

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138310.D
 Acq On : 24 Jun 2024 15:12
 Operator : CG\JU
 Sample : P2998-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPLMSD

Quant Time: Jun 24 15:41:14 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	264461	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1011409	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	524963	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	757386	20.000	ng	0.00
76) Chrysene-d12	14.045	240	521713	20.000	ng	0.00
86) Perylene-d12	15.521	264	620494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1601180	101.281	ng	0.00
7) Phenol-d6	6.522	99	1998934	99.714	ng	0.00
23) Nitrobenzene-d5	7.451	82	1236838	71.192	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	527099	100.859	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2344404	71.014	ng	0.00
79) Terphenyl-d14	12.992	244	1981199	60.146	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	266877	36.888	ng	98
3) Pyridine	3.505	79	707842	41.166	ng	98
4) n-Nitrosodimethylamine	3.446	42	368432	46.297	ng	91
6) Aniline	6.545	93	820579	41.834	ng	99
8) 2-Chlorophenol	6.669	128	849627	49.710	ng	97
9) Benzaldehyde	6.434	77	197508	18.550	ng	100
10) Phenol	6.534	94	1004763	49.389	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	776702	47.703	ng	100
12) 1,3-Dichlorobenzene	6.828	146	866245	44.596	ng	98
13) 1,4-Dichlorobenzene	6.904	146	880391	45.038	ng	99
14) 1,2-Dichlorobenzene	7.057	146	845251	46.061	ng	98
15) Benzyl Alcohol	7.028	79	673144	49.801	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1025766	44.639	ng	96
17) 2-Methylphenol	7.140	107	650225	48.218	ng	98
18) Hexachloroethane	7.398	117	314311	47.462	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	544431	45.817	ng	96
20) 3+4-Methylphenols	7.292	107	762467	44.922	ng	97
22) Acetophenone	7.298	105	961248	41.604	ng	# 98
24) Nitrobenzene	7.469	77	823984	45.889	ng	96
25) Isophorone	7.704	82	1510146	48.056	ng	98
26) 2-Nitrophenol	7.787	139	453856	62.858	ng	97
27) 2,4-Dimethylphenol	7.822	122	575541	52.394	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	951849	48.388	ng	100
29) 2,4-Dichlorophenol	8.022	162	696969	49.282	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	768569	46.081	ng	98
31) Naphthalene	8.192	128	2250090	44.991	ng	99
32) Benzoic acid	7.928	122	319321	32.982	ng	98
33) 4-Chloroaniline	8.234	127	537041	28.731	ng	99
34) Hexachlorobutadiene	8.304	225	444558	45.575	ng	99
35) Caprolactam	8.610	113	151723	35.535	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	694798	49.342	ng	96
37) 2-Methylnaphthalene	8.881	142	1513281	46.105	ng	100
38) 1-Methylnaphthalene	8.981	142	1387030	43.123	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	708795	46.205	ng	99
41) Hexachlorocyclopentadiene	9.034	237	576721	115.297	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	505255	52.601	ng	97

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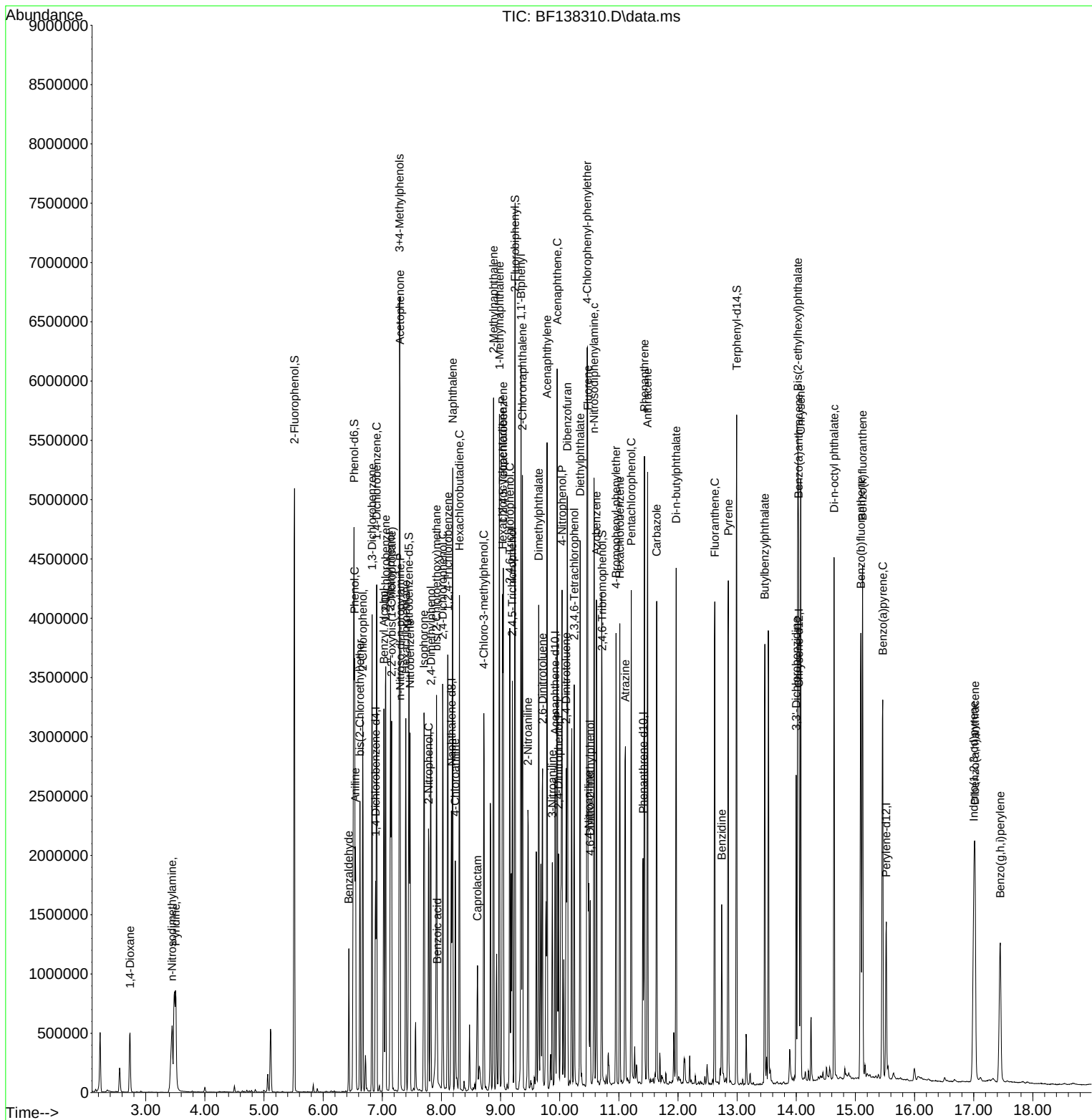
Instrument :
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 ClientSampleId :
 WCS-TPLMSD

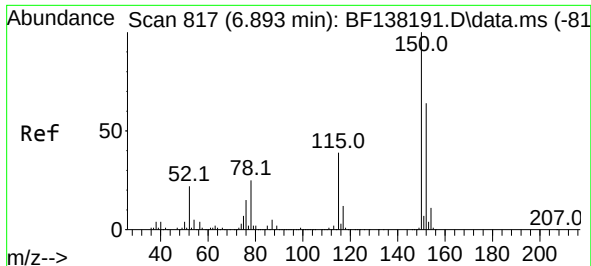
Quant Time: Jun 24 15:41:14 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	526833	49.944	ng	99
46) 1,1'-Biphenyl	9.345	154	1738185	45.123	ng	98
47) 2-Chloronaphthalene	9.369	162	1439662	47.290	ng	99
48) 2-Nitroaniline	9.463	65	407536	55.586	ng	98
49) Acenaphthylene	9.786	152	2156760	50.522	ng	100
50) Dimethylphthalate	9.645	163	1690527	52.558	ng	100
51) 2,6-Dinitrotoluene	9.710	165	384852	55.153	ng	# 83
52) Acenaphthene	9.957	154	1411956	48.505	ng	99
53) 3-Nitroaniline	9.875	138	306015	41.052	ng	96
54) 2,4-Dinitrophenol	9.981	184	250682	73.170	ng	93
55) Dibenzofuran	10.128	168	1915475	47.071	ng	100
56) 4-Nitrophenol	10.039	139	456720	77.530	ng	92
57) 2,4-Dinitrotoluene	10.110	165	481495	55.946	ng	96
58) Fluorene	10.475	166	1410404	44.082	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	387851	47.047	ng	99
60) Diethylphthalate	10.345	149	1566943	51.329	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	742324	46.585	ng	100
62) 4-Nitroaniline	10.492	138	330389	44.360	ng	93
63) Azobenzene	10.622	77	1417047	46.333	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	208305	53.111	ng	84
66) n-Nitrosodiphenylamine	10.581	169	1294089	55.810	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	472005	55.306	ng	# 91
68) Hexachlorobenzene	11.016	284	512239	51.431	ng	98
69) Atrazine	11.110	200	379619	57.479	ng	98
70) Pentachlorophenol	11.210	266	477591	82.222	ng	96
71) Phenanthrene	11.433	178	1839144	49.102	ng	99
72) Anthracene	11.486	178	1857081	49.938	ng	99
73) Carbazole	11.639	167	1494853	43.827	ng	99
74) Di-n-butylphthalate	11.969	149	1991489	56.399	ng	99
75) Fluoranthene	12.622	202	1664095	43.570	ng	98
77) Benzidine	12.739	184	562080	93.144	ng	98
78) Pyrene	12.851	202	1703305	37.851	ng	99
80) Butylbenzylphthalate	13.469	149	736965	60.207	ng	97
81) Benzo(a)anthracene	14.039	228	1715968	51.268	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	515101	55.885	ng	99
83) Chrysene	14.074	228	1643006	51.499	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1079724	75.842	ng	99
85) Di-n-octyl phthalate	14.639	149	1988842	94.035	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	1445158	35.727	ng	100
88) Benzo(b)fluoranthene	15.092	252	1923389	52.564	ng	99
89) Benzo(k)fluoranthene	15.121	252	1845483	51.463	ng	100
90) Benzo(a)pyrene	15.463	252	1691834	53.819	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	1186370	35.732	ng	98
92) Benzo(g,h,i)perylene	17.451	276	1035344	30.143	ng	99

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

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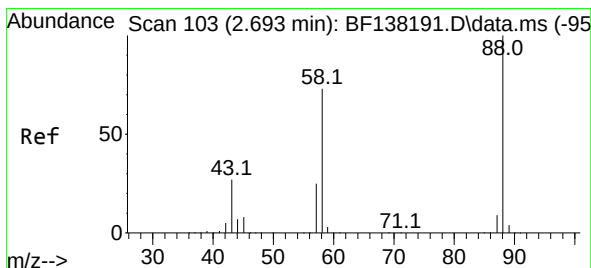
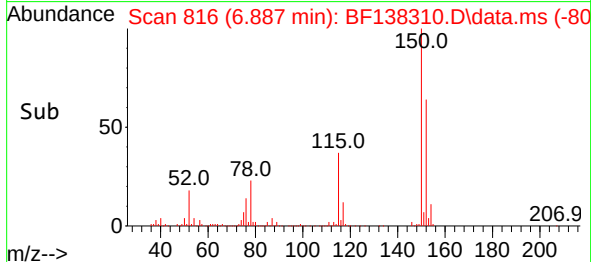
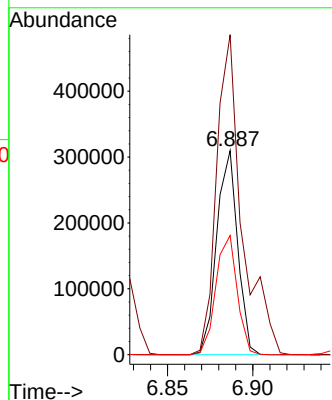
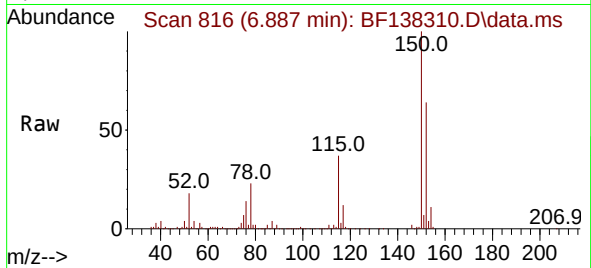




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

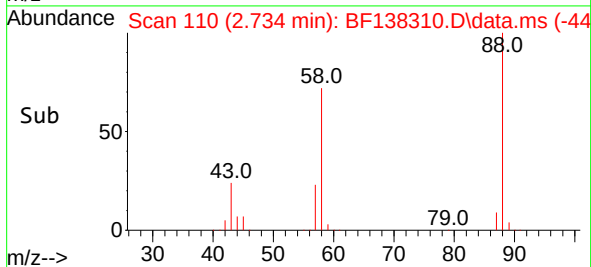
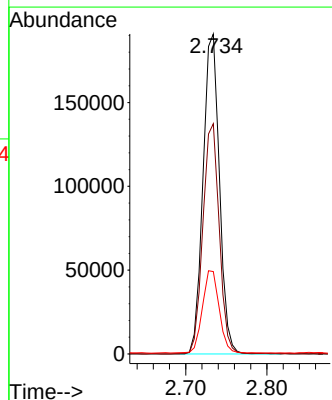
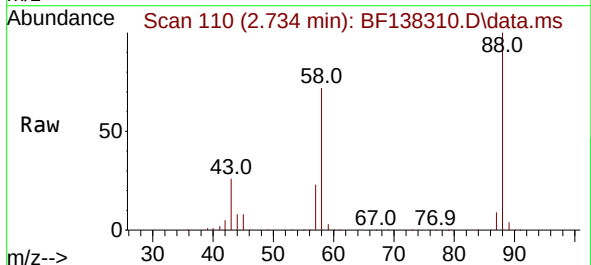
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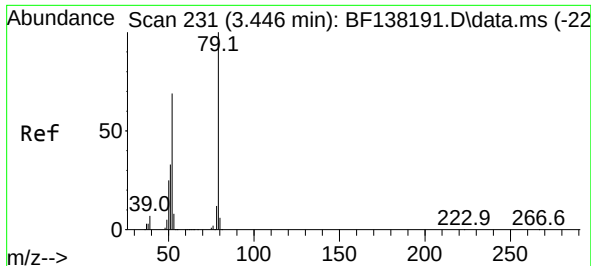
Tgt Ion:152 Resp: 264461
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.4
115 58.5 48.4 72.6



#2
1,4-Dioxane
Concen: 36.888 ng
RT: 2.734 min Scan# 110
Delta R.T. 0.041 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion: 88 Resp: 266877
Ion Ratio Lower Upper
88 100
58 71.9 58.6 87.8
43 26.4 22.4 33.6





#3

Pyridine

Concen: 41.166 ng

RT: 3.505 min Scan# 241

Delta R.T. 0.059 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

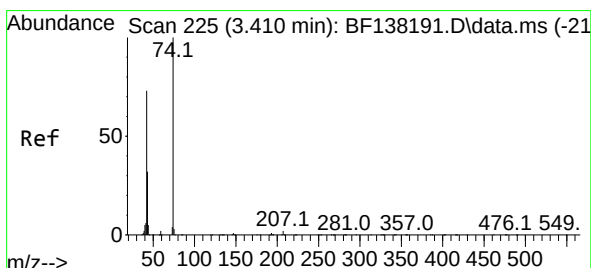
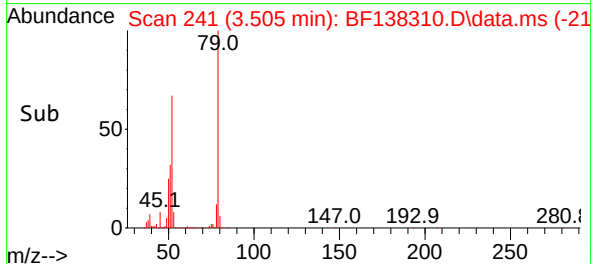
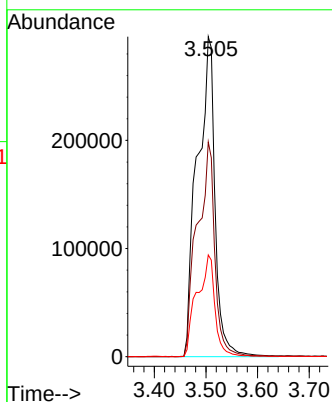
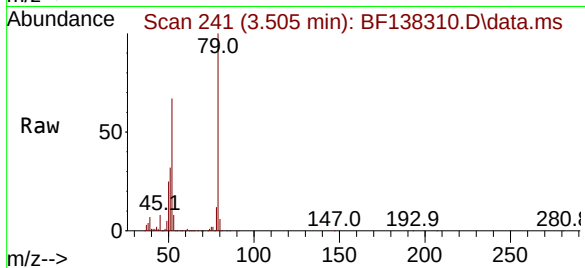
BNA_F

ClientSampleId :

WCS-TPLMSD

Tgt Ion: 79 Resp: 707842

Ion	Ratio	Lower	Upper
79	100		
52	67.1	55.0	82.4
51	31.8	26.9	40.3



#4

n-Nitrosodimethylamine

Concen: 46.297 ng

RT: 3.446 min Scan# 231

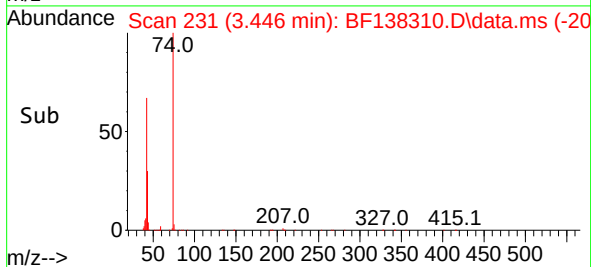
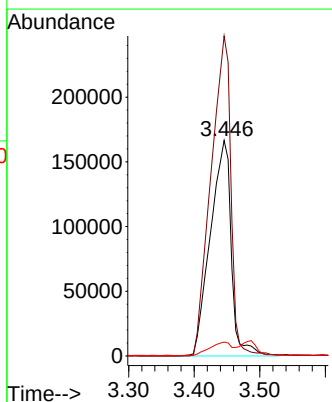
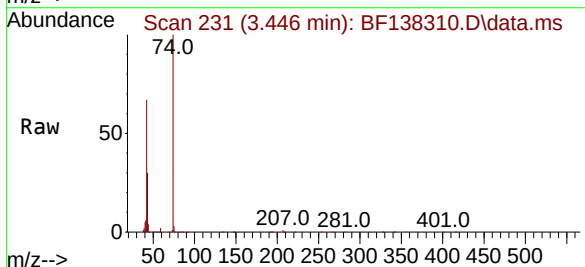
Delta R.T. 0.035 min

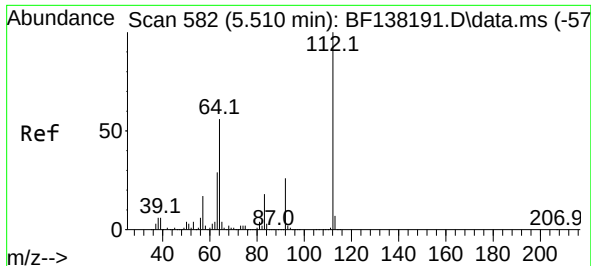
Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Tgt Ion: 42 Resp: 368432

Ion	Ratio	Lower	Upper
42	100		
74	148.5	109.9	164.9
44	6.4	5.2	7.8

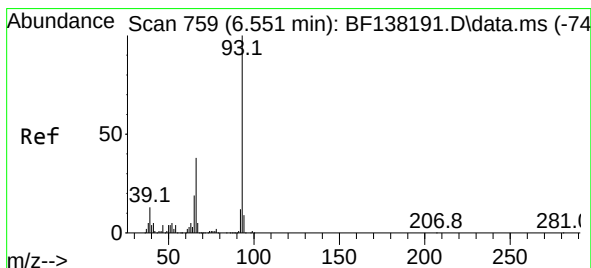
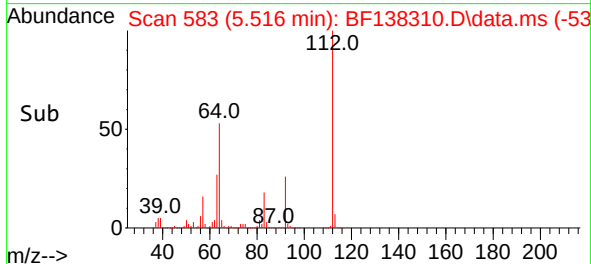
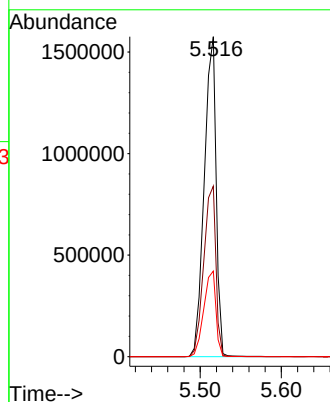
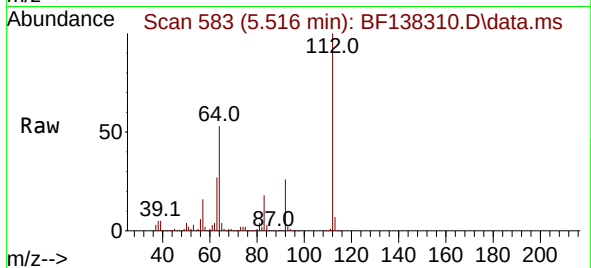




#5
2-Fluorophenol
Concen: 101.281 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

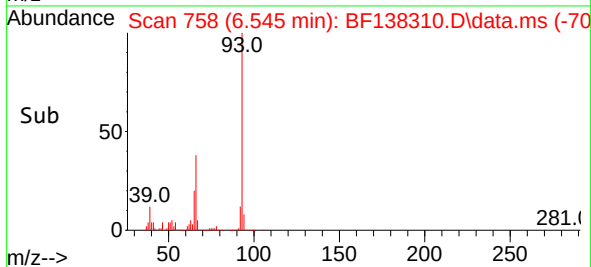
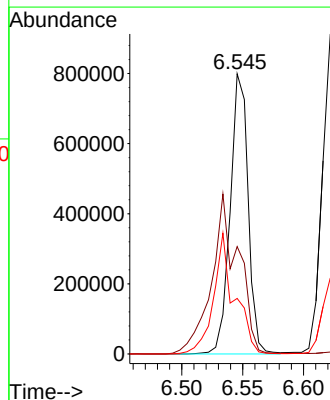
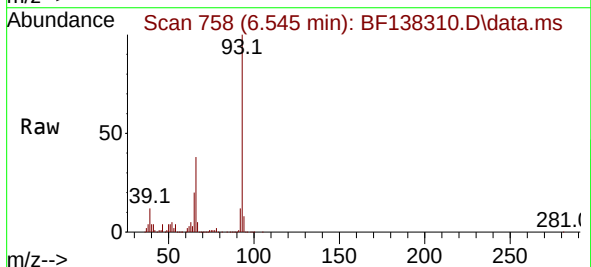
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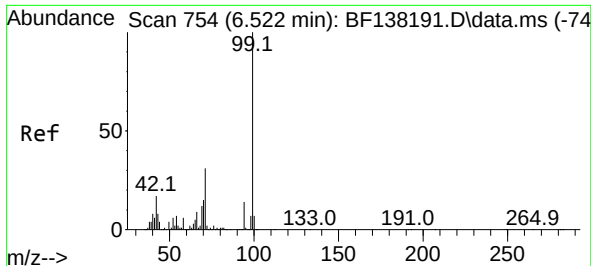
Tgt Ion:112 Resp: 1601180
Ion Ratio Lower Upper
112 100
64 53.3 45.2 67.8
63 26.7 22.9 34.3



#6
Aniline
Concen: 41.834 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion: 93 Resp: 820579
Ion Ratio Lower Upper
93 100
66 38.3 30.8 46.2
65 19.8 15.5 23.3

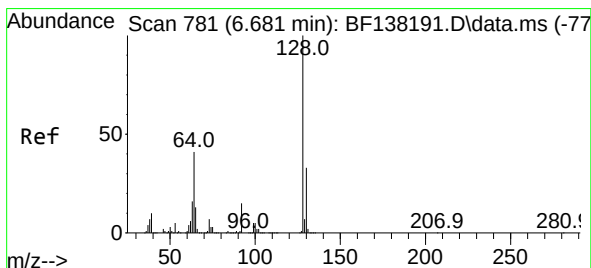
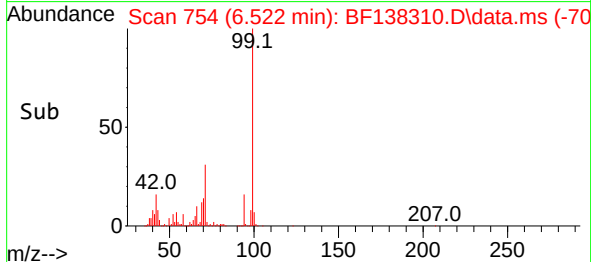
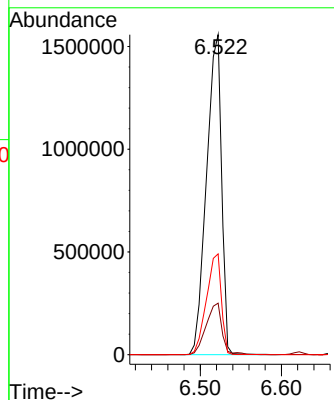
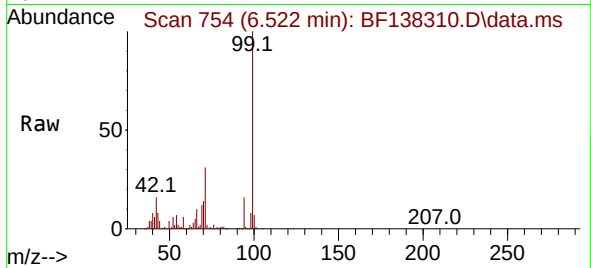




#7
Phenol-d6
Concen: 99.714 ng
RT: 6.522 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

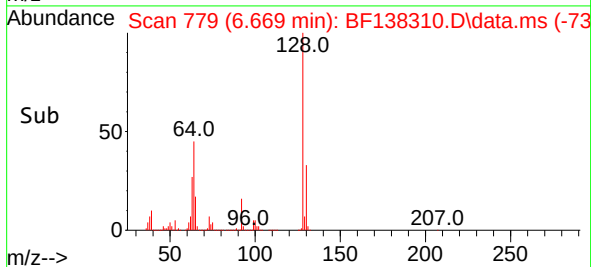
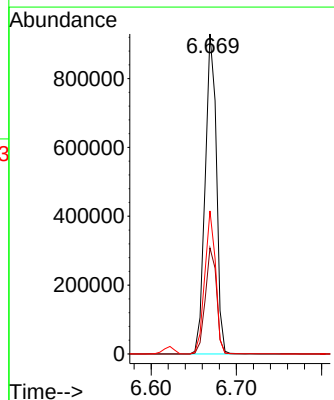
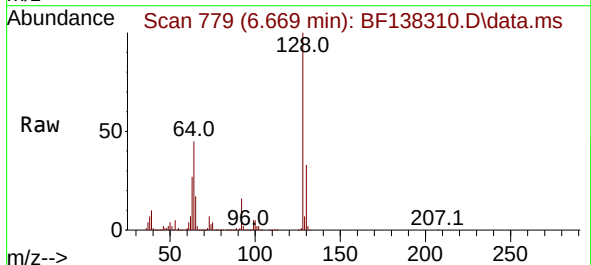
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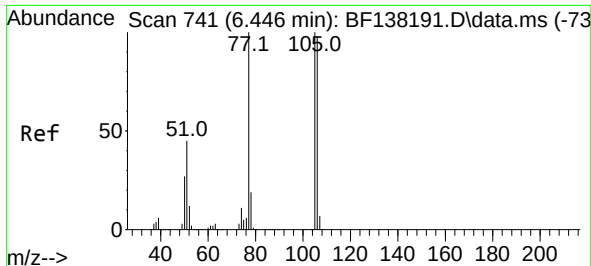
Tgt Ion: 99 Resp: 1998934
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 31.5 25.0 37.6



#8
2-Chlorophenol
Concen: 49.710 ng
RT: 6.669 min Scan# 779
Delta R.T. -0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:128 Resp: 849627
Ion Ratio Lower Upper
128 100
130 33.2 13.1 53.1
64 44.7 21.8 61.8

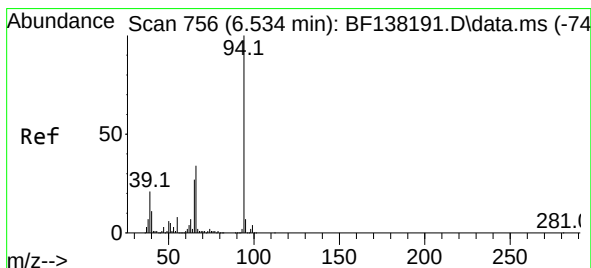
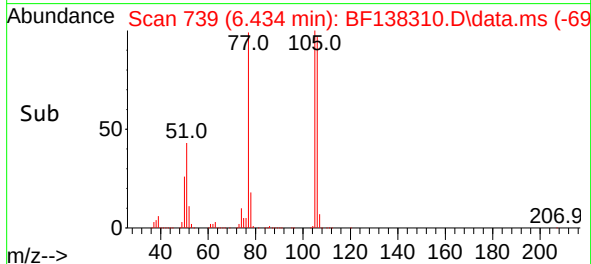
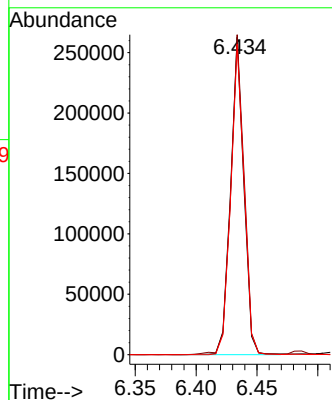
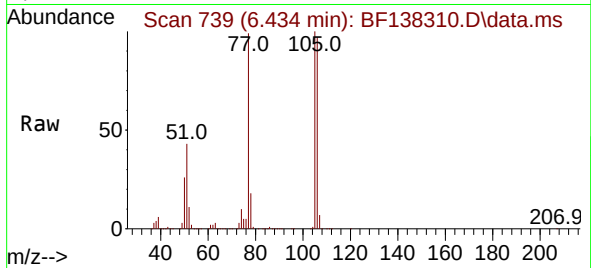




#9
Benzaldehyde
Concen: 18.550 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

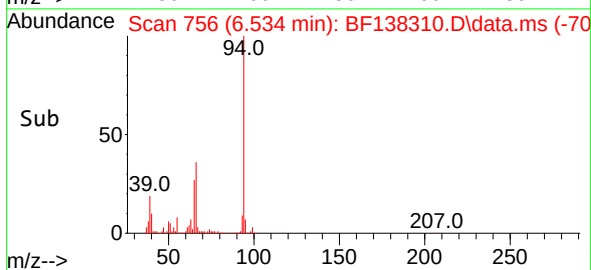
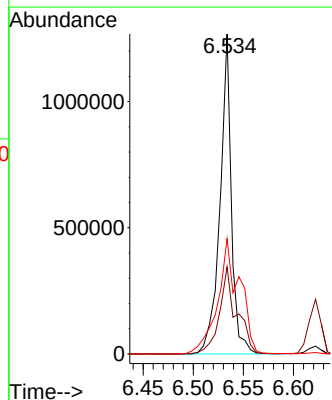
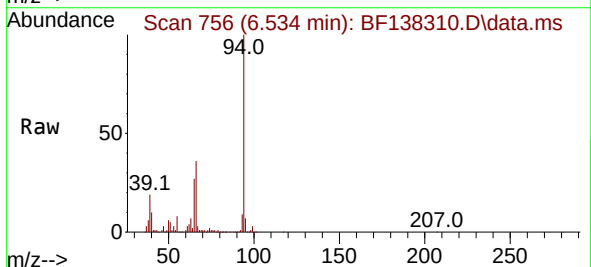
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

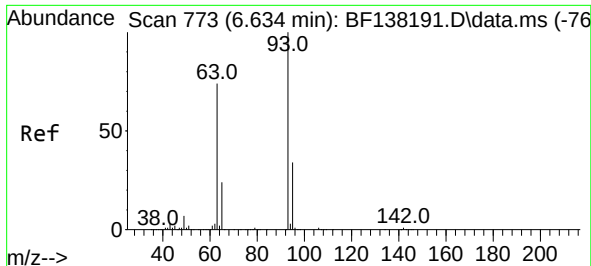
Tgt Ion: 77 Resp: 197508
Ion Ratio Lower Upper
77 100
105 100.8 80.1 120.1
106 97.8 77.8 117.8



#10
Phenol
Concen: 49.389 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion: 94 Resp: 1004763
Ion Ratio Lower Upper
94 100
65 27.2 6.8 46.8
66 36.0 14.2 54.2

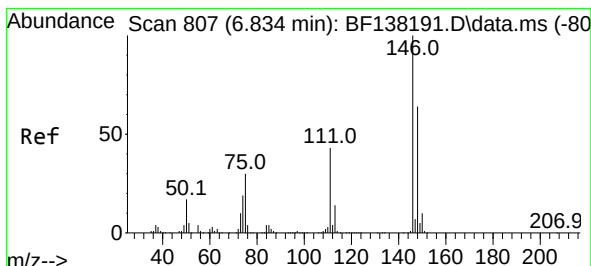
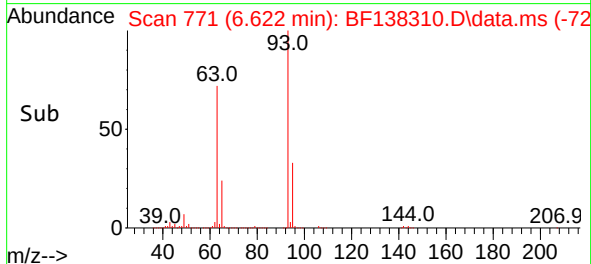
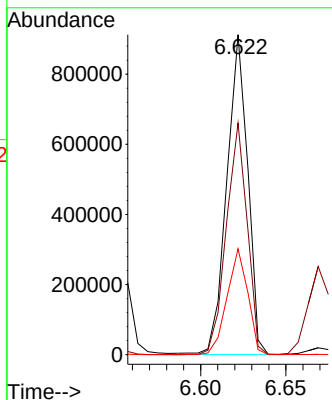
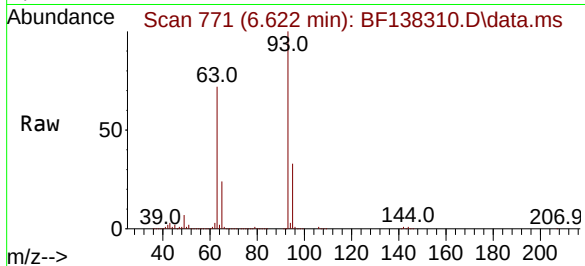




#11
bis(2-Chloroethyl)ether
Concen: 47.703 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

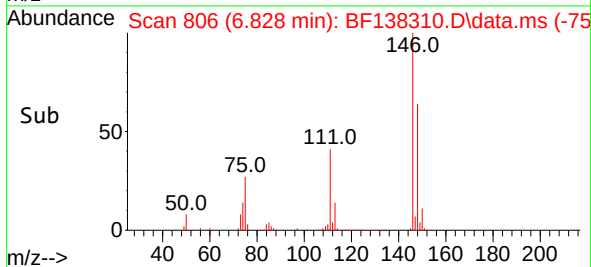
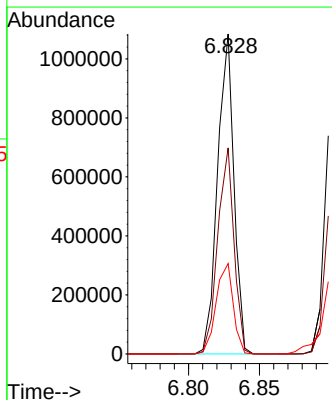
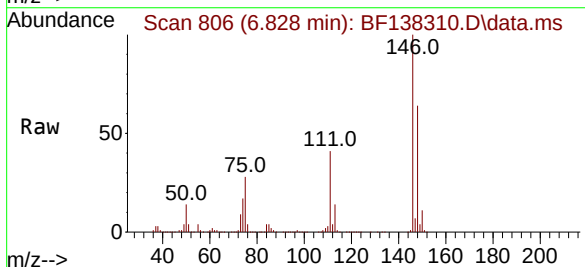
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

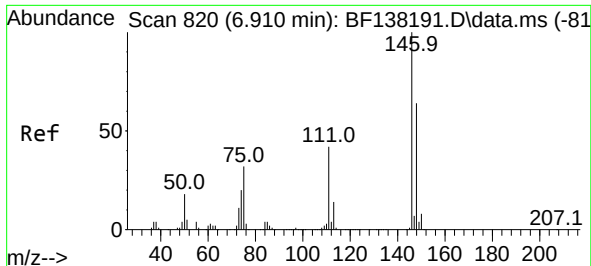
Tgt Ion: 93 Resp: 776702
Ion Ratio Lower Upper
93 100
63 72.4 52.5 92.5
95 33.1 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 44.596 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:146 Resp: 866245
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
75 28.3 24.3 36.5

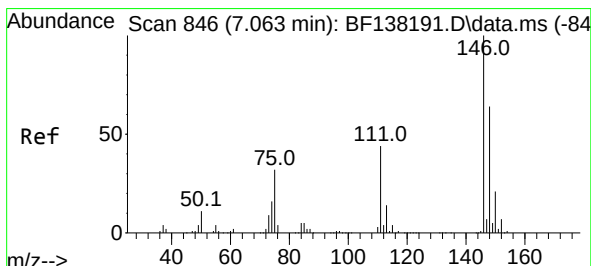
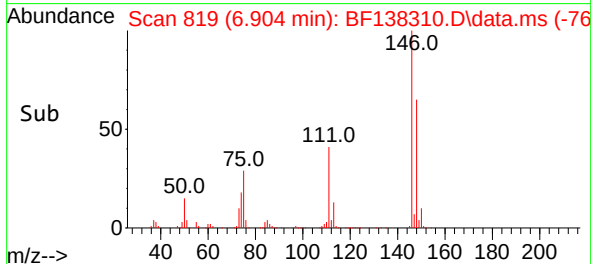
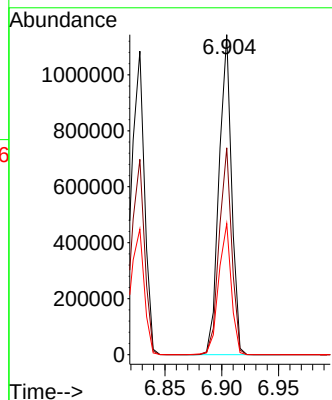
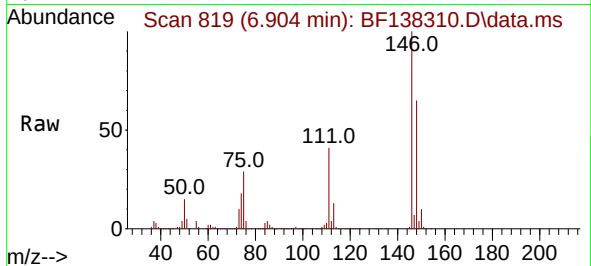




#13
1,4-Dichlorobenzene
Concen: 45.038 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

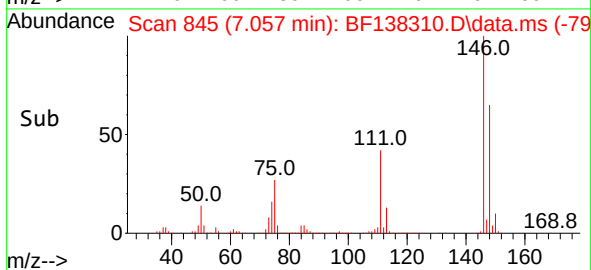
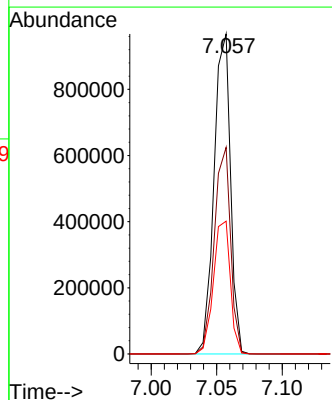
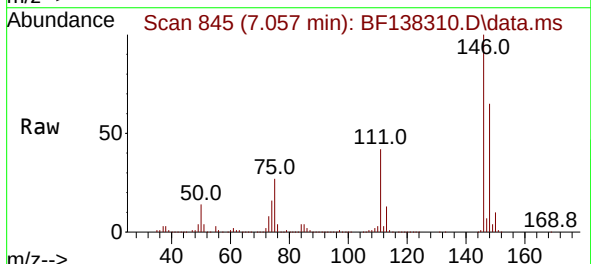
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

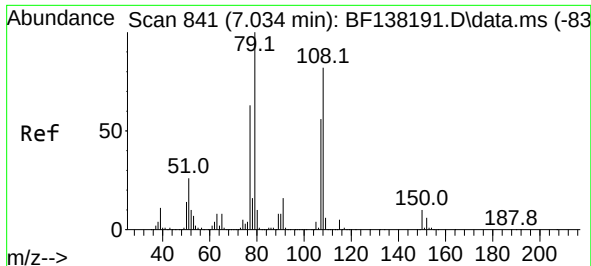
Tgt Ion:146 Resp: 880391
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
111 40.9 33.7 50.5



#14
1,2-Dichlorobenzene
Concen: 46.061 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:146 Resp: 845251
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
111 41.5 35.4 53.2





#15

Benzyl Alcohol

Concen: 49.801 ng

RT: 7.028 min Scan# 841

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

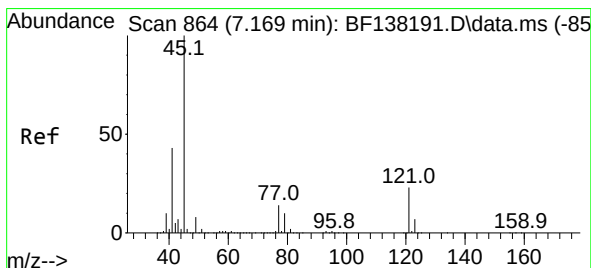
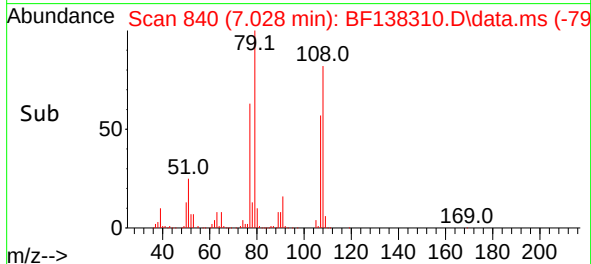
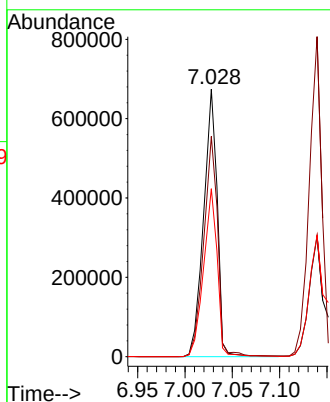
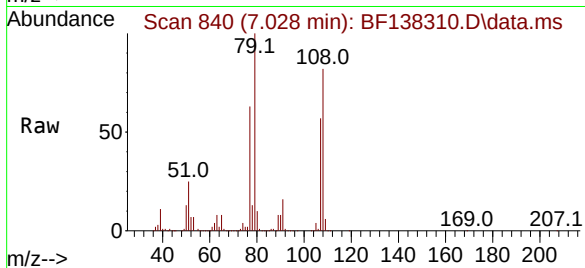
Tgt Ion: 79 Resp: 673144

Ion Ratio Lower Upper

79 100

108 82.4 65.9 98.9

77 62.8 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.639 ng

RT: 7.157 min Scan# 862

Delta R.T. -0.012 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

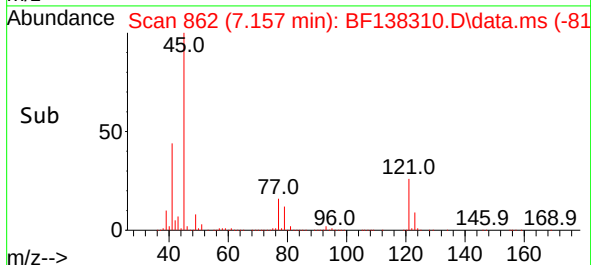
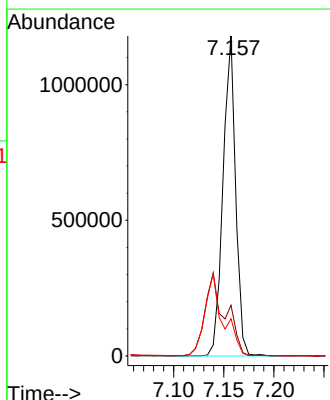
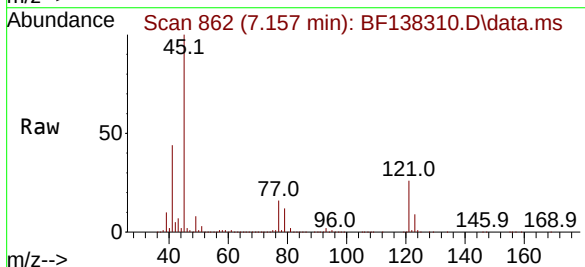
Tgt Ion: 45 Resp: 1025766

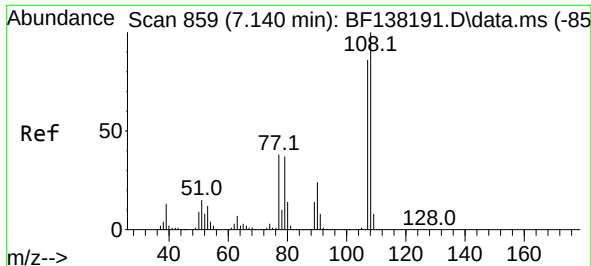
Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.9

79 11.7 0.0 30.7

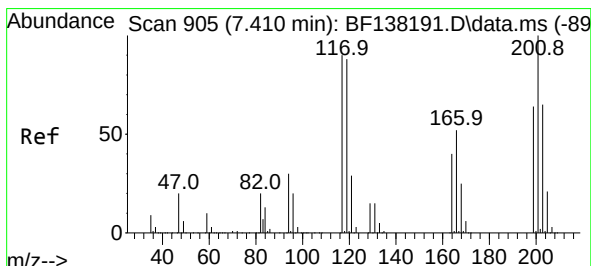
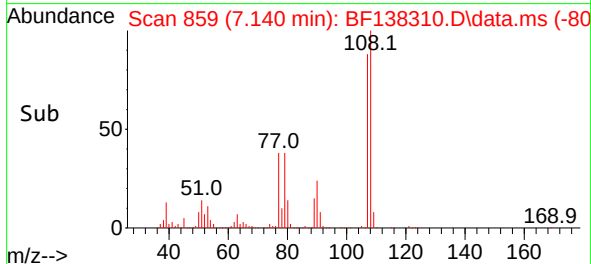
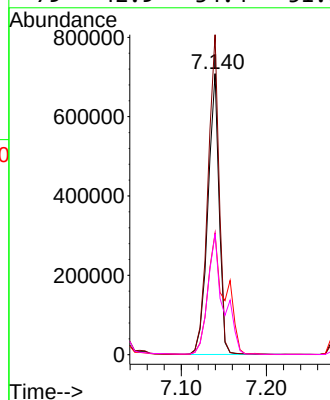
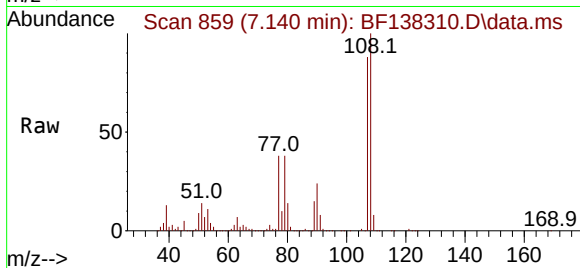




#17
2-Methylphenol
Concen: 48.218 ng
RT: 7.140 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

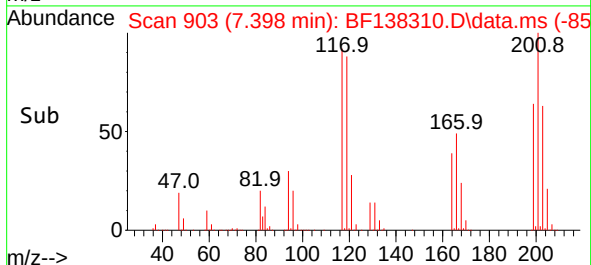
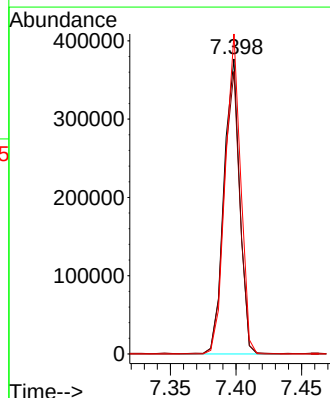
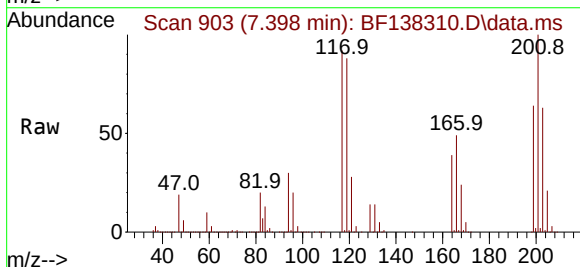
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

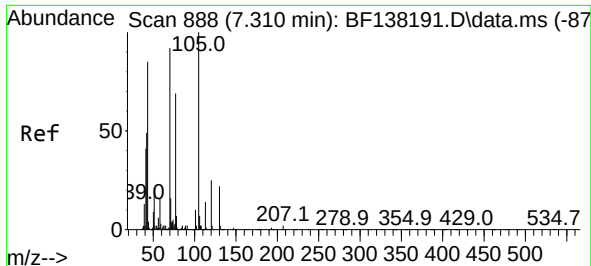
Tgt Ion:	107	Resp:	650225
Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.7	139.1
77	43.2	35.7	53.5
79	42.9	34.4	51.6



#18
Hexachloroethane
Concen: 47.462 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:	117	Resp:	314311
Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.4	117.6
201	108.5	89.0	133.6

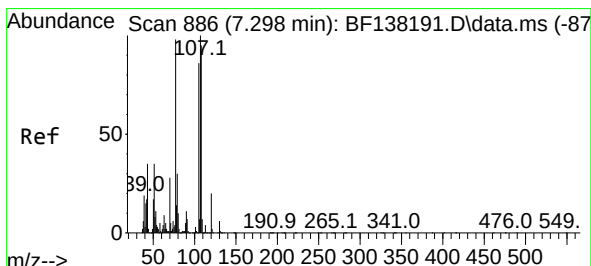
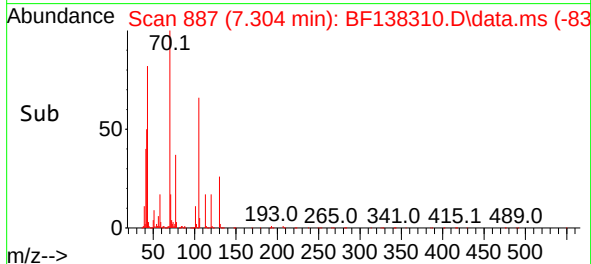
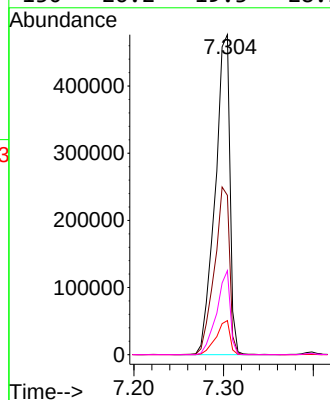
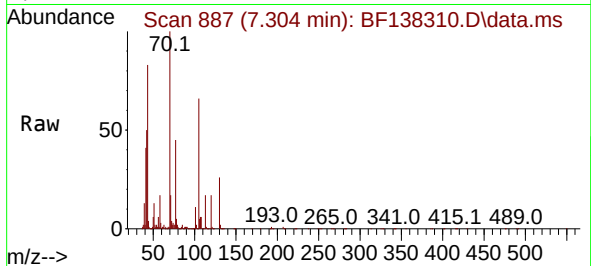




#19
n-Nitroso-di-n-propylamine
Concen: 45.817 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

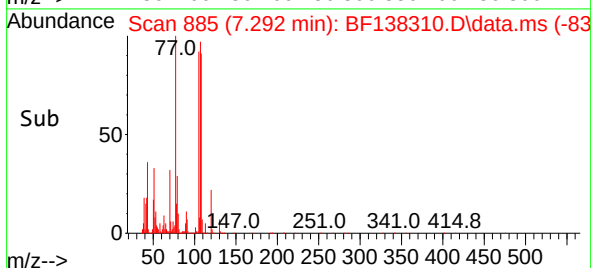
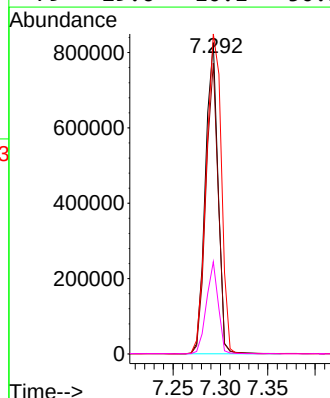
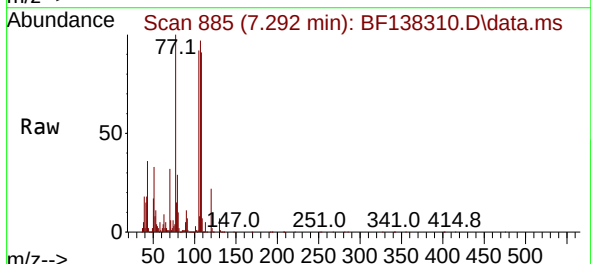
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

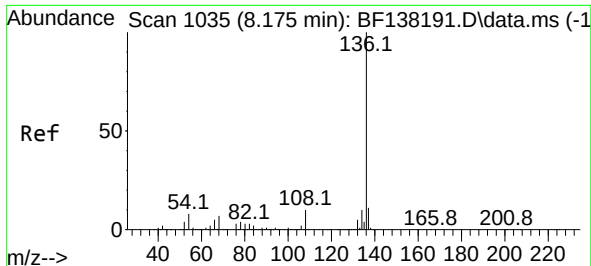
Tgt Ion:	70	Resp:	544431
Ion	Ratio	Lower	Upper
70	100		
42	49.8	42.8	64.2
101	10.7	8.4	12.6
130	26.2	19.3	28.9



#20
3+4-Methylphenols
Concen: 44.922 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:	107	Resp:	762467
Ion	Ratio	Lower	Upper
107	100		
108	93.4	74.9	114.9
77	102.8	78.2	118.2
79	29.6	10.1	50.1

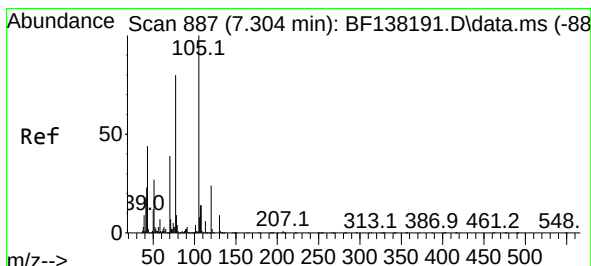
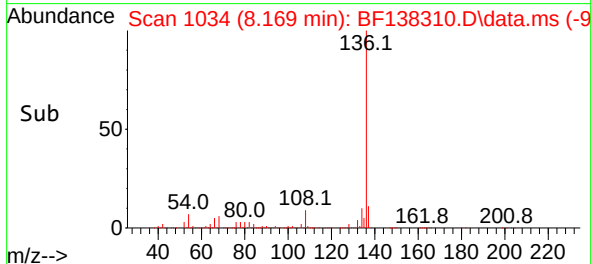
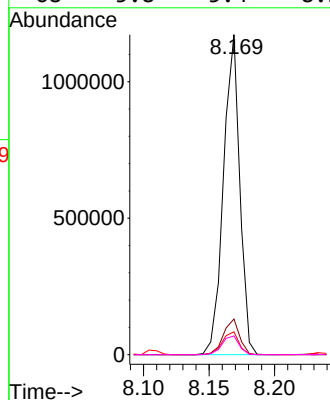
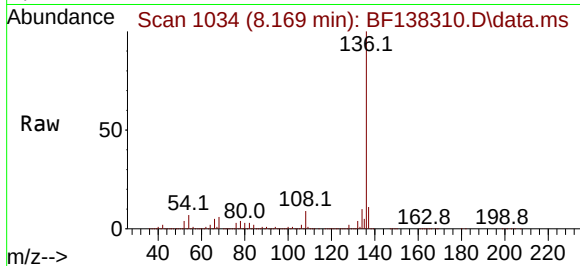




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

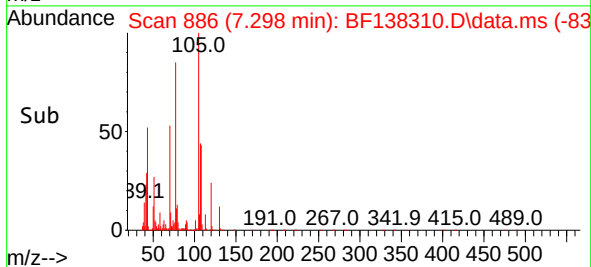
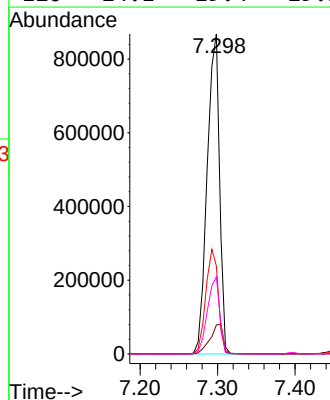
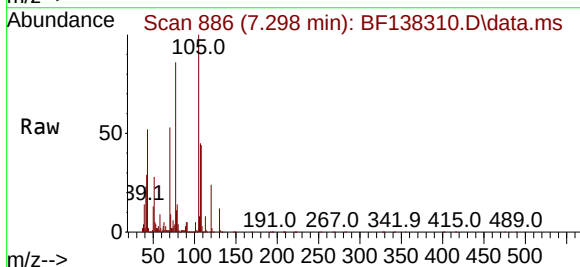
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

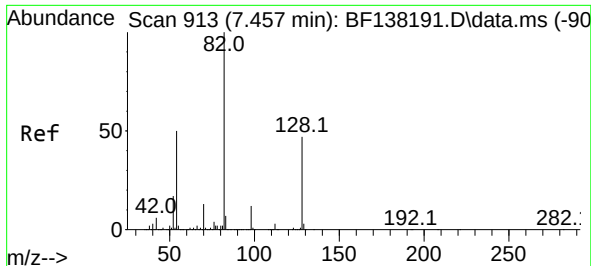
Tgt Ion:136 Resp: 1011409
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.2 6.6 10.0
68 5.8 5.4 8.2



#22
Acetophenone
Concen: 41.604 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:105 Resp: 961248
Ion Ratio Lower Upper
105 100
71 9.1 5.4 8.2#
51 27.6 21.4 32.0
120 24.1 19.4 29.2





#23

Nitrobenzene-d5

Concen: 71.192 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

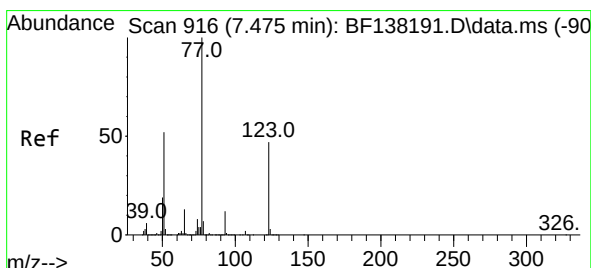
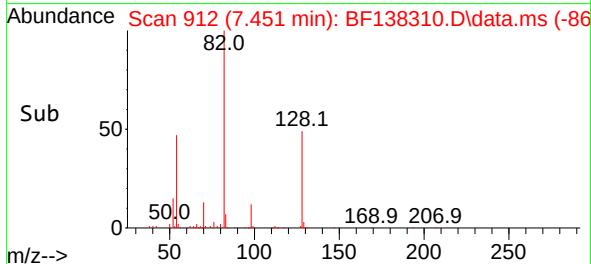
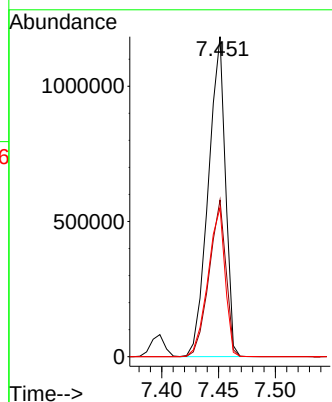
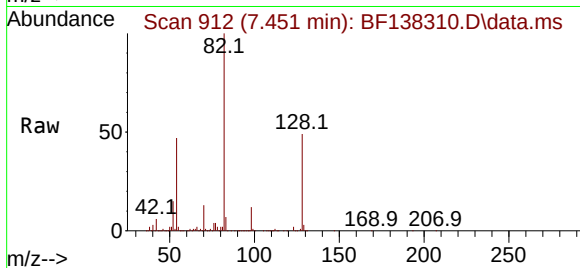
BNA_F

ClientSampleId :

WCS-TPLMSD

Tgt Ion: 82 Resp: 1236838

Ion	Ratio	Lower	Upper
82	100		
128	48.9	37.2	55.8
54	46.5	39.8	59.6



#24

Nitrobenzene

Concen: 45.889 ng

RT: 7.469 min Scan# 915

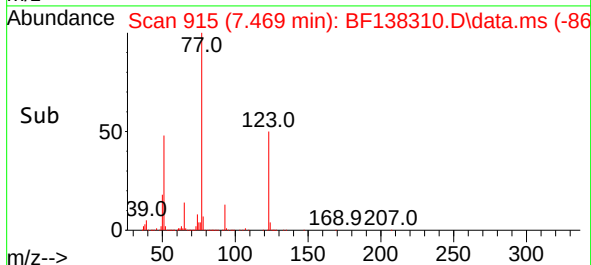
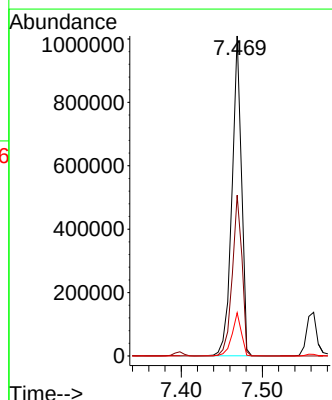
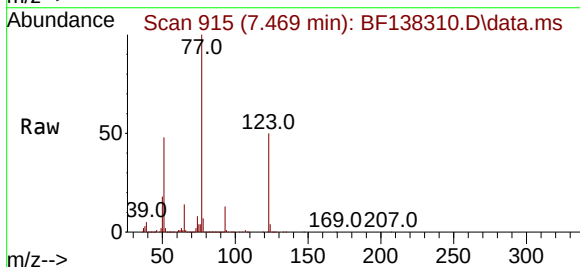
Delta R.T. -0.006 min

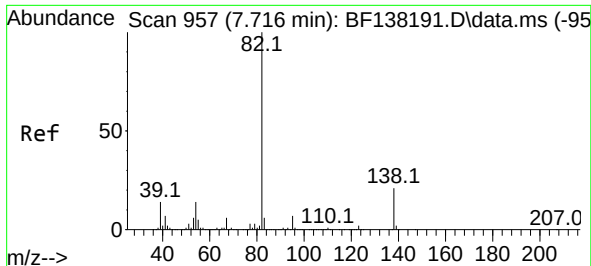
Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Tgt Ion: 77 Resp: 823984

Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.3	55.9
65	13.5	10.6	15.8

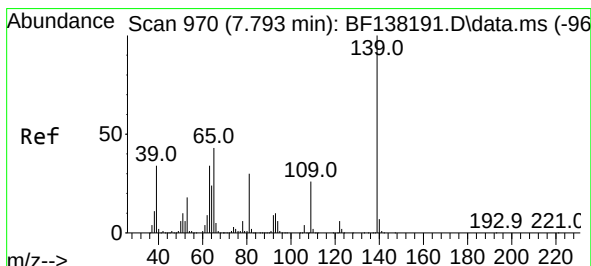
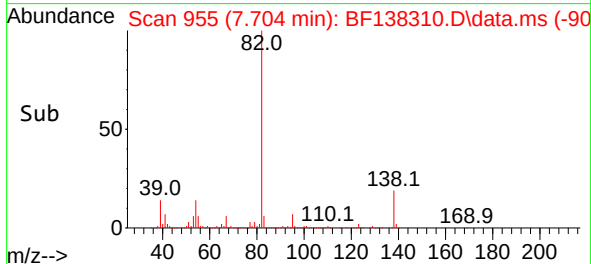
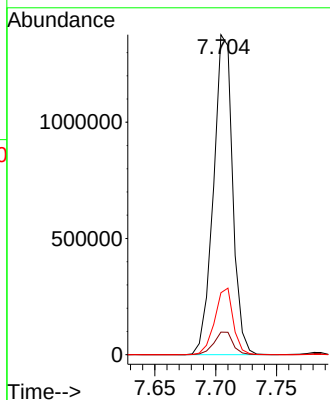
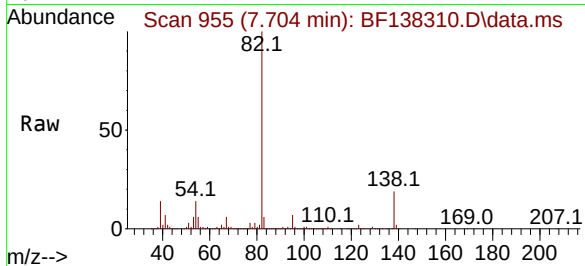




#25
Isophorone
Concen: 48.056 ng
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

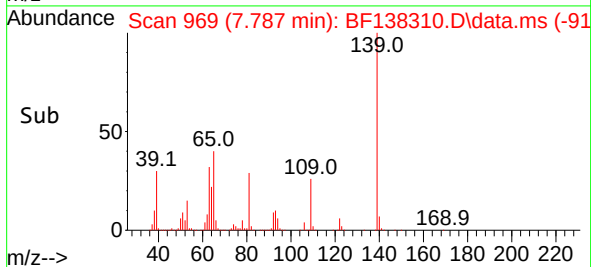
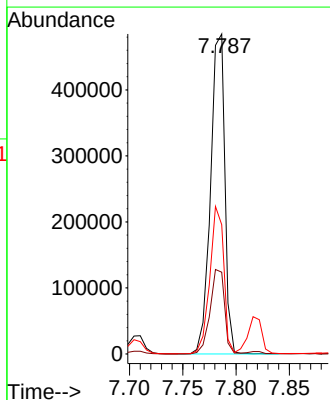
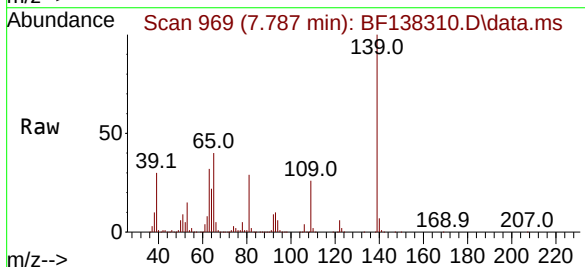
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

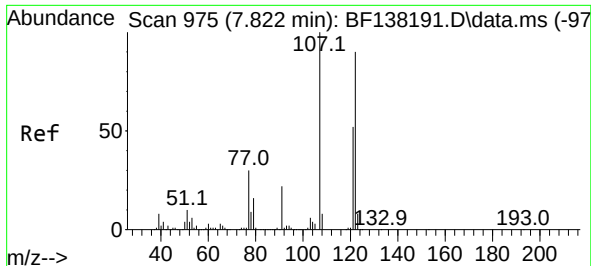
Tgt Ion: 82 Resp: 1510146
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.4 16.4 24.6



#26
2-Nitrophenol
Concen: 62.858 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:139 Resp: 453856
Ion Ratio Lower Upper
139 100
109 25.6 20.7 31.1
65 40.4 34.5 51.7





#27

2,4-Dimethylphenol

Concen: 52.394 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

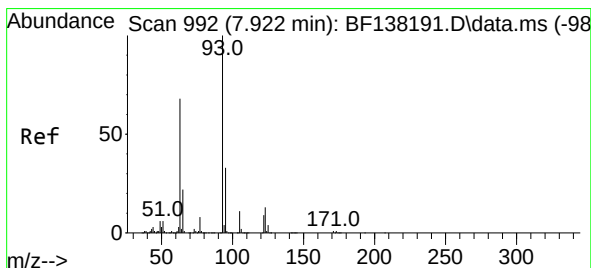
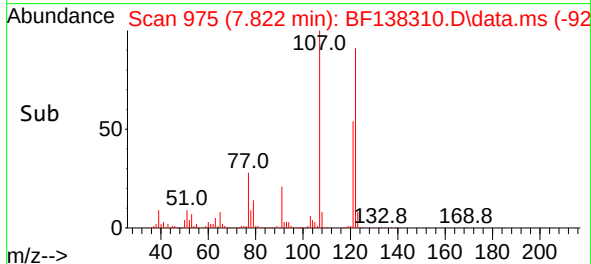
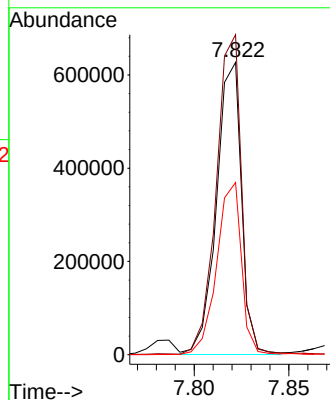
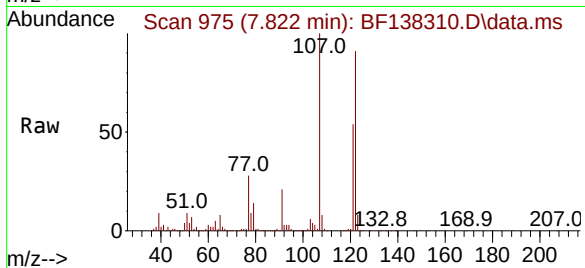
Tgt Ion:122 Resp: 575541

Ion Ratio Lower Upper

122 100

107 109.5 87.7 131.5

121 58.9 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 48.388 ng

RT: 7.916 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

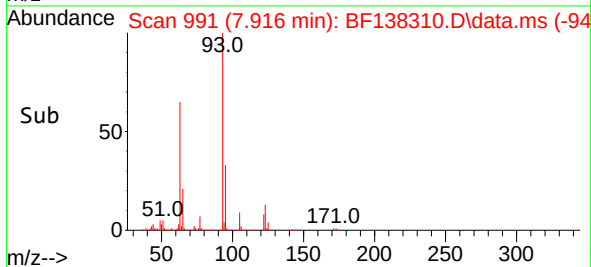
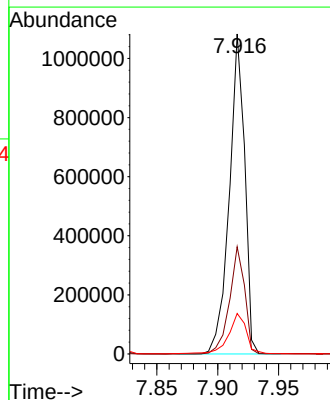
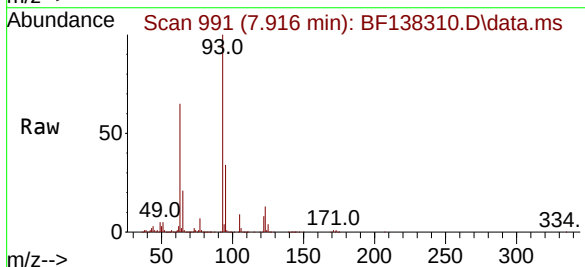
Tgt Ion: 93 Resp: 951849

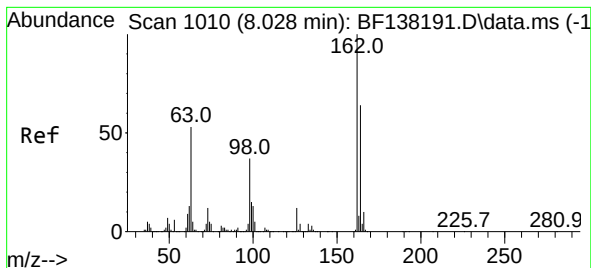
Ion Ratio Lower Upper

93 100

95 33.5 26.6 39.8

123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 49.282 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

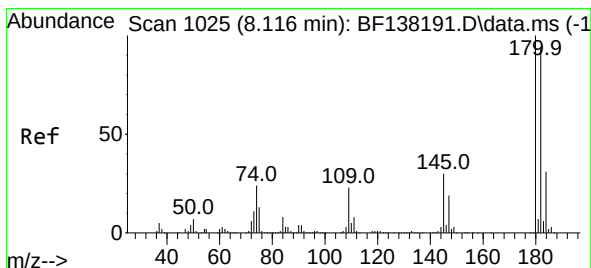
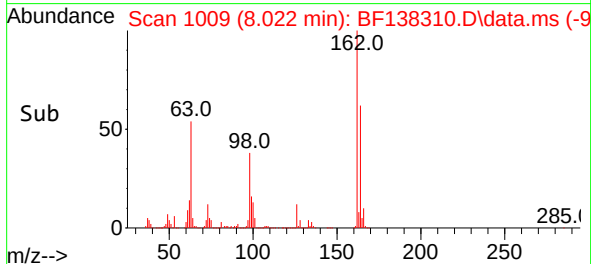
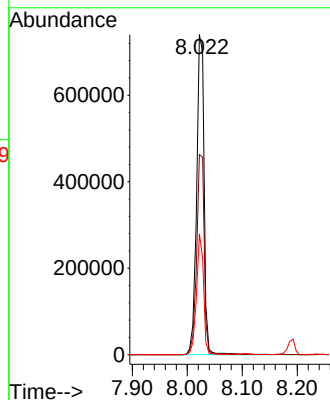
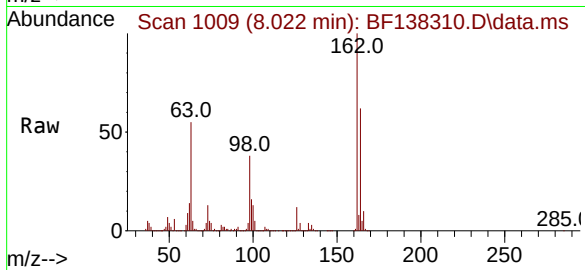
Tgt Ion:162 Resp: 696969

Ion Ratio Lower Upper

162 100

164 62.5 44.3 84.3

98 37.8 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 46.081 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

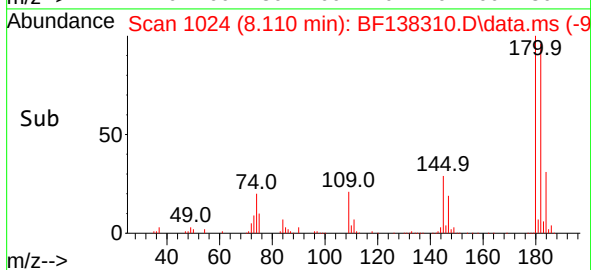
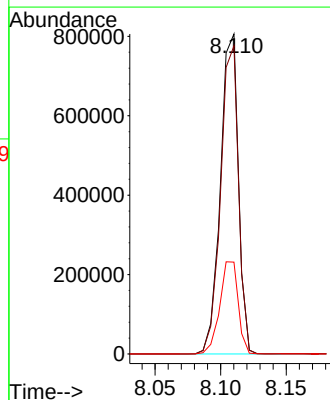
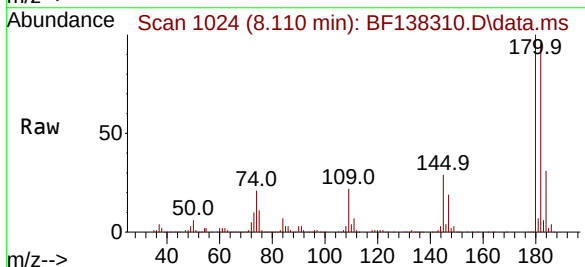
Tgt Ion:180 Resp: 768569

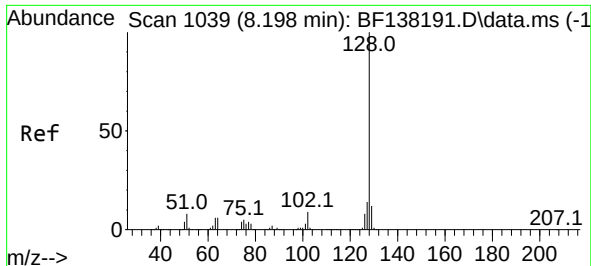
Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.6

145 28.7 23.8 35.6

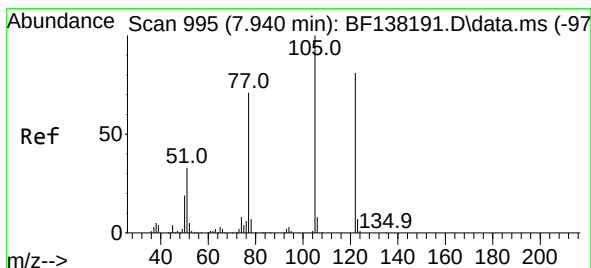
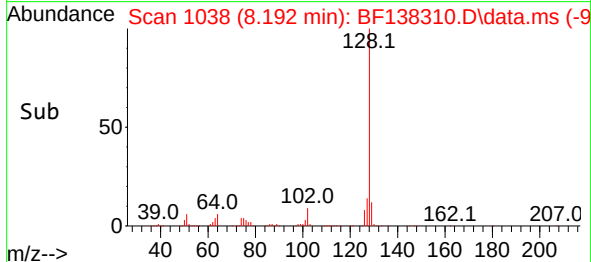
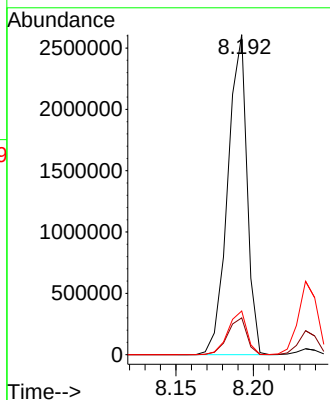
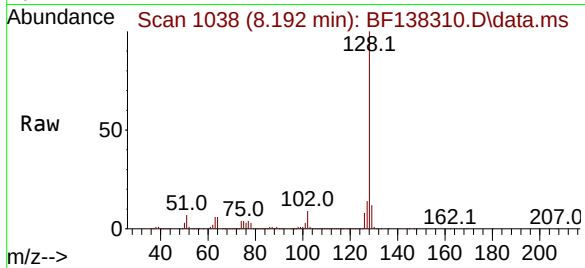




#31
Naphthalene
Concen: 44.991 ng
RT: 8.192 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

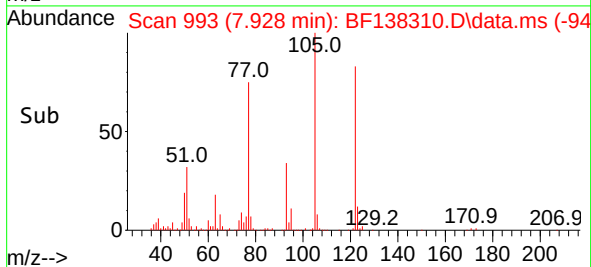
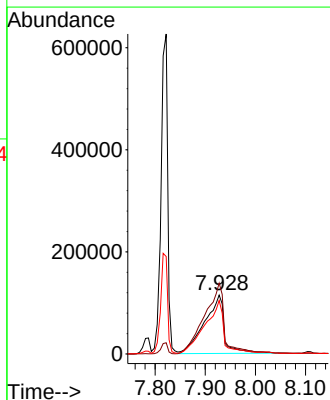
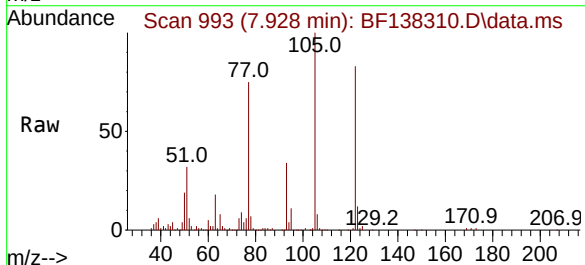
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

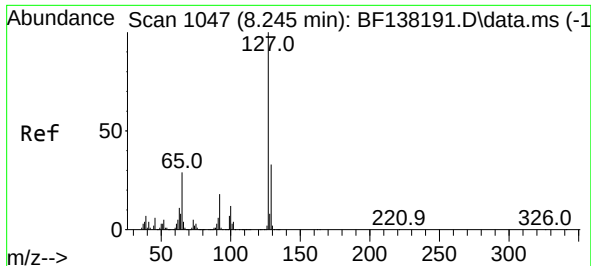
Tgt Ion:128 Resp: 2250090
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 32.982 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:122 Resp: 319321
Ion Ratio Lower Upper
122 100
105 120.4 100.1 140.1
77 90.8 66.5 106.5

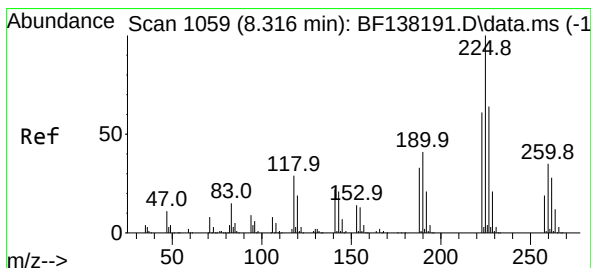
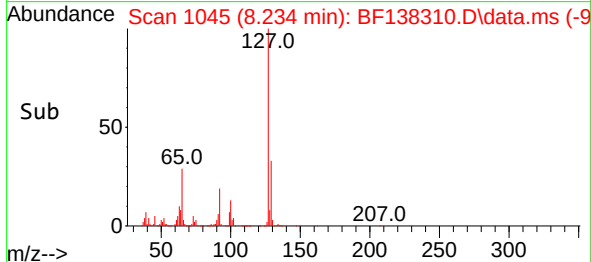
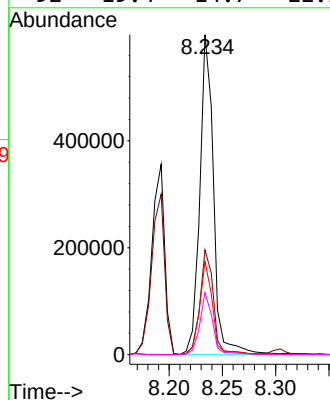
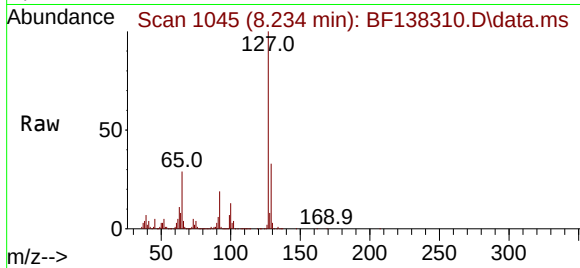




#33
4-Chloroaniline
Concen: 28.731 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

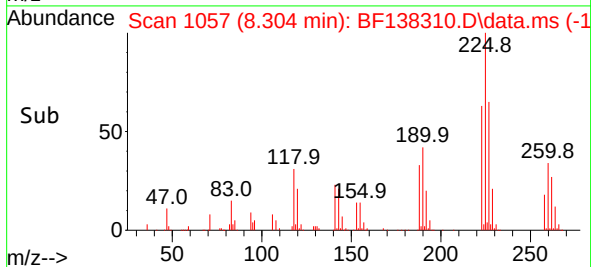
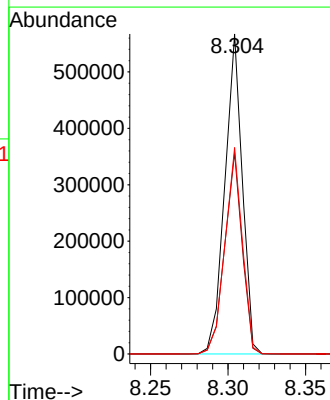
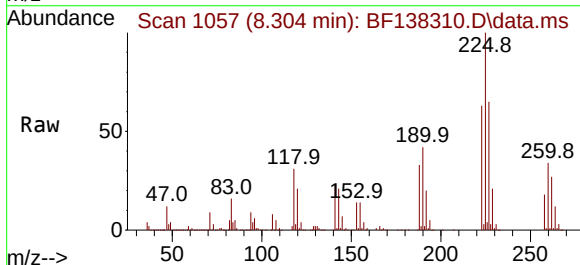
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

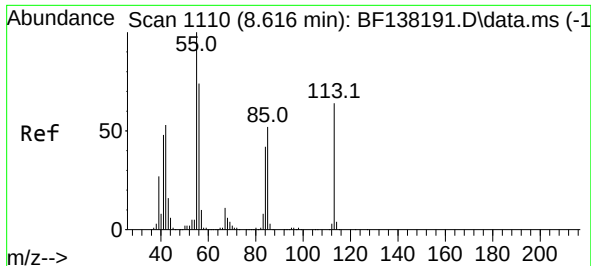
Tgt	Ion:127	Resp:	537041
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.1	39.1
65	29.1	23.6	35.4
92	19.4	14.7	22.1



#34
Hexachlorobutadiene
Concen: 45.575 ng
RT: 8.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt	Ion:225	Resp:	444558
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.0	73.6
227	64.5	51.2	76.8

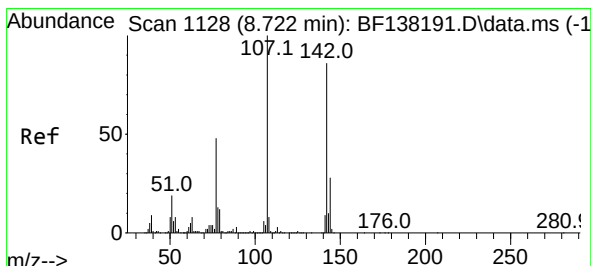
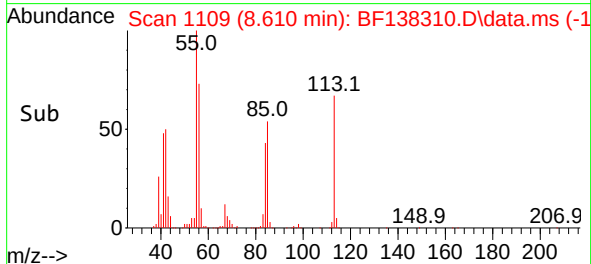
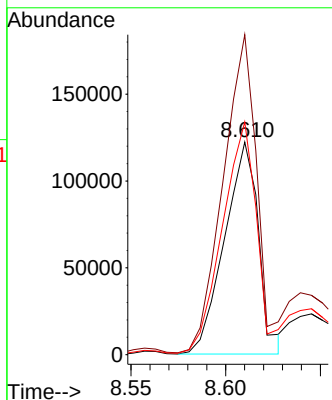
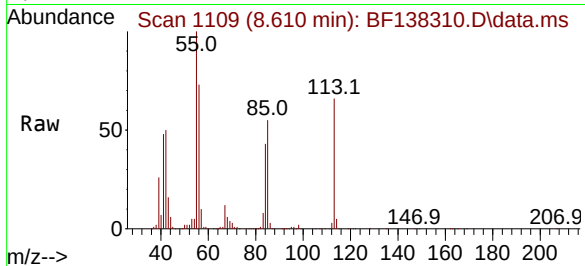




#35
 Caprolactam
 Concen: 35.535 ng
 RT: 8.610 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: BF138310.D
 Acq: 24 Jun 2024 15:12

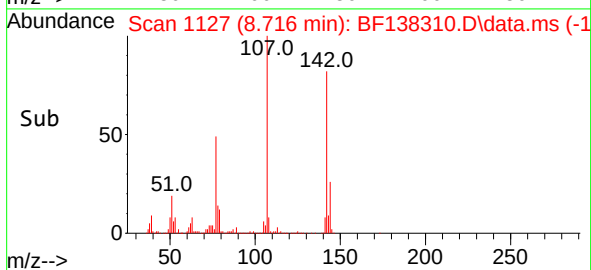
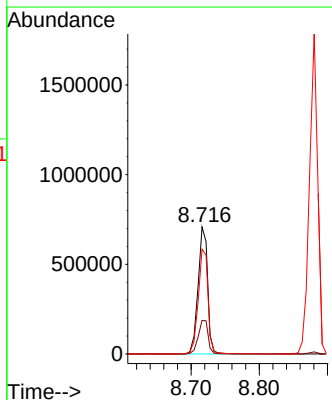
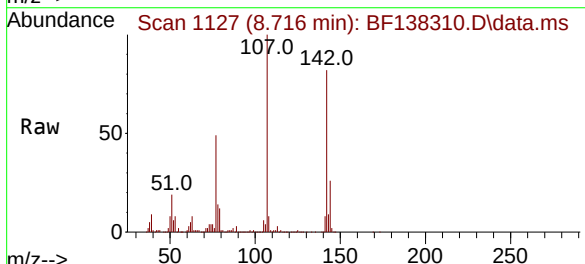
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPLMSD

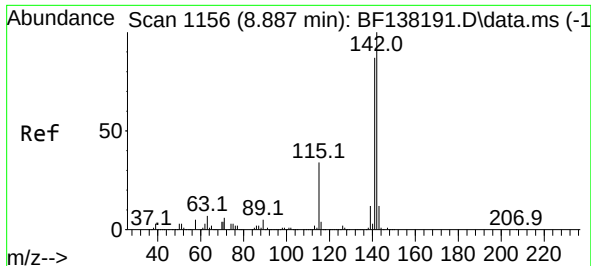
Tgt Ion:113 Resp: 151723
 Ion Ratio Lower Upper
 113 100
 55 150.5 135.4 175.4
 56 109.5 95.5 135.5



#36
 4-Chloro-3-methylphenol
 Concen: 49.342 ng
 RT: 8.716 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: BF138310.D
 Acq: 24 Jun 2024 15:12

Tgt Ion:107 Resp: 694798
 Ion Ratio Lower Upper
 107 100
 144 26.5 22.6 34.0
 142 82.4 69.0 103.4





#37

2-Methylnaphthalene

Concen: 46.105 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

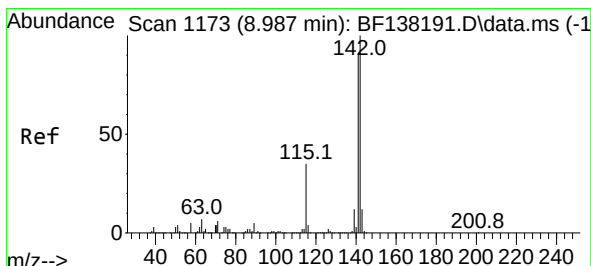
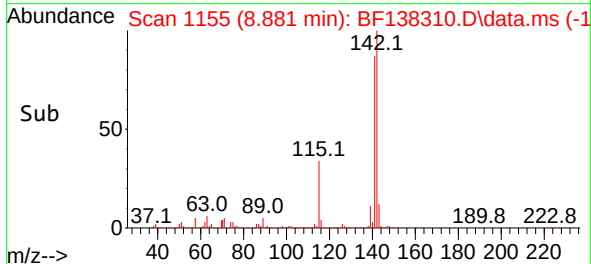
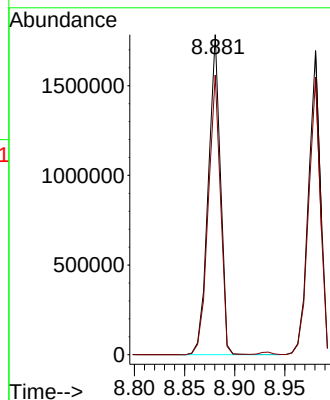
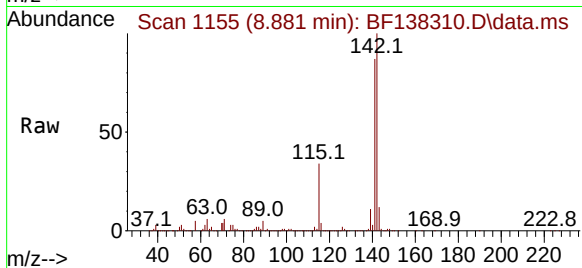
WCS-TPLMSD

Tgt Ion:142 Resp: 1513281

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 43.123 ng

RT: 8.981 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF138310.D

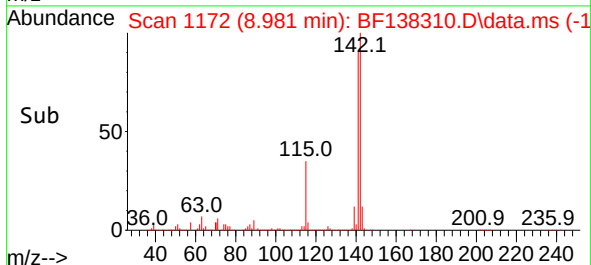
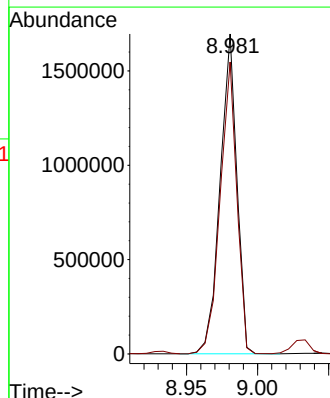
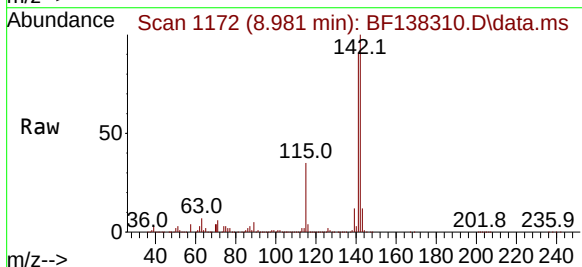
Acq: 24 Jun 2024 15:12

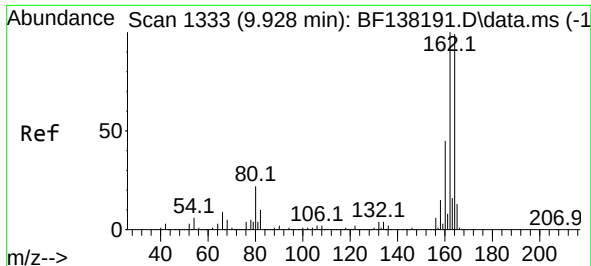
Tgt Ion:142 Resp: 1387030

Ion Ratio Lower Upper

142 100

141 91.3 72.8 109.2

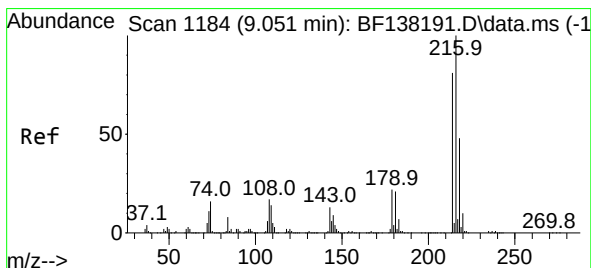
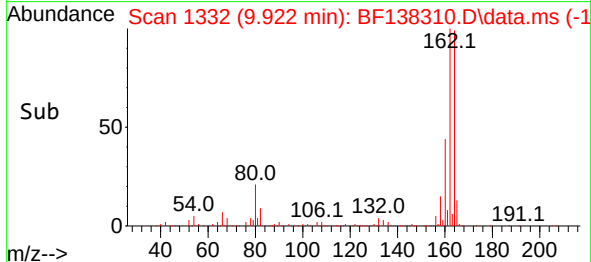
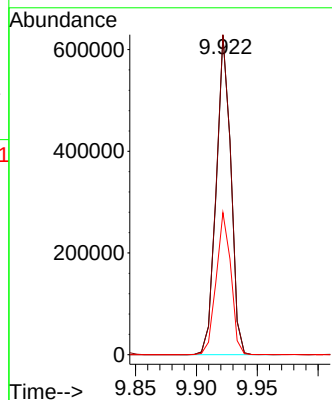
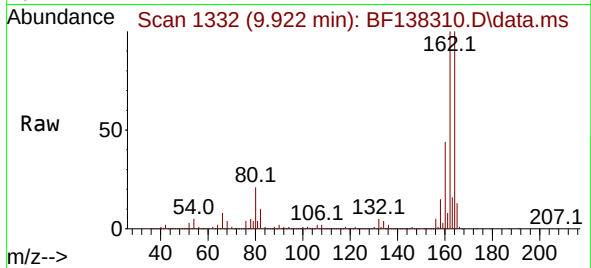




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

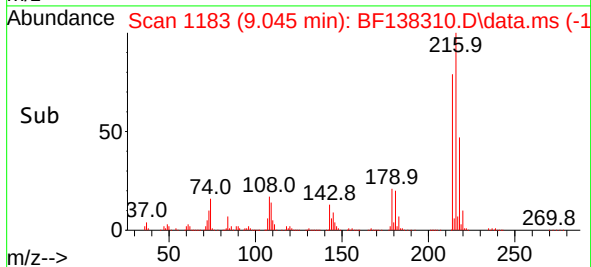
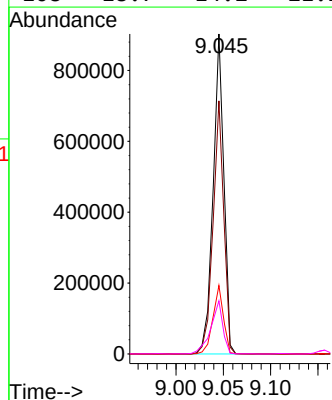
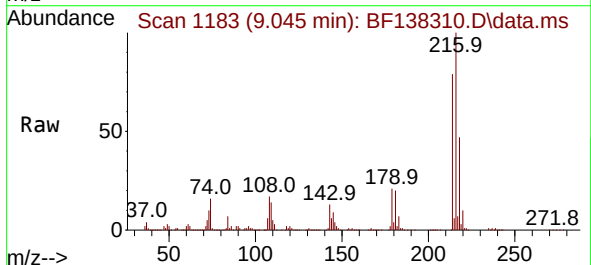
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

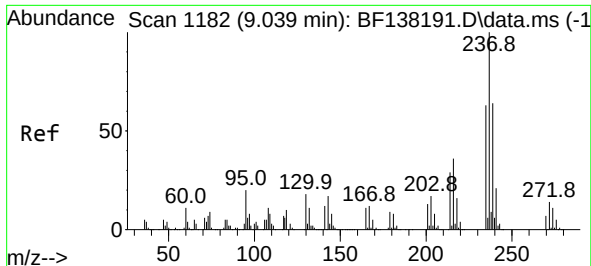
Tgt Ion:164 Resp: 524963
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 44.5 36.3 54.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.205 ng
RT: 9.045 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:216 Resp: 708795
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 21.1 16.9 25.3
108 18.7 14.2 21.2

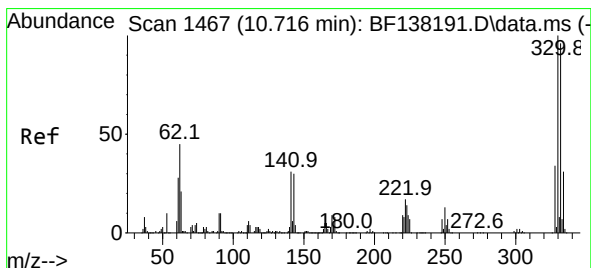
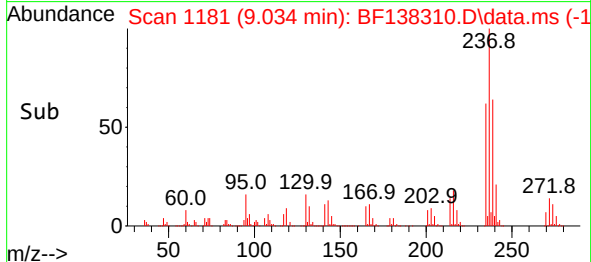
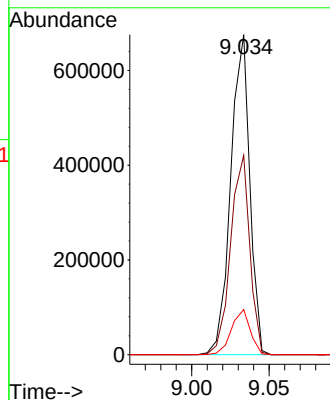
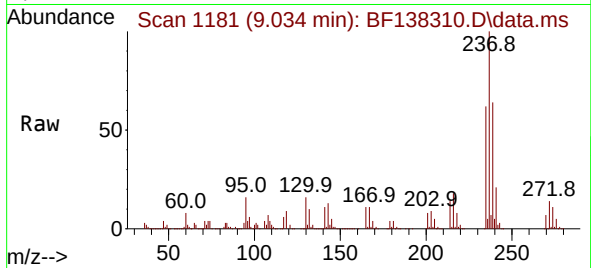




#41
Hexachlorocyclopentadiene
Concen: 115.297 ng
RT: 9.034 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

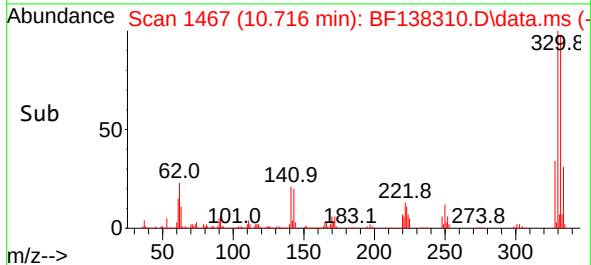
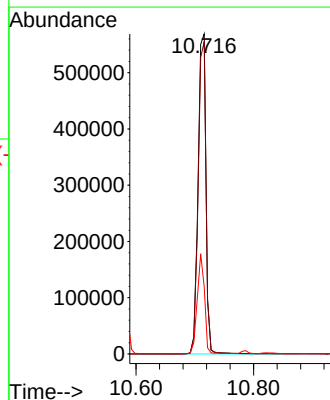
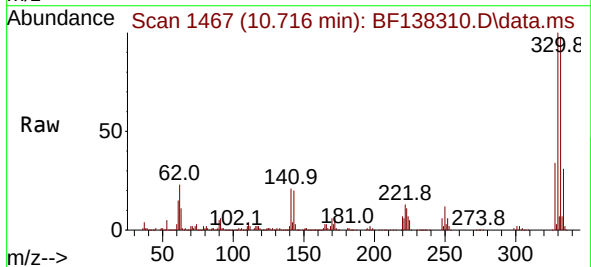
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

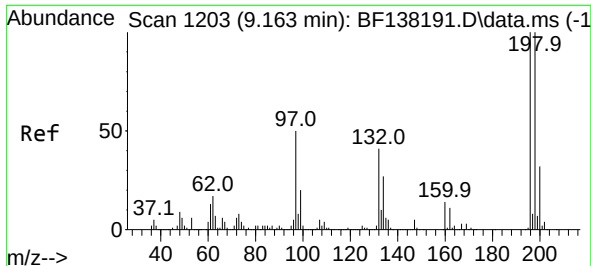
Tgt Ion:237 Resp: 576721
Ion Ratio Lower Upper
237 100
235 62.3 43.3 83.3
272 14.1 0.0 34.0



#42
2,4,6-Tribromophenol
Concen: 100.859 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:330 Resp: 527099
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 28.9 23.9 35.9





#43

2,4,6-Trichlorophenol

Concen: 52.601 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

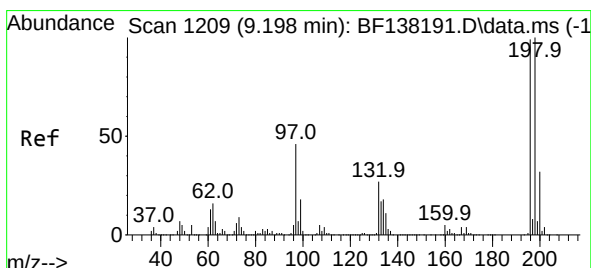
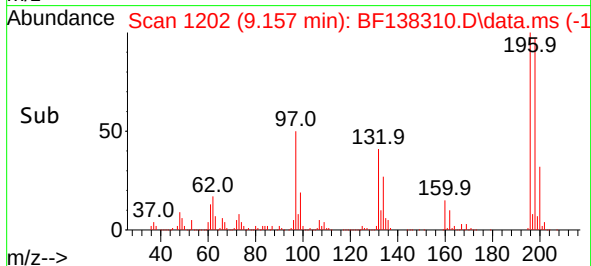
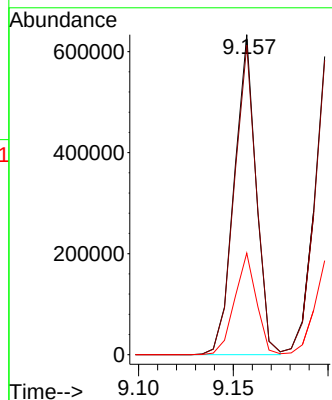
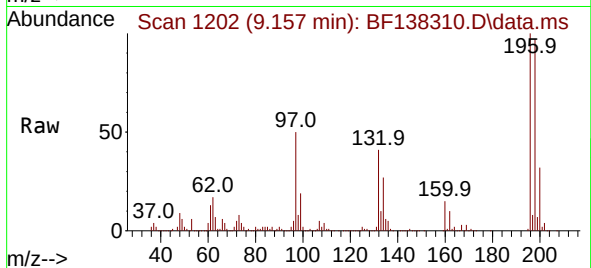
Tgt Ion:196 Resp: 505255

Ion Ratio Lower Upper

196 100

198 96.8 79.8 119.6

200 31.8 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 49.944 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Tgt Ion:196 Resp: 526833

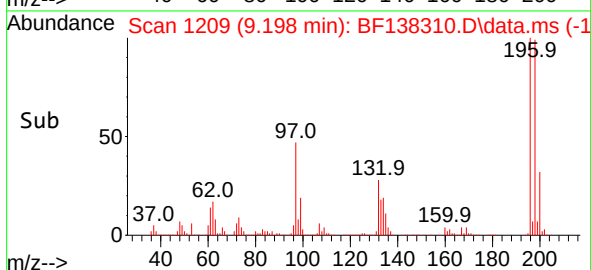
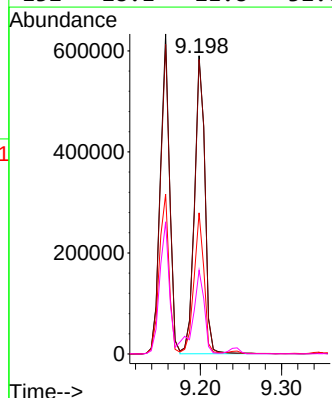
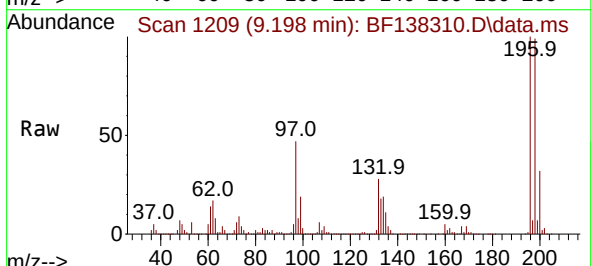
Ion Ratio Lower Upper

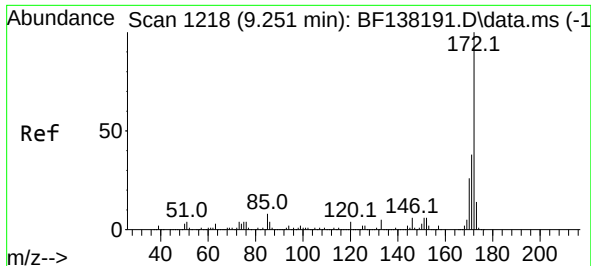
196 100

198 98.8 80.4 120.6

97 47.3 37.4 56.2

132 28.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 71.014 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

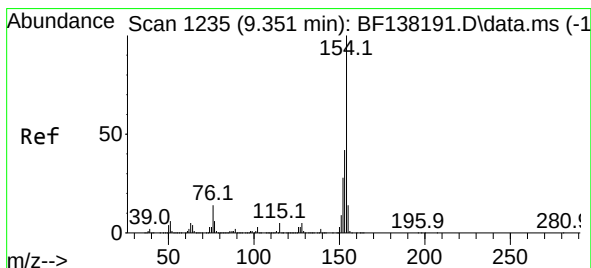
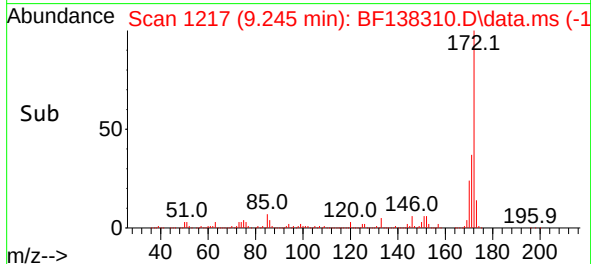
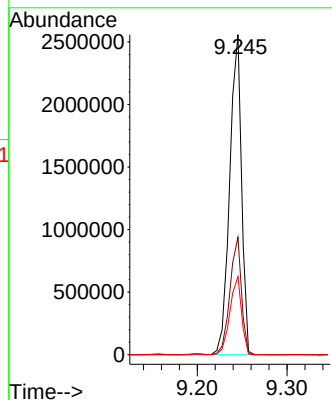
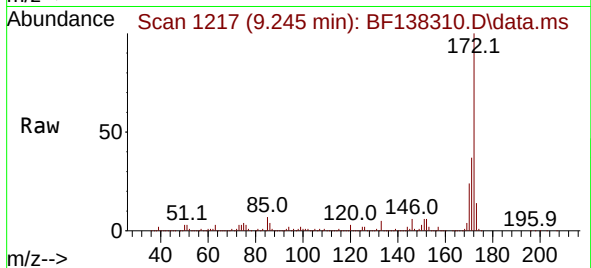
Tgt Ion:172 Resp: 2344404

Ion Ratio Lower Upper

172 100

171 36.7 30.3 45.5

170 24.4 20.6 30.8



#46

1,1'-Biphenyl

Concen: 45.123 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

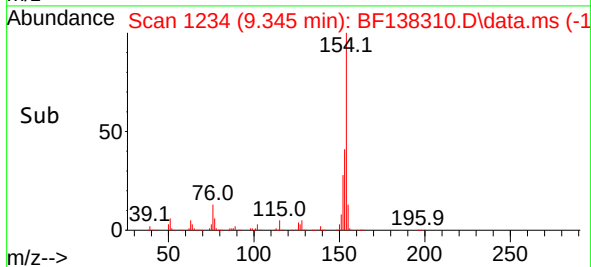
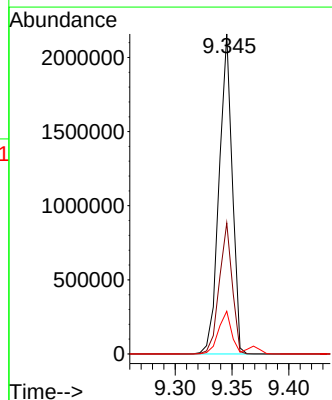
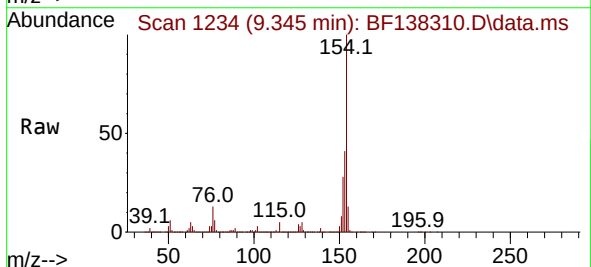
Tgt Ion:154 Resp: 1738185

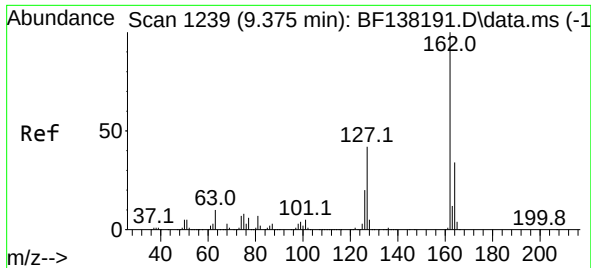
Ion Ratio Lower Upper

154 100

153 41.0 22.1 62.1

76 13.4 0.0 34.3

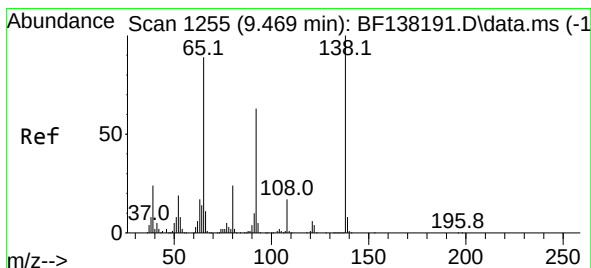
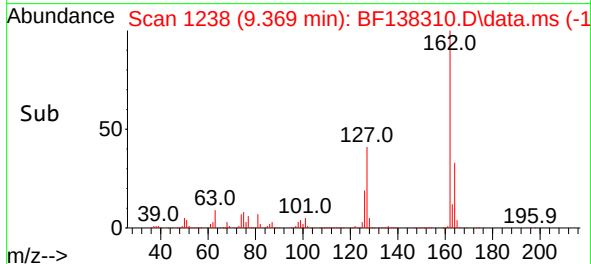
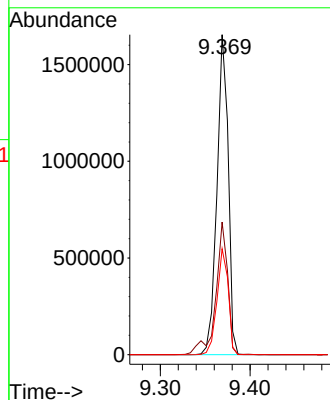
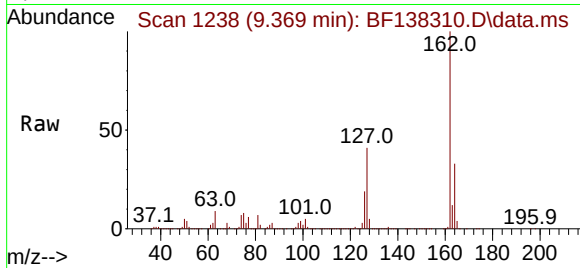




#47
2-Chloronaphthalene
Concen: 47.290 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

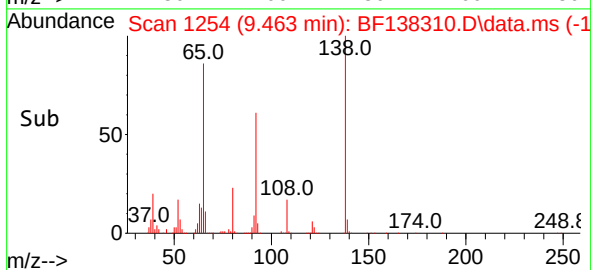
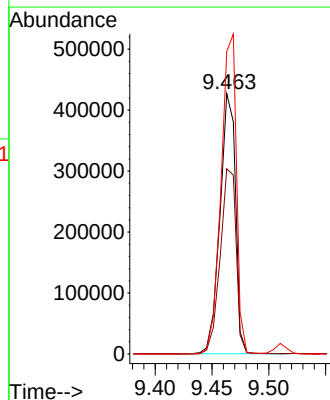
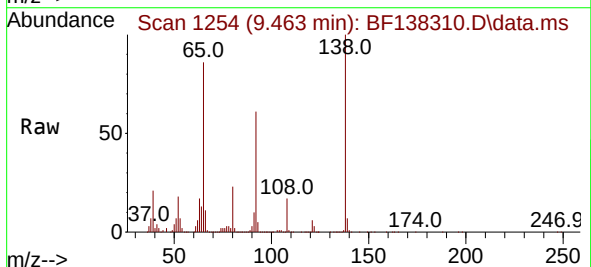
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

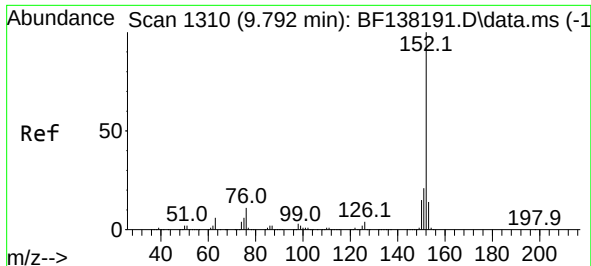
Tgt Ion:162 Resp: 1439662
Ion Ratio Lower Upper
162 100
127 41.5 33.6 50.4
164 33.1 27.2 40.8



#48
2-Nitroaniline
Concen: 55.586 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion: 65 Resp: 407536
Ion Ratio Lower Upper
65 100
92 71.1 56.6 85.0
138 116.2 90.1 135.1





#49

Acenaphthylene

Concen: 50.522 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

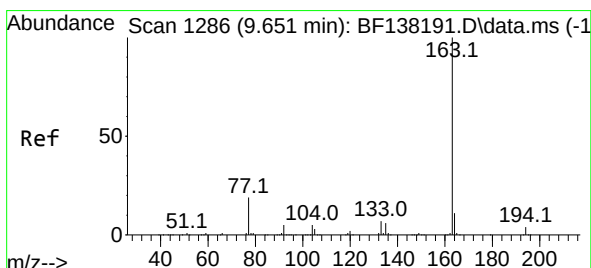
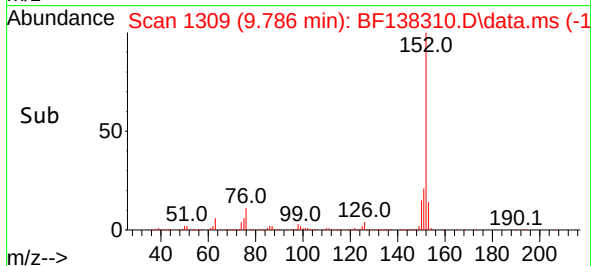
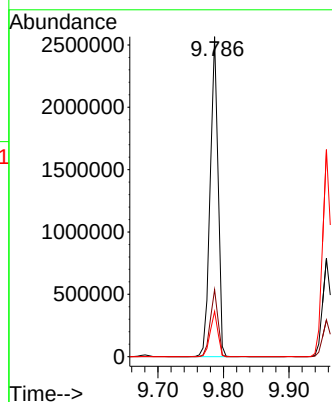
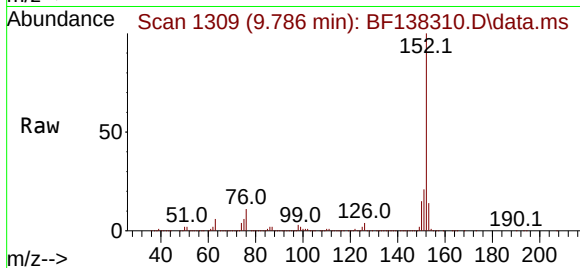
Tgt Ion:152 Resp: 2156760

Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

153 14.2 11.4 17.0



#50

Dimethylphthalate

Concen: 52.558 ng

RT: 9.645 min Scan# 1285

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

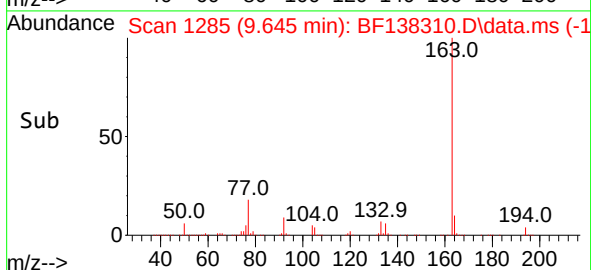
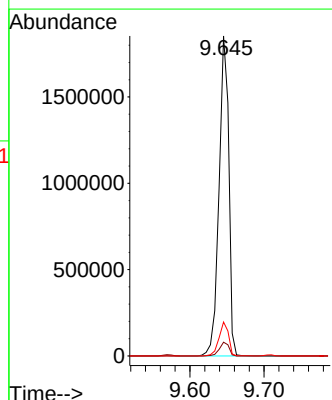
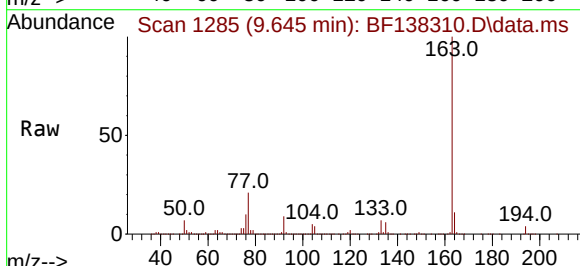
Tgt Ion:163 Resp: 1690527

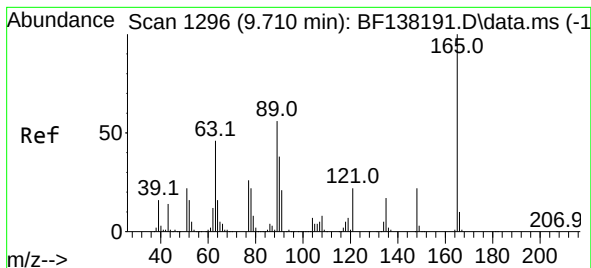
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 10.6 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 55.153 ng

RT: 9.710 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

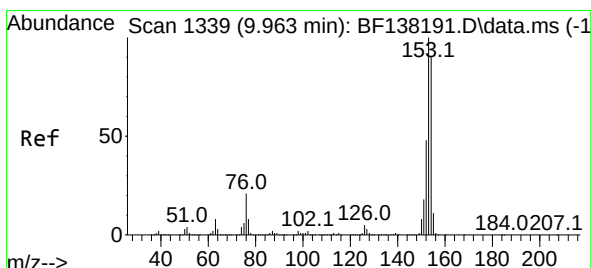
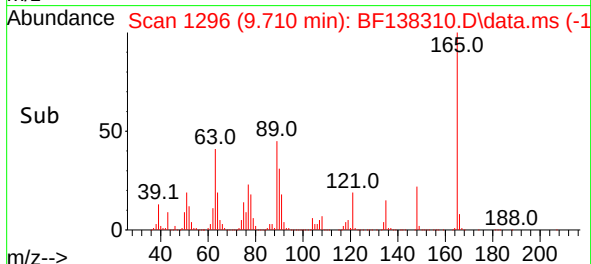
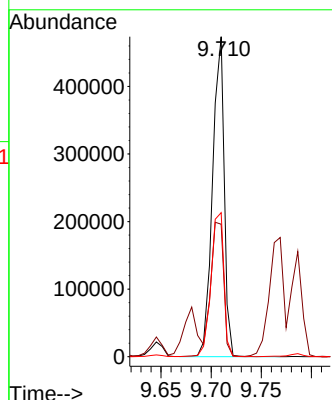
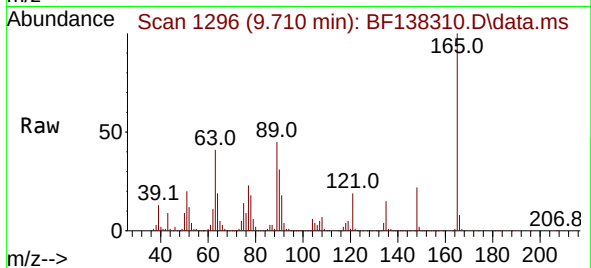
Tgt Ion:165 Resp: 384852

Ion Ratio Lower Upper

165 100

63 41.4 43.7 65.5#

89 45.0 44.9 67.3



#52

Acenaphthene

Concen: 48.505 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

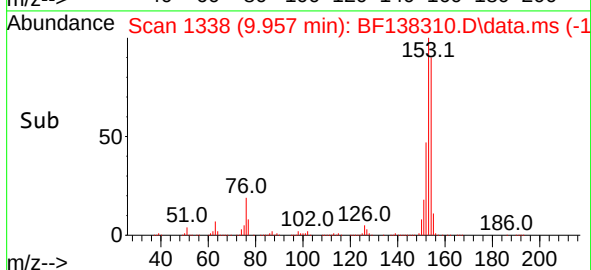
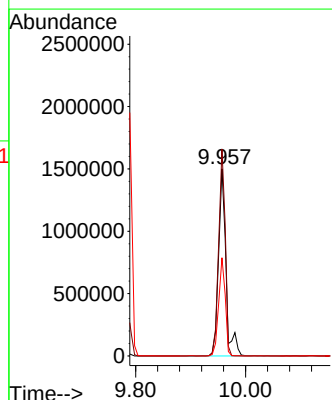
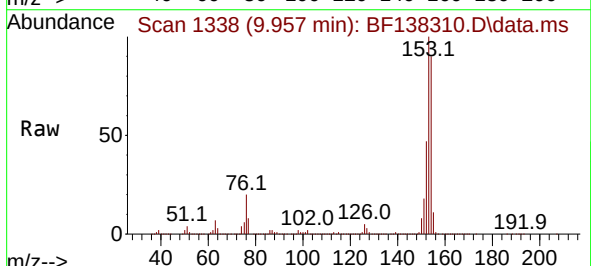
Tgt Ion:154 Resp: 1411956

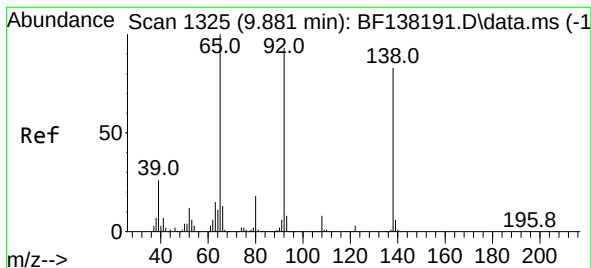
Ion Ratio Lower Upper

154 100

153 110.6 89.1 133.7

152 52.5 42.4 63.6





#53

3-Nitroaniline

Concen: 41.052 ng

RT: 9.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

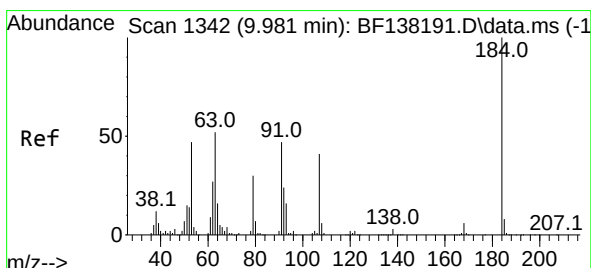
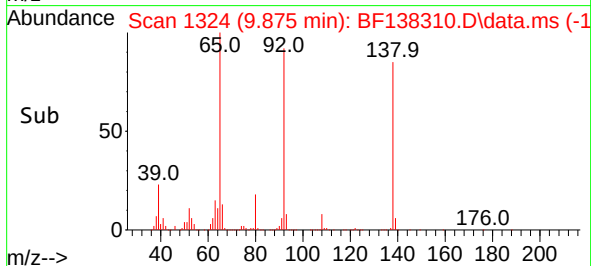
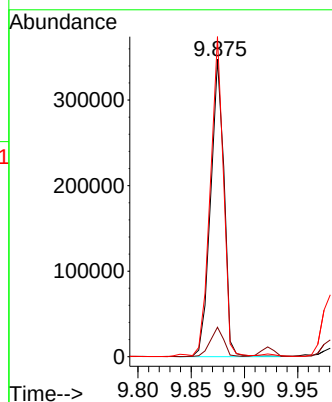
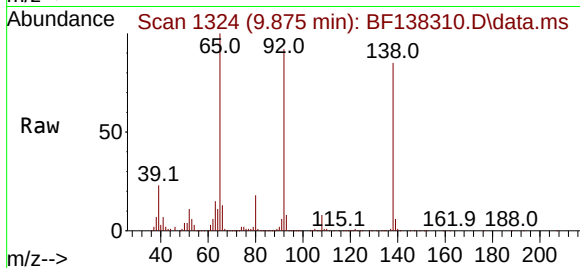
Tgt Ion:138 Resp: 306015

Ion Ratio Lower Upper

138 100

108 9.9 8.2 12.2

92 107.6 90.0 135.0



#54

2,4-Dinitrophenol

Concen: 73.170 ng

RT: 9.981 min Scan# 1342

Delta R.T. -0.000 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

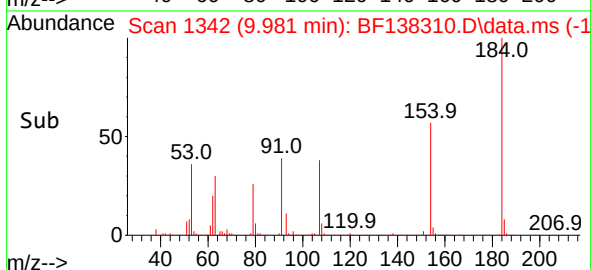
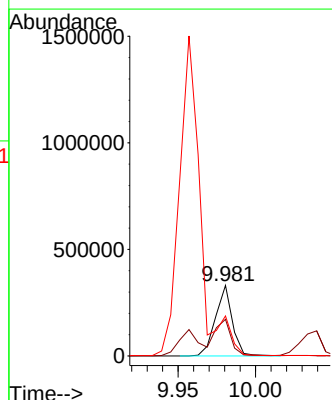
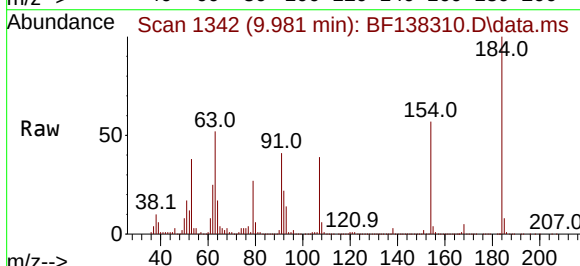
Tgt Ion:184 Resp: 250682

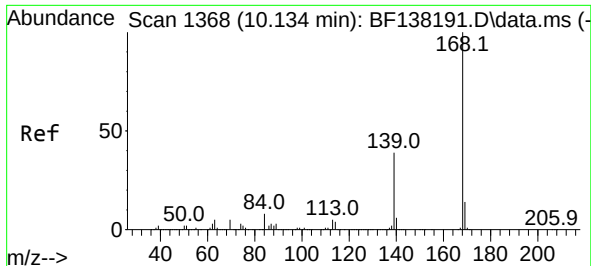
Ion Ratio Lower Upper

184 100

63 51.9 49.2 73.8

154 56.8 46.7 70.1

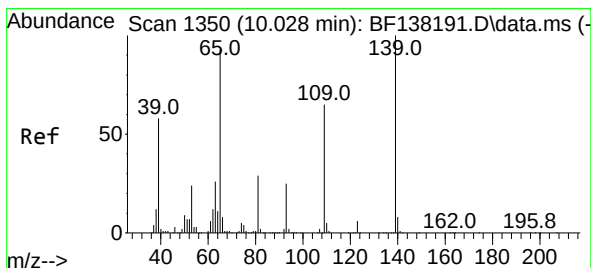
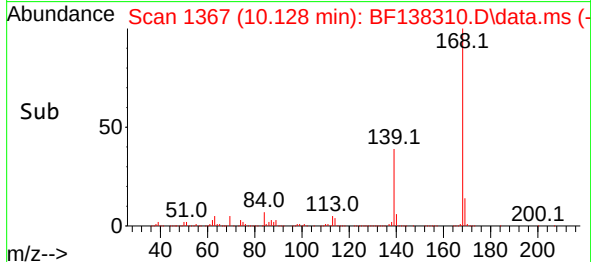
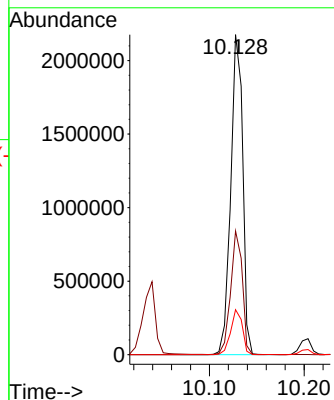
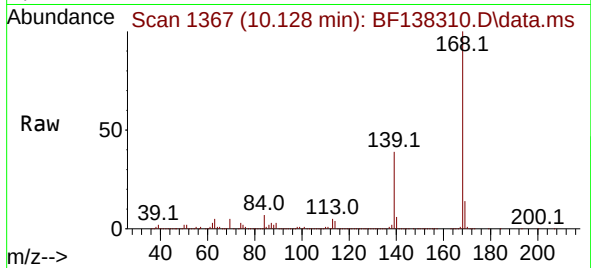




#55
Dibenzenofuran
Concen: 47.071 ng
RT: 10.128 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

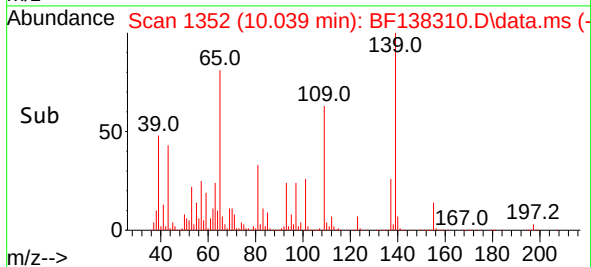
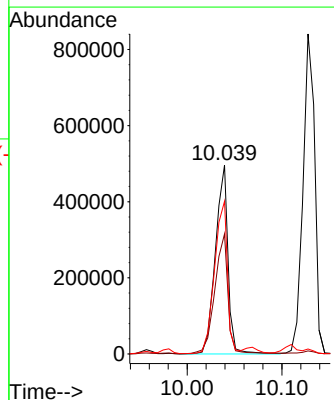
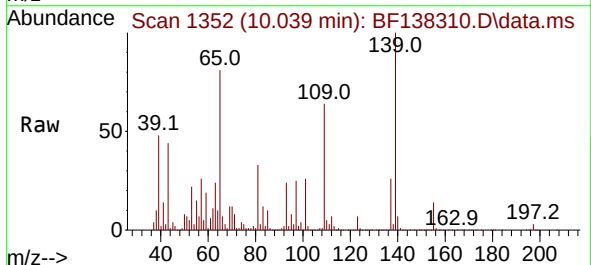
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

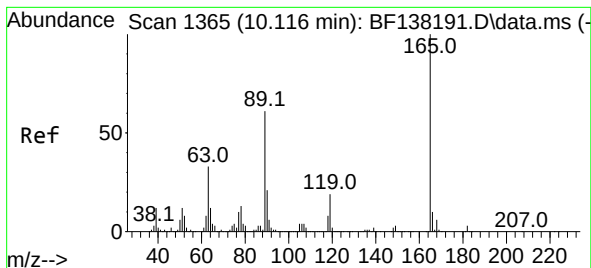
Tgt Ion:168 Resp: 1915475
Ion Ratio Lower Upper
168 100
139 38.6 31.0 46.4
169 14.1 11.4 17.0



#56
4-Nitrophenol
Concen: 77.530 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:139 Resp: 456720
Ion Ratio Lower Upper
139 100
109 63.5 44.6 84.6
65 80.8 73.1 113.1

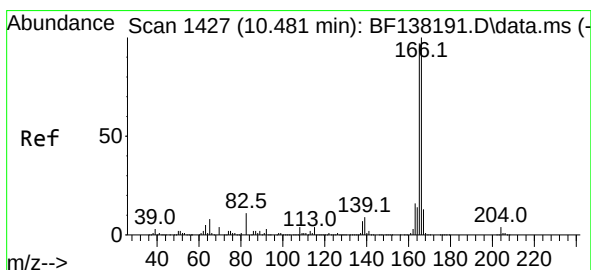
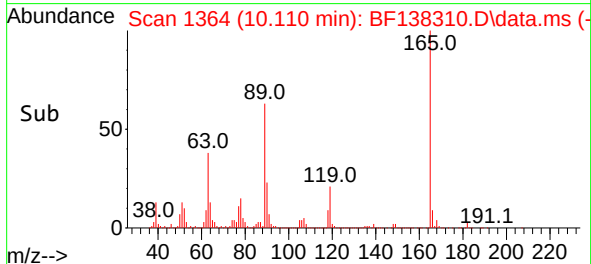
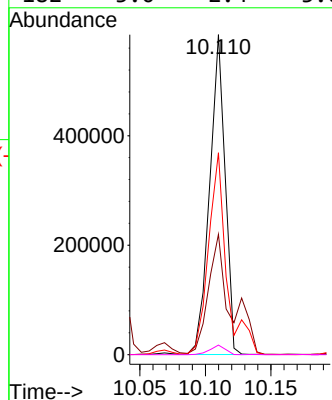
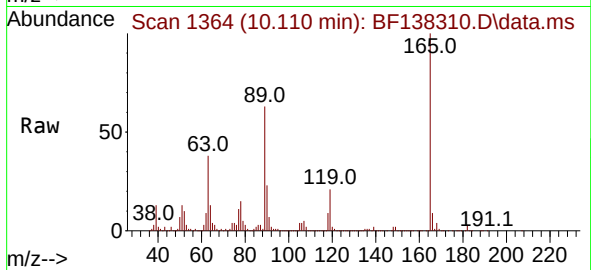




#57
2,4-Dinitrotoluene
Concen: 55.946 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

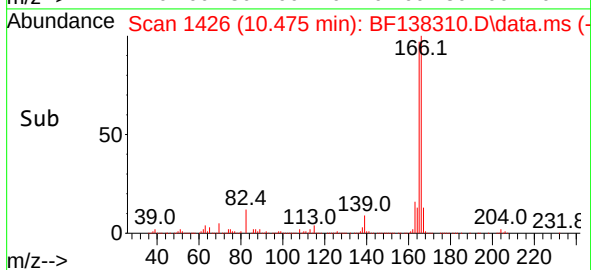
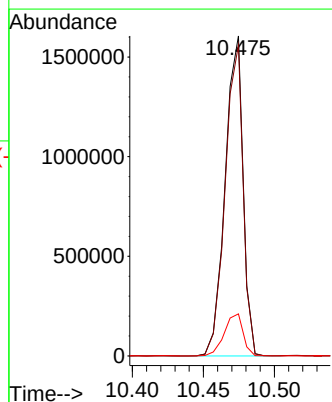
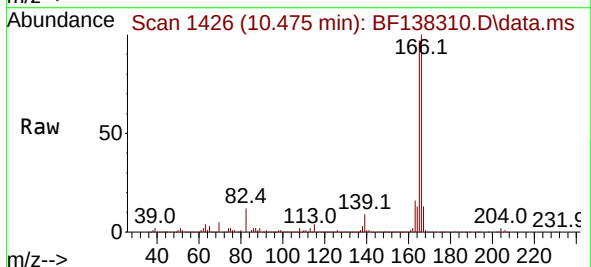
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

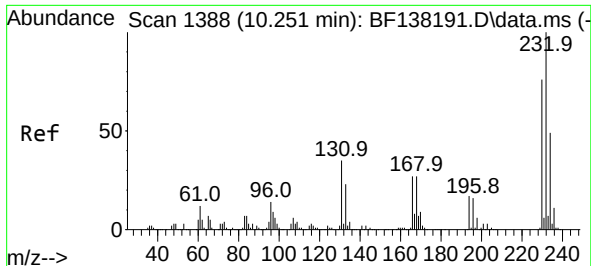
Tgt Ion:165 Resp: 481495
Ion Ratio Lower Upper
165 100
63 37.6 26.6 39.8
89 63.1 48.7 73.1
182 3.0 2.4 3.6



#58
Fluorene
Concen: 44.082 ng
RT: 10.475 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:166 Resp: 1410404
Ion Ratio Lower Upper
166 100
165 97.2 77.9 116.9
167 13.2 10.7 16.1

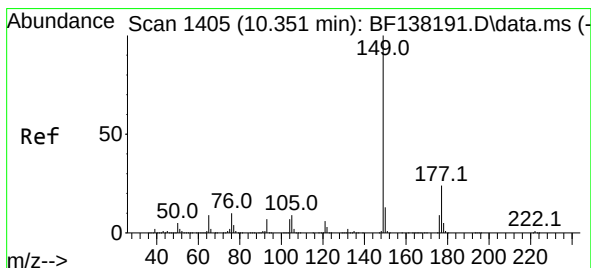
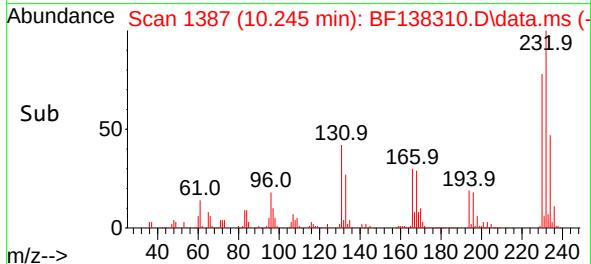
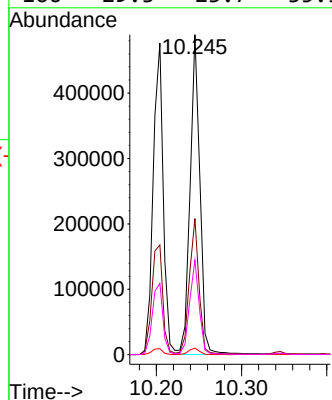
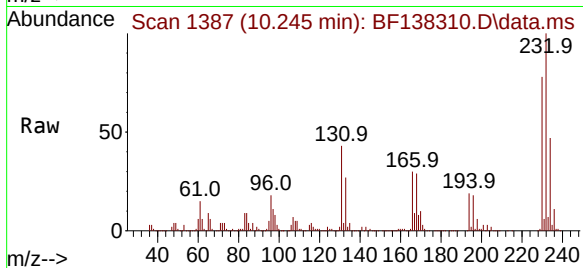




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.047 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

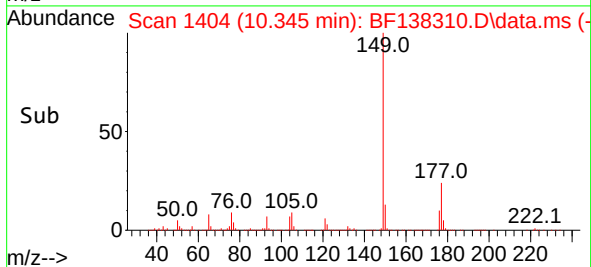
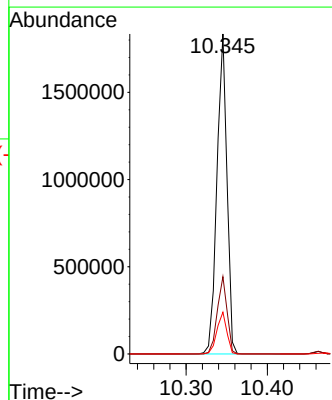
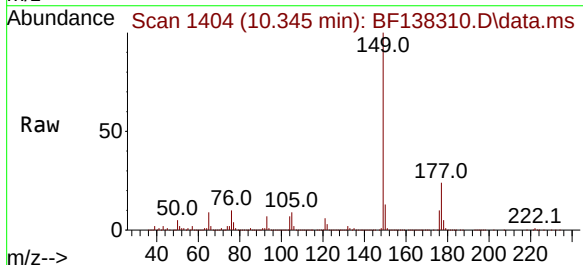
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

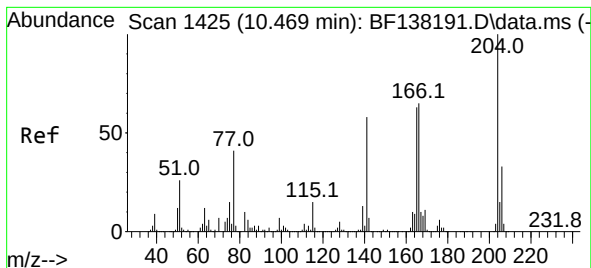
Tgt Ion:232 Resp: 387851
Ion Ratio Lower Upper
232 100
131 42.3 33.6 50.4
130 2.3 1.7 2.5
166 29.3 23.7 35.5



#60
Diethylphthalate
Concen: 51.329 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:149 Resp: 1566943
Ion Ratio Lower Upper
149 100
177 24.2 19.4 29.0
150 13.1 10.2 15.4

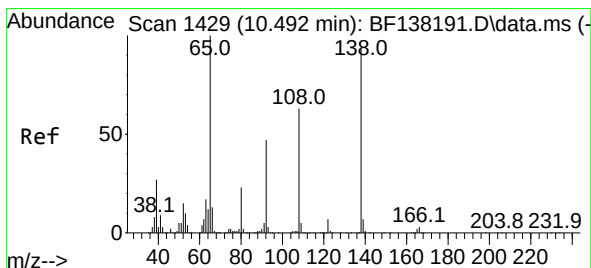
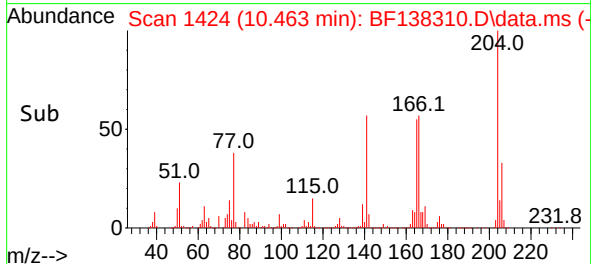
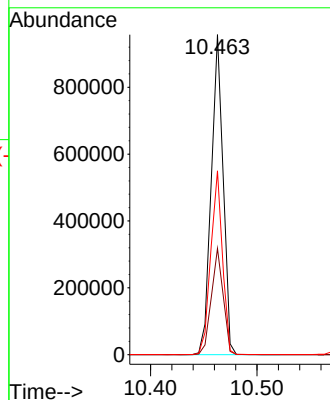
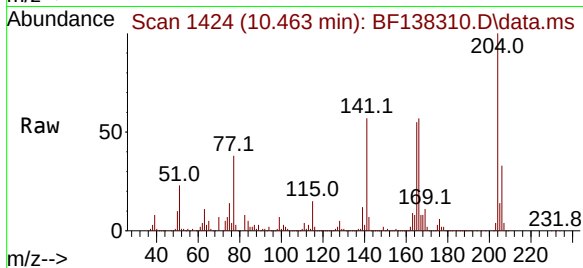




#61
4-Chlorophenyl-phenylether
Concen: 46.585 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

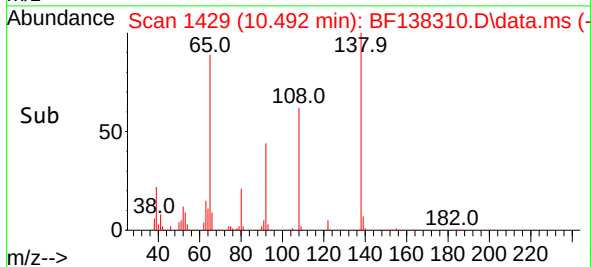
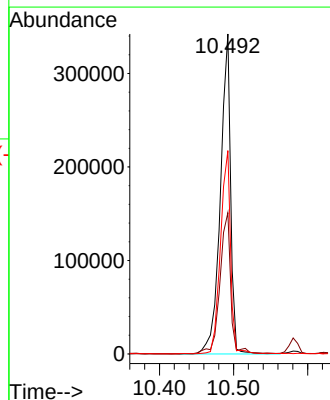
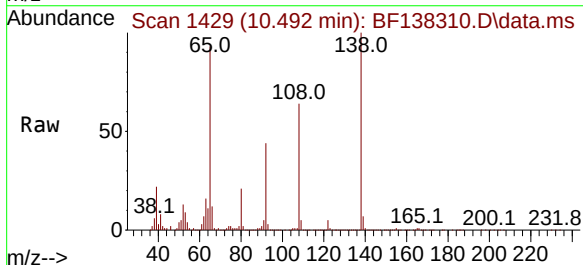
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

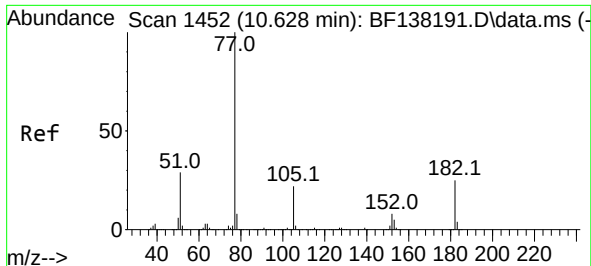
Tgt Ion:204 Resp: 742324
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 57.5 46.3 69.5



#62
4-Nitroaniline
Concen: 44.360 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:138 Resp: 330389
Ion Ratio Lower Upper
138 100
92 44.2 30.9 70.9
108 63.5 47.8 87.8



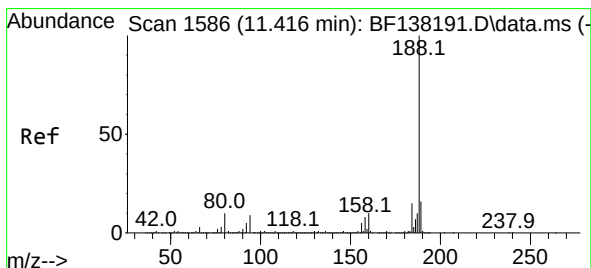
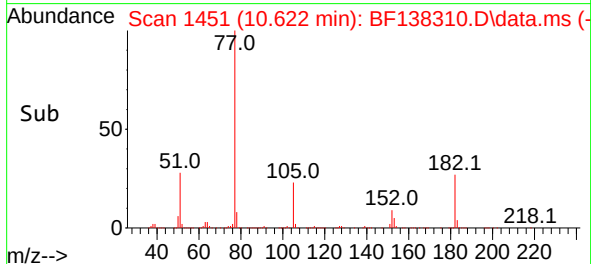
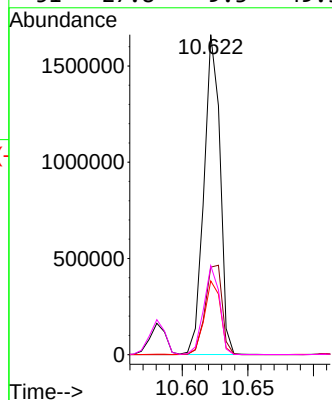
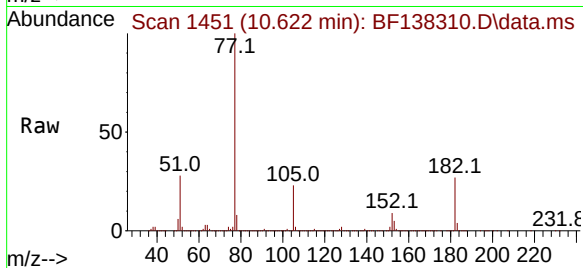


#63
Azobenzene
Concen: 46.333 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

Tgt Ion: 77 Resp: 1417047

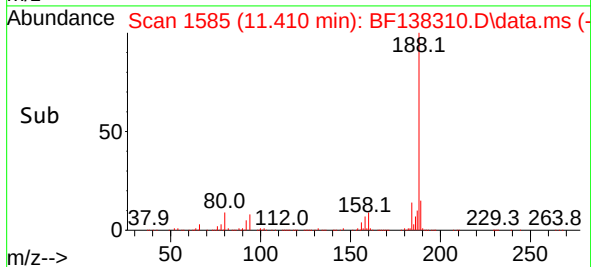
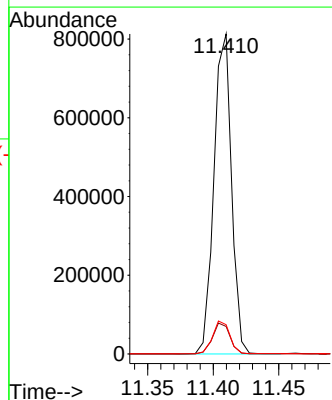
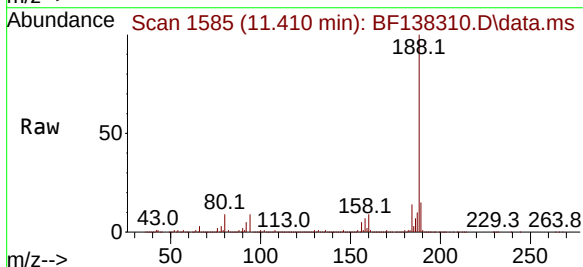
Ion	Ratio	Lower	Upper
77	100		
182	27.3	5.5	45.5
105	23.1	1.8	41.8
51	27.8	9.3	49.3

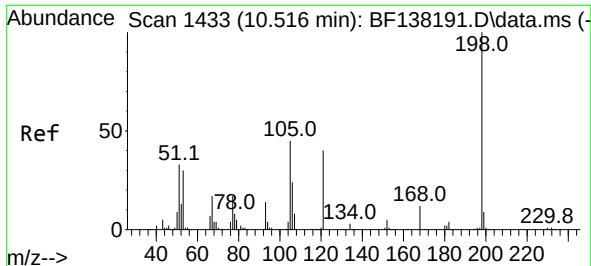


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion: 188 Resp: 757386

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.6	11.4
80	9.2	8.1	12.1

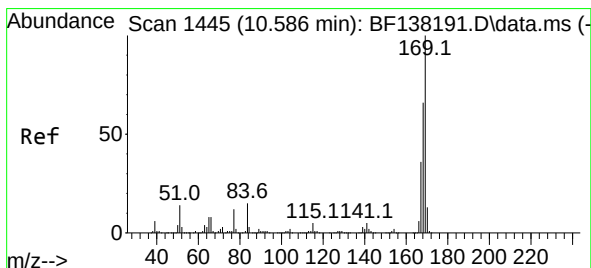
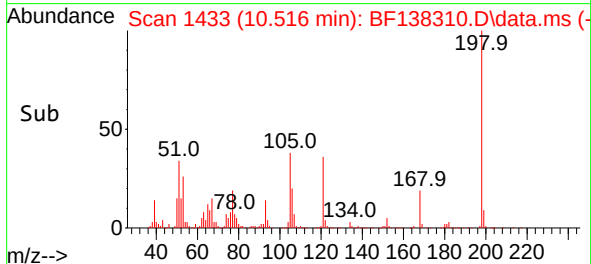
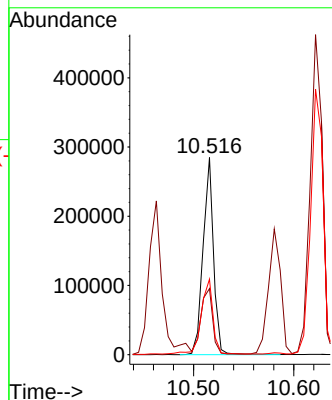
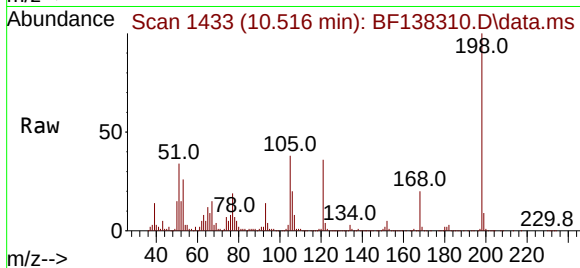




#65
4,6-Dinitro-2-methylphenol
Concen: 53.111 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

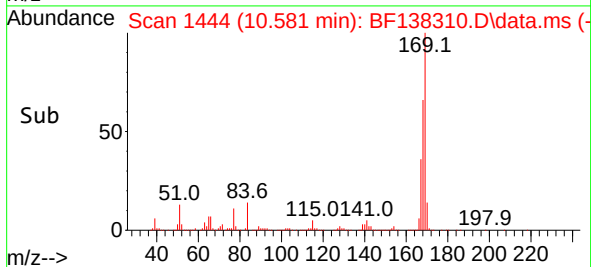
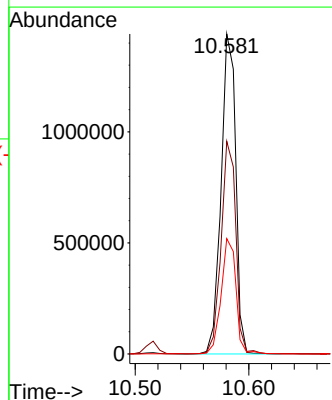
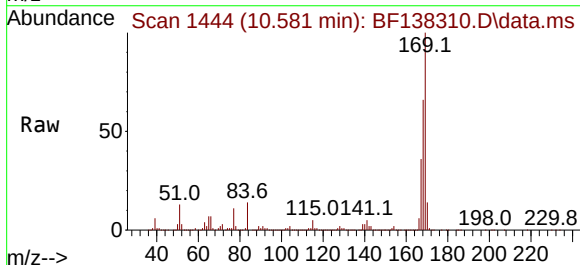
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

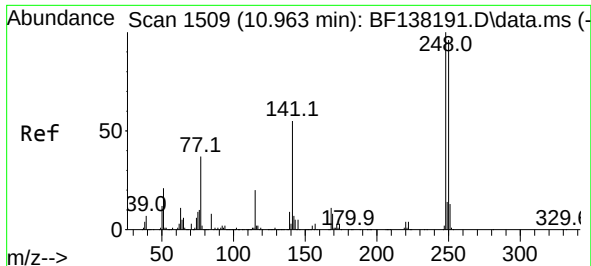
Tgt Ion:198 Resp: 208305
Ion Ratio Lower Upper
198 100
51 33.5 26.9 66.9
105 38.3 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 55.810 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:169 Resp: 1294089
Ion Ratio Lower Upper
169 100
168 66.4 52.9 79.3
167 36.1 29.0 43.6

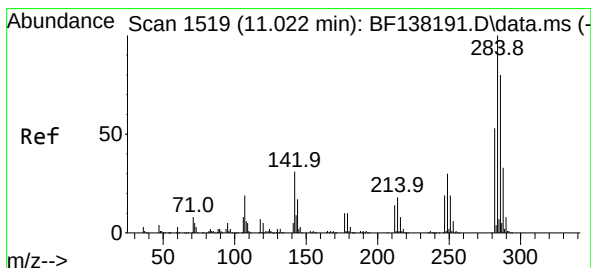
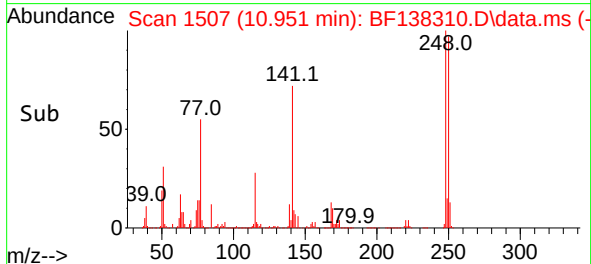
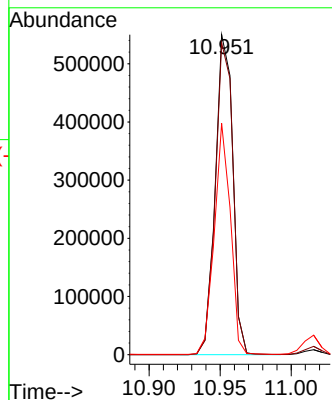
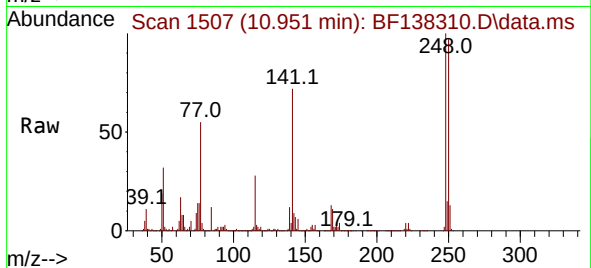




#67
4-Bromophenyl-phenylether
Concen: 55.306 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

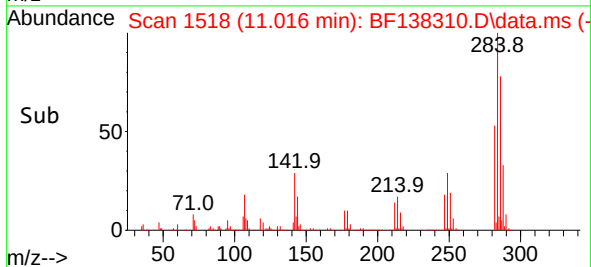
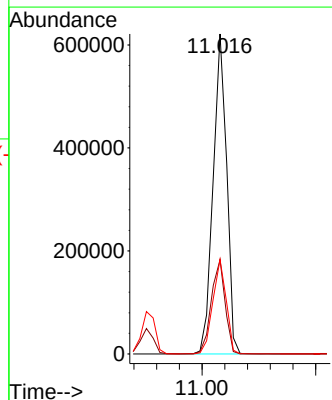
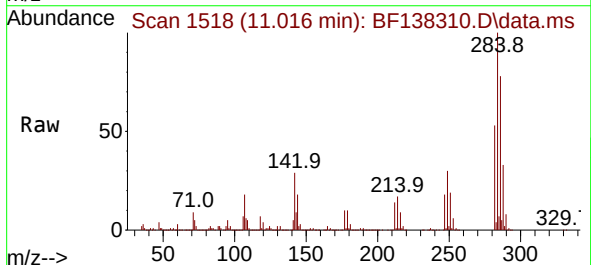
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

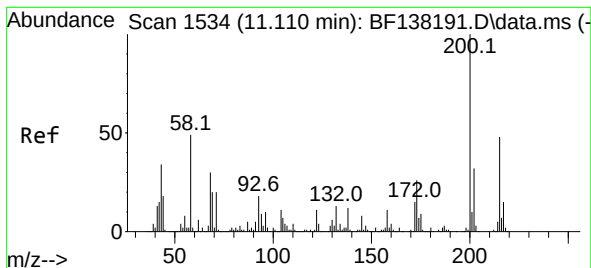
Tgt Ion:248 Resp: 472005
Ion Ratio Lower Upper
248 100
250 97.5 77.2 115.8
141 72.3 44.1 66.1#



#68
Hexachlorobenzene
Concen: 51.431 ng
RT: 11.016 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:284 Resp: 512239
Ion Ratio Lower Upper
284 100
142 29.4 24.8 37.2
249 29.5 23.8 35.6





#69

Atrazine

Concen: 57.479 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

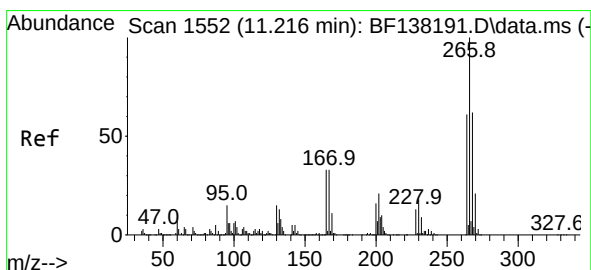
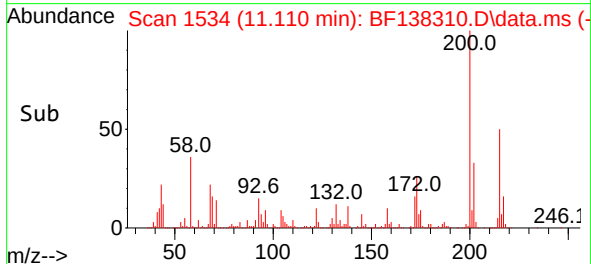
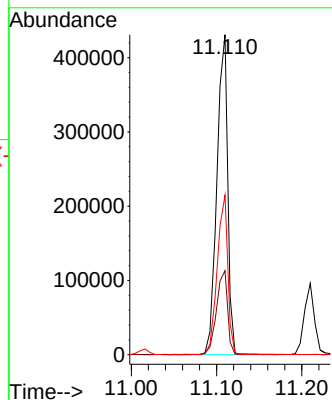
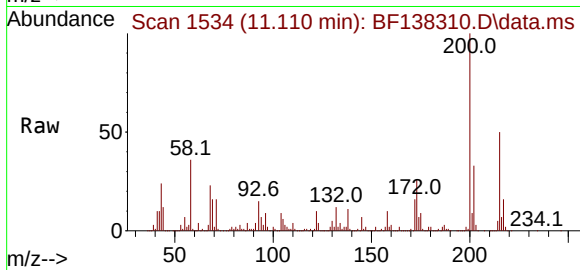
Tgt Ion:200 Resp: 379619

Ion Ratio Lower Upper

200 100

173 26.3 6.3 46.3

215 49.9 28.0 68.0



#70

Pentachlorophenol

Concen: 82.222 ng

RT: 11.210 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

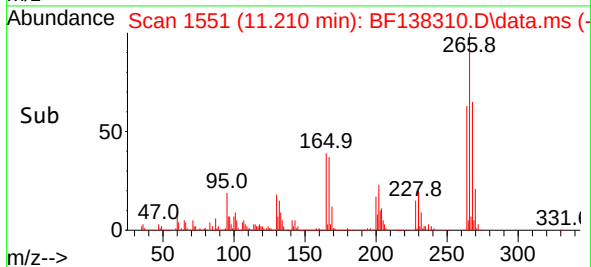
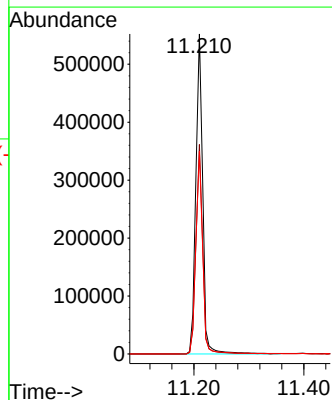
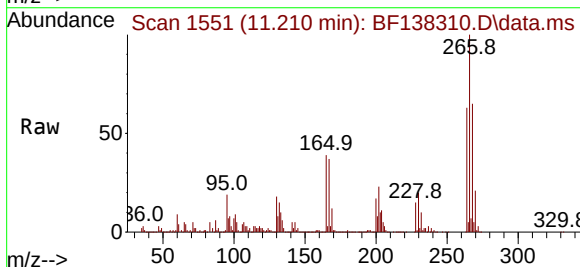
Tgt Ion:266 Resp: 477591

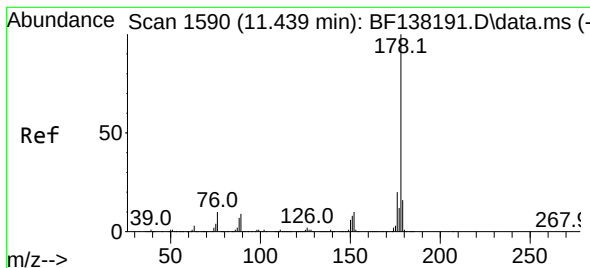
Ion Ratio Lower Upper

266 100

268 65.4 49.5 74.3

264 63.4 49.2 73.8





#71

Phenanthrene

Concen: 49.102 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

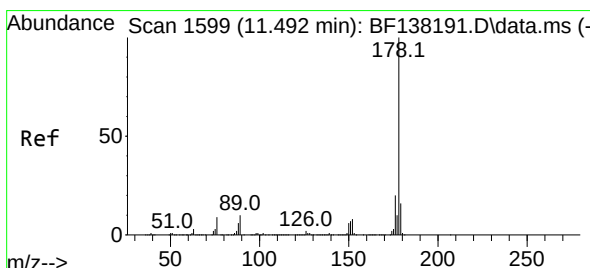
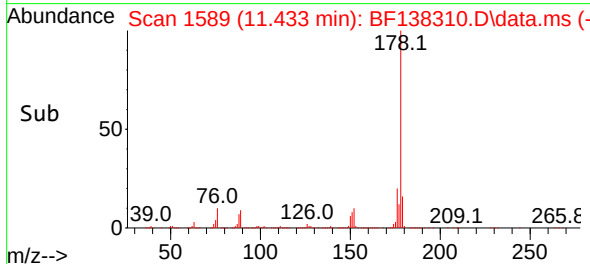
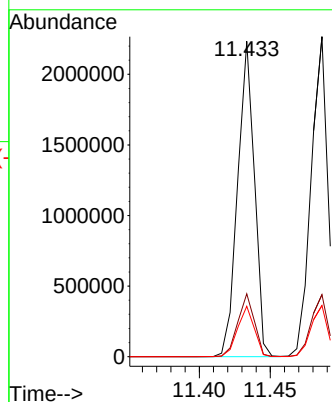
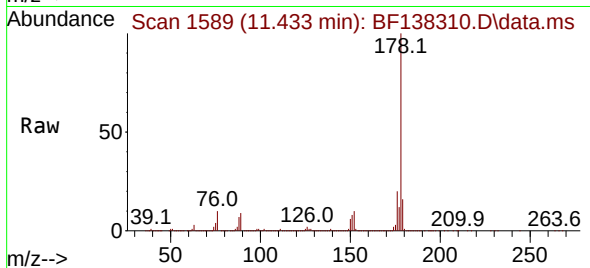
Tgt Ion:178 Resp: 1839144

Ion Ratio Lower Upper

178 100

176 19.9 16.4 24.6

179 16.0 13.1 19.7



#72

Anthracene

Concen: 49.938 ng

RT: 11.486 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

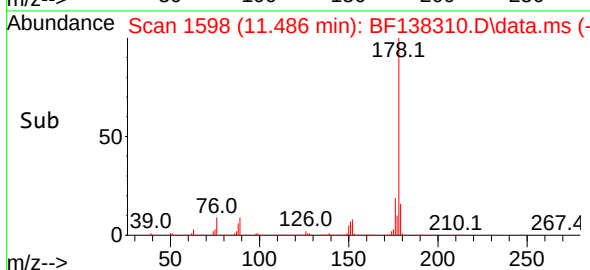
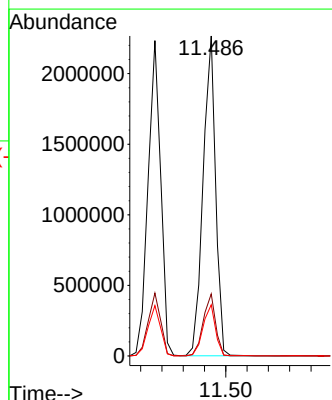
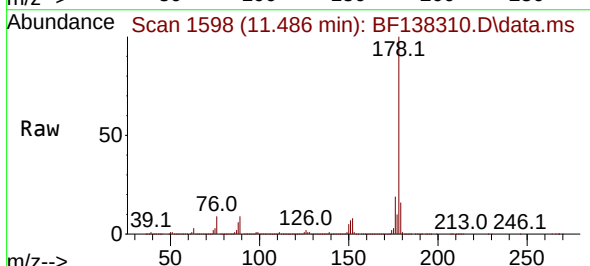
Tgt Ion:178 Resp: 1857081

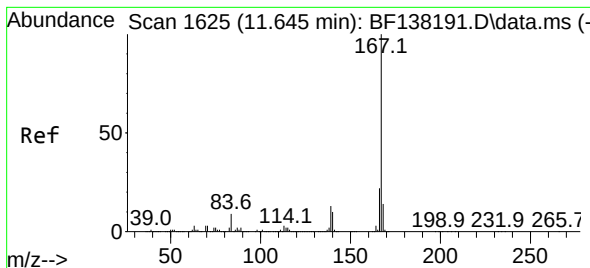
Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 16.0 13.0 19.6





#73

Carbazole

Concen: 43.827 ng

RT: 11.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

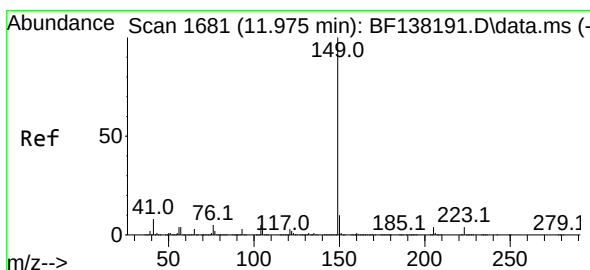
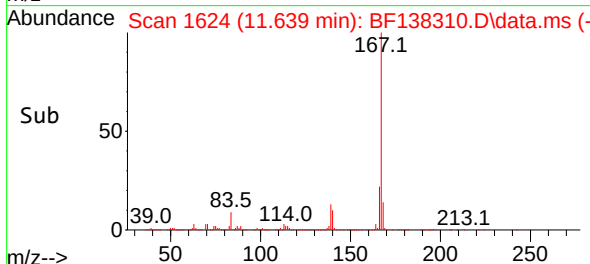
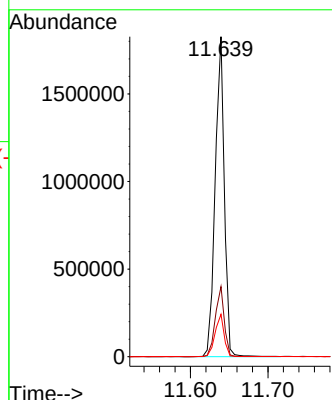
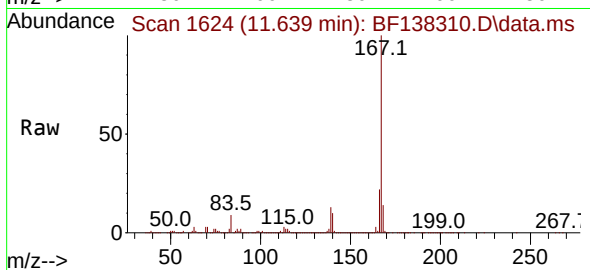
Tgt Ion:167 Resp: 1494853

Ion Ratio Lower Upper

167 100

166 21.9 18.0 27.0

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 56.399 ng

RT: 11.969 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

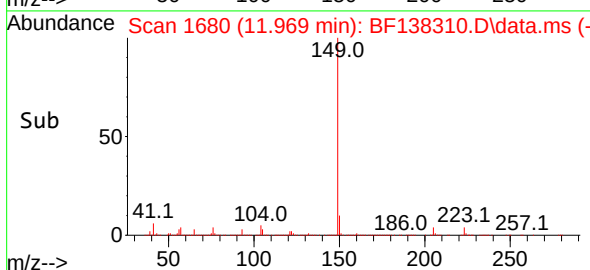
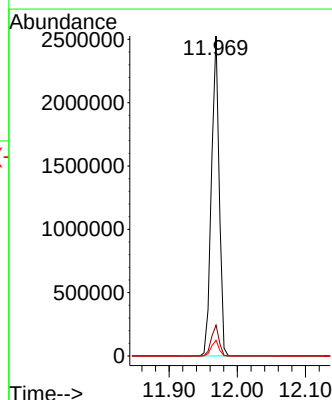
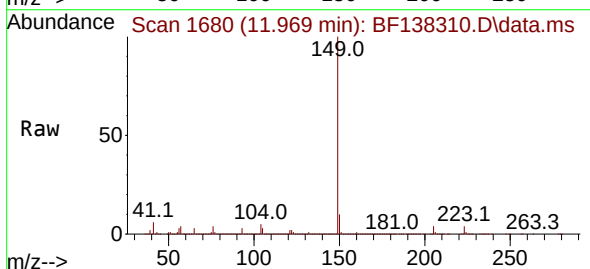
Tgt Ion:149 Resp: 1991489

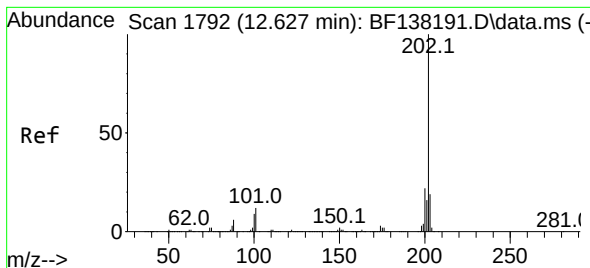
Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 43.570 ng

RT: 12.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

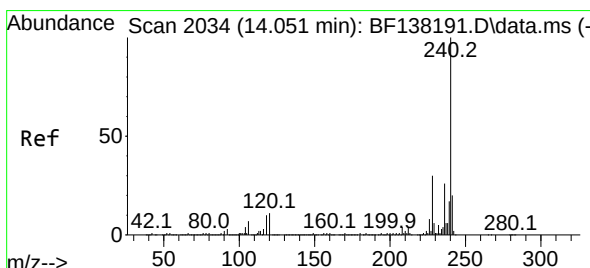
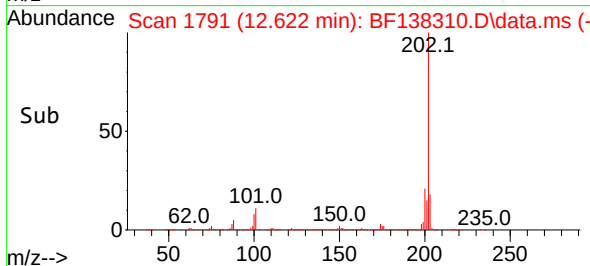
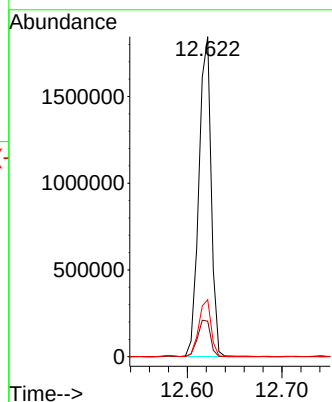
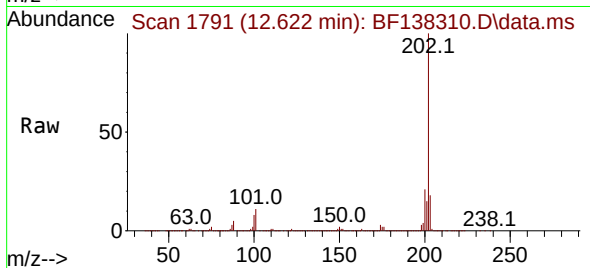
Tgt Ion:202 Resp: 1664095

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.8

203 17.8 0.0 38.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

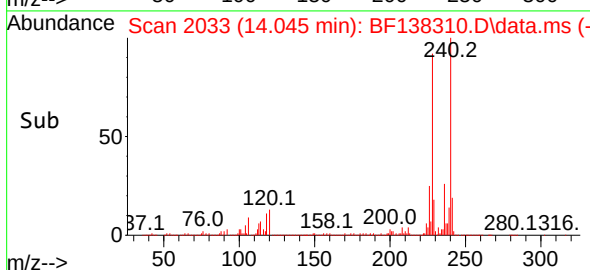
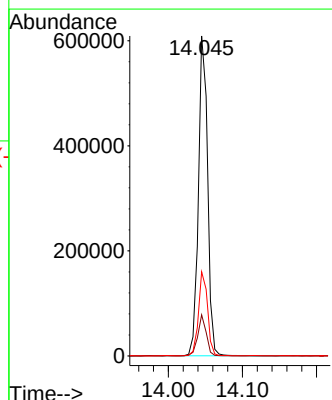
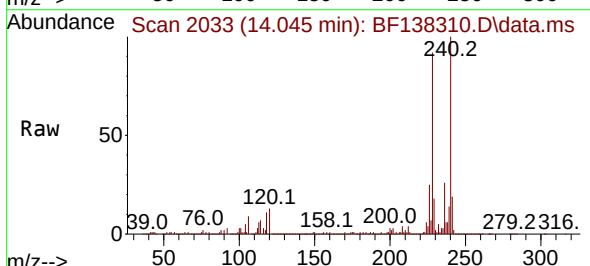
Tgt Ion:240 Resp: 521713

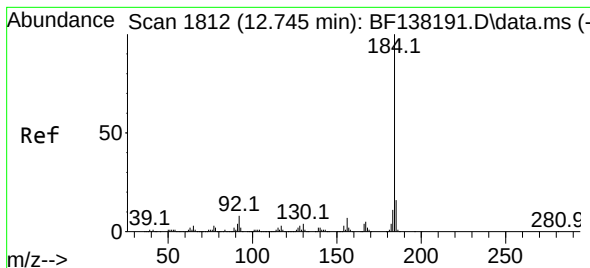
Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 26.3 21.0 31.6





#77

Benzidine

Concen: 93.144 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

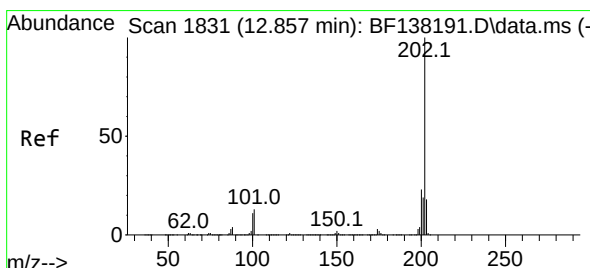
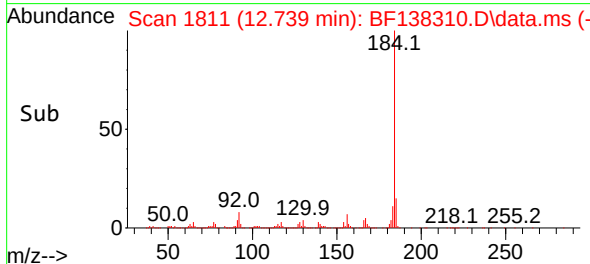
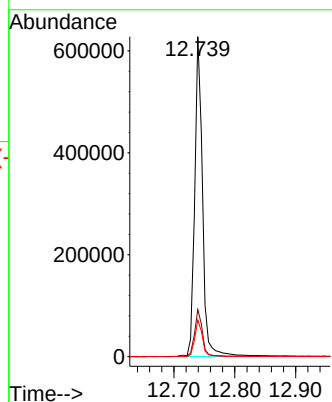
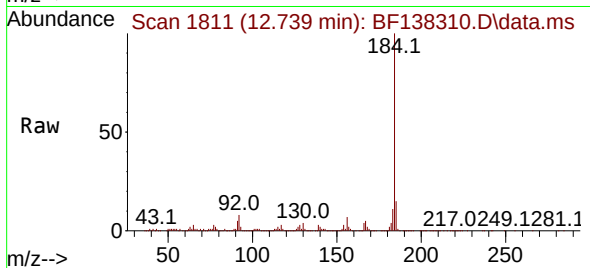
Tgt Ion:184 Resp: 562080

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

183 11.4 9.0 13.6



#78

Pyrene

Concen: 37.851 ng

RT: 12.851 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

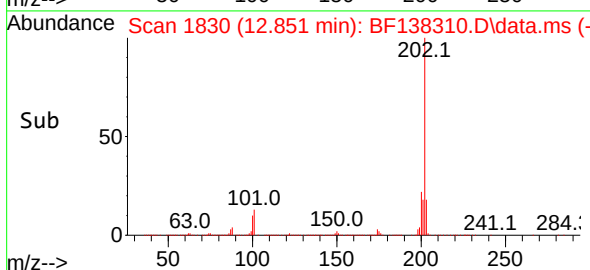
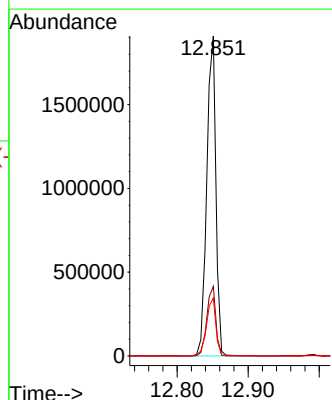
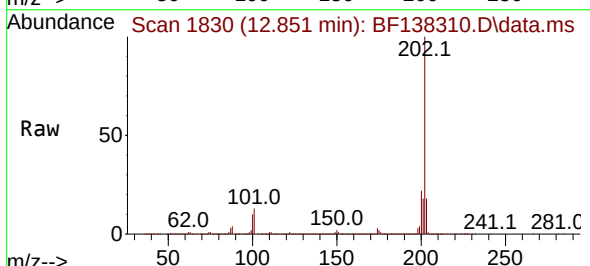
Tgt Ion:202 Resp: 1703305

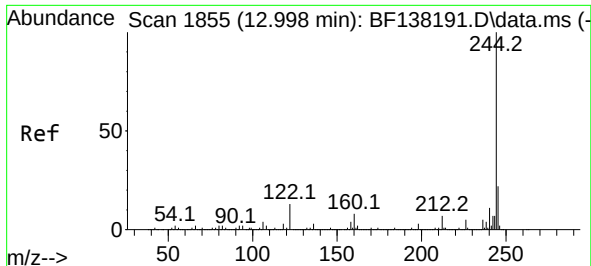
Ion Ratio Lower Upper

202 100

200 21.8 18.0 27.0

203 18.1 14.7 22.1

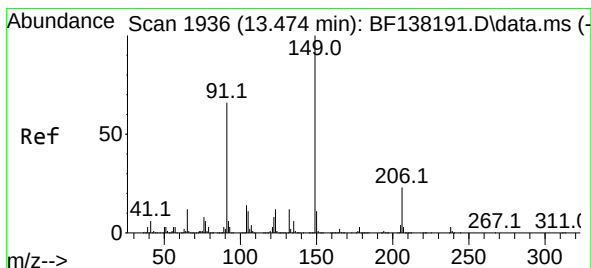
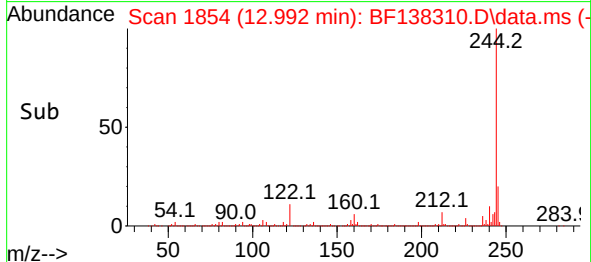
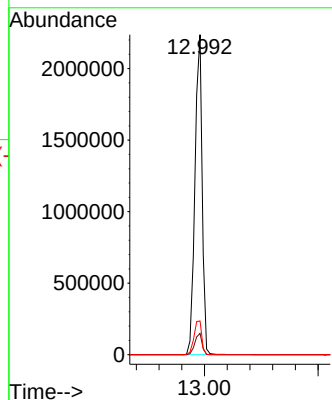
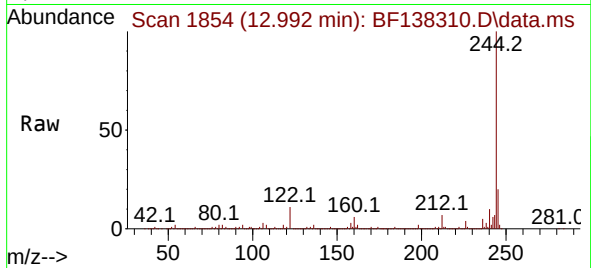




#79
 Terphenyl-d14
 Concen: 60.146 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138310.D
 Acq: 24 Jun 2024 15:12

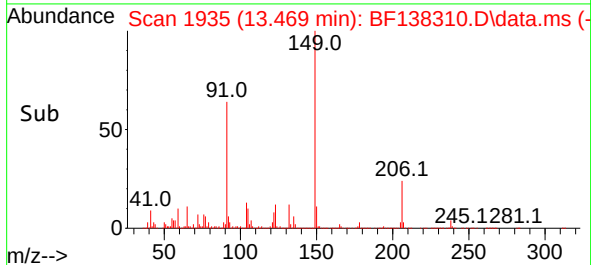
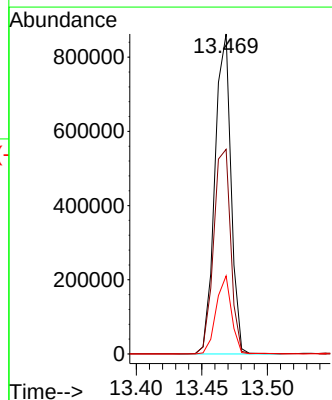
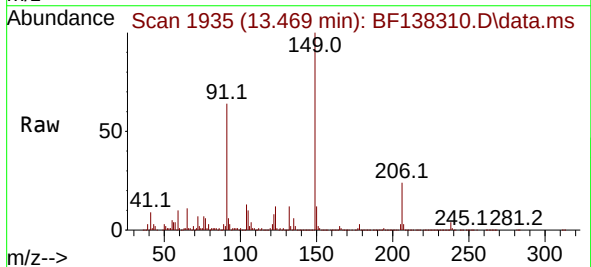
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPLMSD

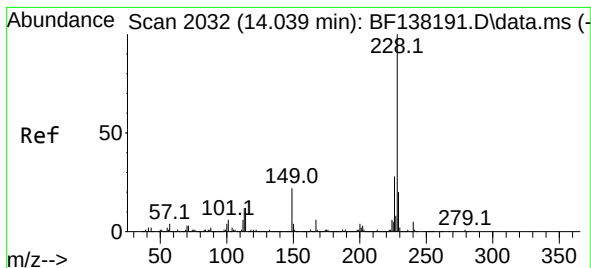
Tgt Ion:244 Resp: 1981199
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 10.5 10.6 15.8#



#80
 Butylbenzylphthalate
 Concen: 60.207 ng
 RT: 13.469 min Scan# 1935
 Delta R.T. -0.006 min
 Lab File: BF138310.D
 Acq: 24 Jun 2024 15:12

Tgt Ion:149 Resp: 736965
 Ion Ratio Lower Upper
 149 100
 91 63.9 53.2 79.8
 206 24.4 18.6 27.8





#81

Benzo(a)anthracene

Concen: 51.268 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

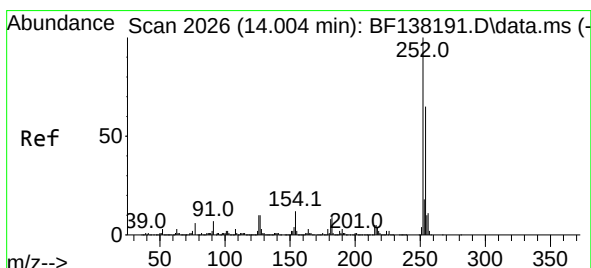
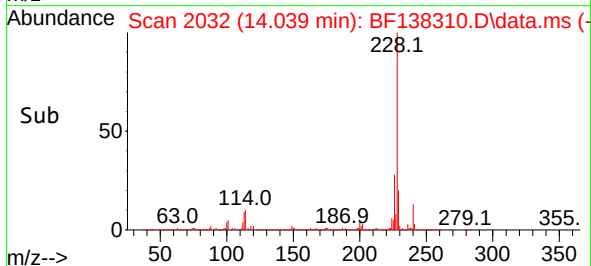
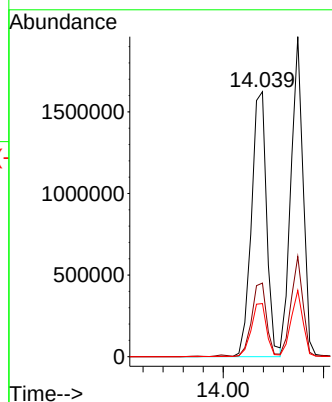
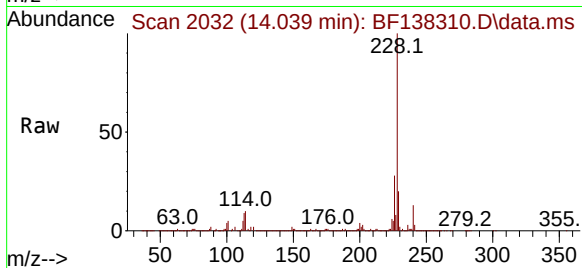
Tgt Ion:228 Resp: 1715968

Ion Ratio Lower Upper

228 100

226 27.8 22.5 33.7

229 20.1 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 55.885 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

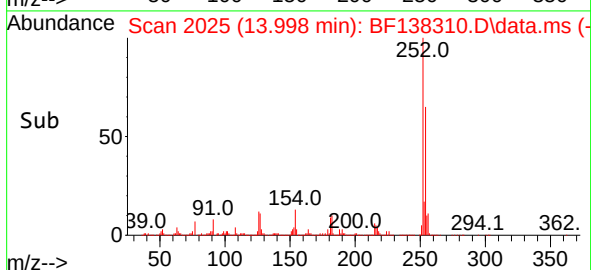
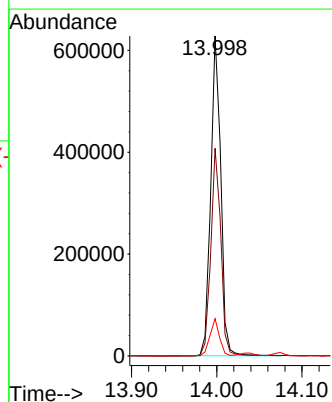
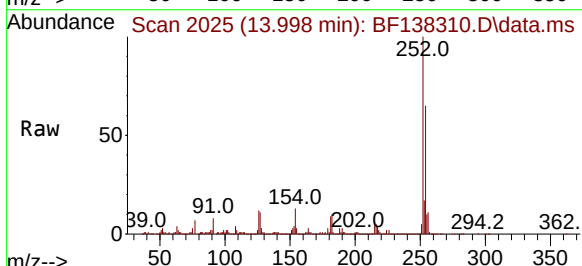
Tgt Ion:252 Resp: 515101

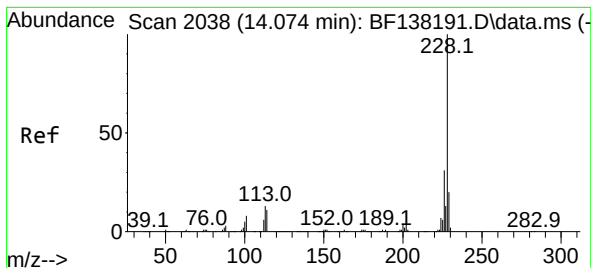
Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.6

126 11.7 8.3 12.5





#83

Chrysene

Concen: 51.499 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

Instrument :

BNA_F

ClientSampleId :

WCS-TPLMSD

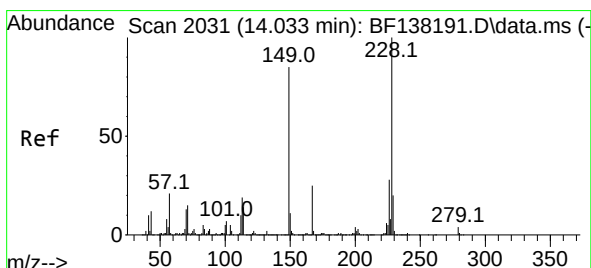
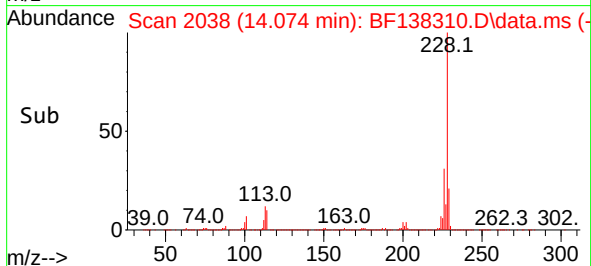
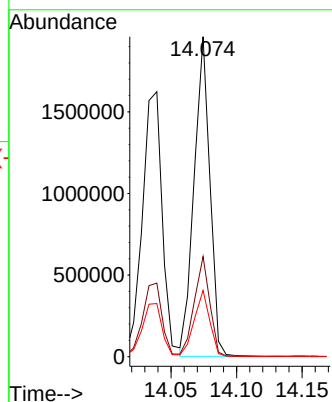
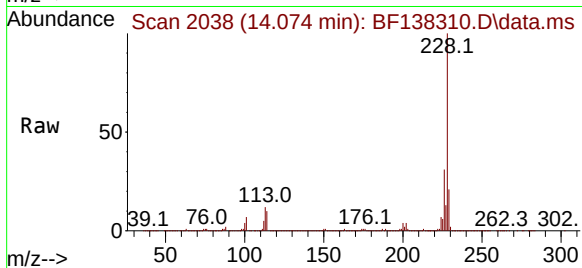
Tgt Ion:228 Resp: 1643006

Ion Ratio Lower Upper

228 100

226 31.3 24.5 36.7

229 20.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.842 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138310.D

Acq: 24 Jun 2024 15:12

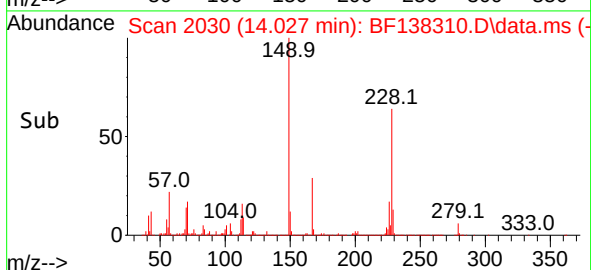
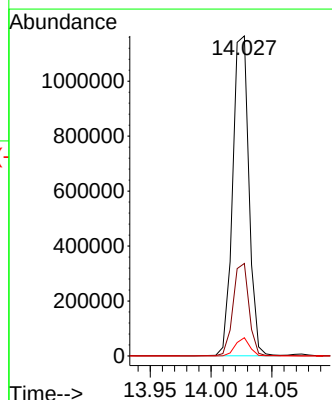
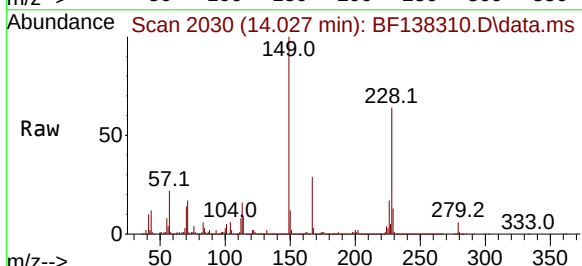
Tgt Ion:149 Resp: 1079724

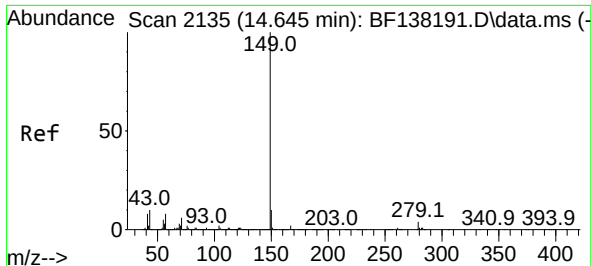
Ion Ratio Lower Upper

149 100

167 28.9 23.5 35.3

279 5.7 4.2 6.2

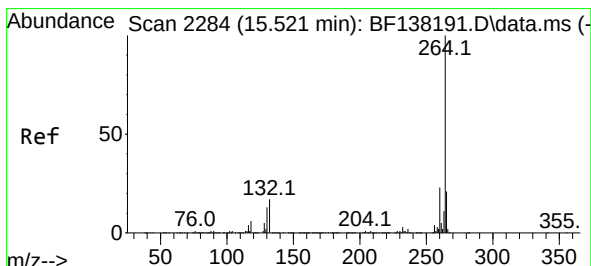
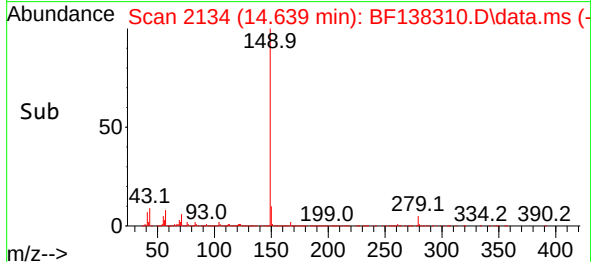
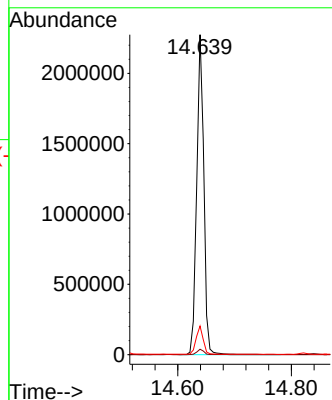
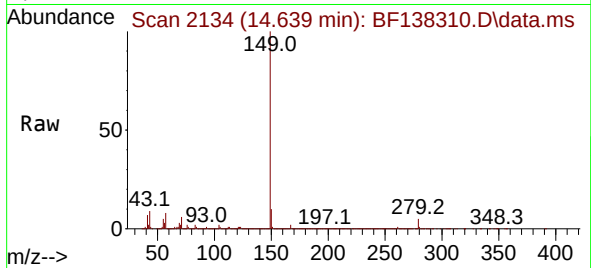




#85
Di-n-octyl phthalate
Concen: 94.035 ng
RT: 14.639 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

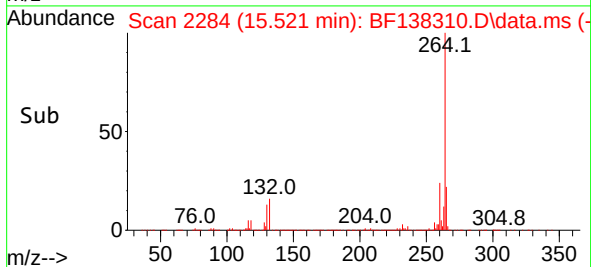
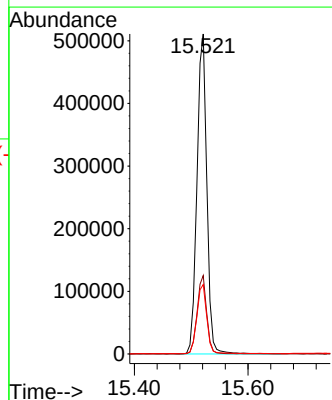
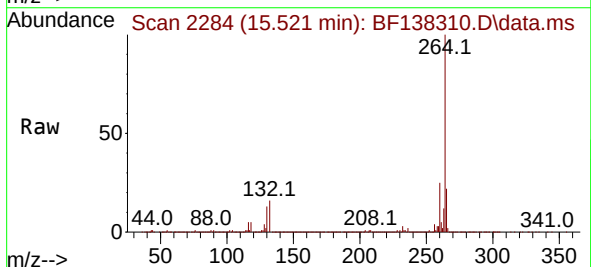
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

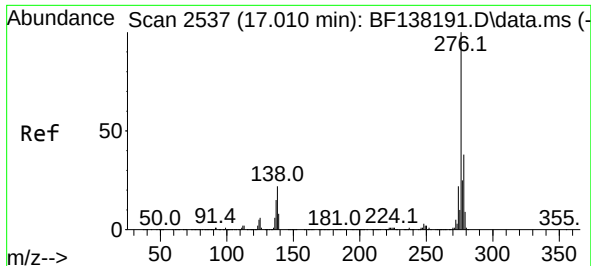
Tgt Ion:149 Resp: 1988842
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.6 7.8 11.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:264 Resp: 620494
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 21.7 17.0 25.6

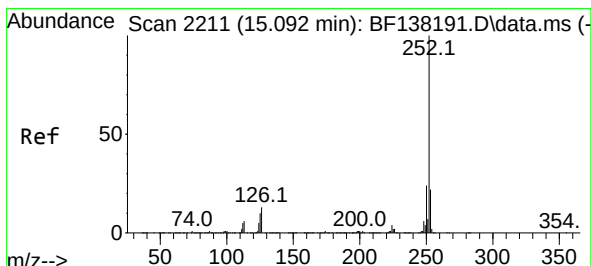
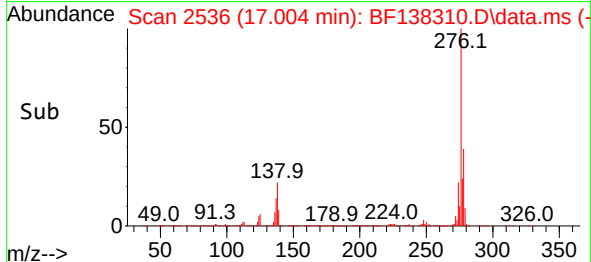
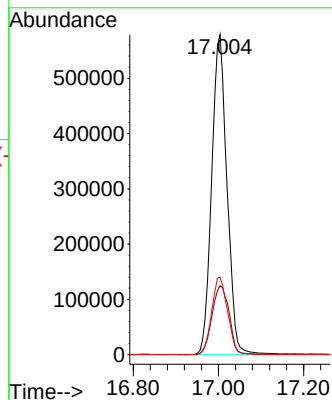
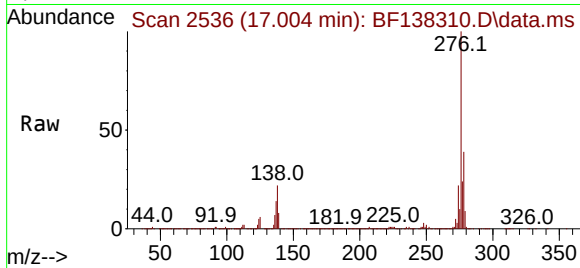




#87
Indeno(1,2,3-cd)pyrene
Concen: 35.727 ng
RT: 17.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

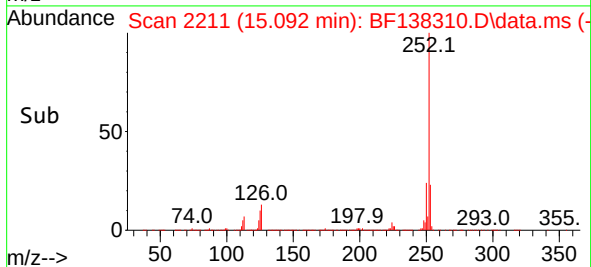
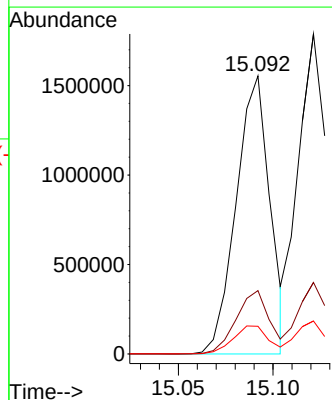
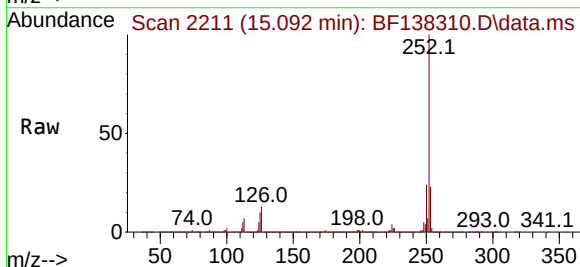
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

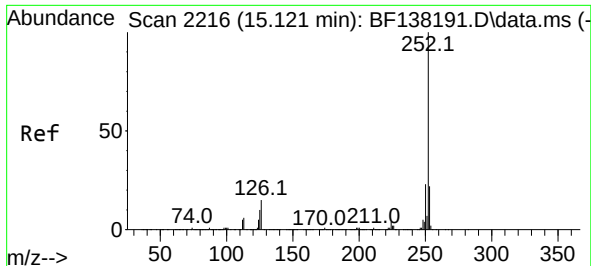
Tgt Ion:276 Resp: 1445158
Ion Ratio Lower Upper
276 100
138 24.1 19.3 28.9
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 52.564 ng
RT: 15.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:252 Resp: 1923389
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 10.0 7.8 11.8

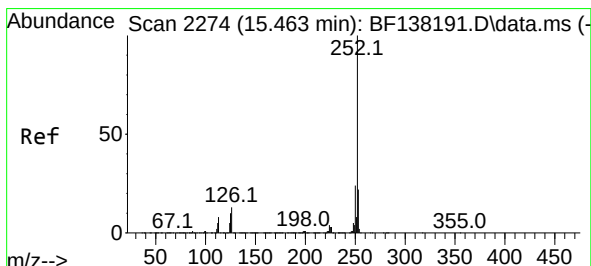
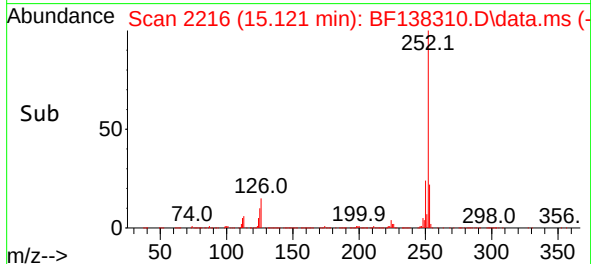
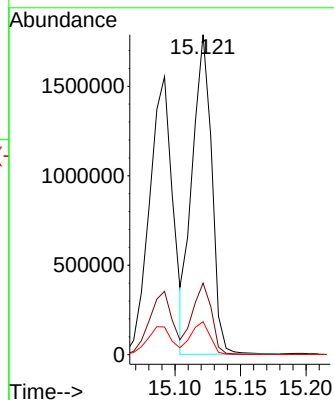
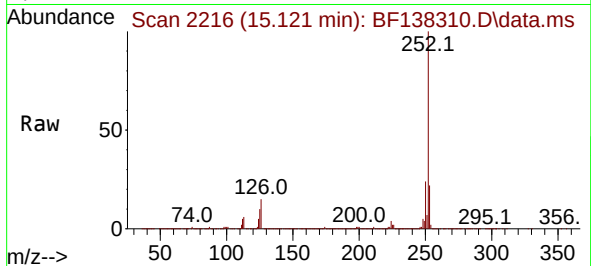




#89
Benzo(k)fluoranthene
Concen: 51.463 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

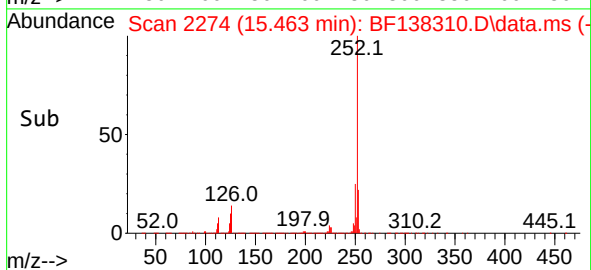
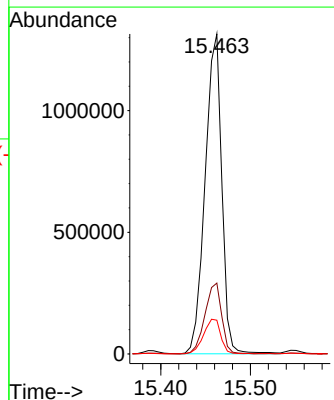
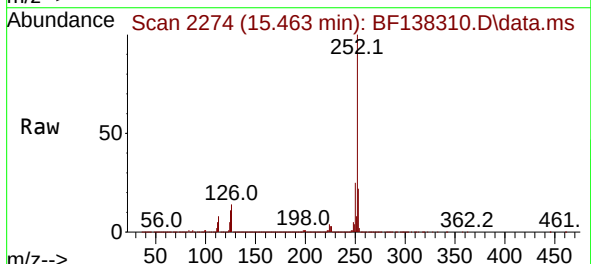
Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

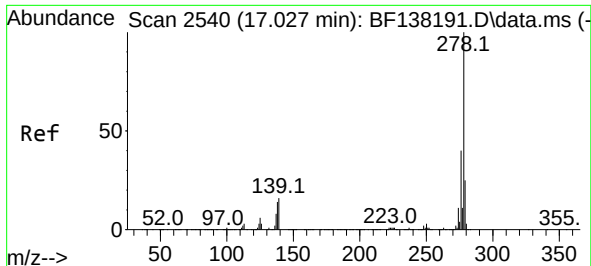
Tgt Ion:252 Resp: 1845483
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.3 8.0 12.0



#90
Benzo(a)pyrene
Concen: 53.819 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:252 Resp: 1691834
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.5 8.2 12.2

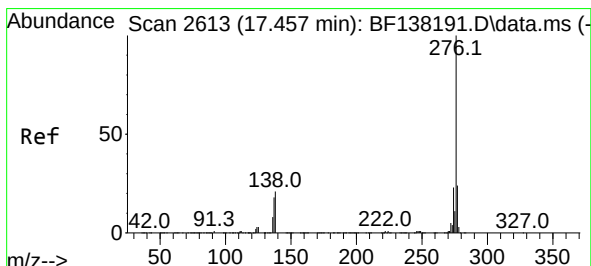
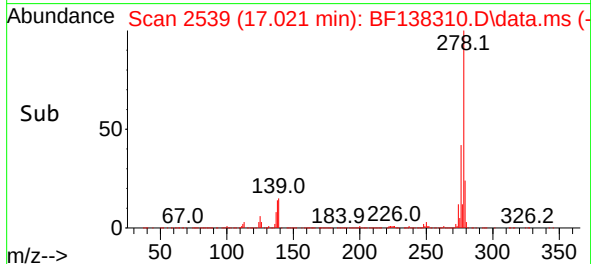
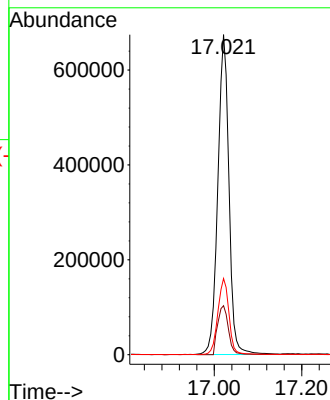
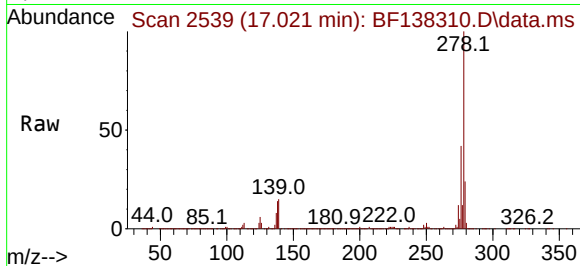




#91
Dibenzo(a,h)anthracene
Concen: 35.732 ng
RT: 17.021 min Scan# 2539
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Instrument :
BNA_F
ClientSampleId :
WCS-TPLMSD

Tgt Ion:278 Resp: 1186370
Ion Ratio Lower Upper
278 100
139 15.3 12.9 19.3
279 23.8 19.9 29.9



#92
Benzo(g,h,i)perylene
Concen: 30.143 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF138310.D
Acq: 24 Jun 2024 15:12

Tgt Ion:276 Resp: 1035344
Ion Ratio Lower Upper
276 100
277 23.6 19.5 29.3
138 20.7 16.6 24.8

