

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138261.D
 Acq On : 20 Jun 2024 13:02
 Operator : CG\JU
 Sample : PB161578BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161578BS

Quant Time: Jun 20 13:24:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	390597	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1555959	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	848626	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1439618	20.000	ng	0.00
76) Chrysene-d12	14.051	240	749833	20.000	ng	0.00
86) Perylene-d12	15.521	264	751342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2574011	110.238	ng	0.01
7) Phenol-d6	6.528	99	3245406	109.612	ng	0.00
23) Nitrobenzene-d5	7.457	82	2063227	77.196	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	989181	117.087	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3659754	68.576	ng	0.00
79) Terphenyl-d14	12.998	244	3714665	78.463	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	317822	29.743	ng	98
3) Pyridine	3.522	79	755379	29.744	ng	97
4) n-Nitrosodimethylamine	3.487	42	473944	40.324	ng	92
6) Aniline	6.551	93	673759	23.257	ng	100
8) 2-Chlorophenol	6.675	128	1103456	43.712	ng	98
9) Benzaldehyde	6.439	77	460596	29.290	ng	97
10) Phenol	6.540	94	1228125	40.873	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	1025369	42.638	ng	99
12) 1,3-Dichlorobenzene	6.828	146	1091975	38.063	ng	99
13) 1,4-Dichlorobenzene	6.904	146	1112332	38.528	ng	100
14) 1,2-Dichlorobenzene	7.057	146	1077851	39.769	ng	99
15) Benzyl Alcohol	7.034	79	892743	44.718	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1339157	39.457	ng	97
17) 2-Methylphenol	7.145	107	847989	42.577	ng	96
18) Hexachloroethane	7.398	117	404519	41.358	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	715543	40.771	ng	98
20) 3+4-Methylphenols	7.298	107	973730	38.843	ng	97
22) Acetophenone	7.298	105	1371655	38.590	ng	# 90
24) Nitrobenzene	7.475	77	1082318	39.181	ng	93
25) Isophorone	7.710	82	2017513	41.732	ng	99
26) 2-Nitrophenol	7.786	139	605995	54.556	ng	99
27) 2,4-Dimethylphenol	7.822	122	740885	43.841	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	1237793	40.902	ng	100
29) 2,4-Dichlorophenol	8.028	162	901132	41.418	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	1005022	39.169	ng	99
31) Naphthalene	8.192	128	2951195	38.358	ng	100
32) Benzoic acid	7.963	122	757016	50.826	ng	99
33) 4-Chloroaniline	8.239	127	659554	22.936	ng	99
34) Hexachlorobutadiene	8.304	225	572172	38.129	ng	98
35) Caprolactam	8.622	113	175420	26.707	ng	99
36) 4-Chloro-3-methylphenol	8.728	107	925054	42.703	ng	99
37) 2-Methylnaphthalene	8.881	142	1983633	39.284	ng	99
38) 1-Methylnaphthalene	8.981	142	1847990	37.347	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	981213	39.568	ng	99
41) Hexachlorocyclopentadiene	9.033	237	804022	99.434	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	674185	43.419	ng	99

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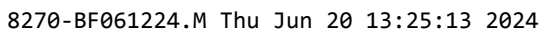
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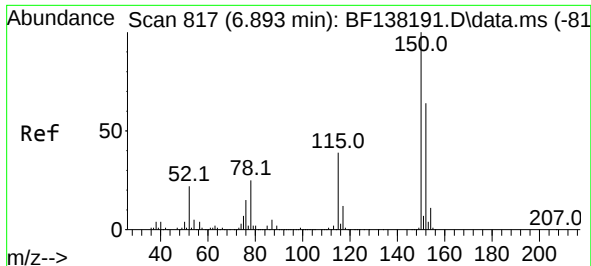
Quant Time: Jun 20 13:24:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	712580	41.789	ng	99
46) 1,1'-Biphenyl	9.351	154	2360813	37.912	ng	99
47) 2-Chloronaphthalene	9.375	162	1899106	38.589	ng	99
48) 2-Nitroaniline	9.469	65	566041	47.760	ng	97
49) Acenaphthylene	9.792	152	2858736	41.426	ng	100
50) Dimethylphthalate	9.651	163	2215998	42.619	ng	100
51) 2,6-Dinitrotoluene	9.716	165	527271	46.744	ng	# 80
52) Acenaphthene	9.963	154	1780569	37.838	ng	99
53) 3-Nitroaniline	9.880	138	412228	34.209	ng	97
54) 2,4-Dinitrophenol	9.992	184	610451	98.045	ng	# 85
55) Dibenzofuran	10.133	168	2594150	39.435	ng	99
56) 4-Nitrophenol	10.045	139	867771	91.125	ng	97
57) 2,4-Dinitrotoluene	10.116	165	694968	49.952	ng	# 91
58) Fluorene	10.475	166	1947054	37.645	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	579899	43.515	ng	99
60) Diethylphthalate	10.351	149	2085920	42.269	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	1004806	39.008	ng	97
62) 4-Nitroaniline	10.498	138	476185	39.550	ng	98
63) Azobenzene	10.627	77	1988019	40.211	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	404110	54.064	ng	94
66) n-Nitrosodiphenylamine	10.586	169	1797431	40.782	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	676658	41.712	ng	# 93
68) Hexachlorobenzene	11.022	284	764934	40.406	ng	97
69) Atrazine	11.116	200	560183	44.623	ng	99
70) Pentachlorophenol	11.216	266	852852	77.246	ng	97
71) Phenanthrene	11.439	178	2838202	39.866	ng	100
72) Anthracene	11.492	178	2805472	39.689	ng	100
73) Carbazole	11.645	167	2477843	38.219	ng	99
74) Di-n-butylphthalate	11.974	149	2887961	43.028	ng	99
75) Fluoranthene	12.621	202	2728827	37.588	ng	98
77) Benzidine	12.739	184	80283	9.257	ng	97
78) Pyrene	12.851	202	2722274	42.090	ng	100
80) Butylbenzylphthalate	13.468	149	982082	55.823	ng	97
81) Benzo(a)anthracene	14.039	228	2029366	42.186	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	568727	42.932	ng	99
83) Chrysene	14.074	228	1960777	42.762	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1226838	59.958	ng	99
85) Di-n-octyl phthalate	14.639	149	2107138	69.319	ng	98
87) Indeno(1,2,3-cd)pyrene	17.009	276	2644222	53.986	ng	99
88) Benzo(b)fluoranthene	15.092	252	2068468	46.684	ng	99
89) Benzo(k)fluoranthene	15.121	252	2007576	46.233	ng	99
90) Benzo(a)pyrene	15.462	252	1919289	50.422	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	2184146	54.327	ng	99
92) Benzo(g,h,i)perylene	17.462	276	2130299	51.220	ng	99

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

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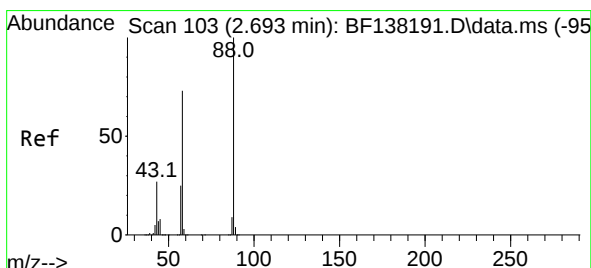
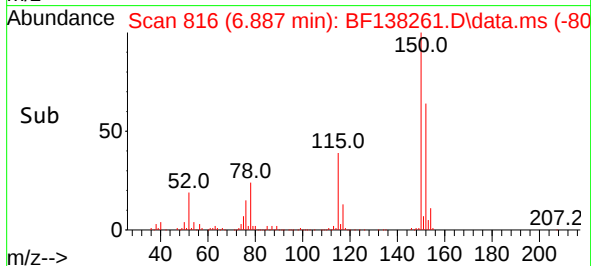
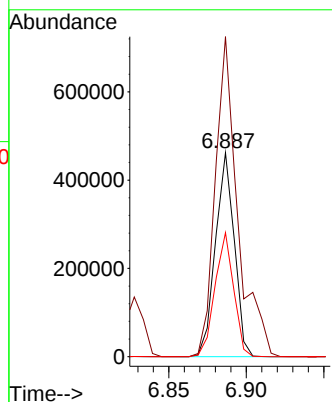
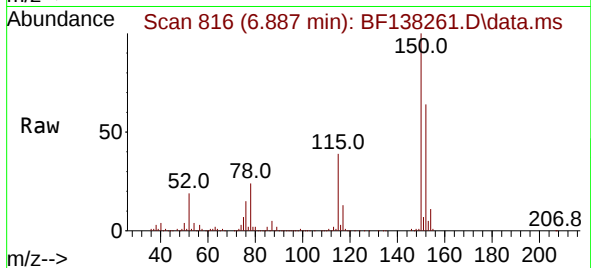




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF138261.D
 Acq: 20 Jun 2024 13:02

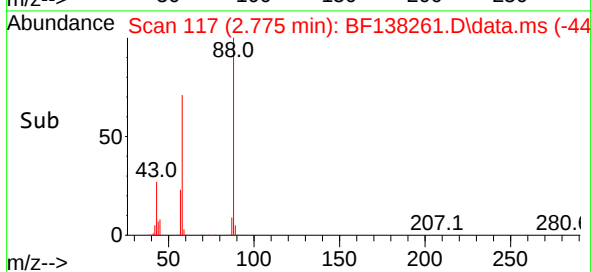
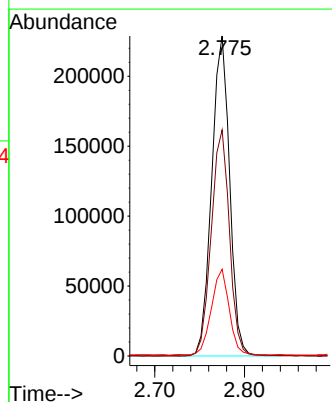
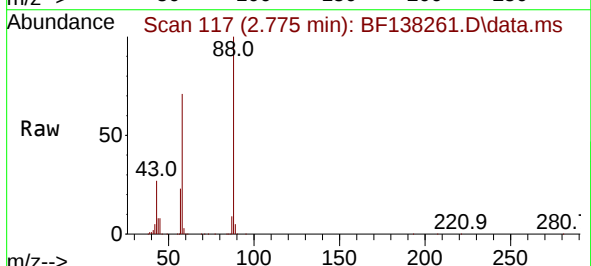
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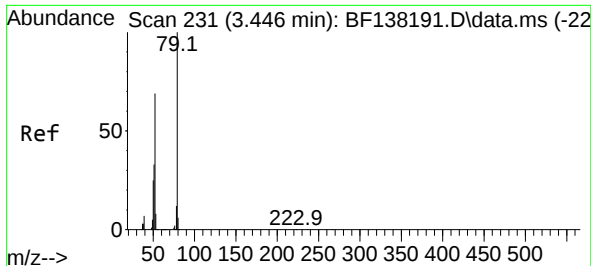
Tgt Ion:152 Resp: 390597
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.0 187.4
 115 60.8 48.4 72.6



#2
 1,4-Dioxane
 Concen: 29.743 ng
 RT: 2.775 min Scan# 117
 Delta R.T. 0.082 min
 Lab File: BF138261.D
 Acq: 20 Jun 2024 13:02

Tgt Ion: 88 Resp: 317822
 Ion Ratio Lower Upper
 88 100
 58 71.7 58.6 87.8
 43 26.9 22.4 33.6

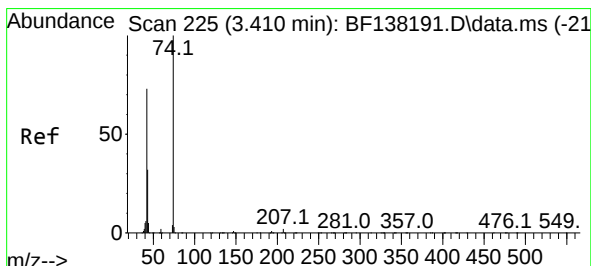
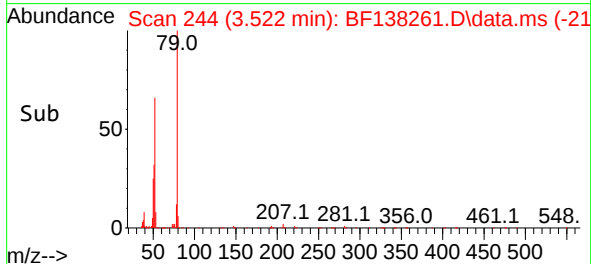
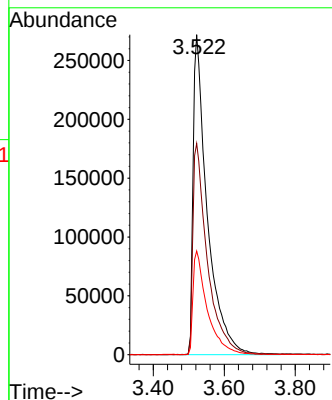
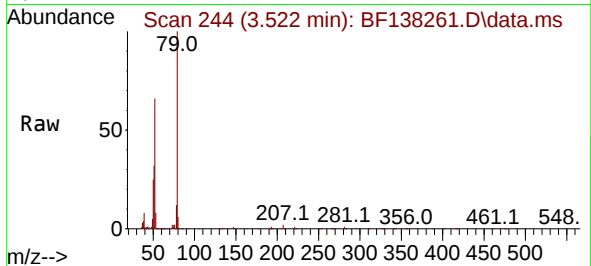




#3
Pyridine
Concen: 29.744 ng
RT: 3.522 min Scan# 24
Delta R.T. 0.076 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

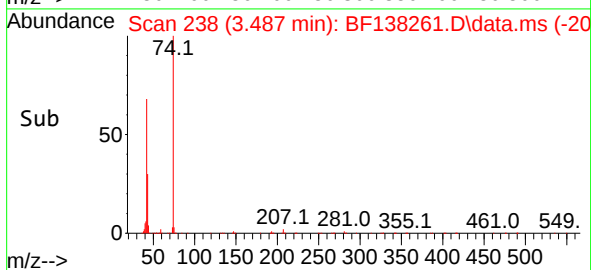
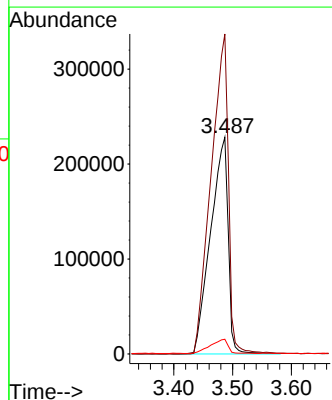
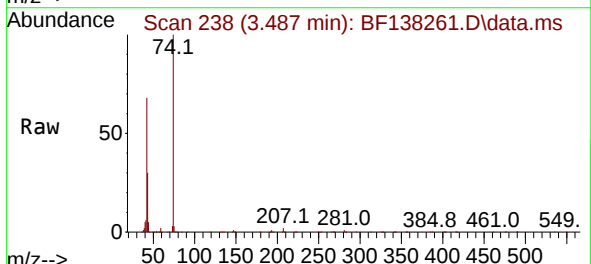
Instrument :
BNA_F
ClientSampleId :
PB161578BS

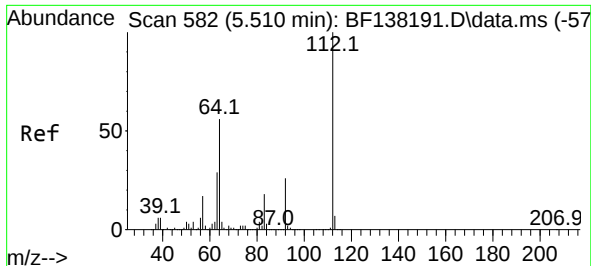
Tgt Ion: 79 Resp: 755379
Ion Ratio Lower Upper
79 100
52 66.0 55.0 82.4
51 32.4 26.9 40.3



#4
n-Nitrosodimethylamine
Concen: 40.324 ng
RT: 3.487 min Scan# 238
Delta R.T. 0.076 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion: 42 Resp: 473944
Ion Ratio Lower Upper
42 100
74 147.8 109.9 164.9
44 6.8 5.2 7.8

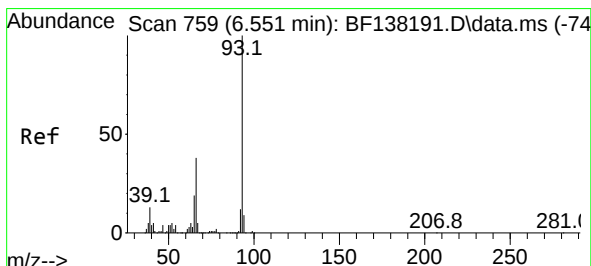
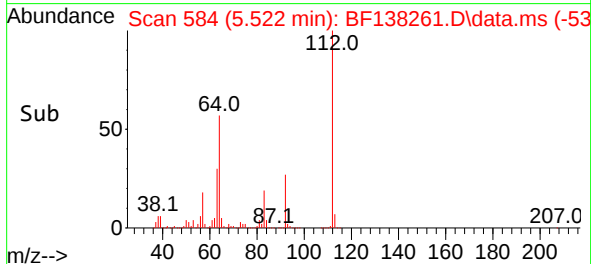
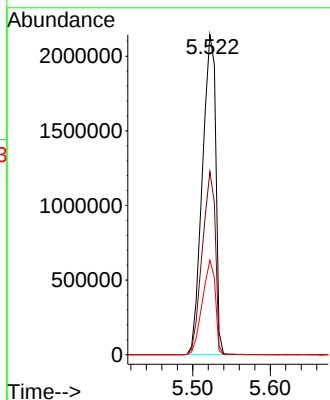
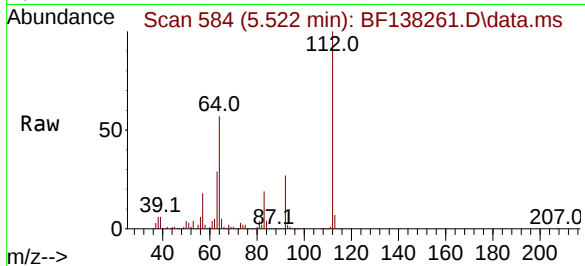




#5
2-Fluorophenol
Concen: 110.238 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

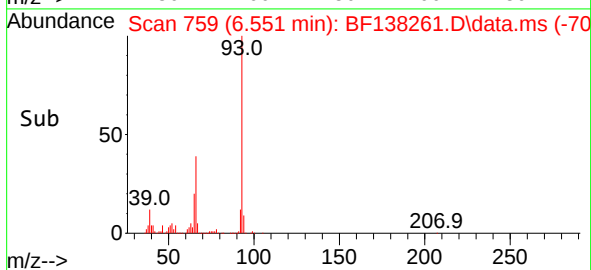
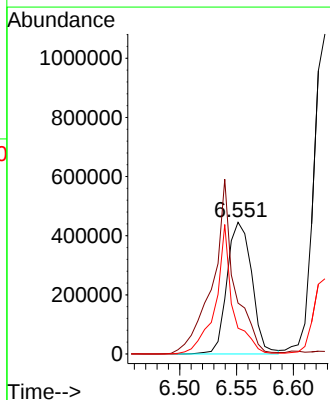
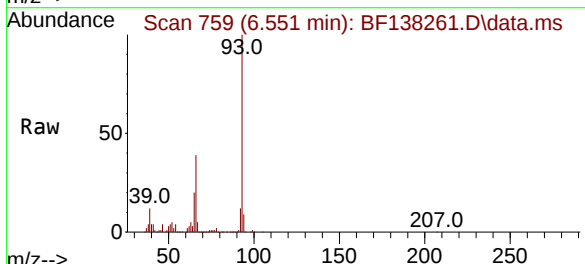
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:112 Resp: 2574011
Ion Ratio Lower Upper
112 100
64 57.2 45.2 67.8
63 29.5 22.9 34.3



#6
Aniline
Concen: 23.257 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion: 93 Resp: 673759
Ion Ratio Lower Upper
93 100
66 38.6 30.8 46.2
65 19.6 15.5 23.3

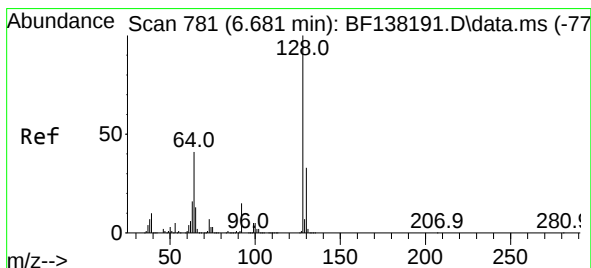
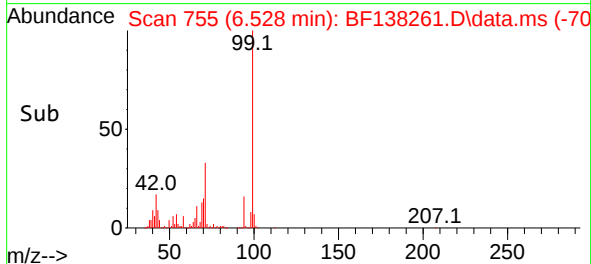
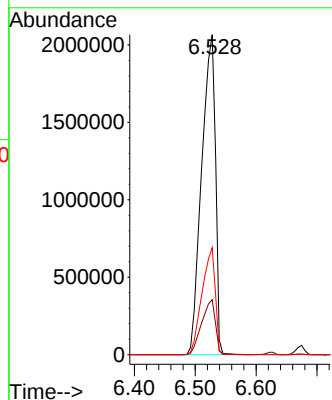
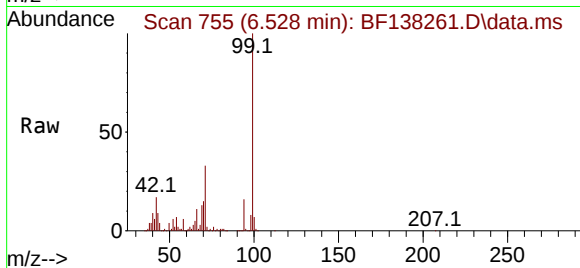




#7
Phenol-d6
Concen: 109.612 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

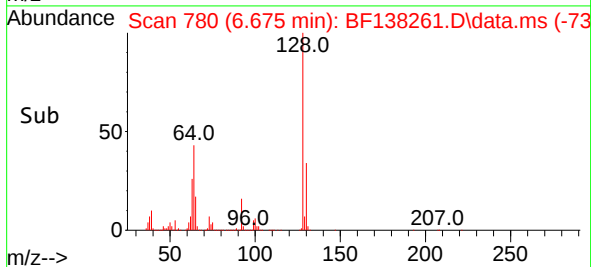
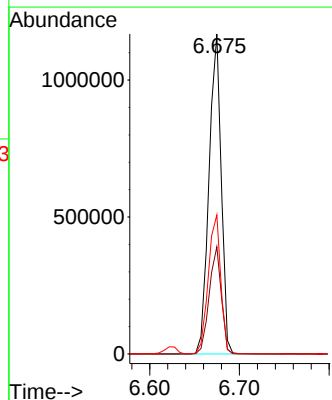
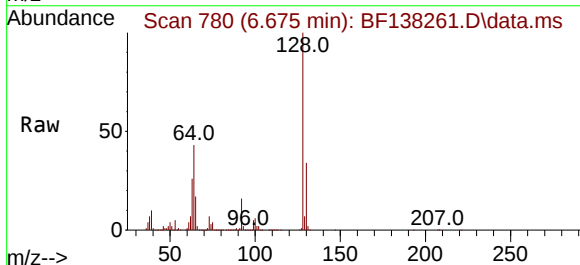
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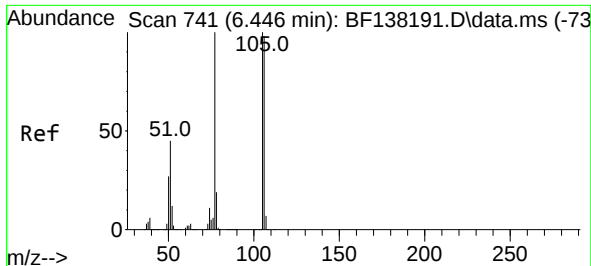
Tgt Ion: 99 Resp: 3245406
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 33.5 25.0 37.6



#8
2-Chlorophenol
Concen: 43.712 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion: 128 Resp: 1103456
Ion Ratio Lower Upper
128 100
130 33.5 13.1 53.1
64 43.4 21.8 61.8

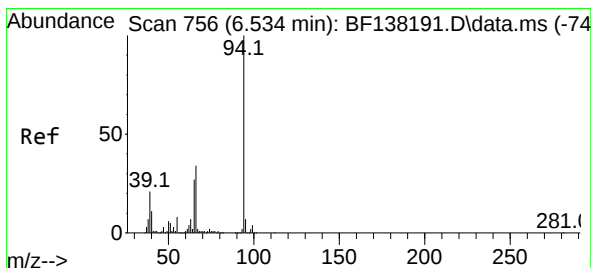
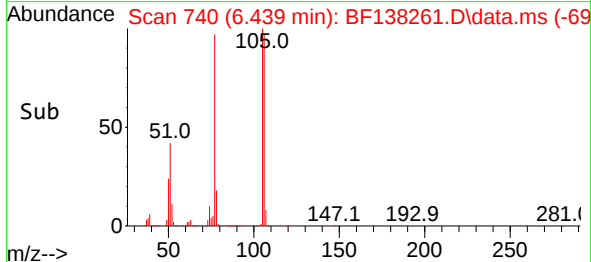
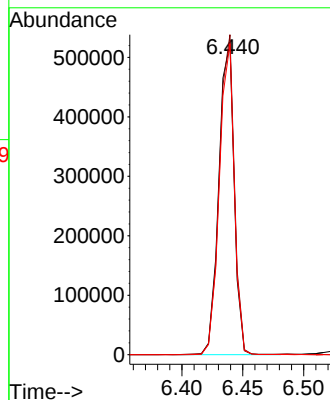
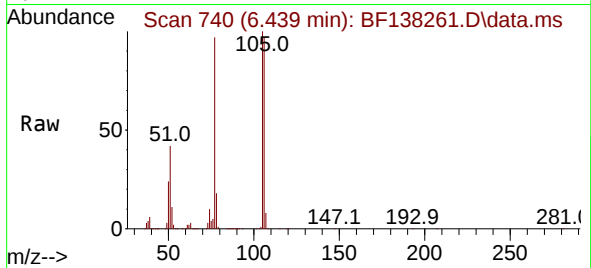




#9
Benzaldehyde
Concen: 29.290 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

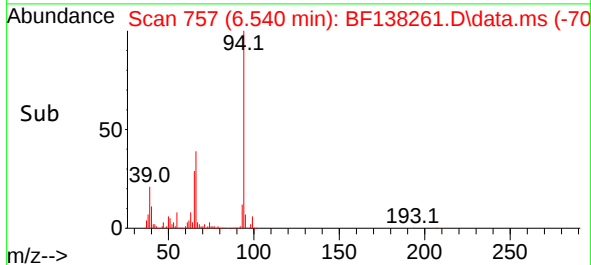
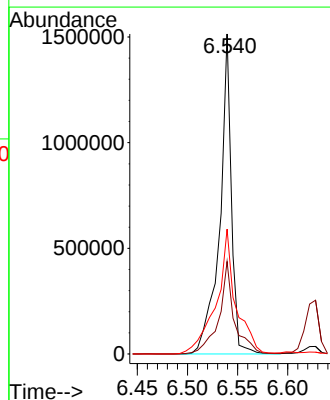
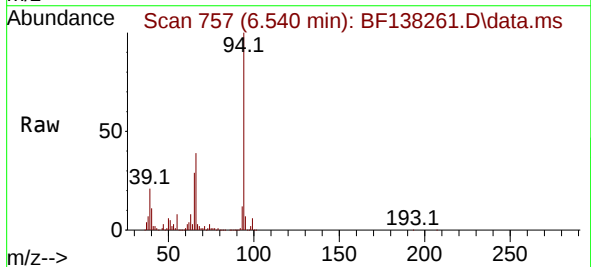
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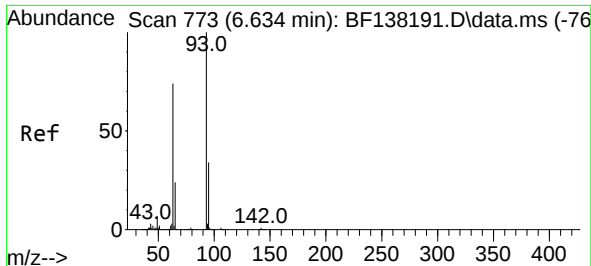
Tgt Ion: 77 Resp: 460596
Ion Ratio Lower Upper
77 100
105 103.1 80.1 120.1
106 100.2 77.8 117.8



#10
Phenol
Concen: 40.873 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion: 94 Resp: 1228125
Ion Ratio Lower Upper
94 100
65 28.9 6.8 46.8
66 39.0 14.2 54.2





#11

bis(2-Chloroethyl)ether

Concen: 42.638 ng

RT: 6.628 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

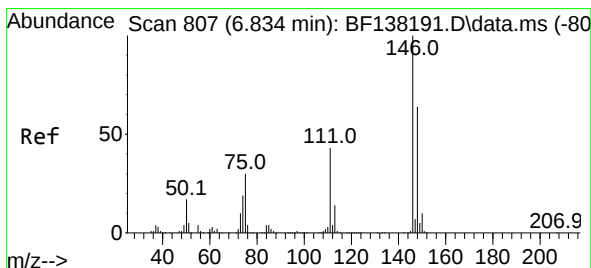
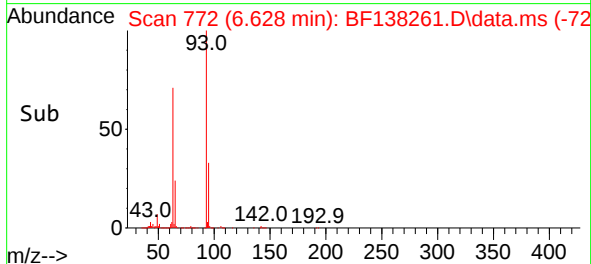
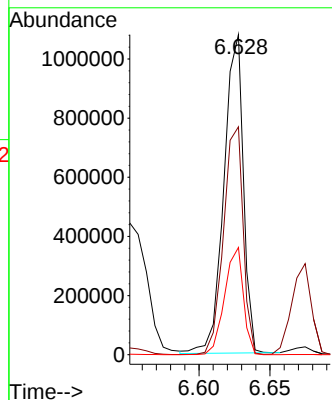
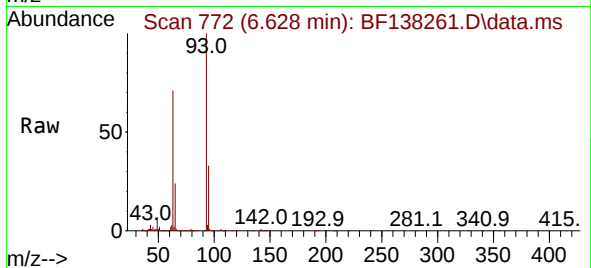
BNA_F

ClientSampleId :

PB161578BS

Tgt Ion: 93 Resp: 1025369

Ion	Ratio	Lower	Upper
93	100		
63	71.2	52.5	92.5
95	33.5	13.2	53.2



#12

1,3-Dichlorobenzene

Concen: 38.063 ng

RT: 6.828 min Scan# 806

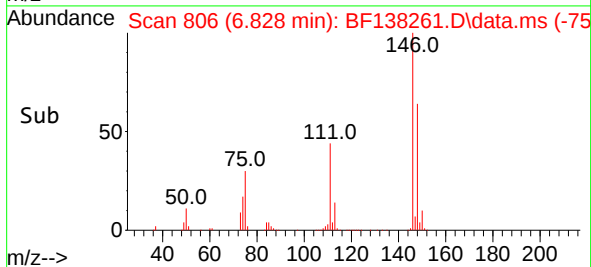
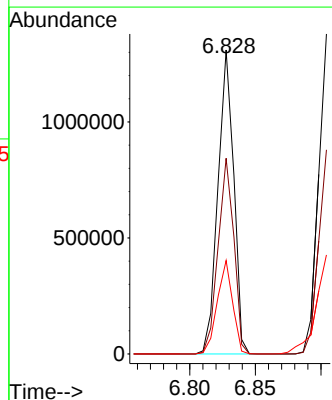
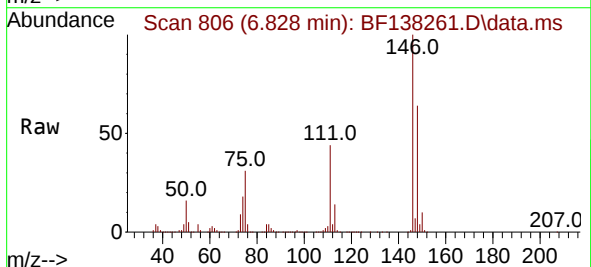
Delta R.T. -0.006 min

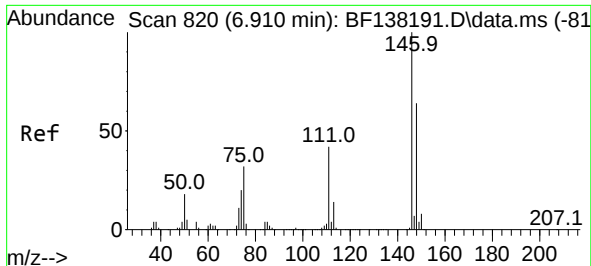
Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Tgt Ion:146 Resp: 1091975

Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.0	76.6
75	30.7	24.3	36.5

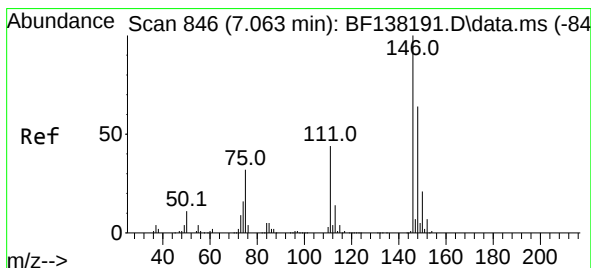
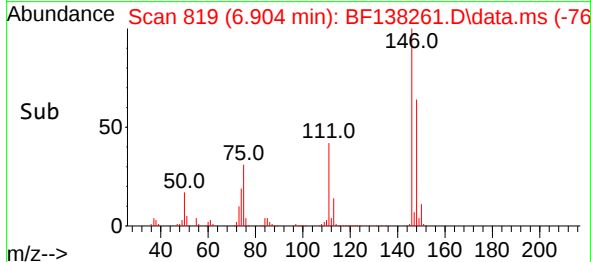
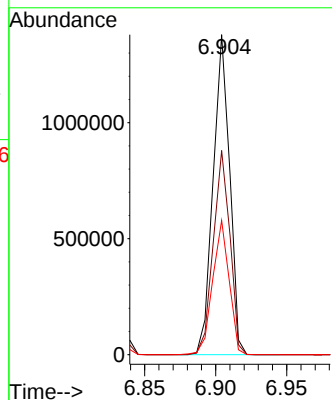
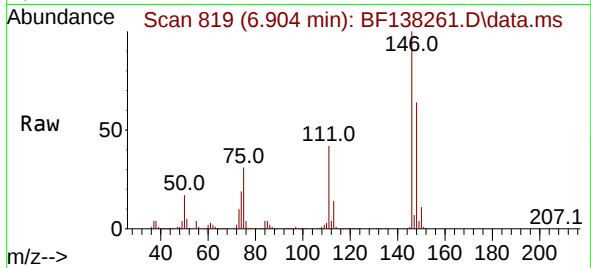




#13
1,4-Dichlorobenzene
Concen: 38.528 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

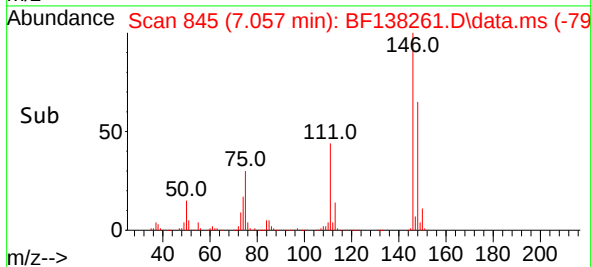
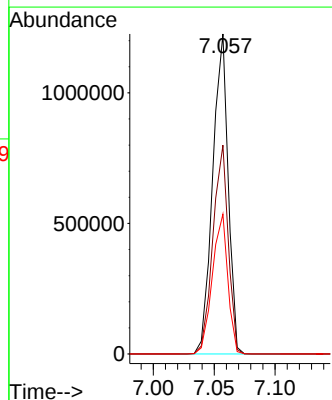
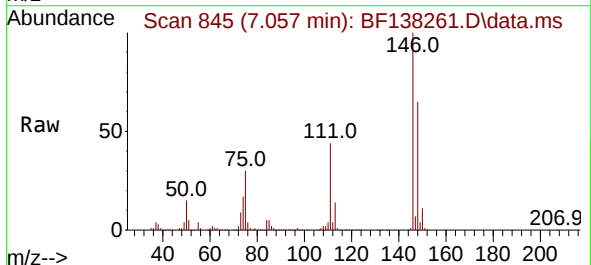
Instrument :
BNA_F
ClientSampleId :
PB161578BS

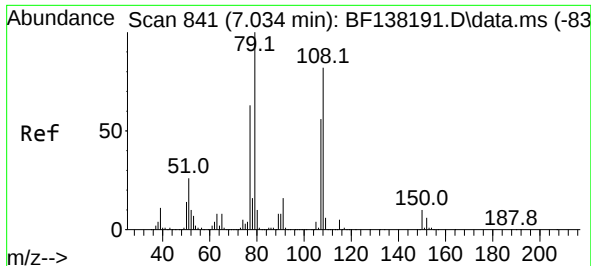
Tgt Ion:146 Resp: 1112332
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 42.0 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 39.769 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:146 Resp: 1077851
Ion Ratio Lower Upper
146 100
148 65.3 51.2 76.8
111 43.7 35.4 53.2

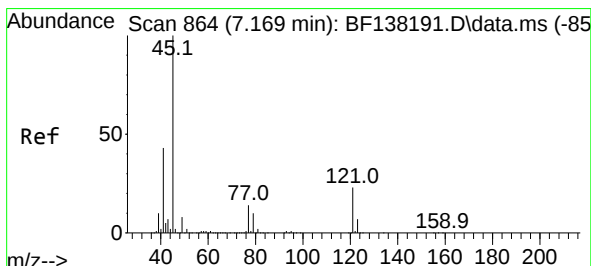
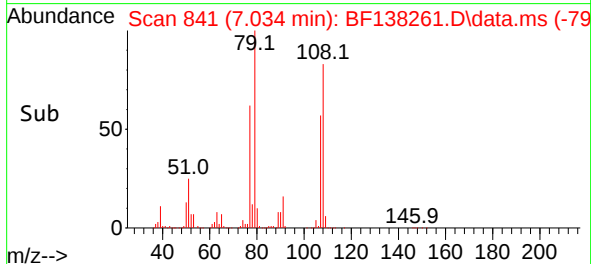
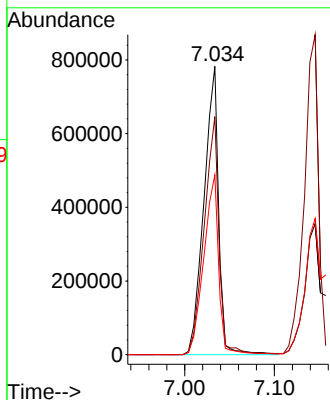
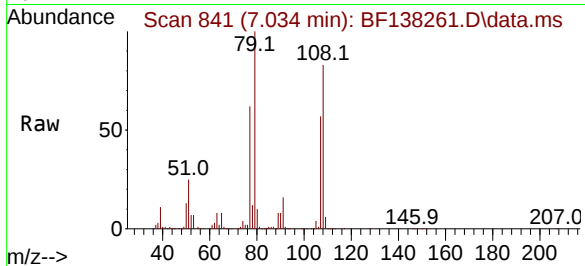




#15
Benzyl Alcohol
Concen: 44.718 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

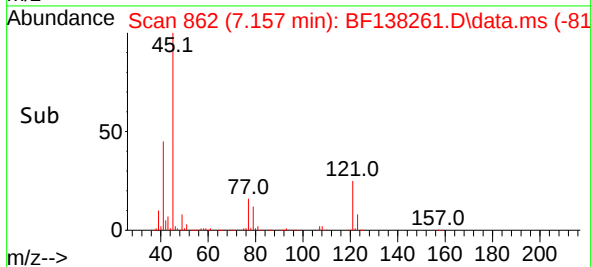
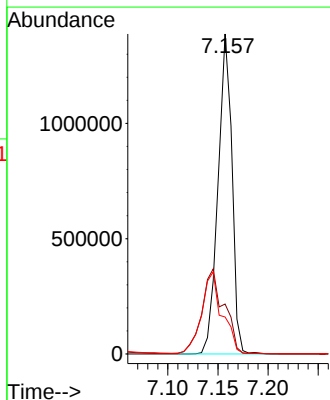
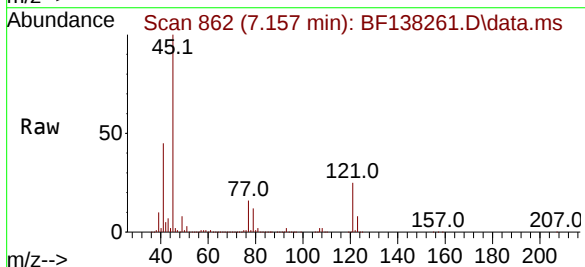
Instrument :
BNA_F
ClientSampleId :
PB161578BS

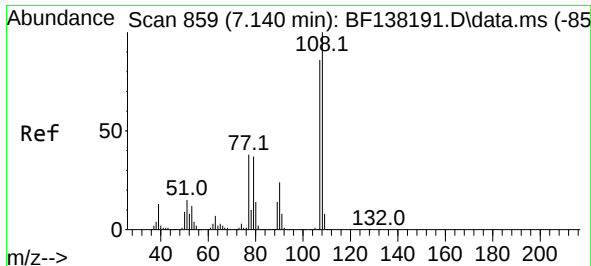
Tgt Ion: 79 Resp: 892743
Ion Ratio Lower Upper
79 100
108 82.6 65.9 98.9
77 62.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.457 ng
RT: 7.157 min Scan# 862
Delta R.T. -0.012 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion: 45 Resp: 1339157
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.9
79 11.6 0.0 30.7

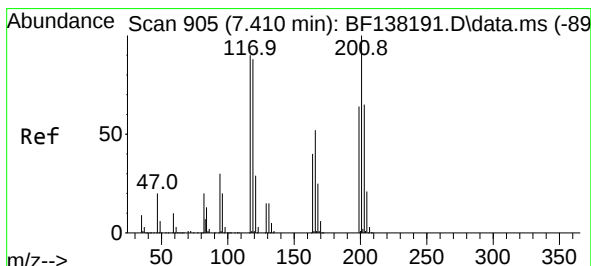
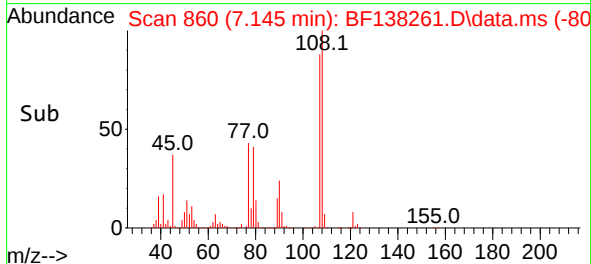
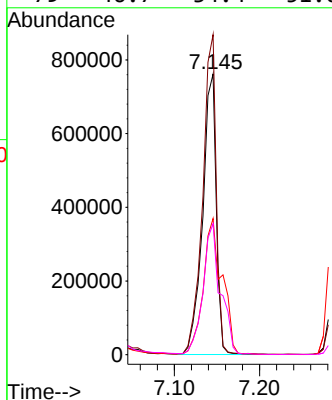
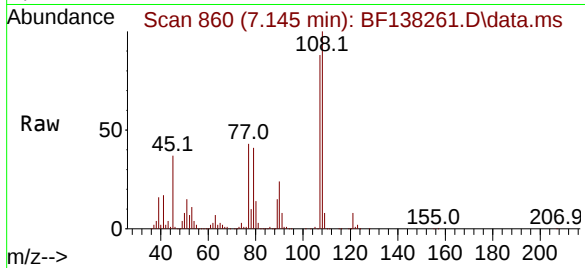




#17
2-Methylphenol
Concen: 42.577 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

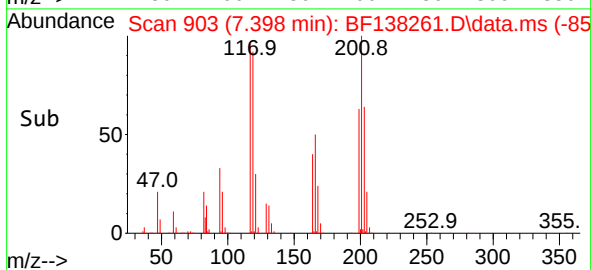
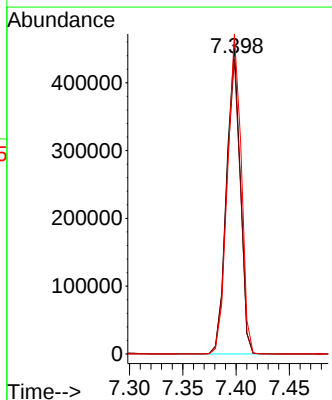
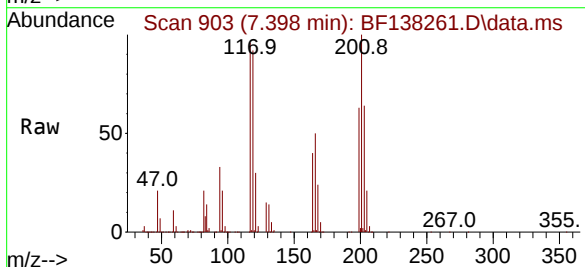
Instrument :
BNA_F
ClientSampleId :
PB161578BS

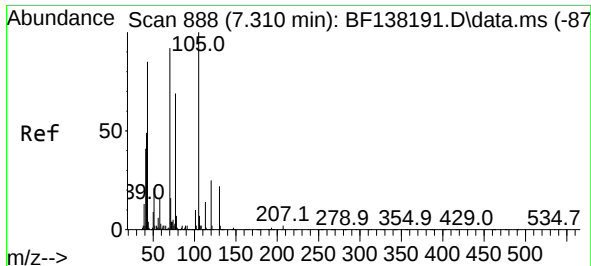
Tgt Ion:107 Resp: 847989
Ion Ratio Lower Upper
107 100
108 114.0 92.7 139.1
77 48.5 35.7 53.5
79 46.7 34.4 51.6



#18
Hexachloroethane
Concen: 41.358 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:117 Resp: 404519
Ion Ratio Lower Upper
117 100
119 95.7 78.4 117.6
201 103.8 89.0 133.6

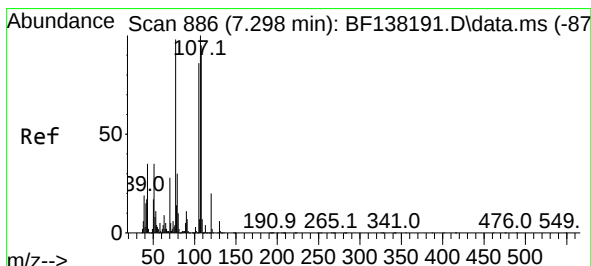
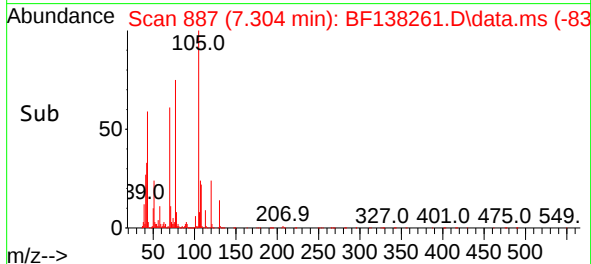
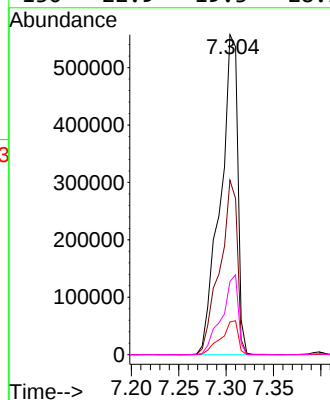
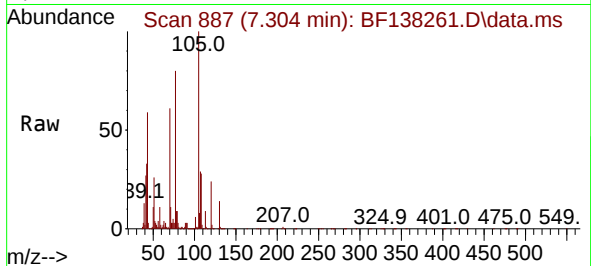




#19
n-Nitroso-di-n-propylamine
Concen: 40.771 ng
RT: 7.304 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

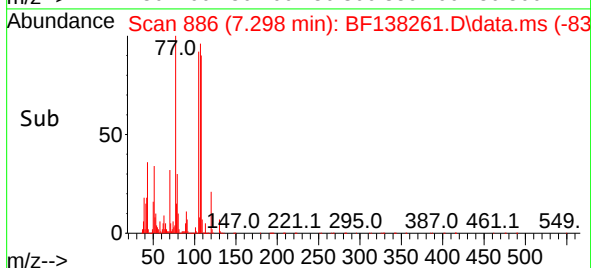
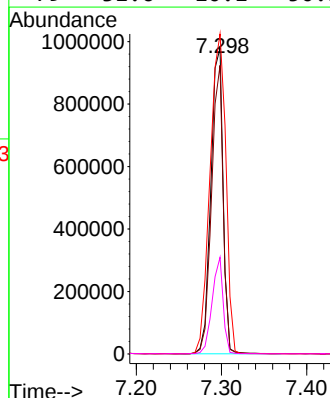
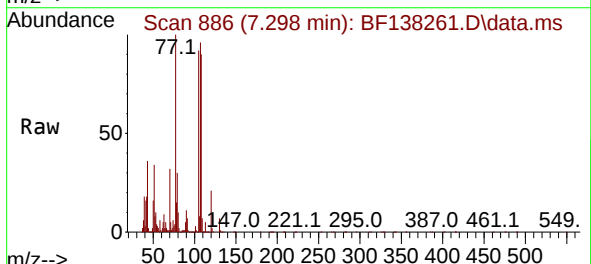
Instrument :
BNA_F
ClientSampleId :
PB161578BS

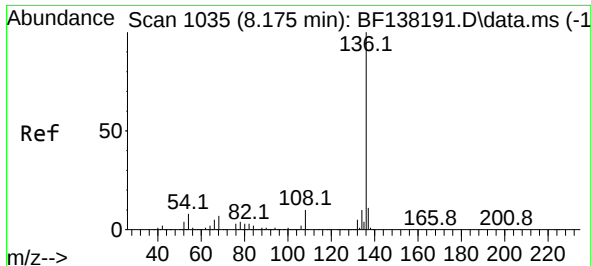
Tgt Ion:	70	Resp:	715543
Ion	Ratio	Lower	Upper
70	100		
42	54.5	42.8	64.2
101	10.3	8.4	12.6
130	22.9	19.3	28.9



#20
3+4-Methylphenols
Concen: 38.843 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:	107	Resp:	973730
Ion	Ratio	Lower	Upper
107	100		
108	94.3	74.9	114.9
77	104.6	78.2	118.2
79	31.6	10.1	50.1

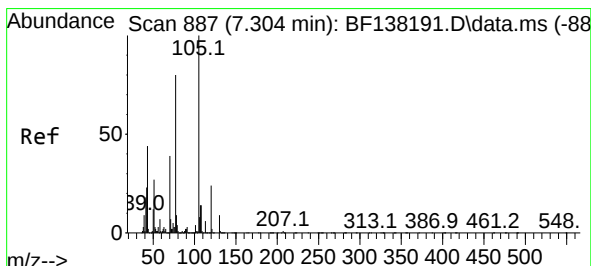
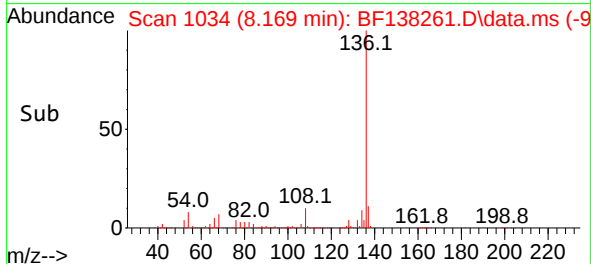
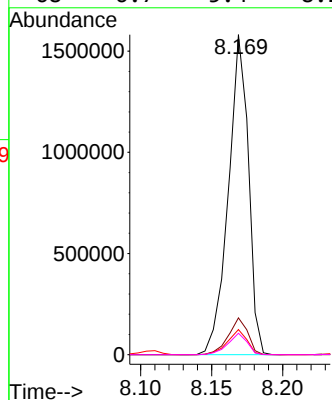
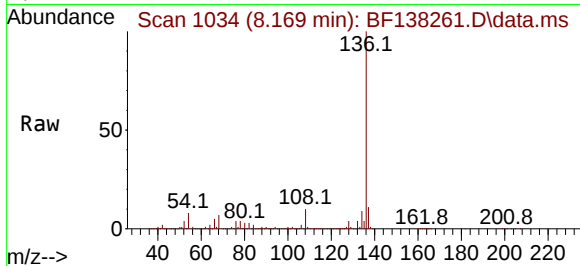




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

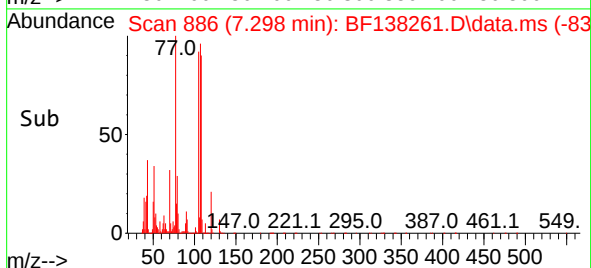
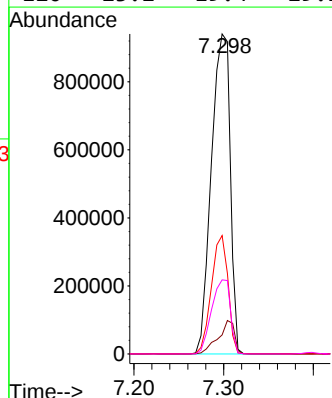
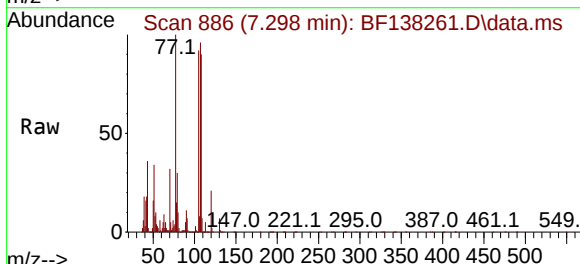
Instrument :
BNA_F
ClientSampleId :
PB161578BS

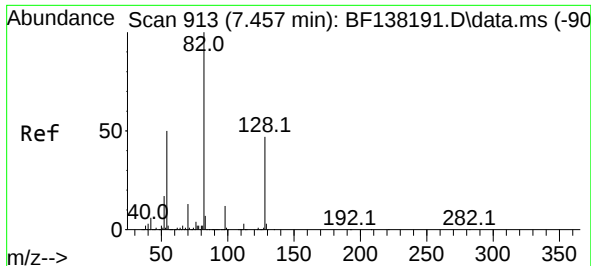
Tgt Ion:136 Resp: 1555959
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.9 6.6 10.0
68 6.7 5.4 8.2



#22
Acetophenone
Concen: 38.590 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:105 Resp: 1371655
Ion Ratio Lower Upper
105 100
71 6.0 5.4 8.2
51 37.0 21.4 32.0#
120 23.2 19.4 29.2





#23

Nitrobenzene-d5

Concen: 77.196 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

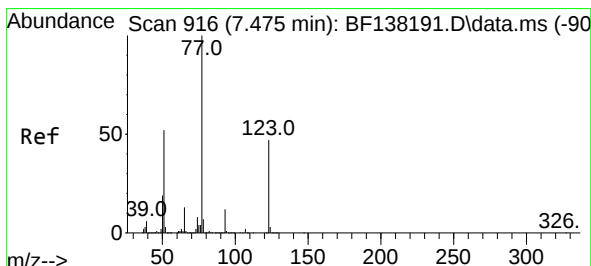
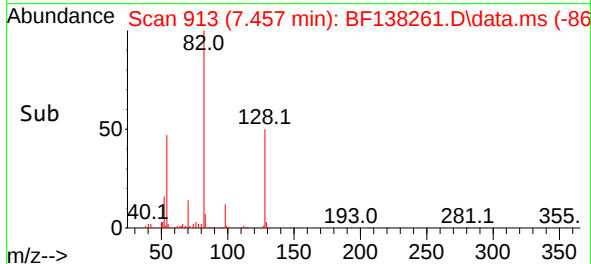
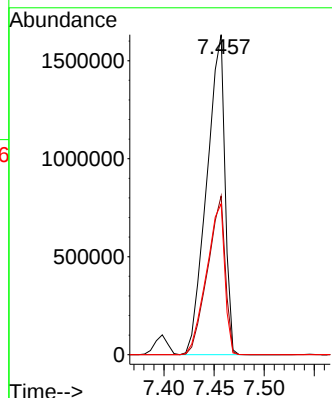
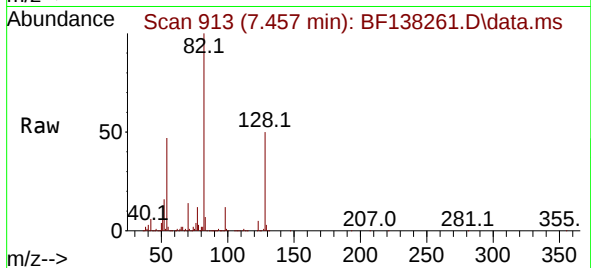
BNA_F

ClientSampleId :

PB161578BS

Tgt Ion: 82 Resp: 2063227

Ion	Ratio	Lower	Upper
82	100		
128	49.6	37.2	55.8
54	47.2	39.8	59.6



#24

Nitrobenzene

Concen: 39.181 ng

RT: 7.475 min Scan# 916

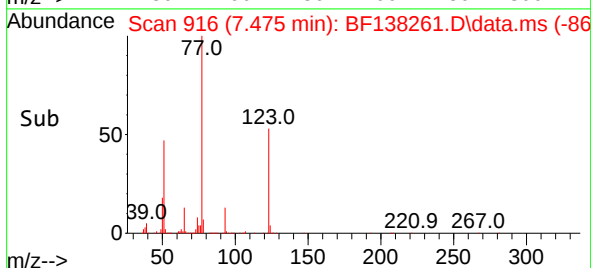
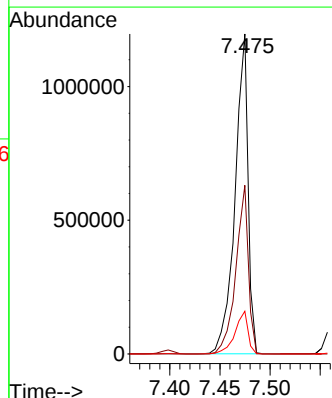
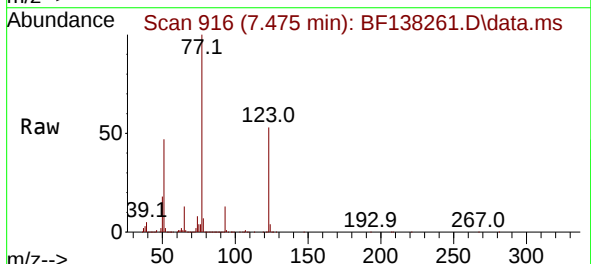
Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Tgt Ion: 77 Resp: 1082318

Ion	Ratio	Lower	Upper
77	100		
123	52.7	37.3	55.9
65	13.4	10.6	15.8

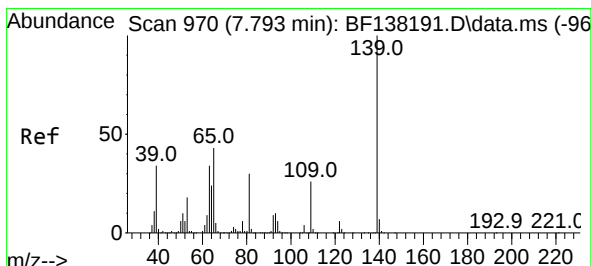
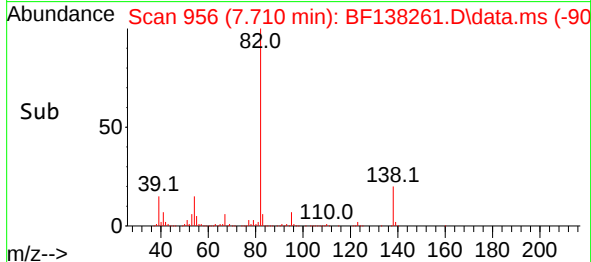
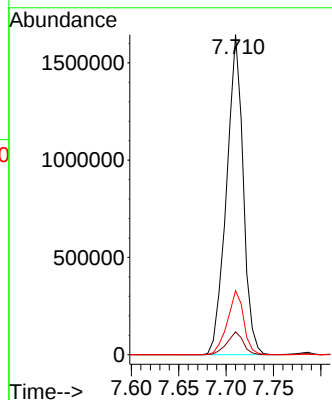
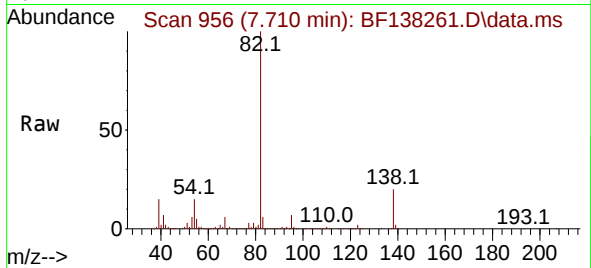




#25
Isophorone
Concen: 41.732 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

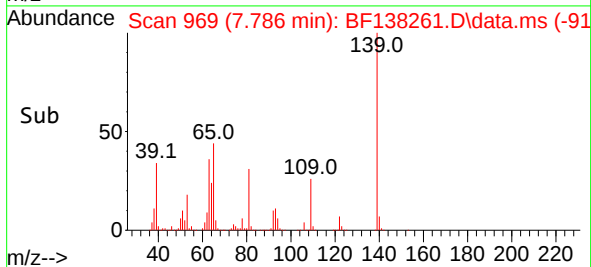
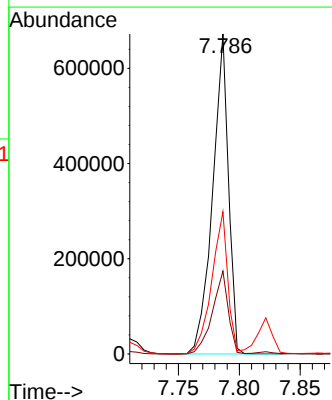
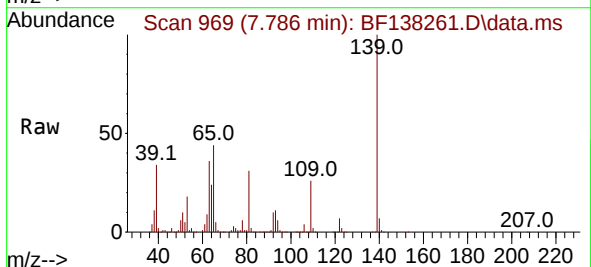
Instrument :
BNA_F
ClientSampleId :
PB161578BS

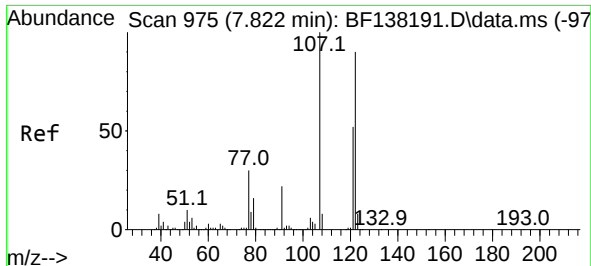
Tgt Ion: 82 Resp: 2017513
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 20.0 16.4 24.6



#26
2-Nitrophenol
Concen: 54.556 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.007 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion: 139 Resp: 605995
Ion Ratio Lower Upper
139 100
109 25.9 20.7 31.1
65 44.5 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 43.841 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

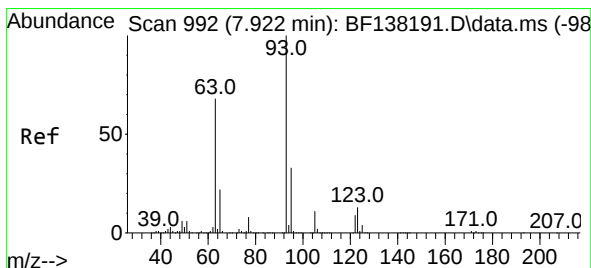
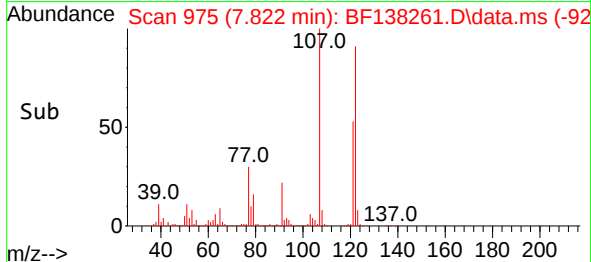
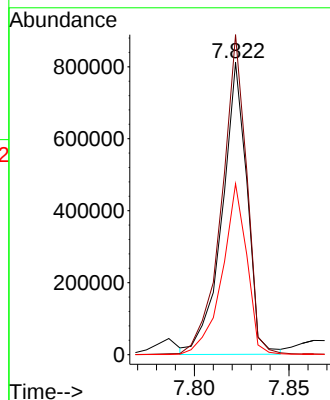
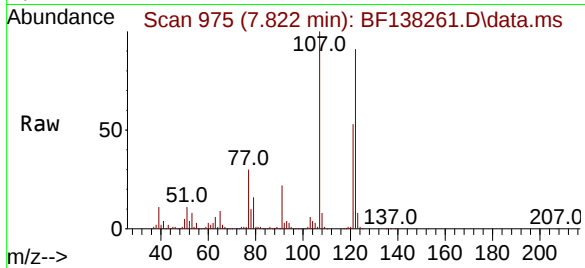
Tgt Ion:122 Resp: 740885

Ion Ratio Lower Upper

122 100

107 109.5 87.7 131.5

121 58.5 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.902 ng

RT: 7.922 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

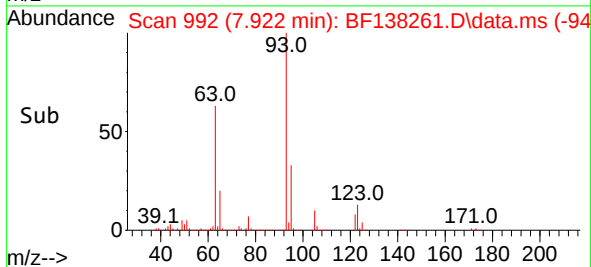
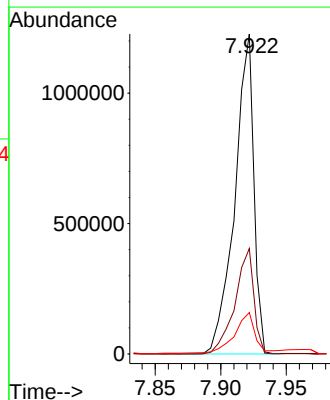
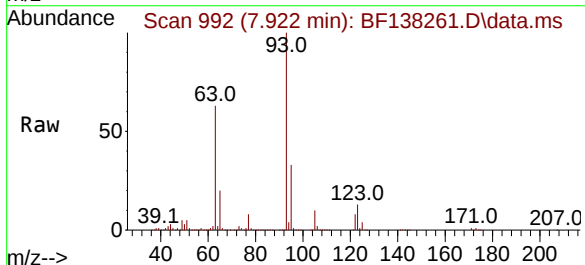
Tgt Ion: 93 Resp: 1237793

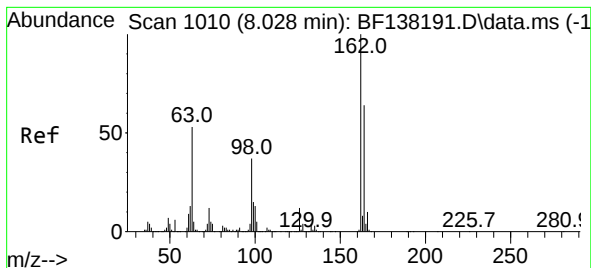
Ion Ratio Lower Upper

93 100

95 33.0 26.6 39.8

123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 41.418 ng

RT: 8.028 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

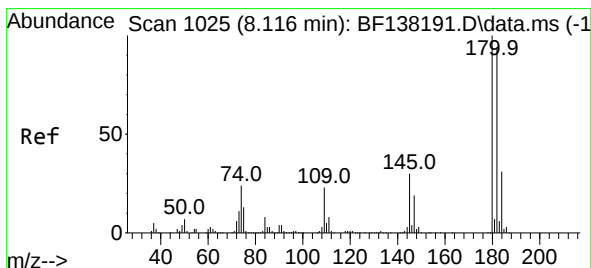
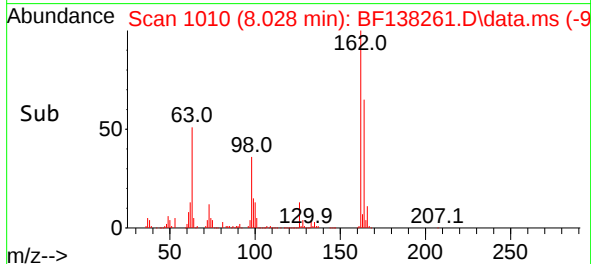
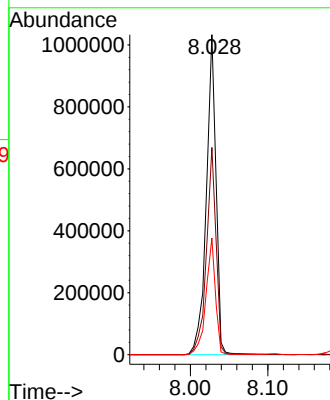
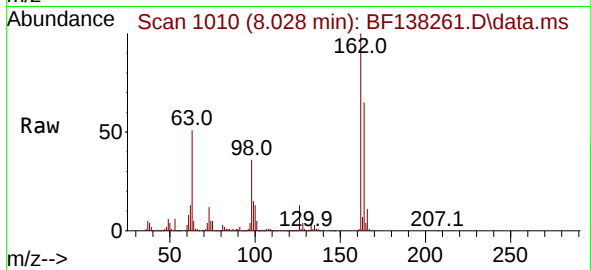
Tgt Ion:162 Resp: 901132

Ion Ratio Lower Upper

162 100

164 64.7 44.3 84.3

98 36.5 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 39.169 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

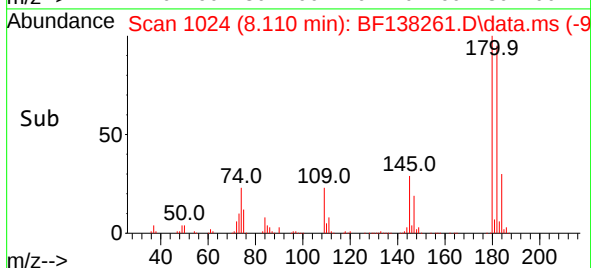
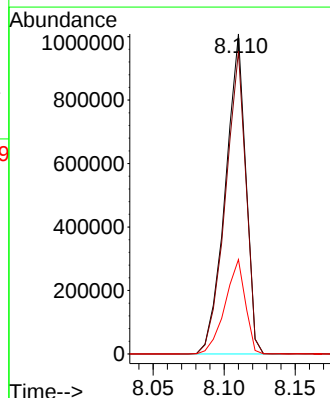
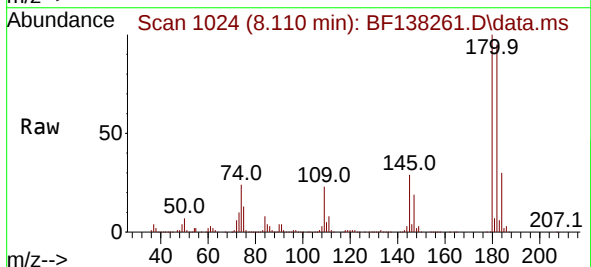
Tgt Ion:180 Resp: 1005022

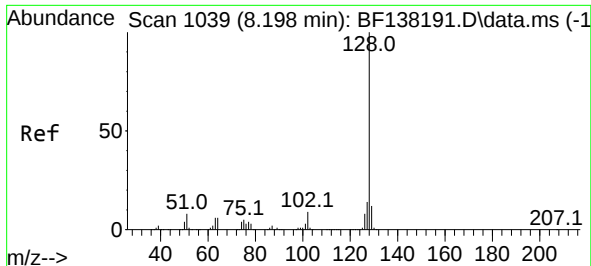
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.6

145 29.5 23.8 35.6

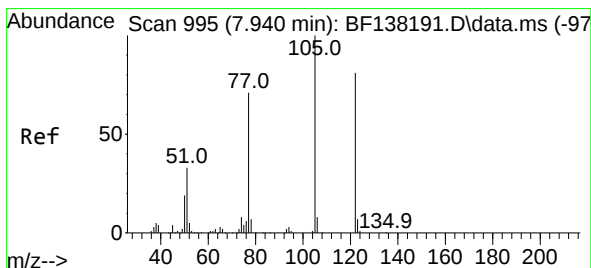
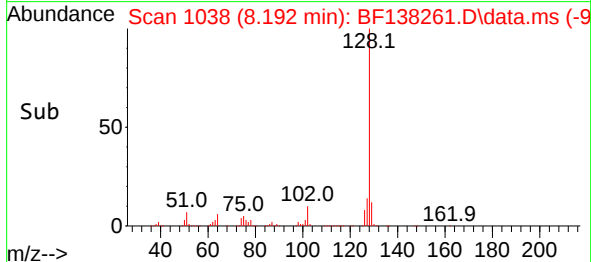
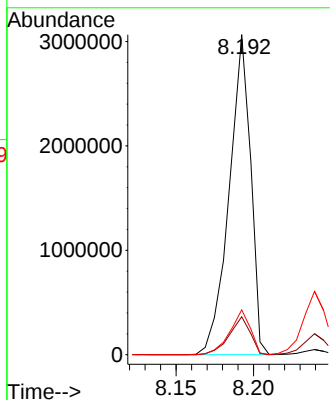
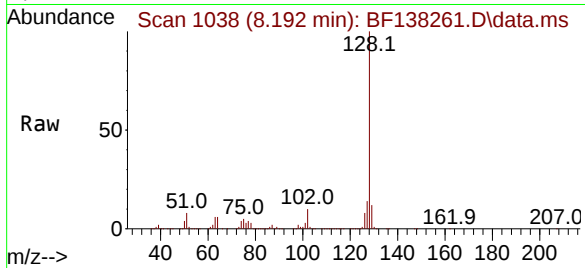




#31
Naphthalene
Concen: 38.358 ng
RT: 8.192 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

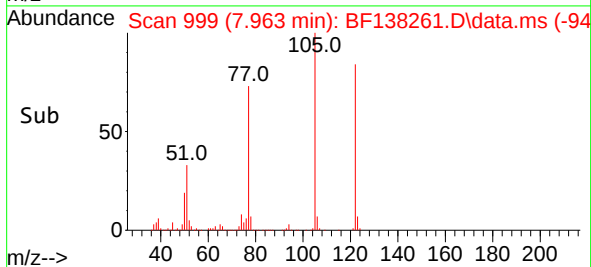
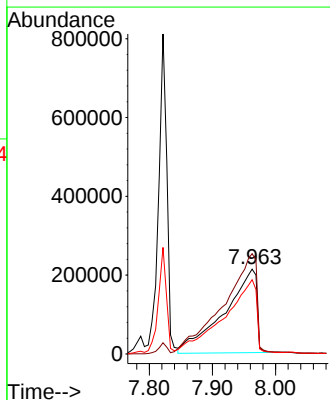
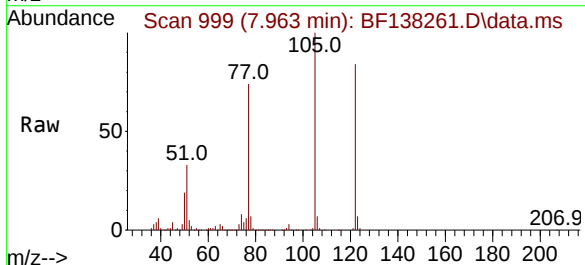
Instrument :
BNA_F
ClientSampleId :
PB161578BS

Tgt Ion:128 Resp: 2951195
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.0 11.0 16.6



#32
Benzoic acid
Concen: 50.826 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.023 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:122 Resp: 757016
Ion Ratio Lower Upper
122 100
105 118.4 100.1 140.1
77 87.6 66.5 106.5





#33

4-Chloroaniline

Concen: 22.936 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

Tgt Ion:127 Resp: 659554

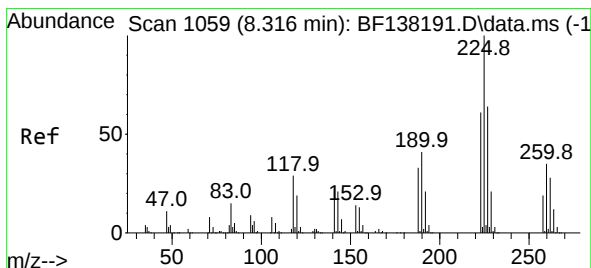
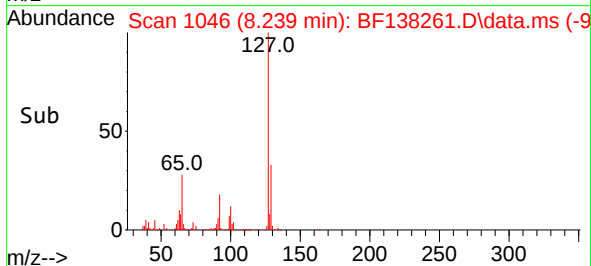
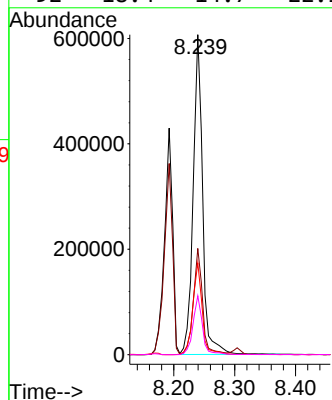
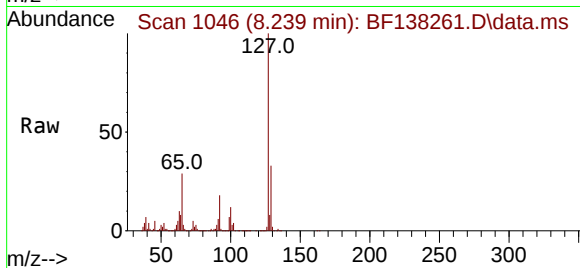
Ion Ratio Lower Upper

127 100

129 33.2 26.1 39.1

65 28.7 23.6 35.4

92 18.4 14.7 22.1



#34

Hexachlorobutadiene

Concen: 38.129 ng

RT: 8.304 min Scan# 1057

Delta R.T. -0.012 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

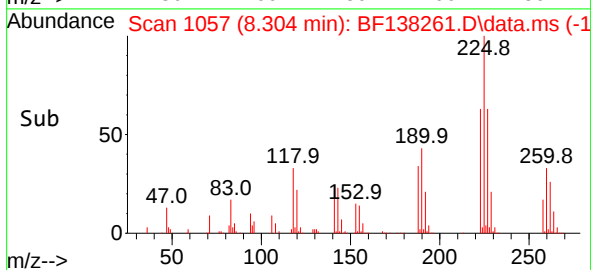
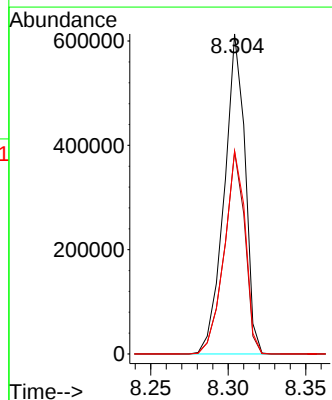
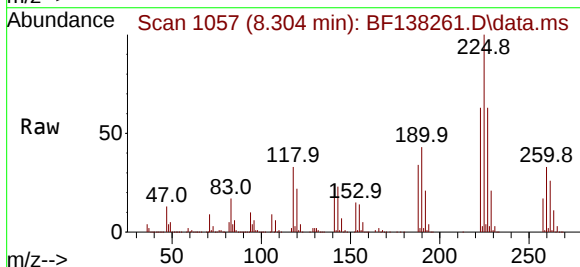
Tgt Ion:225 Resp: 572172

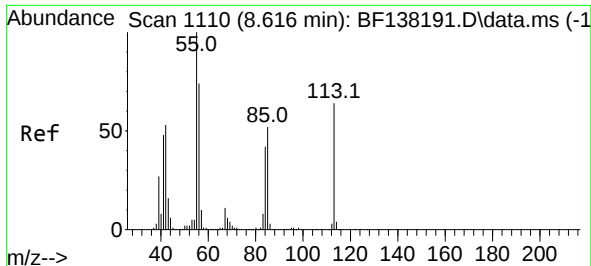
Ion Ratio Lower Upper

225 100

223 63.2 49.0 73.6

227 63.5 51.2 76.8

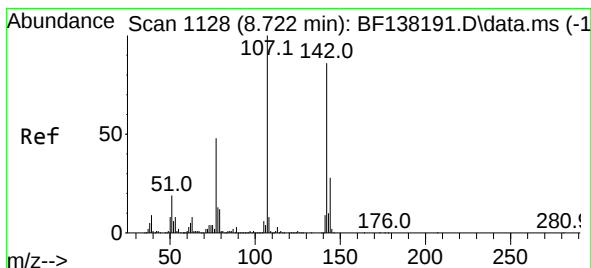
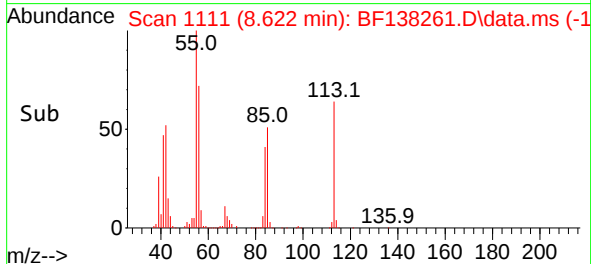
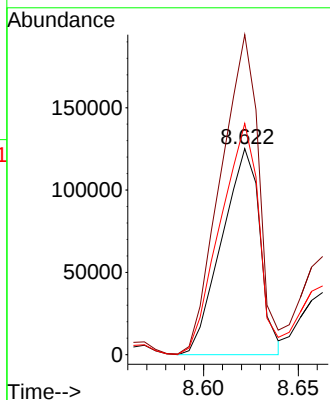
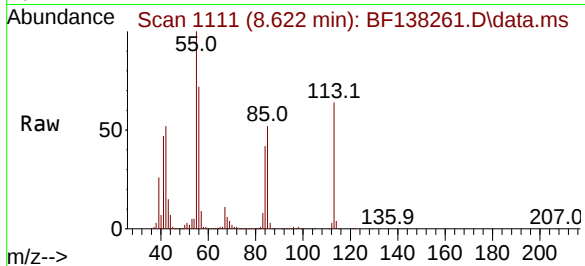




#35
Caprolactam
Concen: 26.707 ng
RT: 8.622 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

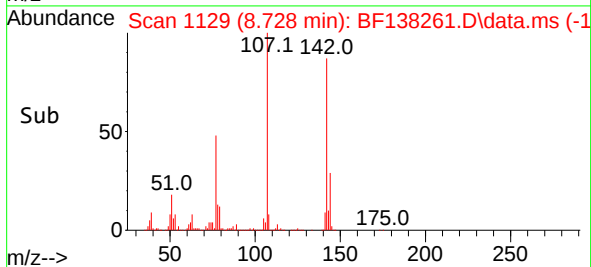
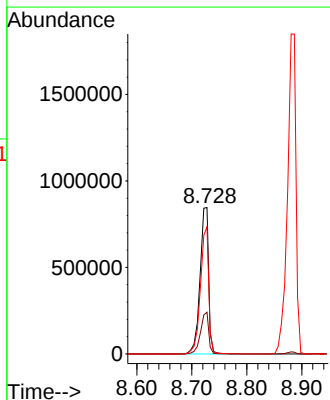
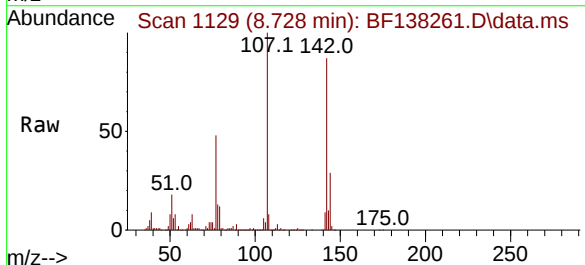
Instrument :
BNA_F
ClientSampleId :
PB161578BS

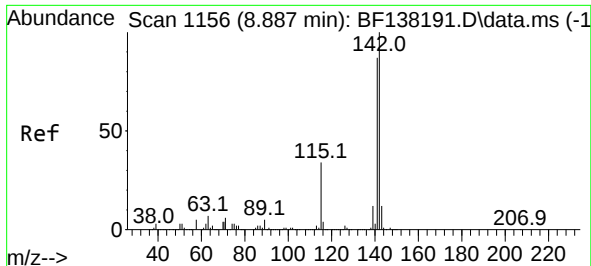
Tgt Ion:113 Resp: 175420
Ion Ratio Lower Upper
113 100
55 155.2 135.4 175.4
56 112.1 95.5 135.5



#36
4-Chloro-3-methylphenol
Concen: 42.703 ng
RT: 8.728 min Scan# 1129
Delta R.T. 0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:107 Resp: 925054
Ion Ratio Lower Upper
107 100
144 28.5 22.6 34.0
142 86.9 69.0 103.4





#37

2-Methylnaphthalene

Concen: 39.284 ng

RT: 8.881 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

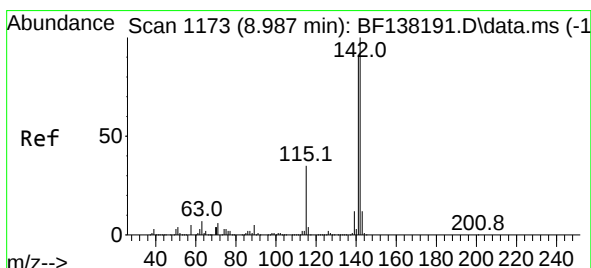
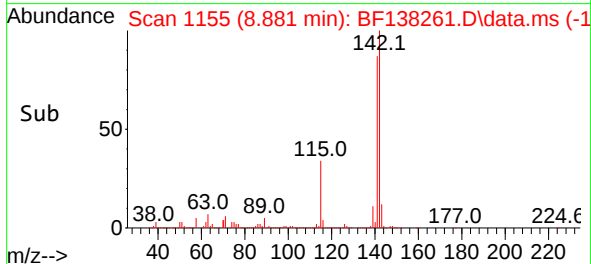
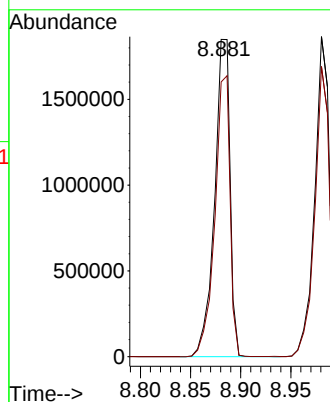
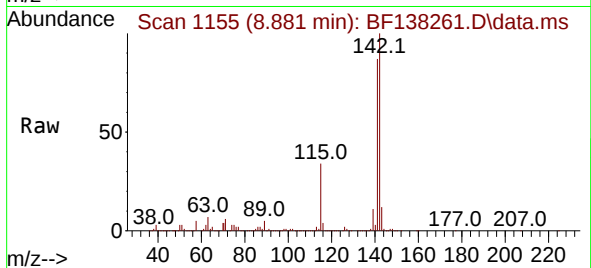
PB161578BS

Tgt Ion:142 Resp: 1983633

Ion Ratio Lower Upper

142 100

141 86.6 69.9 104.9



#38

1-Methylnaphthalene

Concen: 37.347 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138261.D

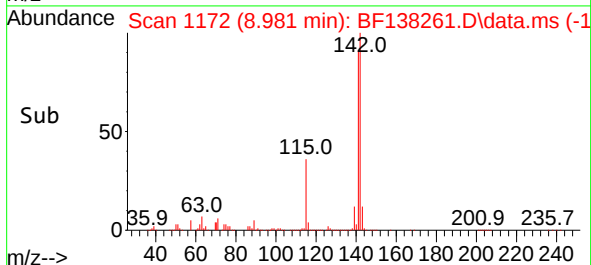
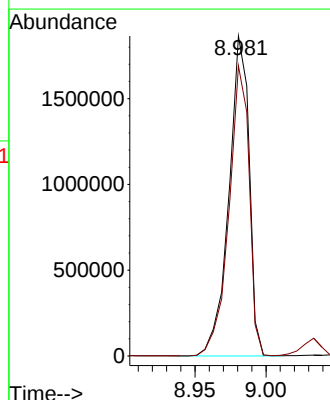
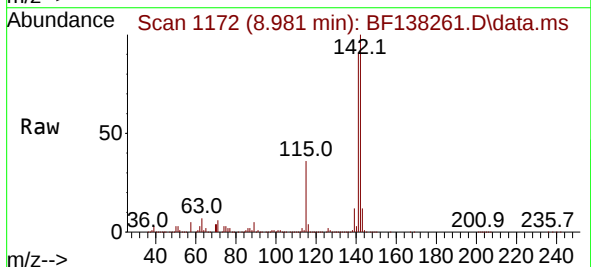
Acq: 20 Jun 2024 13:02

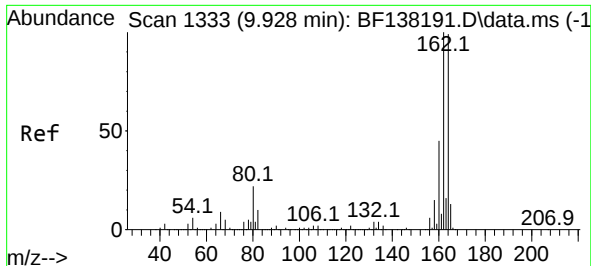
Tgt Ion:142 Resp: 1847990

Ion Ratio Lower Upper

142 100

141 90.7 72.8 109.2

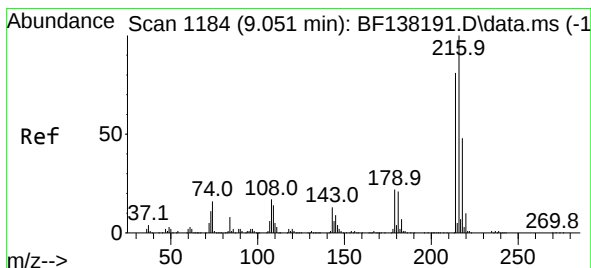
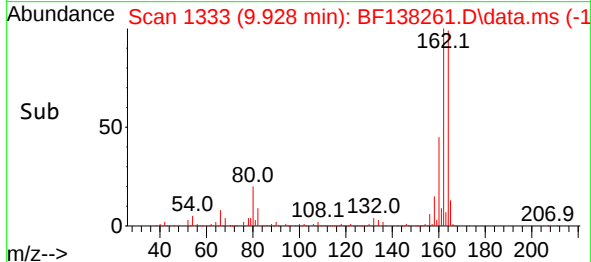
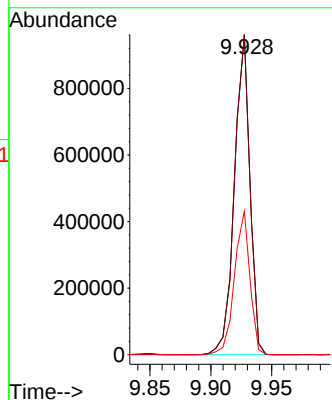
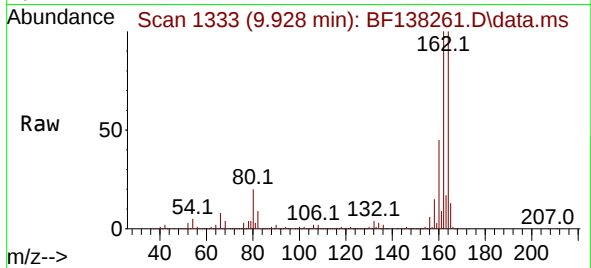




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

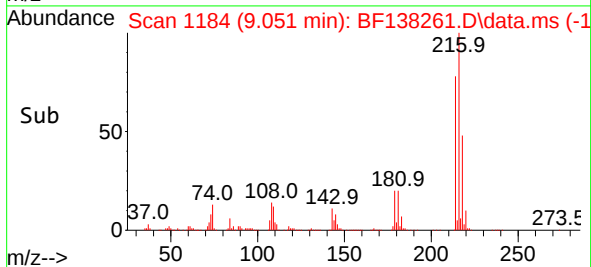
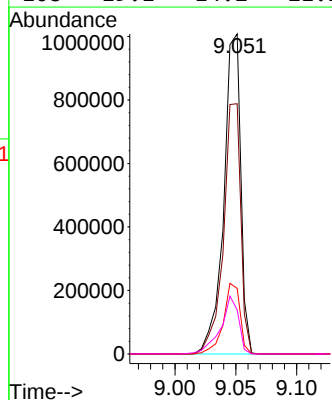
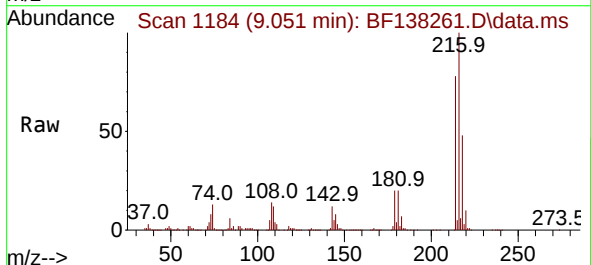
Instrument :
BNA_F
ClientSampleId :
PB161578BS

Tgt Ion:164 Resp: 848626
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.9 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.568 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:216 Resp: 981213
Ion Ratio Lower Upper
216 100
214 79.4 63.7 95.5
179 21.5 16.9 25.3
108 19.1 14.2 21.2

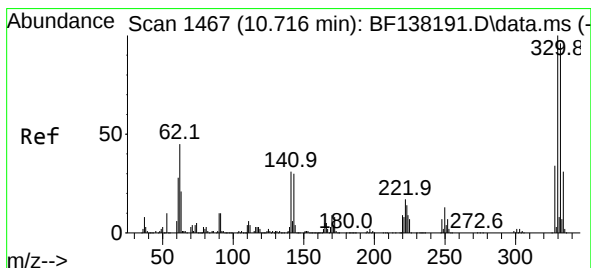
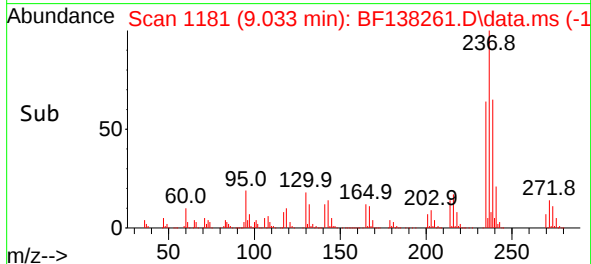
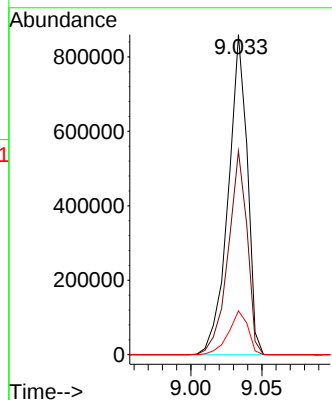
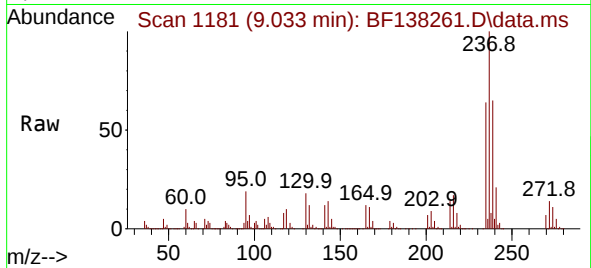




#41
Hexachlorocyclopentadiene
Concen: 99.434 ng
RT: 9.033 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

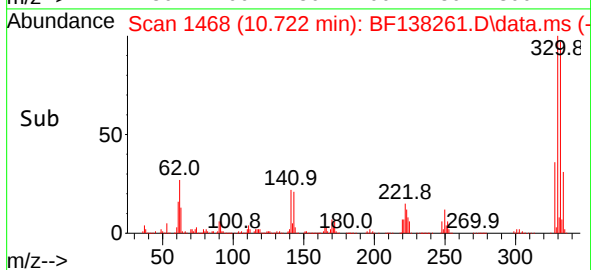
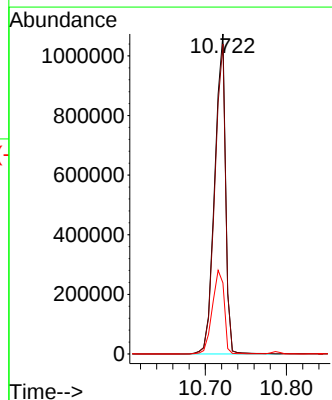
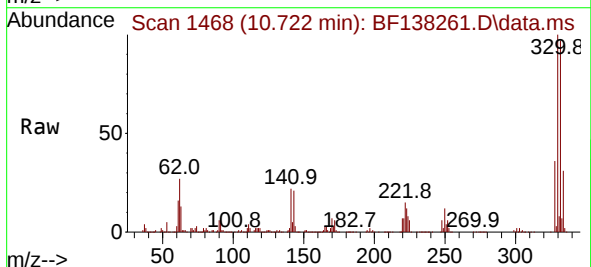
Instrument :
BNA_F
ClientSampleId :
PB161578BS

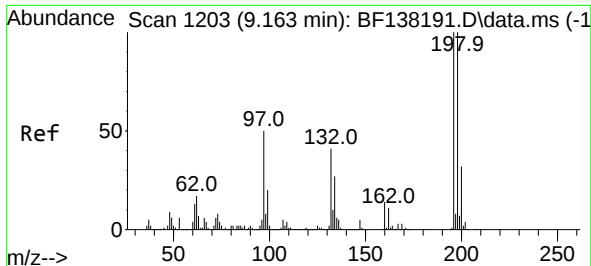
Tgt Ion:237 Resp: 804022
Ion Ratio Lower Upper
237 100
235 63.7 43.3 83.3
272 13.7 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 117.087 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:330 Resp: 989181
Ion Ratio Lower Upper
330 100
332 96.8 76.6 115.0
141 28.8 23.9 35.9

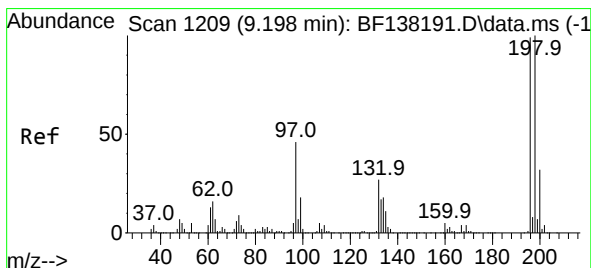
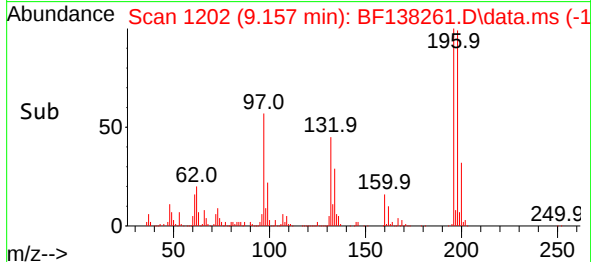
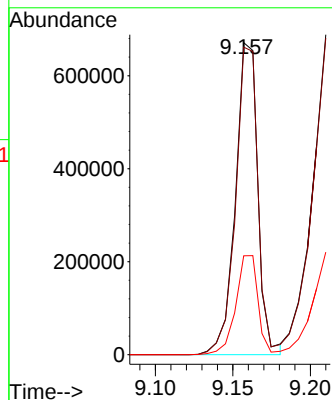
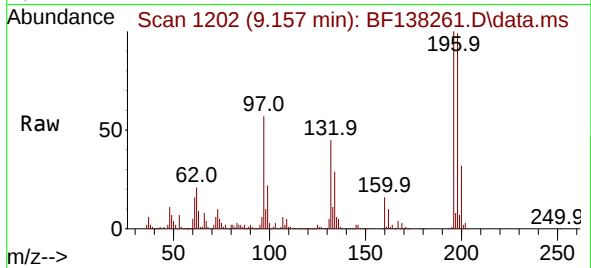




#43
2,4,6-Trichlorophenol
Concen: 43.419 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

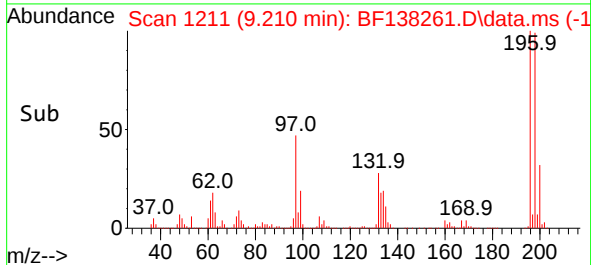
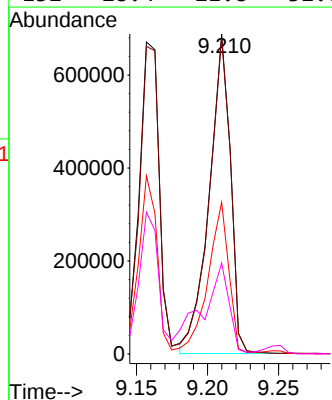
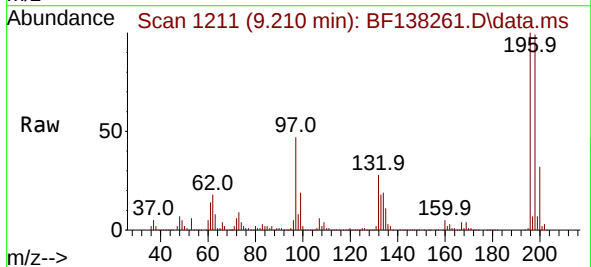
Instrument :
BNA_F
ClientSampleId :
PB161578BS

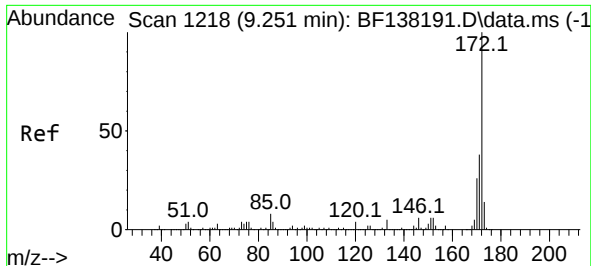
Tgt Ion:196 Resp: 674185
Ion Ratio Lower Upper
196 100
198 98.5 79.8 119.6
200 31.7 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 41.789 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.012 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:196 Resp: 712580
Ion Ratio Lower Upper
196 100
198 99.0 80.4 120.6
97 47.4 37.4 56.2
132 28.4 21.8 32.6

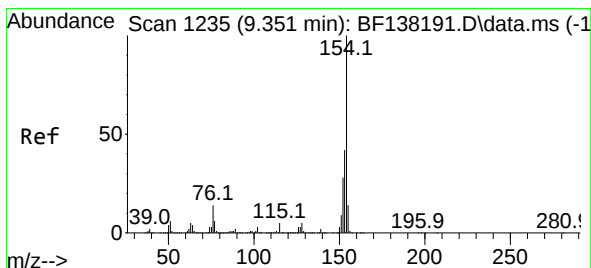
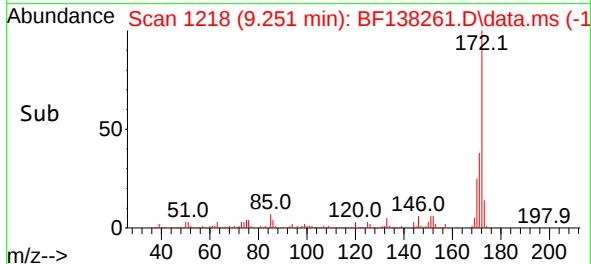
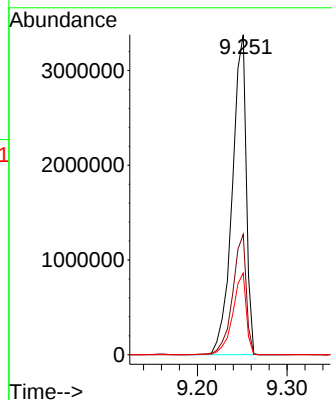
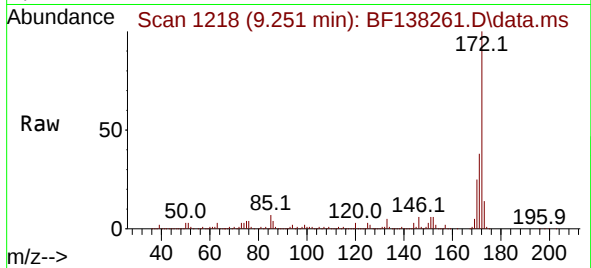




#45
2-Fluorobiphenyl
Concen: 68.576 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

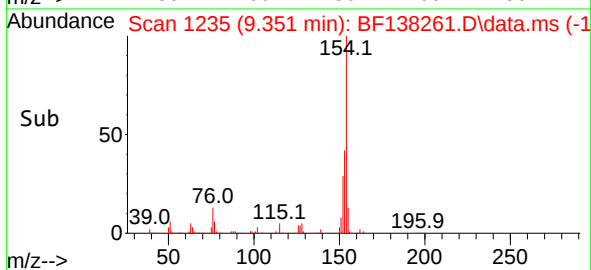
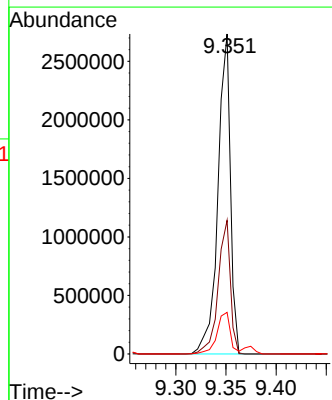
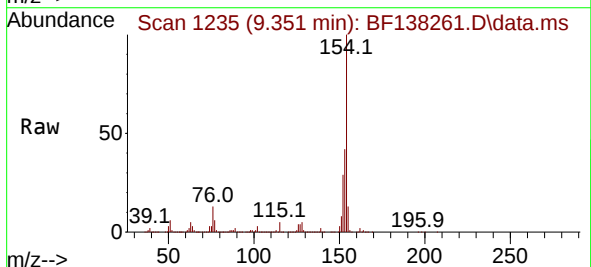
Instrument :
BNA_F
ClientSampleId :
PB161578BS

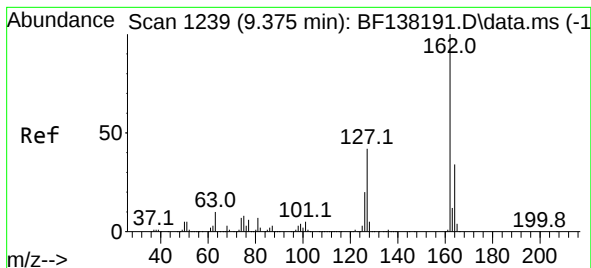
Tgt Ion:172 Resp: 3659754
Ion Ratio Lower Upper
172 100
171 37.6 30.3 45.5
170 25.5 20.6 30.8



#46
1,1'-Biphenyl
Concen: 37.912 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:154 Resp: 2360813
Ion Ratio Lower Upper
154 100
153 41.7 22.1 62.1
76 13.0 0.0 34.3





#47

2-Chloronaphthalene

Concen: 38.589 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

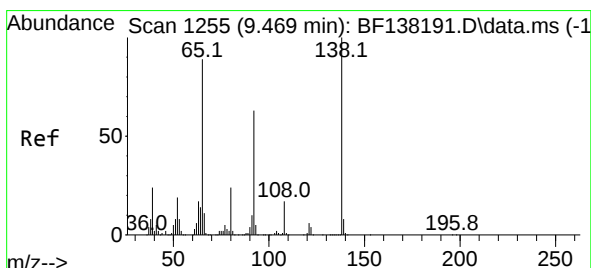
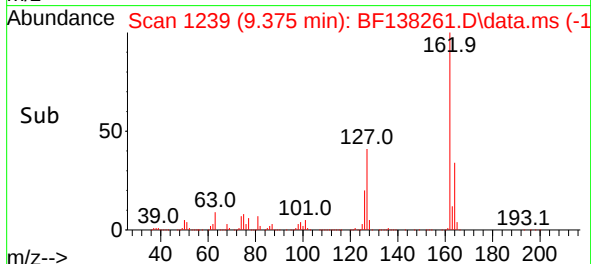
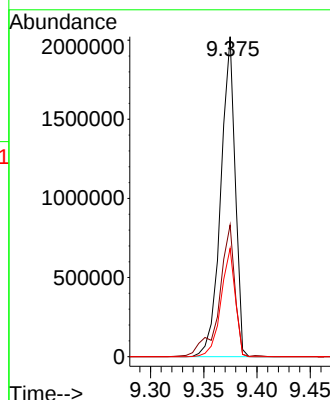
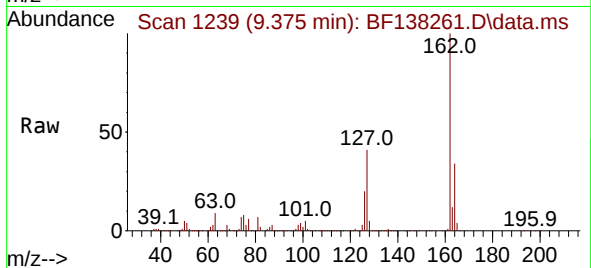
Tgt Ion:162 Resp: 1899106

Ion Ratio Lower Upper

162 100

127 41.2 33.6 50.4

164 33.9 27.2 40.8



#48

2-Nitroaniline

Concen: 47.760 ng

RT: 9.469 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

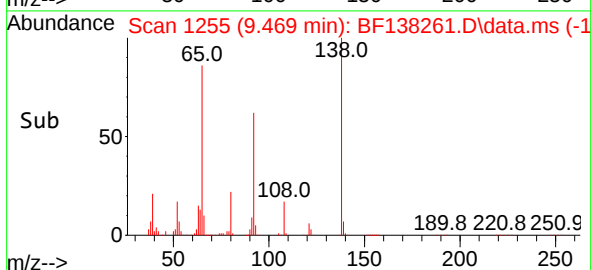
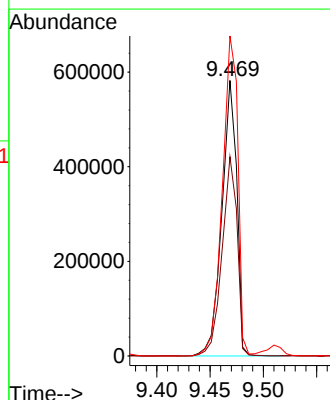
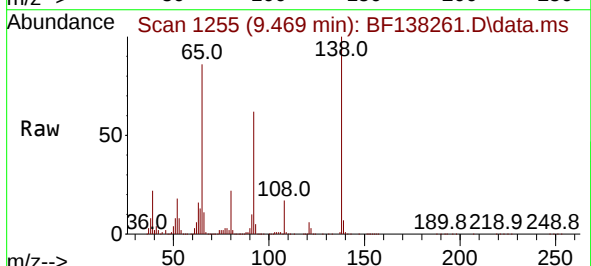
Tgt Ion: 65 Resp: 566041

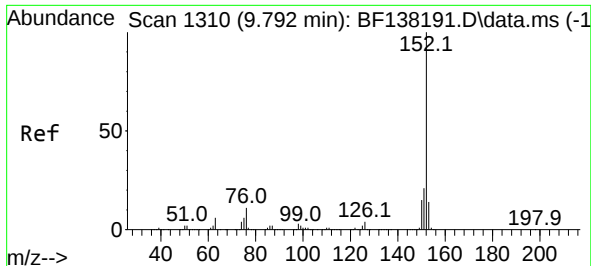
Ion Ratio Lower Upper

65 100

92 72.3 56.6 85.0

138 116.2 90.1 135.1





#49

Acenaphthylene

Concen: 41.426 ng

RT: 9.792 min Scan# 1310

Delta R.T. 0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

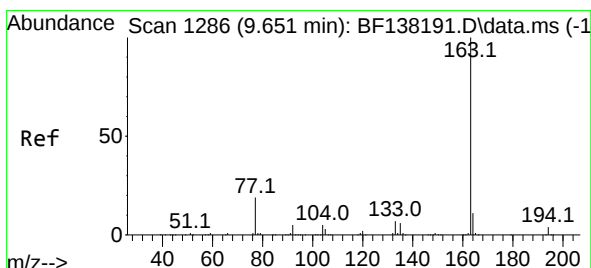
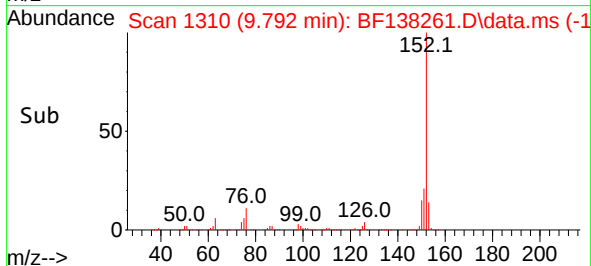
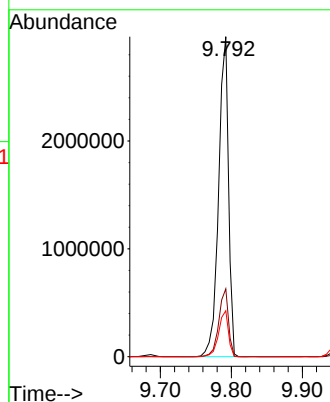
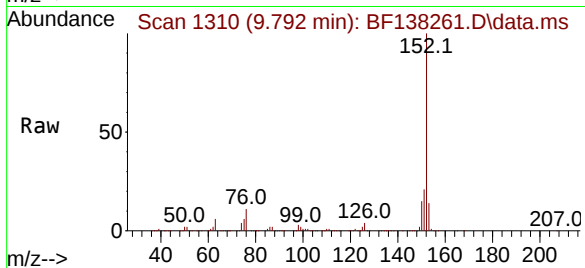
Tgt Ion:152 Resp: 2858736

Ion Ratio Lower Upper

152 100

151 21.2 16.9 25.3

153 14.4 11.4 17.0



#50

Dimethylphthalate

Concen: 42.619 ng

RT: 9.651 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

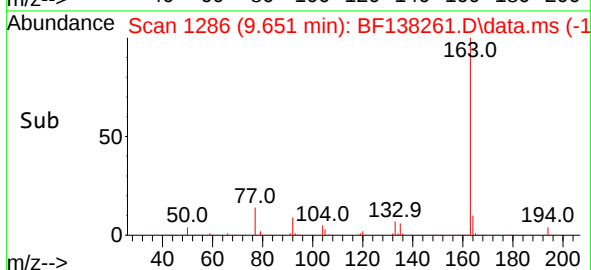
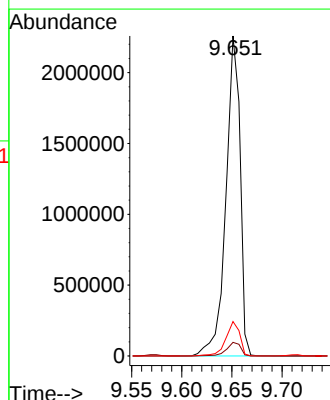
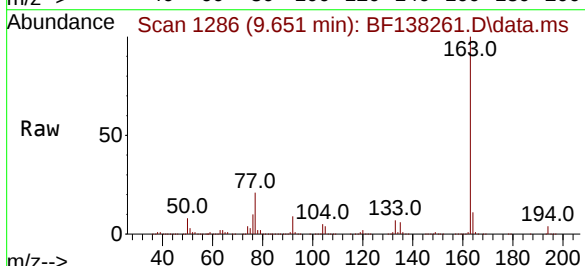
Tgt Ion:163 Resp: 2215998

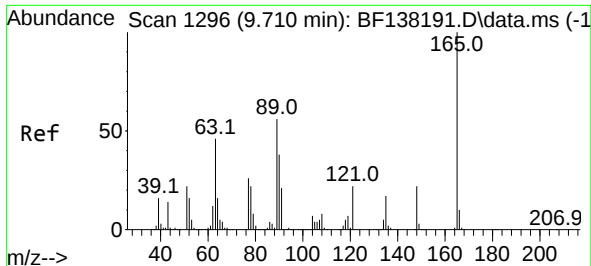
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.8 8.5 12.7

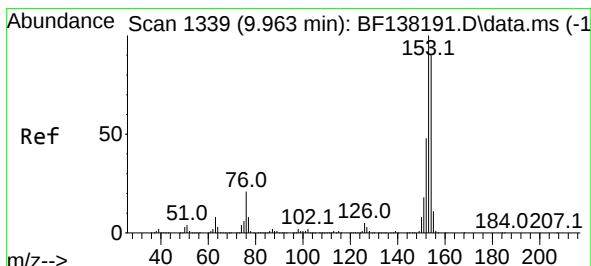
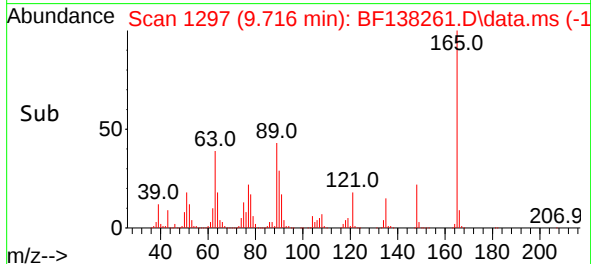
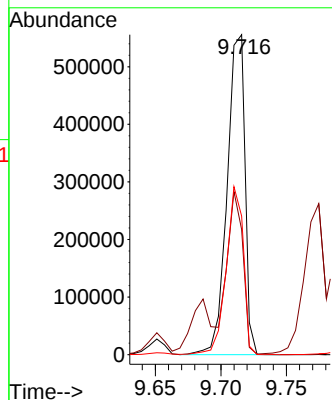
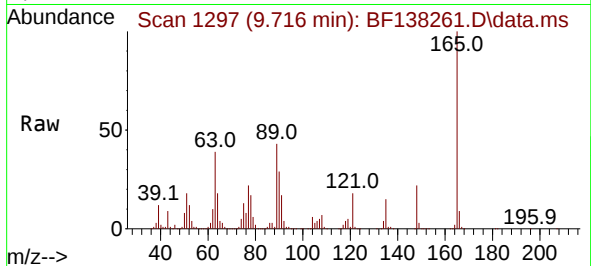




#51
2,6-Dinitrotoluene
Concen: 46.744 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

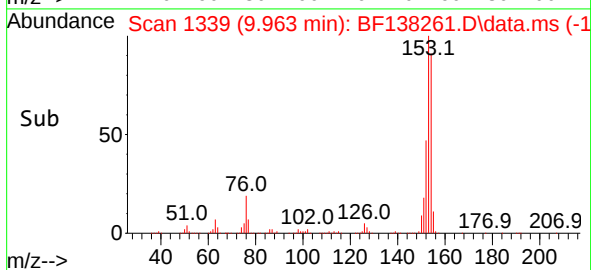
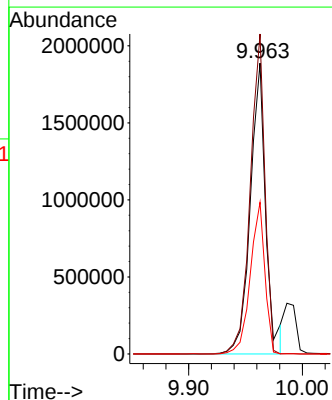
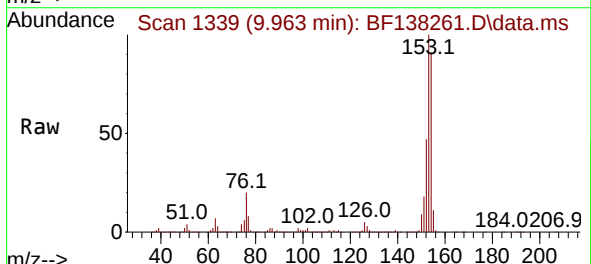
Instrument :
BNA_F
ClientSampleId :
PB161578BS

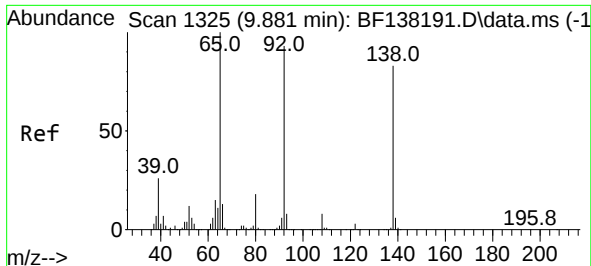
Tgt Ion:165 Resp: 527271
Ion Ratio Lower Upper
165 100
63 39.1 43.7 65.5#
89 43.3 44.9 67.3#



#52
Acenaphthene
Concen: 37.838 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:154 Resp: 1780569
Ion Ratio Lower Upper
154 100
153 110.0 89.1 133.7
152 52.1 42.4 63.6

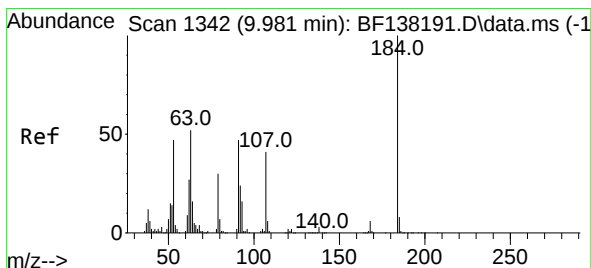
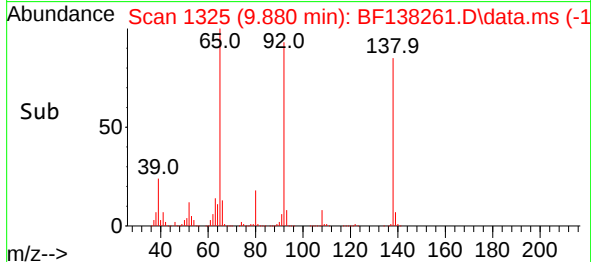
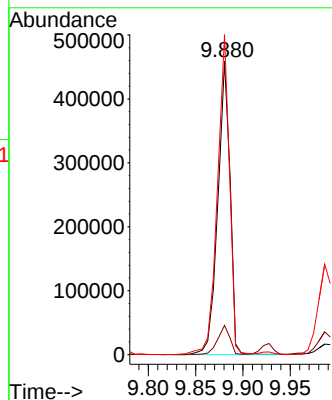
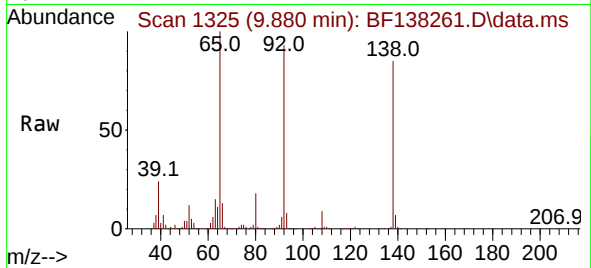




#53
3-Nitroaniline
Concen: 34.209 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

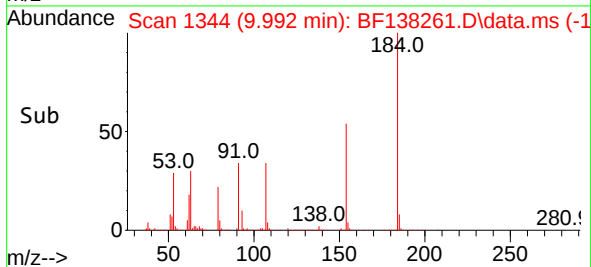
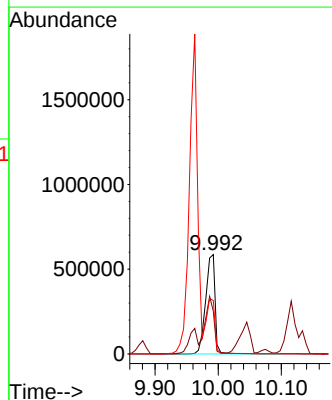
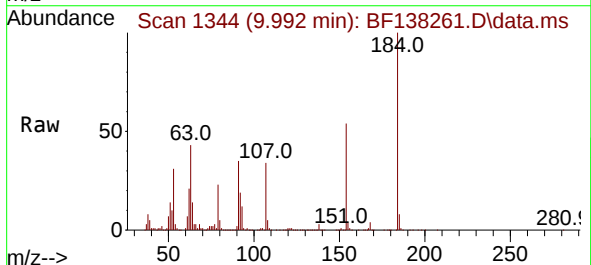
Instrument :
BNA_F
ClientSampleId :
PB161578BS

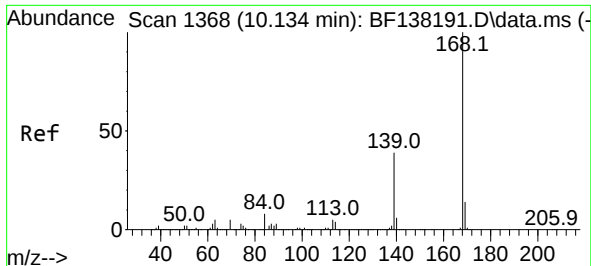
Tgt Ion:138 Resp: 412228
Ion Ratio Lower Upper
138 100
108 10.0 8.2 12.2
92 109.1 90.0 135.0



#54
2,4-Dinitrophenol
Concen: 98.045 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:184 Resp: 610451
Ion Ratio Lower Upper
184 100
63 43.1 49.2 73.8#
154 53.9 46.7 70.1

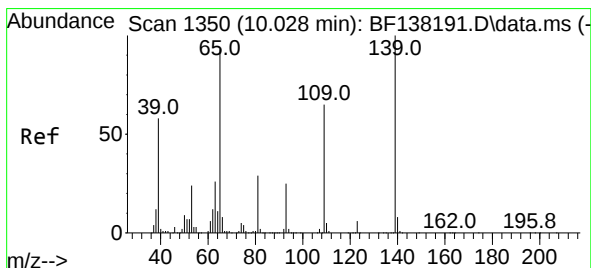
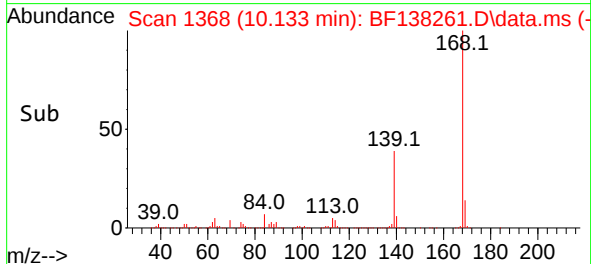
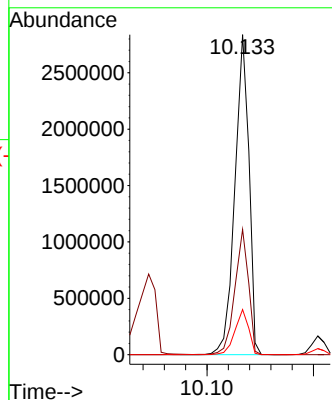
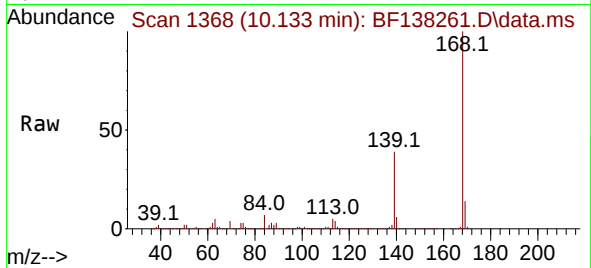




#55
Dibenzofuran
Concen: 39.435 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

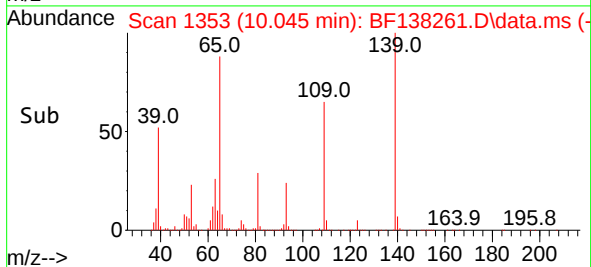
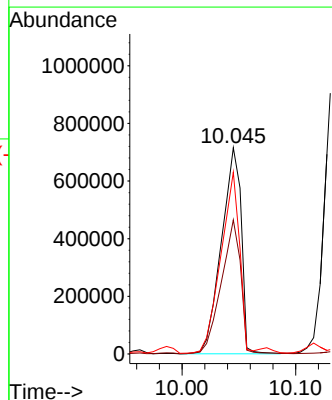
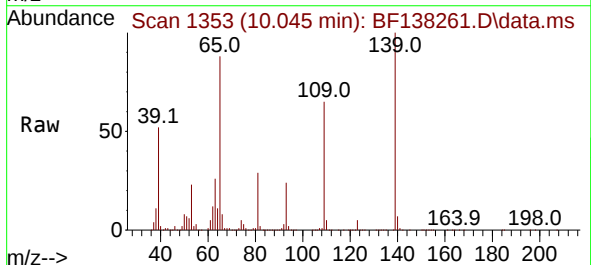
Instrument :
BNA_F
ClientSampleId :
PB161578BS

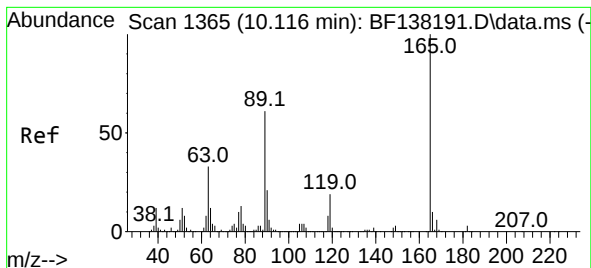
Tgt Ion:168 Resp: 2594150
Ion Ratio Lower Upper
168 100
139 39.1 31.0 46.4
169 14.1 11.4 17.0



#56
4-Nitrophenol
Concen: 91.125 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:139 Resp: 867771
Ion Ratio Lower Upper
139 100
109 65.0 44.6 84.6
65 88.1 73.1 113.1

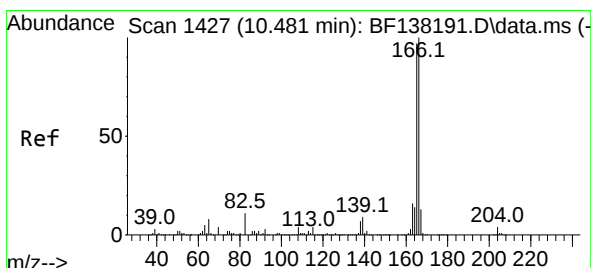
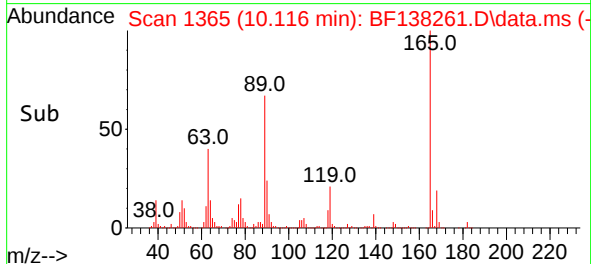
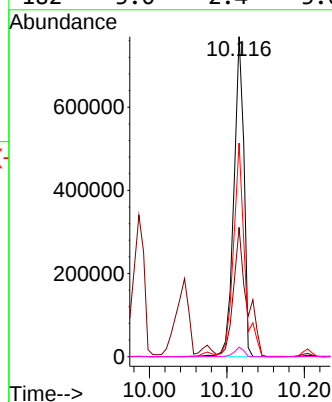
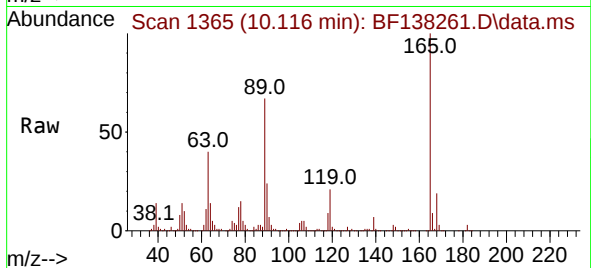




#57
2,4-Dinitrotoluene
Concen: 49.952 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

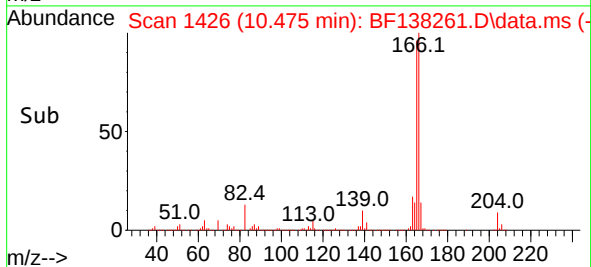
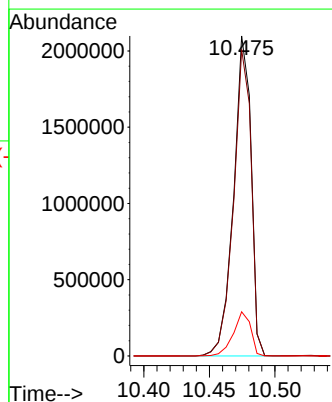
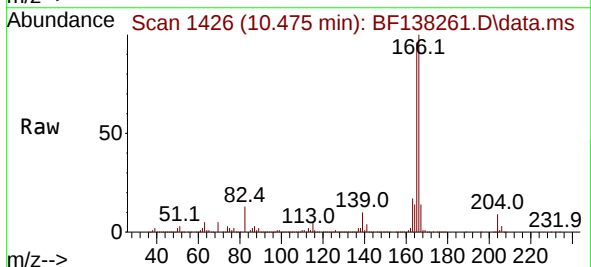
Instrument :
BNA_F
ClientSampleId :
PB161578BS

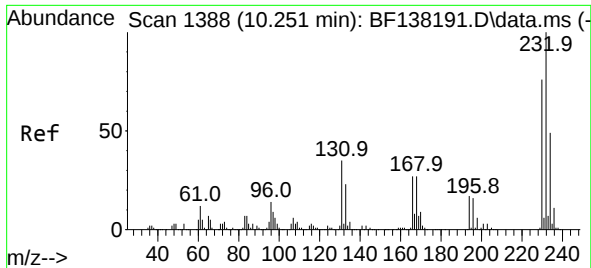
Tgt Ion:165 Resp: 694968
Ion Ratio Lower Upper
165 100
63 40.4 26.6 39.8#
89 66.8 48.7 73.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 37.645 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:166 Resp: 1947054
Ion Ratio Lower Upper
166 100
165 95.8 77.9 116.9
167 13.8 10.7 16.1

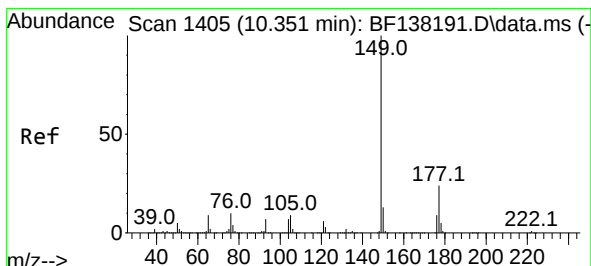
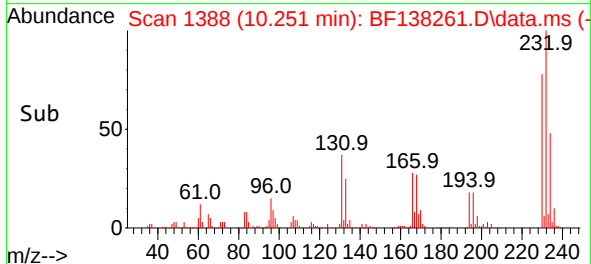
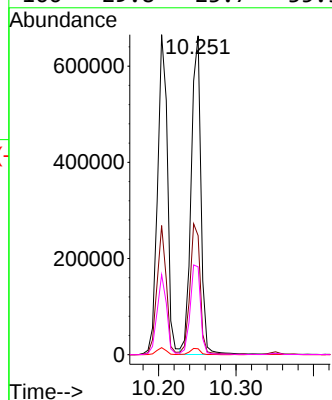
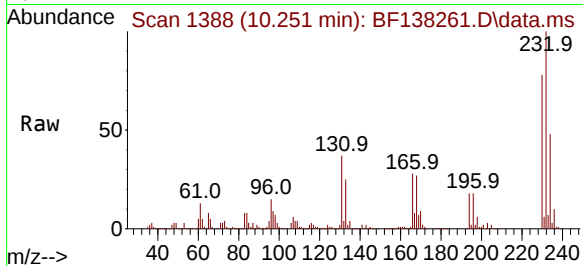




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.515 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

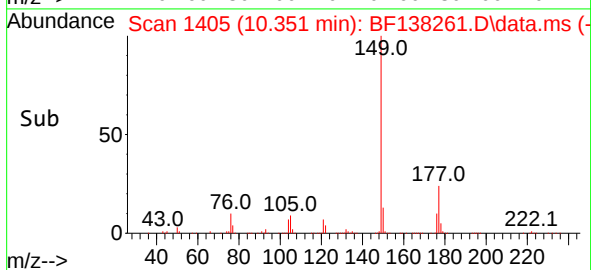
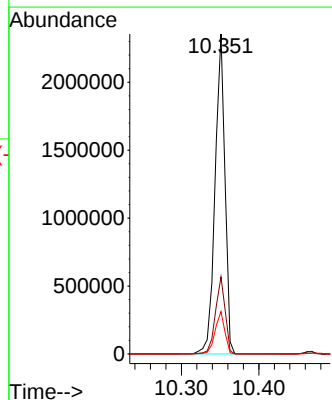
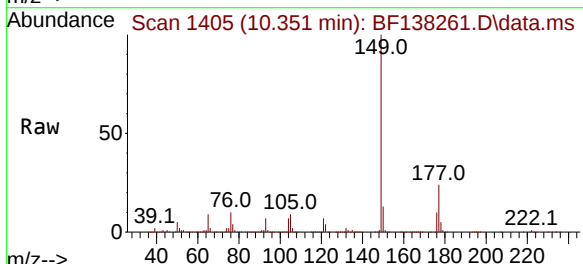
Instrument :
BNA_F
ClientSampleId :
PB161578BS

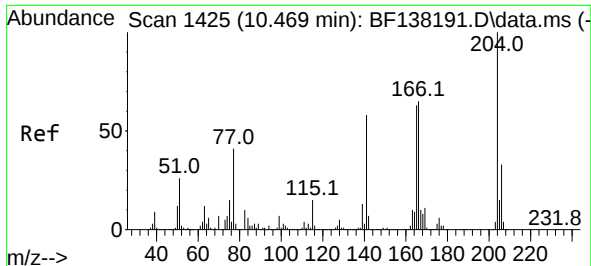
Tgt Ion:232 Resp: 579899
Ion Ratio Lower Upper
232 100
131 42.8 33.6 50.4
130 2.1 1.7 2.5
166 29.8 23.7 35.5



#60
Diethylphthalate
Concen: 42.269 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:149 Resp: 2085920
Ion Ratio Lower Upper
149 100
177 24.1 19.4 29.0
150 13.2 10.2 15.4

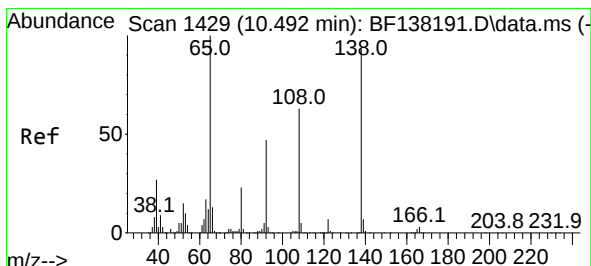
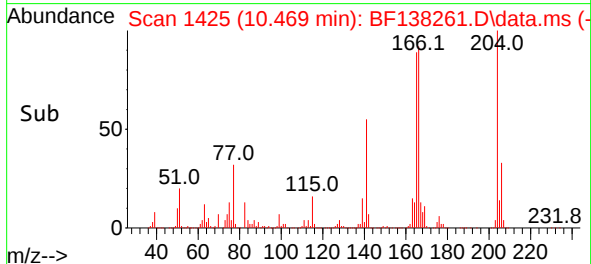
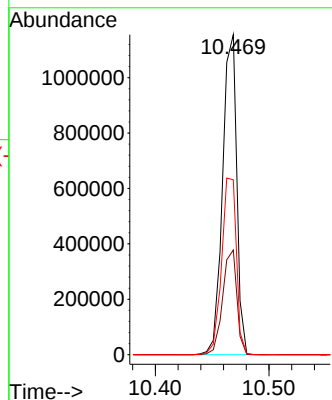
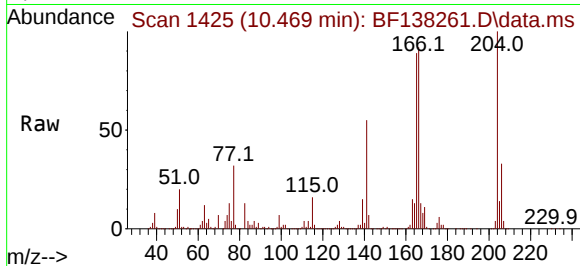




#61
4-Chlorophenyl-phenylether
Concen: 39.008 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

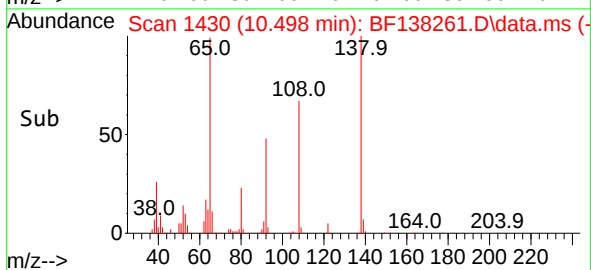
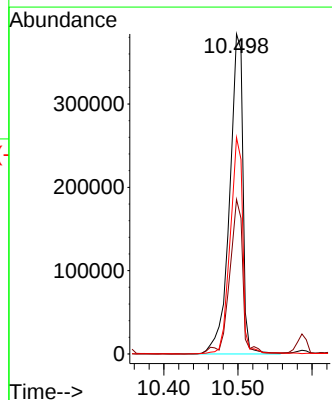
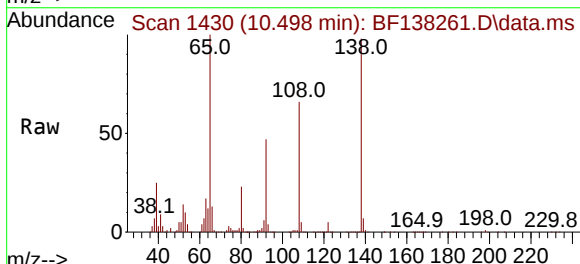
Instrument :
BNA_F
ClientSampleId :
PB161578BS

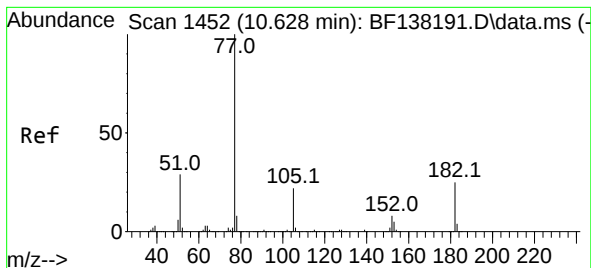
Tgt Ion:204 Resp: 1004806
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 54.6 46.3 69.5



#62
4-Nitroaniline
Concen: 39.550 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:138 Resp: 476185
Ion Ratio Lower Upper
138 100
92 48.3 30.9 70.9
108 67.7 47.8 87.8





#63

Azobenzene

Concen: 40.211 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.001 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

Tgt Ion: 77 Resp: 1988019

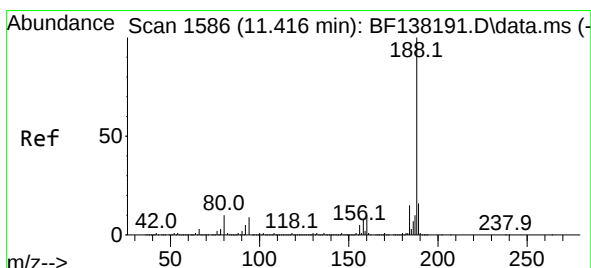
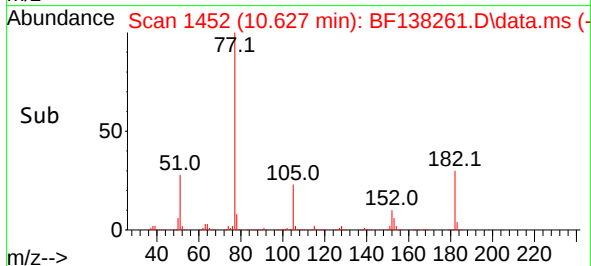
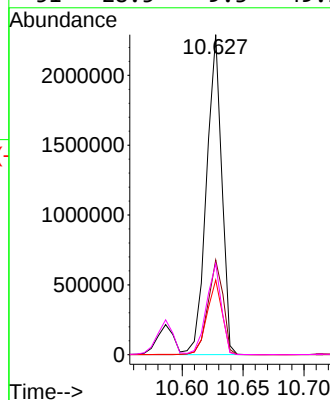
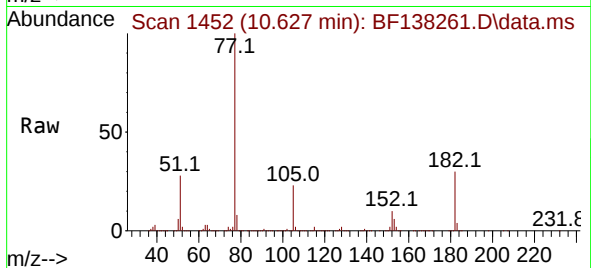
Ion Ratio Lower Upper

77 100

182 29.6 5.5 45.5

105 23.4 1.8 41.8

51 28.5 9.3 49.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

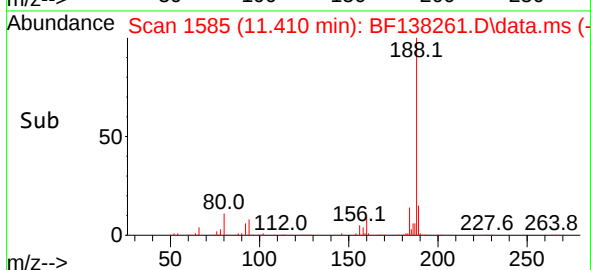
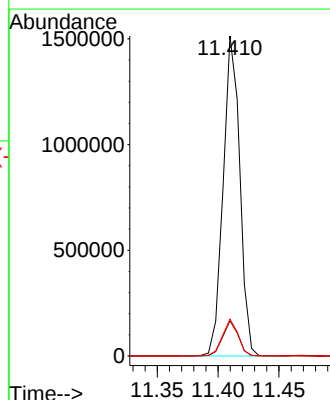
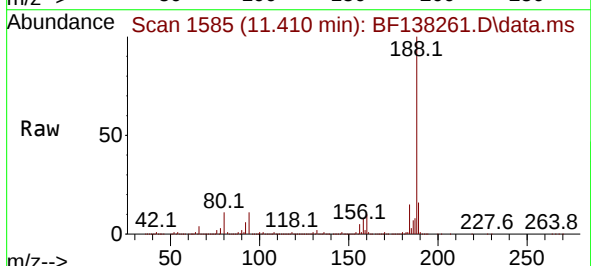
Tgt Ion: 188 Resp: 1439618

Ion Ratio Lower Upper

188 100

94 10.9 7.6 11.4

80 11.5 8.1 12.1

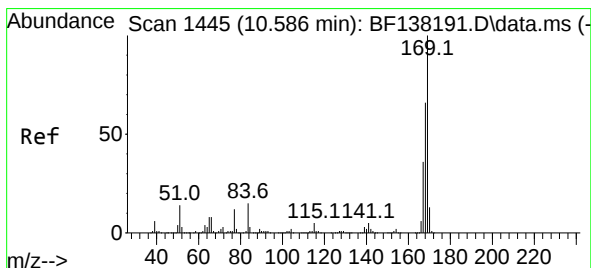
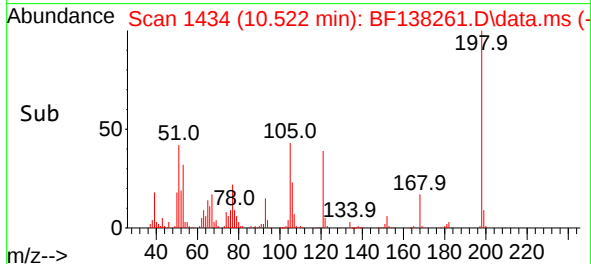
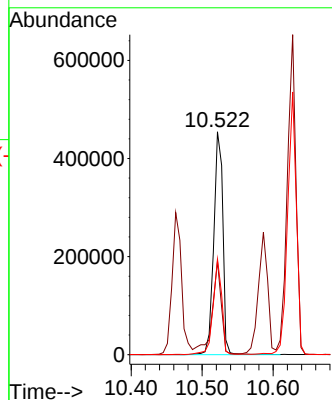
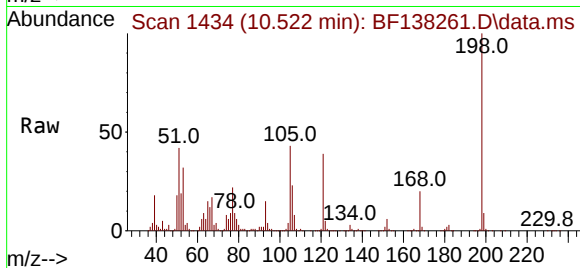




#65
4,6-Dinitro-2-methylphenol
Concen: 54.064 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

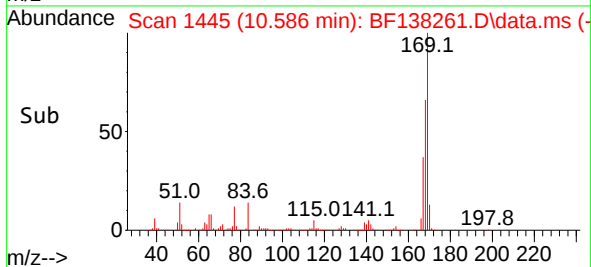
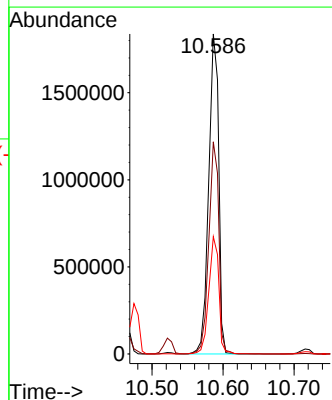
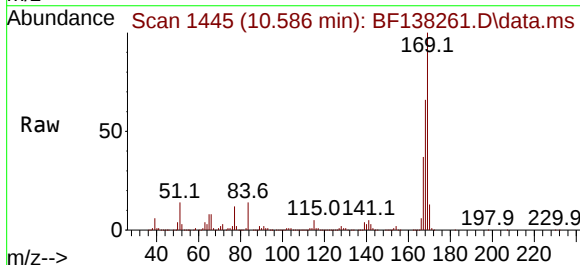
Instrument :
BNA_F
ClientSampleId :
PB161578BS

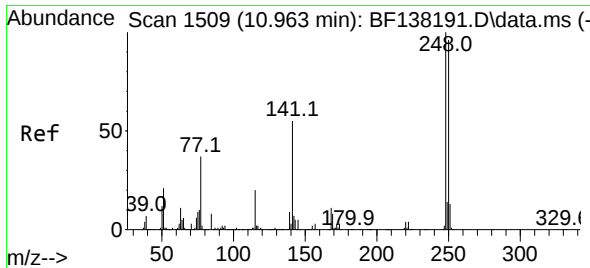
Tgt Ion:198 Resp: 404110
Ion Ratio Lower Upper
198 100
51 42.0 26.9 66.9
105 43.0 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 40.782 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:169 Resp: 1797431
Ion Ratio Lower Upper
169 100
168 66.3 52.9 79.3
167 36.7 29.0 43.6

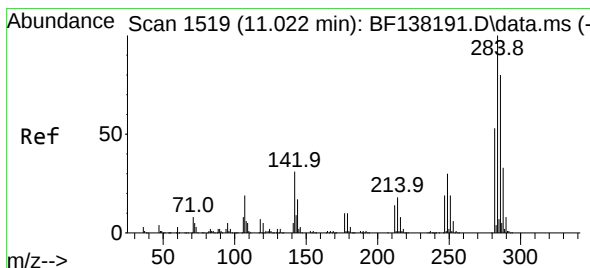
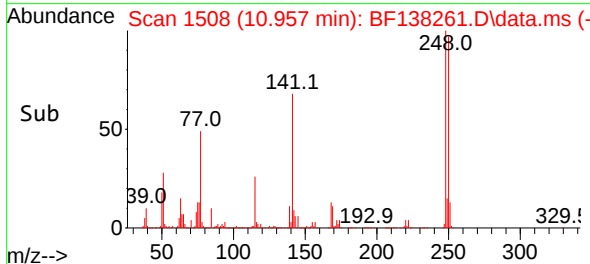
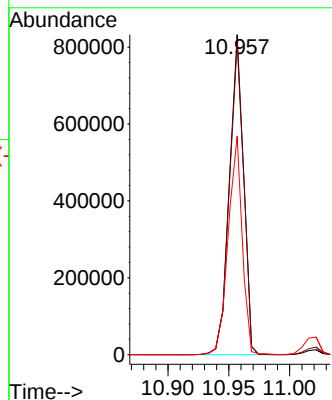
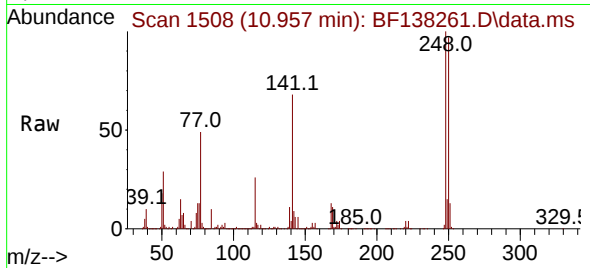




#67
4-Bromophenyl-phenylether
Concen: 41.712 ng
RT: 10.957 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

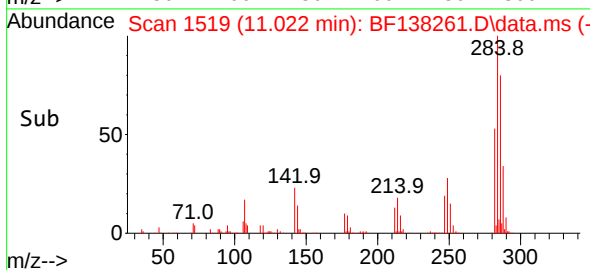
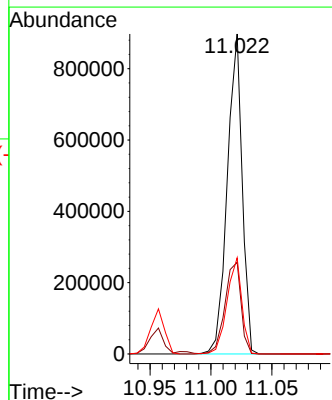
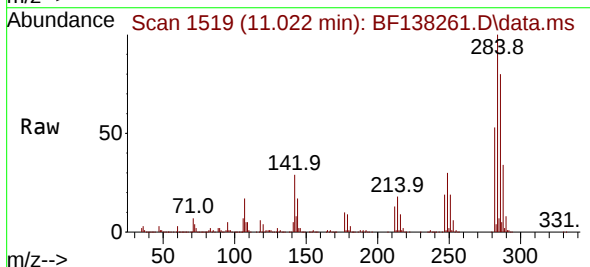
Instrument :
BNA_F
ClientSampleId :
PB161578BS

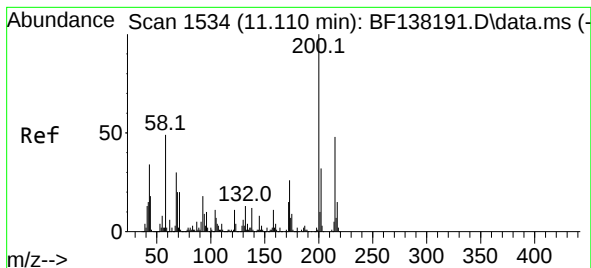
Tgt Ion:248 Resp: 676658
Ion Ratio Lower Upper
248 100
250 97.2 77.2 115.8
141 68.3 44.1 66.1#



#68
Hexachlorobenzene
Concen: 40.406 ng
RT: 11.022 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:284 Resp: 764934
Ion Ratio Lower Upper
284 100
142 28.6 24.8 37.2
249 30.0 23.8 35.6





#69

Atrazine

Concen: 44.623 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

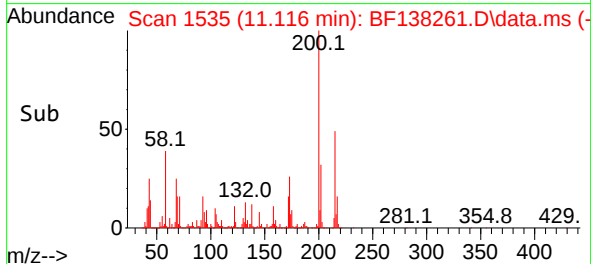
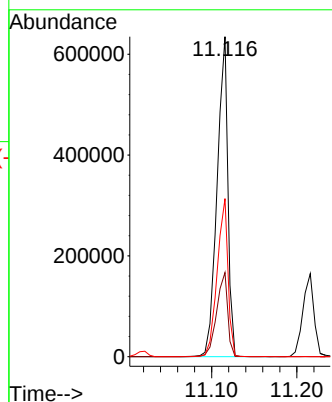
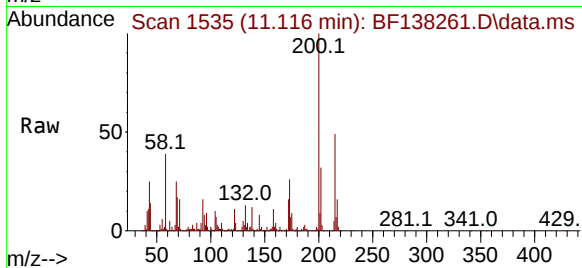
Tgt Ion:200 Resp: 560183

Ion Ratio Lower Upper

200 100

173 26.3 6.3 46.3

215 49.4 28.0 68.0



#70

Pentachlorophenol

Concen: 77.246 ng

RT: 11.216 min Scan# 1552

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

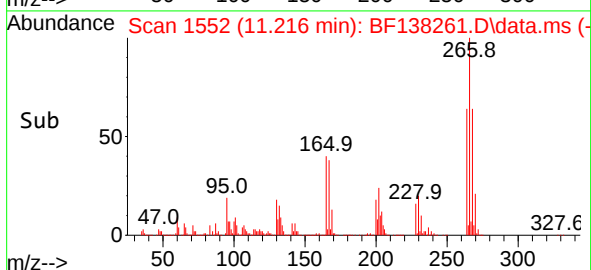
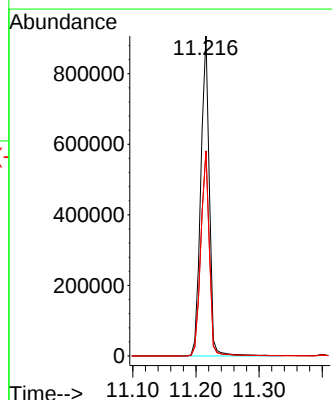
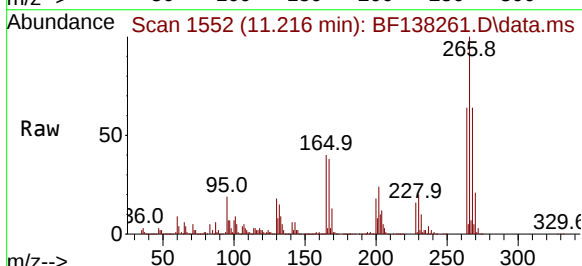
Tgt Ion:266 Resp: 852852

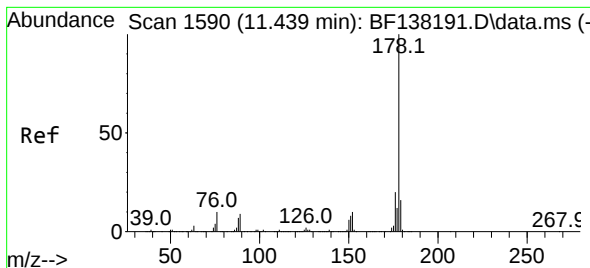
Ion Ratio Lower Upper

266 100

268 64.1 49.5 74.3

264 63.9 49.2 73.8





#71

Phenanthrene

Concen: 39.866 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

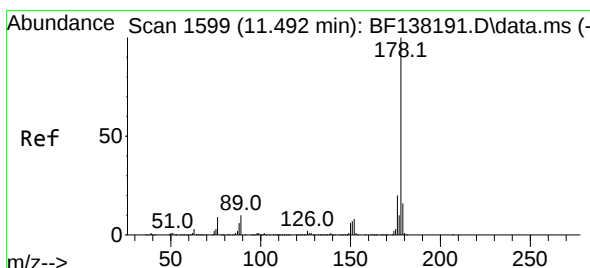
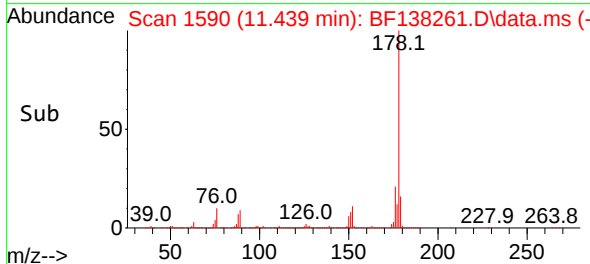
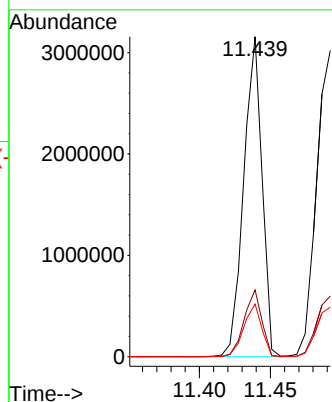
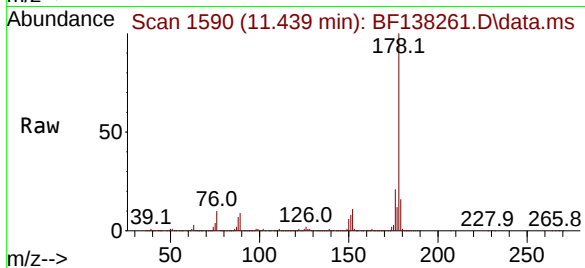
Tgt Ion:178 Resp: 2838202

Ion Ratio Lower Upper

178 100

176 20.8 16.4 24.6

179 16.4 13.1 19.7



#72

Anthracene

Concen: 39.689 ng

RT: 11.492 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

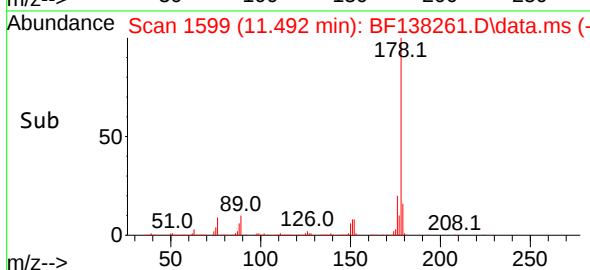
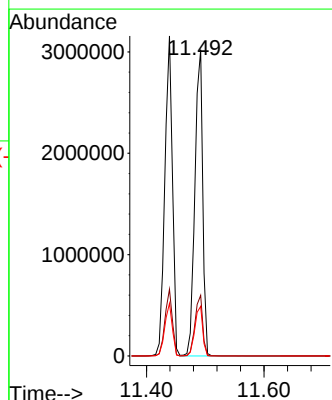
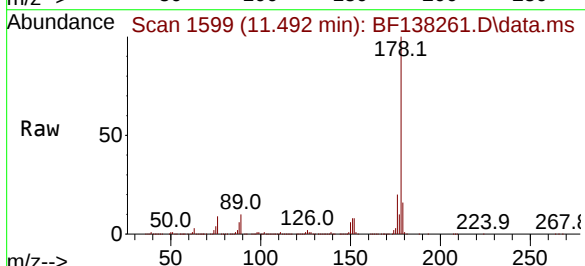
Tgt Ion:178 Resp: 2805472

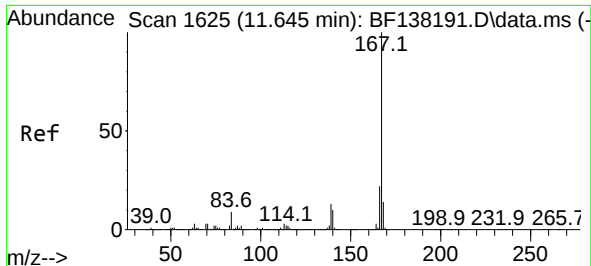
Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

179 16.2 13.0 19.6



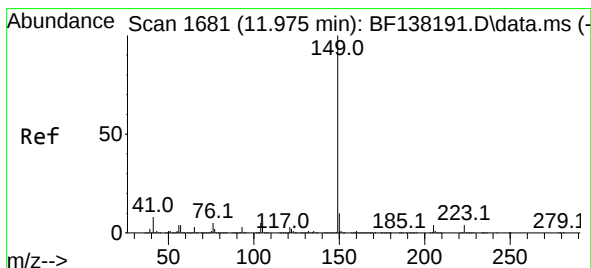
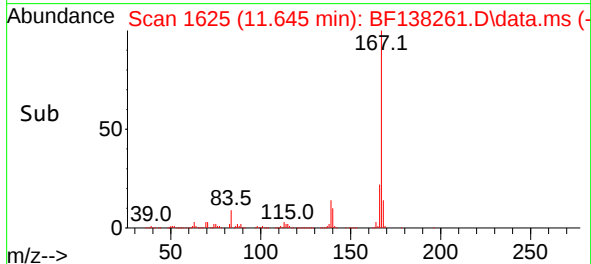
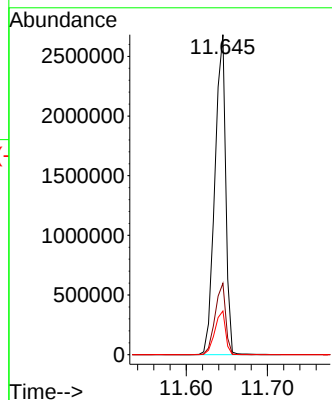
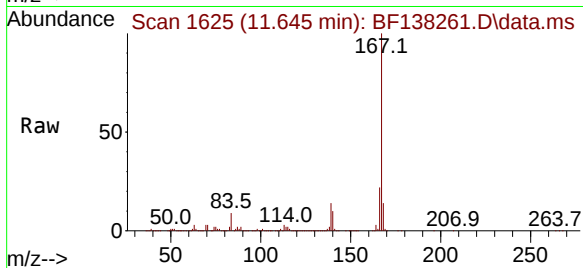


#73
 Carbazole
 Concen: 38.219 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF138261.D
 Acq: 20 Jun 2024 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB161578BS

Tgt Ion:167 Resp: 2477843

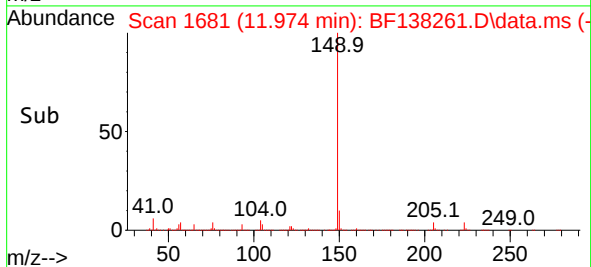
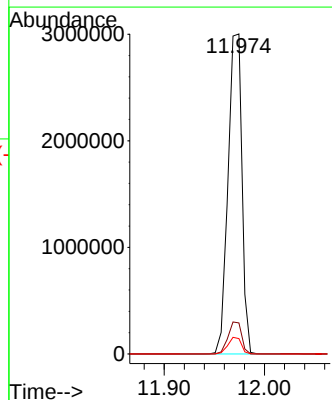
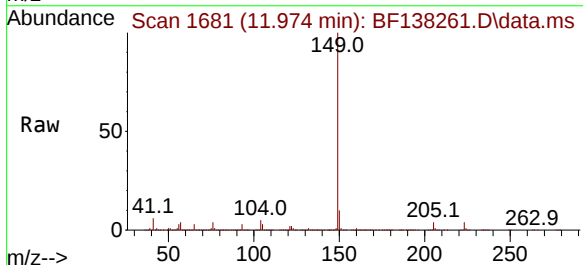
Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.7	10.6	16.0

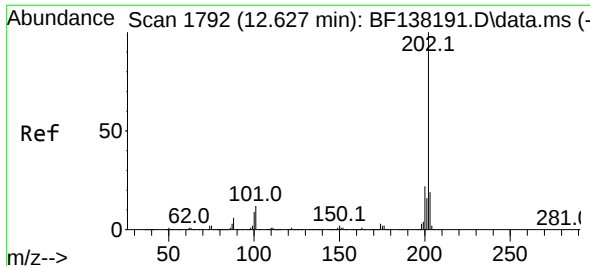


#74
 Di-n-butylphthalate
 Concen: 43.028 ng
 RT: 11.974 min Scan# 1681
 Delta R.T. -0.000 min
 Lab File: BF138261.D
 Acq: 20 Jun 2024 13:02

Tgt Ion:149 Resp: 2887961

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	4.8	4.1	6.1

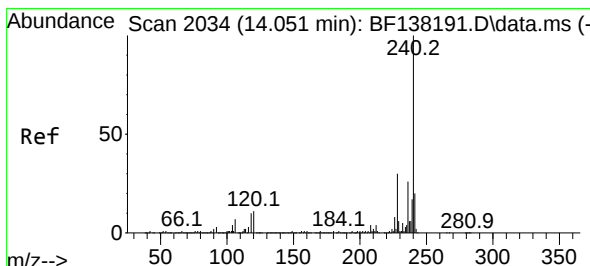
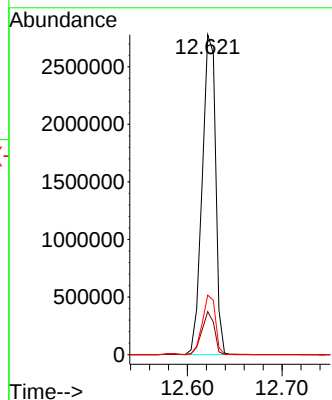
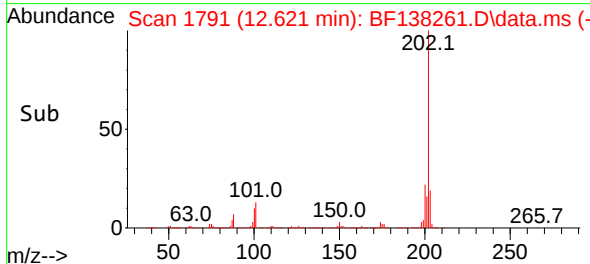
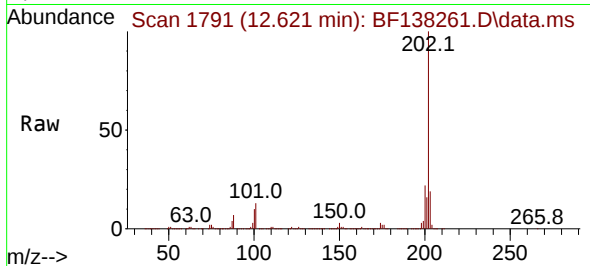




#75
Fluoranthene
Concen: 37.588 ng
RT: 12.621 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

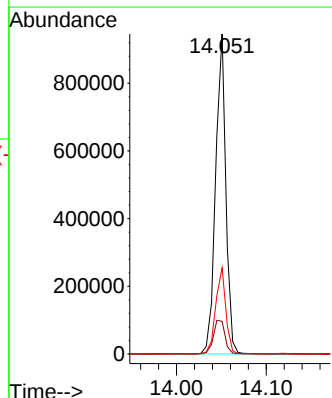
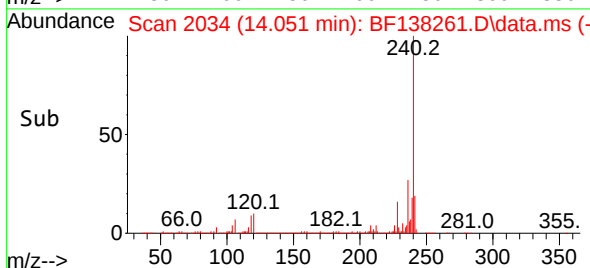
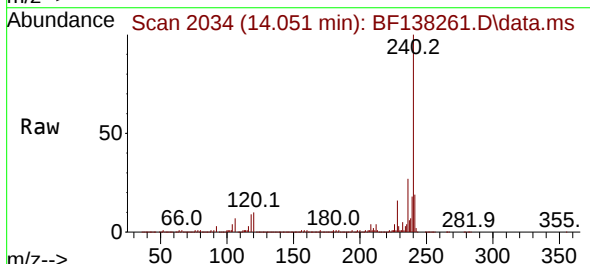
Instrument :
BNA_F
ClientSampleId :
PB161578BS

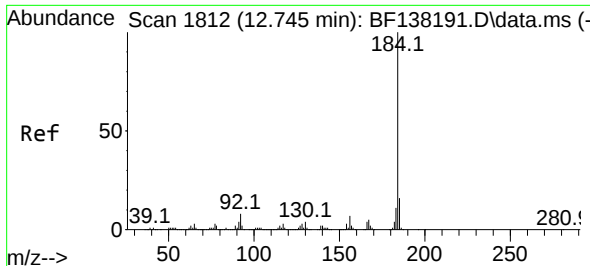
Tgt Ion:202 Resp: 2728827
Ion Ratio Lower Upper
202 100
101 13.5 0.0 31.8
203 18.6 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:240 Resp: 749833
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 27.0 21.0 31.6

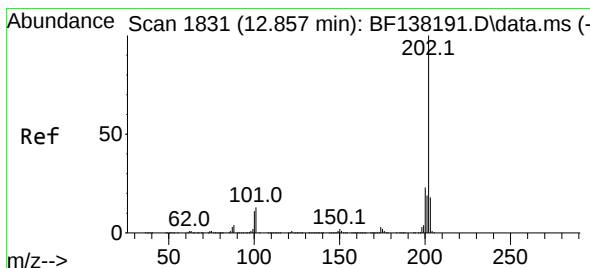
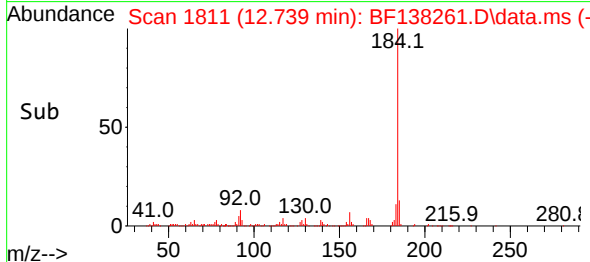
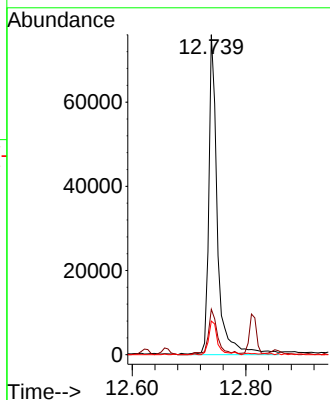
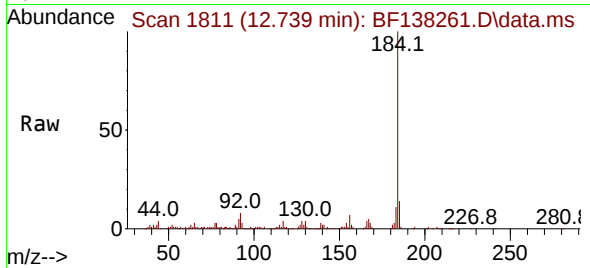




#77
Benzidine
Concen: 9.257 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

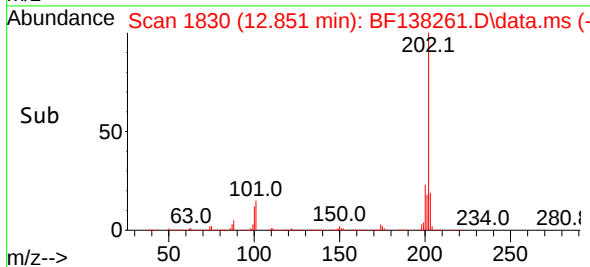
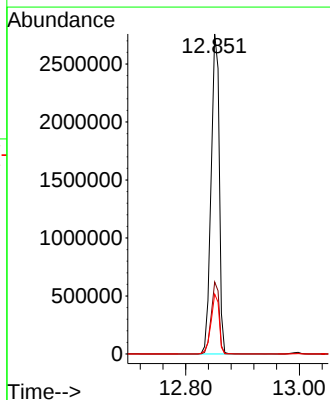
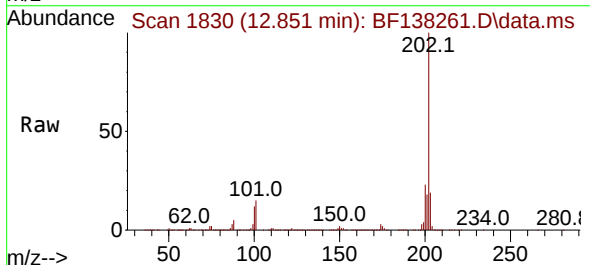
Instrument :
BNA_F
ClientSampleId :
PB161578BS

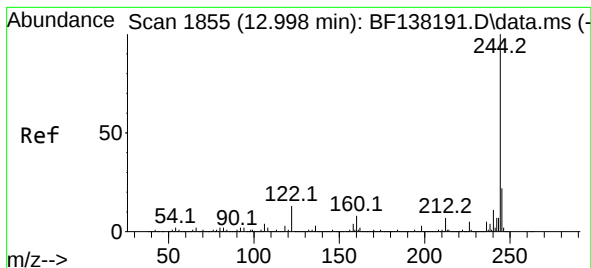
Tgt Ion:184 Resp: 80283
Ion Ratio Lower Upper
184 100
185 14.2 12.6 19.0
183 10.5 9.0 13.6



#78
Pyrene
Concen: 42.090 ng
RT: 12.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:202 Resp: 2722274
Ion Ratio Lower Upper
202 100
200 22.5 18.0 27.0
203 18.7 14.7 22.1





#79

Terphenyl-d14

Concen: 78.463 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

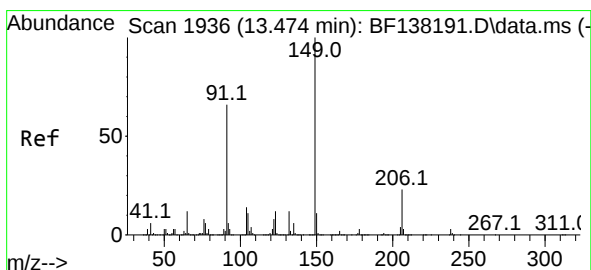
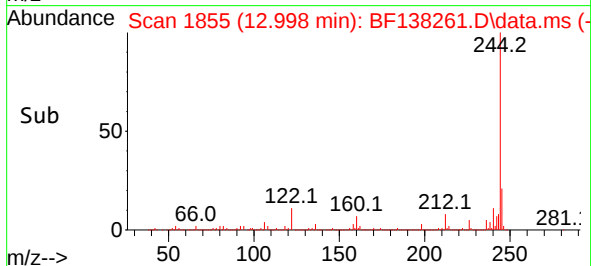
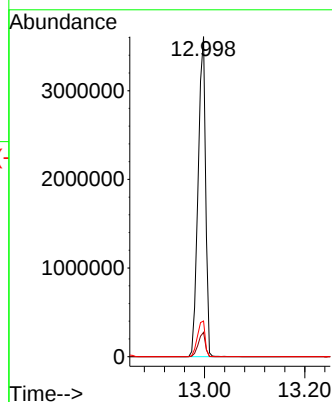
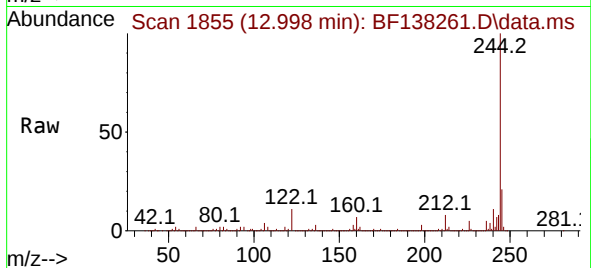
Tgt Ion:244 Resp: 3714665

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

122 11.2 10.6 15.8



#80

Butylbenzylphthalate

Concen: 55.823 ng

RT: 13.468 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

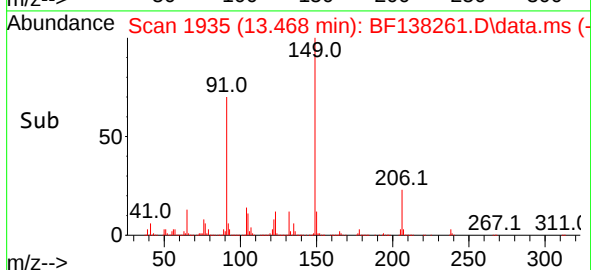
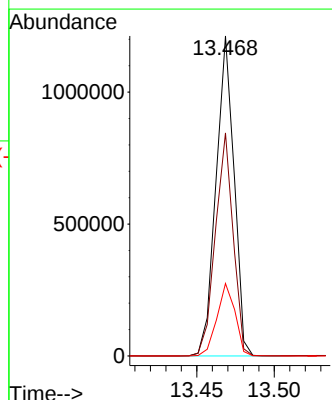
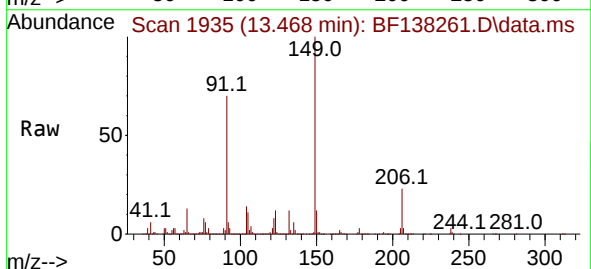
Tgt Ion:149 Resp: 982082

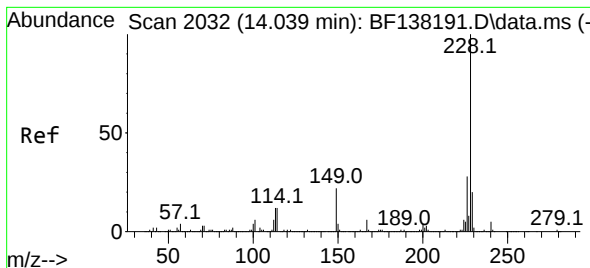
Ion Ratio Lower Upper

149 100

91 69.7 53.2 79.8

206 22.7 18.6 27.8

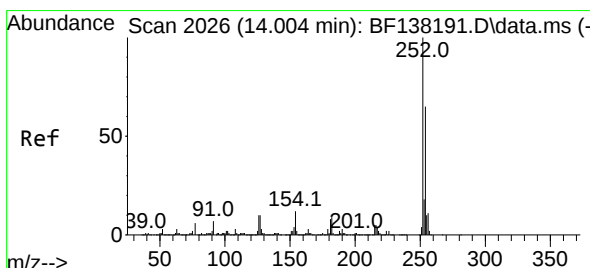
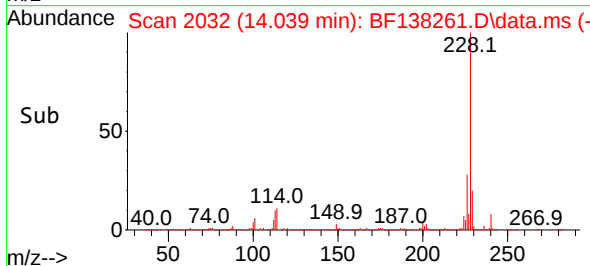
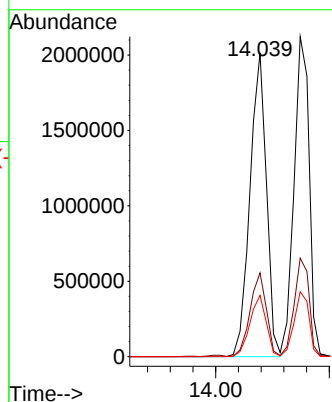
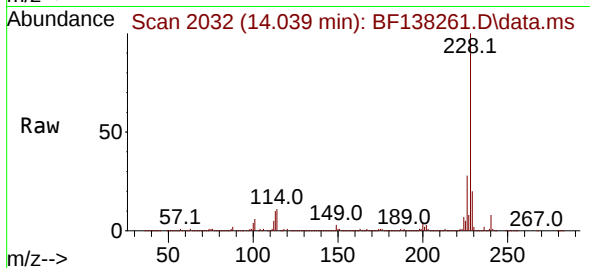




#81
Benzo(a)anthracene
Concen: 42.186 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

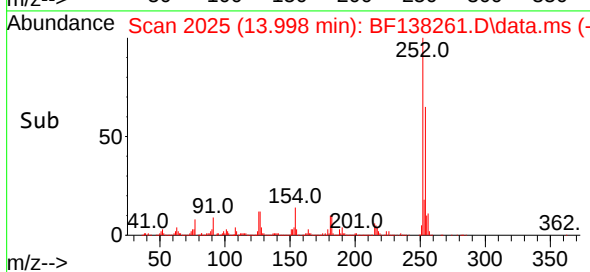
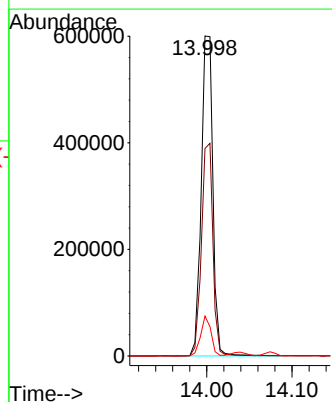
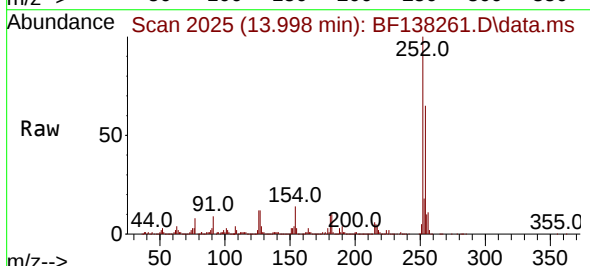
Instrument :
BNA_F
ClientSampleId :
PB161578BS

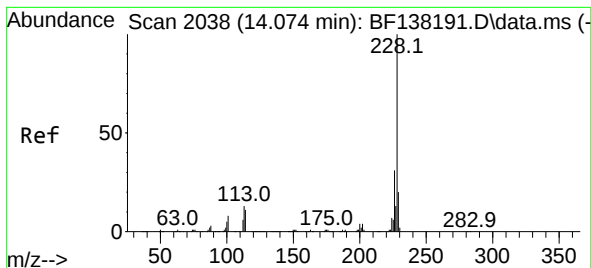
Tgt Ion:228 Resp: 2029366
Ion Ratio Lower Upper
228 100
226 27.6 22.5 33.7
229 20.1 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 42.932 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:252 Resp: 568727
Ion Ratio Lower Upper
252 100
254 64.9 51.8 77.6
126 12.5 8.3 12.5





#83

Chrysene

Concen: 42.762 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

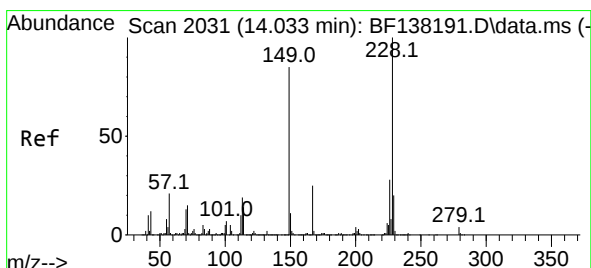
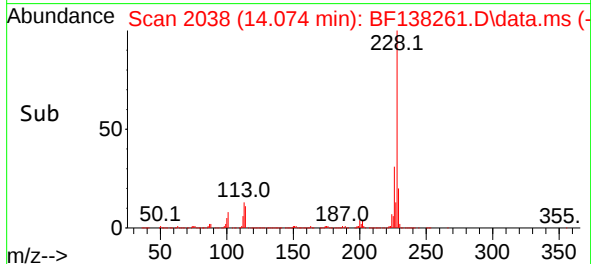
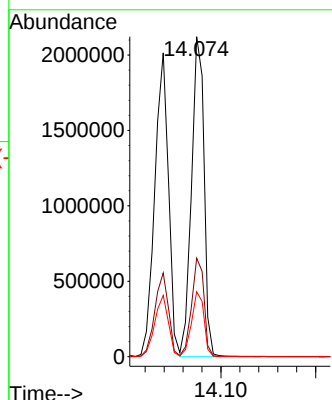
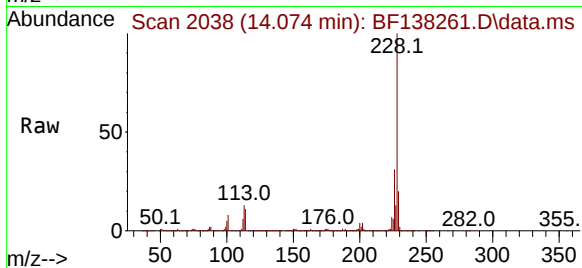
Tgt Ion:228 Resp: 1960777

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 20.3 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.958 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

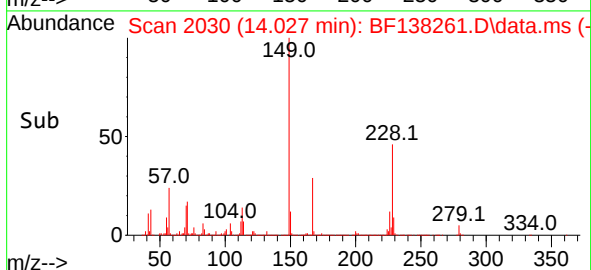
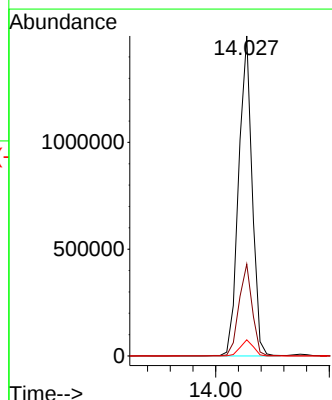
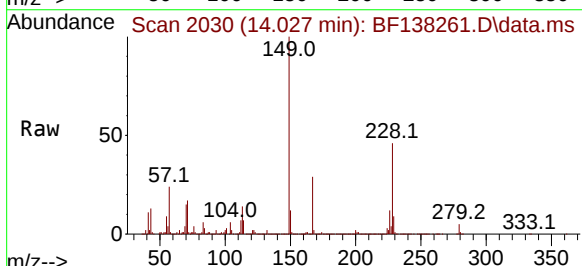
Tgt Ion:149 Resp: 1226838

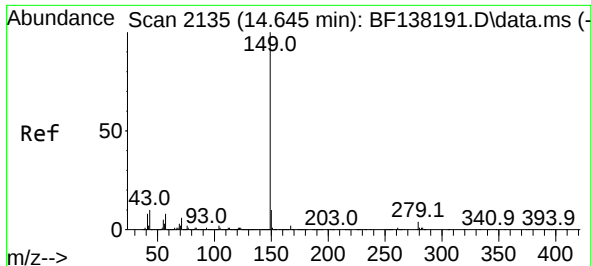
Ion Ratio Lower Upper

149 100

167 28.7 23.5 35.3

279 5.0 4.2 6.2

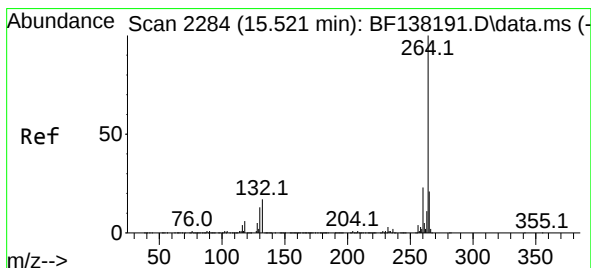
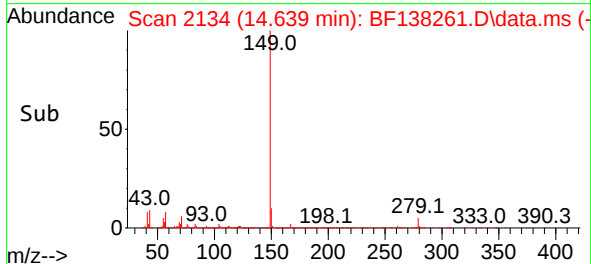
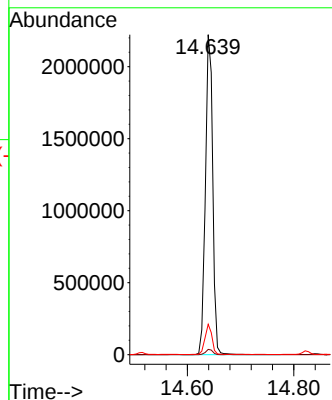
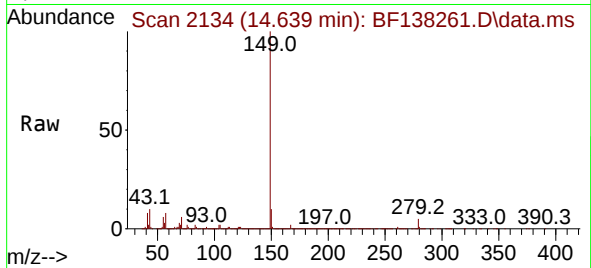




#85
Di-n-octyl phthalate
Concen: 69.319 ng
RT: 14.639 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

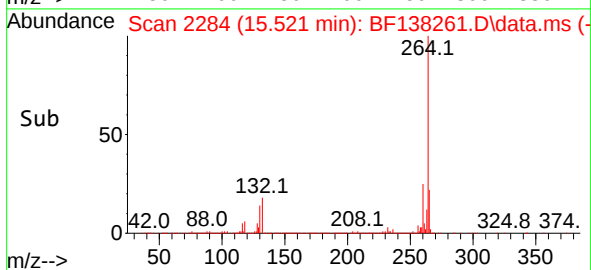
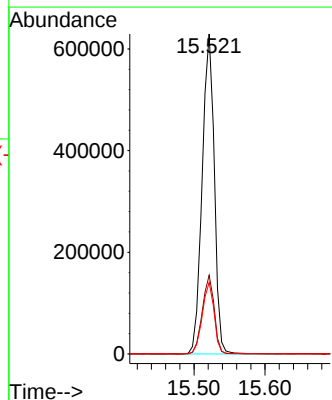
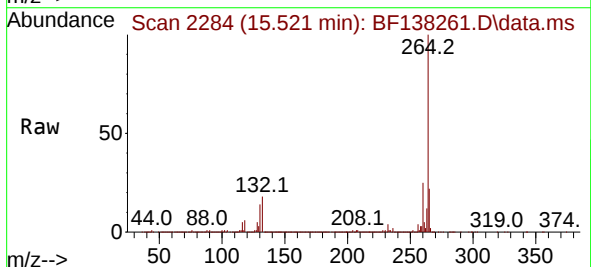
Instrument :
BNA_F
ClientSampleId :
PB161578BS

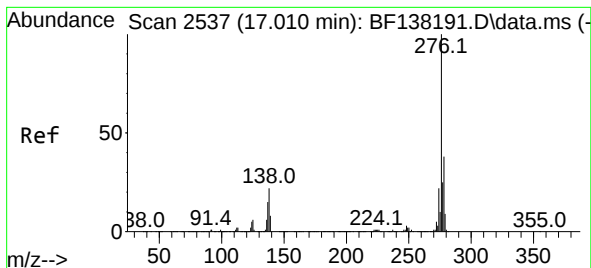
Tgt Ion:149 Resp: 2107138
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF138261.D
Acq: 20 Jun 2024 13:02

Tgt Ion:264 Resp: 751342
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 22.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.986 ng

RT: 17.009 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

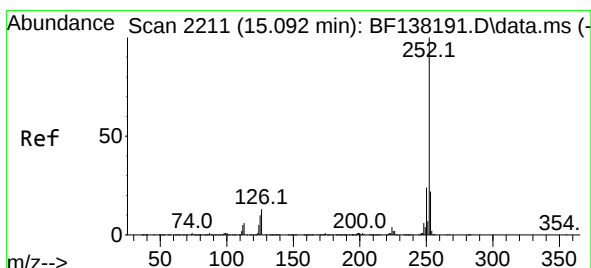
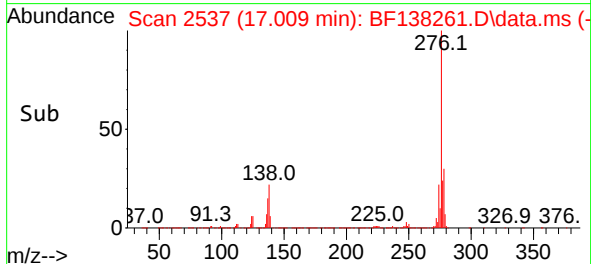
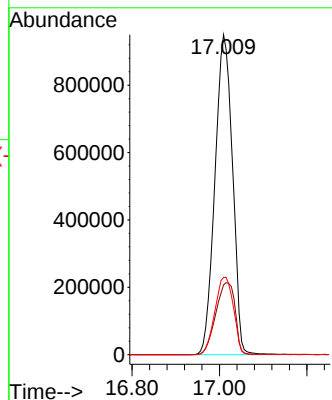
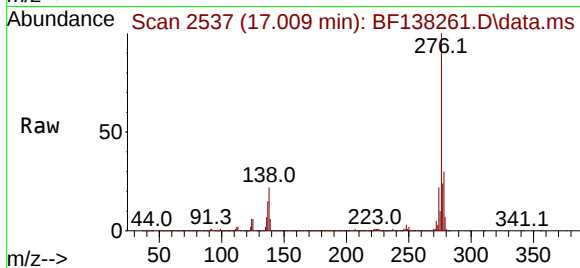
Tgt Ion:276 Resp: 2644222

Ion Ratio Lower Upper

276 100

138 24.7 19.3 28.9

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.684 ng

RT: 15.092 min Scan# 2211

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

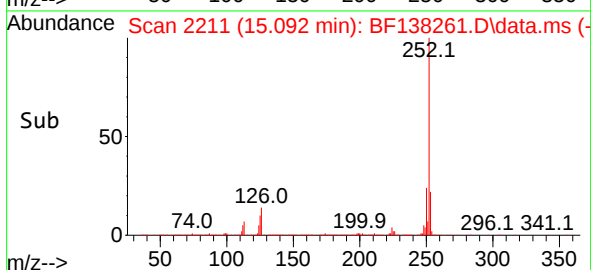
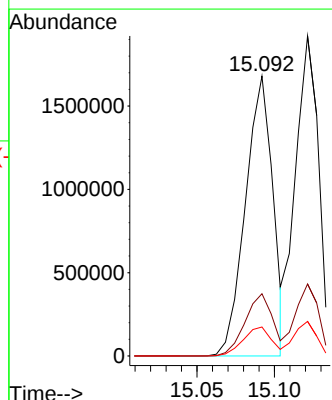
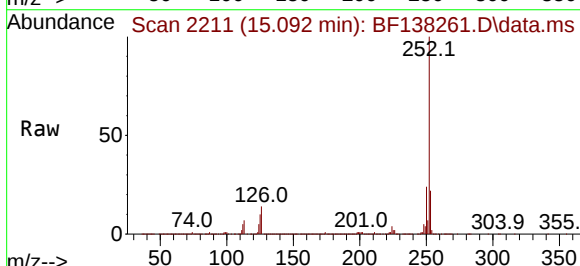
Tgt Ion:252 Resp: 2068468

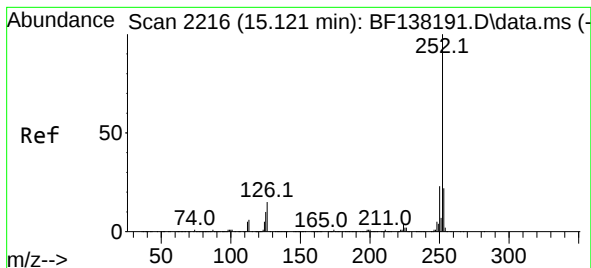
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.4 7.8 11.8





#89

Benzo(k)fluoranthene

Concen: 46.233 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

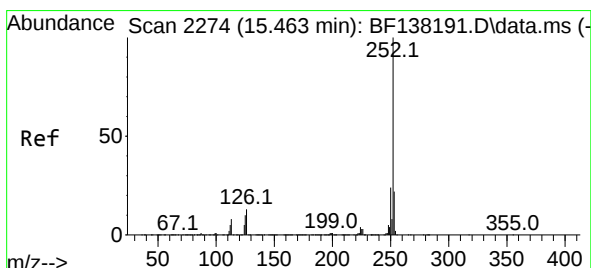
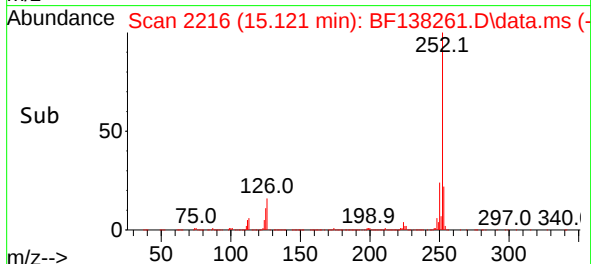
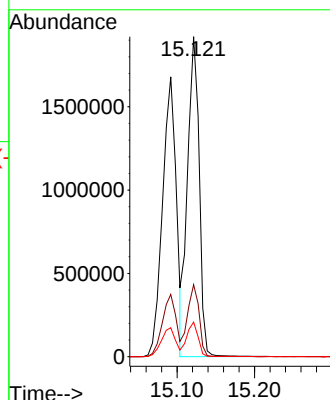
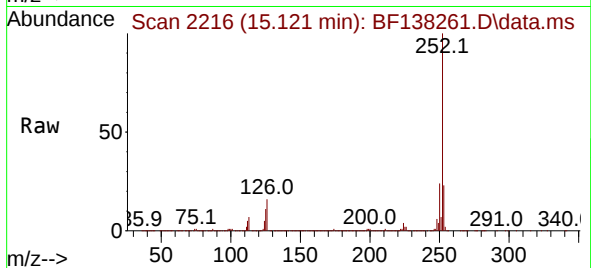
Tgt Ion:252 Resp: 2007576

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 10.8 8.0 12.0



#90

Benzo(a)pyrene

Concen: 50.422 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

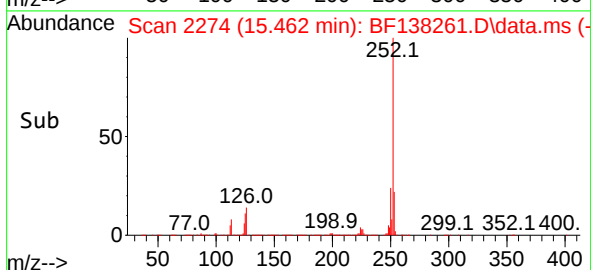
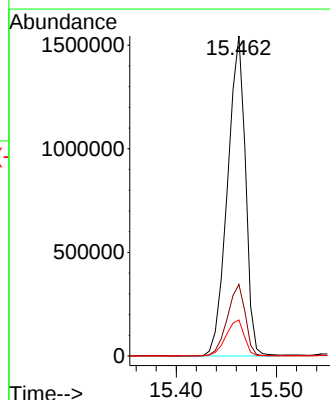
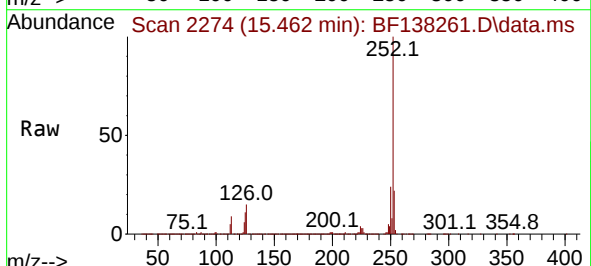
Tgt Ion:252 Resp: 1919289

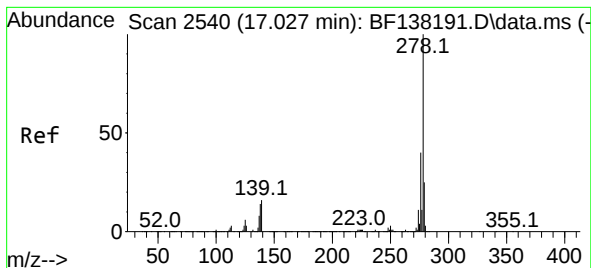
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.2 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 54.327 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB161578BS

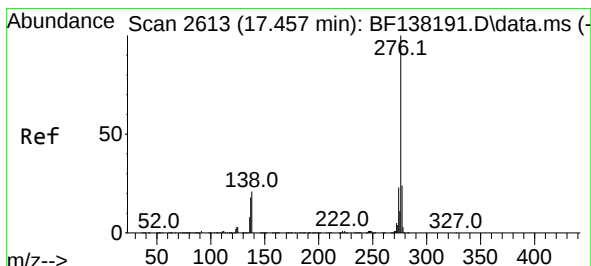
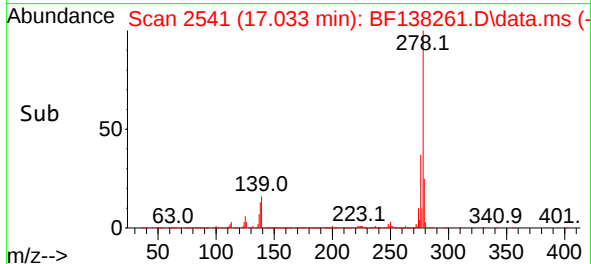
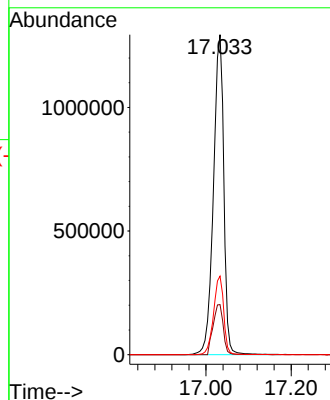
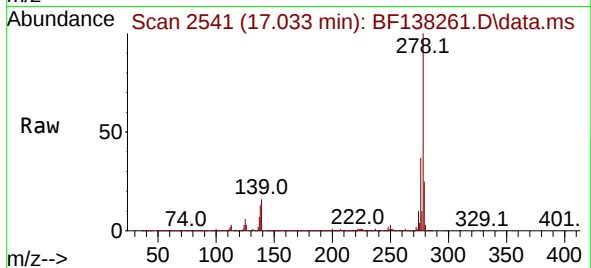
Tgt Ion:278 Resp: 2184146

Ion Ratio Lower Upper

278 100

139 15.6 12.9 19.3

279 24.6 19.9 29.9



#92

Benzo(g,h,i)perylene

Concen: 51.220 ng

RT: 17.462 min Scan# 2614

Delta R.T. 0.006 min

Lab File: BF138261.D

Acq: 20 Jun 2024 13:02

Tgt Ion:276 Resp: 2130299

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 21.7 16.6 24.8

