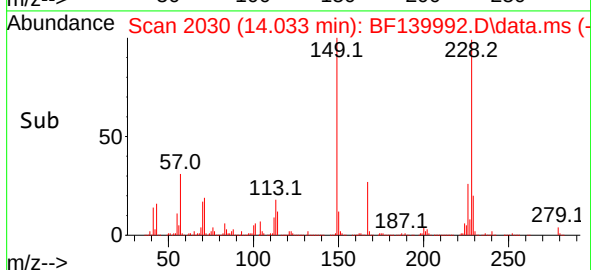
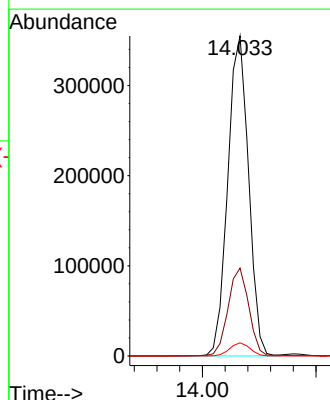
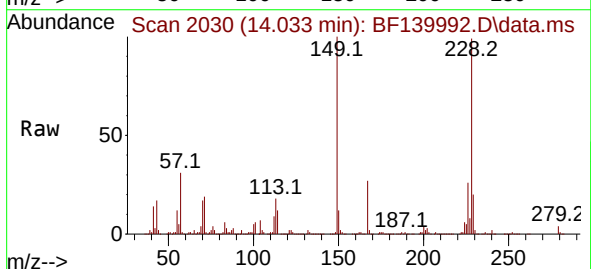
Tgt Ion:149 Resp: 450798

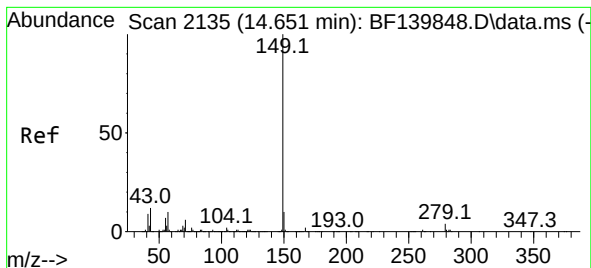
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

279 4.1 3.0 4.4

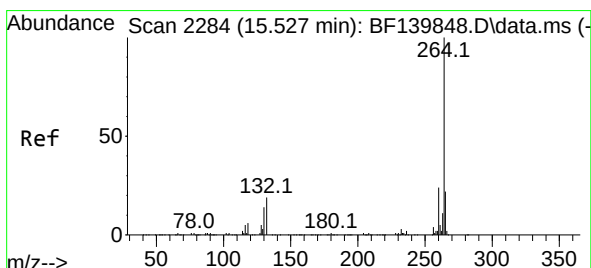
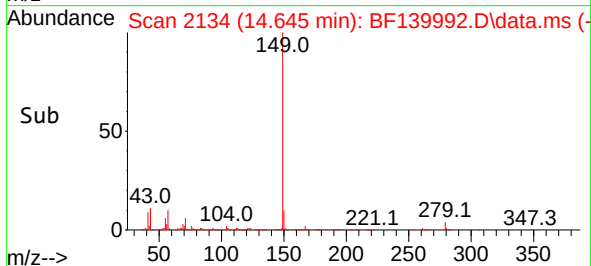
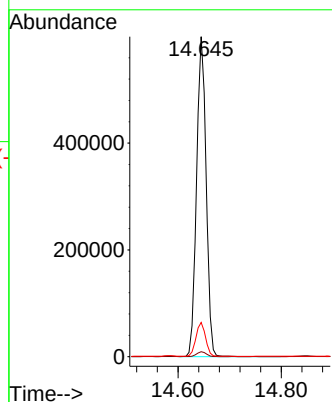
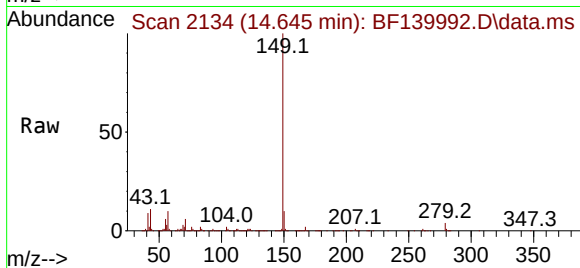




#85
Di-n-octyl phthalate
Concen: 49.299 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

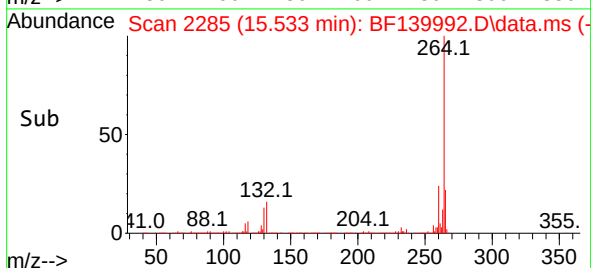
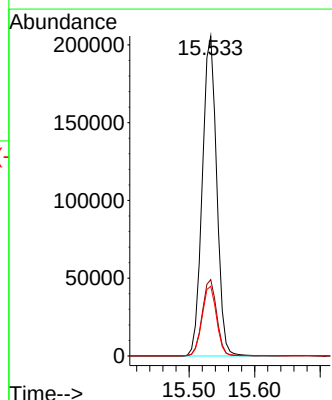
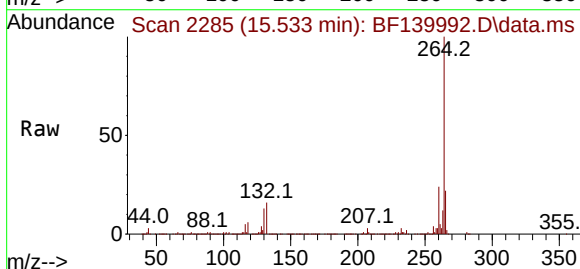
Instrument :
BNA_F
ClientSampleId :
PB164312BS

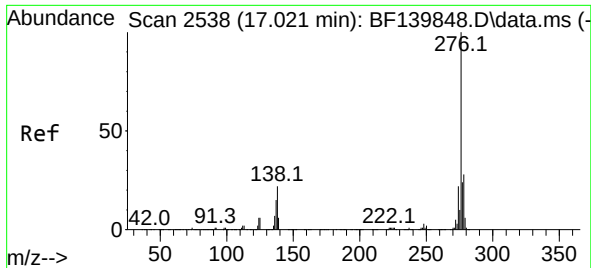
Tgt Ion:149 Resp: 771205
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.6 9.8 14.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:264 Resp: 314861
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 21.8 17.4 26.0

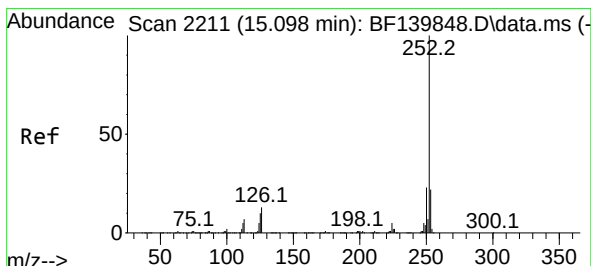
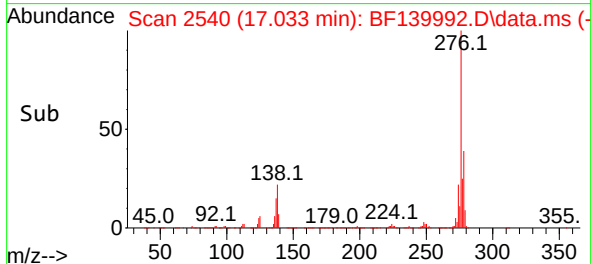
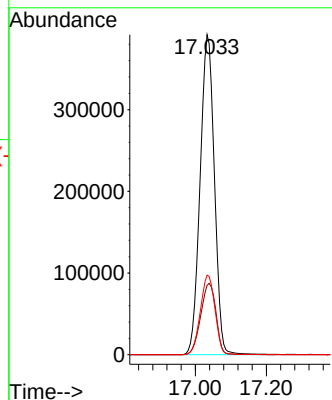
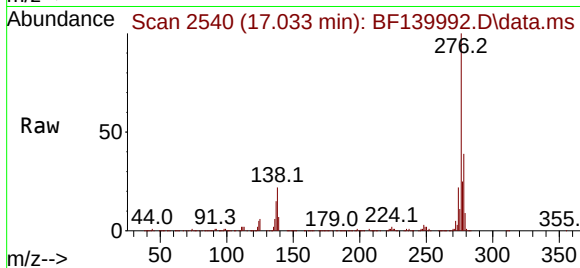




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.221 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

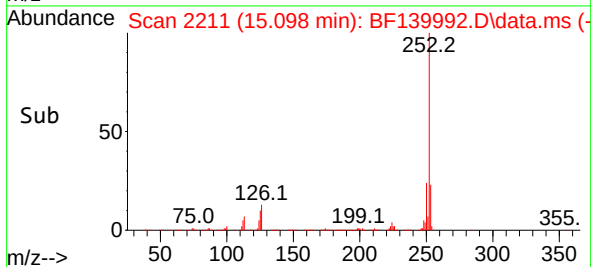
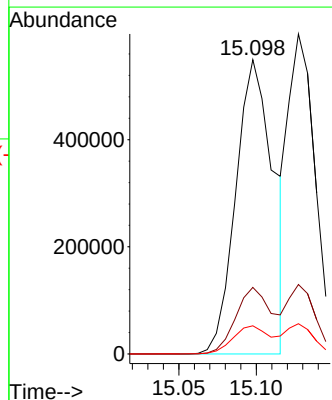
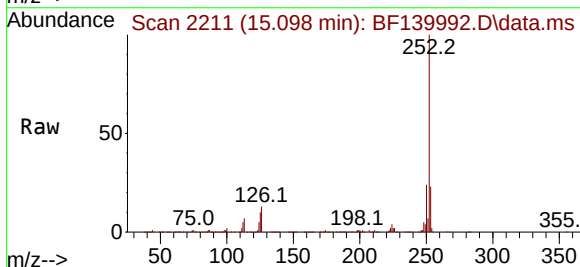
Instrument :
BNA_F
ClientSampleId :
PB164312BS

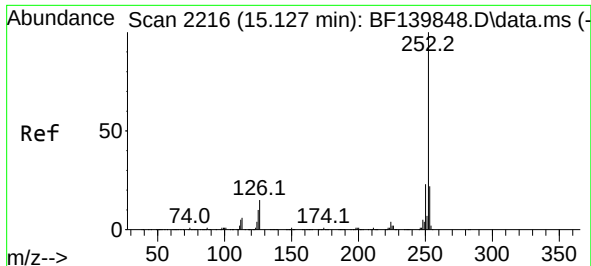
Tgt Ion:276 Resp: 1098295
Ion Ratio Lower Upper
276 100
138 23.8 20.4 30.6
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 48.069 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:252 Resp: 921966
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 9.6 7.9 11.9

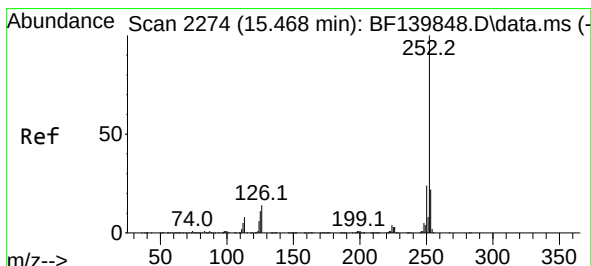
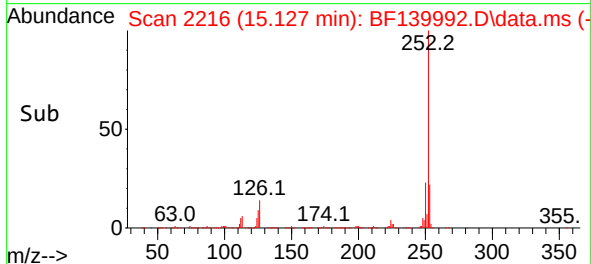
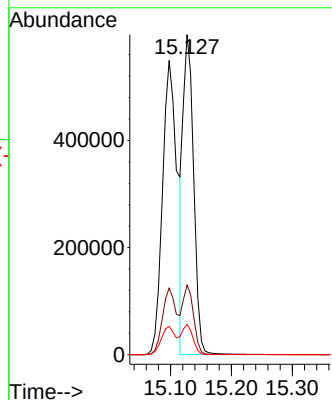
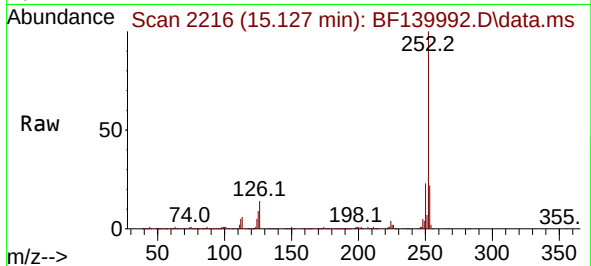




#89
Benzo(k)fluoranthene
Concen: 43.795 ng
RT: 15.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

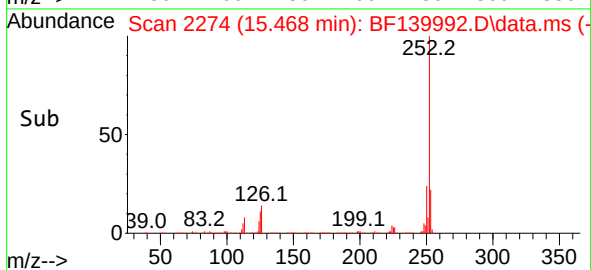
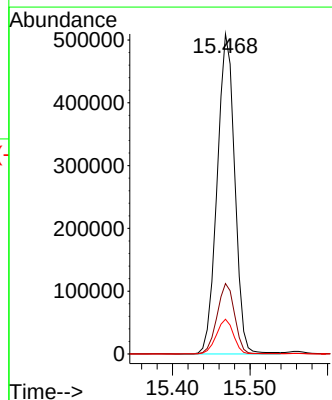
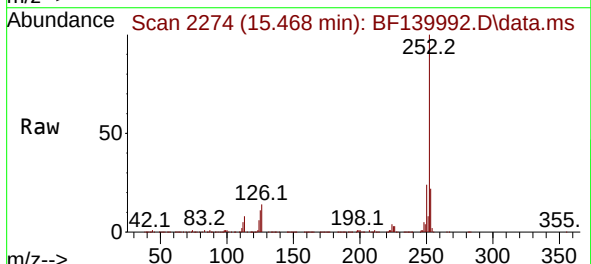
Instrument :
BNA_F
ClientSampleId :
PB164312BS

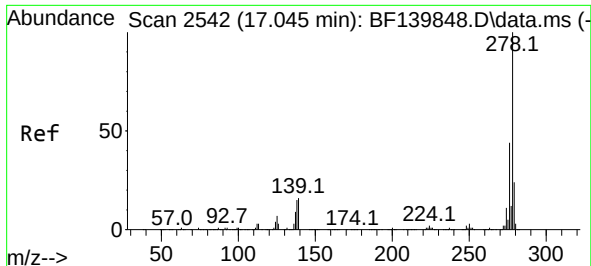
Tgt Ion:252 Resp: 724415
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.4 7.9 11.9



#90
Benzo(a)pyrene
Concen: 50.915 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:252 Resp: 803529
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.8 8.7 13.1

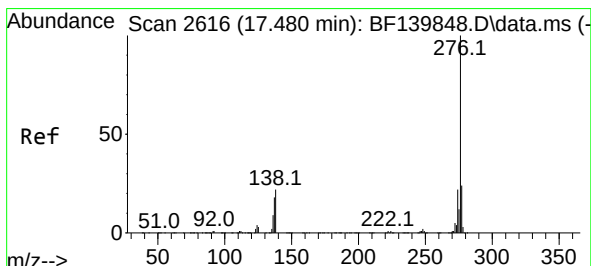
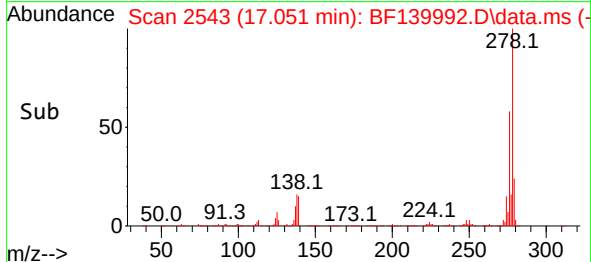
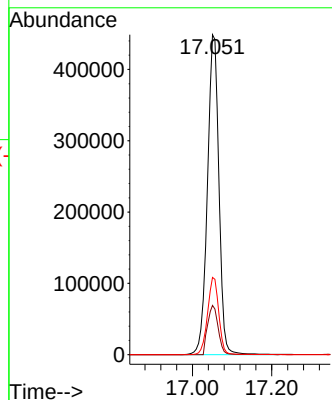
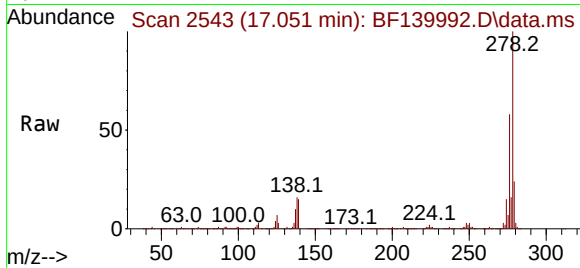




#91
Dibenzo(a,h)anthracene
Concen: 53.475 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Instrument :
BNA_F
ClientSampleId :
PB164312BS

Tgt Ion:278 Resp: 903618
Ion Ratio Lower Upper
278 100
139 15.4 13.1 19.7
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 50.669 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF139992.D
Acq: 24 Oct 2024 10:52

Tgt Ion:276 Resp: 855224
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.8 17.4 26.0

