

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138056.D
 Acq On : 29 May 2024 13:40
 Operator : CG\JU
 Sample : PB161170BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161170BS

Quant Time: May 29 14:16:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	159747	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	616668	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	343980	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	573616	20.000	ng	0.00
76) Chrysene-d12	14.233	240	319016	20.000	ng	0.00
86) Perylene-d12	15.804	264	305231	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1154687	122.782	ng	0.01
7) Phenol-d6	6.663	99	1387377	119.760	ng	0.00
23) Nitrobenzene-d5	7.604	82	865690	82.615	ng	0.00
42) 2,4,6-Tribromophenol	10.886	330	483786	139.486	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1863466	83.448	ng	0.00
79) Terphenyl-d14	13.169	244	1901126	87.829	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.046	88	136631	33.537	ng	99
3) Pyridine	3.793	79	346170	37.869	ng	100
4) n-Nitrosodimethylamine	3.757	42	167532	41.543	ng	100
6) Aniline	6.698	93	342591	33.063	ng	100
8) 2-Chlorophenol	6.822	128	465494	45.738	ng	99
9) Benzaldehyde	6.592	77	341329	54.459	ng	98
10) Phenol	6.675	94	511993	43.786	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	402173	44.795	ng	99
12) 1,3-Dichlorobenzene	6.981	146	492037	41.786	ng	99
13) 1,4-Dichlorobenzene	7.057	146	501968	42.469	ng	98
14) 1,2-Dichlorobenzene	7.204	146	480622	43.205	ng	100
15) Benzyl Alcohol	7.175	79	369684	47.789	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	505354	45.791	ng	98
17) 2-Methylphenol	7.281	107	363367	44.770	ng	98
18) Hexachloroethane	7.551	117	172277	43.073	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	298775	45.905	ng	99
20) 3+4-Methylphenols	7.434	107	464317	43.668	ng	# 89
22) Acetophenone	7.445	105	617998	44.736	ng	98
24) Nitrobenzene	7.622	77	443545	41.725	ng	100
25) Isophorone	7.857	82	833966	45.857	ng	97
26) 2-Nitrophenol	7.934	139	253931	47.541	ng	97
27) 2,4-Dimethylphenol	7.963	122	337079	49.017	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	504015	45.727	ng	99
29) 2,4-Dichlorophenol	8.175	162	402127	46.502	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	430062	44.542	ng	98
31) Naphthalene	8.345	128	1339198	43.191	ng	100
32) Benzoic acid	8.092	122	279417	48.066	ng	96
33) 4-Chloroaniline	8.386	127	200587	19.734	ng	98
34) Hexachlorobutadiene	8.451	225	263550	43.125	ng	99
35) Caprolactam	8.775	113	85866	34.273	ng	94
36) 4-Chloro-3-methylphenol	8.869	107	408668	46.456	ng	100
37) 2-Methylnaphthalene	9.039	142	898788	45.096	ng	98
38) 1-Methylnaphthalene	9.139	142	824932	42.101	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	432389	46.237	ng	99
41) Hexachlorocyclopentadiene	9.186	237	428604	120.620	ng	99
43) 2,4,6-Trichlorophenol	9.316	196	291185	47.490	ng	99

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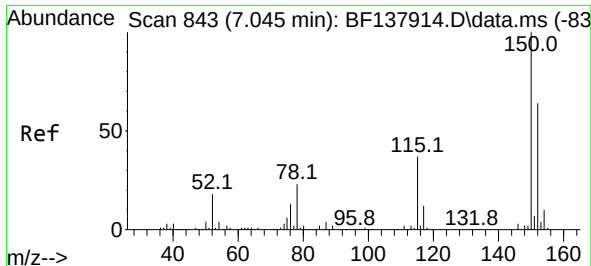
Quant Time: May 29 14:16:12 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	304176	45.339	ng	95
46) 1,1'-Biphenyl	9.504	154	1091683	45.249	ng	99
47) 2-Chloronaphthalene	9.533	162	853956	44.340	ng	99
48) 2-Nitroaniline	9.628	65	229359	46.506	ng	92
49) Acenaphthylene	9.951	152	1337688	48.305	ng	99
50) Dimethylphthalate	9.804	163	1023964	47.471	ng	100
51) 2,6-Dinitrotoluene	9.869	165	226164	45.684	ng	92
52) Acenaphthene	10.122	154	795787	43.479	ng	100
53) 3-Nitroaniline	10.039	138	156040	32.241	ng	92
54) 2,4-Dinitrophenol	10.145	184	243578	90.108	ng	# 87
55) Dibenzofuran	10.298	168	1215518	45.633	ng	98
56) 4-Nitrophenol	10.198	139	322939	92.903	ng	95
57) 2,4-Dinitrotoluene	10.275	165	302994	47.342	ng	94
58) Fluorene	10.639	166	949748	45.078	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	259927	49.318	ng	98
60) Diethylphthalate	10.504	149	955763	47.444	ng	99
61) 4-Chlorophenyl-phenyle...	10.628	204	479574	46.157	ng	93
62) 4-Nitroaniline	10.657	138	200840	43.752	ng	99
63) Azobenzene	10.786	77	844194	46.070	ng	99
65) 4,6-Dinitro-2-methylph...	10.686	198	175324	52.935	ng	91
66) n-Nitrosodiphenylamine	10.745	169	825401	46.922	ng	99
67) 4-Bromophenyl-phenylether	11.122	248	300267	47.749	ng	# 91
68) Hexachlorobenzene	11.186	284	327913	47.174	ng	# 93
69) Atrazine	11.269	200	279604	58.208	ng	100
70) Pentachlorophenol	11.380	266	374823	92.054	ng	99
71) Phenanthrene	11.610	178	1306866	46.232	ng	99
72) Anthracene	11.663	178	1308455	46.653	ng	99
73) Carbazole	11.816	167	1157580	45.182	ng	100
74) Di-n-butylphthalate	12.127	149	1413012	49.696	ng	99
75) Fluoranthene	12.804	202	1264533	44.073	ng	100
77) Benzidine	12.916	184	96787	23.215	ng	99
78) Pyrene	13.033	202	1272700	45.612	ng	100
80) Butylbenzylphthalate	13.639	149	457031	54.304	ng	95
81) Benzo(a)anthracene	14.227	228	975954	48.355	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	209912	37.529	ng	99
83) Chrysene	14.263	228	910566	47.174	ng	99
84) Bis(2-ethylhexyl)phtha...	14.192	149	596727	56.404	ng	100
85) Di-n-octyl phthalate	14.815	149	960223	67.184	ng	99
87) Indeno(1,2,3-cd)pyrene	17.445	276	975345	49.737	ng	99
88) Benzo(b)fluoranthene	15.333	252	849382	48.061	ng	99
89) Benzo(k)fluoranthene	15.363	252	862479	49.676	ng	99
90) Benzo(a)pyrene	15.739	252	795639	52.723	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	799287	49.332	ng	98
92) Benzo(g,h,i)perylene	17.939	276	766698	45.046	ng	99

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

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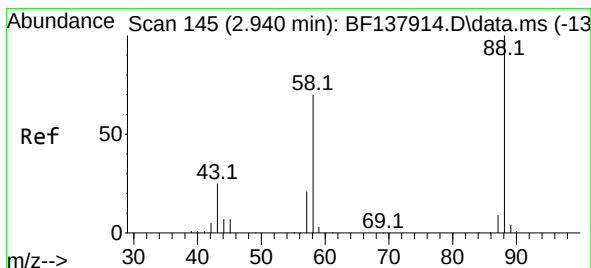
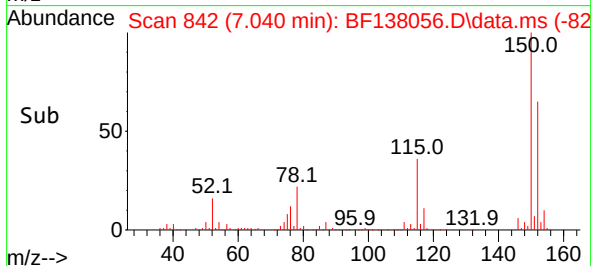
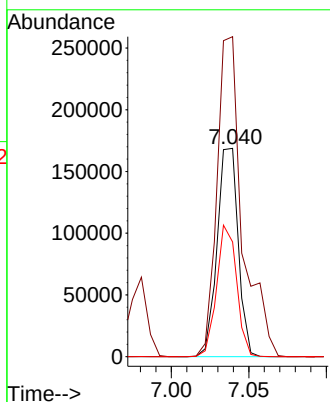
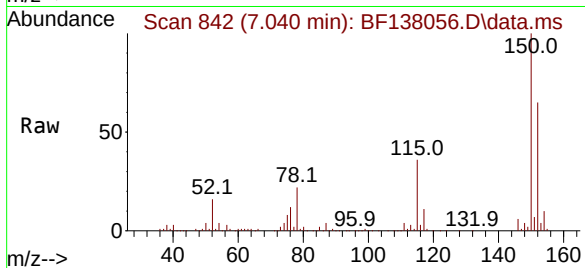




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.040 min Scan# 84
 Delta R.T. -0.005 min
 Lab File: BF138056.D
 Acq: 29 May 2024 13:40

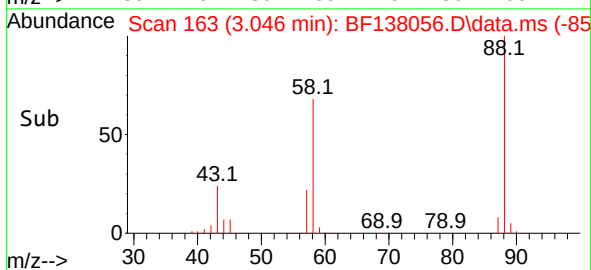
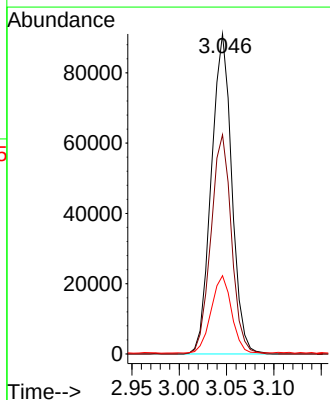
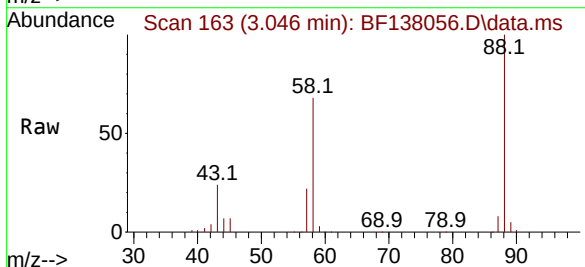
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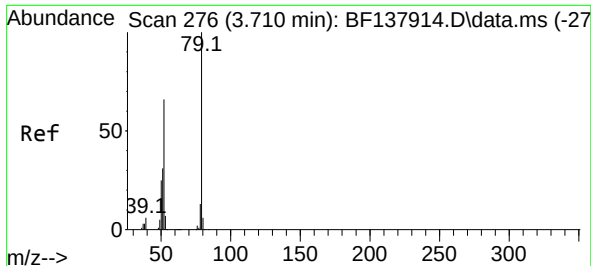
Tgt Ion:152 Resp: 159747
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.7 188.5
 115 55.1 47.0 70.6



#2
 1,4-Dioxane
 Concen: 33.537 ng
 RT: 3.046 min Scan# 163
 Delta R.T. 0.106 min
 Lab File: BF138056.D
 Acq: 29 May 2024 13:40

Tgt Ion: 88 Resp: 136631
 Ion Ratio Lower Upper
 88 100
 58 68.8 54.4 81.6
 43 24.3 19.6 29.4

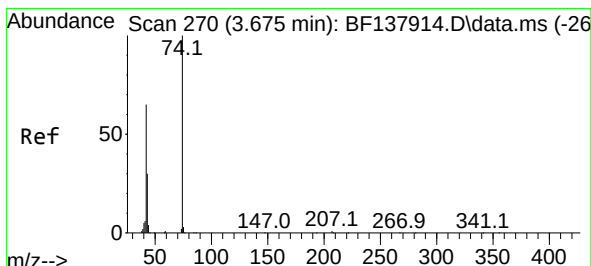
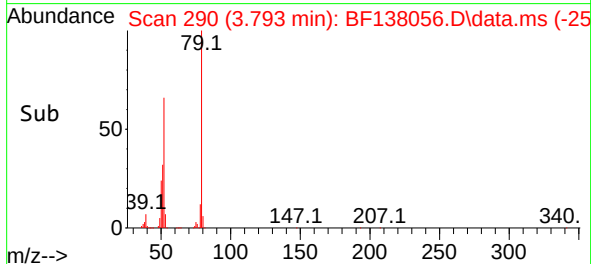
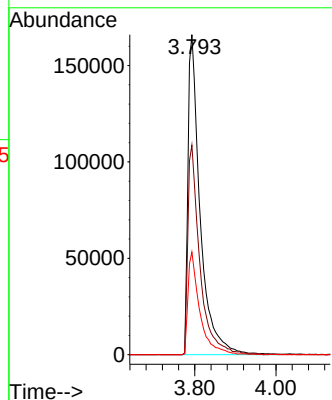
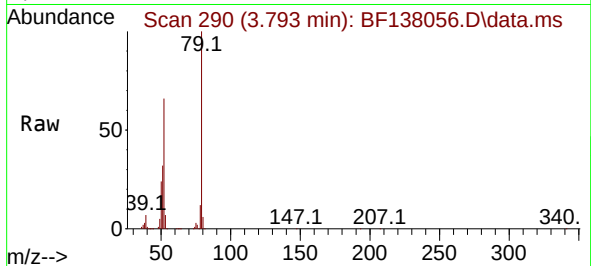




#3
Pyridine
Concen: 37.869 ng
RT: 3.793 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

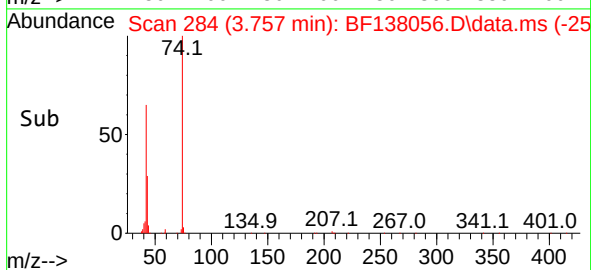
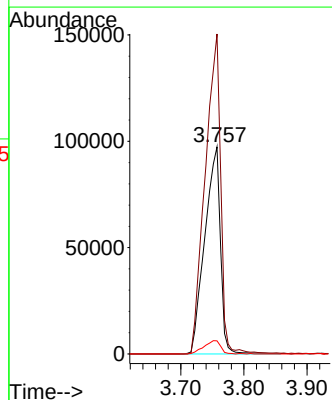
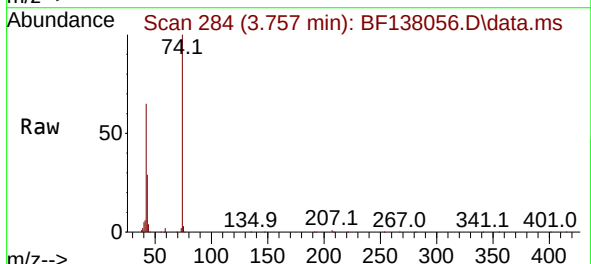
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ClientSampleId :
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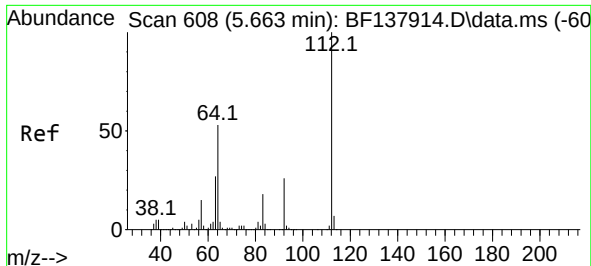
Tgt Ion: 79 Resp: 346170
Ion Ratio Lower Upper
79 100
52 65.5 52.5 78.7
51 32.1 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 41.543 ng
RT: 3.757 min Scan# 284
Delta R.T. 0.082 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion: 42 Resp: 167532
Ion Ratio Lower Upper
42 100
74 154.5 123.1 184.7
44 6.3 5.0 7.6

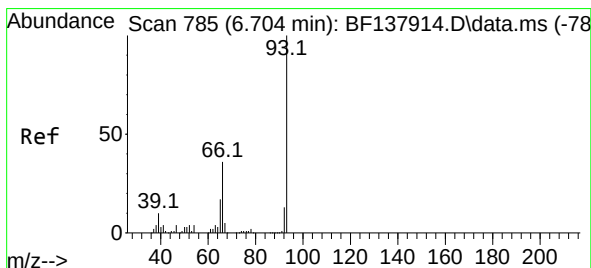
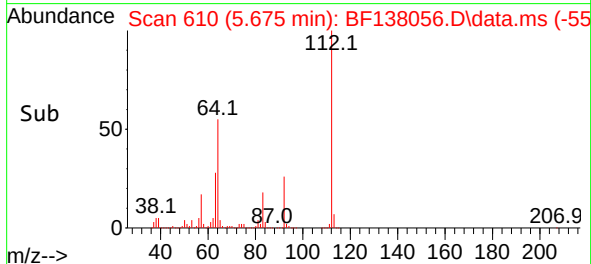
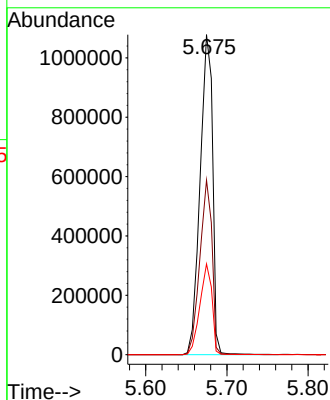
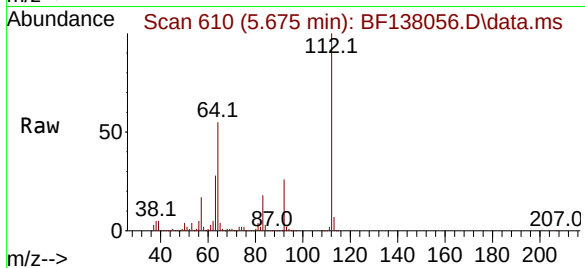




#5
2-Fluorophenol
Concen: 122.782 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

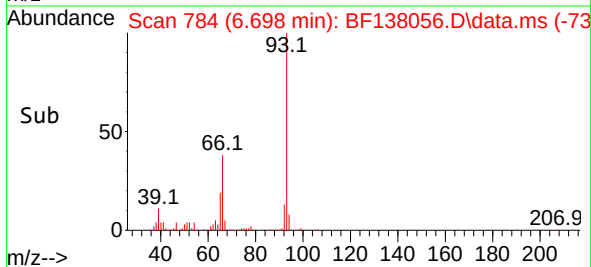
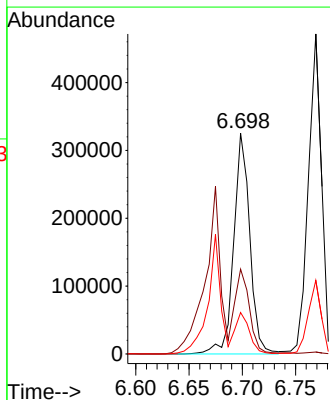
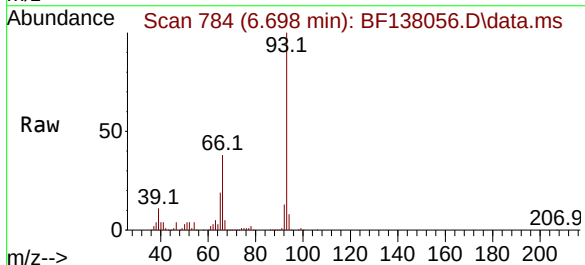
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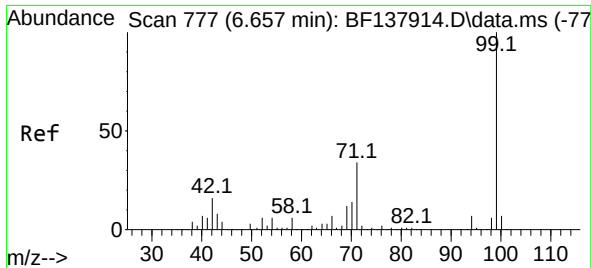
Tgt Ion:112 Resp: 1154687
Ion Ratio Lower Upper
112 100
64 54.5 42.4 63.6
63 28.3 21.4 32.2



#6
Aniline
Concen: 33.063 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion: 93 Resp: 342591
Ion Ratio Lower Upper
93 100
66 38.4 30.7 46.1
65 18.7 15.0 22.4



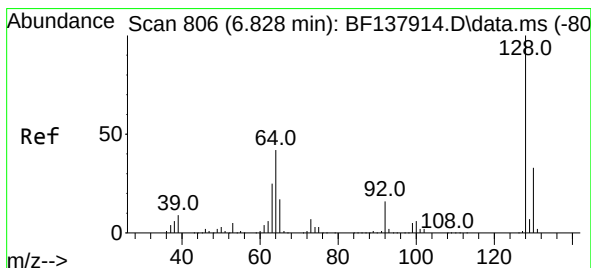
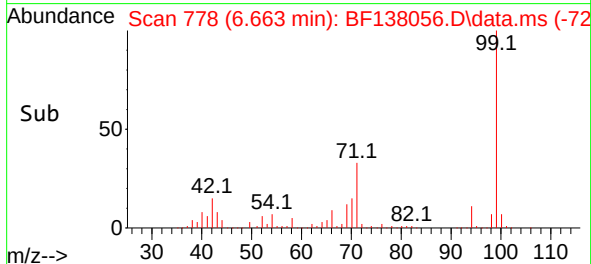
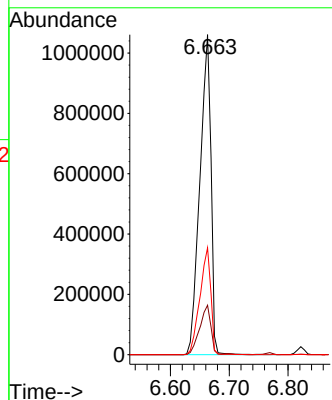
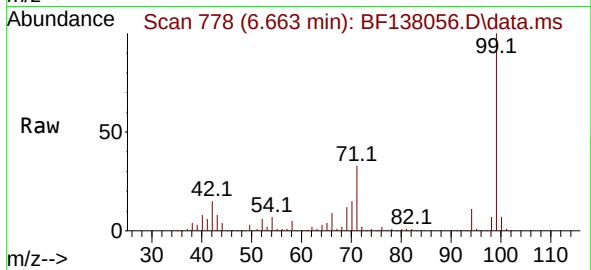


#7
Phenol-d6
Concen: 119.760 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB161170BS

Tgt Ion: 99 Resp: 1387377

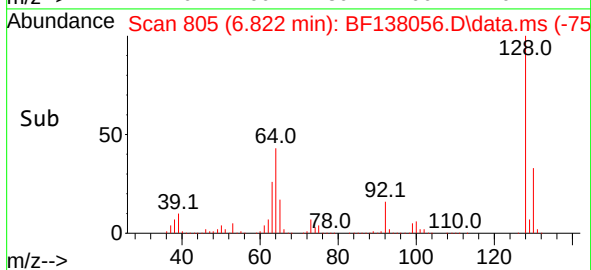
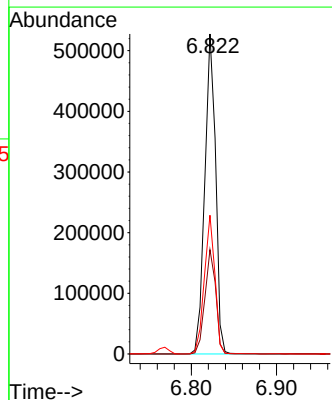
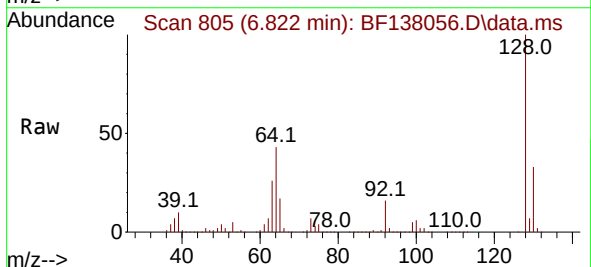
Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.6	18.8
71	33.4	27.1	40.7

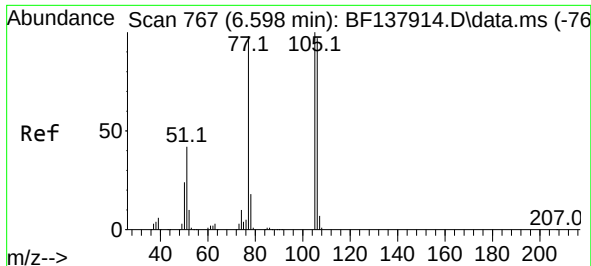


#8
2-Chlorophenol
Concen: 45.738 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion: 128 Resp: 465494

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.8	52.8
64	43.4	22.2	62.2

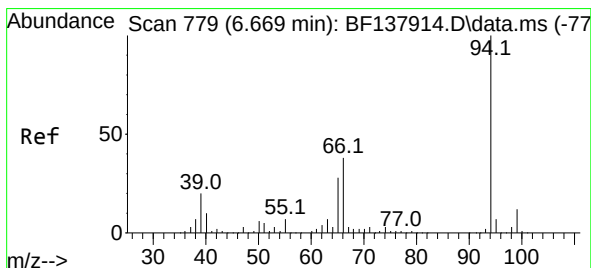
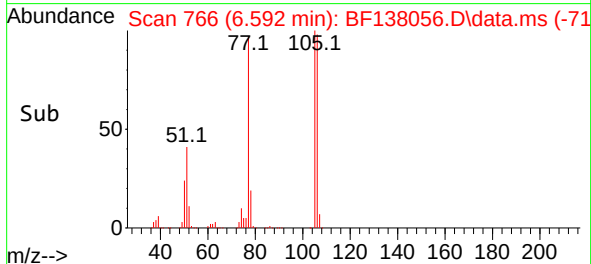
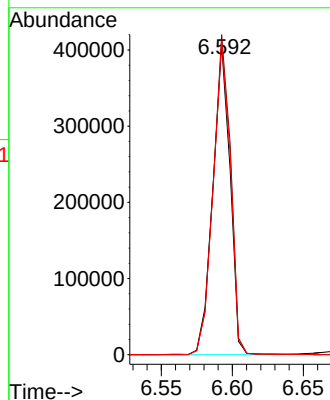
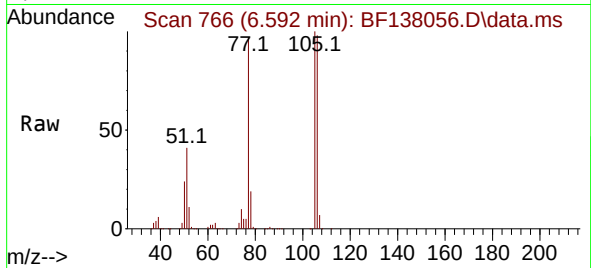




#9
Benzaldehyde
Concen: 54.459 ng
RT: 6.592 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

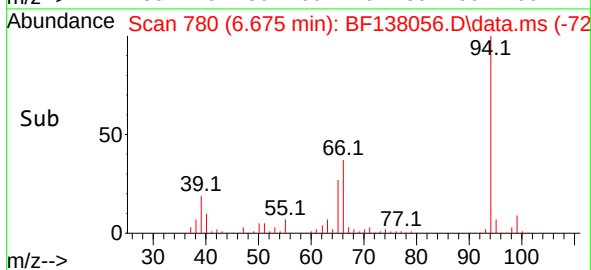
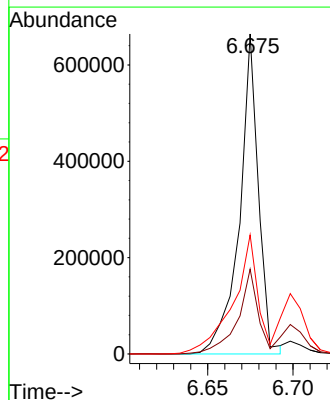
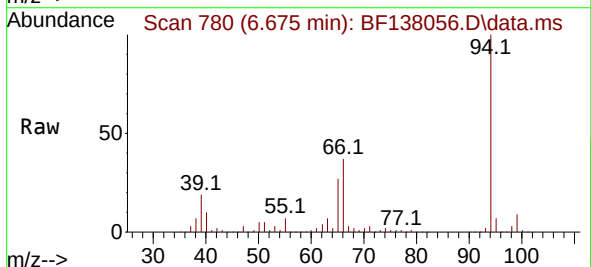
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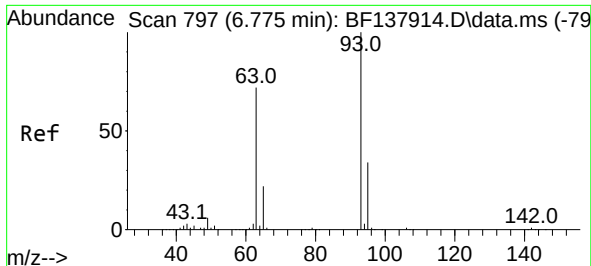
Tgt Ion: 77 Resp: 341329
Ion Ratio Lower Upper
77 100
105 103.4 82.3 122.3
106 101.3 79.2 119.2



#10
Phenol
Concen: 43.786 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion: 94 Resp: 511993
Ion Ratio Lower Upper
94 100
65 26.5 7.8 47.8
66 37.2 18.6 58.6

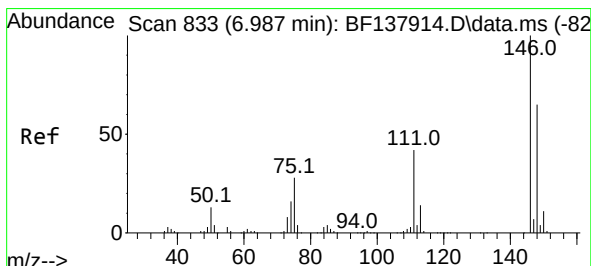
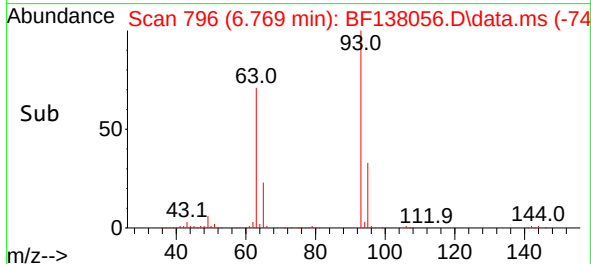
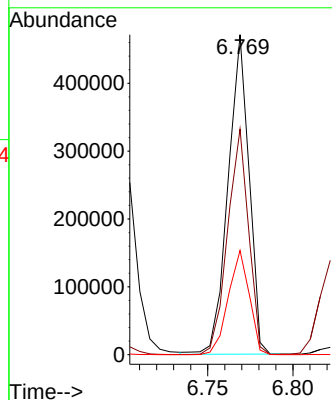
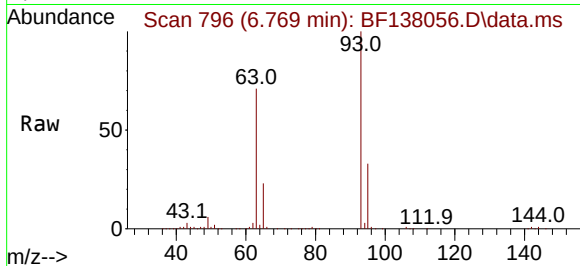




#11
bis(2-Chloroethyl)ether
Concen: 44.795 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

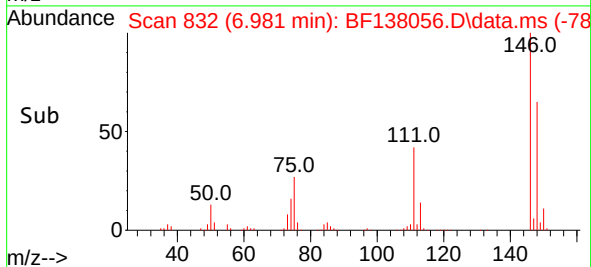
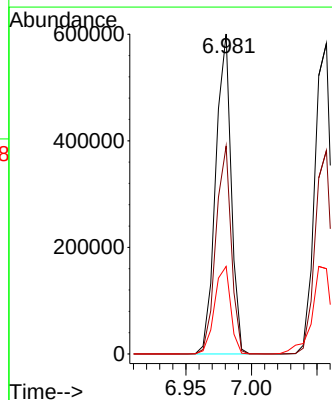
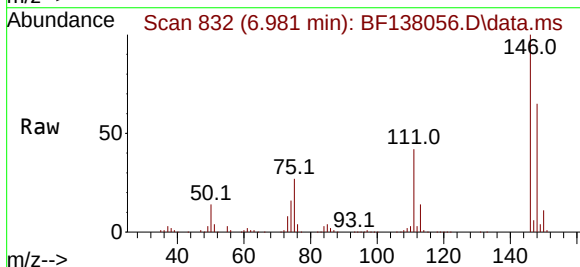
Instrument :
BNA_F
ClientSampleId :
PB161170BS

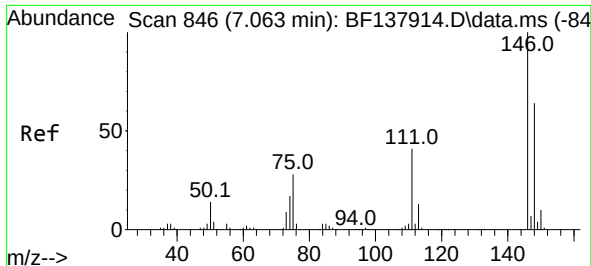
Tgt Ion: 93 Resp: 402173
Ion Ratio Lower Upper
93 100
63 70.5 51.4 91.4
95 32.6 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 41.786 ng
RT: 6.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:146 Resp: 492037
Ion Ratio Lower Upper
146 100
148 65.0 51.7 77.5
75 27.4 22.4 33.6

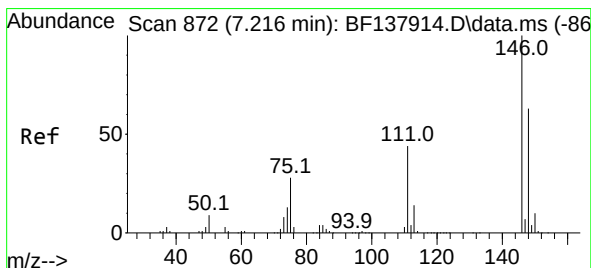
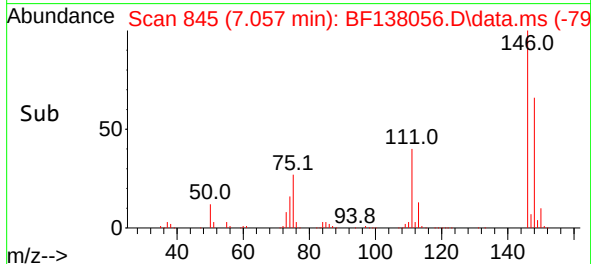
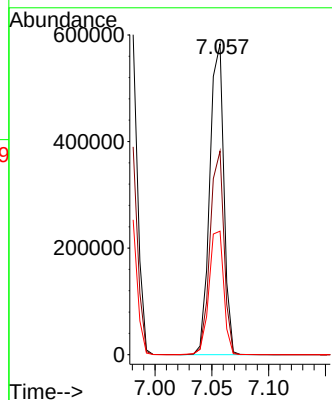
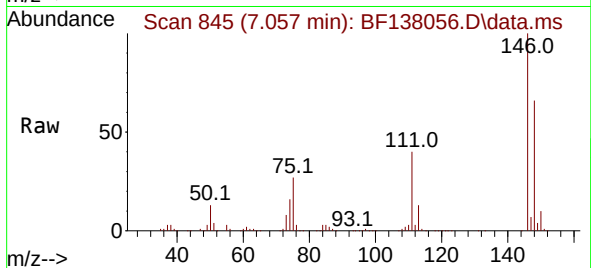




#13
1,4-Dichlorobenzene
Concen: 42.469 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

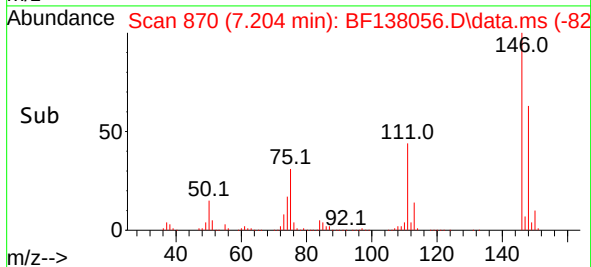
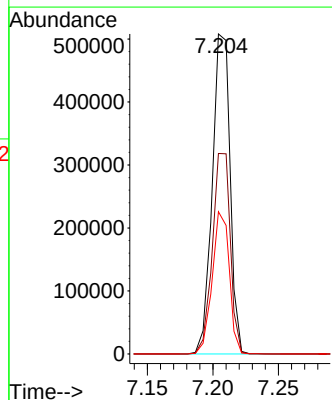
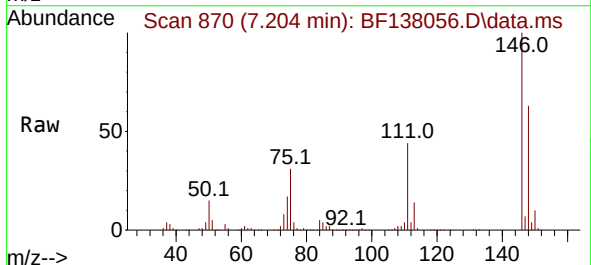
Instrument :
BNA_F
ClientSampleId :
PB161170BS

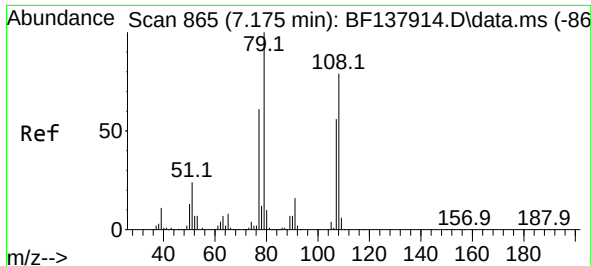
Tgt Ion:146 Resp: 501968
Ion Ratio Lower Upper
146 100
148 65.5 51.0 76.6
111 39.8 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 43.205 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:146 Resp: 480622
Ion Ratio Lower Upper
146 100
148 62.7 50.2 75.4
111 44.5 35.1 52.7

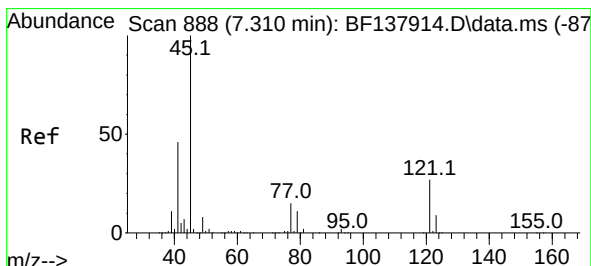
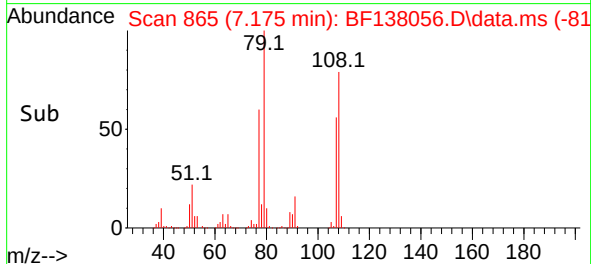
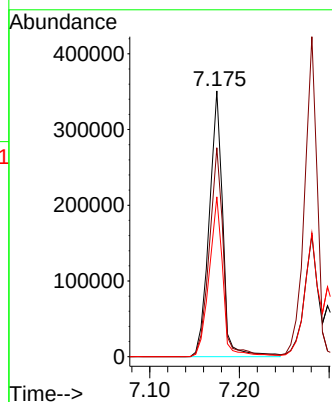
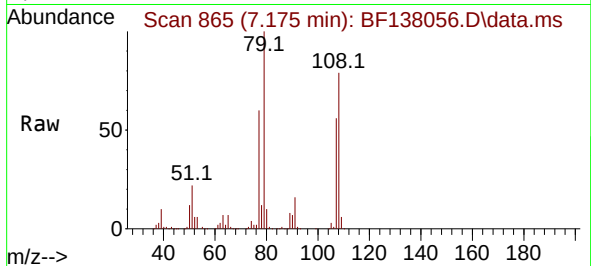




#15
Benzyl Alcohol
Concen: 47.789 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

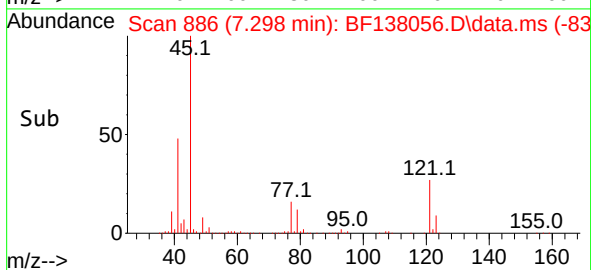
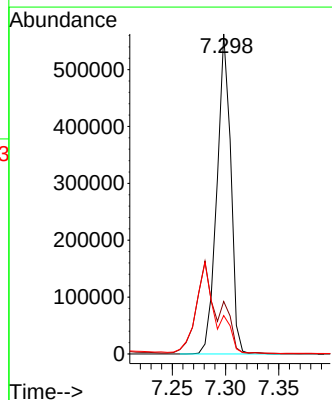
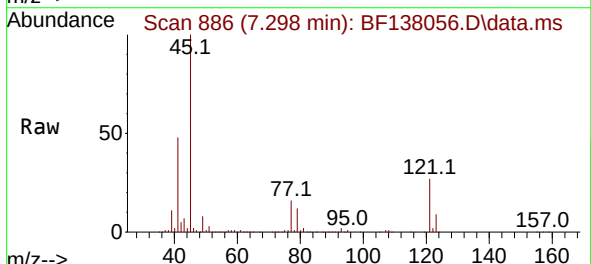
Instrument :
BNA_F
ClientSampleId :
PB161170BS

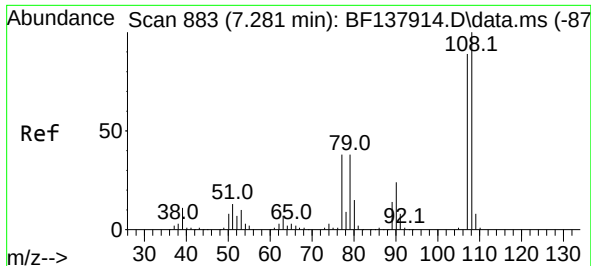
Tgt Ion: 79 Resp: 369684
Ion Ratio Lower Upper
79 100
108 78.6 62.8 94.2
77 60.2 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.791 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion: 45 Resp: 505354
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.3
79 12.0 0.0 32.1

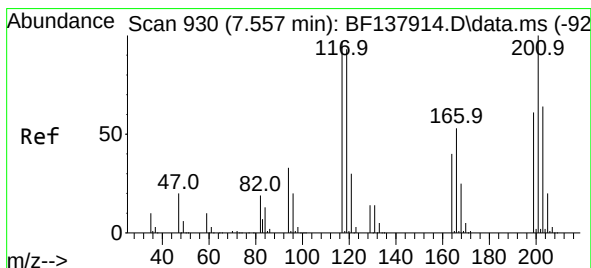
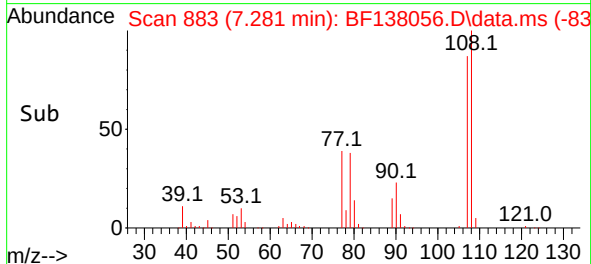
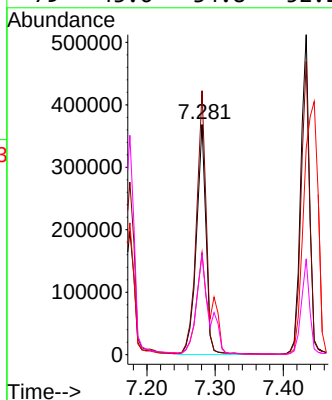
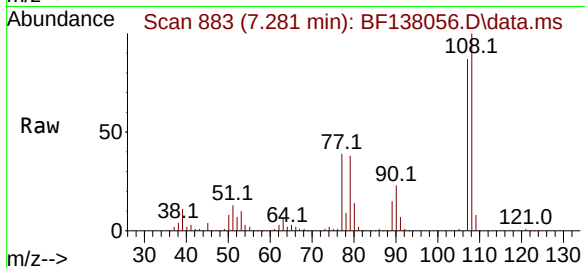




#17
2-Methylphenol
Concen: 44.770 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

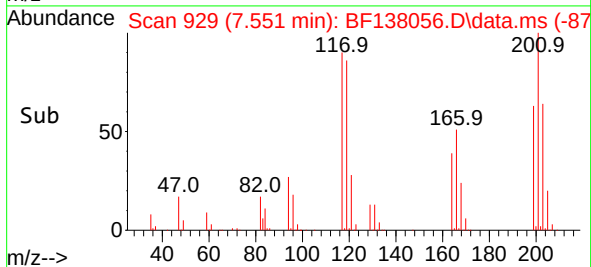
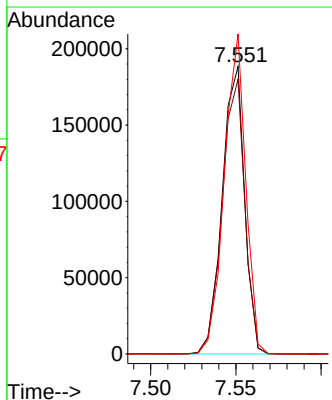
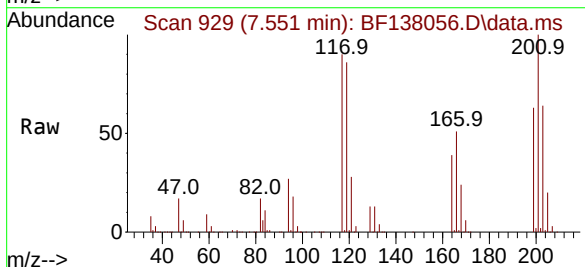
Instrument :
BNA_F
ClientSampleId :
PB161170BS

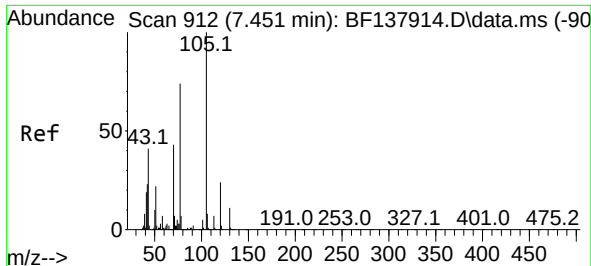
Tgt Ion:107 Resp: 363367
Ion Ratio Lower Upper
107 100
108 114.6 90.1 135.1
77 44.3 34.3 51.5
79 43.6 34.8 52.2



#18
Hexachloroethane
Concen: 43.073 ng
RT: 7.551 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:117 Resp: 172277
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2
201 111.3 82.7 124.1

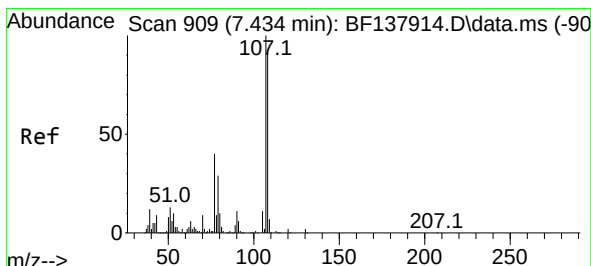
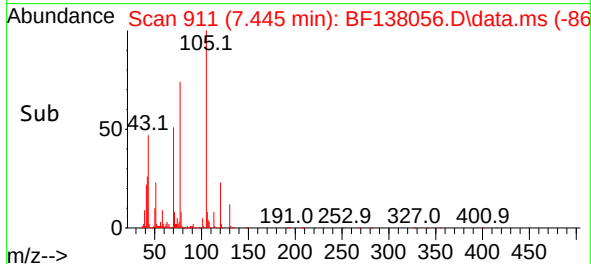
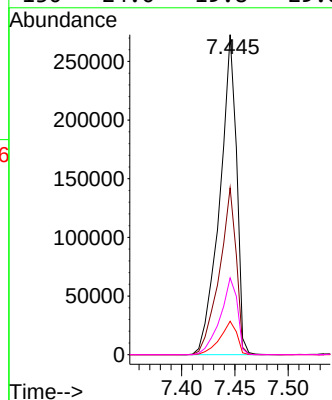
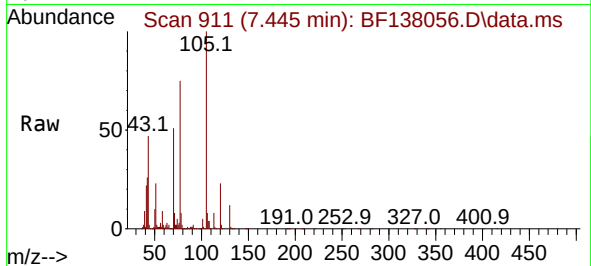




#19
n-Nitroso-di-n-propylamine
Concen: 45.905 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

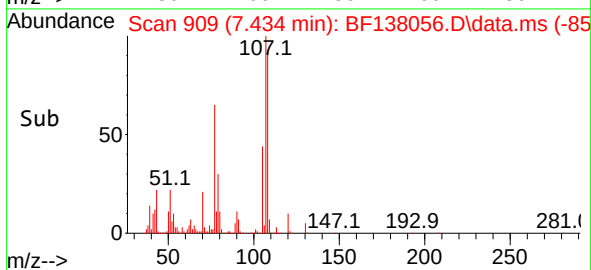
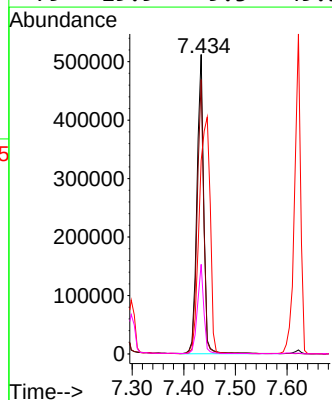
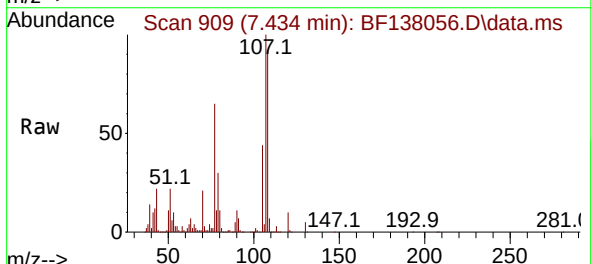
Instrument :
BNA_F
ClientSampleId :
PB161170BS

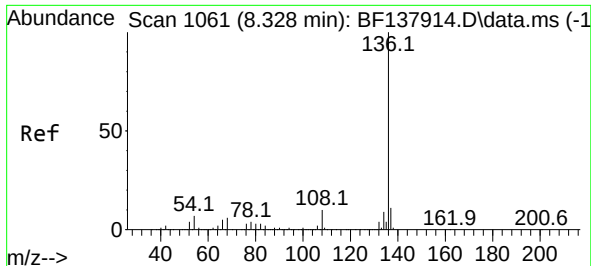
Tgt Ion: 70 Resp: 298775
Ion Ratio Lower Upper
70 100
42 52.1 42.2 63.4
101 10.5 8.8 13.2
130 24.0 19.8 29.8



#20
3+4-Methylphenols
Concen: 43.668 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion: 107 Resp: 464317
Ion Ratio Lower Upper
107 100
108 91.6 70.8 110.8
77 64.5 20.2 60.2#
79 29.9 9.3 49.3

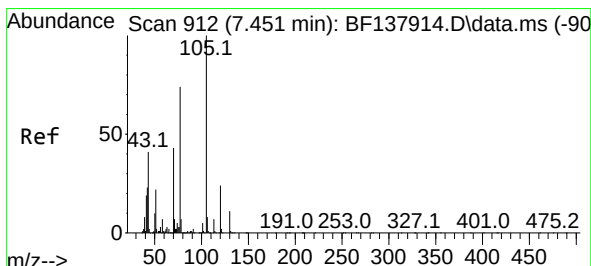
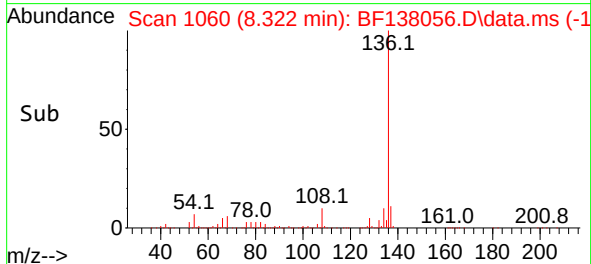
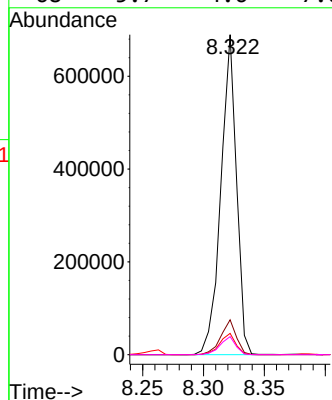
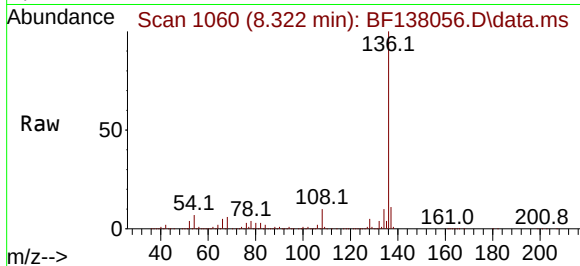




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

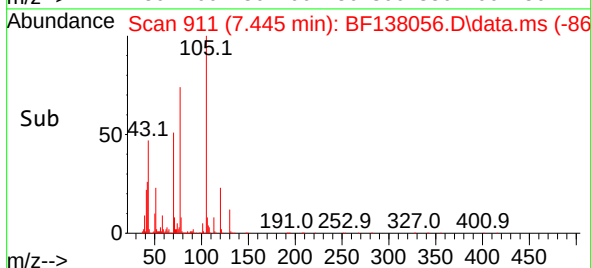
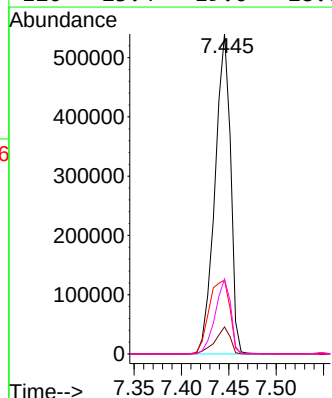
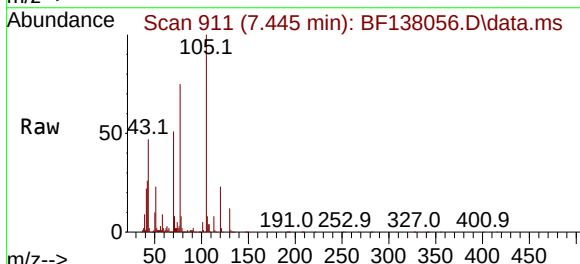
Instrument :
BNA_F
ClientSampleId :
PB161170BS

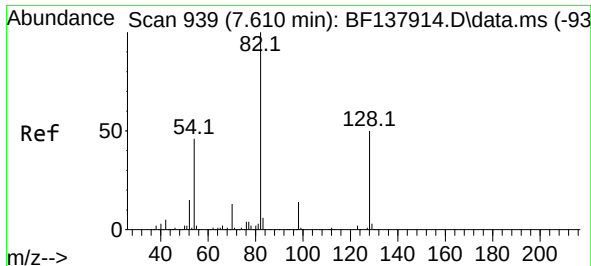
Tgt Ion:136	Resp: 616668
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 6.6	5.4 8.2
68 5.7	4.6 7.0



#22
Acetophenone
Concen: 44.736 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt	Ion:105	Resp:	617998
Ion	Ratio	Lower	Upper
105	100		
71	8.4	5.7	8.5
51	23.1	17.8	26.8
120	23.4	19.0	28.6





#23

Nitrobenzene-d5

Concen: 82.615 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

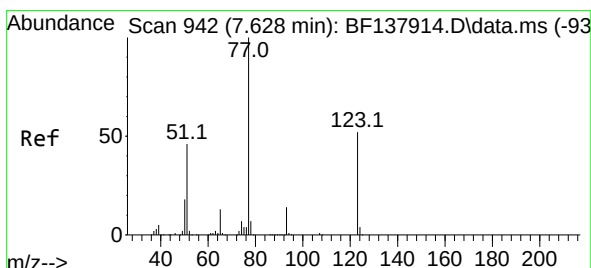
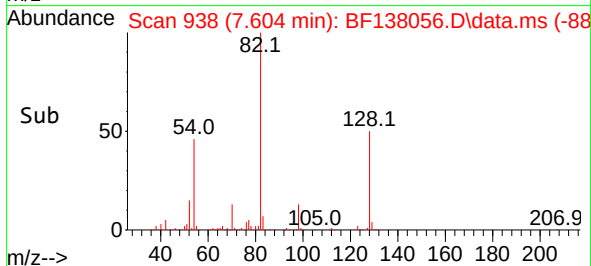
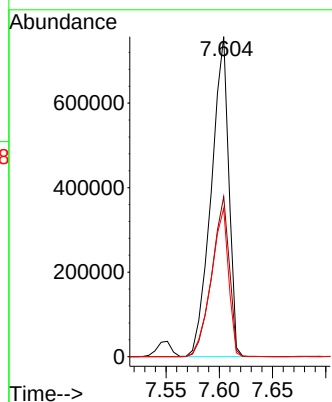
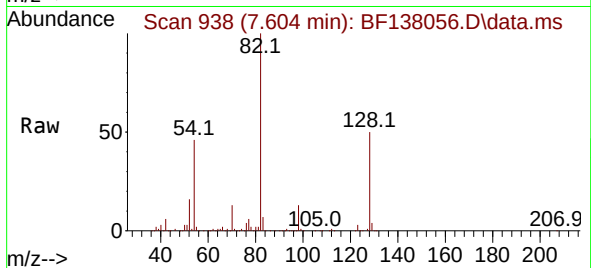
Tgt Ion: 82 Resp: 865690

Ion Ratio Lower Upper

82 100

128 50.0 40.3 60.5

54 46.4 36.8 55.2



#24

Nitrobenzene

Concen: 41.725 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

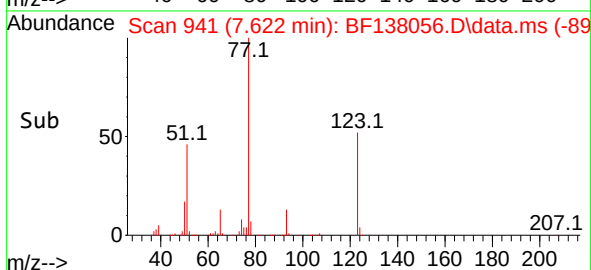
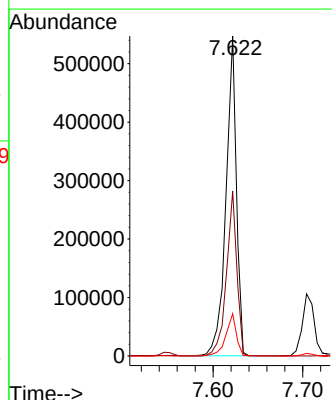
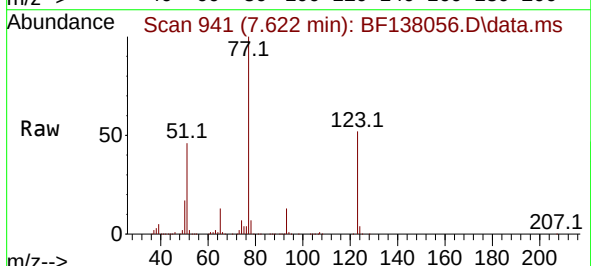
Tgt Ion: 77 Resp: 443545

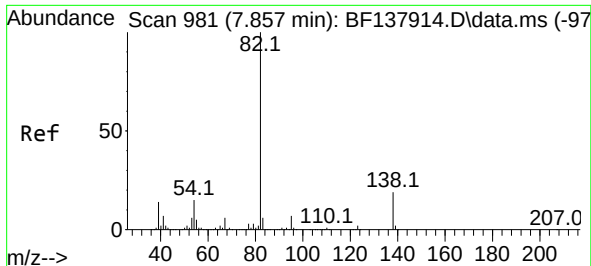
Ion Ratio Lower Upper

77 100

123 51.6 41.4 62.2

65 13.2 10.5 15.7

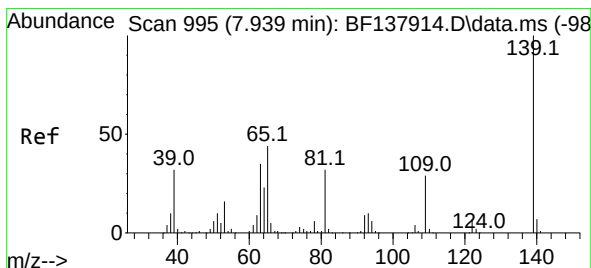
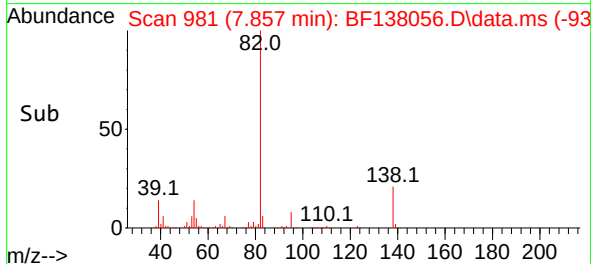
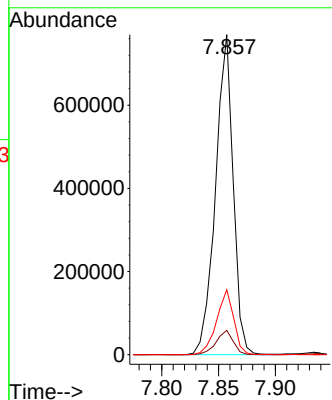
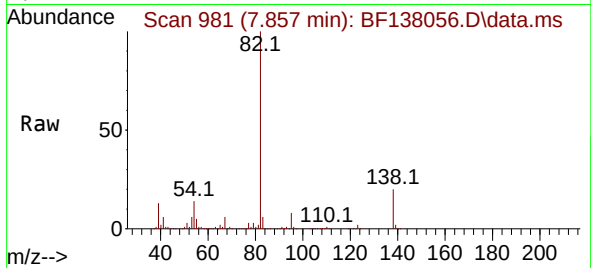




#25
Isophorone
Concen: 45.857 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

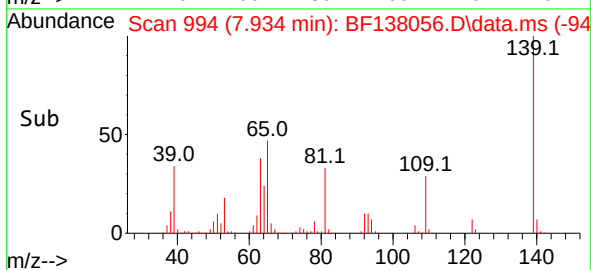
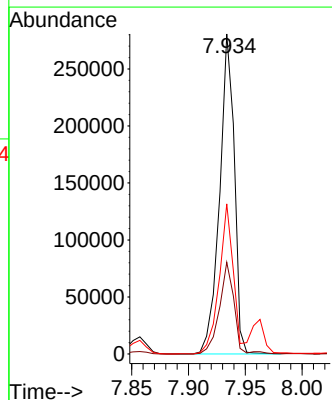
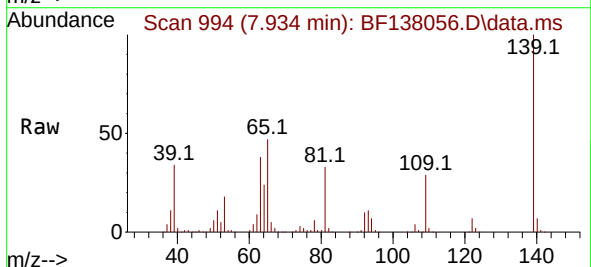
Instrument :
BNA_F
ClientSampleId :
PB161170BS

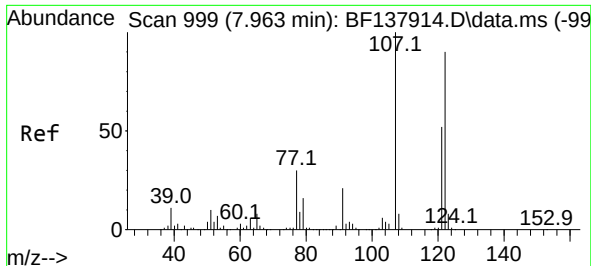
Tgt Ion: 82 Resp: 833966
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.3 15.0 22.4



#26
2-Nitrophenol
Concen: 47.541 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion: 139 Resp: 253931
Ion Ratio Lower Upper
139 100
109 28.6 22.8 34.2
65 46.9 35.2 52.8

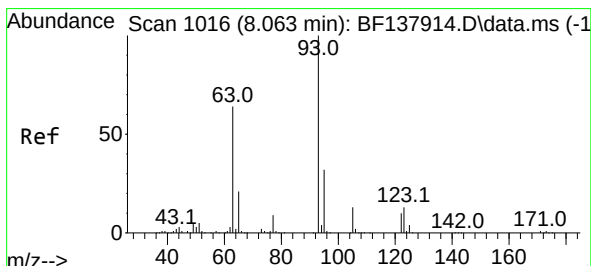
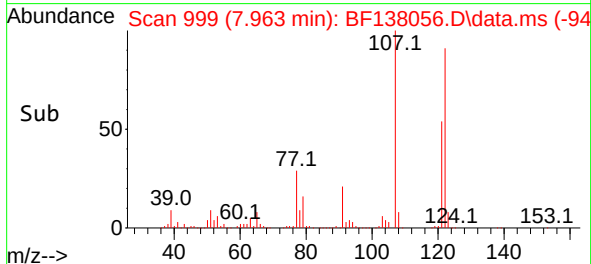
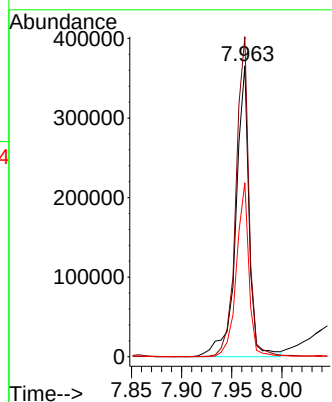
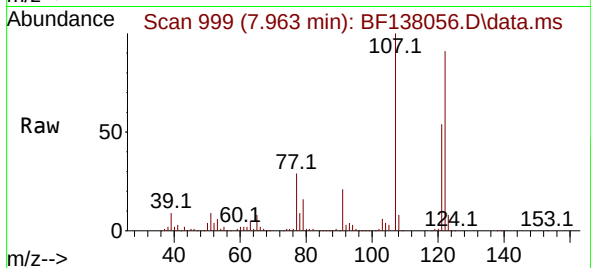




#27
2,4-Dimethylphenol
Concen: 49.017 ng
RT: 7.963 min Scan# 999
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

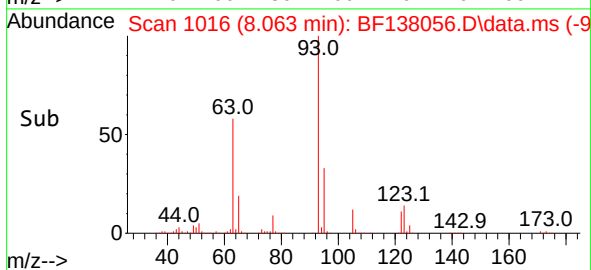
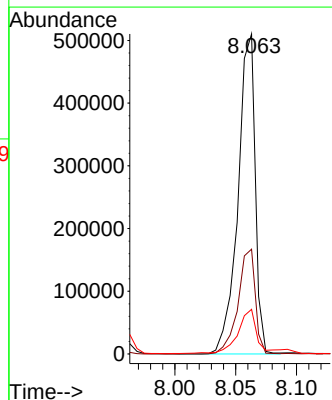
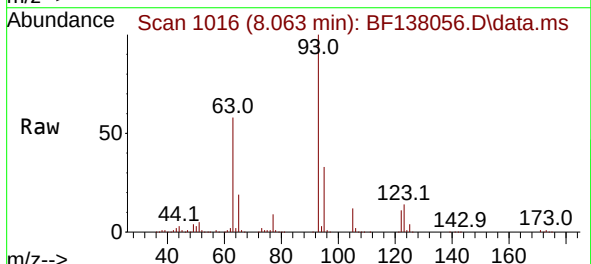
Instrument :
BNA_F
ClientSampleId :
PB161170BS

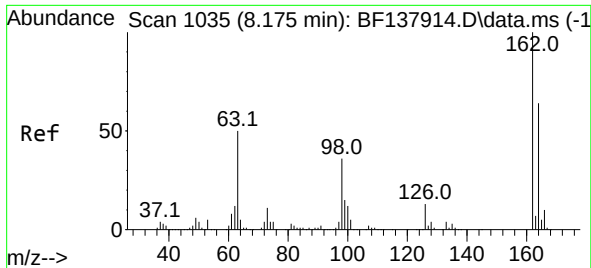
Tgt Ion:122 Resp: 337079
Ion Ratio Lower Upper
122 100
107 110.0 89.0 133.4
121 59.8 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.727 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion: 93 Resp: 504015
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 14.0 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 46.502 ng

RT: 8.175 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

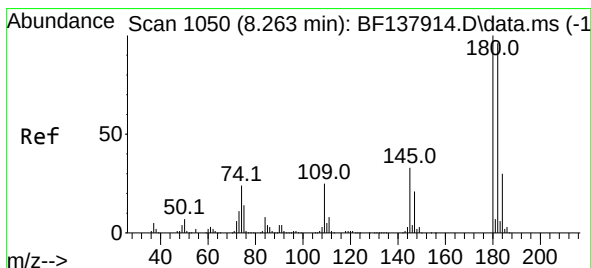
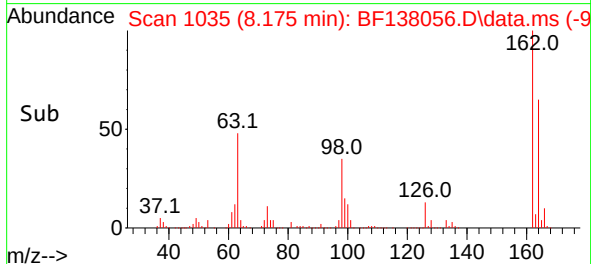
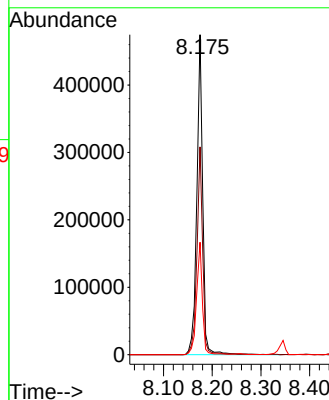
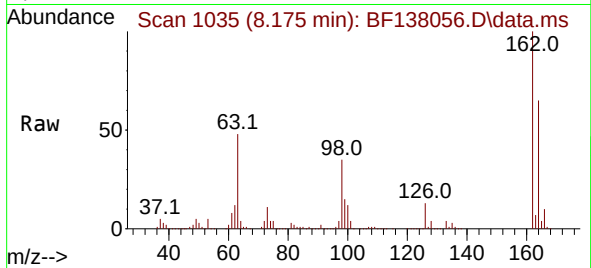
Tgt Ion:162 Resp: 402127

Ion Ratio Lower Upper

162 100

164 65.0 44.3 84.3

98 35.2 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 44.542 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

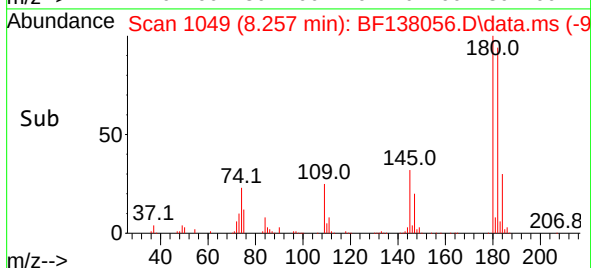
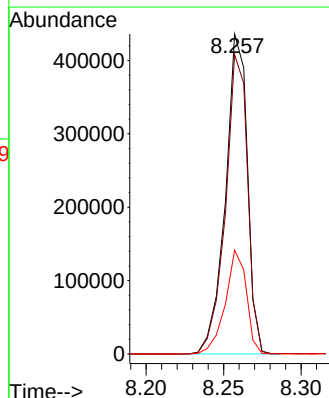
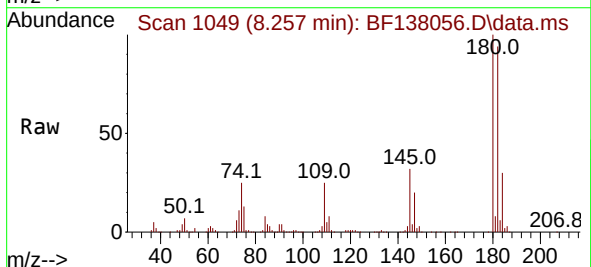
Tgt Ion:180 Resp: 430062

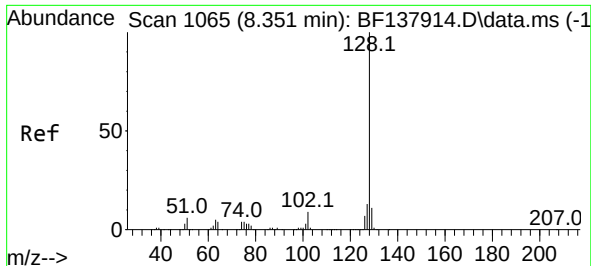
Ion Ratio Lower Upper

180 100

182 93.5 76.5 114.7

145 32.5 26.2 39.2

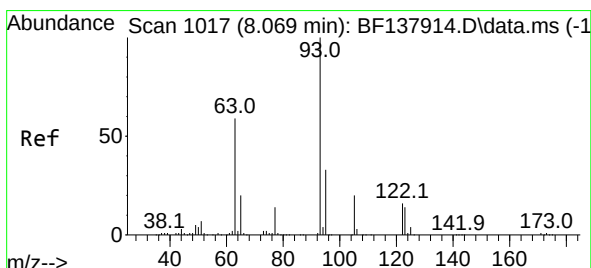
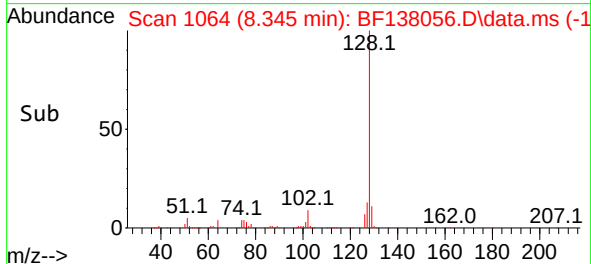
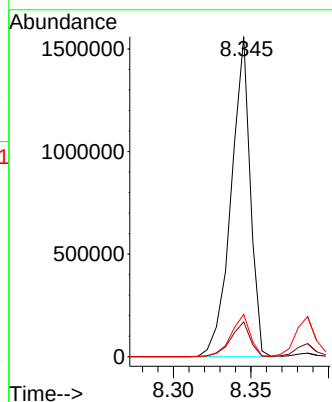
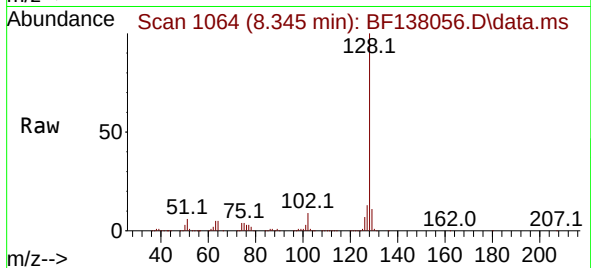




#31
Naphthalene
Concen: 43.191 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

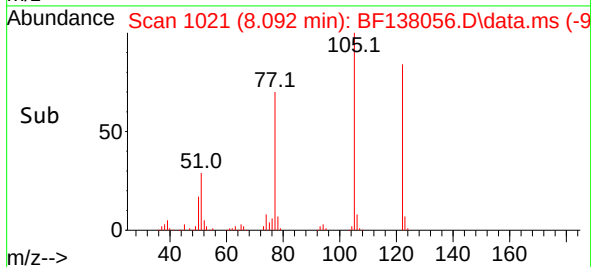
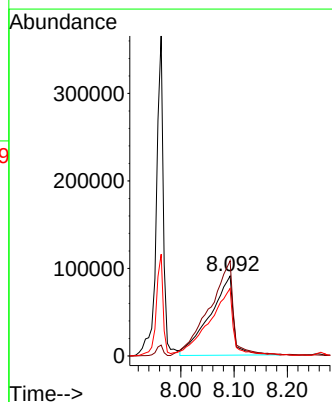
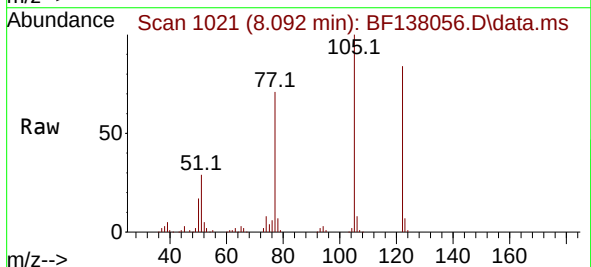
Instrument :
BNA_F
ClientSampleId :
PB161170BS

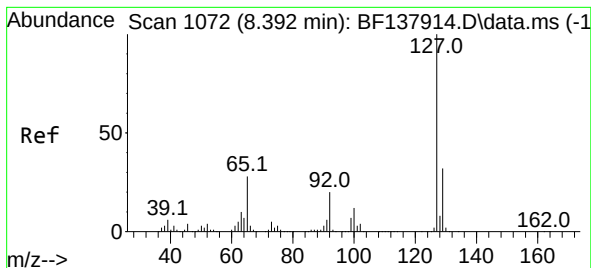
Tgt Ion:128 Resp: 1339198
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 48.066 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.023 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:122 Resp: 279417
Ion Ratio Lower Upper
122 100
105 119.0 103.8 143.8
77 84.4 68.4 108.4





#33

4-Chloroaniline

Concen: 19.734 ng

RT: 8.386 min Scan# 1071

Delta R.T. -0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

Tgt Ion:127 Resp: 200587

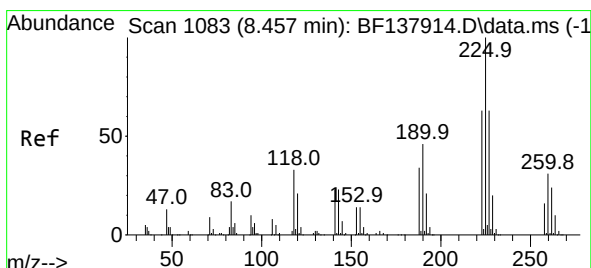
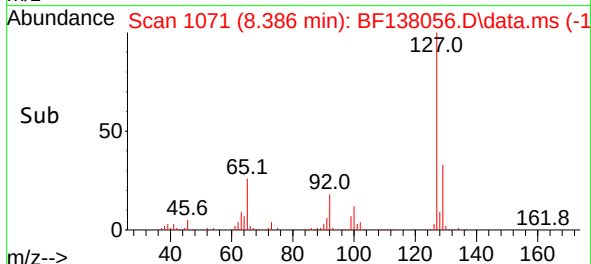
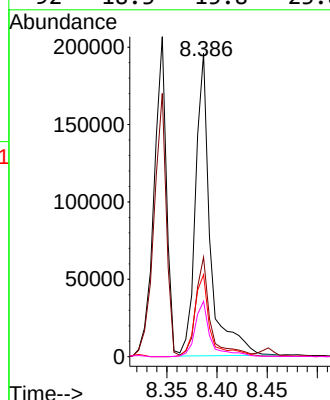
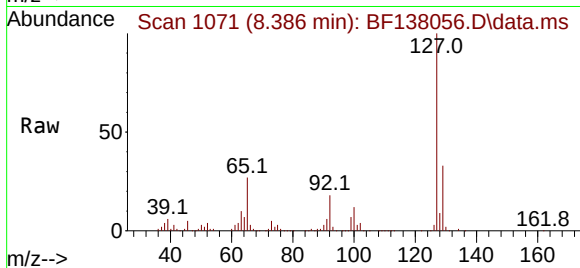
Ion Ratio Lower Upper

127 100

129 32.8 25.4 38.2

65 27.1 22.0 33.0

92 18.3 15.8 23.8



#34

Hexachlorobutadiene

Concen: 43.125 ng

RT: 8.451 min Scan# 1082

Delta R.T. -0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

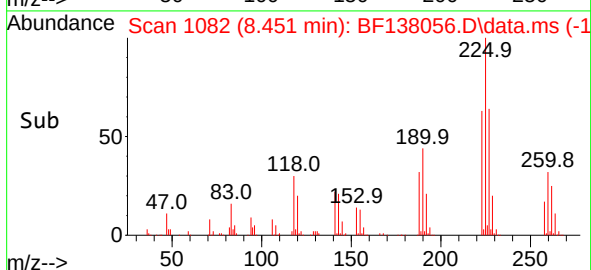
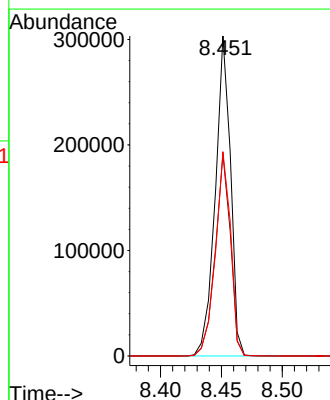
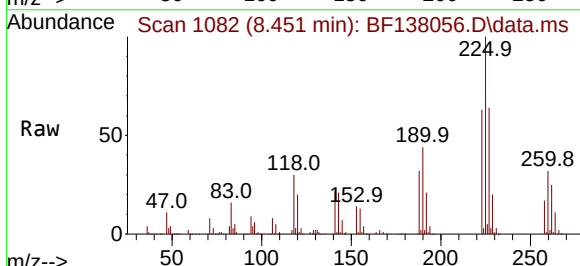
Tgt Ion:225 Resp: 263550

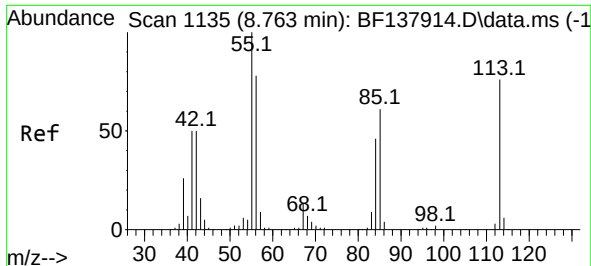
Ion Ratio Lower Upper

225 100

223 63.0 50.0 75.0

227 63.8 50.2 75.4

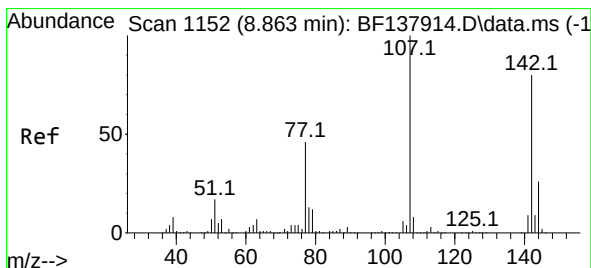
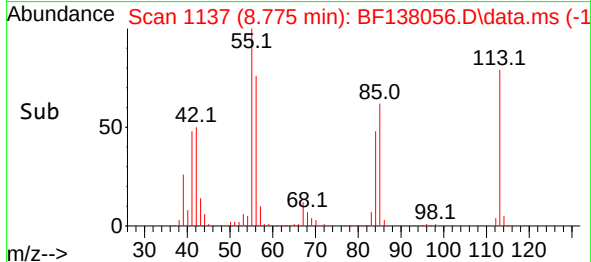
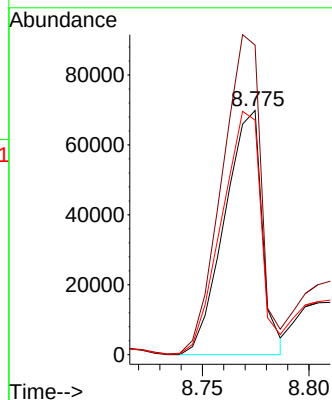
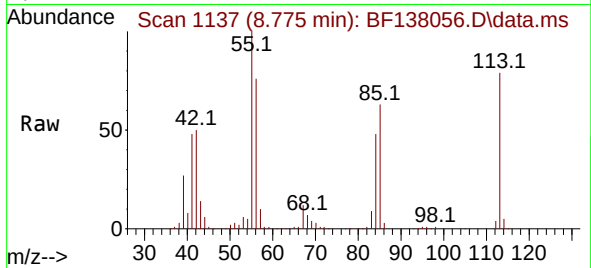




#35
 Caprolactam
 Concen: 34.273 ng
 RT: 8.775 min Scan# 1135
 Delta R.T. 0.012 min
 Lab File: BF138056.D
 Acq: 29 May 2024 13:40

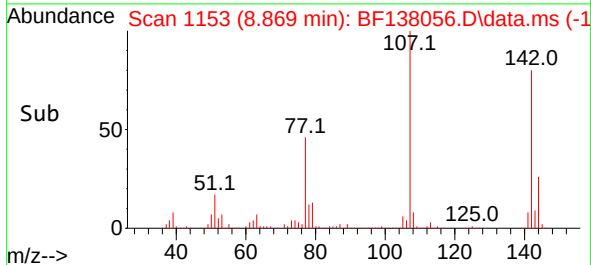
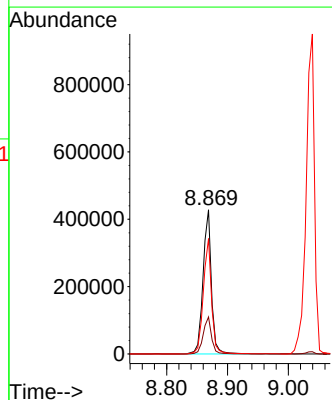
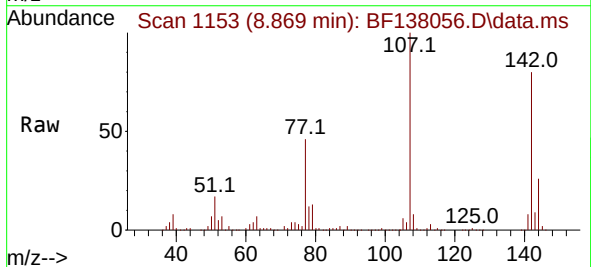
Instrument :
 BNA_F
 ClientSampleId :
 PB161170BS

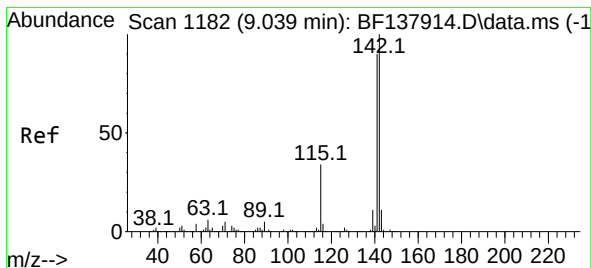
Tgt Ion:113 Resp: 85866
 Ion Ratio Lower Upper
 113 100
 55 126.8 112.3 152.3
 56 96.0 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 46.456 ng
 RT: 8.869 min Scan# 1153
 Delta R.T. 0.006 min
 Lab File: BF138056.D
 Acq: 29 May 2024 13:40

Tgt Ion:107 Resp: 408668
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.7 31.1
 142 80.0 64.0 96.0





#37

2-Methylnaphthalene

Concen: 45.096 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

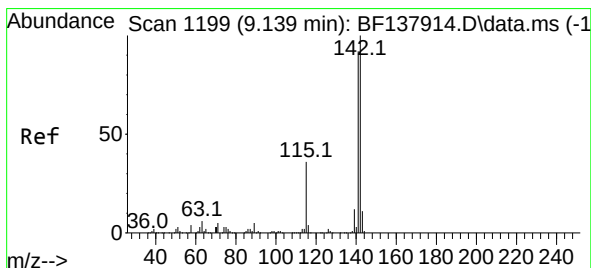
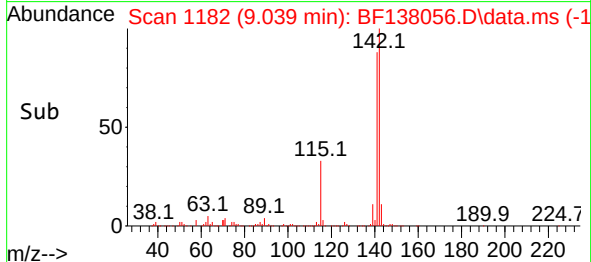
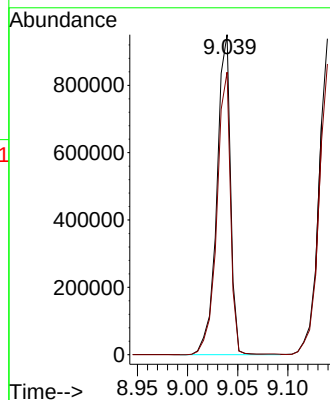
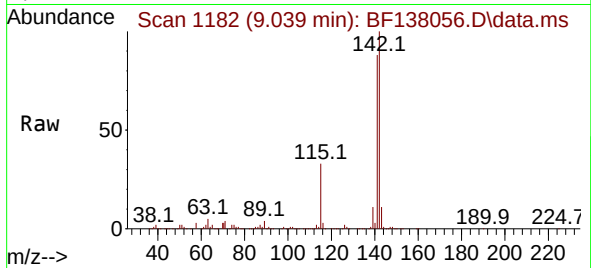
PB161170BS

Tgt Ion:142 Resp: 898788

Ion Ratio Lower Upper

142 100

141 88.3 72.0 108.0



#38

1-Methylnaphthalene

Concen: 42.101 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF138056.D

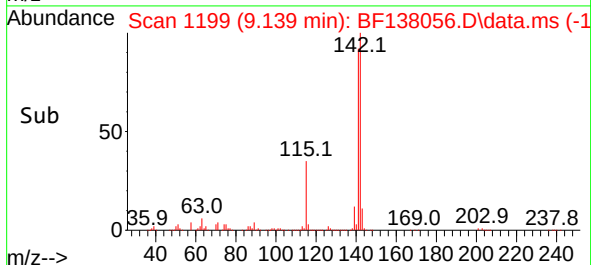
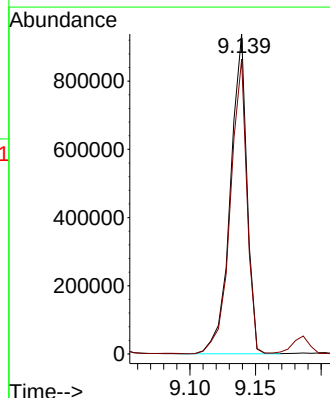
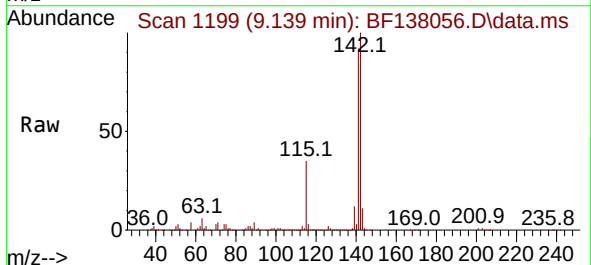
Acq: 29 May 2024 13:40

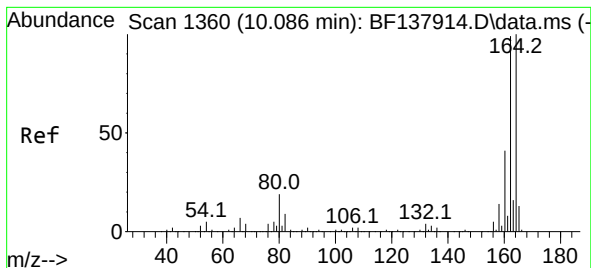
Tgt Ion:142 Resp: 824932

Ion Ratio Lower Upper

142 100

141 92.0 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

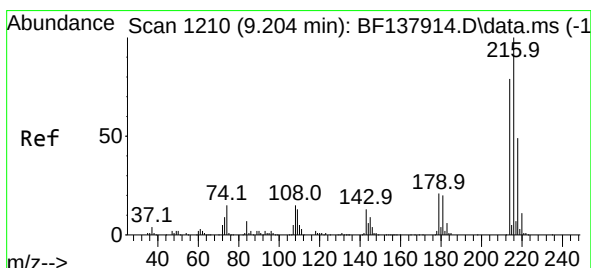
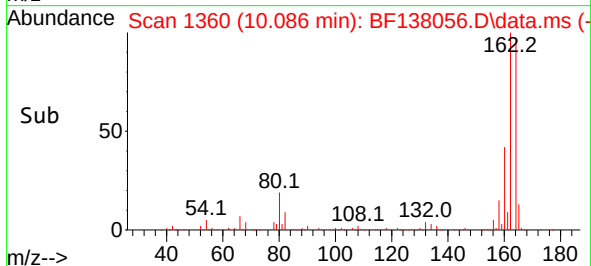
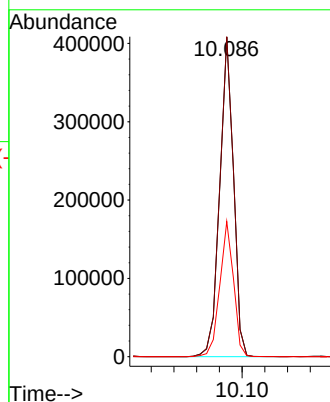
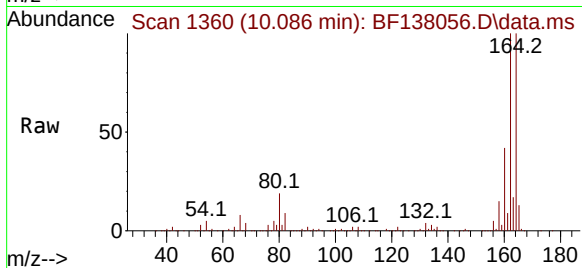
Tgt Ion:164 Resp: 343980

Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.2

160 42.3 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.237 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Tgt Ion:216 Resp: 432389

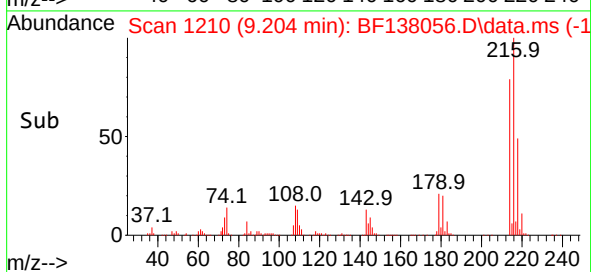
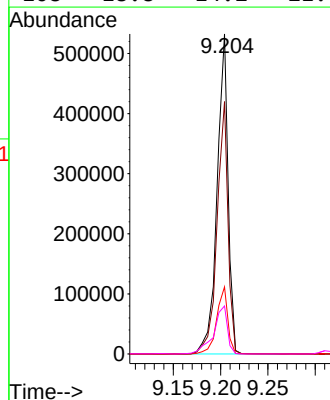
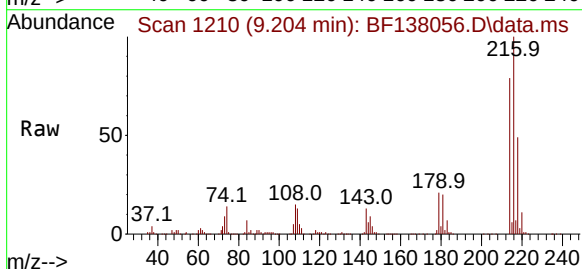
Ion Ratio Lower Upper

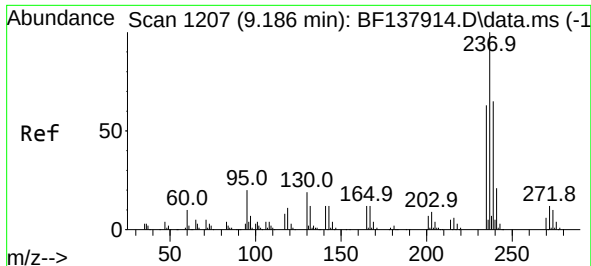
216 100

214 78.4 63.4 95.2

179 21.0 17.0 25.4

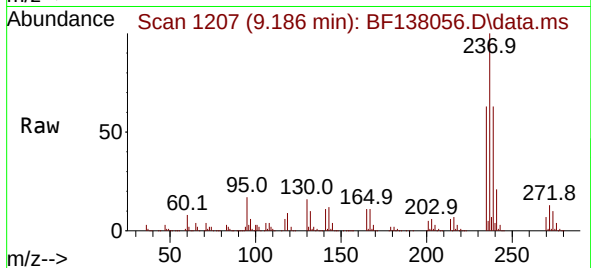
108 18.8 14.2 21.4



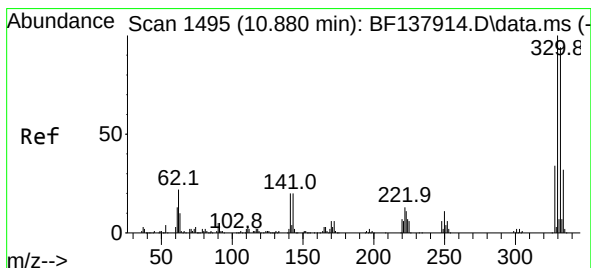
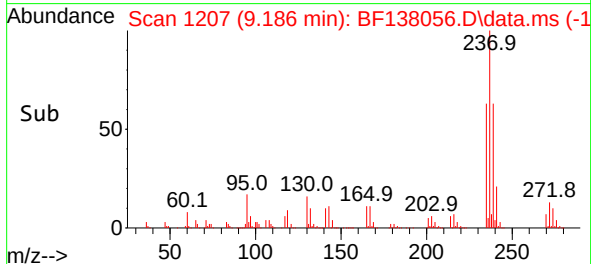
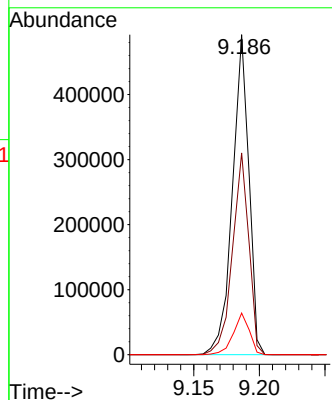


#41
Hexachlorocyclopentadiene
Concen: 120.620 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB161170BS

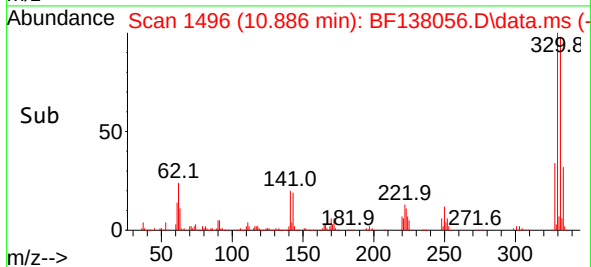
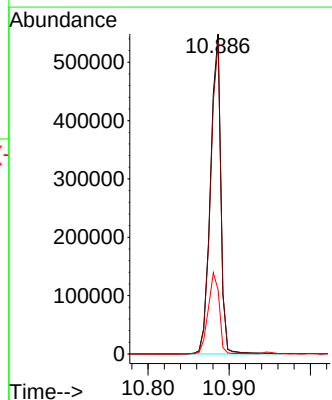
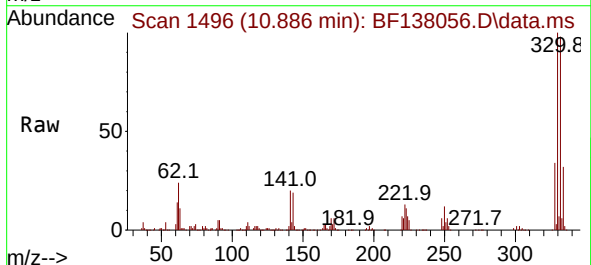


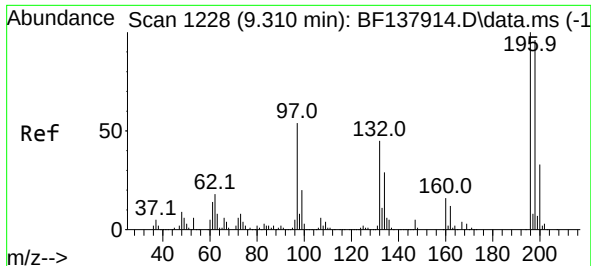
Tgt Ion:237 Resp: 428604
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 13.0 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 139.486 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:330 Resp: 483786
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.8
141 27.2 23.8 35.6

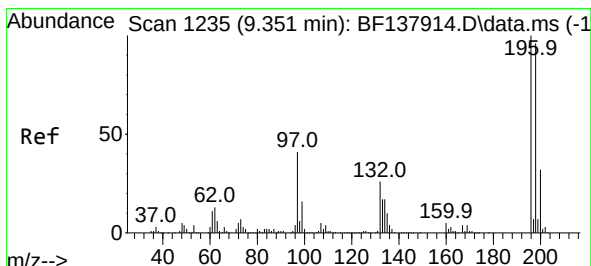
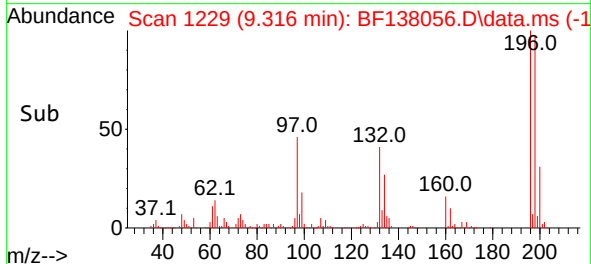
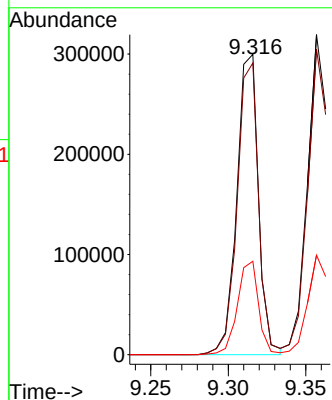
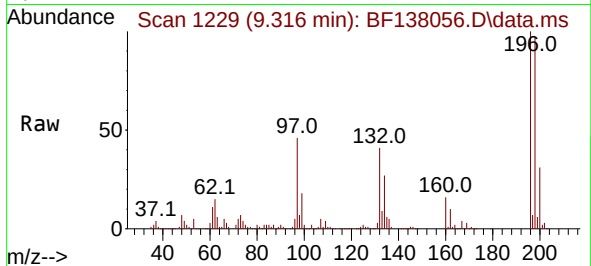




#43
 2,4,6-Trichlorophenol
 Concen: 47.490 ng
 RT: 9.316 min Scan# 1228
 Delta R.T. 0.006 min
 Lab File: BF138056.D
 Acq: 29 May 2024 13:40

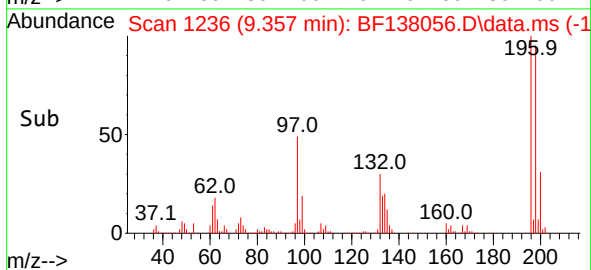
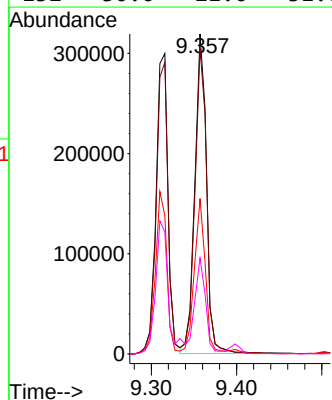
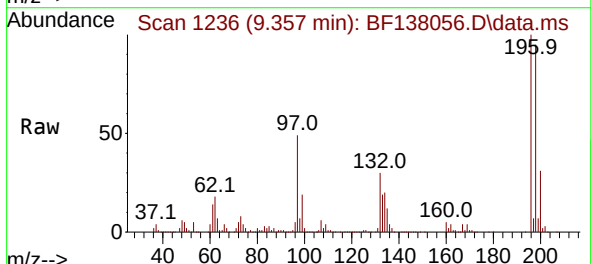
Instrument :
 BNA_F
 ClientSampleId :
 PB161170BS

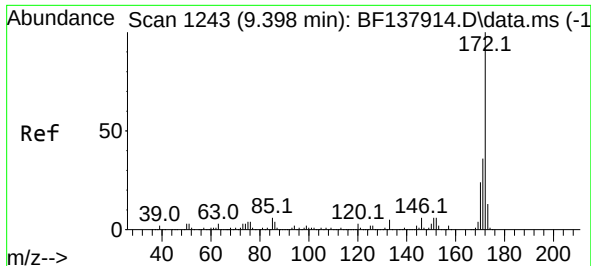
Tgt Ion:196 Resp: 291185
 Ion Ratio Lower Upper
 196 100
 198 97.1 77.0 115.4
 200 31.1 26.2 39.2



#44
 2,4,5-Trichlorophenol
 Concen: 45.339 ng
 RT: 9.357 min Scan# 1236
 Delta R.T. 0.006 min
 Lab File: BF138056.D
 Acq: 29 May 2024 13:40

Tgt Ion:196 Resp: 304176
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.4 116.0
 97 48.6 32.9 49.3
 132 30.0 21.0 31.6

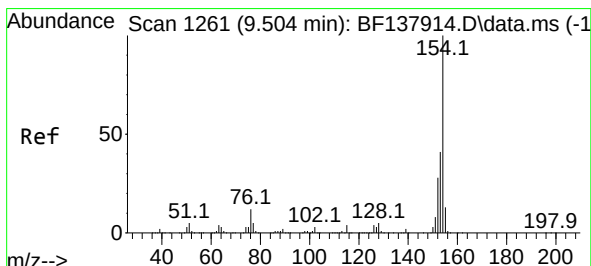
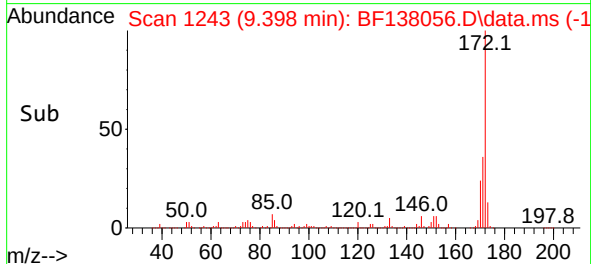
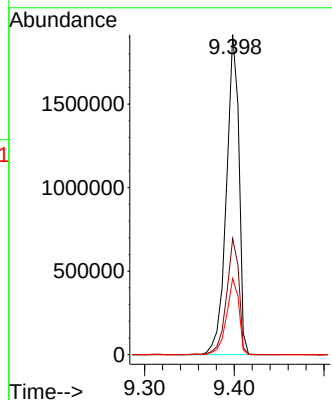
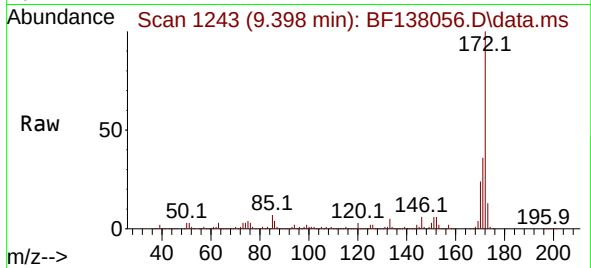




#45
2-Fluorobiphenyl
Concen: 83.448 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

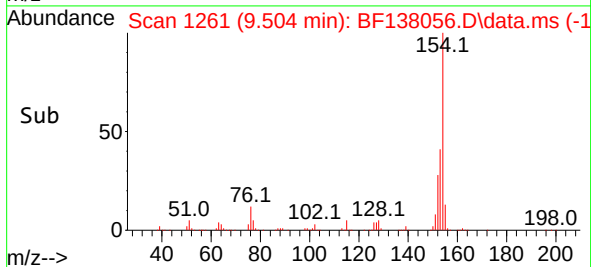
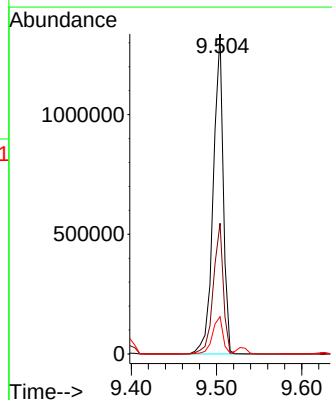
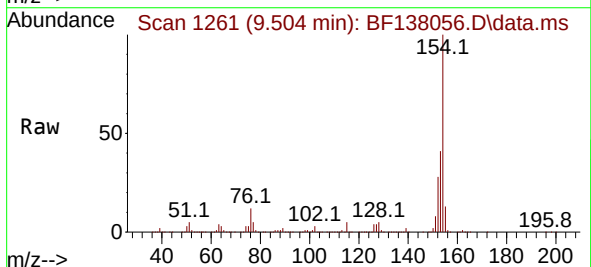
Instrument :
BNA_F
ClientSampleId :
PB161170BS

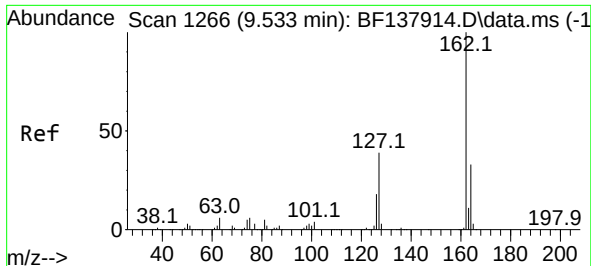
Tgt Ion:172 Resp: 1863466
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.249 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:154 Resp: 1091683
Ion Ratio Lower Upper
154 100
153 40.8 21.3 61.3
76 11.7 0.0 31.9

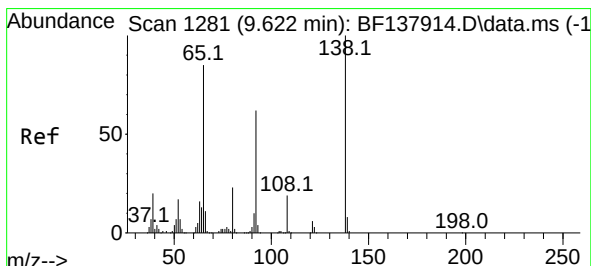
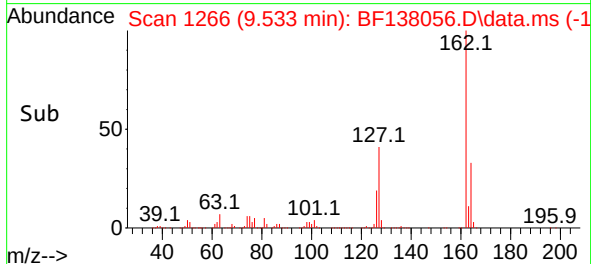
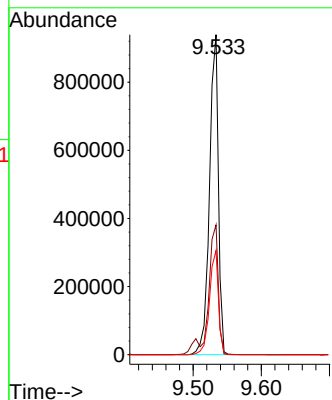
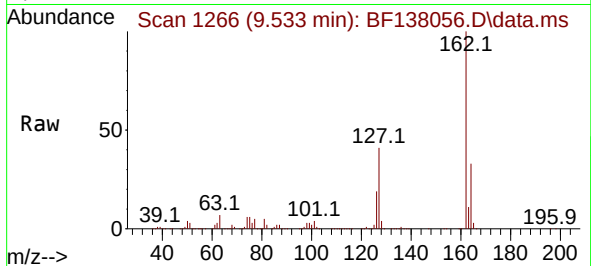




#47
2-Chloronaphthalene
Concen: 44.340 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

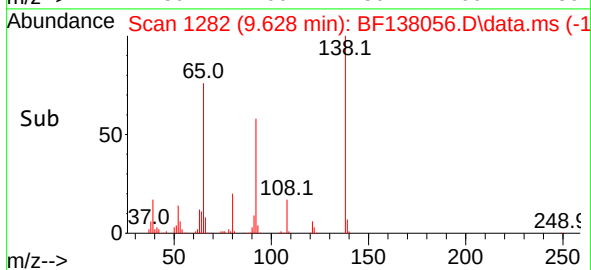
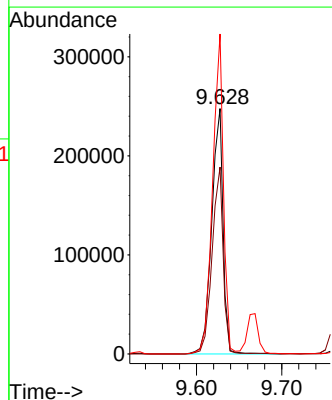
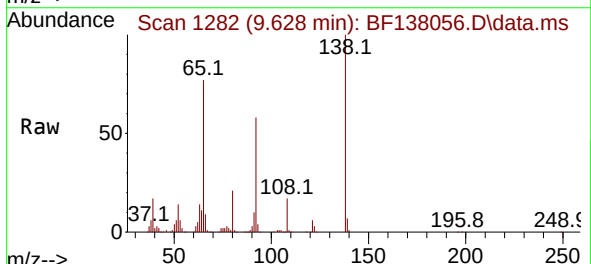
Instrument :
BNA_F
ClientSampleId :
PB161170BS

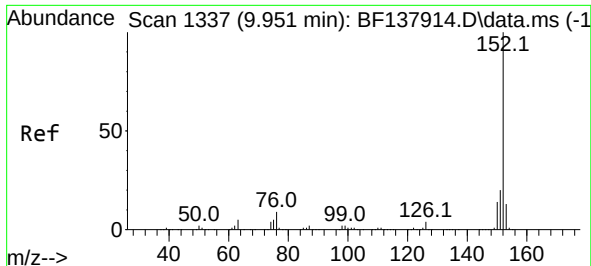
Tgt Ion:162 Resp: 853956
Ion Ratio Lower Upper
162 100
127 40.5 32.0 48.0
164 32.5 26.2 39.4



#48
2-Nitroaniline
Concen: 46.506 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion: 65 Resp: 229359
Ion Ratio Lower Upper
65 100
92 76.2 58.6 88.0
138 130.4 94.1 141.1





#49

Acenaphthylene

Concen: 48.305 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

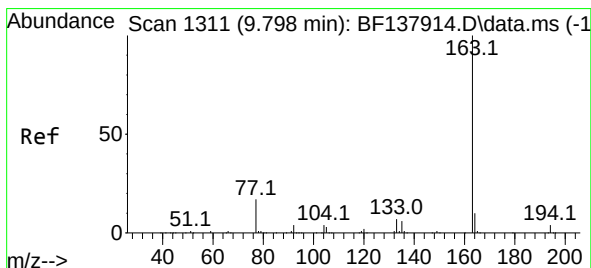
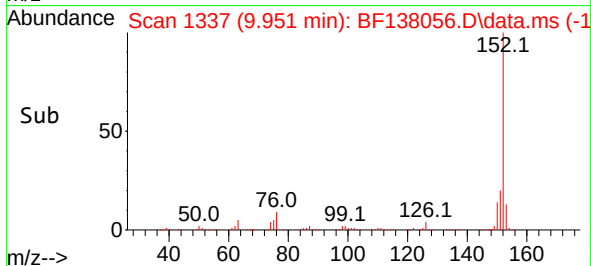
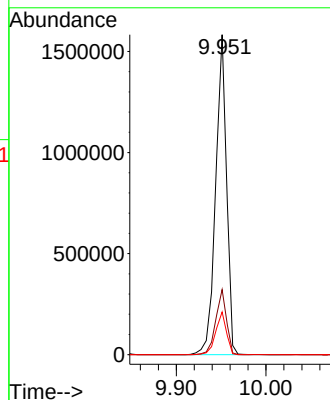
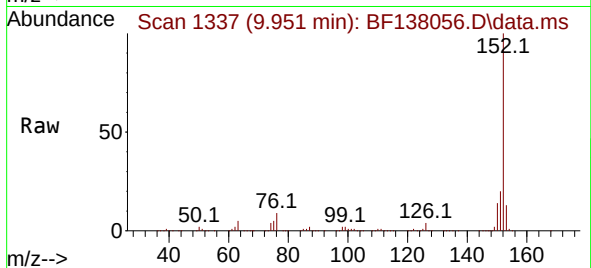
Tgt Ion:152 Resp: 1337688

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.4 10.2 15.4



#50

Dimethylphthalate

Concen: 47.471 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

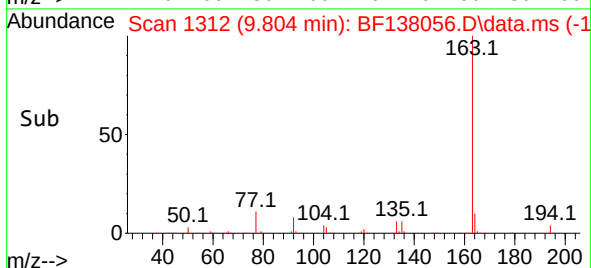
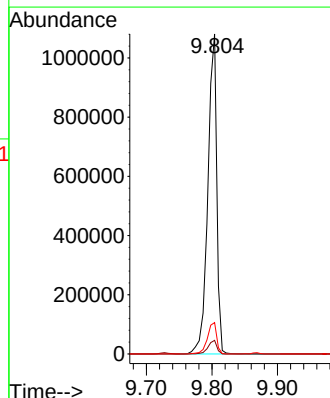
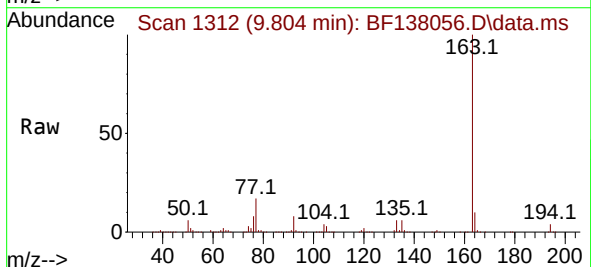
Tgt Ion:163 Resp: 1023964

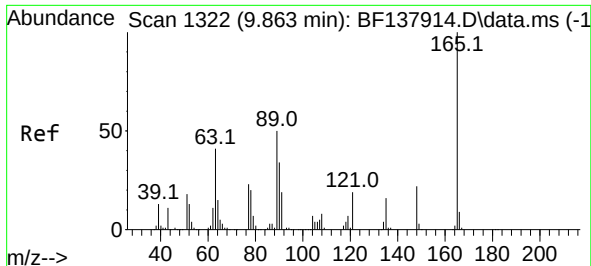
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.8 8.0 12.0

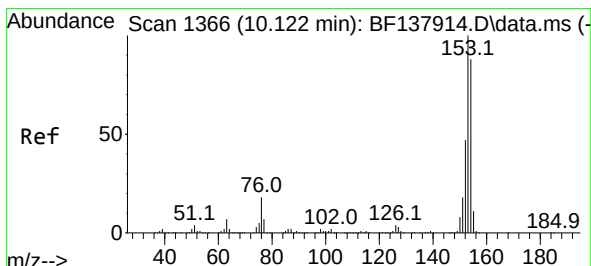
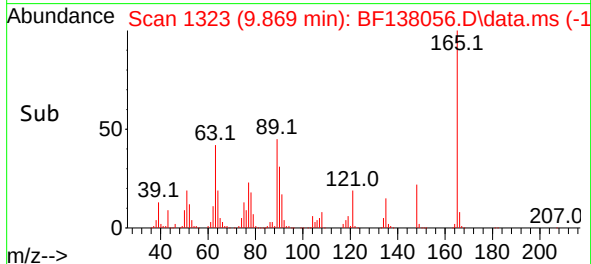
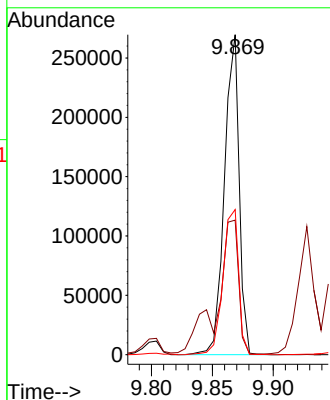
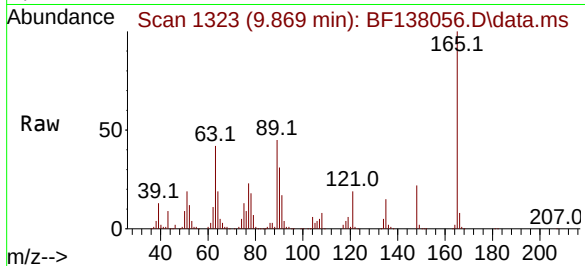




#51
2,6-Dinitrotoluene
Concen: 45.684 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

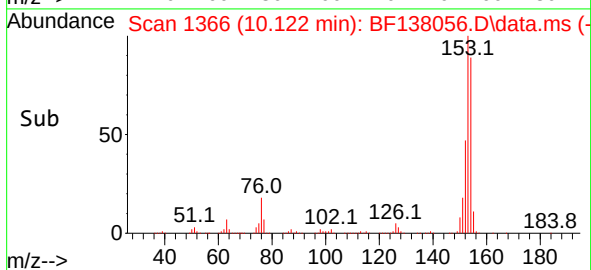
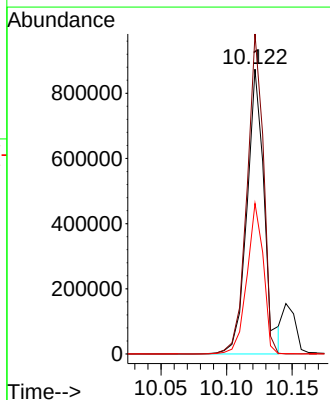
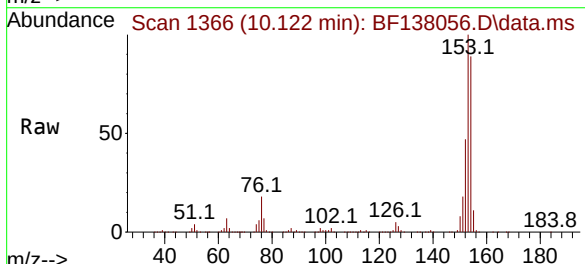
Instrument :
BNA_F
ClientSampleId :
PB161170BS

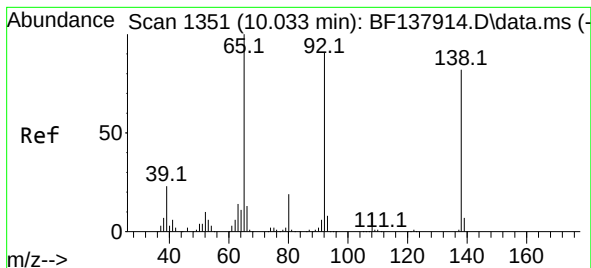
Tgt Ion:165 Resp: 226164
Ion Ratio Lower Upper
165 100
63 42.1 38.9 58.3
89 45.4 40.4 60.6



#52
Acenaphthene
Concen: 43.479 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:154 Resp: 795787
Ion Ratio Lower Upper
154 100
153 112.4 90.4 135.6
152 52.9 42.3 63.5

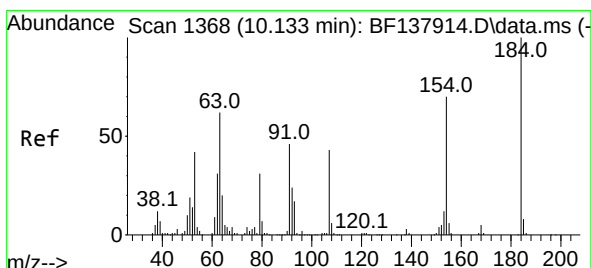
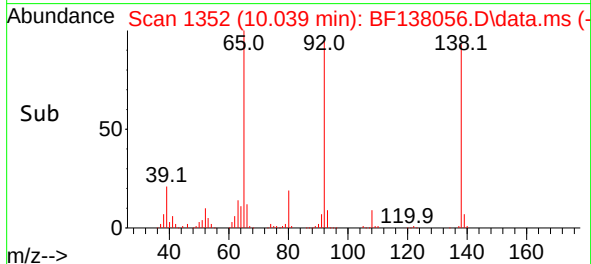
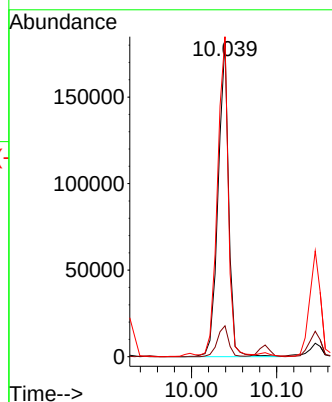
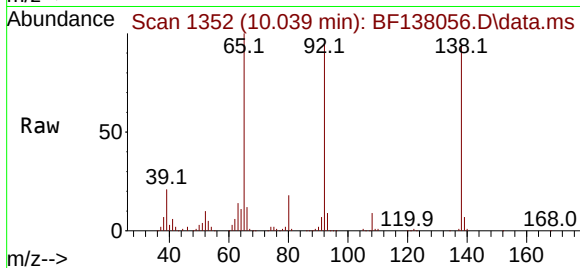




#53
3-Nitroaniline
Concen: 32.241 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

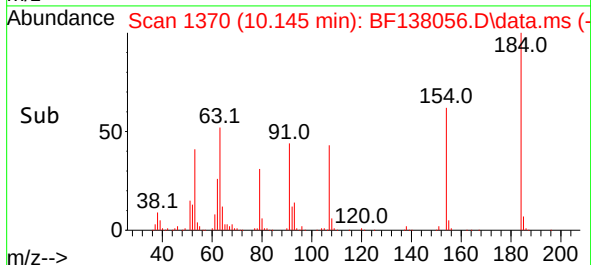
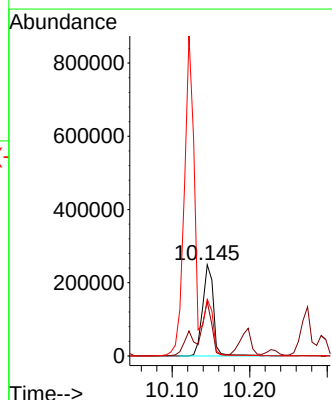
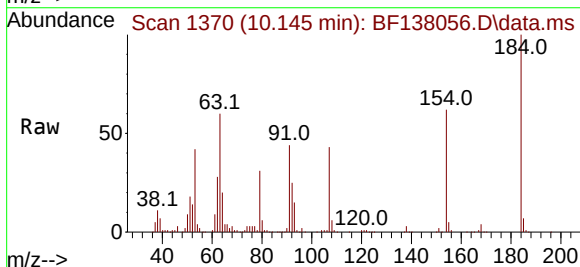
Instrument :
BNA_F
ClientSampleId :
PB161170BS

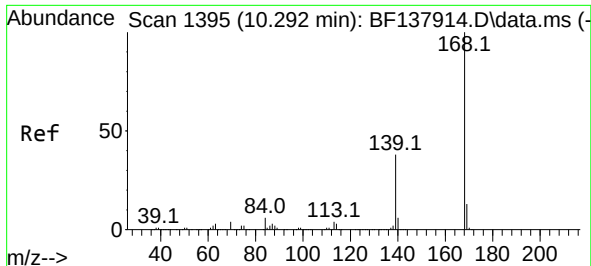
Tgt Ion:138 Resp: 156040
Ion Ratio Lower Upper
138 100
108 9.8 8.8 13.2
92 101.4 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 90.108 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:184 Resp: 243578
Ion Ratio Lower Upper
184 100
63 59.6 50.4 75.6
154 62.1 63.7 95.5#

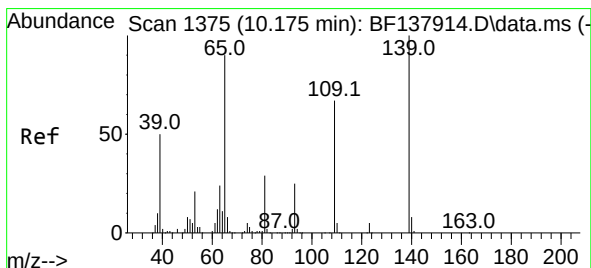
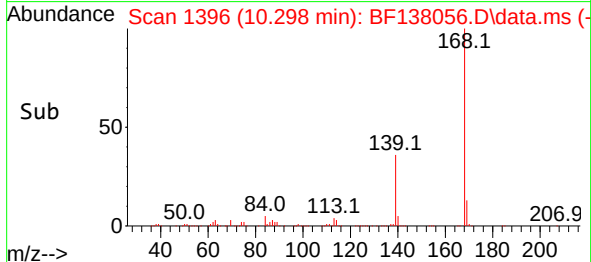
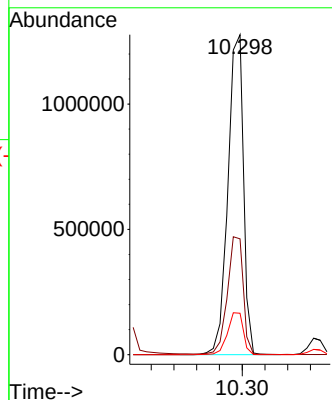
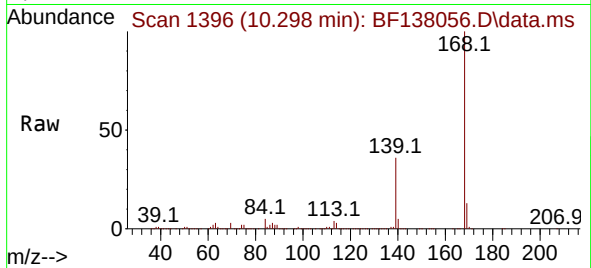




#55
Dibenzenofuran
Concen: 45.633 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

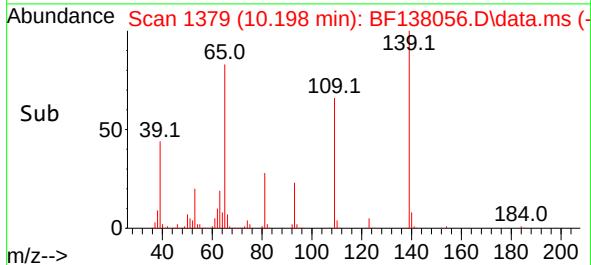
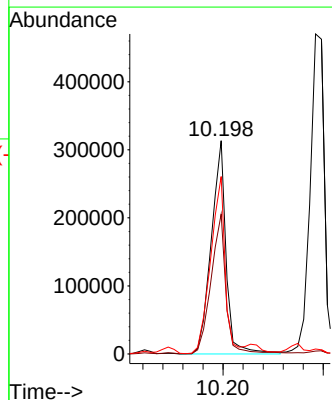
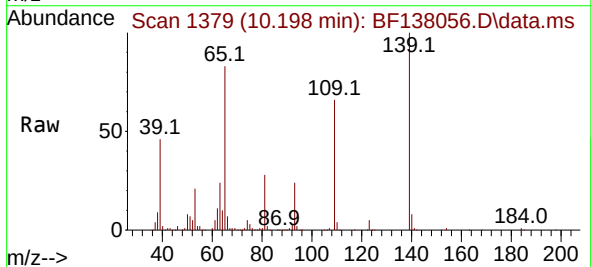
Instrument :
BNA_F
ClientSampleId :
PB161170BS

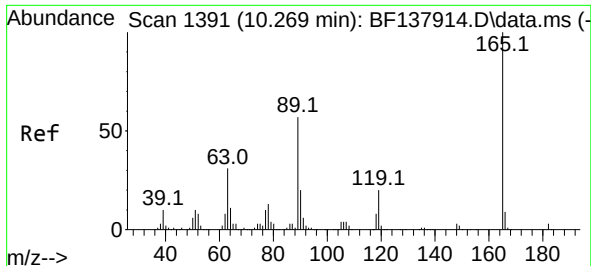
Tgt Ion:168 Resp: 1215518
Ion Ratio Lower Upper
168 100
139 36.2 30.4 45.6
169 12.9 10.5 15.7



#56
4-Nitrophenol
Concen: 92.903 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.024 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:139 Resp: 322939
Ion Ratio Lower Upper
139 100
109 65.6 46.5 86.5
65 83.2 70.4 110.4

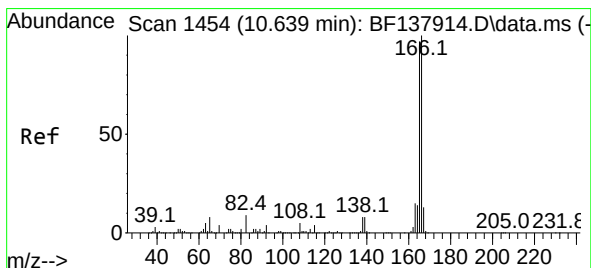
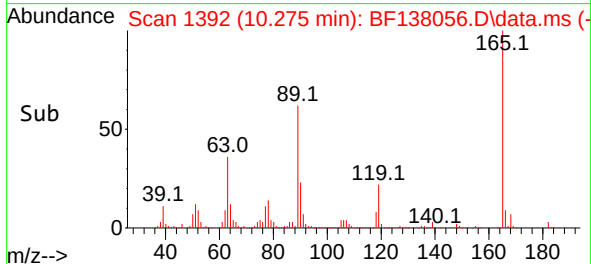
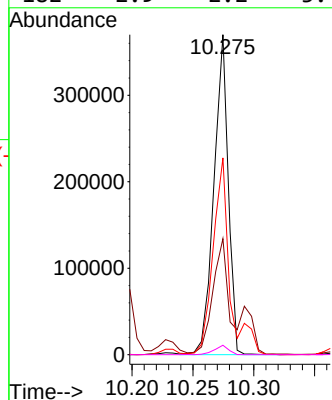
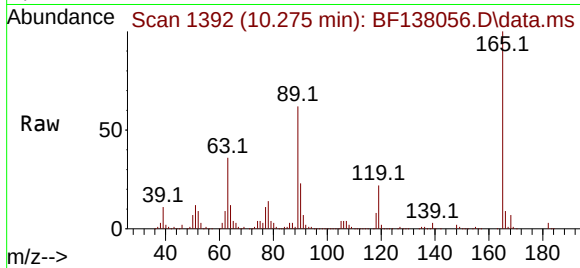




#57
2,4-Dinitrotoluene
Concen: 47.342 ng
RT: 10.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

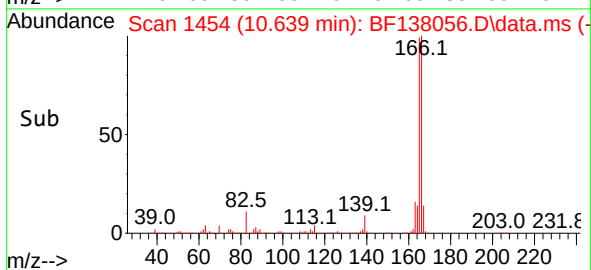
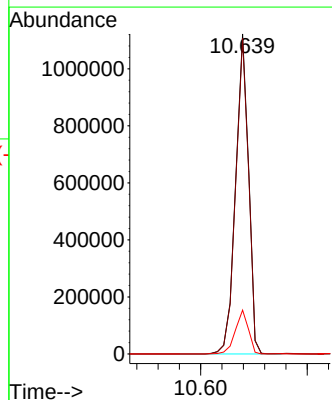
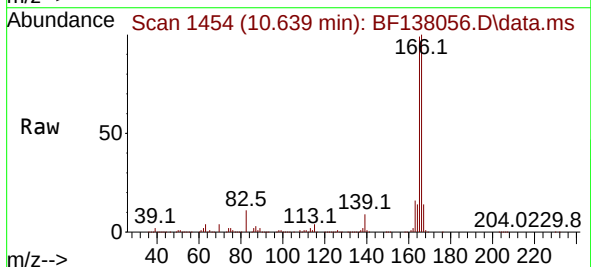
Instrument :
BNA_F
ClientSampleId :
PB161170BS

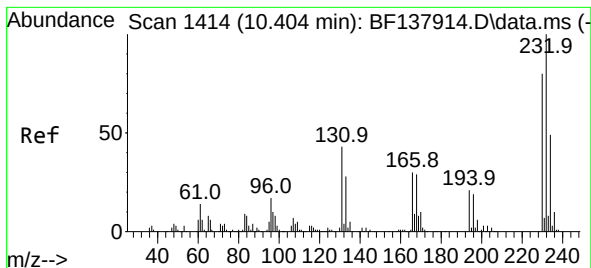
Tgt Ion:165 Resp: 302994
Ion Ratio Lower Upper
165 100
63 36.2 25.3 37.9
89 61.5 45.9 68.9
182 2.9 2.2 3.4



#58
Fluorene
Concen: 45.078 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:166 Resp: 949748
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.8
167 13.7 10.4 15.6

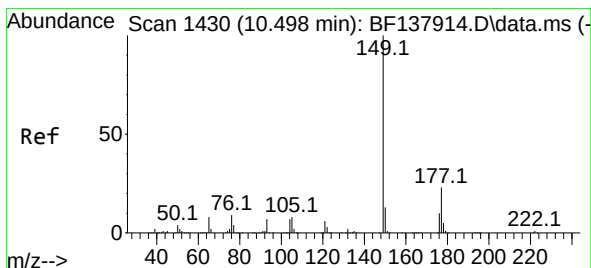
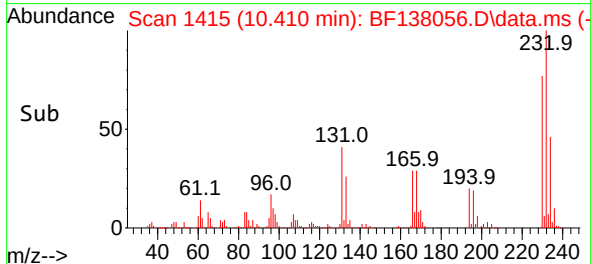
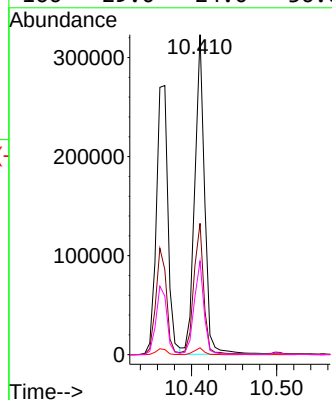
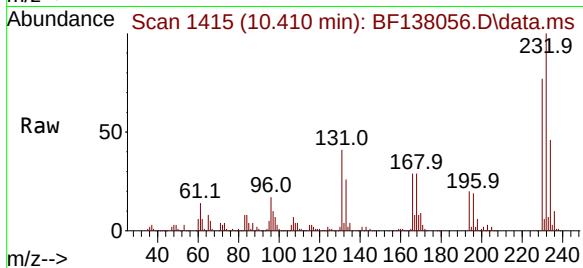




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.318 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

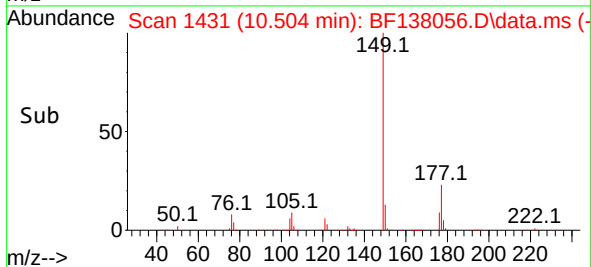
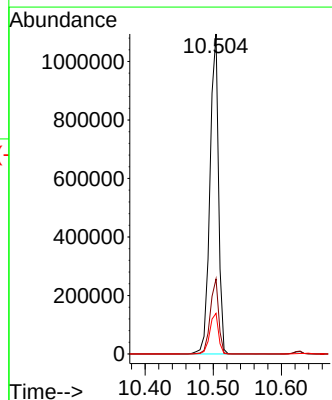
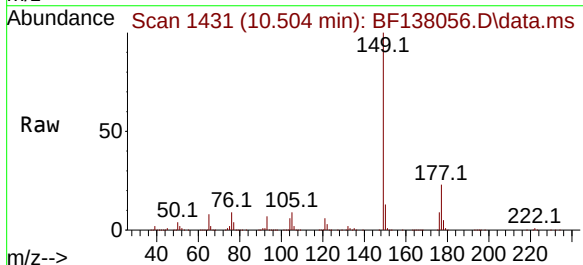
Instrument :
BNA_F
ClientSampleId :
PB161170BS

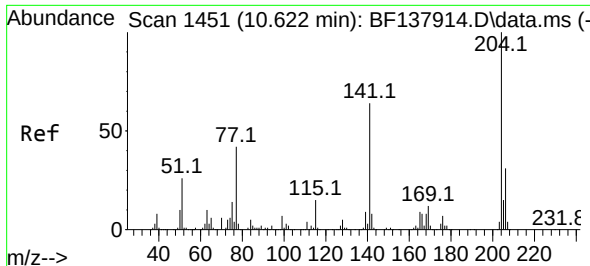
Tgt Ion:232 Resp: 259927
Ion Ratio Lower Upper
232 100
131 41.2 34.4 51.6
130 2.1 1.7 2.5
166 29.0 24.0 36.0



#60
Diethylphthalate
Concen: 47.444 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:149 Resp: 955763
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 12.7 10.1 15.1

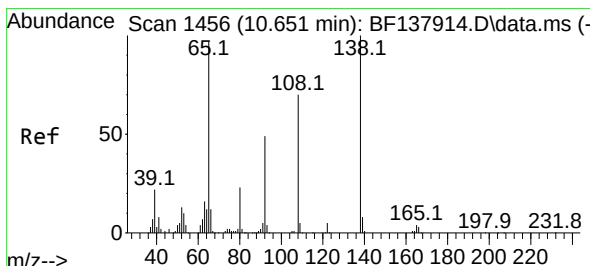
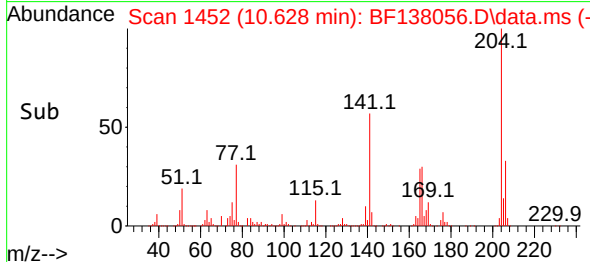
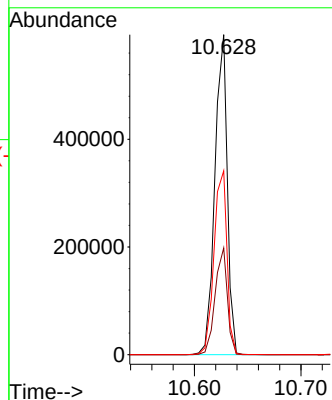
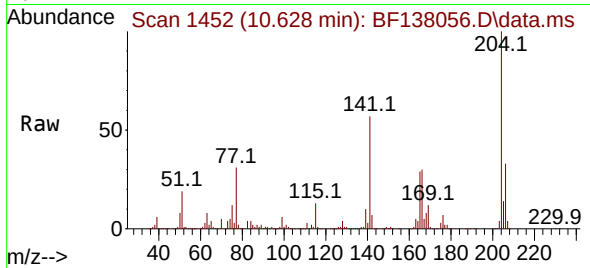




#61
4-Chlorophenyl-phenylether
Concen: 46.157 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

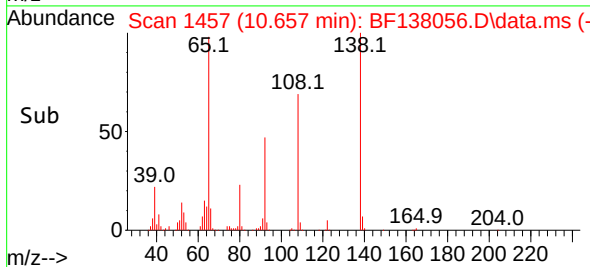
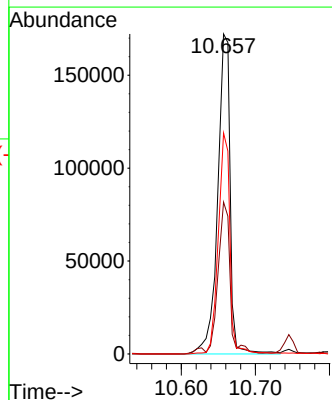
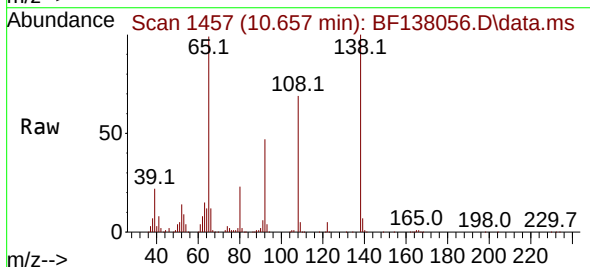
Instrument :
BNA_F
ClientSampleId :
PB161170BS

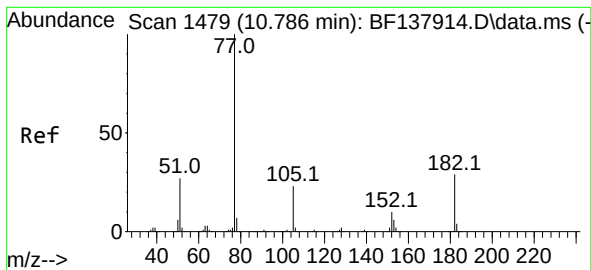
Tgt Ion:204 Resp: 479574
Ion Ratio Lower Upper
204 100
206 33.3 25.1 37.7
141 57.5 51.0 76.6



#62
4-Nitroaniline
Concen: 43.752 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:138 Resp: 200840
Ion Ratio Lower Upper
138 100
92 47.4 29.0 69.0
108 69.1 49.7 89.7





#63

Azobenzene

Concen: 46.070 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

Tgt Ion: 77 Resp: 844194

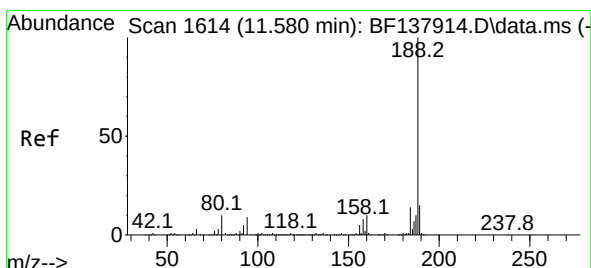
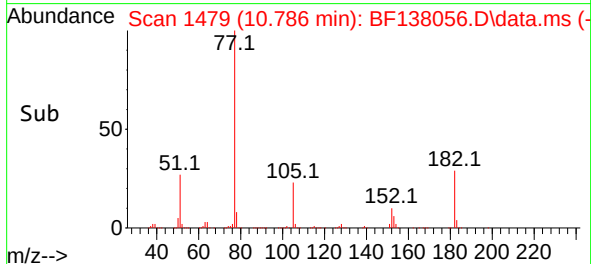
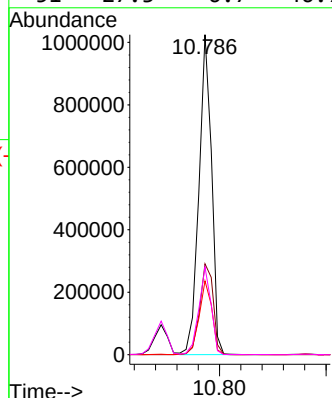
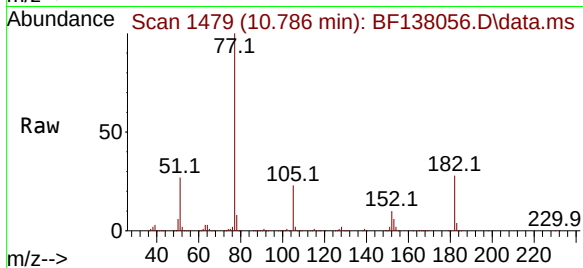
Ion Ratio Lower Upper

77 100

182 28.4 9.2 49.2

105 23.1 3.1 43.1

51 27.3 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

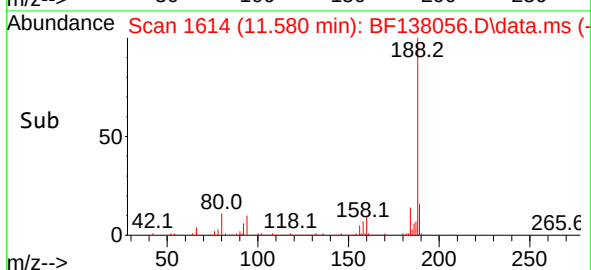
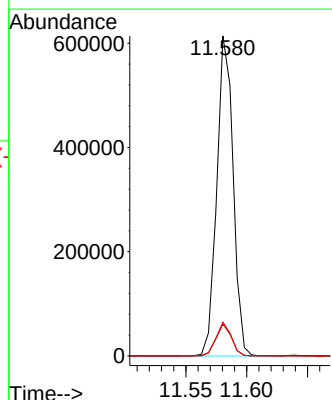
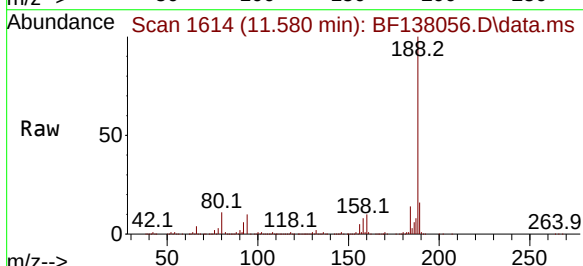
Tgt Ion: 188 Resp: 573616

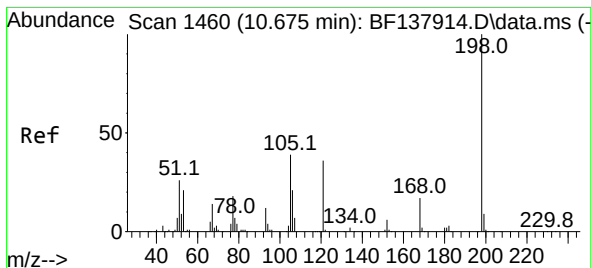
Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.6 7.7 11.5

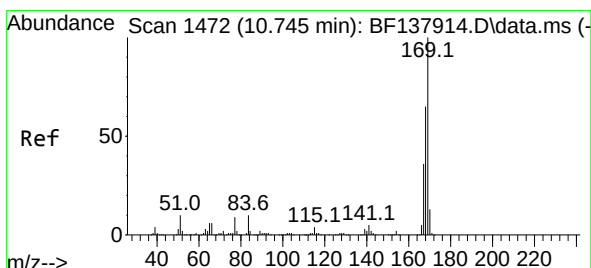
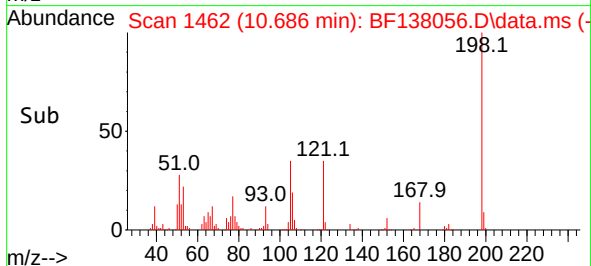
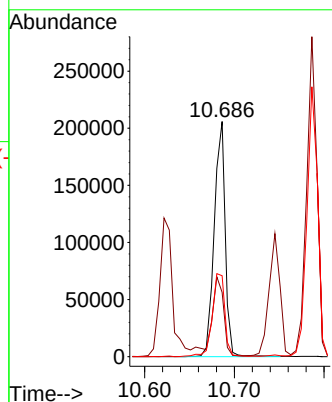
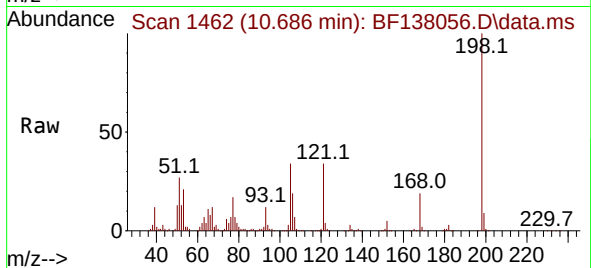




#65
4,6-Dinitro-2-methylphenol
Concen: 52.935 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.011 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

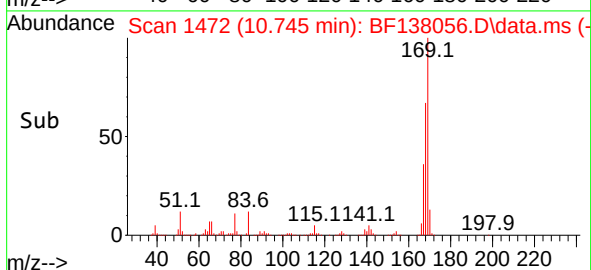
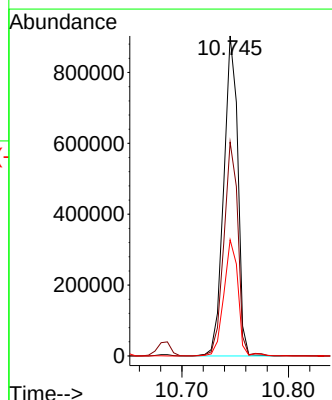
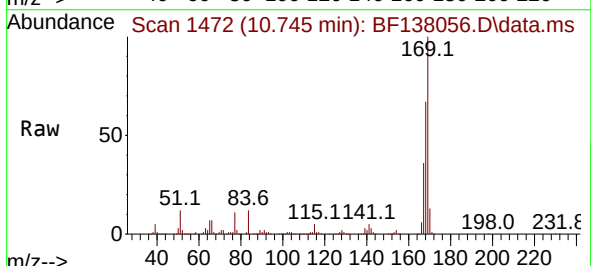
Instrument :
BNA_F
ClientSampleId :
PB161170BS

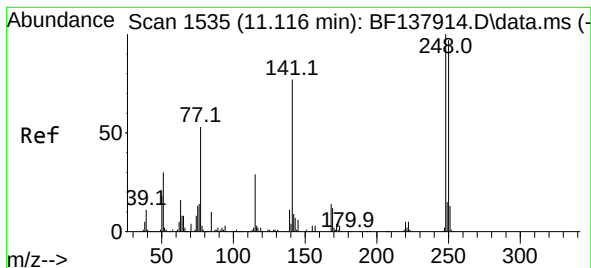
Tgt Ion:198 Resp: 175324
Ion Ratio Lower Upper
198 100
51 27.4 13.8 53.8
105 34.5 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 46.922 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:169 Resp: 825401
Ion Ratio Lower Upper
169 100
168 66.8 52.4 78.6
167 36.3 28.9 43.3

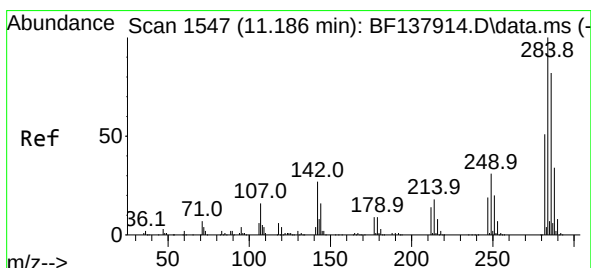
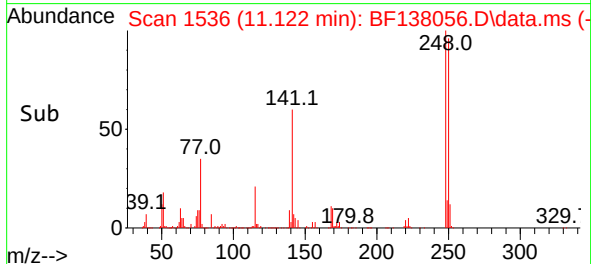
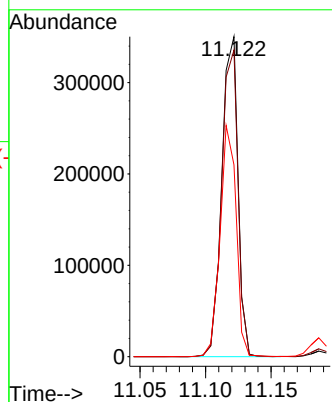
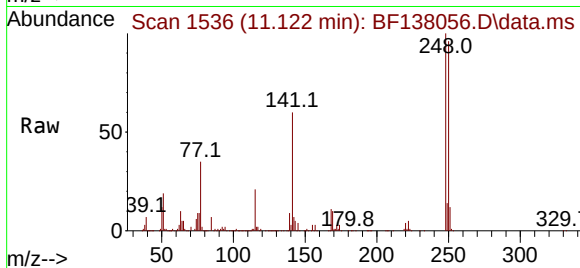




#67
4-Bromophenyl-phenylether
Concen: 47.749 ng
RT: 11.122 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

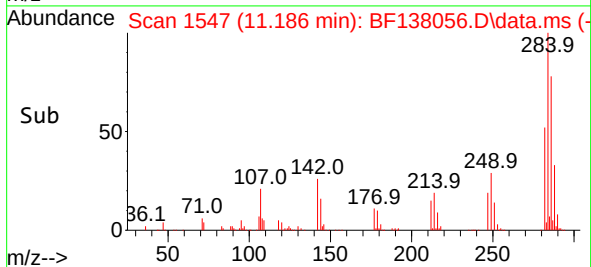
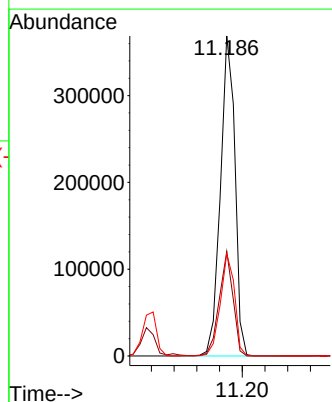
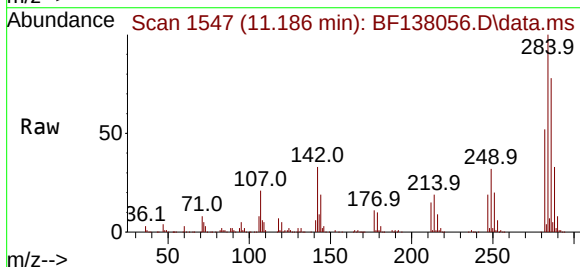
Instrument :
BNA_F
ClientSampleId :
PB161170BS

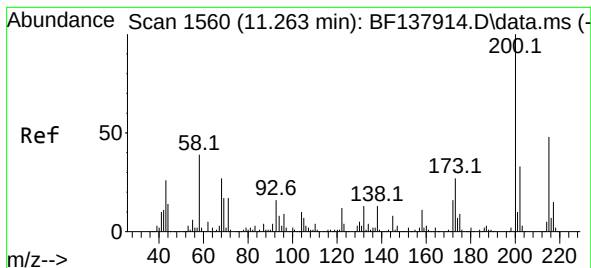
Tgt Ion:248 Resp: 300267
Ion Ratio Lower Upper
248 100
250 95.8 77.6 116.4
141 60.0 61.4 92.2#



#68
Hexachlorobenzene
Concen: 47.174 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:284 Resp: 327913
Ion Ratio Lower Upper
284 100
142 32.7 21.3 31.9#
249 32.0 24.6 37.0





#69

Atrazine

Concen: 58.208 ng

RT: 11.269 min Scan# 1560

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

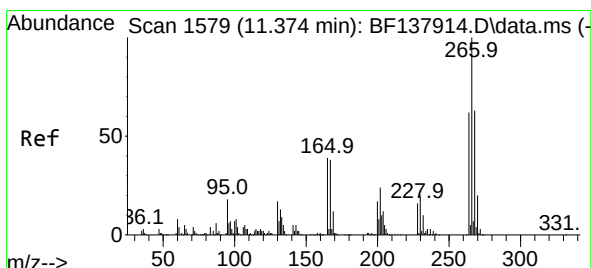
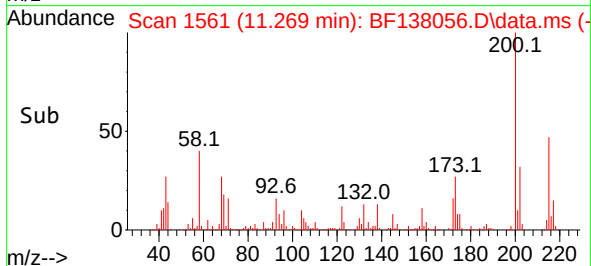
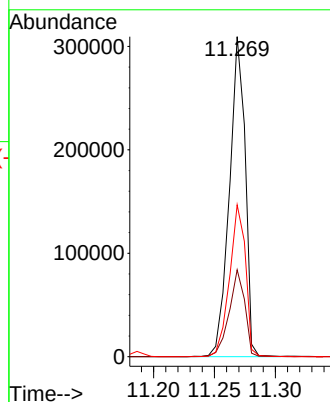
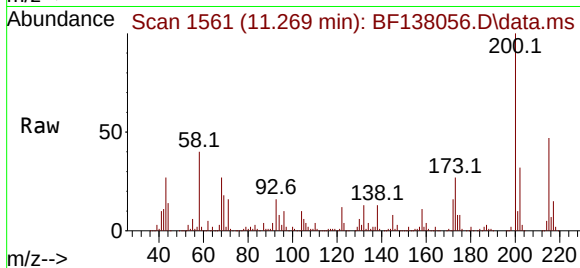
Tgt Ion:200 Resp: 279604

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 47.4 27.5 67.5



#70

Pentachlorophenol

Concen: 92.054 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

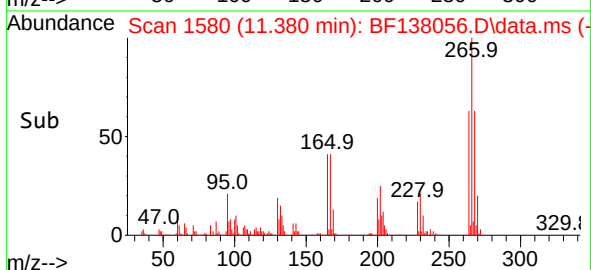
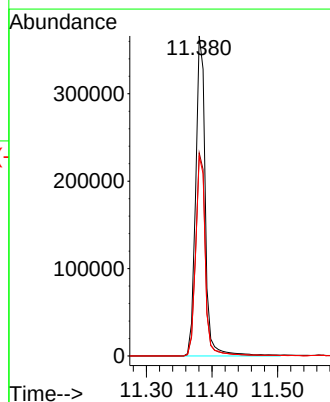
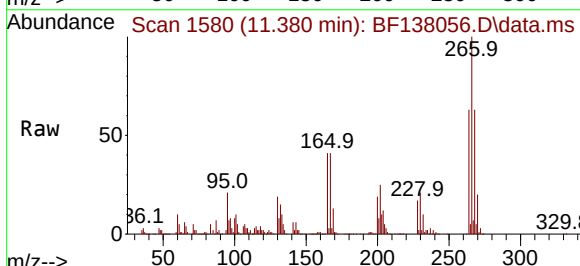
Tgt Ion:266 Resp: 374823

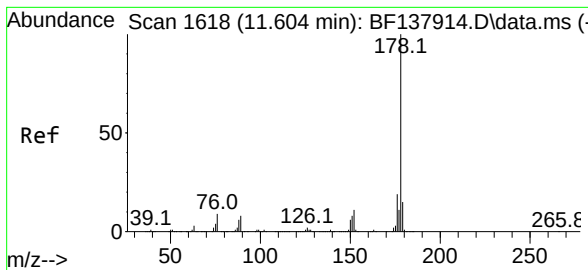
Ion Ratio Lower Upper

266 100

268 63.5 50.1 75.1

264 62.5 49.4 74.2

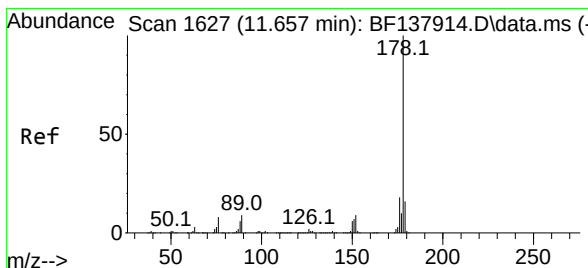
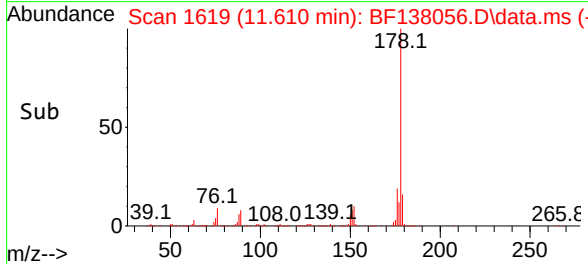
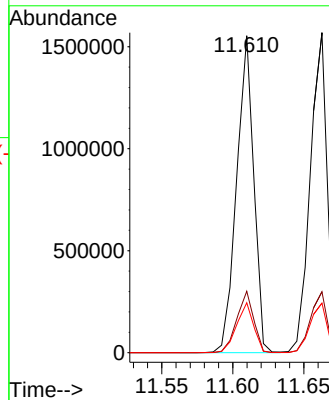
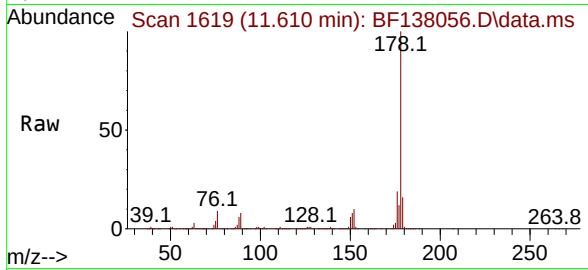




#71
Phenanthrene
Concen: 46.232 ng
RT: 11.610 min Scan# 1618
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

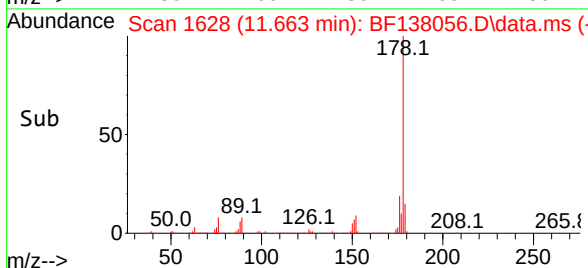
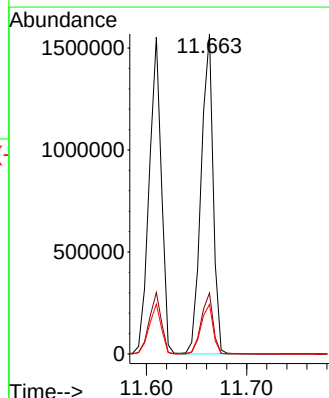
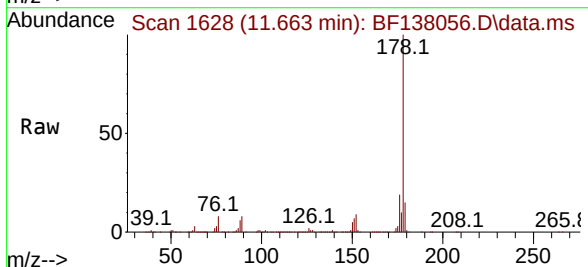
Instrument :
BNA_F
ClientSampleId :
PB161170BS

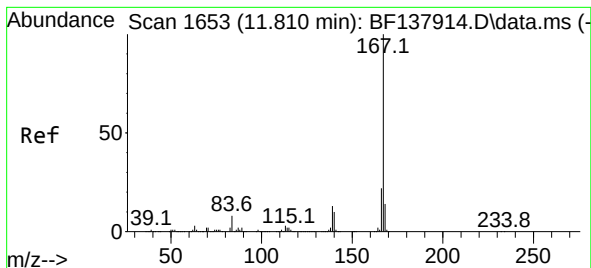
Tgt Ion:178 Resp: 1306866
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.8 12.2 18.4



#72
Anthracene
Concen: 46.653 ng
RT: 11.663 min Scan# 1628
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:178 Resp: 1308455
Ion Ratio Lower Upper
178 100
176 19.1 14.7 22.1
179 15.5 12.4 18.6





#73

Carbazole

Concen: 45.182 ng

RT: 11.816 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

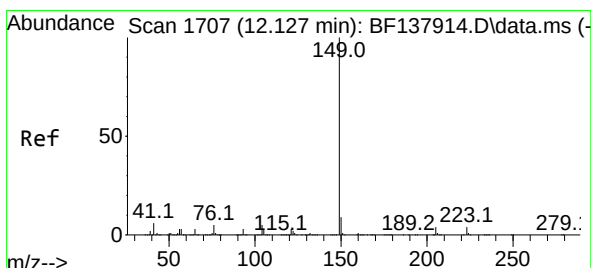
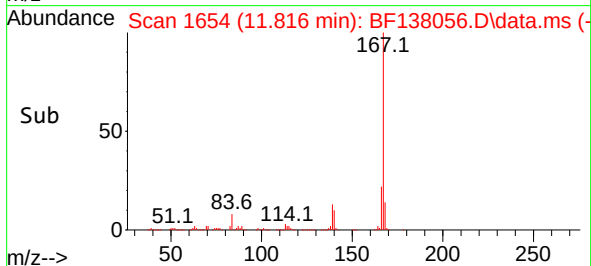
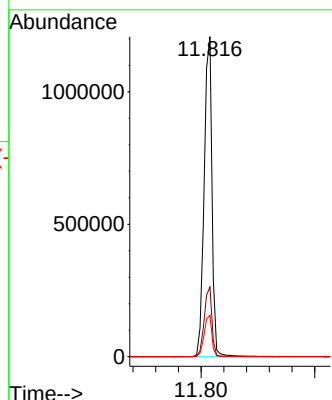
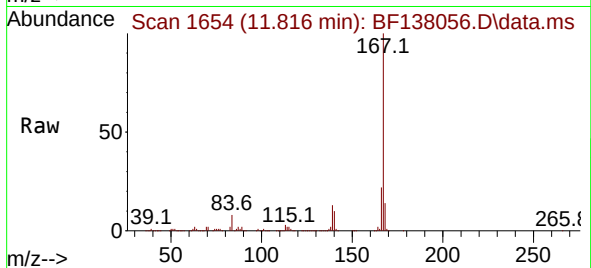
Tgt Ion:167 Resp: 1157580

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.9 10.3 15.5



#74

Di-n-butylphthalate

Concen: 49.696 ng

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

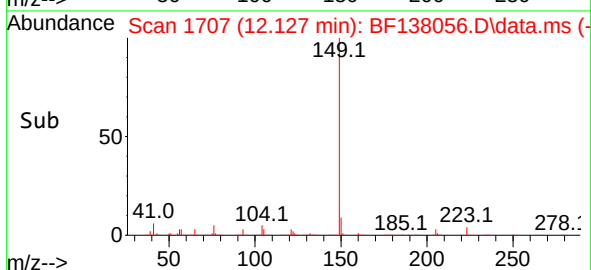
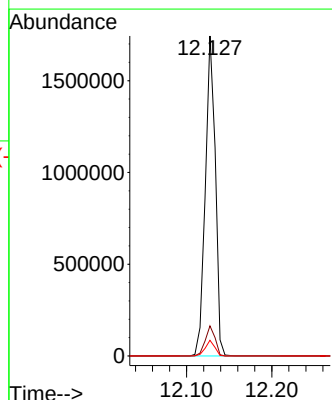
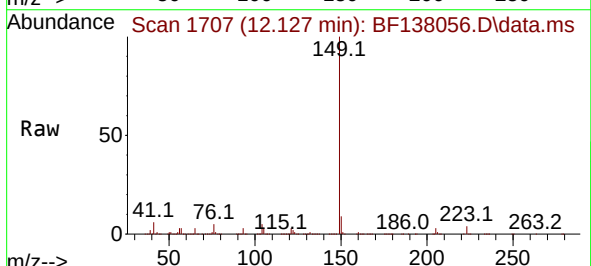
Tgt Ion:149 Resp: 1413012

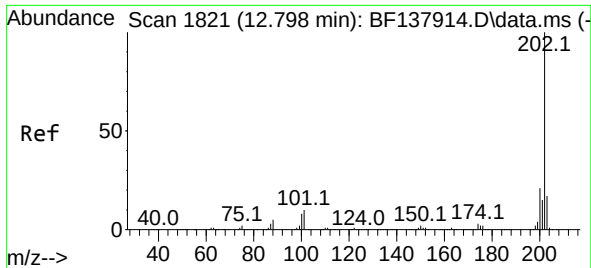
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 4.9 3.6 5.4

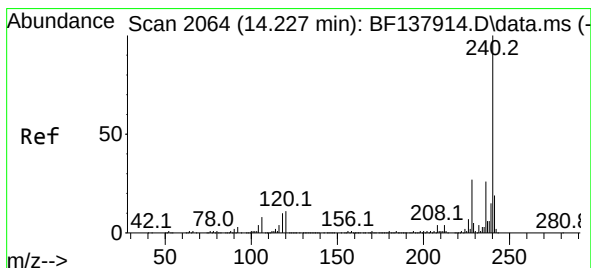
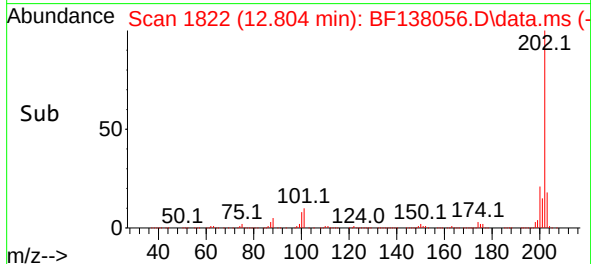
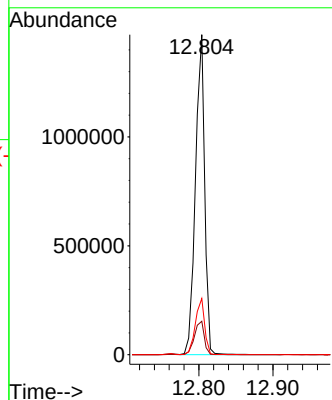
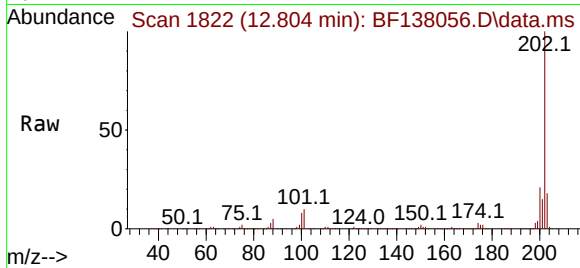




#75
Fluoranthene
Concen: 44.073 ng
RT: 12.804 min Scan# 1821
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

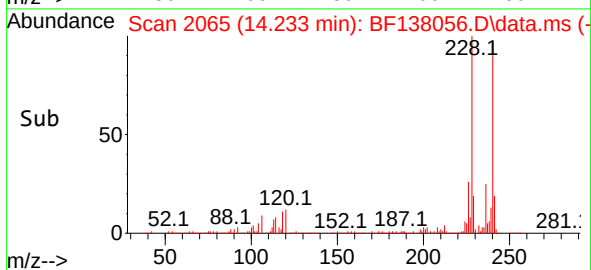
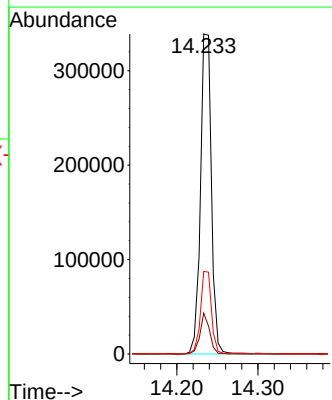
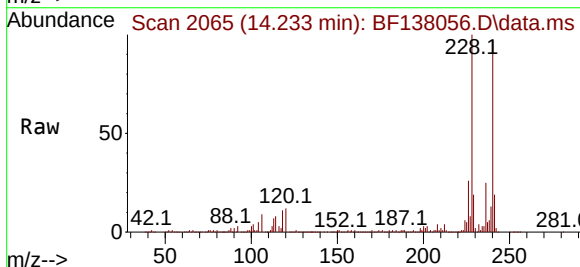
Instrument :
BNA_F
ClientSampleId :
PB161170BS

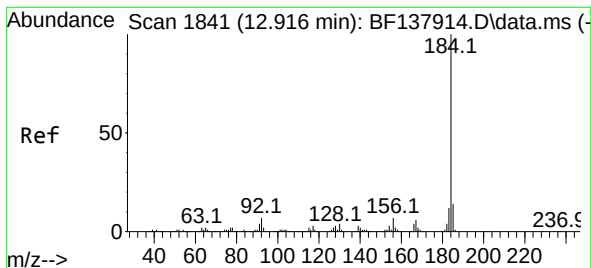
Tgt Ion:202 Resp: 1264533
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:240 Resp: 319016
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 25.8 21.0 31.4





#77

Benzidine

Concen: 23.215 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

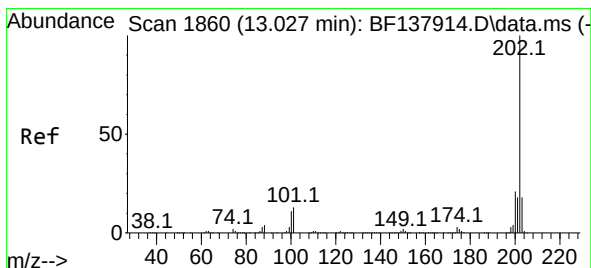
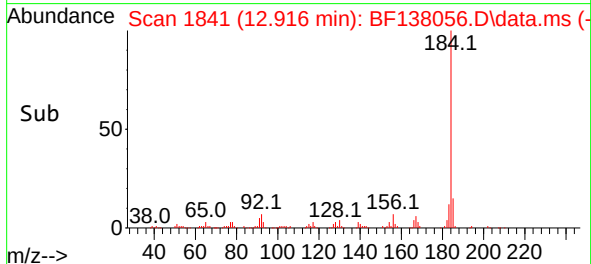
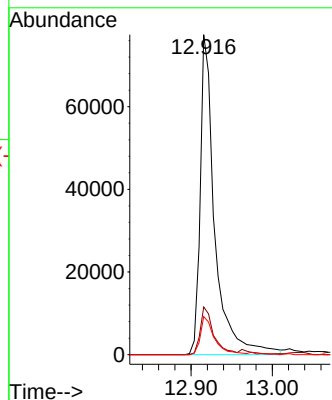
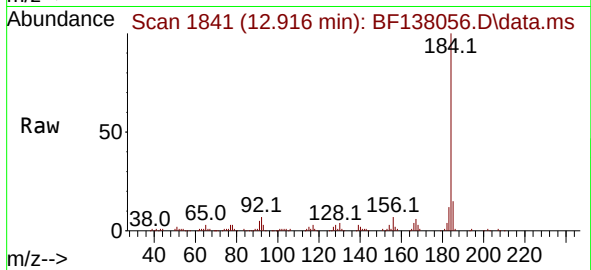
Tgt Ion:184 Resp: 96787

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

183 11.9 9.5 14.3



#78

Pyrene

Concen: 45.612 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

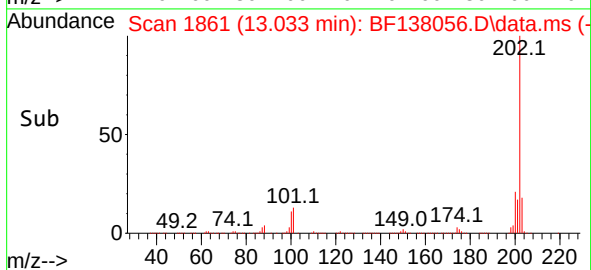
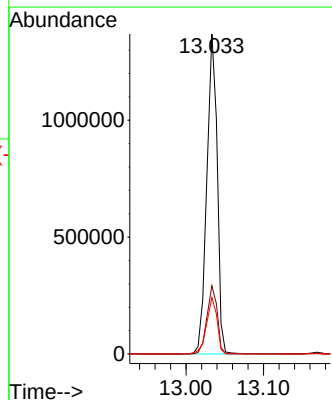
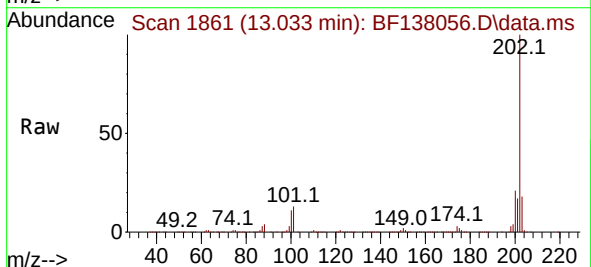
Tgt Ion:202 Resp: 1272700

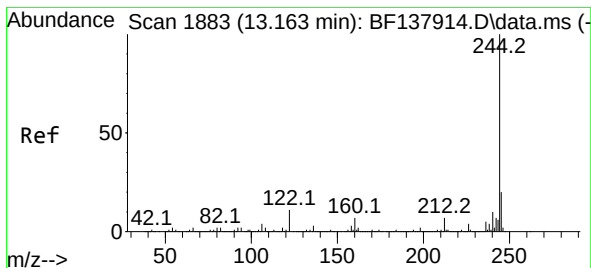
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 87.829 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

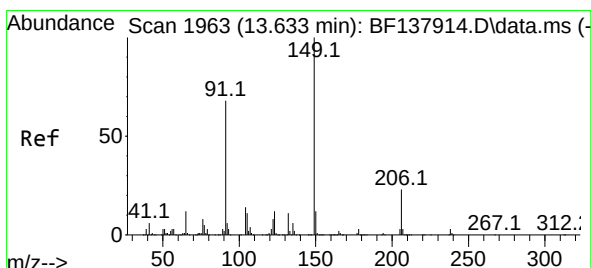
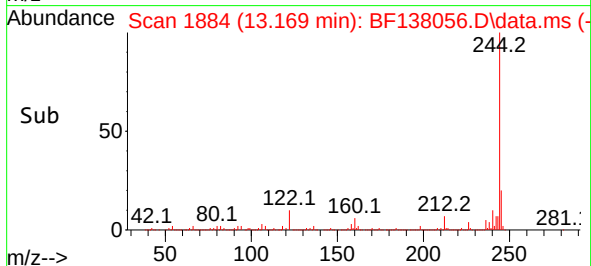
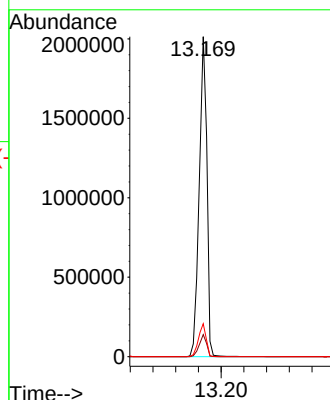
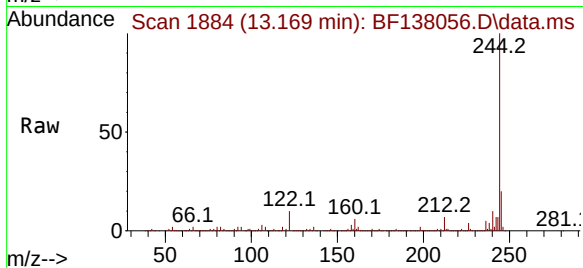
Tgt Ion:244 Resp: 1901126

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 54.304 ng

RT: 13.639 min Scan# 1964

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

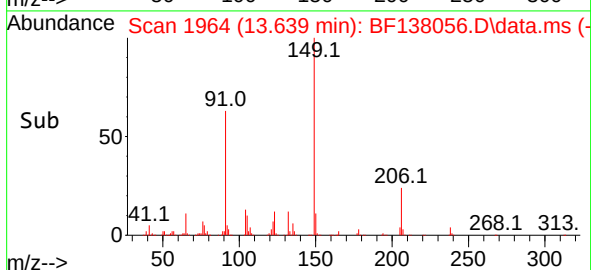
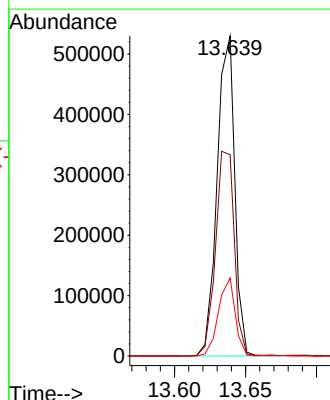
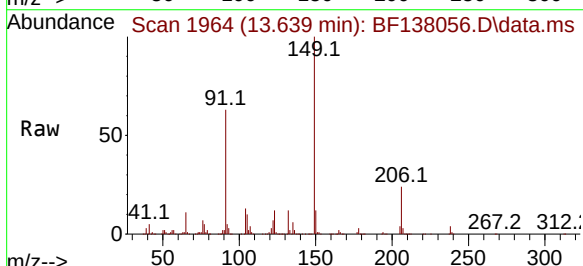
Tgt Ion:149 Resp: 457031

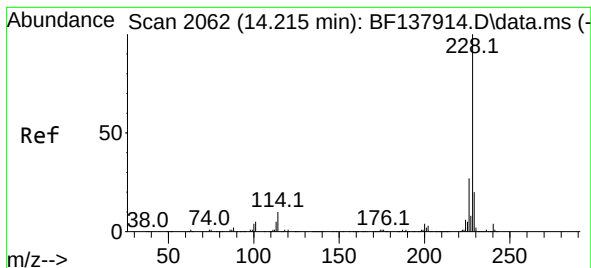
Ion Ratio Lower Upper

149 100

91 62.9 54.2 81.4

206 24.4 18.1 27.1





#81

Benzo(a)anthracene

Concen: 48.355 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.012 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

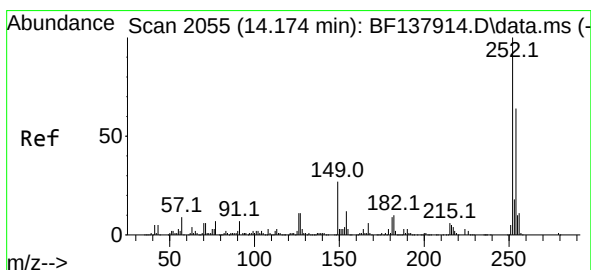
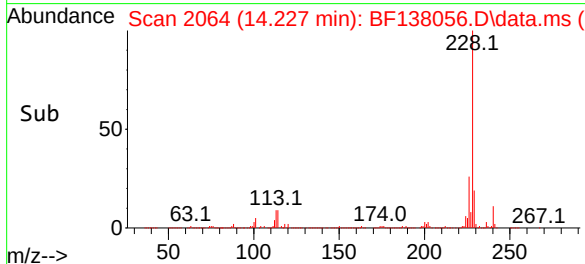
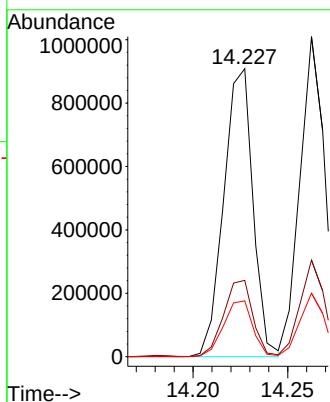
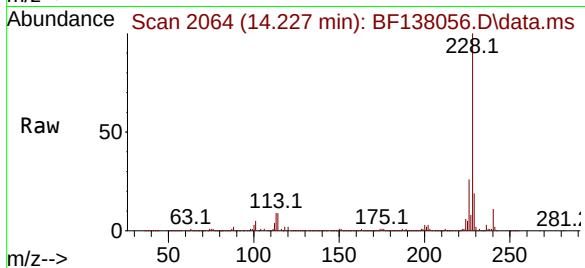
Tgt Ion:228 Resp: 975954

Ion Ratio Lower Upper

228 100

226 26.5 21.3 31.9

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 37.529 ng

RT: 14.180 min Scan# 2056

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

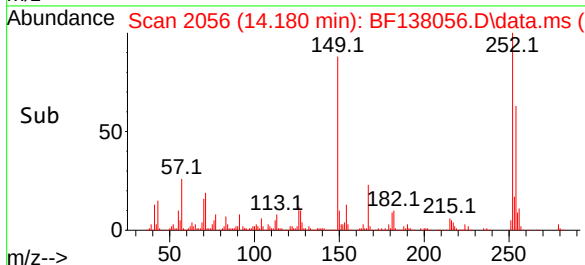
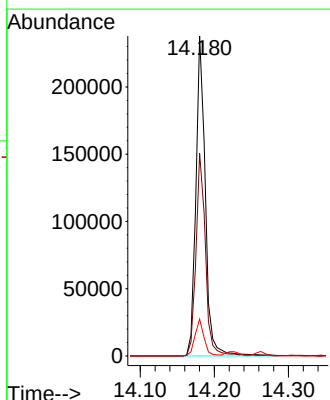
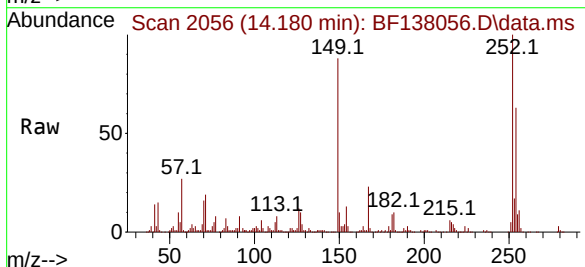
Tgt Ion:252 Resp: 209912

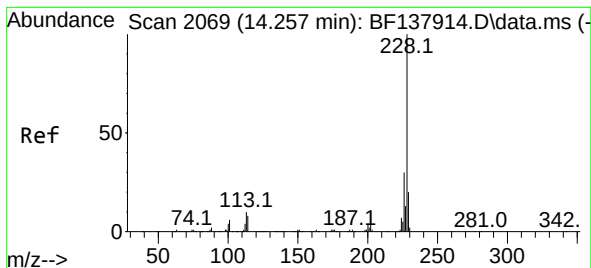
Ion Ratio Lower Upper

252 100

254 63.3 51.2 76.8

126 11.5 8.7 13.1





#83

Chrysene

Concen: 47.174 ng

RT: 14.263 min Scan# 2069

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

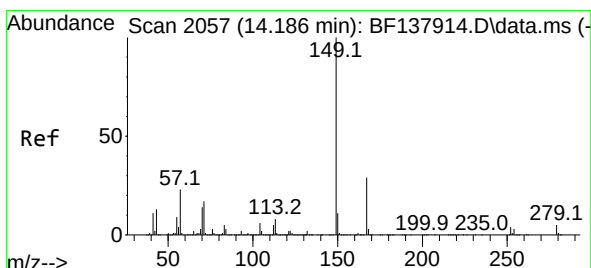
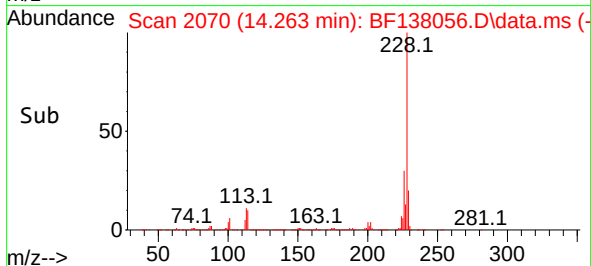
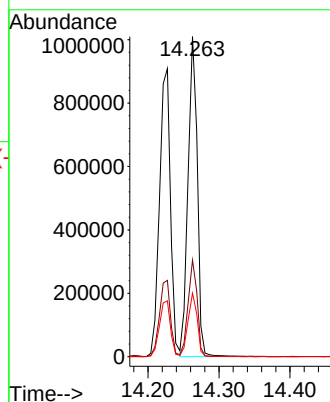
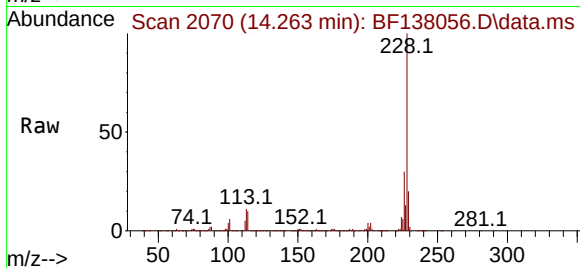
Tgt Ion:228 Resp: 910566

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.404 ng

RT: 14.192 min Scan# 2058

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

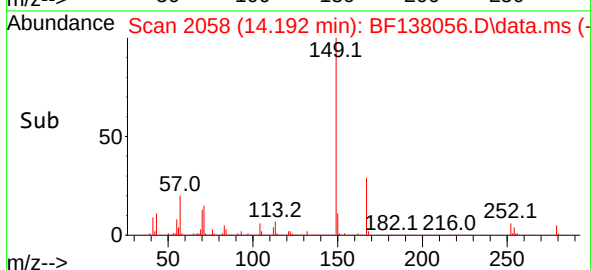
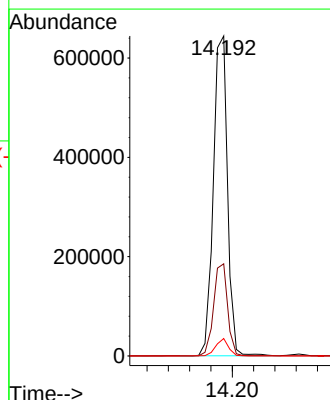
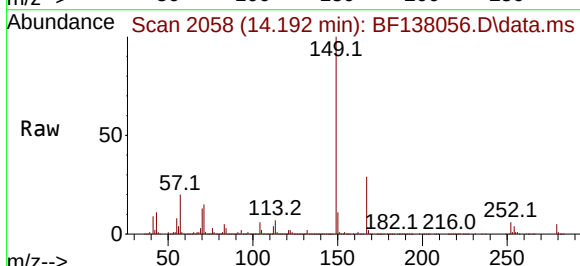
Tgt Ion:149 Resp: 596727

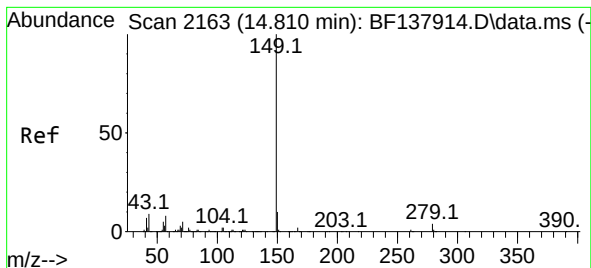
Ion Ratio Lower Upper

149 100

167 28.8 23.2 34.8

279 5.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 67.184 ng

RT: 14.815 min Scan# 2164

Delta R.T. 0.006 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB161170BS

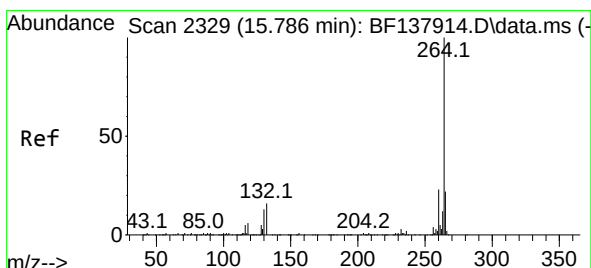
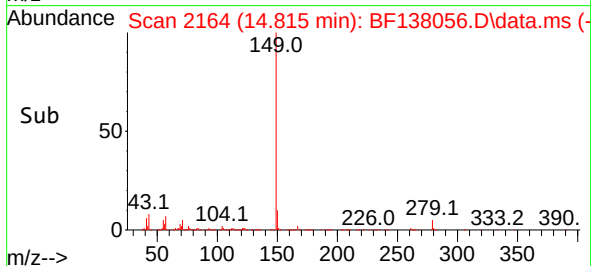
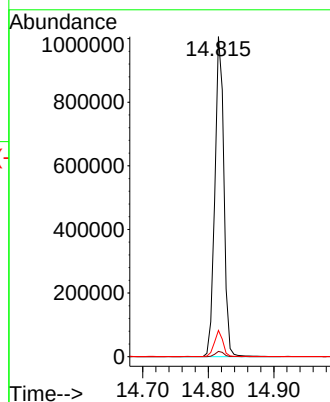
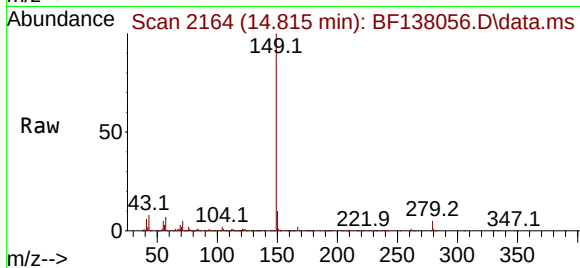
Tgt Ion:149 Resp: 960223

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 7.7 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 2332

Delta R.T. 0.018 min

Lab File: BF138056.D

Acq: 29 May 2024 13:40

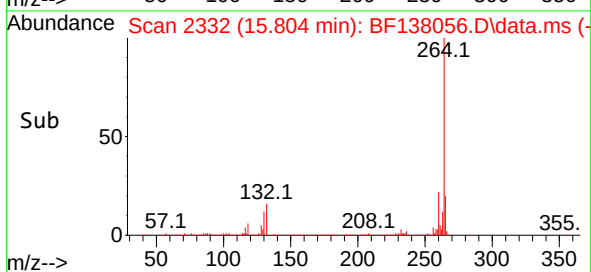
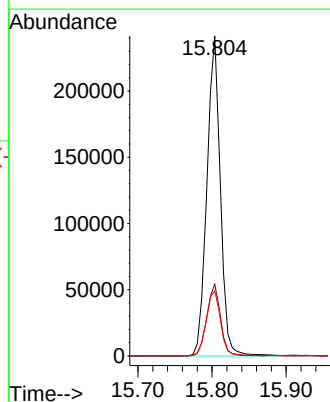
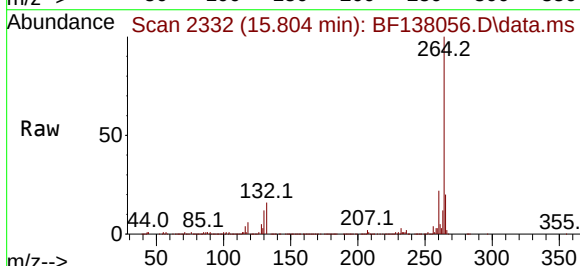
Tgt Ion:264 Resp: 305231

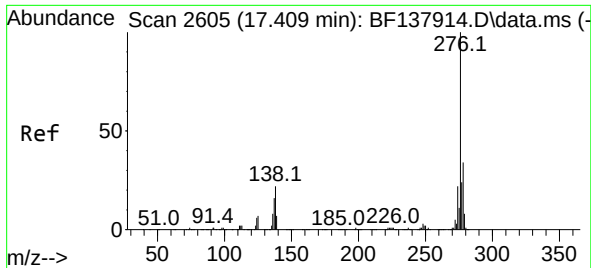
Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 20.4 17.6 26.4

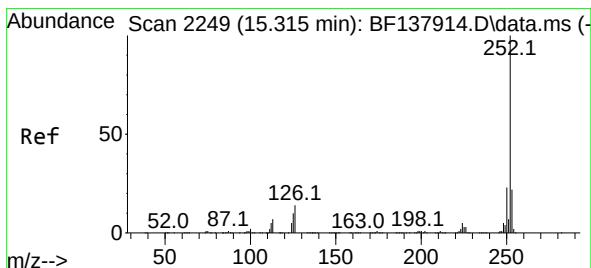
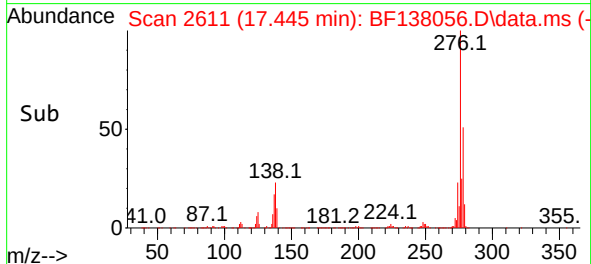
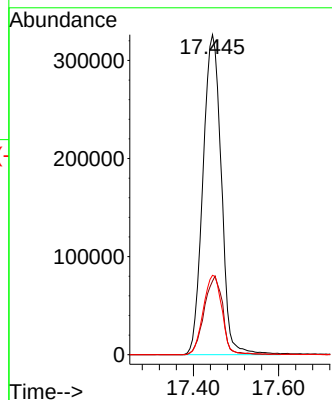
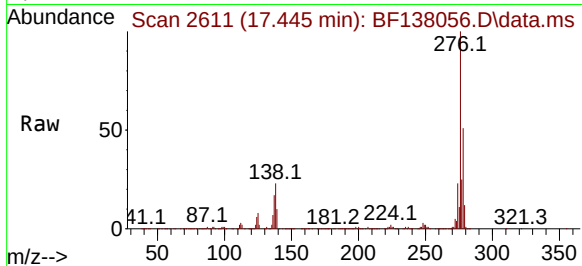




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.737 ng
 RT: 17.445 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF138056.D
 Acq: 29 May 2024 13:40

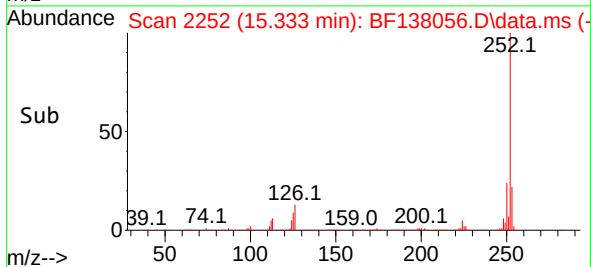
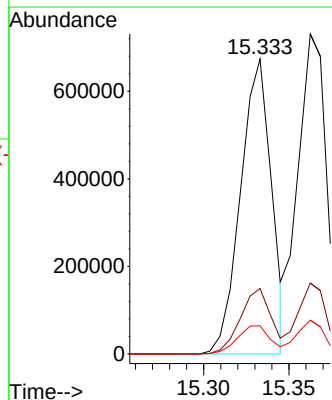
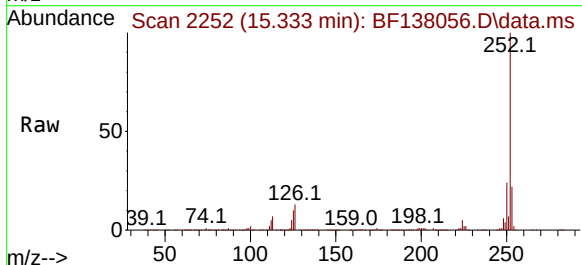
Instrument :
 BNA_F
 ClientSampleId :
 PB161170BS

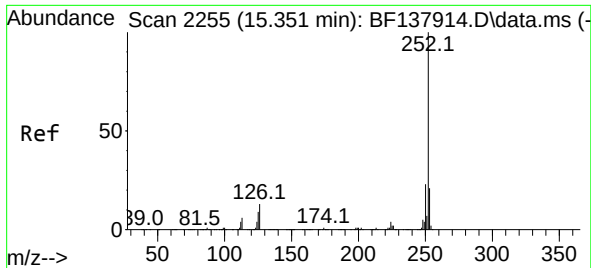
Tgt Ion:276 Resp: 975345
 Ion Ratio Lower Upper
 276 100
 138 24.7 20.6 30.8
 277 25.4 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 48.061 ng
 RT: 15.333 min Scan# 2252
 Delta R.T. 0.018 min
 Lab File: BF138056.D
 Acq: 29 May 2024 13:40

Tgt Ion:252 Resp: 849382
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 9.5 8.2 12.4

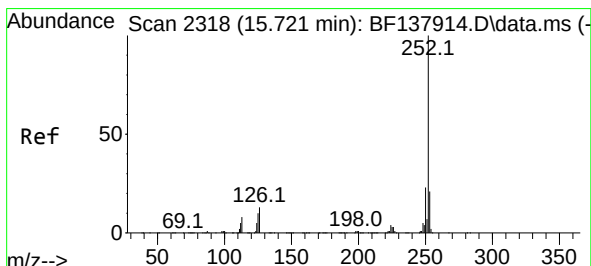
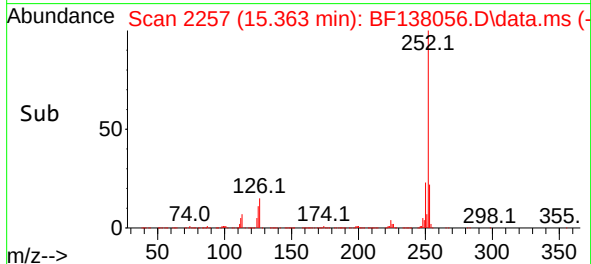
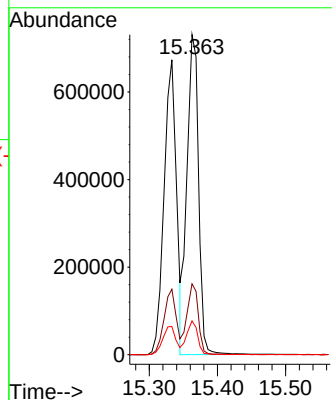
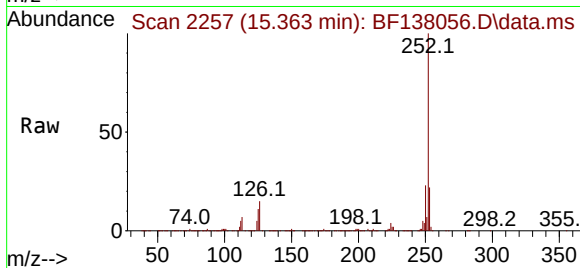




#89
Benzo(k)fluoranthene
Concen: 49.676 ng
RT: 15.363 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

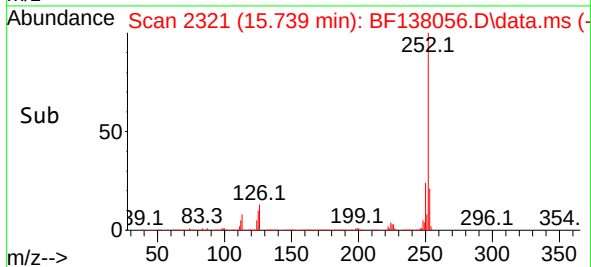
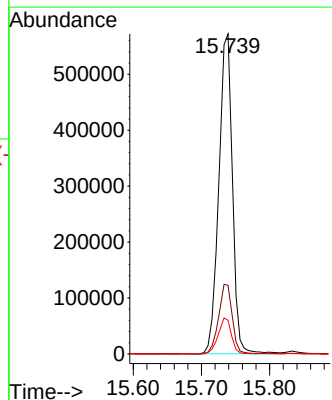
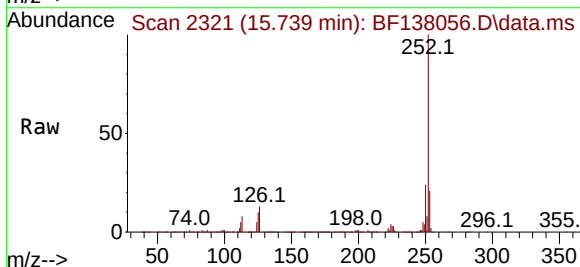
Instrument :
BNA_F
ClientSampleId :
PB161170BS

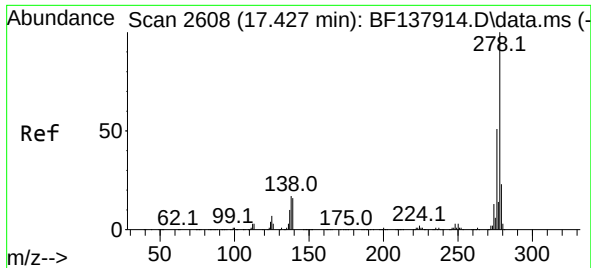
Tgt Ion:252 Resp: 862479
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 10.6 7.7 11.5



#90
Benzo(a)pyrene
Concen: 52.723 ng
RT: 15.739 min Scan# 2321
Delta R.T. 0.018 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:252 Resp: 795639
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 10.5 7.8 11.8

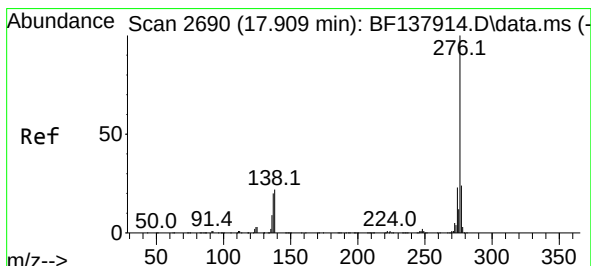
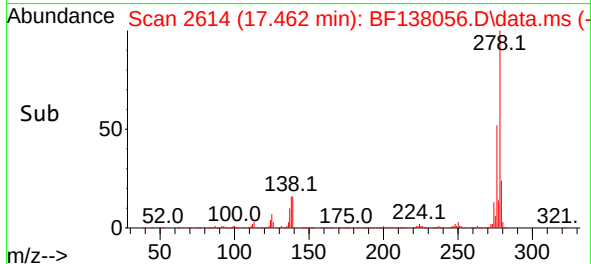
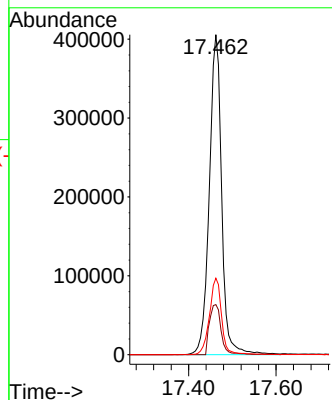
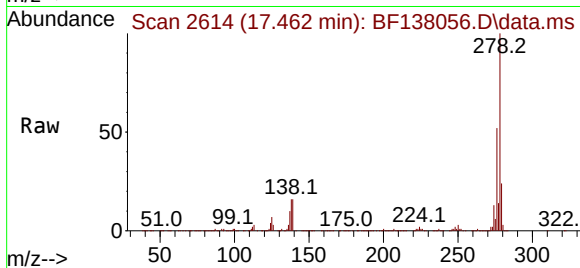




#91
Dibenzo(a,h)anthracene
Concen: 49.332 ng
RT: 17.462 min Scan# 2614
Delta R.T. 0.035 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB161170BS

Tgt Ion:278 Resp: 799287
Ion Ratio Lower Upper
278 100
139 15.6 13.1 19.7
279 23.9 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 45.046 ng
RT: 17.939 min Scan# 2695
Delta R.T. 0.029 min
Lab File: BF138056.D
Acq: 29 May 2024 13:40

Tgt Ion:276 Resp: 766698
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 21.6 17.6 26.4

