

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139228.D
 Acq On : 03 Sep 2024 11:23
 Operator : RC/JU
 Sample : PB163089BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163089BS

Quant Time: Sep 04 01:54:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 15:46:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	131884	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	492919	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	281284	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	495061	20.000	ng	0.00
76) Chrysene-d12	14.051	240	257821	20.000	ng	0.00
86) Perylene-d12	15.521	264	225348	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	975944	118.626	ng	0.02
7) Phenol-d6	6.522	99	1274061	116.740	ng	0.00
23) Nitrobenzene-d5	7.457	82	848187	82.717	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	363497	128.830	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1421563	78.690	ng	0.00
79) Terphenyl-d14	12.998	244	1506539	84.229	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.769	88	113072	31.424	ng	99
3) Pyridine	3.510	79	287017	31.356	ng	99
4) n-Nitrosodimethylamine	3.475	42	226667	45.817	ng	98
6) Aniline	6.551	93	244880	24.360	ng	# 81
8) 2-Chlorophenol	6.675	128	376788	45.579	ng	99
9) Benzaldehyde	6.434	77	63875	9.178	ng	99
10) Phenol	6.540	94	494704	43.351	ng	93
11) bis(2-Chloroethyl)ether	6.628	93	381357	45.309	ng	99
12) 1,3-Dichlorobenzene	6.828	146	407976	41.690	ng	99
13) 1,4-Dichlorobenzene	6.904	146	415278	42.000	ng	99
14) 1,2-Dichlorobenzene	7.057	146	393280	42.492	ng	99
15) Benzyl Alcohol	7.028	79	386080	45.425	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	534488	44.706	ng	90
17) 2-Methylphenol	7.140	107	309836	44.385	ng	97
18) Hexachloroethane	7.398	117	146345	42.735	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	302317	44.519	ng	99
20) 3+4-Methylphenols	7.293	107	388401	42.931	ng	95
22) Acetophenone	7.298	105	505897	40.343	ng	94
24) Nitrobenzene	7.475	77	454789	42.410	ng	99
25) Isophorone	7.710	82	804356	45.260	ng	99
26) 2-Nitrophenol	7.787	139	180196	46.941	ng	98
27) 2,4-Dimethylphenol	7.822	122	266729	47.358	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	446811	43.181	ng	99
29) 2,4-Dichlorophenol	8.028	162	317619	43.840	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	349104	41.989	ng	100
31) Naphthalene	8.193	128	1061119	41.983	ng	100
32) Benzoic acid	7.951	122	210253	42.025	ng	99
33) 4-Chloroaniline	8.240	127	199705	23.050	ng	100
34) Hexachlorobutadiene	8.310	225	223584	40.796	ng	99
35) Caprolactam	8.616	113	47454	21.987	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	352023	44.261	ng	98
37) 2-Methylnaphthalene	8.887	142	681071	42.769	ng	100
38) 1-Methylnaphthalene	8.981	142	631600	40.216	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	322532	38.581	ng	99
41) Hexachlorocyclopentadiene	9.034	237	286735	97.926	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	236362	44.450	ng	99

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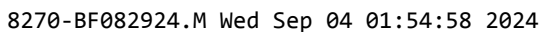
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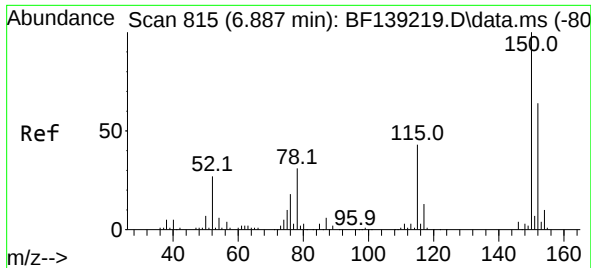
Quant Time: Sep 04 01:54:49 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	237925	41.576	ng	98
46) 1,1'-Biphenyl	9.351	154	789643	39.169	ng	100
47) 2-Chloronaphthalene	9.375	162	667470	41.710	ng	99
48) 2-Nitroaniline	9.469	65	236491	47.992	ng	98
49) Acenaphthylene	9.792	152	1043119	45.857	ng	100
50) Dimethylphthalate	9.651	163	784129	44.520	ng	99
51) 2,6-Dinitrotoluene	9.710	165	174347	45.801	ng	96
52) Acenaphthene	9.963	154	715327	47.100	ng	99
53) 3-Nitroaniline	9.881	138	130995	34.935	ng	95
54) 2,4-Dinitrophenol	9.986	184	167483	82.503	ng	# 90
55) Dibenzofuran	10.134	168	947308	43.304	ng	99
56) 4-Nitrophenol	10.039	139	259598	90.543	ng	97
57) 2,4-Dinitrotoluene	10.116	165	231936	48.368	ng	98
58) Fluorene	10.475	166	733852	42.391	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	205190	45.217	ng	97
60) Diethylphthalate	10.351	149	756390	44.932	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	371490	42.768	ng	100
62) 4-Nitroaniline	10.498	138	159718	43.378	ng	96
63) Azobenzene	10.628	77	831743	44.826	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	119265	48.769	ng	98
66) n-Nitrosodiphenylamine	10.586	169	637510	43.357	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	232035	43.126	ng	97
68) Hexachlorobenzene	11.022	284	249367	42.375	ng	98
69) Atrazine	11.116	200	157358	43.027	ng	99
70) Pentachlorophenol	11.216	266	303622	81.539	ng	98
71) Phenanthrene	11.439	178	1085116	43.578	ng	99
72) Anthracene	11.492	178	1064220	43.784	ng	99
73) Carbazole	11.645	167	936390	43.665	ng	100
74) Di-n-butylphthalate	11.975	149	1084302	47.291	ng	100
75) Fluoranthene	12.622	202	1054510	43.016	ng	99
77) Benzidine	12.745	184	21648	4.249	ng	98
78) Pyrene	12.851	202	1043943	42.136	ng	100
80) Butylbenzylphthalate	13.469	149	308639	53.456	ng	99
81) Benzo(a)anthracene	14.039	228	773936	45.834	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	166993	37.664	ng	99
83) Chrysene	14.074	228	705132	44.863	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	318180	51.225	ng	100
85) Di-n-octyl phthalate	14.645	149	553913	47.148	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	794288	49.990	ng	100
88) Benzo(b)fluoranthene	15.092	252	656594	48.647	ng	99
89) Benzo(k)fluoranthene	15.121	252	636744	54.102	ng	99
90) Benzo(a)pyrene	15.463	252	610104	53.609	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	662832	50.130	ng	100
92) Benzo(g,h,i)perylene	17.457	276	624021	46.826	ng	99

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

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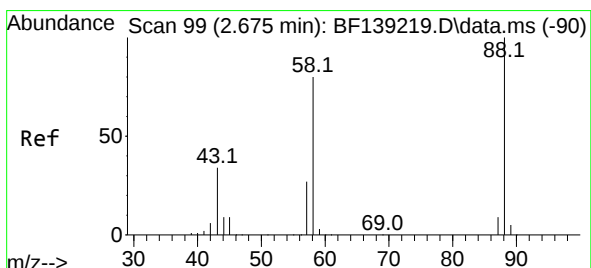
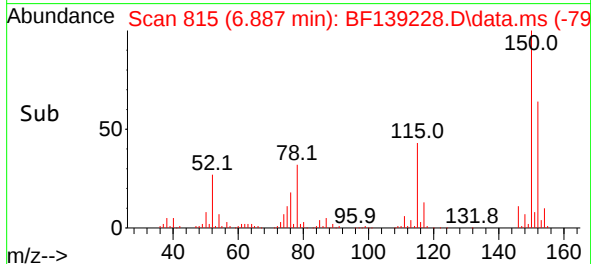
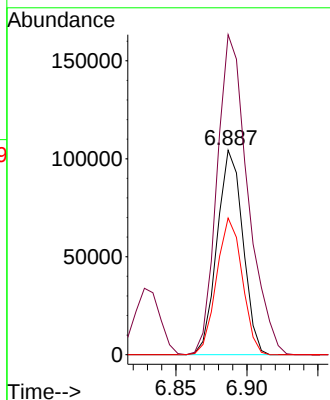
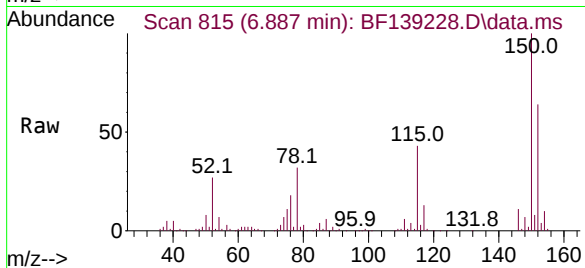




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: BF139228.D
 Acq: 03 Sep 2024 11:23

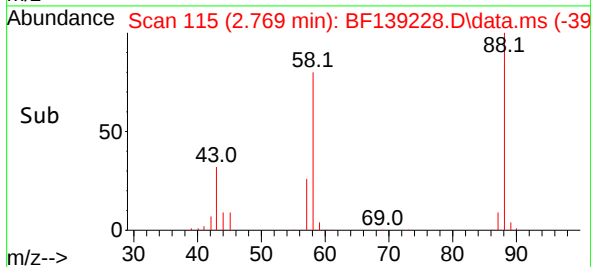
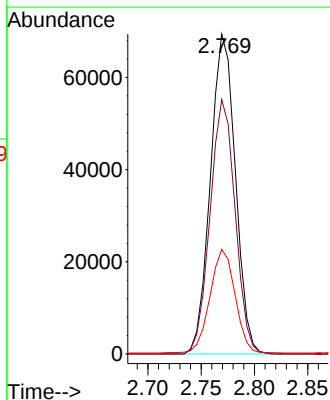
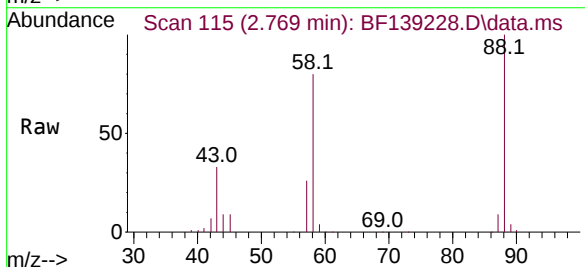
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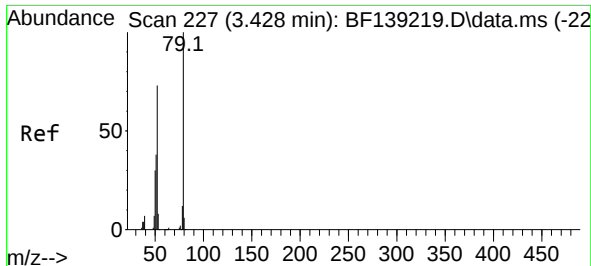
Tgt Ion:152 Resp: 131884
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.6 188.4
 115 66.9 54.2 81.4



#2
 1,4-Dioxane
 Concen: 31.424 ng
 RT: 2.769 min Scan# 115
 Delta R.T. 0.094 min
 Lab File: BF139228.D
 Acq: 03 Sep 2024 11:23

Tgt Ion: 88 Resp: 113072
 Ion Ratio Lower Upper
 88 100
 58 79.6 63.3 94.9
 43 32.6 27.1 40.7





#3

Pyridine

Concen: 31.356 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.082 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

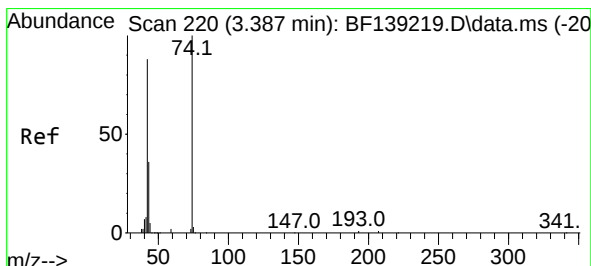
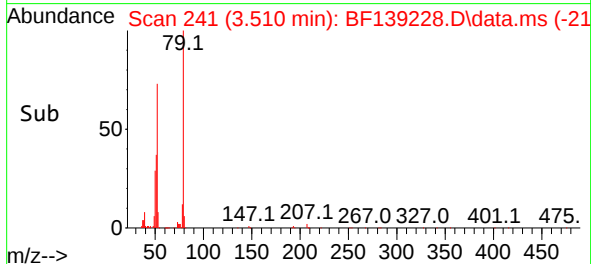
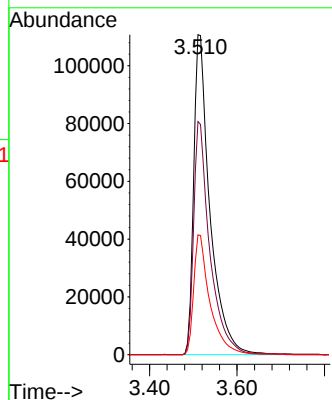
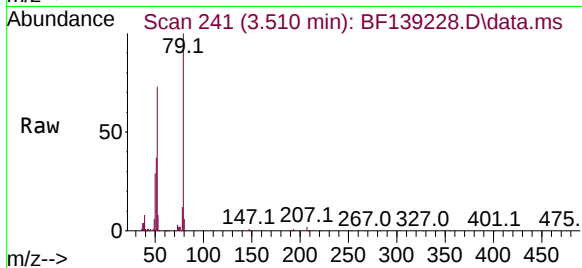
Tgt Ion: 79 Resp: 287017

Ion Ratio Lower Upper

79 100

52 72.9 58.6 87.8

51 37.5 30.6 46.0



#4

n-Nitrosodimethylamine

Concen: 45.817 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.088 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

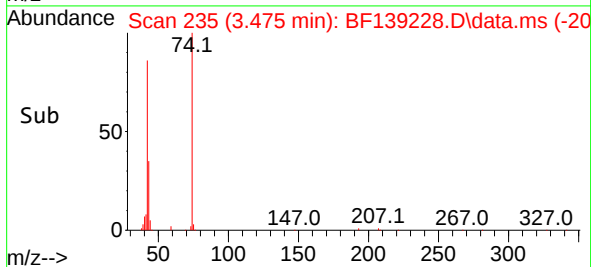
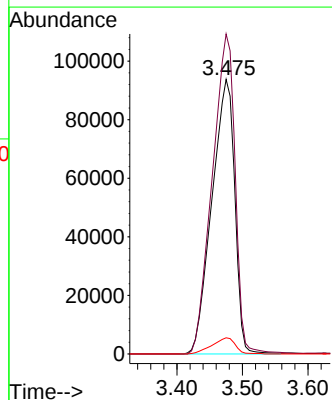
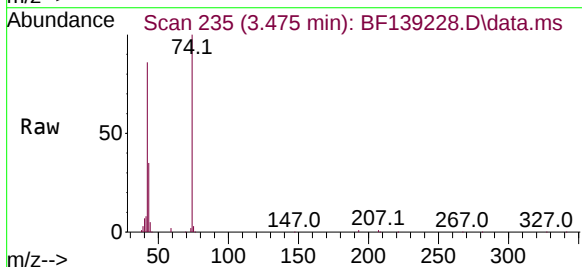
Tgt Ion: 42 Resp: 226667

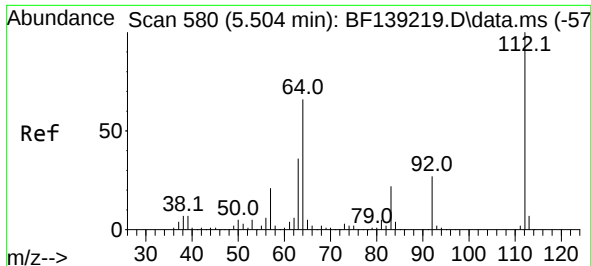
Ion Ratio Lower Upper

42 100

74 116.6 91.4 137.0

44 5.9 4.8 7.2

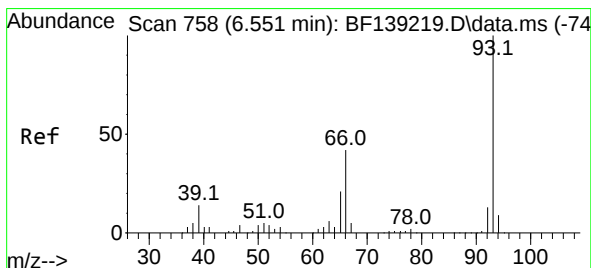
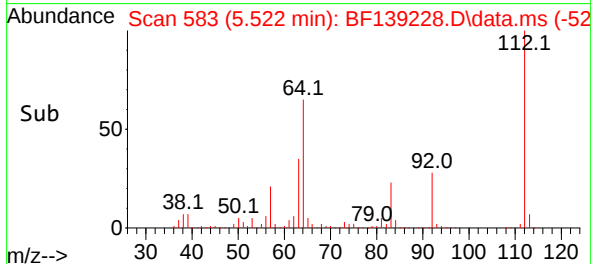
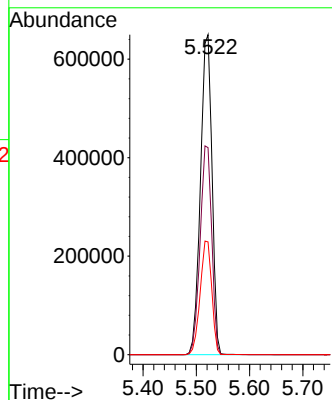
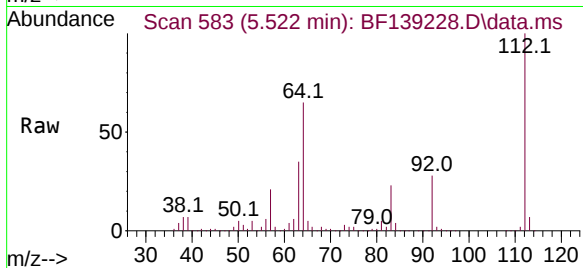




#5
2-Fluorophenol
Concen: 118.626 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

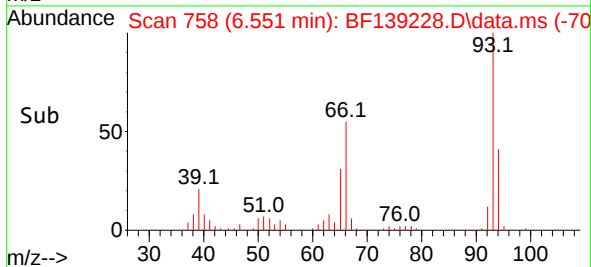
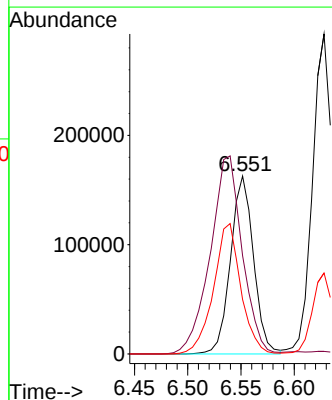
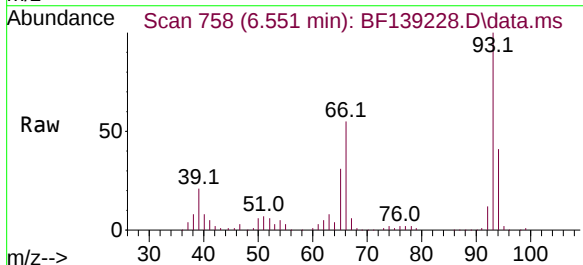
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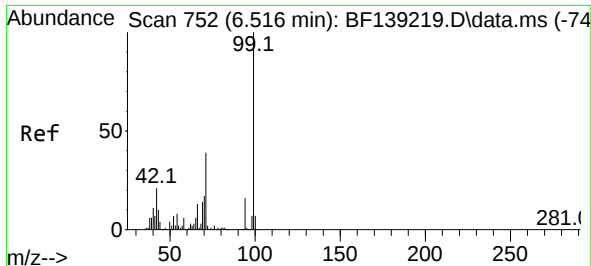
Tgt Ion:112 Resp: 975944
Ion Ratio Lower Upper
112 100
64 64.7 52.5 78.7
63 35.3 28.5 42.7



#6
Aniline
Concen: 24.360 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion: 93 Resp: 244880
Ion Ratio Lower Upper
93 100
66 55.3 34.2 51.4#
65 30.6 17.1 25.7#

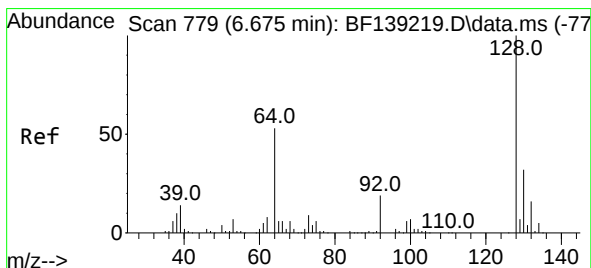
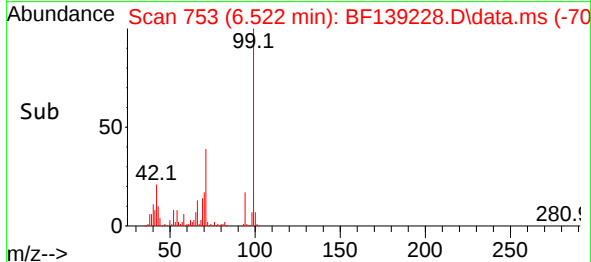
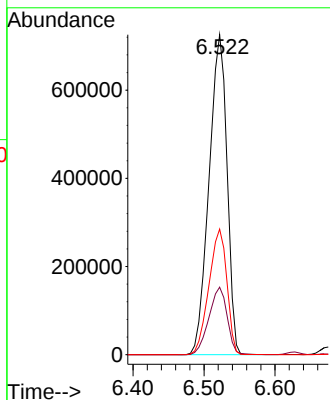
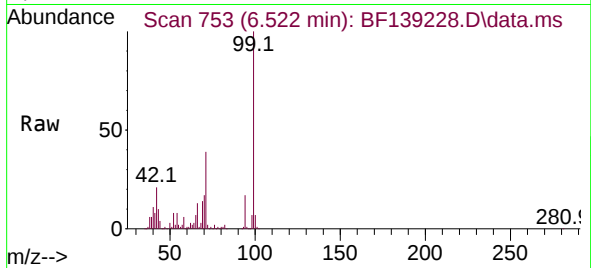




#7
Phenol-d6
Concen: 116.740 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

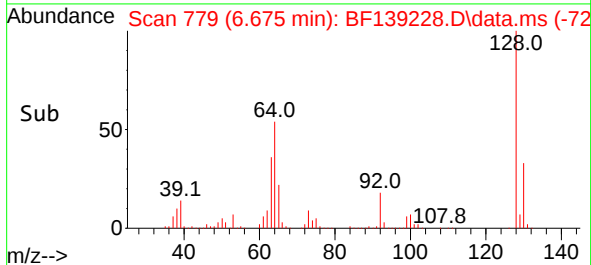
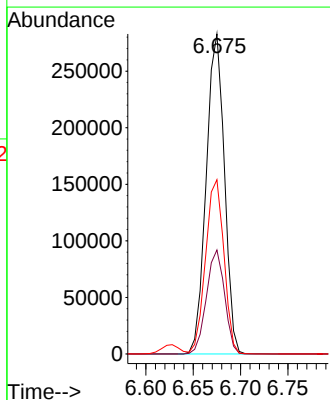
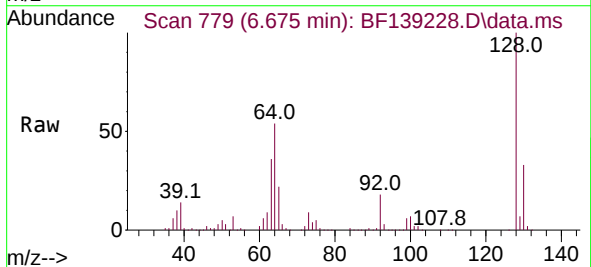
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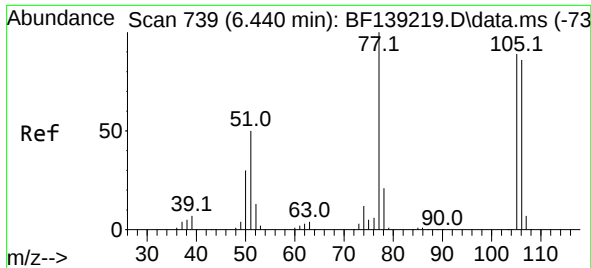
Tgt Ion: 99 Resp: 1274061
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 39.2 31.3 46.9



#8
2-Chlorophenol
Concen: 45.579 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:128 Resp: 376788
Ion Ratio Lower Upper
128 100
130 32.5 12.0 52.0
64 54.4 35.5 75.5





#9

Benzaldehyde

Concen: 9.178 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

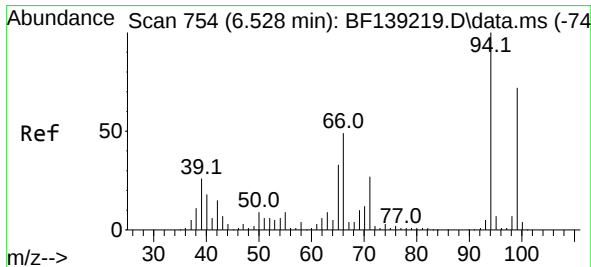
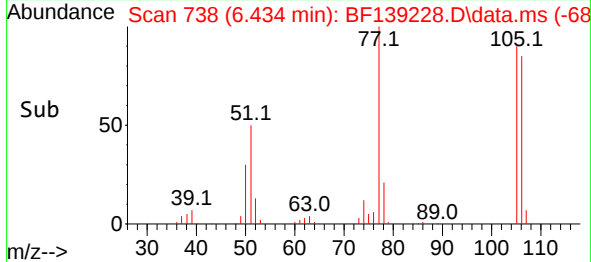
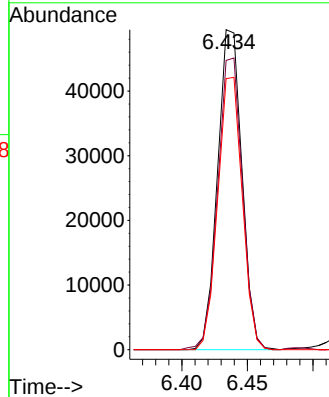
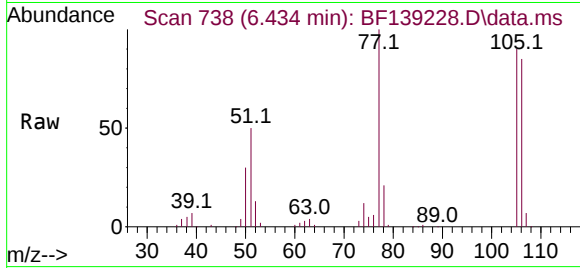
Tgt Ion: 77 Resp: 63875

Ion Ratio Lower Upper

77 100

105 90.4 69.3 109.3

106 84.7 65.8 105.8



#10

Phenol

Concen: 43.351 ng

RT: 6.540 min Scan# 756

Delta R.T. 0.012 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

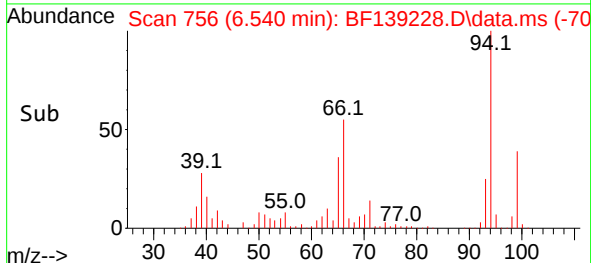
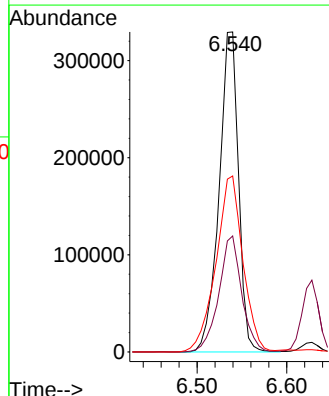
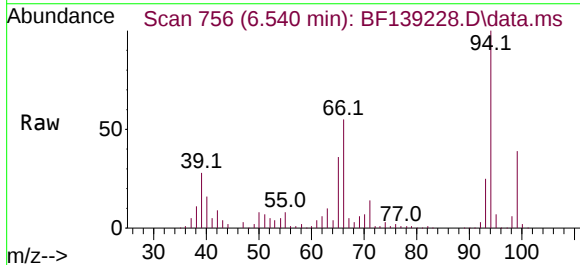
Tgt Ion: 94 Resp: 494704

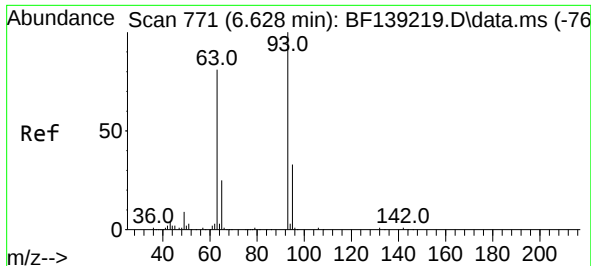
Ion Ratio Lower Upper

94 100

65 36.2 12.8 52.8

66 55.0 29.3 69.3

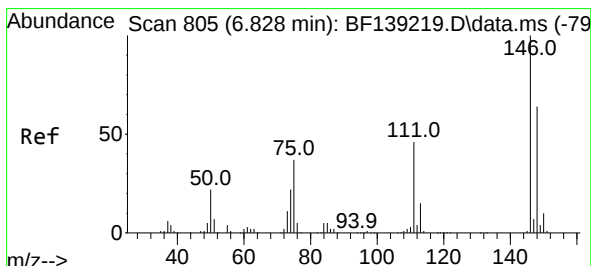
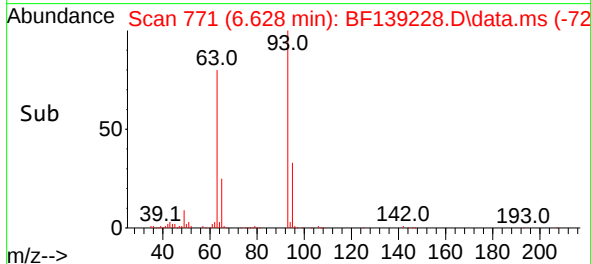
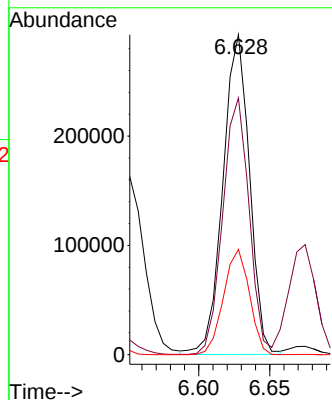
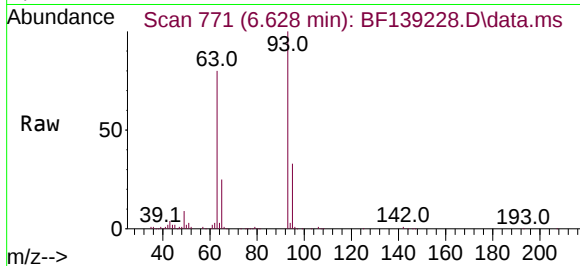




#11
bis(2-Chloroethyl)ether
Concen: 45.309 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

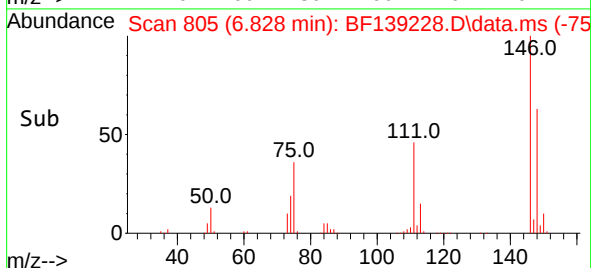
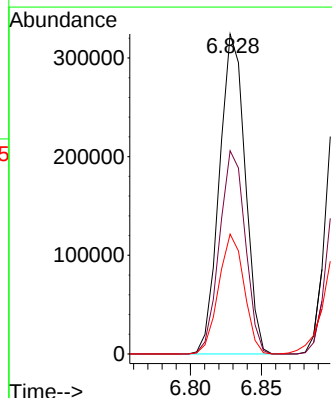
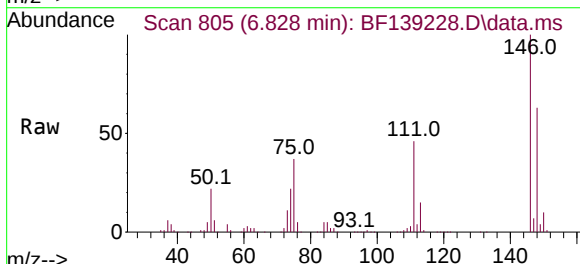
Instrument :
BNA_F
ClientSampleId :
PB163089BS

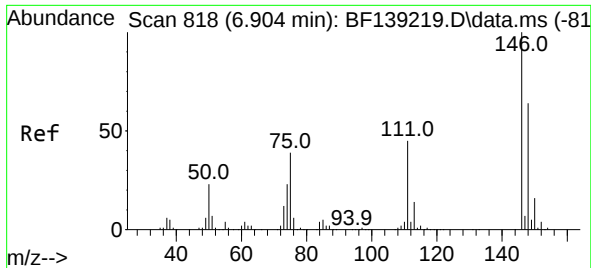
Tgt Ion: 93 Resp: 381357
Ion Ratio Lower Upper
93 100
63 80.3 60.8 100.8
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.690 ng
RT: 6.828 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:146 Resp: 407976
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
75 37.5 29.4 44.0

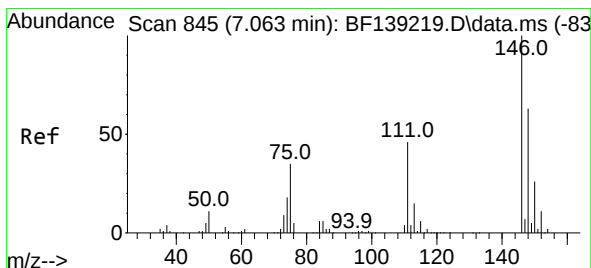
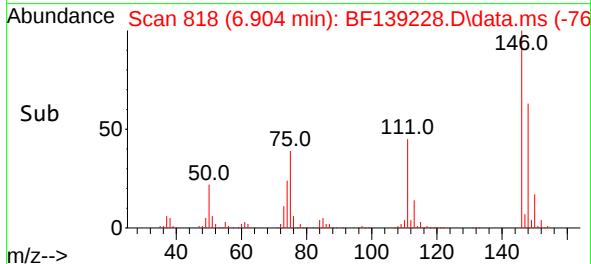
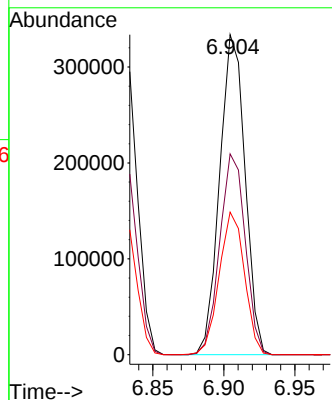
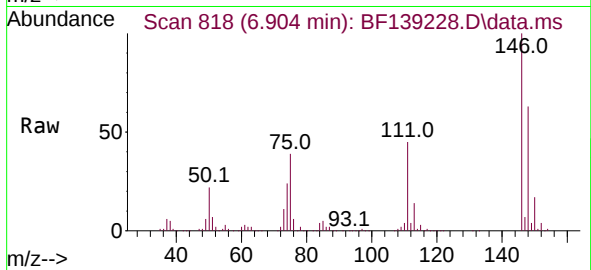




#13
1,4-Dichlorobenzene
Concen: 42.000 ng
RT: 6.904 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

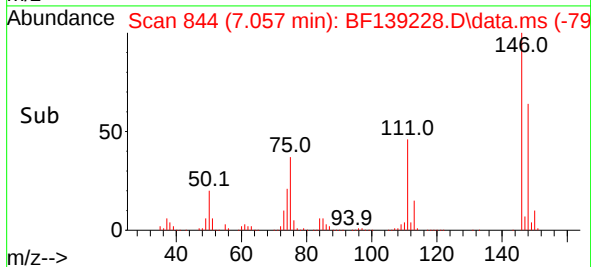
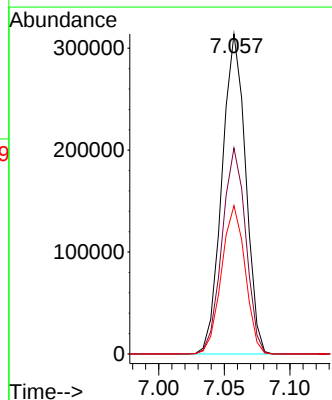
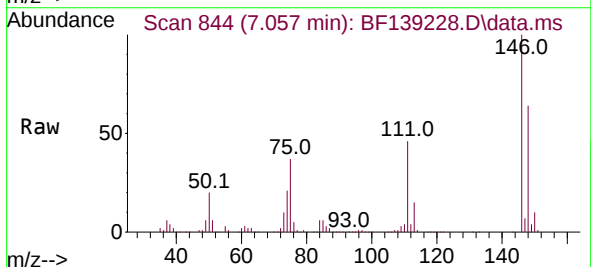
Instrument :
BNA_F
ClientSampleId :
PB163089BS

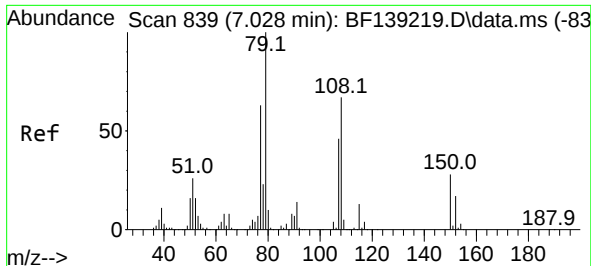
Tgt Ion:146 Resp: 415278
Ion Ratio Lower Upper
146 100
148 62.8 51.5 77.3
111 44.5 35.6 53.4



#14
1,2-Dichlorobenzene
Concen: 42.492 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:146 Resp: 393280
Ion Ratio Lower Upper
146 100
148 64.4 50.7 76.1
111 46.3 37.0 55.6

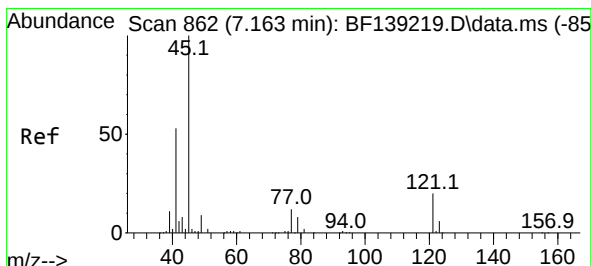
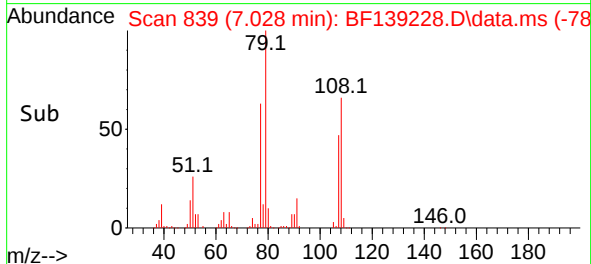
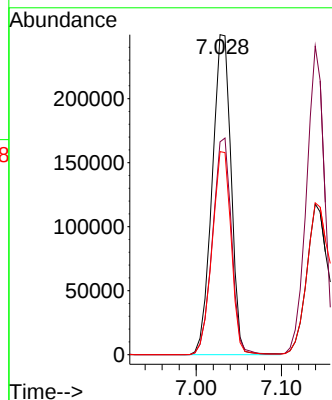
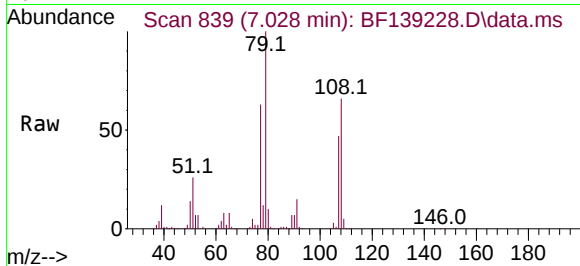




#15
Benzyl Alcohol
Concen: 45.425 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

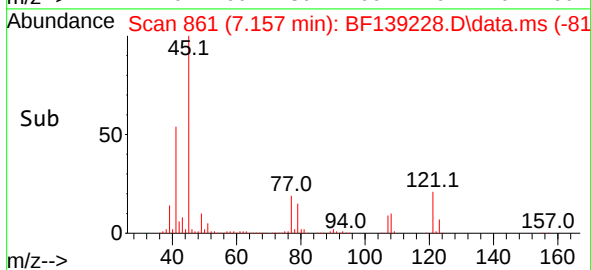
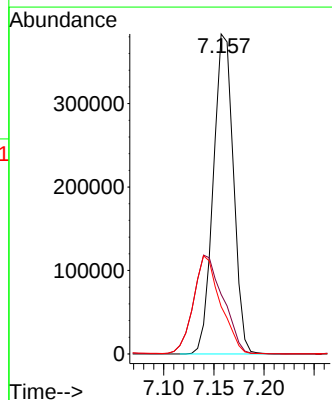
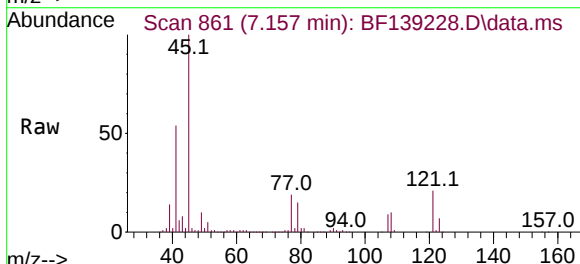
Instrument :
BNA_F
ClientSampleId :
PB163089BS

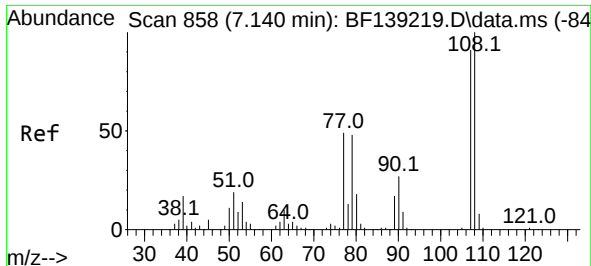
Tgt Ion: 79 Resp: 386080
Ion Ratio Lower Upper
79 100
108 66.5 53.4 80.2
77 63.4 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.706 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion: 45 Resp: 534488
Ion Ratio Lower Upper
45 100
77 18.6 0.0 34.7
79 14.8 0.0 31.0

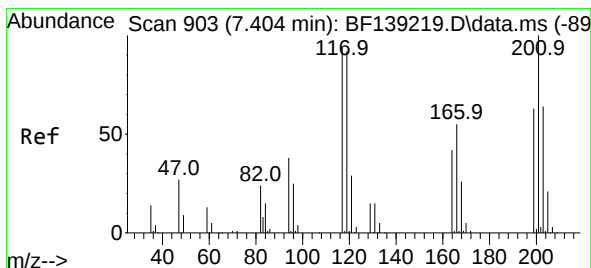
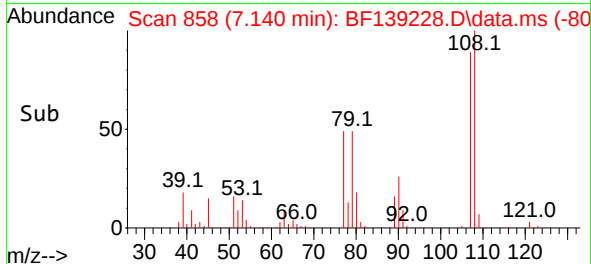
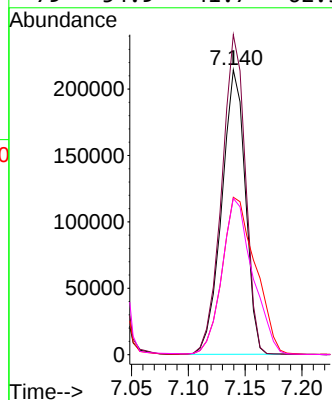
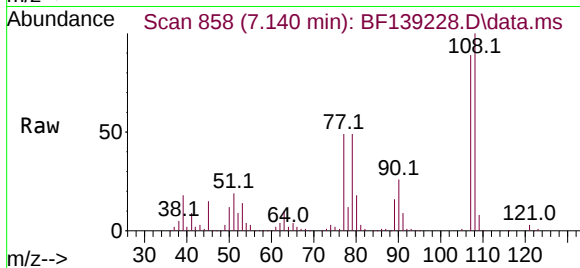




#17
2-Methylphenol
Concen: 44.385 ng
RT: 7.140 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

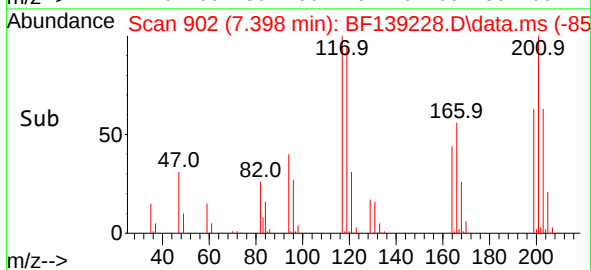
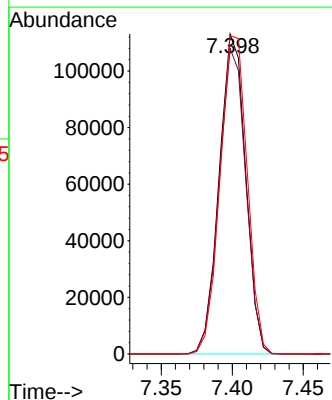
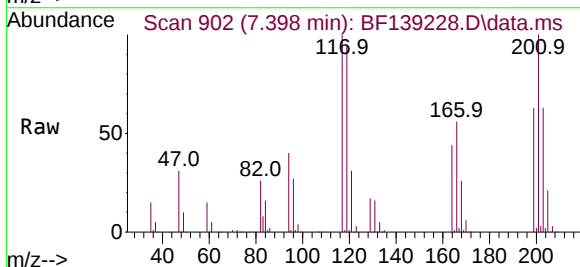
Instrument :
BNA_F
ClientSampleId :
PB163089BS

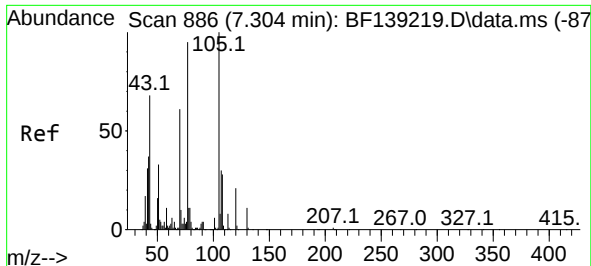
Tgt Ion:	107	Resp:	309836
Ion	Ratio	Lower	Upper
107	100		
108	112.4	87.6	131.4
77	55.3	43.2	64.8
79	54.9	41.7	62.5



#18
Hexachloroethane
Concen: 42.735 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:	117	Resp:	146345
Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.3	117.5
201	99.5	85.4	128.0



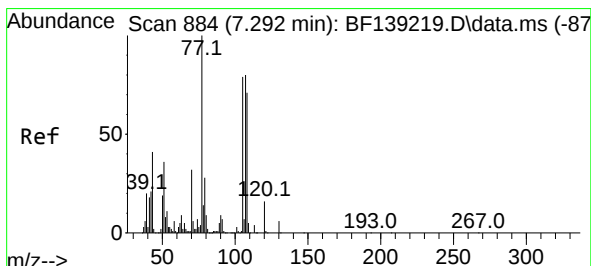
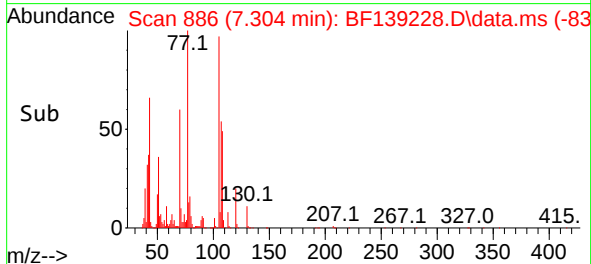
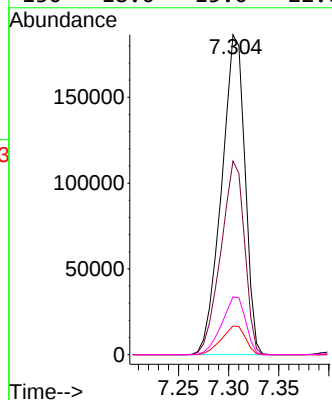
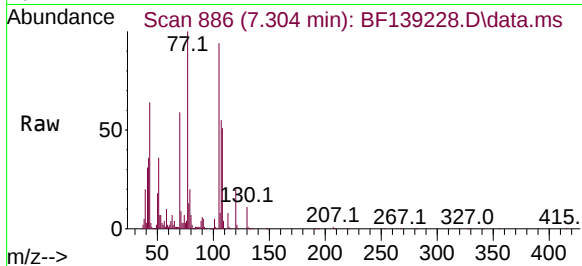


#19
n-Nitroso-di-n-propylamine
Concen: 44.519 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB163089BS

Tgt Ion: 70 Resp: 302317

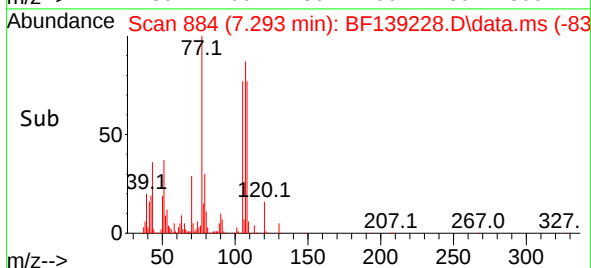
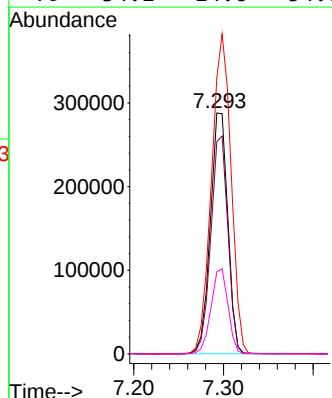
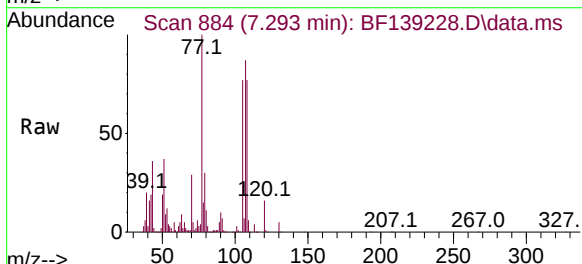
Ion	Ratio	Lower	Upper
70	100		
42	60.5	49.0	73.4
101	9.0	7.6	11.4
130	18.0	15.0	22.6

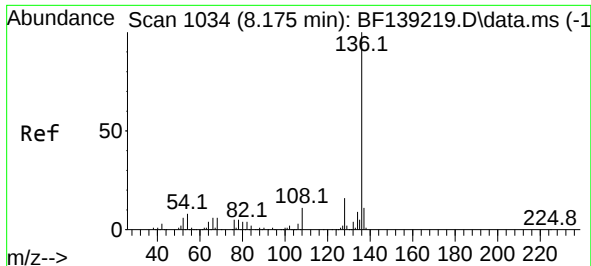


#20
3+4-Methylphenols
Concen: 42.931 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion: 107 Resp: 388401

Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.2	109.2
77	114.7	105.6	145.6
79	34.1	14.6	54.6



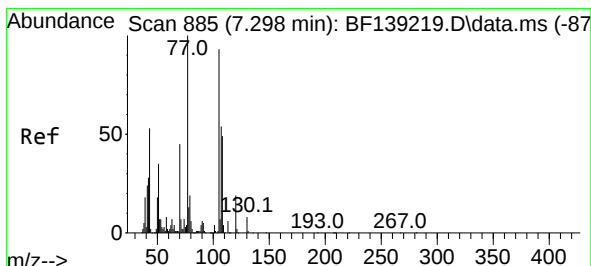
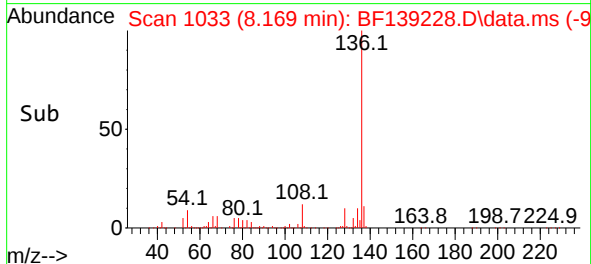
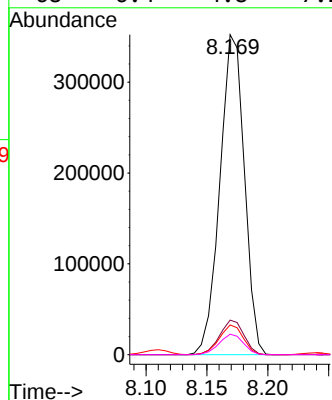
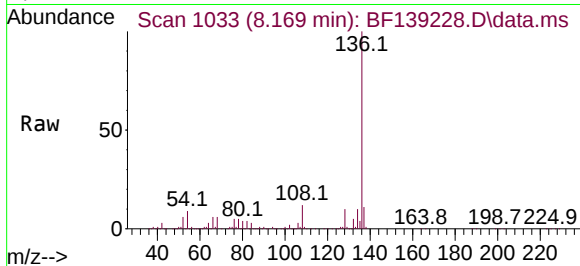


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB163089BS

Tgt Ion:136 Resp: 492919

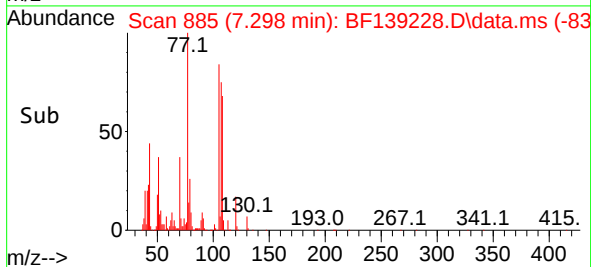
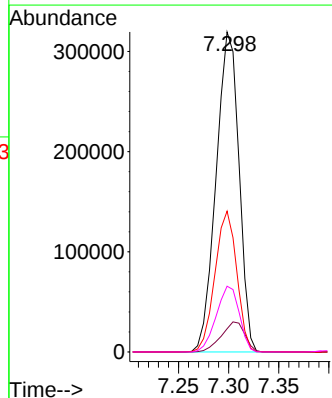
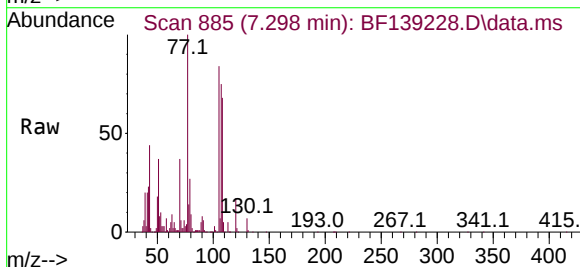
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.3	6.9	10.3
68	6.4	4.8	7.2

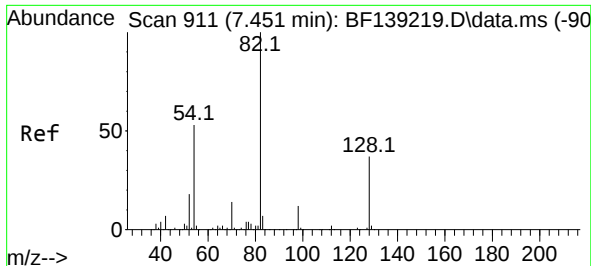


#22
Acetophenone
Concen: 40.343 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:105 Resp: 505897

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.5	9.7
51	44.0	30.7	46.1
120	20.5	16.7	25.1





#23

Nitrobenzene-d5

Concen: 82.717 ng

RT: 7.457 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

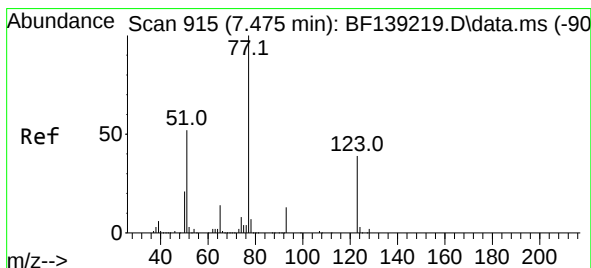
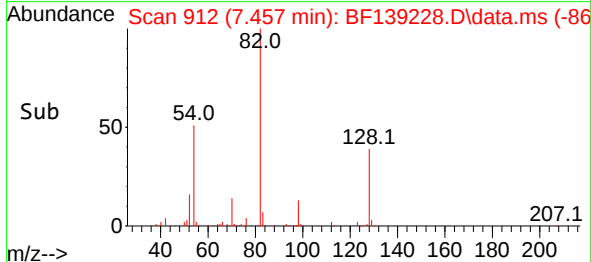
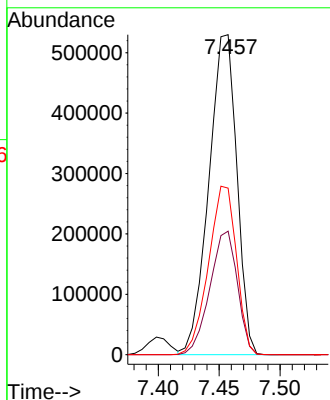
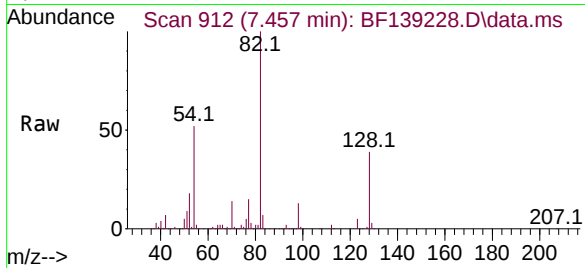
Tgt Ion: 82 Resp: 848187

Ion Ratio Lower Upper

82 100

128 38.6 29.4 44.2

54 52.0 42.4 63.6



#24

Nitrobenzene

Concen: 42.410 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

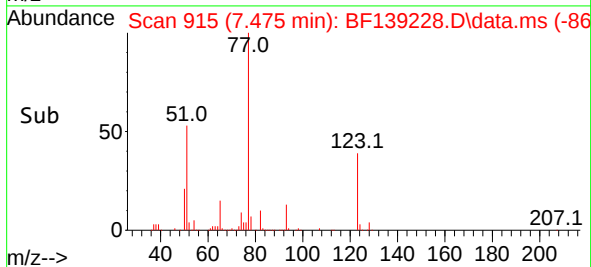
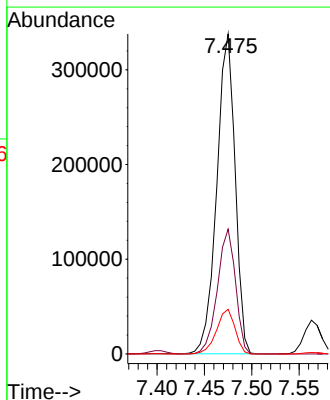
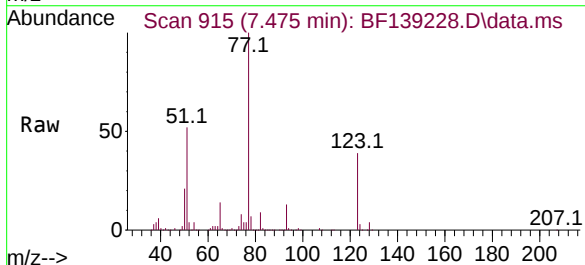
Tgt Ion: 77 Resp: 454789

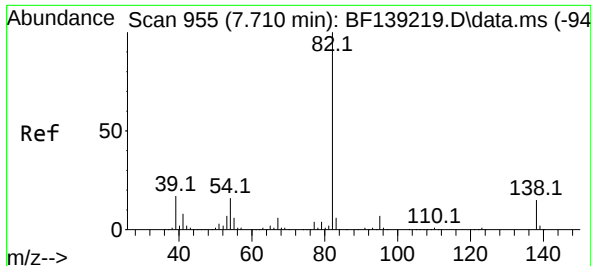
Ion Ratio Lower Upper

77 100

123 39.0 32.0 48.0

65 13.9 11.1 16.7

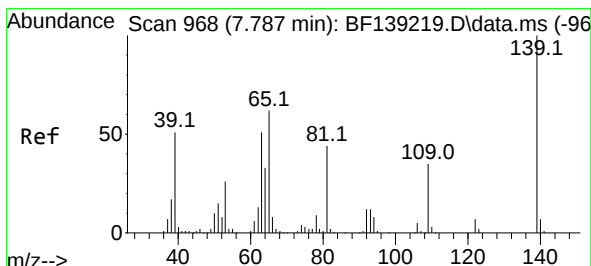
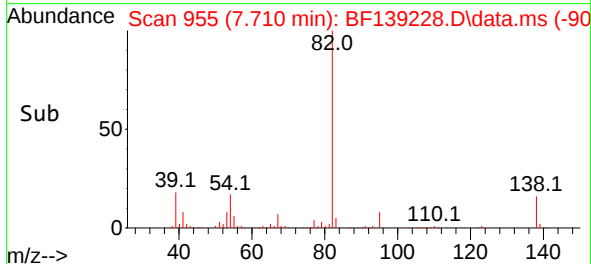
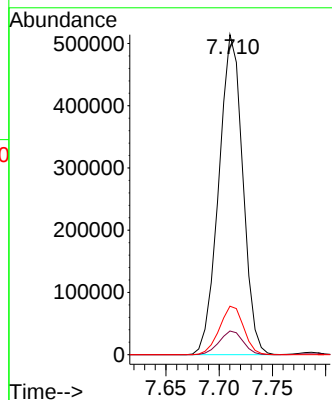
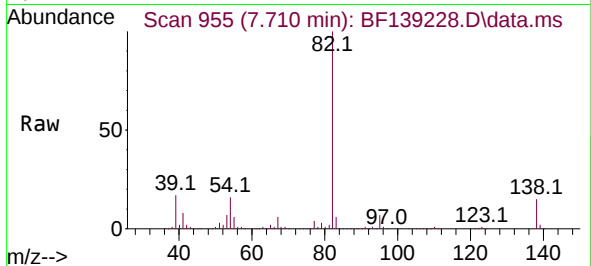




#25
Isophorone
Concen: 45.260 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

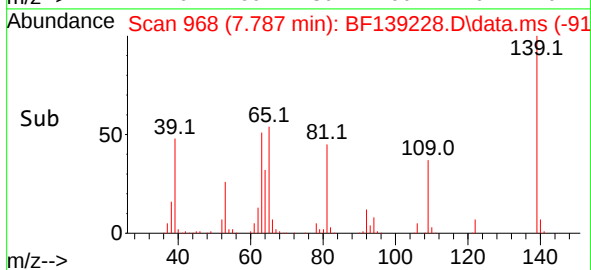
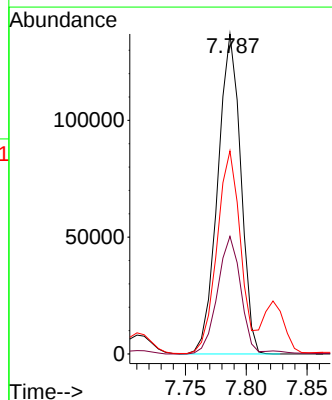
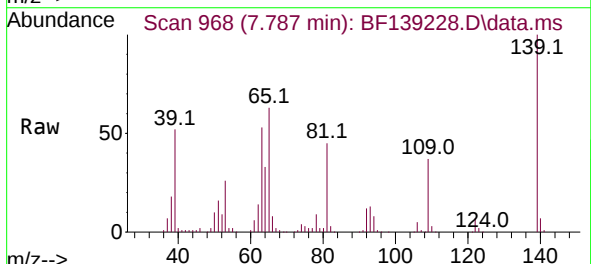
Instrument :
BNA_F
ClientSampleId :
PB163089BS

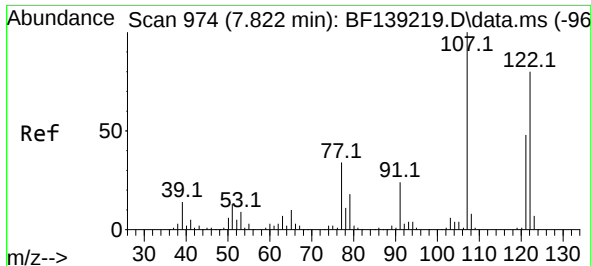
Tgt Ion: 82 Resp: 804356
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 15.1 12.3 18.5



#26
2-Nitrophenol
Concen: 46.941 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:139 Resp: 180196
Ion Ratio Lower Upper
139 100
109 36.7 28.2 42.2
65 63.4 49.6 74.4





#27

2,4-Dimethylphenol

Concen: 47.358 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

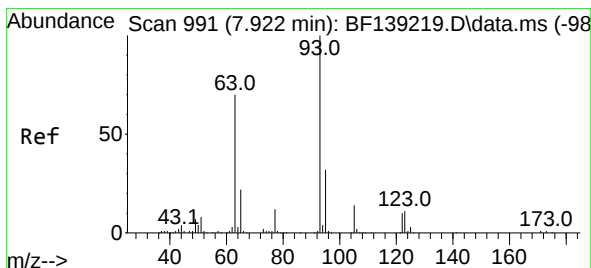
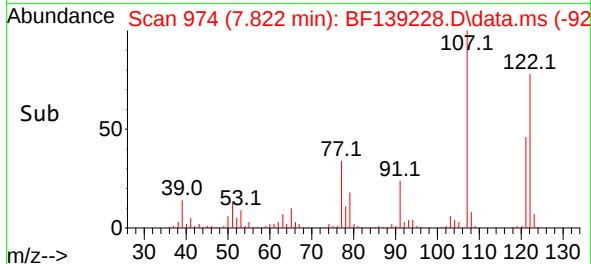
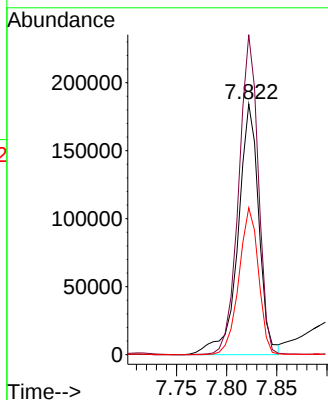
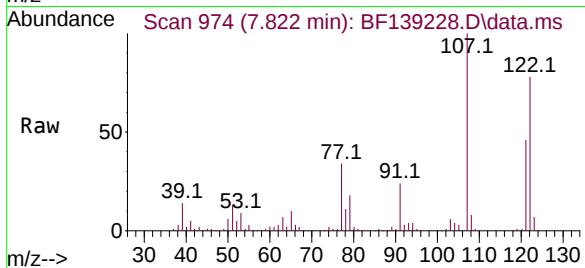
Tgt Ion:122 Resp: 266729

Ion Ratio Lower Upper

122 100

107 127.6 99.8 149.8

121 58.6 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.181 ng

RT: 7.922 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

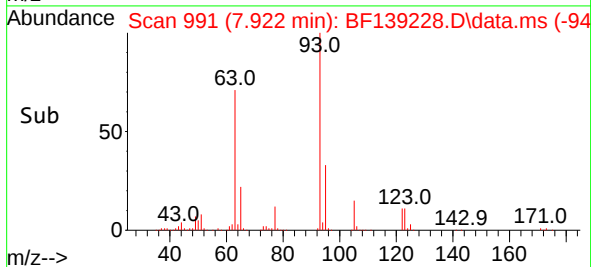
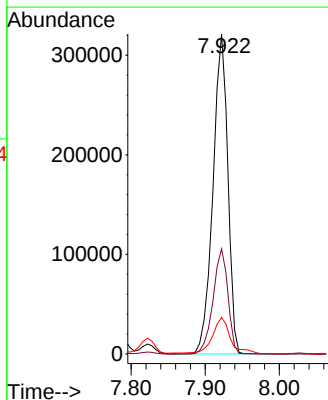
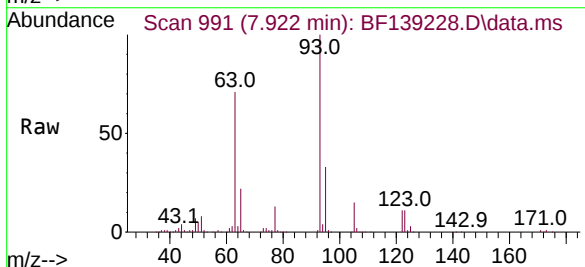
Tgt Ion: 93 Resp: 446811

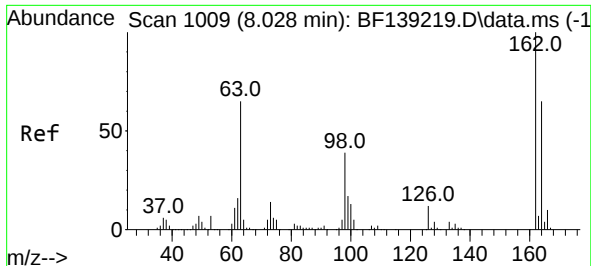
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.840 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

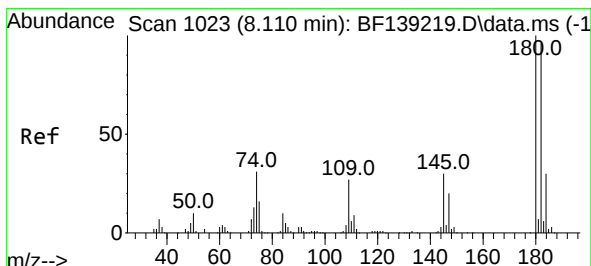
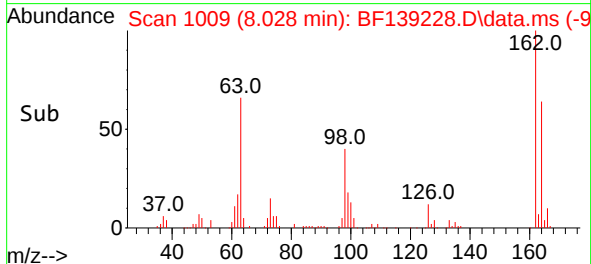
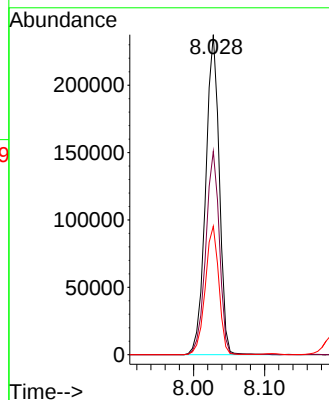
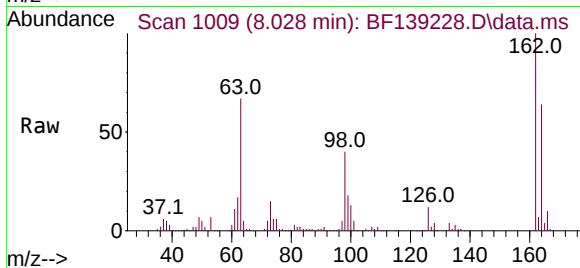
Tgt Ion:162 Resp: 317619

Ion Ratio Lower Upper

162 100

164 63.5 45.3 85.3

98 40.2 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 41.989 ng

RT: 8.110 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

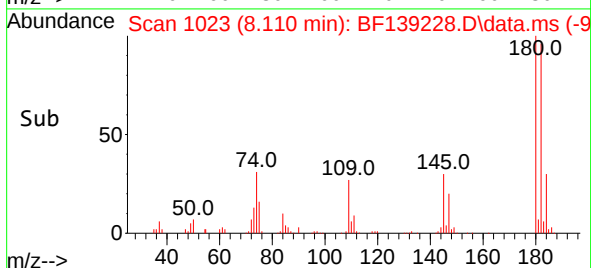
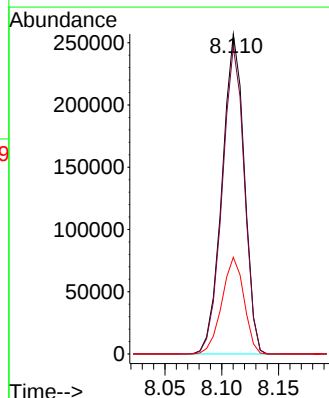
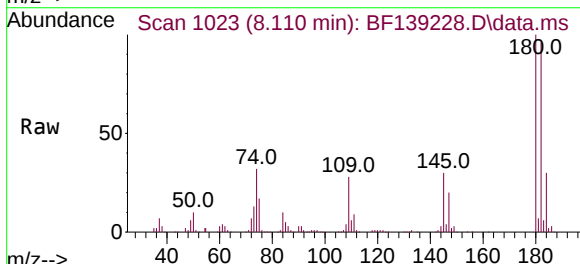
Tgt Ion:180 Resp: 349104

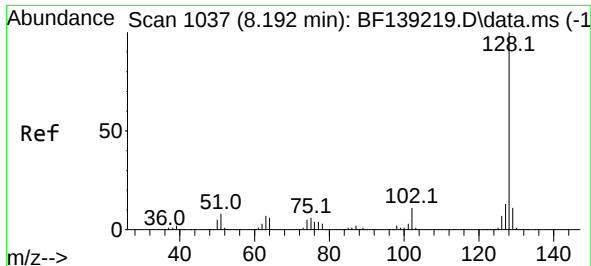
Ion Ratio Lower Upper

180 100

182 96.0 76.5 114.7

145 30.2 24.2 36.2

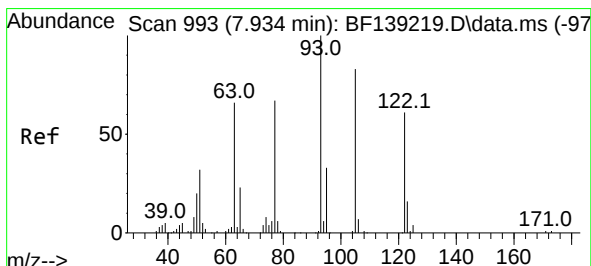
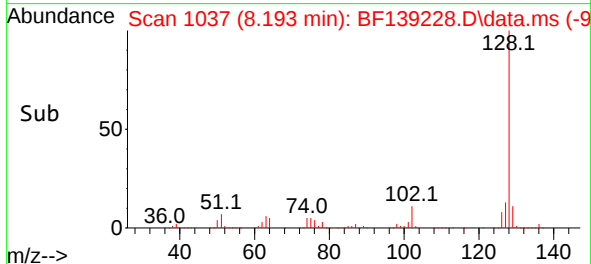
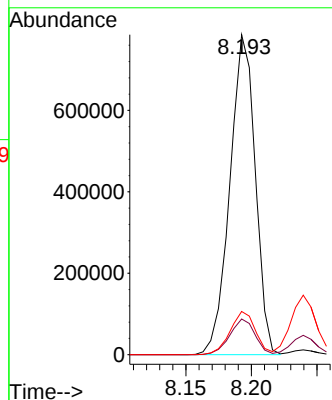
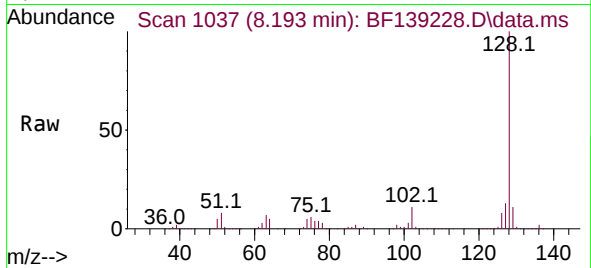




#31
Naphthalene
Concen: 41.983 ng
RT: 8.193 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

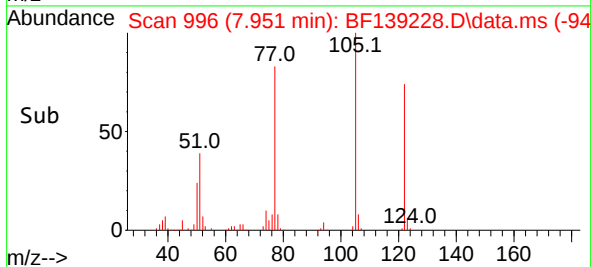
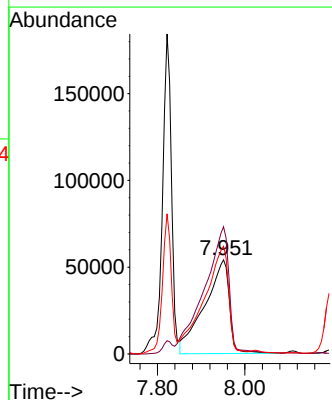
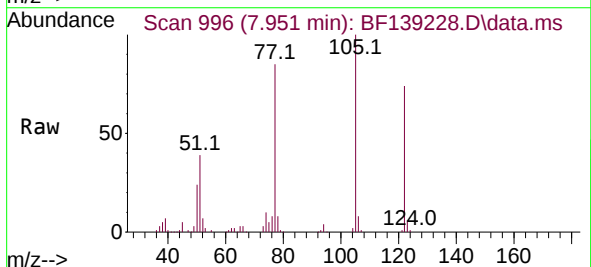
Instrument :
BNA_F
ClientSampleId :
PB163089BS

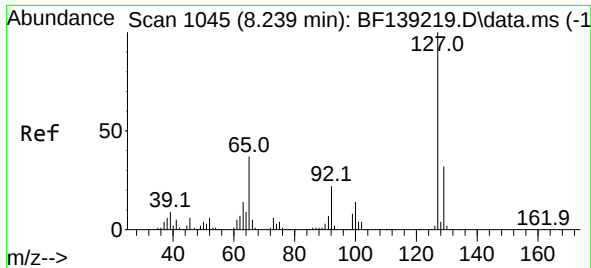
Tgt Ion:128 Resp: 1061119
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 42.025 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.017 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:122 Resp: 210253
Ion Ratio Lower Upper
122 100
105 135.2 115.3 155.3
77 114.4 91.0 131.0

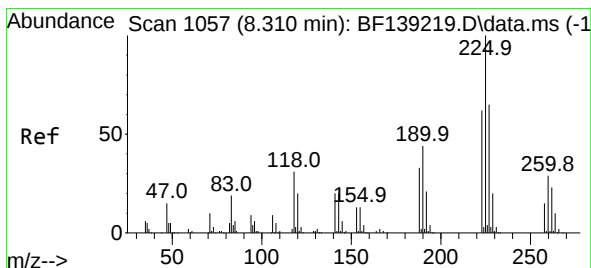
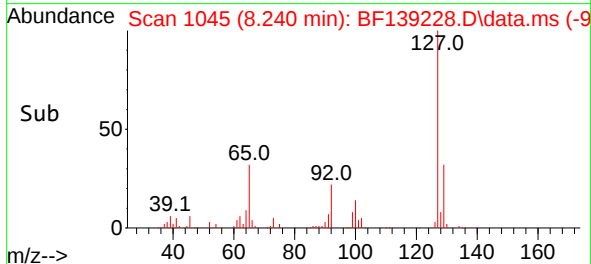
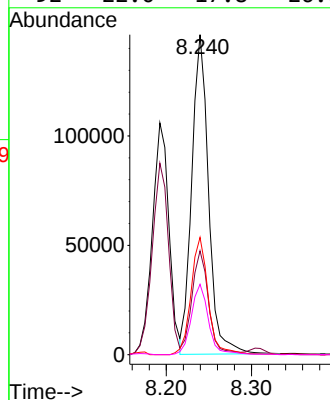
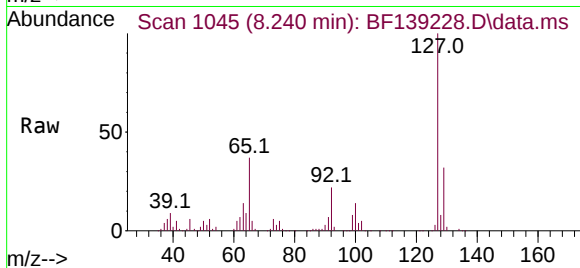




#33
4-Chloroaniline
Concen: 23.050 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

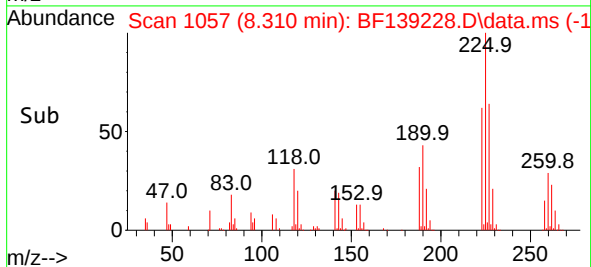
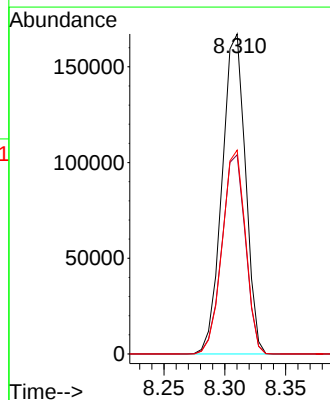
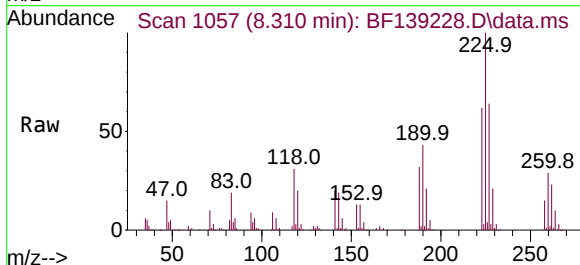
Instrument :
BNA_F
ClientSampleId :
PB163089BS

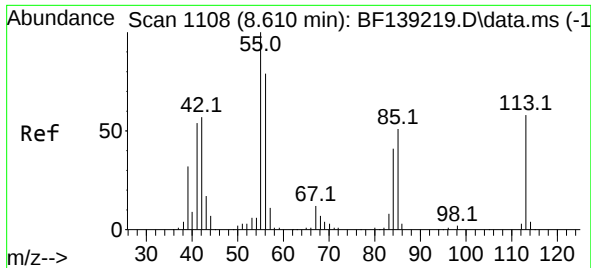
Tgt Ion:	127	Resp:	199705
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.5	38.3
65	36.6	29.3	43.9
92	22.0	17.8	26.6



#34
Hexachlorobutadiene
Concen: 40.796 ng
RT: 8.310 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:	225	Resp:	223584
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.0
227	63.7	51.7	77.5

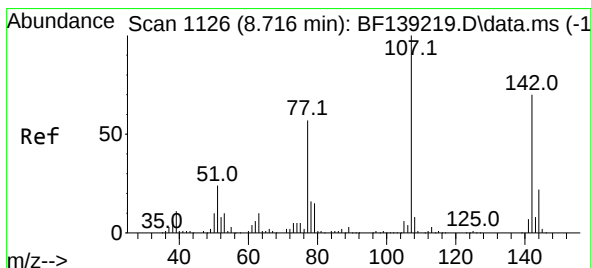
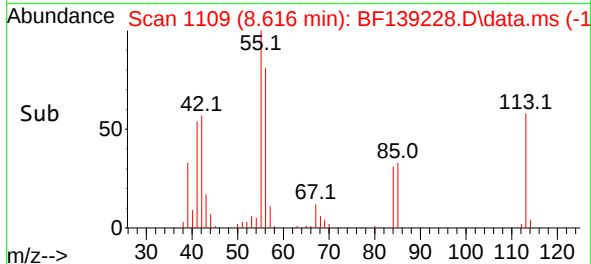
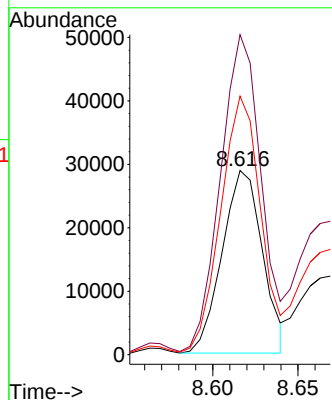
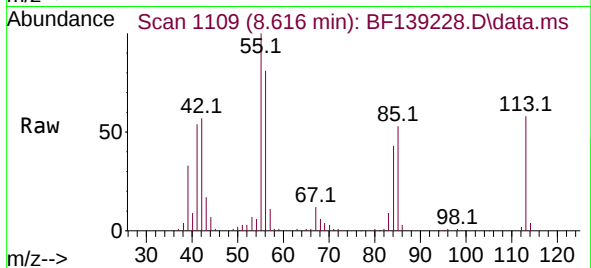




#35
Caprolactam
Concen: 21.987 ng
RT: 8.616 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

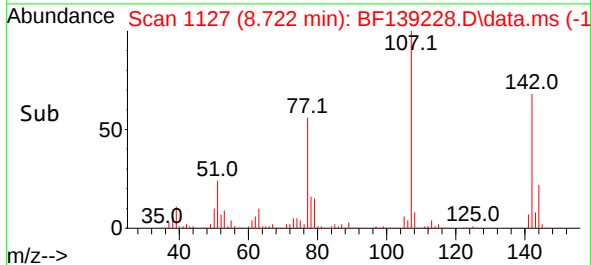
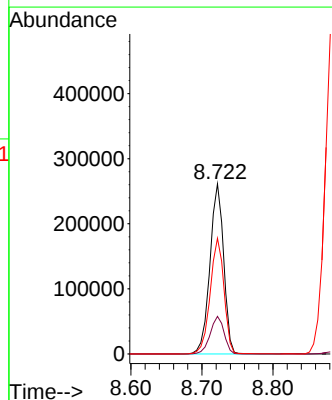
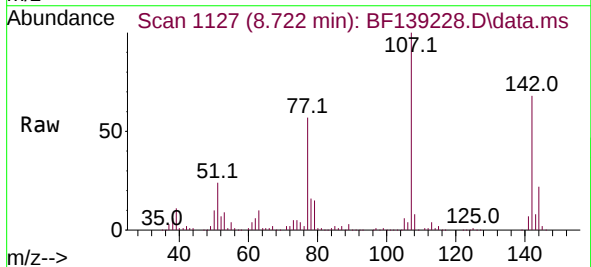
Instrument :
BNA_F
ClientSampleId :
PB163089BS

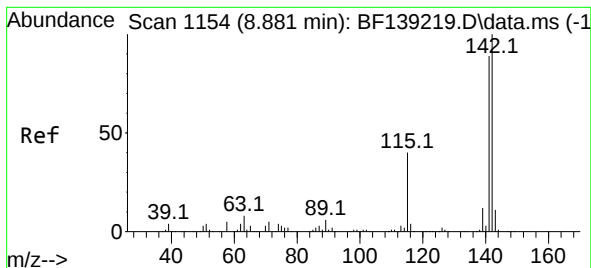
Tgt Ion:113 Resp: 47454
Ion Ratio Lower Upper
113 100
55 173.7 153.2 193.2
56 140.3 116.8 156.8



#36
4-Chloro-3-methylphenol
Concen: 44.261 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:107 Resp: 352023
Ion Ratio Lower Upper
107 100
144 22.1 17.8 26.8
142 68.0 55.8 83.8





#37

2-Methylnaphthalene

Concen: 42.769 ng

RT: 8.887 min Scan# 1154

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

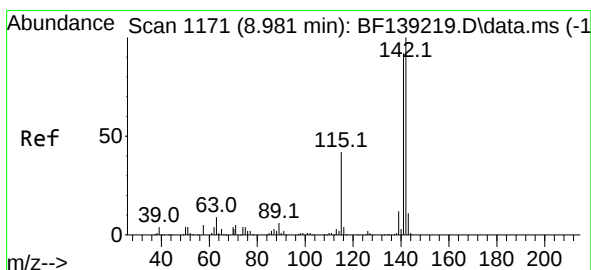
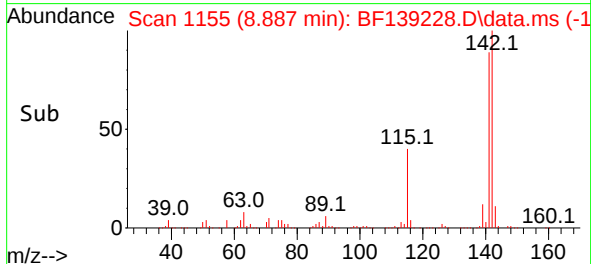
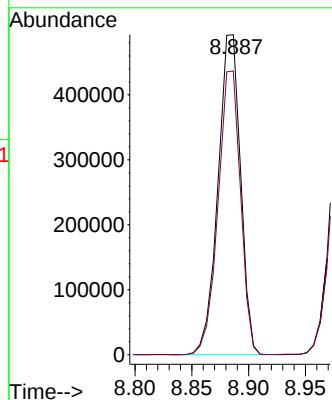
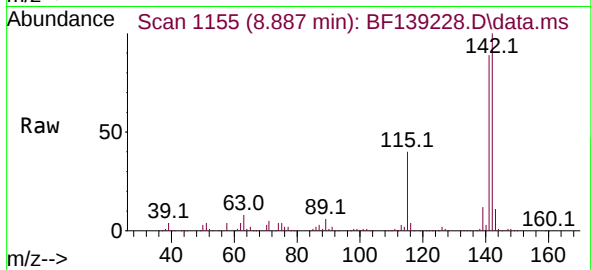
PB163089BS

Tgt Ion:142 Resp: 681071

Ion Ratio Lower Upper

142 100

141 88.6 70.9 106.3



#38

1-Methylnaphthalene

Concen: 40.216 ng

RT: 8.981 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF139228.D

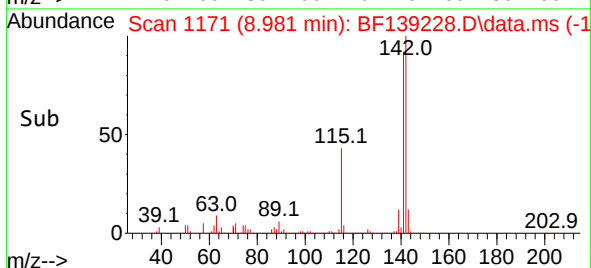
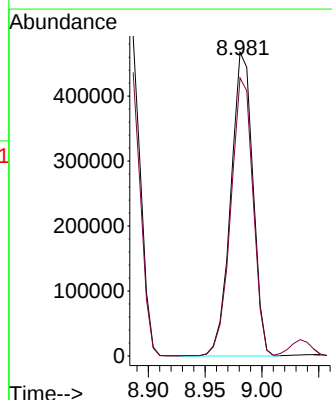
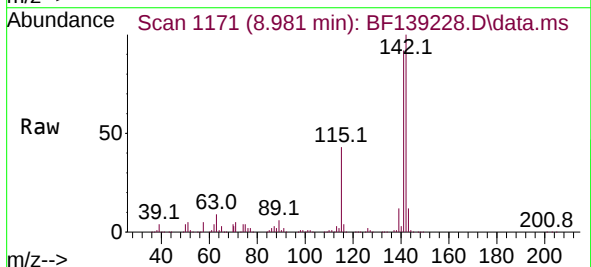
Acq: 03 Sep 2024 11:23

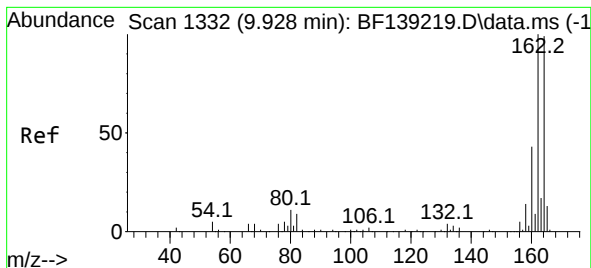
Tgt Ion:142 Resp: 631600

Ion Ratio Lower Upper

142 100

141 91.6 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: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

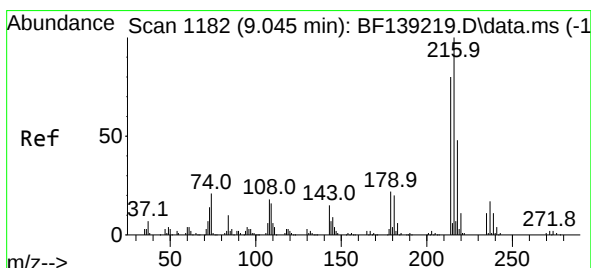
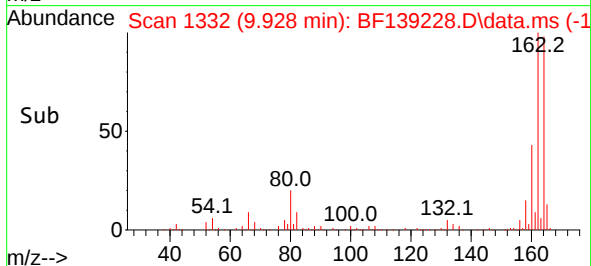
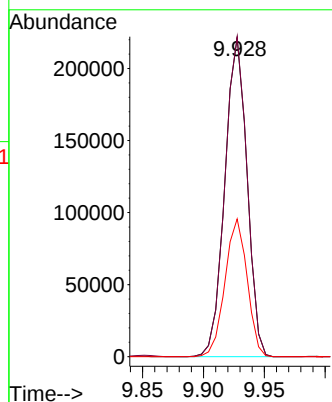
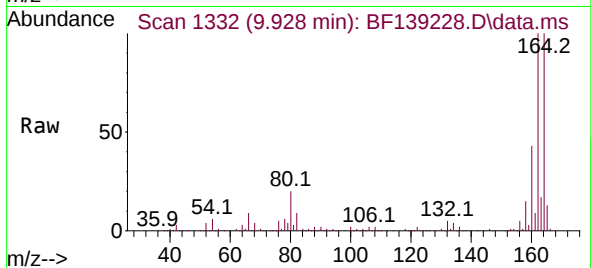
Tgt Ion:164 Resp: 281284

Ion Ratio Lower Upper

164 100

162 100.4 80.8 121.2

160 43.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.581 ng

RT: 9.045 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Tgt Ion:216 Resp: 322532

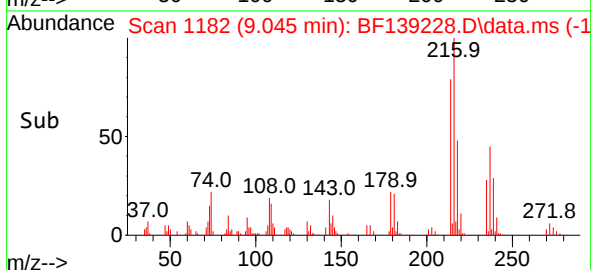
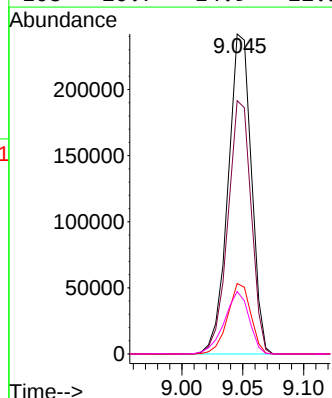
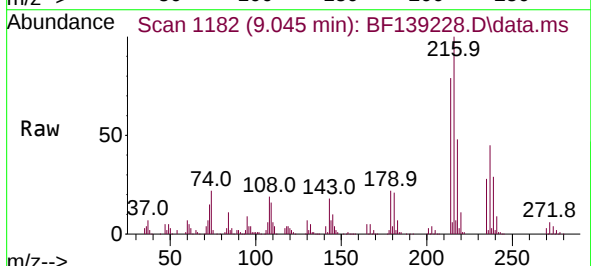
Ion Ratio Lower Upper

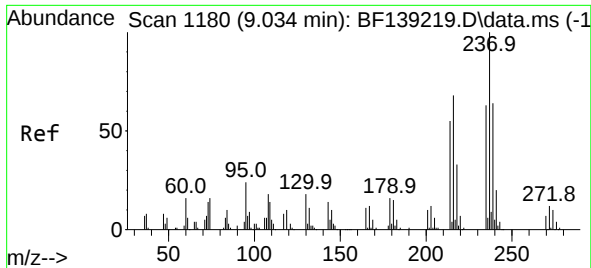
216 100

214 78.9 63.6 95.4

179 21.8 17.1 25.7

108 20.7 14.9 22.3

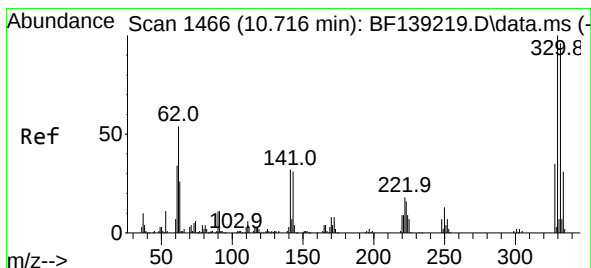
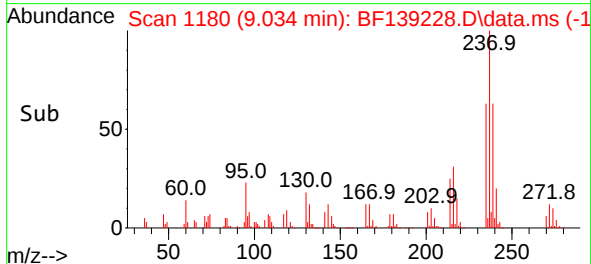
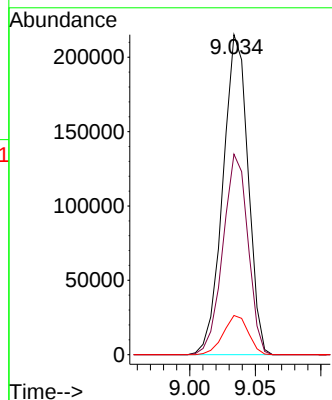
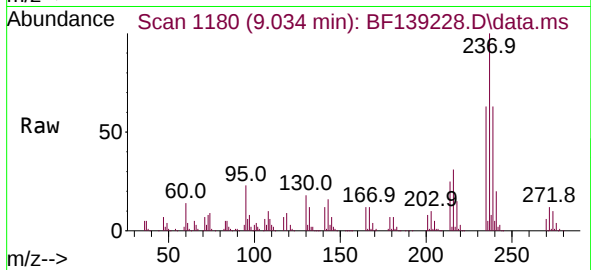




#41
Hexachlorocyclopentadiene
Concen: 97.926 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

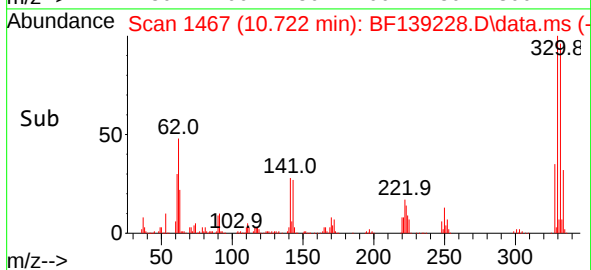
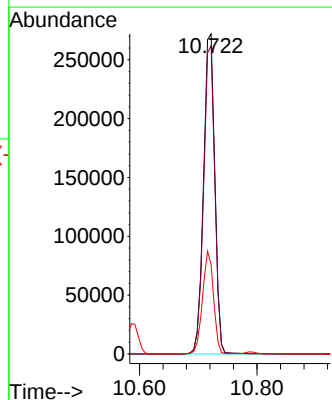
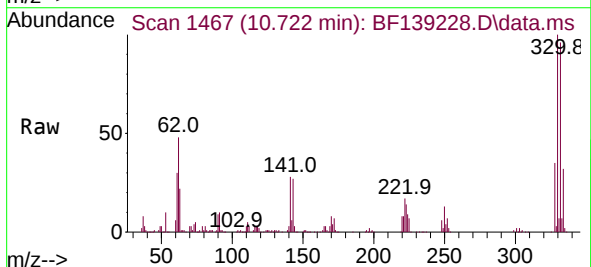
Instrument :
BNA_F
ClientSampleId :
PB163089BS

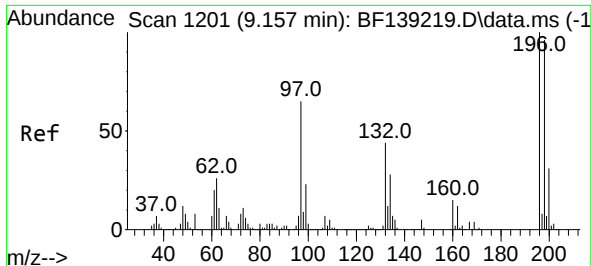
Tgt Ion:237 Resp: 286735
Ion Ratio Lower Upper
237 100
235 62.6 43.2 83.2
272 12.2 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 128.830 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:330 Resp: 363497
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 31.3 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 44.450 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

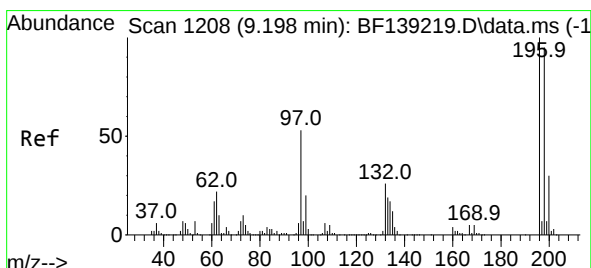
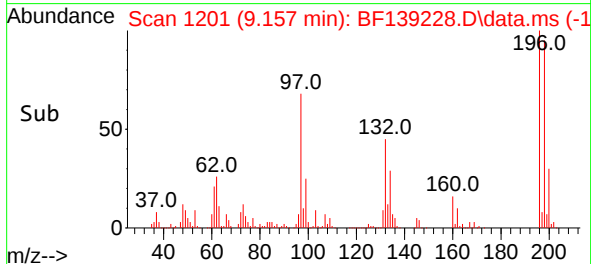
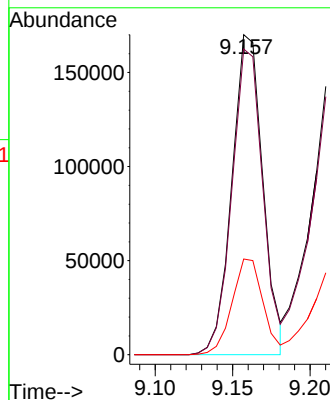
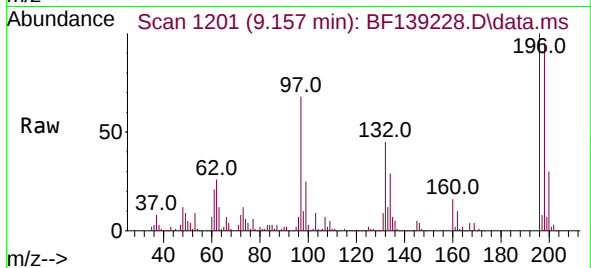
Tgt Ion:196 Resp: 236362

Ion Ratio Lower Upper

196 100

198 95.5 76.6 115.0

200 29.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 41.576 ng

RT: 9.216 min Scan# 1211

Delta R.T. 0.018 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Tgt Ion:196 Resp: 237925

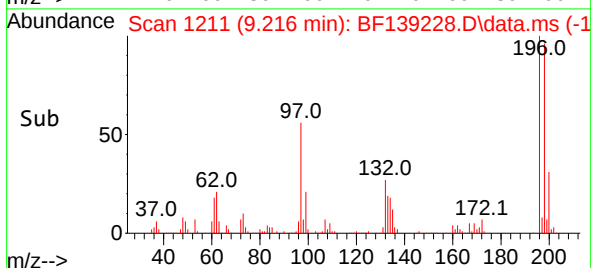
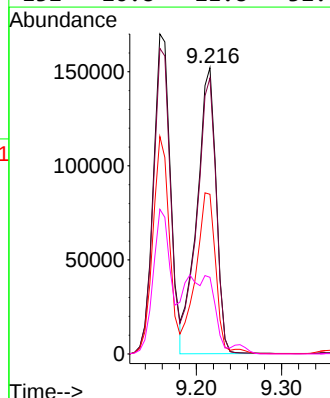
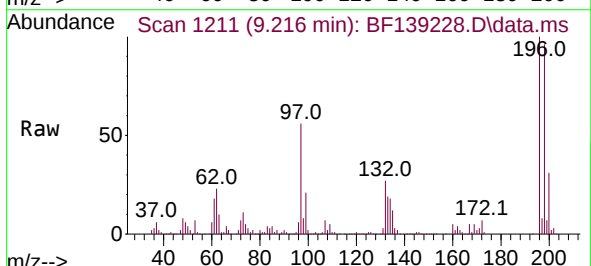
Ion Ratio Lower Upper

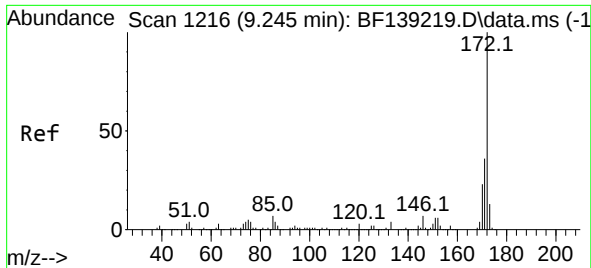
196 100

198 96.4 76.2 114.4

97 55.8 43.0 64.4

132 26.8 21.8 32.6

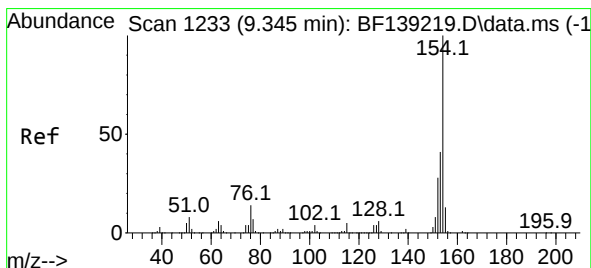
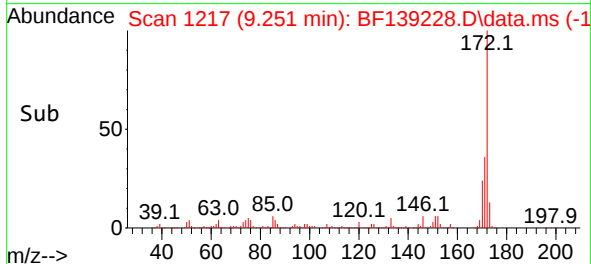
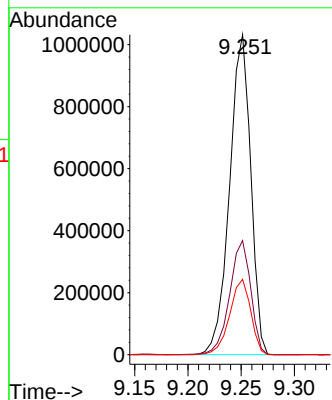
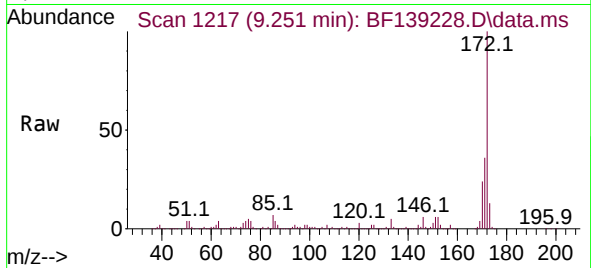




#45
2-Fluorobiphenyl
Concen: 78.690 ng
RT: 9.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

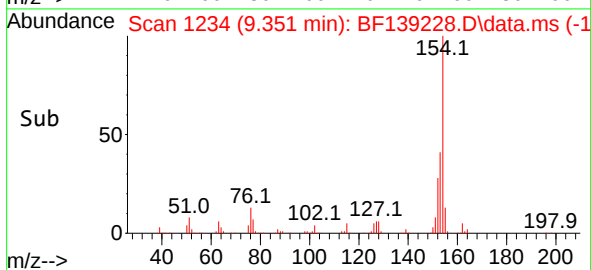
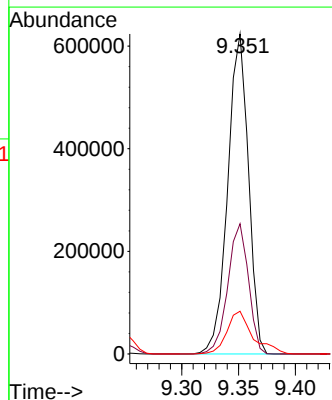
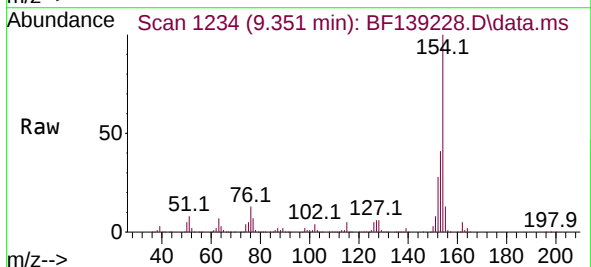
Instrument :
BNA_F
ClientSampleId :
PB163089BS

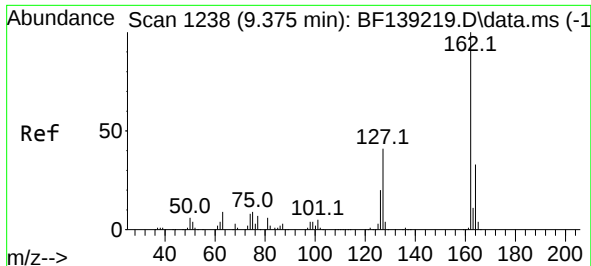
Tgt Ion:172 Resp: 1421563
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.6 18.7 28.1



#46
1,1'-Biphenyl
Concen: 39.169 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:154 Resp: 789643
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 41.710 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

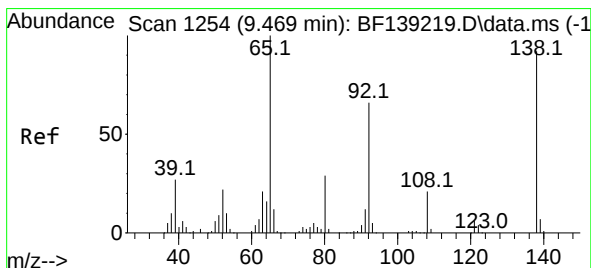
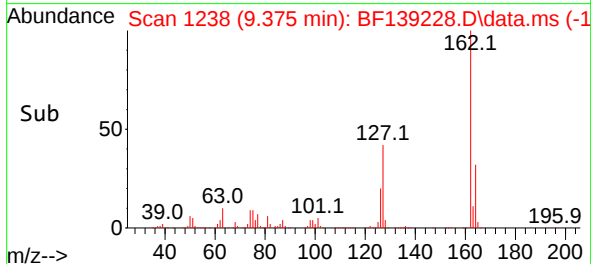
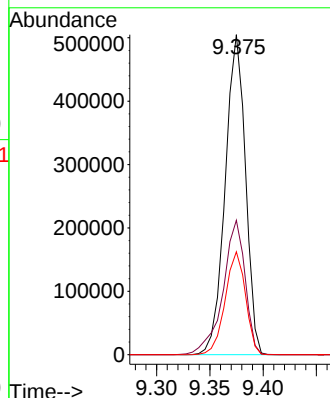
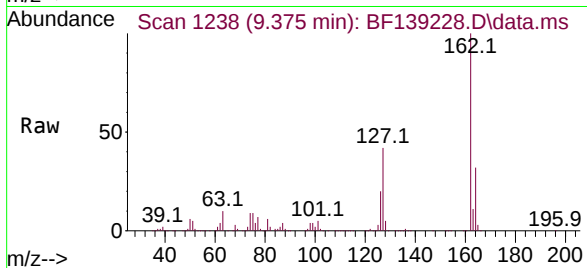
Tgt Ion:162 Resp: 667470

Ion Ratio Lower Upper

162 100

127 42.0 33.0 49.4

164 32.2 26.2 39.4



#48

2-Nitroaniline

Concen: 47.992 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

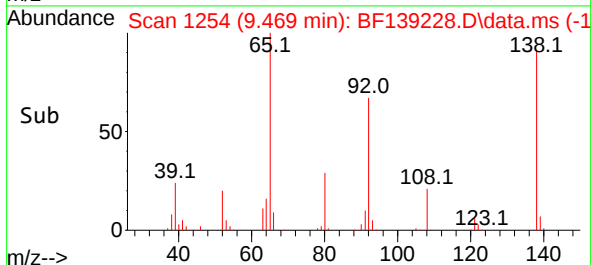
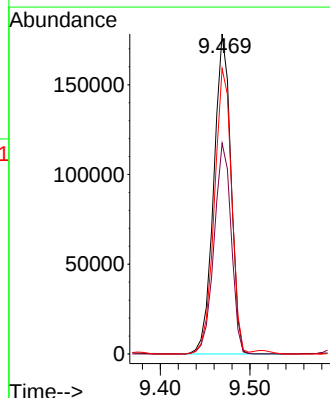
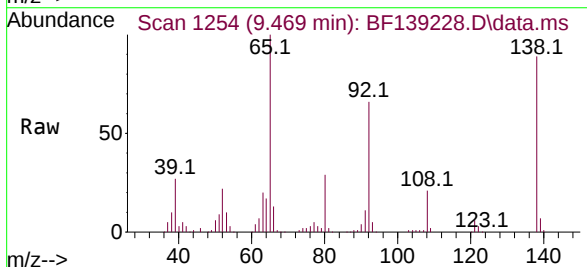
Tgt Ion: 65 Resp: 236491

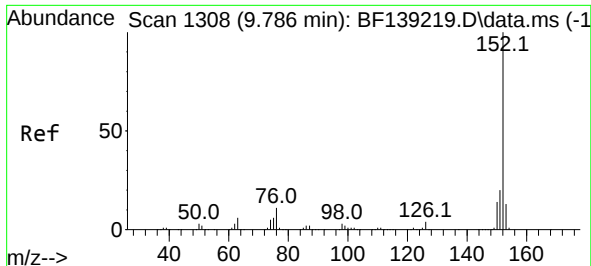
Ion Ratio Lower Upper

65 100

92 65.9 52.7 79.1

138 89.2 73.4 110.0





#49

Acenaphthylene

Concen: 45.857 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

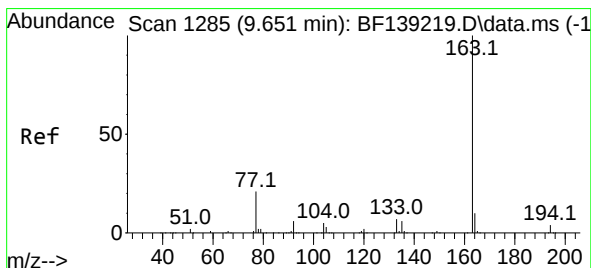
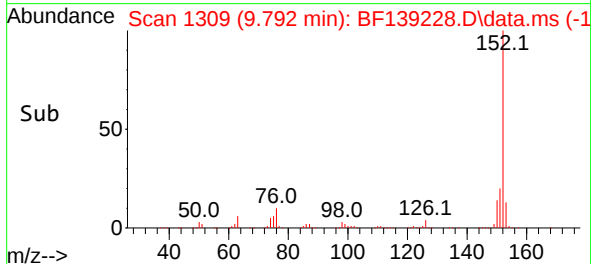
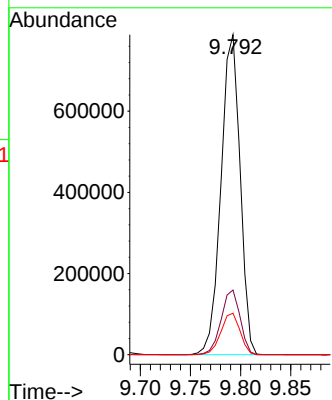
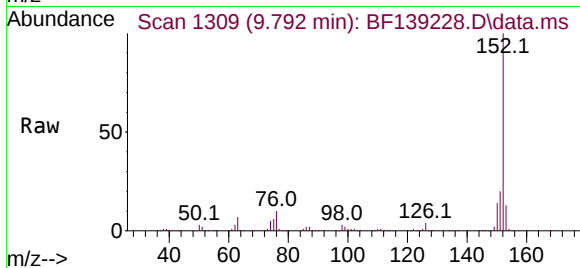
Tgt Ion:152 Resp: 1043119

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

153 12.9 10.3 15.5



#50

Dimethylphthalate

Concen: 44.520 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

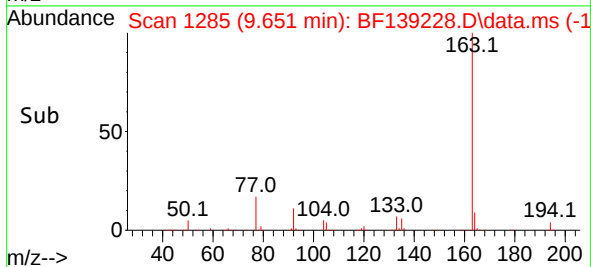
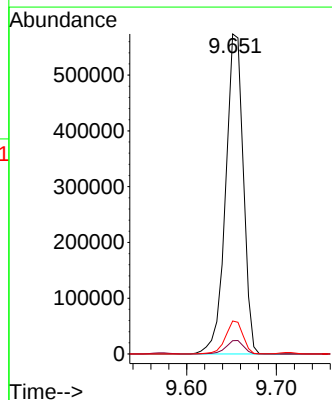
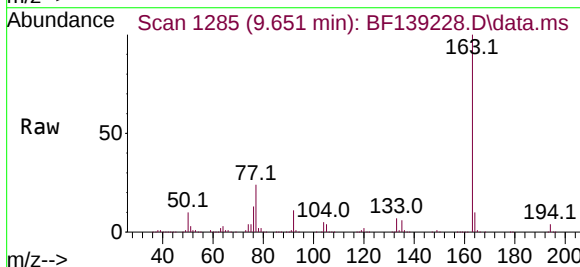
Tgt Ion:163 Resp: 784129

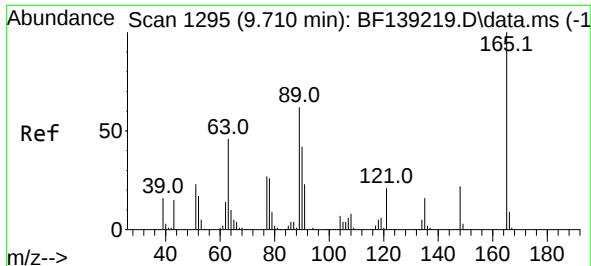
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.3 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 45.801 ng

RT: 9.710 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

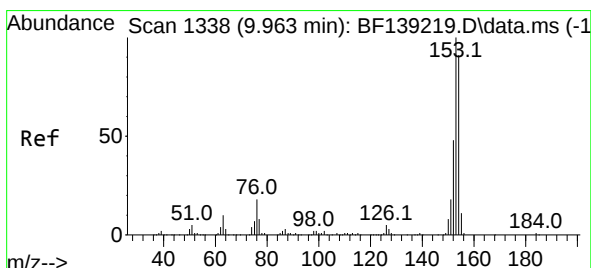
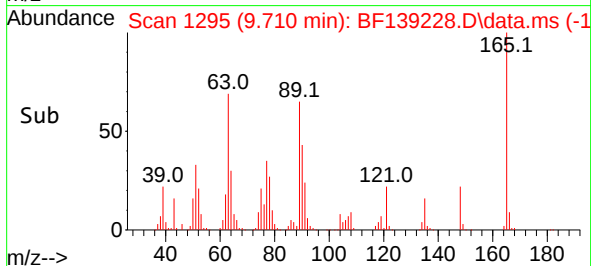
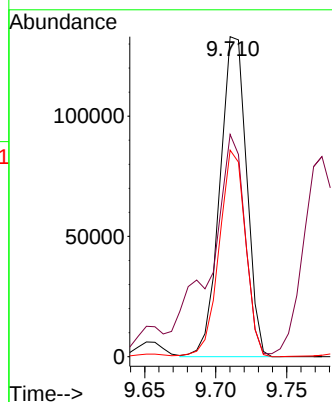
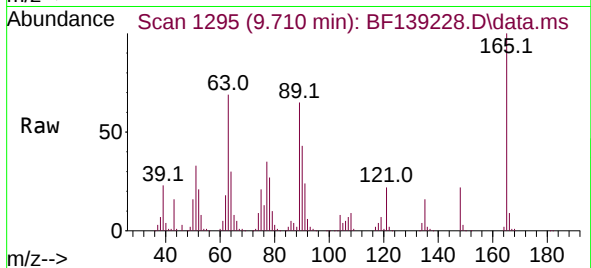
Tgt Ion:165 Resp: 174347

Ion Ratio Lower Upper

165 100

63 69.4 52.1 78.1

89 64.5 49.7 74.5



#52

Acenaphthene

Concen: 47.100 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

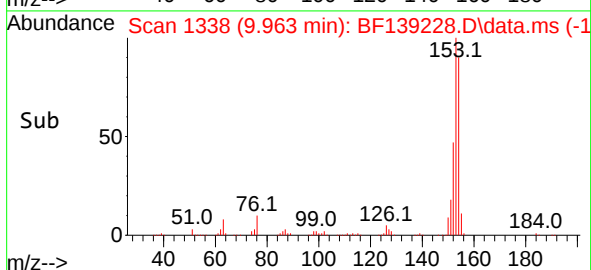
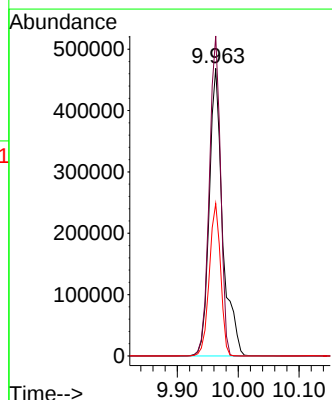
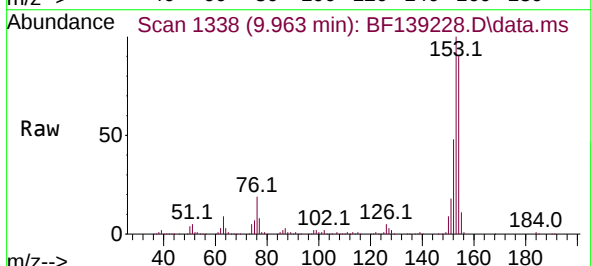
Tgt Ion:154 Resp: 715327

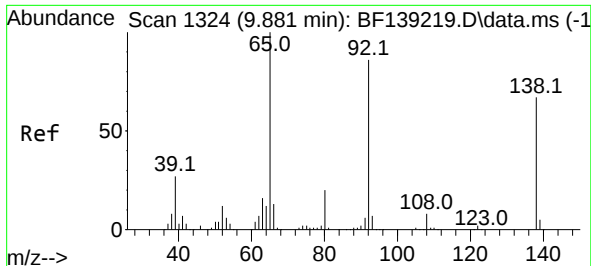
Ion Ratio Lower Upper

154 100

153 111.3 88.2 132.2

152 52.9 42.2 63.4

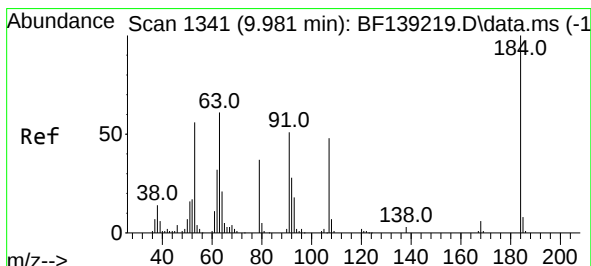
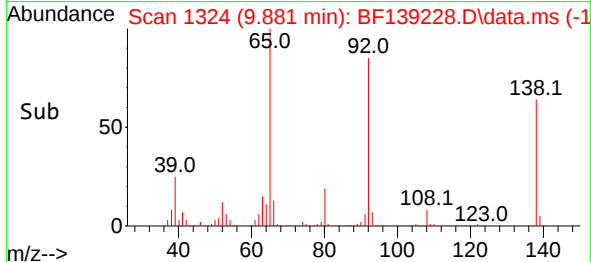
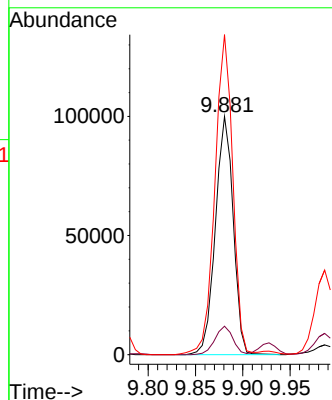
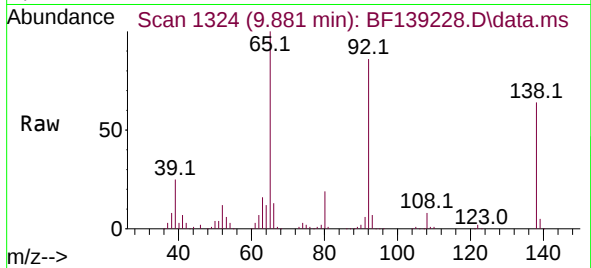




#53
3-Nitroaniline
Concen: 34.935 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

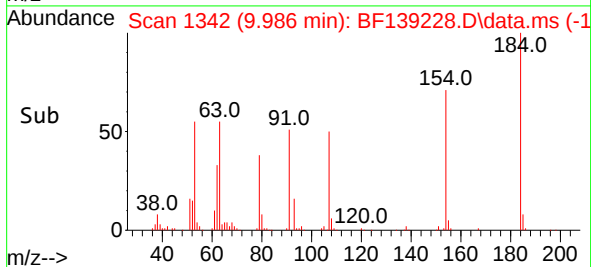
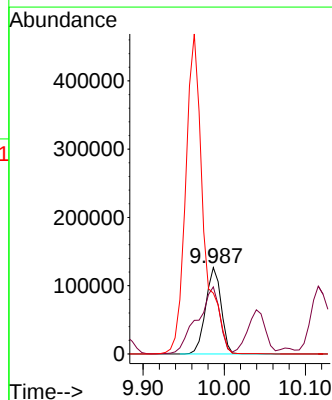
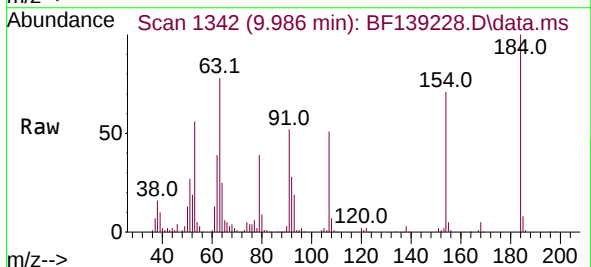
Instrument :
BNA_F
ClientSampleId :
PB163089BS

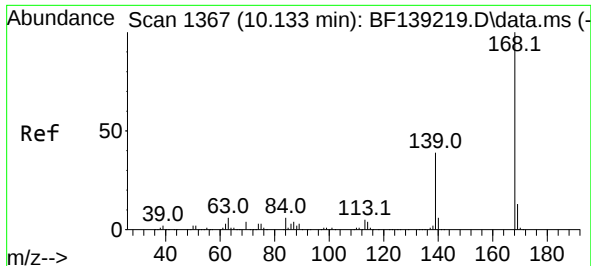
Tgt Ion:138 Resp: 130995
Ion Ratio Lower Upper
138 100
108 11.9 9.4 14.0
92 134.3 102.0 153.0



#54
2,4-Dinitrophenol
Concen: 82.503 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:184 Resp: 167483
Ion Ratio Lower Upper
184 100
63 77.6 61.9 92.9
154 70.5 70.9 106.3

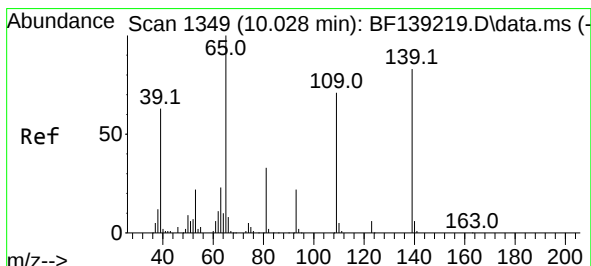
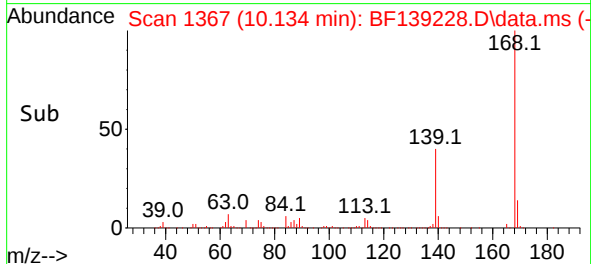
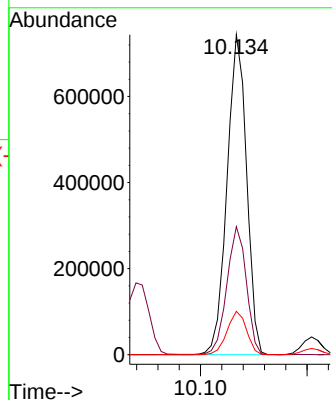
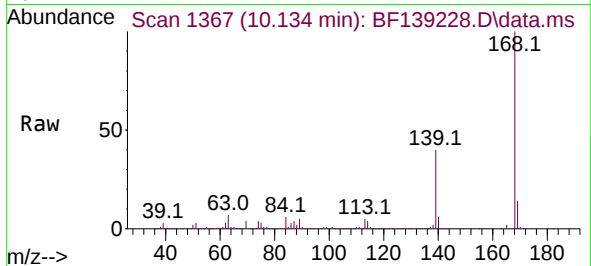




#55
Dibenzenofuran
Concen: 43.304 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

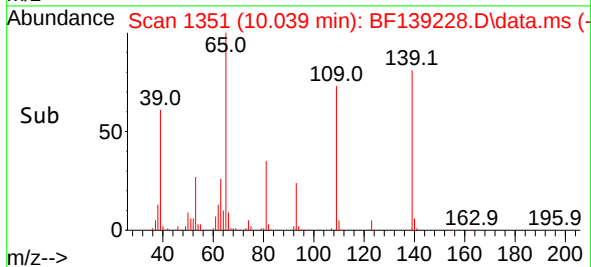
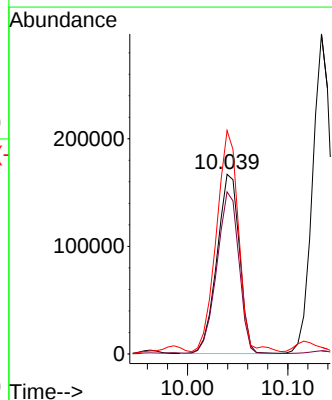
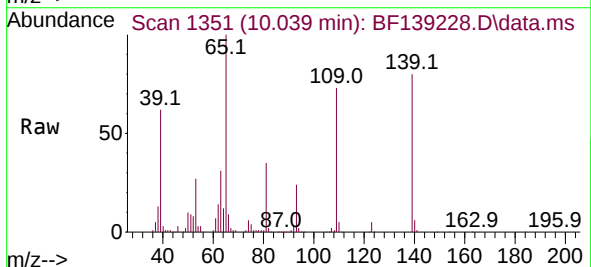
Instrument :
BNA_F
ClientSampleId :
PB163089BS

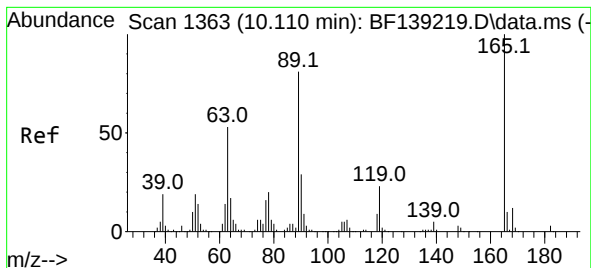
Tgt Ion:168 Resp: 947308
Ion Ratio Lower Upper
168 100
139 40.0 31.3 46.9
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 90.543 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:139 Resp: 259598
Ion Ratio Lower Upper
139 100
109 90.2 65.8 105.8
65 124.3 101.4 141.4

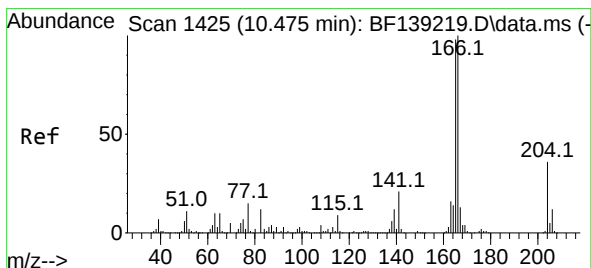
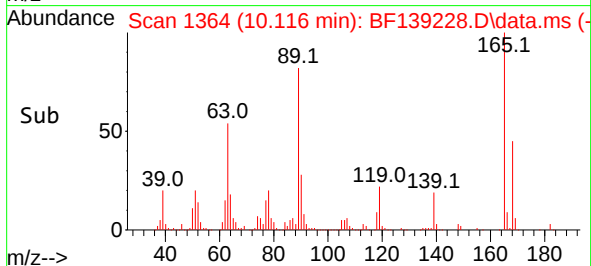
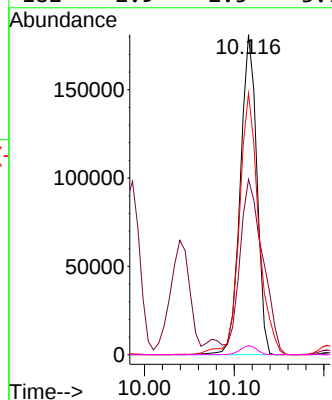
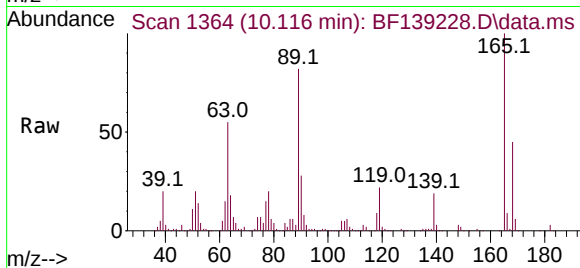




#57
2,4-Dinitrotoluene
Concen: 48.368 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

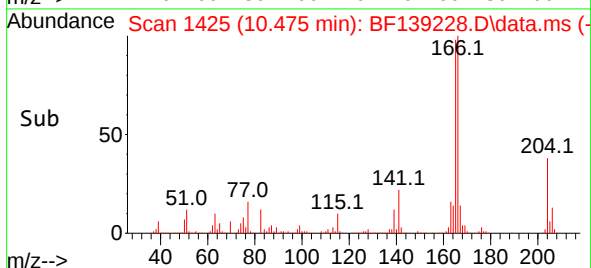
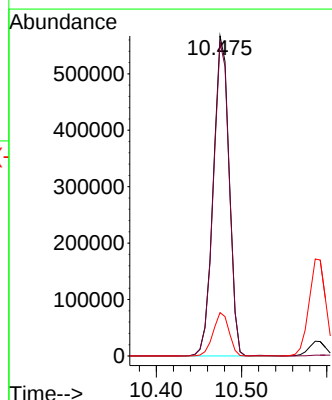
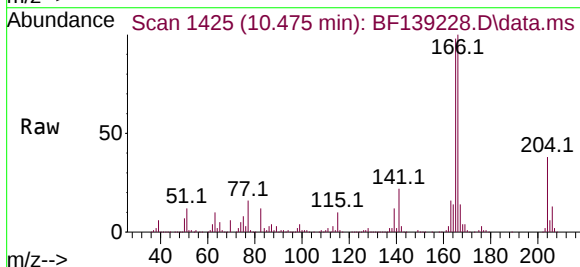
Instrument :
BNA_F
ClientSampleId :
PB163089BS

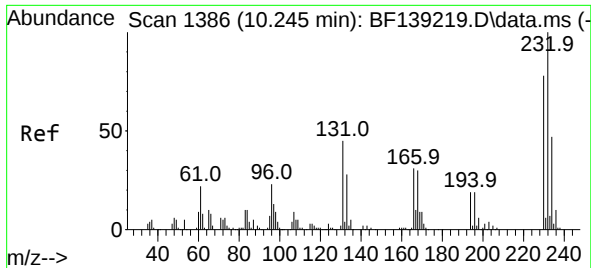
Tgt Ion:165 Resp: 231936
Ion Ratio Lower Upper
165 100
63 54.8 42.2 63.4
89 81.7 64.7 97.1
182 2.9 2.5 3.7



#58
Fluorene
Concen: 42.391 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:166 Resp: 733852
Ion Ratio Lower Upper
166 100
165 98.1 78.0 117.0
167 13.5 10.7 16.1

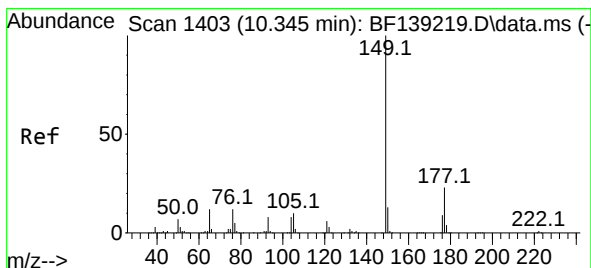
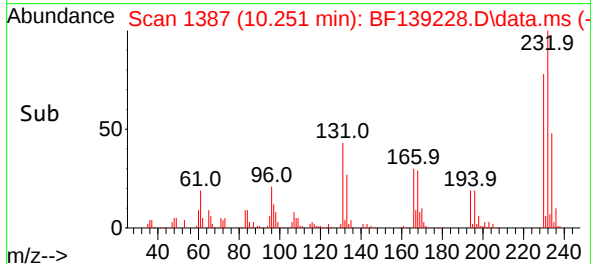
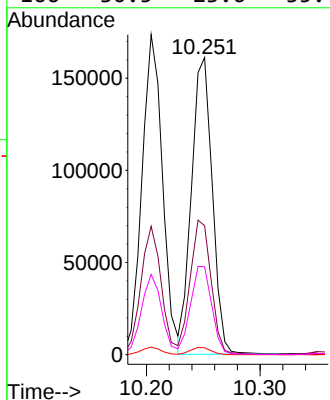
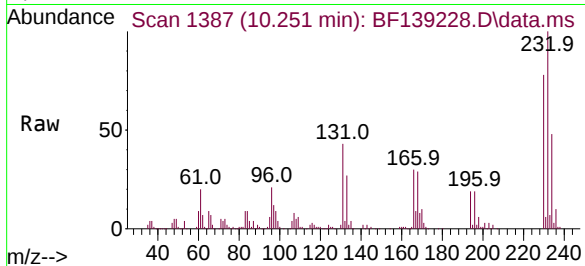




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.217 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

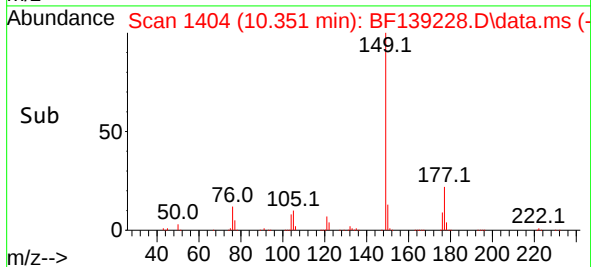
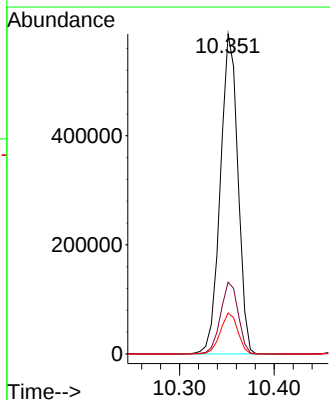
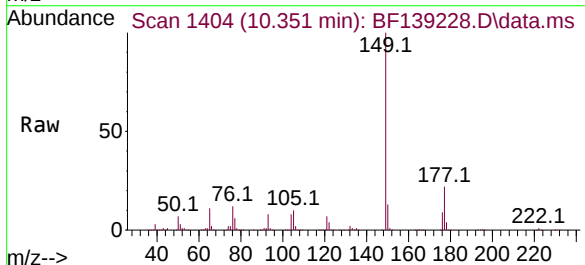
Instrument :
BNA_F
ClientSampleId :
PB163089BS

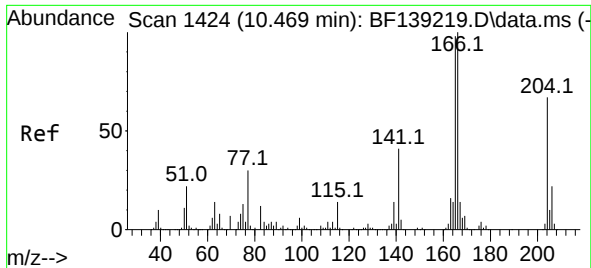
Tgt Ion:232 Resp: 205190
Ion Ratio Lower Upper
232 100
131 45.6 34.6 52.0
130 2.4 1.8 2.8
166 30.5 23.6 35.4



#60
Diethylphthalate
Concen: 44.932 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:149 Resp: 756390
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.8 10.1 15.1

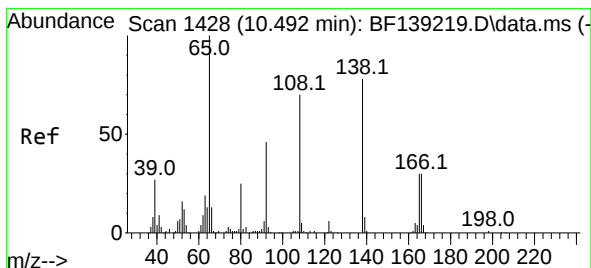
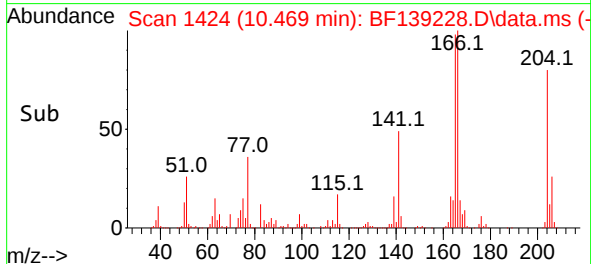
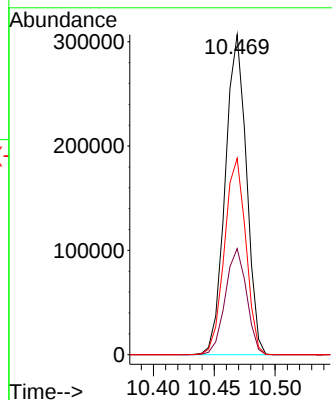
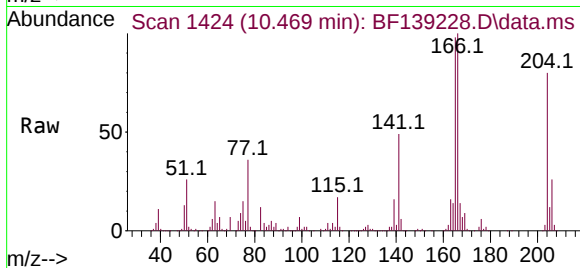




#61
4-Chlorophenyl-phenylether
Concen: 42.768 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

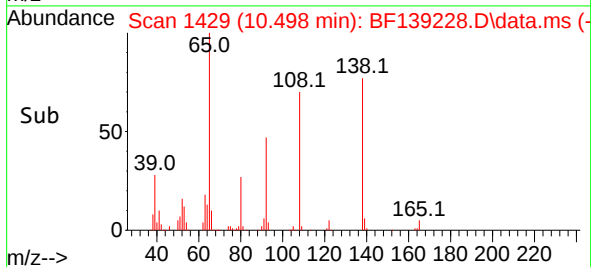
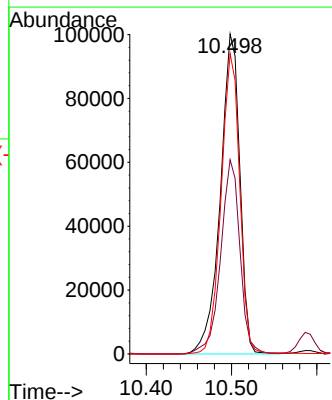
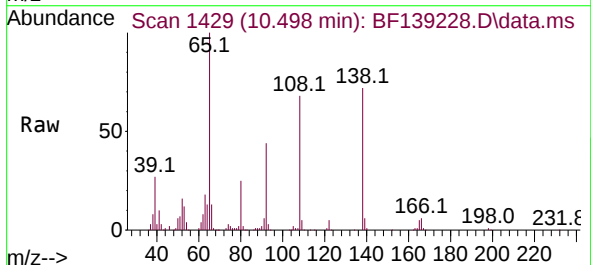
Instrument :
BNA_F
ClientSampleId :
PB163089BS

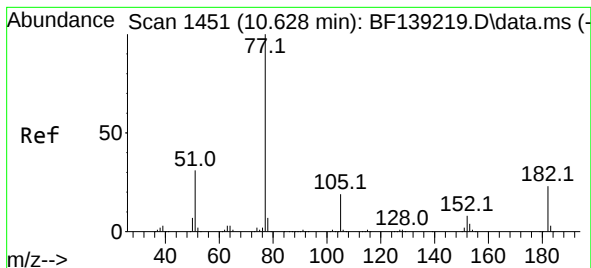
Tgt Ion:204 Resp: 371490
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 61.4 49.1 73.7



#62
4-Nitroaniline
Concen: 43.378 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:138 Resp: 159718
Ion Ratio Lower Upper
138 100
92 60.7 38.5 78.5
108 93.8 69.5 109.5





#63

Azobenzene

Concen: 44.826 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

Tgt Ion: 77 Resp: 831743

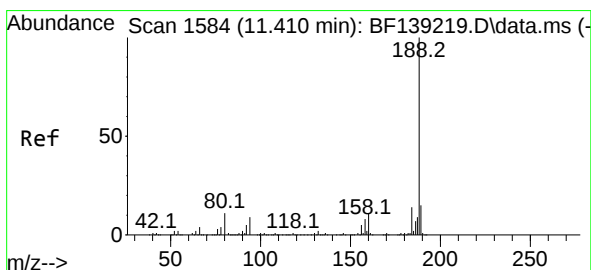
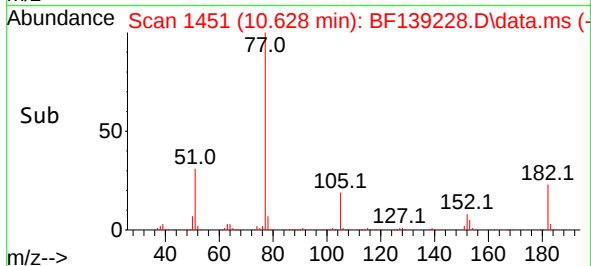
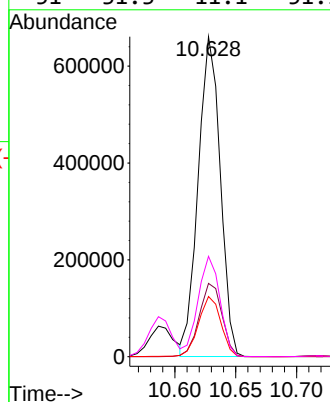
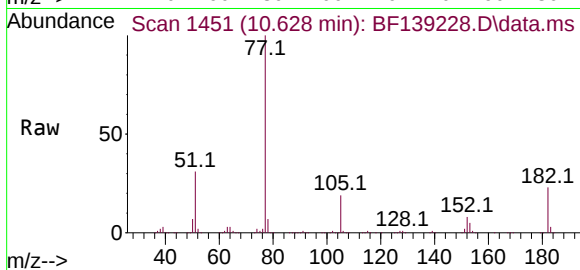
Ion Ratio Lower Upper

77 100

182 22.9 3.2 43.2

105 18.8 0.0 38.8

51 31.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

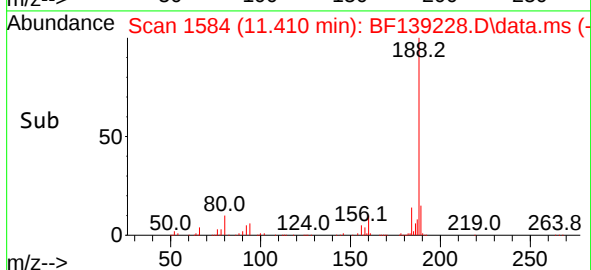
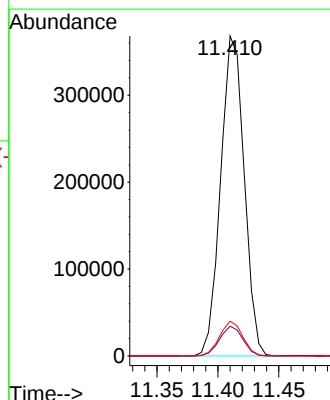
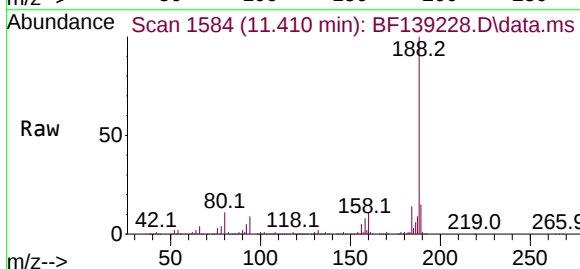
Tgt Ion:188 Resp: 495061

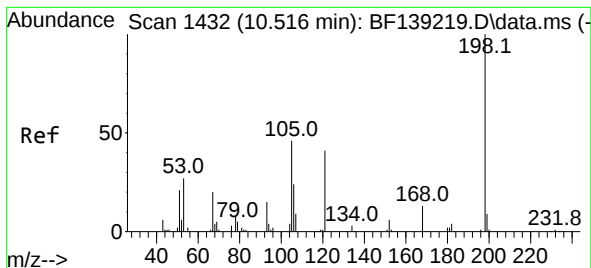
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.8 8.6 12.8

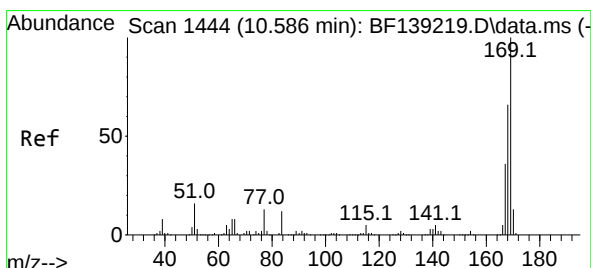
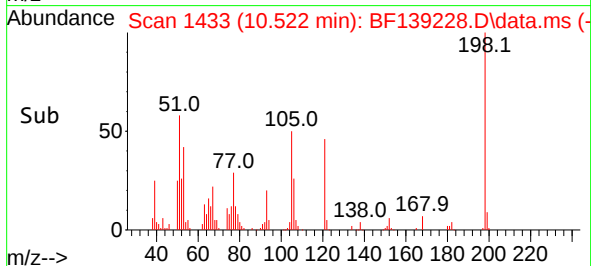
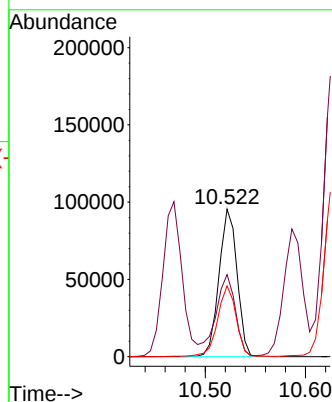
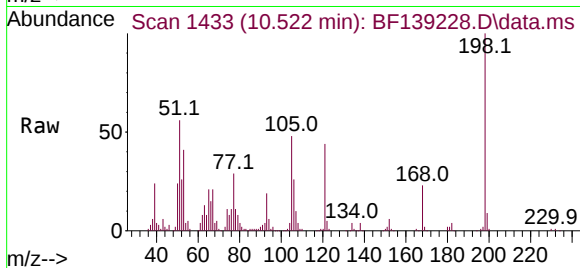




#65
4,6-Dinitro-2-methylphenol
Concen: 48.769 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

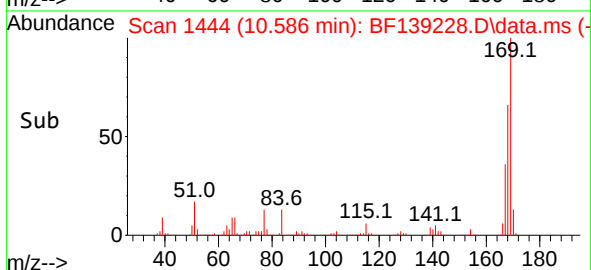
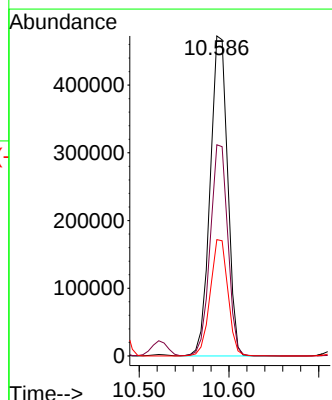
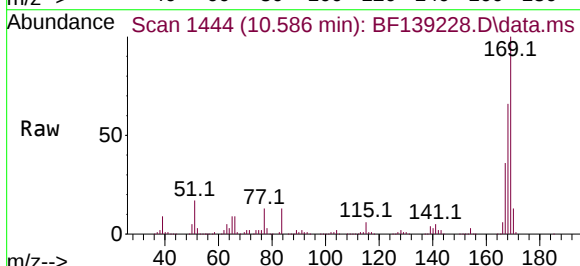
Instrument :
BNA_F
ClientSampleId :
PB163089BS

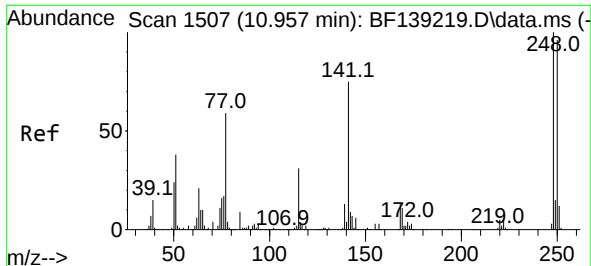
Tgt Ion:198 Resp: 119265
Ion Ratio Lower Upper
198 100
51 55.6 34.4 74.4
105 47.9 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 43.357 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:169 Resp: 637510
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.3 28.6 42.8

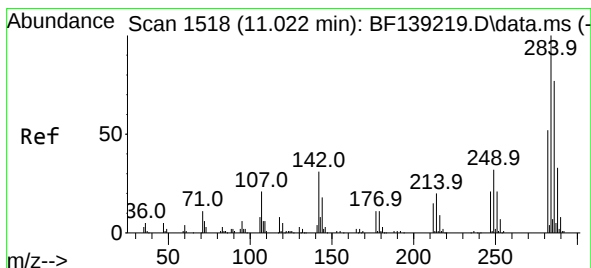
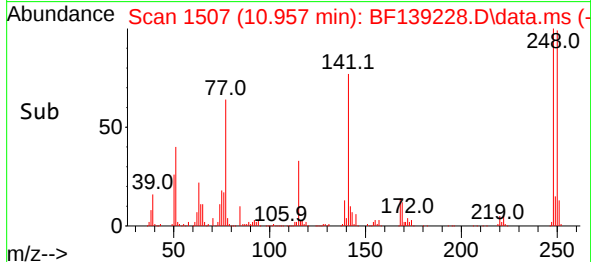
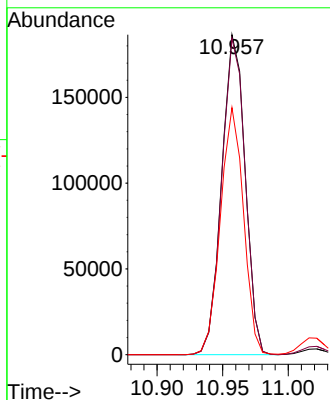
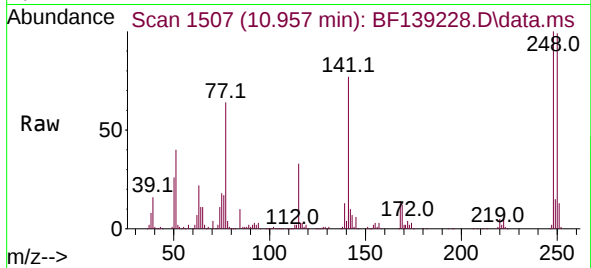




#67
4-Bromophenyl-phenylether
Concen: 43.126 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

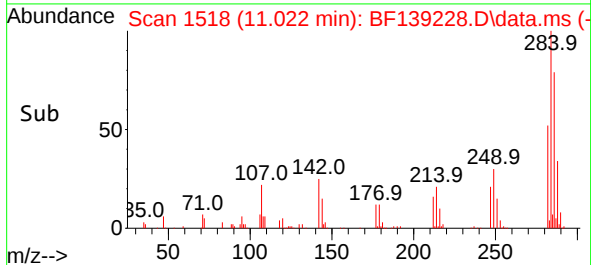
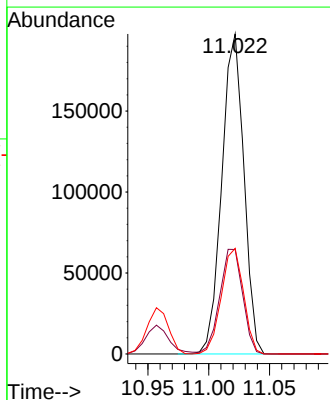
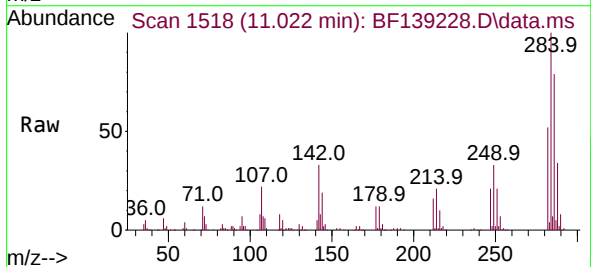
Instrument :
BNA_F
ClientSampleId :
PB163089BS

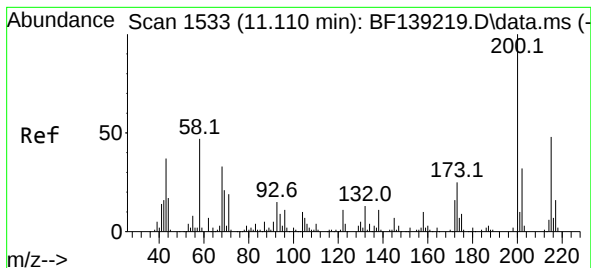
Tgt Ion:248 Resp: 232035
Ion Ratio Lower Upper
248 100
250 98.8 77.1 115.7
141 77.2 60.0 90.0



#68
Hexachlorobenzene
Concen: 42.375 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:284 Resp: 249367
Ion Ratio Lower Upper
284 100
142 32.7 24.7 37.1
249 33.0 25.8 38.6





#69

Atrazine

Concen: 43.027 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

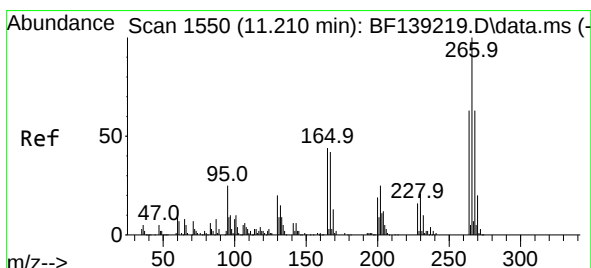
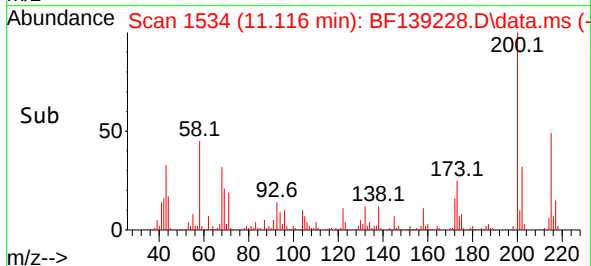
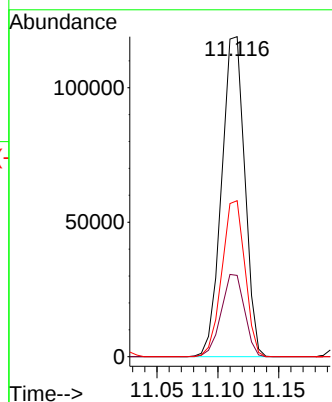
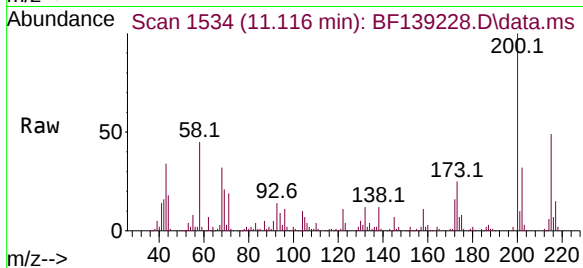
Tgt Ion:200 Resp: 157358

Ion Ratio Lower Upper

200 100

173 25.4 4.7 44.7

215 48.7 28.1 68.1



#70

Pentachlorophenol

Concen: 81.539 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

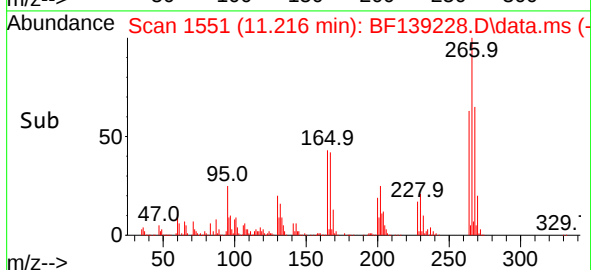
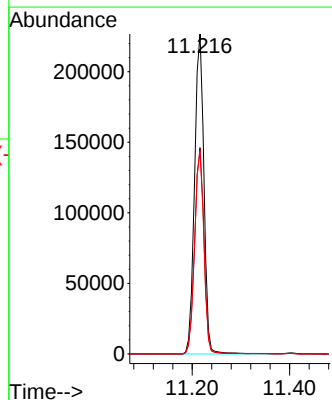
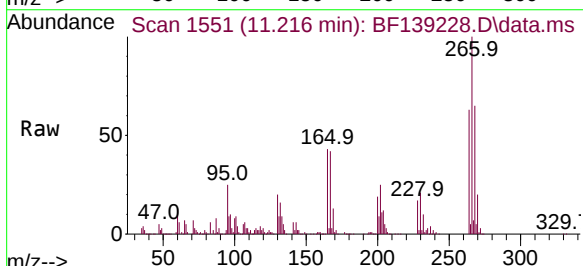
Tgt Ion:266 Resp: 303622

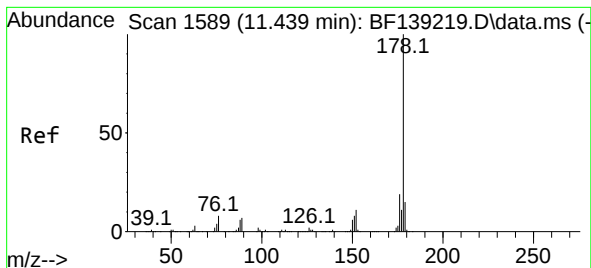
Ion Ratio Lower Upper

266 100

268 64.5 50.1 75.1

264 63.3 50.2 75.4

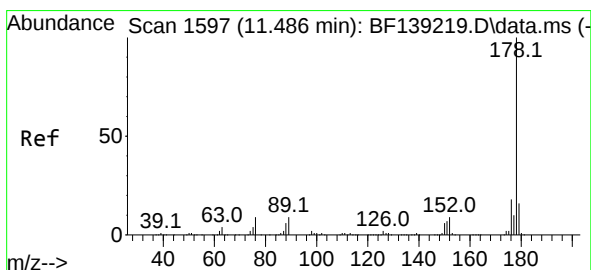
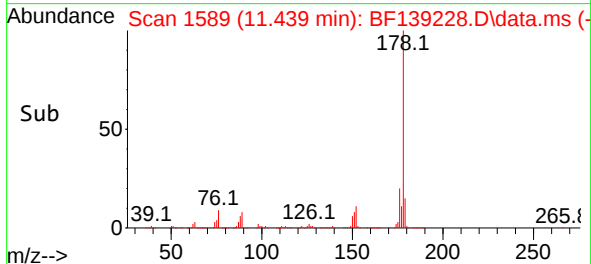
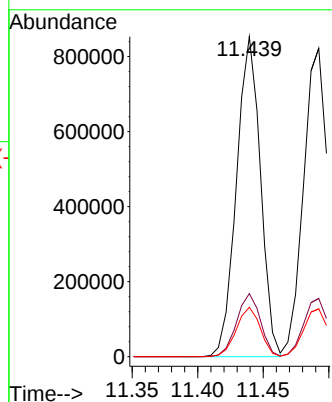
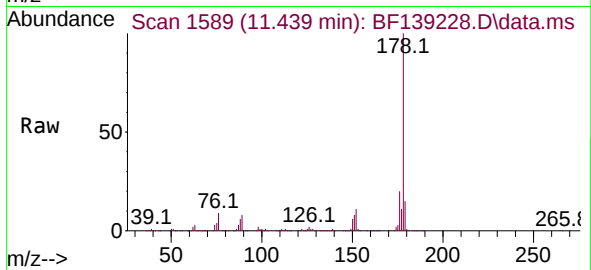




#71
Phenanthrene
Concen: 43.578 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

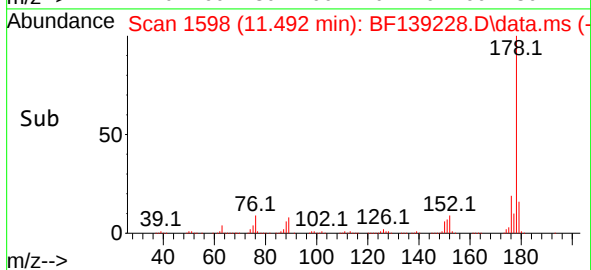
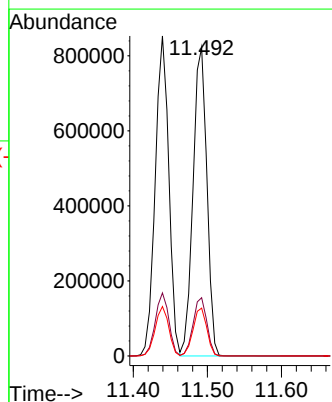
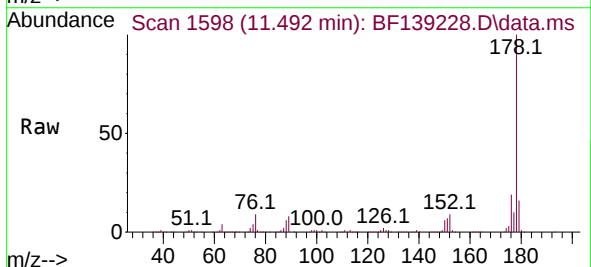
Instrument :
BNA_F
ClientSampleId :
PB163089BS

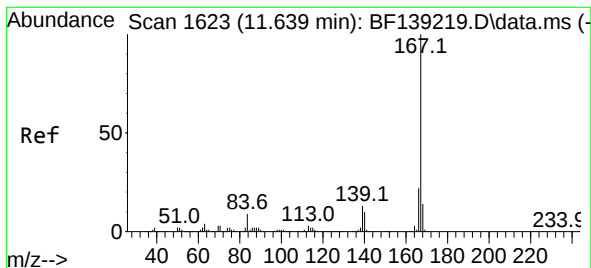
Tgt Ion:178 Resp: 1085116
Ion Ratio Lower Upper
178 100
176 19.7 15.3 22.9
179 15.5 12.3 18.5



#72
Anthracene
Concen: 43.784 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:178 Resp: 1064220
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.5 12.4 18.6





#73

Carbazole

Concen: 43.665 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

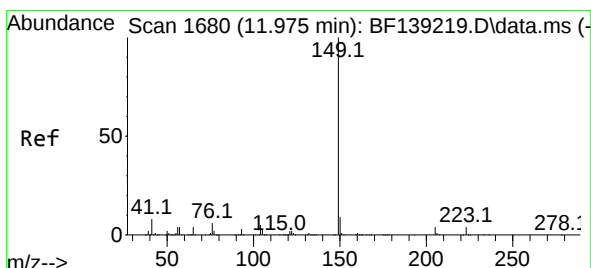
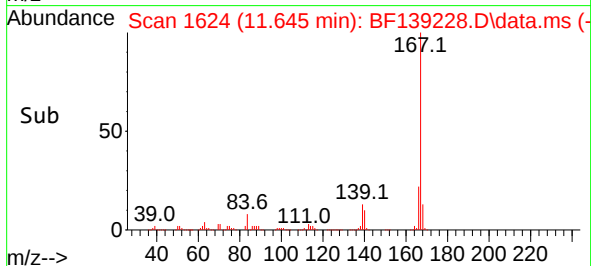
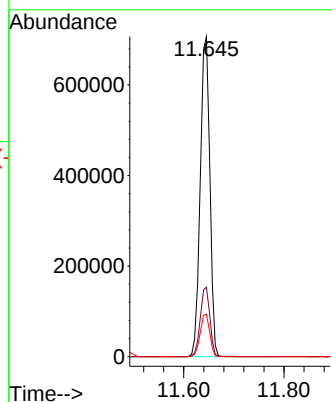
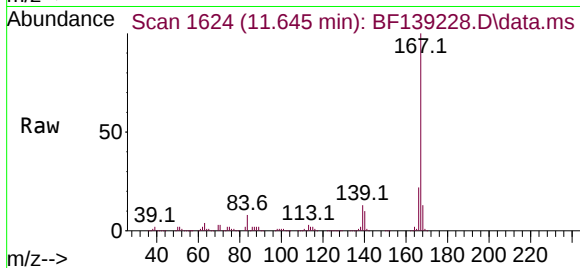
Tgt Ion:167 Resp: 936390

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 13.3 10.4 15.6



#74

Di-n-butylphthalate

Concen: 47.291 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

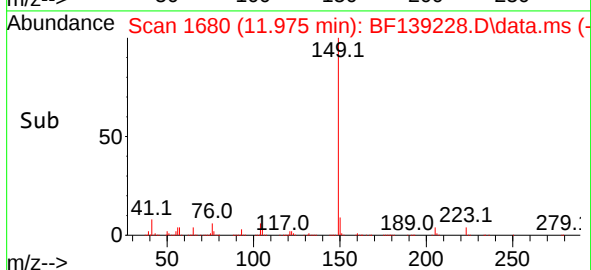
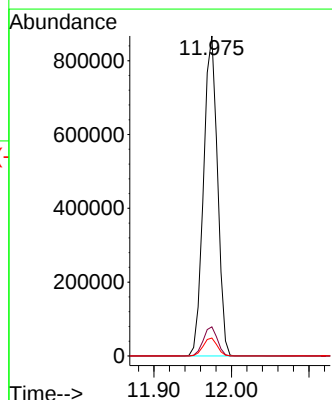
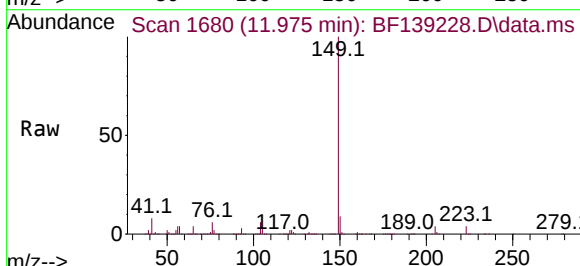
Tgt Ion:149 Resp: 1084302

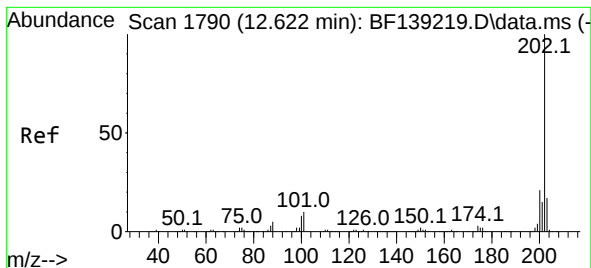
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.6 4.2 6.2

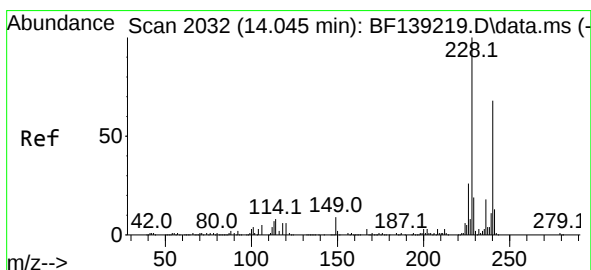
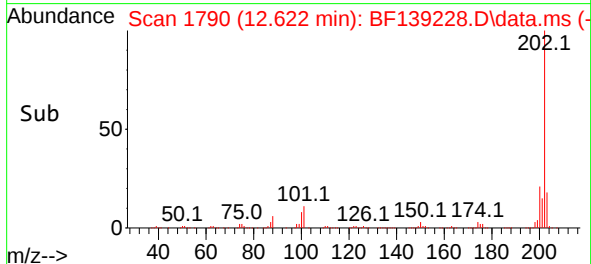
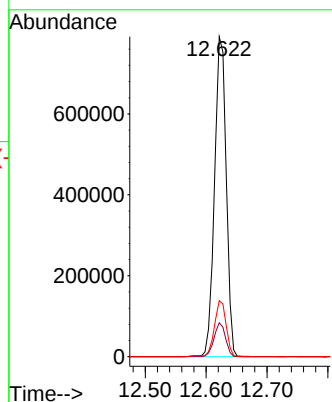
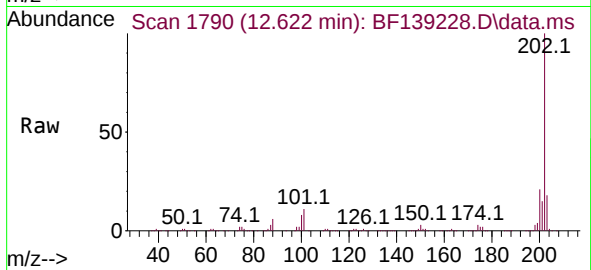




#75
Fluoranthene
Concen: 43.016 ng
RT: 12.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

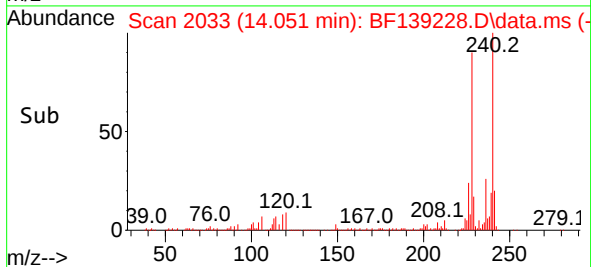
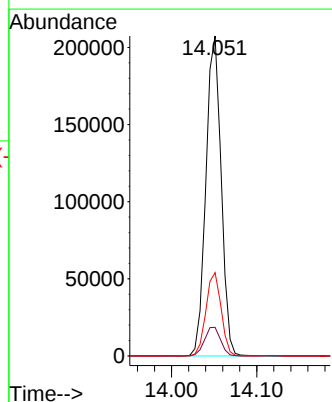
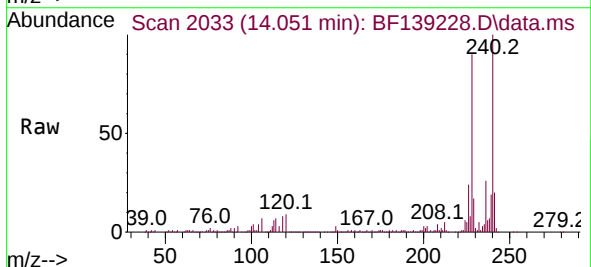
Instrument :
BNA_F
ClientSampleId :
PB163089BS

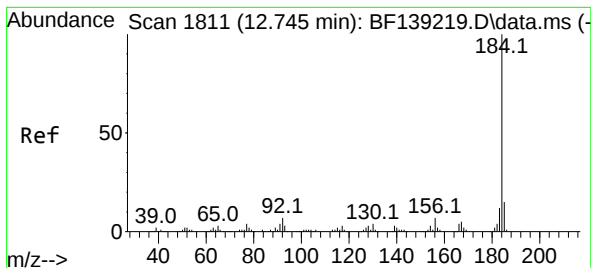
Tgt Ion:202 Resp: 1054510
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.2
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:240 Resp: 257821
Ion Ratio Lower Upper
240 100
120 9.0 7.4 11.2
236 26.1 20.9 31.3





#77

Benzidine

Concen: 4.249 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

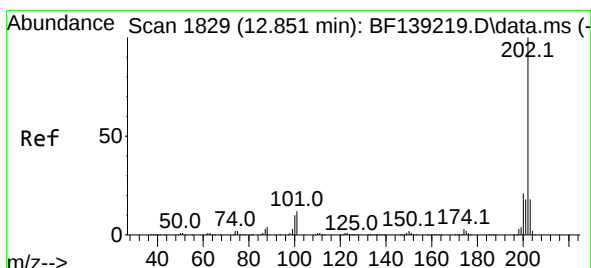
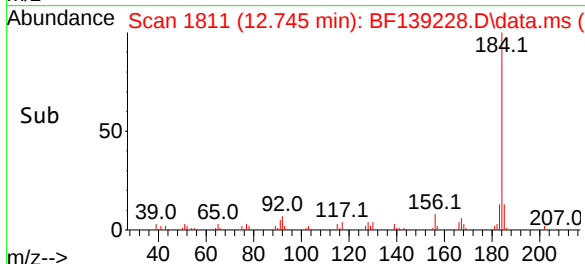
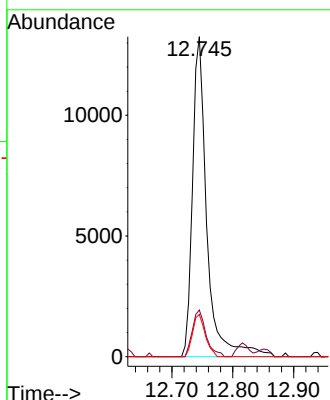
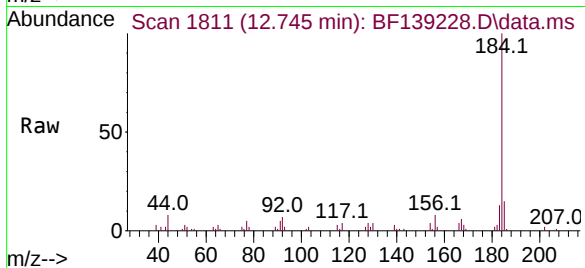
Tgt Ion:184 Resp: 21648

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 13.2 9.5 14.3



#78

Pyrene

Concen: 42.136 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

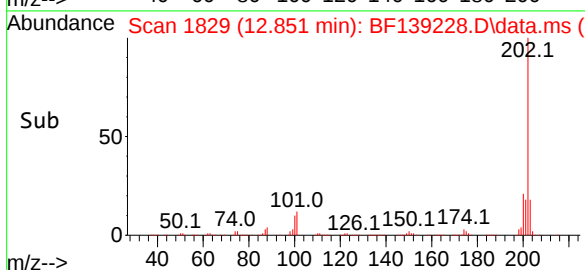
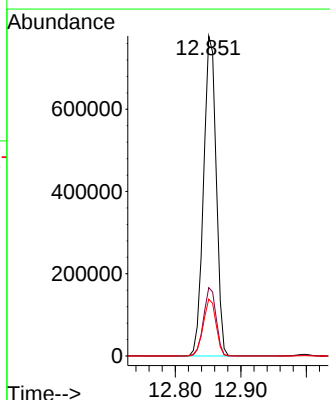
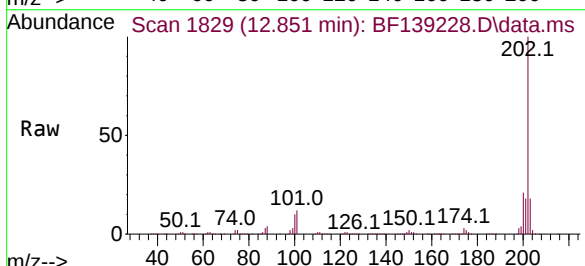
Tgt Ion:202 Resp: 1043943

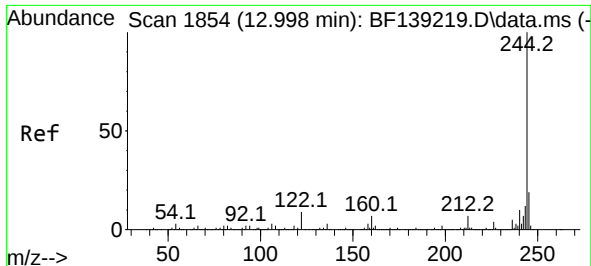
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

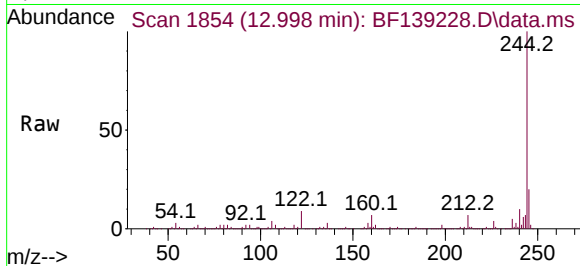
203 17.8 14.2 21.2



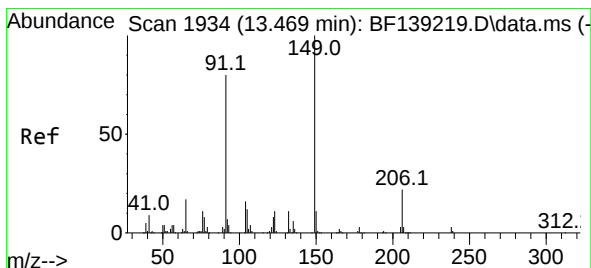
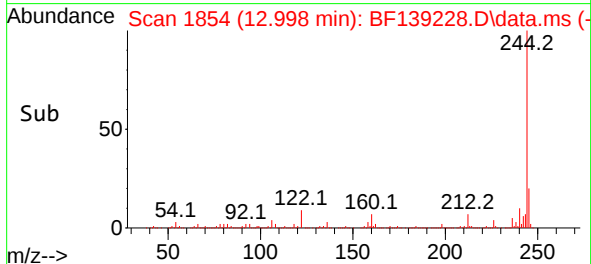
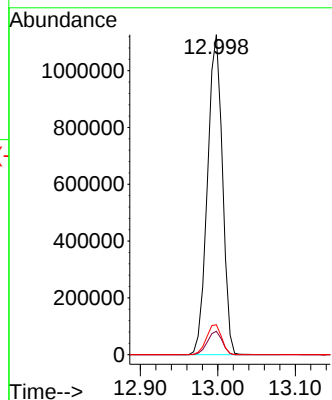


#79
 Terphenyl-d14
 Concen: 84.229 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139228.D
 Acq: 03 Sep 2024 11:23

Instrument :
 BNA_F
 ClientSampleId :
 PB163089BS

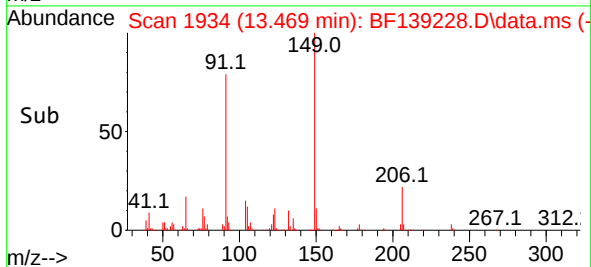
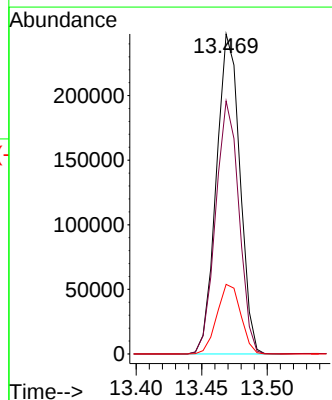
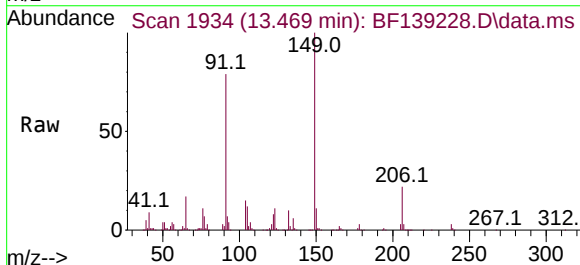


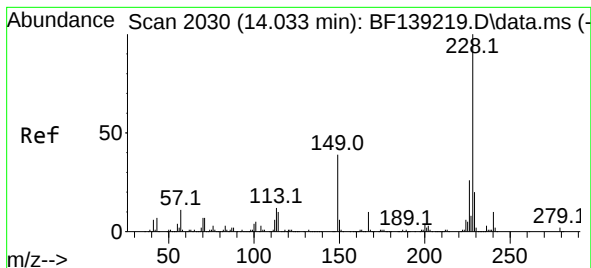
Tgt Ion:244 Resp: 1506539
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 9.3 7.4 11.2



#80
 Butylbenzylphthalate
 Concen: 53.456 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. 0.000 min
 Lab File: BF139228.D
 Acq: 03 Sep 2024 11:23

Tgt Ion:149 Resp: 308639
 Ion Ratio Lower Upper
 149 100
 91 79.1 64.0 96.0
 206 21.8 17.8 26.6





#81

Benzo(a)anthracene

Concen: 45.834 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

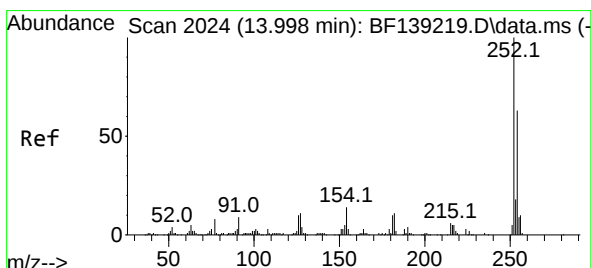
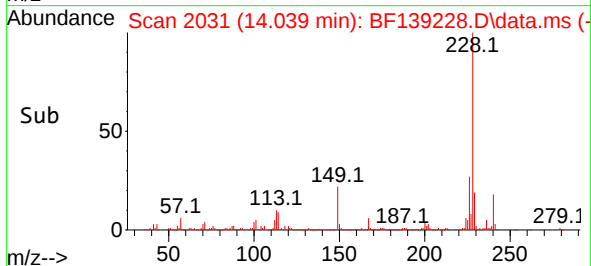
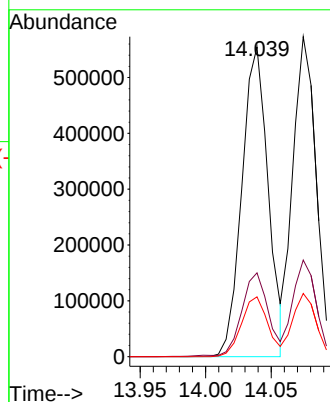
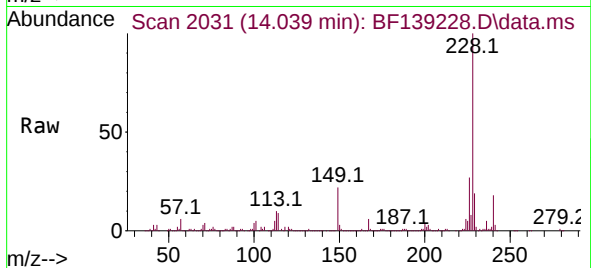
Tgt Ion:228 Resp: 773936

Ion Ratio Lower Upper

228 100

226 27.1 21.2 31.8

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 37.664 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

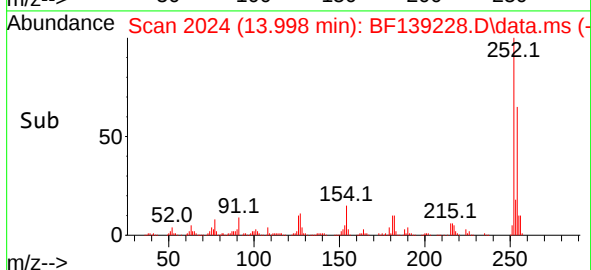
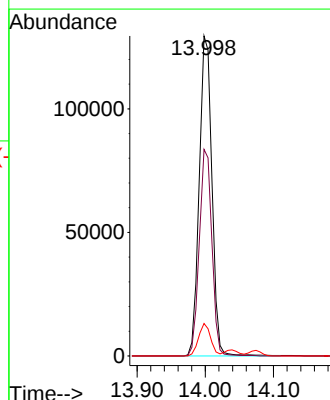
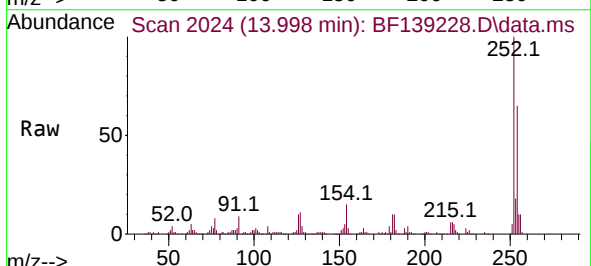
Tgt Ion:252 Resp: 166993

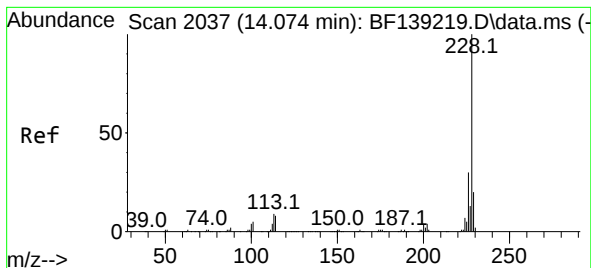
Ion Ratio Lower Upper

252 100

254 64.6 50.6 76.0

126 10.2 8.3 12.5





#83

Chrysene

Concen: 44.863 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

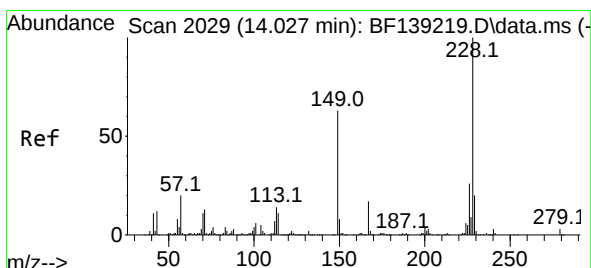
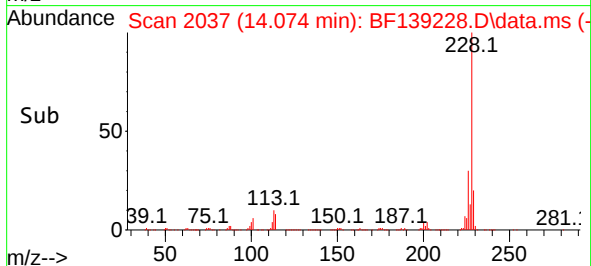
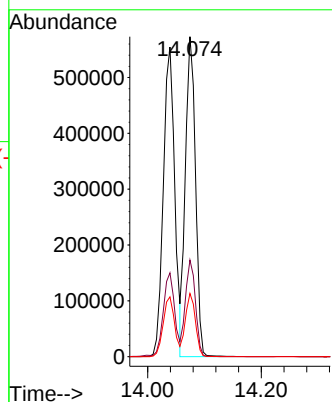
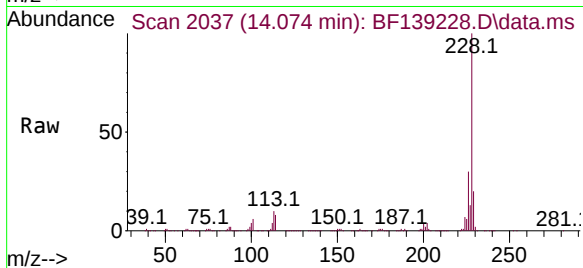
Tgt Ion:228 Resp: 705132

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.225 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

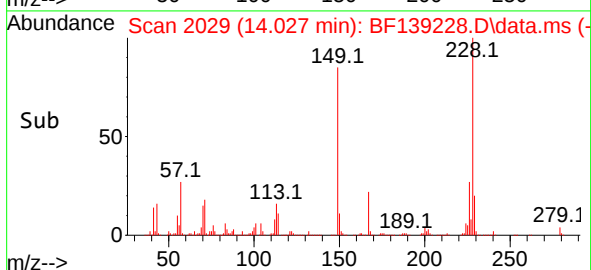
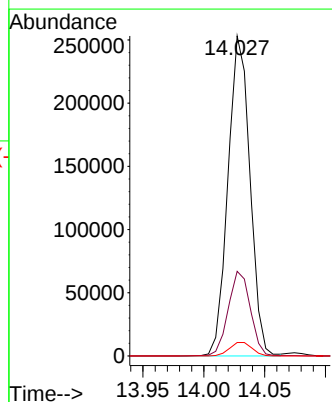
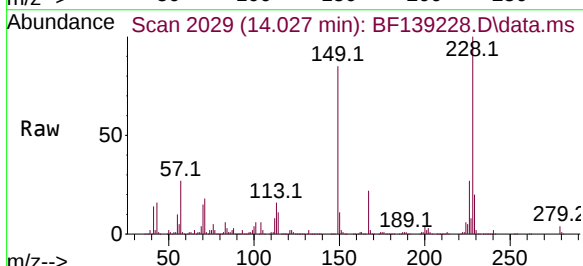
Tgt Ion:149 Resp: 318180

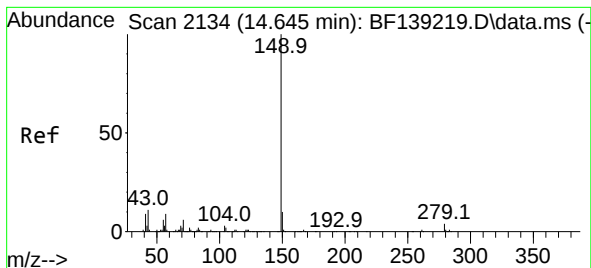
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.6

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 47.148 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

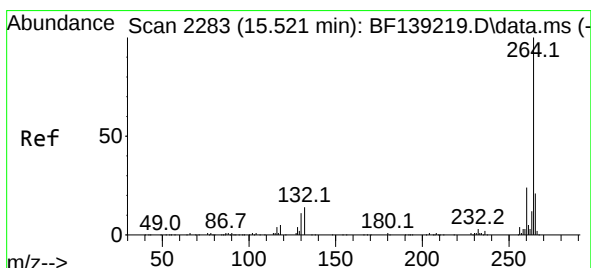
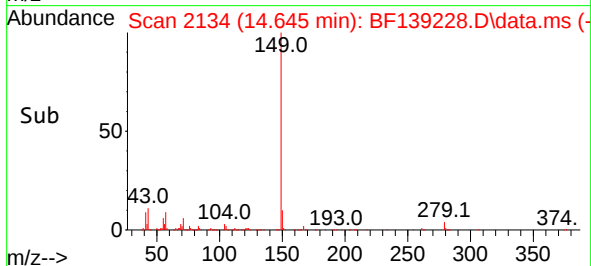
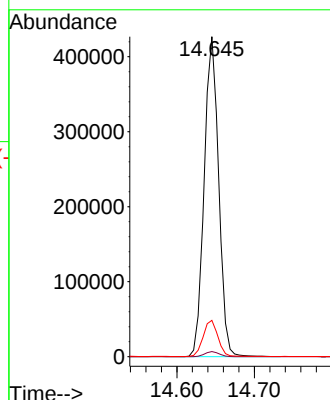
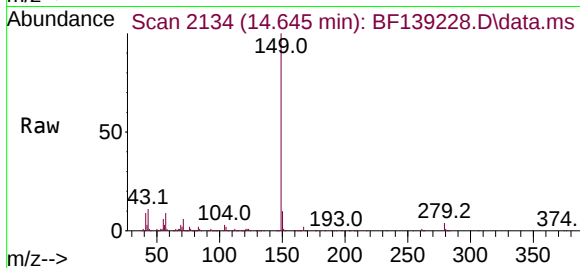
Tgt Ion:149 Resp: 553913

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.6 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

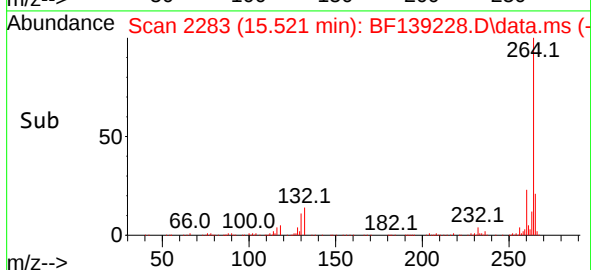
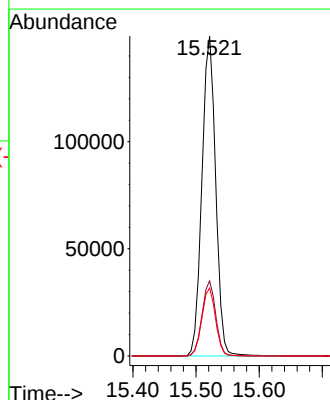
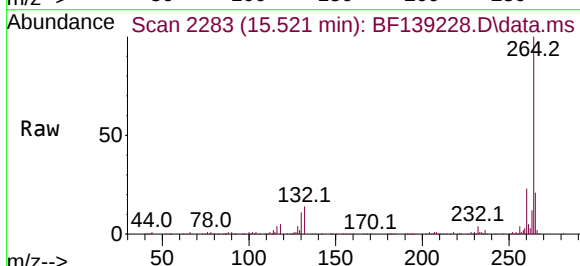
Tgt Ion:264 Resp: 225348

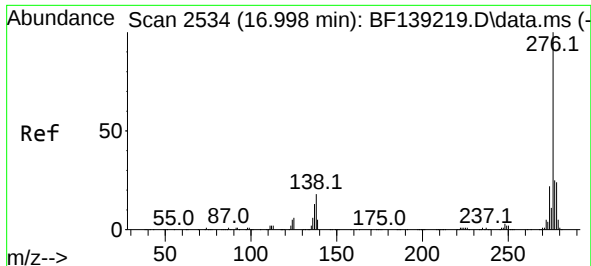
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.3 16.9 25.3

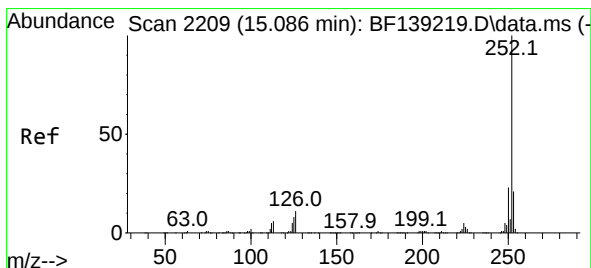
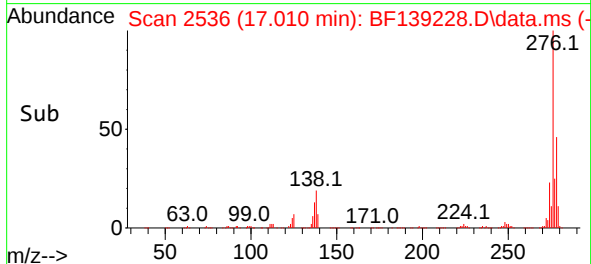
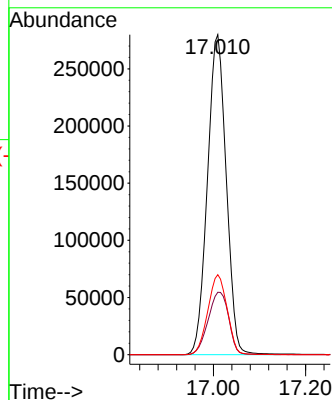
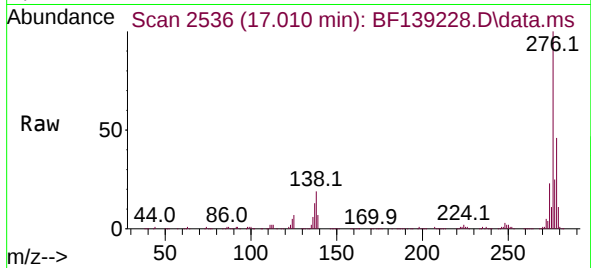




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.990 ng
RT: 17.010 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

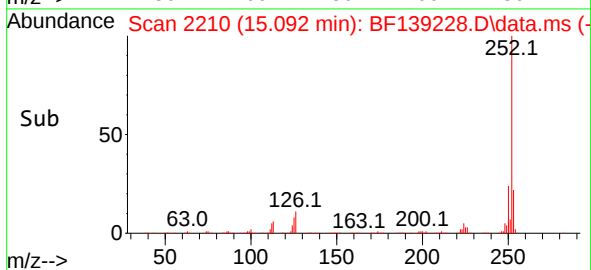
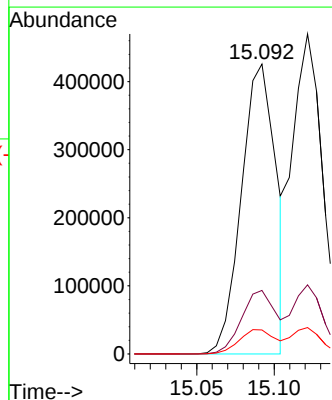
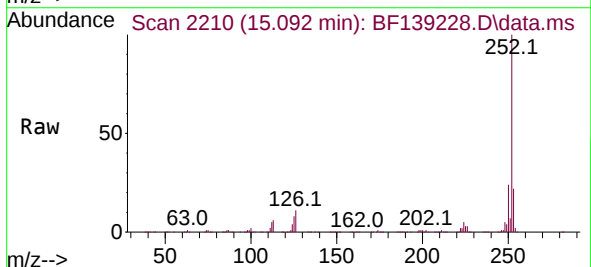
Instrument :
BNA_F
ClientSampleId :
PB163089BS

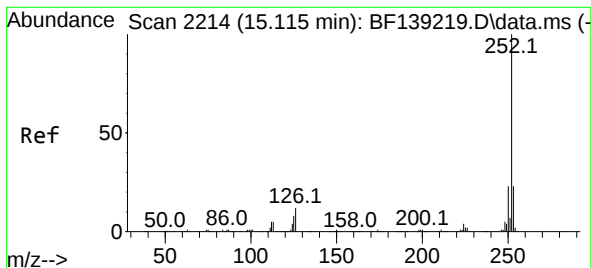
Tgt Ion:276 Resp: 794288
Ion Ratio Lower Upper
276 100
138 21.4 17.0 25.6
277 25.7 20.6 31.0



#88
Benzo(b)fluoranthene
Concen: 48.647 ng
RT: 15.092 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:252 Resp: 656594
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 8.3 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 54.102 ng

RT: 15.121 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB163089BS

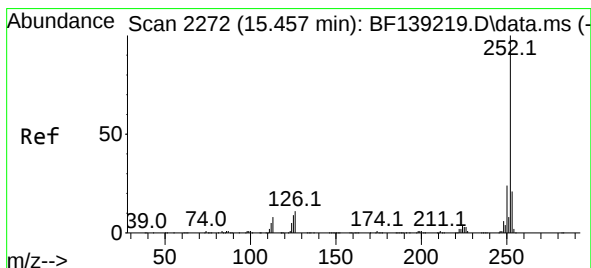
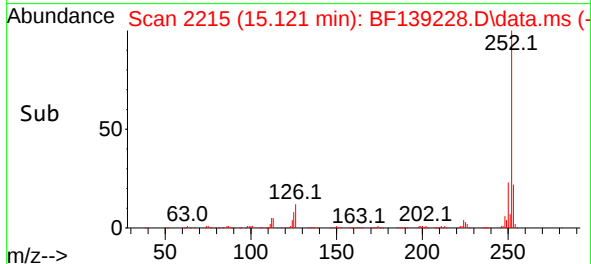
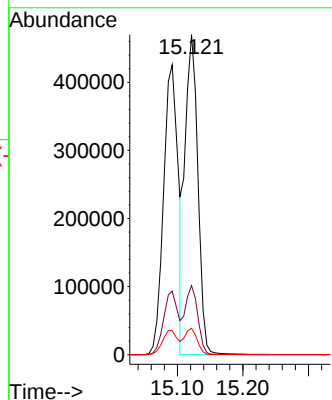
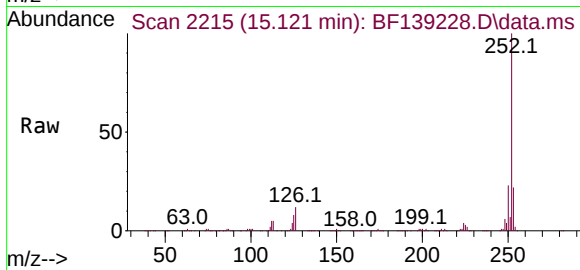
Tgt Ion:252 Resp: 636744

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.2 6.8 10.2



#90

Benzo(a)pyrene

Concen: 53.609 ng

RT: 15.463 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF139228.D

Acq: 03 Sep 2024 11:23

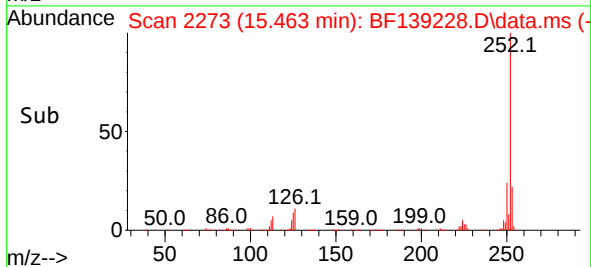
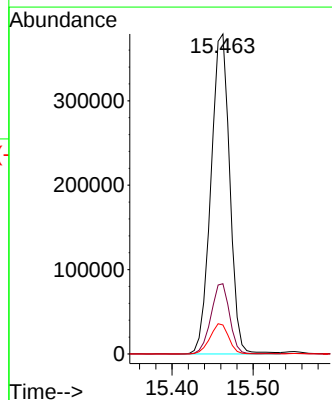
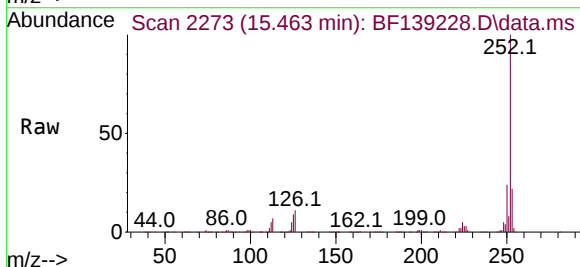
Tgt Ion:252 Resp: 610104

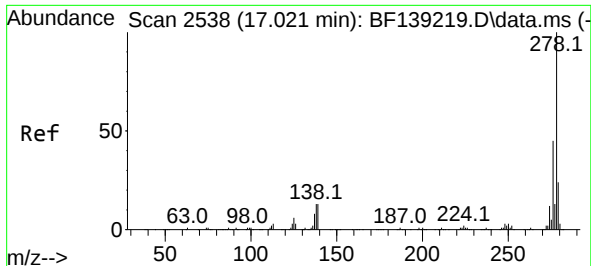
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.1 7.4 11.2

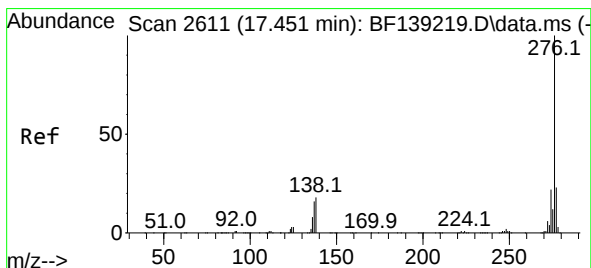
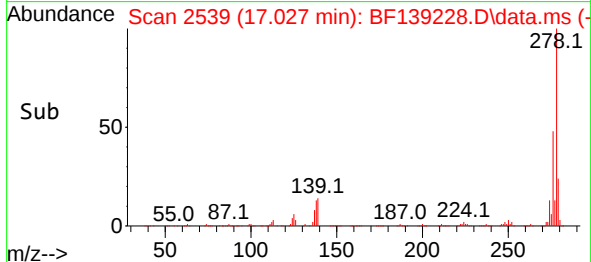
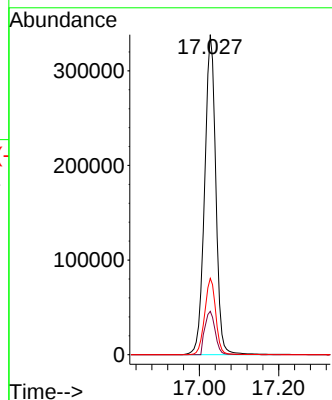
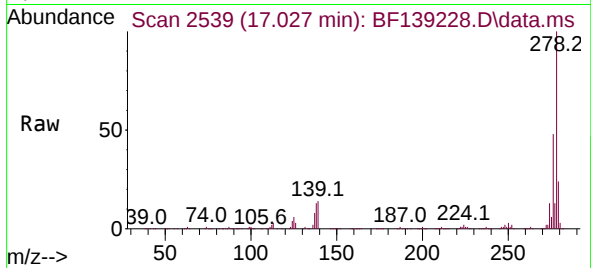




#91
Dibenzo(a,h)anthracene
Concen: 50.130 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Instrument :
BNA_F
ClientSampleId :
PB163089BS

Tgt Ion:278 Resp: 662832
Ion Ratio Lower Upper
278 100
139 13.5 10.8 16.2
279 23.8 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 46.826 ng
RT: 17.457 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF139228.D
Acq: 03 Sep 2024 11:23

Tgt Ion:276 Resp: 624021
Ion Ratio Lower Upper
276 100
277 23.6 18.6 27.8
138 18.4 14.5 21.7

