

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139202.D
 Acq On : 28 Aug 2024 11:38
 Operator : RC/JU
 Sample : PB163034BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163034BSD

Quant Time: Aug 28 12:29:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	105164	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	395427	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	218164	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	395038	20.000	ng	0.00
76) Chrysene-d12	14.051	240	193809	20.000	ng	0.00
86) Perylene-d12	15.521	264	187033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	612233	97.825	ng	0.02
7) Phenol-d6	6.522	99	800166	93.160	ng	0.00
23) Nitrobenzene-d5	7.457	82	785861	110.101	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	219863	117.670	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1311147	93.355	ng	0.00
79) Terphenyl-d14	12.998	244	1347470	108.483	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	108502	36.660	ng	98
3) Pyridine	3.522	79	293912	39.958	ng	98
4) n-Nitrosodimethylamine	3.487	42	190306	44.441	ng	96
6) Aniline	6.551	93	328800	40.838	ng	92
8) 2-Chlorophenol	6.675	128	323058	54.332	ng	99
9) Benzaldehyde	6.440	77	25756	4.791	ng	99
10) Phenol	6.534	94	439081	50.653	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	324959	47.579	ng	99
12) 1,3-Dichlorobenzene	6.834	146	348562	44.454	ng	99
13) 1,4-Dichlorobenzene	6.910	146	355192	45.151	ng	100
14) 1,2-Dichlorobenzene	7.063	146	339112	45.816	ng	98
15) Benzyl Alcohol	7.034	79	341041	52.678	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	479204	48.400	ng	99
17) 2-Methylphenol	7.146	107	274650	50.669	ng	99
18) Hexachloroethane	7.404	117	127908	51.392	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	264857	51.557	ng	99
20) 3+4-Methylphenols	7.298	107	345199	49.926	ng	97
22) Acetophenone	7.304	105	465602	45.826	ng	99
24) Nitrobenzene	7.475	77	398115	47.881	ng	96
25) Isophorone	7.716	82	711016	50.373	ng	100
26) 2-Nitrophenol	7.793	139	160916	59.767	ng	98
27) 2,4-Dimethylphenol	7.828	122	302150	72.223	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	399132	48.841	ng	100
29) 2,4-Dichlorophenol	8.028	162	279528	54.132	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	304642	45.748	ng	99
31) Naphthalene	8.198	128	925097	45.753	ng	100
32) Benzoic acid	7.945	122	198469	53.987	ng	98
33) 4-Chloroaniline	8.240	127	181345	26.026	ng	99
34) Hexachlorobutadiene	8.310	225	194329	44.908	ng	99
35) Caprolactam	8.610	113	49428	31.202	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	308098	52.023	ng	99
37) 2-Methylnaphthalene	8.887	142	591930	46.699	ng	98
38) 1-Methylnaphthalene	8.987	142	552231	44.575	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	299159	46.231	ng	98
41) Hexachlorocyclopentadiene	9.040	237	410655	197.633	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	209677	57.950	ng	99

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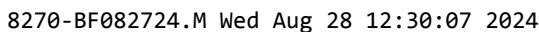
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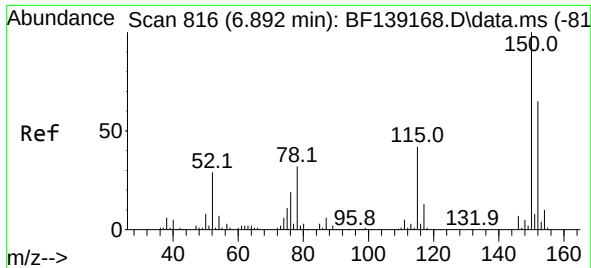
Quant Time: Aug 28 12:29:17 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	216170	56.997	ng	98
46) 1,1'-Biphenyl	9.351	154	745616	47.217	ng	100
47) 2-Chloronaphthalene	9.375	162	586615	46.564	ng	98
48) 2-Nitroaniline	9.469	65	207561	55.009	ng	97
49) Acenaphthylene	9.792	152	894874	50.411	ng	100
50) Dimethylphthalate	9.651	163	694072	55.074	ng	100
51) 2,6-Dinitrotoluene	9.710	165	153547	55.959	ng	92
52) Acenaphthene	9.963	154	650721	55.802	ng	100
53) 3-Nitroaniline	9.881	138	106972	39.731	ng	95
54) 2,4-Dinitrophenol	9.986	184	169255	109.329	ng	# 48
55) Dibenzofuran	10.134	168	829838	48.760	ng	99
56) 4-Nitrophenol	10.039	139	257665	109.890	ng	98
57) 2,4-Dinitrotoluene	10.116	165	200941	57.411	ng	95
58) Fluorene	10.475	166	649223	48.353	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	187011	61.523	ng	99
60) Diethylphthalate	10.351	149	658383	55.478	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	320467	48.634	ng	98
62) 4-Nitroaniline	10.498	138	144318	51.715	ng	97
63) Azobenzene	10.628	77	723378	50.141	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	107485	63.201	ng	93
66) n-Nitrosodiphenylamine	10.586	169	563456	48.161	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	203565	48.498	ng	99
68) Hexachlorobenzene	11.022	284	218339	48.066	ng	99
69) Atrazine	11.116	200	180535	70.747	ng	99
70) Pentachlorophenol	11.216	266	274506	102.930	ng	99
71) Phenanthrene	11.439	178	969096	48.546	ng	100
72) Anthracene	11.492	178	967869	49.738	ng	100
73) Carbazole	11.645	167	822196	47.232	ng	100
74) Di-n-butylphthalate	11.975	149	914192	60.594	ng	100
75) Fluoranthene	12.628	202	937525	48.394	ng	99
77) Benzidine	12.745	184	105216	32.172	ng	99
78) Pyrene	12.851	202	914365	50.226	ng	100
80) Butylbenzylphthalate	13.475	149	239346	62.503	ng	100
81) Benzo(a)anthracene	14.039	228	628151	48.916	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	149055	49.854	ng	100
83) Chrysene	14.074	228	569951	49.203	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	275070	63.368	ng	98
85) Di-n-octyl phthalate	14.645	149	522438	58.475	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	689061	53.881	ng	100
88) Benzo(b)fluoranthene	15.092	252	575818	52.630	ng	99
89) Benzo(k)fluoranthene	15.121	252	556895	56.300	ng	99
90) Benzo(a)pyrene	15.457	252	505638	54.448	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	577395	55.085	ng	98
92) Benzo(g,h,i)perylene	17.457	276	567774	52.368	ng	98

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

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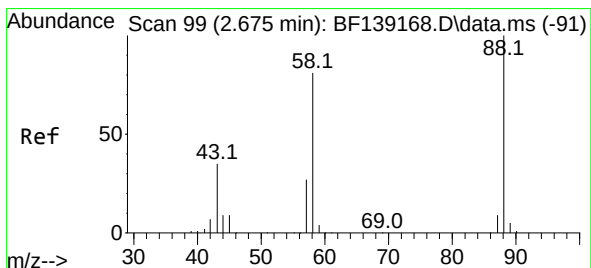
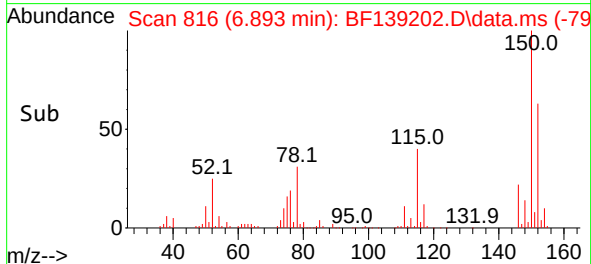
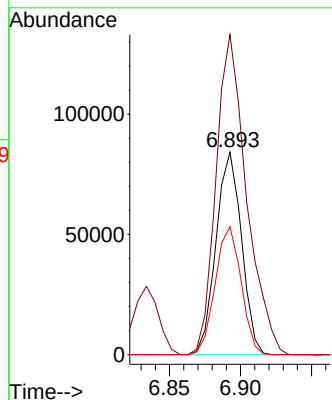
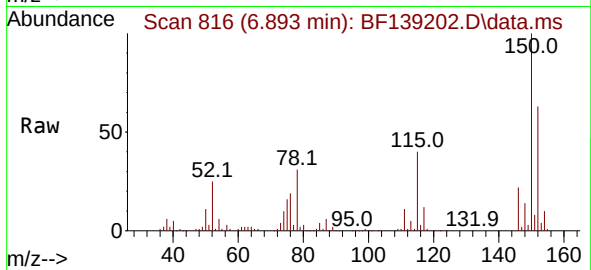




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF139202.D
 Acq: 28 Aug 2024 11:38

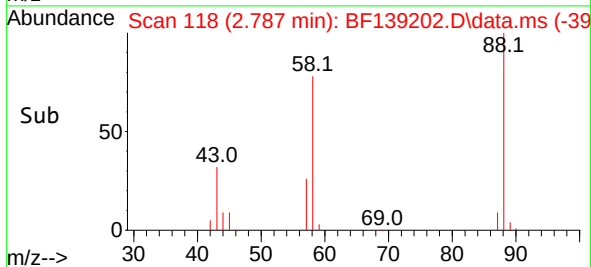
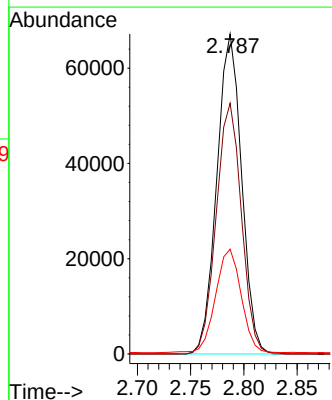
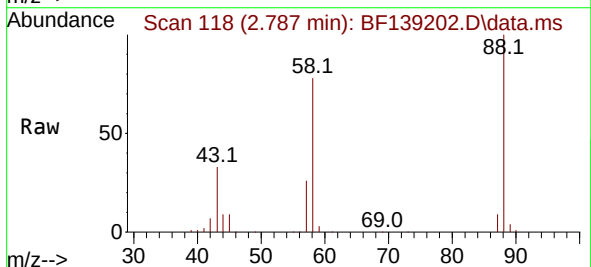
Instrument :
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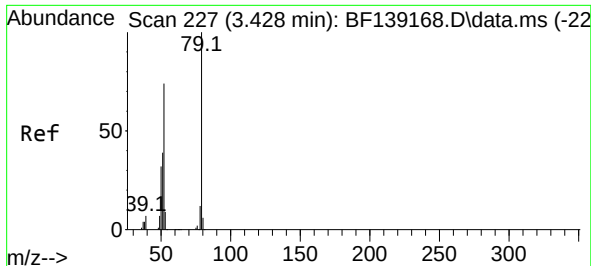
Tgt Ion:152 Resp: 105164
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.7 185.5
 115 63.2 51.8 77.8



#2
 1,4-Dioxane
 Concen: 36.660 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.112 min
 Lab File: BF139202.D
 Acq: 28 Aug 2024 11:38

Tgt Ion: 88 Resp: 108502
 Ion Ratio Lower Upper
 88 100
 58 79.7 65.0 97.6
 43 33.4 28.4 42.6





#3

Pyridine

Concen: 39.958 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

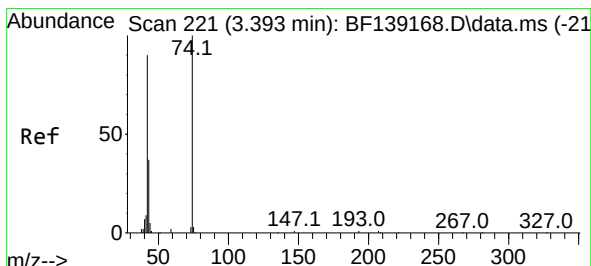
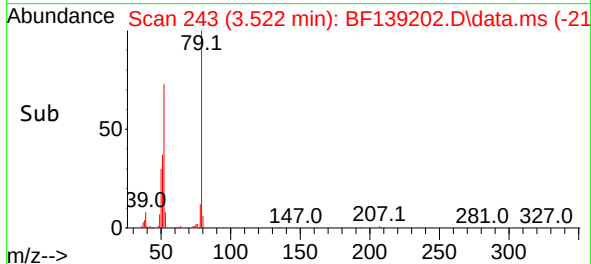
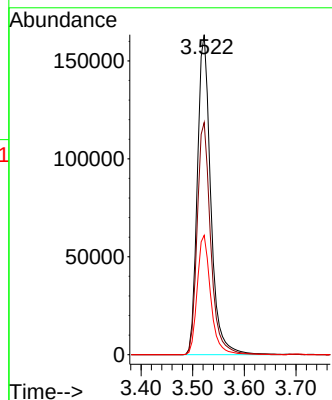
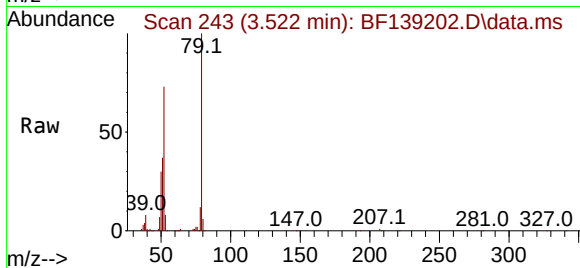
Tgt Ion: 79 Resp: 293912

Ion Ratio Lower Upper

79 100

52 72.6 59.5 89.3

51 37.3 31.4 47.0



#4

n-Nitrosodimethylamine

Concen: 44.441 ng

RT: 3.487 min Scan# 237

Delta R.T. 0.094 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

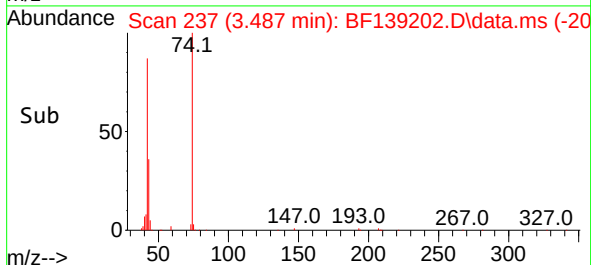
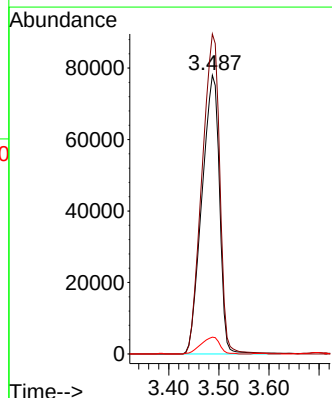
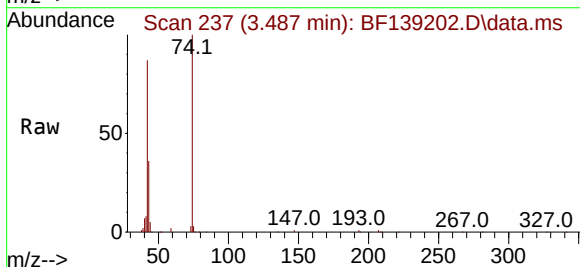
Tgt Ion: 42 Resp: 190306

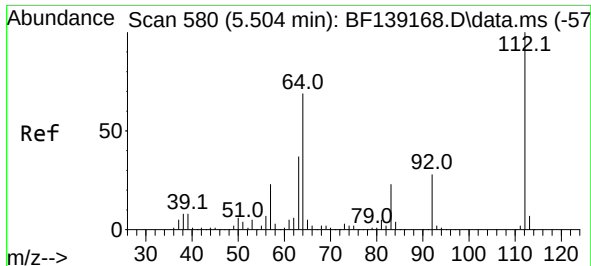
Ion Ratio Lower Upper

42 100

74 114.8 88.6 132.8

44 6.1 5.0 7.4

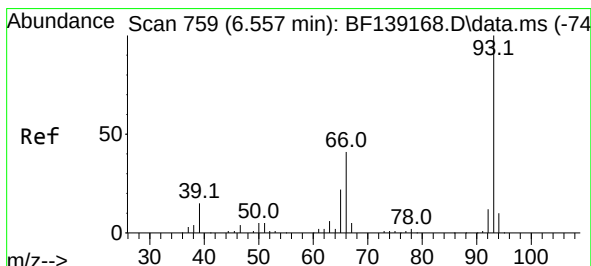
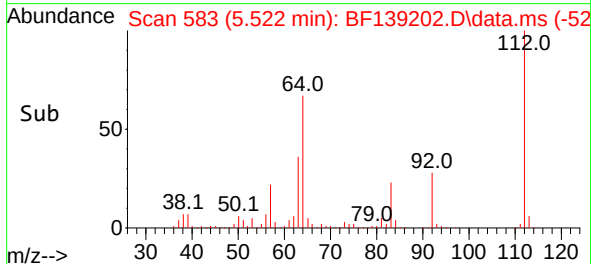
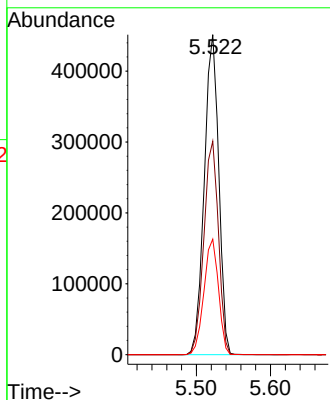
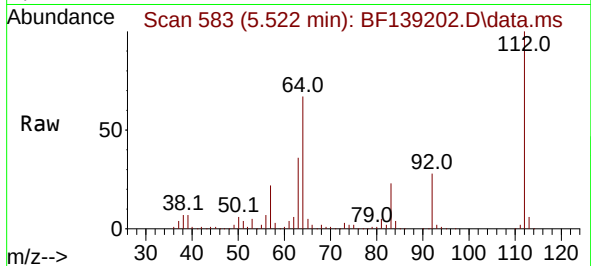




#5
2-Fluorophenol
Concen: 97.825 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

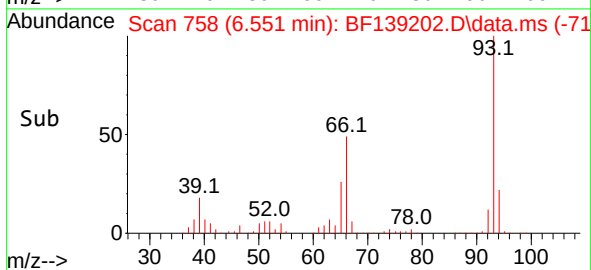
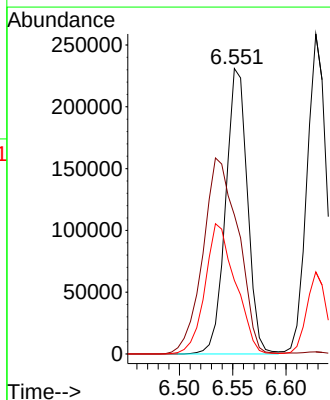
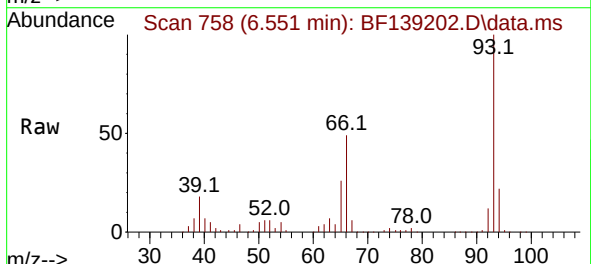
Instrument :
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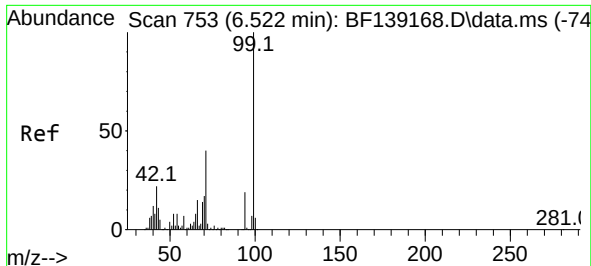
Tgt Ion:112 Resp: 612233
Ion Ratio Lower Upper
112 100
64 66.7 55.5 83.3
63 36.1 29.8 44.6



#6
Aniline
Concen: 40.838 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.036 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion: 93 Resp: 328800
Ion Ratio Lower Upper
93 100
66 48.7 35.0 52.4
65 25.8 17.2 25.8

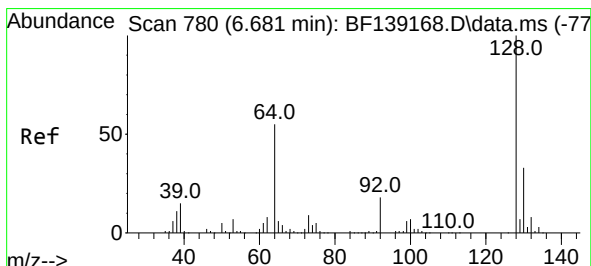
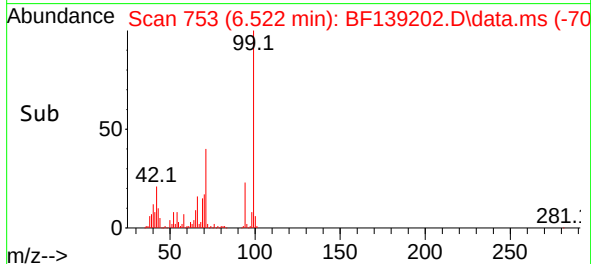
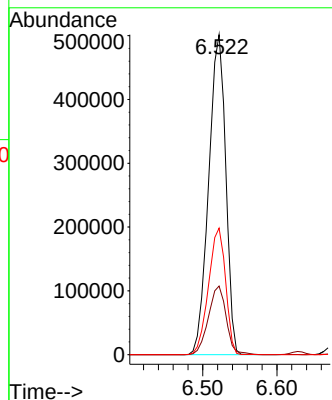
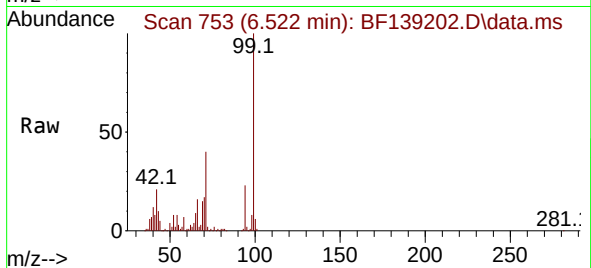




#7
Phenol-d6
Concen: 93.160 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

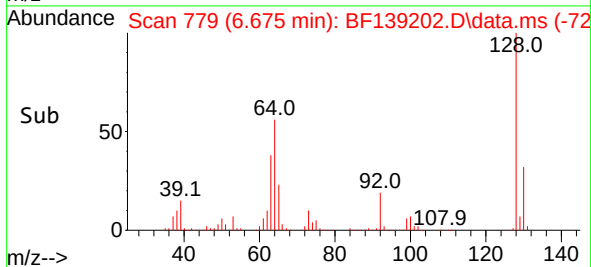
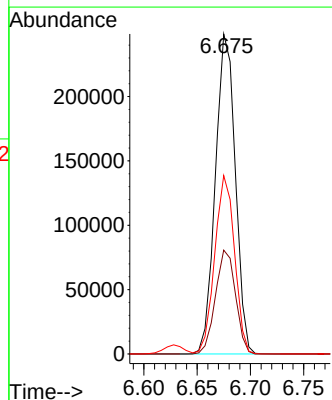
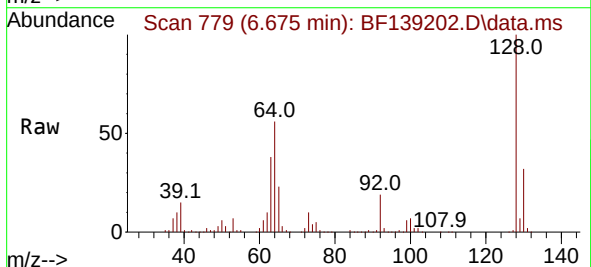
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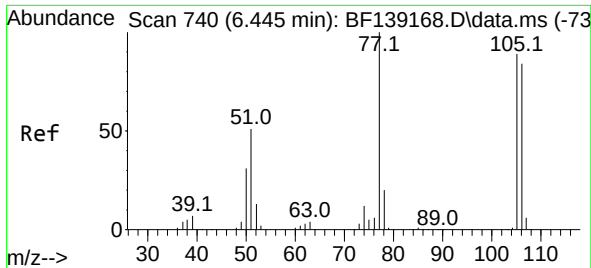
Tgt Ion: 99 Resp: 800166
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 39.6 31.7 47.5



#8
2-Chlorophenol
Concen: 54.332 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion: 128 Resp: 323058
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 55.8 37.3 77.3





#9

Benzaldehyde

Concen: 4.791 ng

RT: 6.440 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

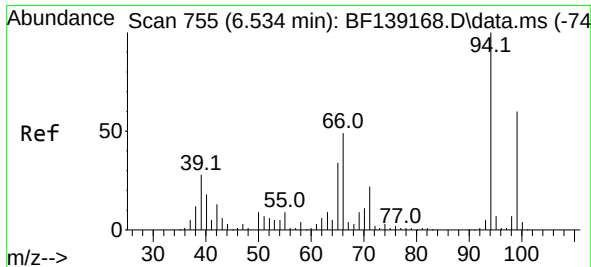
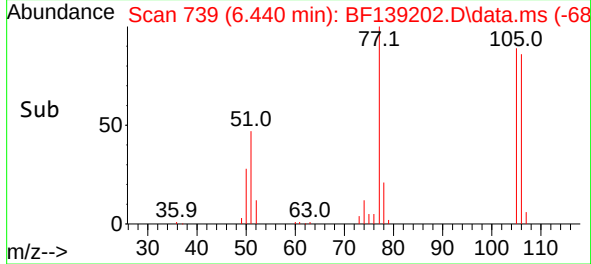
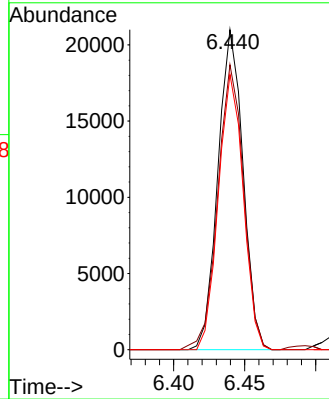
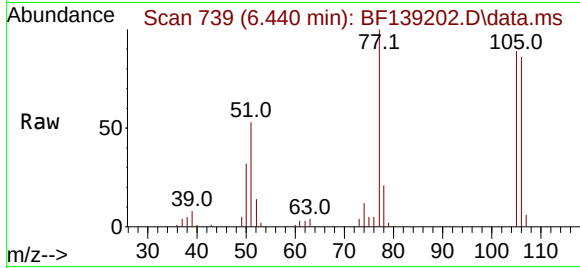
Tgt Ion: 77 Resp: 25756

Ion Ratio Lower Upper

77 100

105 89.1 68.7 108.7

106 86.0 64.2 104.2



#10

Phenol

Concen: 50.653 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

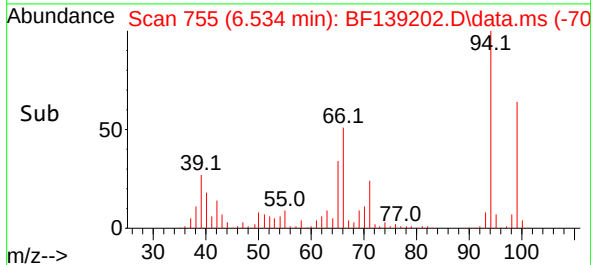
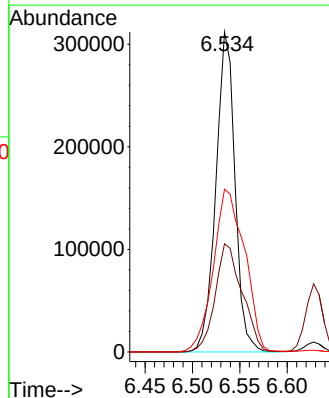
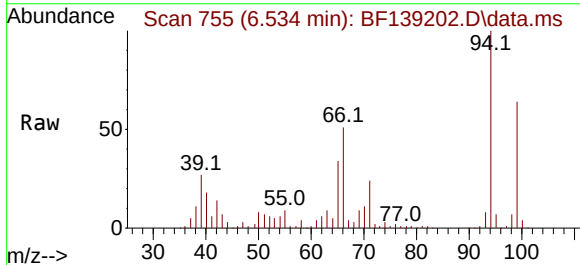
Tgt Ion: 94 Resp: 439081

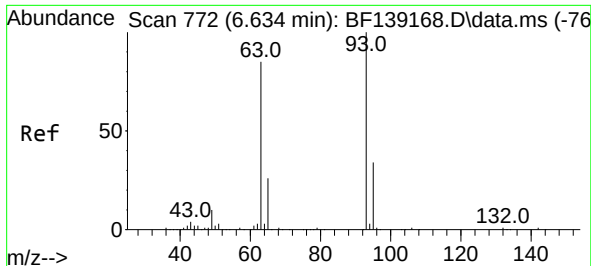
Ion Ratio Lower Upper

94 100

65 33.8 14.1 54.1

66 50.8 29.8 69.8

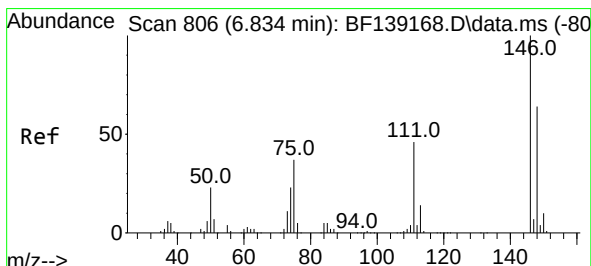
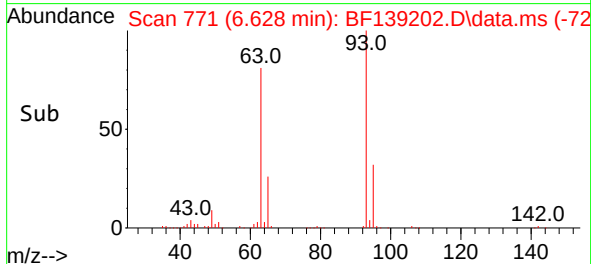
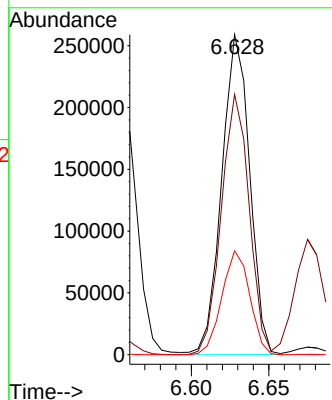
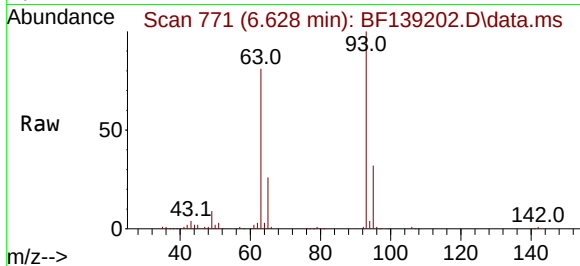




#11
bis(2-Chloroethyl)ether
Concen: 47.579 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

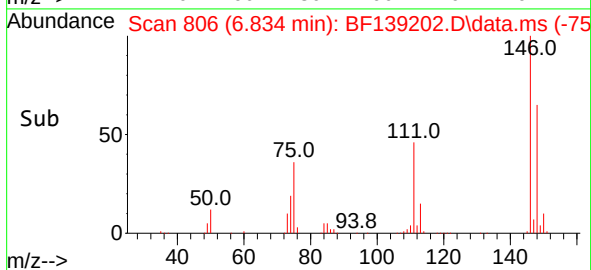
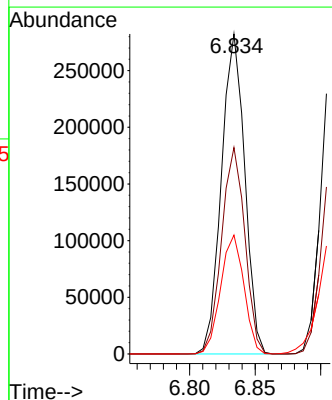
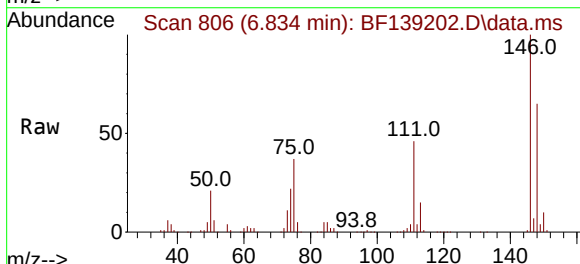
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

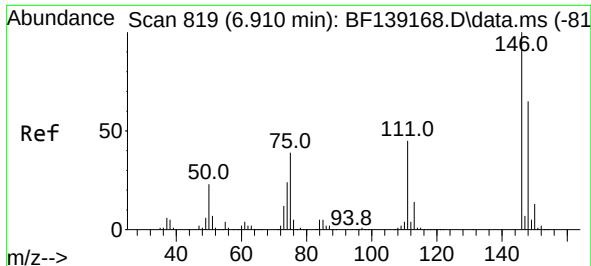
Tgt Ion: 93 Resp: 324959
Ion Ratio Lower Upper
93 100
63 81.4 62.4 102.4
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.454 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:146 Resp: 348562
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 37.1 29.9 44.9

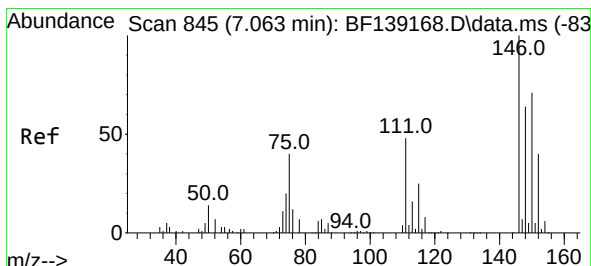
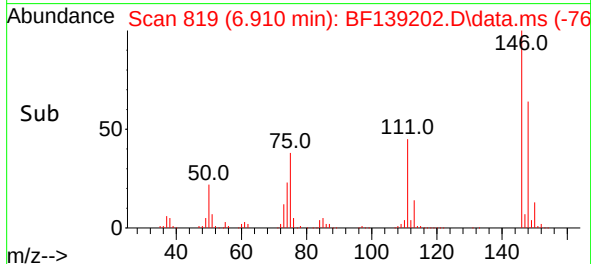
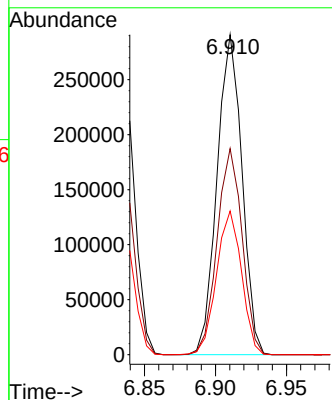
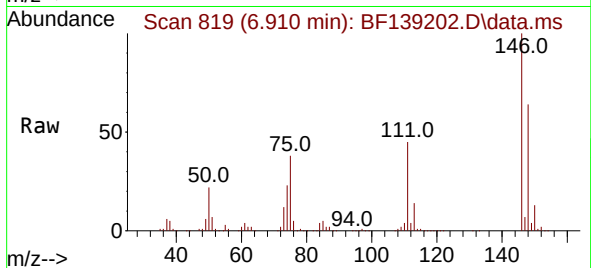




#13
1,4-Dichlorobenzene
Concen: 45.151 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

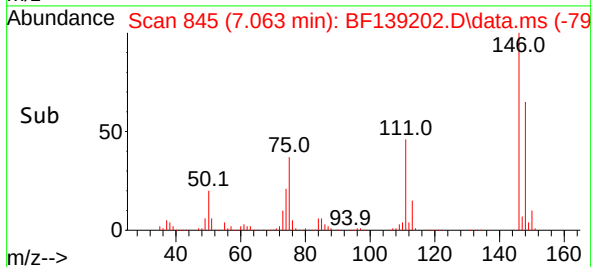
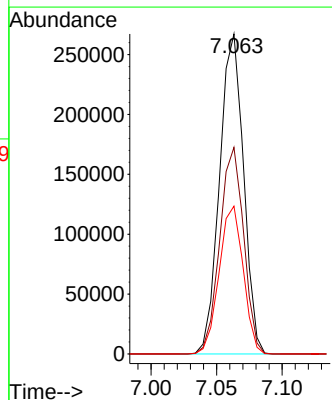
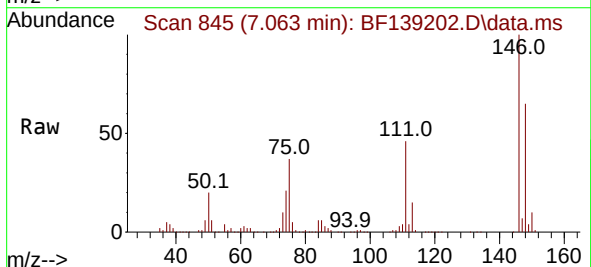
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

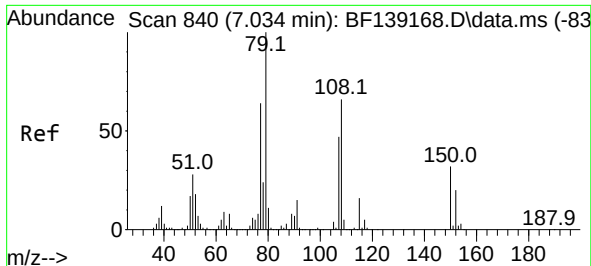
Tgt Ion:146 Resp: 355192
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 44.9 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 45.816 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:146 Resp: 339112
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
111 46.2 38.6 58.0

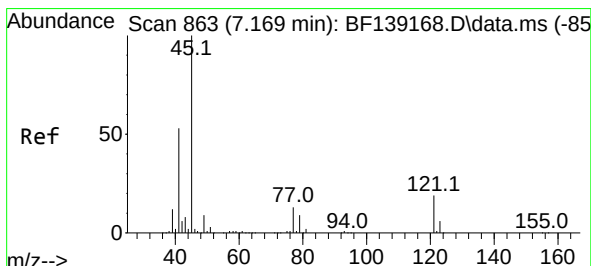
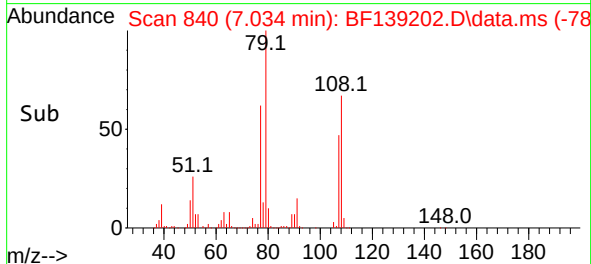
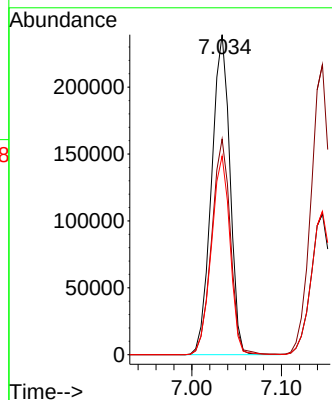
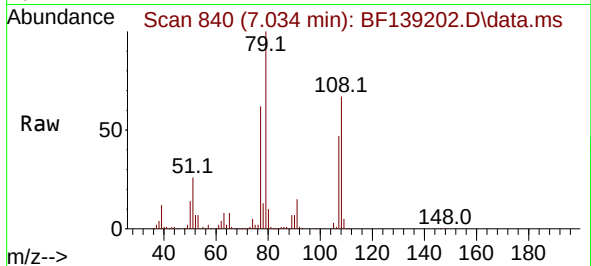




#15
Benzyl Alcohol
Concen: 52.678 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

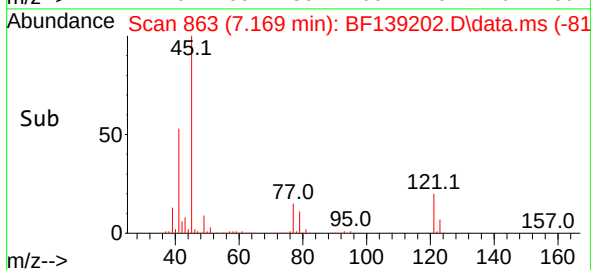
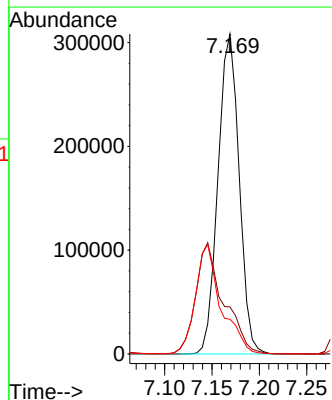
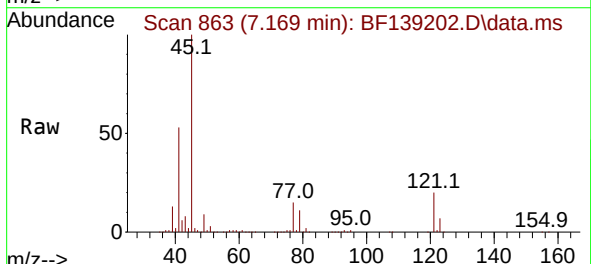
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

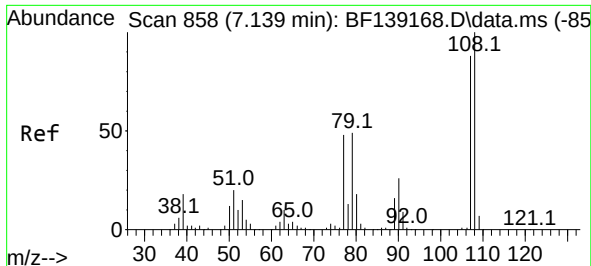
Tgt Ion: 79 Resp: 341041
Ion Ratio Lower Upper
79 100
108 67.4 52.7 79.1
77 62.1 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.400 ng
RT: 7.169 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion: 45 Resp: 479204
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.9
79 10.8 0.0 30.5

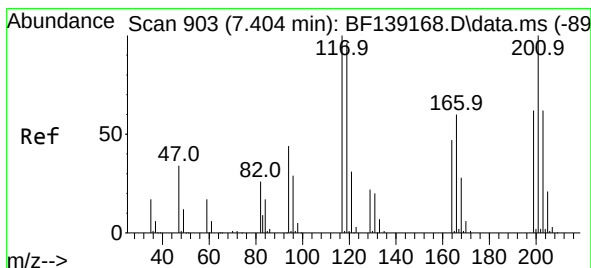
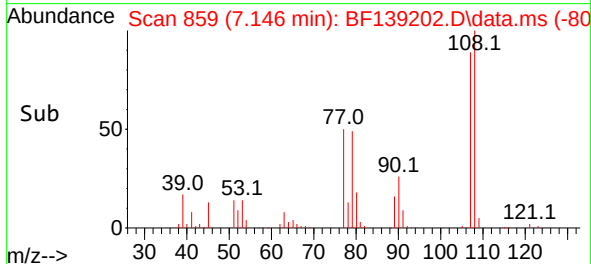
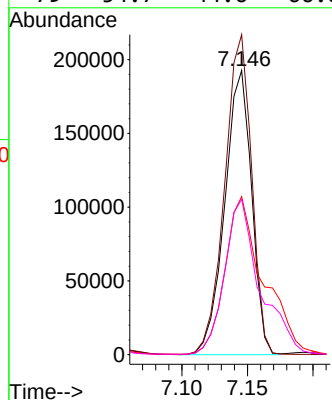
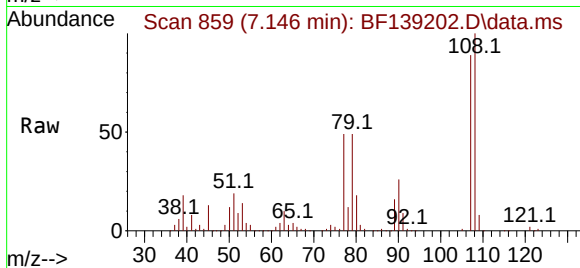




#17
2-Methylphenol
Concen: 50.669 ng
RT: 7.146 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

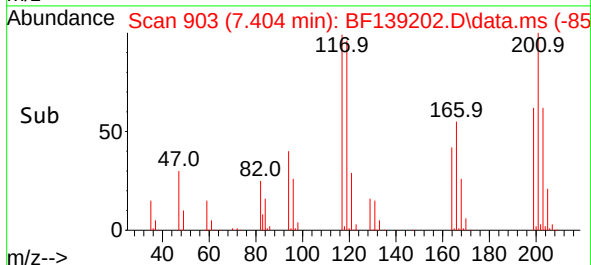
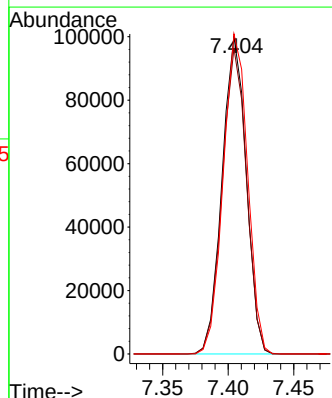
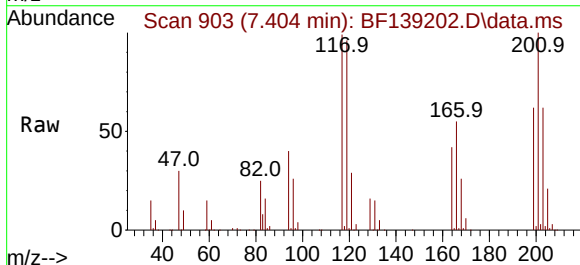
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

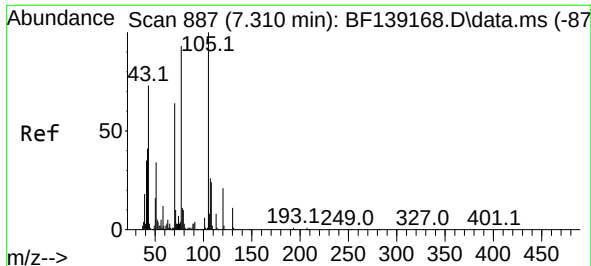
Tgt Ion:107 Resp: 274650
Ion Ratio Lower Upper
107 100
108 112.6 91.4 137.0
77 55.6 44.3 66.5
79 54.7 44.6 66.8



#18
Hexachloroethane
Concen: 51.392 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:117 Resp: 127908
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 100.7 79.7 119.5



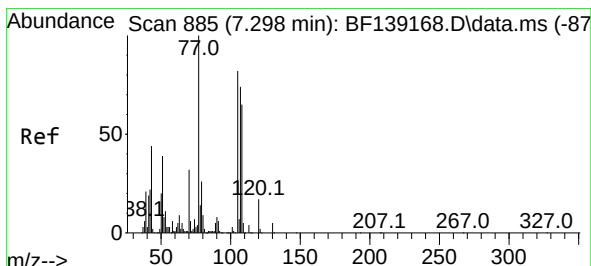
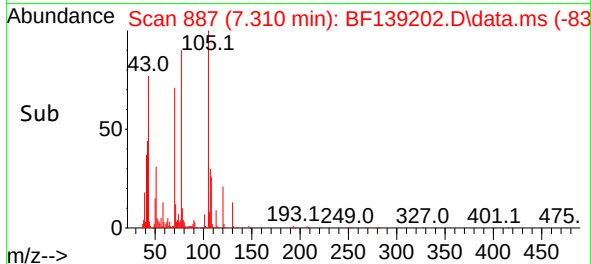
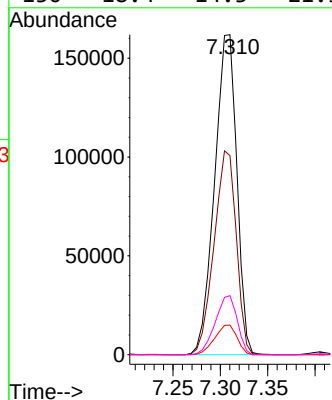
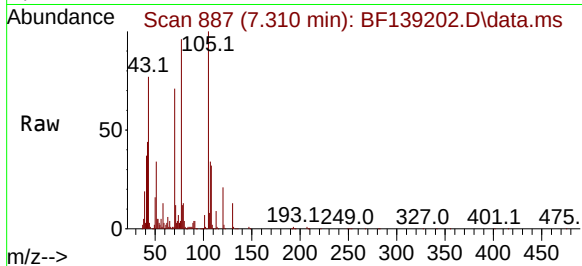


#19
n-Nitroso-di-n-propylamine
Concen: 51.557 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Instrument :
BNA_F
ClientSampleId :
PB163034BSD

Tgt Ion: 70 Resp: 264857

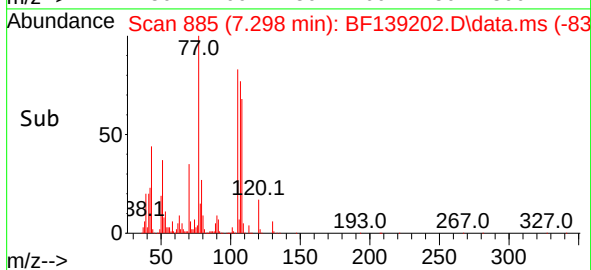
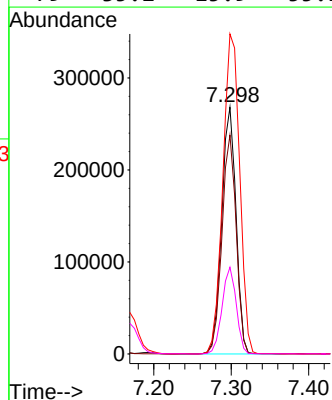
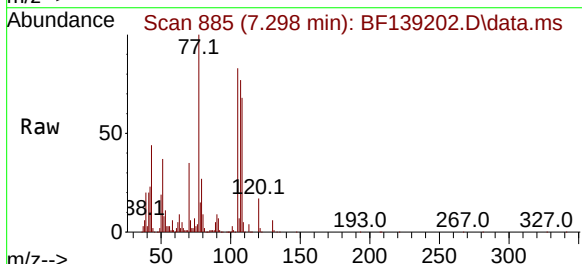
Ion	Ratio	Lower	Upper
70	100		
42	62.2	50.8	76.2
101	9.3	7.4	11.0
130	18.4	14.3	21.5

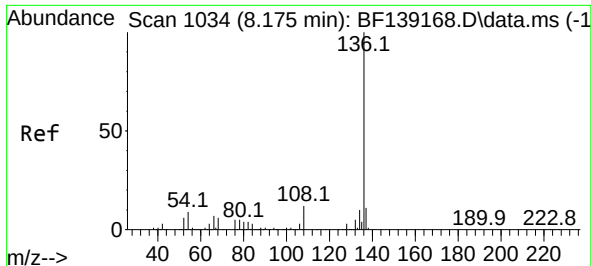


#20
3+4-Methylphenols
Concen: 49.926 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion: 107 Resp: 345199

Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.5	108.5
77	129.7	115.7	155.7
79	35.2	15.9	55.9



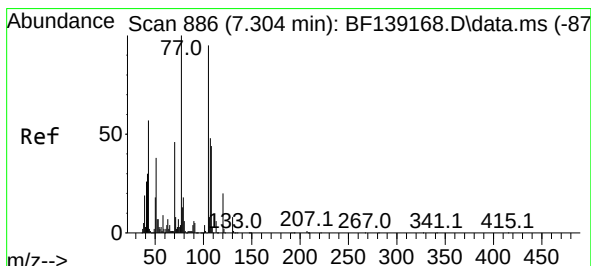
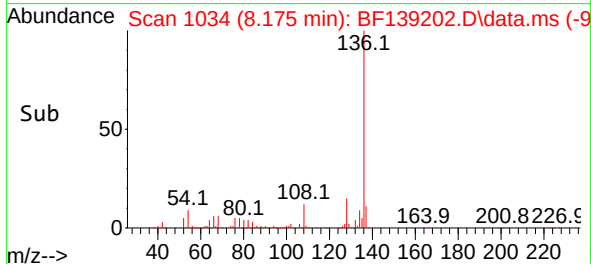
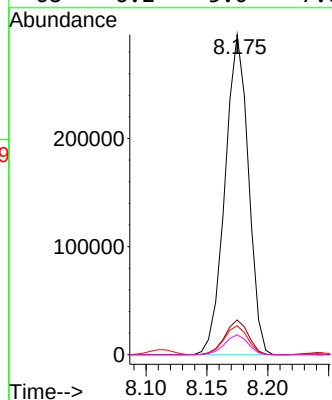
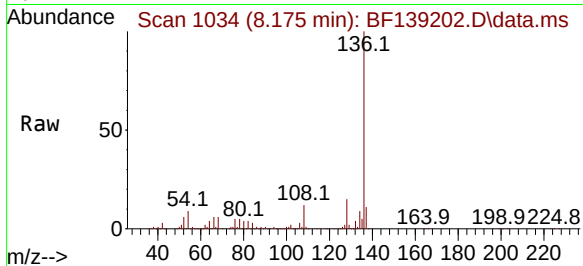


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Instrument :
BNA_F
ClientSampleId :
PB163034BSD

Tgt Ion:136 Resp: 395427

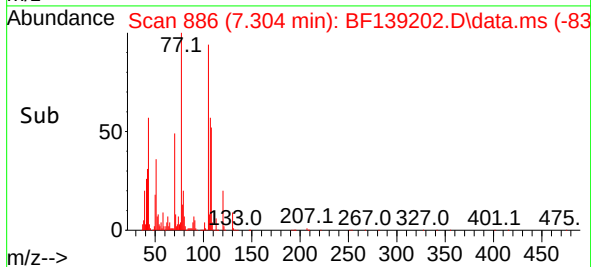
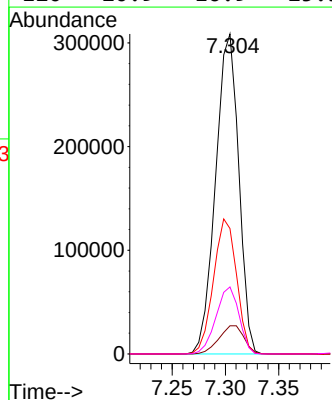
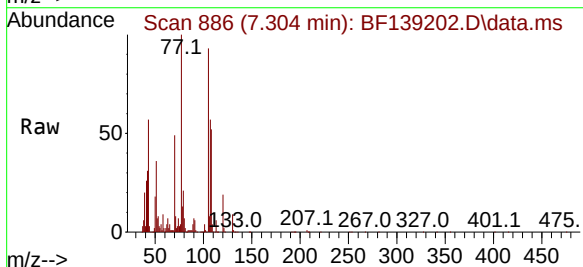
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.0	7.6	11.4
68	6.2	5.0	7.6

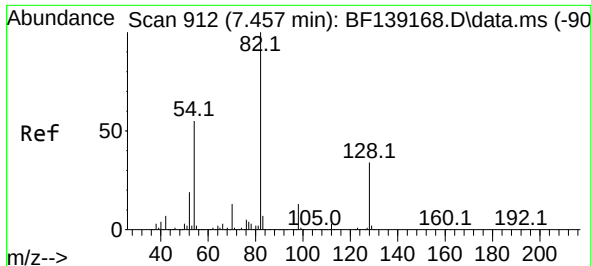


#22
Acetophenone
Concen: 45.826 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:105 Resp: 465602

Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.5	9.7
51	39.2	31.8	47.6
120	20.9	16.9	25.3





#23

Nitrobenzene-d5

Concen: 110.101 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

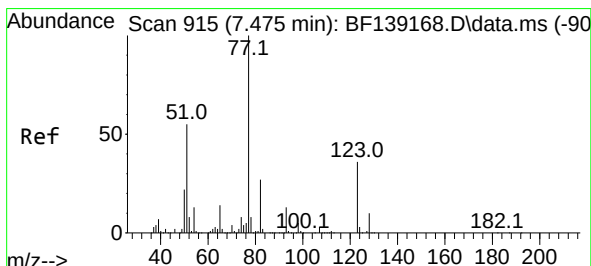
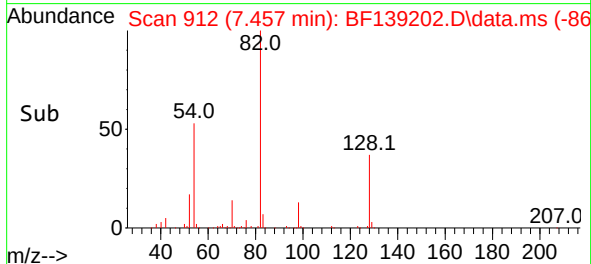
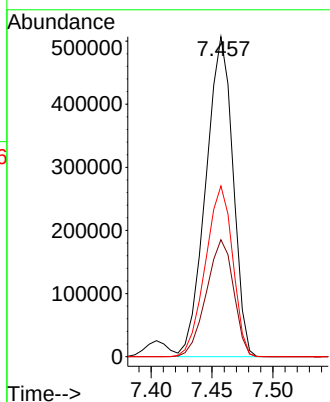
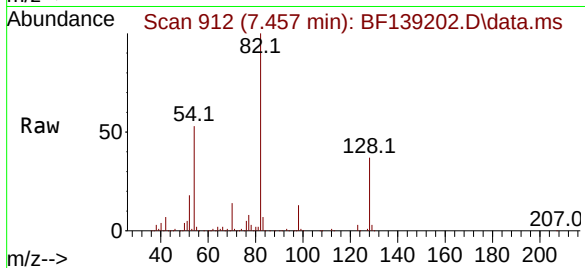
Tgt Ion: 82 Resp: 785861

Ion Ratio Lower Upper

82 100

128 36.5 27.1 40.7

54 53.4 44.2 66.4



#24

Nitrobenzene

Concen: 47.881 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

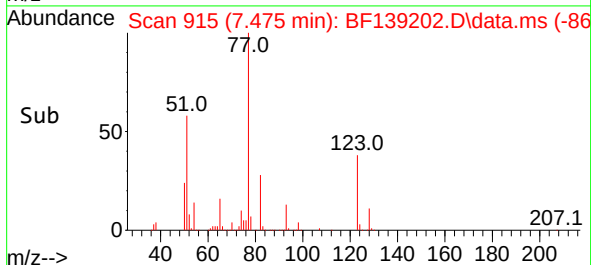
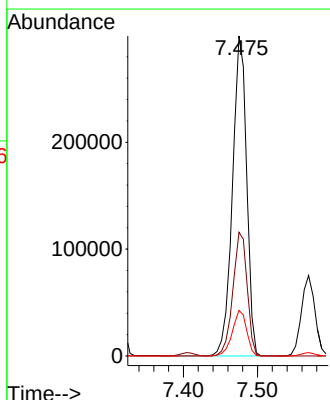
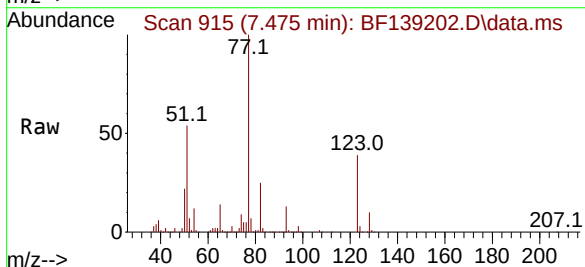
Tgt Ion: 77 Resp: 398115

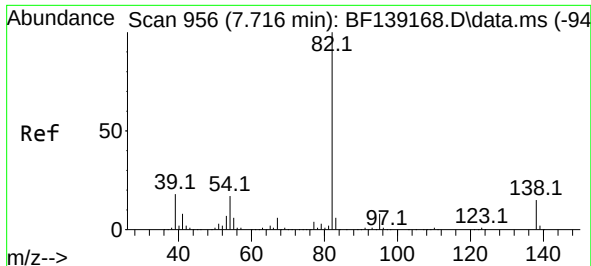
Ion Ratio Lower Upper

77 100

123 38.7 28.7 43.1

65 14.3 10.9 16.3

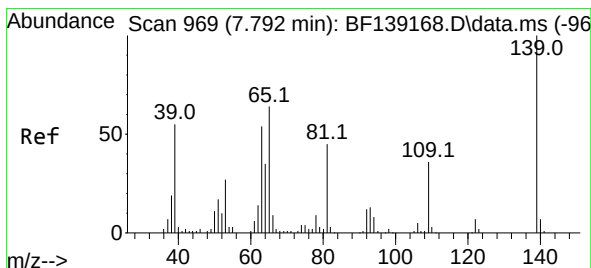
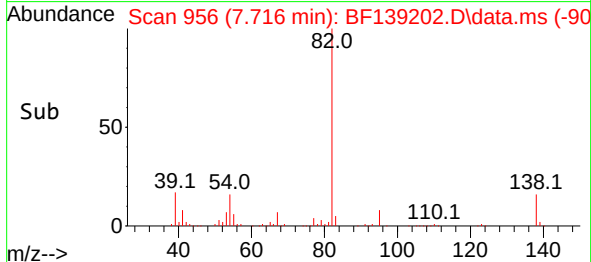
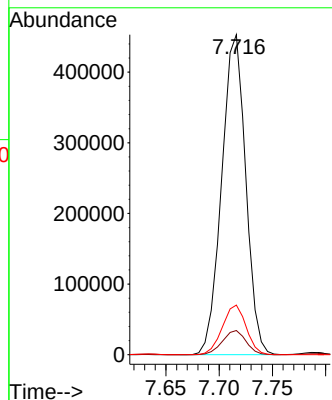
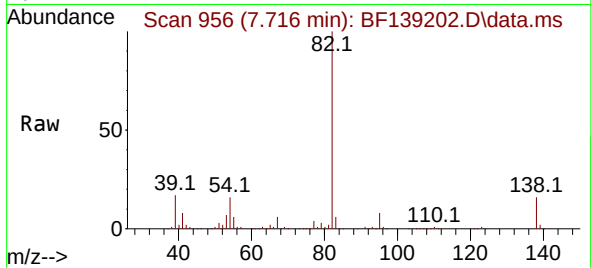




#25
Isophorone
Concen: 50.373 ng
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

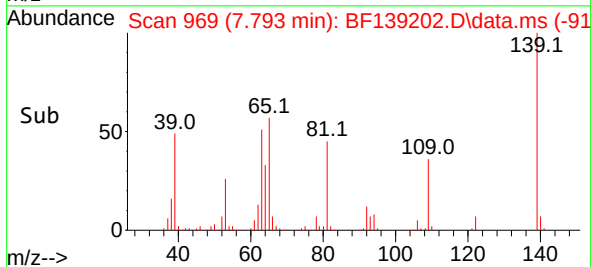
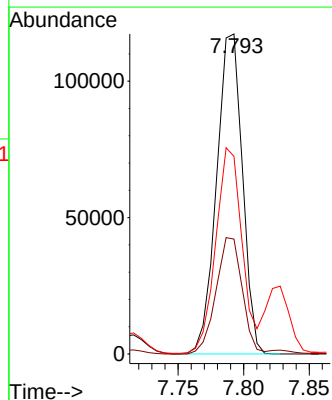
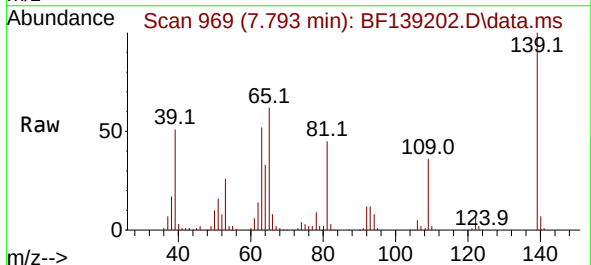
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

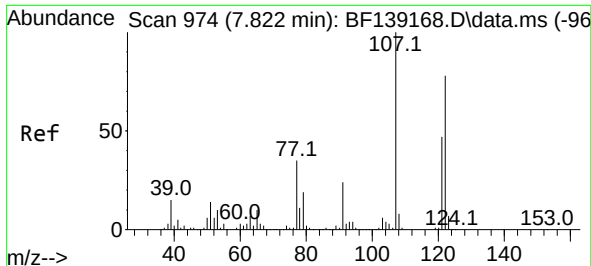
Tgt Ion: 82 Resp: 711016
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 15.5 12.2 18.4



#26
2-Nitrophenol
Concen: 59.767 ng
RT: 7.793 min Scan# 969
Delta R.T. 0.001 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:139 Resp: 160916
Ion Ratio Lower Upper
139 100
109 35.9 28.9 43.3
65 61.7 51.1 76.7

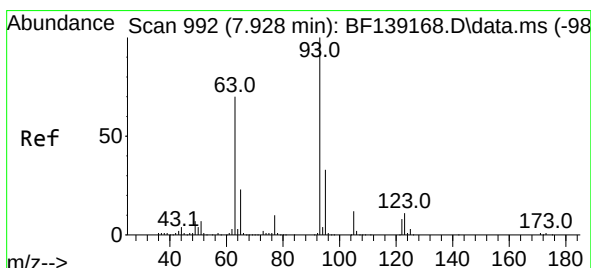
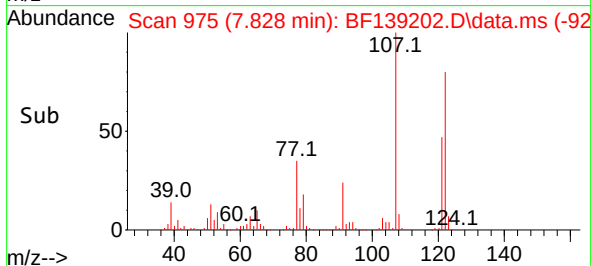
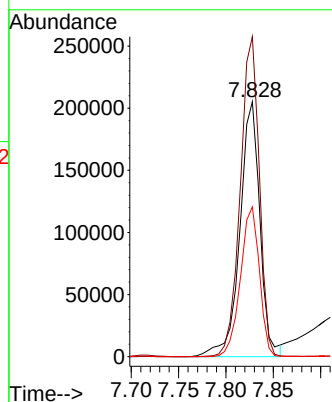
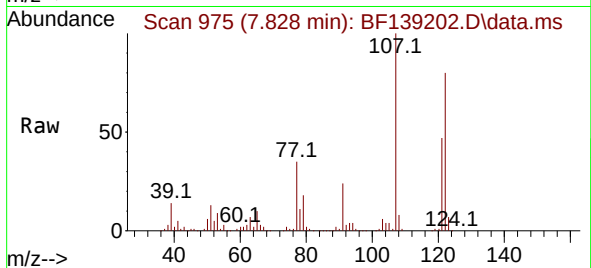




#27
2,4-Dimethylphenol
Concen: 72.223 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

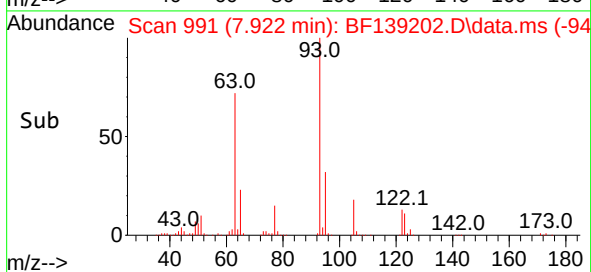
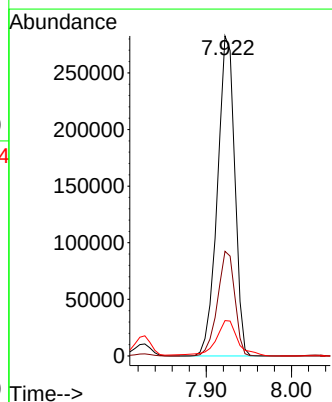
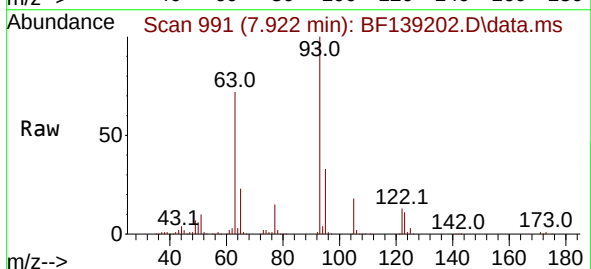
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

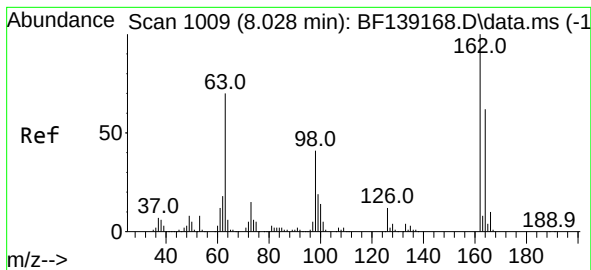
Tgt Ion:122 Resp: 302150
Ion Ratio Lower Upper
122 100
107 125.5 102.1 153.1
121 58.8 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.841 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion: 93 Resp: 399132
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 54.132 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

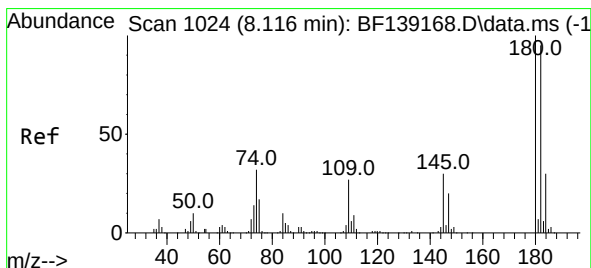
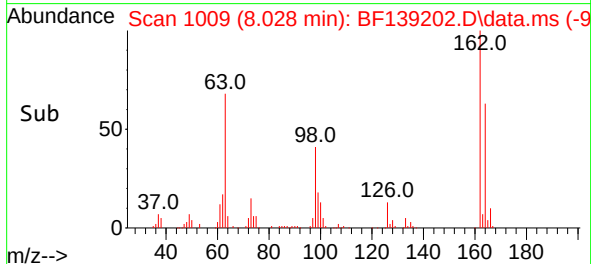
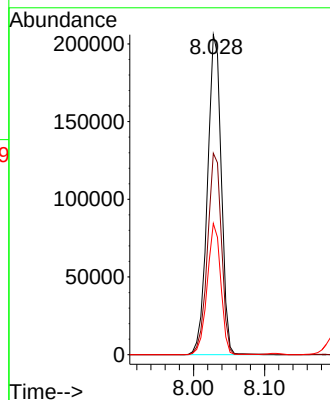
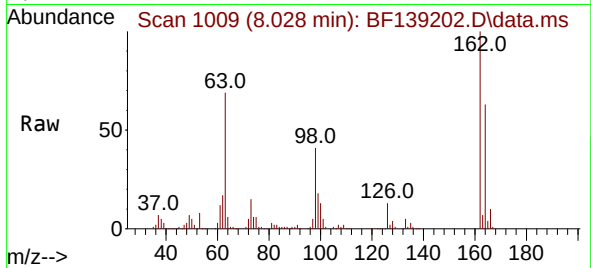
Tgt Ion:162 Resp: 279528

Ion Ratio Lower Upper

162 100

164 63.0 42.3 82.3

98 41.0 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.748 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

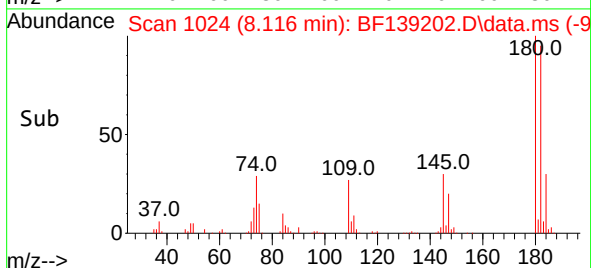
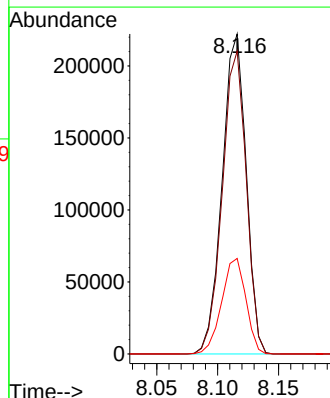
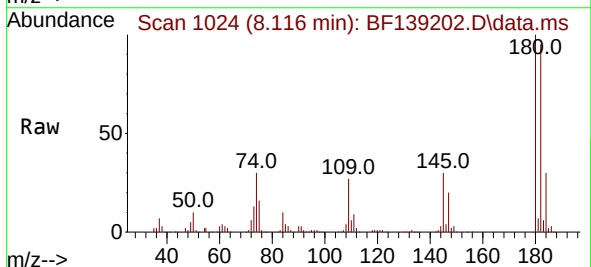
Tgt Ion:180 Resp: 304642

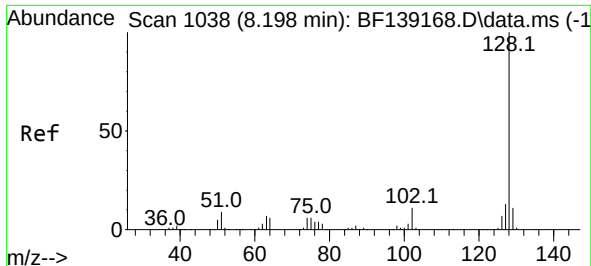
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 29.8 23.6 35.4

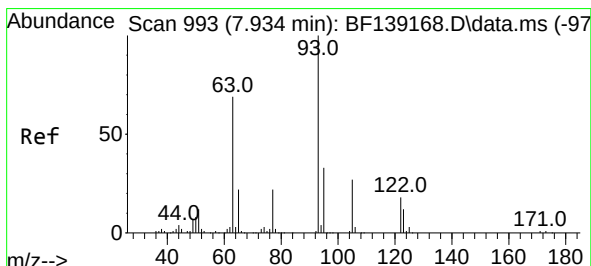
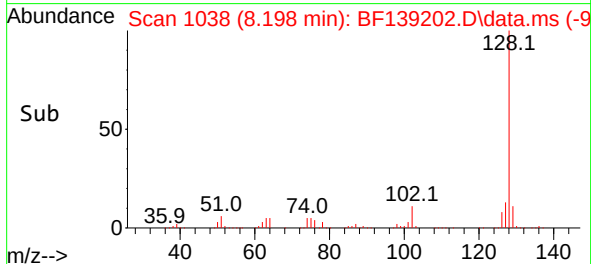
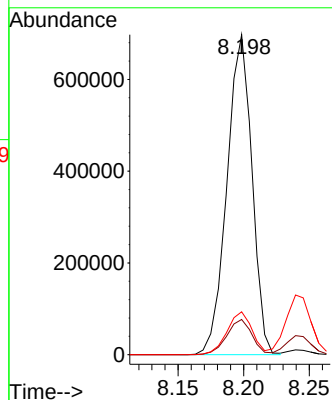
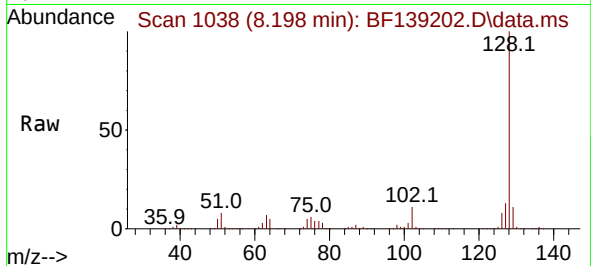




#31
Naphthalene
Concen: 45.753 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

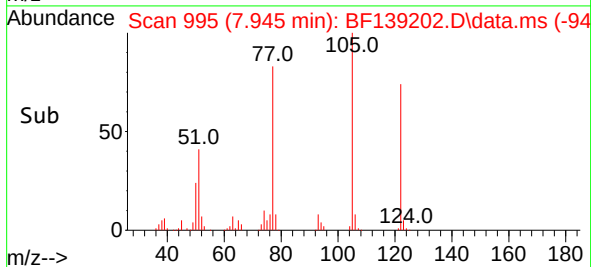
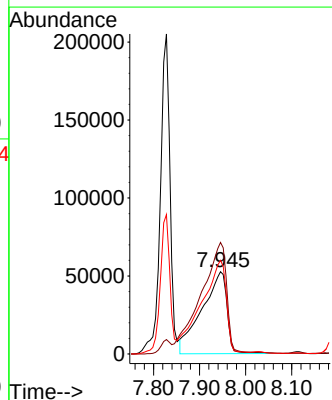
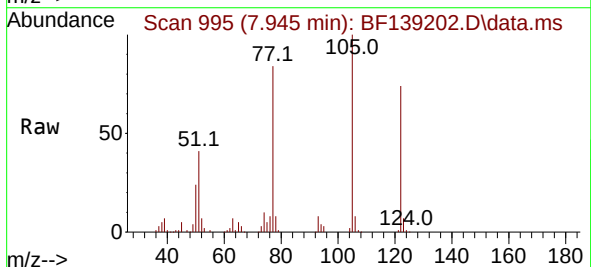
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

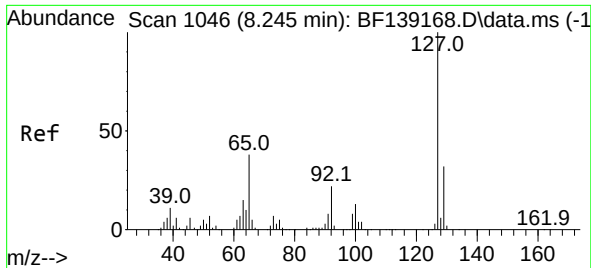
Tgt Ion:128 Resp: 925097
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 53.987 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.011 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:122 Resp: 198469
Ion Ratio Lower Upper
122 100
105 135.8 118.9 158.9
77 113.9 96.4 136.4

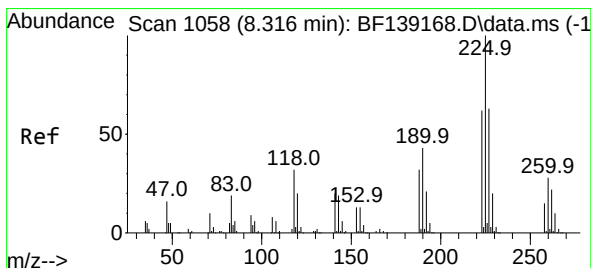
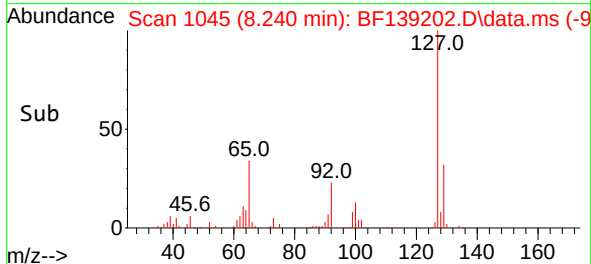
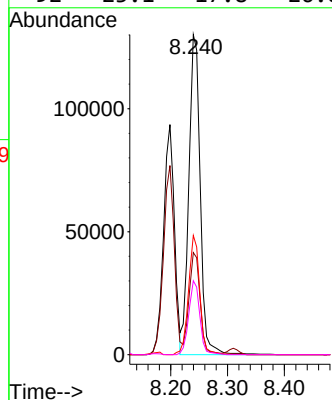
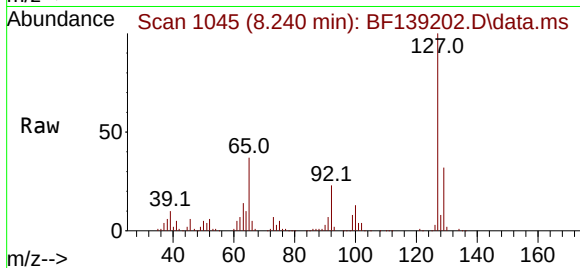




#33
4-Chloroaniline
Concen: 26.026 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

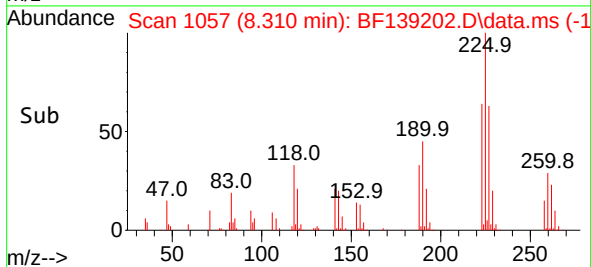
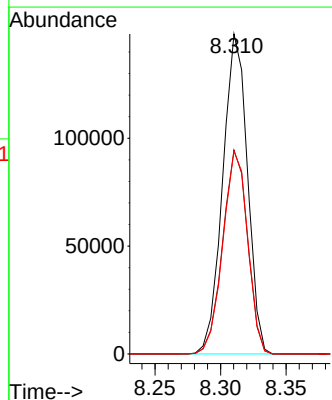
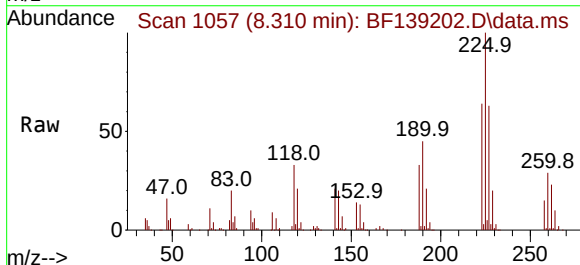
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

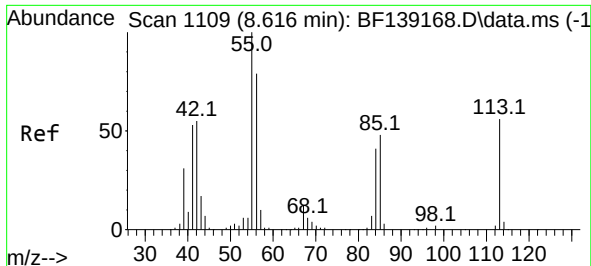
Tgt Ion:	127	Resp:	181345
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	37.3	30.8	46.2
92	23.1	17.8	26.8



#34
Hexachlorobutadiene
Concen: 44.908 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:	225	Resp:	194329
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	63.4	50.3	75.5

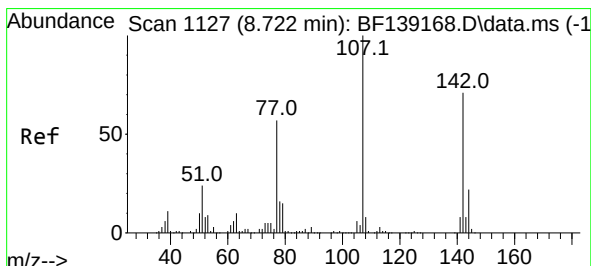
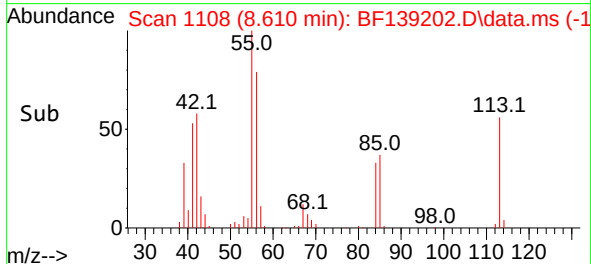
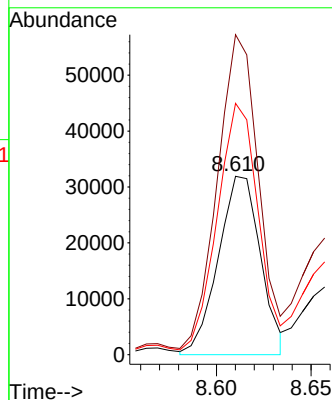
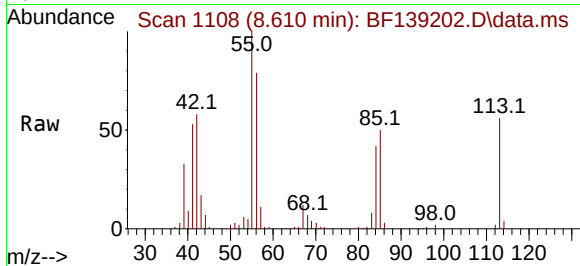




#35
 Caprolactam
 Concen: 31.202 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. -0.006 min
 Lab File: BF139202.D
 Acq: 28 Aug 2024 11:38

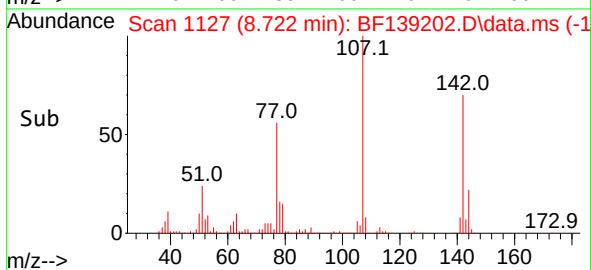
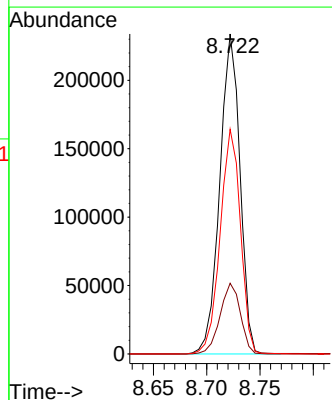
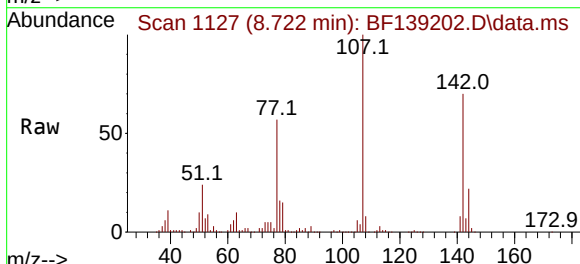
Instrument :
 BNA_F
 ClientSampleId :
 PB163034BSD

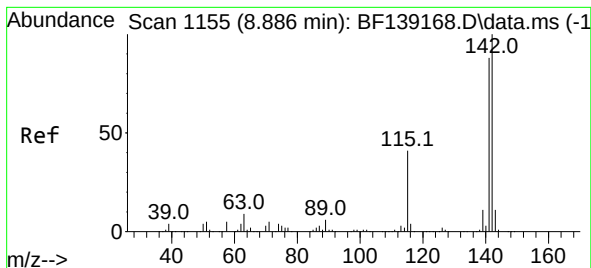
Tgt Ion:113 Resp: 49428
 Ion Ratio Lower Upper
 113 100
 55 179.3 158.0 198.0
 56 140.9 119.6 159.6



#36
 4-Chloro-3-methylphenol
 Concen: 52.023 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: BF139202.D
 Acq: 28 Aug 2024 11:38

Tgt Ion:107 Resp: 308098
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.8 26.8
 142 70.2 56.6 84.8





#37

2-Methylnaphthalene

Concen: 46.699 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

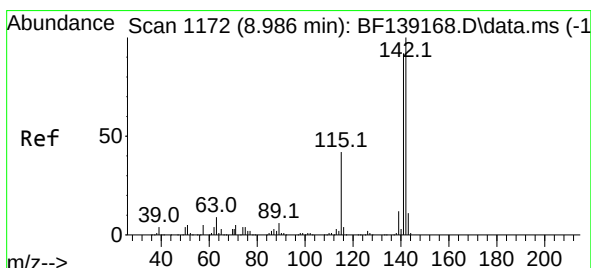
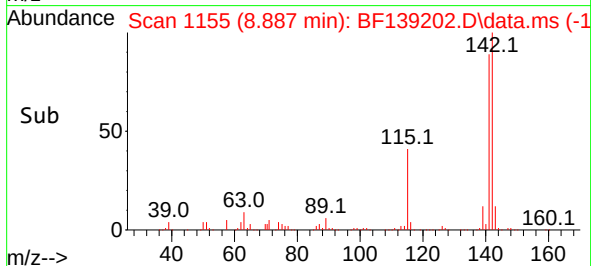
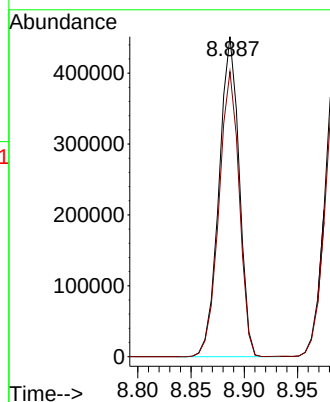
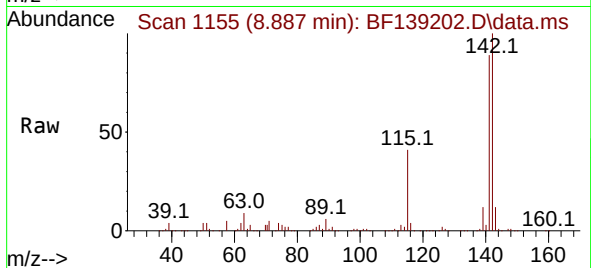
PB163034BSD

Tgt Ion:142 Resp: 591930

Ion Ratio Lower Upper

142 100

141 89.1 70.2 105.2



#38

1-Methylnaphthalene

Concen: 44.575 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139202.D

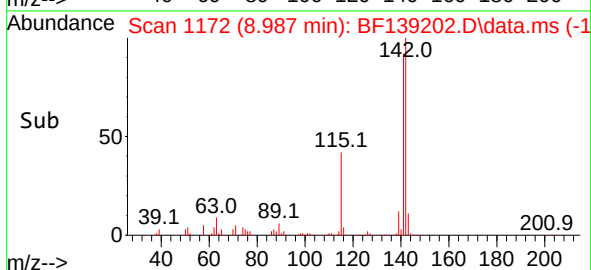
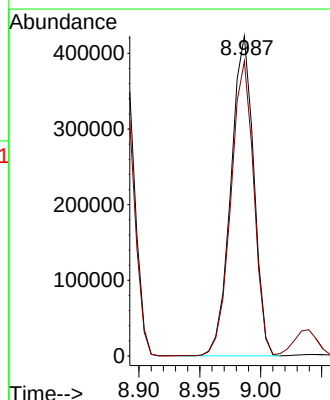
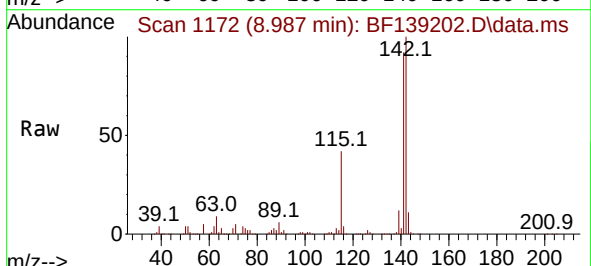
Acq: 28 Aug 2024 11:38

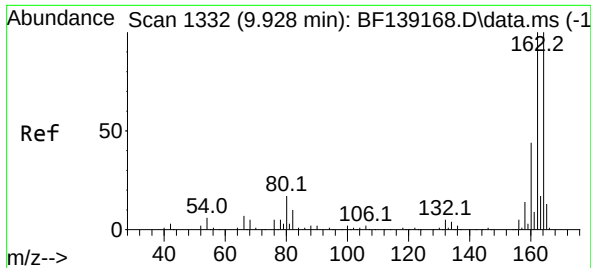
Tgt Ion:142 Resp: 552231

Ion Ratio Lower Upper

142 100

141 92.1 73.4 110.2

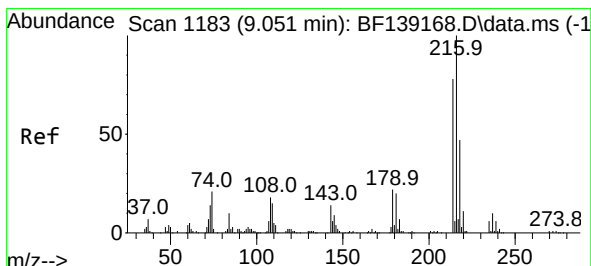
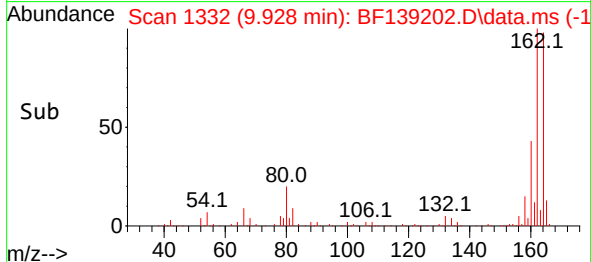
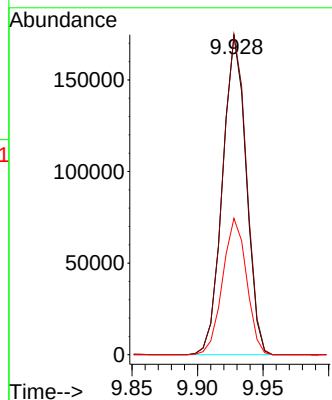
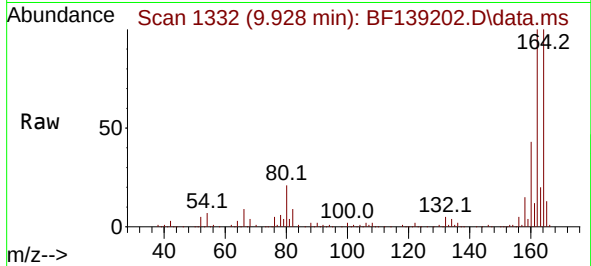




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

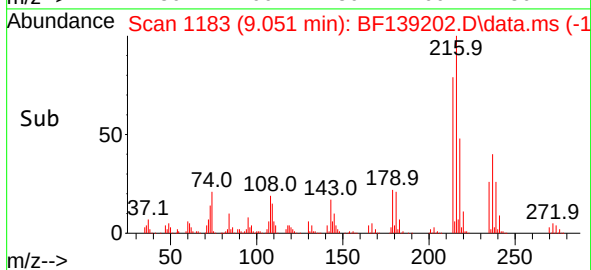
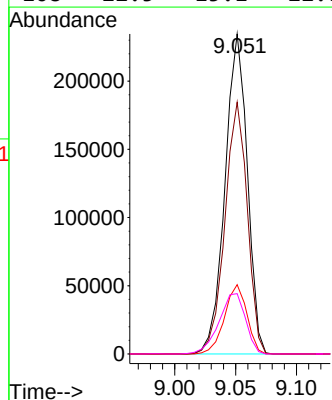
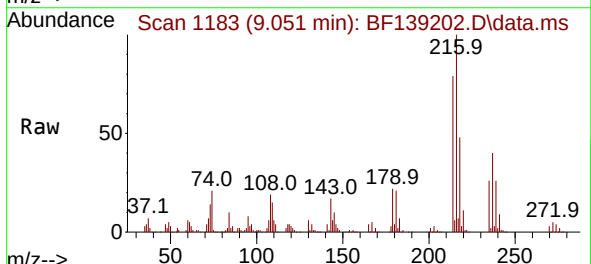
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

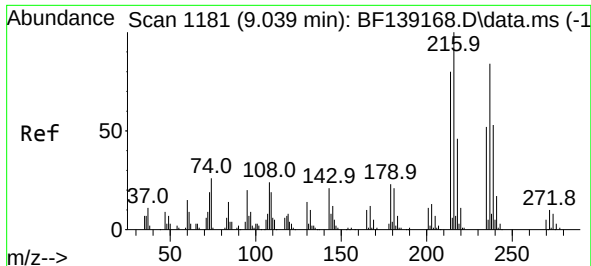
Tgt Ion:164 Resp: 218164
Ion Ratio Lower Upper
164 100
162 100.4 80.0 120.0
160 42.8 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.231 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

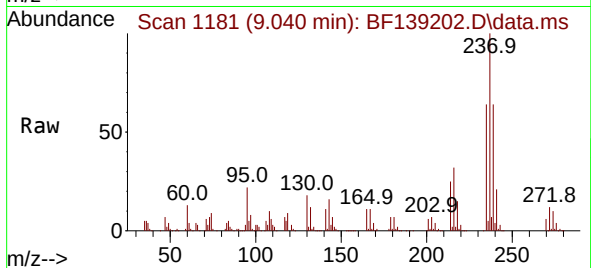
Tgt Ion:216 Resp: 299159
Ion Ratio Lower Upper
216 100
214 78.7 62.5 93.7
179 21.7 17.5 26.3
108 22.5 15.1 22.7





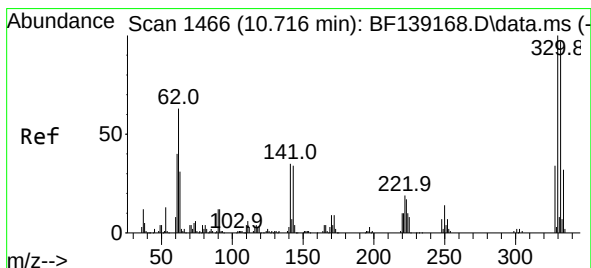
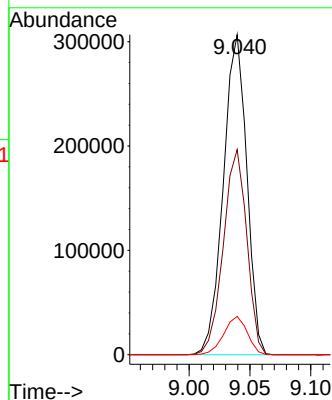
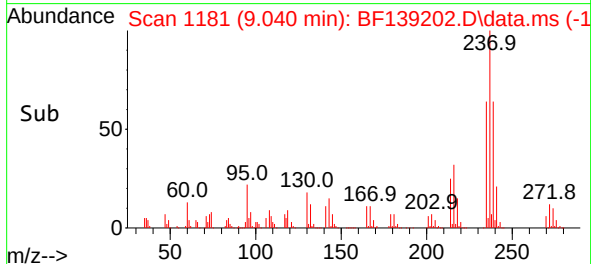
#41
Hexachlorocyclopentadiene
Concen: 197.633 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.001 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Instrument :
BNA_F
ClientSampleId :
PB163034BSD

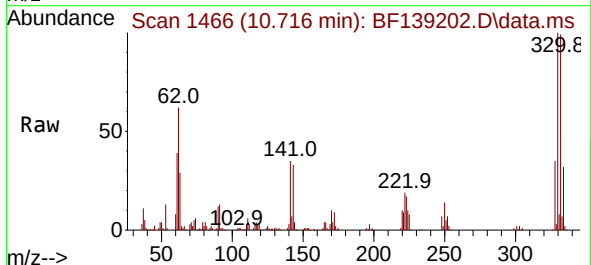


Tgt Ion: 237 Resp: 410655

Ion	Ratio	Lower	Upper
237	100		
235	64.1	42.1	82.1
272	12.0	0.0	32.2

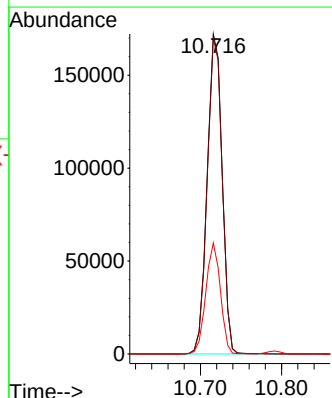
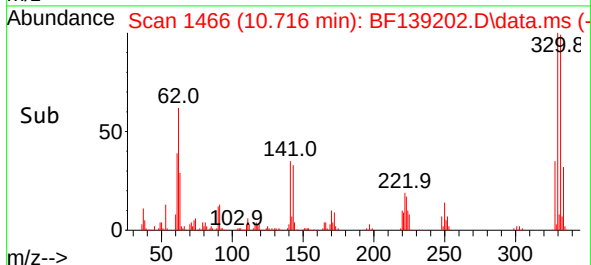


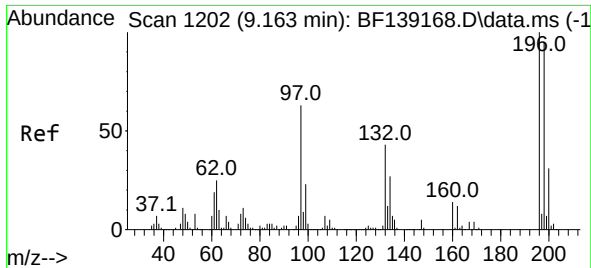
#42
2,4,6-Tribromophenol
Concen: 117.670 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38



Tgt Ion: 330 Resp: 219863

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.3	115.9
141	33.9	28.8	43.2

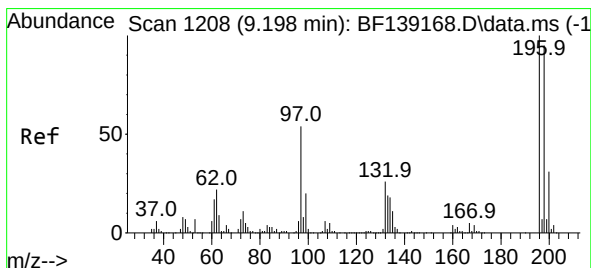
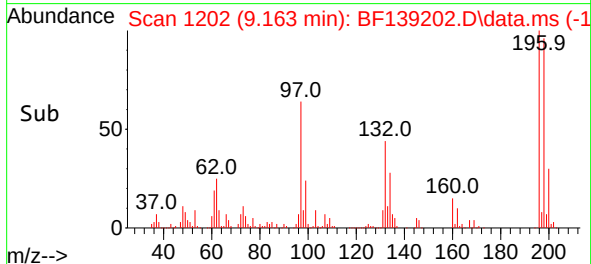
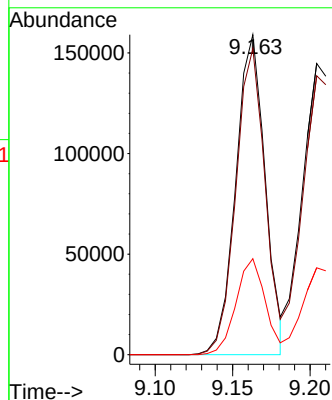
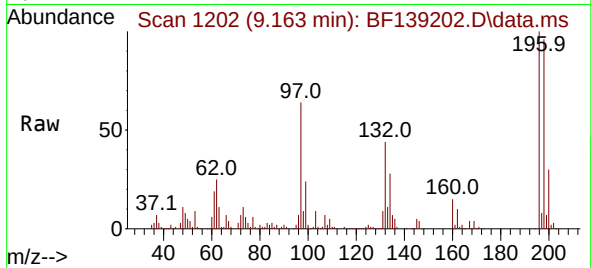




#43
2,4,6-Trichlorophenol
Concen: 57.950 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

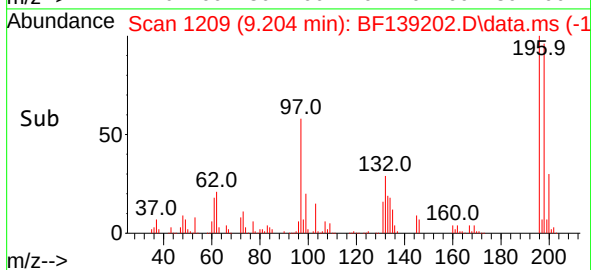
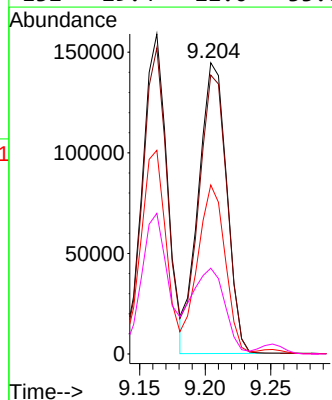
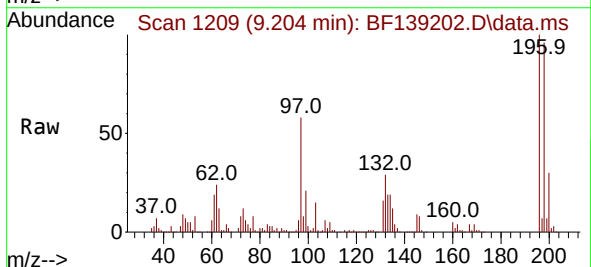
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

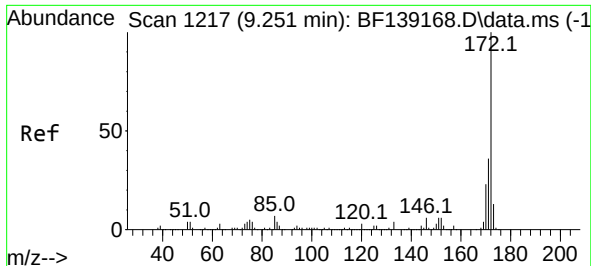
Tgt Ion:196 Resp: 209677
Ion Ratio Lower Upper
196 100
198 95.7 75.8 113.8
200 30.0 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 56.997 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:196 Resp: 216170
Ion Ratio Lower Upper
196 100
198 95.8 75.7 113.5
97 58.0 44.9 67.3
132 29.4 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 93.355 ng

RT: 9.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

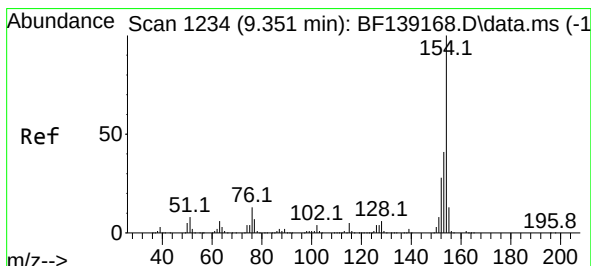
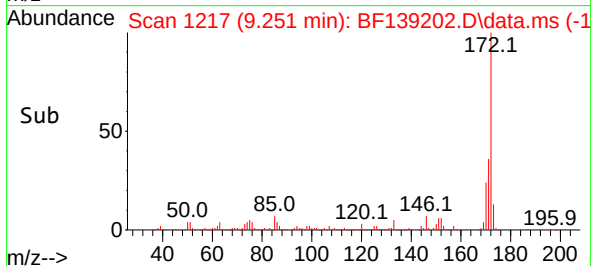
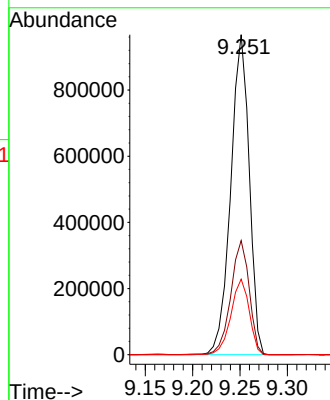
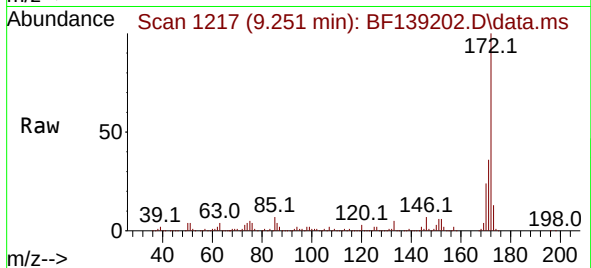
Tgt Ion:172 Resp: 1311147

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.217 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

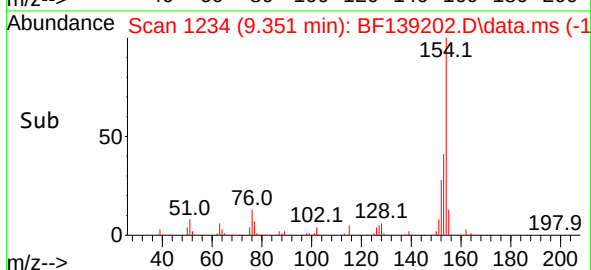
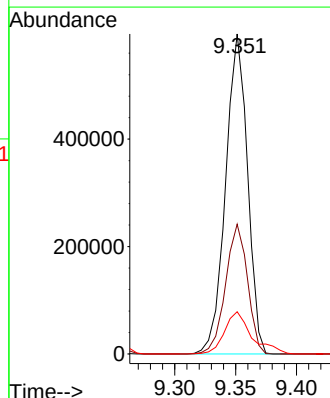
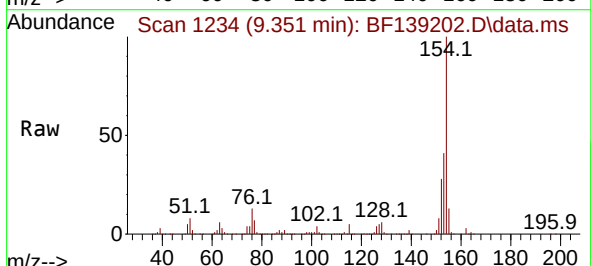
Tgt Ion:154 Resp: 745616

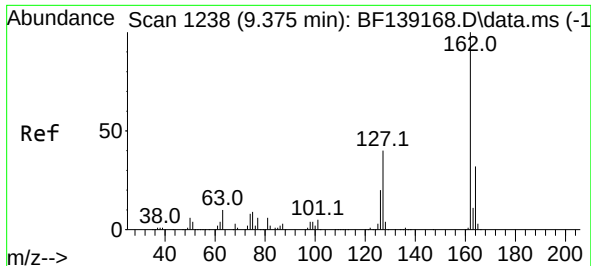
Ion Ratio Lower Upper

154 100

153 40.6 20.7 60.7

76 13.2 0.0 33.4

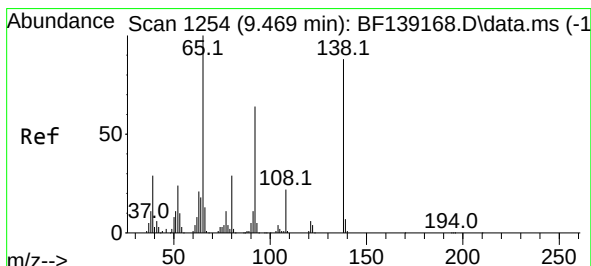
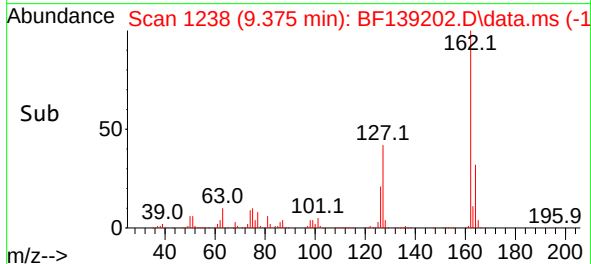
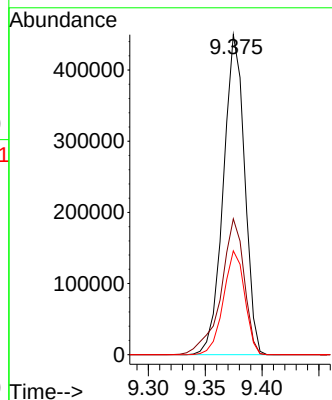
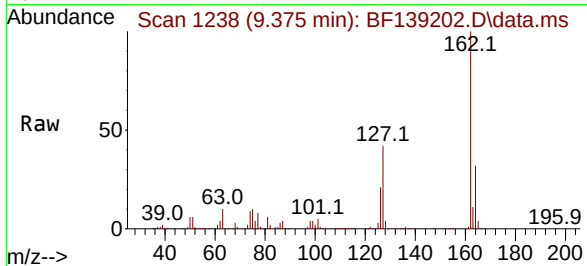




#47
2-Chloronaphthalene
Concen: 46.564 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

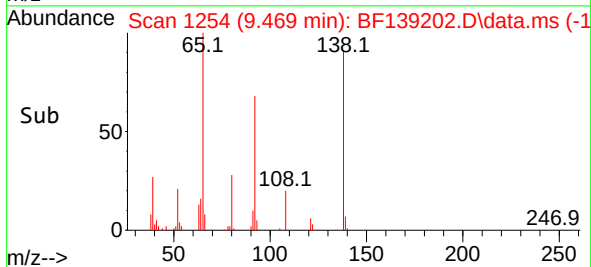
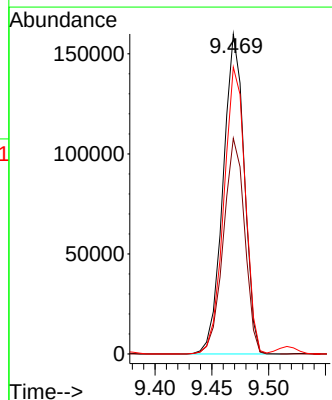
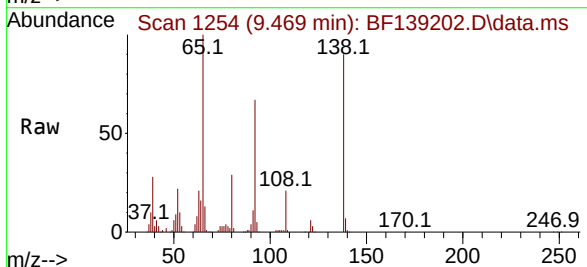
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

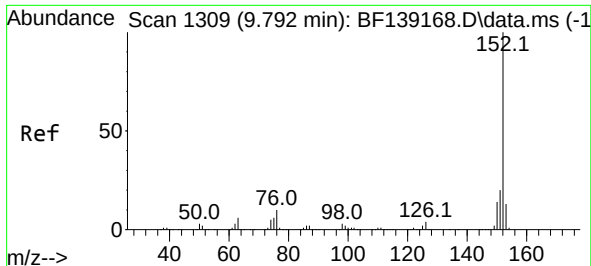
Tgt Ion:162 Resp: 586615
Ion Ratio Lower Upper
162 100
127 42.5 32.4 48.6
164 32.4 25.9 38.9



#48
2-Nitroaniline
Concen: 55.009 ng
RT: 9.469 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

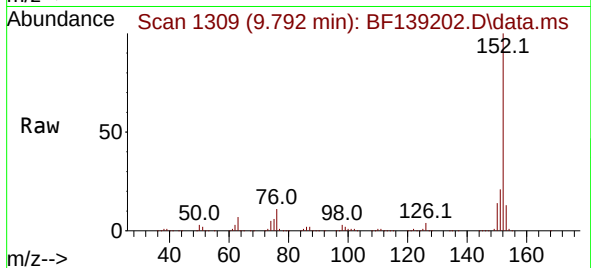
Tgt Ion: 65 Resp: 207561
Ion Ratio Lower Upper
65 100
92 67.4 51.2 76.8
138 89.6 70.0 105.0



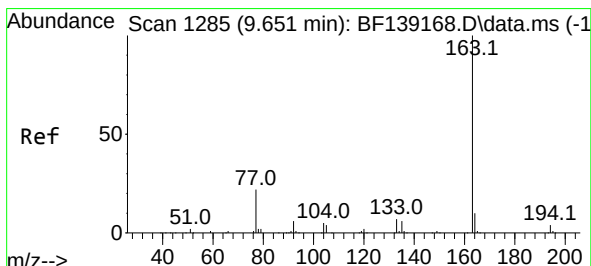
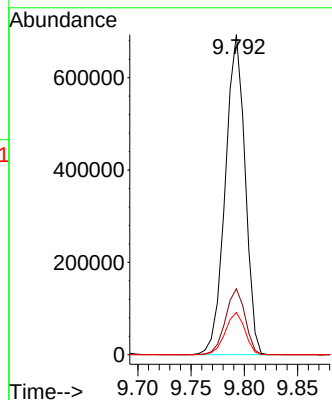
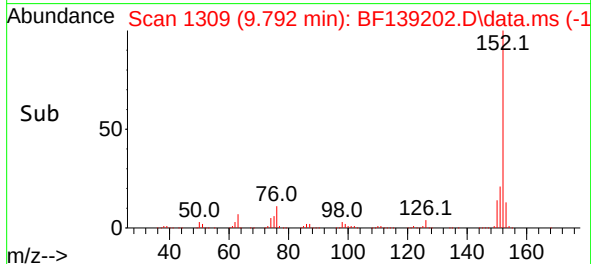


#49
Acenaphthylene
Concen: 50.411 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

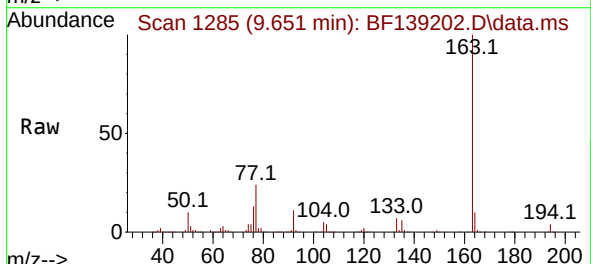
Instrument :
BNA_F
ClientSampleId :
PB163034BSD



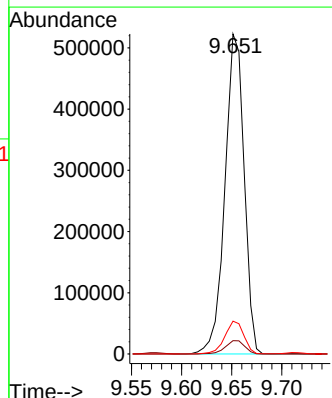
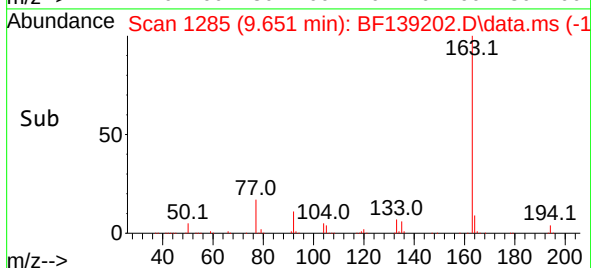
Tgt Ion:152 Resp: 894874
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.2 10.5 15.7

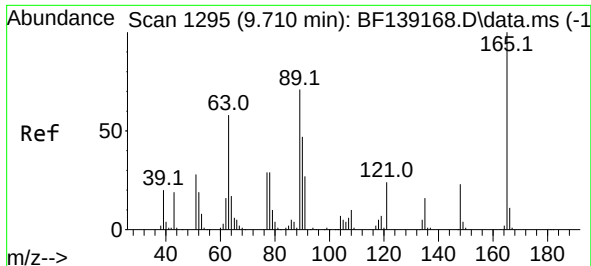


#50
Dimethylphthalate
Concen: 55.074 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38



Tgt Ion:163 Resp: 694072
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 55.959 ng

RT: 9.710 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

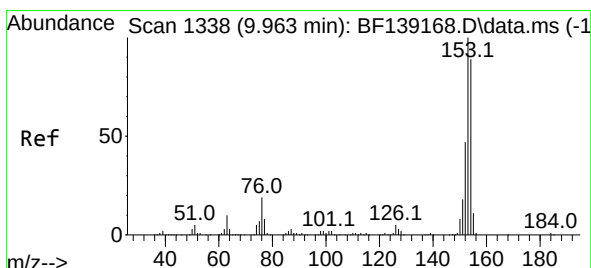
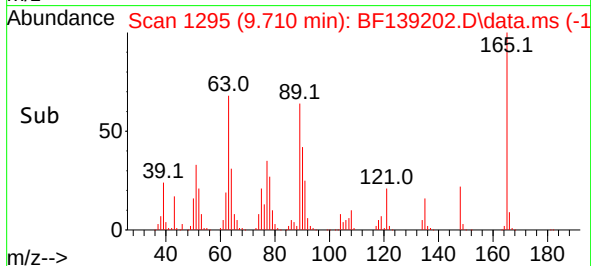
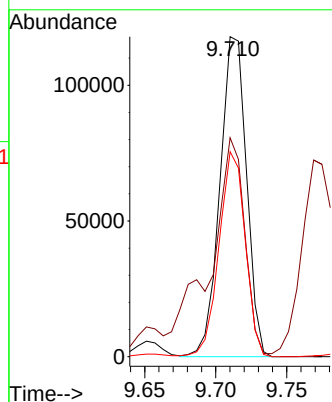
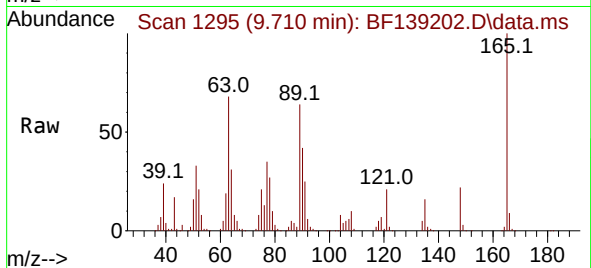
Tgt Ion:165 Resp: 153547

Ion Ratio Lower Upper

165 100

63 68.4 60.1 90.1

89 64.1 57.0 85.6



#52

Acenaphthene

Concen: 55.802 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

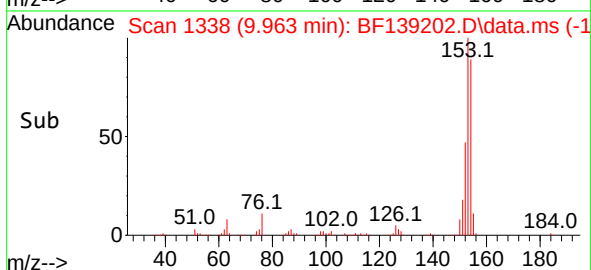
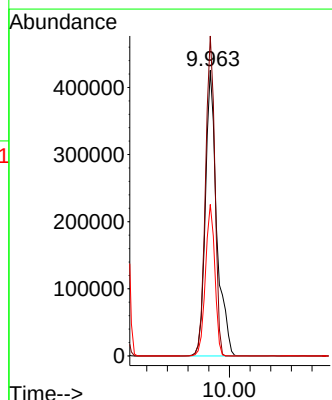
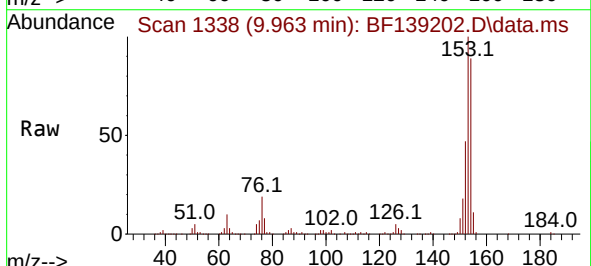
Tgt Ion:154 Resp: 650721

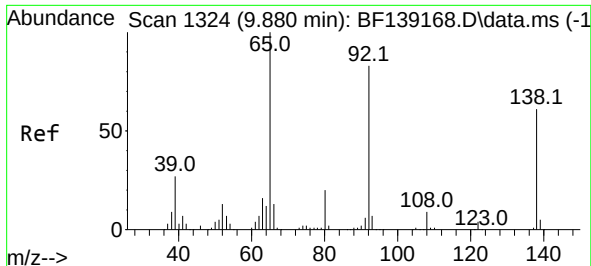
Ion Ratio Lower Upper

154 100

153 112.1 90.0 135.0

152 53.1 42.4 63.6

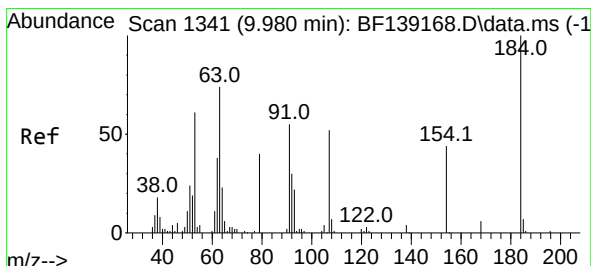
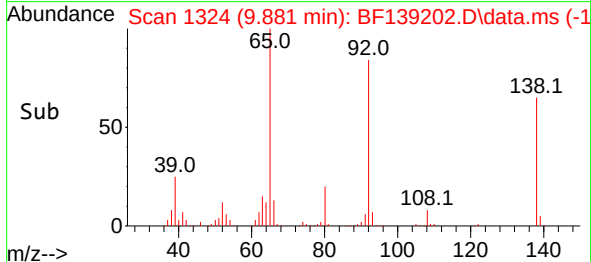
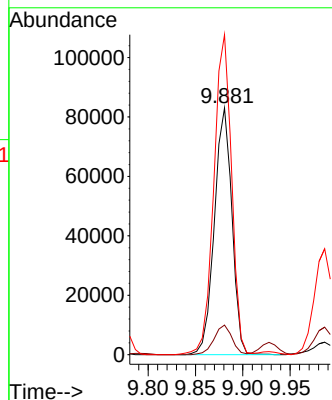
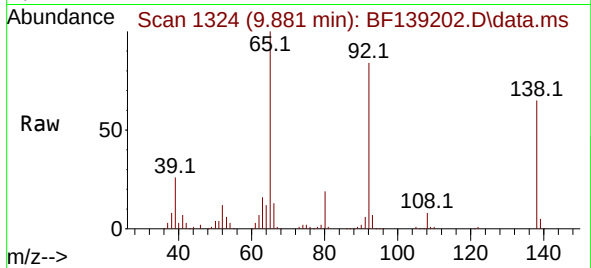




#53
3-Nitroaniline
Concen: 39.731 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

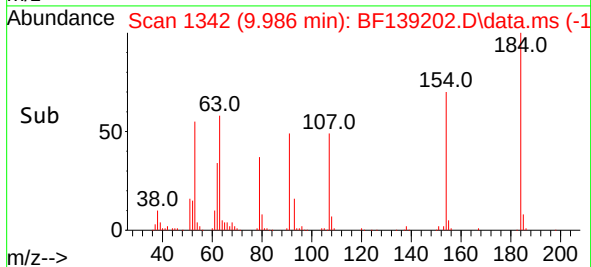
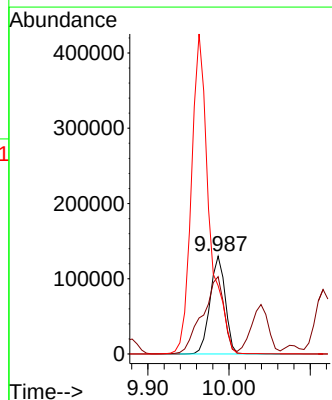
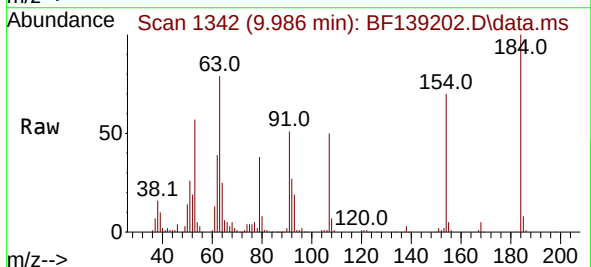
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

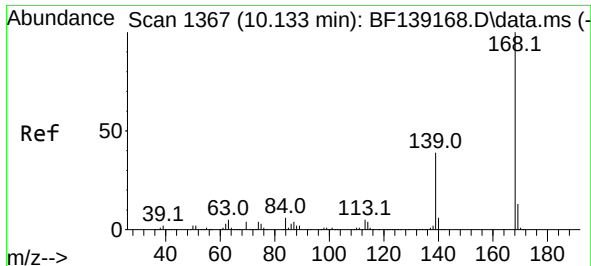
Tgt Ion:138 Resp: 106972
Ion Ratio Lower Upper
138 100
108 12.0 11.8 17.6
92 129.7 108.2 162.2



#54
2,4-Dinitrophenol
Concen: 109.329 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:184 Resp: 169255
Ion Ratio Lower Upper
184 100
63 79.0 72.1 108.1
154 69.9 135.3 202.9#

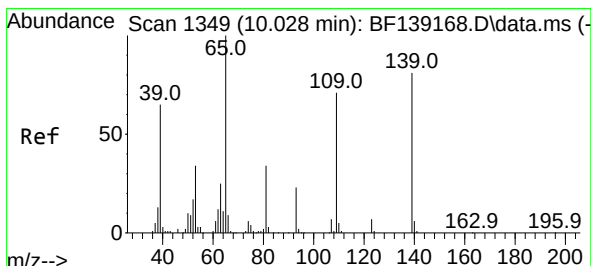
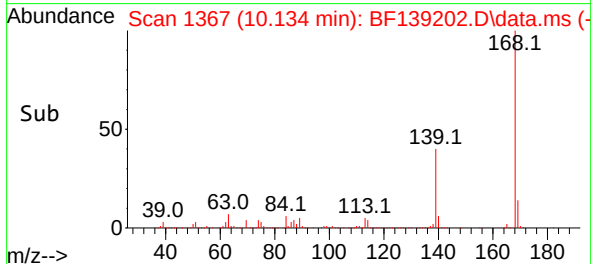
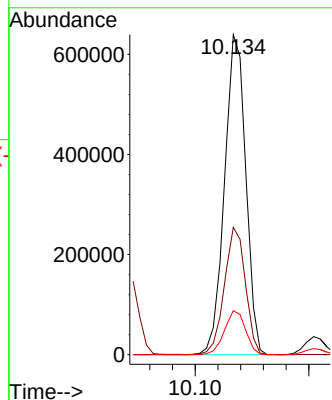
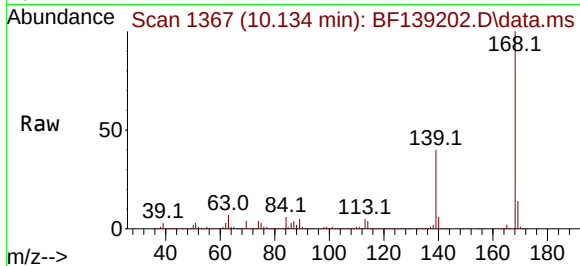




#55
Dibenzofuran
Concen: 48.760 ng
RT: 10.134 min Scan# 1
Delta R.T. 0.001 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

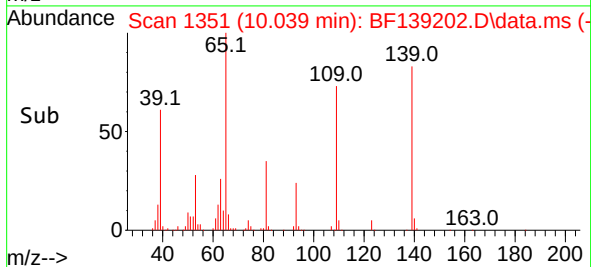
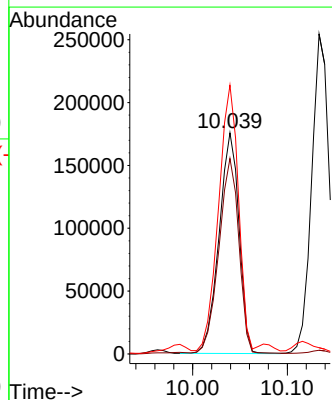
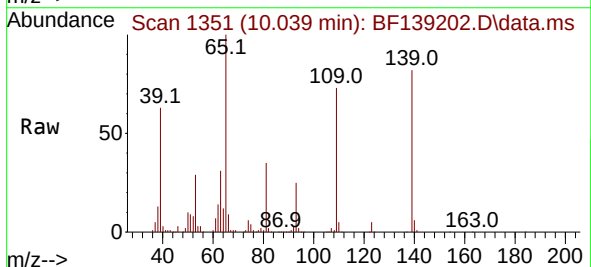
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

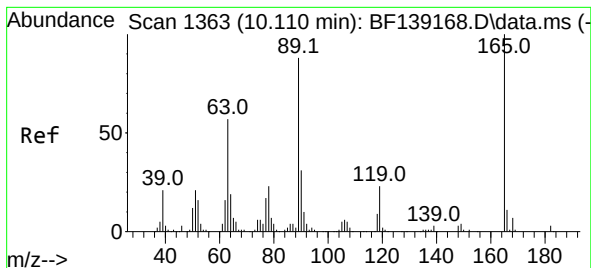
Tgt Ion:168 Resp: 829838
Ion Ratio Lower Upper
168 100
139 39.8 31.5 47.3
169 13.8 10.7 16.1



#56
4-Nitrophenol
Concen: 109.890 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.011 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:139 Resp: 257665
Ion Ratio Lower Upper
139 100
109 88.4 68.2 108.2
65 121.6 104.7 144.7





#57

2,4-Dinitrotoluene

Concen: 57.411 ng

RT: 10.116 min Scan# 1363

Delta R.T. 0.006 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

Tgt Ion:165 Resp: 200941

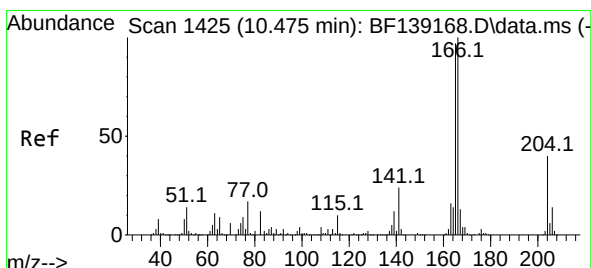
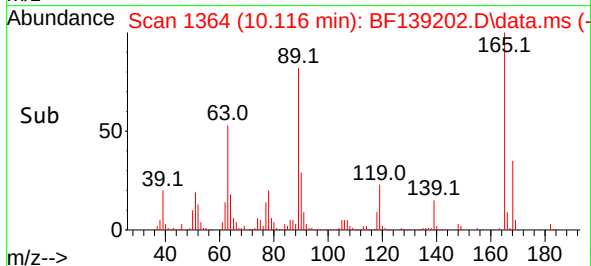
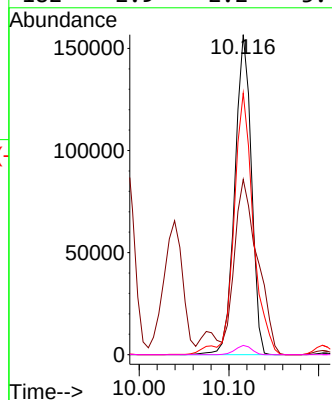
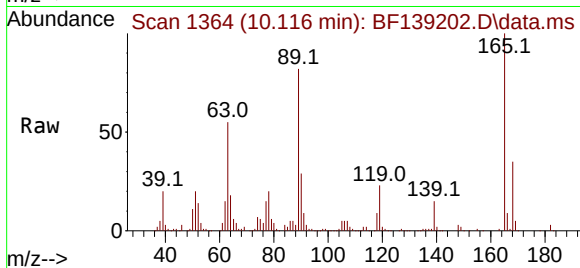
Ion Ratio Lower Upper

165 100

63 54.7 46.2 69.2

89 81.8 70.2 105.4

182 2.9 2.2 3.4



#58

Fluorene

Concen: 48.353 ng

RT: 10.475 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

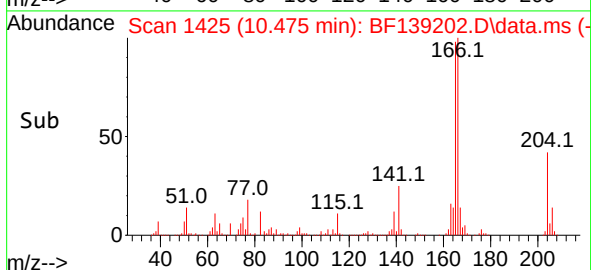
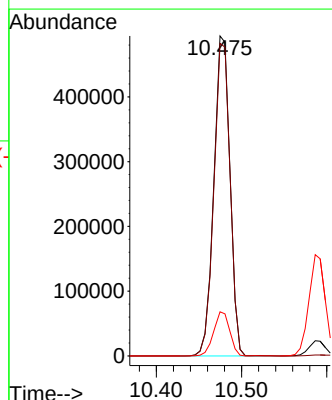
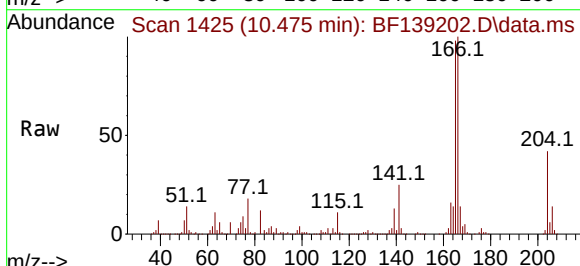
Tgt Ion:166 Resp: 649223

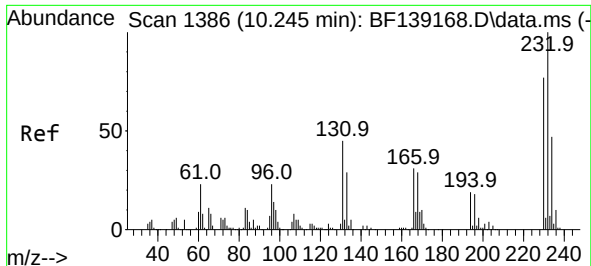
Ion Ratio Lower Upper

166 100

165 97.7 77.8 116.8

167 13.8 10.8 16.2

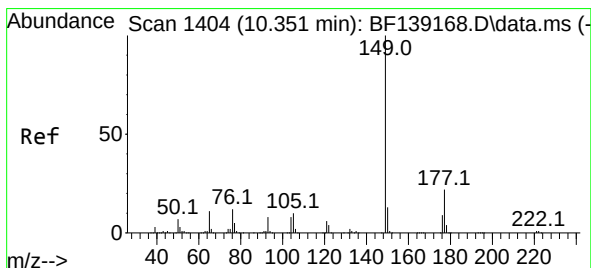
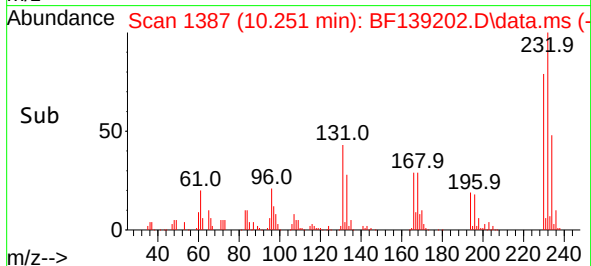
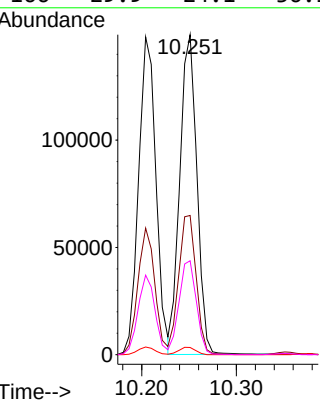
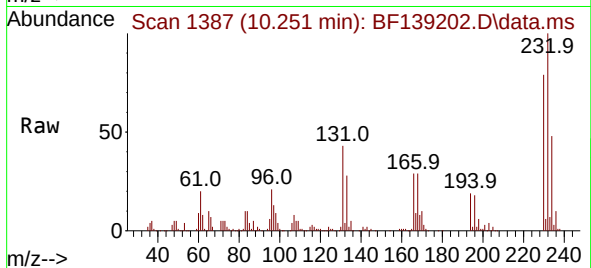




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.523 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

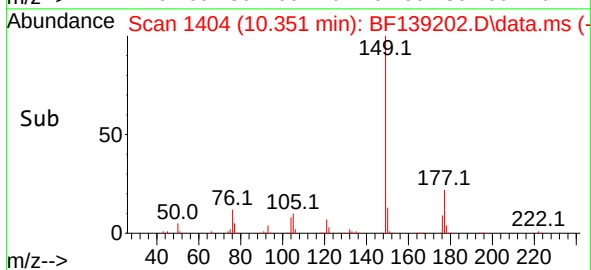
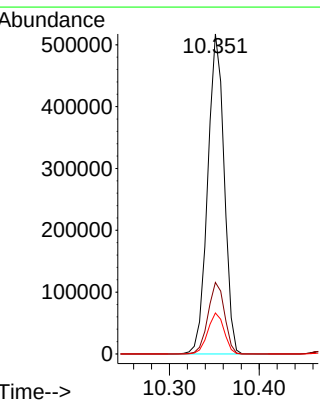
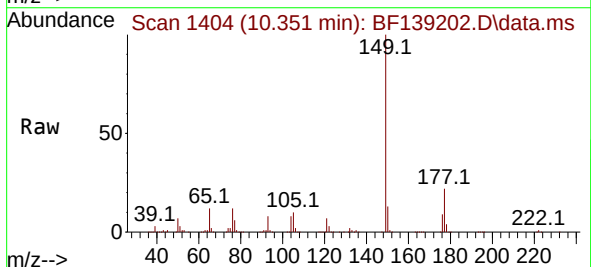
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

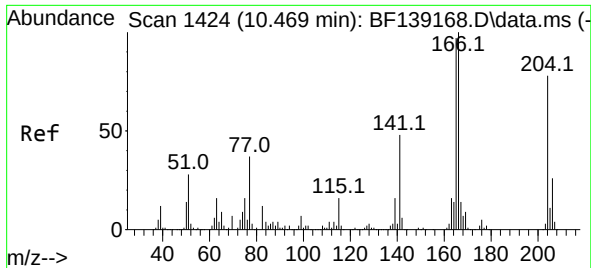
Tgt Ion:232 Resp: 187011
Ion Ratio Lower Upper
232 100
131 45.0 34.9 52.3
130 2.3 1.9 2.9
166 29.9 24.1 36.1



#60
Diethylphthalate
Concen: 55.478 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:149 Resp: 658383
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.8 10.0 15.0

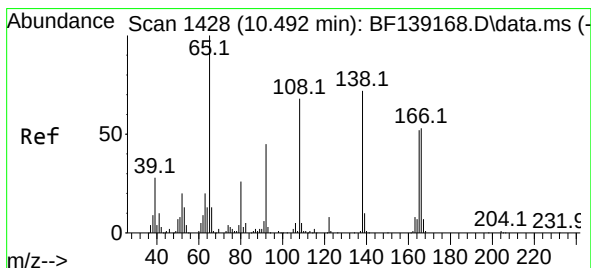
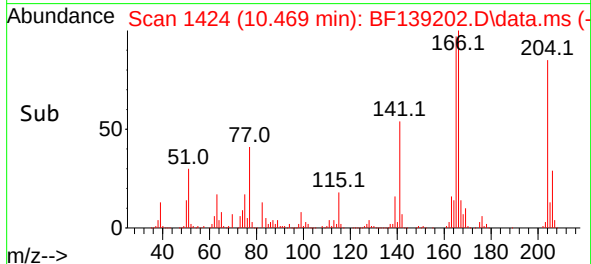
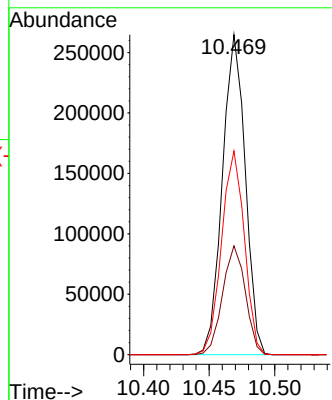
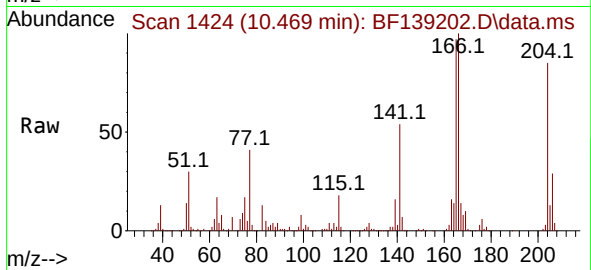




#61
4-Chlorophenyl-phenylether
Concen: 48.634 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

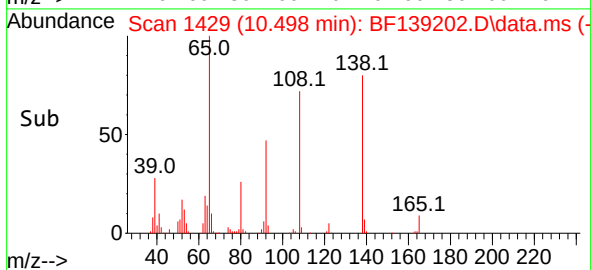
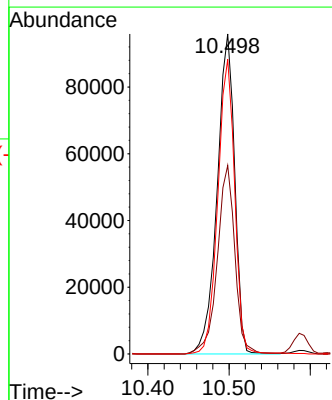
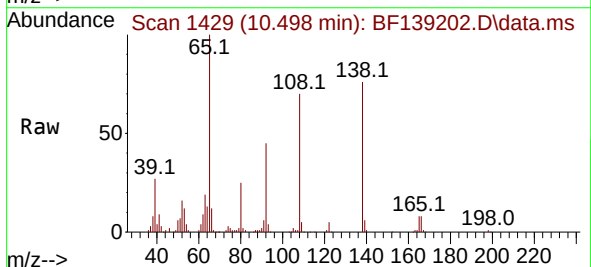
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

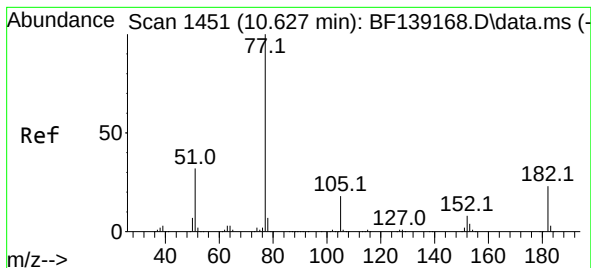
Tgt Ion:204 Resp: 320467
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.4
141 63.6 49.6 74.4



#62
4-Nitroaniline
Concen: 51.715 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:138 Resp: 144318
Ion Ratio Lower Upper
138 100
92 58.9 42.4 82.4
108 92.1 74.0 114.0





#63

Azobenzene

Concen: 50.141 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

Tgt Ion: 77 Resp: 723378

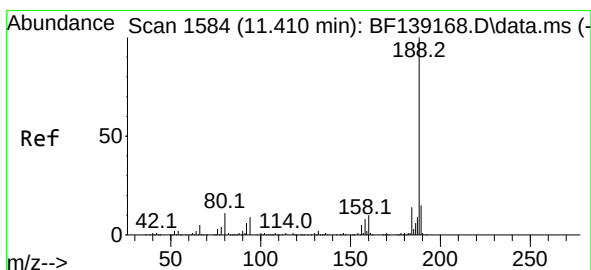
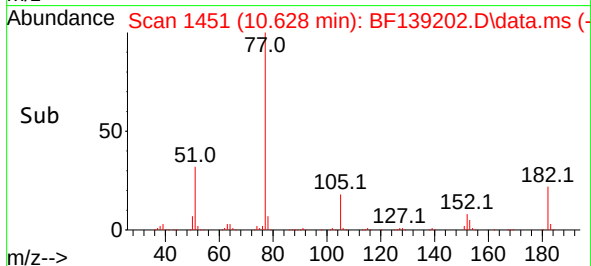
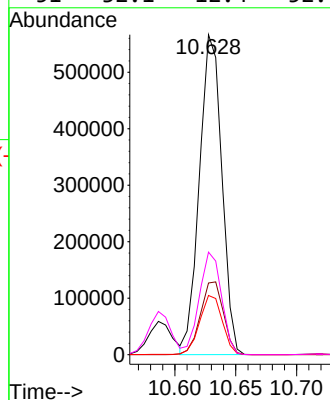
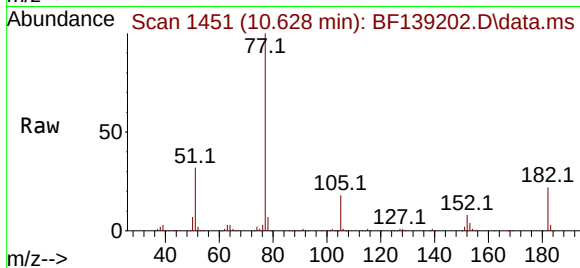
Ion Ratio Lower Upper

77 100

182 22.4 2.4 42.4

105 18.5 0.0 38.2

51 32.1 12.4 52.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

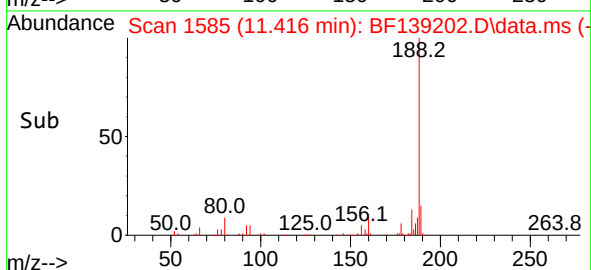
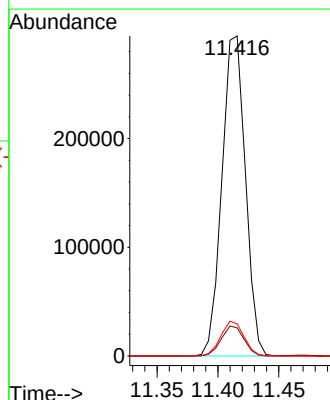
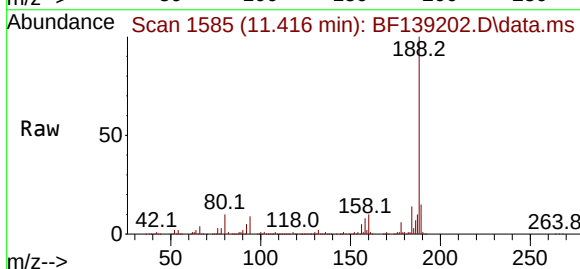
Tgt Ion: 188 Resp: 395038

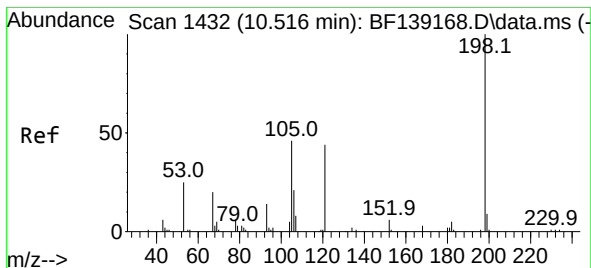
Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 10.0 8.9 13.3

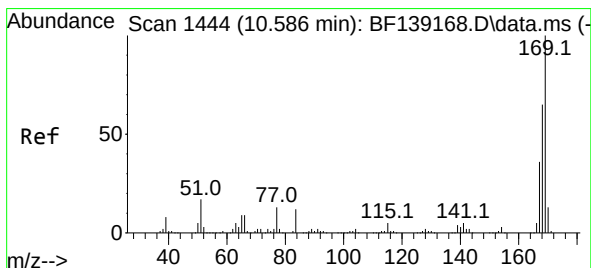
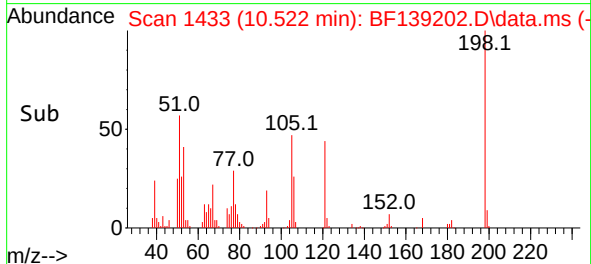
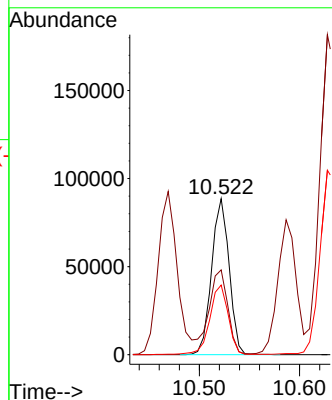
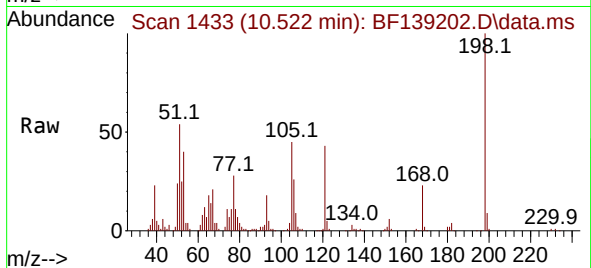




#65
4,6-Dinitro-2-methylphenol
Concen: 63.201 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

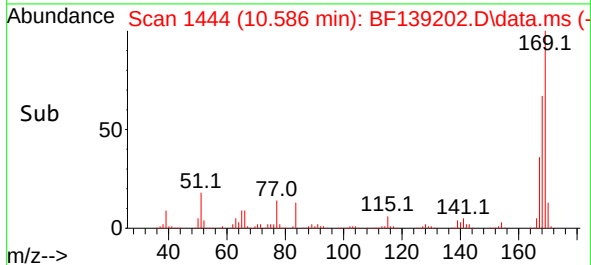
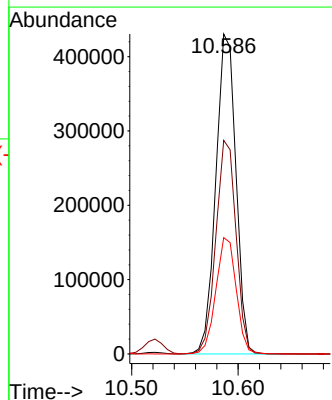
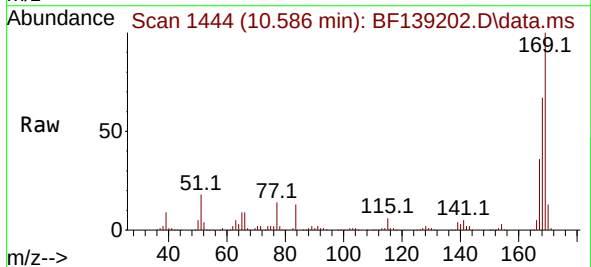
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

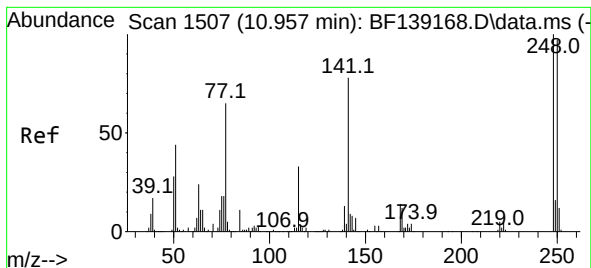
Tgt Ion:198 Resp: 107485
Ion Ratio Lower Upper
198 100
51 54.4 39.2 79.2
105 44.6 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 48.161 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:169 Resp: 563456
Ion Ratio Lower Upper
169 100
168 66.7 52.3 78.5
167 36.3 29.0 43.4

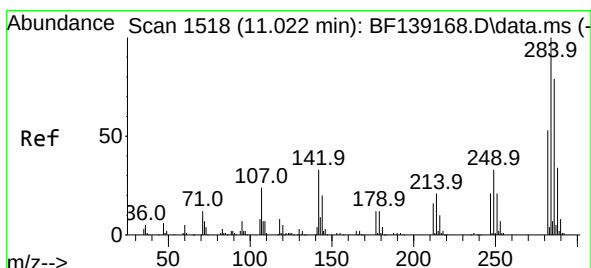
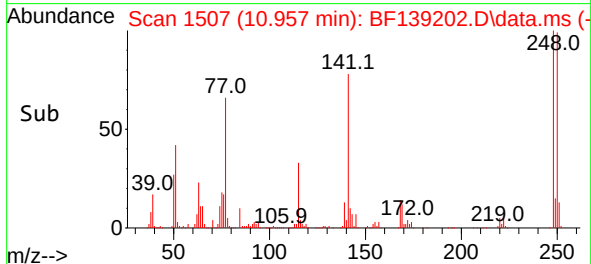
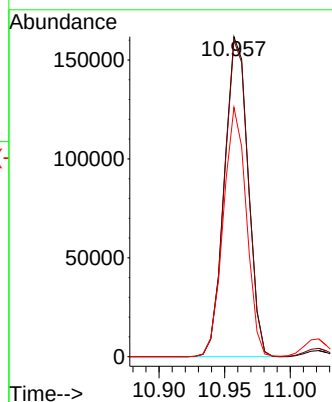
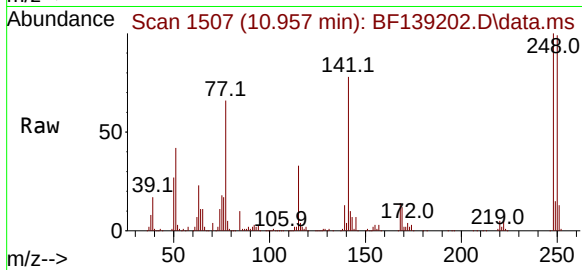




#67
4-Bromophenyl-phenylether
Concen: 48.498 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

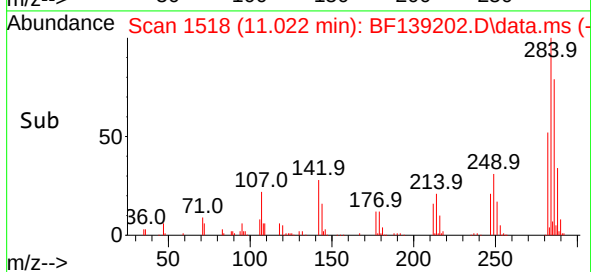
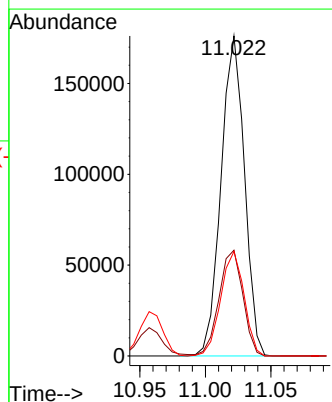
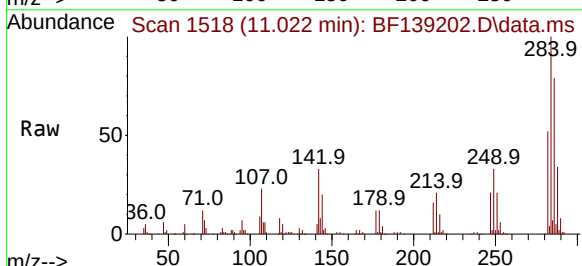
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

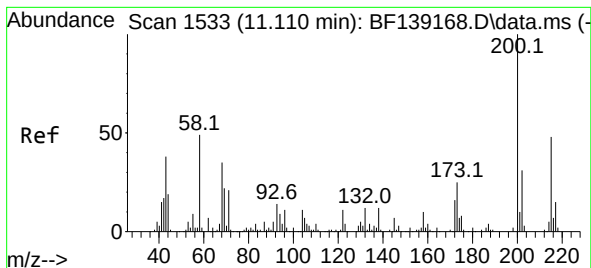
Tgt Ion:248 Resp: 203565
Ion Ratio Lower Upper
248 100
250 98.9 78.0 117.0
141 77.9 62.6 94.0



#68
Hexachlorobenzene
Concen: 48.066 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:284 Resp: 218339
Ion Ratio Lower Upper
284 100
142 33.0 26.6 40.0
249 32.6 26.5 39.7





#69

Atrazine

Concen: 70.747 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

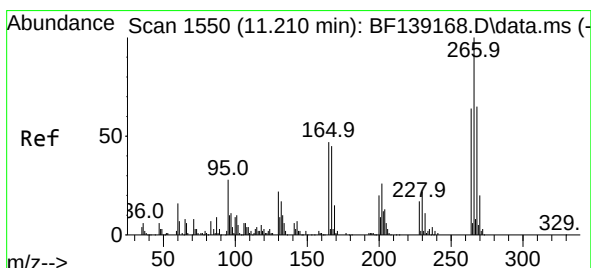
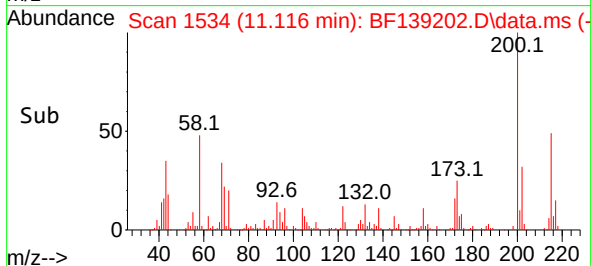
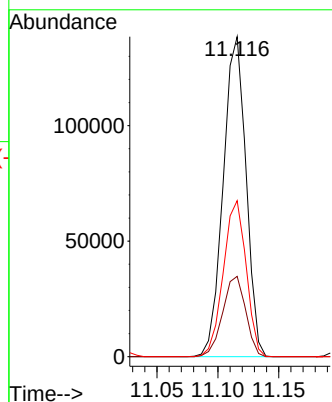
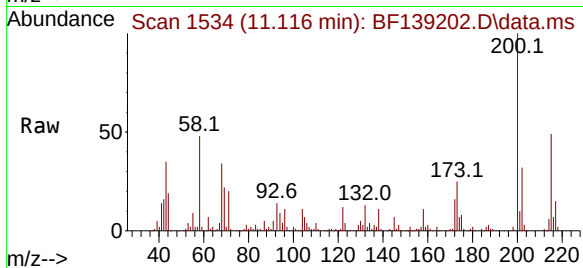
Tgt Ion:200 Resp: 180535

Ion Ratio Lower Upper

200 100

173 25.1 4.7 44.7

215 48.8 28.2 68.2



#70

Pentachlorophenol

Concen: 102.930 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

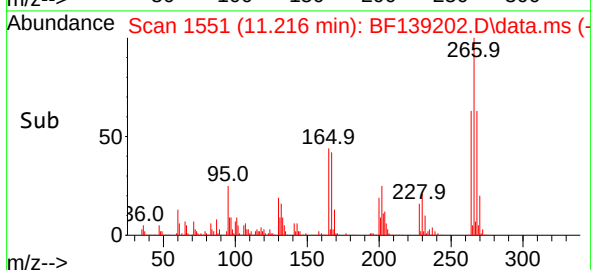
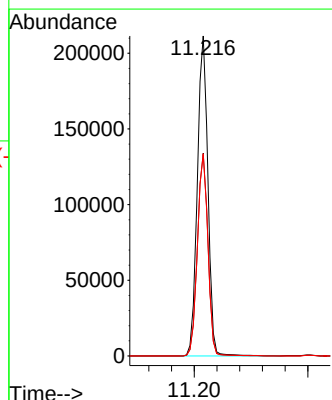
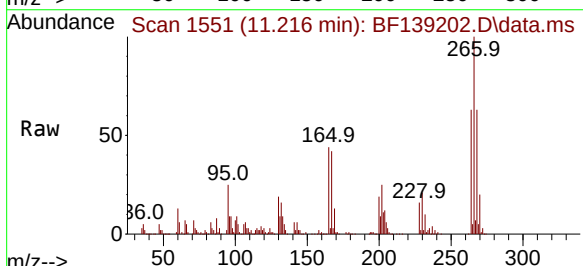
Tgt Ion:266 Resp: 274506

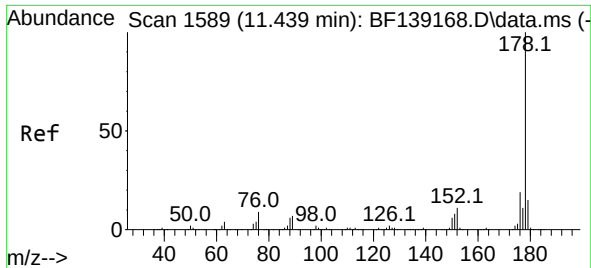
Ion Ratio Lower Upper

266 100

268 63.4 51.8 77.8

264 63.0 51.0 76.6

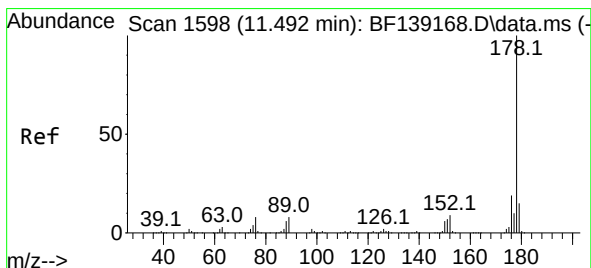
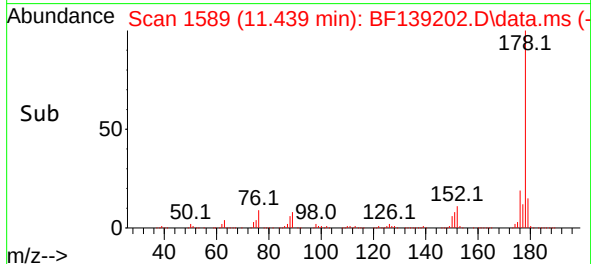
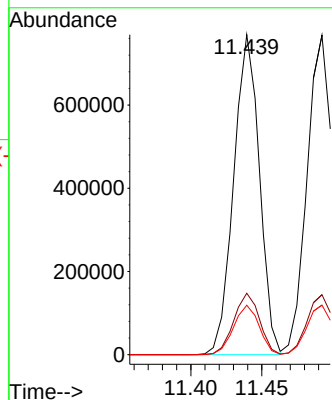
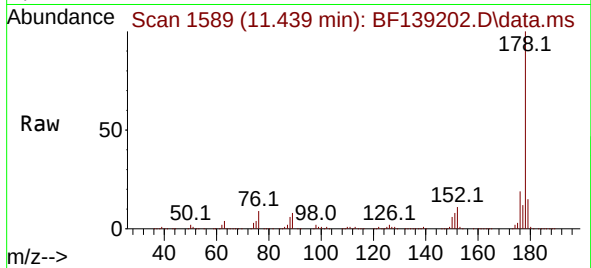




#71
Phenanthrene
Concen: 48.546 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

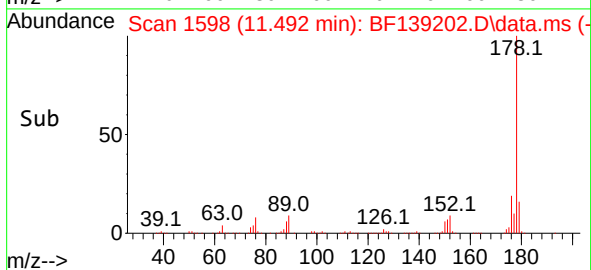
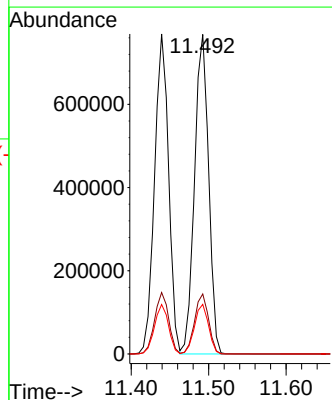
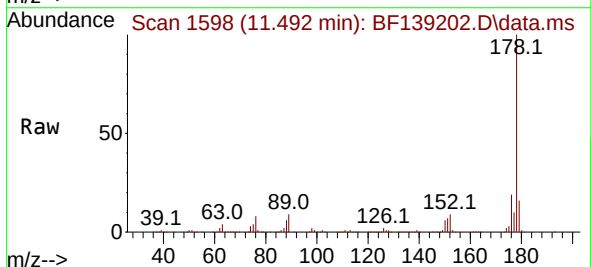
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

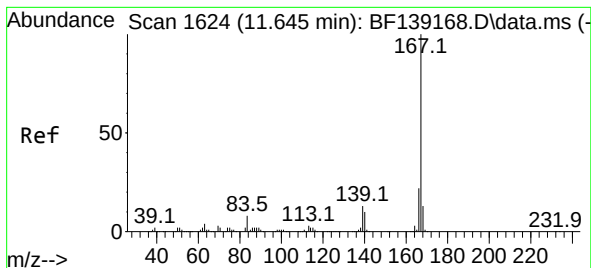
Tgt Ion:178 Resp: 969096
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.2 18.4



#72
Anthracene
Concen: 49.738 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:178 Resp: 967869
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.3 18.5





#73

Carbazole

Concen: 47.232 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

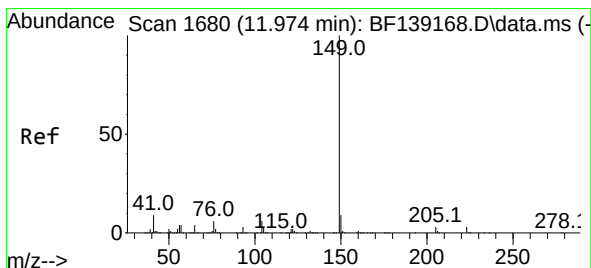
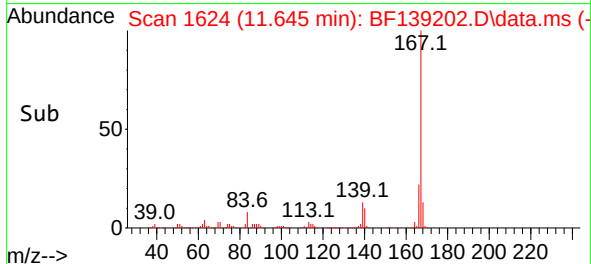
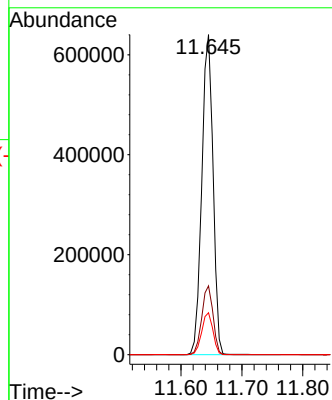
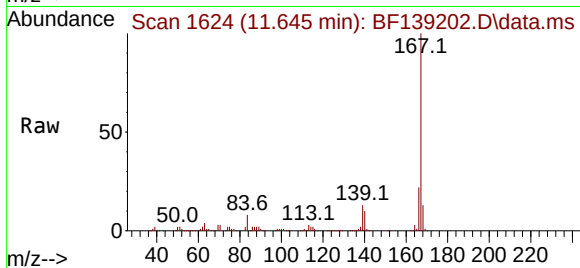
Tgt Ion:167 Resp: 822196

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 60.594 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

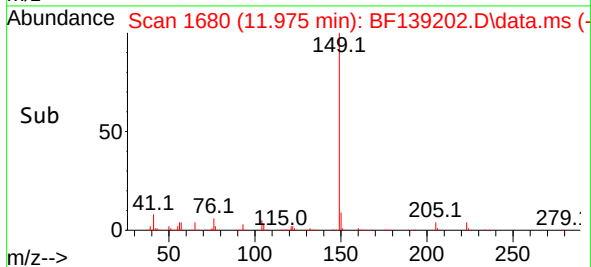
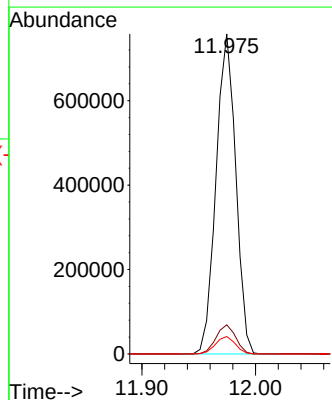
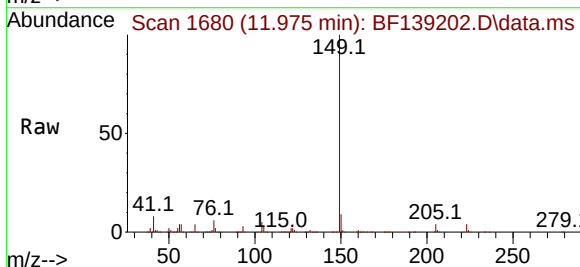
Tgt Ion:149 Resp: 914192

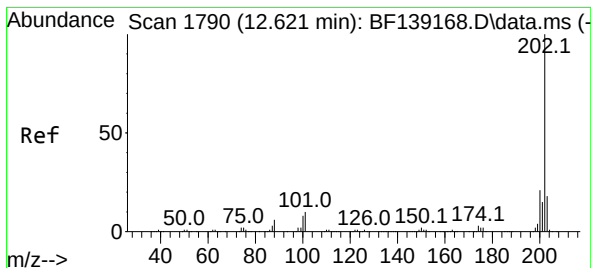
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.5 4.4 6.6





#75

Fluoranthene

Concen: 48.394 ng

RT: 12.628 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

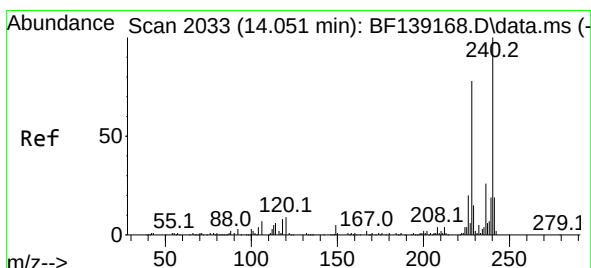
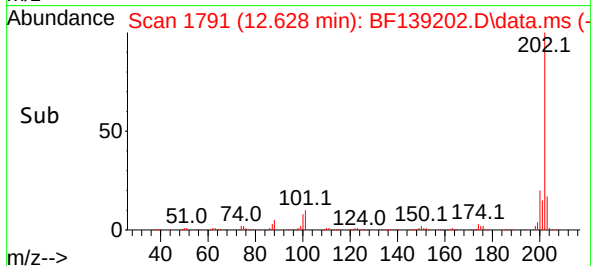
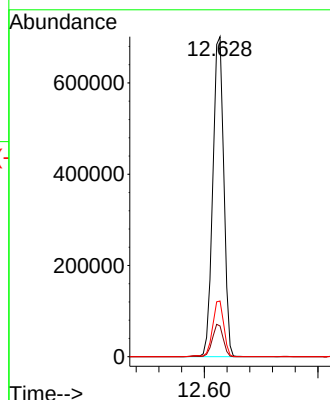
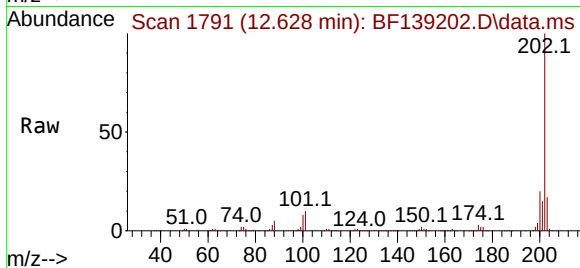
Tgt Ion:202 Resp: 937525

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.1

203 17.4 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

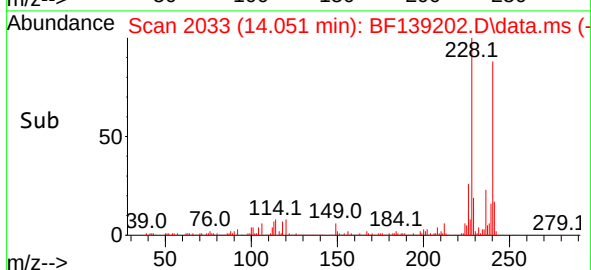
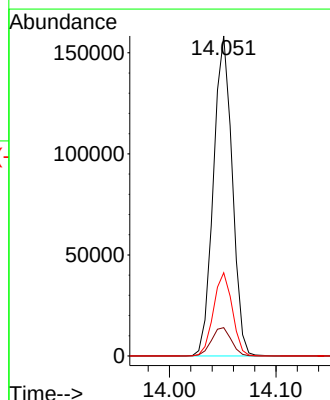
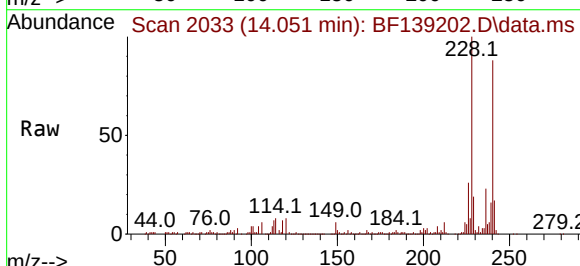
Tgt Ion:240 Resp: 193809

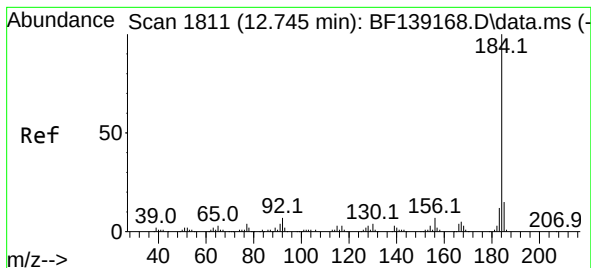
Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

236 26.0 20.9 31.3





#77

Benzidine

Concen: 32.172 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

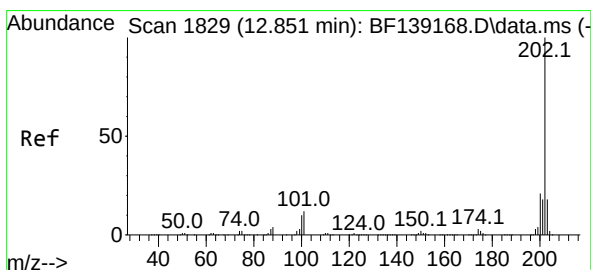
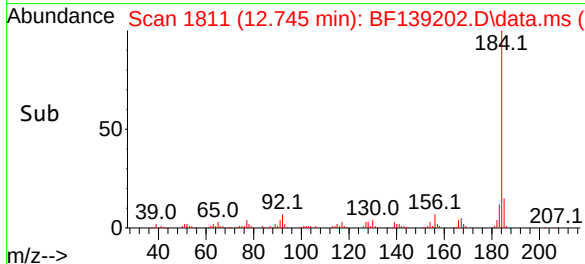
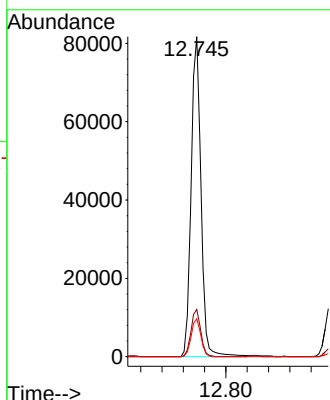
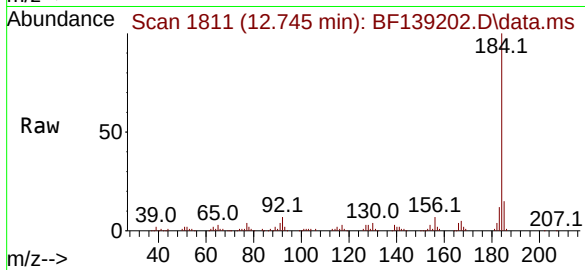
Tgt Ion:184 Resp: 105216

Ion Ratio Lower Upper

184 100

185 14.7 12.1 18.1

183 11.9 9.4 14.0



#78

Pyrene

Concen: 50.226 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

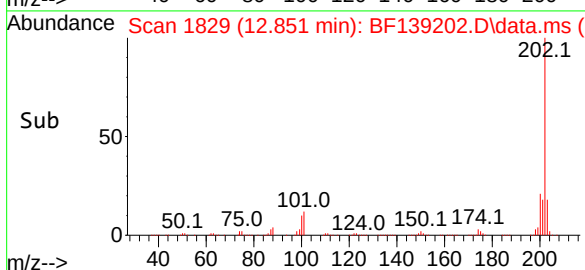
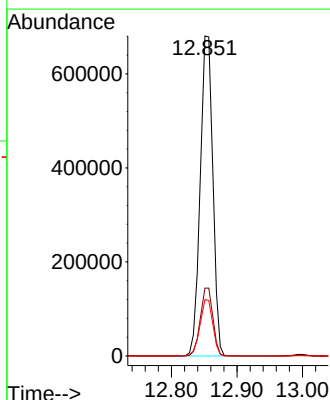
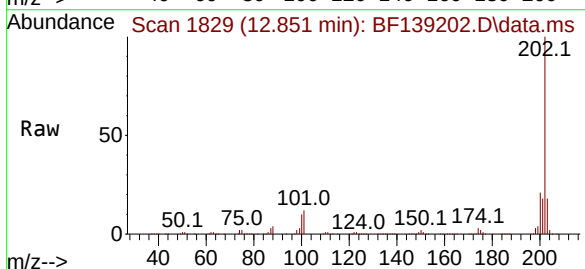
Tgt Ion:202 Resp: 914365

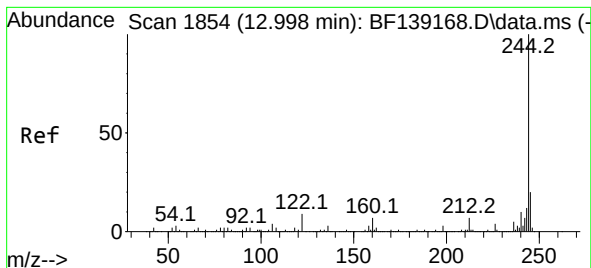
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 108.483 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

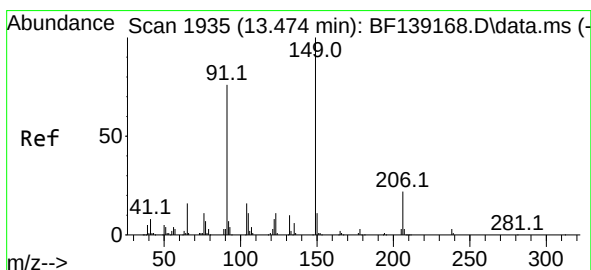
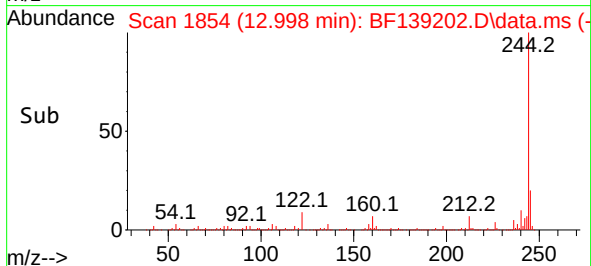
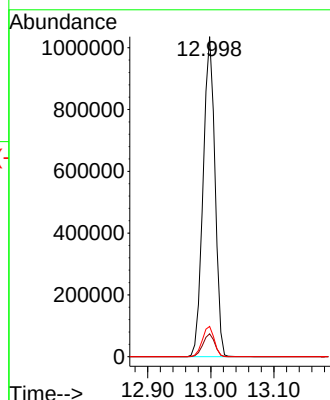
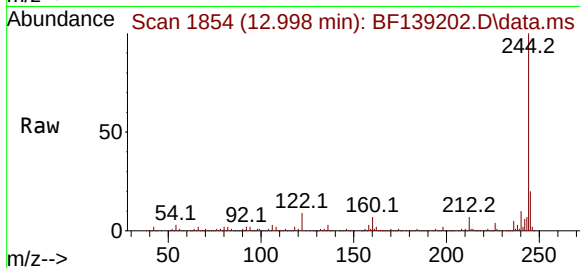
Tgt Ion:244 Resp: 1347470

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 9.4 7.6 11.4



#80

Butylbenzylphthalate

Concen: 62.503 ng

RT: 13.475 min Scan# 1935

Delta R.T. 0.001 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

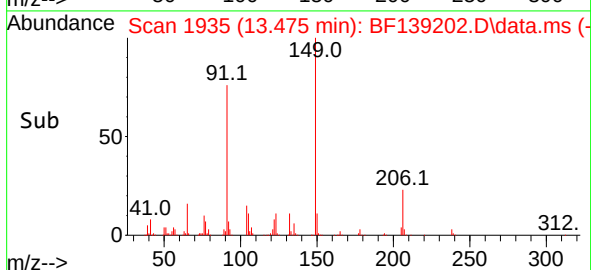
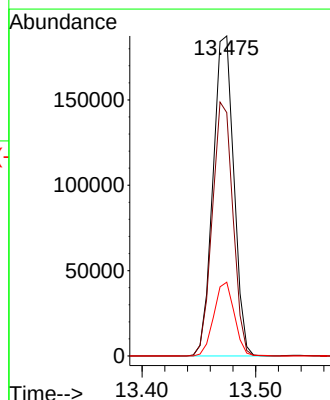
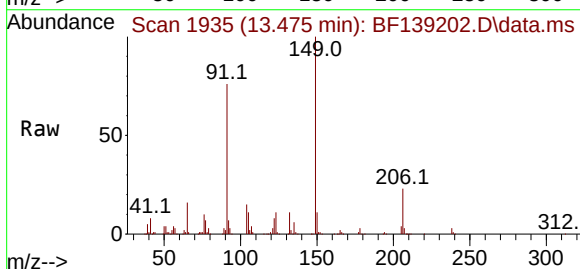
Tgt Ion:149 Resp: 239346

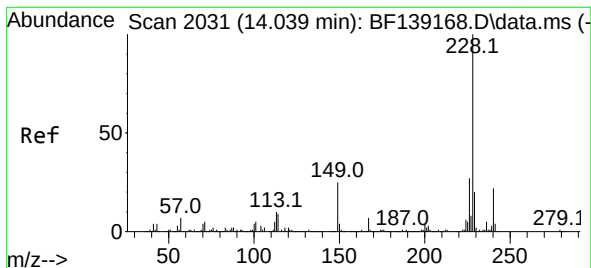
Ion Ratio Lower Upper

149 100

91 76.1 60.9 91.3

206 23.0 17.7 26.5





#81

Benzo(a)anthracene

Concen: 48.916 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

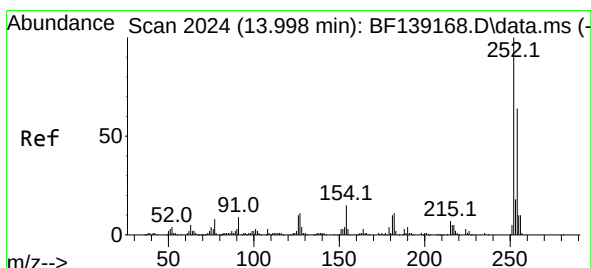
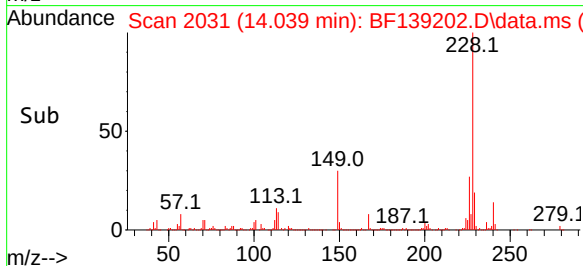
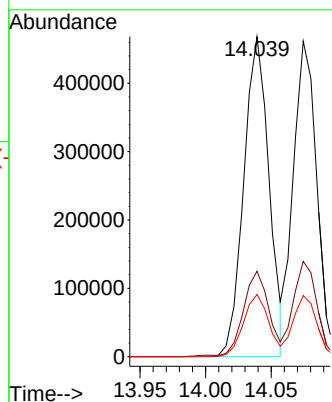
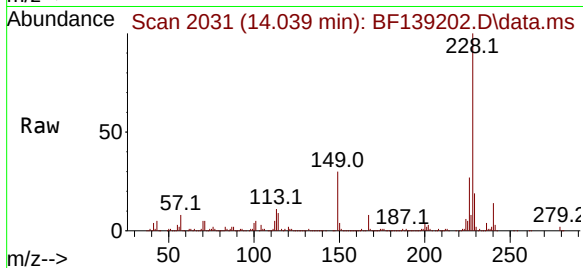
Tgt Ion:228 Resp: 628151

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.2

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 49.854 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

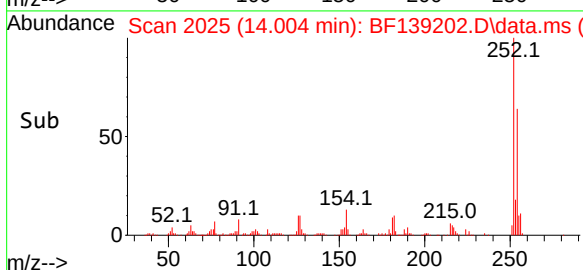
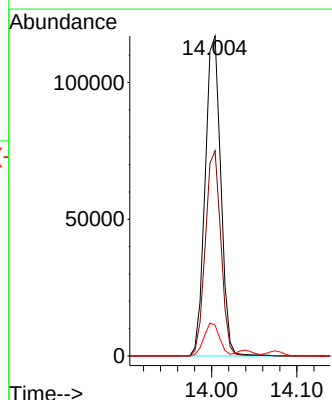
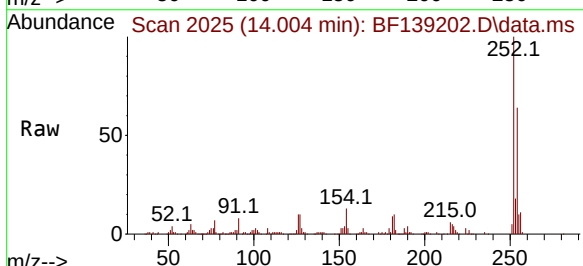
Tgt Ion:252 Resp: 149055

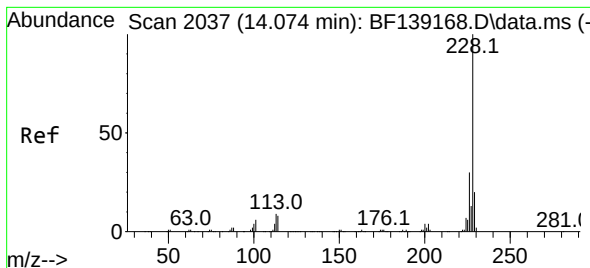
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.0

126 9.6 8.2 12.2





#83

Chrysene

Concen: 49.203 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

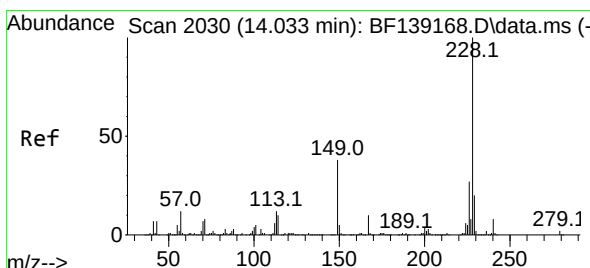
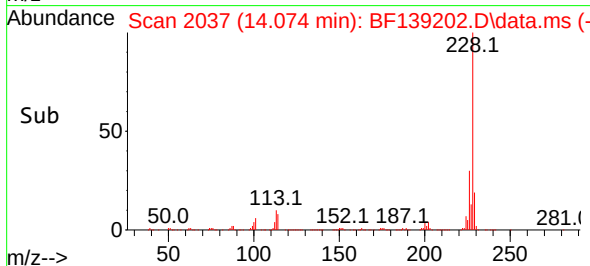
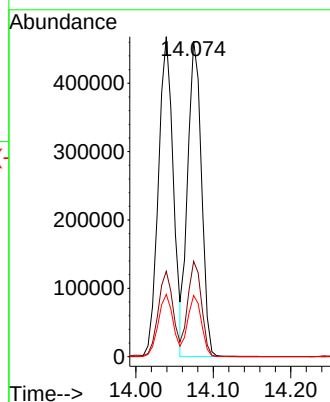
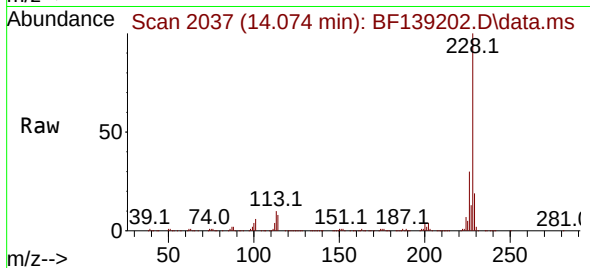
Tgt Ion:228 Resp: 569951

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.368 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

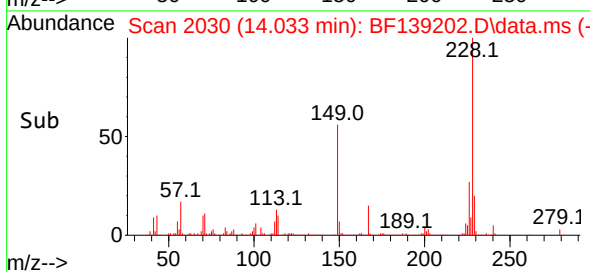
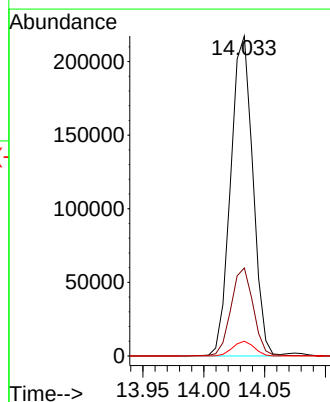
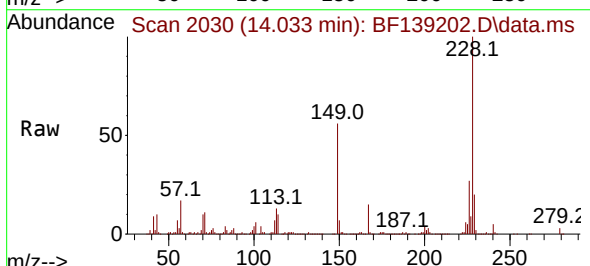
Tgt Ion:149 Resp: 275070

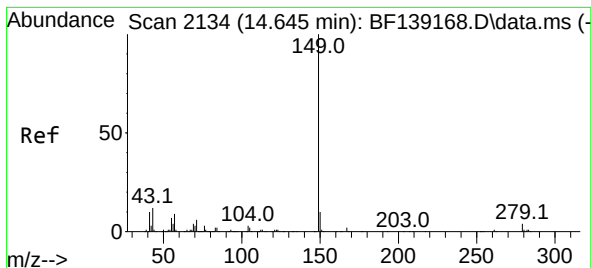
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 58.475 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB163034BSD

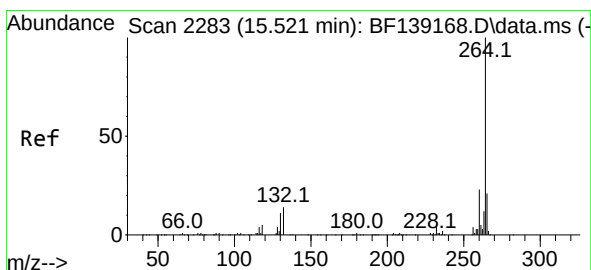
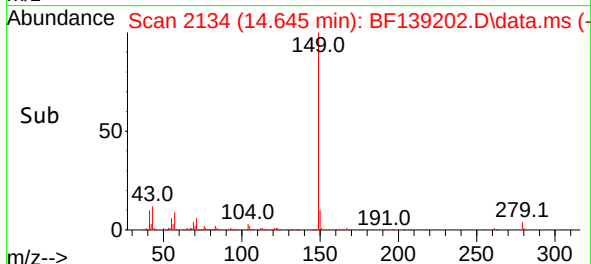
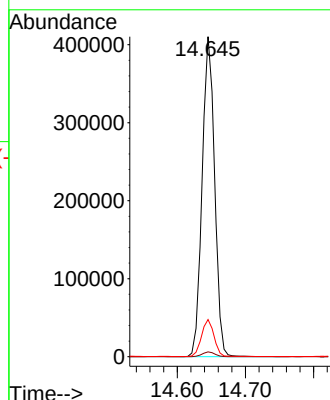
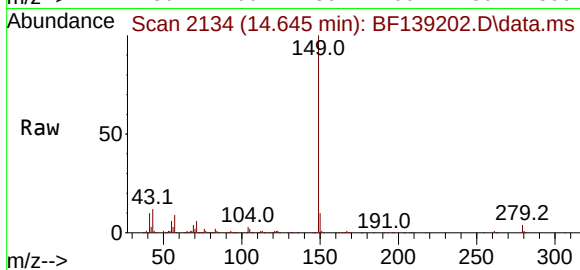
Tgt Ion:149 Resp: 522438

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.5 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF139202.D

Acq: 28 Aug 2024 11:38

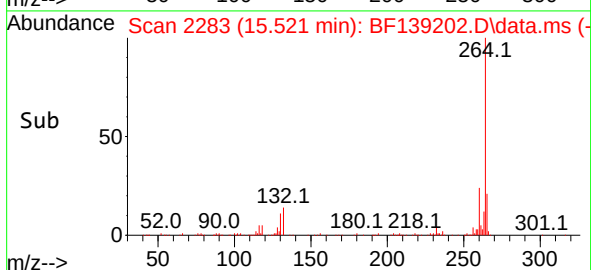
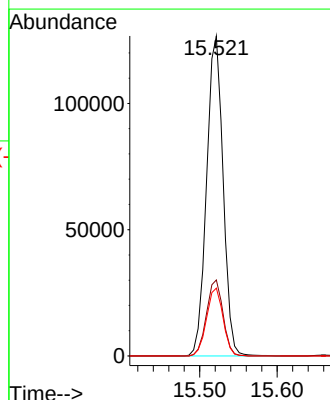
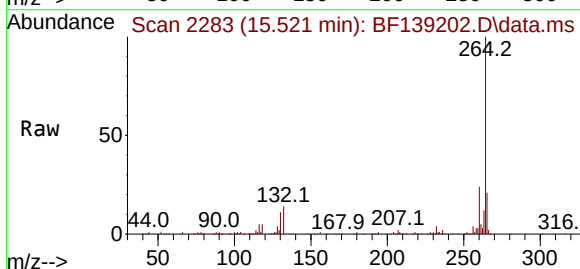
Tgt Ion:264 Resp: 187033

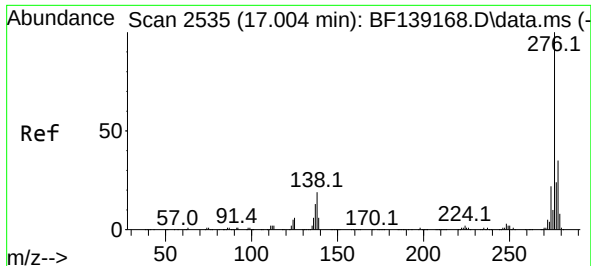
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.2 17.0 25.6

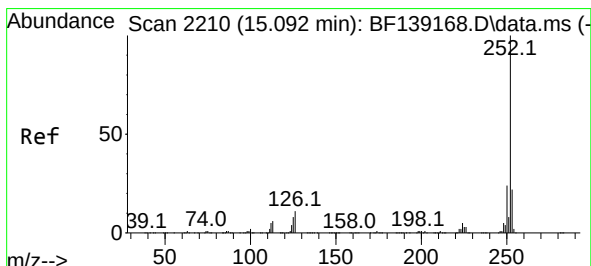
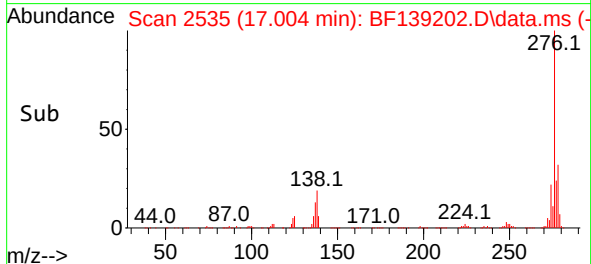
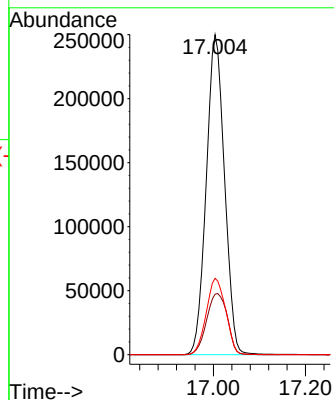
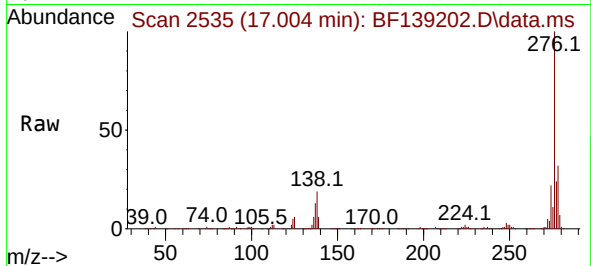




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.881 ng
 RT: 17.004 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: BF139202.D
 Acq: 28 Aug 2024 11:38

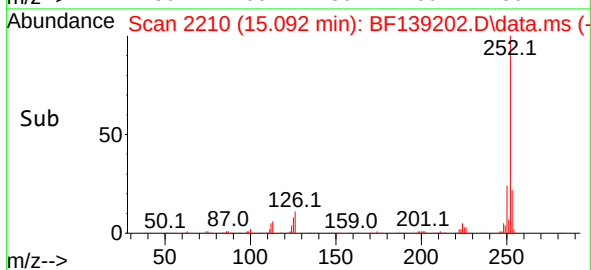
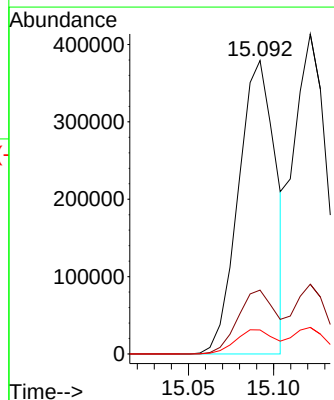
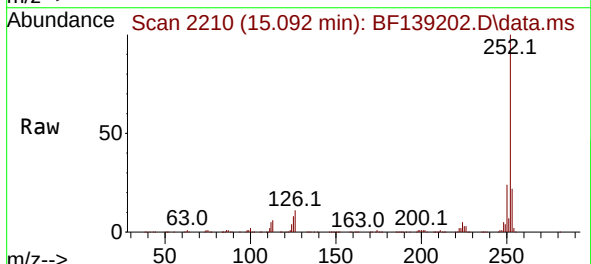
Instrument :
 BNA_F
 ClientSampleId :
 PB163034BSD

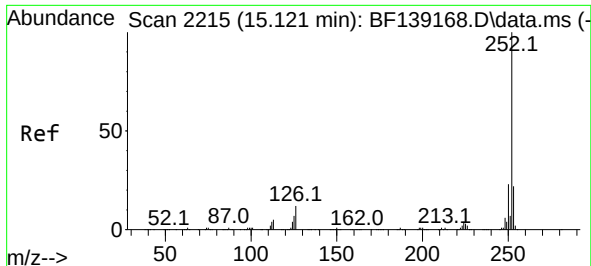
Tgt Ion:276 Resp: 689061
 Ion Ratio Lower Upper
 276 100
 138 21.7 17.4 26.2
 277 25.4 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 52.630 ng
 RT: 15.092 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: BF139202.D
 Acq: 28 Aug 2024 11:38

Tgt Ion:252 Resp: 575818
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.0 27.0
 125 8.2 6.7 10.1

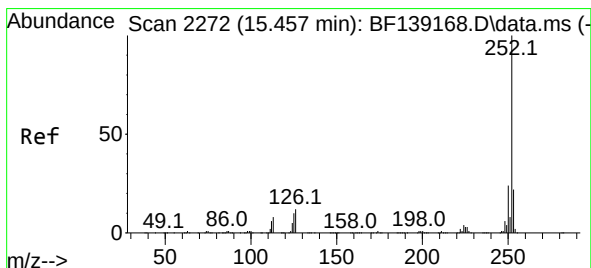
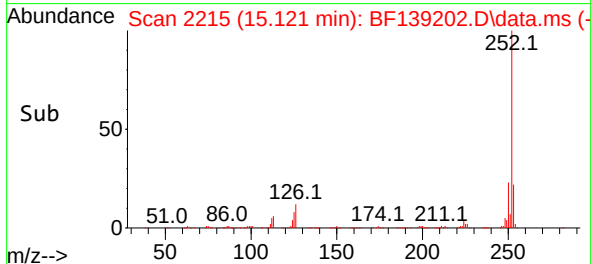
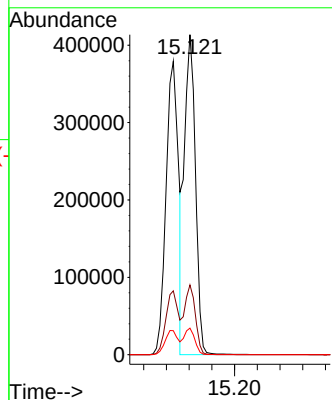
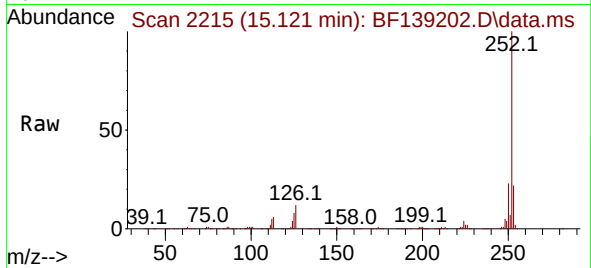




#89
Benzo(k)fluoranthene
Concen: 56.300 ng
RT: 15.121 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

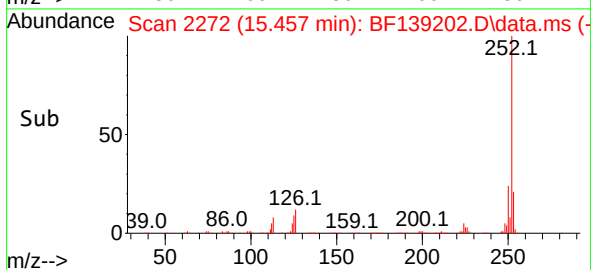
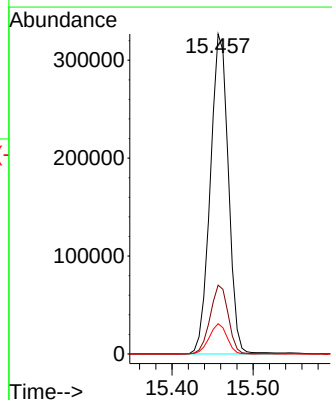
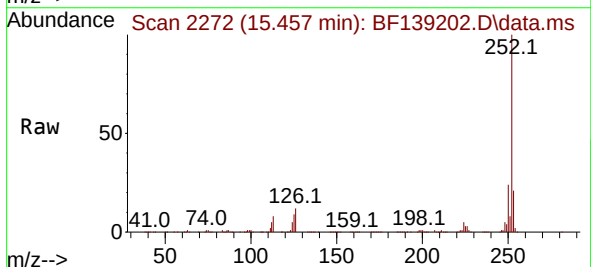
Instrument :
BNA_F
ClientSampleId :
PB163034BSD

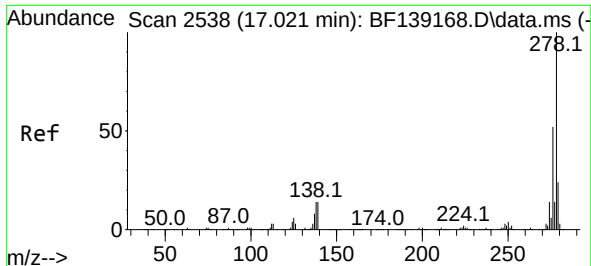
Tgt Ion:252 Resp: 556895
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 8.3 6.5 9.7



#90
Benzo(a)pyrene
Concen: 54.448 ng
RT: 15.457 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:252 Resp: 505638
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.5 7.8 11.6

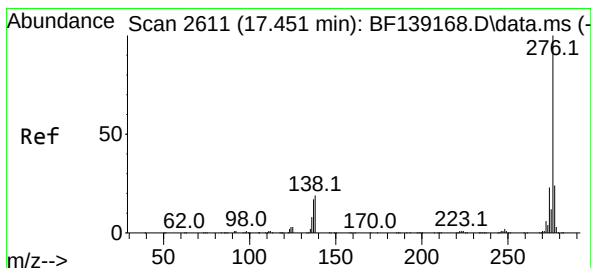
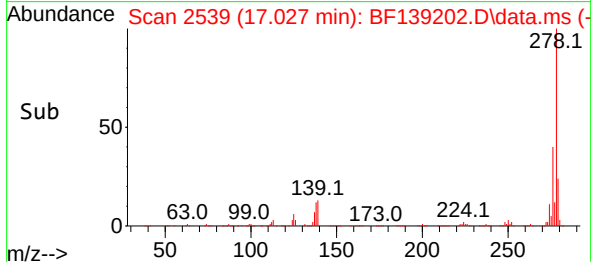
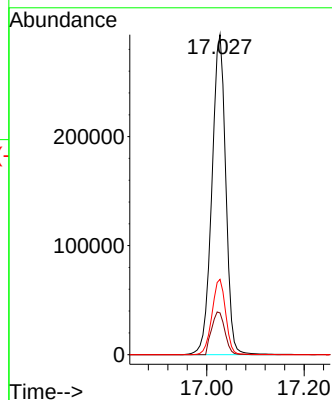
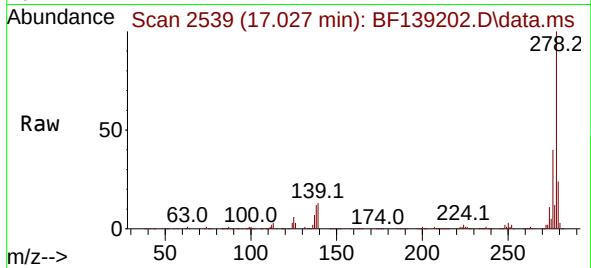




#91
Dibenzo(a,h)anthracene
Concen: 55.085 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Instrument :
BNA_F
ClientSampleId :
PB163034BSD

Tgt Ion:278 Resp: 577395
Ion Ratio Lower Upper
278 100
139 13.0 11.2 16.8
279 23.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 52.368 ng
RT: 17.457 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF139202.D
Acq: 28 Aug 2024 11:38

Tgt Ion:276 Resp: 567774
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 17.8 15.0 22.6

