

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137926.D
 Acq On : 17 May 2024 12:19
 Operator : CG\JU
 Sample : PB160921BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160921BS

Quant Time: May 17 13:09:52 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	148071	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	587024	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	334060	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	573148	20.000	ng	0.00
76) Chrysene-d12	14.233	240	344869	20.000	ng	0.00
86) Perylene-d12	15.792	264	277552	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1081311	124.046	ng	0.02
7) Phenol-d6	6.663	99	1320399	122.966	ng	0.00
23) Nitrobenzene-d5	7.604	82	815451	81.751	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	450173	133.649	ng	0.00
45) 2-Fluorobiphenyl	9.404	172	1731439	79.839	ng	0.00
79) Terphenyl-d14	13.169	244	1922051	82.139	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.052	88	132372	35.053	ng	99
3) Pyridine	3.793	79	317859	37.514	ng	97
4) n-Nitrosodimethylamine	3.757	42	166674	44.590	ng	98
6) Aniline	6.704	93	341022	35.507	ng	100
8) 2-Chlorophenol	6.828	128	423296	44.871	ng	99
9) Benzaldehyde	6.592	77	136865	23.559	ng	96
10) Phenol	6.675	94	471898	43.539	ng	98
11) bis(2-Chloroethyl)ether	6.775	93	370362	44.504	ng	99
12) 1,3-Dichlorobenzene	6.987	146	450642	41.288	ng	99
13) 1,4-Dichlorobenzene	7.057	146	455991	41.621	ng	99
14) 1,2-Dichlorobenzene	7.210	146	437786	42.458	ng	99
15) Benzyl Alcohol	7.181	79	336561	46.938	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.304	45	463415	45.302	ng	99
17) 2-Methylphenol	7.281	107	328322	43.642	ng	98
18) Hexachloroethane	7.557	117	159359	42.985	ng	99
19) n-Nitroso-di-n-propyla...	7.451	70	266594	44.191	ng	99
20) 3+4-Methylphenols	7.434	107	422566	42.875	ng	95
22) Acetophenone	7.451	105	566539	43.082	ng	99
24) Nitrobenzene	7.622	77	415042	41.016	ng	97
25) Isophorone	7.857	82	756162	43.679	ng	99
26) 2-Nitrophenol	7.939	139	225183	44.288	ng	99
27) 2,4-Dimethylphenol	7.963	122	305971	46.740	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	452353	43.113	ng	100
29) 2,4-Dichlorophenol	8.175	162	356643	43.325	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	380184	41.364	ng	99
31) Naphthalene	8.351	128	1227133	41.576	ng	100
32) Benzoic acid	8.081	122	244335	44.154	ng	97
33) 4-Chloroaniline	8.392	127	184248	19.042	ng	98
34) Hexachlorobutadiene	8.457	225	236783	40.701	ng	99
35) Caprolactam	8.757	113	62246	26.100	ng	94
36) 4-Chloro-3-methylphenol	8.863	107	363964	43.464	ng	97
37) 2-Methylnaphthalene	9.039	142	808720	42.626	ng	98
38) 1-Methylnaphthalene	9.139	142	746559	40.026	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	382311	42.096	ng	99
41) Hexachlorocyclopentadiene	9.192	237	407050	117.956	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	258241	43.368	ng	97

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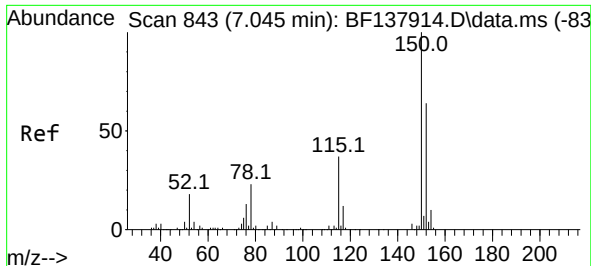
Quant Time: May 17 13:09:52 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	281593	43.219	ng	95
46) 1,1'-Biphenyl	9.504	154	989026	42.211	ng	99
47) 2-Chloronaphthalene	9.533	162	767060	41.011	ng	98
48) 2-Nitroaniline	9.628	65	210587	43.968	ng	93
49) Acenaphthylene	9.951	152	1212657	45.091	ng	99
50) Dimethylphthalate	9.804	163	919843	43.910	ng	99
51) 2,6-Dinitrotoluene	9.863	165	204163	42.464	ng	95
52) Acenaphthene	10.122	154	820372	46.153	ng	98
53) 3-Nitroaniline	10.033	138	141688	30.145	ng	100
54) 2,4-Dinitrophenol	10.145	184	218498	83.762	ng #	78
55) Dibenzofuran	10.298	168	1105482	42.734	ng	98
56) 4-Nitrophenol	10.192	139	326391	96.684	ng	93
57) 2,4-Dinitrotoluene	10.269	165	278144	44.750	ng #	85
58) Fluorene	10.639	166	860210	42.041	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	233737	45.666	ng	99
60) Diethylphthalate	10.504	149	856228	43.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.628	204	425463	42.165	ng	96
62) 4-Nitroaniline	10.657	138	197242	44.244	ng	97
63) Azobenzene	10.786	77	794028	44.619	ng	97
65) 4,6-Dinitro-2-methylph...	10.680	198	154538	46.697	ng	96
66) n-Nitrosodiphenylamine	10.745	169	755025	42.956	ng	99
67) 4-Bromophenyl-phenylether	11.122	248	269330	42.864	ng	92
68) Hexachlorobenzene	11.186	284	292071	42.052	ng	96
69) Atrazine	11.269	200	253135	52.741	ng	99
70) Pentachlorophenol	11.380	266	361996	88.976	ng	99
71) Phenanthrene	11.610	178	1216551	43.073	ng	99
72) Anthracene	11.663	178	1240098	44.252	ng	99
73) Carbazole	11.810	167	1121255	43.800	ng	99
74) Di-n-butylphthalate	12.127	149	1299743	45.750	ng	99
75) Fluoranthene	12.798	202	1246011	43.463	ng	98
77) Benzidine	12.916	184	188297	41.778	ng	98
78) Pyrene	13.033	202	1263883	41.901	ng	100
80) Butylbenzylphthalate	13.633	149	443623	48.759	ng	95
81) Benzo(a)anthracene	14.221	228	964397	44.201	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	205697	34.019	ng	99
83) Chrysene	14.257	228	919087	44.046	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	567224	49.596	ng	99
85) Di-n-octyl phthalate	14.815	149	801944	51.903	ng	100
87) Indeno(1,2,3-cd)pyrene	17.421	276	846399	47.465	ng	100
88) Benzo(b)fluoranthene	15.321	252	786637	48.949	ng	99
89) Benzo(k)fluoranthene	15.357	252	728078	46.117	ng	99
90) Benzo(a)pyrene	15.727	252	669585	48.794	ng	98
91) Dibenzo(a,h)anthracene	17.439	278	691117	46.910	ng	99
92) Benzo(g,h,i)perylene	17.915	276	679067	43.876	ng	99

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

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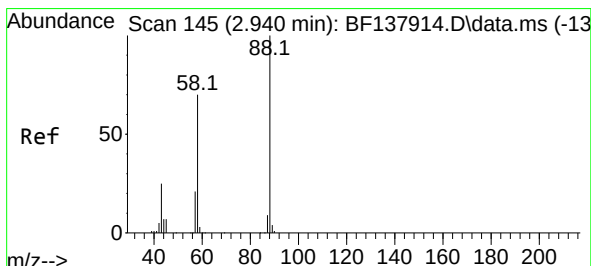
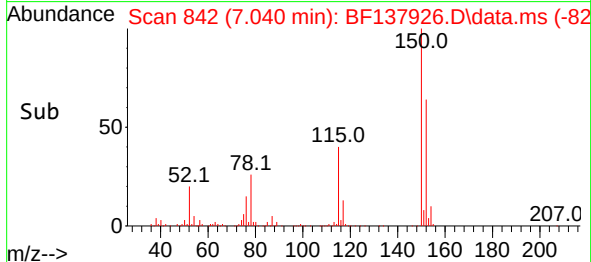
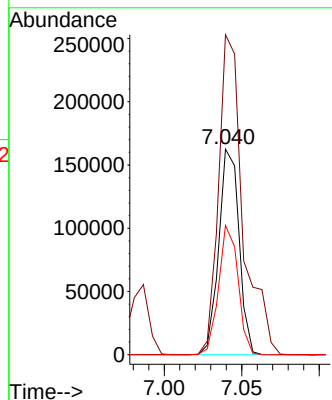
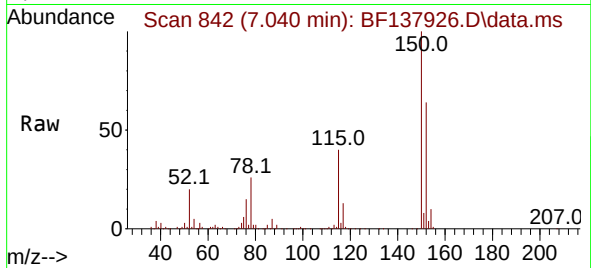




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.005 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

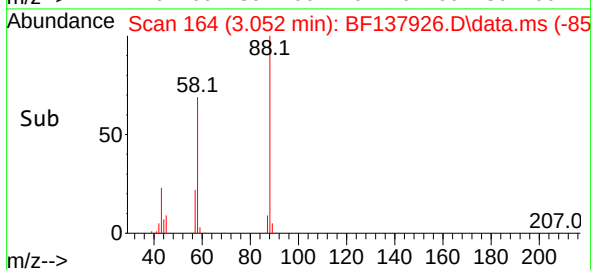
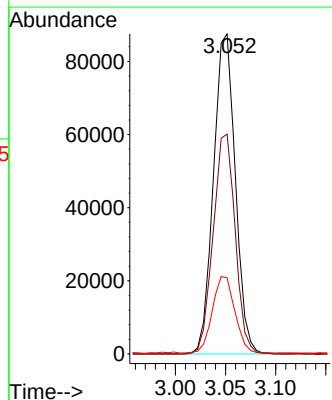
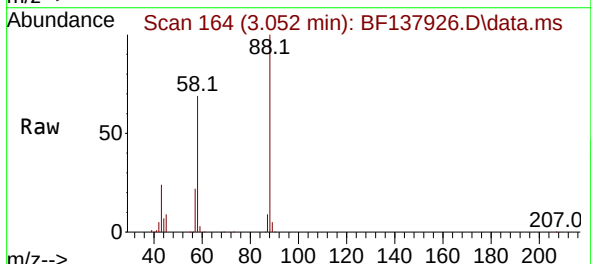
Instrument :
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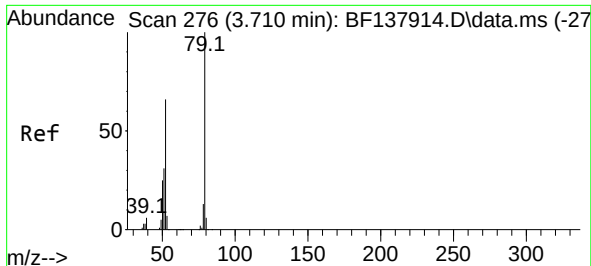
Tgt Ion:152 Resp: 148071
Ion Ratio Lower Upper
152 100
150 155.6 125.7 188.5
115 62.8 47.0 70.6



#2
1,4-Dioxane
Concen: 35.053 ng
RT: 3.052 min Scan# 164
Delta R.T. 0.112 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion: 88 Resp: 132372
Ion Ratio Lower Upper
88 100
58 69.2 54.4 81.6
43 24.5 19.6 29.4

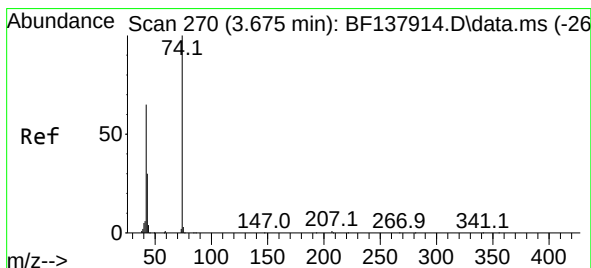
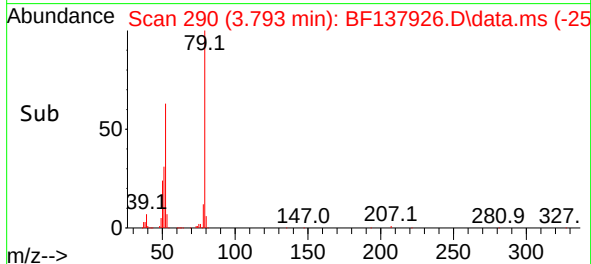
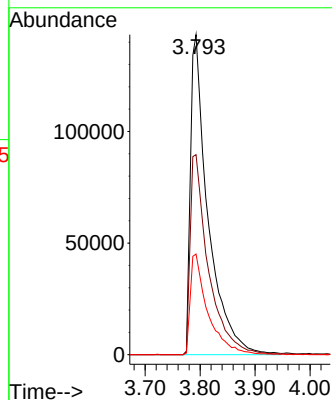
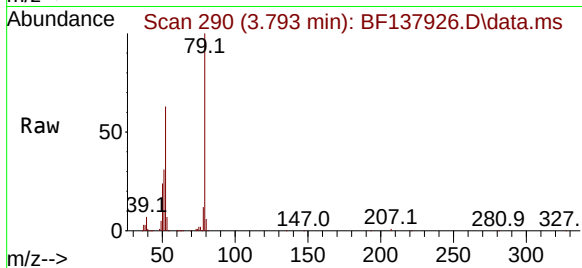




#3
 Pyridine
 Concen: 37.514 ng
 RT: 3.793 min Scan# 24
 Delta R.T. 0.082 min
 Lab File: BF137926.D
 Acq: 17 May 2024 12:19

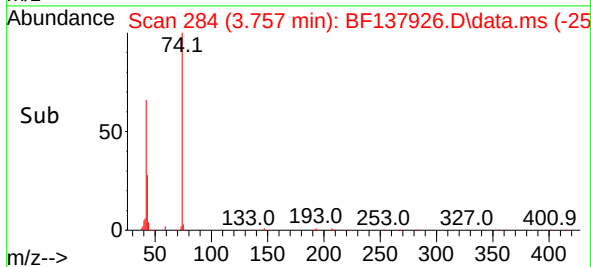
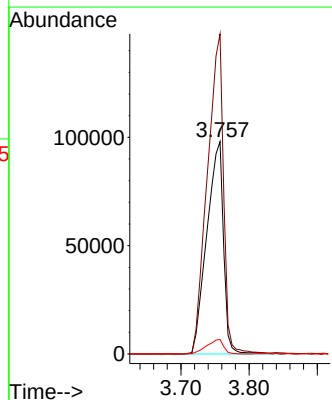
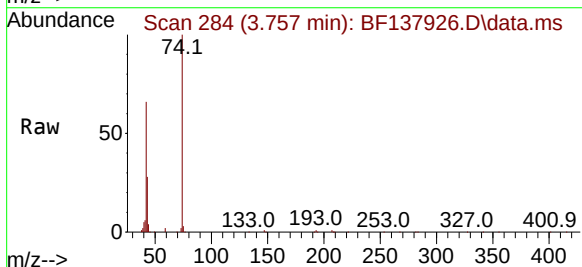
Instrument :
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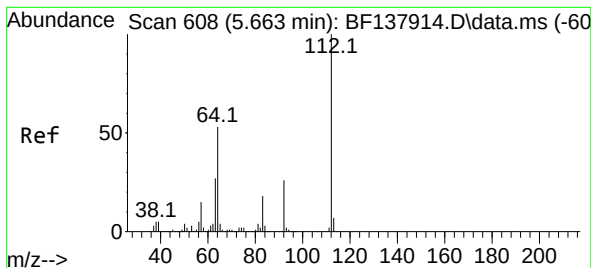
Tgt Ion: 79 Resp: 317859
 Ion Ratio Lower Upper
 79 100
 52 62.5 52.5 78.7
 51 31.4 25.1 37.7



#4
 n-Nitrosodimethylamine
 Concen: 44.590 ng
 RT: 3.757 min Scan# 284
 Delta R.T. 0.082 min
 Lab File: BF137926.D
 Acq: 17 May 2024 12:19

Tgt Ion: 42 Resp: 166674
 Ion Ratio Lower Upper
 42 100
 74 150.7 123.1 184.7
 44 6.8 5.0 7.6

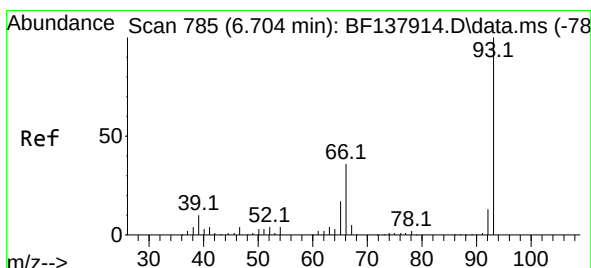
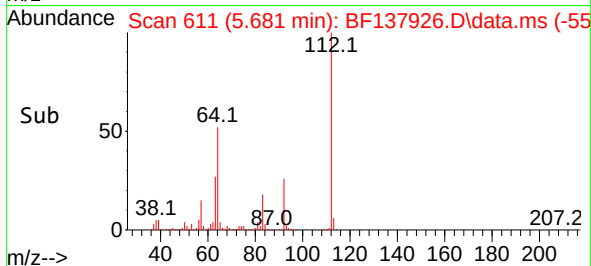
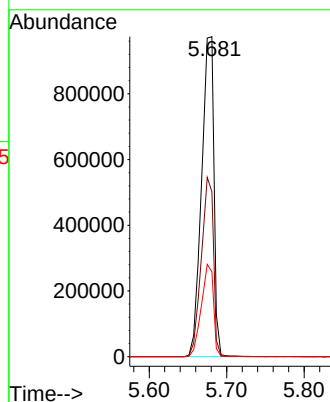
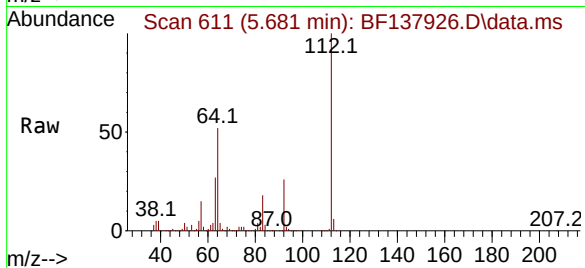




#5
2-Fluorophenol
Concen: 124.046 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

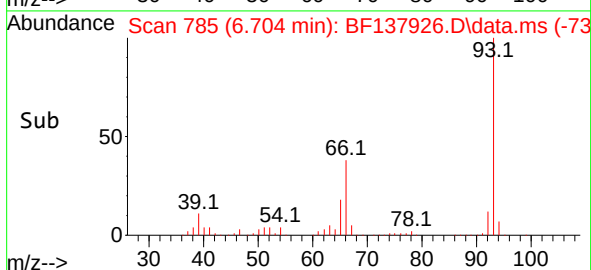
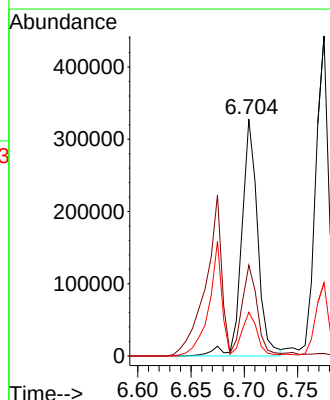
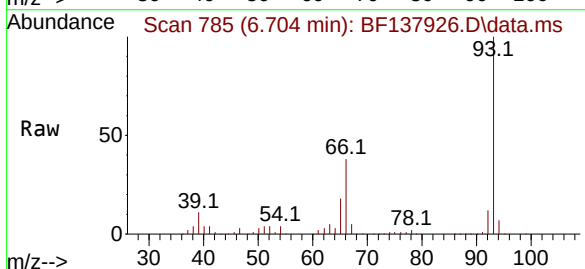
Instrument :
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ClientSampleId :
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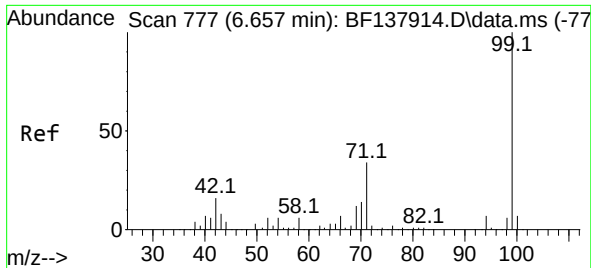
Tgt Ion:112 Resp: 1081311
Ion Ratio Lower Upper
112 100
64 51.5 42.4 63.6
63 26.5 21.4 32.2



#6
Aniline
Concen: 35.507 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion: 93 Resp: 341022
Ion Ratio Lower Upper
93 100
66 38.3 30.7 46.1
65 18.5 15.0 22.4



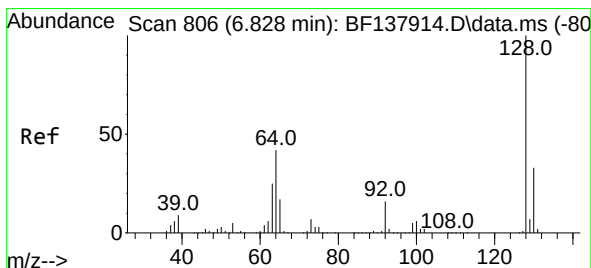
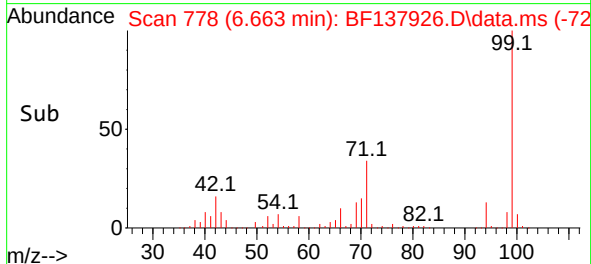
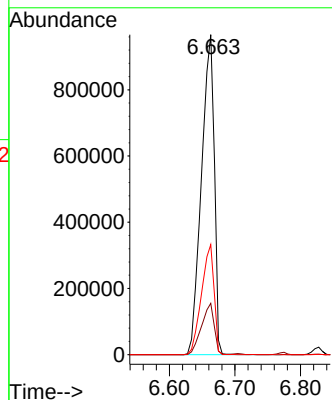
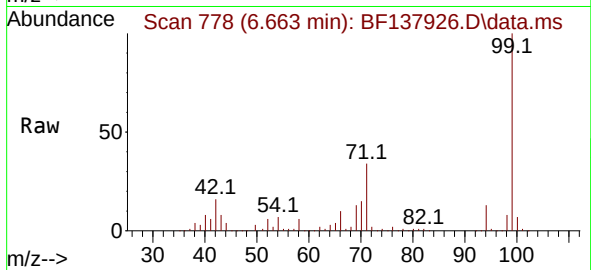


#7
Phenol-d6
Concen: 122.966 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137926.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1320399

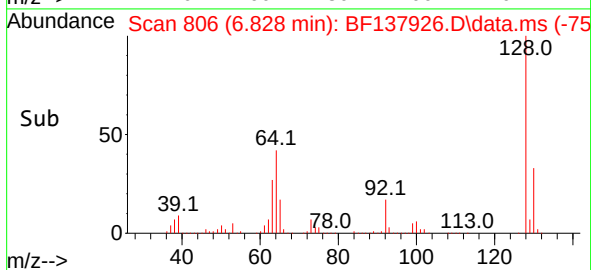
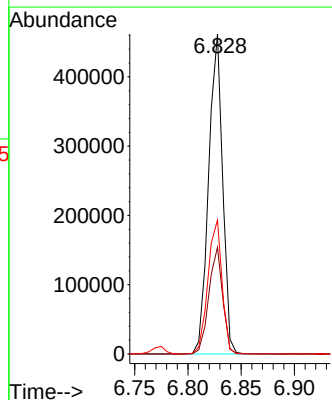
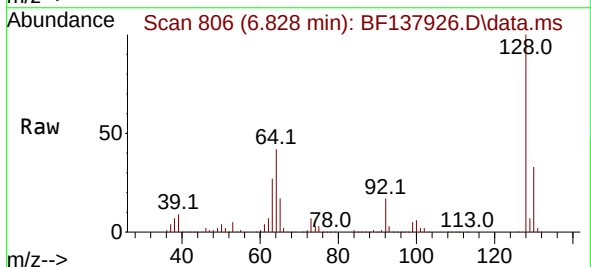
Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.6	18.8
71	34.4	27.1	40.7

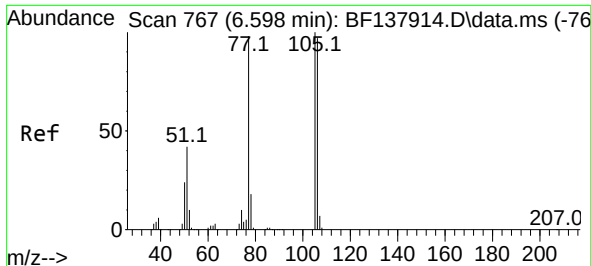


#8
2-Chlorophenol
Concen: 44.871 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion: 128 Resp: 423296

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.8	52.8
64	41.9	22.2	62.2

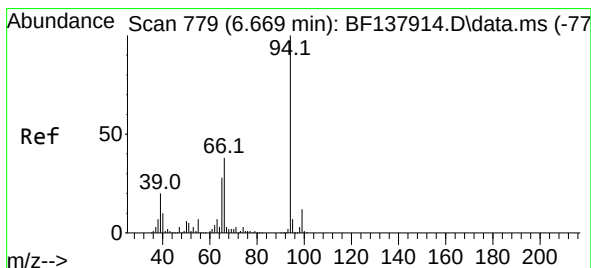
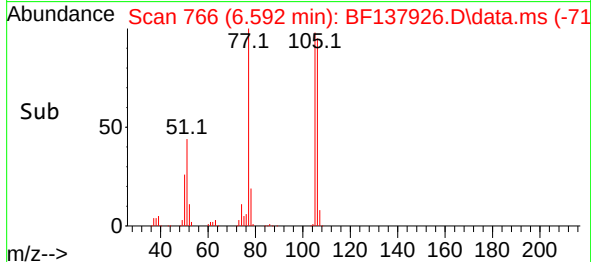
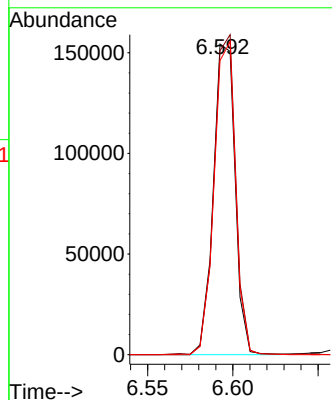
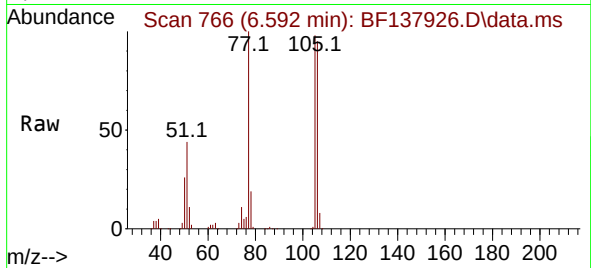




#9
Benzaldehyde
Concen: 23.559 ng
RT: 6.592 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

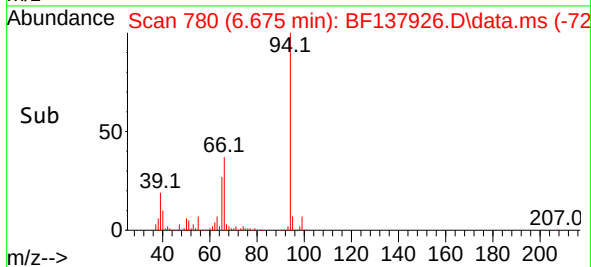
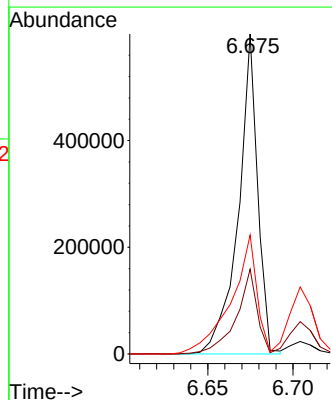
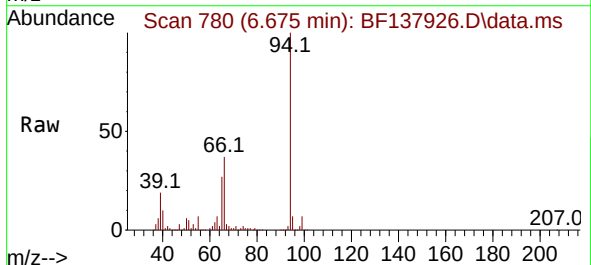
Instrument :
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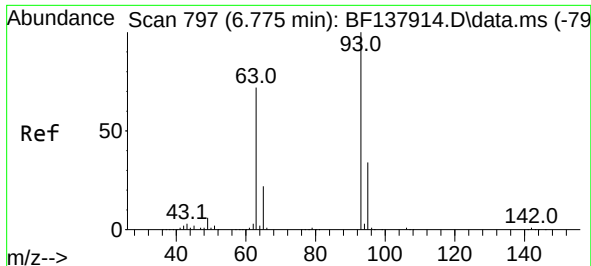
Tgt Ion: 77 Resp: 136865
Ion Ratio Lower Upper
77 100
105 97.9 82.3 122.3
106 94.7 79.2 119.2



#10
Phenol
Concen: 43.539 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion: 94 Resp: 471898
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: 44.504 ng

RT: 6.775 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

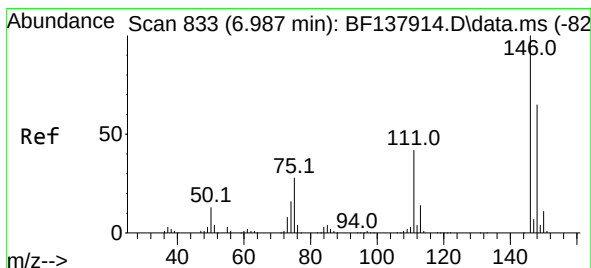
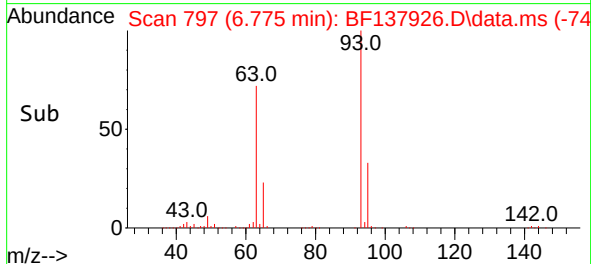
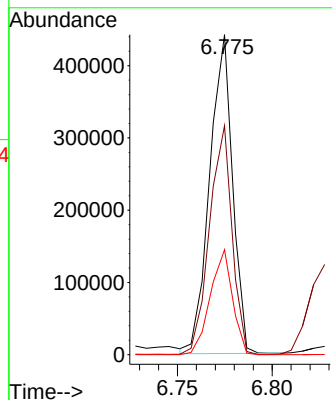
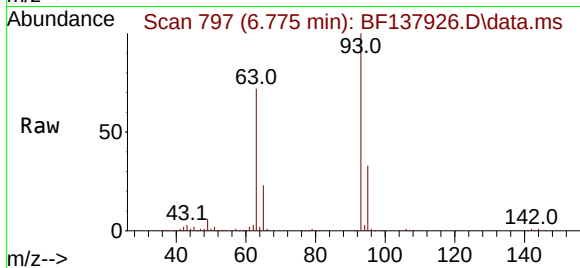
Tgt Ion: 93 Resp: 370362

Ion Ratio Lower Upper

93 100

63 71.5 51.4 91.4

95 32.8 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 41.288 ng

RT: 6.987 min Scan# 833

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

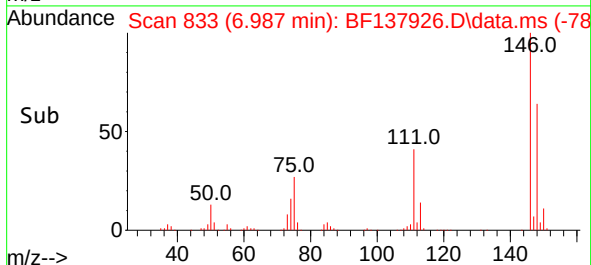
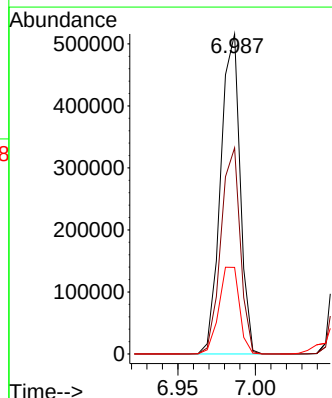
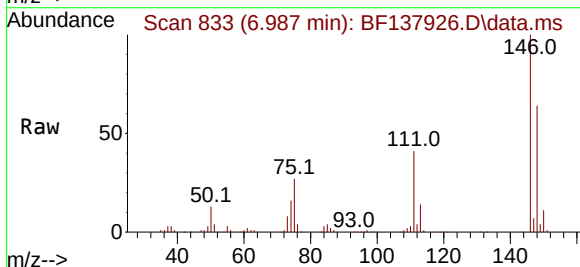
Tgt Ion: 146 Resp: 450642

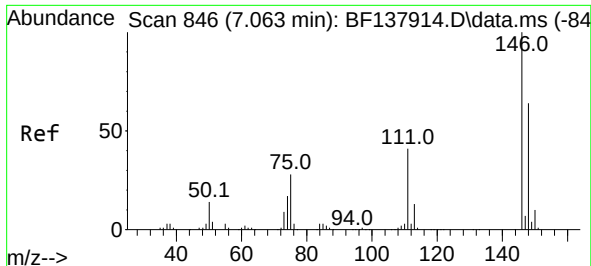
Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

75 27.0 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 41.621 ng

RT: 7.057 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

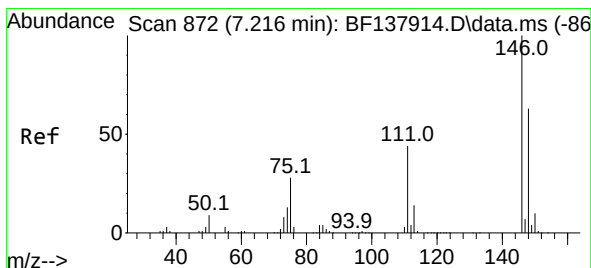
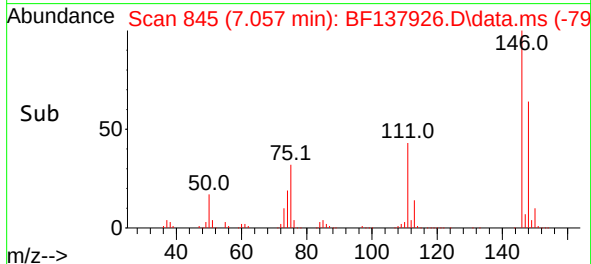
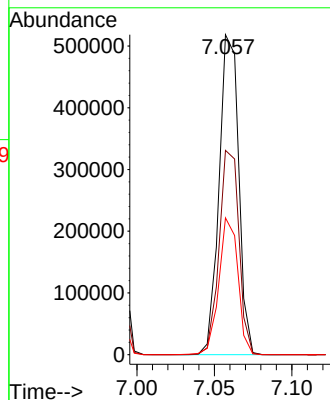
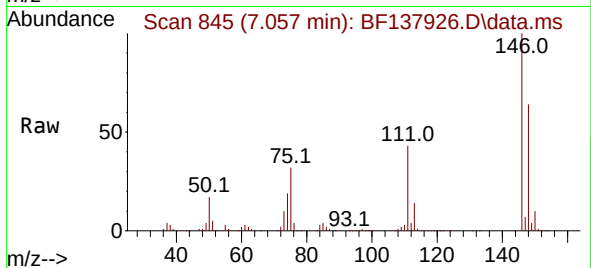
Tgt Ion:146 Resp: 455991

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 42.8 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 42.458 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

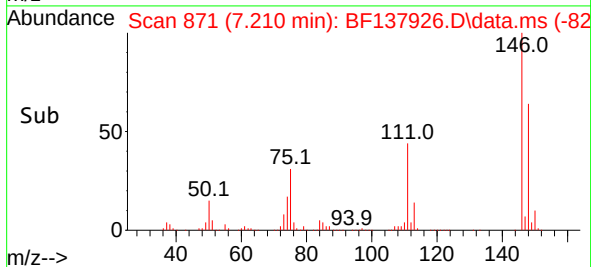
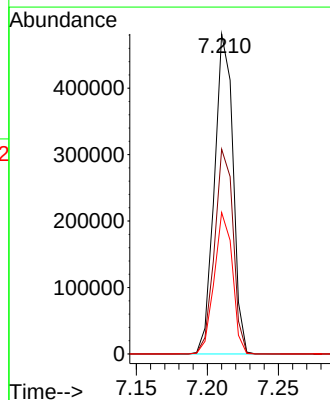
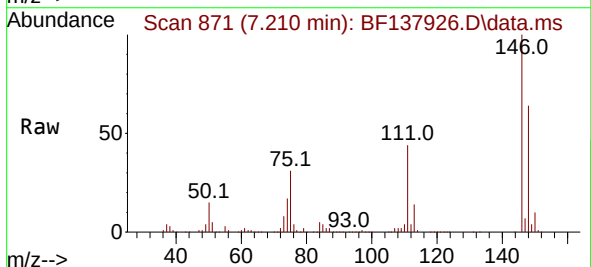
Tgt Ion:146 Resp: 437786

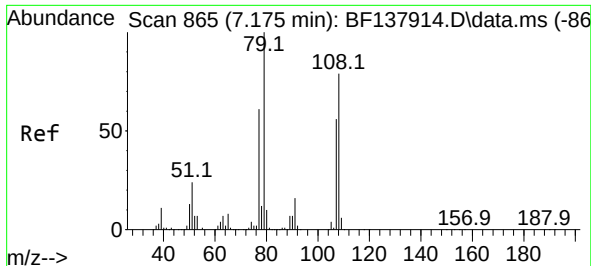
Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.4

111 44.2 35.1 52.7

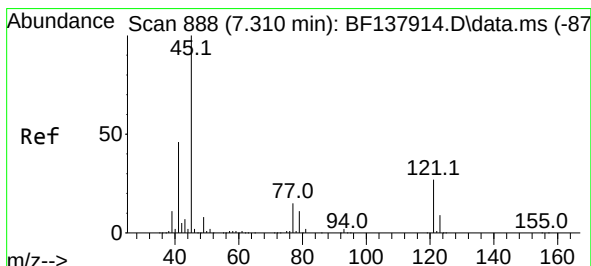
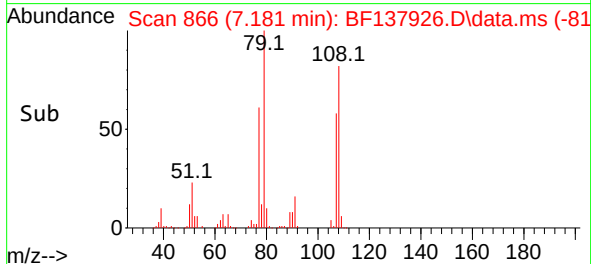
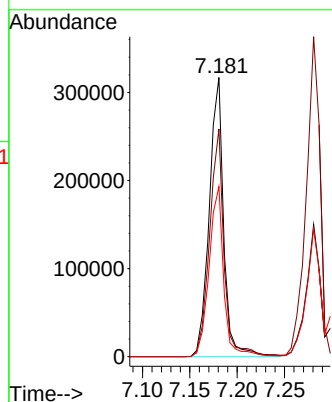
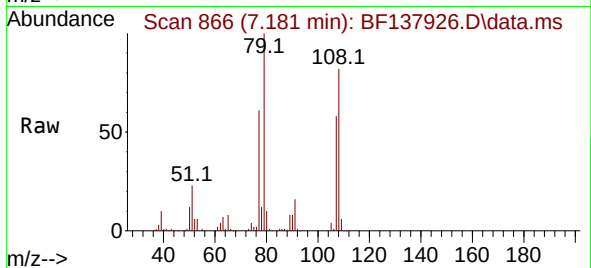




#15
Benzyl Alcohol
Concen: 46.938 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

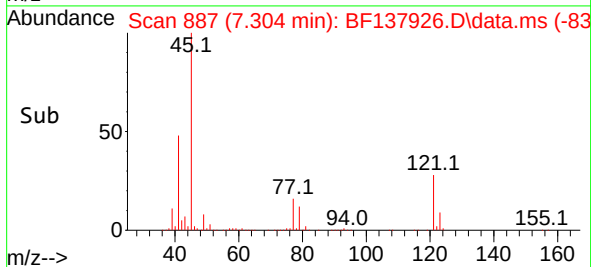
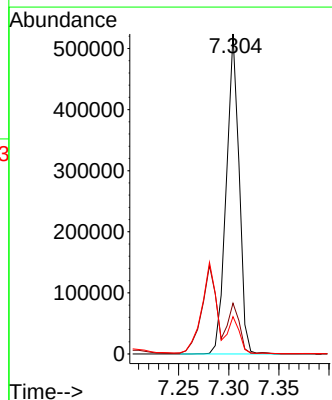
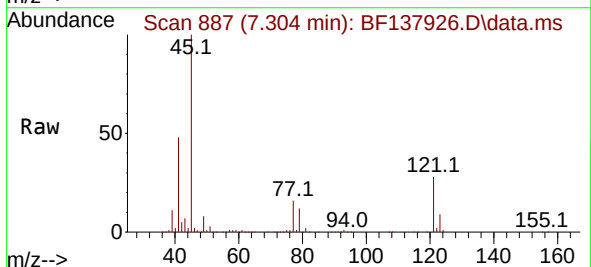
Instrument :
BNA_F
ClientSampleId :
PB160921BS

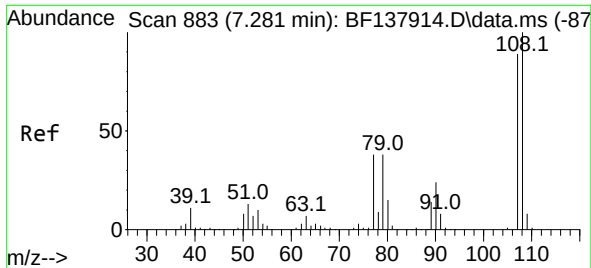
Tgt Ion: 79 Resp: 336561
Ion Ratio Lower Upper
79 100
108 81.6 62.8 94.2
77 60.9 48.7 73.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.302 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion: 45 Resp: 463415
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.3
79 11.7 0.0 32.1

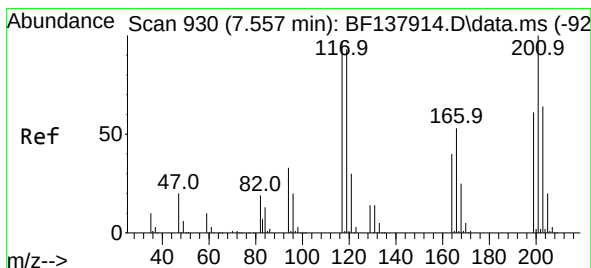
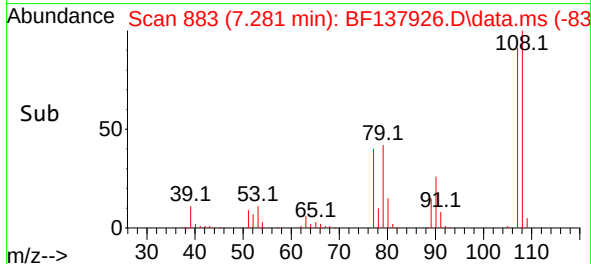
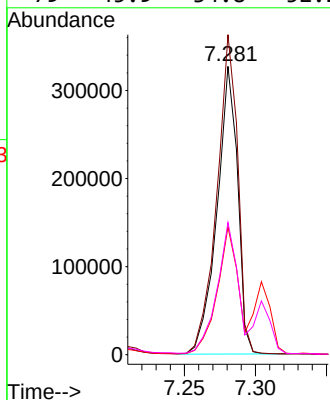
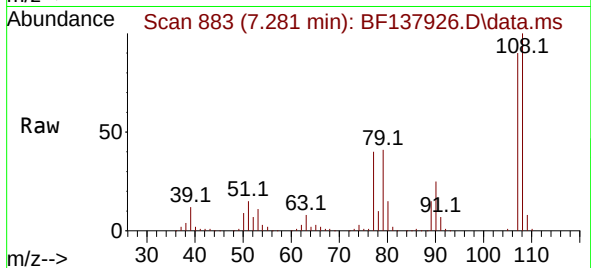




#17
2-Methylphenol
Concen: 43.642 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

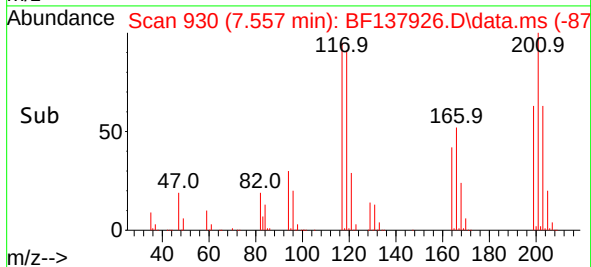
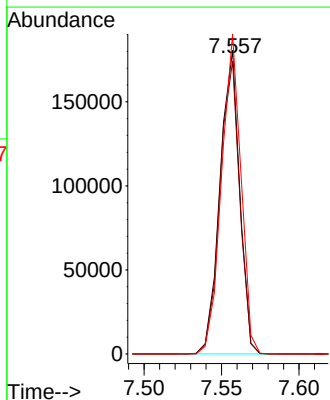
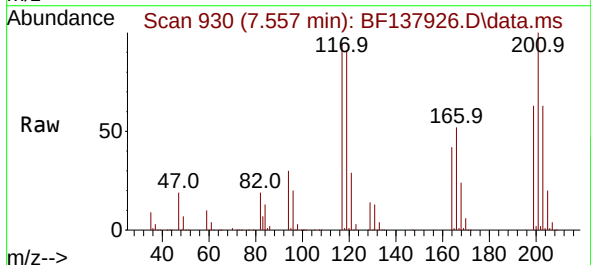
Instrument :
BNA_F
ClientSampleId :
PB160921BS

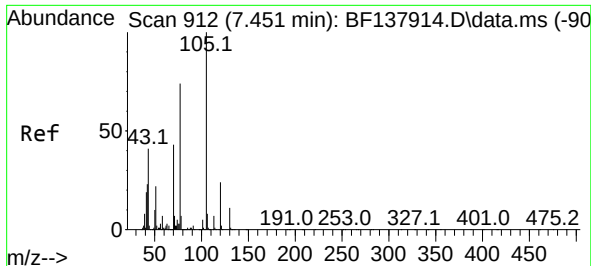
Tgt	Ion:107	Resp:	328322
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.1	135.1
77	44.3	34.3	51.5
79	45.9	34.8	52.2



#18
Hexachloroethane
Concen: 42.985 ng
RT: 7.557 min Scan# 930
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:117	Resp:	159359	
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.8	115.2
201	105.4	82.7	124.1



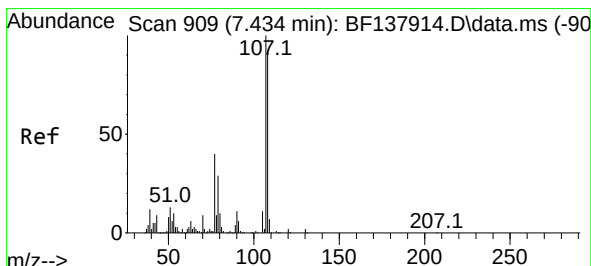
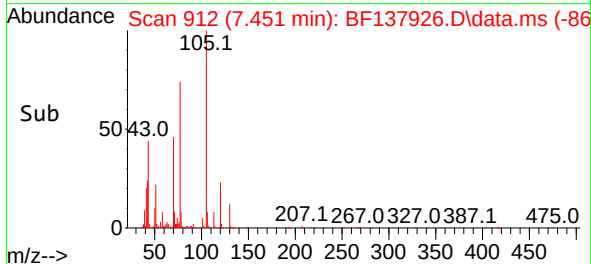
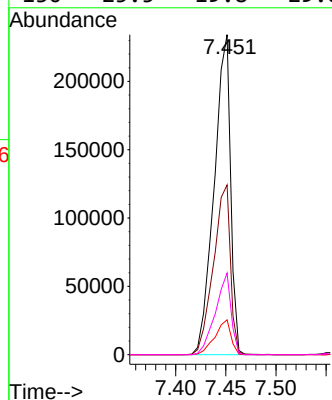
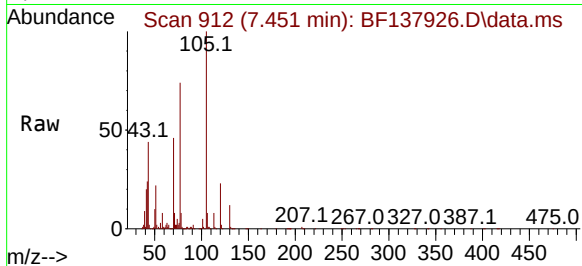


#19
n-Nitroso-di-n-propylamine
Concen: 44.191 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB160921BS

Tgt Ion: 70 Resp: 266594

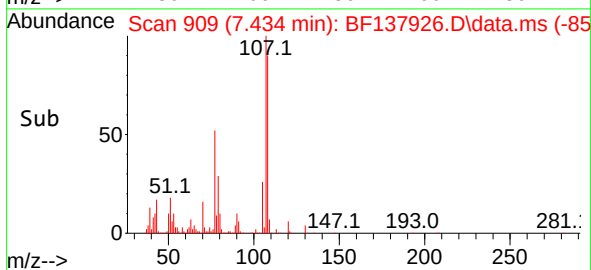
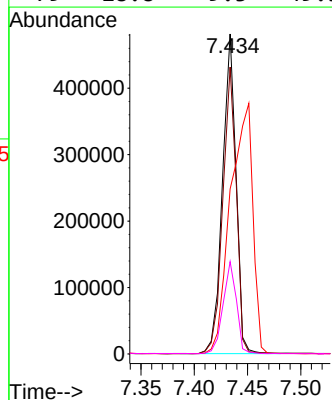
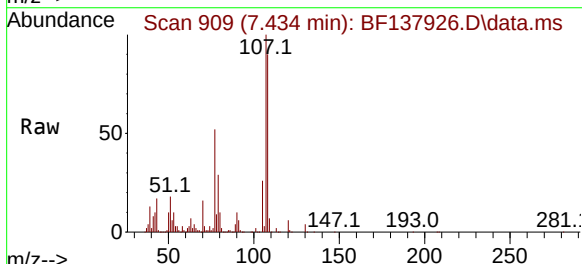
Ion	Ratio	Lower	Upper
70	100		
42	53.0	42.2	63.4
101	10.9	8.8	13.2
130	25.5	19.8	29.8

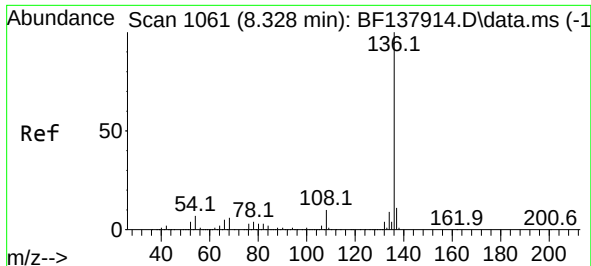


#20
3+4-Methylphenols
Concen: 42.875 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion: 107 Resp: 422566

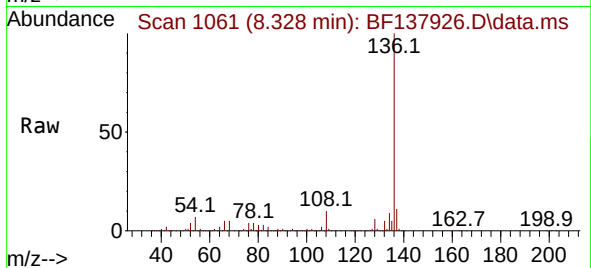
Ion	Ratio	Lower	Upper
107	100		
108	89.6	70.8	110.8
77	51.5	20.2	60.2
79	28.8	9.3	49.3





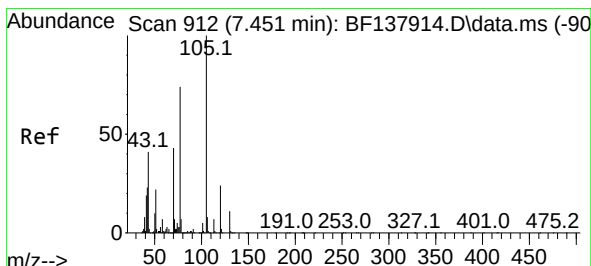
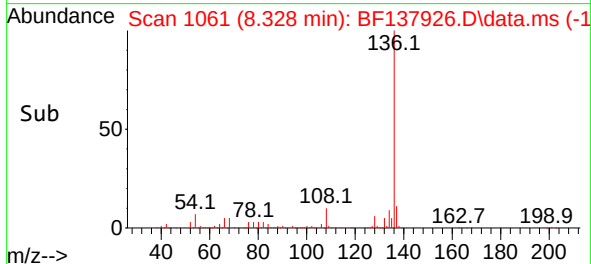
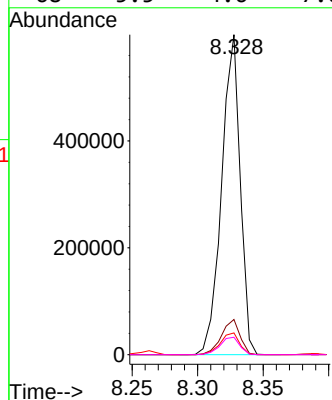
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.328 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB160921BS



Tgt Ion:136 Resp: 587024

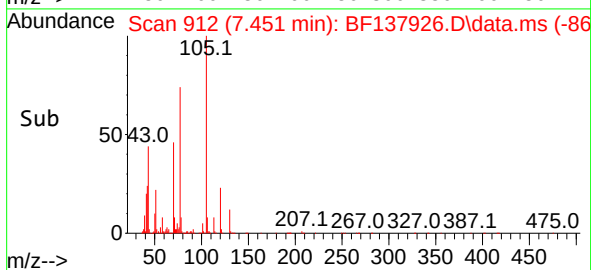
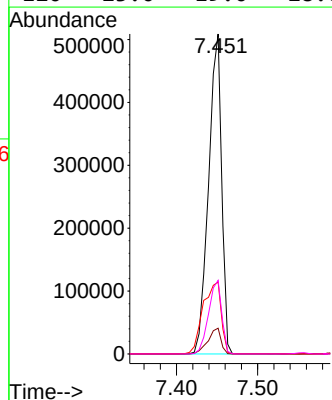
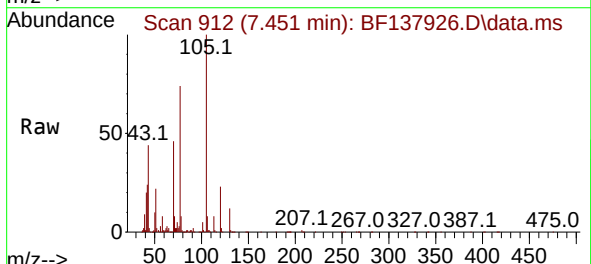
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.4	8.2
68	5.5	4.6	7.0

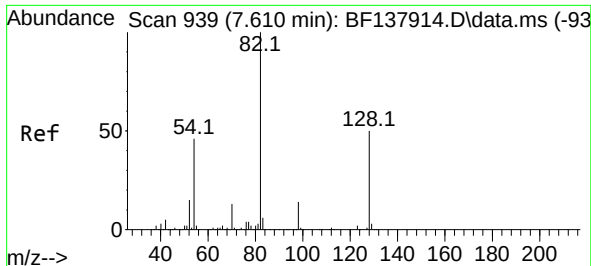


#22
Acetophenone
Concen: 43.082 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:105 Resp: 566539

Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.7	8.5
51	22.5	17.8	26.8
120	23.0	19.0	28.6

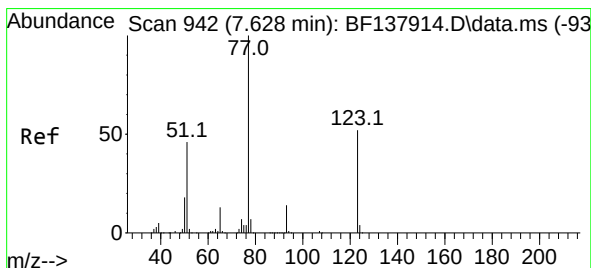
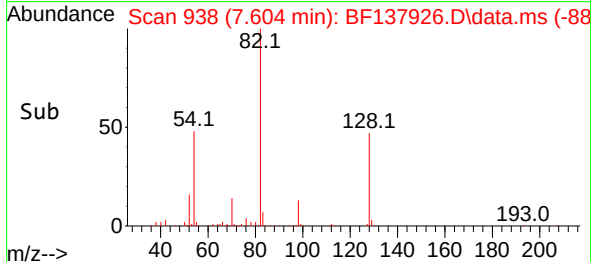
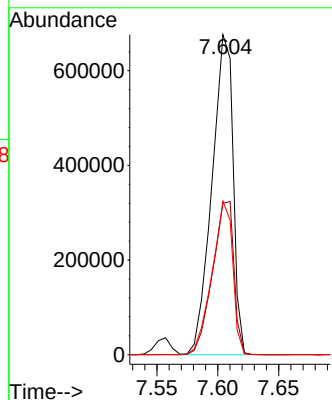
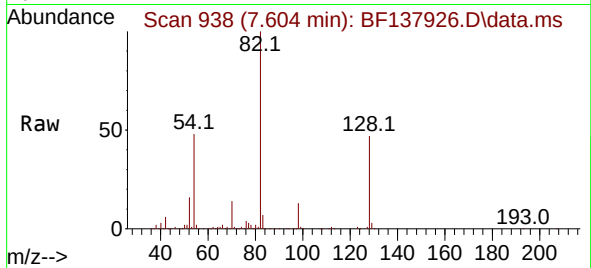




#23
Nitrobenzene-d5
Concen: 81.751 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

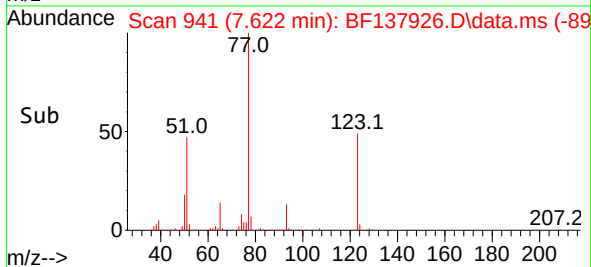
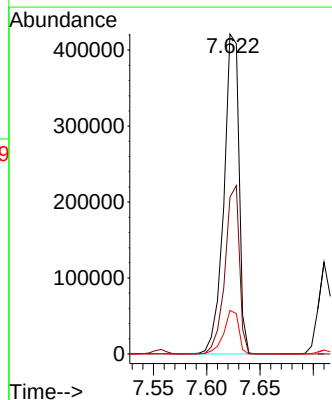
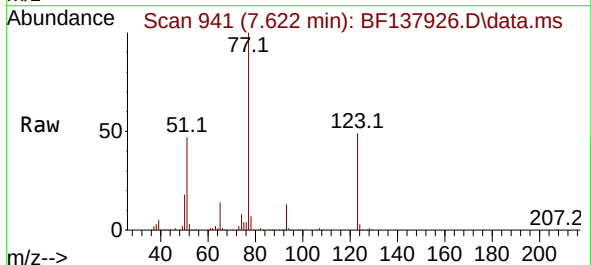
Instrument :
BNA_F
ClientSampleId :
PB160921BS

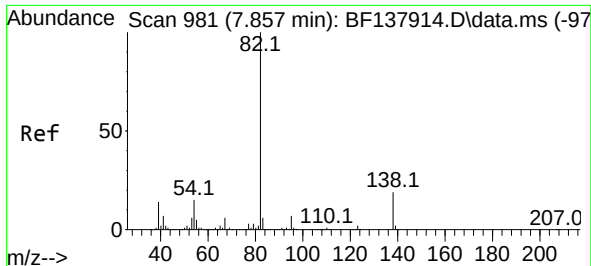
Tgt Ion: 82 Resp: 815451
Ion Ratio Lower Upper
82 100
128 47.3 40.3 60.5
54 48.0 36.8 55.2



#24
Nitrobenzene
Concen: 41.016 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion: 77 Resp: 415042
Ion Ratio Lower Upper
77 100
123 49.0 41.4 62.2
65 13.6 10.5 15.7

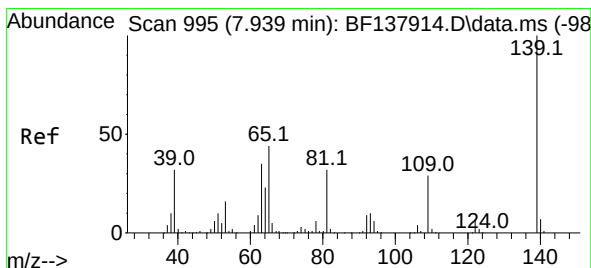
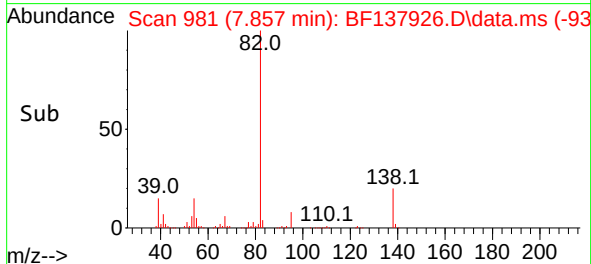
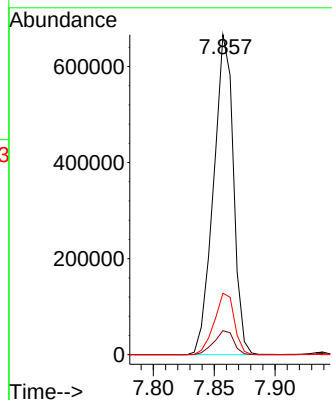
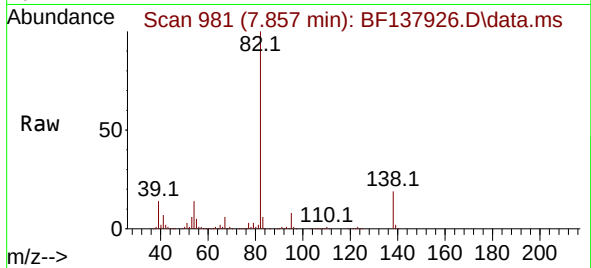




#25
Isophorone
Concen: 43.679 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

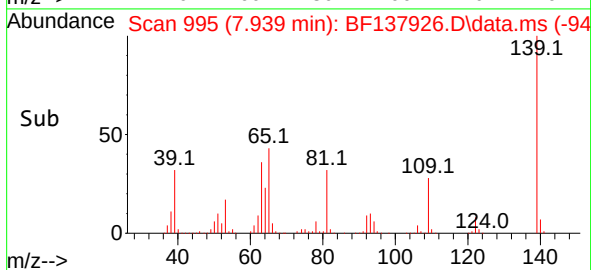
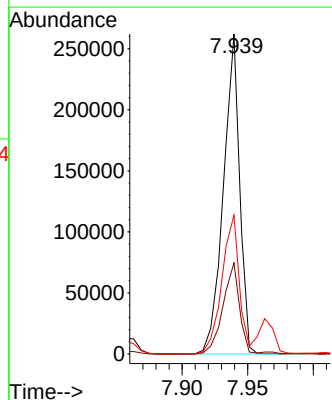
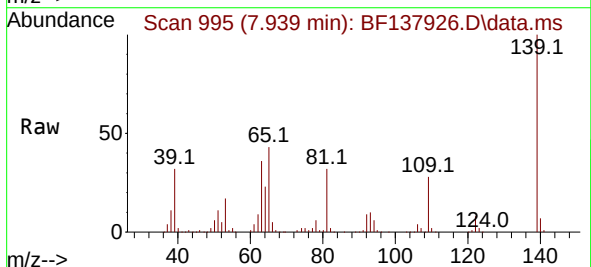
Instrument :
BNA_F
ClientSampleId :
PB160921BS

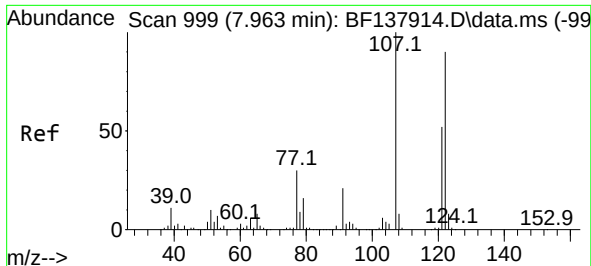
Tgt Ion: 82 Resp: 756162
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 19.2 15.0 22.4



#26
2-Nitrophenol
Concen: 44.288 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:139 Resp: 225183
Ion Ratio Lower Upper
139 100
109 28.4 22.8 34.2
65 43.4 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 46.740 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

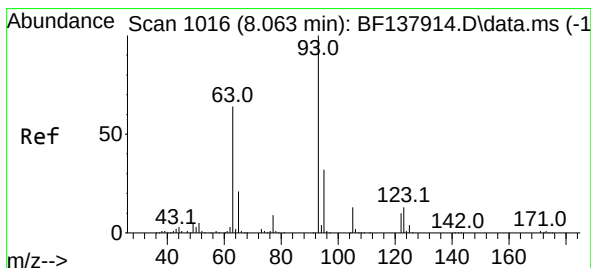
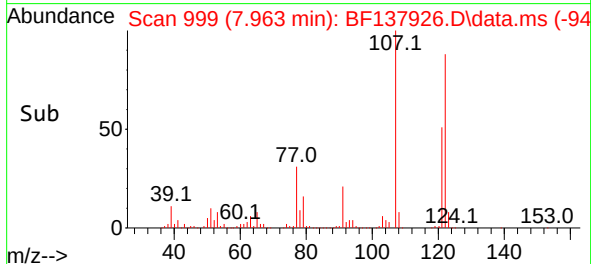
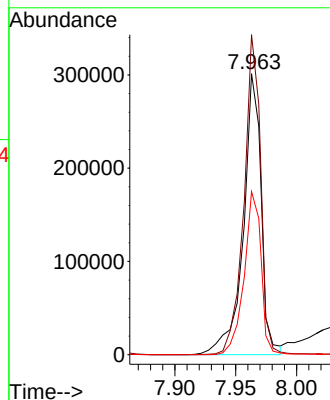
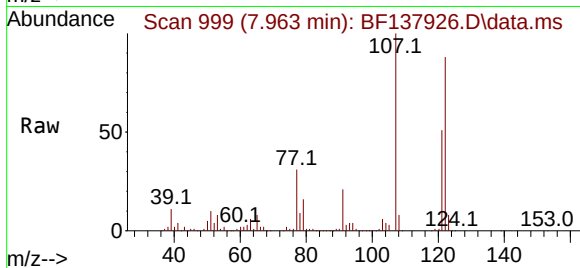
Tgt Ion:122 Resp: 305971

Ion Ratio Lower Upper

122 100

107 113.9 89.0 133.4

121 58.1 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.113 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

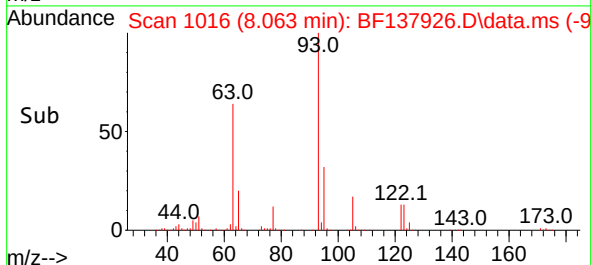
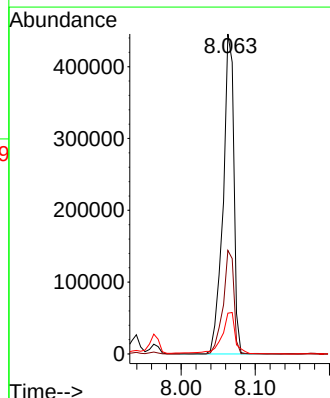
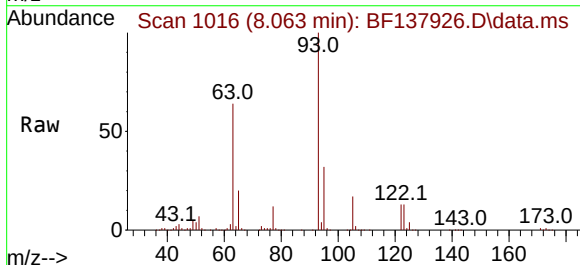
Tgt Ion: 93 Resp: 452353

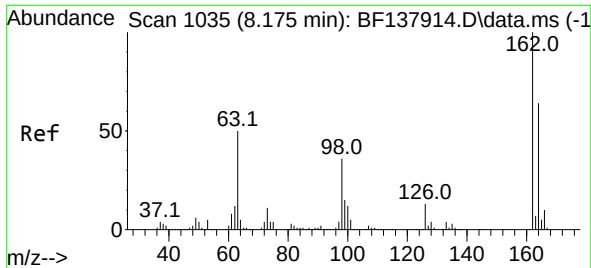
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 12.8 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 43.325 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

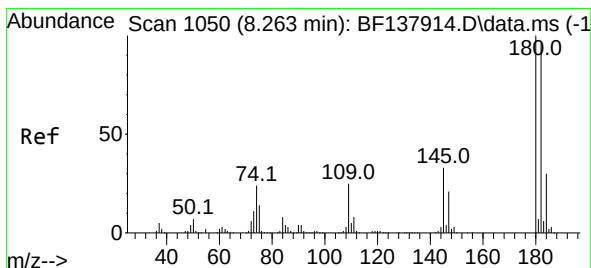
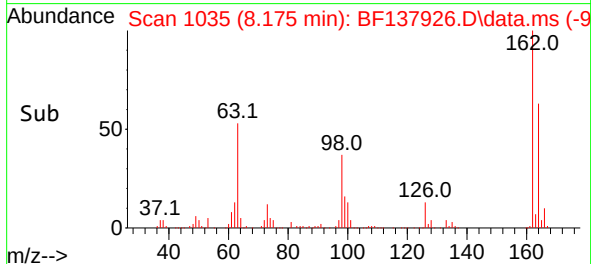
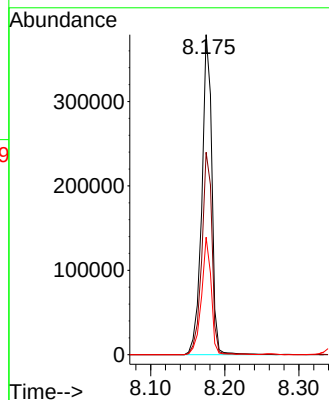
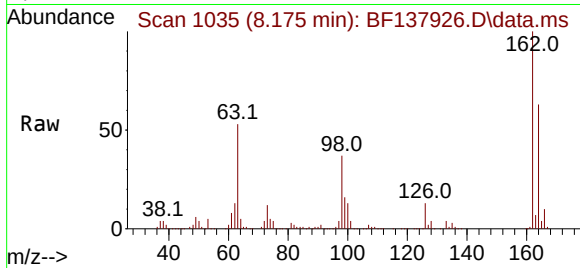
Tgt Ion:162 Resp: 356643

Ion Ratio Lower Upper

162 100

164 63.2 44.3 84.3

98 36.7 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 41.364 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

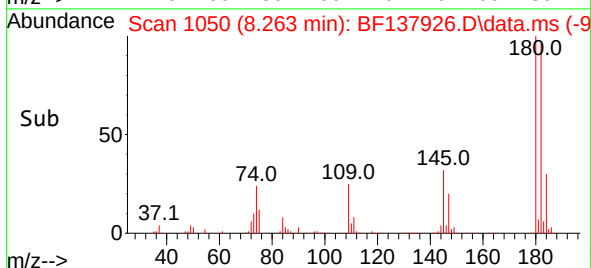
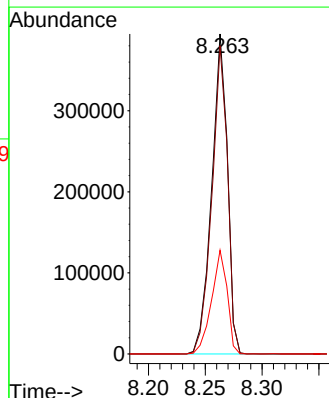
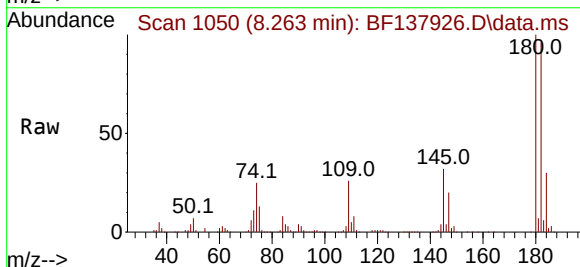
Tgt Ion:180 Resp: 380184

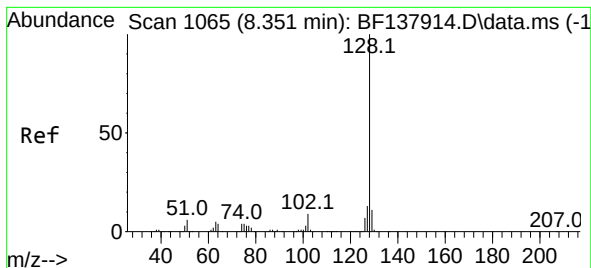
Ion Ratio Lower Upper

180 100

182 96.3 76.5 114.7

145 32.4 26.2 39.2





#31

Naphthalene

Concen: 41.576 ng

RT: 8.351 min Scan# 1065

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

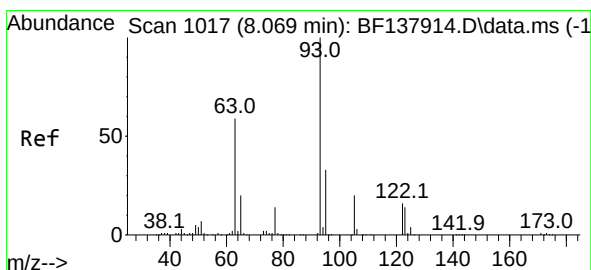
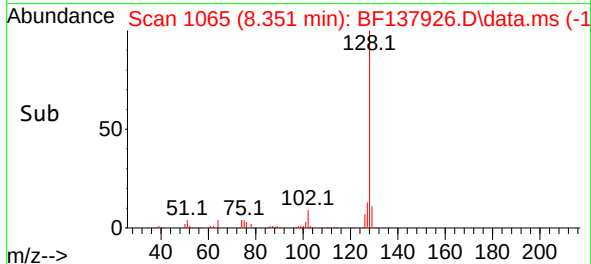
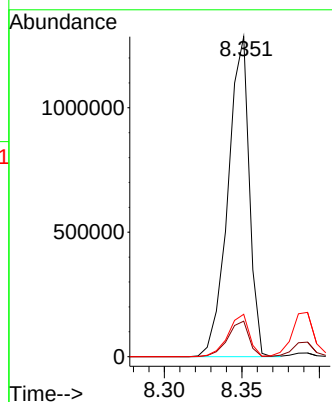
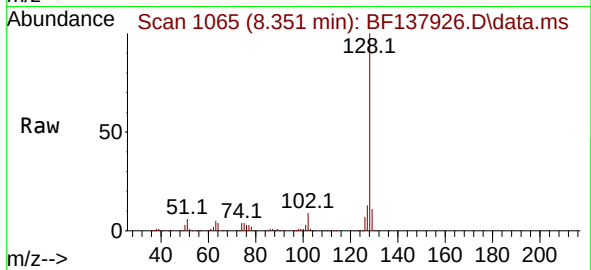
Tgt Ion:128 Resp: 1227133

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 44.154 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.012 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

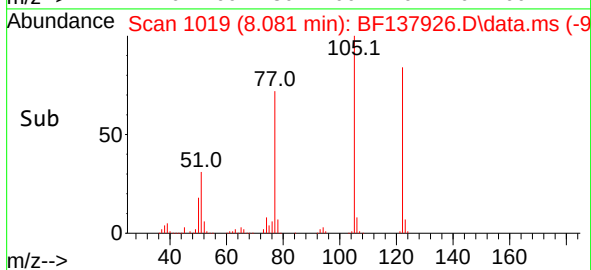
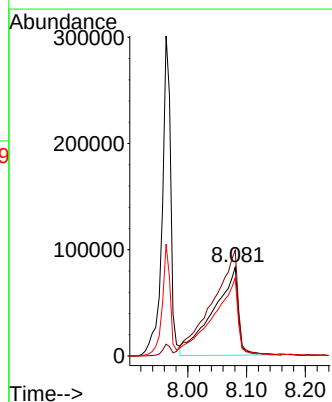
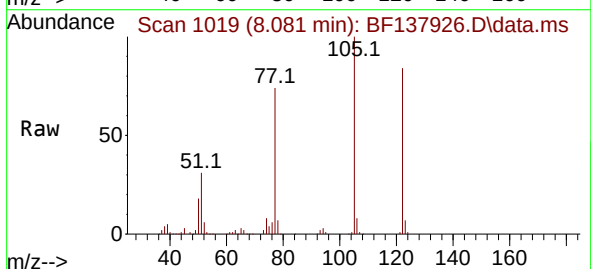
Tgt Ion:122 Resp: 244335

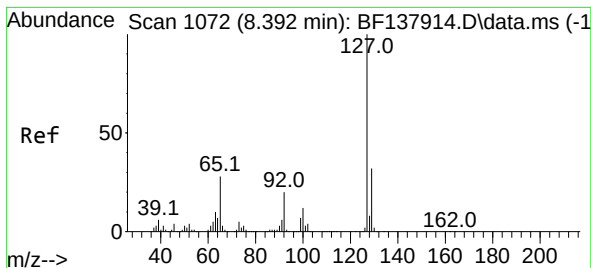
Ion Ratio Lower Upper

122 100

105 119.3 103.8 143.8

77 88.0 68.4 108.4





#33

4-Chloroaniline

Concen: 19.042 ng

RT: 8.392 min Scan# 1072

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

Tgt Ion:127 Resp: 184248

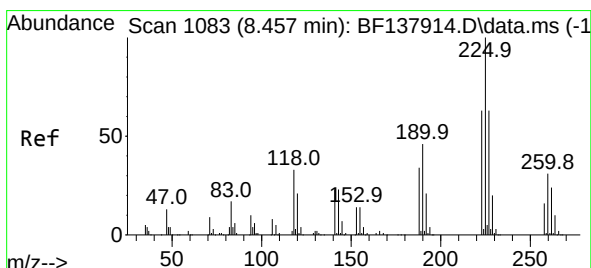
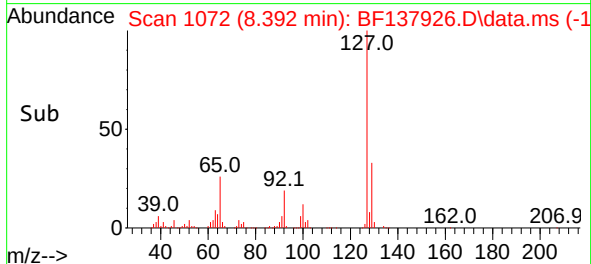
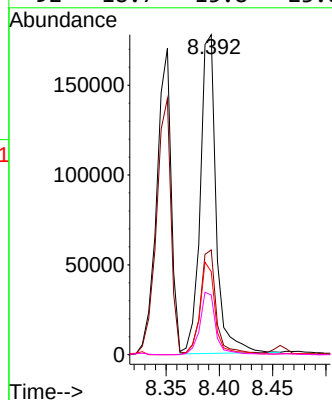
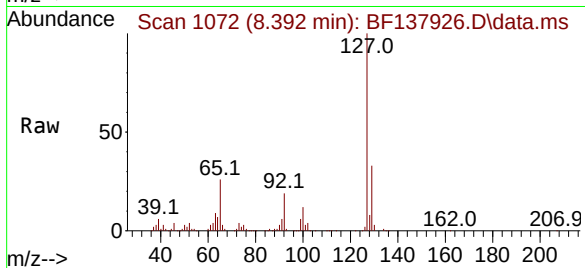
Ion Ratio Lower Upper

127 100

129 32.7 25.4 38.2

65 26.0 22.0 33.0

92 18.7 15.8 23.8



#34

Hexachlorobutadiene

Concen: 40.701 ng

RT: 8.457 min Scan# 1083

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

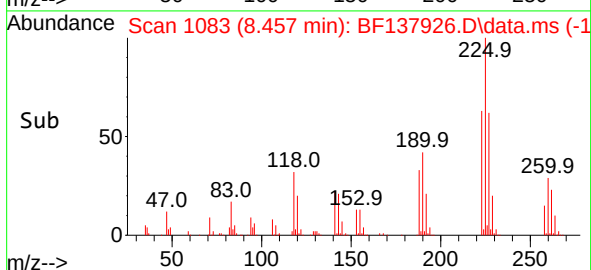
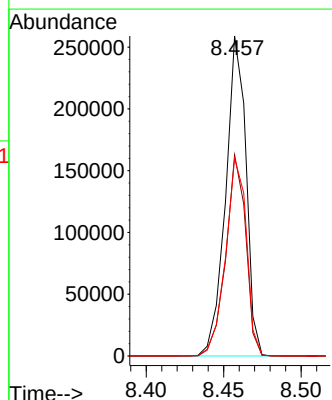
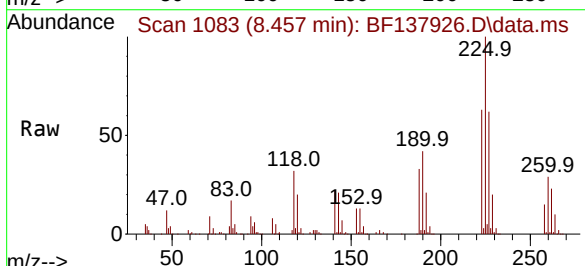
Tgt Ion:225 Resp: 236783

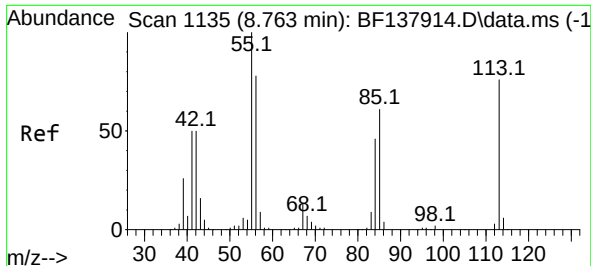
Ion Ratio Lower Upper

225 100

223 62.9 50.0 75.0

227 61.8 50.2 75.4

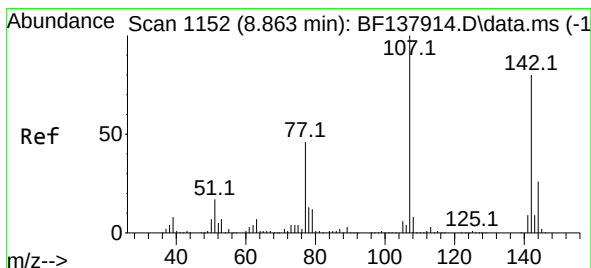
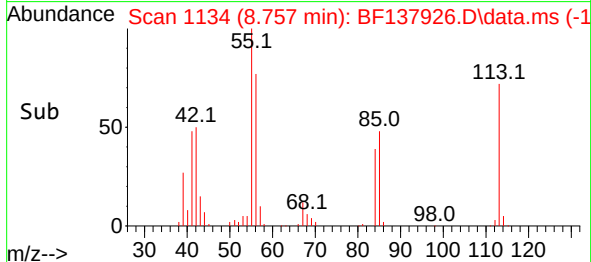
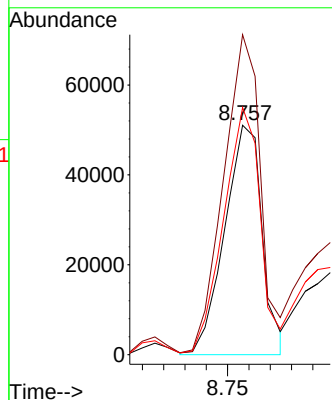
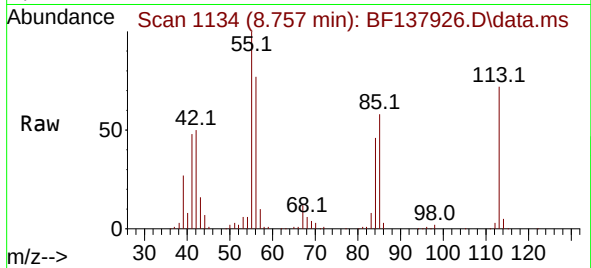




#35
 Caprolactam
 Concen: 26.100 ng
 RT: 8.757 min Scan# 1135
 Delta R.T. -0.006 min
 Lab File: BF137926.D
 Acq: 17 May 2024 12:19

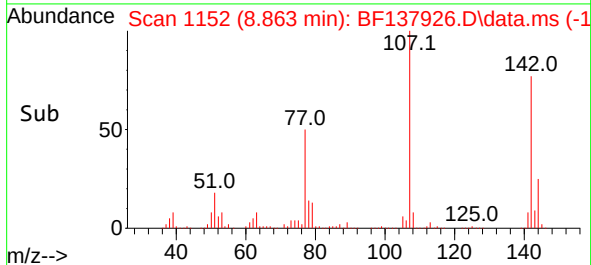
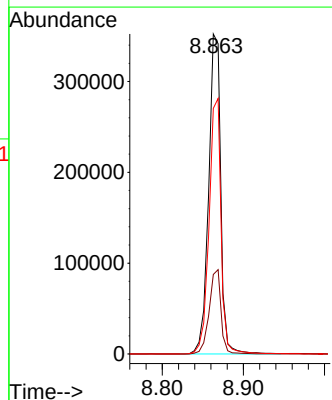
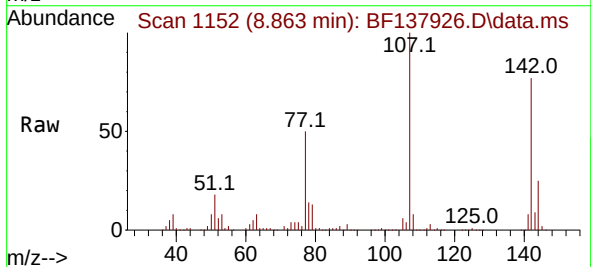
Instrument :
 BNA_F
 ClientSampleId :
 PB160921BS

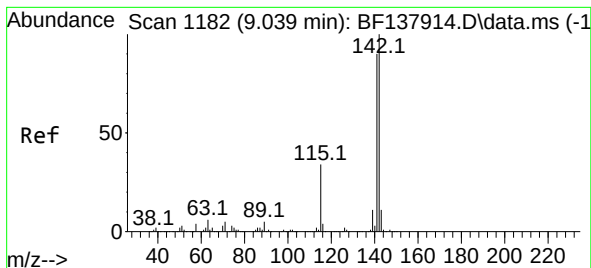
Tgt Ion:113 Resp: 62246
 Ion Ratio Lower Upper
 113 100
 55 139.5 112.3 152.3
 56 107.7 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.464 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF137926.D
 Acq: 17 May 2024 12:19

Tgt Ion:107 Resp: 363964
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.7 31.1
 142 76.8 64.0 96.0





#37

2-Methylnaphthalene

Concen: 42.626 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

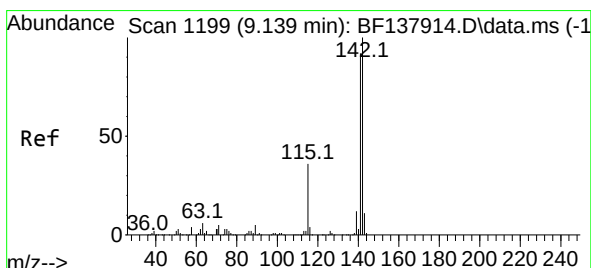
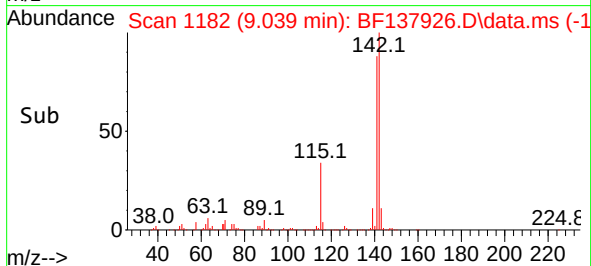
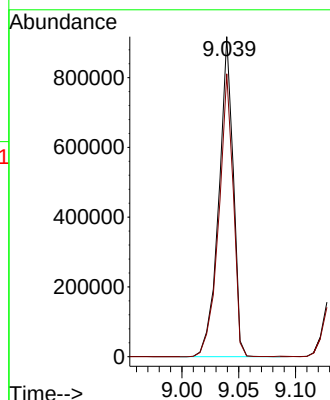
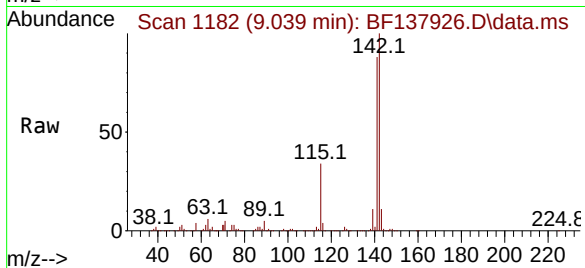
PB160921BS

Tgt Ion:142 Resp: 808720

Ion Ratio Lower Upper

142 100

141 88.4 72.0 108.0



#38

1-Methylnaphthalene

Concen: 40.026 ng

RT: 9.139 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF137926.D

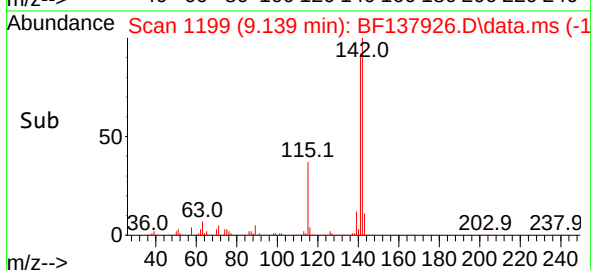
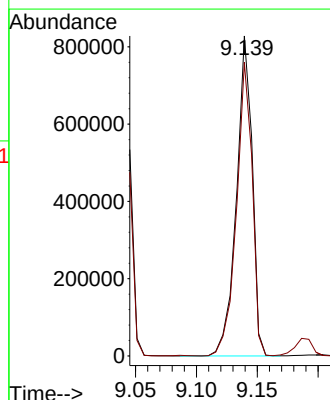
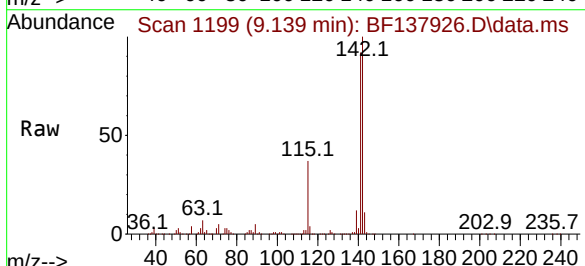
Acq: 17 May 2024 12:19

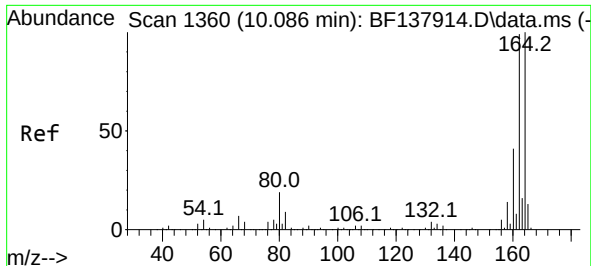
Tgt Ion:142 Resp: 746559

Ion Ratio Lower Upper

142 100

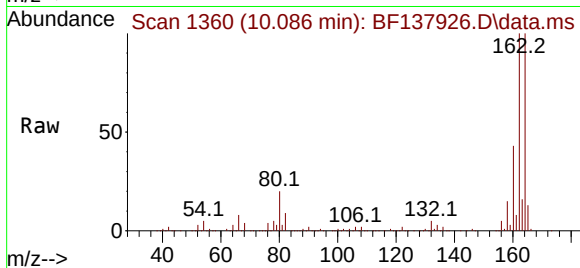
141 91.8 73.7 110.5



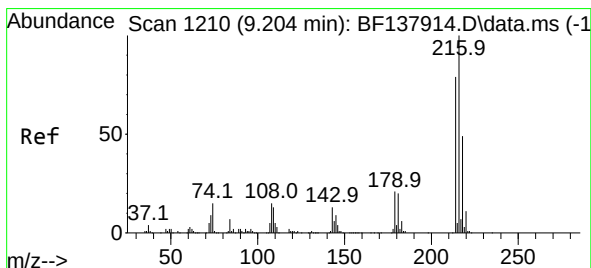
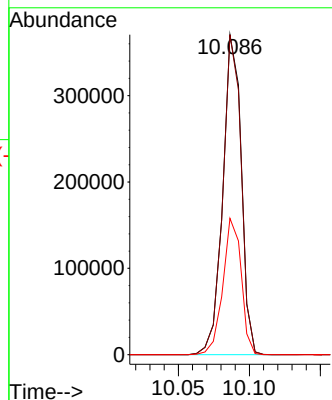
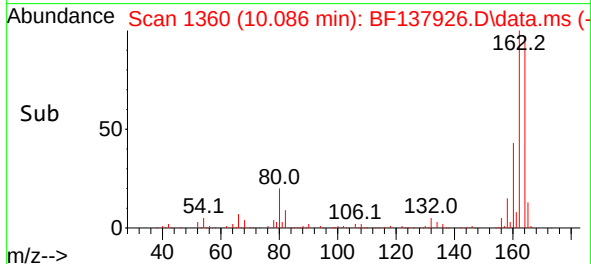


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

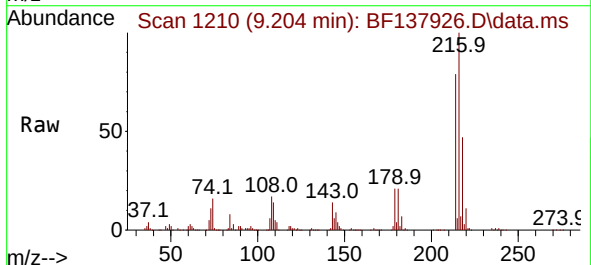
Instrument :
BNA_F
ClientSampleId :
PB160921BS



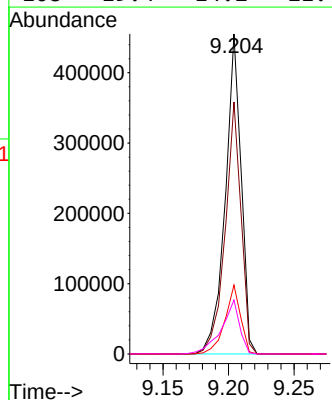
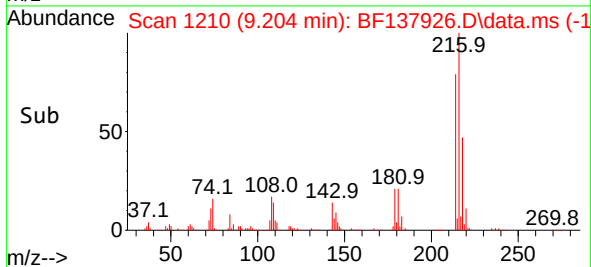
Tgt Ion:164 Resp: 334060
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 42.6 33.1 49.7

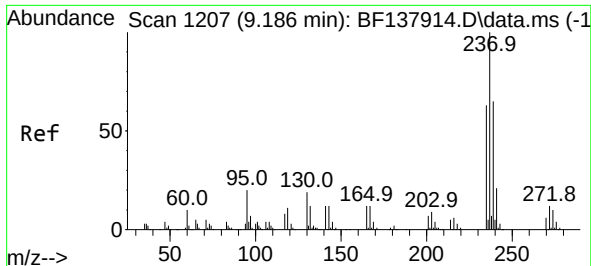


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.096 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19



Tgt Ion:216 Resp: 382311
Ion Ratio Lower Upper
216 100
214 78.4 63.4 95.2
179 21.2 17.0 25.4
108 19.4 14.2 21.4

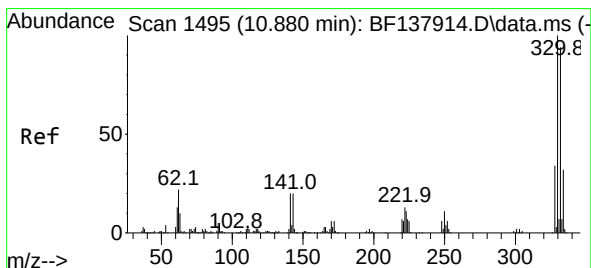
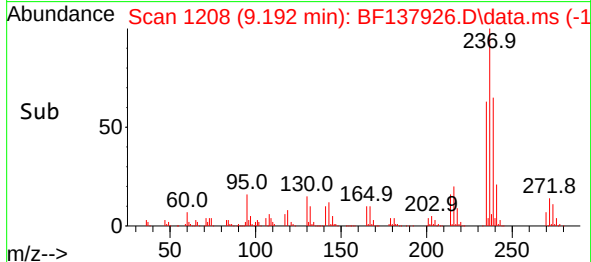
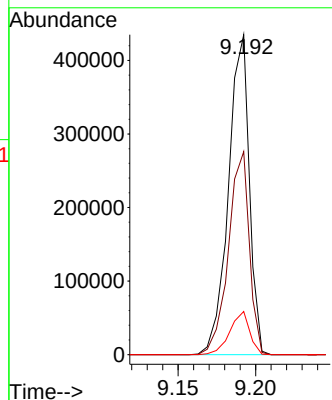
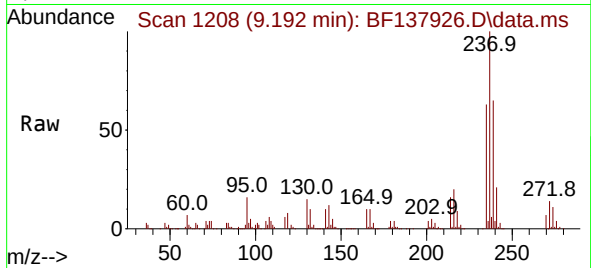




#41
Hexachlorocyclopentadiene
Concen: 117.956 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

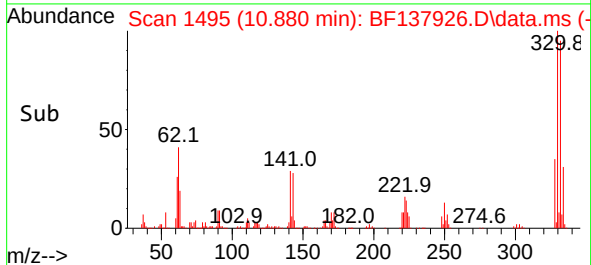
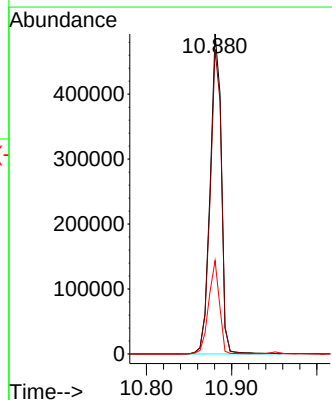
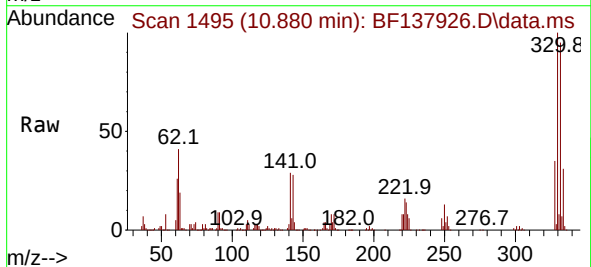
Instrument :
BNA_F
ClientSampleId :
PB160921BS

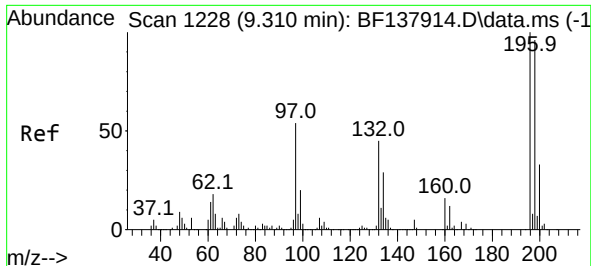
Tgt Ion:237 Resp: 407050
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 13.5 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 133.649 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:330 Resp: 450173
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.8
141 28.0 23.8 35.6

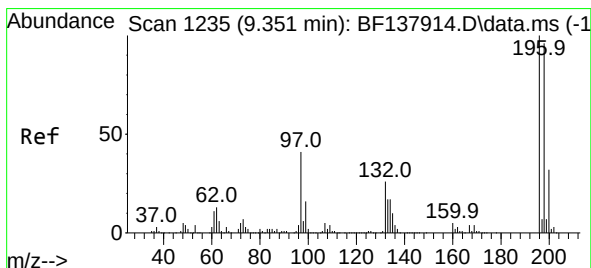
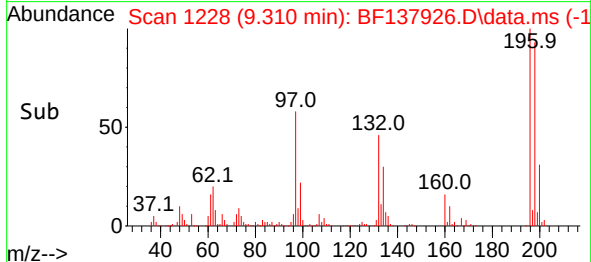
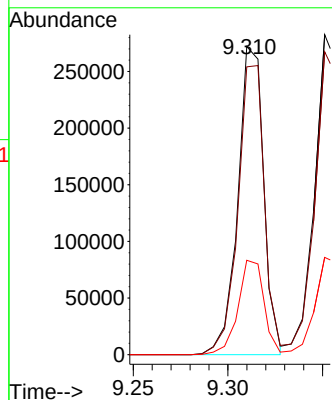
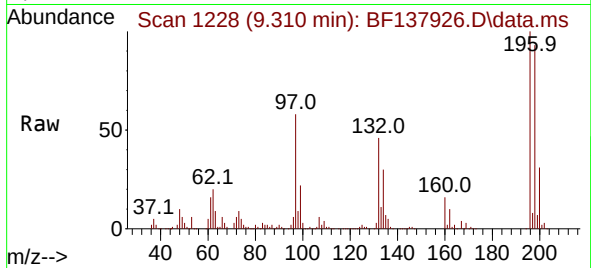




#43
2,4,6-Trichlorophenol
Concen: 43.368 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

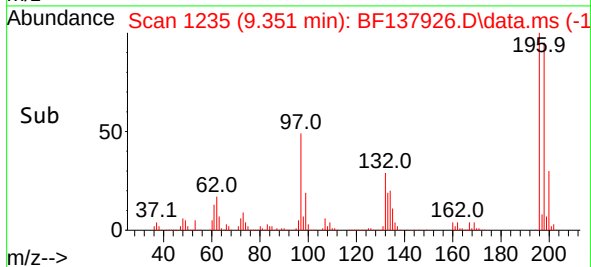
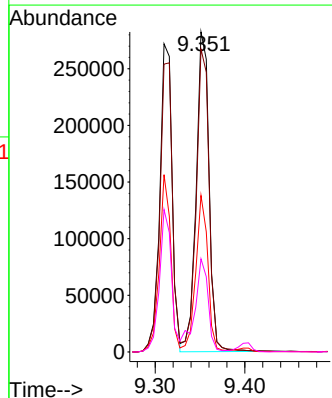
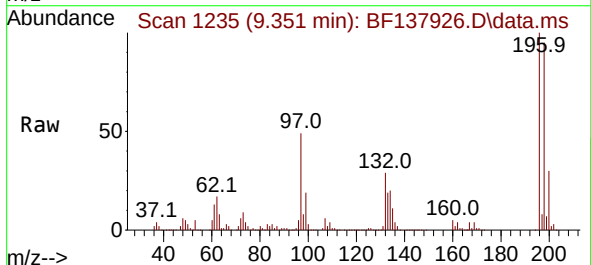
Instrument :
BNA_F
ClientSampleId :
PB160921BS

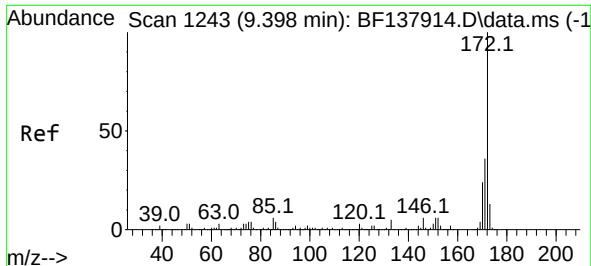
Tgt Ion:196 Resp: 258241
Ion Ratio Lower Upper
196 100
198 93.4 77.0 115.4
200 30.6 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 43.219 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:196 Resp: 281593
Ion Ratio Lower Upper
196 100
198 94.7 77.4 116.0
97 48.9 32.9 49.3
132 29.1 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 79.839 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

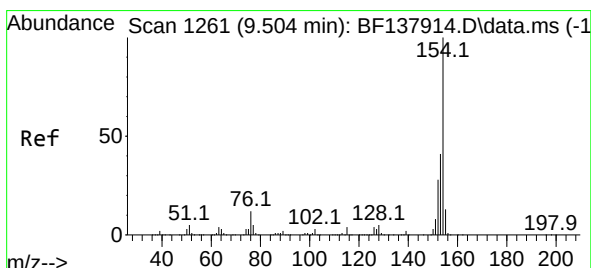
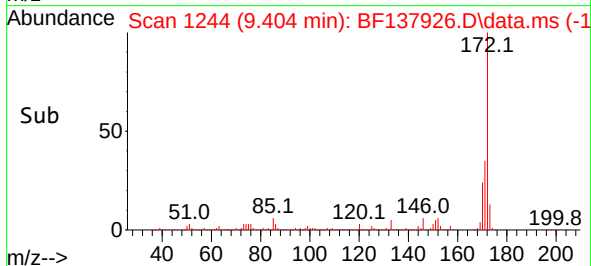
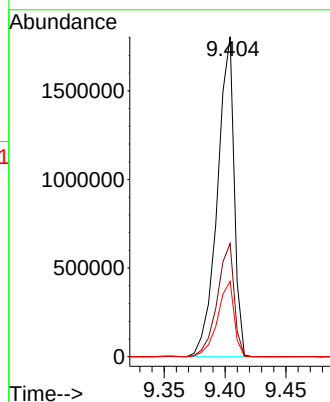
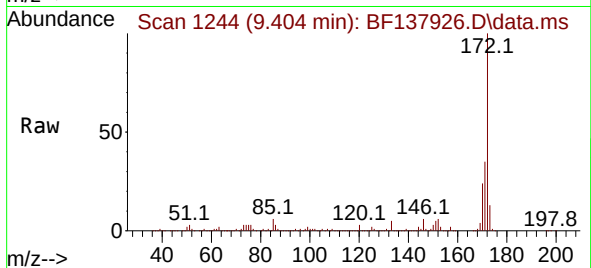
Tgt Ion:172 Resp: 1731439

Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.211 ng

RT: 9.504 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

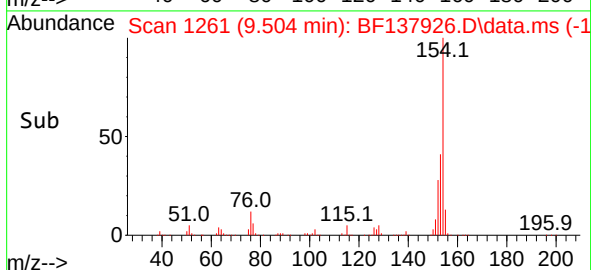
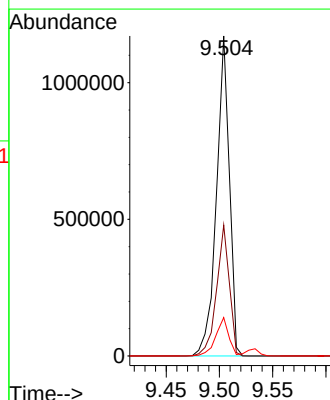
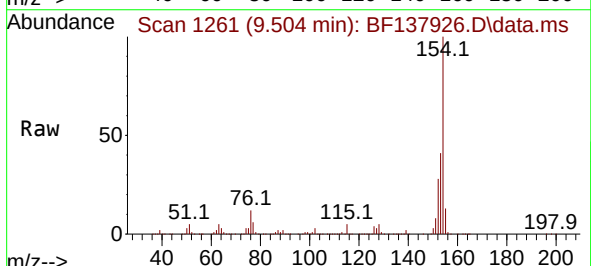
Tgt Ion:154 Resp: 989026

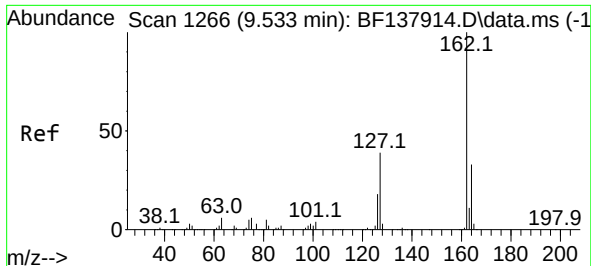
Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

76 12.0 0.0 31.9

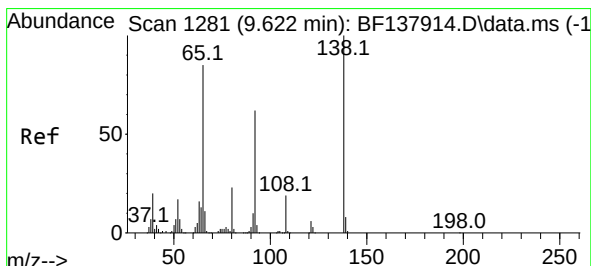
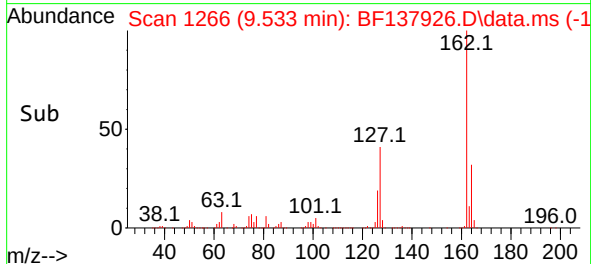
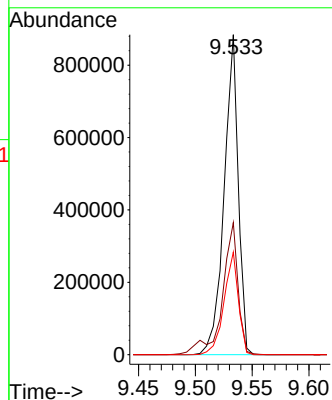
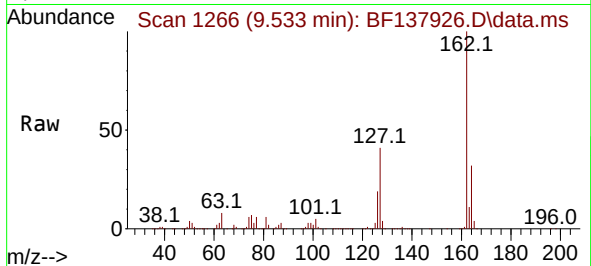




#47
2-Chloronaphthalene
Concen: 41.011 ng
RT: 9.533 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

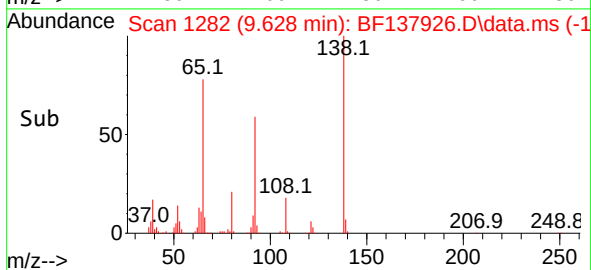
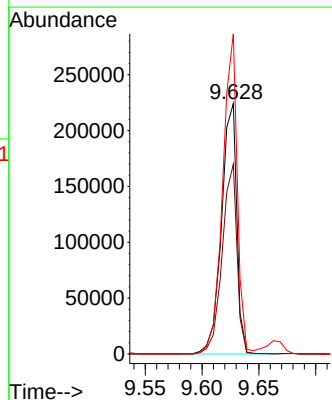
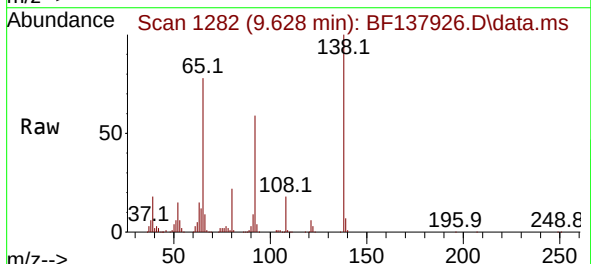
Instrument :
BNA_F
ClientSampleId :
PB160921BS

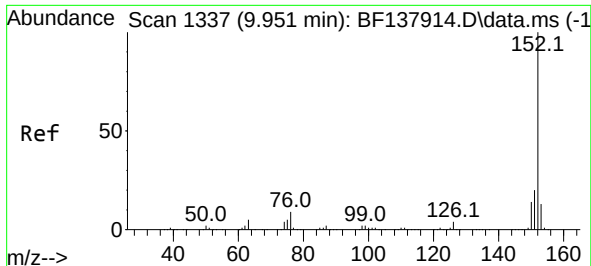
Tgt Ion:162 Resp: 767060
Ion Ratio Lower Upper
162 100
127 41.3 32.0 48.0
164 32.1 26.2 39.4



#48
2-Nitroaniline
Concen: 43.968 ng
RT: 9.628 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion: 65 Resp: 210587
Ion Ratio Lower Upper
65 100
92 75.8 58.6 88.0
138 127.8 94.1 141.1





#49

Acenaphthylene

Concen: 45.091 ng

RT: 9.951 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

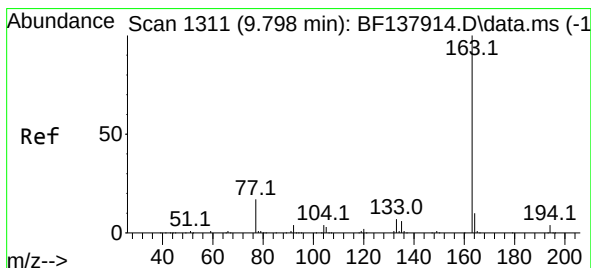
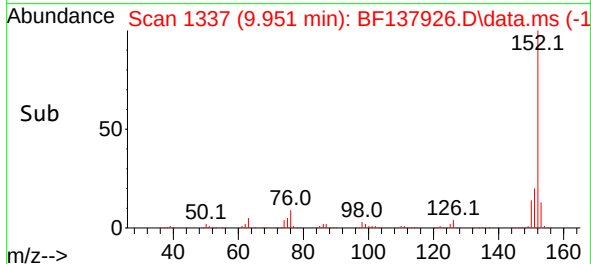
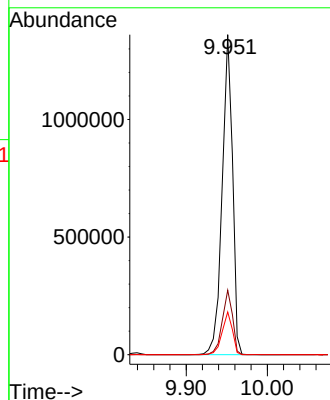
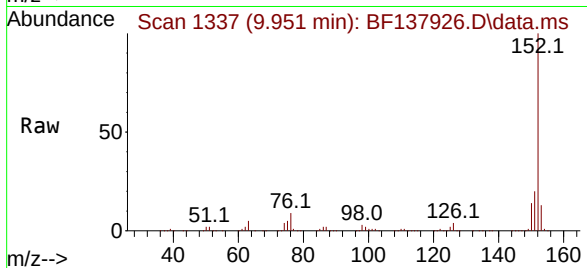
Tgt Ion:152 Resp: 1212657

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.4 10.2 15.4



#50

Dimethylphthalate

Concen: 43.910 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

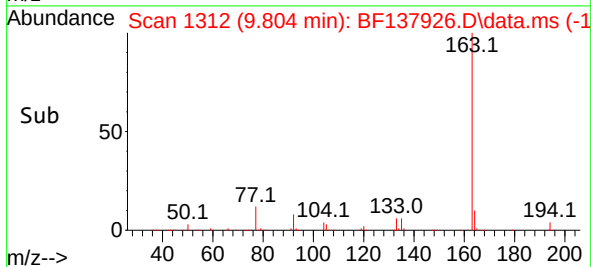
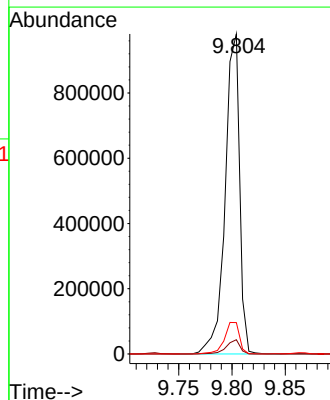
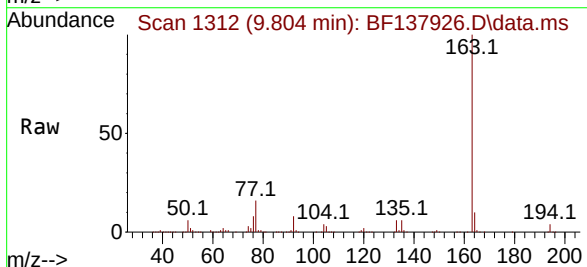
Tgt Ion:163 Resp: 919843

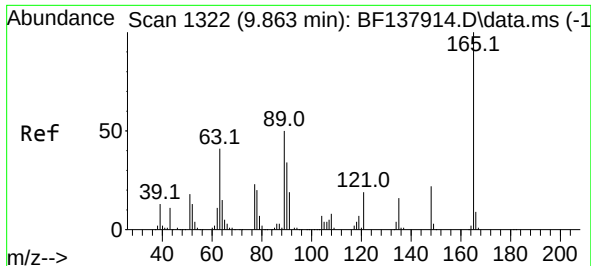
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 9.8 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 42.464 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

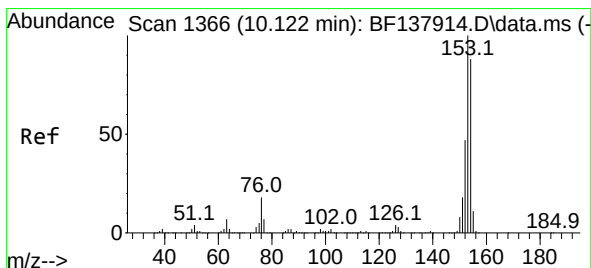
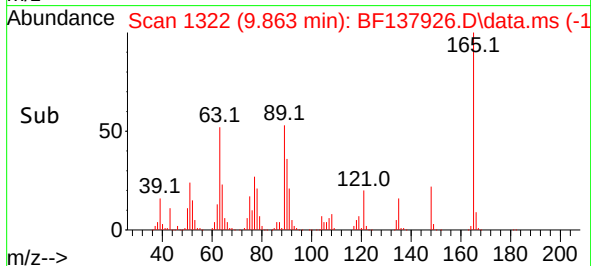
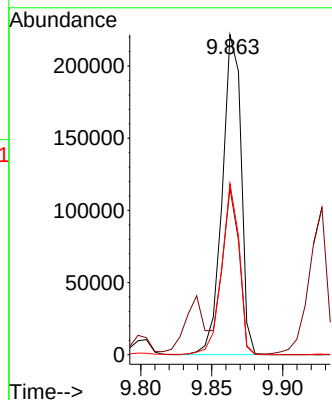
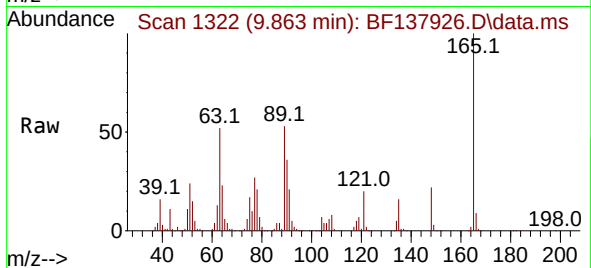
Tgt Ion:165 Resp: 204163

Ion Ratio Lower Upper

165 100

63 52.0 38.9 58.3

89 53.5 40.4 60.6



#52

Acenaphthene

Concen: 46.153 ng

RT: 10.122 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

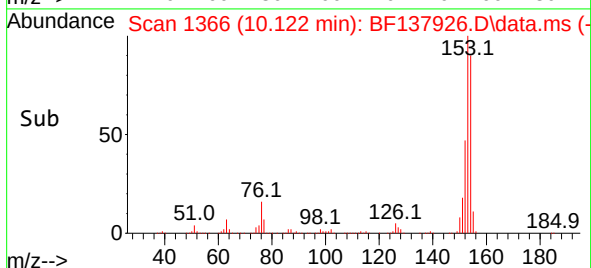
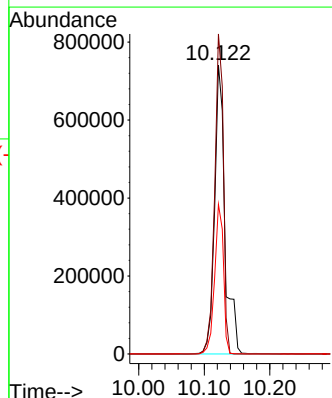
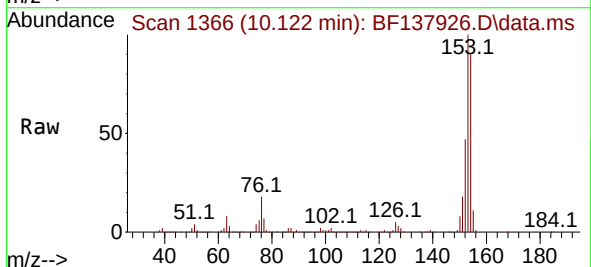
Tgt Ion:154 Resp: 820372

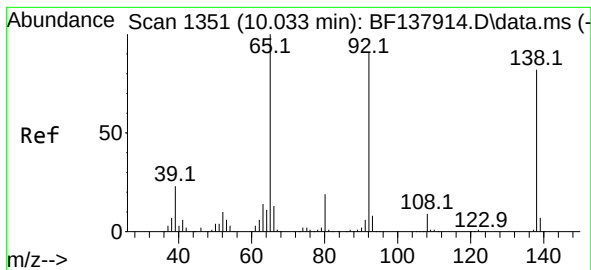
Ion Ratio Lower Upper

154 100

153 110.8 90.4 135.6

152 51.8 42.3 63.5

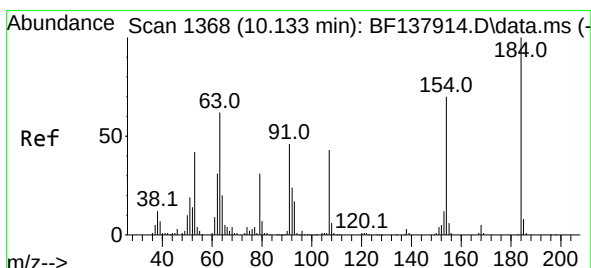
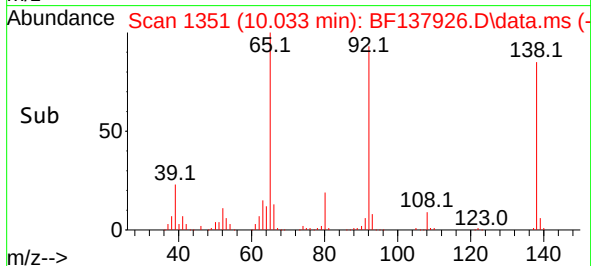
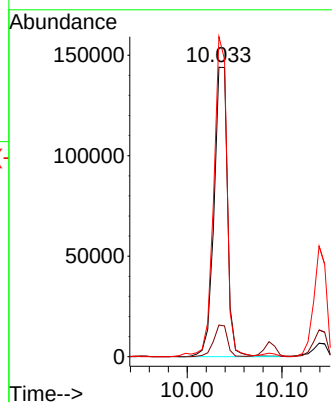
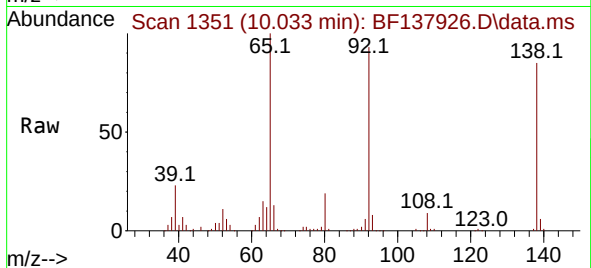




#53
3-Nitroaniline
Concen: 30.145 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

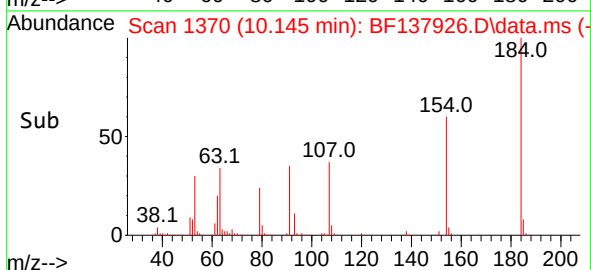
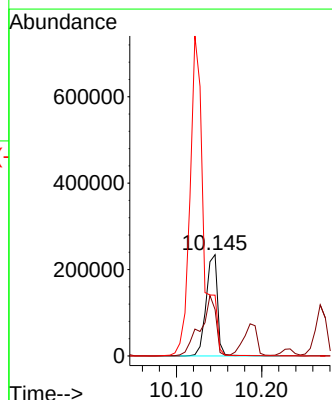
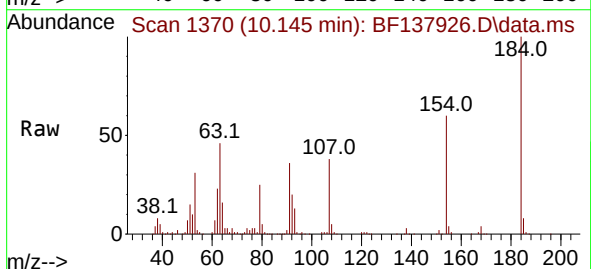
Instrument :
BNA_F
ClientSampleId :
PB160921BS

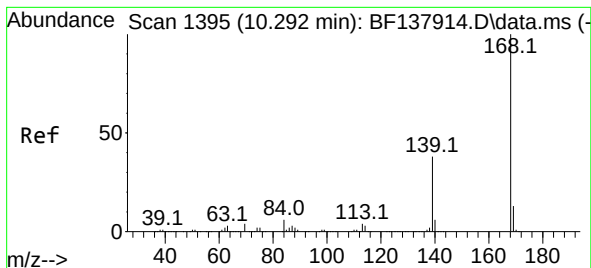
Tgt Ion:138 Resp: 141688
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 110.6 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 83.762 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.012 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:184 Resp: 218498
Ion Ratio Lower Upper
184 100
63 45.8 50.4 75.6#
154 60.0 63.7 95.5#





#55

Dibenzenofuran

Concen: 42.734 ng

RT: 10.298 min Scan# 1395

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

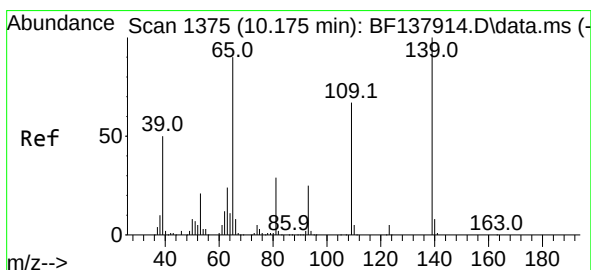
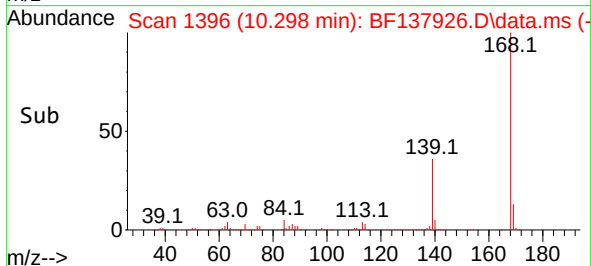
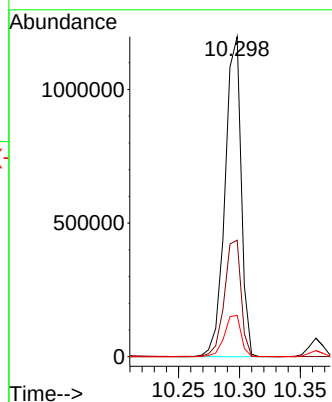
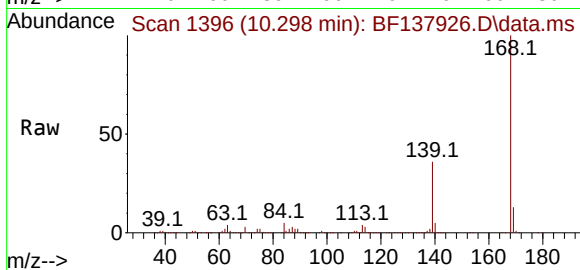
Tgt Ion:168 Resp: 1105482

Ion Ratio Lower Upper

168 100

139 36.4 30.4 45.6

169 12.9 10.5 15.7



#56

4-Nitrophenol

Concen: 96.684 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.018 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

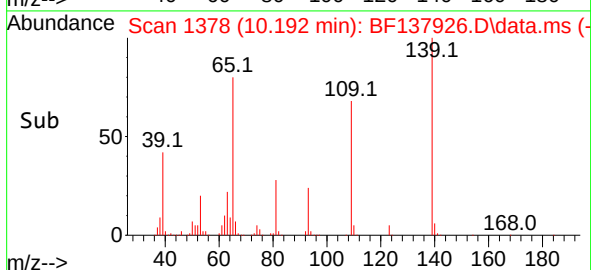
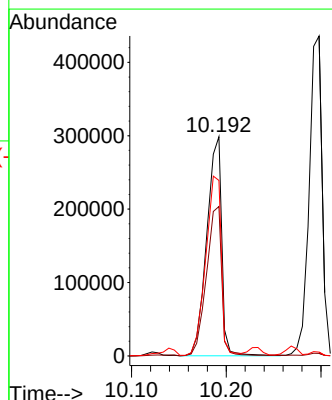
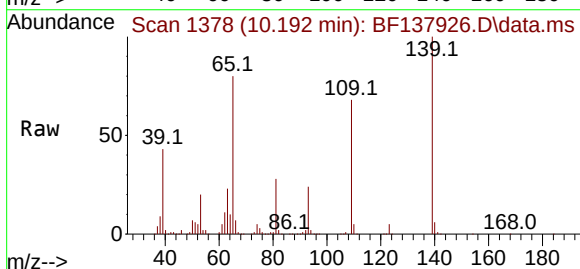
Tgt Ion:139 Resp: 326391

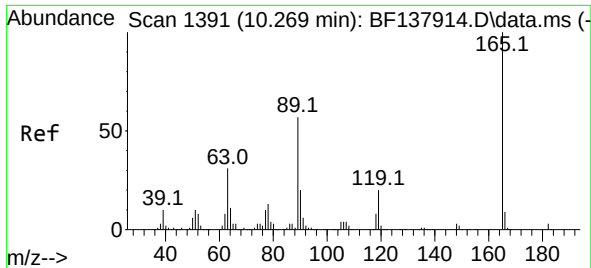
Ion Ratio Lower Upper

139 100

109 68.2 46.5 86.5

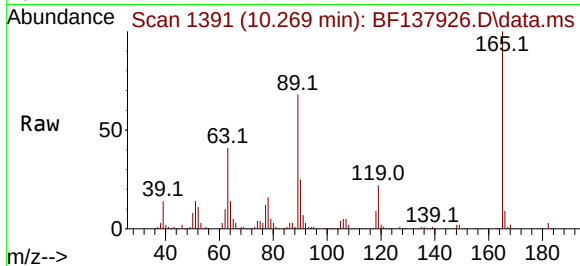
65 80.1 70.4 110.4



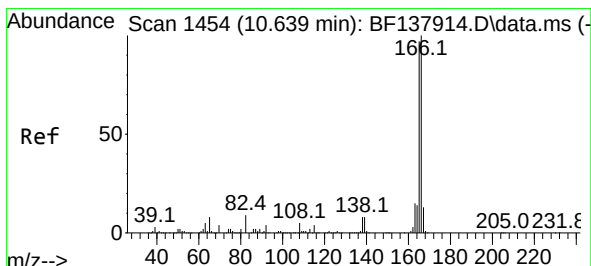
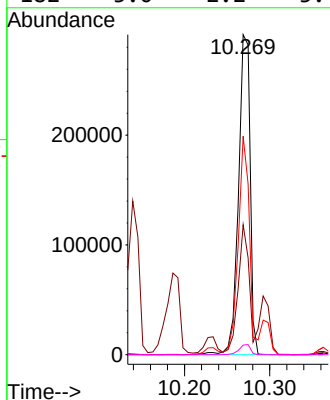
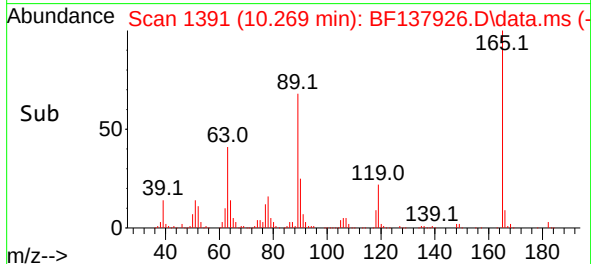


#57
2,4-Dinitrotoluene
Concen: 44.750 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

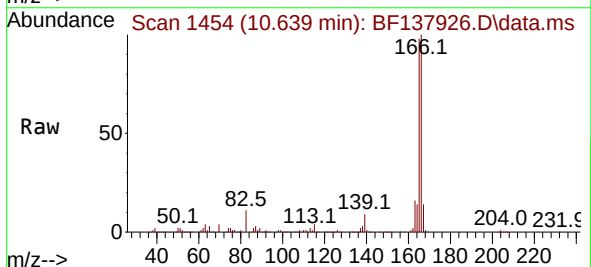
Instrument :
BNA_F
ClientSampleId :
PB160921BS



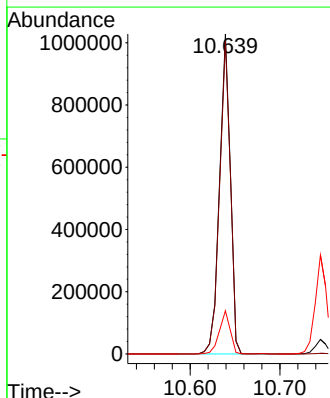
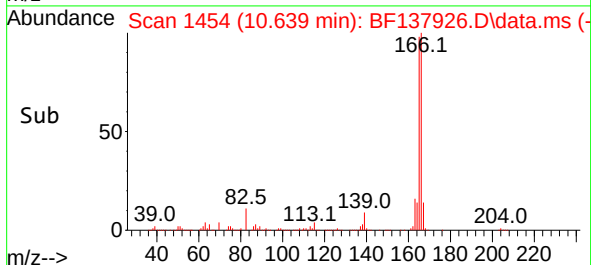
Tgt Ion:165 Resp: 278144
Ion Ratio Lower Upper
165 100
63 40.6 25.3 37.9#
89 68.2 45.9 68.9
182 3.0 2.2 3.4

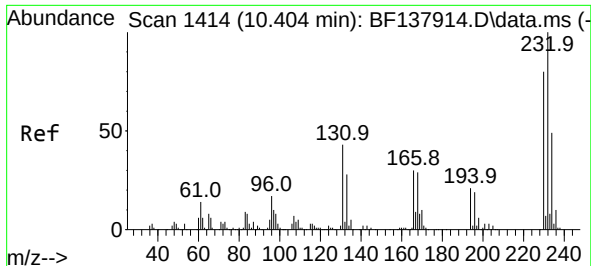


#58
Fluorene
Concen: 42.041 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19



Tgt Ion:166 Resp: 860210
Ion Ratio Lower Upper
166 100
165 97.8 77.8 116.8
167 13.5 10.4 15.6

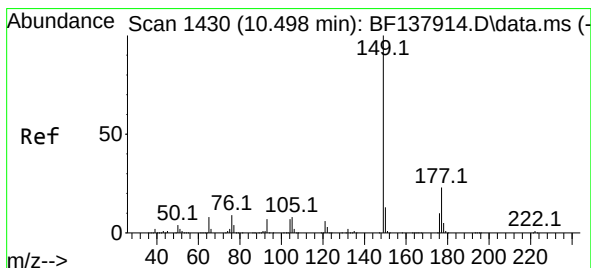
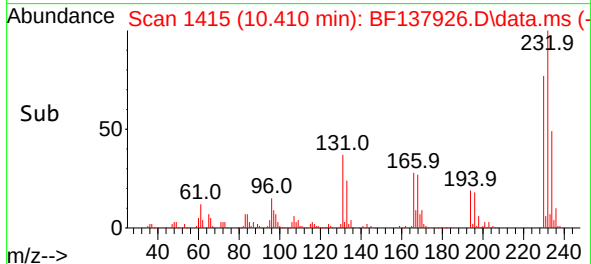
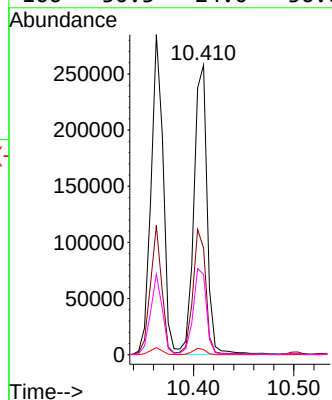
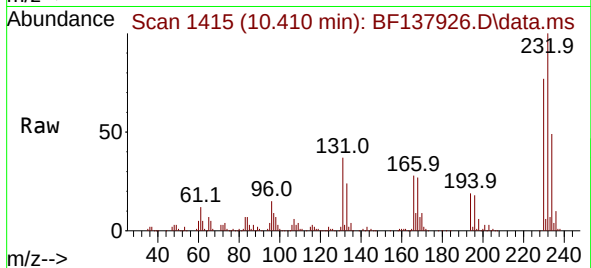




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.666 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

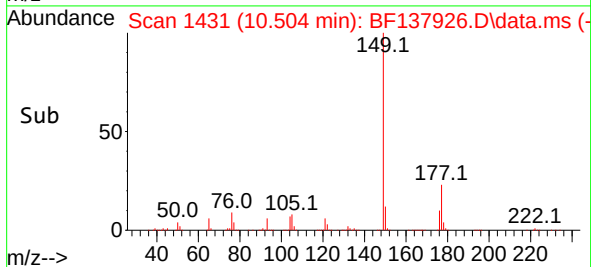
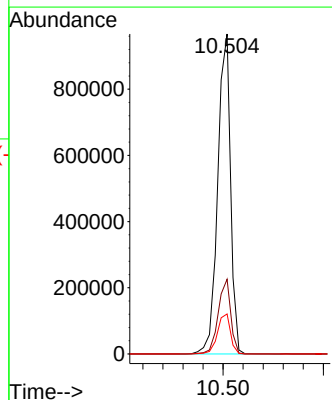
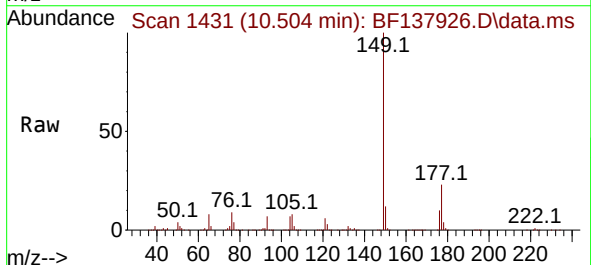
Instrument :
BNA_F
ClientSampleId :
PB160921BS

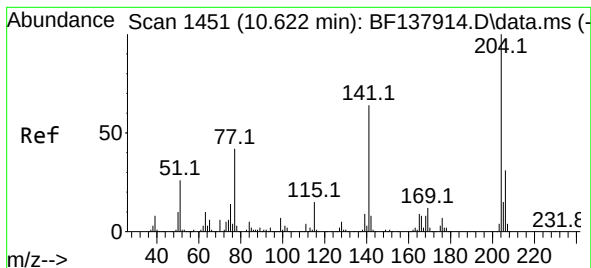
Tgt Ion:232 Resp: 233737
Ion Ratio Lower Upper
232 100
131 42.5 34.4 51.6
130 2.1 1.7 2.5
166 30.3 24.0 36.0



#60
Diethylphthalate
Concen: 43.765 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:149 Resp: 856228
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 12.5 10.1 15.1

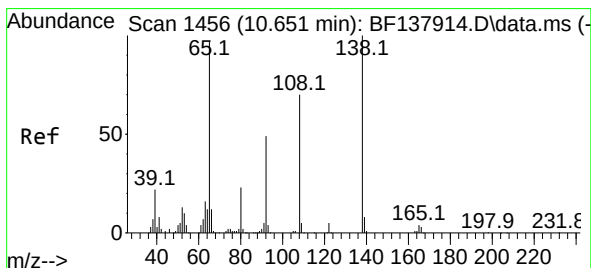
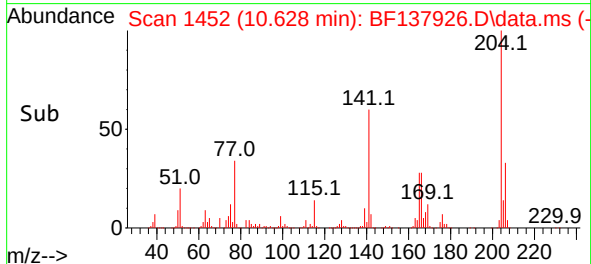
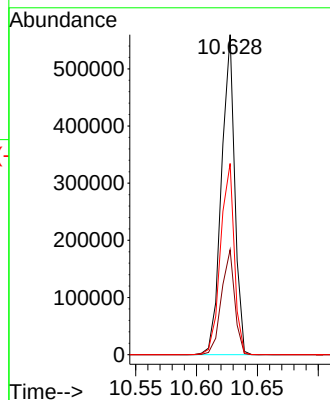
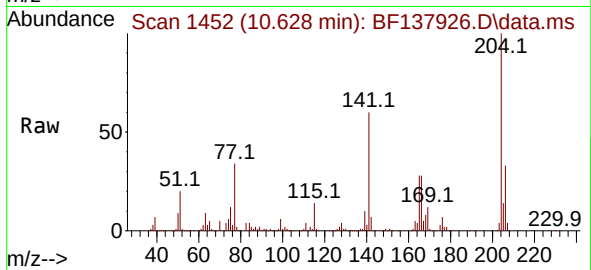




#61
4-Chlorophenyl-phenylether
Concen: 42.165 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

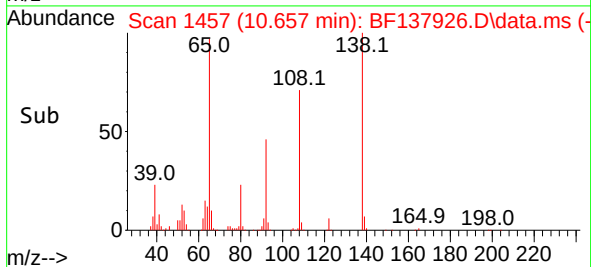
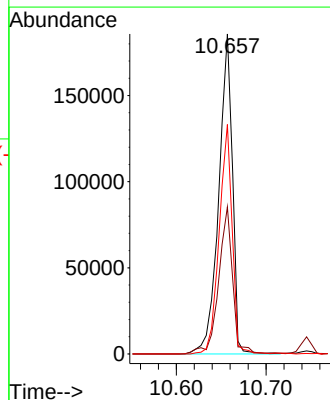
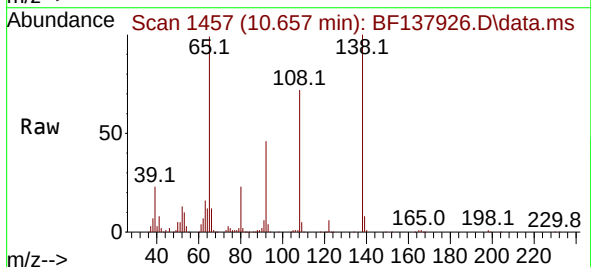
Instrument :
BNA_F
ClientSampleId :
PB160921BS

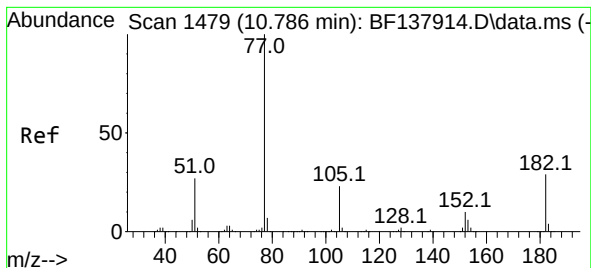
Tgt Ion:204 Resp: 425463
Ion Ratio Lower Upper
204 100
206 32.8 25.1 37.7
141 59.8 51.0 76.6



#62
4-Nitroaniline
Concen: 44.244 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:138 Resp: 197242
Ion Ratio Lower Upper
138 100
92 46.0 29.0 69.0
108 71.7 49.7 89.7





#63

Azobenzene

Concen: 44.619 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

Tgt Ion: 77 Resp: 794028

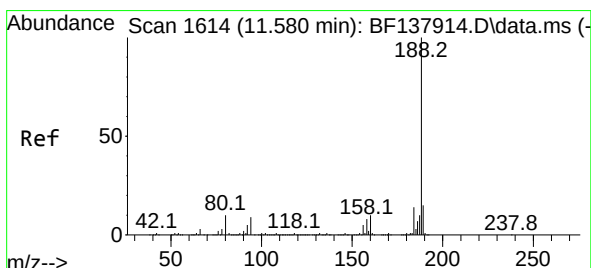
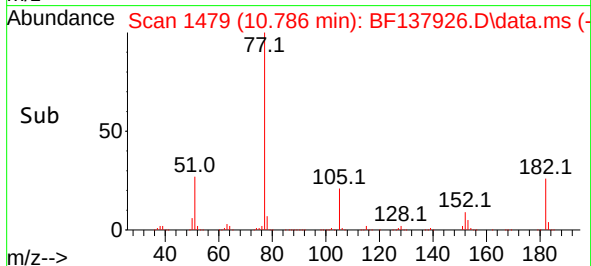
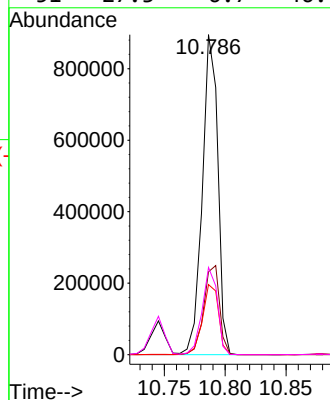
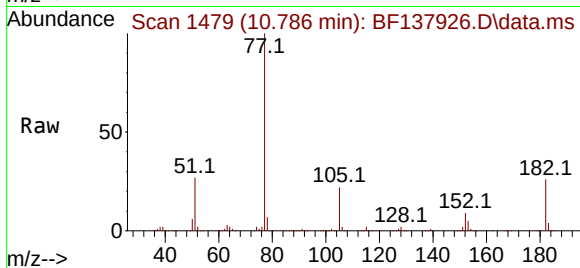
Ion Ratio Lower Upper

77 100

182 25.9 9.2 49.2

105 21.9 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: BF137926.D

Acq: 17 May 2024 12:19

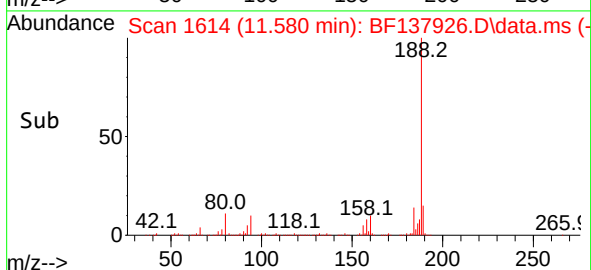
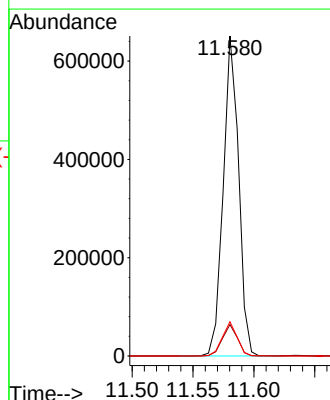
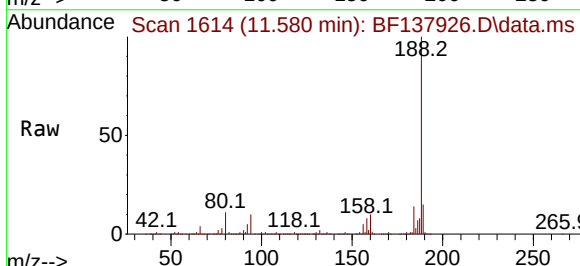
Tgt Ion: 188 Resp: 573148

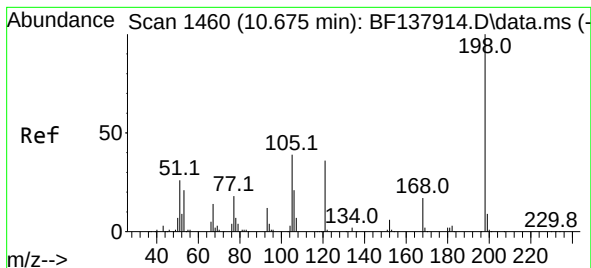
Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.7 7.7 11.5

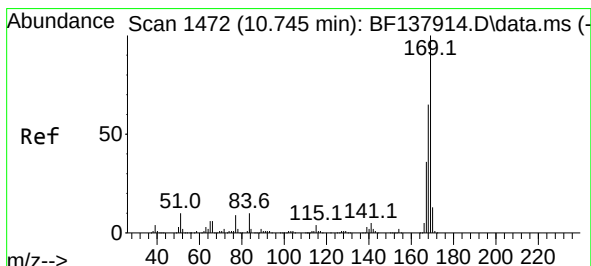
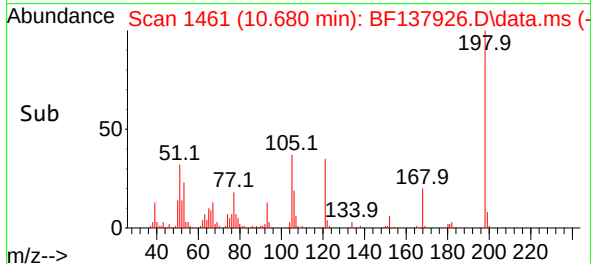
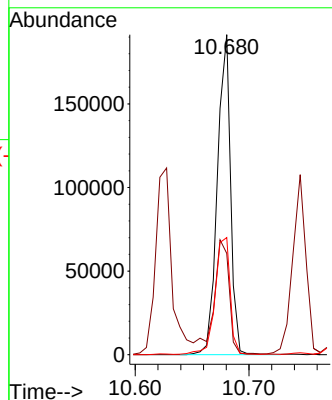
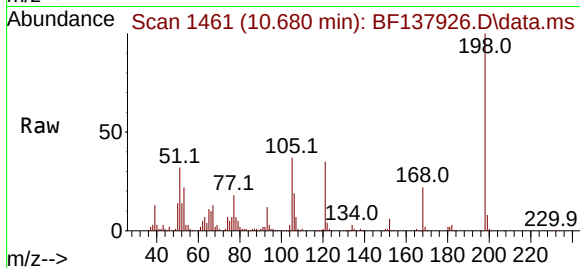




#65
4,6-Dinitro-2-methylphenol
Concen: 46.697 ng
RT: 10.680 min Scan# 1461
Delta R.T. 0.005 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

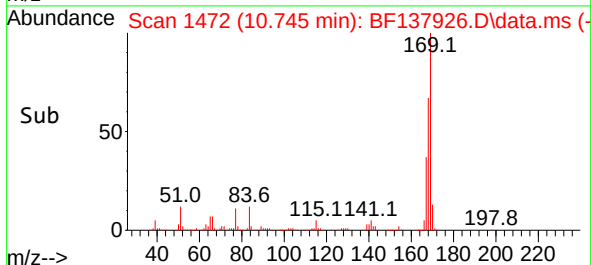
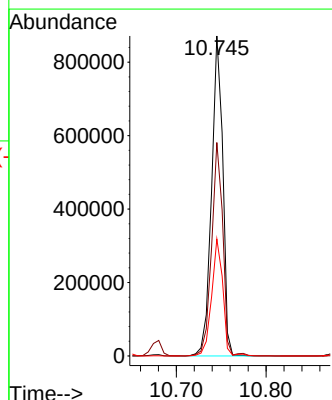
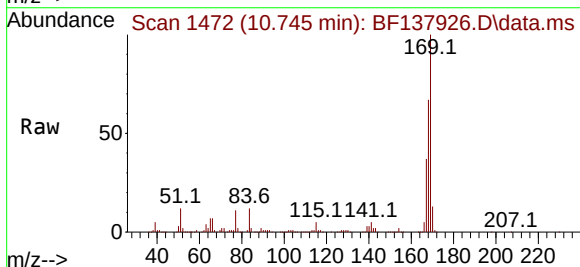
Instrument :
BNA_F
ClientSampleId :
PB160921BS

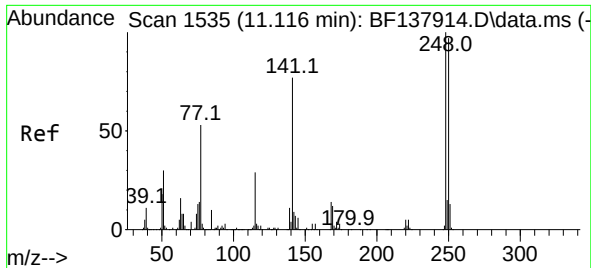
Tgt Ion:198 Resp: 154538
Ion Ratio Lower Upper
198 100
51 31.7 13.8 53.8
105 36.6 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 42.956 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

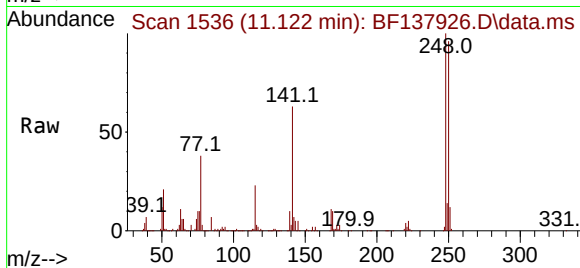
Tgt Ion:169 Resp: 755025
Ion Ratio Lower Upper
169 100
168 66.7 52.4 78.6
167 36.6 28.9 43.3



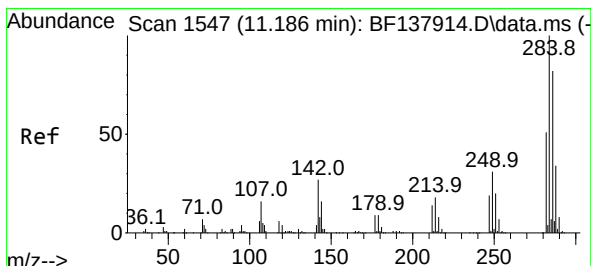
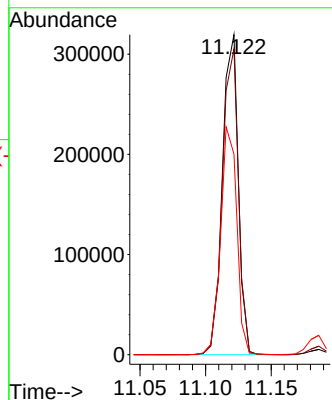
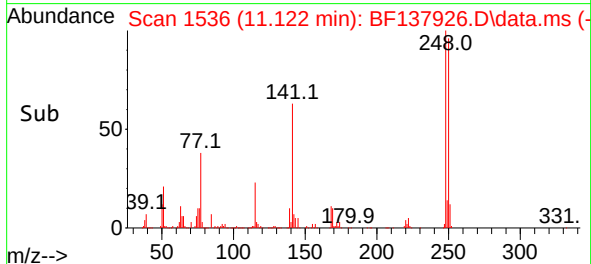


#67
4-Bromophenyl-phenylether
Concen: 42.864 ng
RT: 11.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

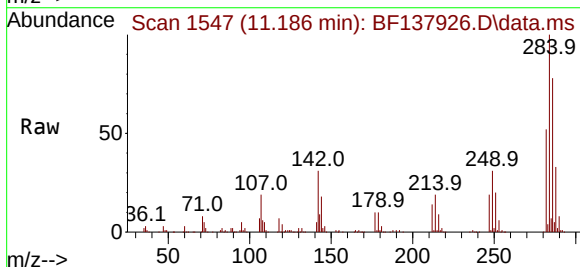
Instrument :
BNA_F
ClientSampleId :
PB160921BS



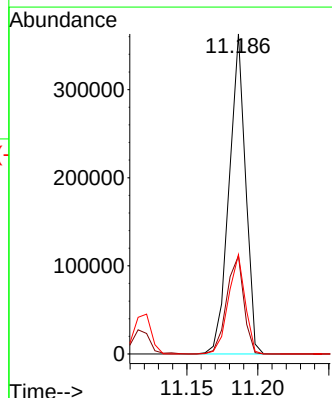
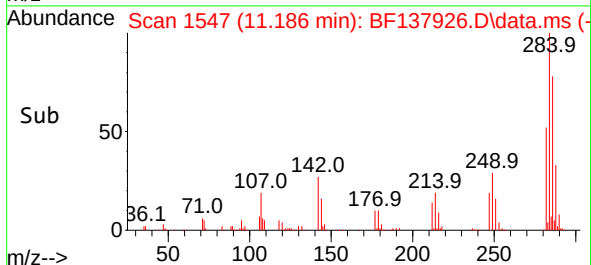
Tgt Ion:248 Resp: 269330
Ion Ratio Lower Upper
248 100
250 95.6 77.6 116.4
141 62.7 61.4 92.2

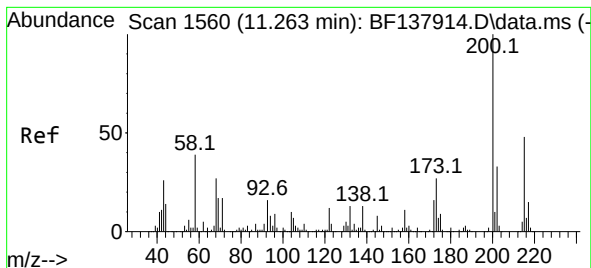


#68
Hexachlorobenzene
Concen: 42.052 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19



Tgt Ion:284 Resp: 292071
Ion Ratio Lower Upper
284 100
142 30.6 21.3 31.9
249 31.1 24.6 37.0





#69

Atrazine

Concen: 52.741 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

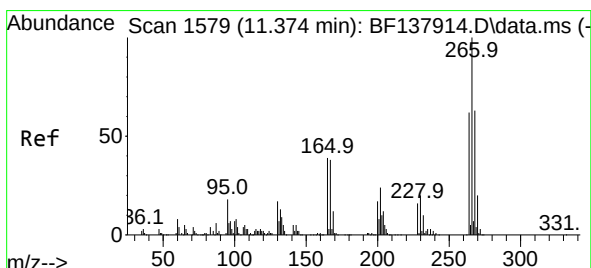
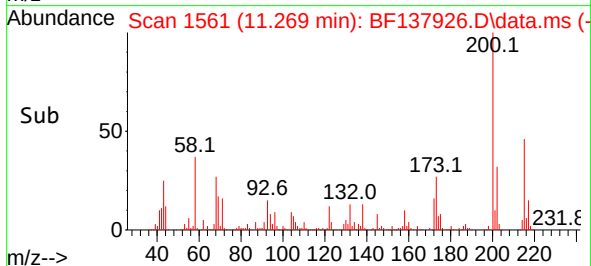
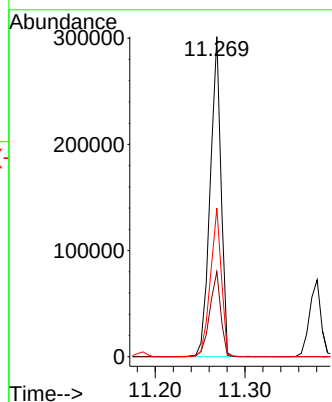
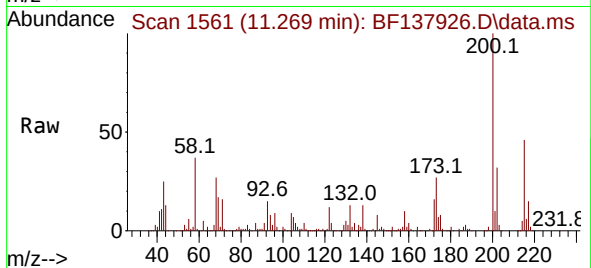
Tgt Ion:200 Resp: 253135

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 46.4 27.5 67.5



#70

Pentachlorophenol

Concen: 88.976 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

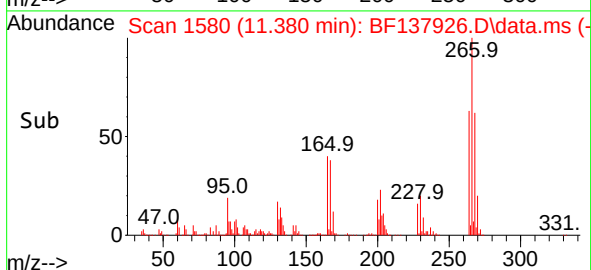
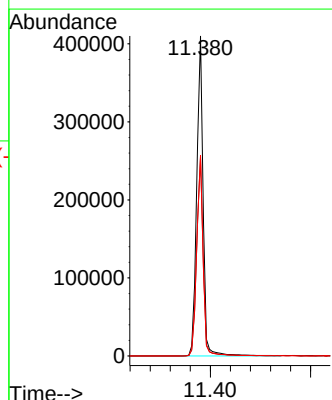
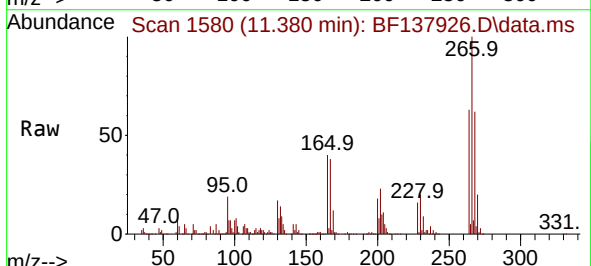
Tgt Ion:266 Resp: 361996

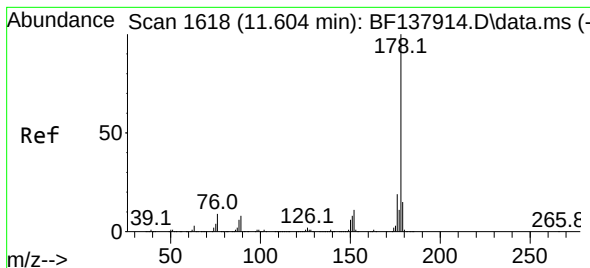
Ion Ratio Lower Upper

266 100

268 62.3 50.1 75.1

264 62.8 49.4 74.2





#71

Phenanthrene

Concen: 43.073 ng

RT: 11.610 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

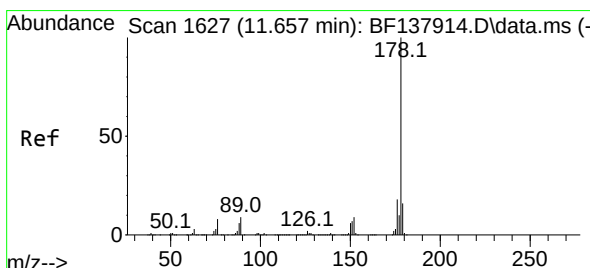
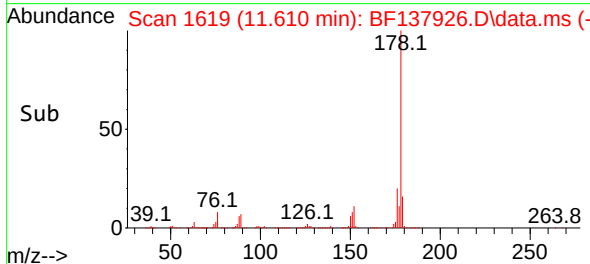
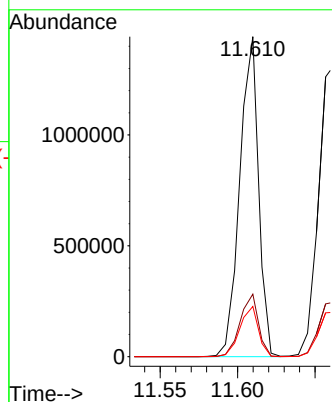
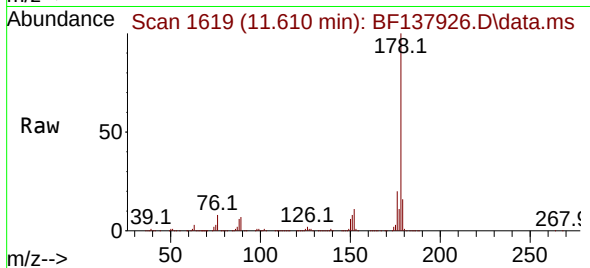
Tgt Ion:178 Resp: 1216551

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 15.7 12.2 18.4



#72

Anthracene

Concen: 44.252 ng

RT: 11.663 min Scan# 1628

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

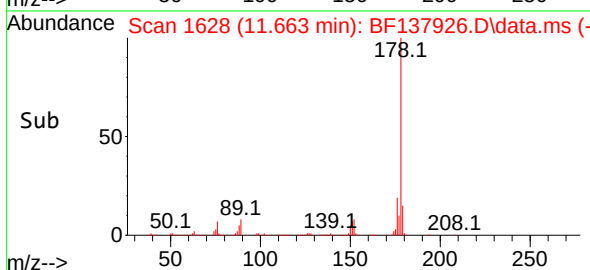
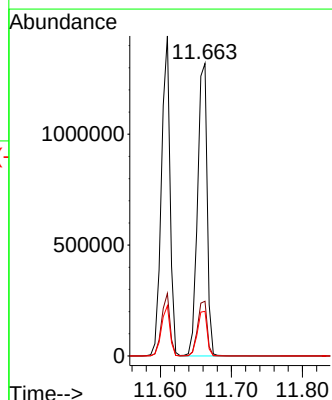
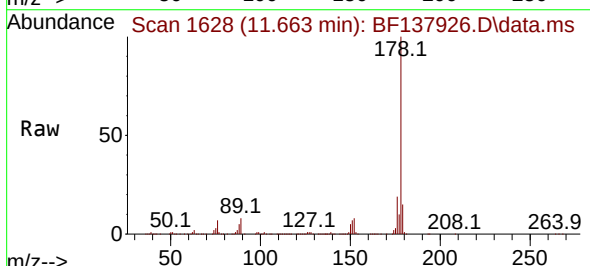
Tgt Ion:178 Resp: 1240098

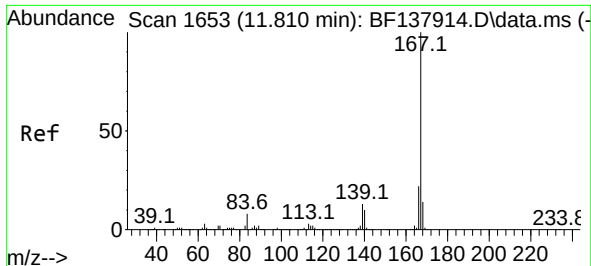
Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

179 15.2 12.4 18.6



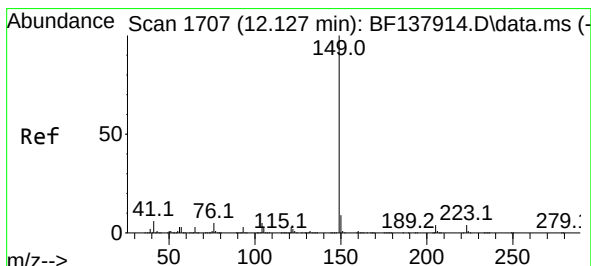
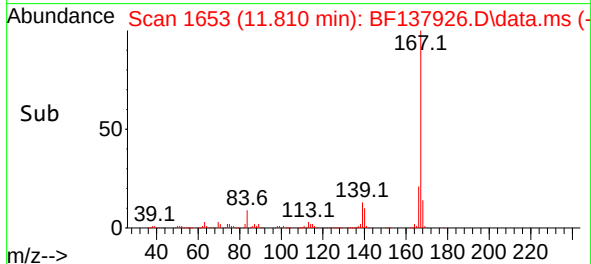
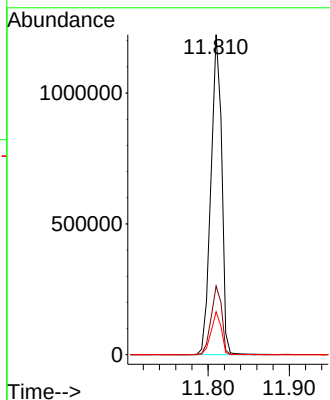
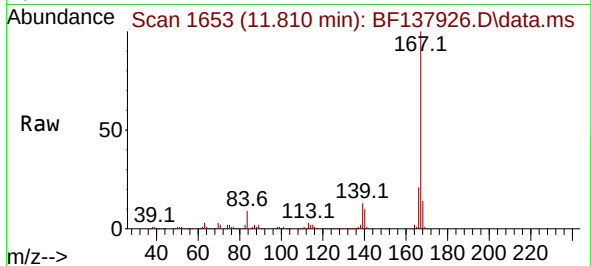


#73
 Carbazole
 Concen: 43.800 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF137926.D
 Acq: 17 May 2024 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB160921BS

Tgt Ion:167 Resp: 1121255

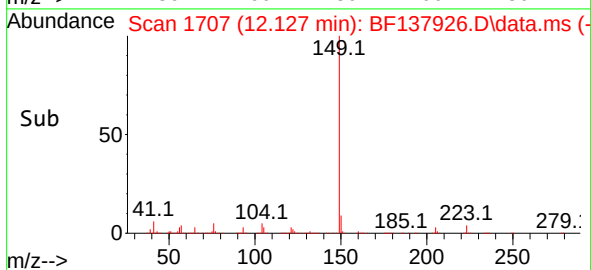
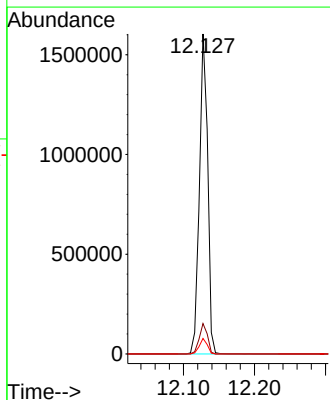
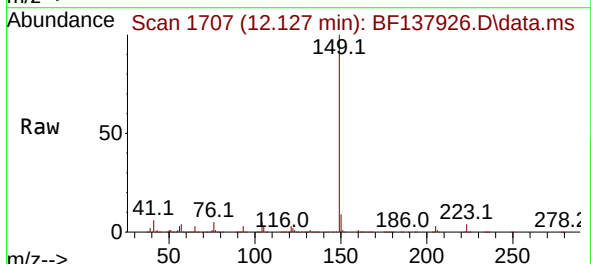
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	13.4	10.3	15.5

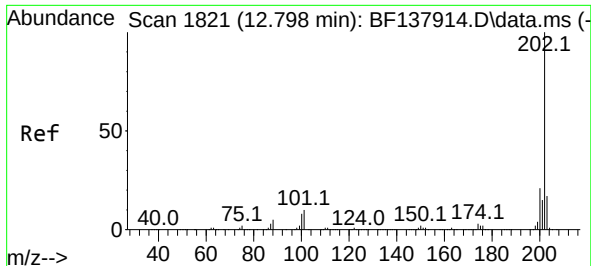


#74
 Di-n-butylphthalate
 Concen: 45.750 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF137926.D
 Acq: 17 May 2024 12:19

Tgt Ion:149 Resp: 1299743

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.9	3.6	5.4

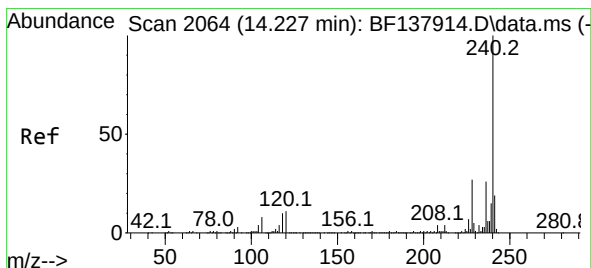
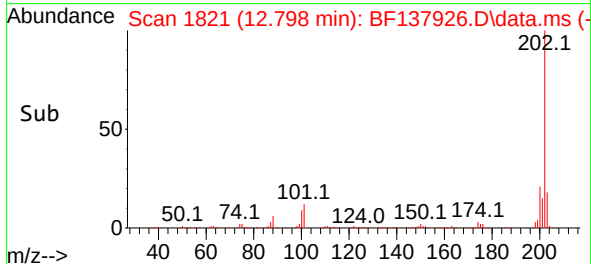
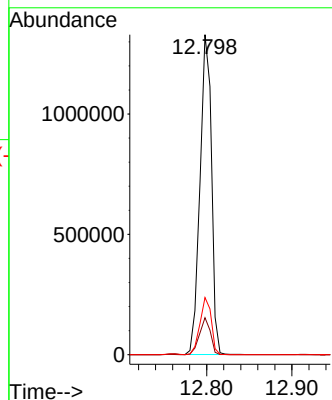
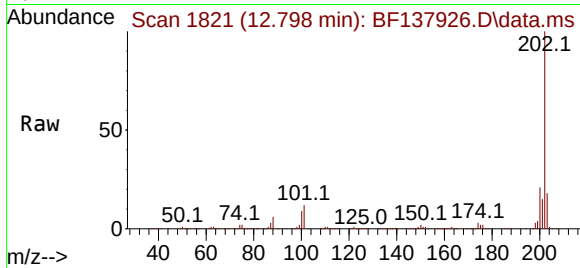




#75
Fluoranthene
Concen: 43.463 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

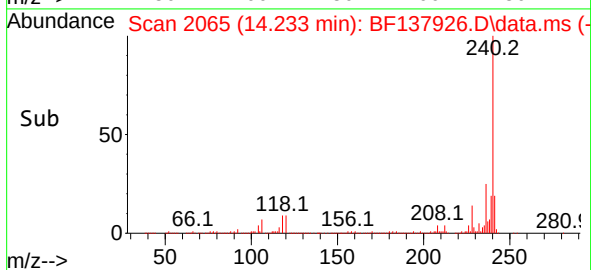
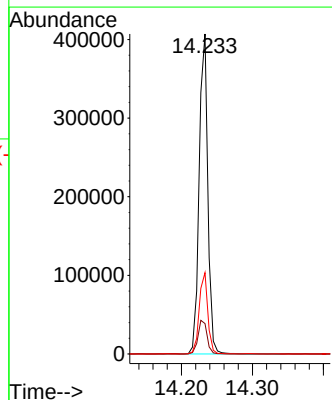
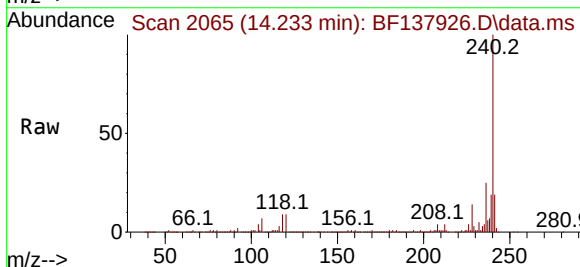
Instrument :
BNA_F
ClientSampleId :
PB160921BS

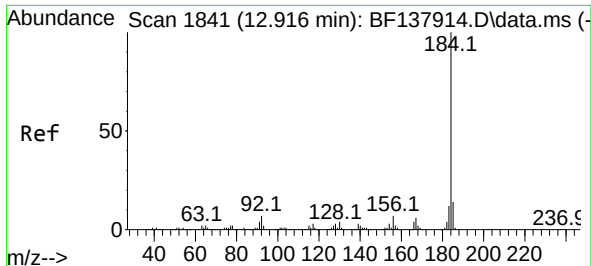
Tgt Ion:202 Resp: 1246011
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.5
203 17.9 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:240 Resp: 344869
Ion Ratio Lower Upper
240 100
120 9.5 8.9 13.3
236 25.4 21.0 31.4

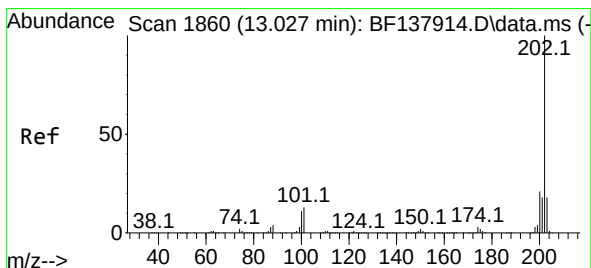
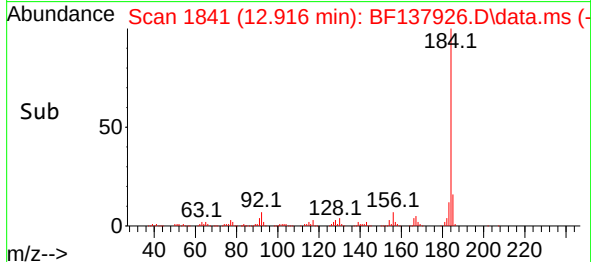
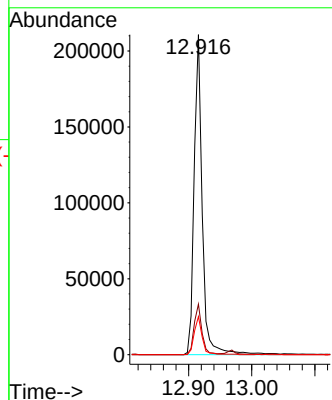
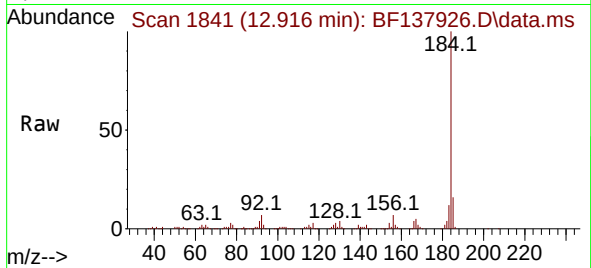




#77
Benzidine
Concen: 41.778 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

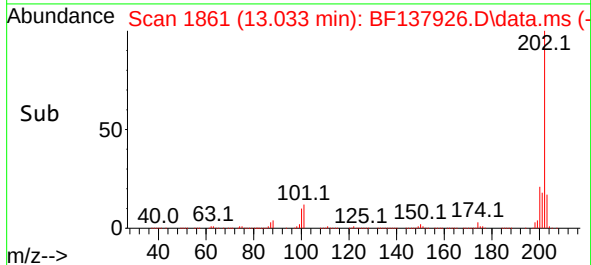
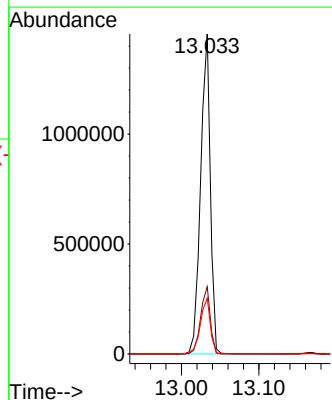
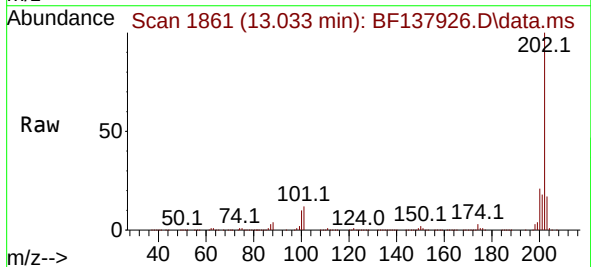
Instrument :
BNA_F
ClientSampleId :
PB160921BS

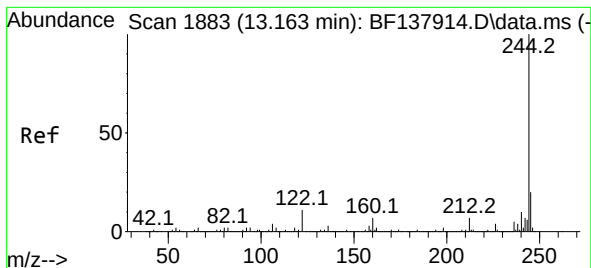
Tgt Ion:184 Resp: 188297
Ion Ratio Lower Upper
184 100
185 15.8 11.4 17.2
183 11.9 9.5 14.3



#78
Pyrene
Concen: 41.901 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:202 Resp: 1263883
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 82.139 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

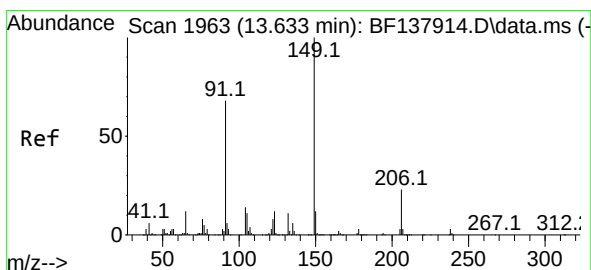
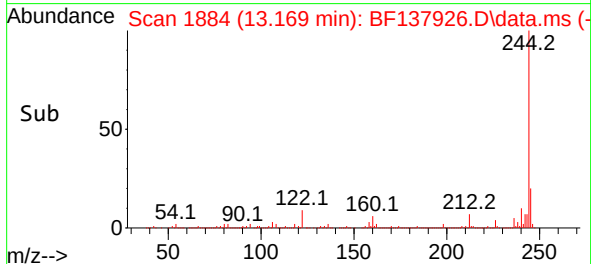
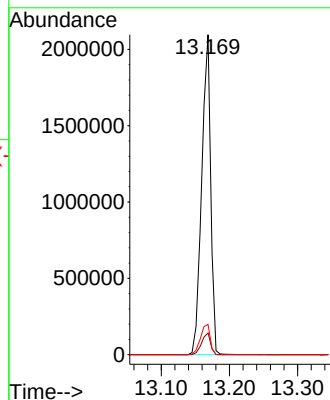
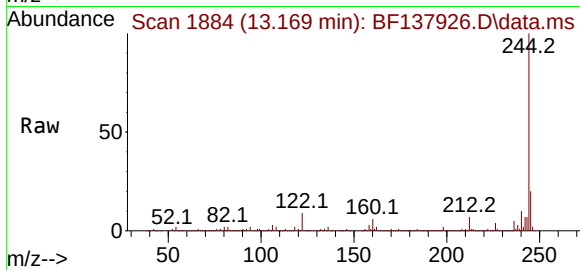
Tgt Ion:244 Resp: 1922051

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.5 8.8 13.2



#80

Butylbenzylphthalate

Concen: 48.759 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

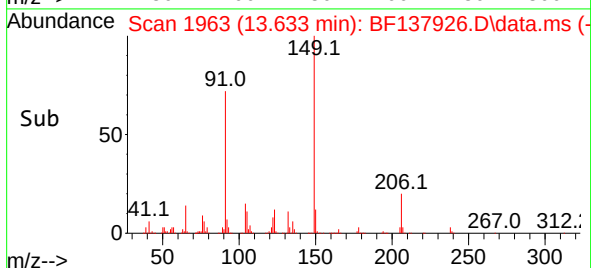
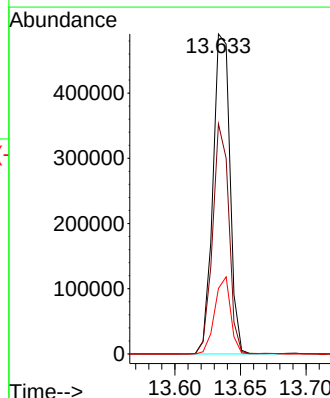
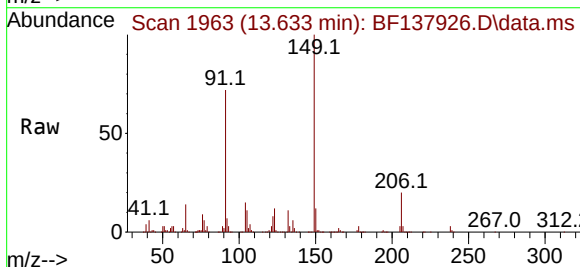
Tgt Ion:149 Resp: 443623

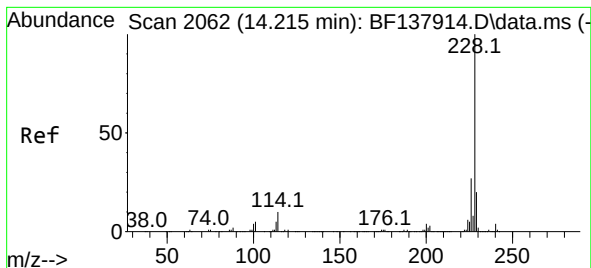
Ion Ratio Lower Upper

149 100

91 71.9 54.2 81.4

206 20.5 18.1 27.1





#81

Benzo(a)anthracene

Concen: 44.201 ng

RT: 14.221 min Scan# 2063

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

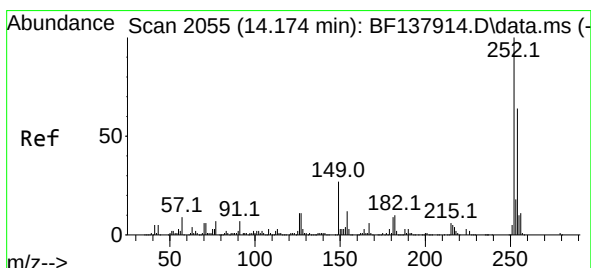
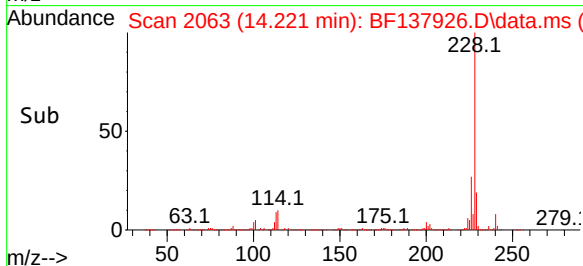
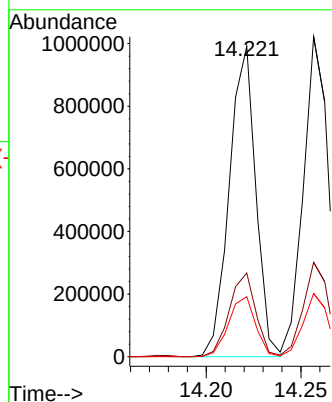
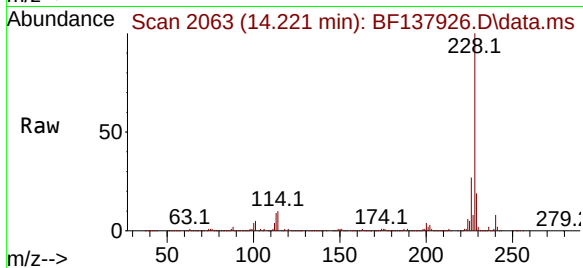
Tgt Ion:228 Resp: 964397

Ion Ratio Lower Upper

228 100

226 27.0 21.3 31.9

229 19.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 34.019 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

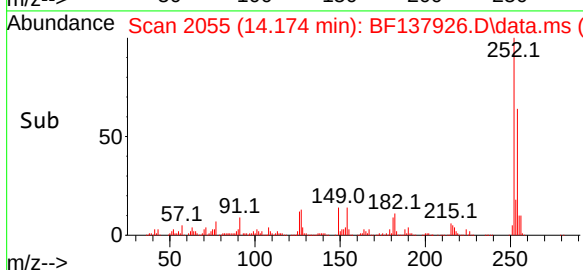
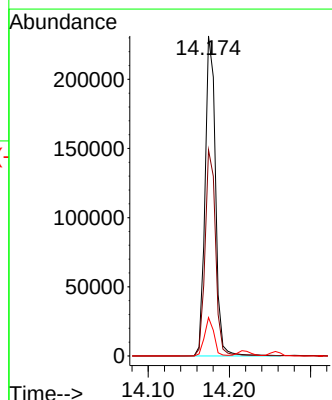
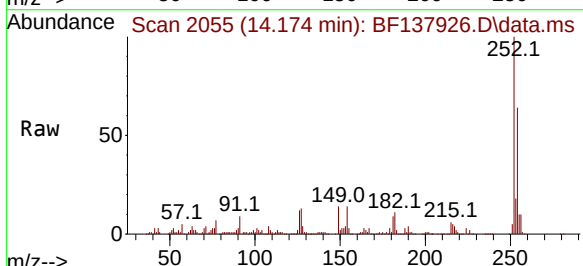
Tgt Ion:252 Resp: 205697

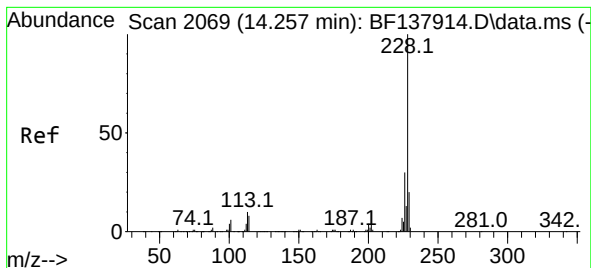
Ion Ratio Lower Upper

252 100

254 64.4 51.2 76.8

126 12.0 8.7 13.1





#83

Chrysene

Concen: 44.046 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

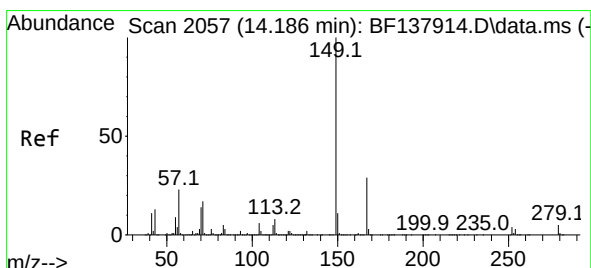
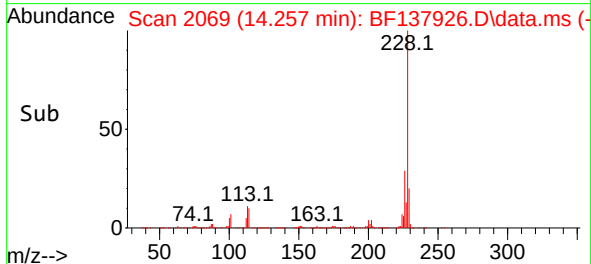
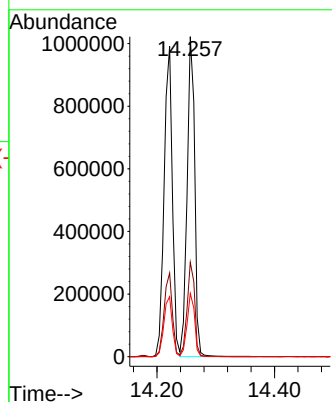
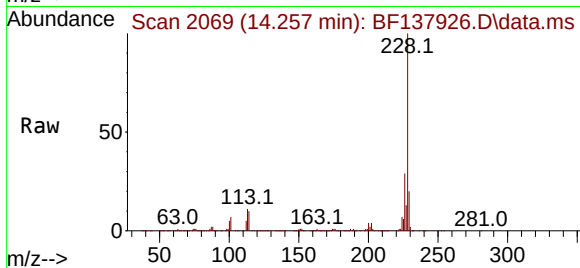
Tgt Ion:228 Resp: 919087

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.596 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

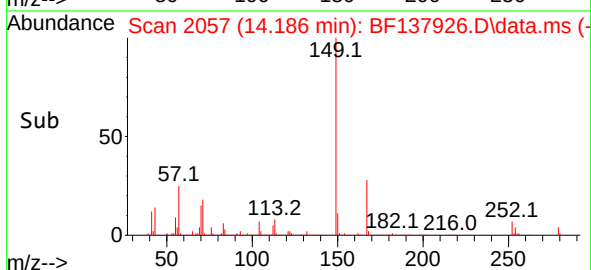
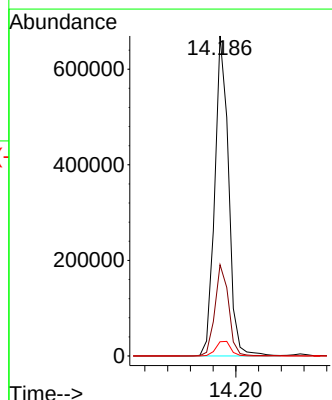
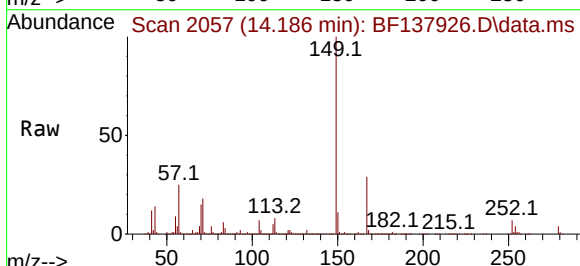
Tgt Ion:149 Resp: 567224

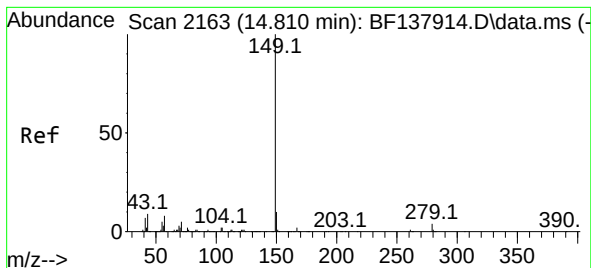
Ion Ratio Lower Upper

149 100

167 28.5 23.2 34.8

279 4.5 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 51.903 ng

RT: 14.815 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

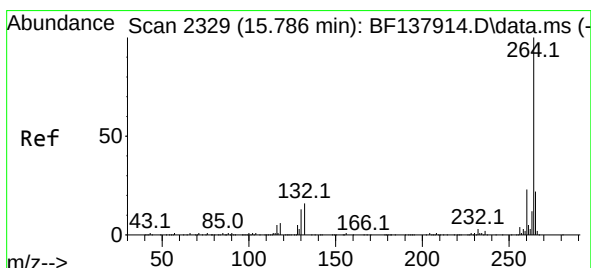
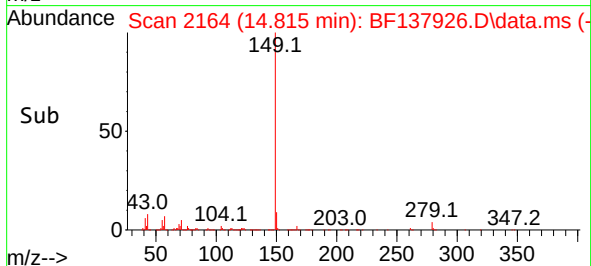
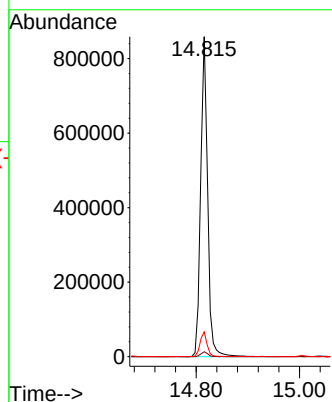
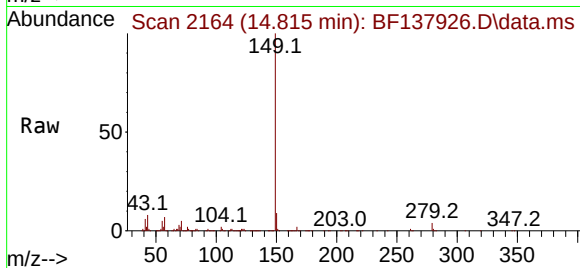
Tgt Ion:149 Resp: 801944

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 8.0 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

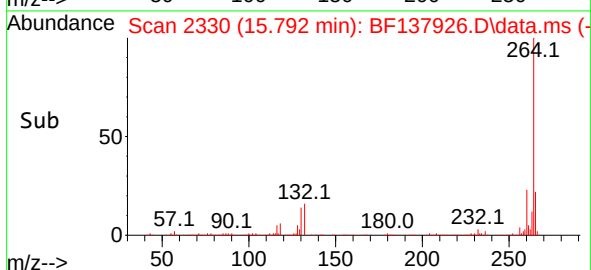
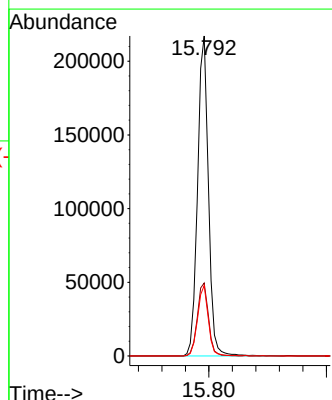
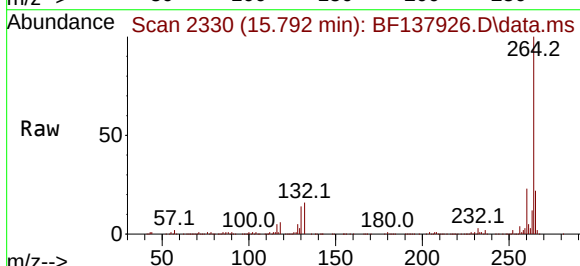
Tgt Ion:264 Resp: 277552

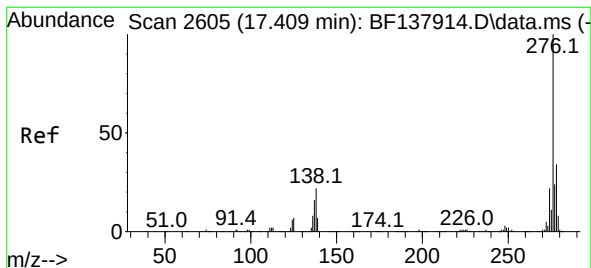
Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 22.0 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.465 ng

RT: 17.421 min Scan# 2

Delta R.T. 0.012 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

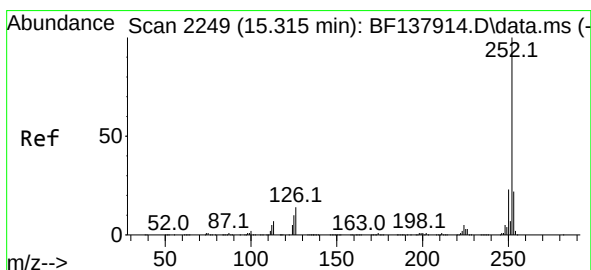
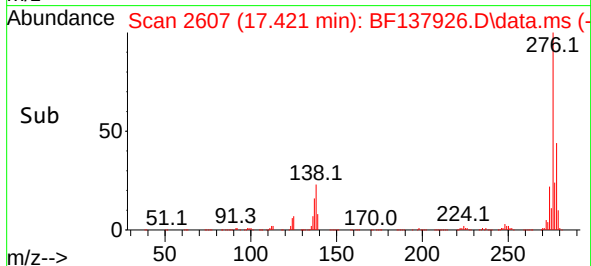
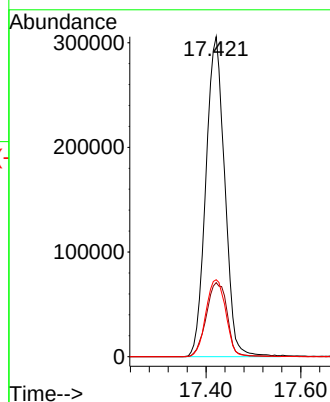
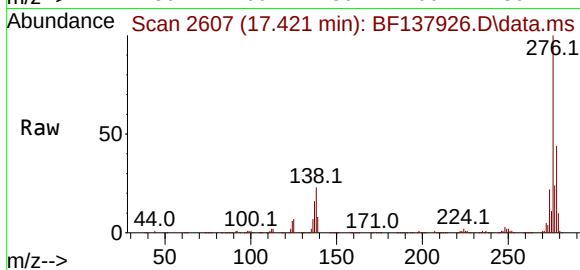
Tgt Ion:276 Resp: 846399

Ion Ratio Lower Upper

276 100

138 25.7 20.6 30.8

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.949 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

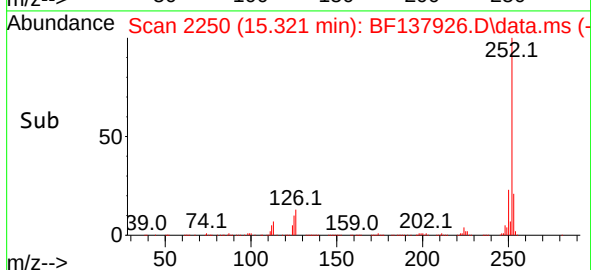
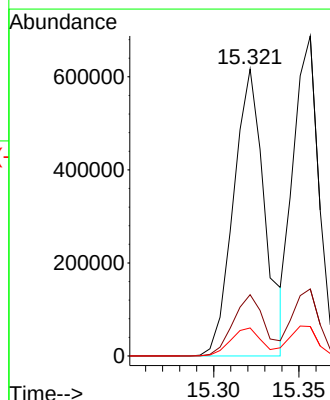
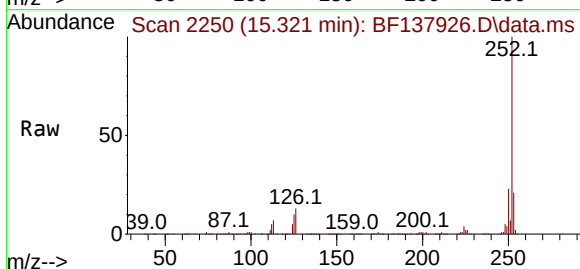
Tgt Ion:252 Resp: 786637

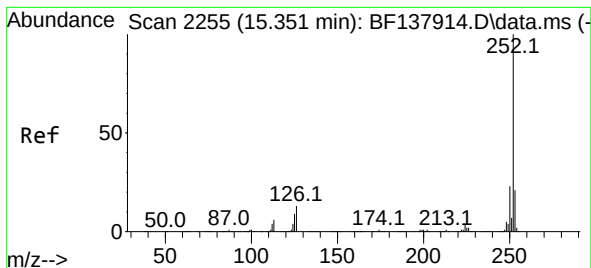
Ion Ratio Lower Upper

252 100

253 21.4 17.6 26.4

125 9.7 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 46.117 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

Instrument :

BNA_F

ClientSampleId :

PB160921BS

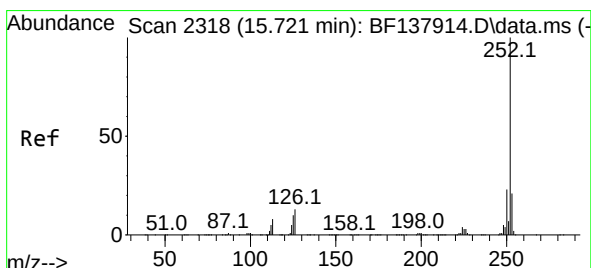
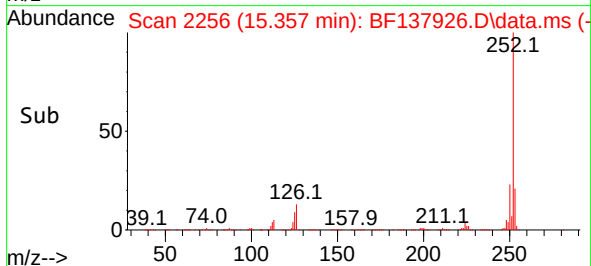
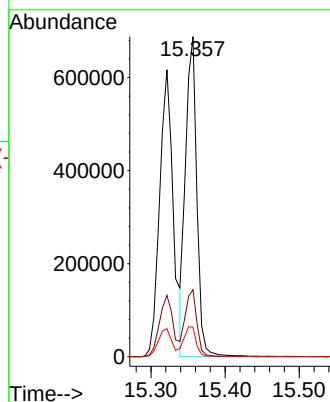
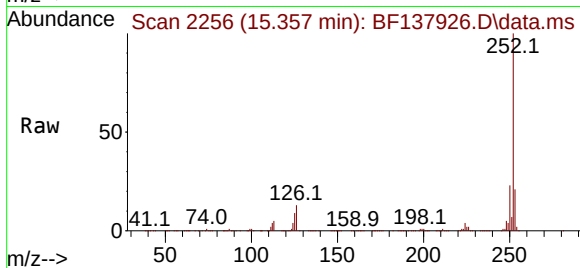
Tgt Ion:252 Resp: 728078

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.0

125 9.2 7.7 11.5



#90

Benzo(a)pyrene

Concen: 48.794 ng

RT: 15.727 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BF137926.D

Acq: 17 May 2024 12:19

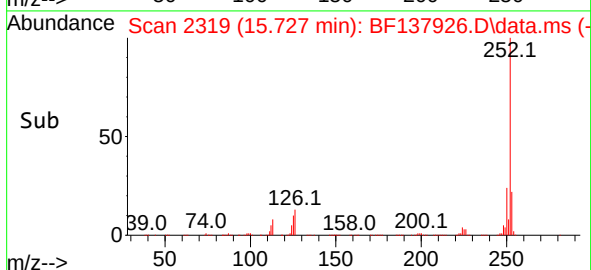
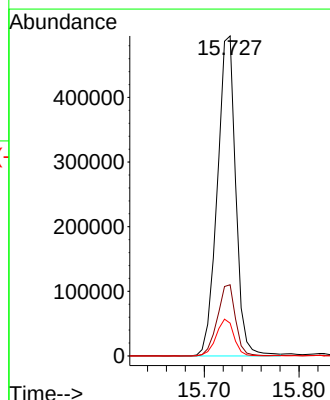
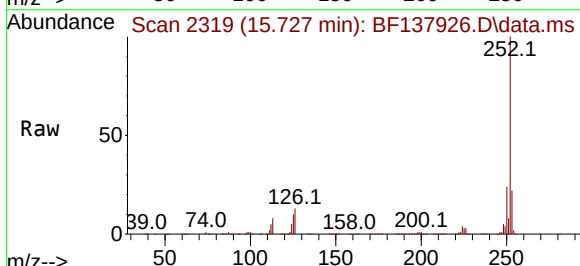
Tgt Ion:252 Resp: 669585

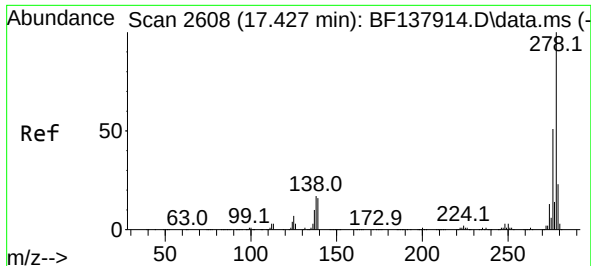
Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

125 10.2 7.8 11.8

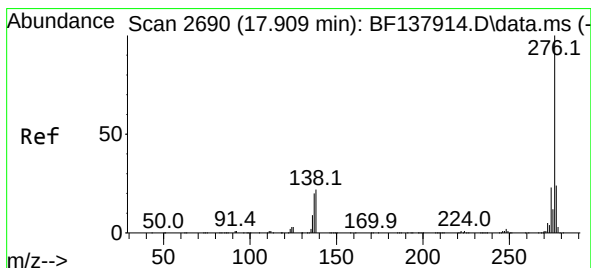
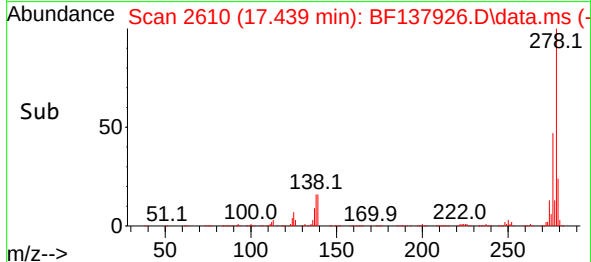
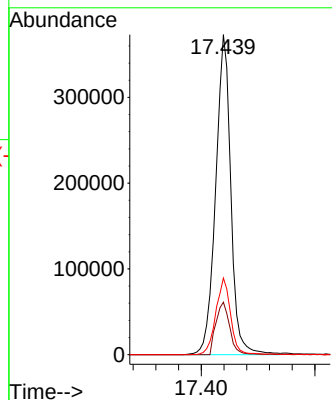
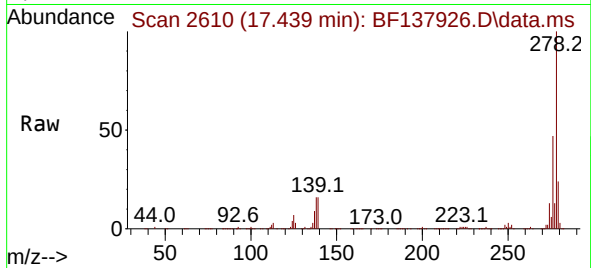




#91
Dibenzo(a,h)anthracene
Concen: 46.910 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.012 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Instrument :
BNA_F
ClientSampleId :
PB160921BS

Tgt Ion:278 Resp: 691117
Ion Ratio Lower Upper
278 100
139 16.4 13.1 19.7
279 24.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 43.876 ng
RT: 17.915 min Scan# 2691
Delta R.T. 0.006 min
Lab File: BF137926.D
Acq: 17 May 2024 12:19

Tgt Ion:276 Resp: 679067
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 22.3 17.6 26.4

