

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139201.D
 Acq On : 28 Aug 2024 11:08
 Operator : RC/JU
 Sample : PB163034BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163034BS

Quant Time: Aug 28 11:55:23 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	103223	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	391077	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	212799	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	388796	20.000	ng	0.00
76) Chrysene-d12	14.051	240	197039	20.000	ng	0.00
86) Perylene-d12	15.521	264	190668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	604636	98.428	ng	0.02
7) Phenol-d6	6.522	99	795929	94.409	ng	0.00
23) Nitrobenzene-d5	7.457	82	771643	109.312	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	219679	120.536	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1285238	93.818	ng	0.00
79) Terphenyl-d14	12.998	244	1341750	106.252	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	111017	38.215	ng	98
3) Pyridine	3.522	79	293468	40.648	ng	98
4) n-Nitrosodimethylamine	3.493	42	188098	44.751	ng	96
6) Aniline	6.551	93	329899	41.745	ng	93
8) 2-Chlorophenol	6.675	128	321510	55.089	ng	98
9) Benzaldehyde	6.440	77	27155	5.146	ng	97
10) Phenol	6.534	94	438007	51.480	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	326168	48.654	ng	99
12) 1,3-Dichlorobenzene	6.834	146	346520	45.024	ng	99
13) 1,4-Dichlorobenzene	6.910	146	350022	45.331	ng	100
14) 1,2-Dichlorobenzene	7.063	146	334707	46.071	ng	99
15) Benzyl Alcohol	7.034	79	336138	52.897	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	475152	48.893	ng	99
17) 2-Methylphenol	7.145	107	271435	51.017	ng	99
18) Hexachloroethane	7.404	117	126362	51.725	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	263663	52.290	ng	100
20) 3+4-Methylphenols	7.298	107	341525	50.323	ng	98
22) Acetophenone	7.304	105	461426	45.920	ng	99
24) Nitrobenzene	7.475	77	389046	47.349	ng	96
25) Isophorone	7.716	82	704724	50.482	ng	99
26) 2-Nitrophenol	7.787	139	159252	59.796	ng	98
27) 2,4-Dimethylphenol	7.828	122	295751	71.479	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	390804	48.354	ng	100
29) 2,4-Dichlorophenol	8.028	162	272507	53.359	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	300442	45.619	ng	100
31) Naphthalene	8.198	128	914803	45.748	ng	100
32) Benzoic acid	7.945	122	185960	51.648	ng	99
33) 4-Chloroaniline	8.240	127	192236	27.896	ng	98
34) Hexachlorobutadiene	8.310	225	193680	45.256	ng	99
35) Caprolactam	8.610	113	47005	30.003	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	303862	51.879	ng	98
37) 2-Methylnaphthalene	8.887	142	590987	47.143	ng	99
38) 1-Methylnaphthalene	8.987	142	548868	44.796	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	299032	47.376	ng	97
41) Hexachlorocyclopentadiene	9.039	237	413063	203.804	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	206657	58.555	ng	100

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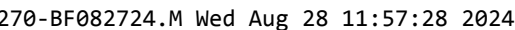
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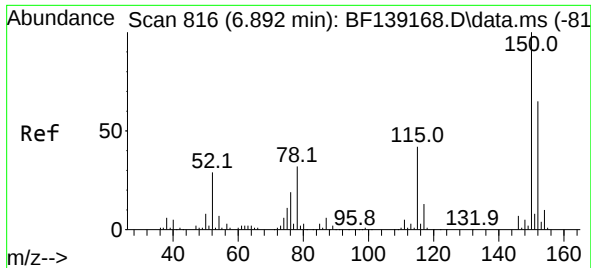
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	212110	57.337	ng	98
46) 1,1'-Biphenyl	9.351	154	733407	47.615	ng	100
47) 2-Chloronaphthalene	9.375	162	578795	47.101	ng	98
48) 2-Nitroaniline	9.469	65	204198	55.432	ng	97
49) Acenaphthylene	9.792	152	881948	50.936	ng	100
50) Dimethylphthalate	9.651	163	682150	55.492	ng	100
51) 2,6-Dinitrotoluene	9.710	165	151995	56.712	ng	93
52) Acenaphthene	9.963	154	649355	57.088	ng	98
53) 3-Nitroaniline	9.881	138	105682	40.184	ng	97
54) 2,4-Dinitrophenol	9.986	184	165327	109.424	ng	# 49
55) Dibenzofuran	10.134	168	828293	49.896	ng	99
56) 4-Nitrophenol	10.039	139	255230	111.516	ng	98
57) 2,4-Dinitrotoluene	10.116	165	197125	57.706	ng	94
58) Fluorene	10.481	166	644396	49.203	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	184112	62.097	ng	98
60) Diethylphthalate	10.351	149	650103	56.161	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	320981	49.940	ng	99
62) 4-Nitroaniline	10.498	138	143553	52.680	ng	96
63) Azobenzene	10.628	77	716901	50.945	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	105429	63.054	ng	95
66) n-Nitrosodiphenylamine	10.586	169	561304	48.747	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	206935	50.093	ng	99
68) Hexachlorobenzene	11.022	284	217452	48.639	ng	99
69) Atrazine	11.116	200	178125	70.923	ng	98
70) Pentachlorophenol	11.216	266	270513	103.061	ng	99
71) Phenanthrene	11.439	178	958458	48.784	ng	100
72) Anthracene	11.492	178	953382	49.780	ng	100
73) Carbazole	11.645	167	820069	47.866	ng	100
74) Di-n-butylphthalate	11.975	149	906583	61.054	ng	99
75) Fluoranthene	12.622	202	936226	49.103	ng	100
77) Benzidine	12.745	184	102464	30.817	ng	99
78) Pyrene	12.851	202	917049	49.547	ng	100
80) Butylbenzylphthalate	13.469	149	246052	63.151	ng	95
81) Benzo(a)anthracene	14.039	228	643376	49.281	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	154719	50.900	ng	99
83) Chrysene	14.074	228	585297	49.699	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	290681	65.262	ng	99
85) Di-n-octyl phthalate	14.645	149	540646	59.360	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	687354	52.723	ng	99
88) Benzo(b)fluoranthene	15.092	252	600182	53.811	ng	99
89) Benzo(k)fluoranthene	15.121	252	558457	55.381	ng	100
90) Benzo(a)pyrene	15.457	252	509885	53.858	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	571859	53.517	ng	98
92) Benzo(g,h,i)perylene	17.457	276	564907	51.110	ng	99

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

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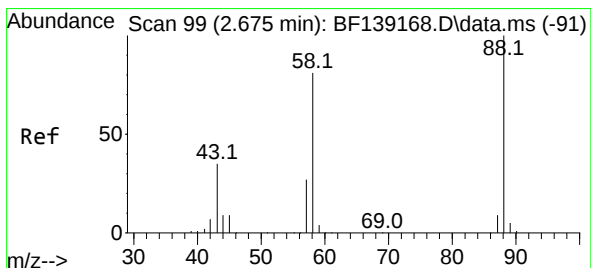
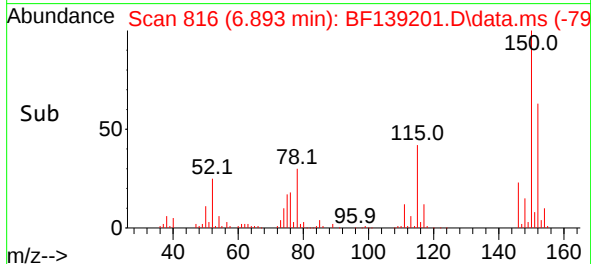
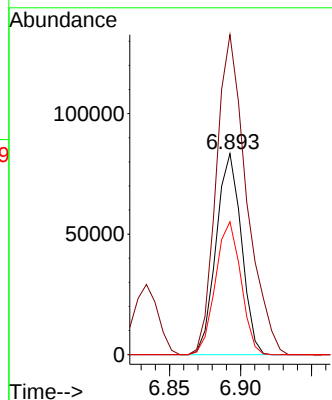
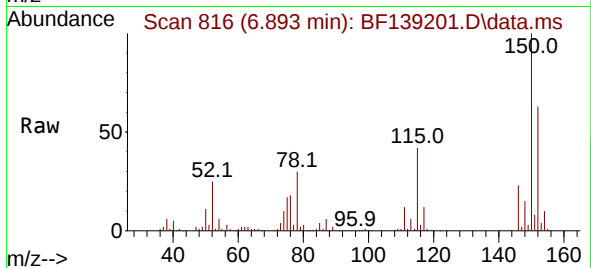




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF139201.D
 Acq: 28 Aug 2024 11:08

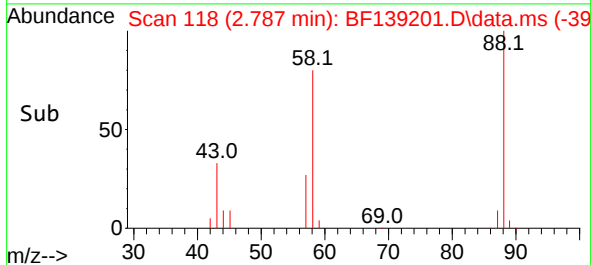
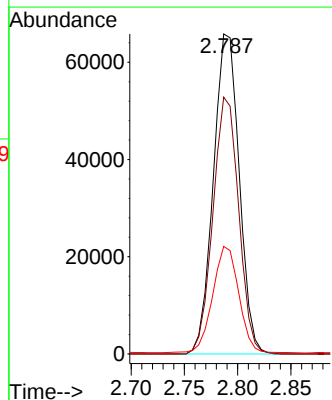
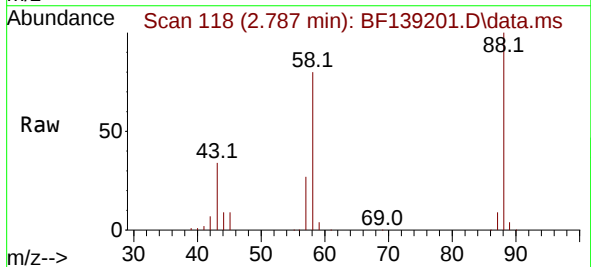
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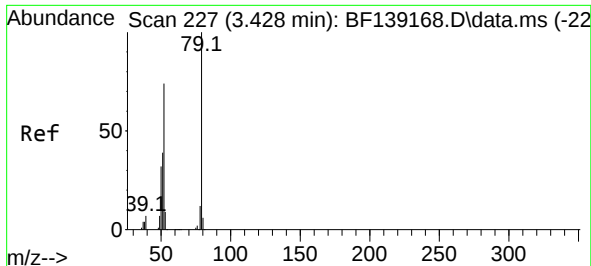
Tgt Ion:152 Resp: 103223
 Ion Ratio Lower Upper
 152 100
 150 159.0 123.7 185.5
 115 66.1 51.8 77.8



#2
 1,4-Dioxane
 Concen: 38.215 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.112 min
 Lab File: BF139201.D
 Acq: 28 Aug 2024 11:08

Tgt Ion: 88 Resp: 111017
 Ion Ratio Lower Upper
 88 100
 58 79.9 65.0 97.6
 43 33.7 28.4 42.6

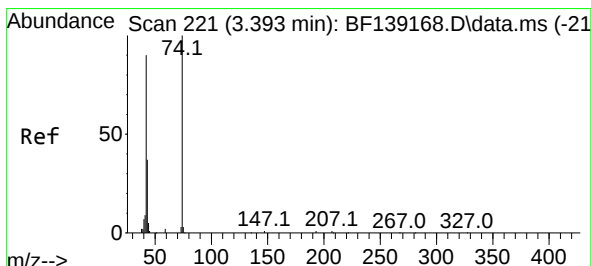
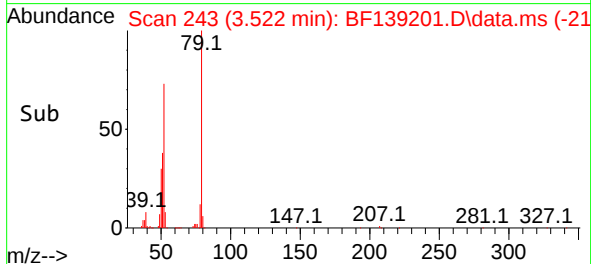
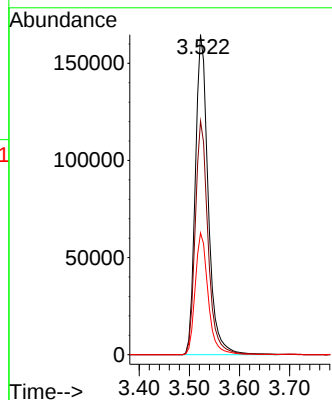
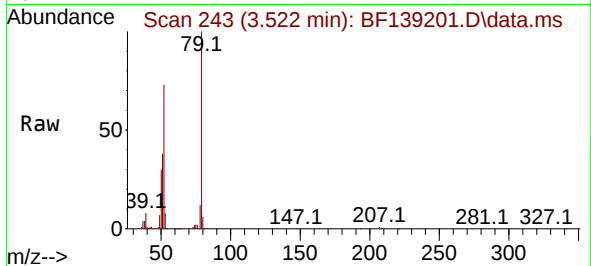




#3
 Pyridine
 Concen: 40.648 ng
 RT: 3.522 min Scan# 24
 Delta R.T. 0.094 min
 Lab File: BF139201.D
 Acq: 28 Aug 2024 11:08

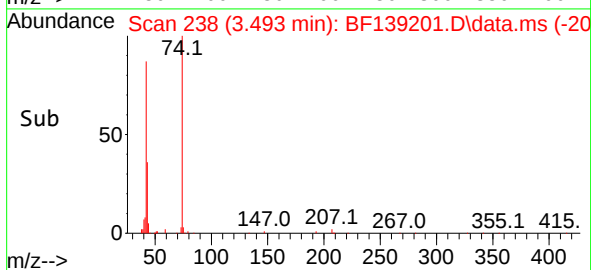
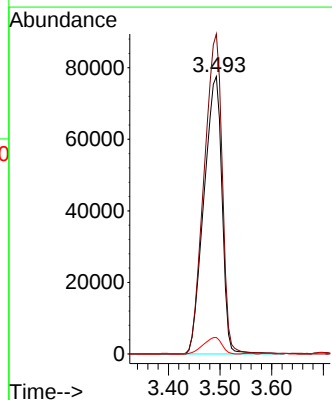
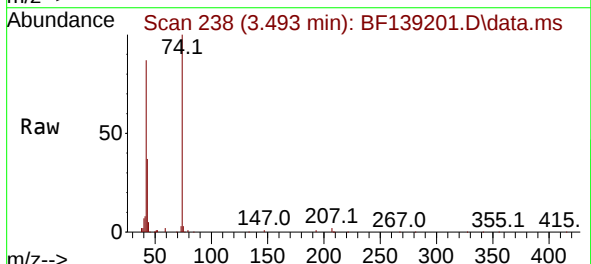
Instrument :
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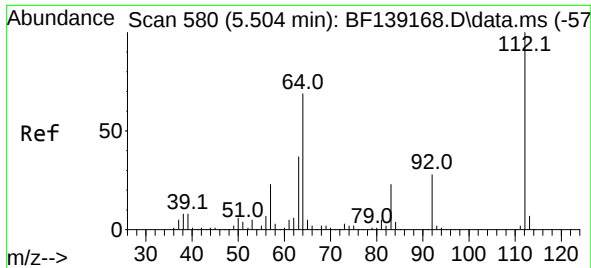
Tgt Ion: 79 Resp: 293468
 Ion Ratio Lower Upper
 79 100
 52 73.0 59.5 89.3
 51 38.1 31.4 47.0



#4
 n-Nitrosodimethylamine
 Concen: 44.751 ng
 RT: 3.493 min Scan# 238
 Delta R.T. 0.100 min
 Lab File: BF139201.D
 Acq: 28 Aug 2024 11:08

Tgt Ion: 42 Resp: 188098
 Ion Ratio Lower Upper
 42 100
 74 115.3 88.6 132.8
 44 5.9 5.0 7.4

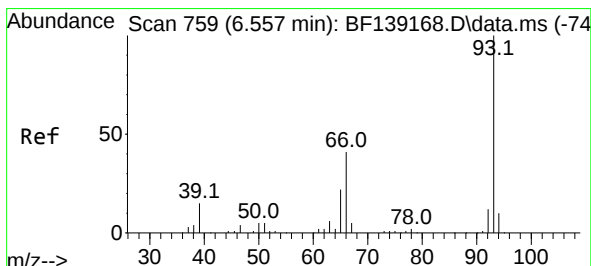
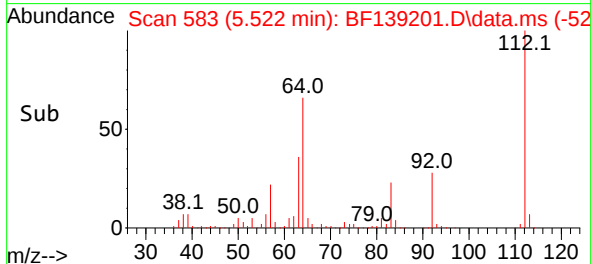
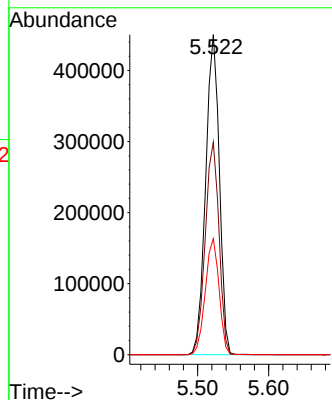
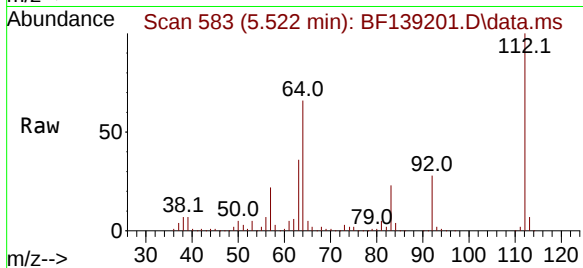




#5
2-Fluorophenol
Concen: 98.428 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

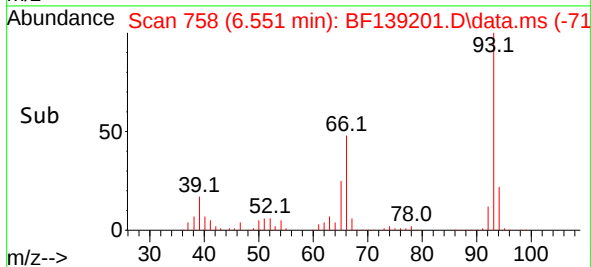
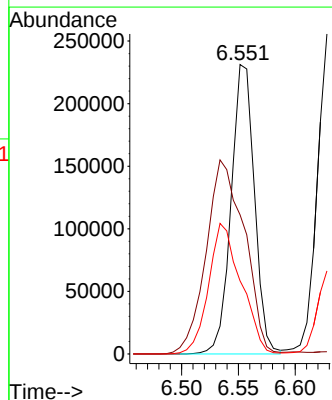
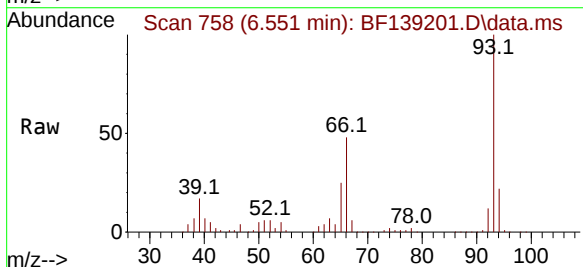
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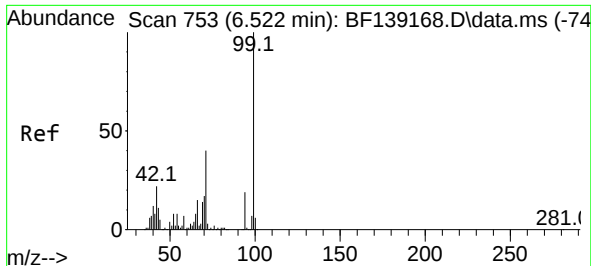
Tgt Ion:112 Resp: 604636
Ion Ratio Lower Upper
112 100
64 66.4 55.5 83.3
63 36.3 29.8 44.6



#6
Aniline
Concen: 41.745 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.036 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion: 93 Resp: 329899
Ion Ratio Lower Upper
93 100
66 48.1 35.0 52.4
65 25.2 17.2 25.8

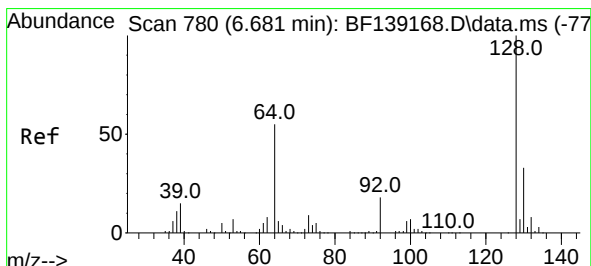
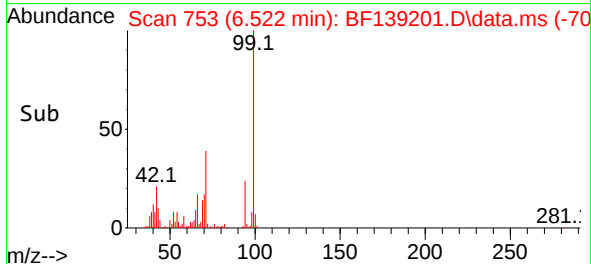
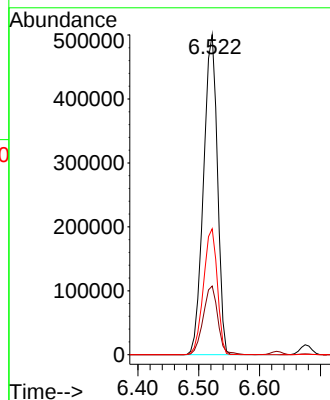
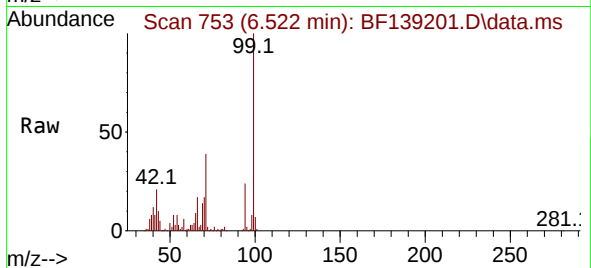




#7
Phenol-d6
Concen: 94.409 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

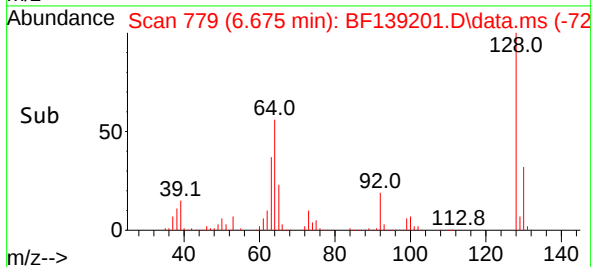
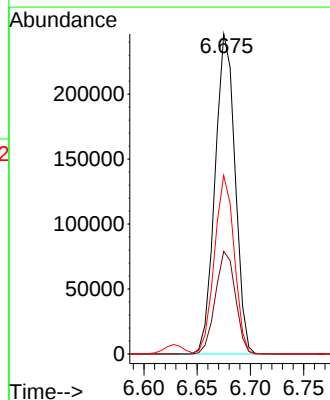
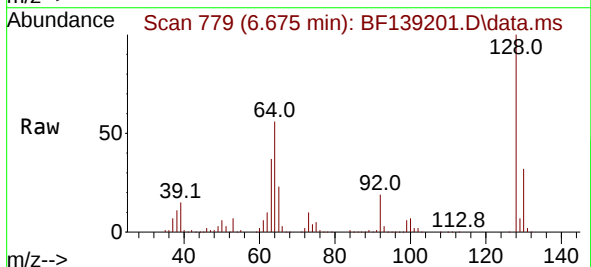
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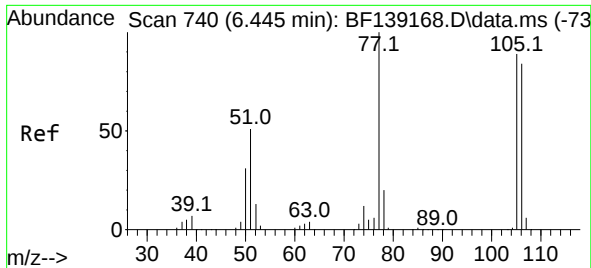
Tgt Ion: 99 Resp: 795929
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 39.4 31.7 47.5



#8
2-Chlorophenol
Concen: 55.089 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion: 128 Resp: 321510
Ion Ratio Lower Upper
128 100
130 32.1 12.5 52.5
64 55.8 37.3 77.3

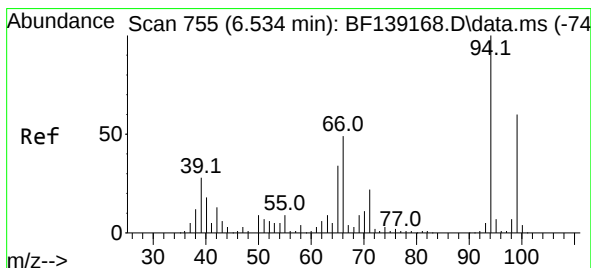
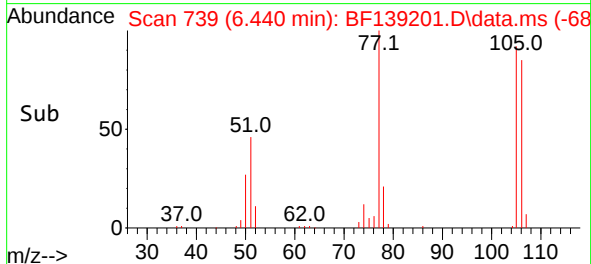
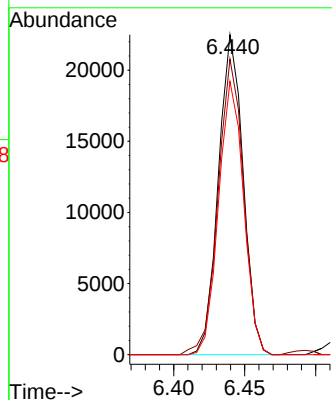
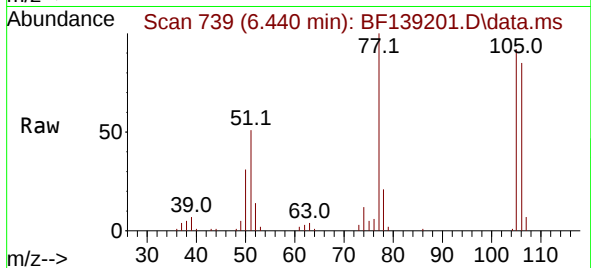




#9
Benzaldehyde
Concen: 5.146 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

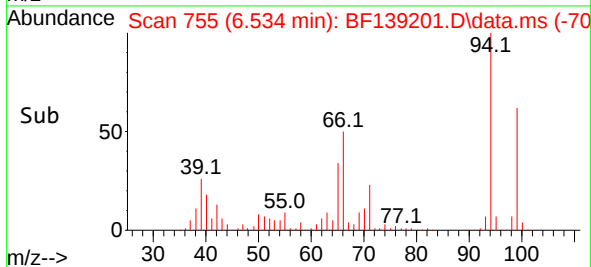
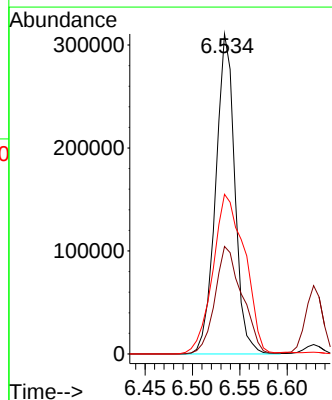
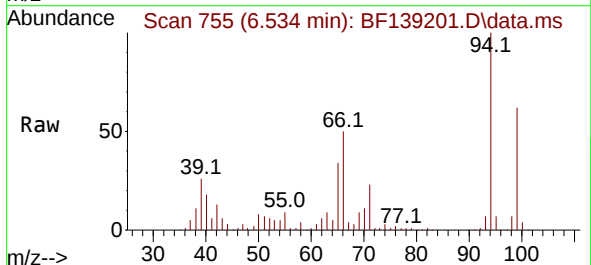
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ClientSampleId :
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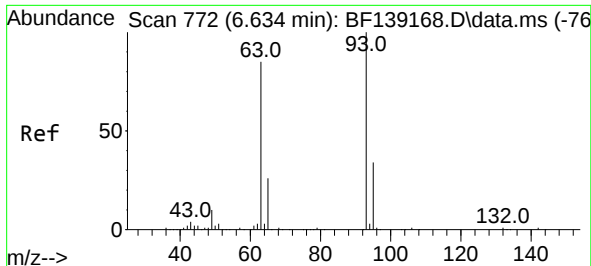
Tgt Ion:	77	Resp:	27155
Ion	Ratio	Lower	Upper
77	100		
105	92.4	68.7	108.7
106	85.4	64.2	104.2



#10
Phenol
Concen: 51.480 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:	94	Resp:	438007
Ion	Ratio	Lower	Upper
94	100		
65	33.6	14.1	54.1
66	49.9	29.8	69.8

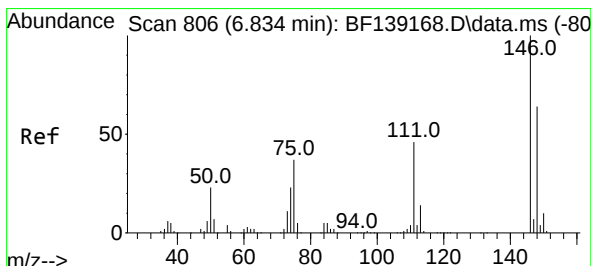
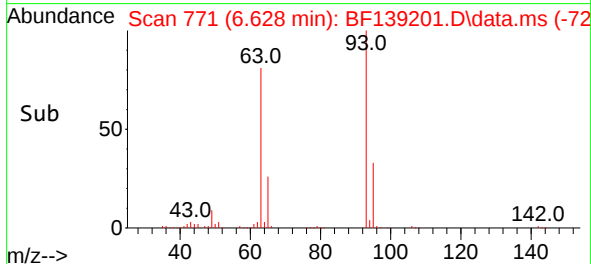
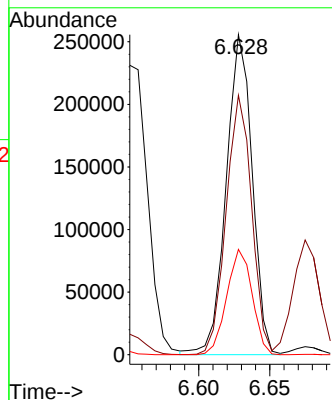
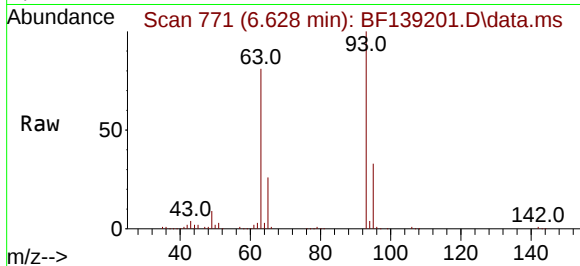




#11
bis(2-Chloroethyl)ether
Concen: 48.654 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

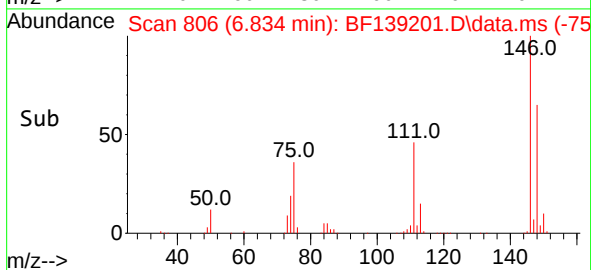
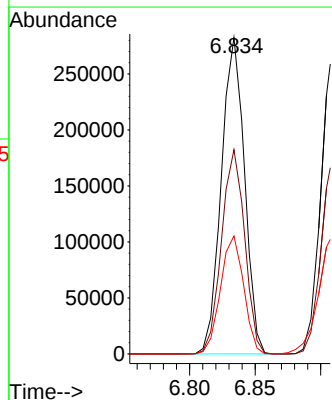
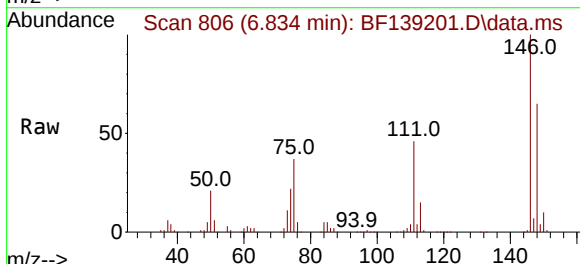
Instrument :
BNA_F
ClientSampleId :
PB163034BS

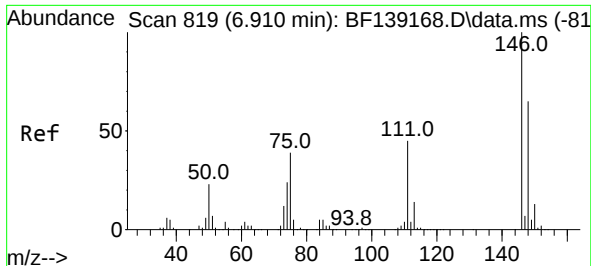
Tgt Ion: 93 Resp: 326168
Ion Ratio Lower Upper
93 100
63 81.1 62.4 102.4
95 32.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 45.024 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:146 Resp: 346520
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 37.3 29.9 44.9

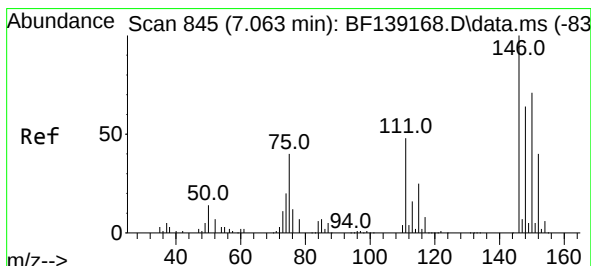
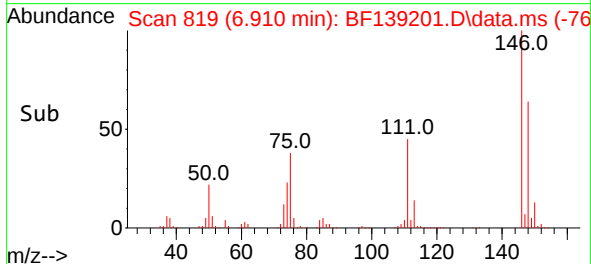
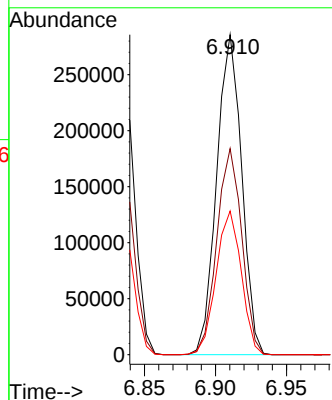
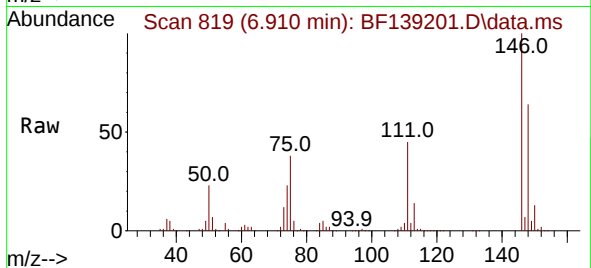




#13
1,4-Dichlorobenzene
Concen: 45.331 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

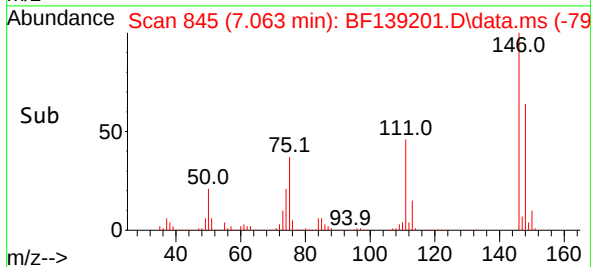
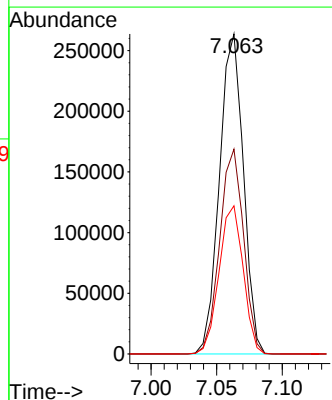
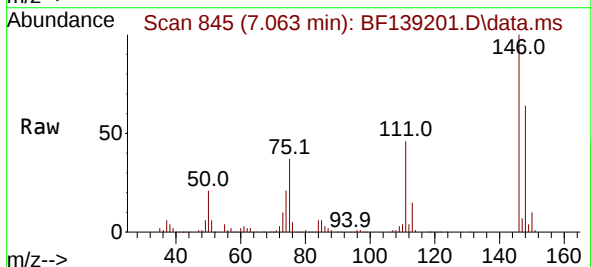
Instrument :
BNA_F
ClientSampleId :
PB163034BS

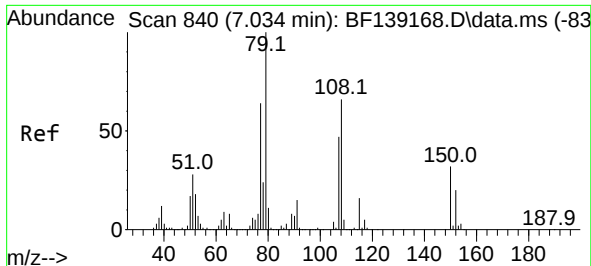
Tgt Ion:146 Resp: 350022
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 44.9 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 46.071 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:146 Resp: 334707
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 46.3 38.6 58.0

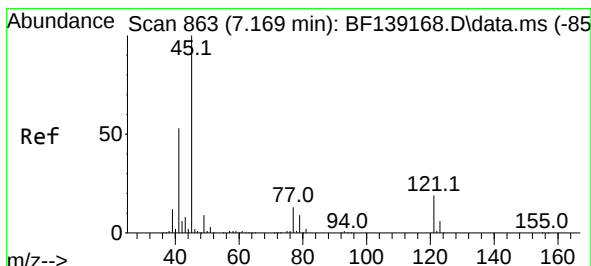
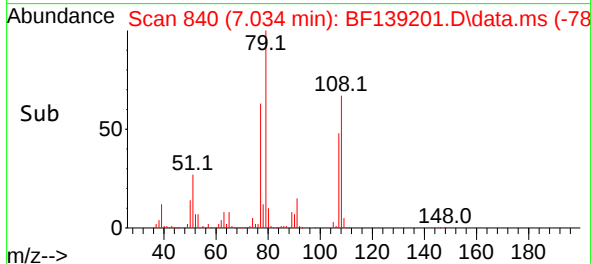
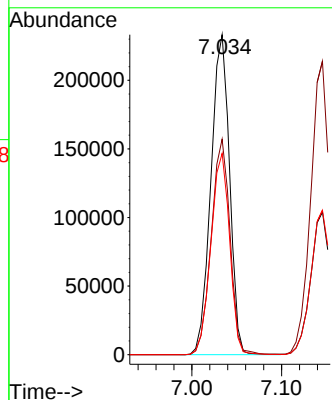
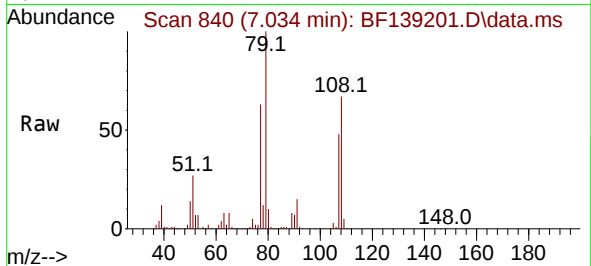




#15
Benzyl Alcohol
Concen: 52.897 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

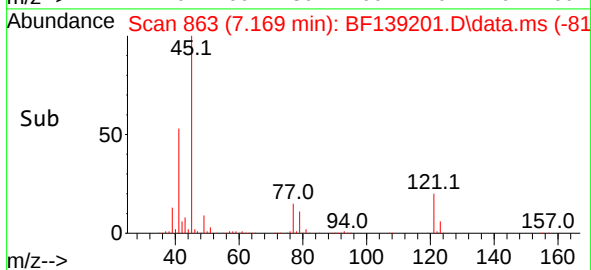
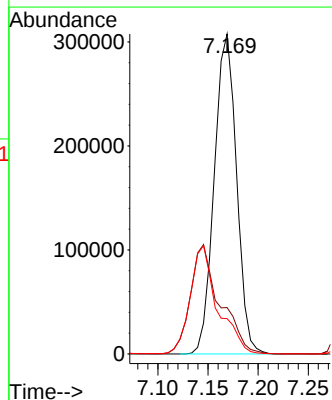
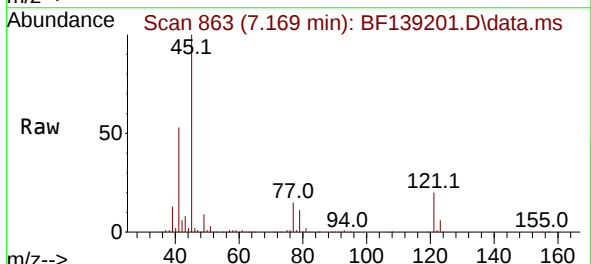
Instrument :
BNA_F
ClientSampleId :
PB163034BS

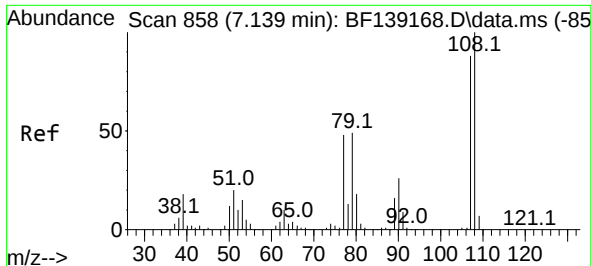
Tgt Ion: 79 Resp: 336138
Ion Ratio Lower Upper
79 100
108 67.4 52.7 79.1
77 62.9 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.893 ng
RT: 7.169 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion: 45 Resp: 475152
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.9
79 11.0 0.0 30.5

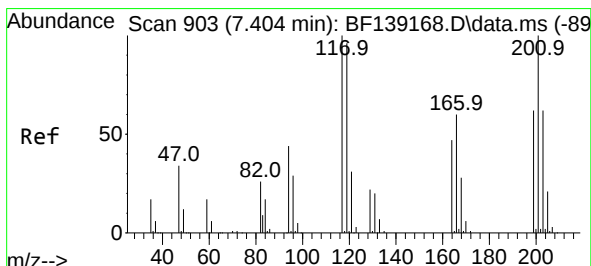
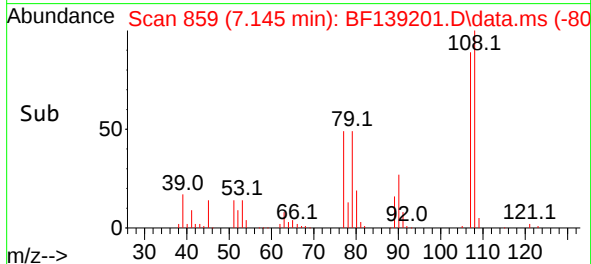
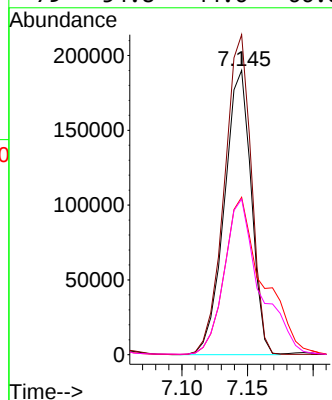
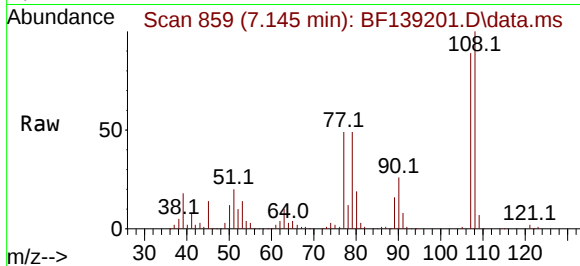




#17
2-Methylphenol
Concen: 51.017 ng
RT: 7.145 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

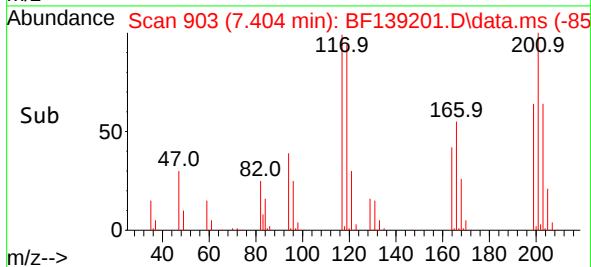
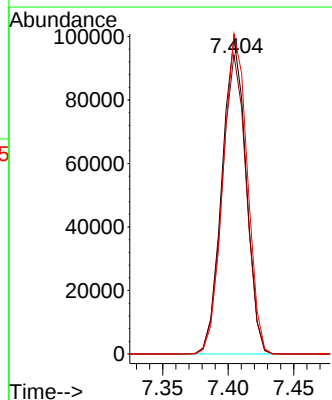
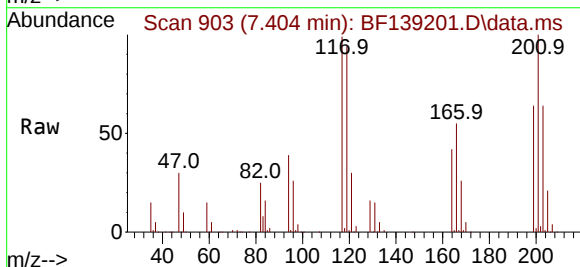
Instrument :
BNA_F
ClientSampleId :
PB163034BS

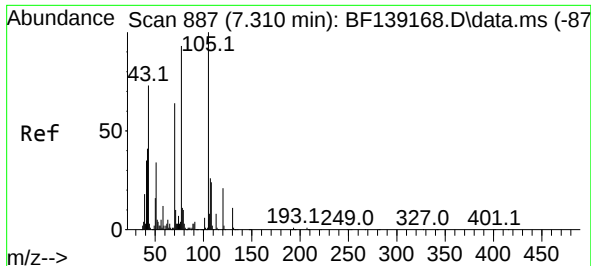
Tgt Ion:107 Resp: 271435
Ion Ratio Lower Upper
107 100
108 112.6 91.4 137.0
77 55.4 44.3 66.5
79 54.8 44.6 66.8



#18
Hexachloroethane
Concen: 51.725 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:117 Resp: 126362
Ion Ratio Lower Upper
117 100
119 94.7 77.1 115.7
201 101.3 79.7 119.5

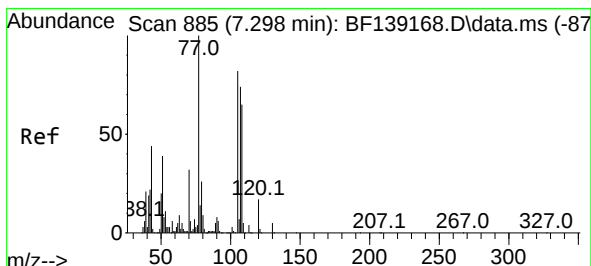
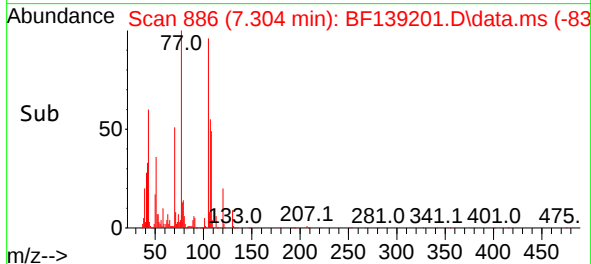
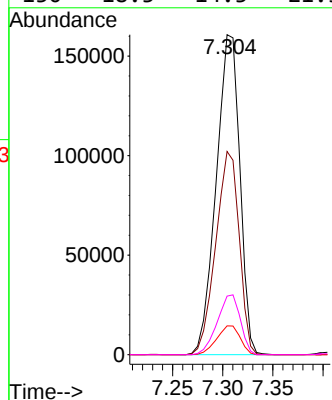
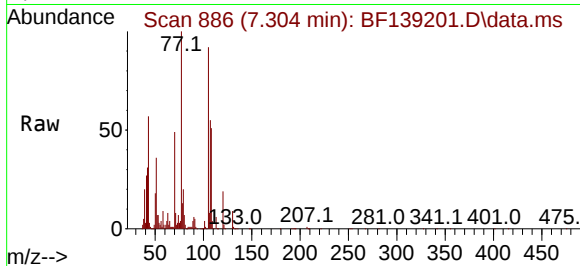




#19
n-Nitroso-di-n-propylamine
Concen: 52.290 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

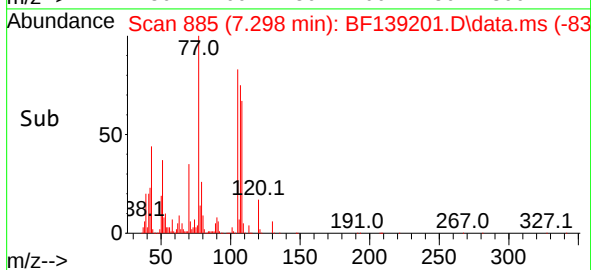
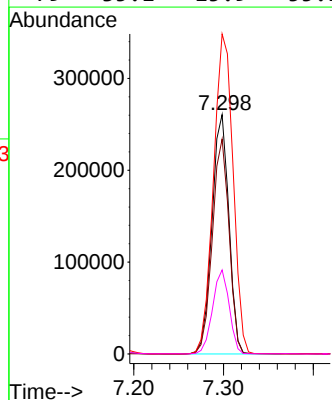
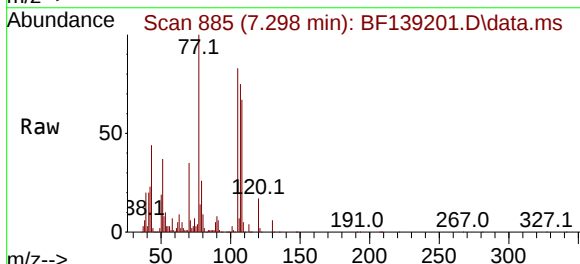
Instrument :
BNA_F
ClientSampleId :
PB163034BS

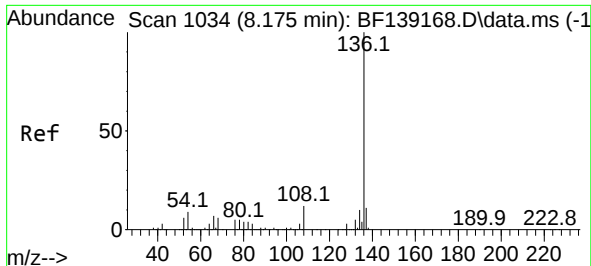
Tgt Ion: 70 Resp: 263663
Ion Ratio Lower Upper
70 100
42 63.5 50.8 76.2
101 9.0 7.4 11.0
130 18.3 14.3 21.5



#20
3+4-Methylphenols
Concen: 50.323 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion: 107 Resp: 341525
Ion Ratio Lower Upper
107 100
108 89.8 68.5 108.5
77 133.7 115.7 155.7
79 35.1 15.9 55.9



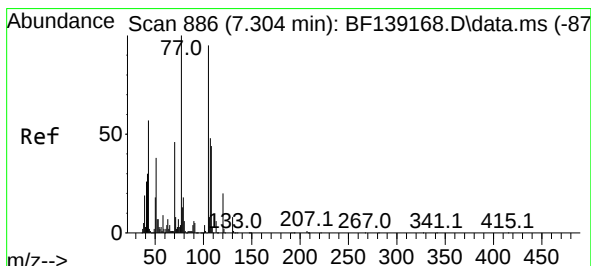
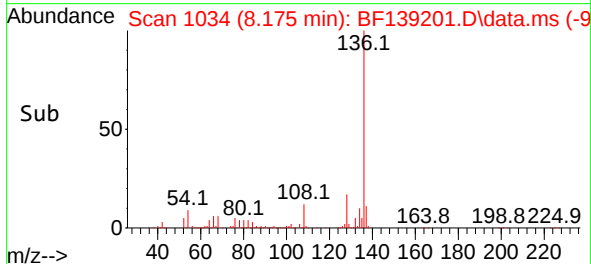
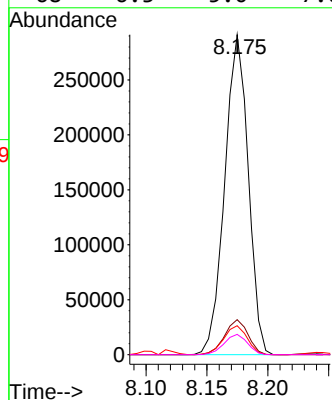
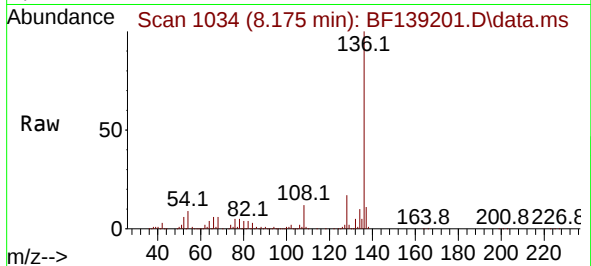


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB163034BS

Tgt Ion:136 Resp: 391077

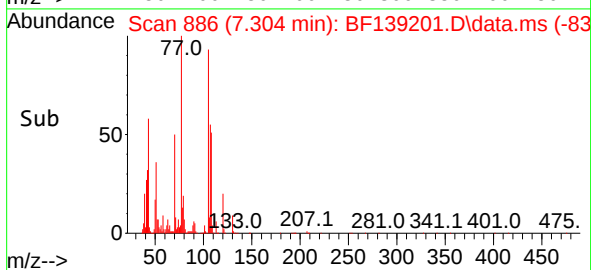
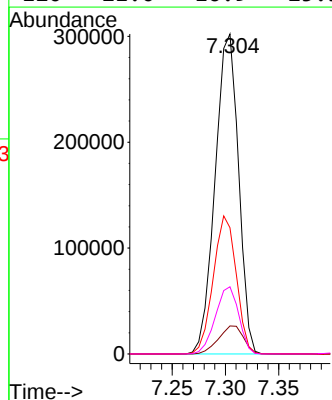
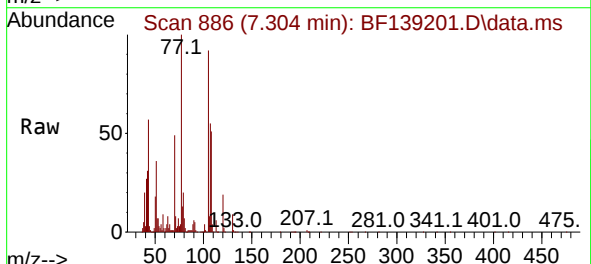
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.0	7.6	11.4
68	6.3	5.0	7.6

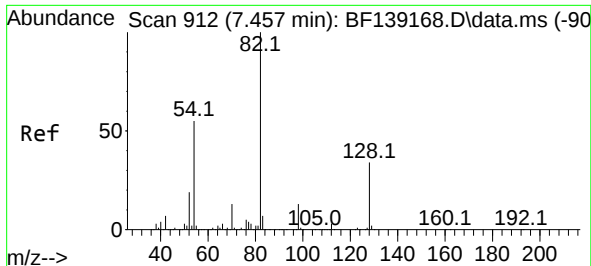


#22
Acetophenone
Concen: 45.920 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:105 Resp: 461426

Ion	Ratio	Lower	Upper
105	100		
71	8.8	6.5	9.7
51	39.4	31.8	47.6
120	21.0	16.9	25.3





#23

Nitrobenzene-d5

Concen: 109.312 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

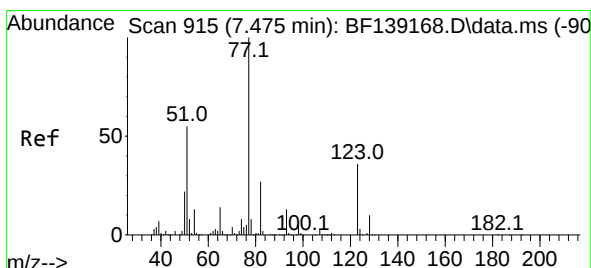
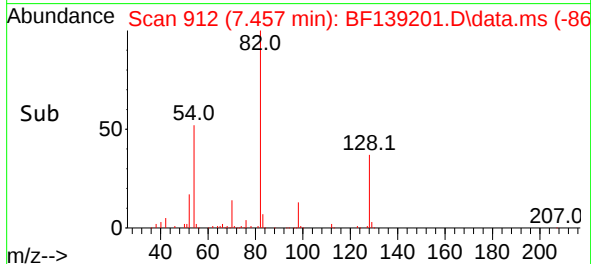
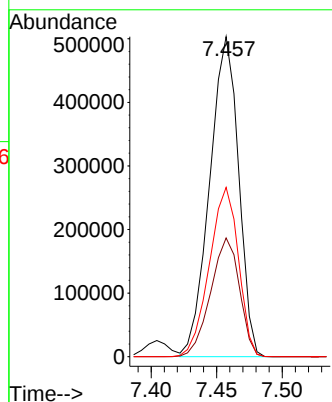
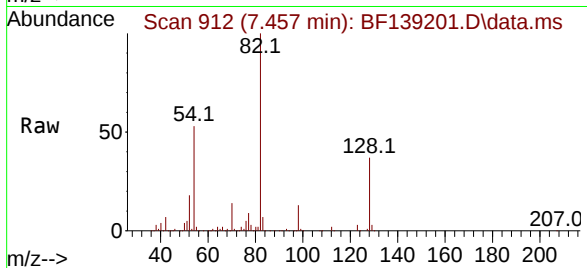
Tgt Ion: 82 Resp: 771643

Ion Ratio Lower Upper

82 100

128 37.1 27.1 40.7

54 52.9 44.2 66.4



#24

Nitrobenzene

Concen: 47.349 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

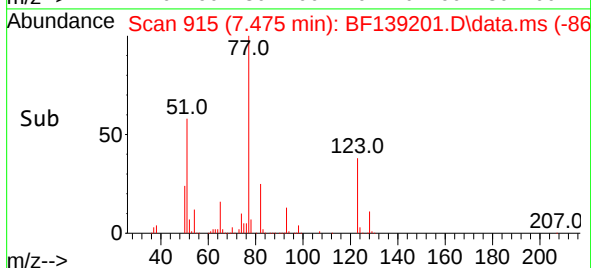
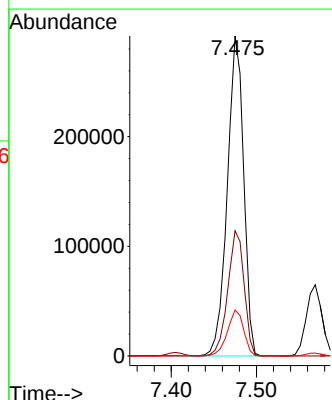
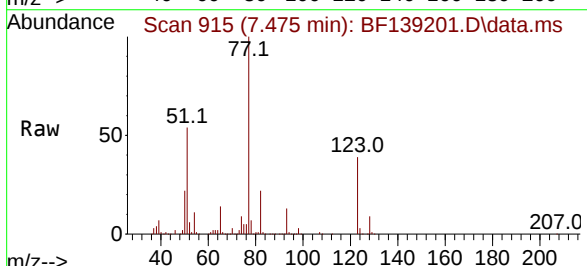
Tgt Ion: 77 Resp: 389046

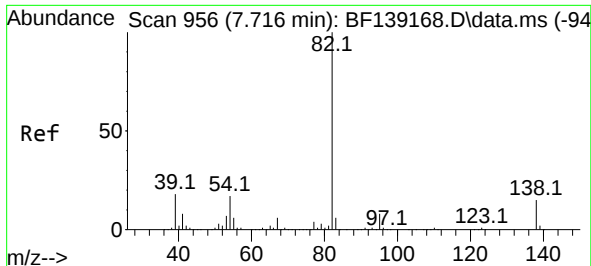
Ion Ratio Lower Upper

77 100

123 39.1 28.7 43.1

65 14.3 10.9 16.3

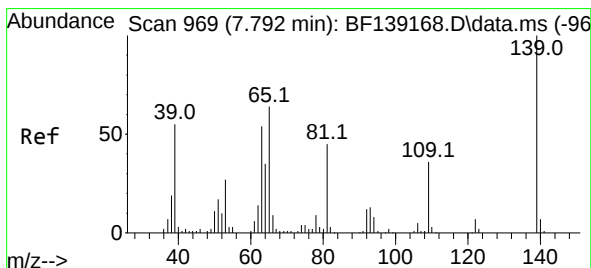
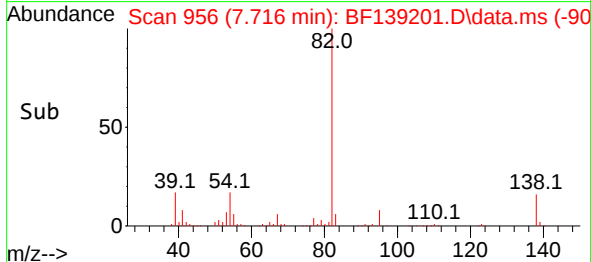
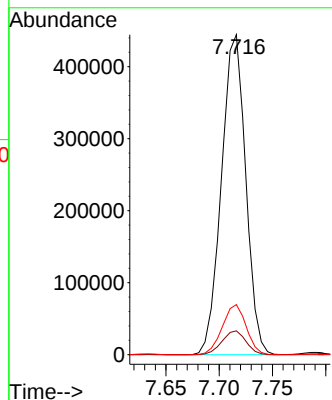
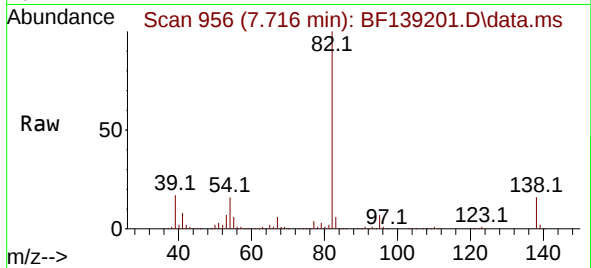




#25
Isophorone
Concen: 50.482 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

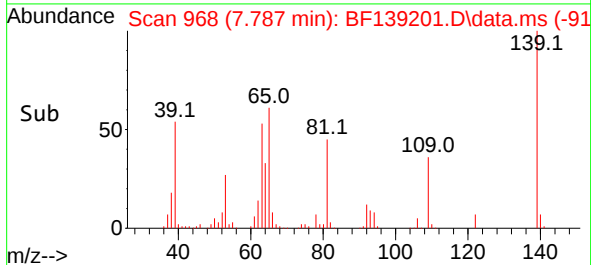
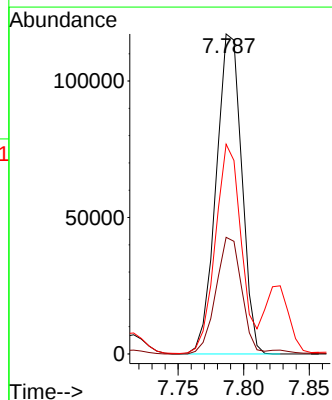
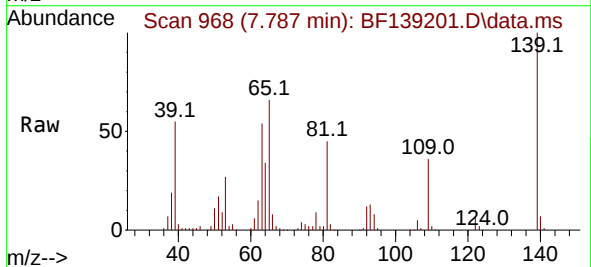
Instrument :
BNA_F
ClientSampleId :
PB163034BS

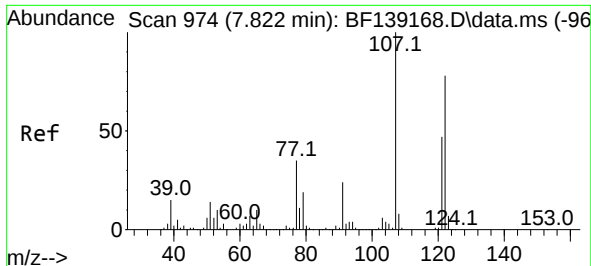
Tgt Ion: 82 Resp: 704724
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 15.6 12.2 18.4



#26
2-Nitrophenol
Concen: 59.796 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.005 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:139 Resp: 159252
Ion Ratio Lower Upper
139 100
109 36.4 28.9 43.3
65 65.5 51.1 76.7





#27

2,4-Dimethylphenol

Concen: 71.479 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

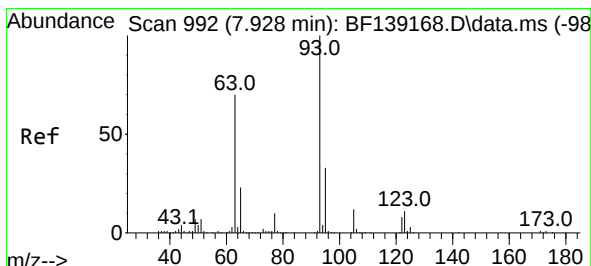
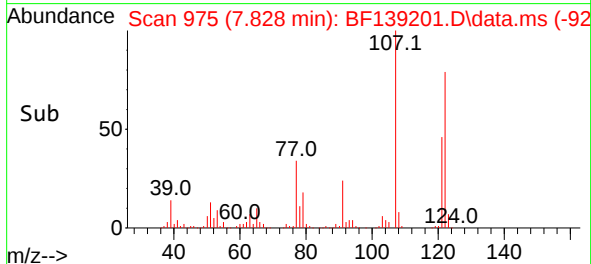
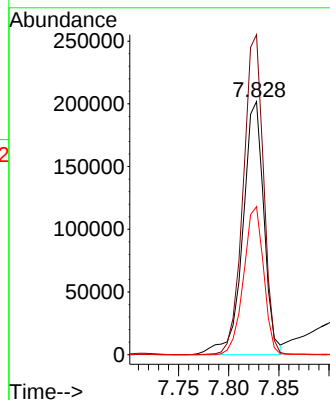
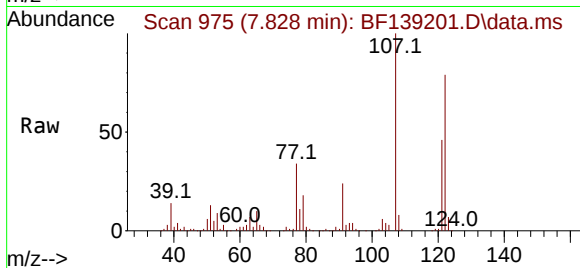
Tgt Ion:122 Resp: 295751

Ion Ratio Lower Upper

122 100

107 126.4 102.1 153.1

121 58.5 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 48.354 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

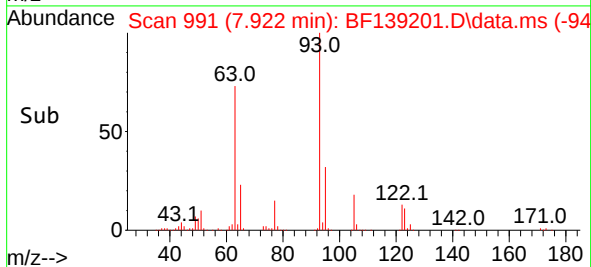
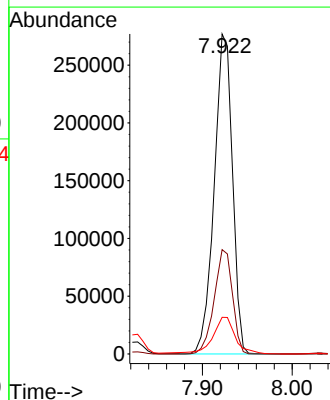
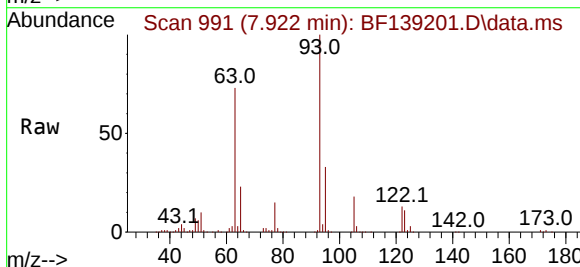
Tgt Ion: 93 Resp: 390804

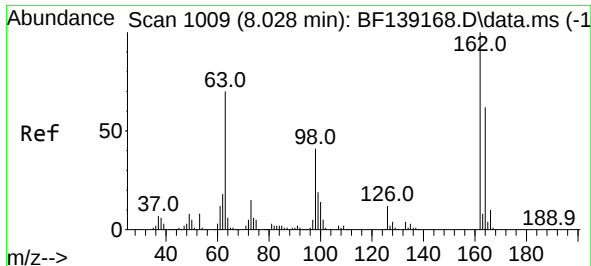
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.5 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 53.359 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

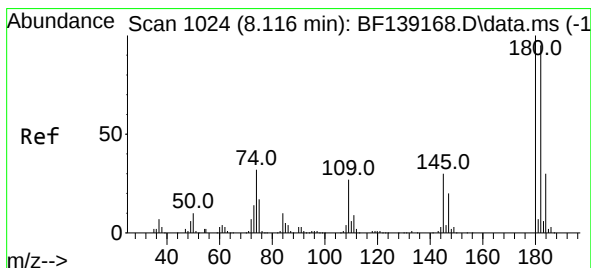
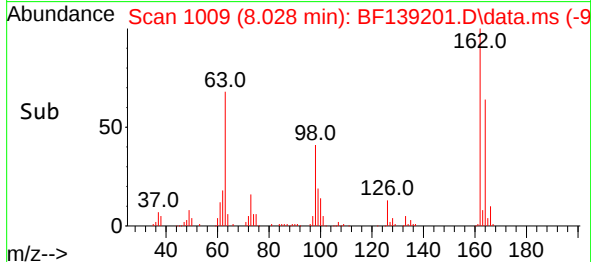
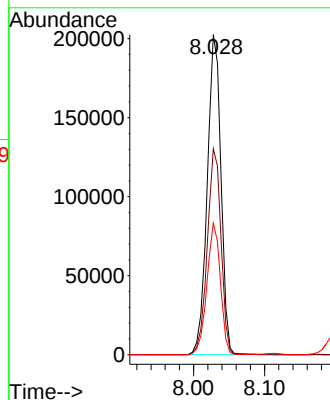
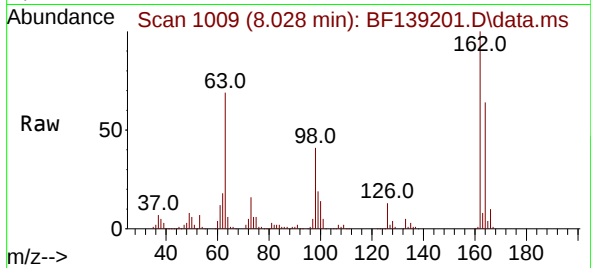
Tgt Ion:162 Resp: 272507

Ion Ratio Lower Upper

162 100

164 64.3 42.3 82.3

98 41.1 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.619 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

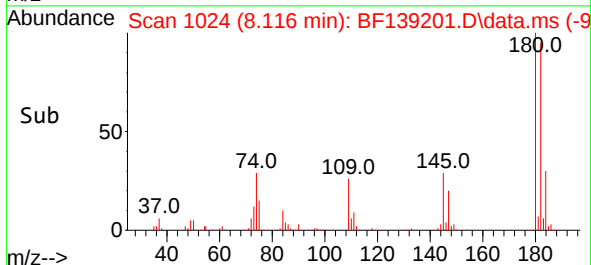
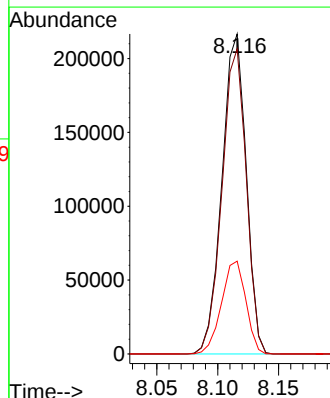
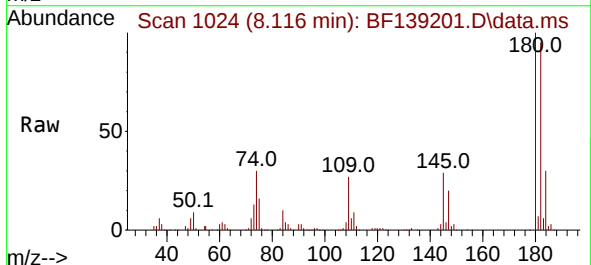
Tgt Ion:180 Resp: 300442

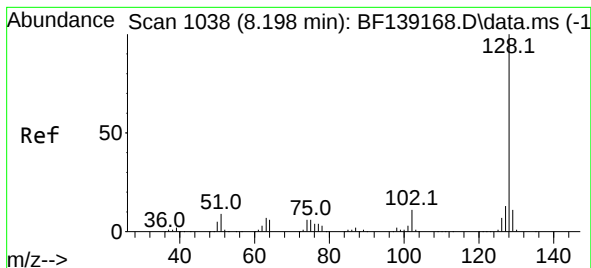
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 29.0 23.6 35.4





#31

Naphthalene

Concen: 45.748 ng

RT: 8.198 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

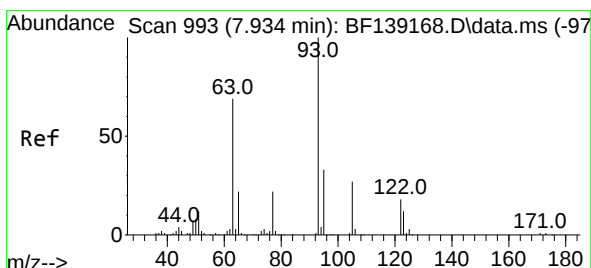
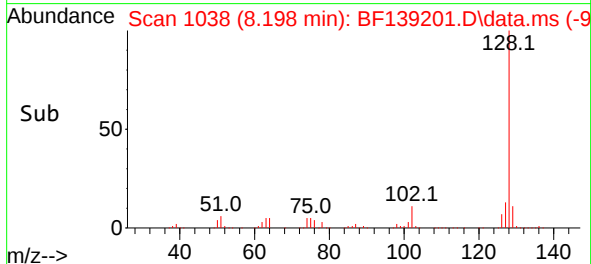
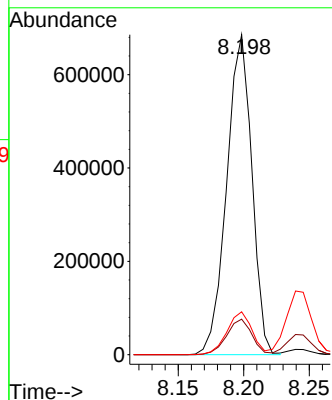
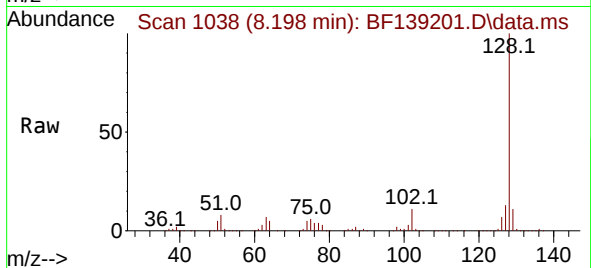
Tgt Ion:128 Resp: 914803

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.4 10.7 16.1



#32

Benzoic acid

Concen: 51.648 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.011 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

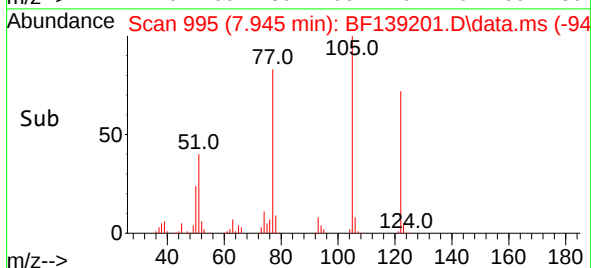
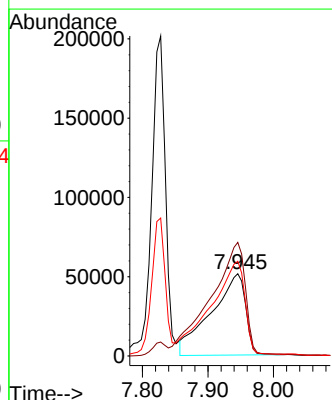
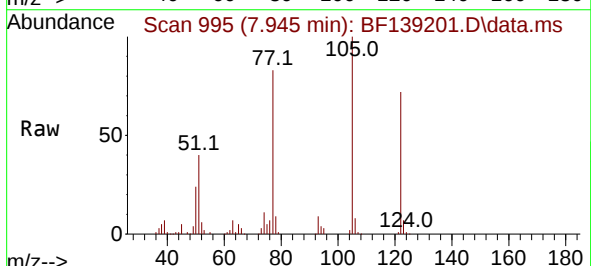
Tgt Ion:122 Resp: 185960

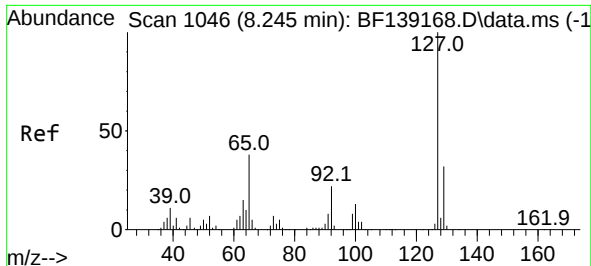
Ion Ratio Lower Upper

122 100

105 138.2 118.9 158.9

77 115.3 96.4 136.4

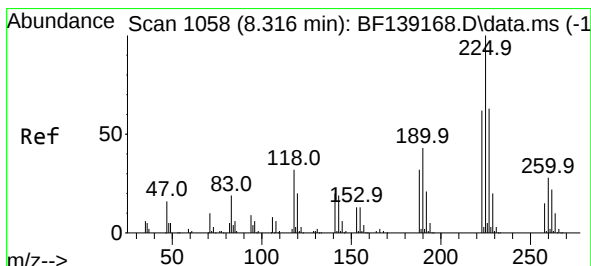
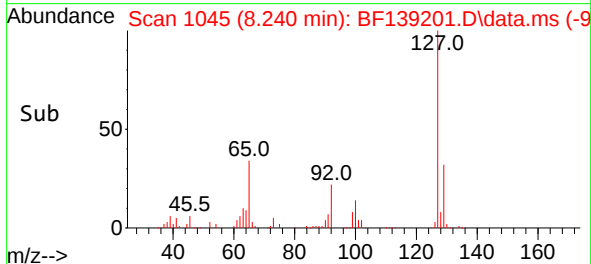
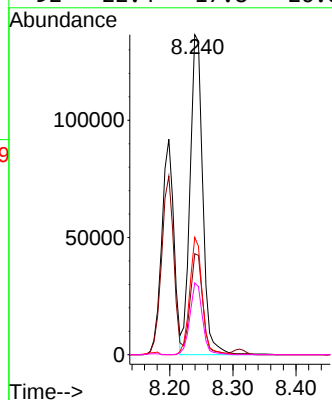
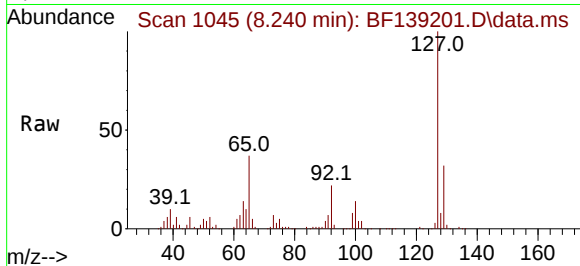




#33
4-Chloroaniline
Concen: 27.896 ng
RT: 8.240 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

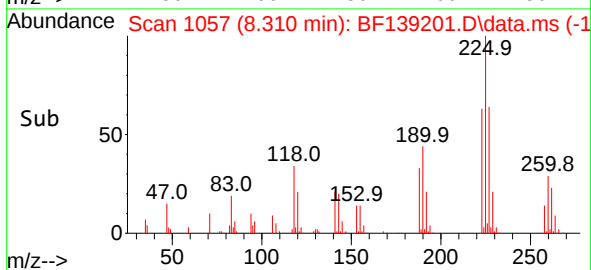
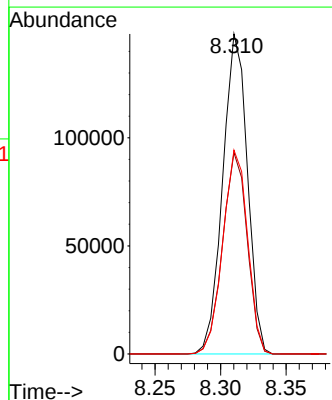
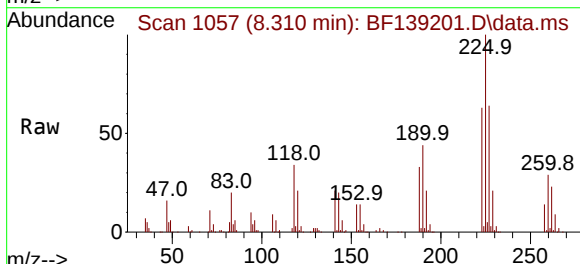
Instrument :
BNA_F
ClientSampleId :
PB163034BS

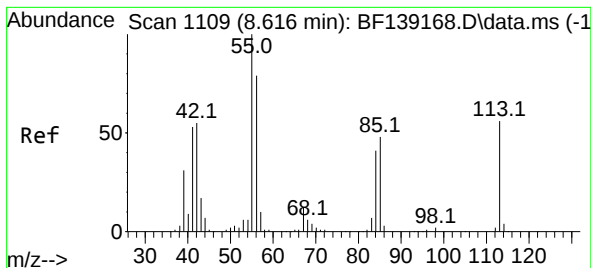
Tgt Ion:127	Resp: 192236
Ion Ratio	Lower Upper
127 100	
129 31.5	25.7 38.5
65 36.7	30.8 46.2
92 22.4	17.8 26.8



#34
Hexachlorobutadiene
Concen: 45.256 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:225	Resp: 193680		
Ion Ratio	Lower	Upper	
225 100			
223 62.9	49.7	74.5	
227 63.7	50.3	75.5	





#35

Caprolactam

Concen: 30.003 ng

RT: 8.610 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

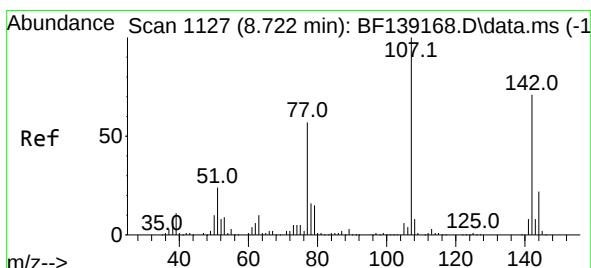
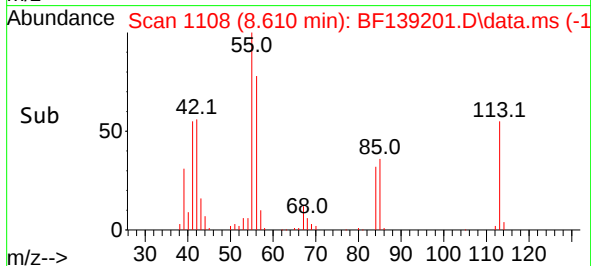
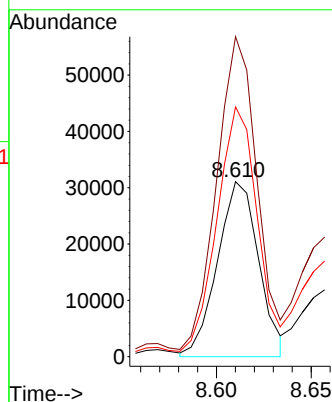
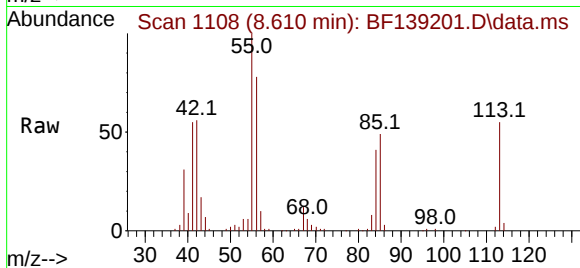
Tgt Ion:113 Resp: 47005

Ion Ratio Lower Upper

113 100

55 182.8 158.0 198.0

56 142.7 119.6 159.6



#36

4-Chloro-3-methylphenol

Concen: 51.879 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

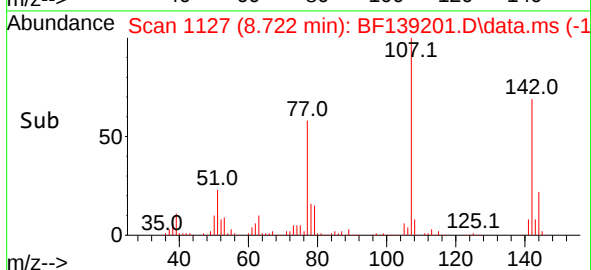
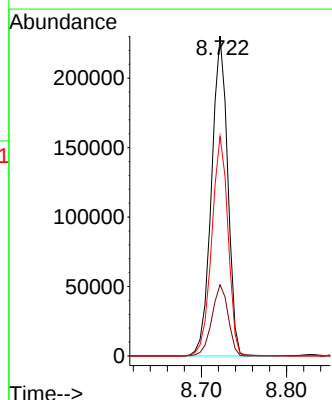
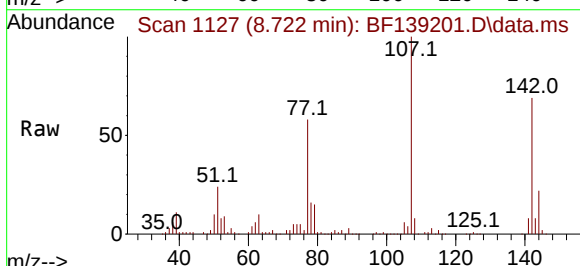
Tgt Ion:107 Resp: 303862

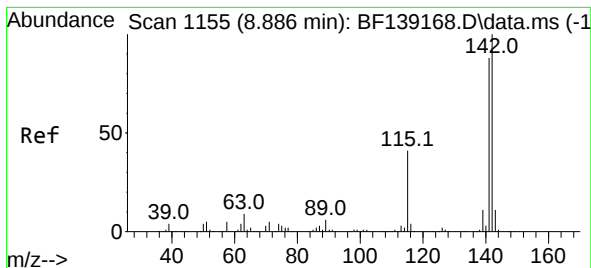
Ion Ratio Lower Upper

107 100

144 22.3 17.8 26.8

142 68.6 56.6 84.8





#37

2-Methylnaphthalene

Concen: 47.143 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

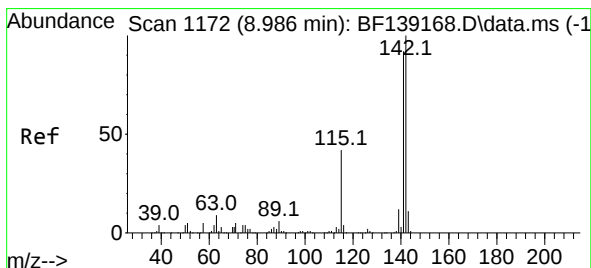
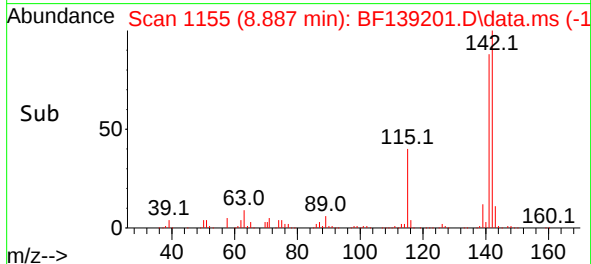
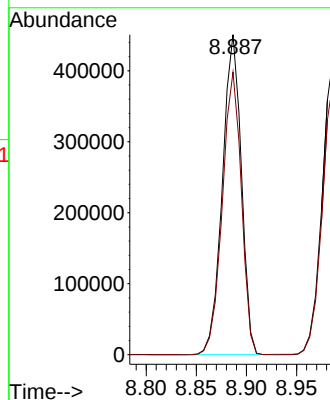
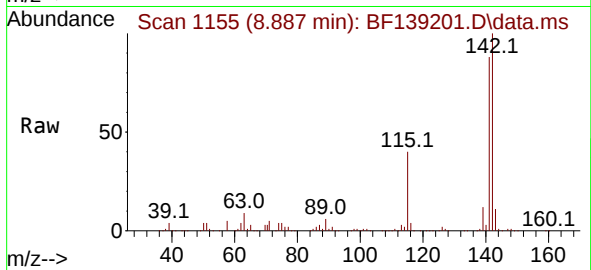
PB163034BS

Tgt Ion:142 Resp: 590987

Ion Ratio Lower Upper

142 100

141 88.3 70.2 105.2



#38

1-Methylnaphthalene

Concen: 44.796 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139201.D

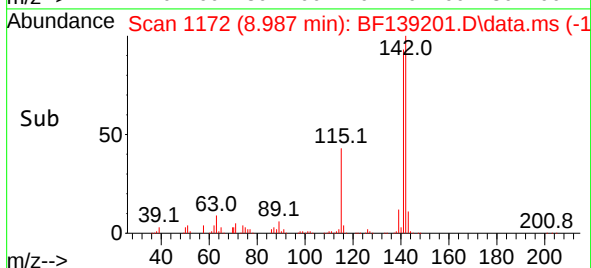
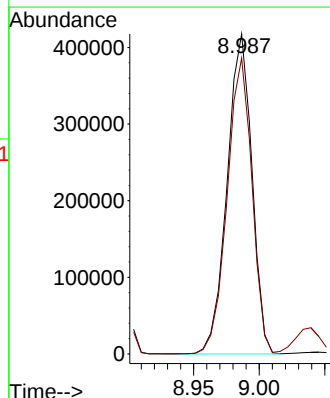
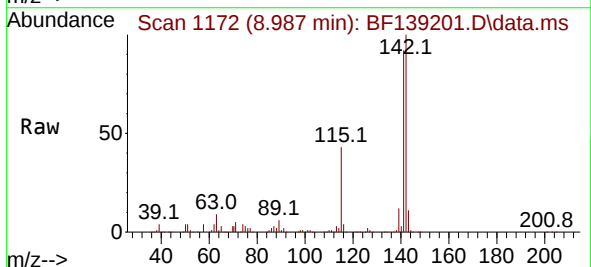
Acq: 28 Aug 2024 11:08

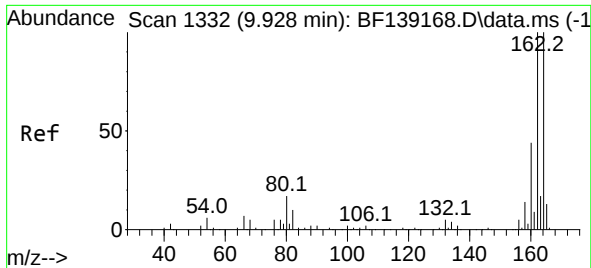
Tgt Ion:142 Resp: 548868

Ion Ratio Lower Upper

142 100

141 92.5 73.4 110.2

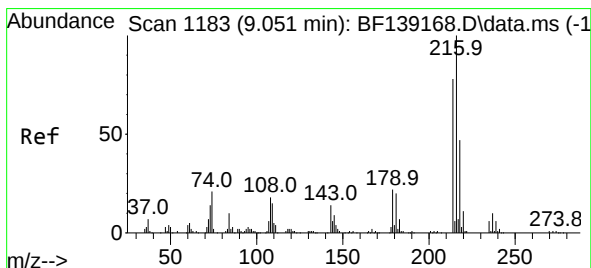
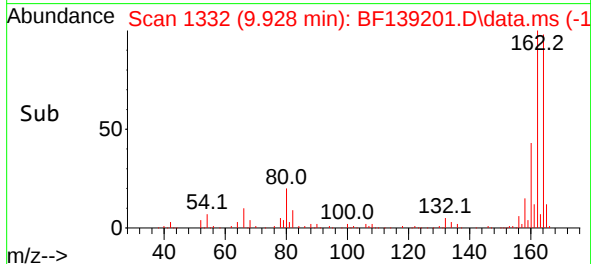
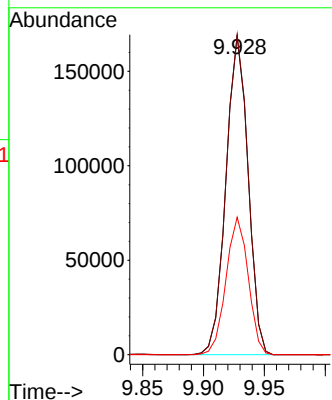
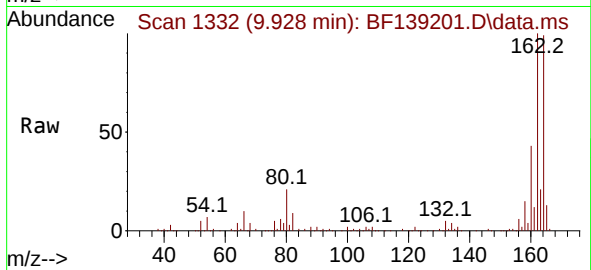




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

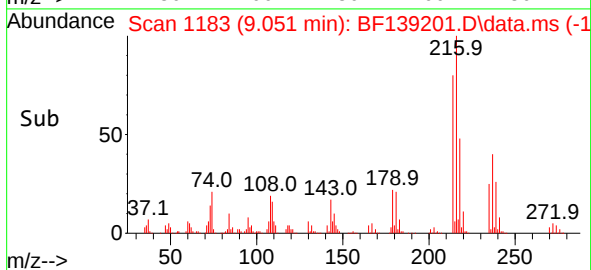
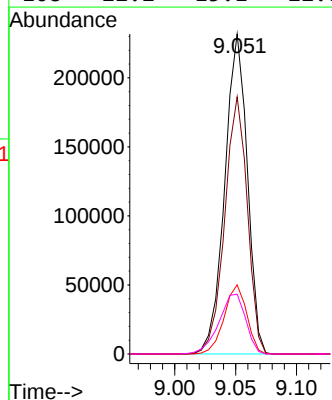
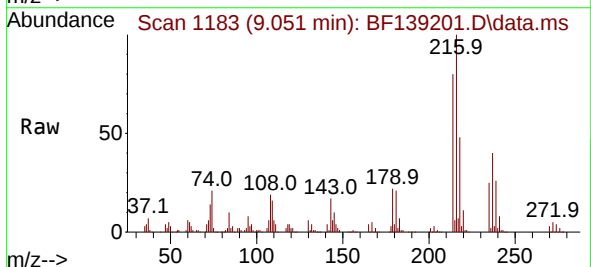
Instrument :
BNA_F
ClientSampleId :
PB163034BS

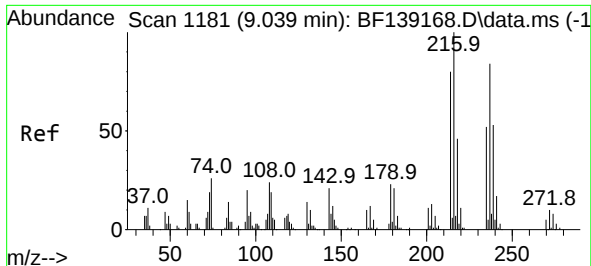
Tgt Ion:164 Resp: 212799
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 43.2 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.376 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:216 Resp: 299032
Ion Ratio Lower Upper
216 100
214 80.1 62.5 93.7
179 21.6 17.5 26.3
108 22.2 15.1 22.7

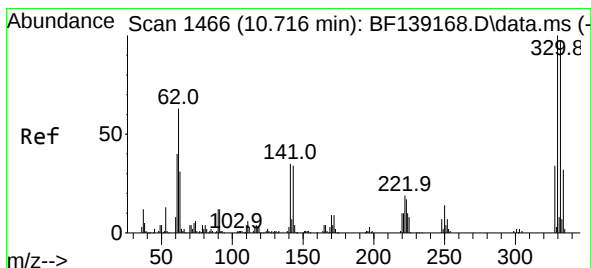
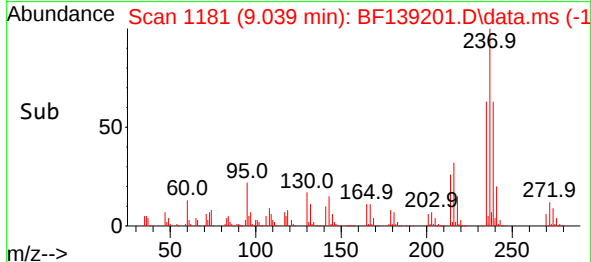
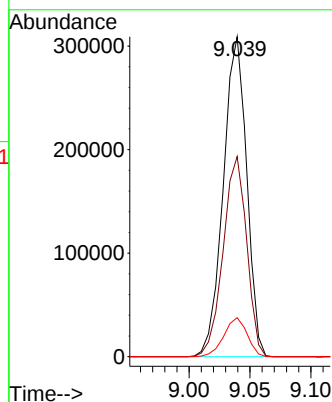
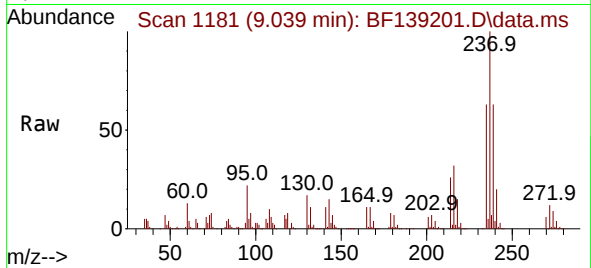




#41
Hexachlorocyclopentadiene
Concen: 203.804 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

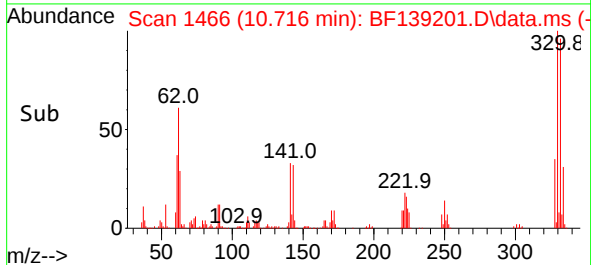
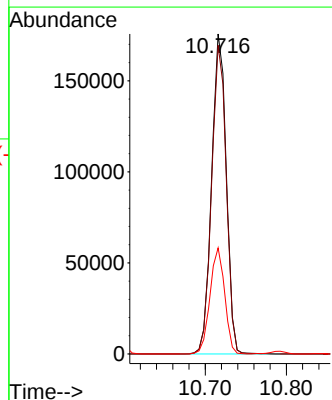
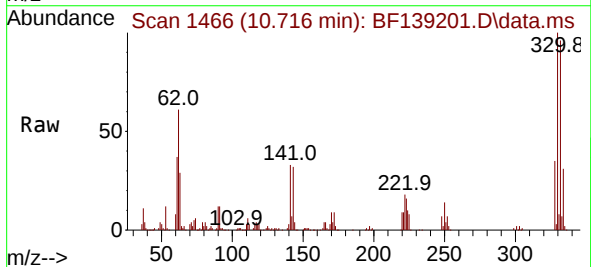
Instrument :
BNA_F
ClientSampleId :
PB163034BS

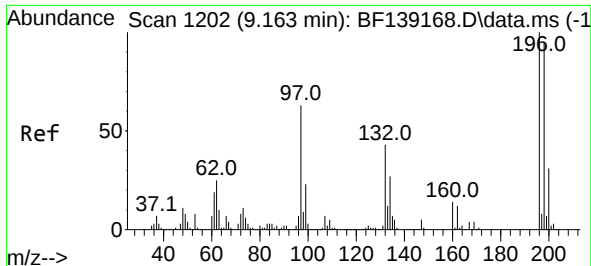
Tgt Ion:237 Resp: 413063
Ion Ratio Lower Upper
237 100
235 62.5 42.1 82.1
272 12.2 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 120.536 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:330 Resp: 219679
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 33.2 28.8 43.2

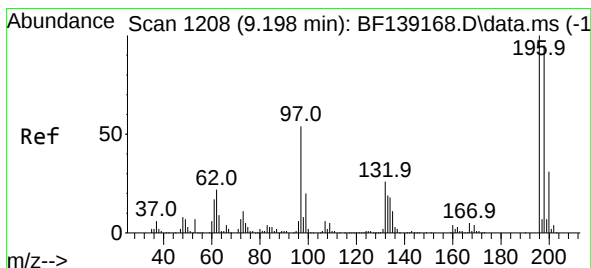
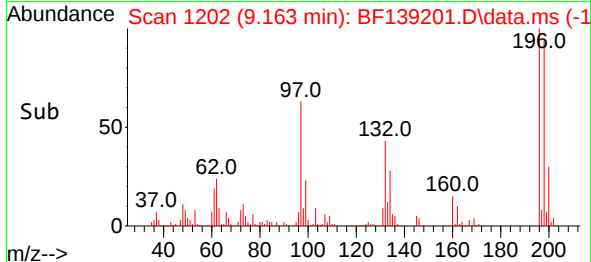
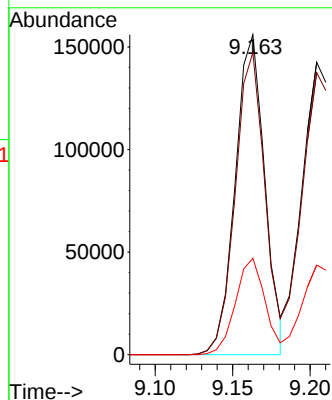
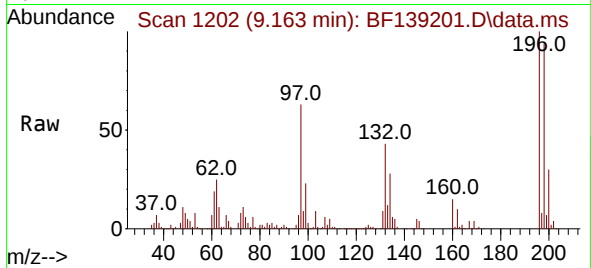




#43
2,4,6-Trichlorophenol
Concen: 58.555 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

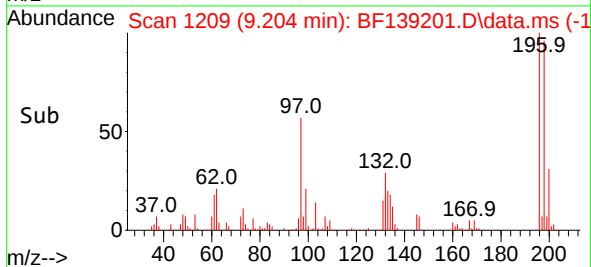
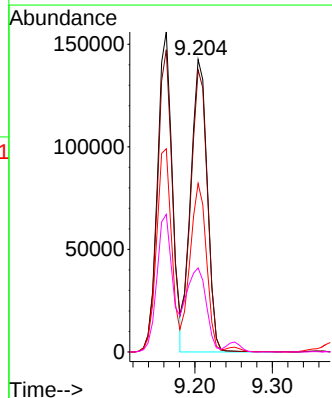
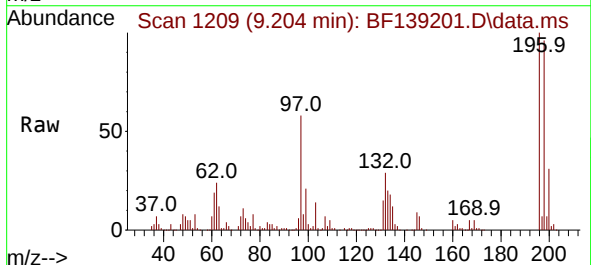
Instrument :
BNA_F
ClientSampleId :
PB163034BS

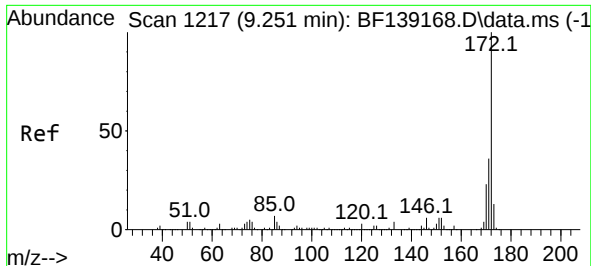
Tgt Ion:196 Resp: 206657
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.8
200 30.1 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 57.337 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:196 Resp: 212110
Ion Ratio Lower Upper
196 100
198 96.5 75.7 113.5
97 57.6 44.9 67.3
132 28.7 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 93.818 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

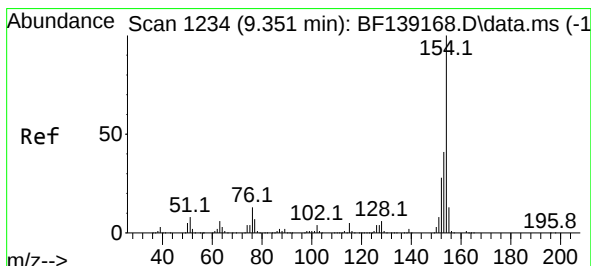
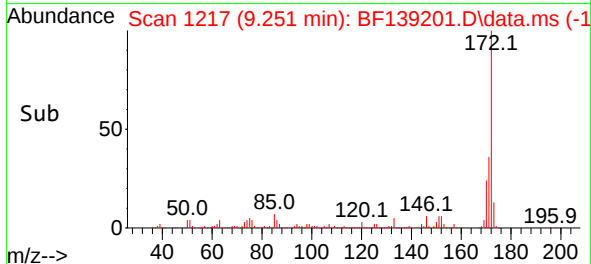
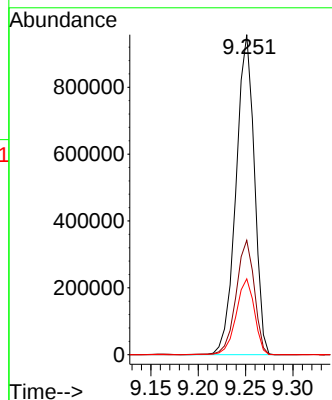
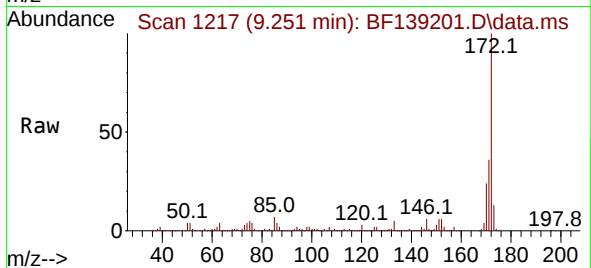
Tgt Ion:172 Resp: 1285238

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.615 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

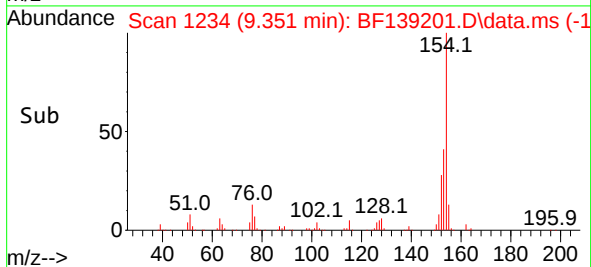
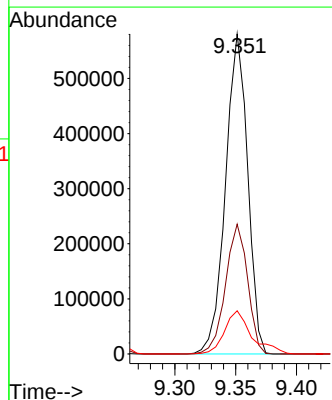
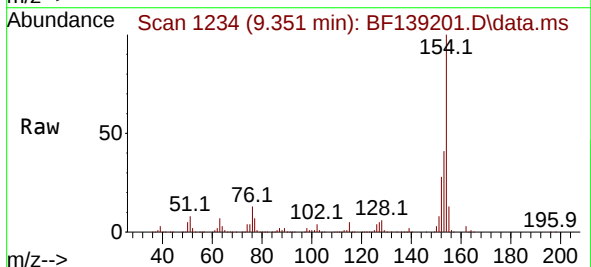
Tgt Ion:154 Resp: 733407

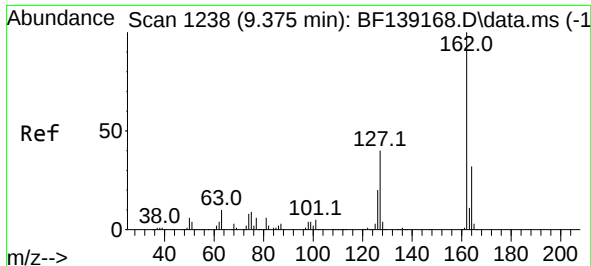
Ion Ratio Lower Upper

154 100

153 40.5 20.7 60.7

76 13.5 0.0 33.4

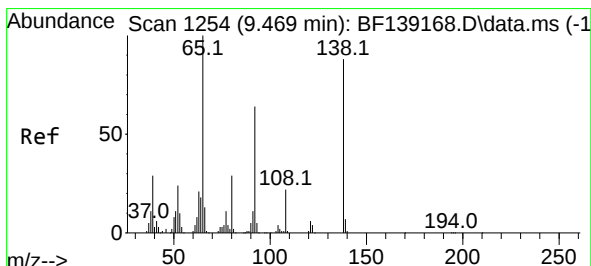
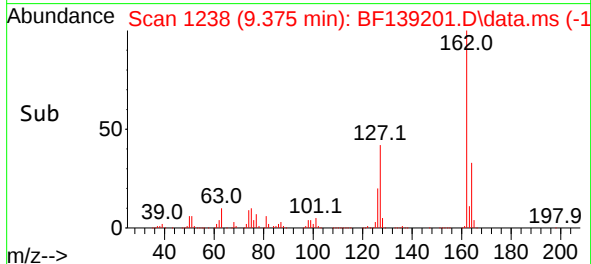
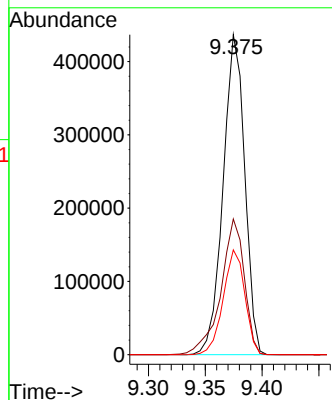
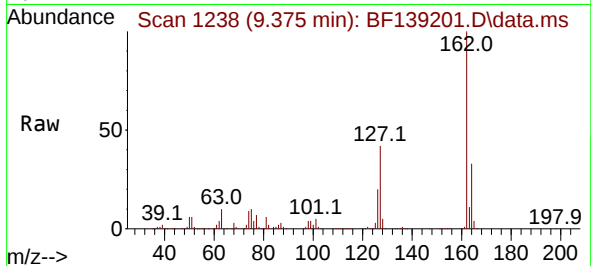




#47
2-Chloronaphthalene
Concen: 47.101 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

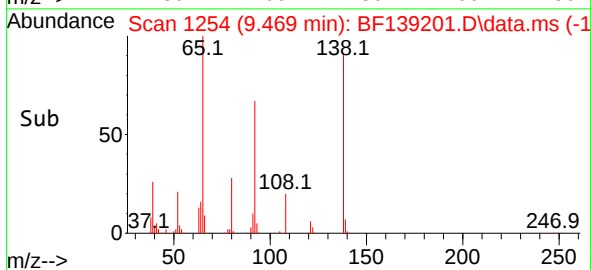
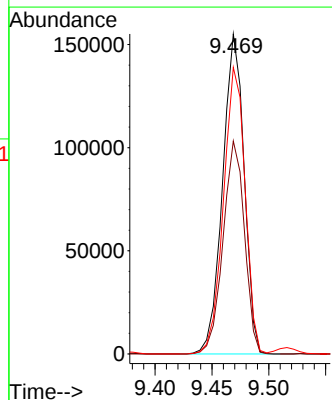
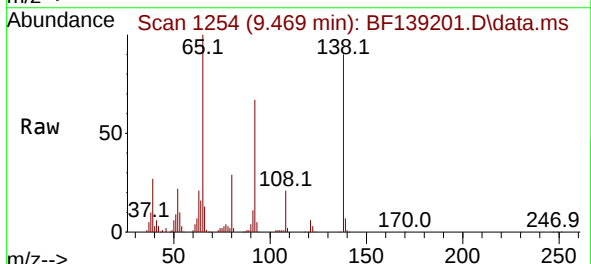
Instrument :
BNA_F
ClientSampleId :
PB163034BS

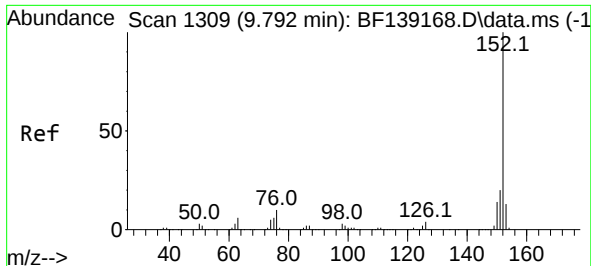
Tgt Ion:162 Resp: 578795
Ion Ratio Lower Upper
162 100
127 42.4 32.4 48.6
164 32.8 25.9 38.9



#48
2-Nitroaniline
Concen: 55.432 ng
RT: 9.469 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion: 65 Resp: 204198
Ion Ratio Lower Upper
65 100
92 66.6 51.2 76.8
138 89.6 70.0 105.0

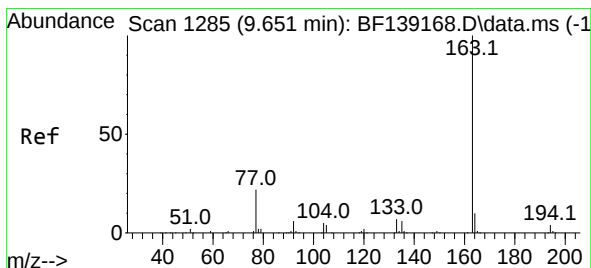
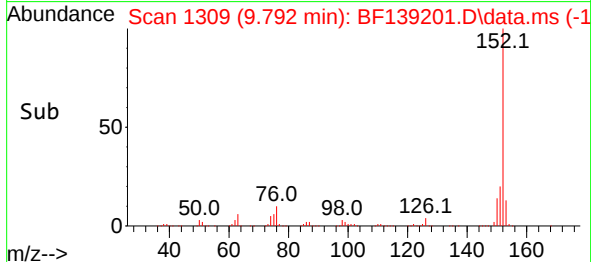
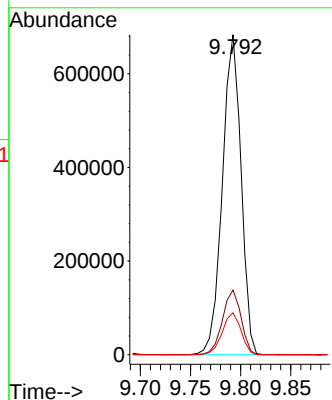
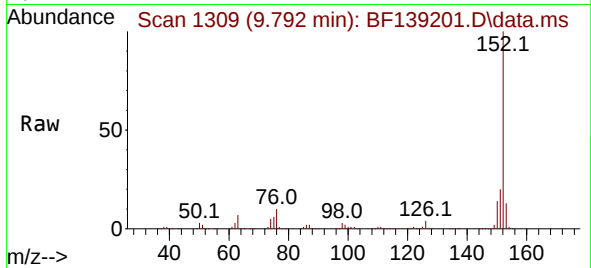




#49
Acenaphthylene
Concen: 50.936 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

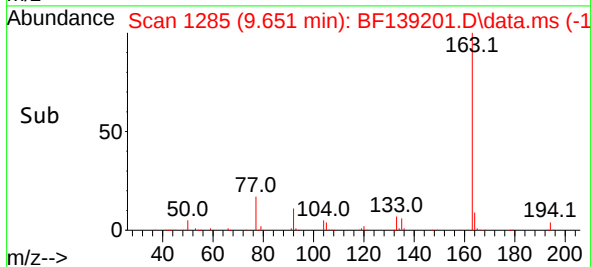
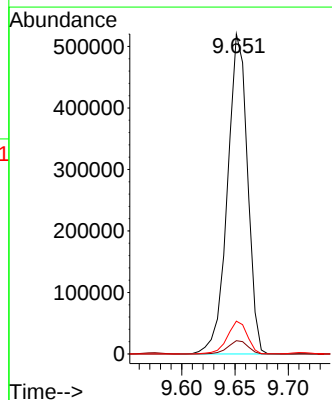
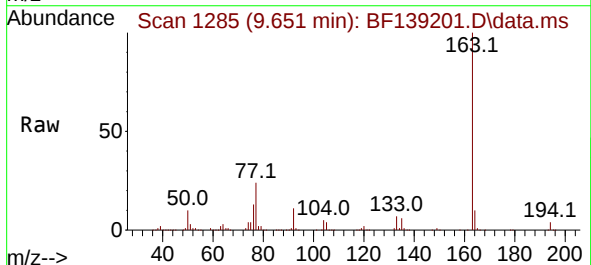
Instrument :
BNA_F
ClientSampleId :
PB163034BS

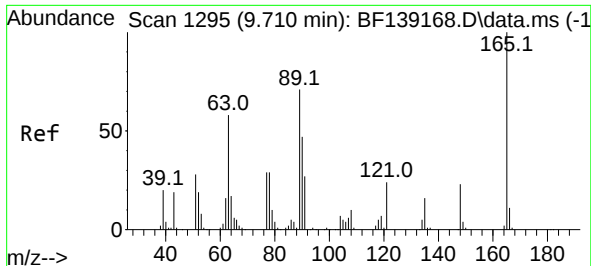
Tgt Ion:152 Resp: 881948
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 55.492 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:163 Resp: 682150
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1

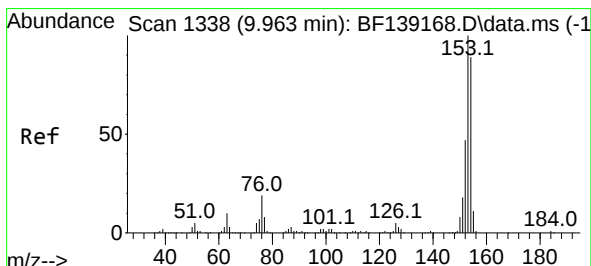
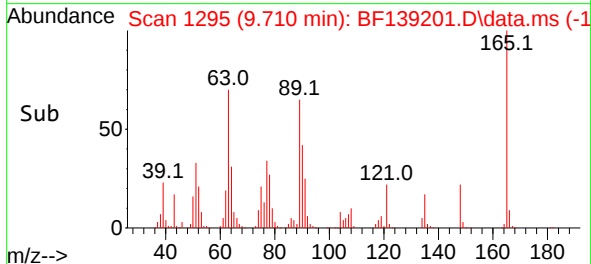
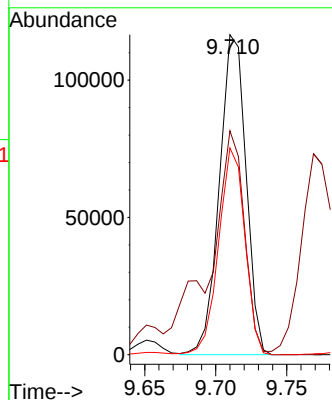
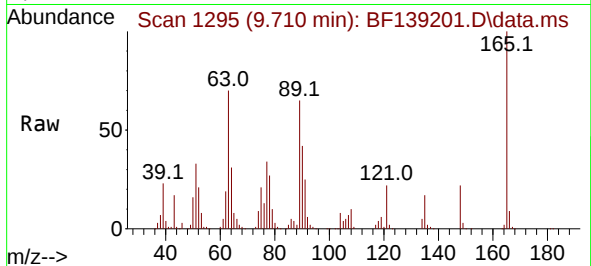




#51
2,6-Dinitrotoluene
Concen: 56.712 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

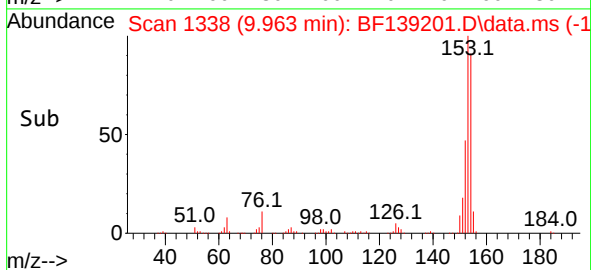
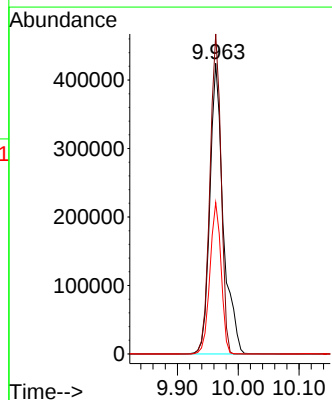
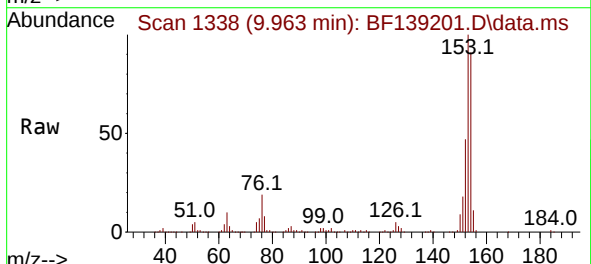
Instrument :
BNA_F
ClientSampleId :
PB163034BS

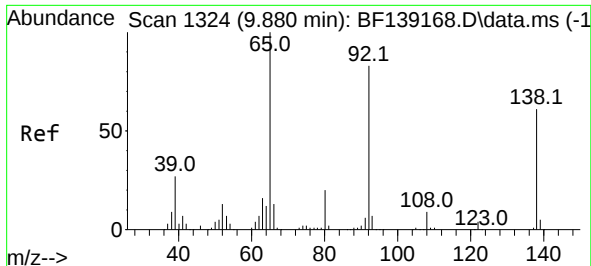
Tgt Ion:165 Resp: 151995
Ion Ratio Lower Upper
165 100
63 69.9 60.1 90.1
89 64.6 57.0 85.6



#52
Acenaphthene
Concen: 57.088 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:154 Resp: 649355
Ion Ratio Lower Upper
154 100
153 110.1 90.0 135.0
152 52.1 42.4 63.6

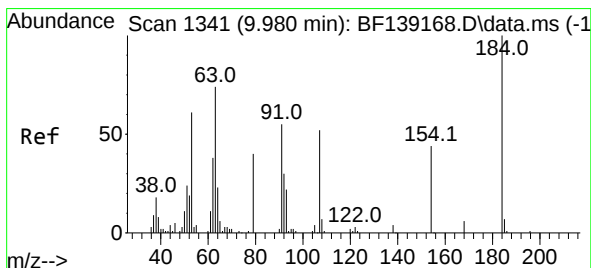
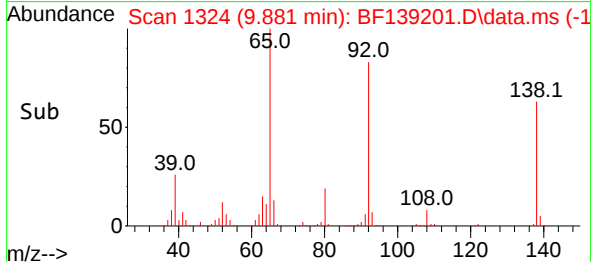
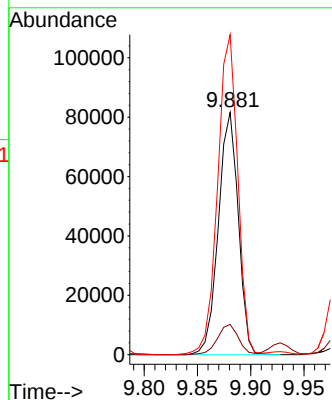
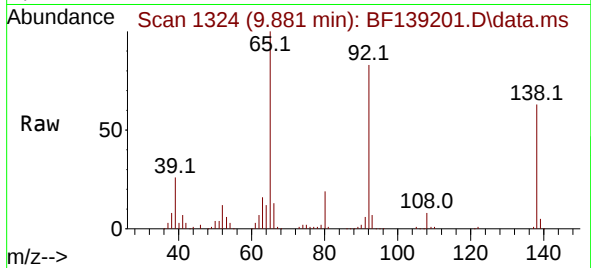




#53
3-Nitroaniline
Concen: 40.184 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

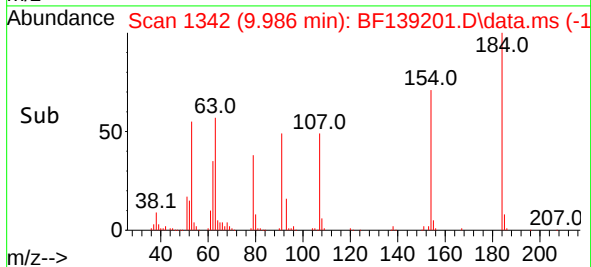
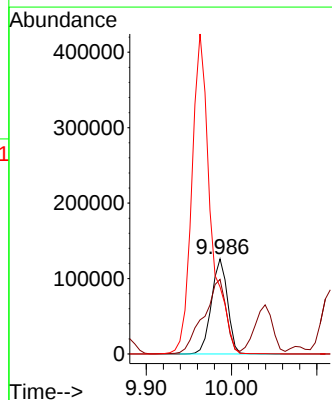
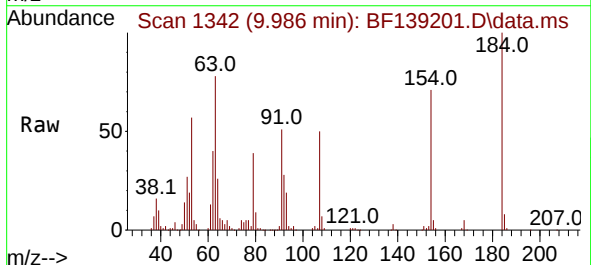
Instrument :
BNA_F
ClientSampleId :
PB163034BS

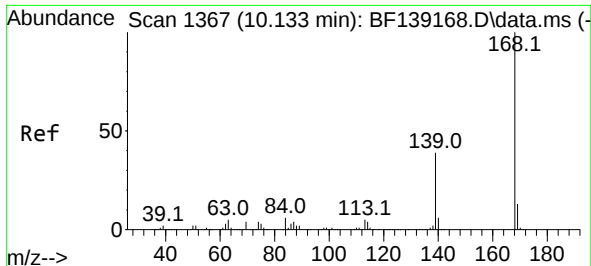
Tgt Ion:138 Resp: 105682
Ion Ratio Lower Upper
138 100
108 12.5 11.8 17.6
92 132.1 108.2 162.2



#54
2,4-Dinitrophenol
Concen: 109.424 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:184 Resp: 165327
Ion Ratio Lower Upper
184 100
63 78.5 72.1 108.1
154 70.6 135.3 202.9#

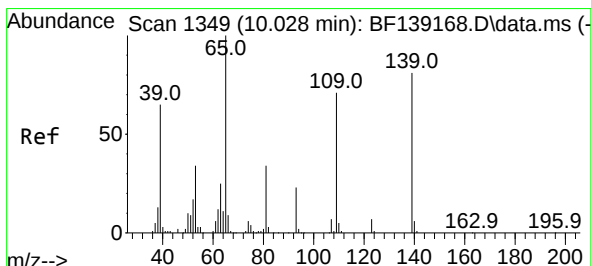
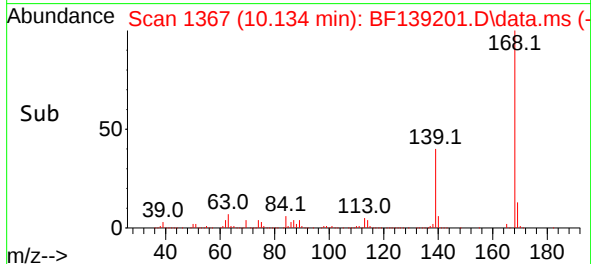
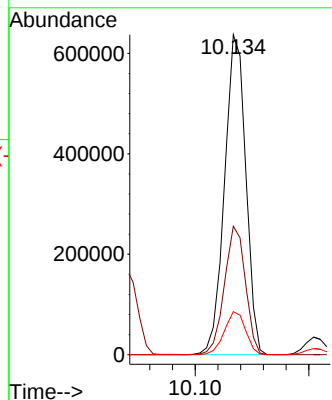
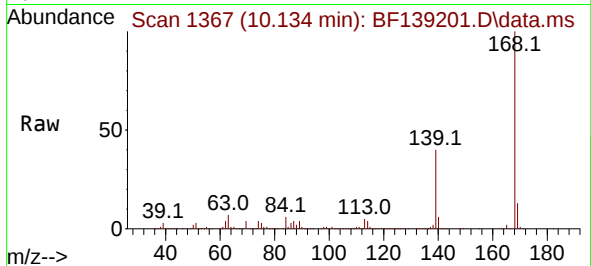




#55
Dibenzofuran
Concen: 49.896 ng
RT: 10.134 min Scan# 1367
Delta R.T. 0.001 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

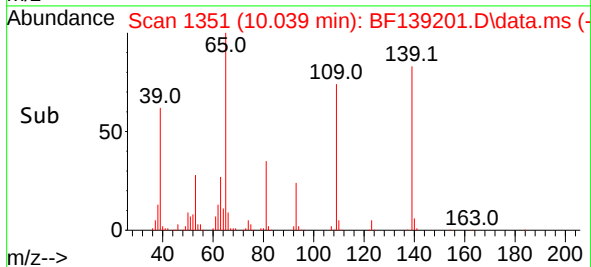
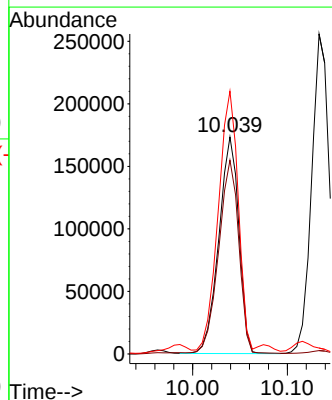
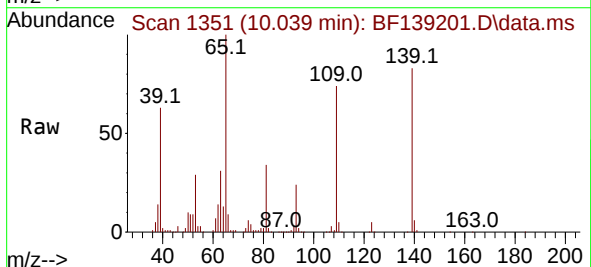
Instrument :
BNA_F
ClientSampleId :
PB163034BS

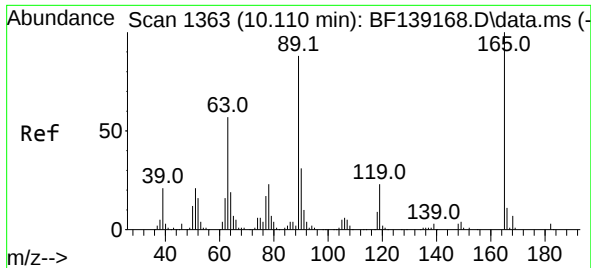
Tgt Ion:168 Resp: 828293
Ion Ratio Lower Upper
168 100
139 40.1 31.5 47.3
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 111.516 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.011 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

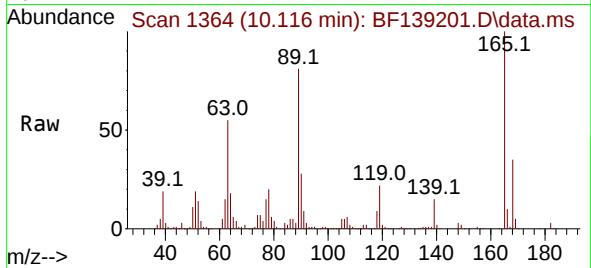
Tgt Ion:139 Resp: 255230
Ion Ratio Lower Upper
139 100
109 89.3 68.2 108.2
65 121.1 104.7 144.7



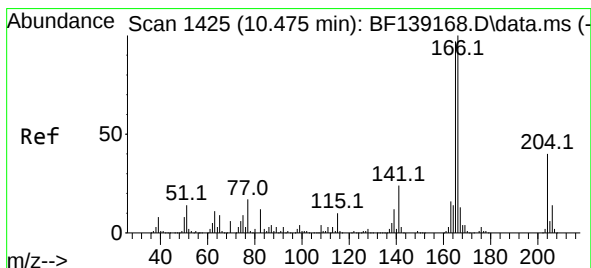
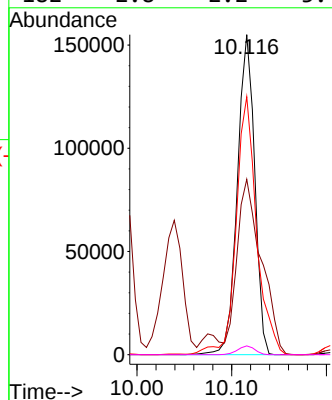
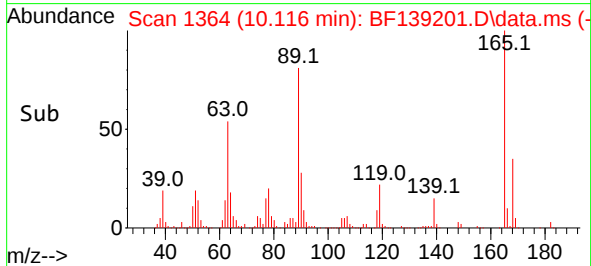


#57
2,4-Dinitrotoluene
Concen: 57.706 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

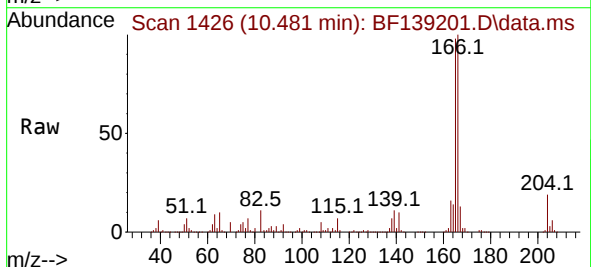
Instrument :
BNA_F
ClientSampleId :
PB163034BS



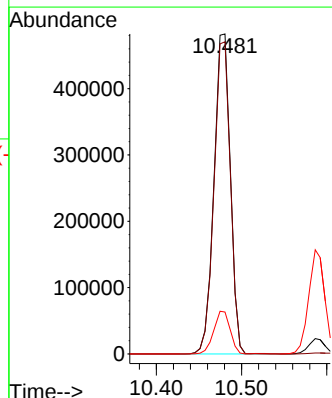
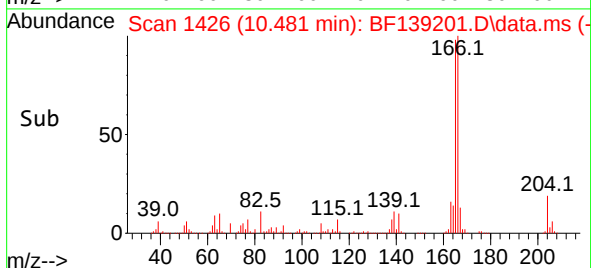
Tgt Ion:165 Resp: 197125
Ion Ratio Lower Upper
165 100
63 54.8 46.2 69.2
89 80.6 70.2 105.4
182 2.8 2.2 3.4

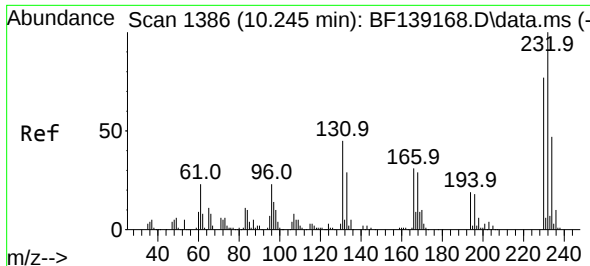


#58
Fluorene
Concen: 49.203 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08



Tgt Ion:166 Resp: 644396
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.1 10.8 16.2

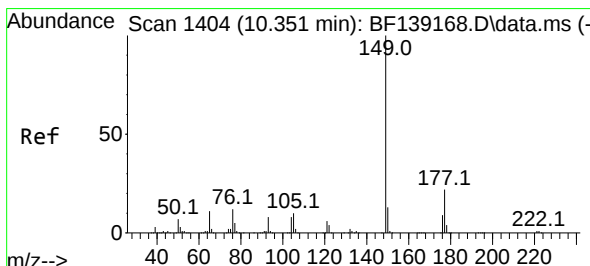
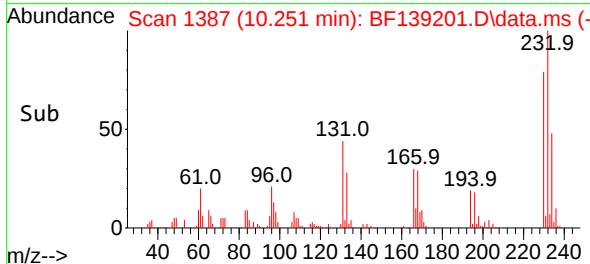
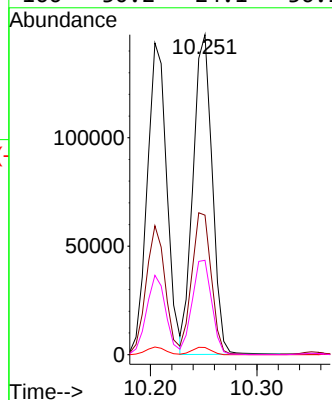
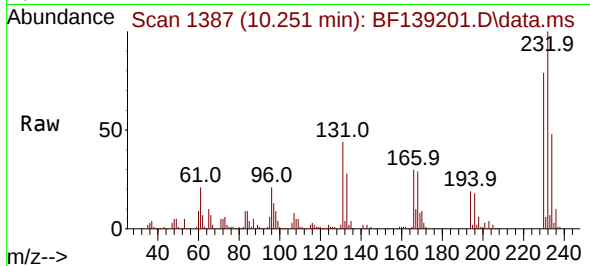




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.097 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

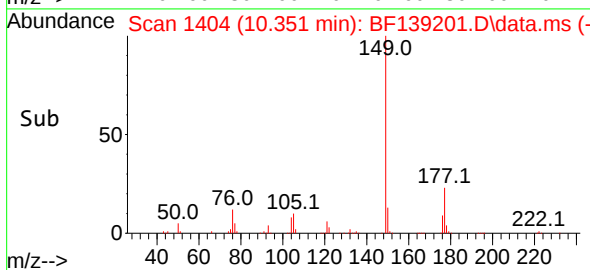
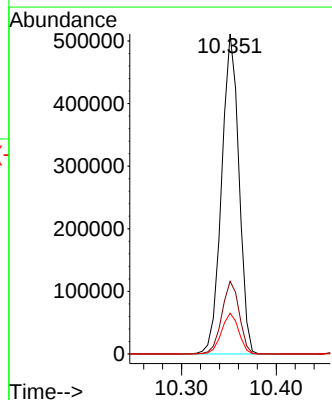
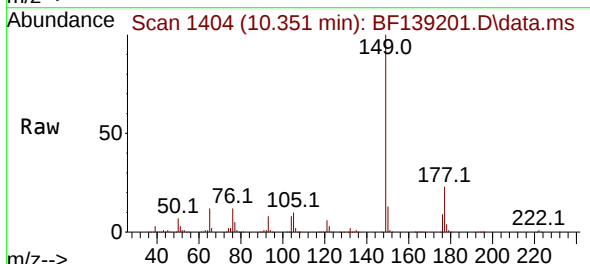
Instrument :
BNA_F
ClientSampleId :
PB163034BS

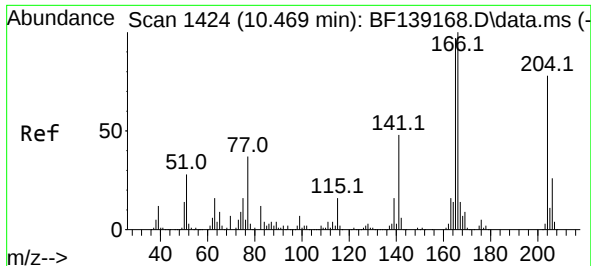
Tgt Ion:232 Resp: 184112
Ion Ratio Lower Upper
232 100
131 45.3 34.9 52.3
130 2.3 1.9 2.9
166 30.2 24.1 36.1



#60
Diethylphthalate
Concen: 56.161 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

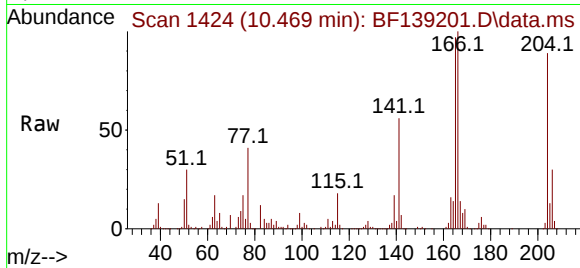
Tgt Ion:149 Resp: 650103
Ion Ratio Lower Upper
149 100
177 22.7 18.0 27.0
150 12.8 10.0 15.0



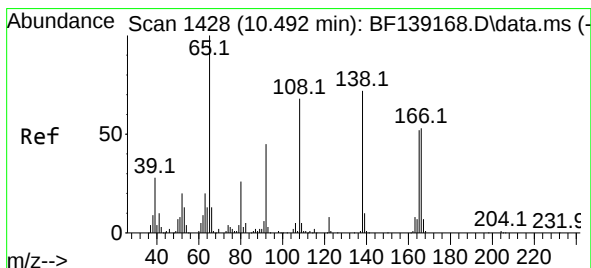
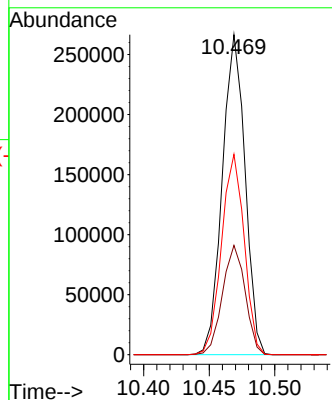
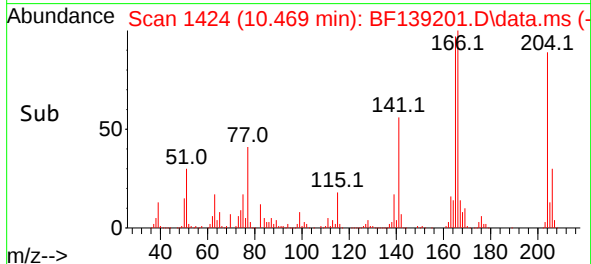


#61
4-Chlorophenyl-phenylether
Concen: 49.940 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

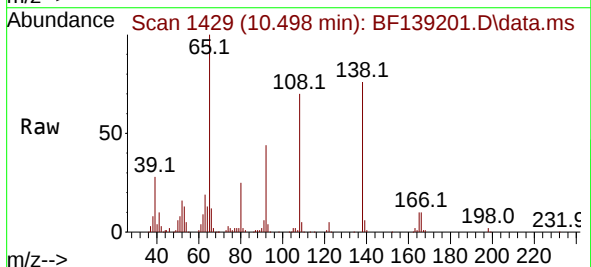
Instrument :
BNA_F
ClientSampleId :
PB163034BS



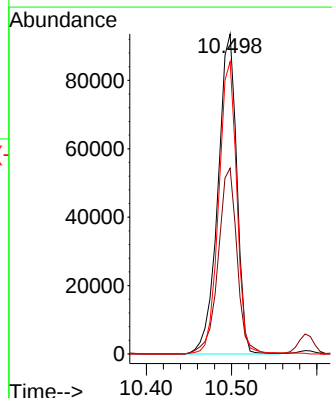
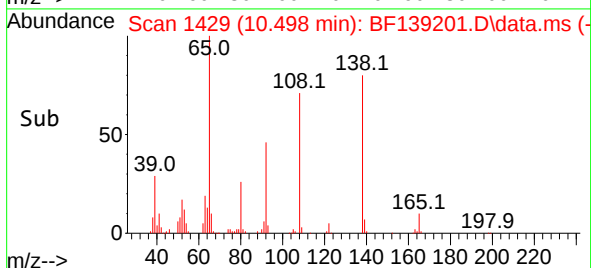
Tgt Ion:204 Resp: 320981
Ion Ratio Lower Upper
204 100
206 34.2 27.0 40.4
141 62.6 49.6 74.4

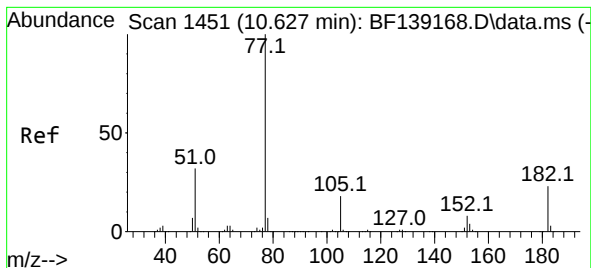


#62
4-Nitroaniline
Concen: 52.680 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08



Tgt Ion:138 Resp: 143553
Ion Ratio Lower Upper
138 100
92 58.1 42.4 82.4
108 91.3 74.0 114.0





#63

Azobenzene

Concen: 50.945 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

Tgt Ion: 77 Resp: 716901

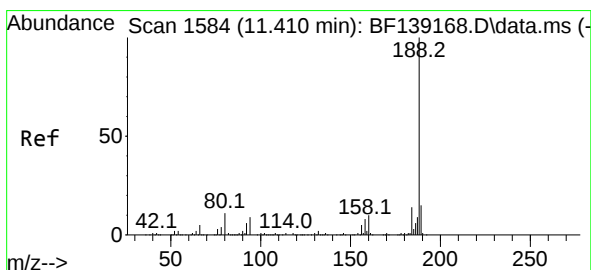
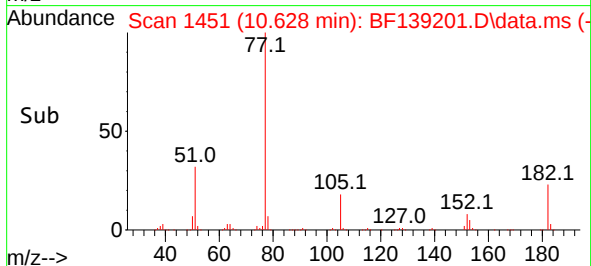
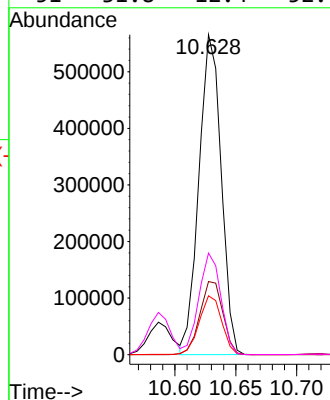
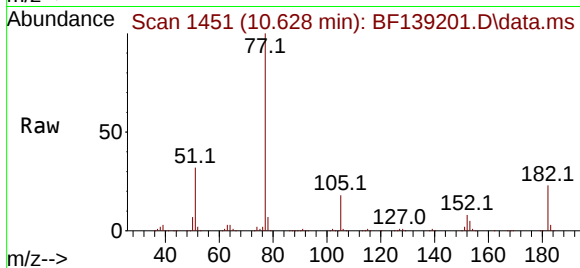
Ion Ratio Lower Upper

77 100

182 22.8 2.4 42.4

105 18.4 0.0 38.2

51 31.8 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: BF139201.D

Acq: 28 Aug 2024 11:08

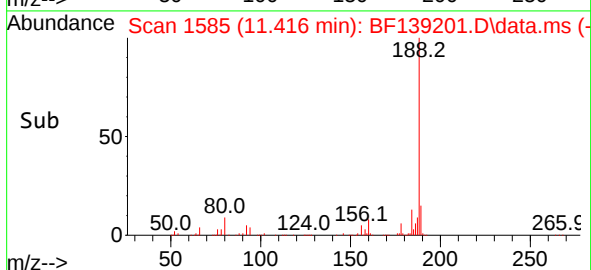
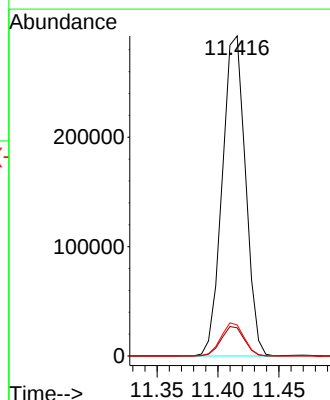
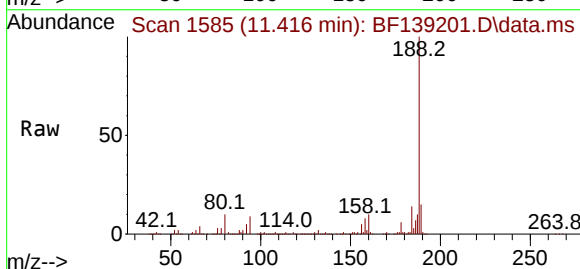
Tgt Ion: 188 Resp: 388796

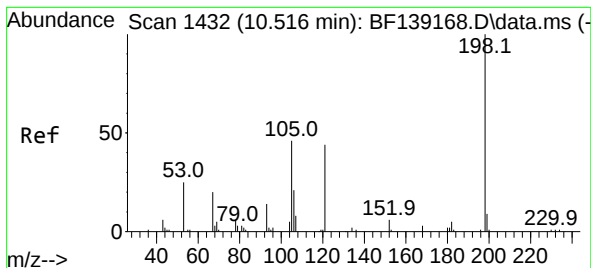
Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 9.7 8.9 13.3

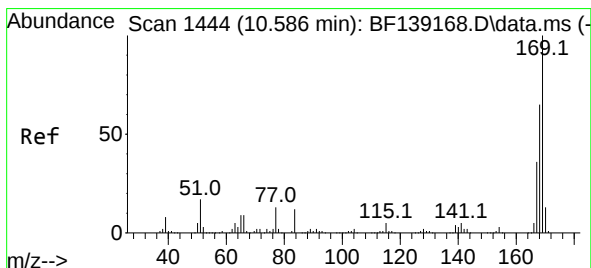
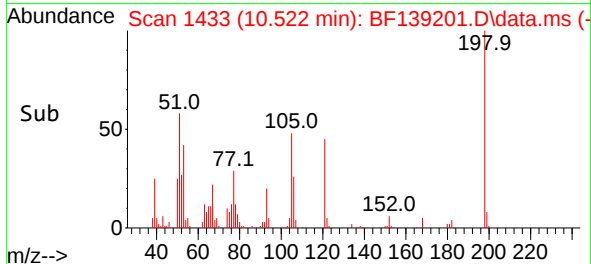
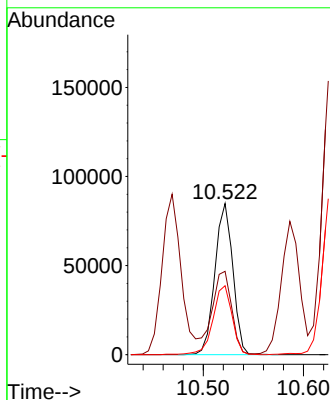
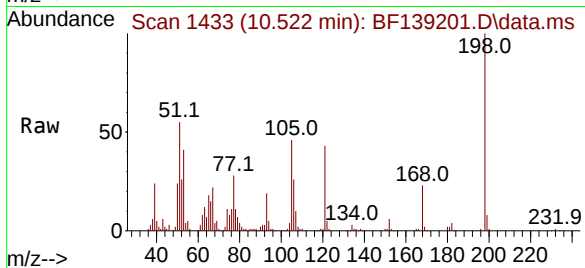




#65
4,6-Dinitro-2-methylphenol
Concen: 63.054 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

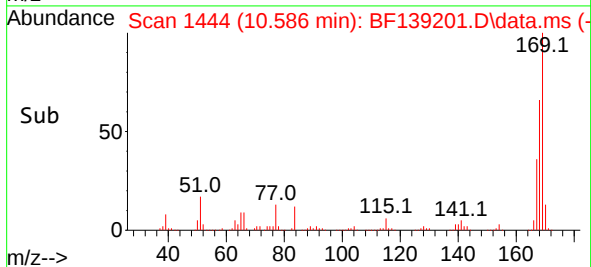
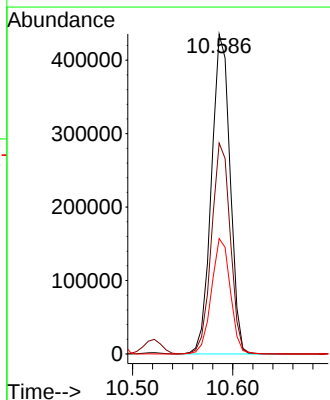
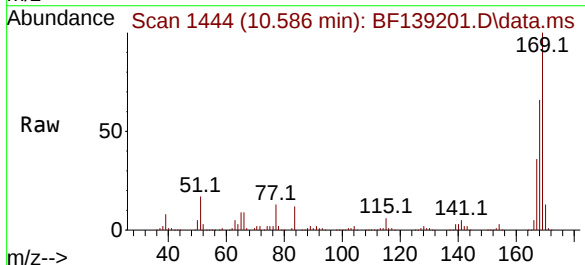
Instrument :
BNA_F
ClientSampleId :
PB163034BS

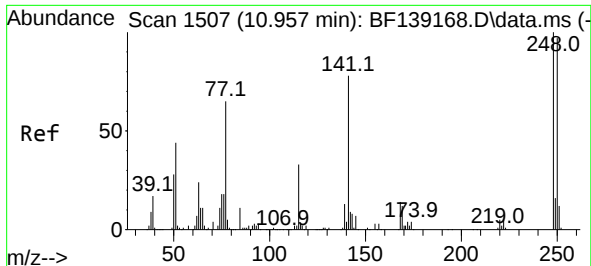
Tgt Ion:198 Resp: 105429
Ion Ratio Lower Upper
198 100
51 55.1 39.2 79.2
105 45.6 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 48.747 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:169 Resp: 561304
Ion Ratio Lower Upper
169 100
168 65.9 52.3 78.5
167 36.0 29.0 43.4

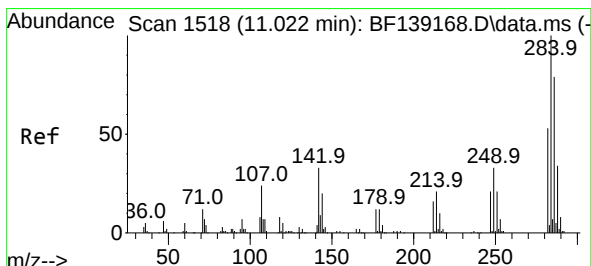
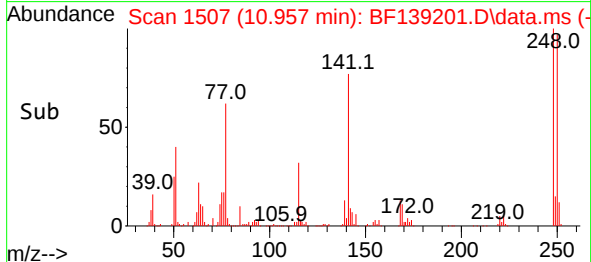
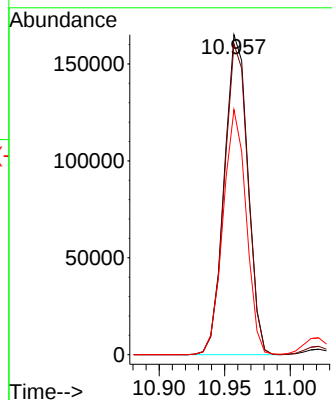
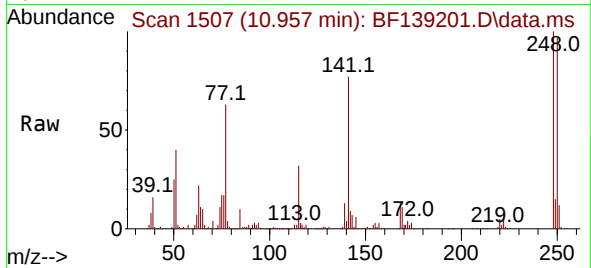




#67
4-Bromophenyl-phenylether
Concen: 50.093 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

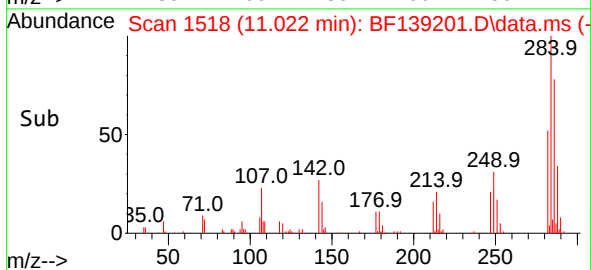
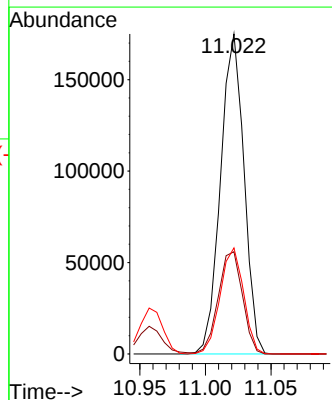
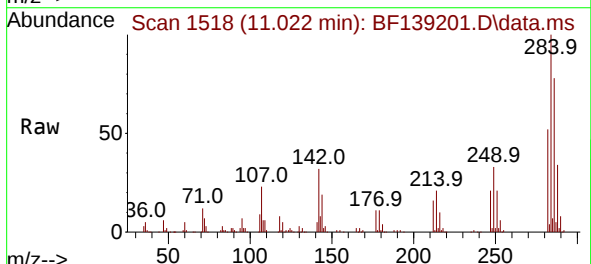
Instrument :
BNA_F
ClientSampleId :
PB163034BS

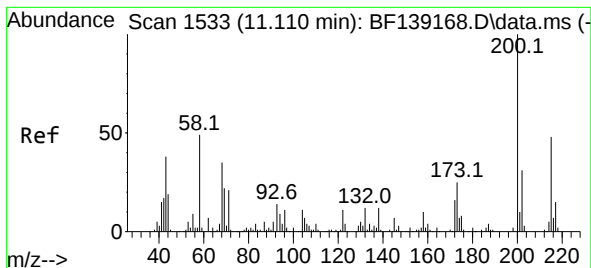
Tgt Ion:248 Resp: 206935
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 76.6 62.6 94.0



#68
Hexachlorobenzene
Concen: 48.639 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:284 Resp: 217452
Ion Ratio Lower Upper
284 100
142 31.9 26.6 40.0
249 33.1 26.5 39.7





#69

Atrazine

Concen: 70.923 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

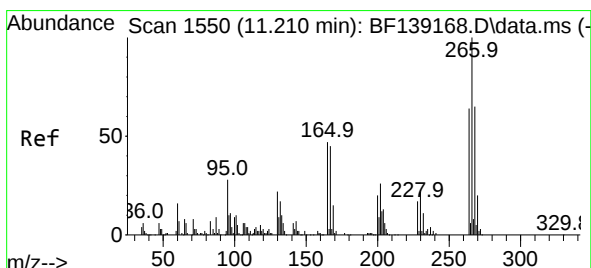
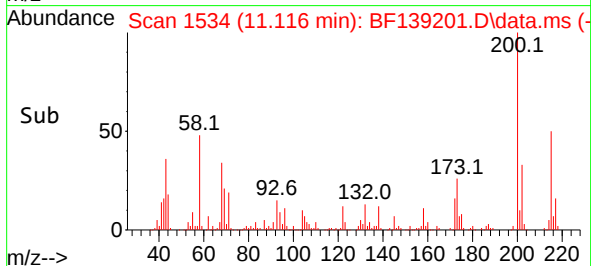
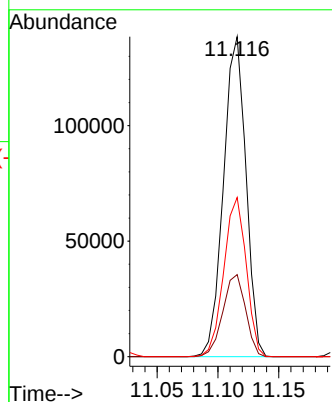
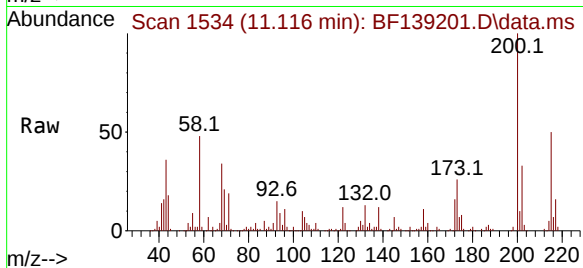
Tgt Ion:200 Resp: 178125

Ion Ratio Lower Upper

200 100

173 25.6 4.7 44.7

215 49.7 28.2 68.2



#70

Pentachlorophenol

Concen: 103.061 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

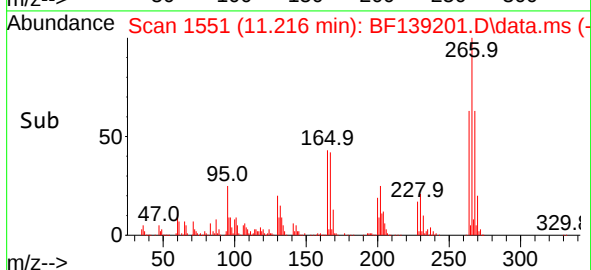
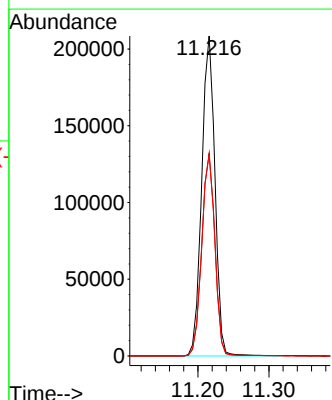
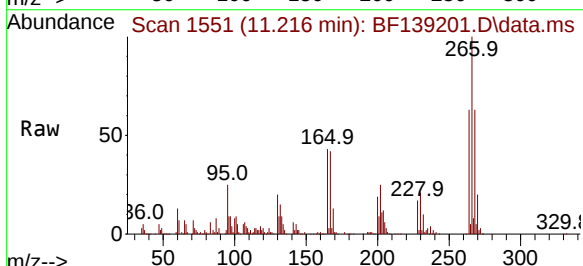
Tgt Ion:266 Resp: 270513

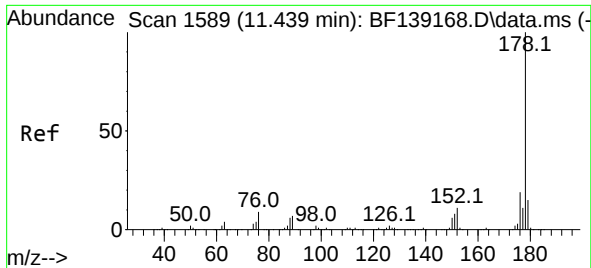
Ion Ratio Lower Upper

266 100

268 63.3 51.8 77.8

264 63.0 51.0 76.6

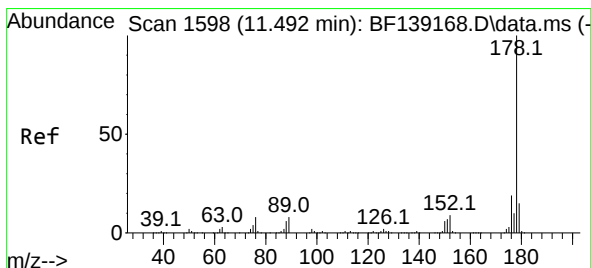
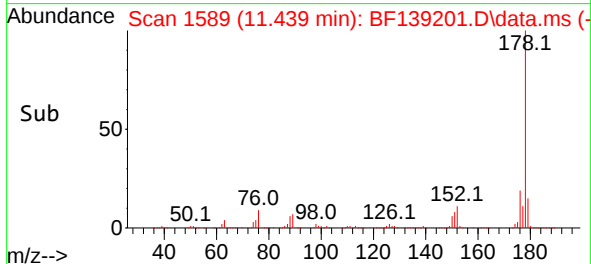
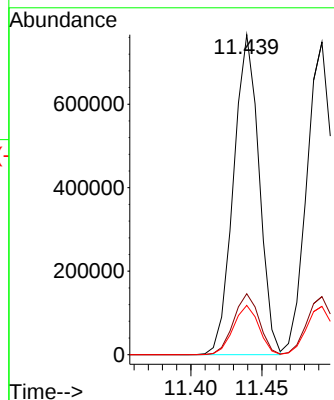
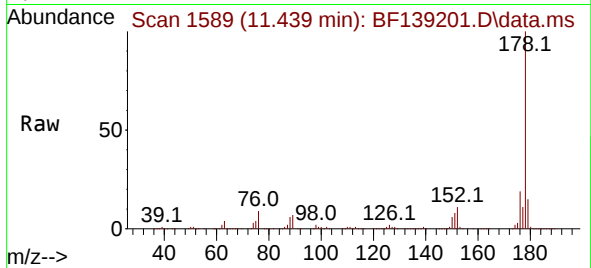




#71
Phenanthrene
Concen: 48.784 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

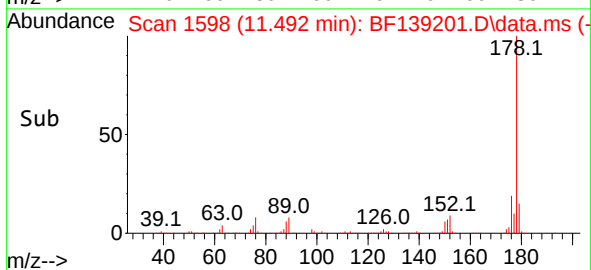
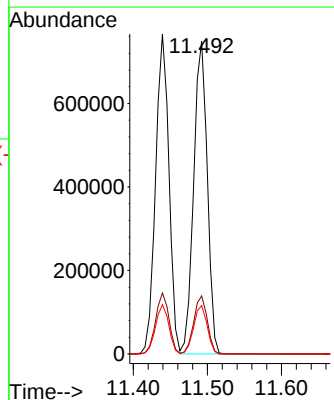
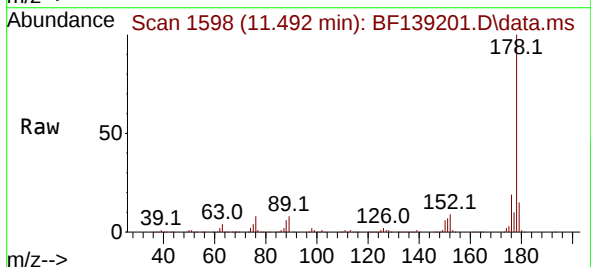
Instrument :
BNA_F
ClientSampleId :
PB163034BS

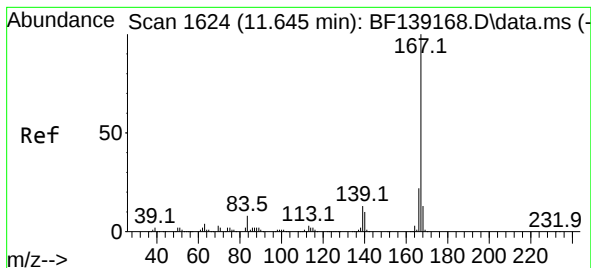
Tgt Ion:178 Resp: 958458
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.2 18.4



#72
Anthracene
Concen: 49.780 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:178 Resp: 953382
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.3 18.5





#73

Carbazole

Concen: 47.866 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

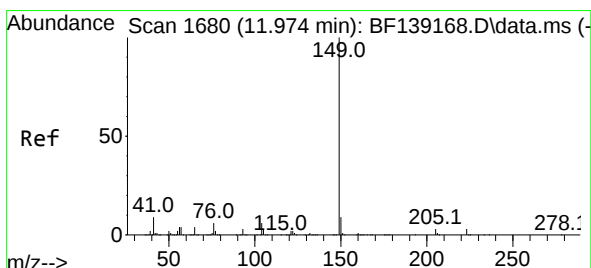
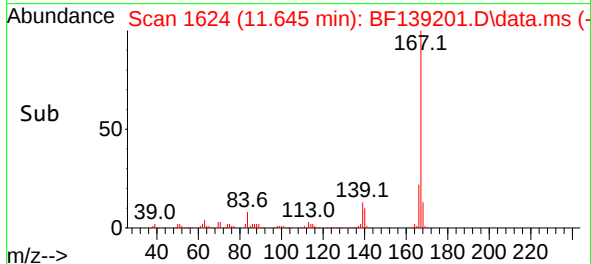
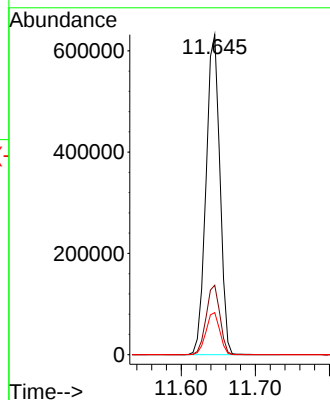
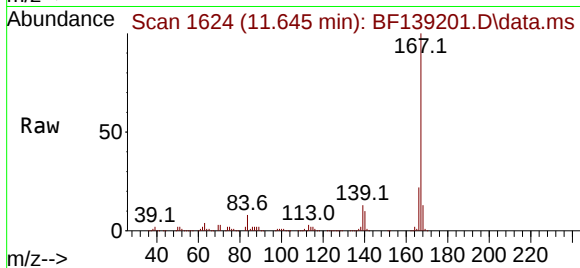
Tgt Ion:167 Resp: 820069

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.2 10.3 15.5



#74

Di-n-butylphthalate

Concen: 61.054 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

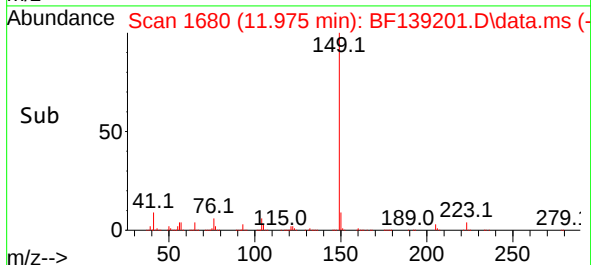
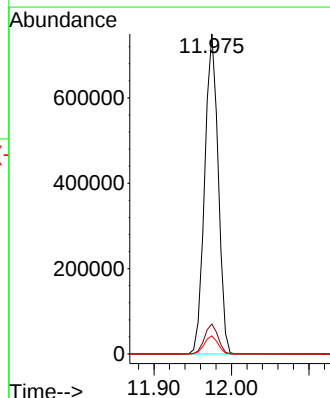
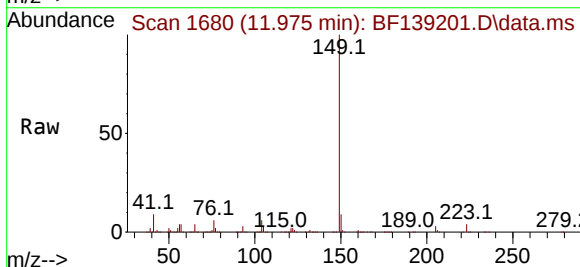
Tgt Ion:149 Resp: 906583

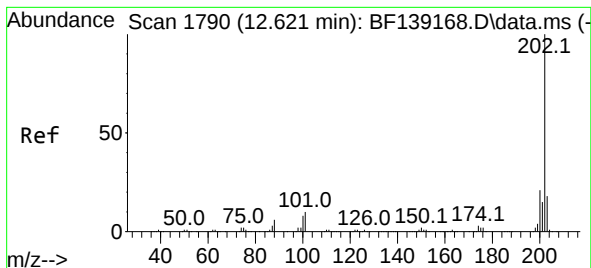
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 49.103 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

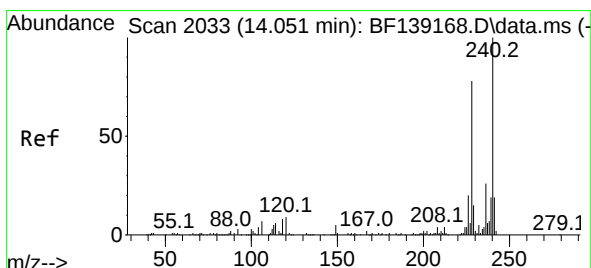
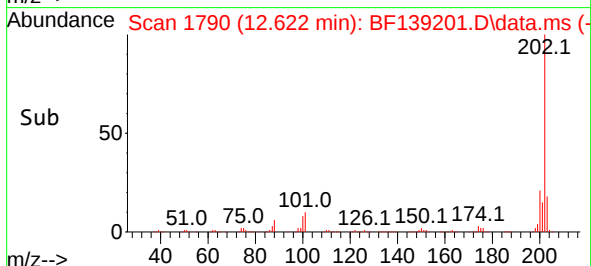
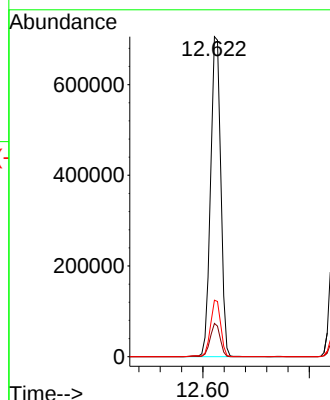
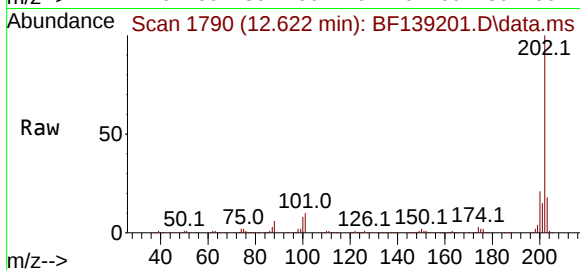
Tgt Ion:202 Resp: 936226

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.1

203 17.6 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: BF139201.D

Acq: 28 Aug 2024 11:08

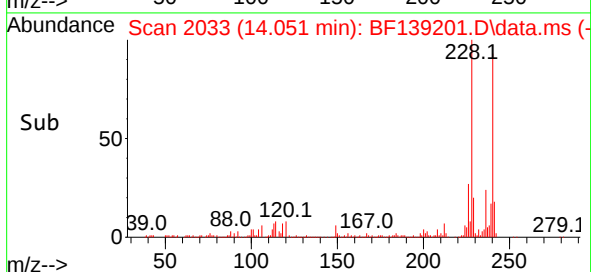
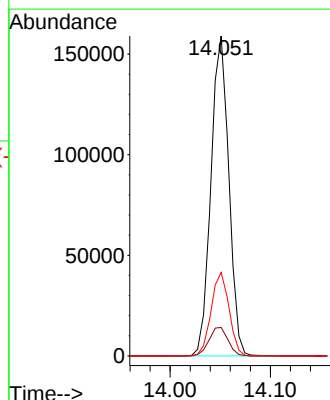
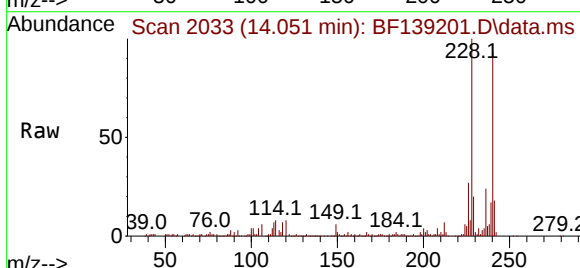
Tgt Ion:240 Resp: 197039

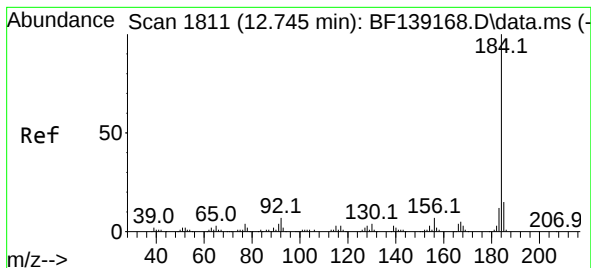
Ion Ratio Lower Upper

240 100

120 8.9 6.9 10.3

236 26.1 20.9 31.3





#77

Benzidine

Concen: 30.817 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

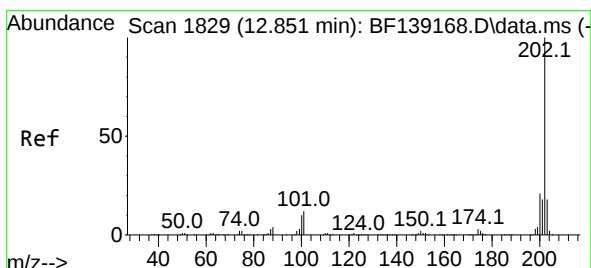
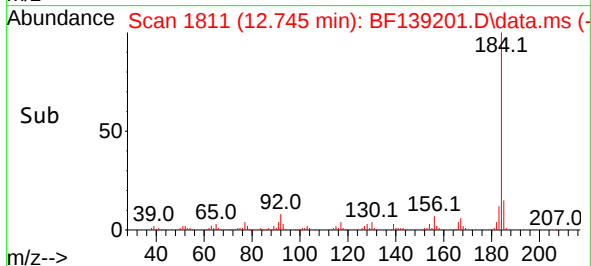
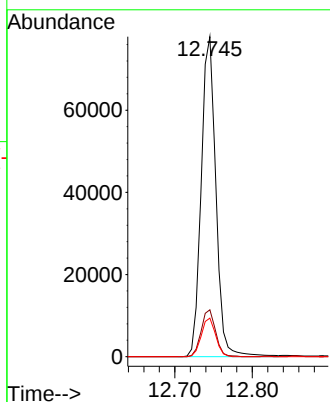
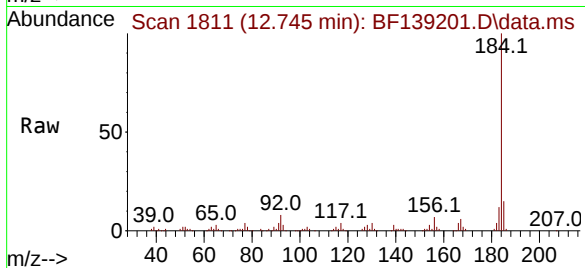
Tgt Ion:184 Resp: 102464

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

183 12.0 9.4 14.0



#78

Pyrene

Concen: 49.547 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

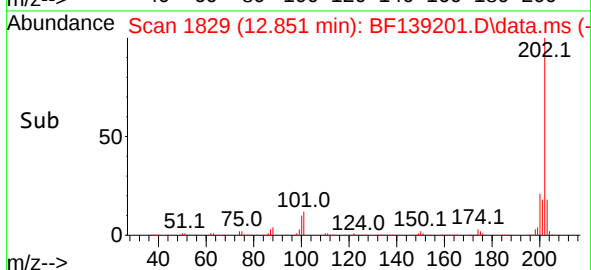
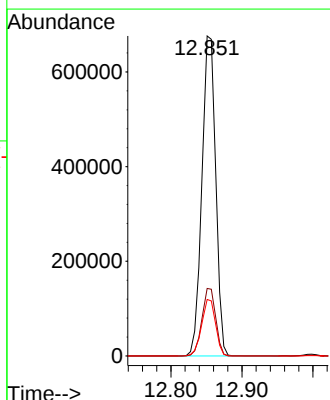
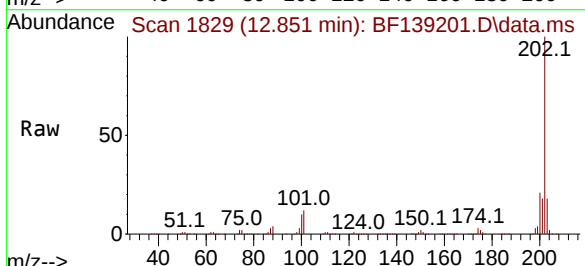
Tgt Ion:202 Resp: 917049

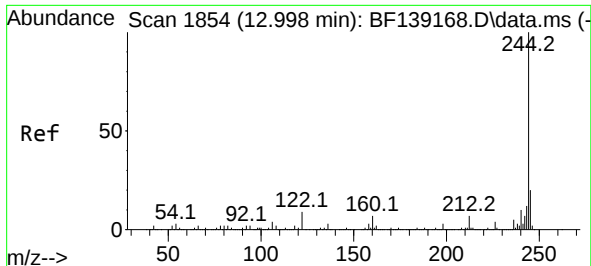
Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

203 17.7 14.1 21.1

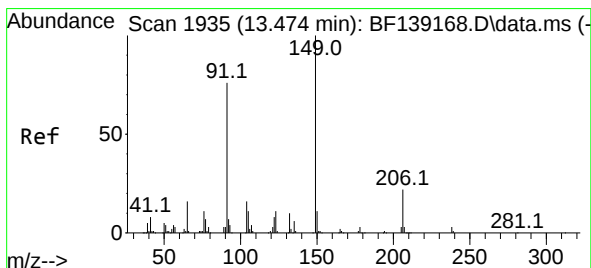
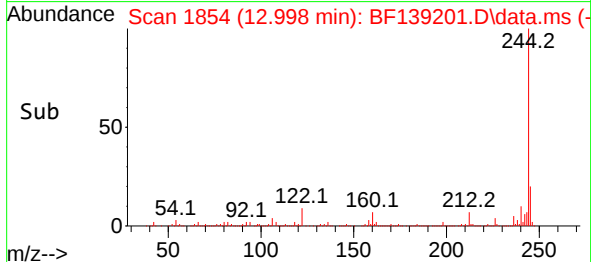
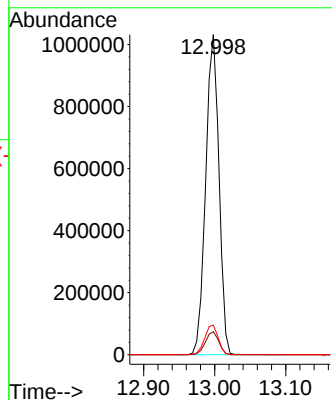
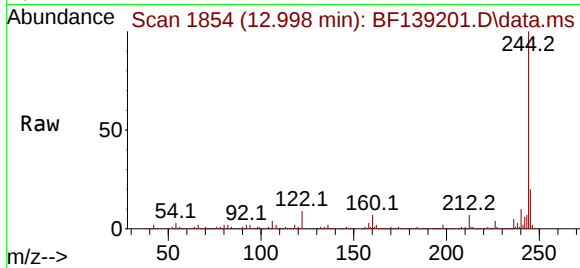




#79
 Terphenyl-d14
 Concen: 106.252 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139201.D
 Acq: 28 Aug 2024 11:08

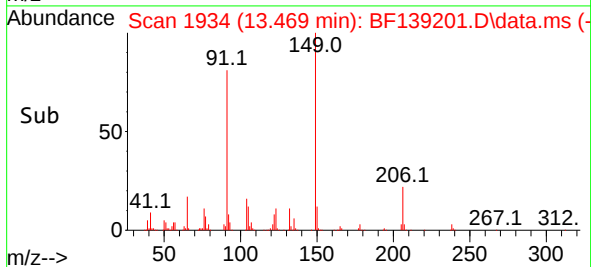
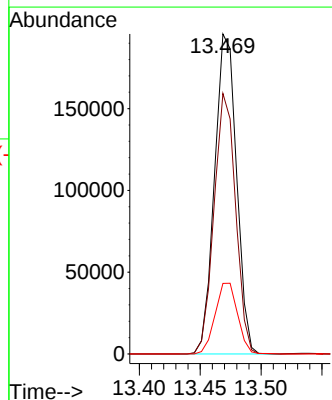
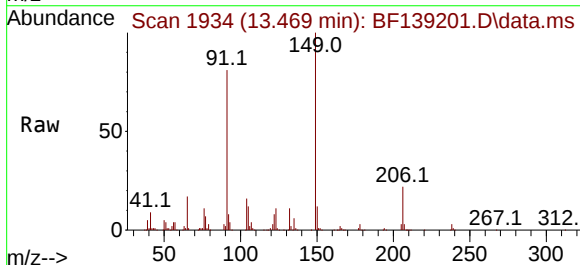
Instrument :
 BNA_F
 ClientSampleId :
 PB163034BS

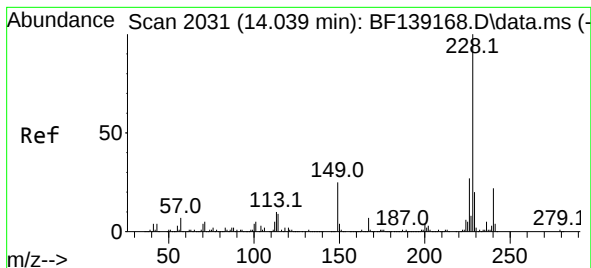
Tgt Ion:244 Resp: 1341750
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.2 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 63.151 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. -0.005 min
 Lab File: BF139201.D
 Acq: 28 Aug 2024 11:08

Tgt Ion:149 Resp: 246052
 Ion Ratio Lower Upper
 149 100
 91 81.4 60.9 91.3
 206 22.1 17.7 26.5





#81

Benzo(a)anthracene

Concen: 49.281 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

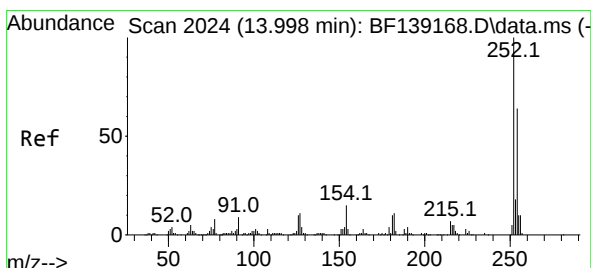
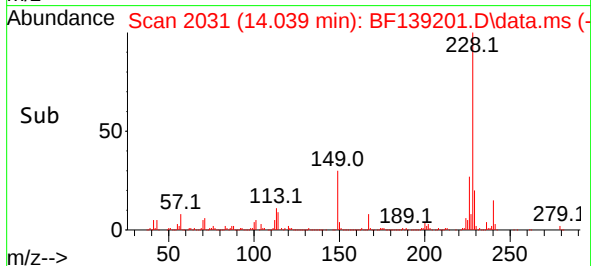
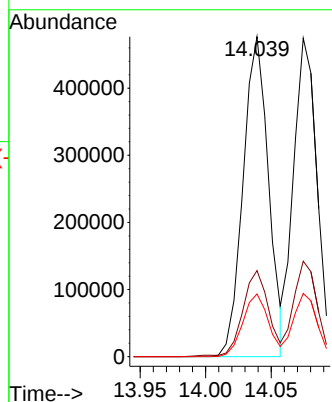
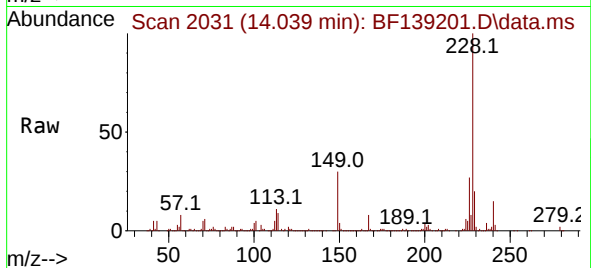
Tgt Ion:228 Resp: 643376

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 50.900 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

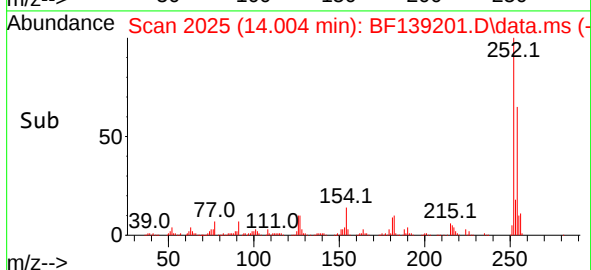
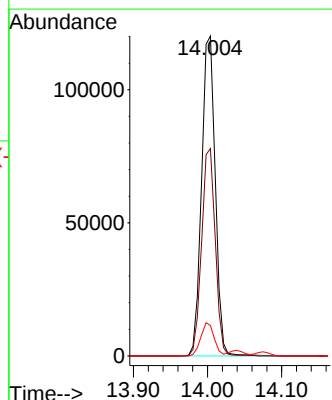
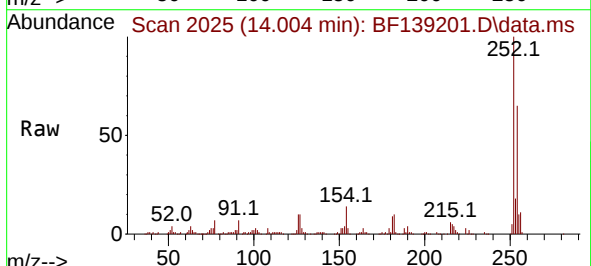
Tgt Ion:252 Resp: 154719

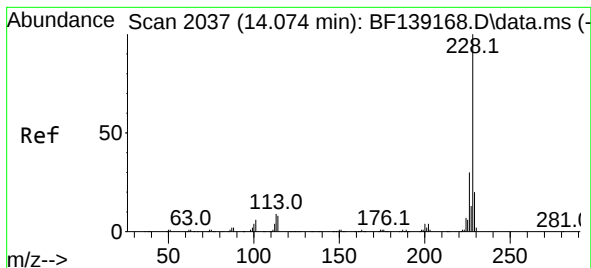
Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

126 9.5 8.2 12.2





#83

Chrysene

Concen: 49.699 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

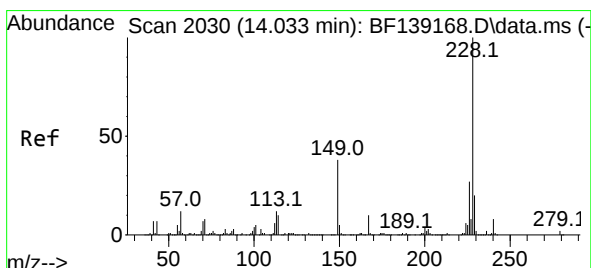
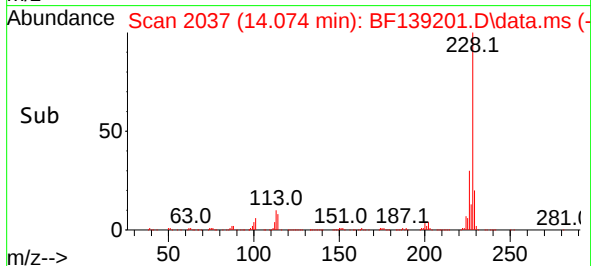
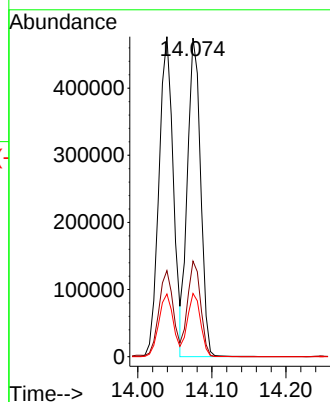
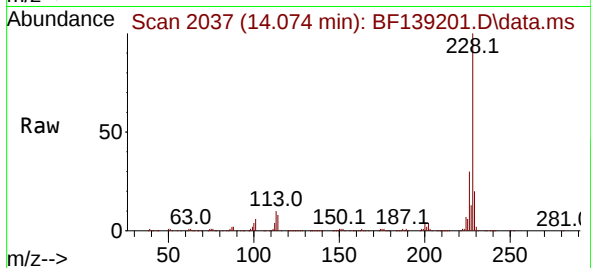
Tgt Ion:228 Resp: 585297

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.262 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

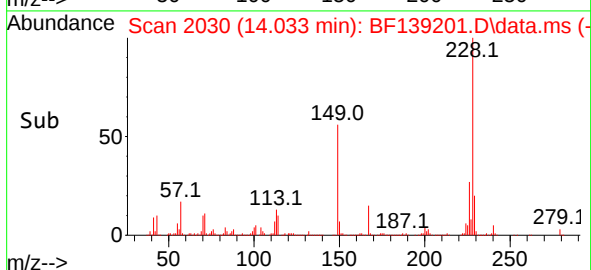
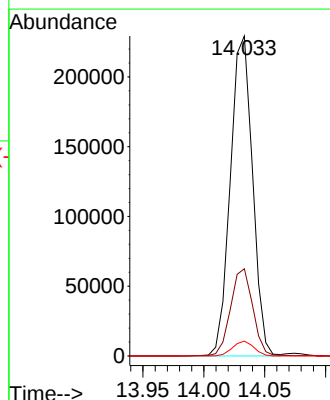
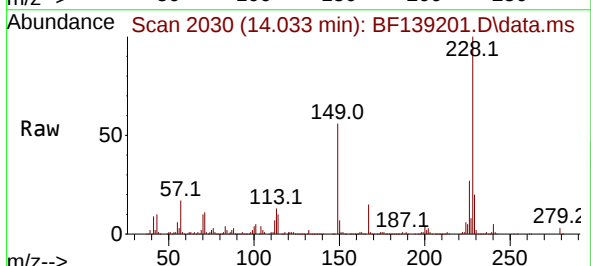
Tgt Ion:149 Resp: 290681

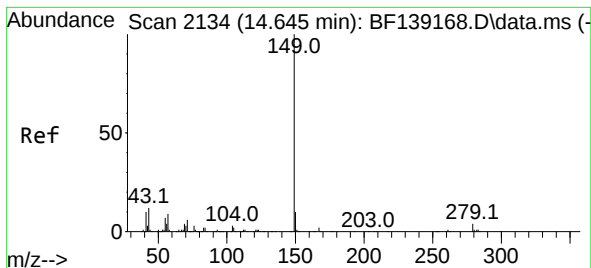
Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 4.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 59.360 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

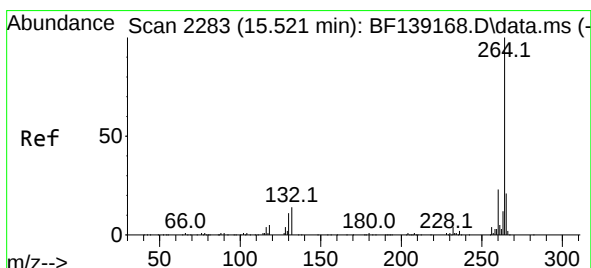
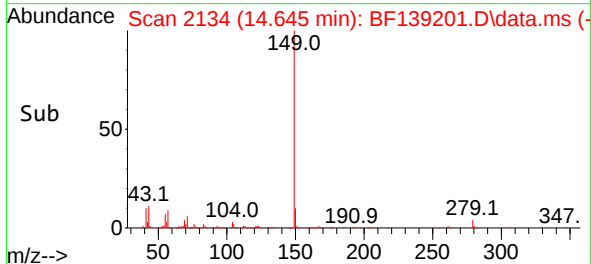
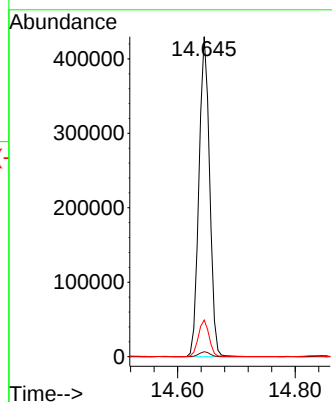
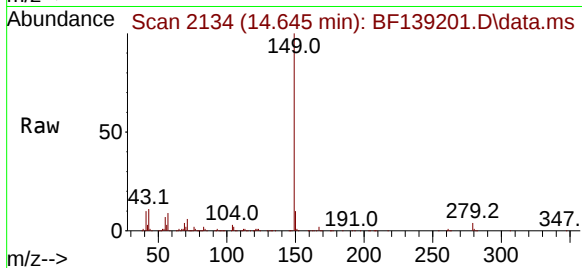
Tgt Ion:149 Resp: 540646

Ion Ratio Lower Upper

149 100

167 1.6 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: BF139201.D

Acq: 28 Aug 2024 11:08

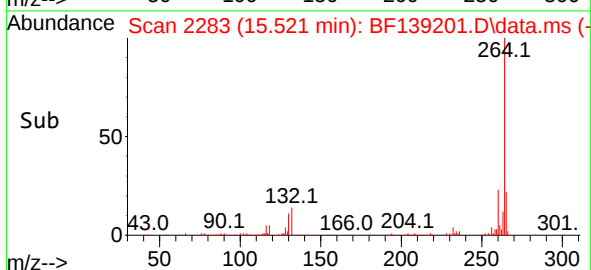
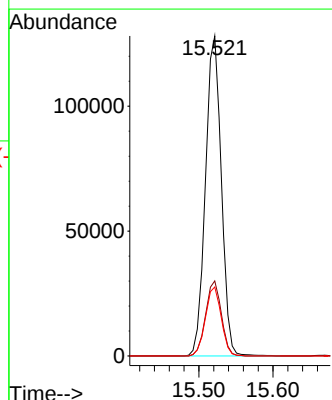
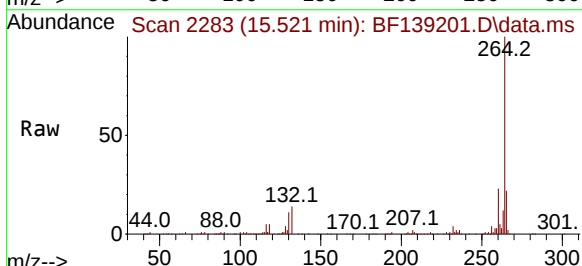
Tgt Ion:264 Resp: 190668

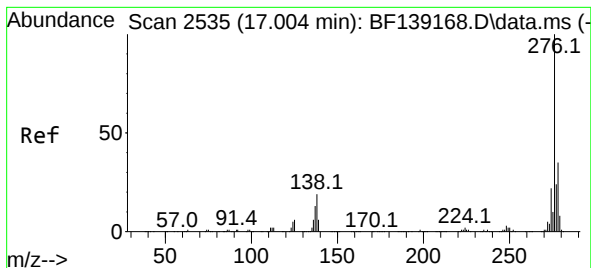
Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.723 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

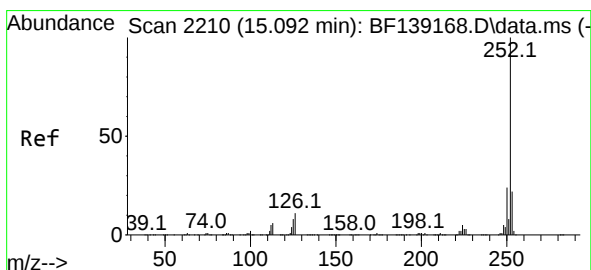
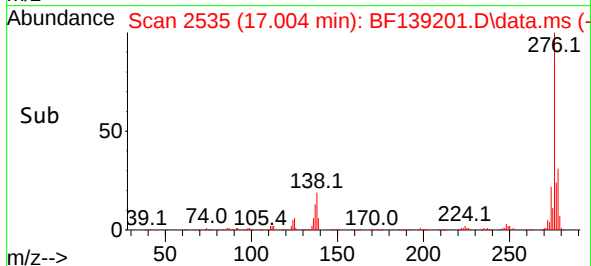
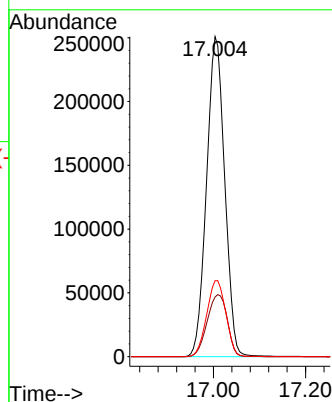
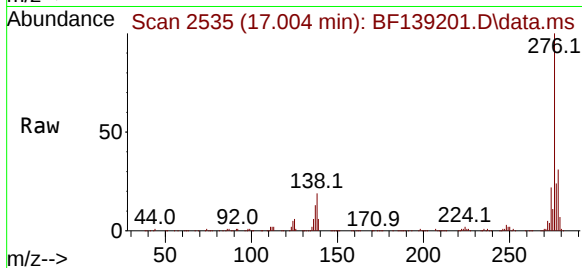
Tgt Ion:276 Resp: 687354

Ion Ratio Lower Upper

276 100

138 21.5 17.4 26.2

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 53.811 ng

RT: 15.092 min Scan# 2210

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

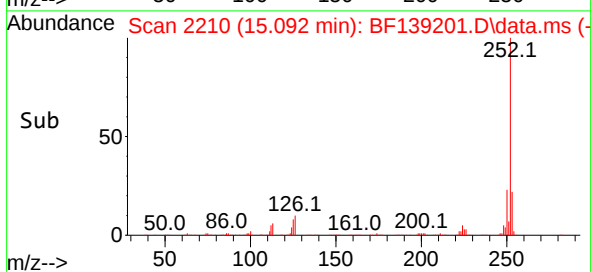
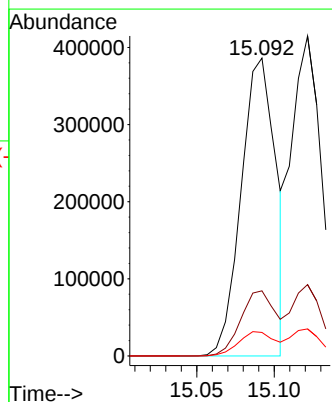
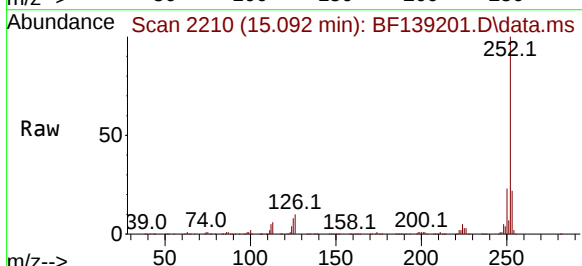
Tgt Ion:252 Resp: 600182

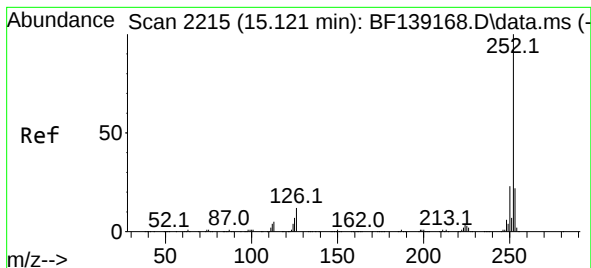
Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 7.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 55.381 ng

RT: 15.121 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB163034BS

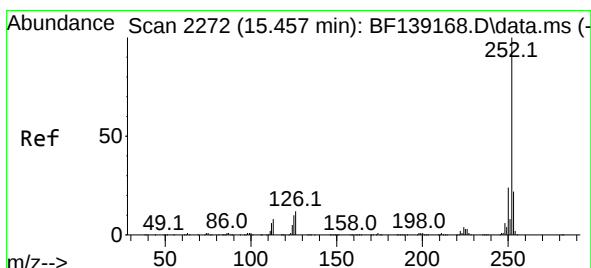
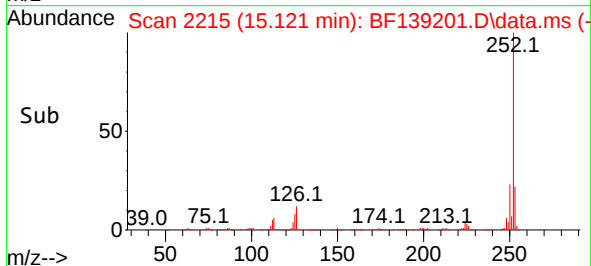
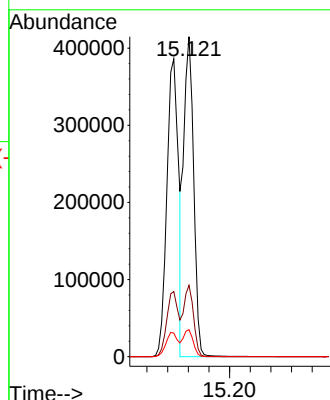
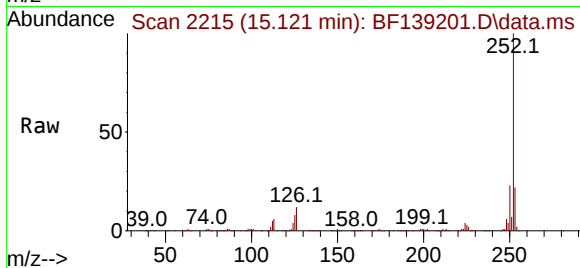
Tgt Ion:252 Resp: 558457

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 8.4 6.5 9.7



#90

Benzo(a)pyrene

Concen: 53.858 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BF139201.D

Acq: 28 Aug 2024 11:08

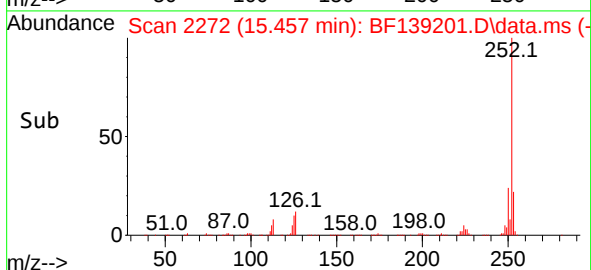
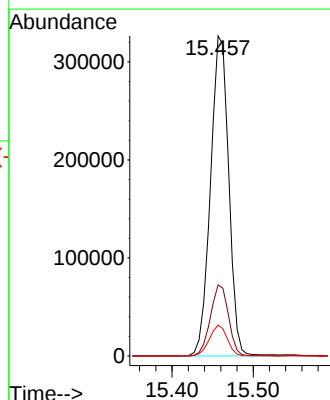
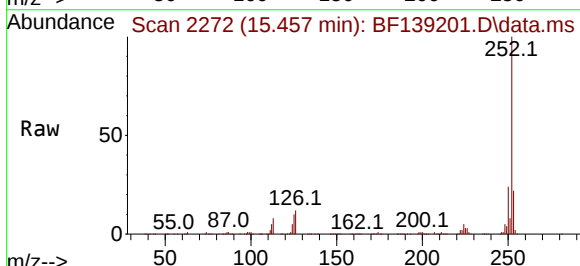
Tgt Ion:252 Resp: 509885

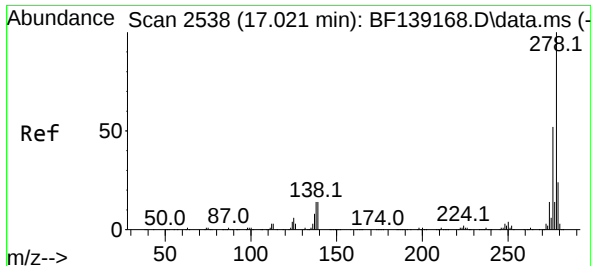
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.6 7.8 11.6

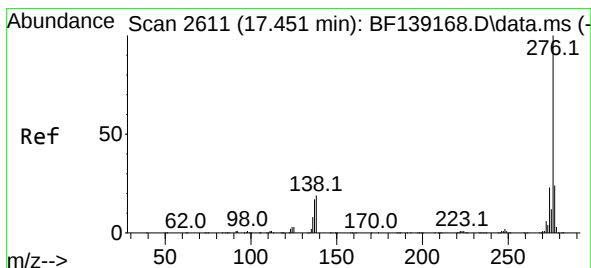
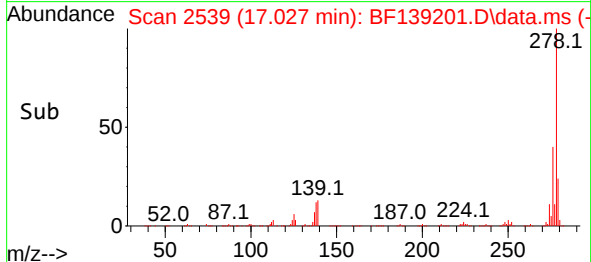
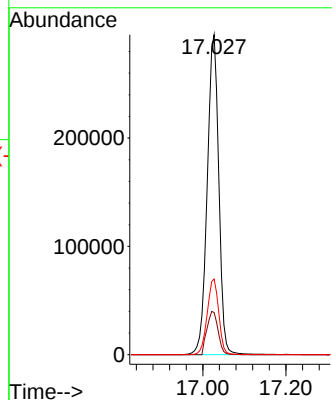
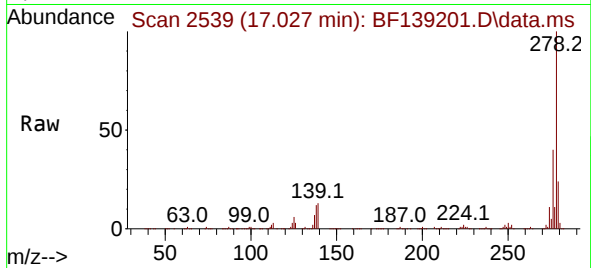




#91
Dibenzo(a,h)anthracene
Concen: 53.517 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB163034BS

Tgt Ion:278 Resp: 571859
Ion Ratio Lower Upper
278 100
139 13.2 11.2 16.8
279 23.6 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 51.110 ng
RT: 17.457 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF139201.D
Acq: 28 Aug 2024 11:08

Tgt Ion:276 Resp: 564907
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 18.0 15.0 22.6

