

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139179.D
 Acq On : 27 Aug 2024 11:02
 Operator : RC/JU
 Sample : PB162379BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162379BS

Quant Time: Aug 27 11:51:15 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	129929	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	483026	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	278261	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	487493	20.000	ng	0.00
76) Chrysene-d12	14.051	240	261728	20.000	ng	0.00
86) Perylene-d12	15.521	264	237760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	966812	125.037	ng	0.02
7) Phenol-d6	6.528	99	1266767	119.374	ng	0.00
23) Nitrobenzene-d5	7.457	82	829462	95.134	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	334168	140.220	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1378196	76.936	ng	0.00
79) Terphenyl-d14	12.998	244	1455917	86.796	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	114038	31.186	ng	99
3) Pyridine	3.528	79	295271	32.491	ng	99
4) n-Nitrosodimethylamine	3.493	42	234398	44.304	ng	96
6) Aniline	6.557	93	261524	26.291	ng	# 90
8) 2-Chlorophenol	6.681	128	367785	50.065	ng	97
9) Benzaldehyde	6.440	77	99406	14.966	ng	100
10) Phenol	6.540	94	493465	46.077	ng	97
11) bis(2-Chloroethyl)ether	6.634	93	378551	44.862	ng	99
12) 1,3-Dichlorobenzene	6.834	146	398653	41.151	ng	99
13) 1,4-Dichlorobenzene	6.910	146	402789	41.442	ng	100
14) 1,2-Dichlorobenzene	7.063	146	385391	42.144	ng	99
15) Benzyl Alcohol	7.034	79	386299	48.296	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	540924	44.220	ng	95
17) 2-Methylphenol	7.145	107	303355	45.297	ng	99
18) Hexachloroethane	7.404	117	141649	46.065	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	298491	47.029	ng	98
20) 3+4-Methylphenols	7.298	107	386263	45.217	ng	93
22) Acetophenone	7.304	105	495548	39.928	ng	97
24) Nitrobenzene	7.481	77	442844	43.892	ng	97
25) Isophorone	7.716	82	782916	45.408	ng	100
26) 2-Nitrophenol	7.793	139	169193	53.449	ng	99
27) 2,4-Dimethylphenol	7.828	122	258840	50.650	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	434646	43.541	ng	99
29) 2,4-Dichlorophenol	8.034	162	306960	48.664	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	337380	41.476	ng	99
31) Naphthalene	8.198	128	1034297	41.877	ng	100
32) Benzoic acid	7.951	122	200082	46.219	ng	99
33) 4-Chloroaniline	8.245	127	184732	21.704	ng	99
34) Hexachlorobutadiene	8.310	225	215193	40.711	ng	98
35) Caprolactam	8.616	113	48769	25.203	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	345190	47.716	ng	97
37) 2-Methylnaphthalene	8.887	142	669166	43.218	ng	99
38) 1-Methylnaphthalene	8.987	142	612937	40.503	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	316149	38.304	ng	99
41) Hexachlorocyclopentadiene	9.039	237	288668	108.921	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	235652	51.063	ng	100

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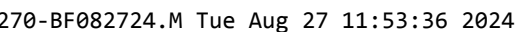
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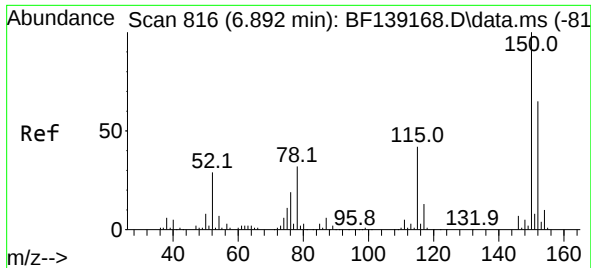
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	226595	46.842	ng	99
46) 1,1'-Biphenyl	9.351	154	769156	38.188	ng	100
47) 2-Chloronaphthalene	9.375	162	650336	40.473	ng	98
48) 2-Nitroaniline	9.469	65	229547	48.465	ng	98
49) Acenaphthylene	9.792	152	1024616	45.254	ng	100
50) Dimethylphthalate	9.657	163	750230	46.673	ng	100
51) 2,6-Dinitrotoluene	9.716	165	161824	47.141	ng	91
52) Acenaphthene	9.963	154	693048	46.596	ng	99
53) 3-Nitroaniline	9.881	138	118583	35.112	ng	99
54) 2,4-Dinitrophenol	9.986	184	153436	88.522	ng #	52
55) Dibenzofuran	10.139	168	918571	42.317	ng	100
56) 4-Nitrophenol	10.039	139	256425	86.876	ng	97
57) 2,4-Dinitrotoluene	10.116	165	218041	49.727	ng	98
58) Fluorene	10.481	166	716857	41.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	203131	52.394	ng	99
60) Diethylphthalate	10.351	149	718814	47.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	350447	41.698	ng	98
62) 4-Nitroaniline	10.498	138	158048	44.814	ng	99
63) Azobenzene	10.633	77	808517	43.939	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	106358	54.306	ng	99
66) n-Nitrosodiphenylamine	10.592	169	621541	43.050	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	217757	42.040	ng	97
68) Hexachlorobenzene	11.022	284	241454	43.074	ng	100
69) Atrazine	11.116	200	160088	50.836	ng	99
70) Pentachlorophenol	11.216	266	294536	89.495	ng	99
71) Phenanthrene	11.439	178	1074473	43.616	ng	100
72) Anthracene	11.492	178	1074783	44.757	ng	100
73) Carbazole	11.645	167	944436	43.965	ng	99
74) Di-n-butylphthalate	11.975	149	1007953	54.138	ng	99
75) Fluoranthene	12.627	202	1047859	43.831	ng	100
77) Benzidine	12.745	184	29781	6.743	ng	99
78) Pyrene	12.857	202	1049963	42.708	ng	99
80) Butylbenzylphthalate	13.474	149	283336	55.342	ng	98
81) Benzo(a)anthracene	14.039	228	803403	46.328	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	171562	42.491	ng	100
83) Chrysene	14.080	228	692310	44.256	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	268144	49.276	ng	99
85) Di-n-octyl phthalate	14.651	149	474357	42.249	ng	99
87) Indeno(1,2,3-cd)pyrene	17.010	276	771788	47.474	ng	100
88) Benzo(b)fluoranthene	15.092	252	734711	52.825	ng	99
89) Benzo(k)fluoranthene	15.127	252	626089	49.791	ng	100
90) Benzo(a)pyrene	15.463	252	634709	53.764	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	630664	47.330	ng	99
92) Benzo(g,h,i)perylene	17.462	276	596305	43.265	ng	98

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

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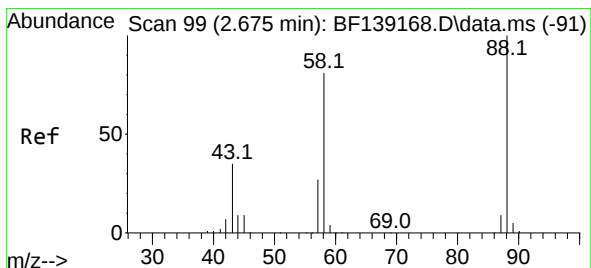
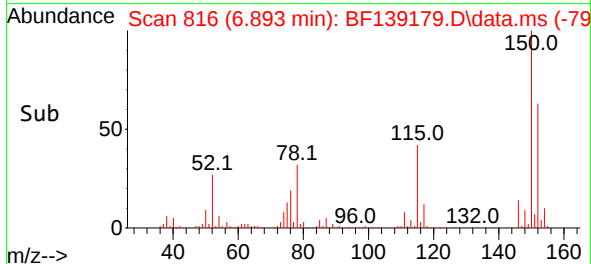
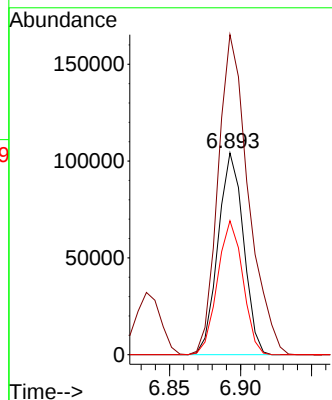
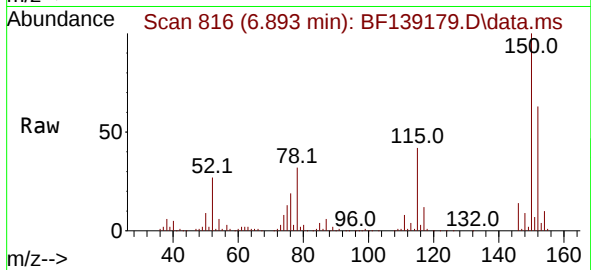




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BF139179.D
 Acq: 27 Aug 2024 11:02

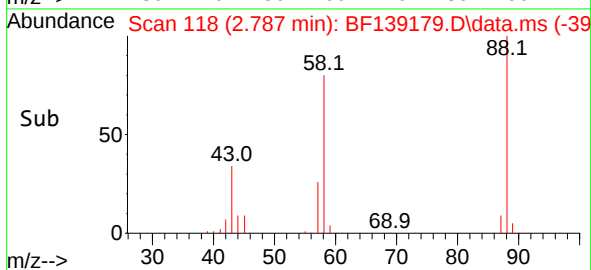
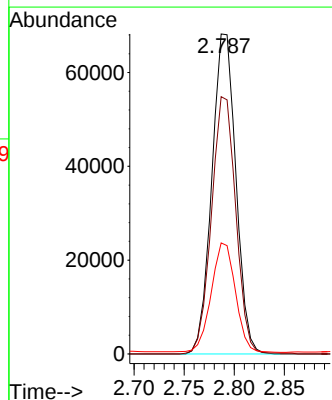
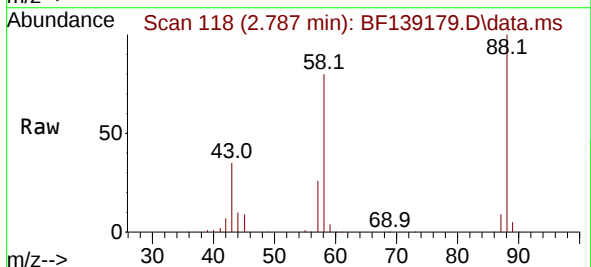
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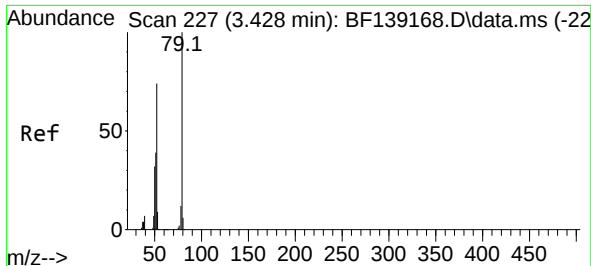
Tgt Ion:152 Resp: 129929
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.7 185.5
 115 66.4 51.8 77.8



#2
 1,4-Dioxane
 Concen: 31.186 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.112 min
 Lab File: BF139179.D
 Acq: 27 Aug 2024 11:02

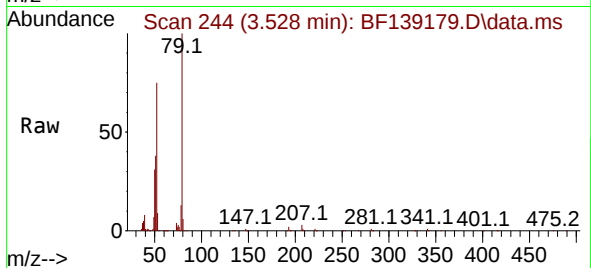
Tgt Ion: 88 Resp: 114038
 Ion Ratio Lower Upper
 88 100
 58 81.2 65.0 97.6
 43 34.5 28.4 42.6



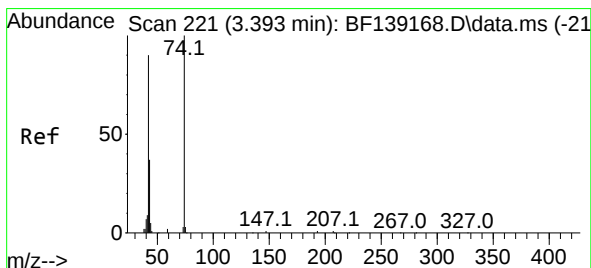
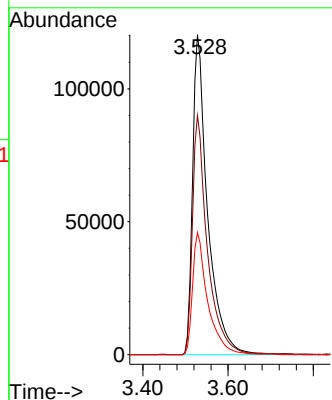
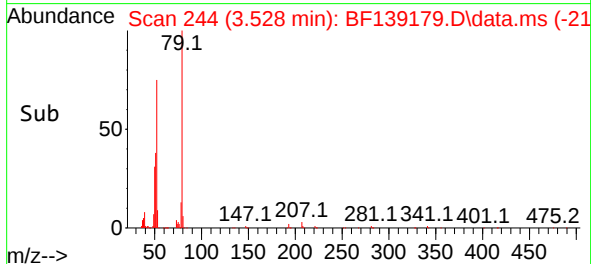


#3
Pyridine
Concen: 32.491 ng
RT: 3.528 min Scan# 244
Delta R.T. 0.100 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

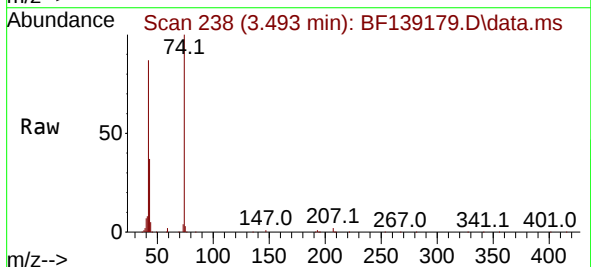
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ClientSampleId :
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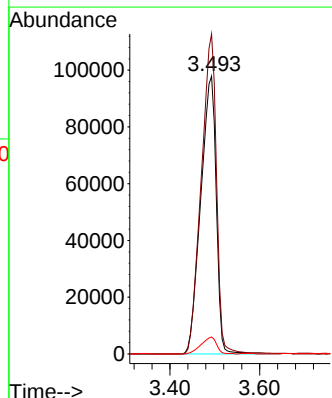
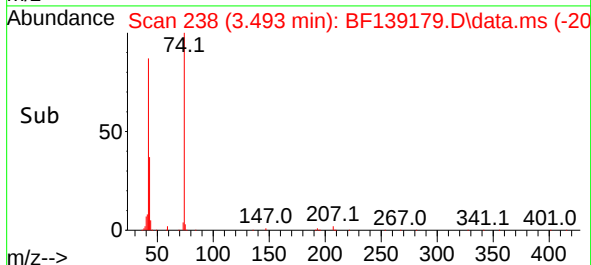
Tgt Ion: 79 Resp: 295271
Ion Ratio Lower Upper
79 100
52 74.8 59.5 89.3
51 38.2 31.4 47.0

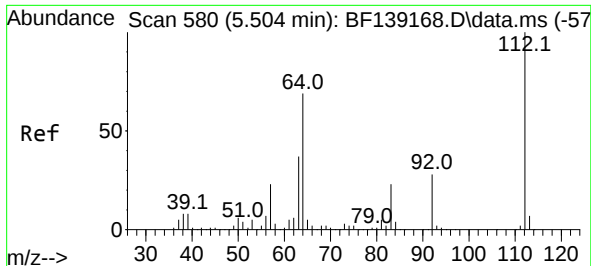


#4
n-Nitrosodimethylamine
Concen: 44.304 ng
RT: 3.493 min Scan# 238
Delta R.T. 0.100 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02



Tgt Ion: 42 Resp: 234398
Ion Ratio Lower Upper
42 100
74 115.2 88.6 132.8
44 6.1 5.0 7.4

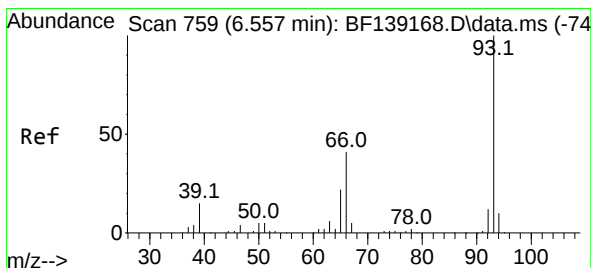
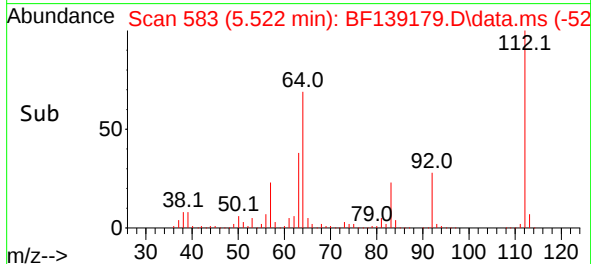
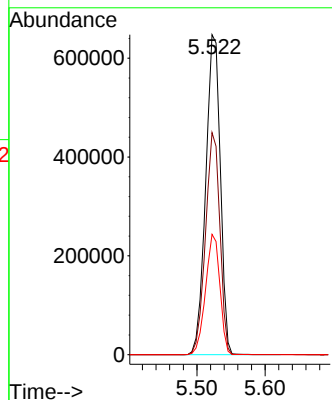
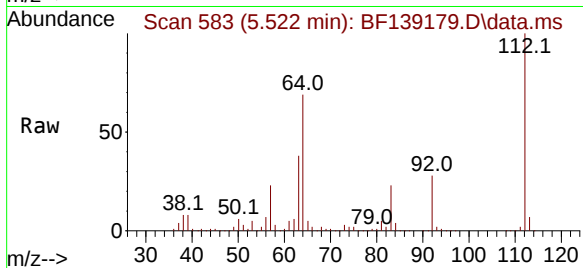




#5
2-Fluorophenol
Concen: 125.037 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

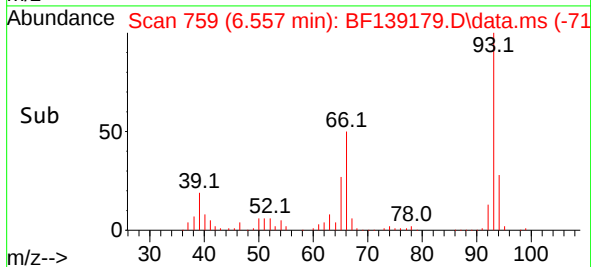
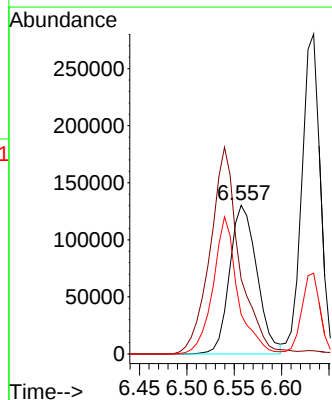
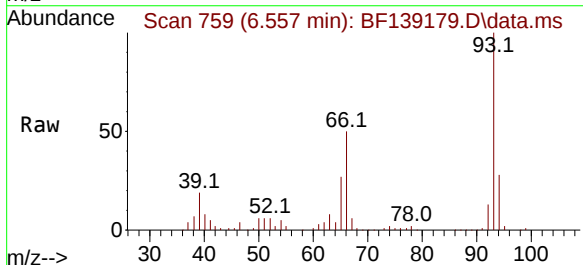
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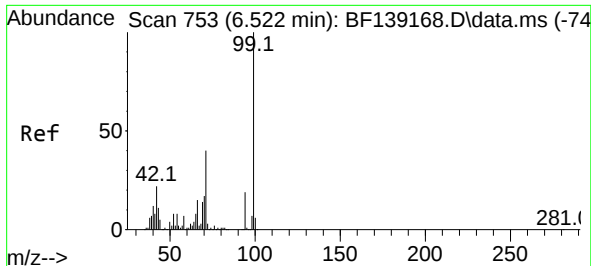
Tgt Ion:112 Resp: 966812
Ion Ratio Lower Upper
112 100
64 69.4 55.5 83.3
63 37.6 29.8 44.6



#6
Aniline
Concen: 26.291 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.030 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion: 93 Resp: 261524
Ion Ratio Lower Upper
93 100
66 50.3 35.0 52.4
65 26.5 17.2 25.8#

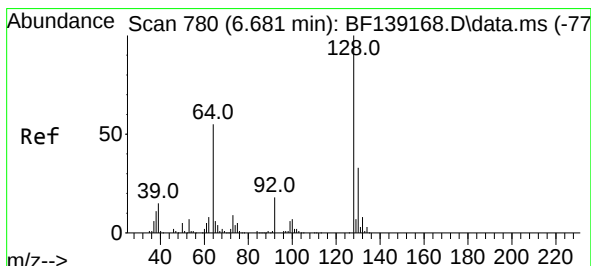
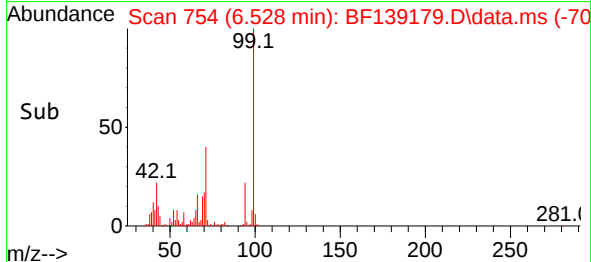
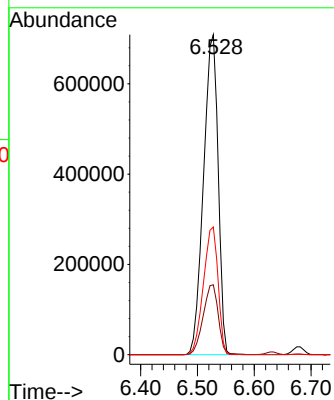
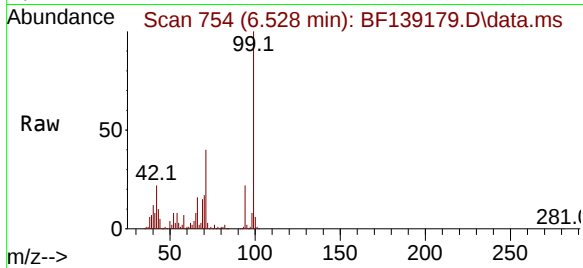




#7
Phenol-d6
Concen: 119.374 ng
RT: 6.528 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

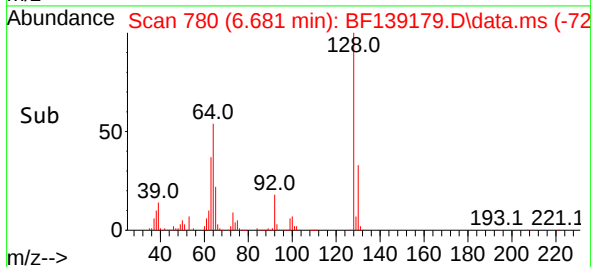
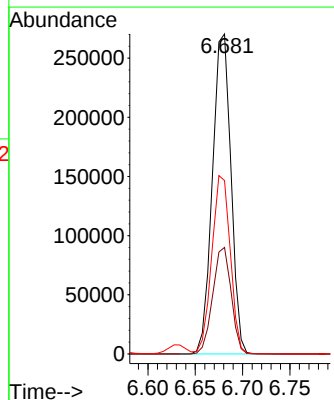
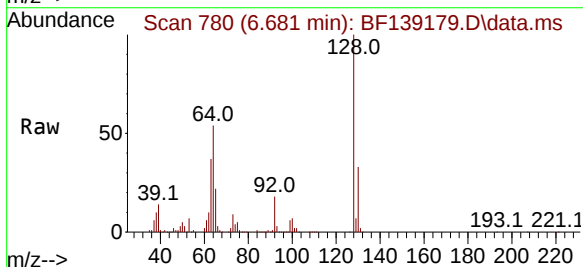
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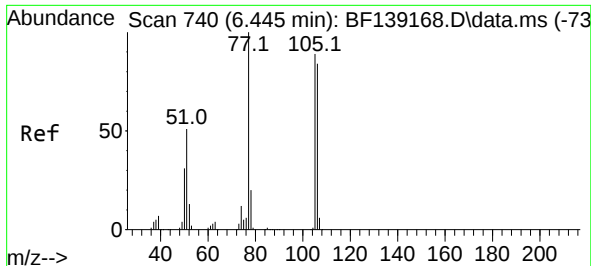
Tgt Ion: 99 Resp: 1266767
Ion Ratio Lower Upper
99 100
42 21.8 17.9 26.9
71 39.9 31.7 47.5



#8
2-Chlorophenol
Concen: 50.065 ng
RT: 6.681 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion: 128 Resp: 367785
Ion Ratio Lower Upper
128 100
130 33.3 12.5 52.5
64 54.2 37.3 77.3

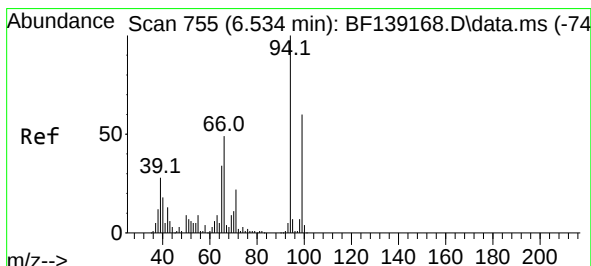
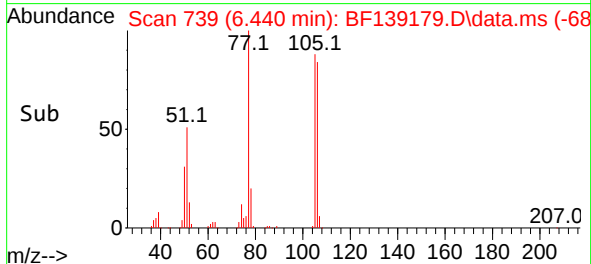
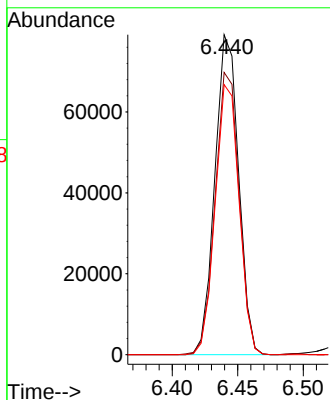
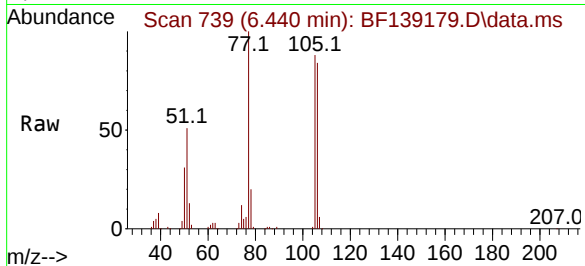




#9
Benzaldehyde
Concen: 14.966 ng
RT: 6.440 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

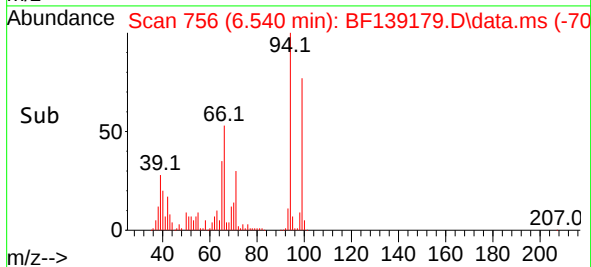
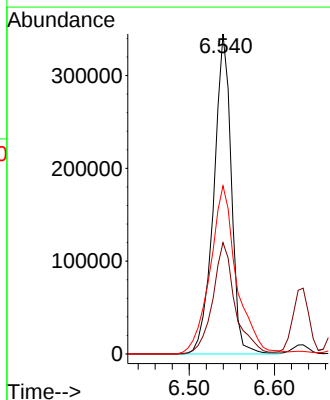
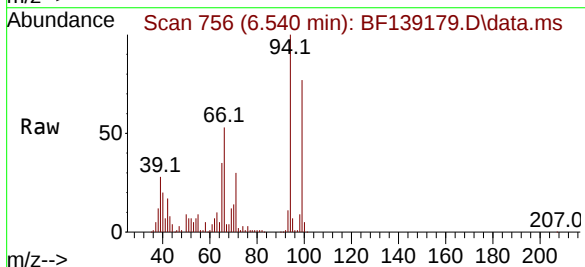
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ClientSampleId :
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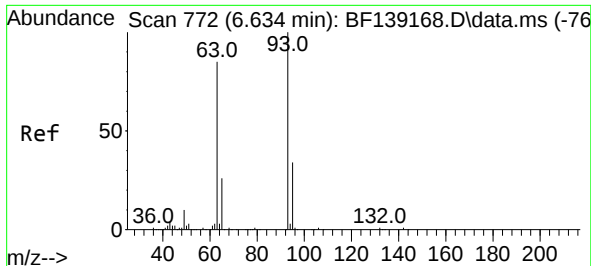
Tgt Ion: 77 Resp: 99406
Ion Ratio Lower Upper
77 100
105 88.2 68.7 108.7
106 84.4 64.2 104.2



#10
Phenol
Concen: 46.077 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion: 94 Resp: 493465
Ion Ratio Lower Upper
94 100
65 34.8 14.1 54.1
66 52.5 29.8 69.8

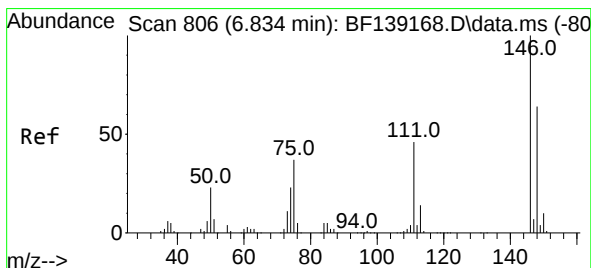
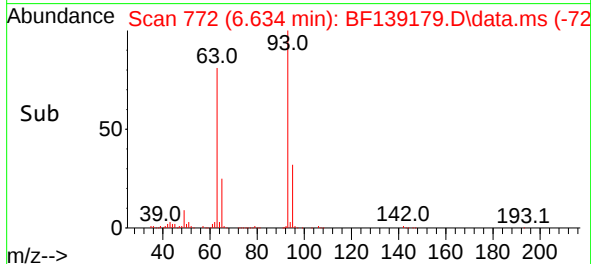
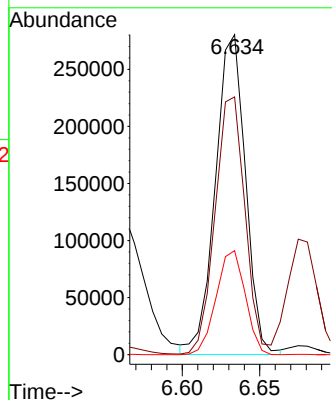
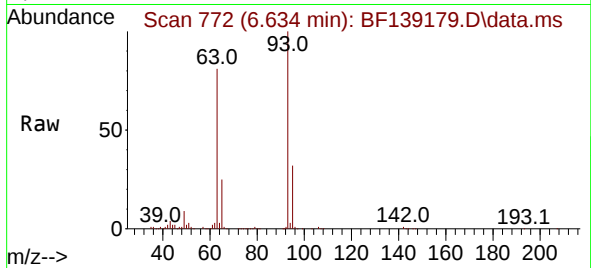




#11
bis(2-Chloroethyl)ether
Concen: 44.862 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

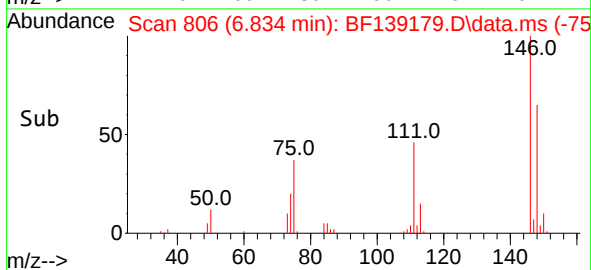
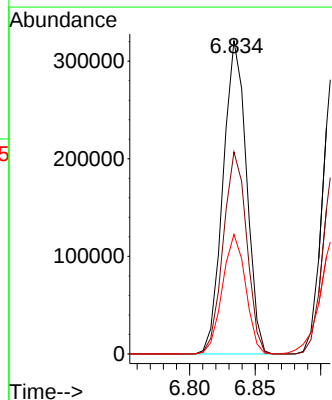
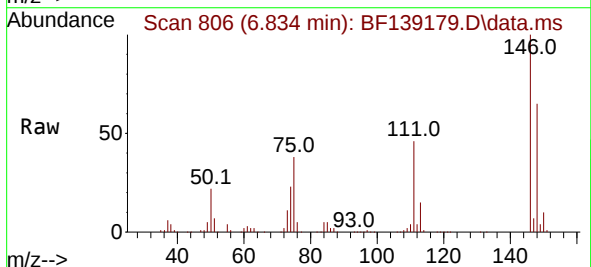
Instrument :
BNA_F
ClientSampleId :
PB162379BS

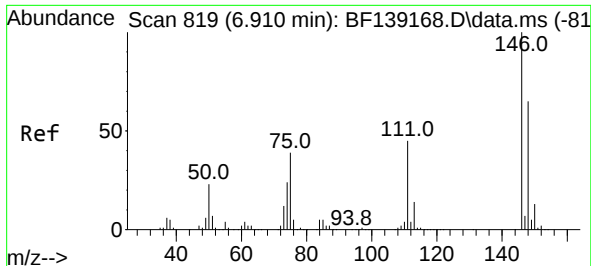
Tgt Ion: 93 Resp: 378551
Ion Ratio Lower Upper
93 100
63 80.6 62.4 102.4
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.151 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:146 Resp: 398653
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 38.2 29.9 44.9

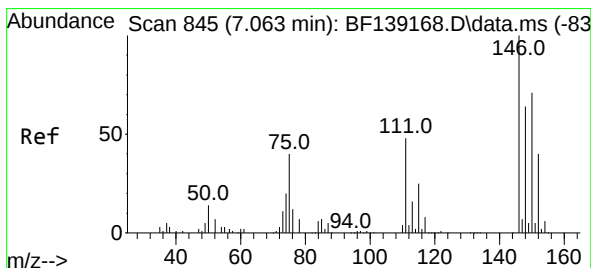
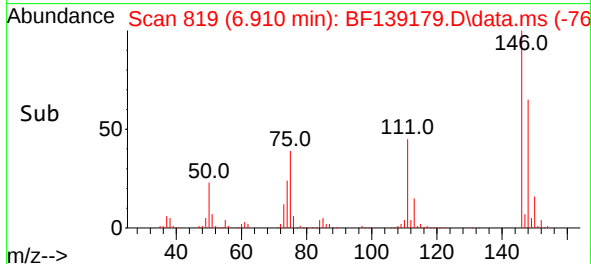
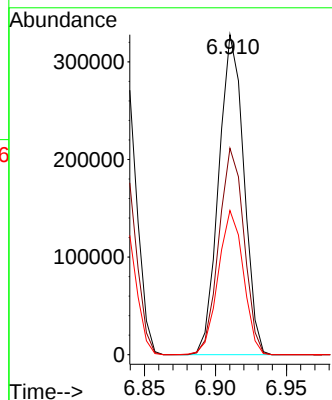
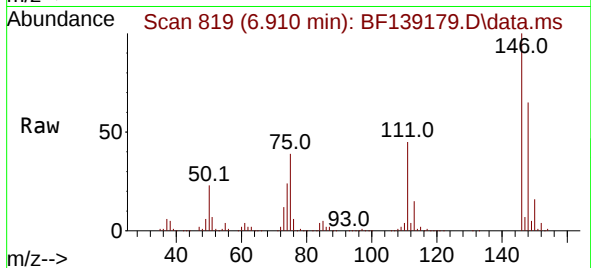




#13
1,4-Dichlorobenzene
Concen: 41.442 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

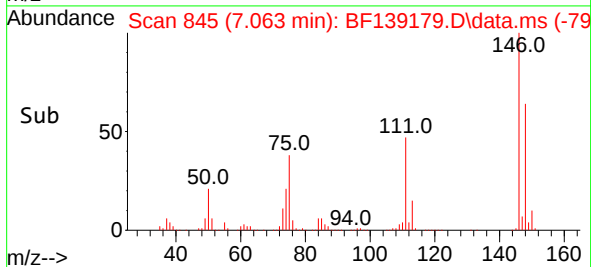
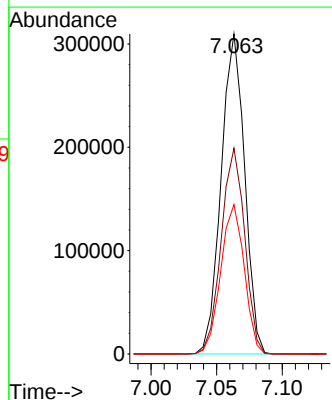
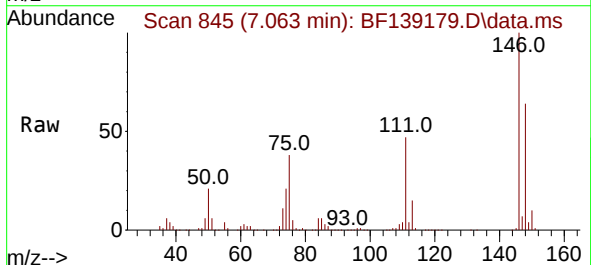
Instrument :
BNA_F
ClientSampleId :
PB162379BS

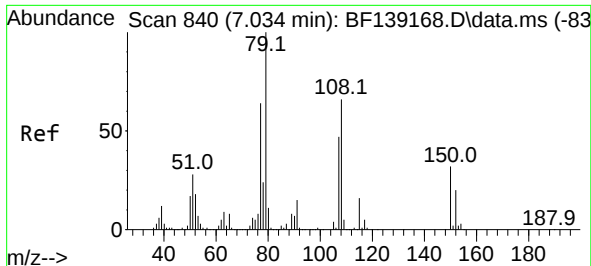
Tgt Ion:146 Resp: 402789
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 45.0 35.8 53.8



#14
1,2-Dichlorobenzene
Concen: 42.144 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:146 Resp: 385391
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 46.7 38.6 58.0

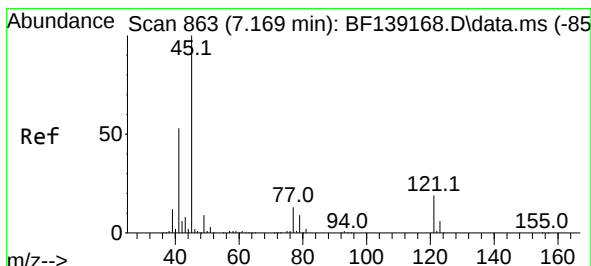
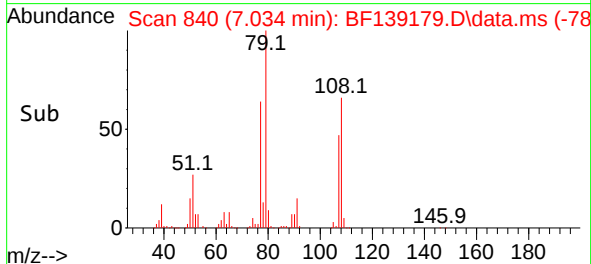
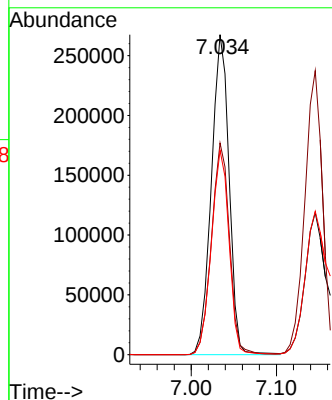
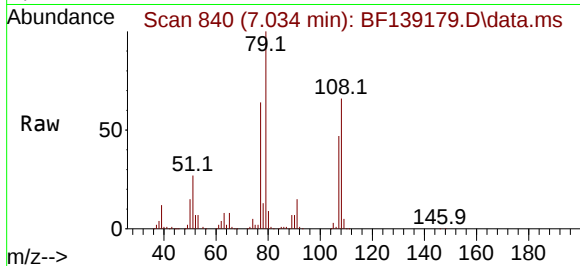




#15
Benzyl Alcohol
Concen: 48.296 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

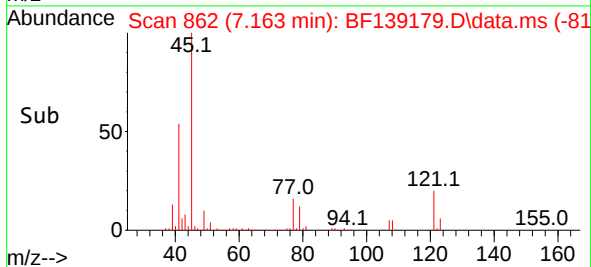
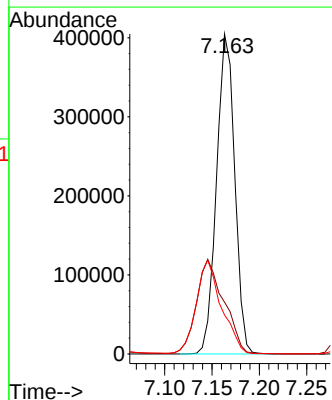
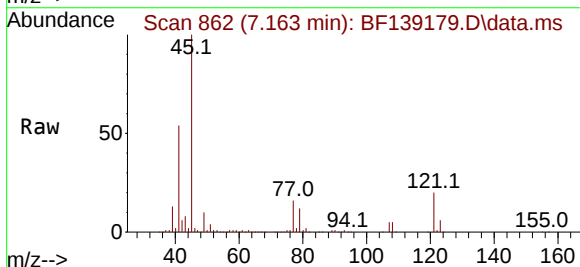
Instrument :
BNA_F
ClientSampleId :
PB162379BS

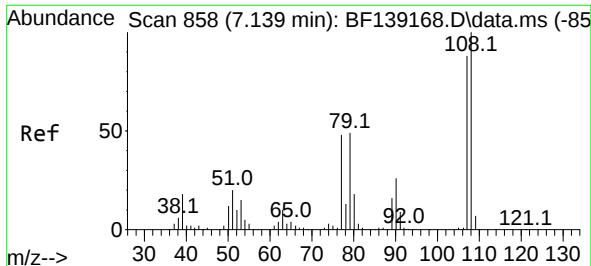
Tgt Ion: 79 Resp: 386299
Ion Ratio Lower Upper
79 100
108 66.1 52.7 79.1
77 63.9 51.2 76.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.220 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion: 45 Resp: 540924
Ion Ratio Lower Upper
45 100
77 16.2 0.0 33.9
79 12.2 0.0 30.5



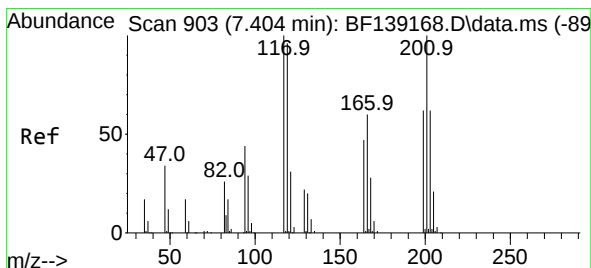
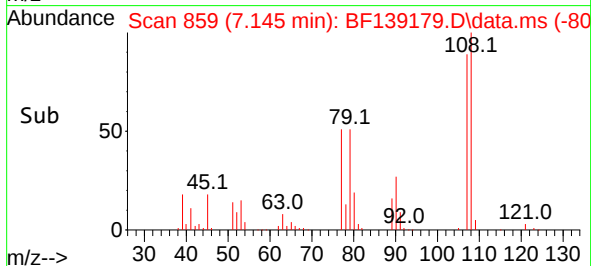
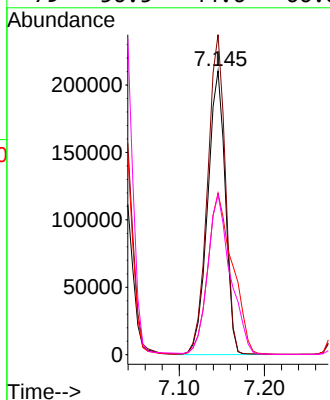
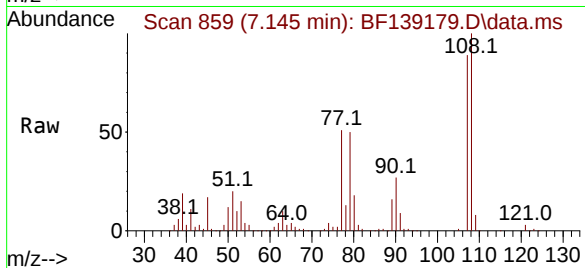


#17
2-Methylphenol
Concen: 45.297 ng
RT: 7.145 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Instrument :
BNA_F
ClientSampleId :
PB162379BS

Tgt Ion:107 Resp: 303355

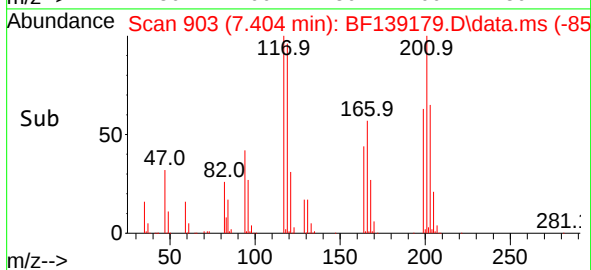
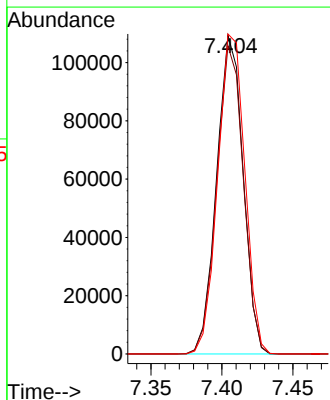
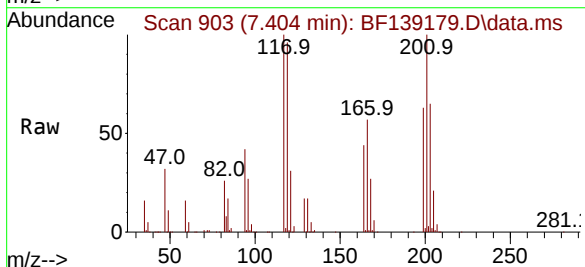
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.4	137.0
77	57.0	44.3	66.5
79	56.5	44.6	66.8

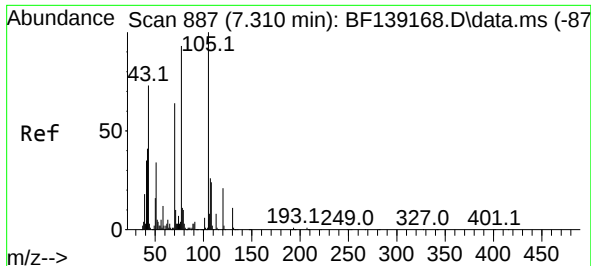


#18
Hexachloroethane
Concen: 46.065 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:117 Resp: 141649

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.1	115.7
201	100.4	79.7	119.5

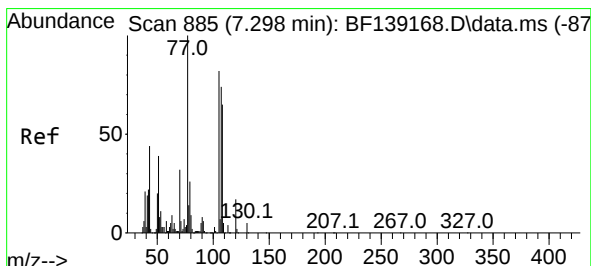
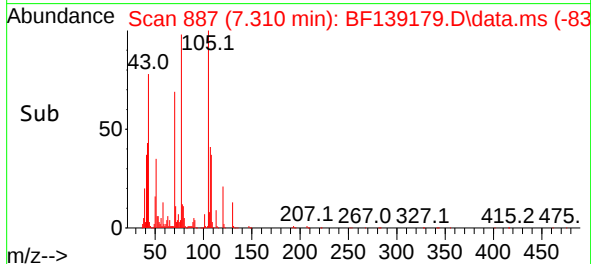
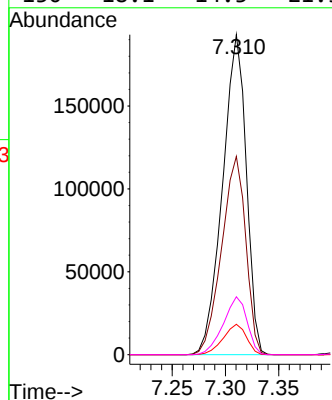
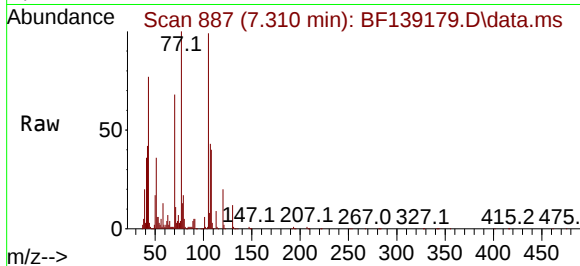




#19
n-Nitroso-di-n-propylamine
Concen: 47.029 ng
RT: 7.310 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

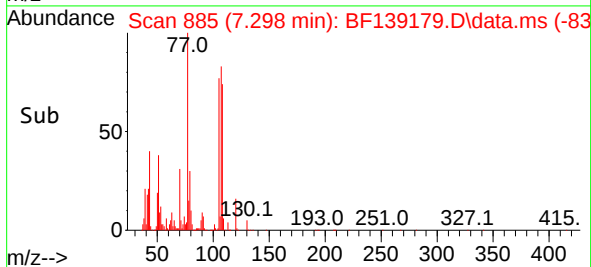
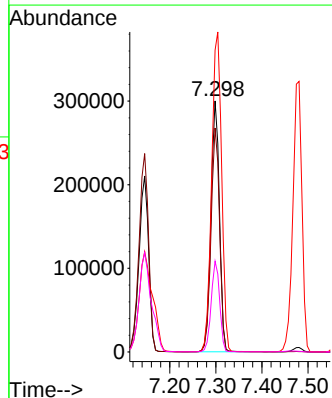
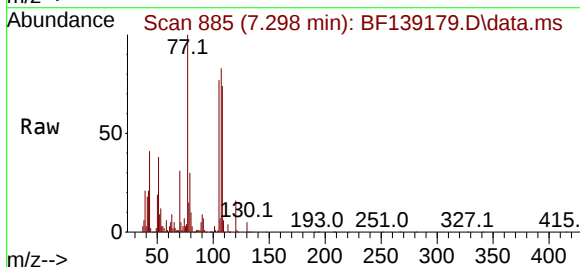
Instrument :
BNA_F
ClientSampleId :
PB162379BS

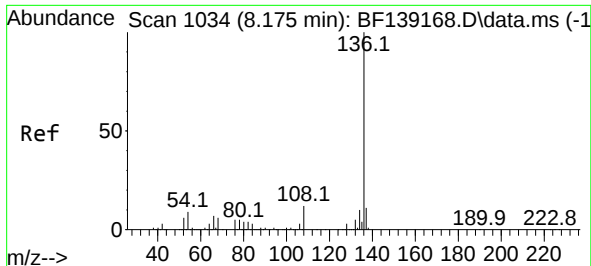
Tgt Ion: 70 Resp: 298491
Ion Ratio Lower Upper
70 100
42 61.9 50.8 76.2
101 9.5 7.4 11.0
130 18.1 14.3 21.5



#20
3+4-Methylphenols
Concen: 45.217 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

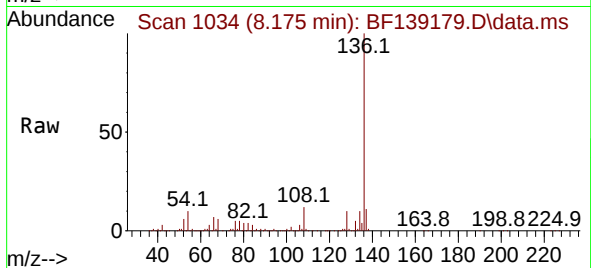
Tgt Ion: 107 Resp: 386263
Ion Ratio Lower Upper
107 100
108 89.3 68.5 108.5
77 120.2 115.7 155.7
79 36.2 15.9 55.9



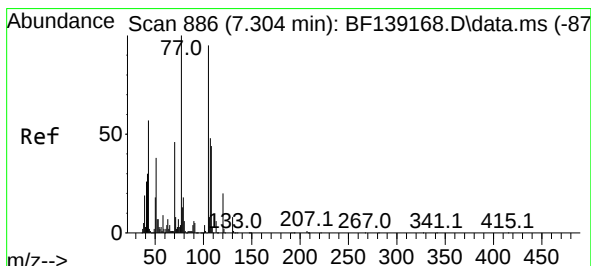
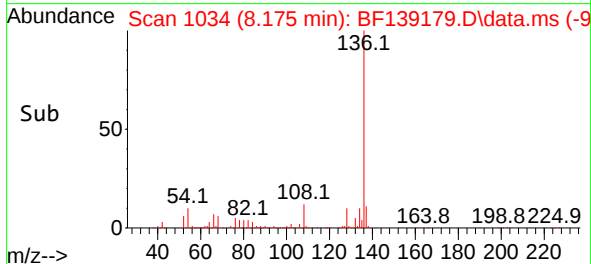
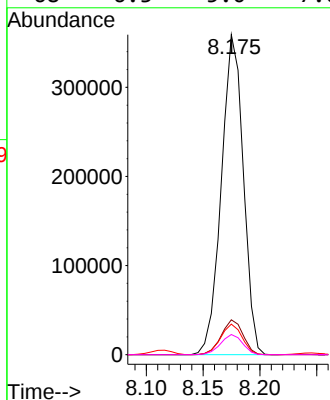


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Instrument :
BNA_F
ClientSampleId :
PB162379BS

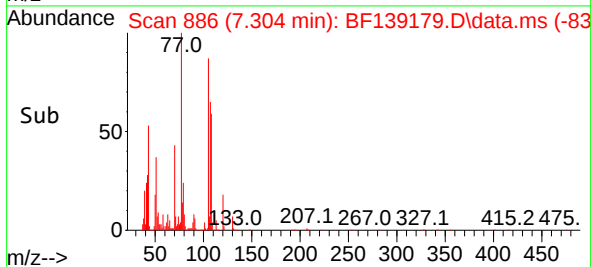
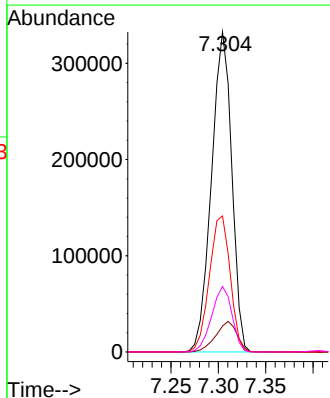
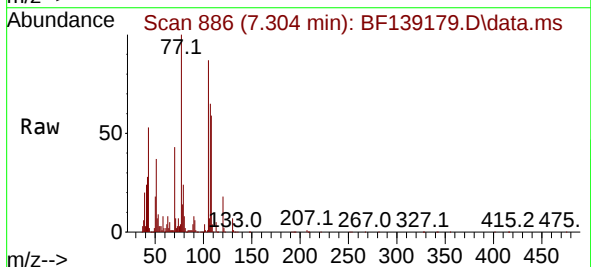


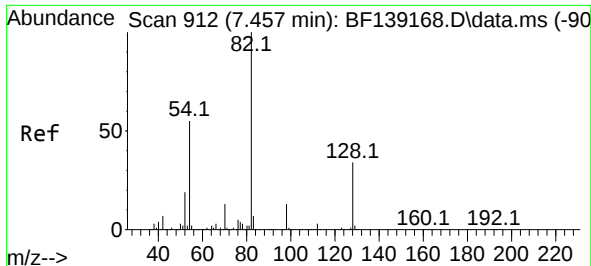
Tgt Ion:	136	Resp:	483026
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	9.5	7.6	11.4
68	6.3	5.0	7.6



#22
Acetophenone
Concen: 39.928 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:	105	Resp:	495548
Ion Ratio	Lower	Upper	
105	100		
71	8.1	6.5	9.7
51	42.5	31.8	47.6
120	20.5	16.9	25.3





#23

Nitrobenzene-d5

Concen: 95.134 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

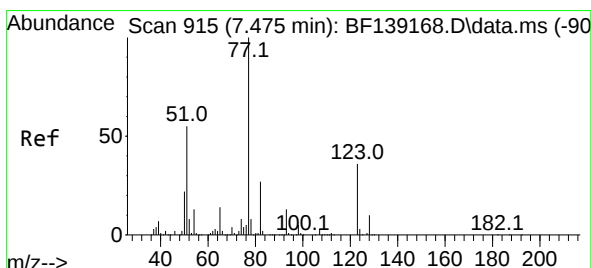
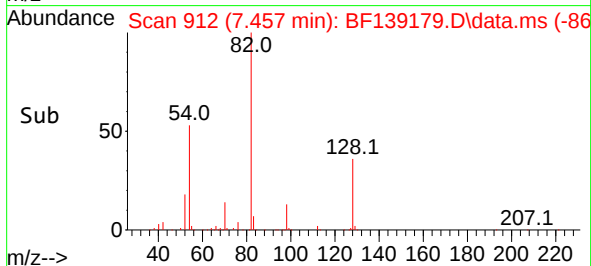
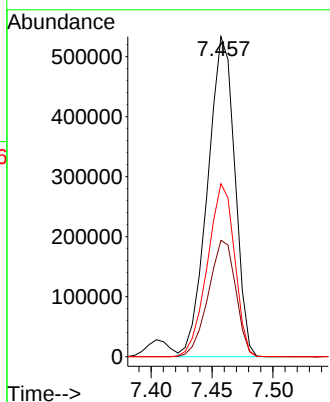
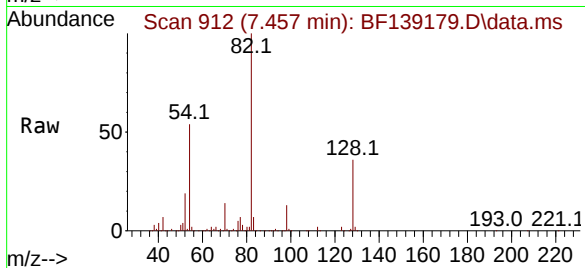
Tgt Ion: 82 Resp: 829462

Ion Ratio Lower Upper

82 100

128 36.3 27.1 40.7

54 54.0 44.2 66.4



#24

Nitrobenzene

Concen: 43.892 ng

RT: 7.481 min Scan# 916

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

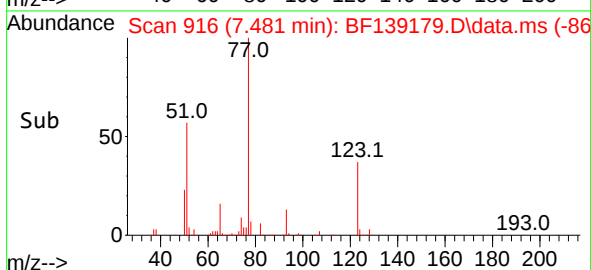
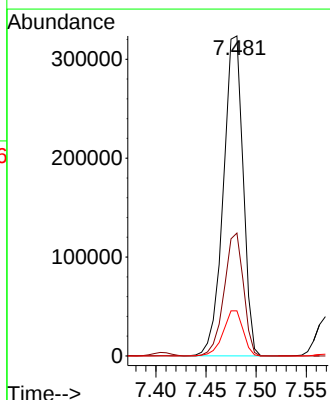
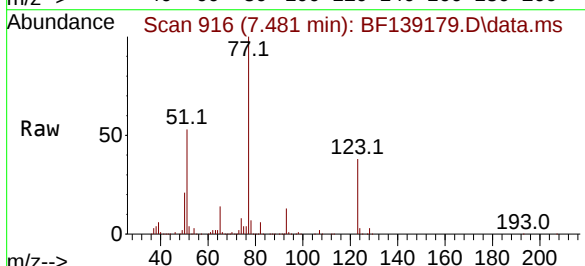
Tgt Ion: 77 Resp: 442844

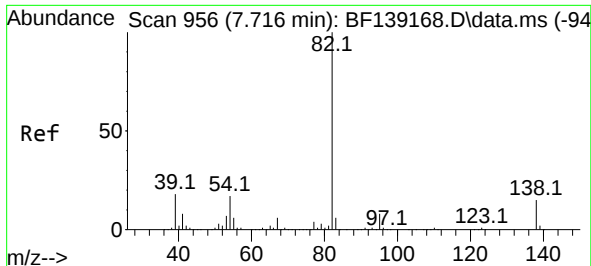
Ion Ratio Lower Upper

77 100

123 38.4 28.7 43.1

65 14.1 10.9 16.3

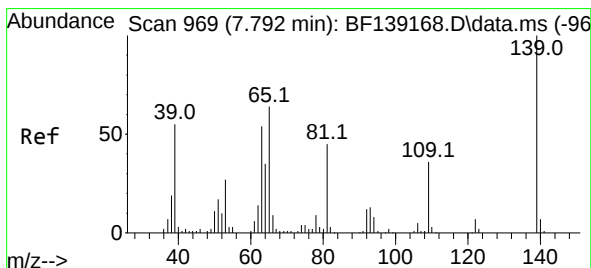
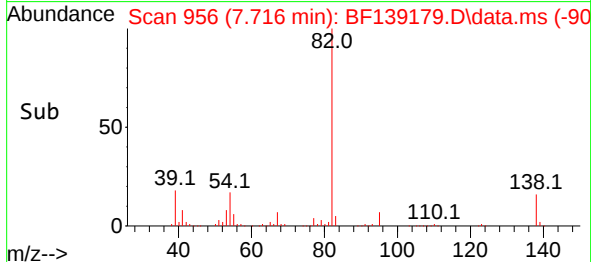
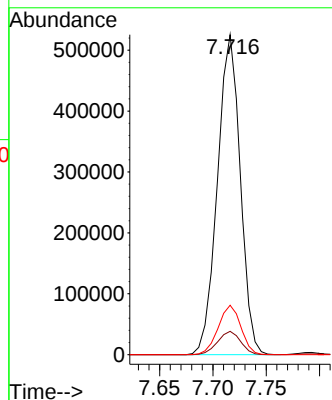
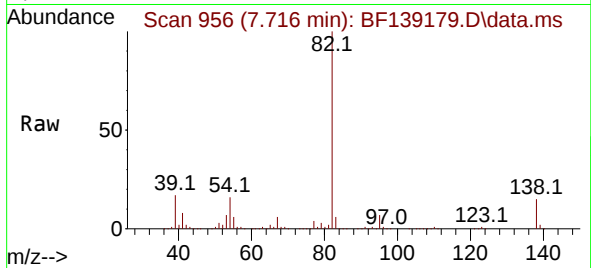




#25
Isophorone
Concen: 45.408 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

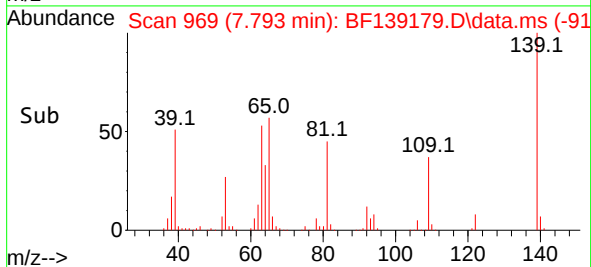
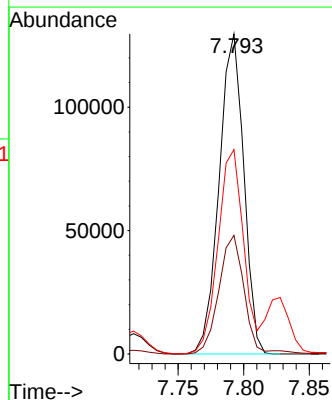
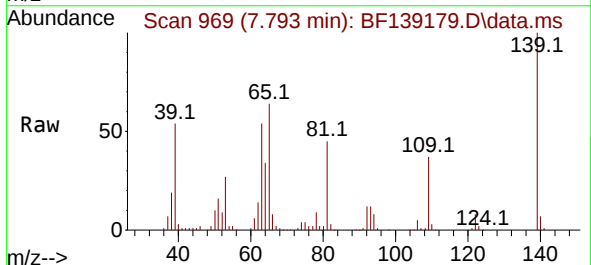
Instrument :
BNA_F
ClientSampleId :
PB162379BS

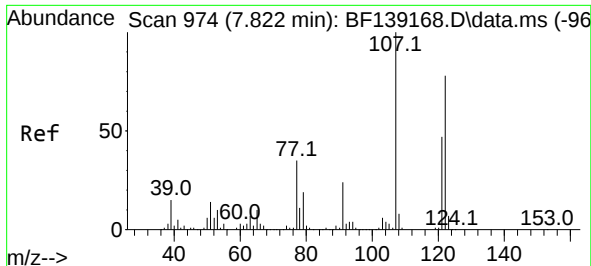
Tgt Ion: 82 Resp: 782916
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 15.4 12.2 18.4



#26
2-Nitrophenol
Concen: 53.449 ng
RT: 7.793 min Scan# 969
Delta R.T. 0.001 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:139 Resp: 169193
Ion Ratio Lower Upper
139 100
109 37.0 28.9 43.3
65 63.9 51.1 76.7

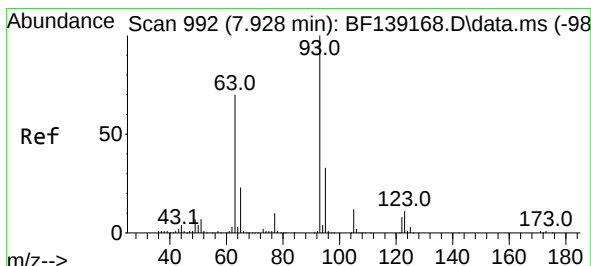
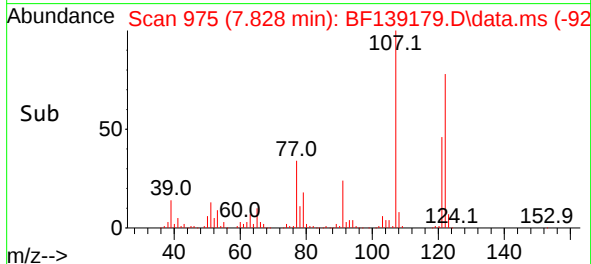
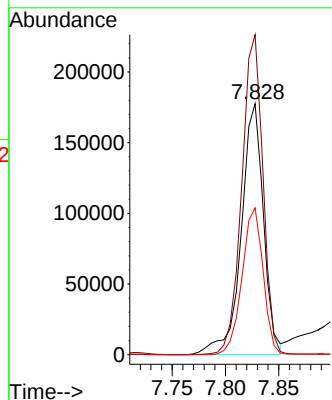
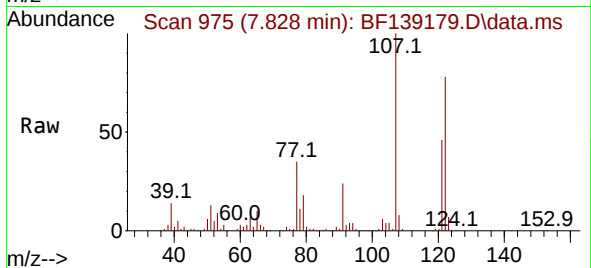




#27
2,4-Dimethylphenol
Concen: 50.650 ng
RT: 7.828 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

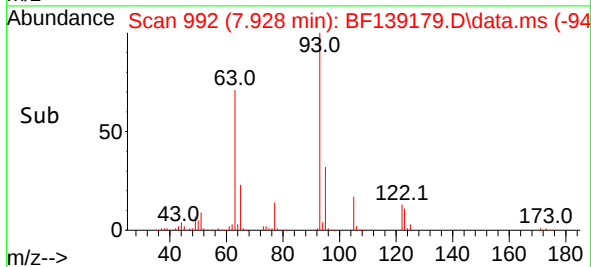
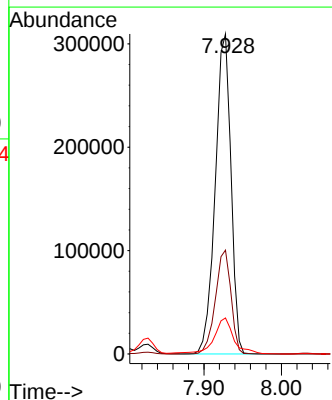
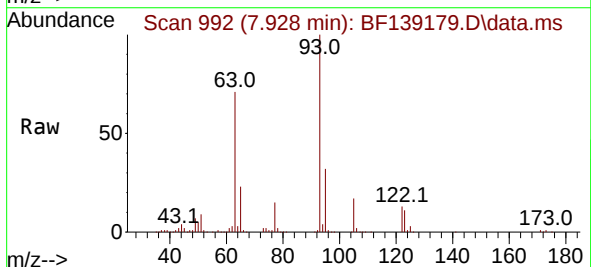
Instrument :
BNA_F
ClientSampleId :
PB162379BS

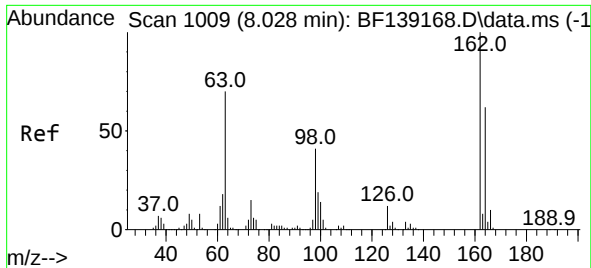
Tgt Ion:122 Resp: 258840
Ion Ratio Lower Upper
122 100
107 127.5 102.1 153.1
121 58.5 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.541 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion: 93 Resp: 434646
Ion Ratio Lower Upper
93 100
95 32.4 26.2 39.2
123 11.3 9.2 13.8

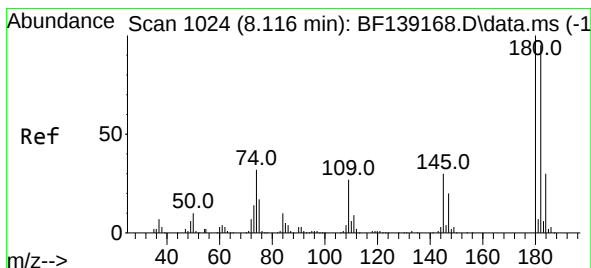
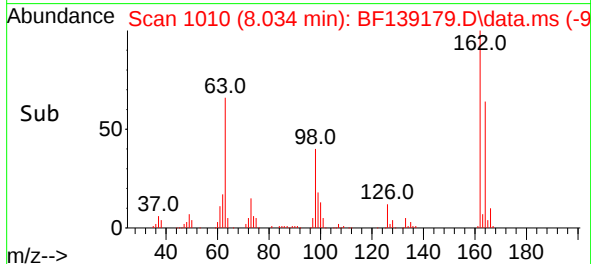
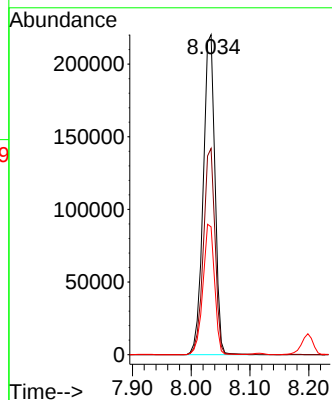
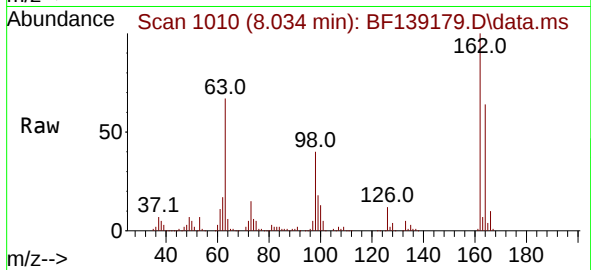




#29
2,4-Dichlorophenol
Concen: 48.664 ng
RT: 8.034 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

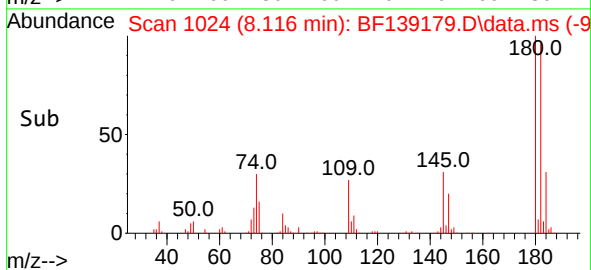
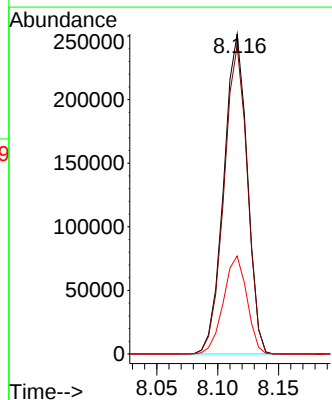
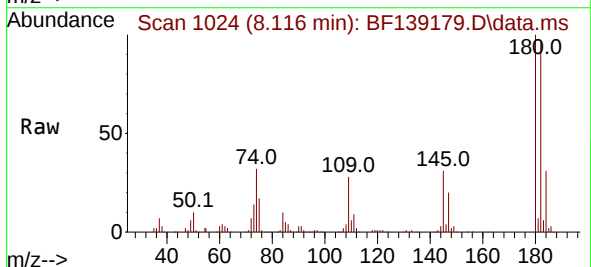
Instrument :
BNA_F
ClientSampleId :
PB162379BS

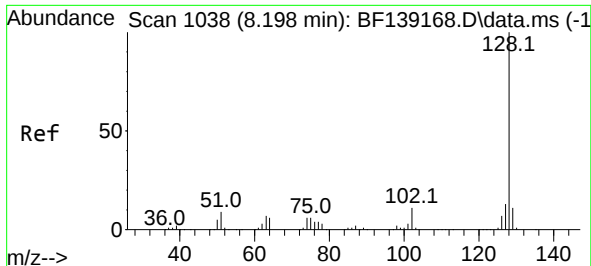
Tgt Ion:162 Resp: 306960
Ion Ratio Lower Upper
162 100
164 64.5 42.3 82.3
98 39.9 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 41.476 ng
RT: 8.116 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:180 Resp: 337380
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.2
145 30.6 23.6 35.4

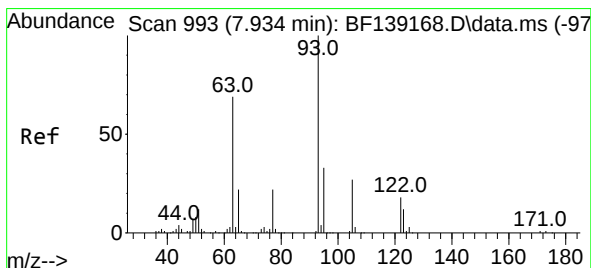
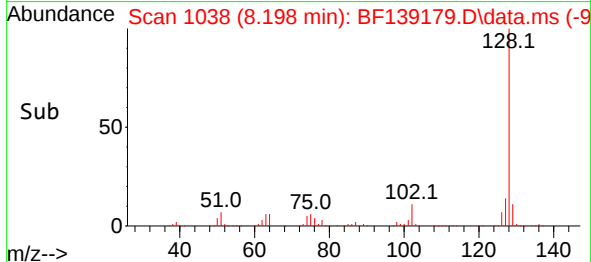
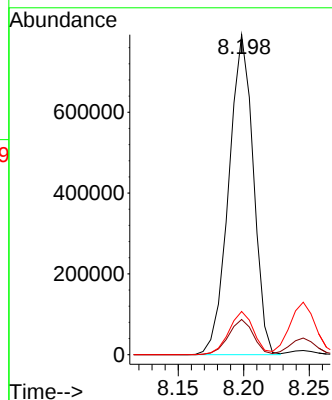
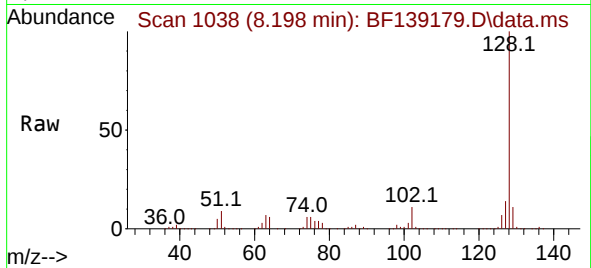




#31
Naphthalene
Concen: 41.877 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

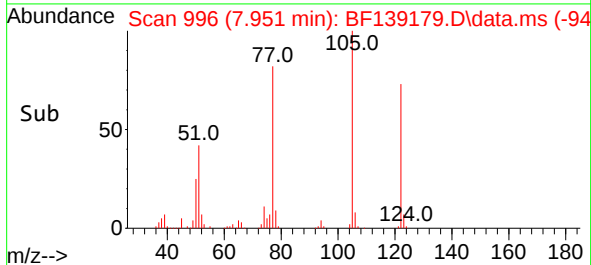
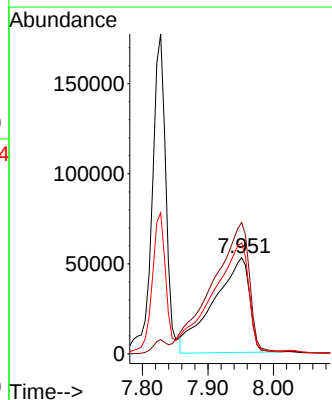
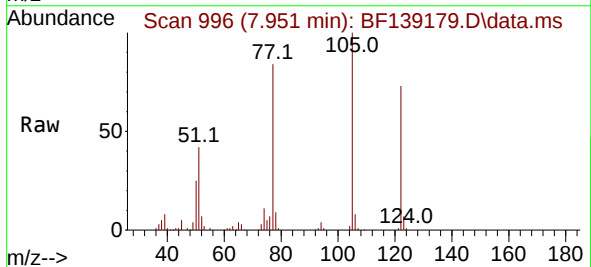
Instrument :
BNA_F
ClientSampleId :
PB162379BS

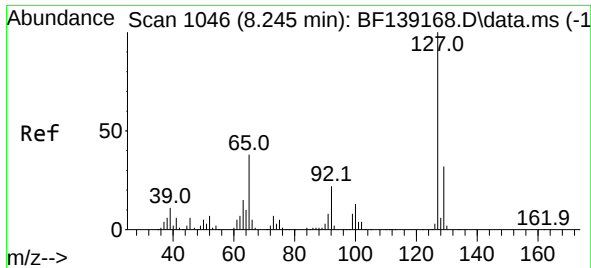
Tgt Ion:128 Resp: 1034297
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 46.219 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.017 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:122 Resp: 200082
Ion Ratio Lower Upper
122 100
105 136.6 118.9 158.9
77 115.4 96.4 136.4

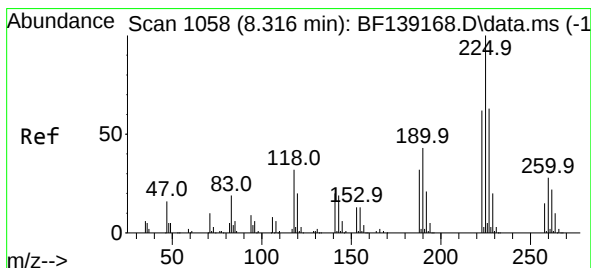
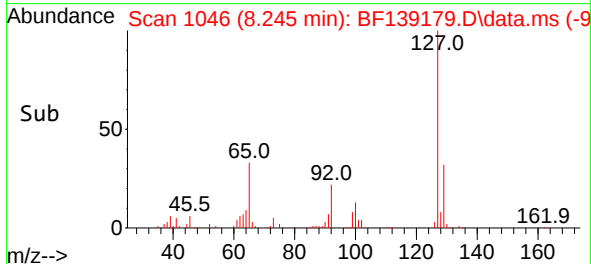
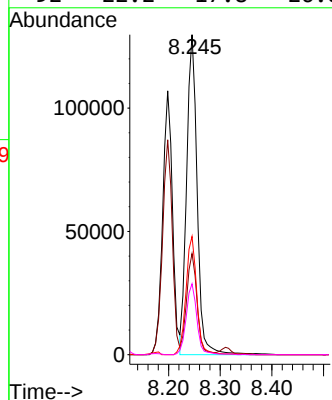
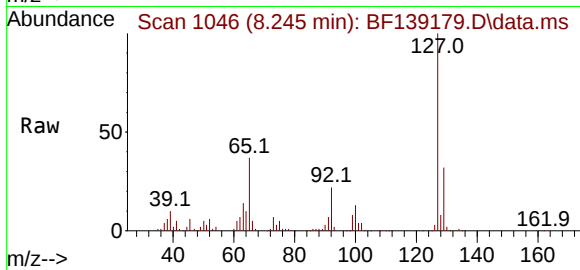




#33
4-Chloroaniline
Concen: 21.704 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

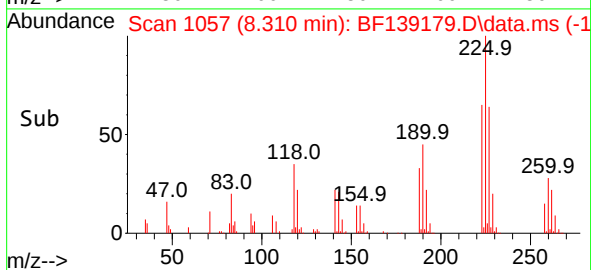
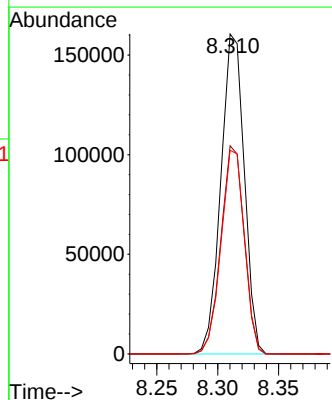
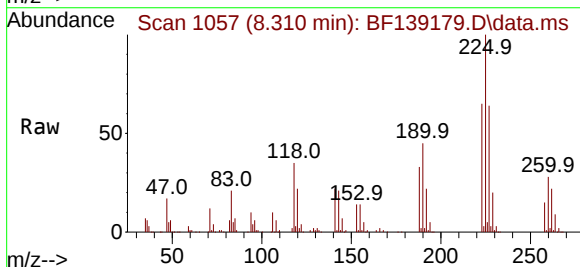
Instrument :
BNA_F
ClientSampleId :
PB162379BS

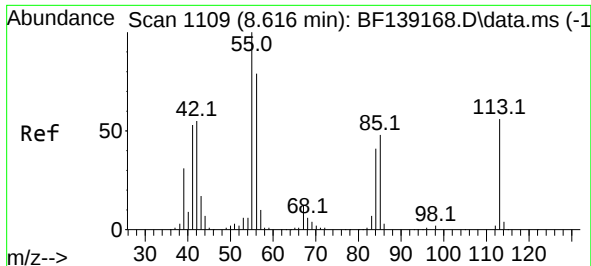
Tgt Ion:	127	Resp:	184732
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	37.0	30.8	46.2
92	22.2	17.8	26.8



#34
Hexachlorobutadiene
Concen: 40.711 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:	225	Resp:	215193
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.7	74.5
227	63.6	50.3	75.5

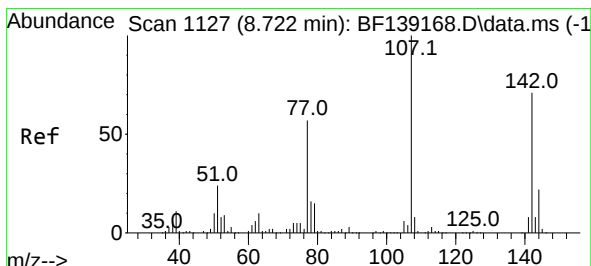
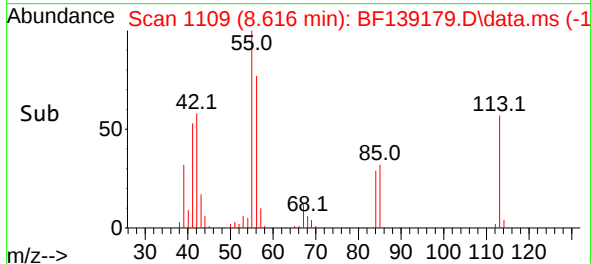
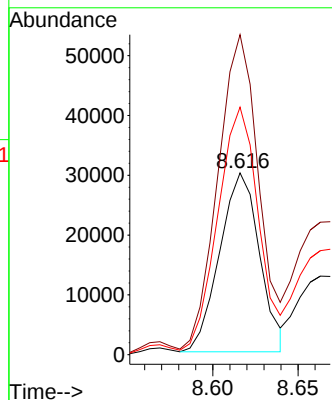
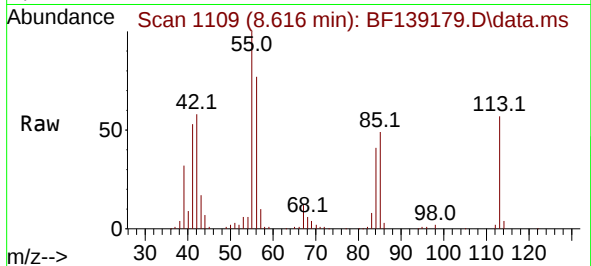




#35
 Caprolactam
 Concen: 25.203 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF139179.D
 Acq: 27 Aug 2024 11:02

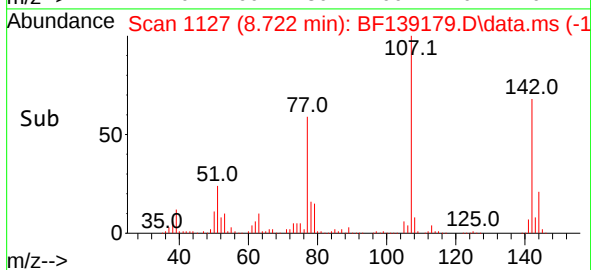
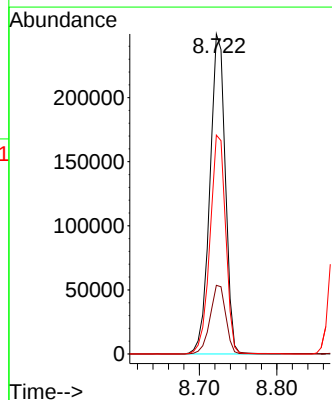
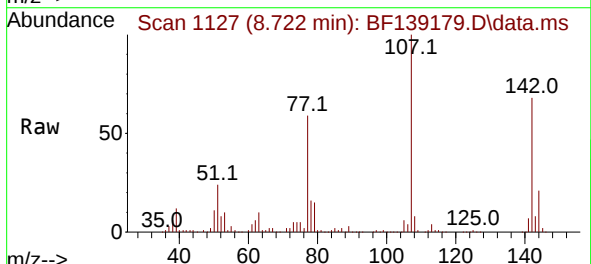
Instrument :
 BNA_F
 ClientSampleId :
 PB162379BS

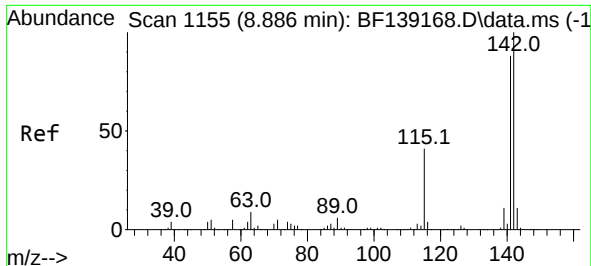
Tgt Ion:113 Resp: 48769
 Ion Ratio Lower Upper
 113 100
 55 176.0 158.0 198.0
 56 136.2 119.6 159.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.716 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: BF139179.D
 Acq: 27 Aug 2024 11:02

Tgt Ion:107 Resp: 345190
 Ion Ratio Lower Upper
 107 100
 144 21.5 17.8 26.8
 142 68.4 56.6 84.8





#37

2-Methylnaphthalene

Concen: 43.218 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

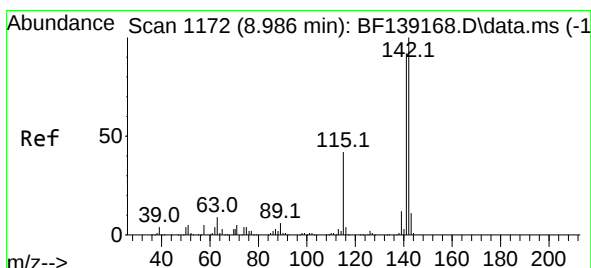
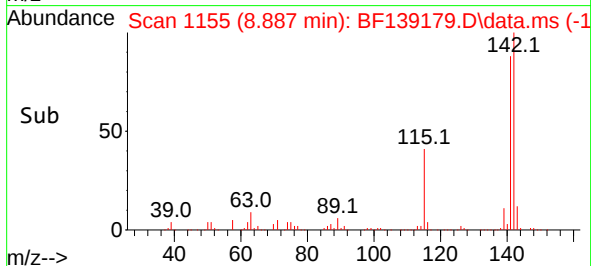
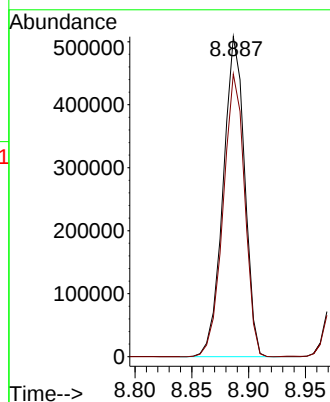
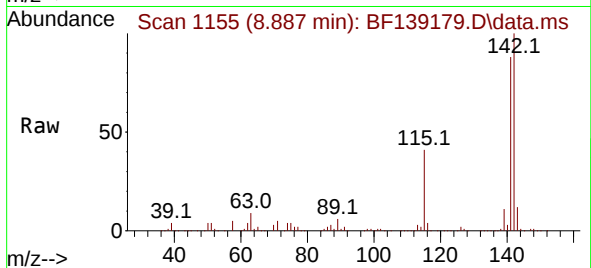
PB162379BS

Tgt Ion:142 Resp: 669166

Ion Ratio Lower Upper

142 100

141 88.3 70.2 105.2



#38

1-Methylnaphthalene

Concen: 40.503 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139179.D

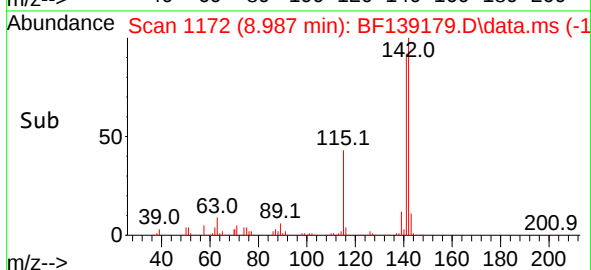
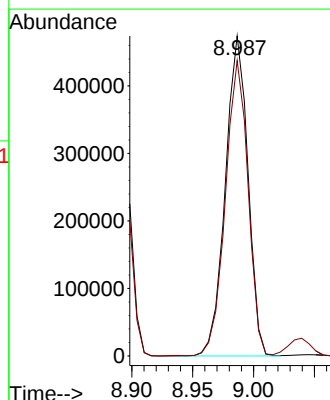
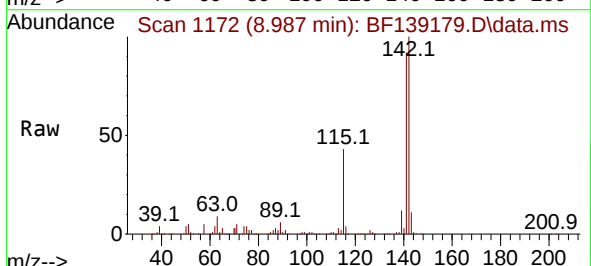
Acq: 27 Aug 2024 11:02

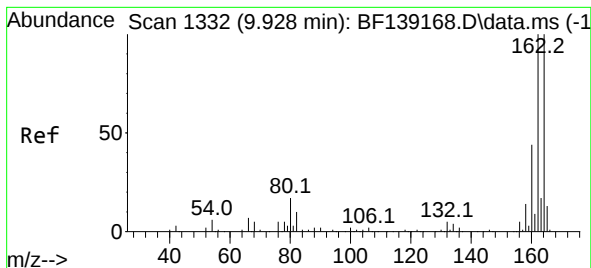
Tgt Ion:142 Resp: 612937

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

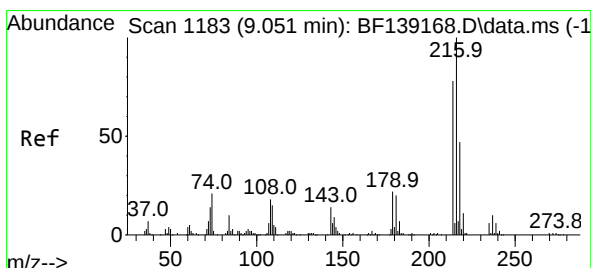
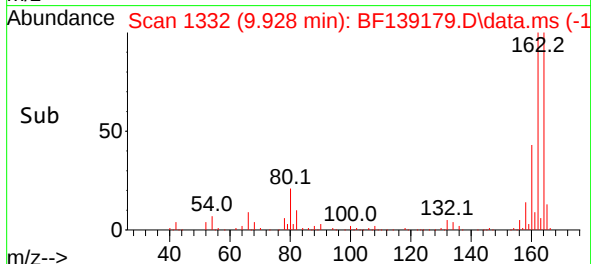
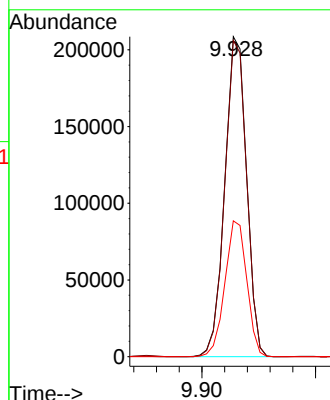
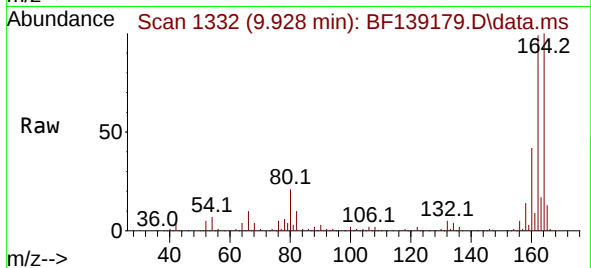
Tgt Ion:164 Resp: 278261

Ion Ratio Lower Upper

164 100

162 98.8 80.0 120.0

160 42.4 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.304 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Tgt Ion:216 Resp: 316149

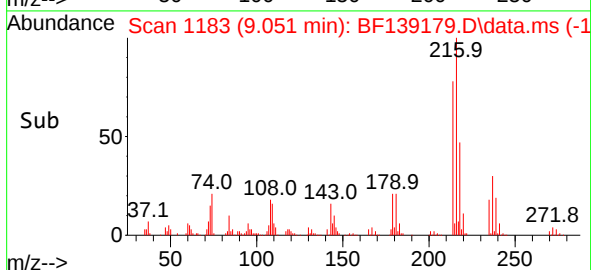
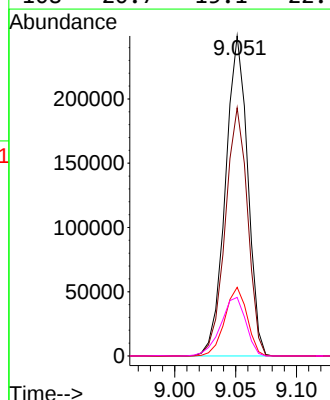
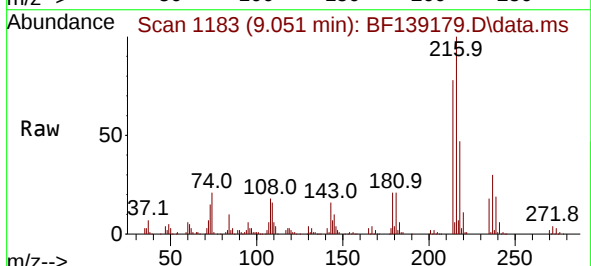
Ion Ratio Lower Upper

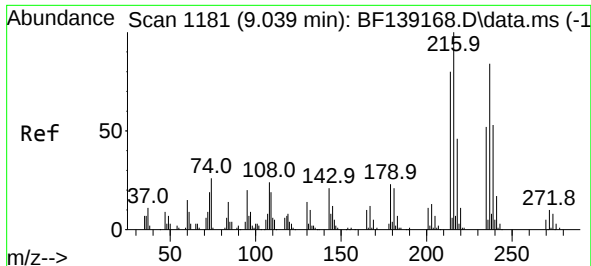
216 100

214 77.8 62.5 93.7

179 21.5 17.5 26.3

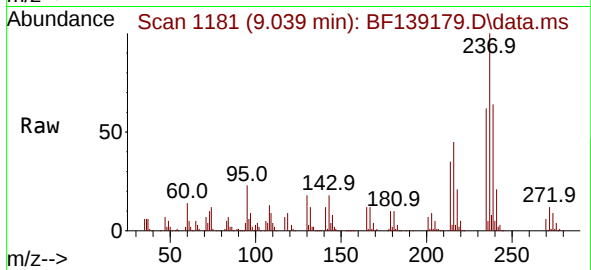
108 20.7 15.1 22.7



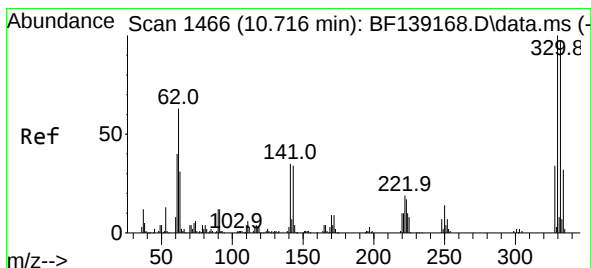
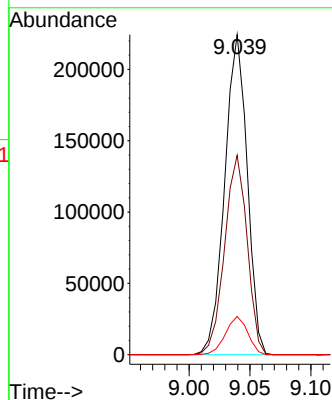
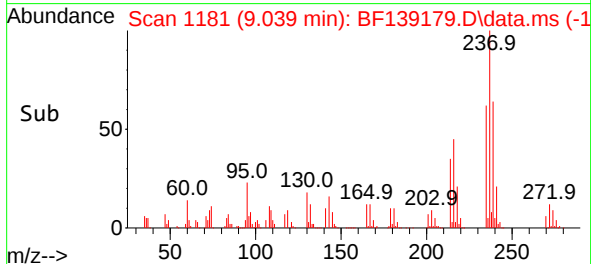


#41
Hexachlorocyclopentadiene
Concen: 108.921 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

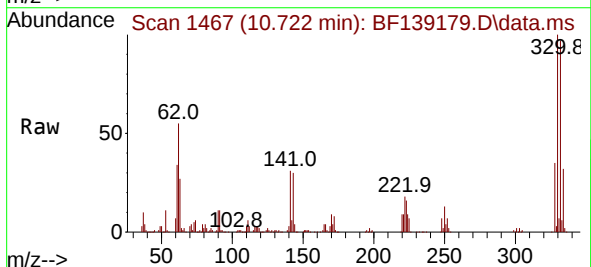
Instrument :
BNA_F
ClientSampleId :
PB162379BS



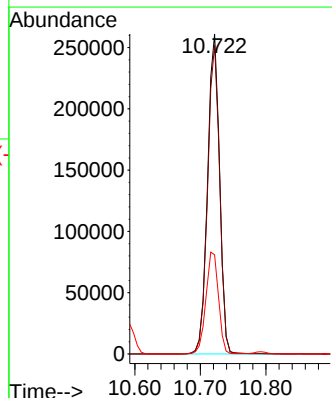
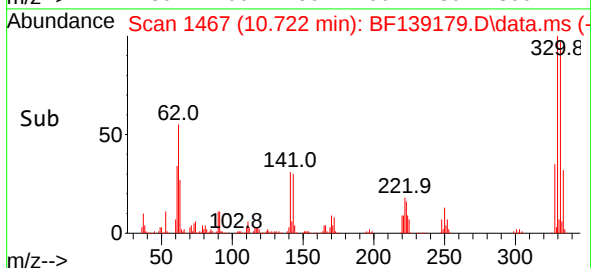
Tgt Ion:237 Resp: 288668
Ion Ratio Lower Upper
237 100
235 62.3 42.1 82.1
272 11.9 0.0 32.2

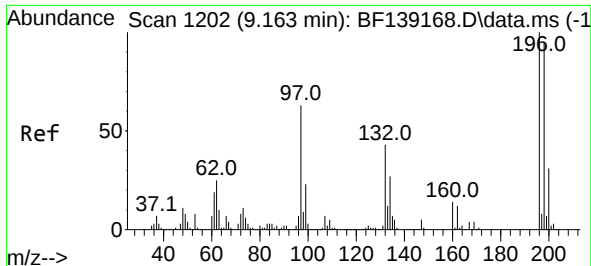


#42
2,4,6-Tribromophenol
Concen: 140.220 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02



Tgt Ion:330 Resp: 334168
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 33.3 28.8 43.2

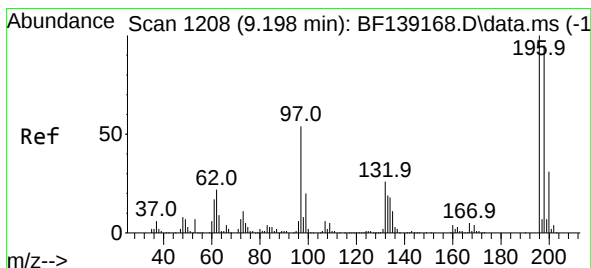
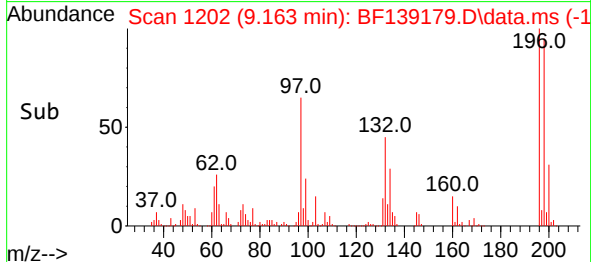
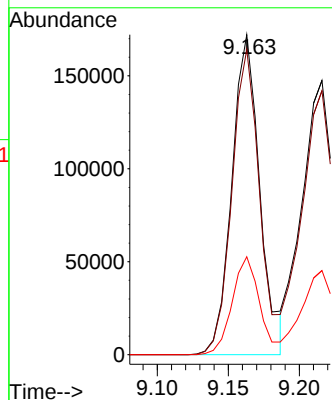
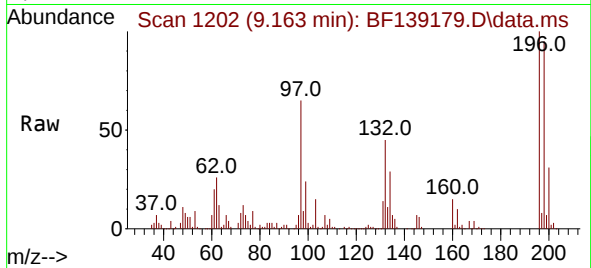




#43
2,4,6-Trichlorophenol
Concen: 51.063 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

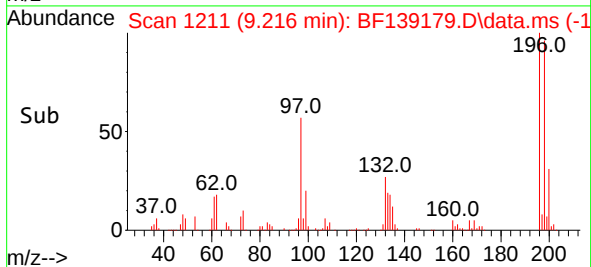
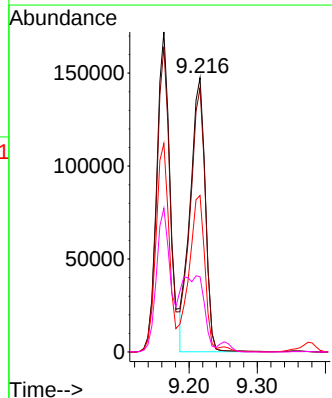
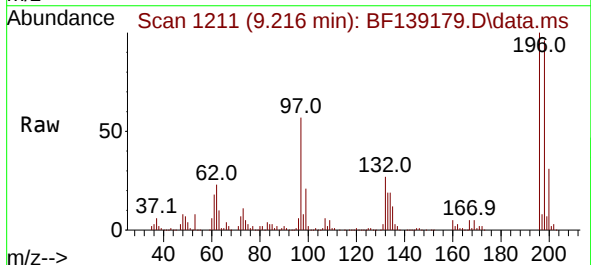
Instrument :
BNA_F
ClientSampleId :
PB162379BS

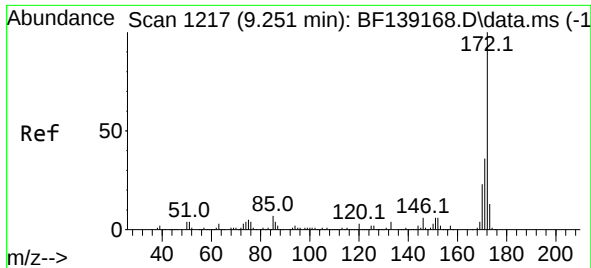
Tgt Ion:196 Resp: 235652
Ion Ratio Lower Upper
196 100
198 95.4 75.8 113.8
200 30.6 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 46.842 ng
RT: 9.216 min Scan# 1211
Delta R.T. 0.018 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:196 Resp: 226595
Ion Ratio Lower Upper
196 100
198 96.2 75.7 113.5
97 57.1 44.9 67.3
132 27.4 22.0 33.0

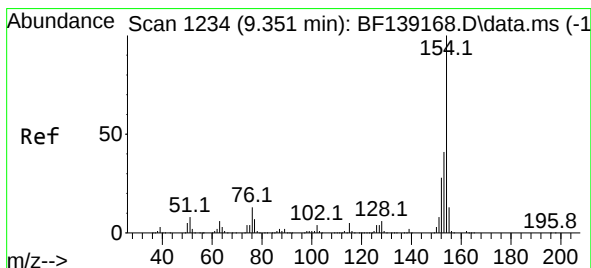
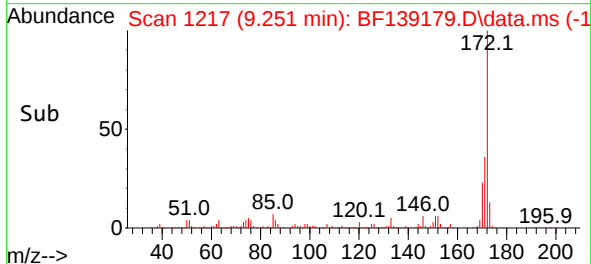
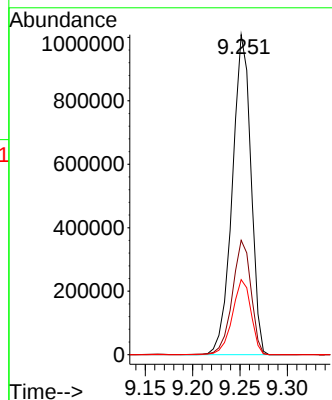
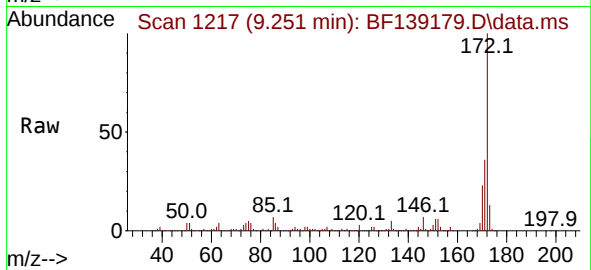




#45
2-Fluorobiphenyl
Concen: 76.936 ng
RT: 9.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

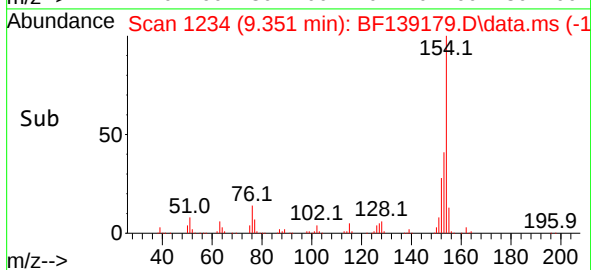
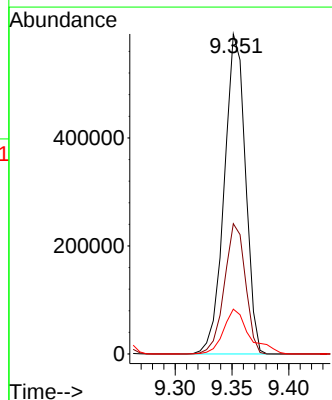
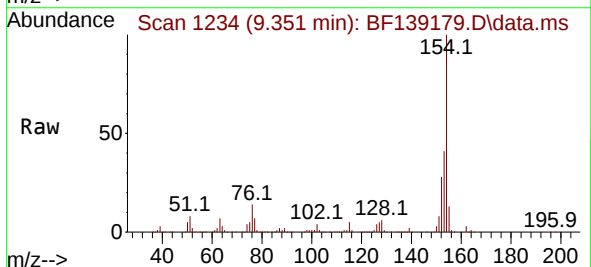
Instrument :
BNA_F
ClientSampleId :
PB162379BS

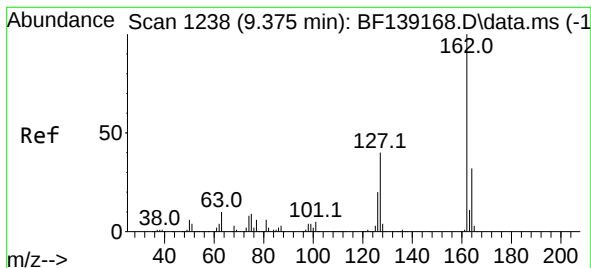
Tgt Ion:172 Resp: 1378196
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 38.188 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:154 Resp: 769156
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 14.0 0.0 33.4





#47

2-Chloronaphthalene

Concen: 40.473 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

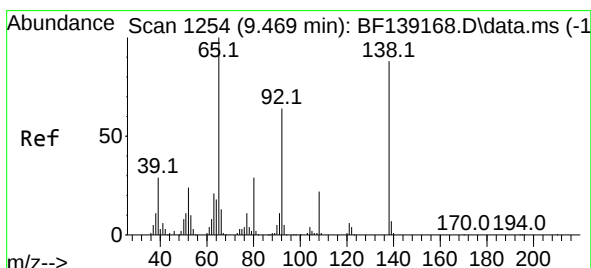
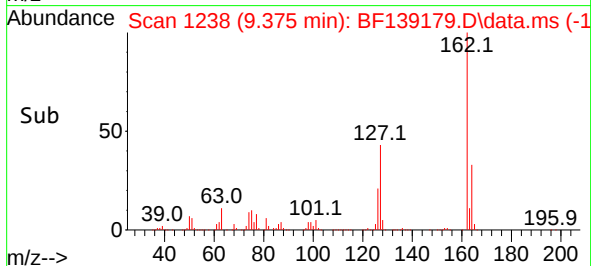
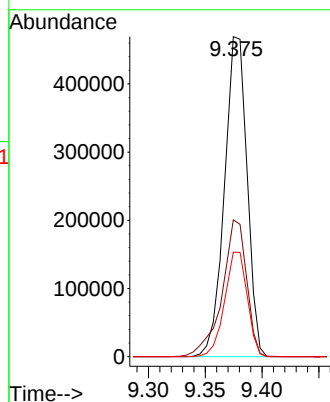
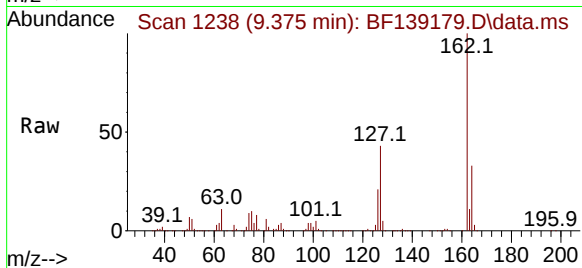
Tgt Ion:162 Resp: 650336

Ion Ratio Lower Upper

162 100

127 42.7 32.4 48.6

164 32.6 25.9 38.9



#48

2-Nitroaniline

Concen: 48.465 ng

RT: 9.469 min Scan# 1254

Delta R.T. -0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

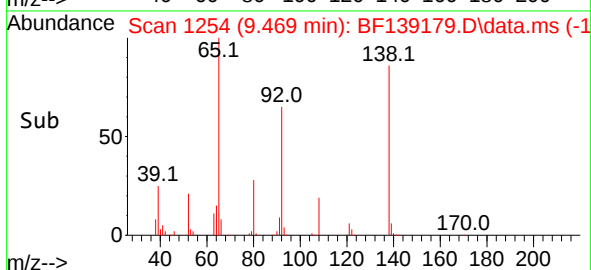
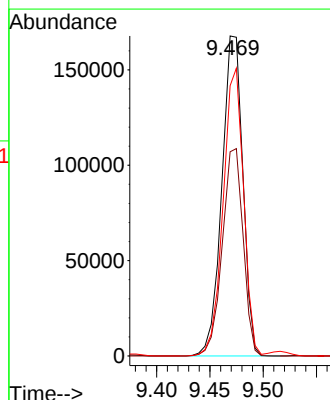
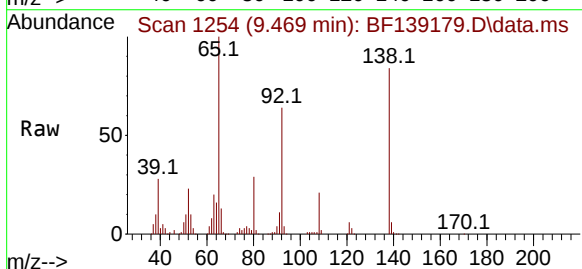
Tgt Ion: 65 Resp: 229547

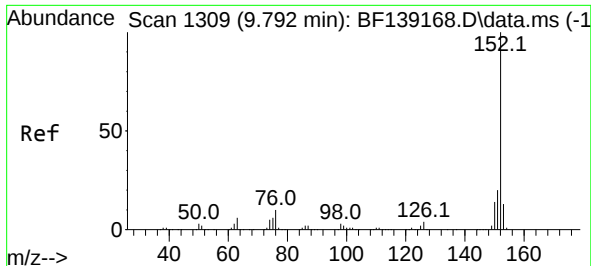
Ion Ratio Lower Upper

65 100

92 63.8 51.2 76.8

138 84.4 70.0 105.0





#49

Acenaphthylene

Concen: 45.254 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

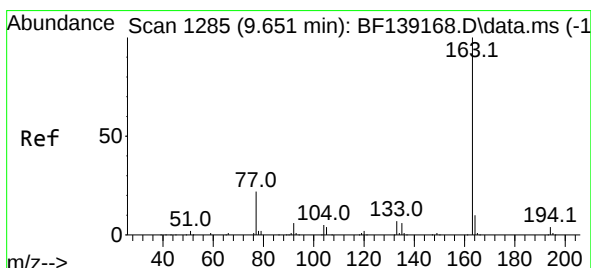
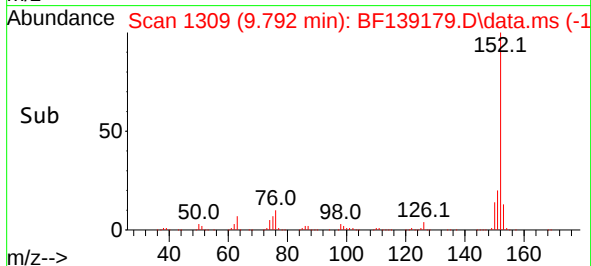
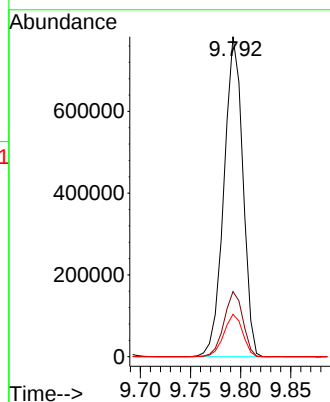
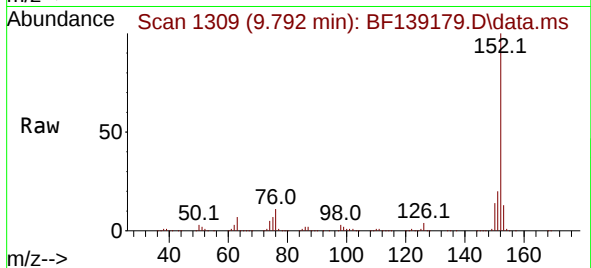
Tgt Ion:152 Resp: 1024616

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 46.673 ng

RT: 9.657 min Scan# 1286

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

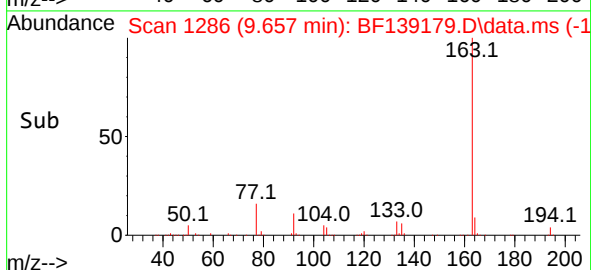
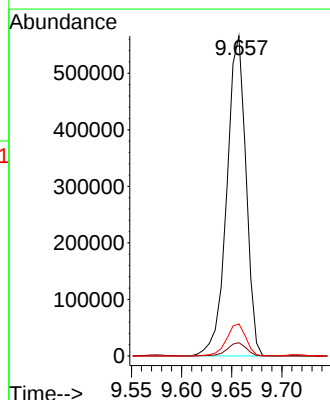
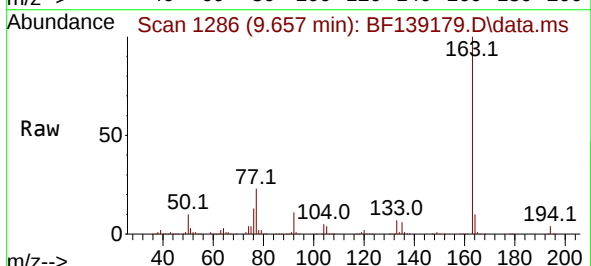
Tgt Ion:163 Resp: 750230

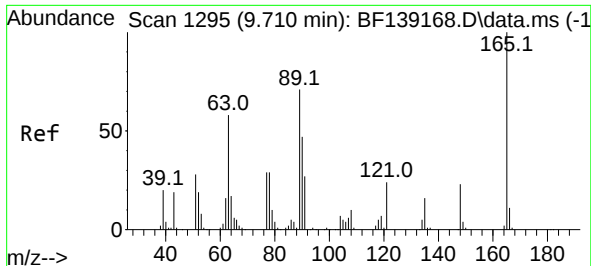
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.141 ng

RT: 9.716 min Scan# 1295

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

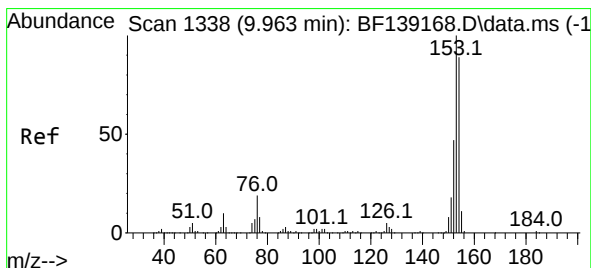
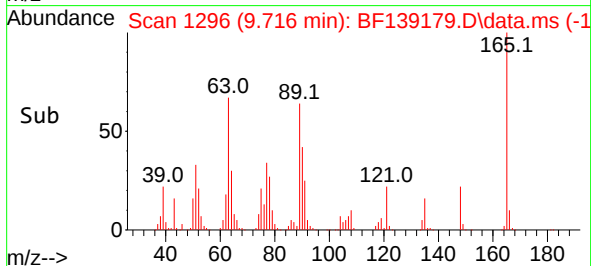
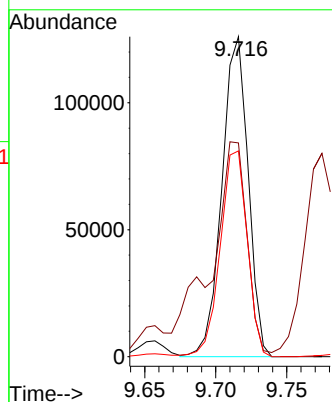
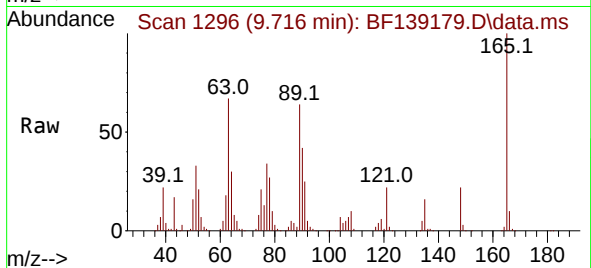
Tgt Ion:165 Resp: 161824

Ion Ratio Lower Upper

165 100

63 66.8 60.1 90.1

89 64.3 57.0 85.6



#52

Acenaphthene

Concen: 46.596 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

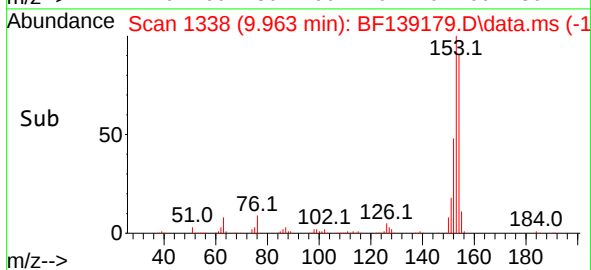
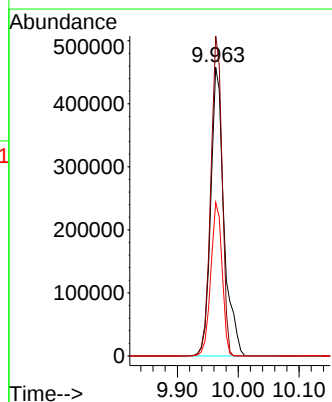
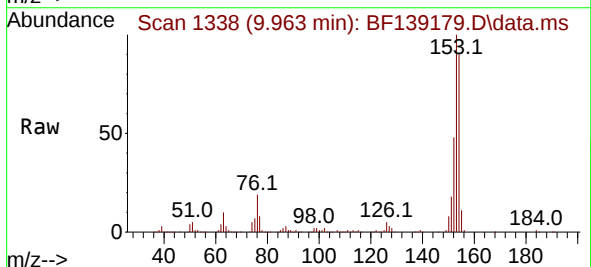
Tgt Ion:154 Resp: 693048

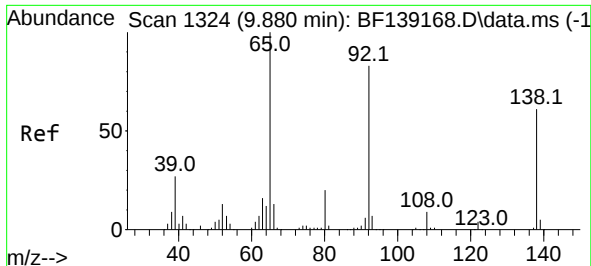
Ion Ratio Lower Upper

154 100

153 110.9 90.0 135.0

152 53.2 42.4 63.6

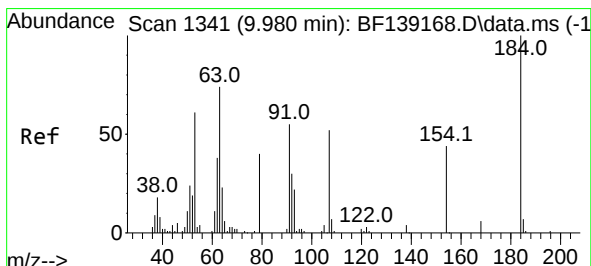
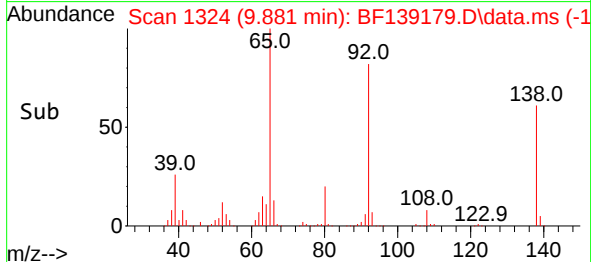
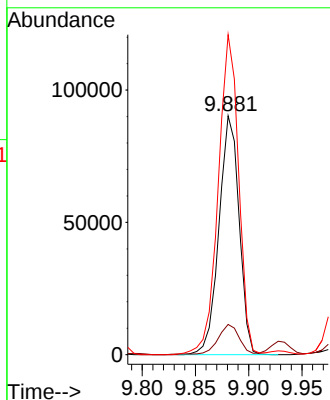
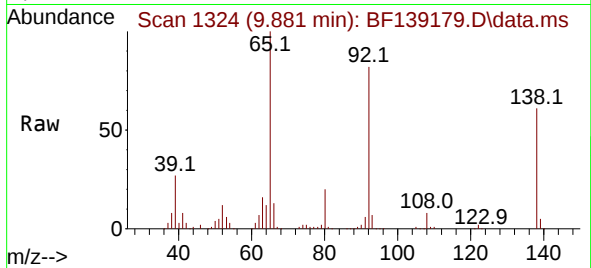




#53
3-Nitroaniline
Concen: 35.112 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

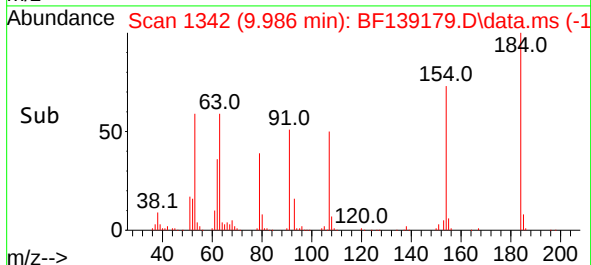
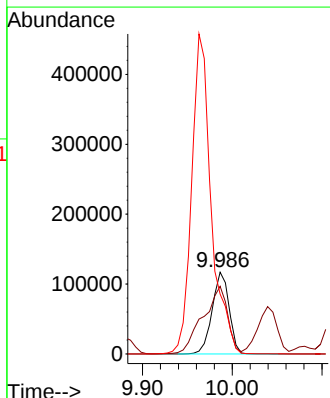
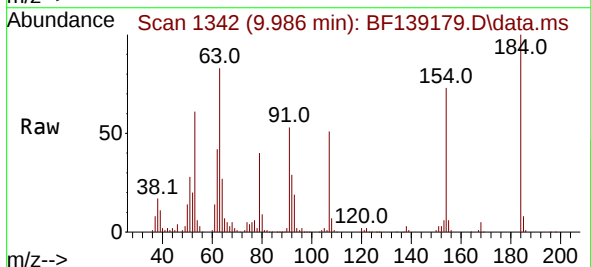
Instrument :
BNA_F
ClientSampleId :
PB162379BS

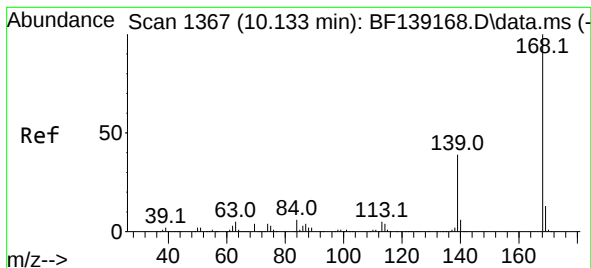
Tgt Ion:138 Resp: 118583
Ion Ratio Lower Upper
138 100
108 12.6 11.8 17.6
92 134.0 108.2 162.2



#54
2,4-Dinitrophenol
Concen: 88.522 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:184 Resp: 153436
Ion Ratio Lower Upper
184 100
63 82.8 72.1 108.1
154 73.2 135.3 202.9#





#55

Dibenzenofuran

Concen: 42.317 ng

RT: 10.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

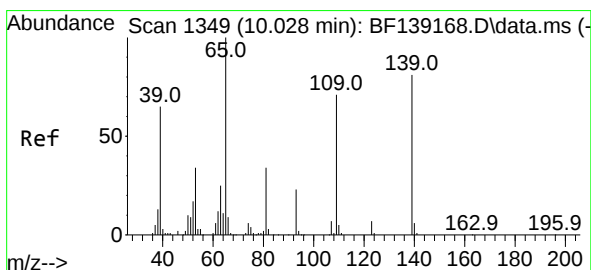
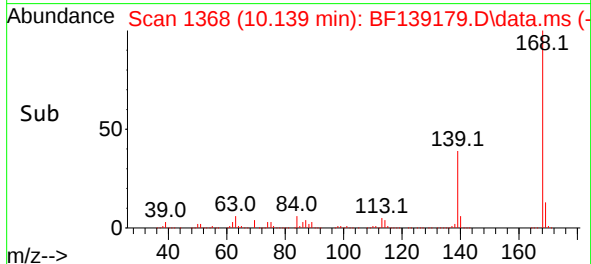
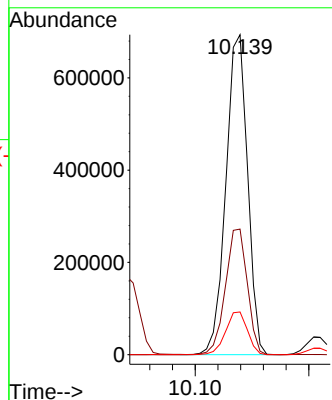
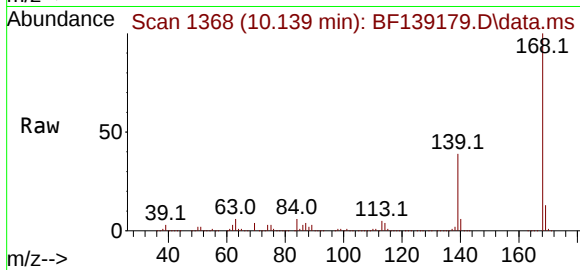
Tgt Ion:168 Resp: 918571

Ion Ratio Lower Upper

168 100

139 39.2 31.5 47.3

169 13.4 10.7 16.1



#56

4-Nitrophenol

Concen: 86.876 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.011 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

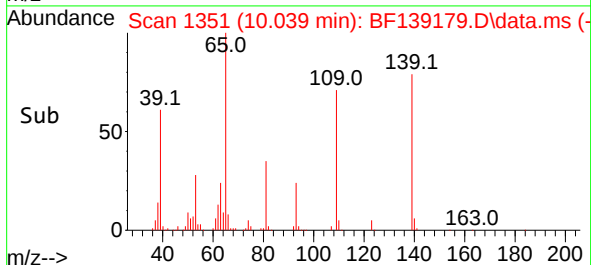
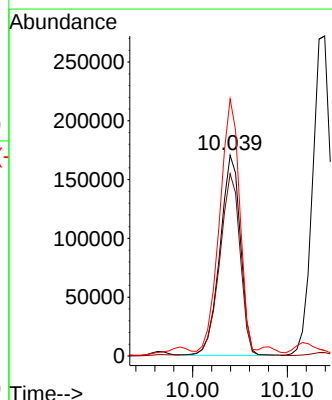
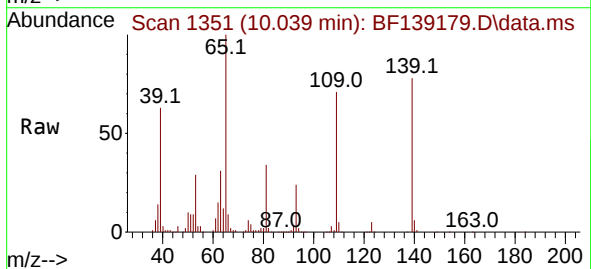
Tgt Ion:139 Resp: 256425

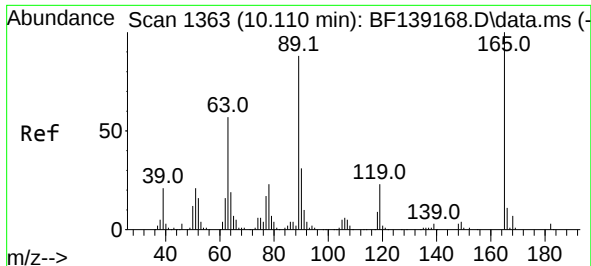
Ion Ratio Lower Upper

139 100

109 90.8 68.2 108.2

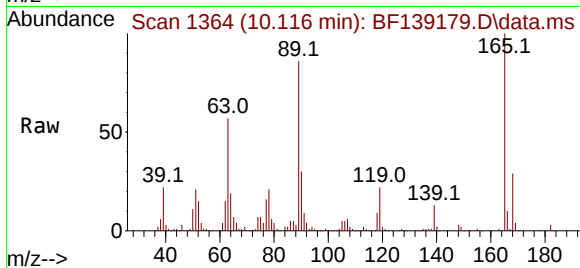
65 128.2 104.7 144.7



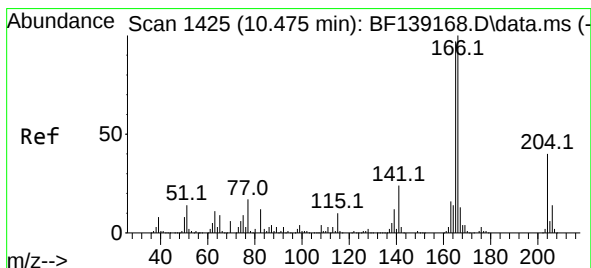
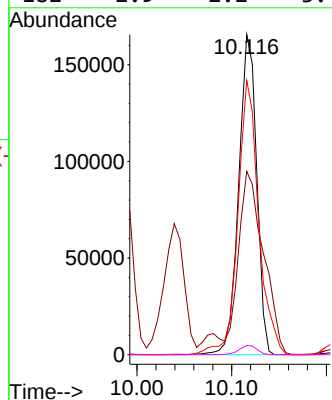
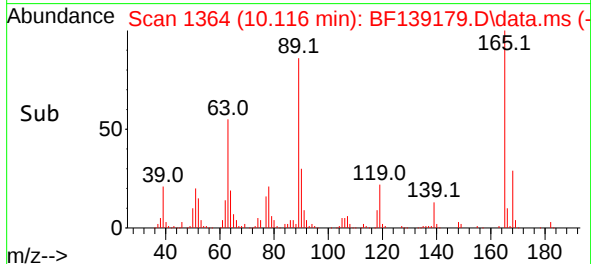


#57
2,4-Dinitrotoluene
Concen: 49.727 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

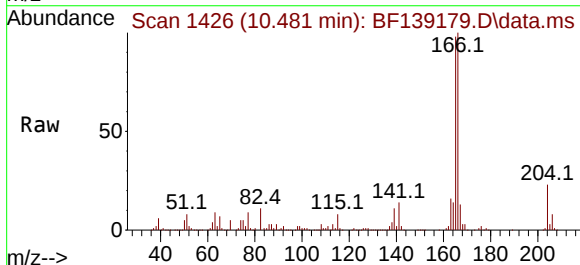
Instrument :
BNA_F
ClientSampleId :
PB162379BS



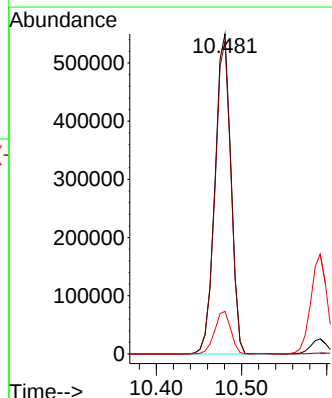
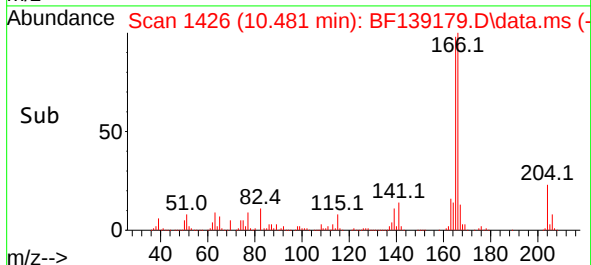
Tgt Ion:165 Resp: 218041
Ion Ratio Lower Upper
165 100
63 57.3 46.2 69.2
89 85.7 70.2 105.4
182 2.9 2.2 3.4

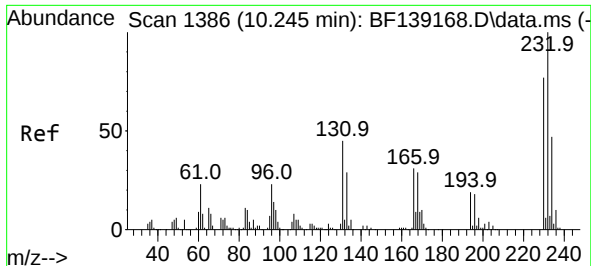


#58
Fluorene
Concen: 41.859 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02



Tgt Ion:166 Resp: 716857
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.8
167 13.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.394 ng

RT: 10.251 min Scan# 1387

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

Tgt Ion:232 Resp: 203131

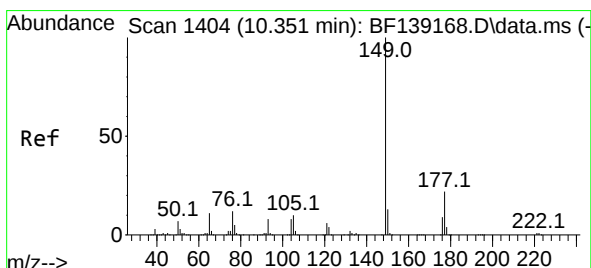
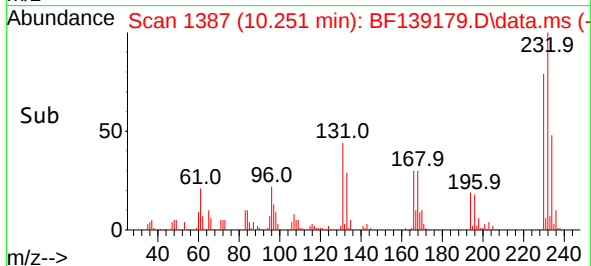
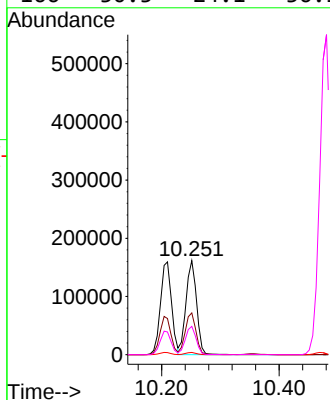
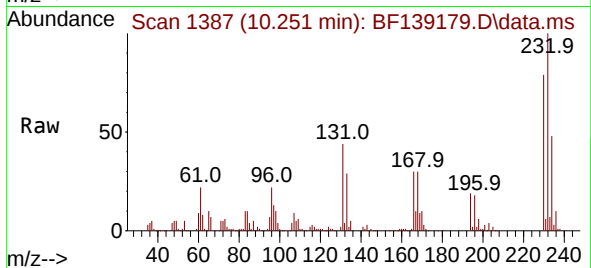
Ion Ratio Lower Upper

232 100

131 44.9 34.9 52.3

130 2.3 1.9 2.9

166 30.3 24.1 36.1



#60

Diethylphthalate

Concen: 47.488 ng

RT: 10.351 min Scan# 1404

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

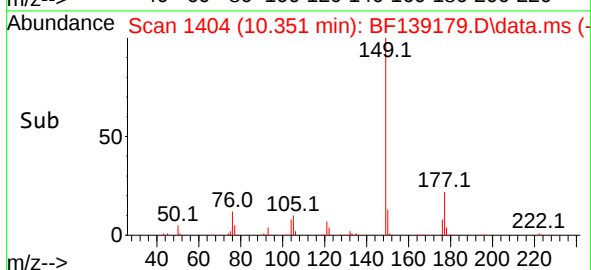
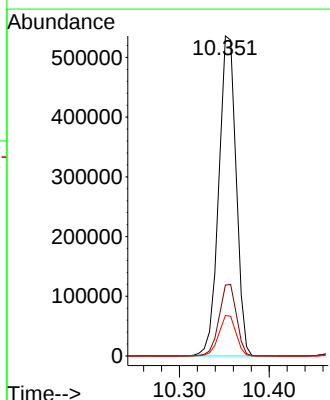
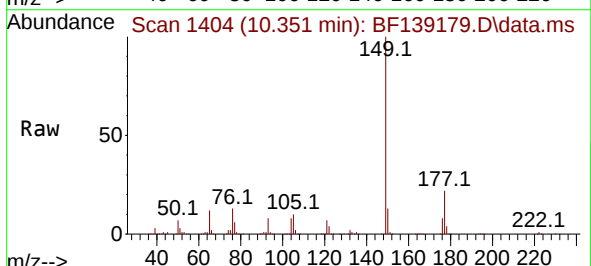
Tgt Ion:149 Resp: 718814

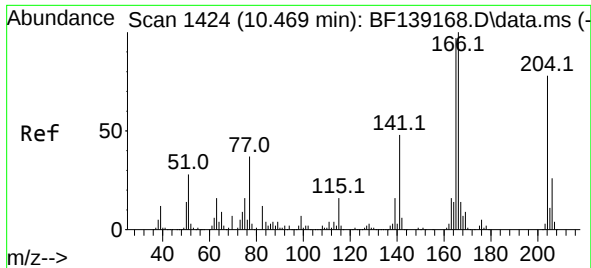
Ion Ratio Lower Upper

149 100

177 22.2 18.0 27.0

150 12.7 10.0 15.0

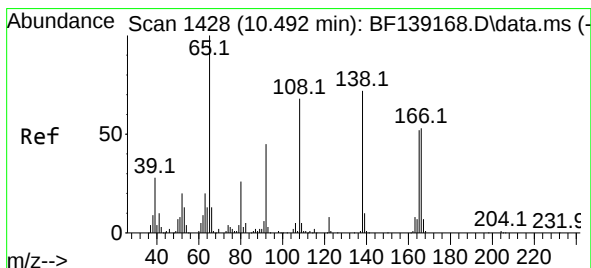
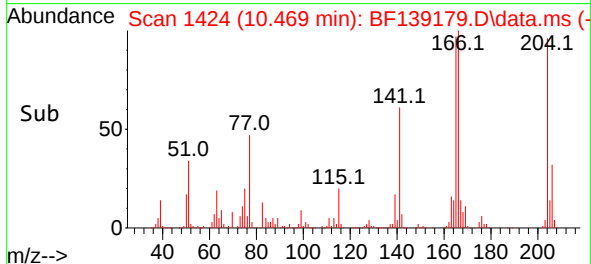
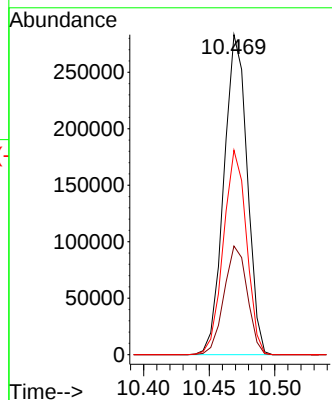
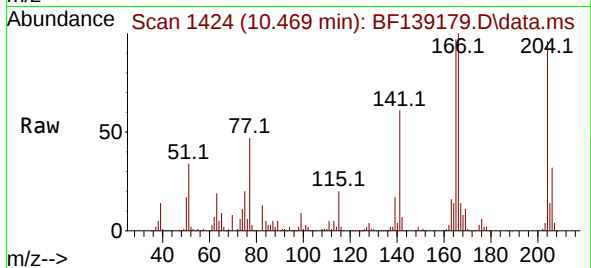




#61
4-Chlorophenyl-phenylether
Concen: 41.698 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

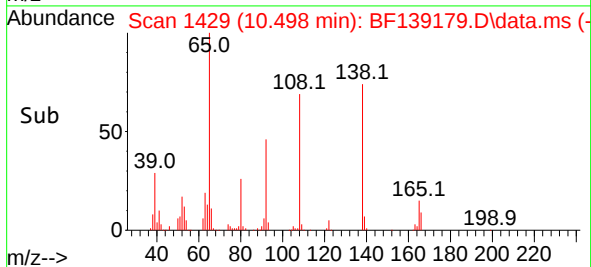
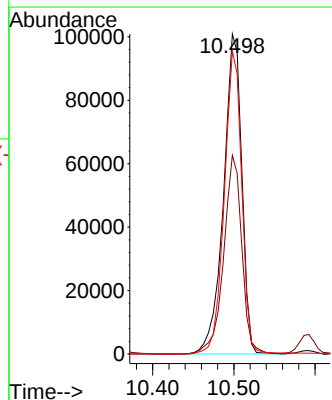
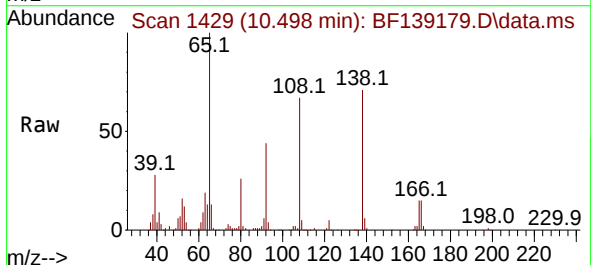
Instrument :
BNA_F
ClientSampleId :
PB162379BS

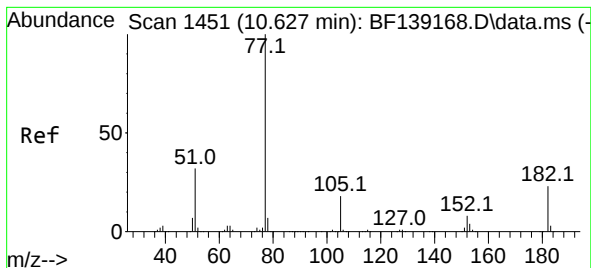
Tgt Ion:204 Resp: 350447
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.4
141 63.9 49.6 74.4



#62
4-Nitroaniline
Concen: 44.814 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:138 Resp: 158048
Ion Ratio Lower Upper
138 100
92 62.1 42.4 82.4
108 94.6 74.0 114.0





#63

Azobenzene

Concen: 43.939 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

Tgt Ion: 77 Resp: 808517

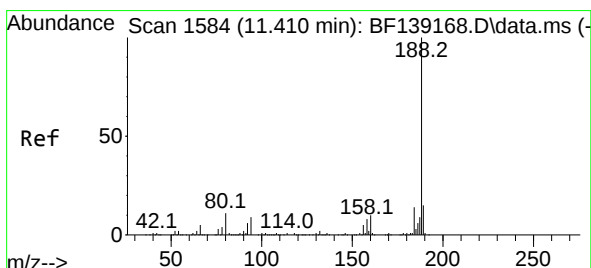
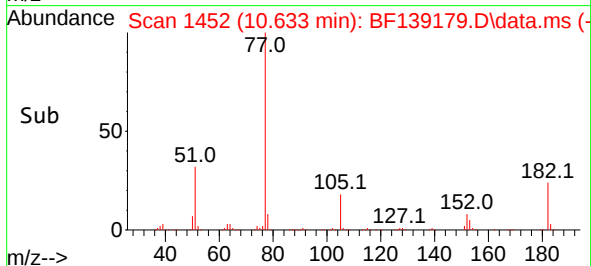
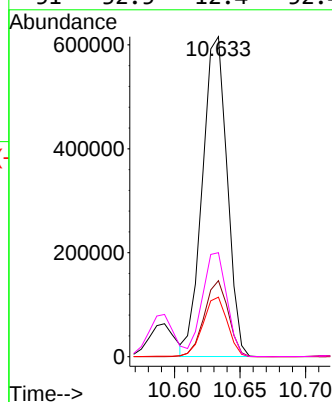
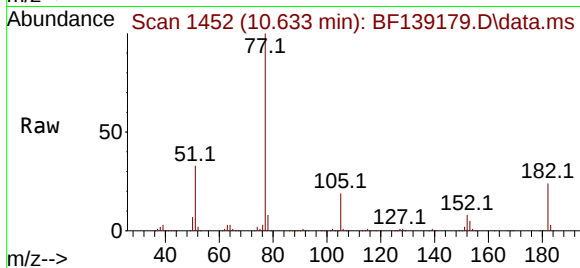
Ion Ratio Lower Upper

77 100

182 23.8 2.4 42.4

105 18.6 0.0 38.2

51 32.5 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: BF139179.D

Acq: 27 Aug 2024 11:02

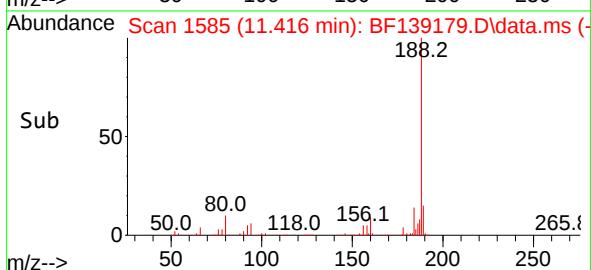
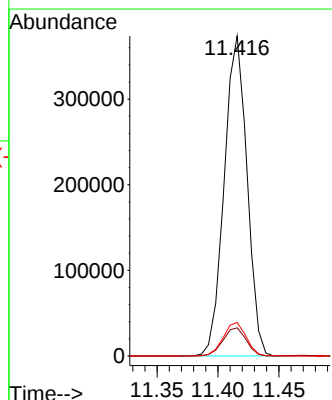
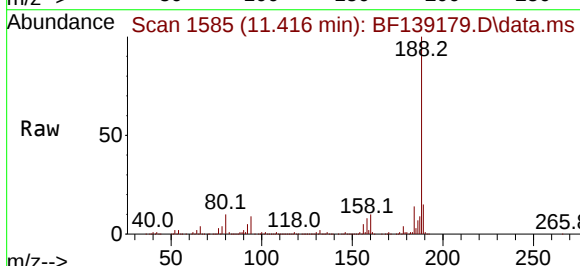
Tgt Ion: 188 Resp: 487493

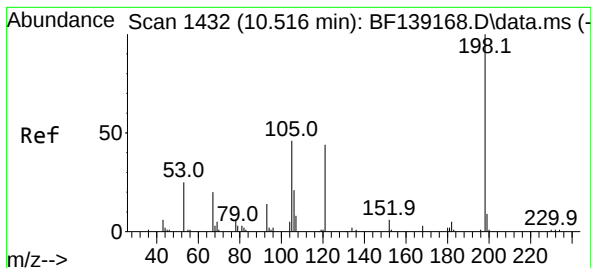
Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 10.5 8.9 13.3

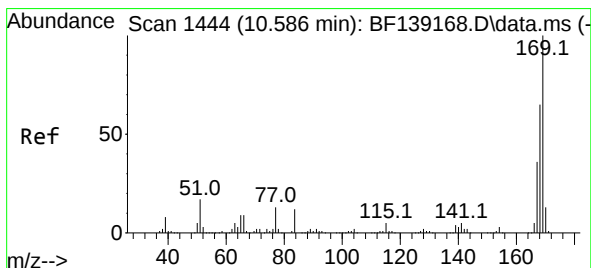
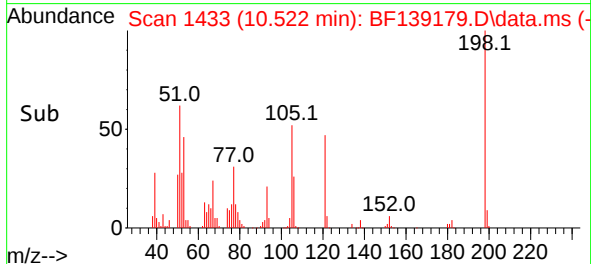
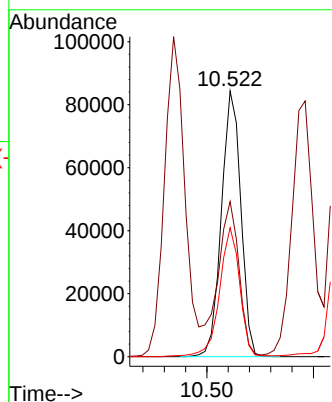
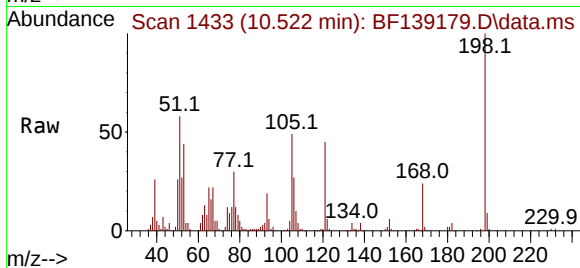




#65
4,6-Dinitro-2-methylphenol
Concen: 54.306 ng
RT: 10.522 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

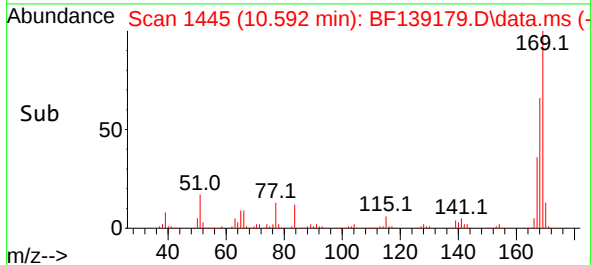
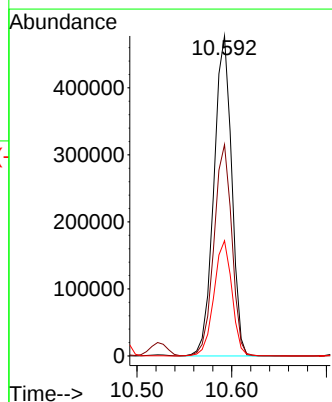
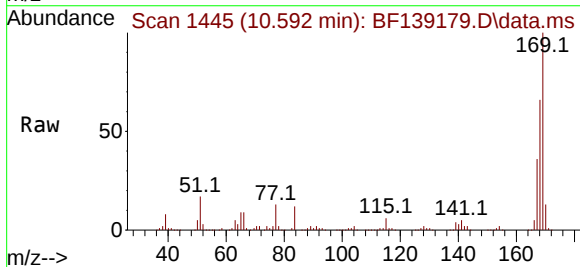
Instrument :
BNA_F
ClientSampleId :
PB162379BS

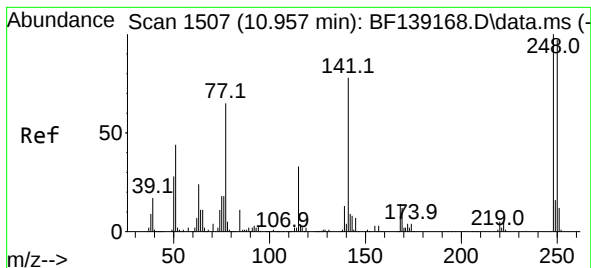
Tgt Ion:198 Resp: 106358
Ion Ratio Lower Upper
198 100
51 58.4 39.2 79.2
105 48.6 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 43.050 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:169 Resp: 621541
Ion Ratio Lower Upper
169 100
168 66.0 52.3 78.5
167 36.0 29.0 43.4

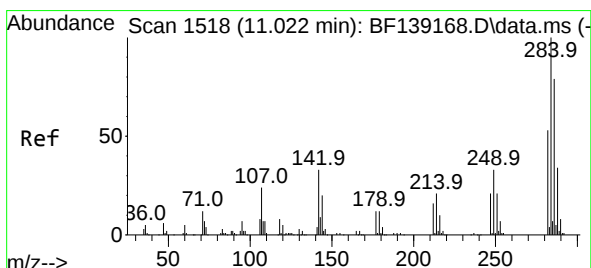
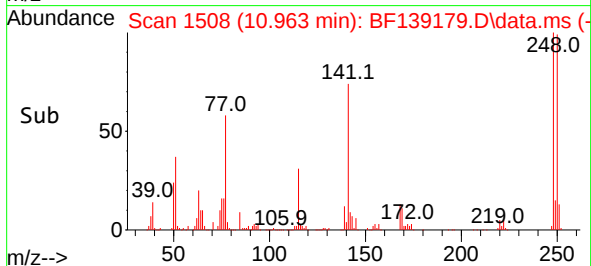
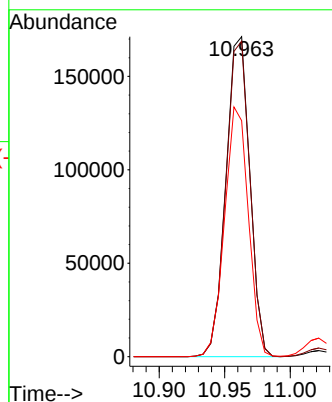
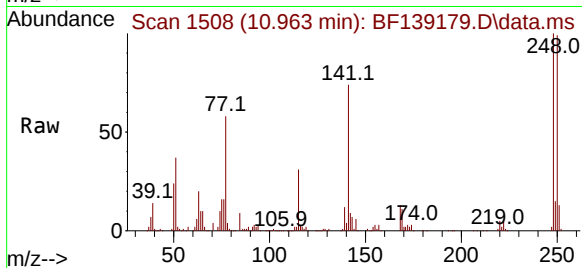




#67
4-Bromophenyl-phenylether
Concen: 42.040 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

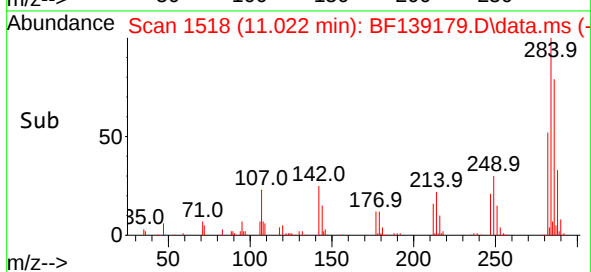
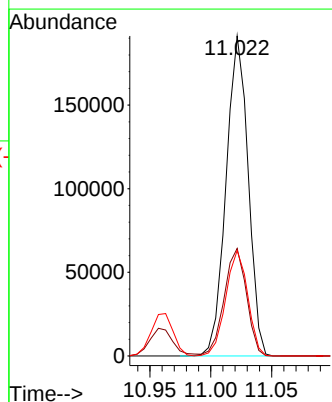
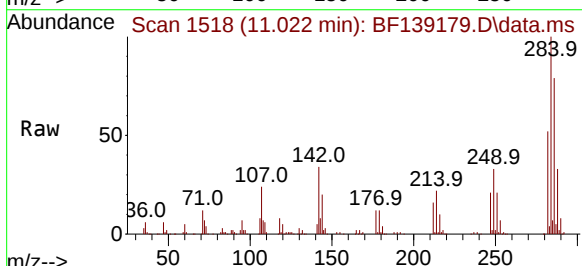
Instrument :
BNA_F
ClientSampleId :
PB162379BS

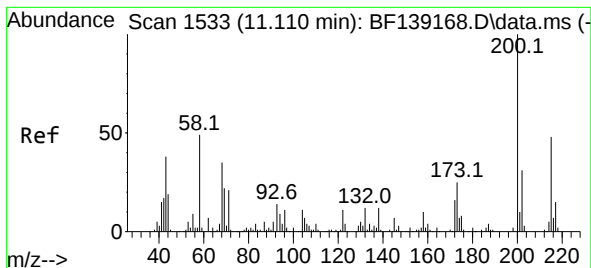
Tgt Ion:248 Resp: 217757
Ion Ratio Lower Upper
248 100
250 98.6 78.0 117.0
141 73.8 62.6 94.0



#68
Hexachlorobenzene
Concen: 43.074 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:284 Resp: 241454
Ion Ratio Lower Upper
284 100
142 33.6 26.6 40.0
249 32.9 26.5 39.7





#69

Atrazine

Concen: 50.836 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

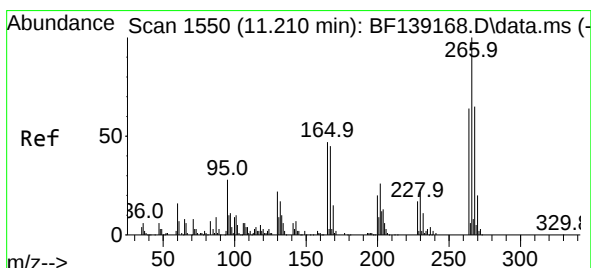
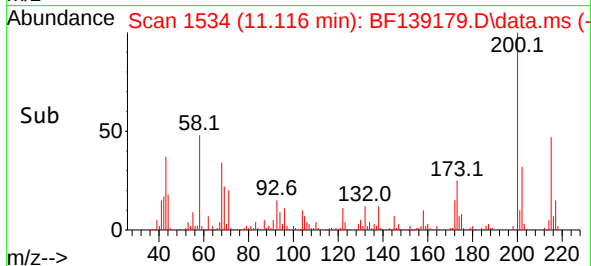
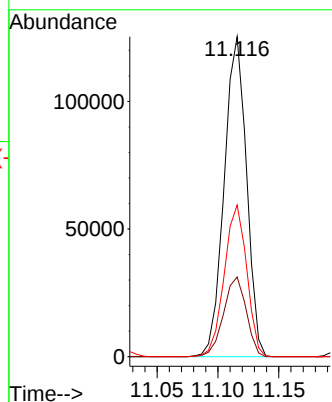
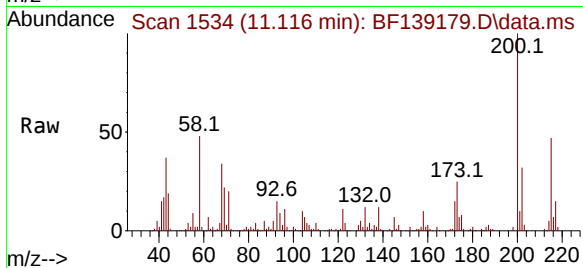
Tgt Ion:200 Resp: 160088

Ion Ratio Lower Upper

200 100

173 24.9 4.7 44.7

215 47.4 28.2 68.2



#70

Pentachlorophenol

Concen: 89.495 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

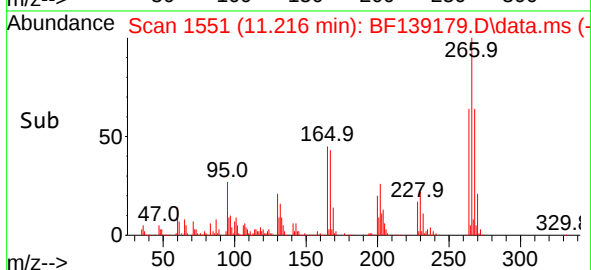
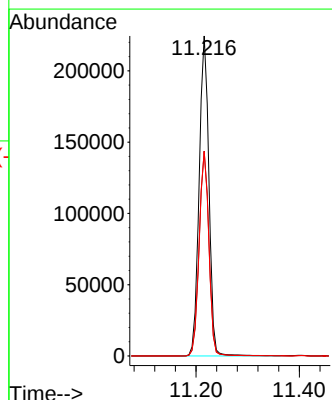
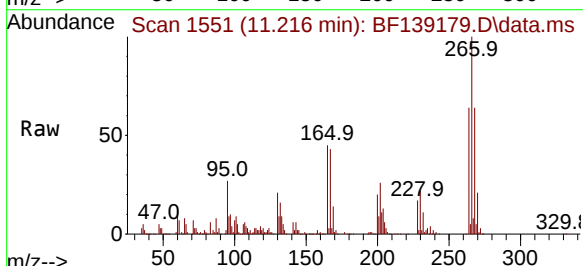
Tgt Ion:266 Resp: 294536

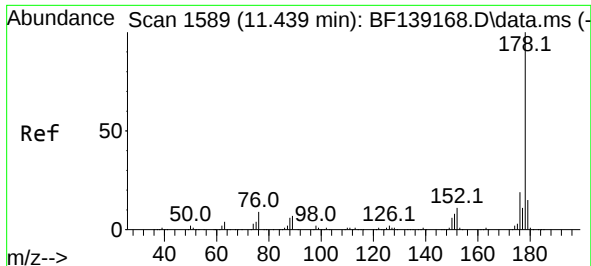
Ion Ratio Lower Upper

266 100

268 64.1 51.8 77.8

264 63.9 51.0 76.6

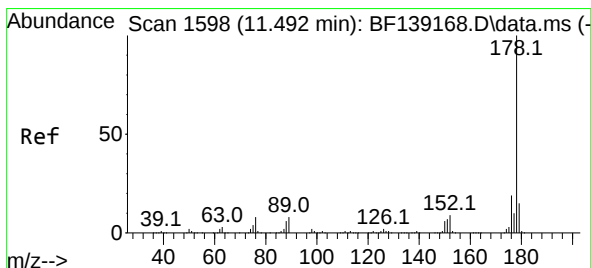
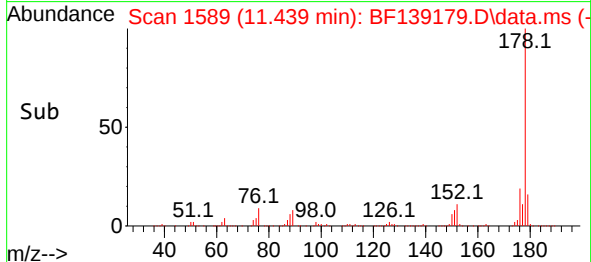
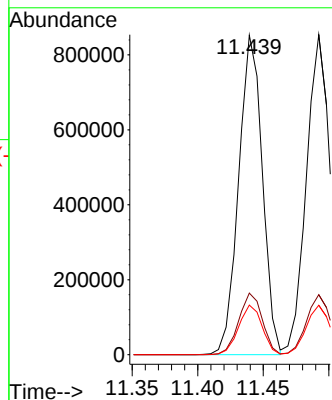
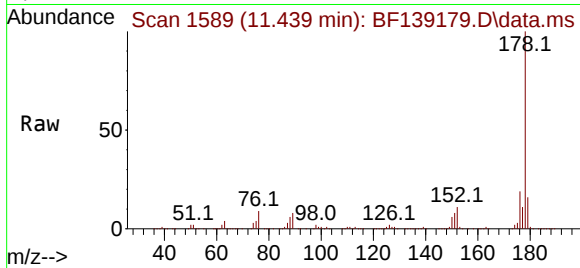




#71
Phenanthrene
Concen: 43.616 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

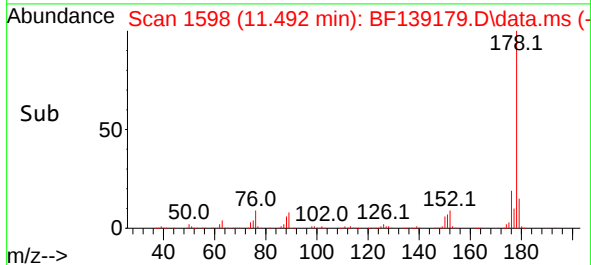
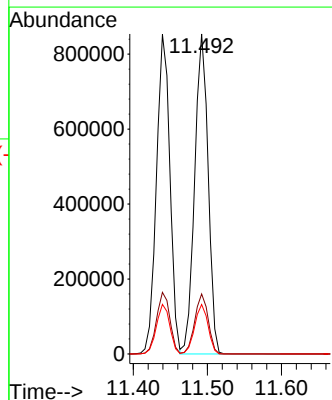
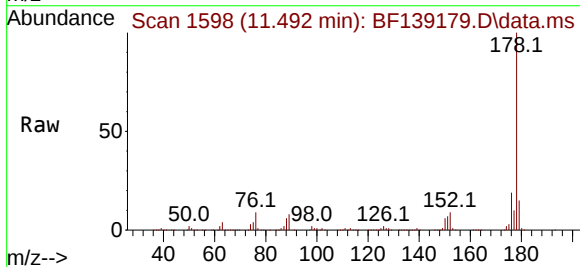
Instrument :
BNA_F
ClientSampleId :
PB162379BS

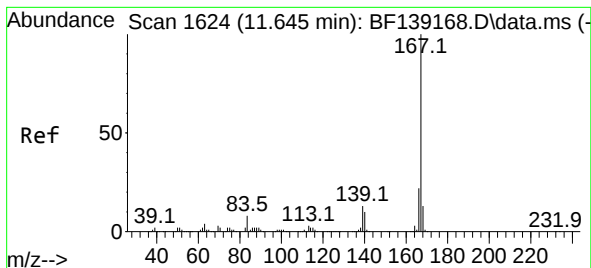
Tgt Ion:178 Resp: 1074473
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.2 18.4



#72
Anthracene
Concen: 44.757 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:178 Resp: 1074783
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 12.3 18.5





#73

Carbazole

Concen: 43.965 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

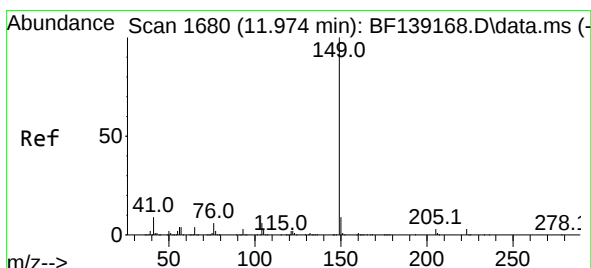
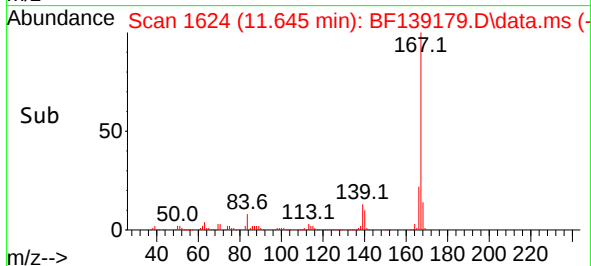
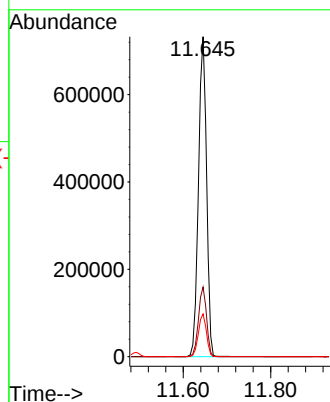
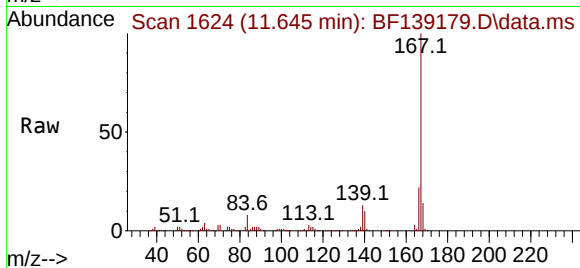
Tgt Ion:167 Resp: 944436

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.3 10.3 15.5



#74

Di-n-butylphthalate

Concen: 54.138 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

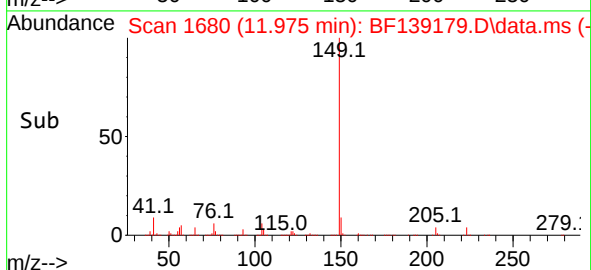
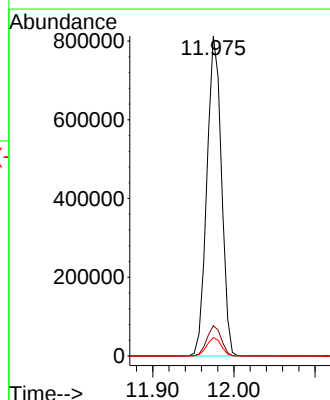
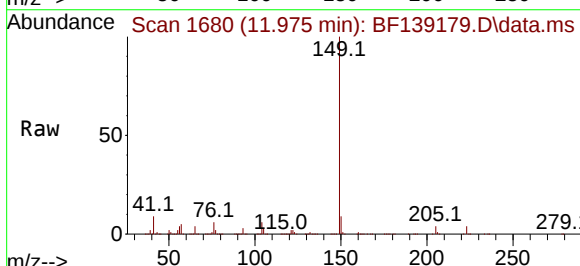
Tgt Ion:149 Resp: 1007953

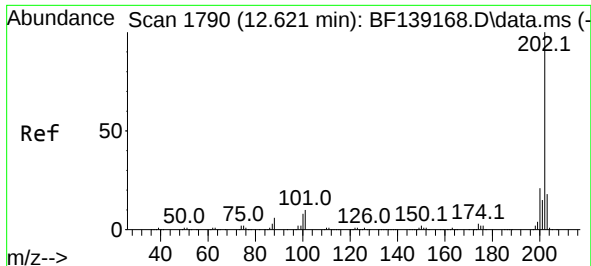
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.7 4.4 6.6

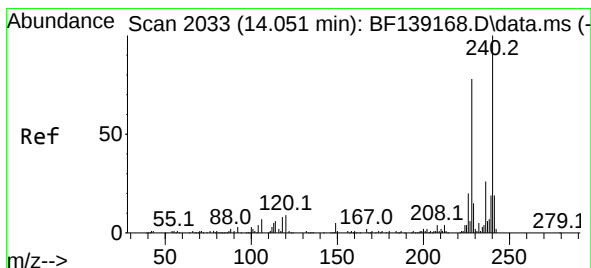
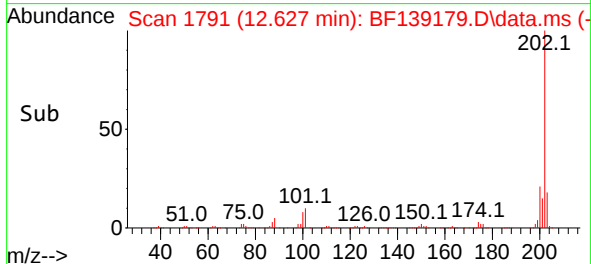
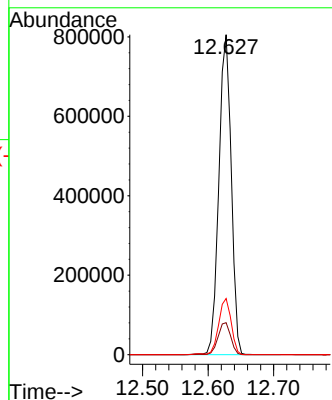
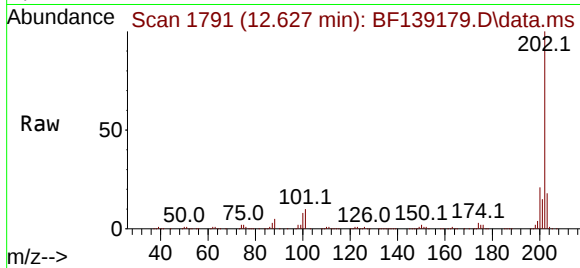




#75
Fluoranthene
Concen: 43.831 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

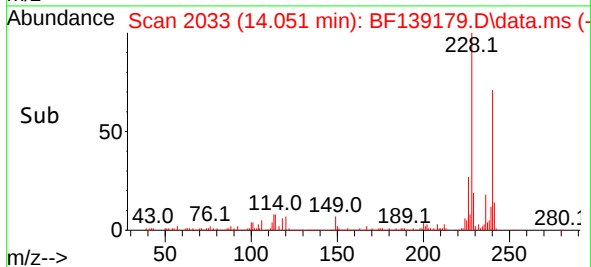
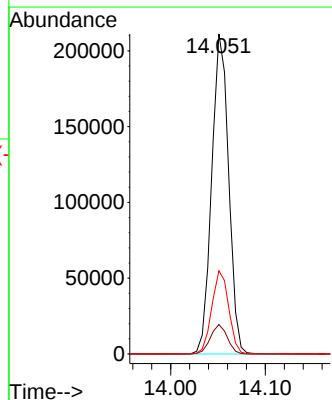
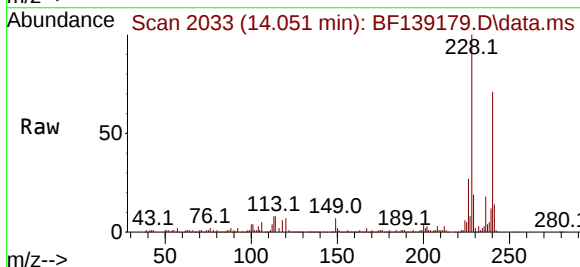
Instrument :
BNA_F
ClientSampleId :
PB162379BS

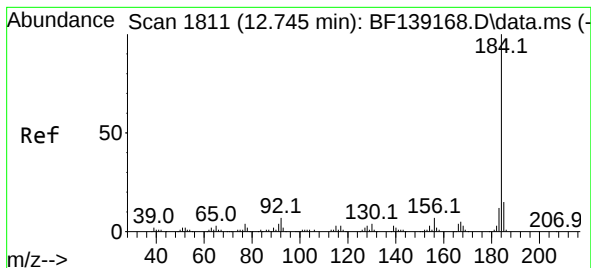
Tgt Ion:202 Resp: 1047859
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.1
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:240 Resp: 261728
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 26.0 20.9 31.3





#77

Benzidine

Concen: 6.743 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

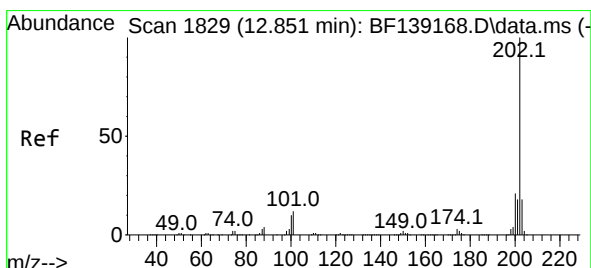
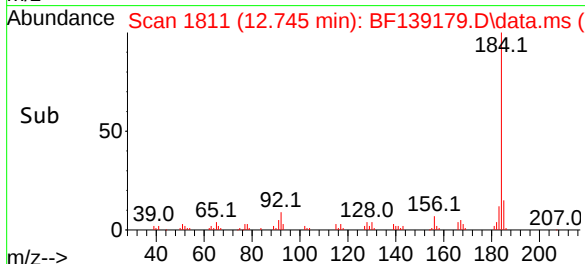
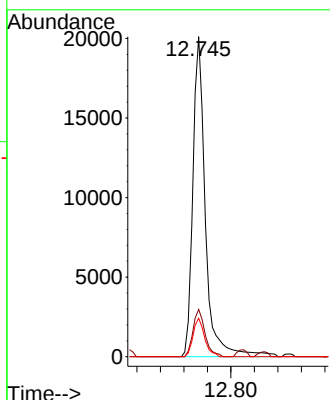
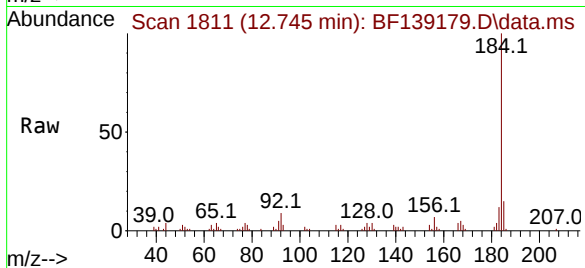
Tgt Ion:184 Resp: 29781

Ion Ratio Lower Upper

184 100

185 14.8 12.1 18.1

183 12.0 9.4 14.0



#78

Pyrene

Concen: 42.708 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

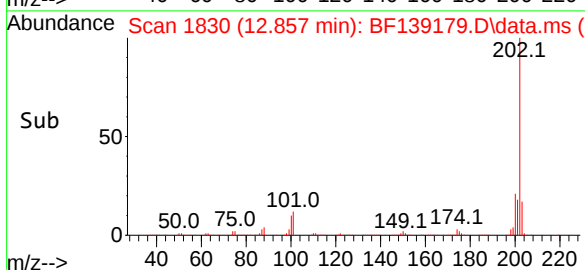
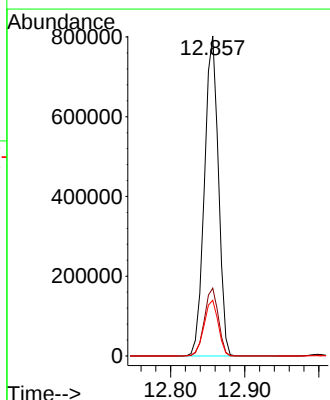
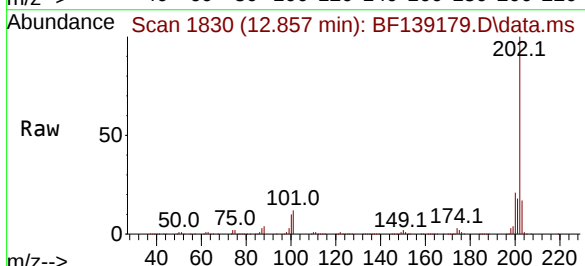
Tgt Ion:202 Resp: 1049963

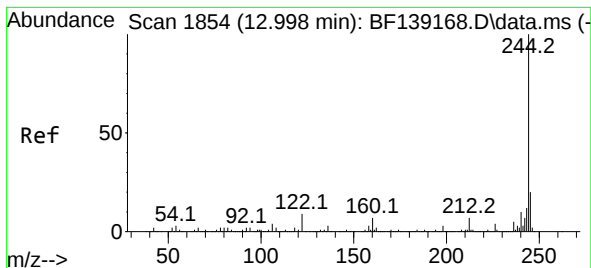
Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

203 17.4 14.1 21.1





#79

Terphenyl-d14

Concen: 86.796 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

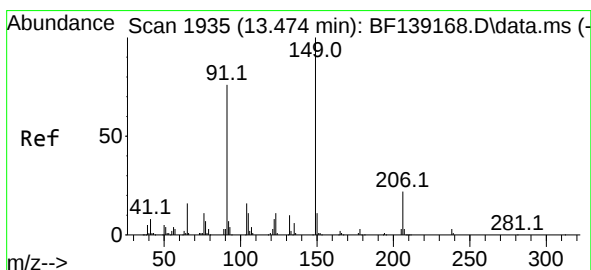
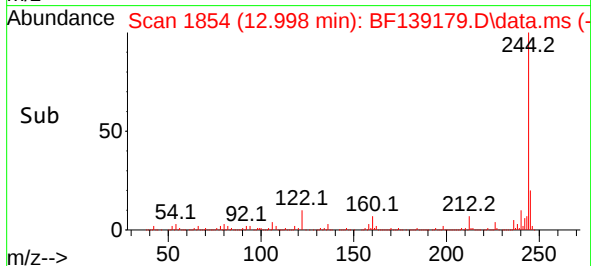
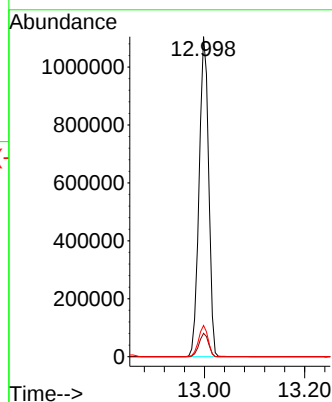
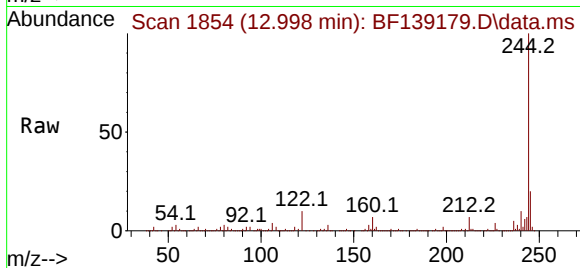
Tgt Ion:244 Resp: 1455917

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.7 7.6 11.4



#80

Butylbenzylphthalate

Concen: 55.342 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

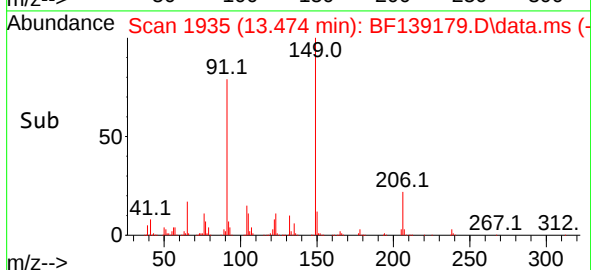
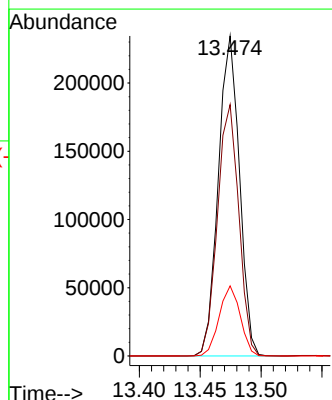
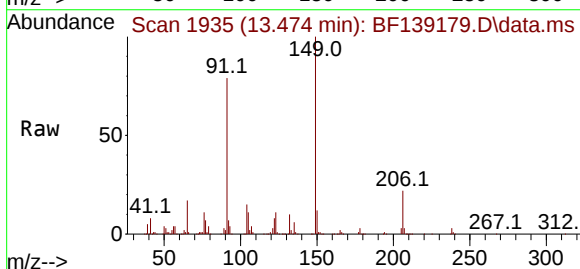
Tgt Ion:149 Resp: 283336

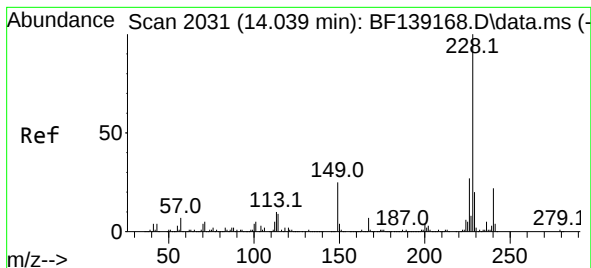
Ion Ratio Lower Upper

149 100

91 78.6 60.9 91.3

206 21.9 17.7 26.5





#81

Benzo(a)anthracene

Concen: 46.328 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

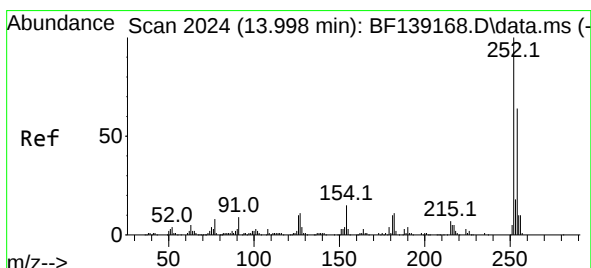
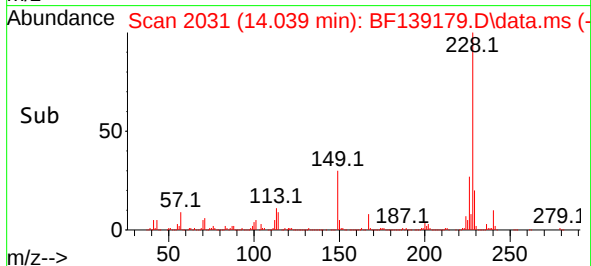
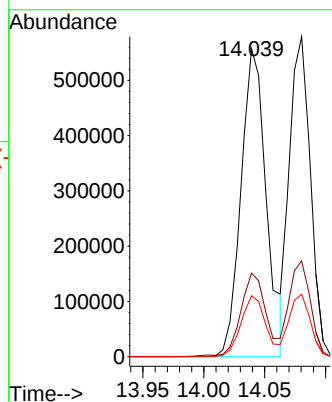
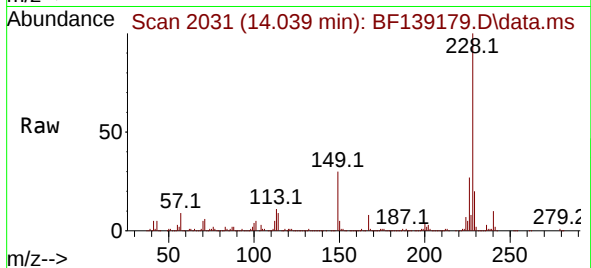
Tgt Ion:228 Resp: 803403

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 42.491 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

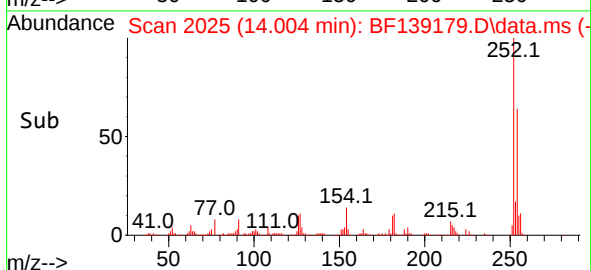
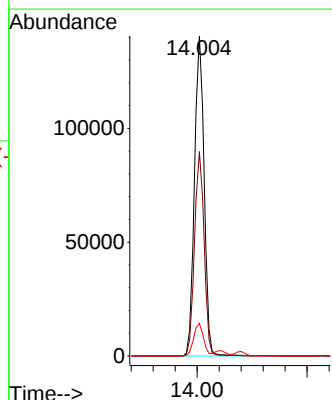
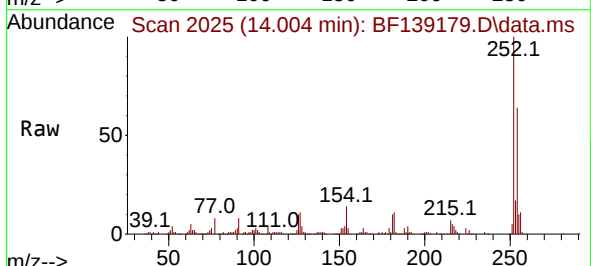
Tgt Ion:252 Resp: 171562

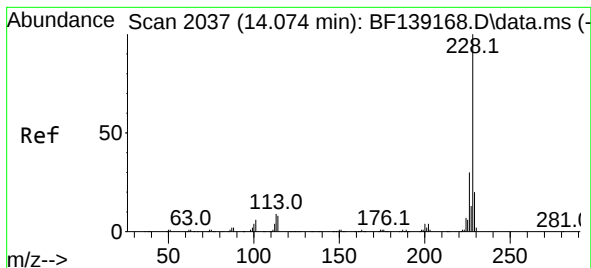
Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.0

126 10.2 8.2 12.2





#83

Chrysene

Concen: 44.256 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

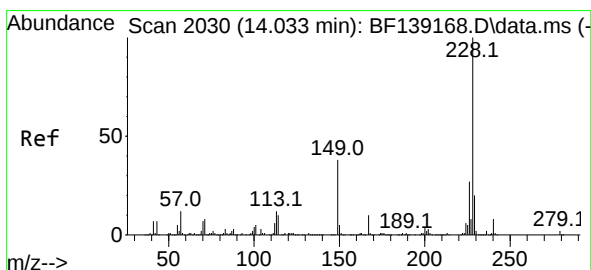
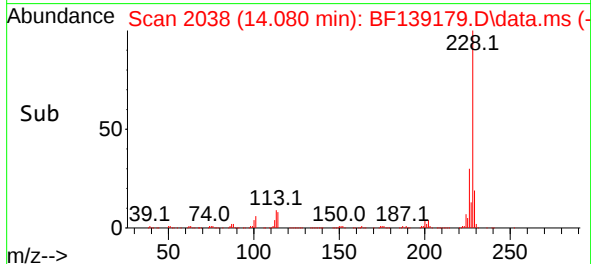
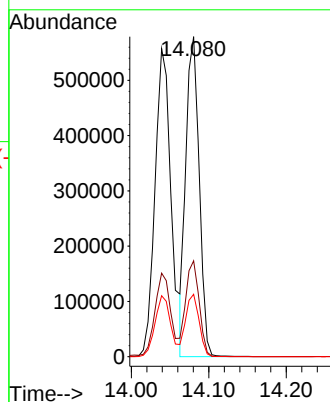
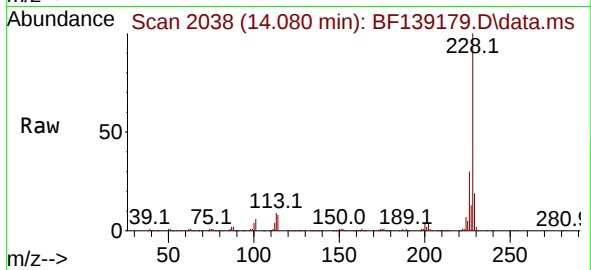
Tgt Ion:228 Resp: 692310

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.276 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

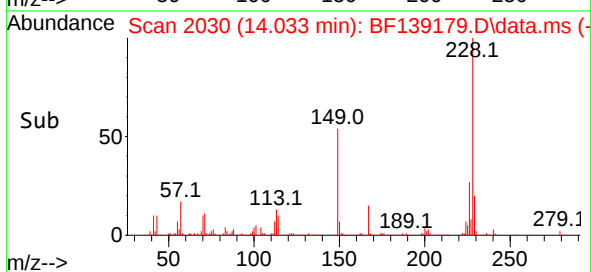
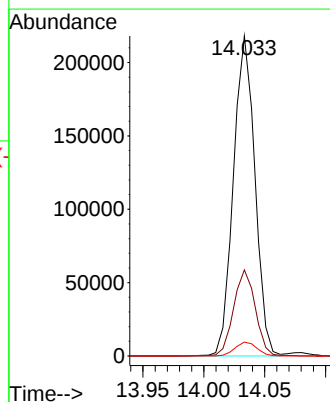
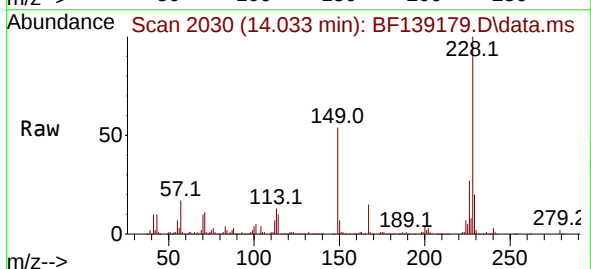
Tgt Ion:149 Resp: 268144

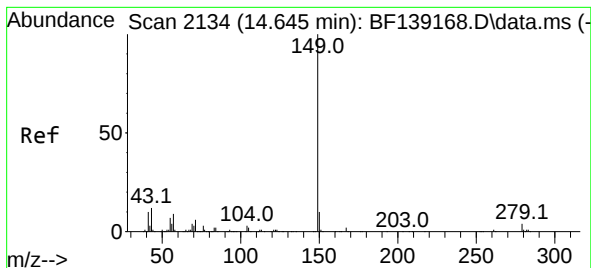
Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 42.249 ng

RT: 14.651 min Scan# 2135

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

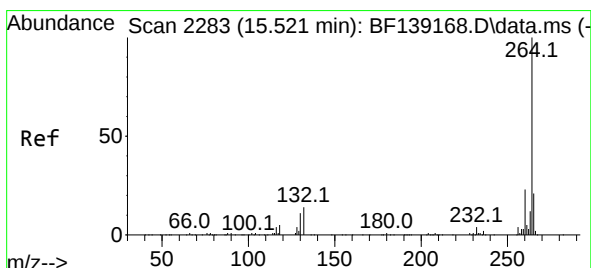
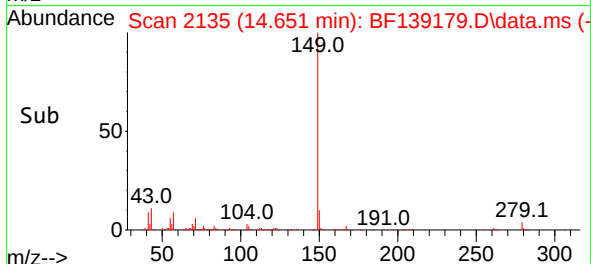
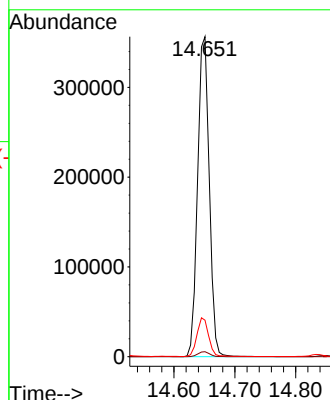
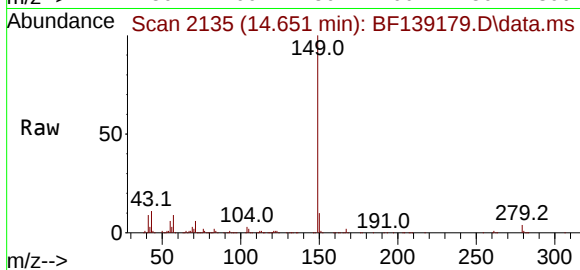
Tgt Ion:149 Resp: 474357

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.0 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: BF139179.D

Acq: 27 Aug 2024 11:02

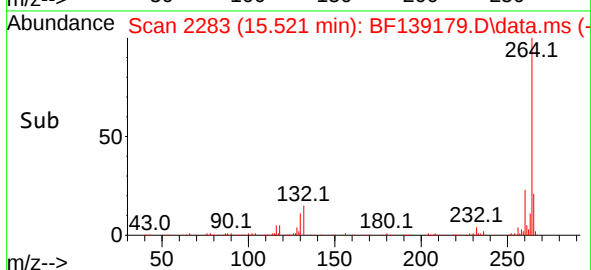
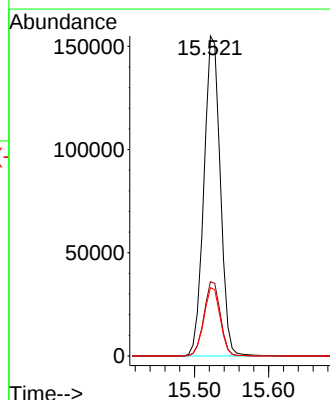
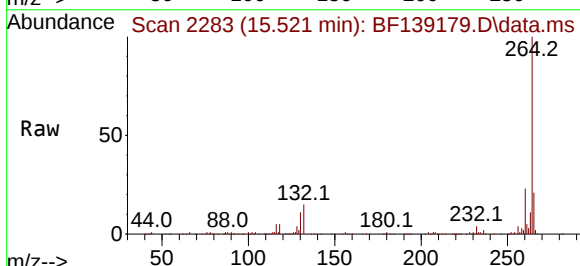
Tgt Ion:264 Resp: 237760

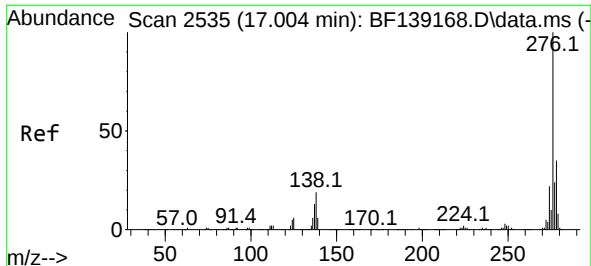
Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.4 17.0 25.6

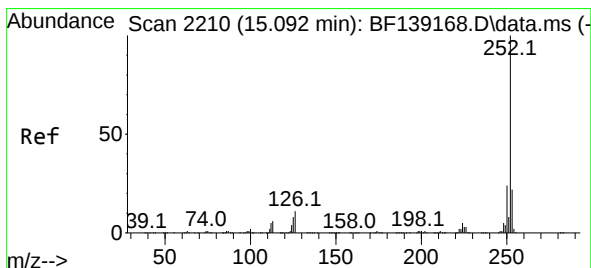
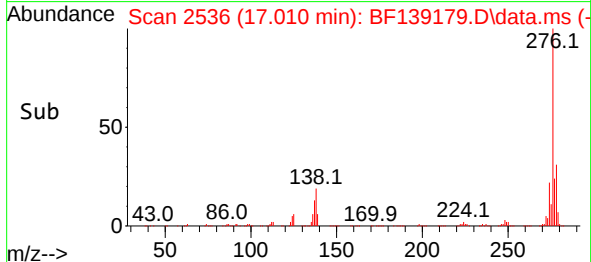
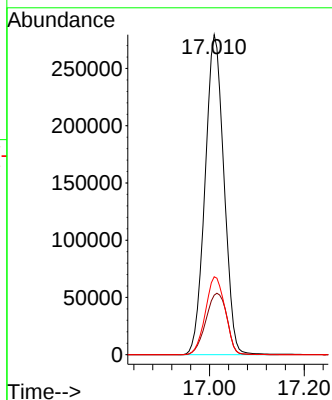
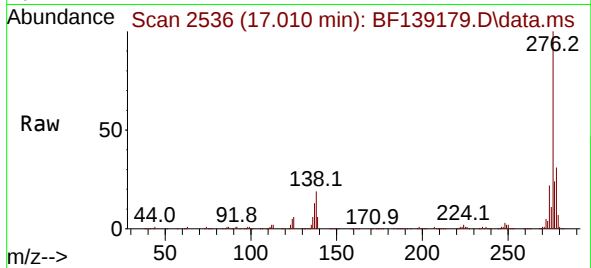




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.474 ng
RT: 17.010 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

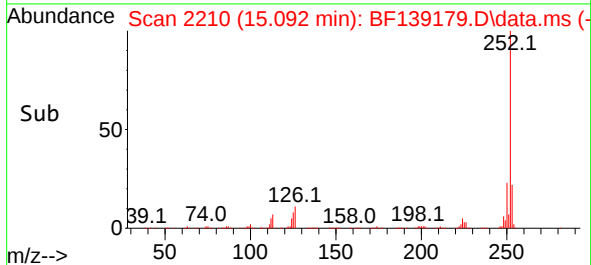
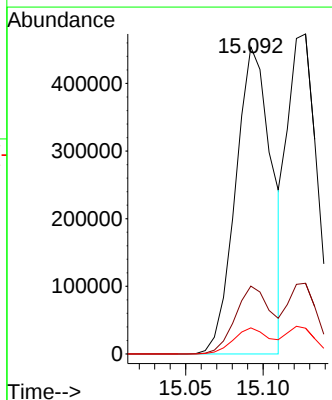
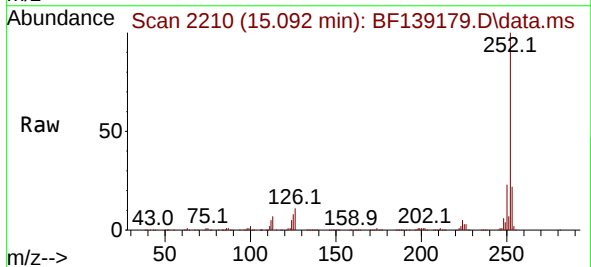
Instrument :
BNA_F
ClientSampleId :
PB162379BS

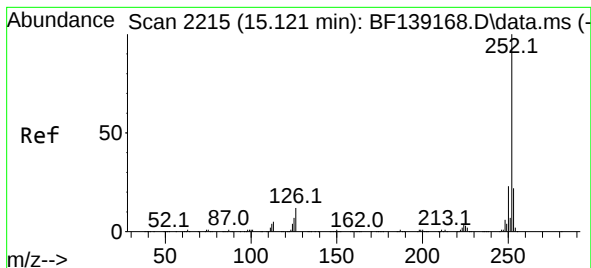
Tgt Ion:276 Resp: 771788
Ion Ratio Lower Upper
276 100
138 21.4 17.4 26.2
277 25.5 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 52.825 ng
RT: 15.092 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:252 Resp: 734711
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.5 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 49.791 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

Instrument :

BNA_F

ClientSampleId :

PB162379BS

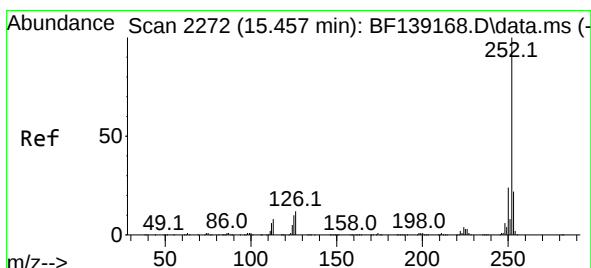
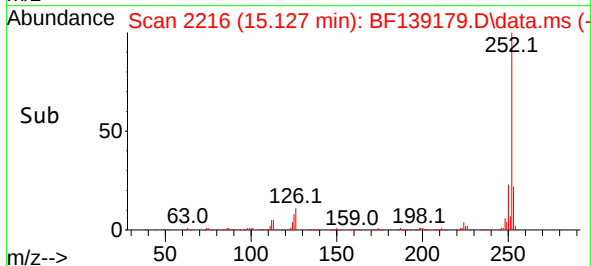
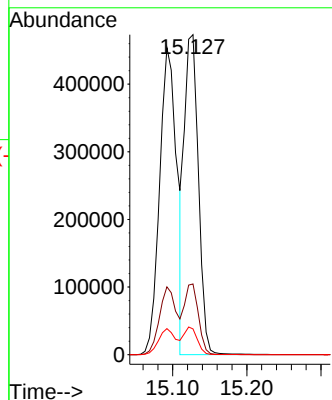
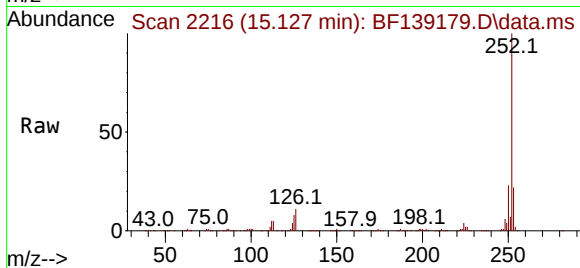
Tgt Ion:252 Resp: 626089

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.0 6.5 9.7



#90

Benzo(a)pyrene

Concen: 53.764 ng

RT: 15.463 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF139179.D

Acq: 27 Aug 2024 11:02

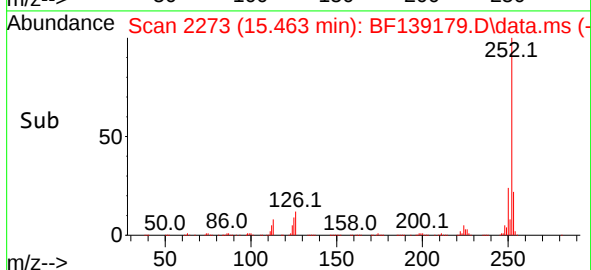
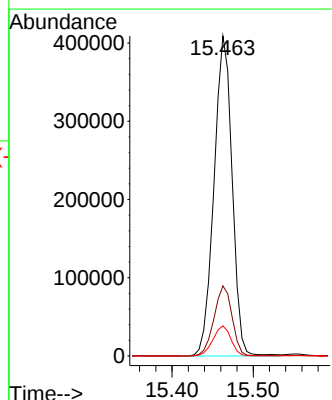
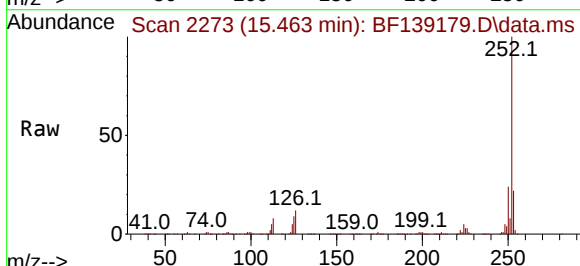
Tgt Ion:252 Resp: 634709

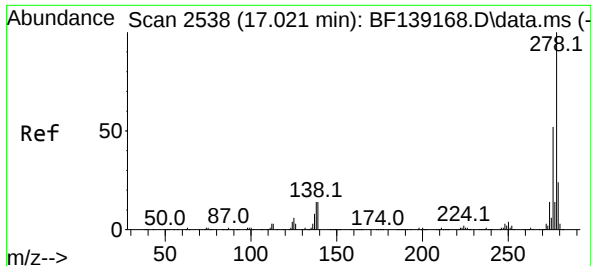
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.4 7.8 11.6

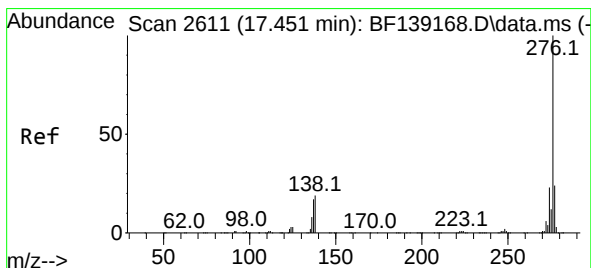
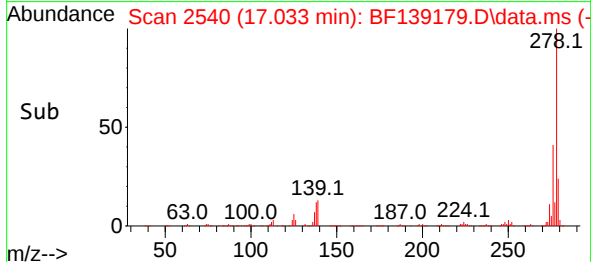
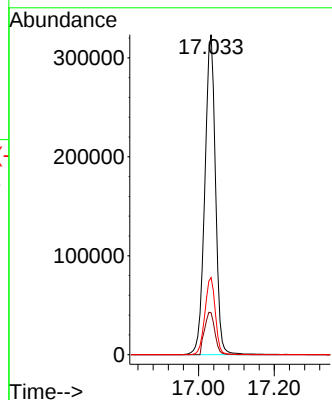
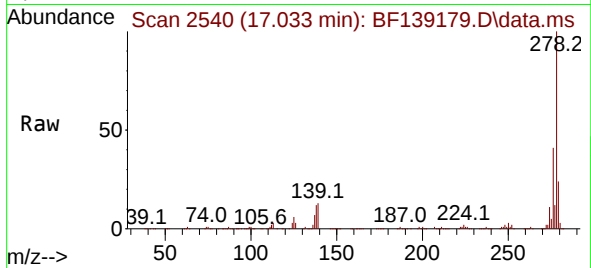




#91
Dibenzo(a,h)anthracene
Concen: 47.330 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Instrument :
BNA_F
ClientSampleId :
PB162379BS

Tgt Ion:278 Resp: 630664
Ion Ratio Lower Upper
278 100
139 13.1 11.2 16.8
279 24.1 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 43.265 ng
RT: 17.462 min Scan# 2613
Delta R.T. 0.012 min
Lab File: BF139179.D
Acq: 27 Aug 2024 11:02

Tgt Ion:276 Resp: 596305
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 17.6 15.0 22.6

