

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137377.D
 Acq On : 26 Feb 2024 10:50
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 26 11:34:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	197165	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	782873	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	449598	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	781100	20.000	ng	0.00
76) Chrysene-d12	13.980	240	469946	20.000	ng	0.00
86) Perylene-d12	15.463	264	377225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1045064	81.788	ng	0.00
7) Phenol-d6	6.440	99	1486751	79.098	ng	0.00
23) Nitrobenzene-d5	7.363	82	1315050	83.862	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	321031	81.998	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2250523	77.930	ng	0.00
79) Terphenyl-d14	12.922	244	2640905	78.600	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	282397	40.344	ng	98
3) Pyridine	3.310	79	667323	37.781	ng	97
4) n-Nitrosodimethylamine	3.281	42	245687	37.716	ng	96
6) Aniline	6.469	93	929425	41.696	ng	99
8) 2-Chlorophenol	6.587	128	540136	39.412	ng	99
9) Benzaldehyde	6.357	77	380392	42.035	ng	98
10) Phenol	6.451	94	835501	40.615	ng	99
11) bis(2-Chloroethyl)ether	6.545	93	614532	41.112	ng	98
12) 1,3-Dichlorobenzene	6.740	146	576625	39.180	ng	99
13) 1,4-Dichlorobenzene	6.816	146	586387	38.698	ng	99
14) 1,2-Dichlorobenzene	6.969	146	546987	39.026	ng	99
15) Benzyl Alcohol	6.945	79	478698	42.724	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	982701	39.552	ng	99
17) 2-Methylphenol	7.057	107	522333	40.281	ng	99
18) Hexachloroethane	7.310	117	200802	38.457	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	457681	39.514	ng	99
20) 3+4-Methylphenols	7.210	107	604460	40.898	ng	98
22) Acetophenone	7.210	105	764268	40.259	ng	99
24) Nitrobenzene	7.387	77	670743	42.096	ng	99
25) Isophorone	7.622	82	1304864	40.238	ng	99
26) 2-Nitrophenol	7.698	139	235831	39.294	ng	99
27) 2,4-Dimethylphenol	7.734	122	495631	41.558	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	779259	41.691	ng	100
29) 2,4-Dichlorophenol	7.934	162	466421	41.727	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	486562	40.554	ng	99
31) Naphthalene	8.098	128	1680739	40.005	ng	99
32) Benzoic acid	7.863	122	244827	35.641	ng	97
33) 4-Chloroaniline	8.151	127	695447	43.522	ng	98
34) Hexachlorobutadiene	8.216	225	287622	40.354	ng	98
35) Caprolactam	8.528	113	154801	44.782	ng	97
36) 4-Chloro-3-methylphenol	8.634	107	539987	42.611	ng	99
37) 2-Methylnaphthalene	8.792	142	1093671	40.399	ng	98
38) 1-Methylnaphthalene	8.892	142	1031042	40.282	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	500282	40.400	ng	99
41) Hexachlorocyclopentadiene	8.945	237	225393	40.145	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	334082	41.609	ng	97

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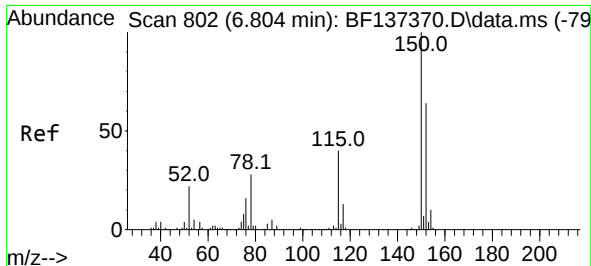
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	382304	41.504	ng	97
46) 1,1'-Biphenyl	9.257	154	1323045	40.404	ng	99
47) 2-Chloronaphthalene	9.281	162	1001471	40.497	ng	99
48) 2-Nitroaniline	9.381	65	285576	38.904	ng	94
49) Acenaphthylene	9.698	152	1629566	40.558	ng	99
50) Dimethylphthalate	9.563	163	1258648	40.514	ng	99
51) 2,6-Dinitrotoluene	9.622	165	252952	43.766	ng	# 84
52) Acenaphthene	9.869	154	951319	39.665	ng	99
53) 3-Nitroaniline	9.792	138	270229	41.267	ng	96
54) 2,4-Dinitrophenol	9.898	184	99832	39.367	ng	95
55) Dibenzofuran	10.039	168	1493913	40.301	ng	98
56) 4-Nitrophenol	9.957	139	191304	41.553	ng	97
57) 2,4-Dinitrotoluene	10.028	165	307269	42.182	ng	97
58) Fluorene	10.386	166	1119217	39.536	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	315886	41.412	ng	99
60) Diethylphthalate	10.263	149	1195832	41.228	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	545507	39.174	ng	95
62) 4-Nitroaniline	10.416	138	228724	37.990	ng	100
63) Azobenzene	10.539	77	1418231	40.868	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	147285	39.448	ng	97
66) n-Nitrosodiphenylamine	10.498	169	1022021	40.288	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	349283	41.596	ng	# 92
68) Hexachlorobenzene	10.928	284	348143	40.078	ng	93
69) Atrazine	11.033	200	295416	43.151	ng	99
70) Pentachlorophenol	11.128	266	239888	43.587	ng	99
71) Phenanthrene	11.351	178	1717207	39.848	ng	99
72) Anthracene	11.404	178	1785051	40.194	ng	99
73) Carbazole	11.563	167	1571258	41.409	ng	100
74) Di-n-butylphthalate	11.898	149	1677973	44.195	ng	100
75) Fluoranthene	12.545	202	1719261	40.871	ng	99
77) Benzidine	12.674	184	347767	44.013	ng	99
78) Pyrene	12.774	202	1789011	40.260	ng	99
80) Butylbenzylphthalate	13.404	149	248663	40.793	ng	99
81) Benzo(a)anthracene	13.969	228	1332316	40.856	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	306589	41.123	ng	98
83) Chrysene	14.004	228	1332890	40.011	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	316221	39.781	ng	99
85) Di-n-octyl phthalate	14.592	149	501113	39.021	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	1016592	39.274	ng	99
88) Benzo(b)fluoranthene	15.027	252	898639	38.833	ng	98
89) Benzo(k)fluoranthene	15.057	252	1027626	42.369	ng	98
90) Benzo(a)pyrene	15.398	252	912957	41.593	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	831024	39.123	ng	99
92) Benzo(g,h,i)perylene	17.421	276	840793	38.432	ng	99

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

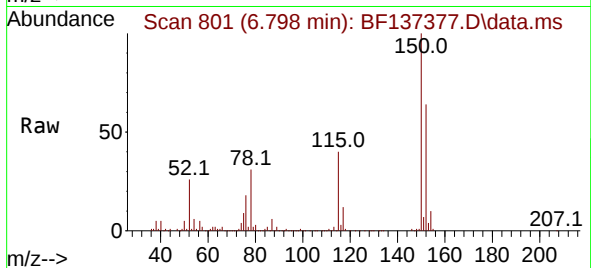
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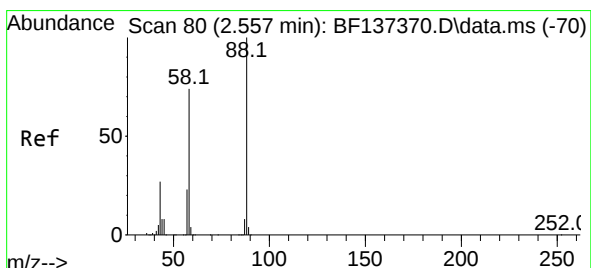
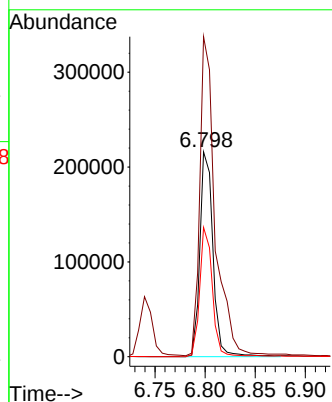
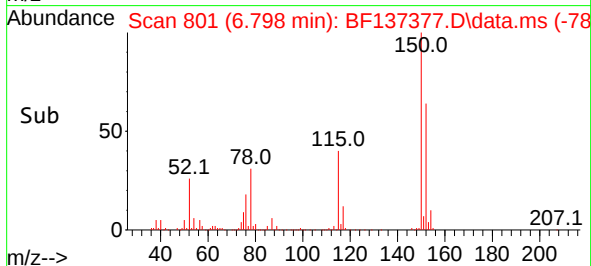


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF137377.D
 Acq: 26 Feb 2024 10:50

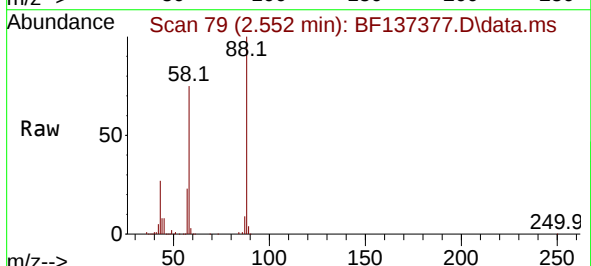
Instrument :
 BNA_F
 ClientSampleId :



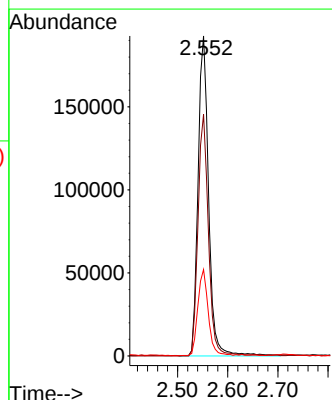
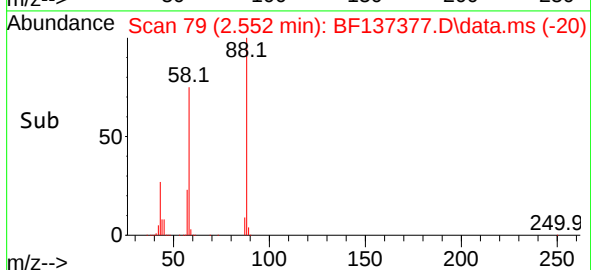
Tgt Ion:152 Resp: 197165
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.7 188.5
 115 63.2 49.8 74.8

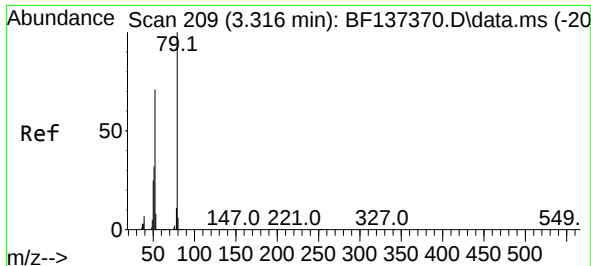


#2
 1,4-Dioxane
 Concen: 40.344 ng
 RT: 2.552 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF137377.D
 Acq: 26 Feb 2024 10:50



Tgt Ion: 88 Resp: 282397
 Ion Ratio Lower Upper
 88 100
 58 74.4 60.6 91.0
 43 26.5 22.0 33.0

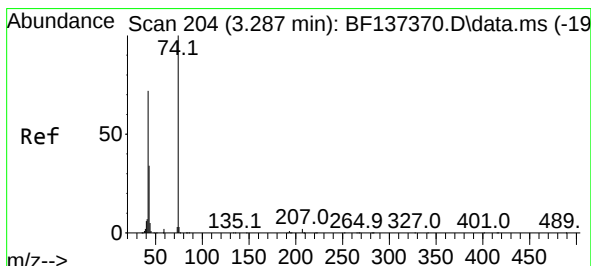
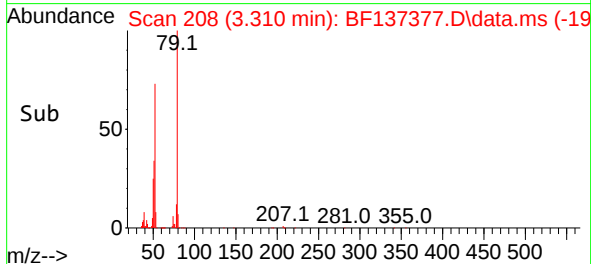
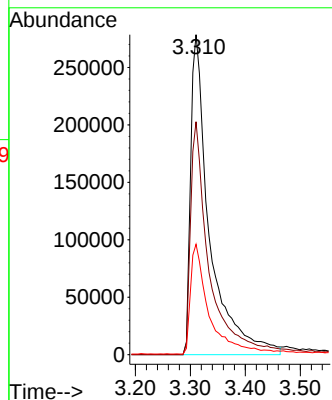
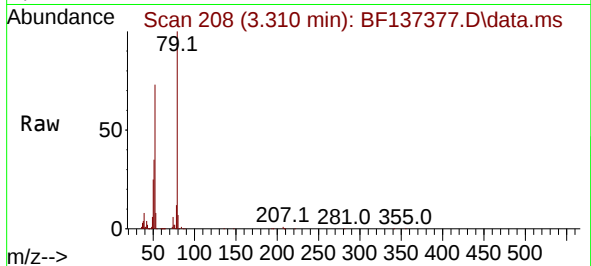




#3
 Pyridine
 Concen: 37.781 ng
 RT: 3.310 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF137377.D
 Acq: 26 Feb 2024 10:50

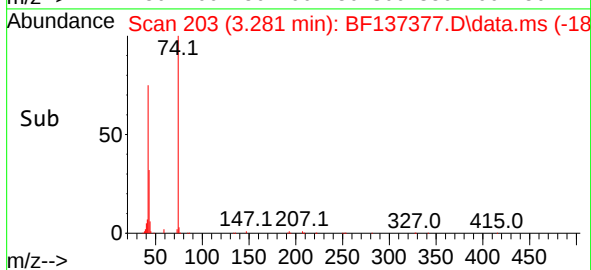
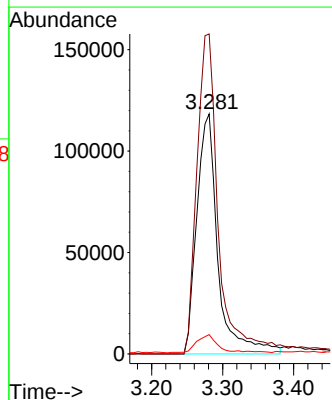
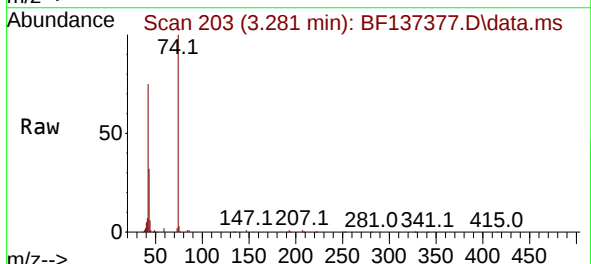
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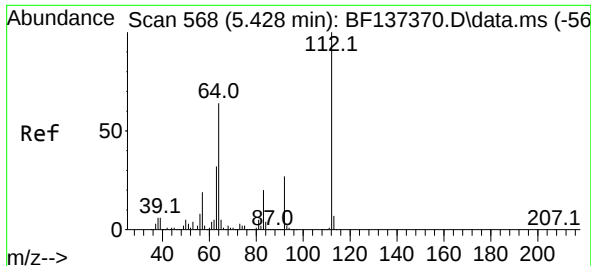
Tgt Ion: 79 Resp: 667323
 Ion Ratio Lower Upper
 79 100
 52 72.8 56.5 84.7
 51 34.5 26.2 39.2



#4
 n-Nitrosodimethylamine
 Concen: 37.716 ng
 RT: 3.281 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: BF137377.D
 Acq: 26 Feb 2024 10:50

Tgt Ion: 42 Resp: 245687
 Ion Ratio Lower Upper
 42 100
 74 133.3 110.8 166.2
 44 8.0 6.0 9.0

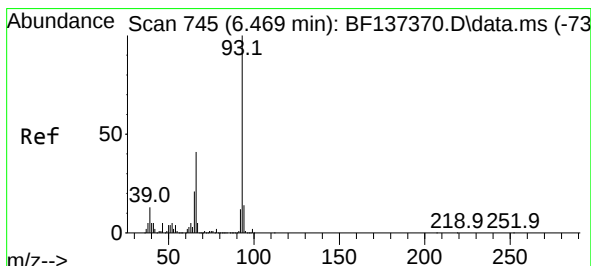
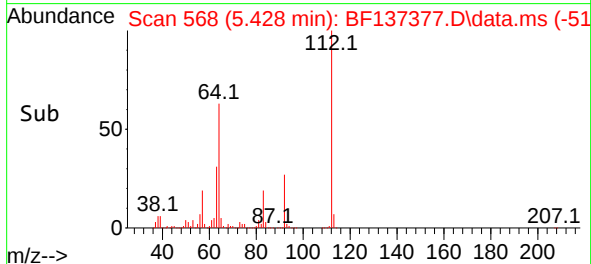
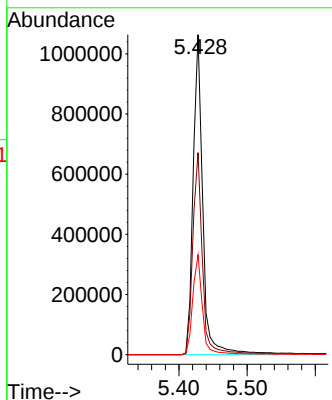
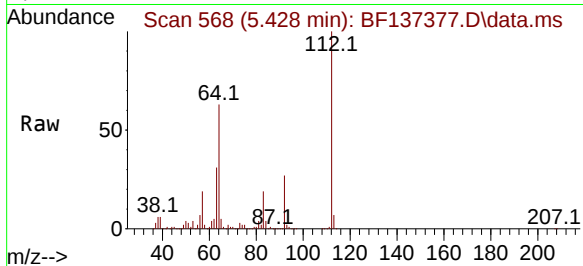




#5
2-Fluorophenol
Concen: 81.788 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

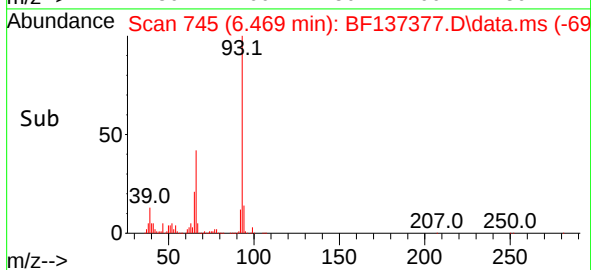
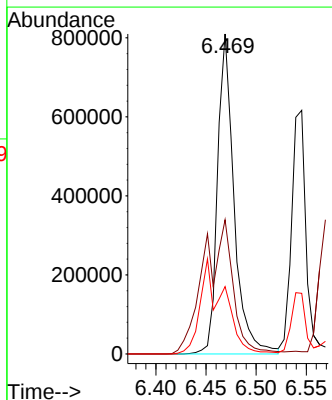
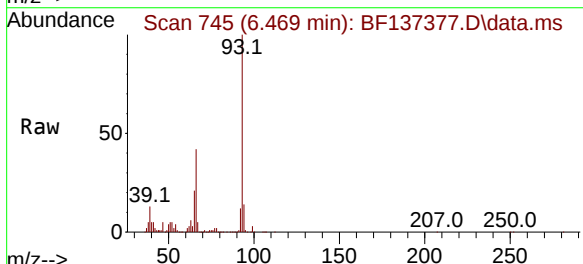
Instrument :
BNA_F
ClientSampleId :

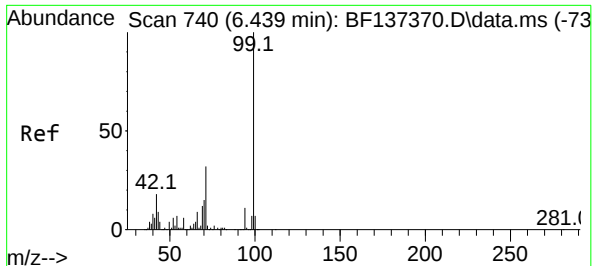
Tgt Ion:112 Resp: 1045064
Ion Ratio Lower Upper
112 100
64 63.1 51.0 76.6
63 31.2 25.7 38.5



#6
Aniline
Concen: 41.696 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion: 93 Resp: 929425
Ion Ratio Lower Upper
93 100
66 42.0 33.0 49.4
65 21.1 17.0 25.6

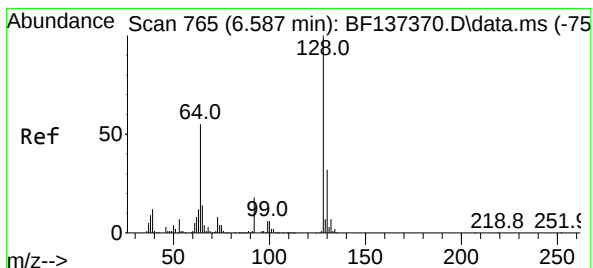
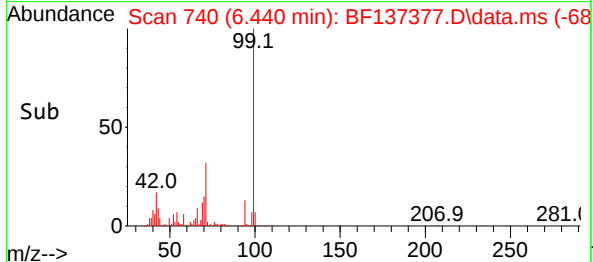
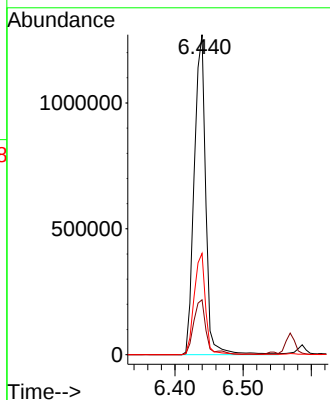
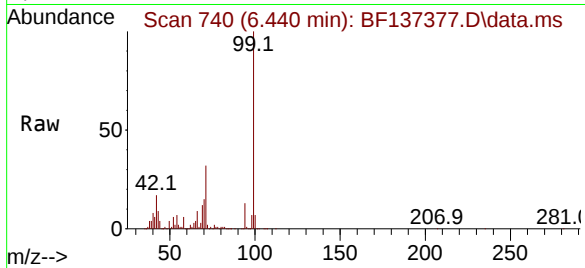




#7
Phenol-d6
Concen: 79.098 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

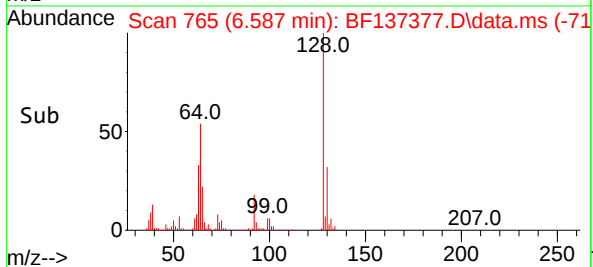
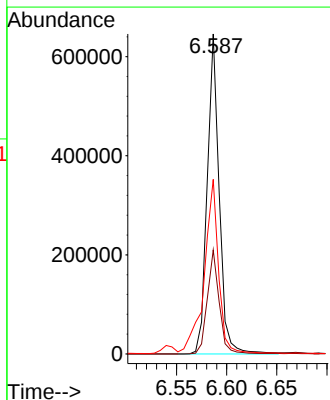
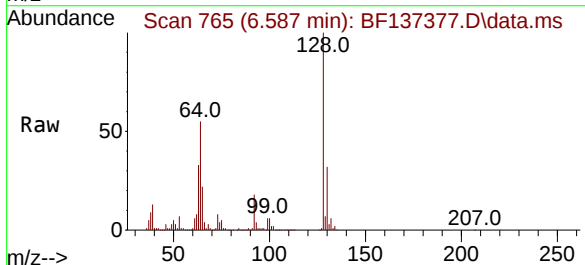
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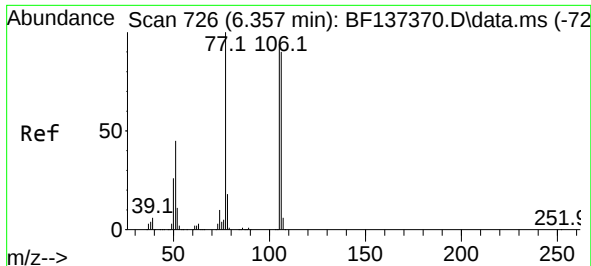
Tgt Ion: 99 Resp: 1486751
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 31.6 25.2 37.8



#8
2-Chlorophenol
Concen: 39.412 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion: 128 Resp: 540136
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 54.5 35.3 75.3





#9

Benzaldehyde

Concen: 42.035 ng

RT: 6.357 min Scan# 71

Delta R.T. 0.000 min

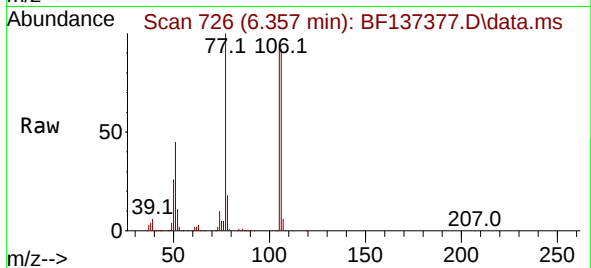
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Instrument :

BNA_F

ClientSampleId :



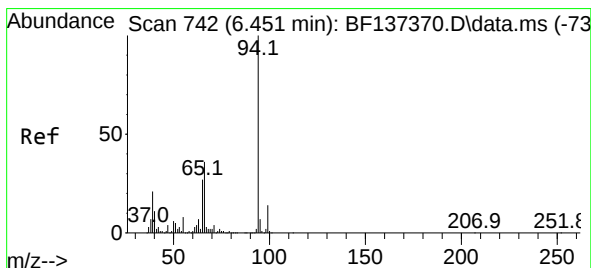
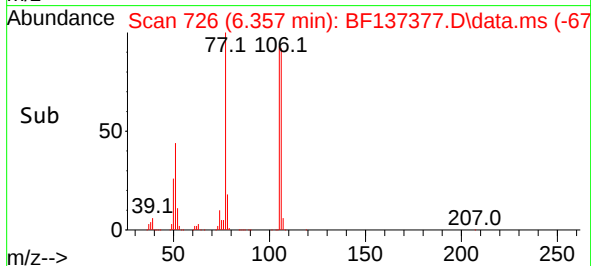
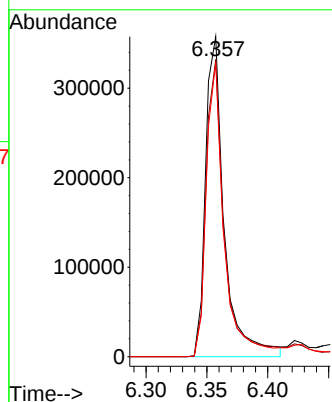
Tgt Ion: 77 Resp: 380392

Ion Ratio Lower Upper

77 100

105 92.9 74.1 114.1

106 91.9 70.2 110.2



#10

Phenol

Concen: 40.615 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

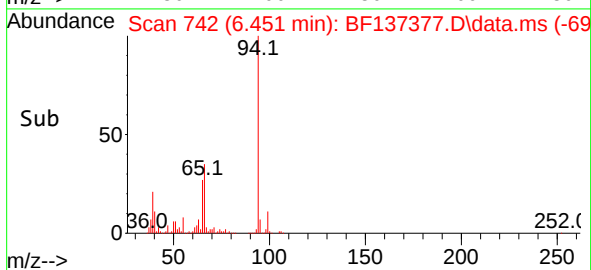
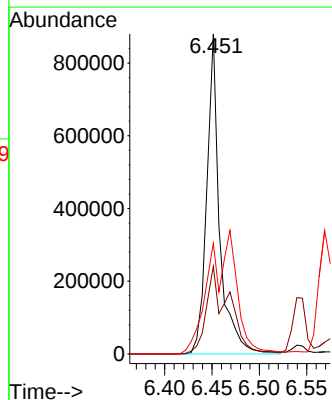
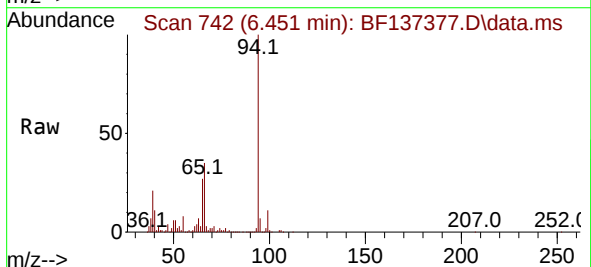
Tgt Ion: 94 Resp: 835501

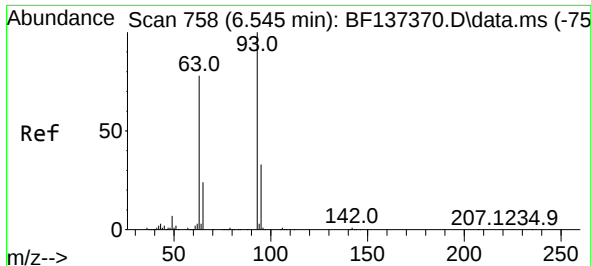
Ion Ratio Lower Upper

94 100

65 27.4 7.4 47.4

66 34.5 15.6 55.6





#11

bis(2-Chloroethyl)ether

Concen: 41.112 ng

RT: 6.545 min Scan# 758

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

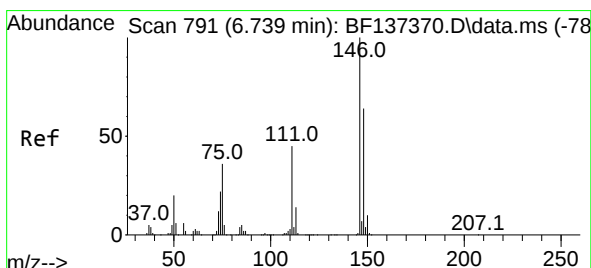
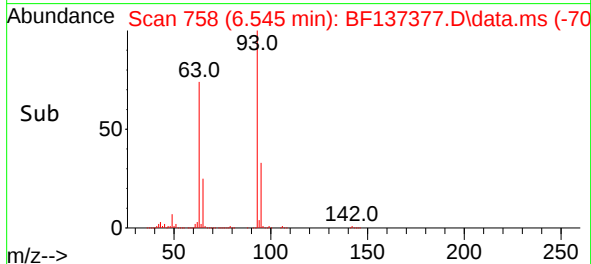
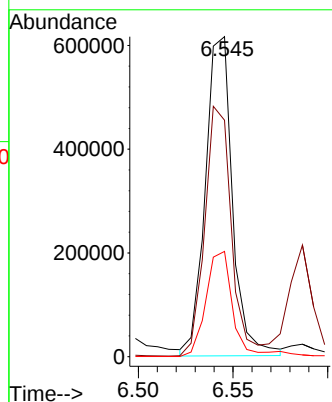
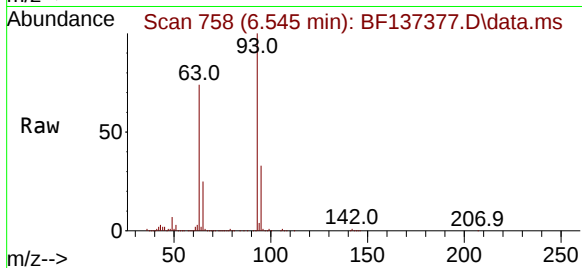
Tgt Ion: 93 Resp: 614532

Ion Ratio Lower Upper

93 100

63 73.9 56.1 96.1

95 32.9 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.180 ng

RT: 6.740 min Scan# 791

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

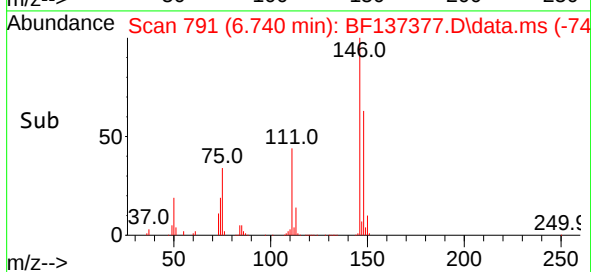
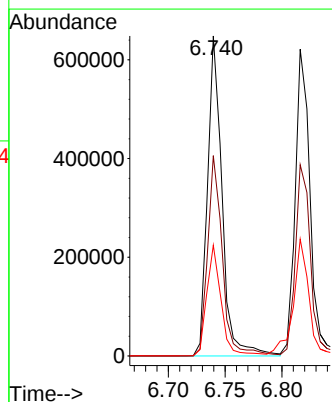
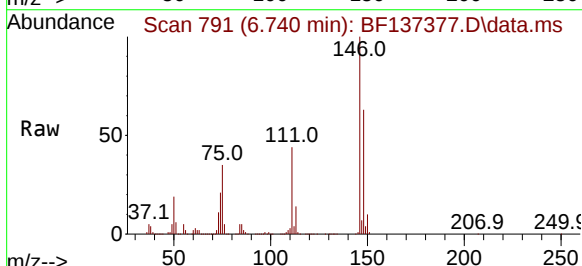
Tgt Ion:146 Resp: 576625

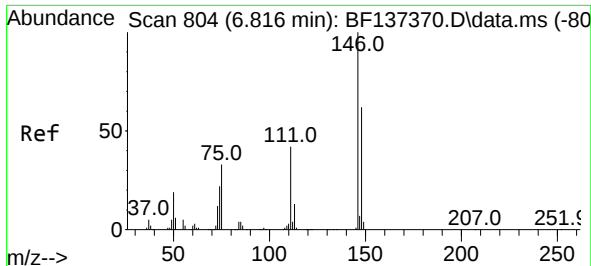
Ion Ratio Lower Upper

146 100

148 62.6 50.9 76.3

75 34.6 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 38.698 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

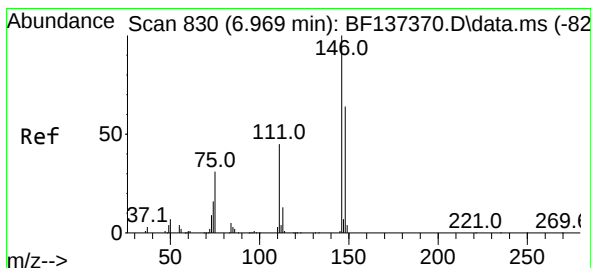
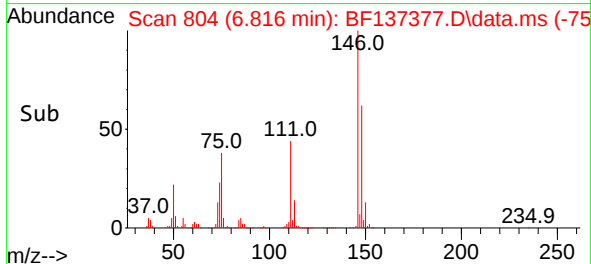
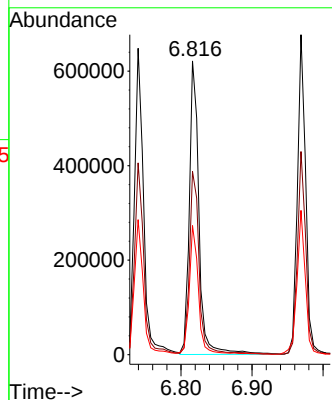
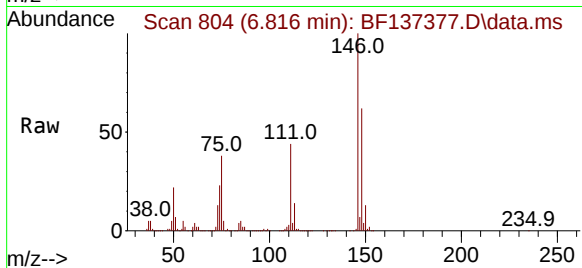
Tgt Ion:146 Resp: 586387

Ion Ratio Lower Upper

146 100

148 62.4 49.9 74.9

111 44.0 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 39.026 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

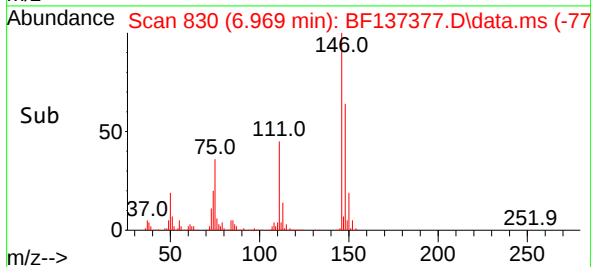
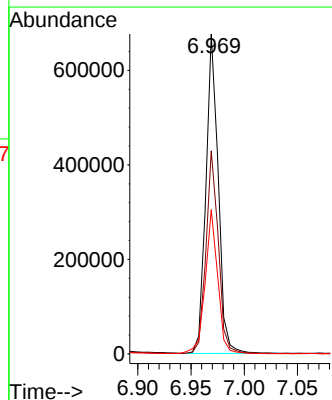
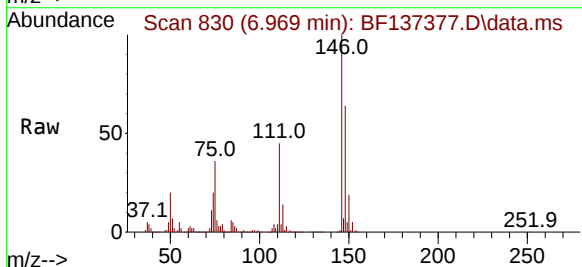
Tgt Ion:146 Resp: 546987

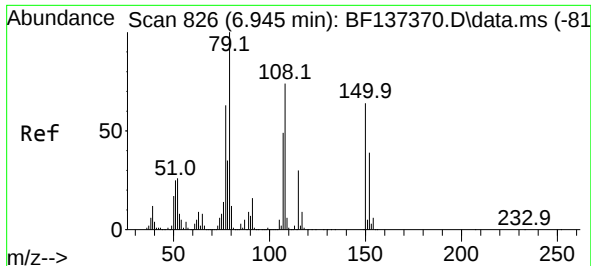
Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.0

111 45.1 36.6 54.8

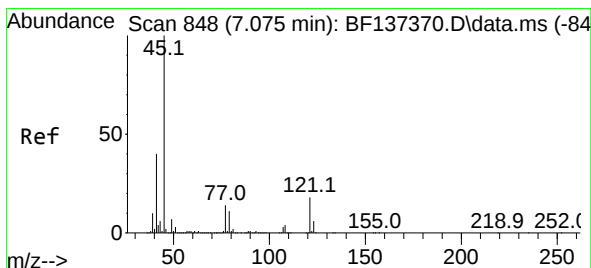
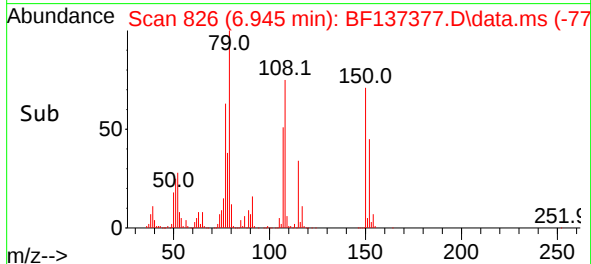
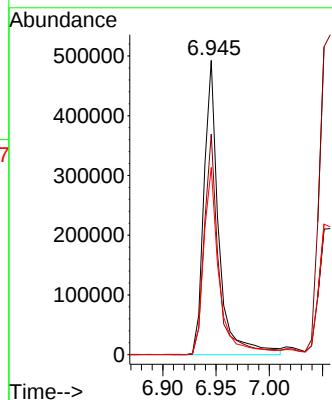
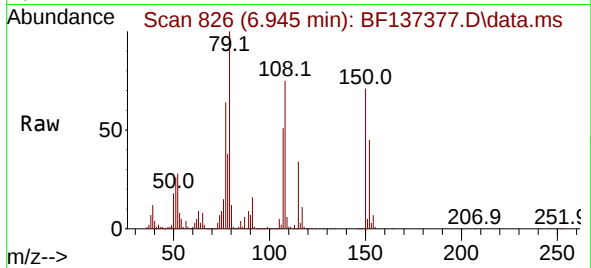




#15
Benzyl Alcohol
Concen: 42.724 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

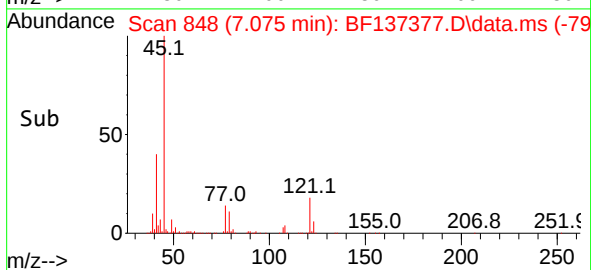
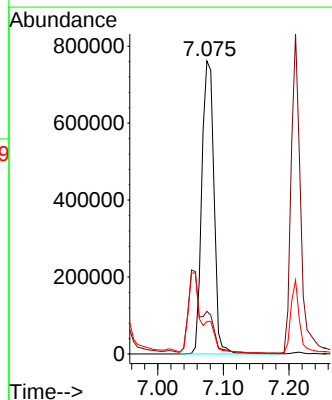
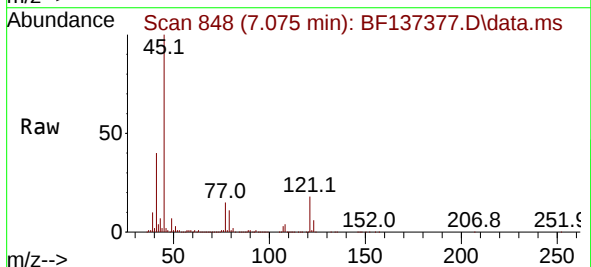
Instrument :
BNA_F
ClientSampleId :

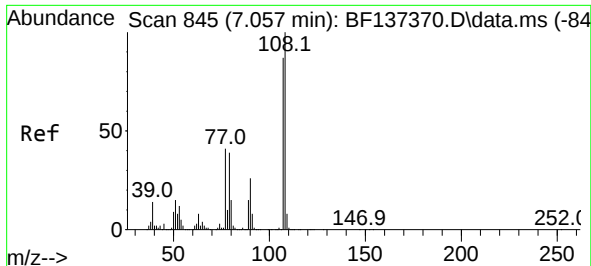
Tgt Ion: 79 Resp: 478698
Ion Ratio Lower Upper
79 100
108 74.9 59.5 89.3
77 63.6 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.552 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

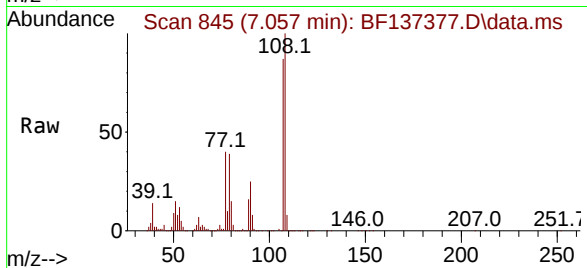
Tgt Ion: 45 Resp: 982701
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.6
79 11.1 0.0 31.6



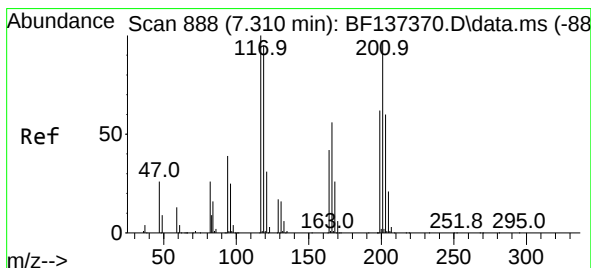
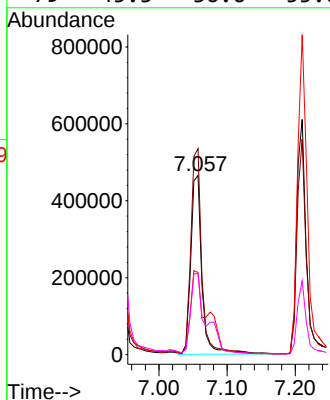
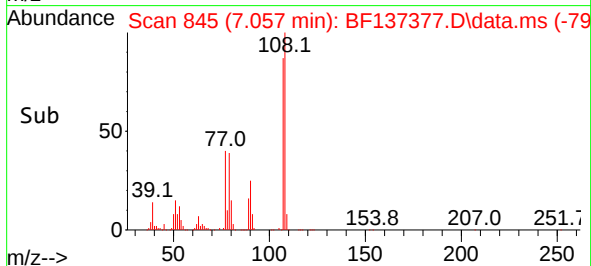


#17
2-Methylphenol
Concen: 40.281 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Instrument :
BNA_F
ClientSampleId :

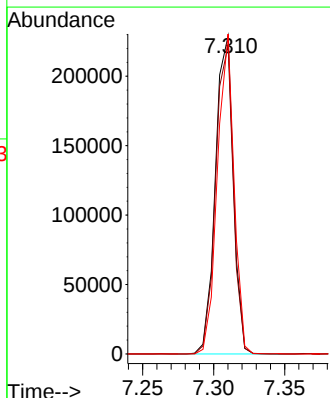
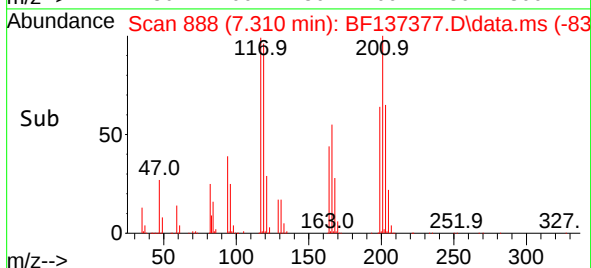
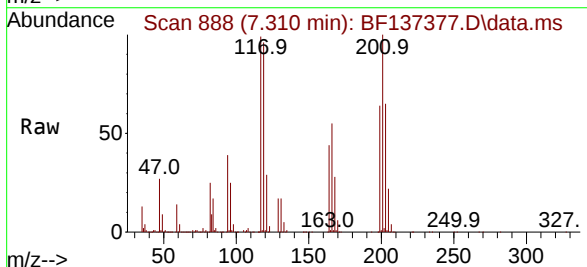


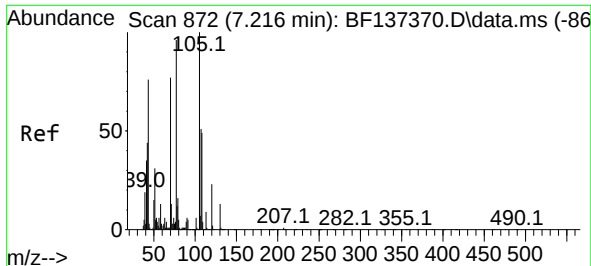
Tgt Ion:	107	Resp:	522333
Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.2	138.4
77	45.9	38.1	57.1
79	45.3	36.6	55.0



#18
Hexachloroethane
Concen: 38.457 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

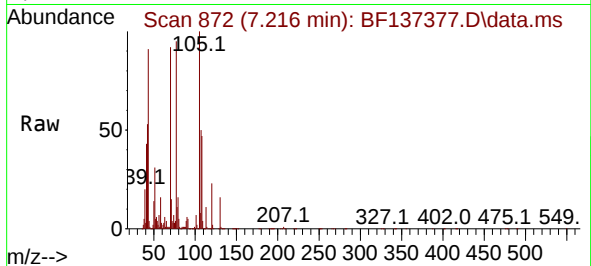
Tgt Ion:	117	Resp:	200802
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.4
201	100.6	77.6	116.4





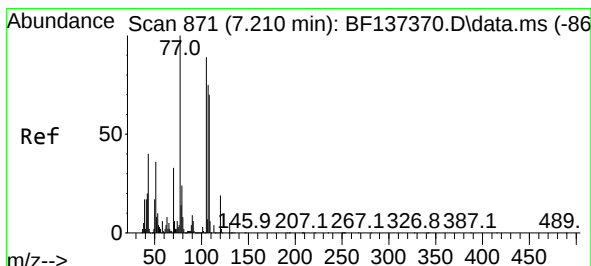
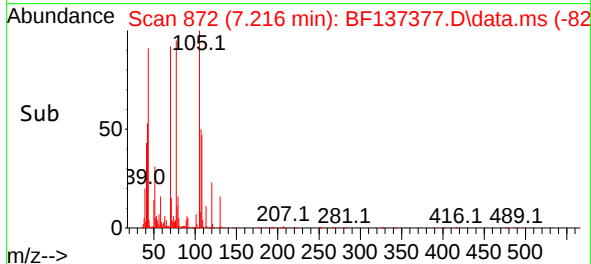
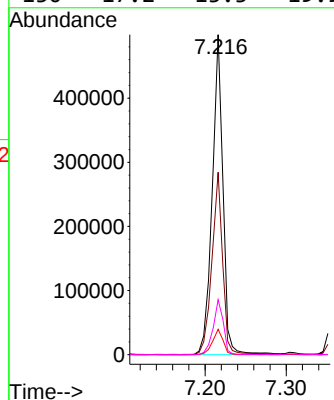
#19
n-Nitroso-di-n-propylamine
Concen: 39.514 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 457681

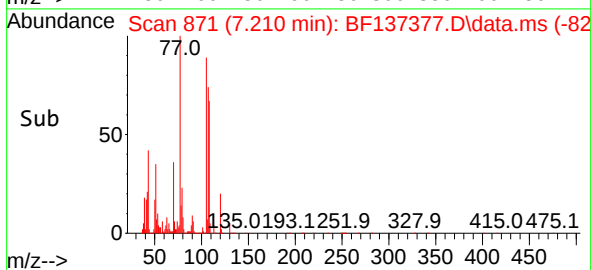
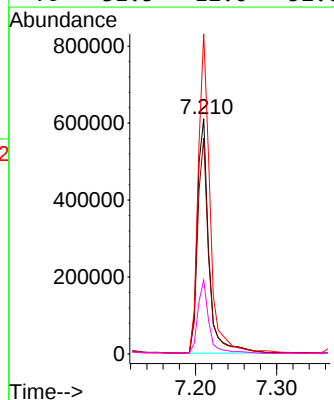
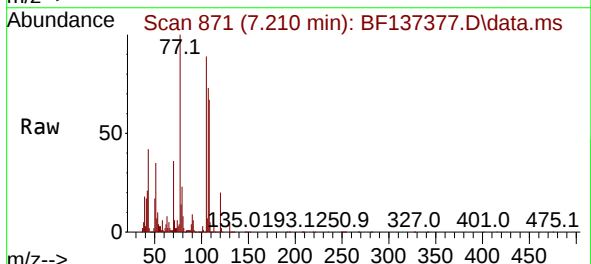
Ion	Ratio	Lower	Upper
70	100		
42	57.0	45.3	67.9
101	7.9	6.5	9.7
130	17.2	13.3	19.9

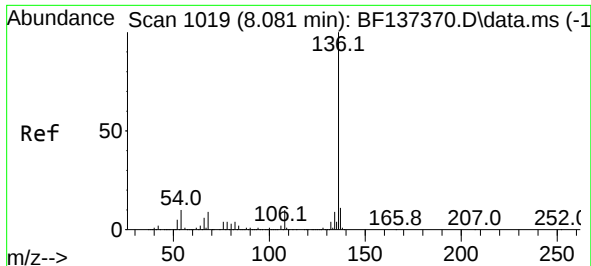


#20
3+4-Methylphenols
Concen: 40.898 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion: 107 Resp: 604460

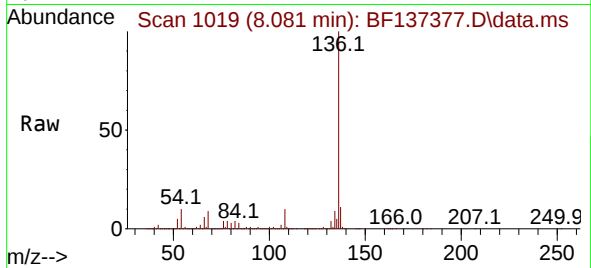
Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.1	113.1
77	136.1	113.6	153.6
79	31.5	12.0	52.0



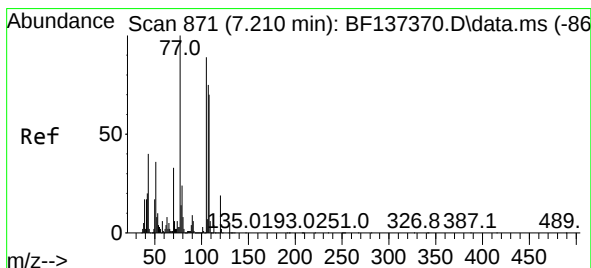
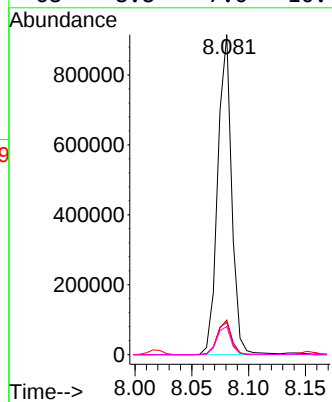
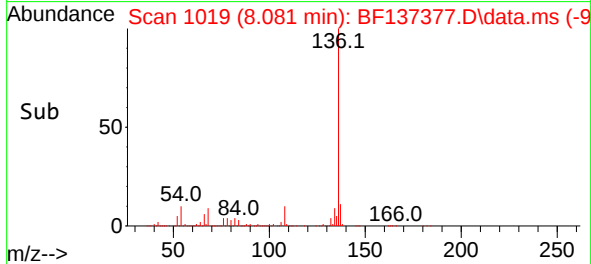


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

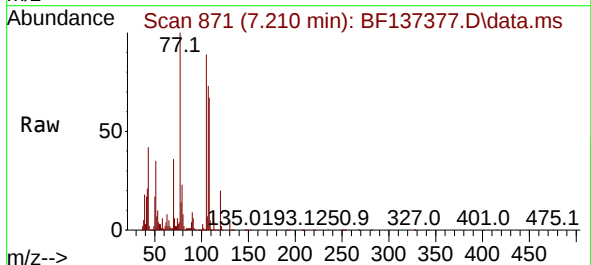
Instrument :
BNA_F
ClientSampleId :



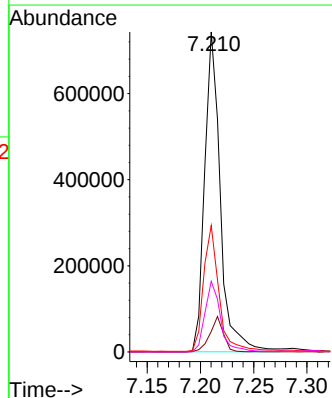
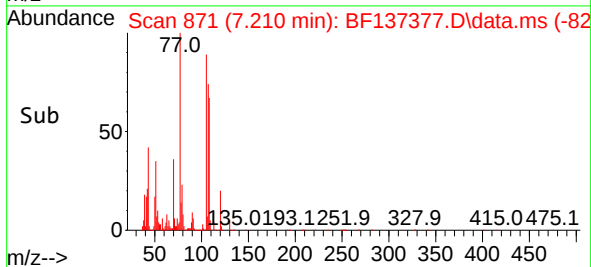
Tgt Ion:	136	Resp:	782873
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	10.0	7.8	11.6
68	8.8	7.0	10.4

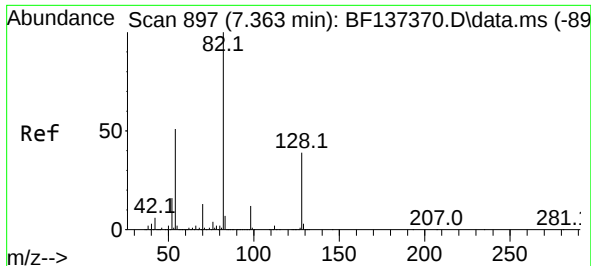


#22
Acetophenone
Concen: 40.259 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50



Tgt Ion:	105	Resp:	764268
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.0	7.6
51	39.5	32.2	48.4
120	22.1	17.0	25.4

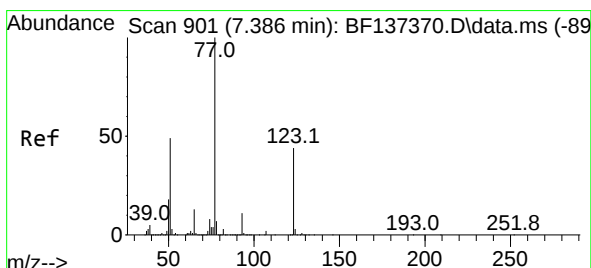
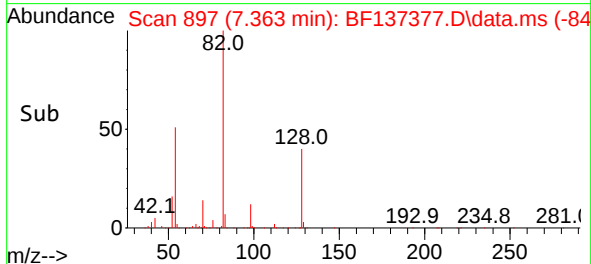
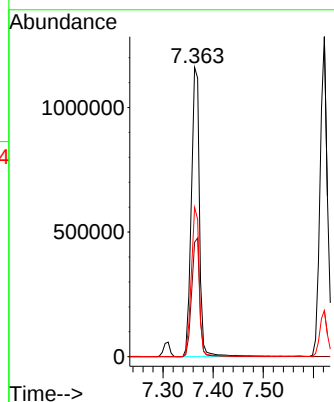
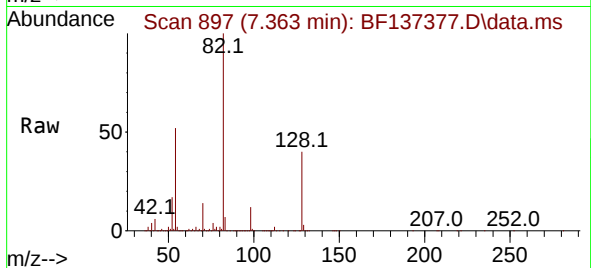




#23
Nitrobenzene-d5
Concen: 83.862 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

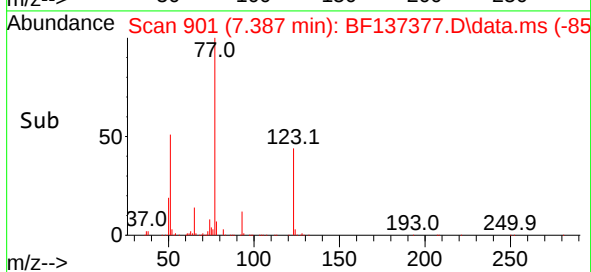
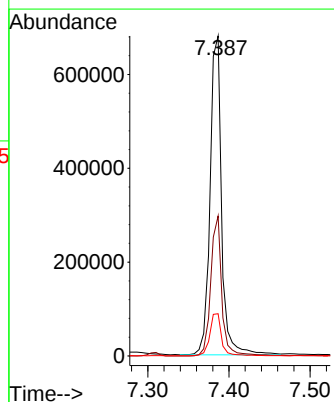
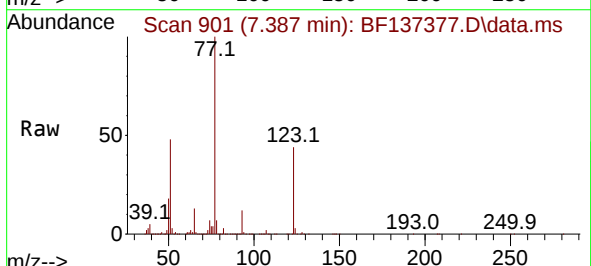
Instrument :
BNA_F
ClientSampleId :

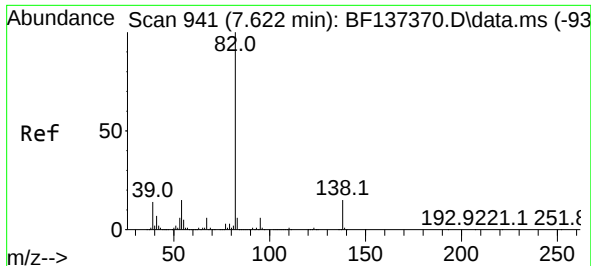
Tgt Ion: 82 Resp: 1315050
Ion Ratio Lower Upper
82 100
128 39.6 30.8 46.2
54 51.6 40.8 61.2



#24
Nitrobenzene
Concen: 42.096 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion: 77 Resp: 670743
Ion Ratio Lower Upper
77 100
123 43.8 35.4 53.0
65 13.2 10.3 15.5

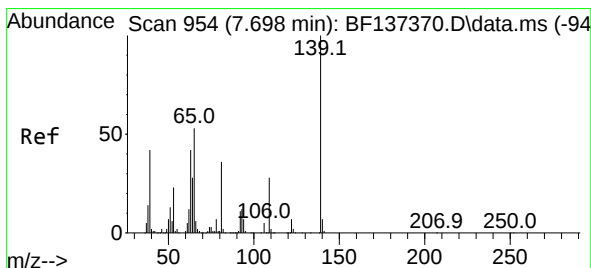
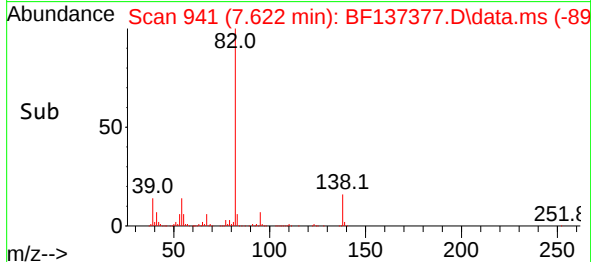
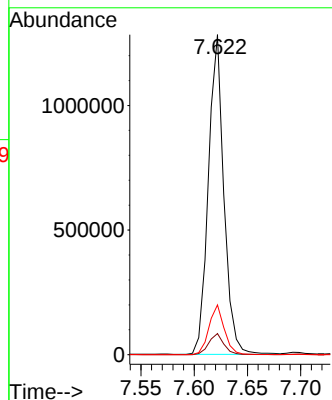
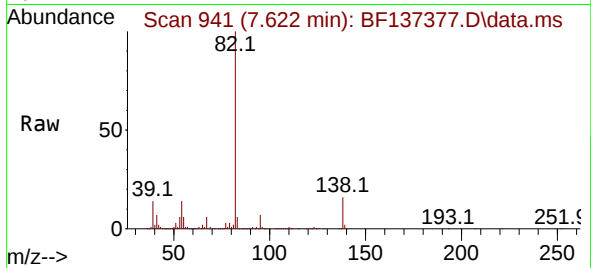




#25
Isophorone
Concen: 40.238 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

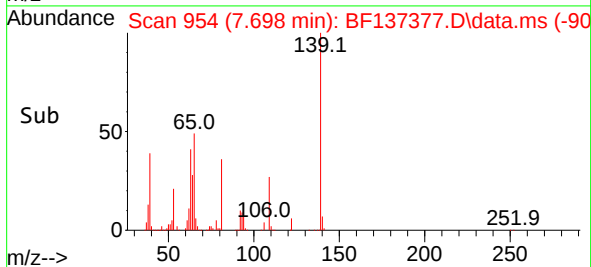
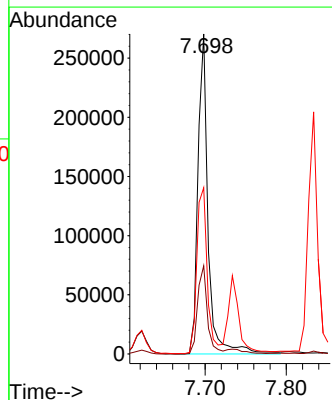
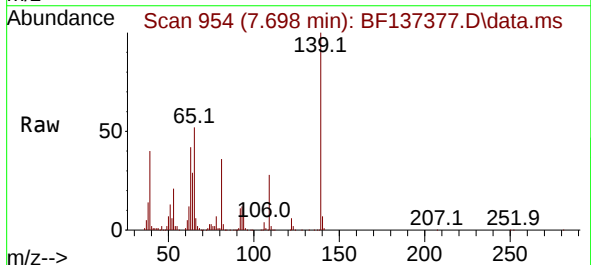
Instrument :
BNA_F
ClientSampleId :

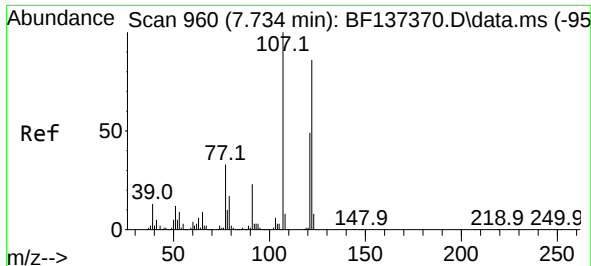
Tgt Ion: 82 Resp: 1304864
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 15.5 12.2 18.4



#26
2-Nitrophenol
Concen: 39.294 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion: 139 Resp: 235831
Ion Ratio Lower Upper
139 100
109 27.5 22.5 33.7
65 52.0 42.3 63.5

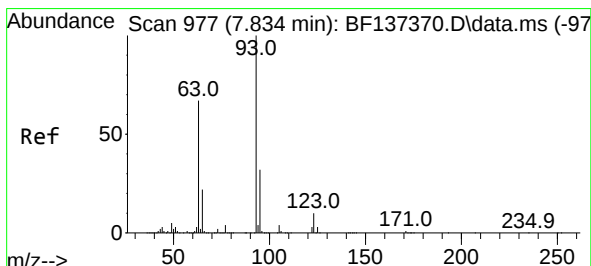
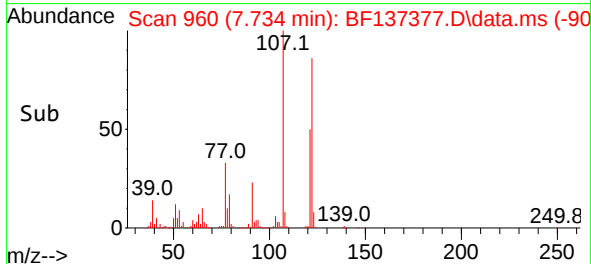
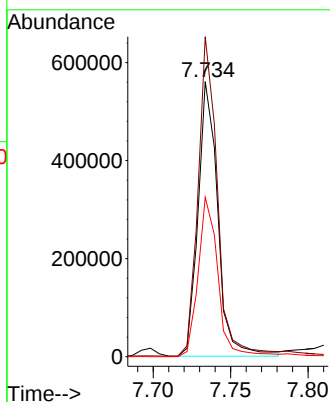
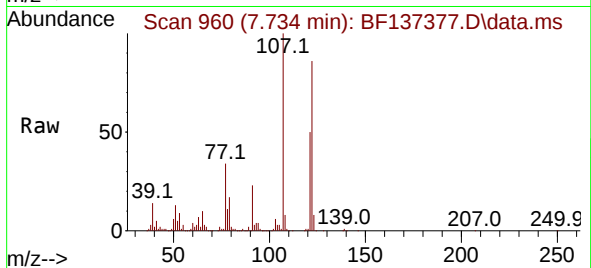




#27
2,4-Dimethylphenol
Concen: 41.558 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

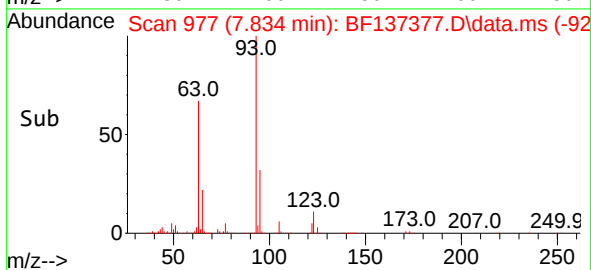
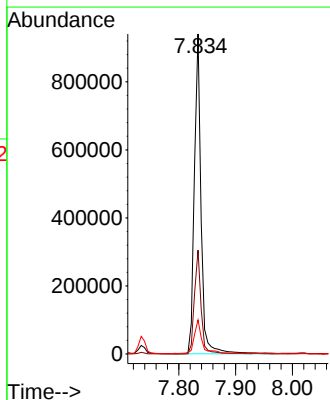
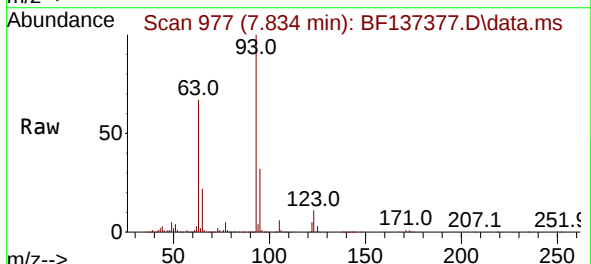
Instrument :
BNA_F
ClientSampleId :

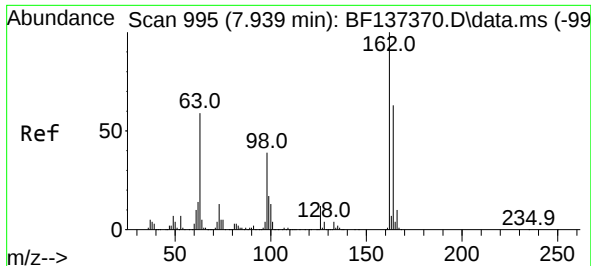
Tgt Ion:122 Resp: 495631
Ion Ratio Lower Upper
122 100
107 116.4 92.7 139.1
121 57.9 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.691 ng
RT: 7.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

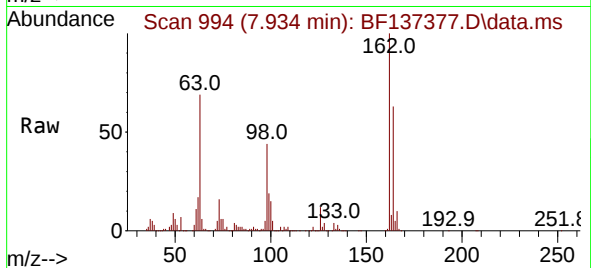
Tgt Ion: 93 Resp: 779259
Ion Ratio Lower Upper
93 100
95 32.4 25.9 38.9
123 10.7 8.2 12.4



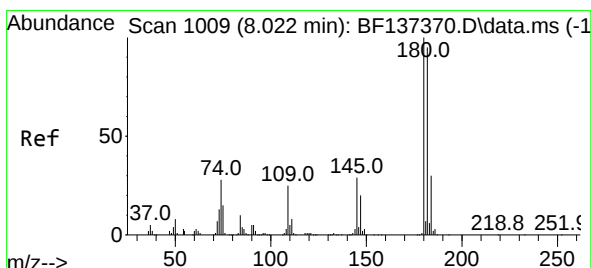
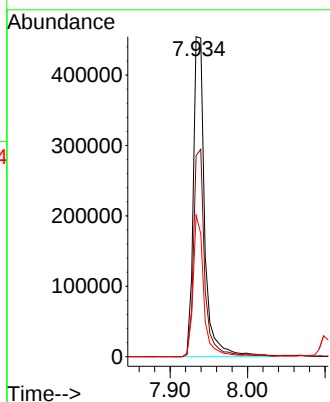
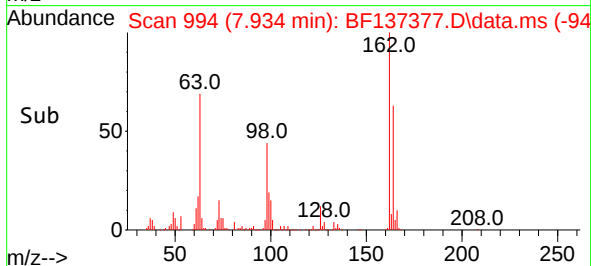


#29
2,4-Dichlorophenol
Concen: 41.727 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

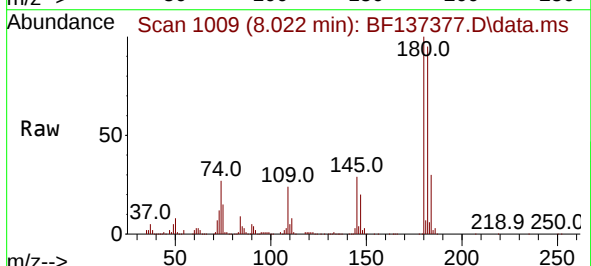
Instrument :
BNA_F
ClientSampleId :



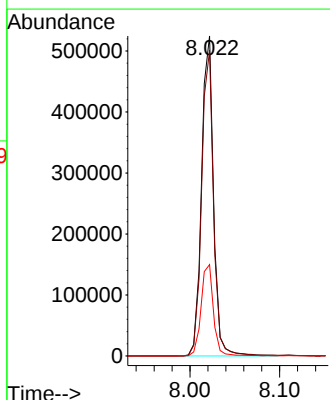
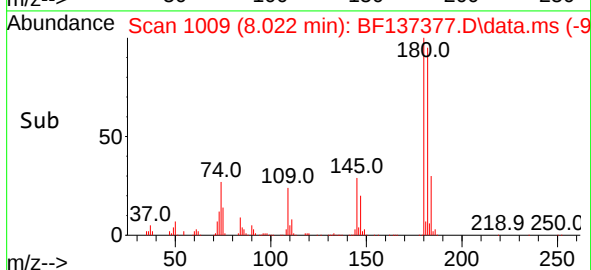
Tgt Ion:162 Resp: 466421
Ion Ratio Lower Upper
162 100
164 62.8 43.1 83.1
98 44.2 19.0 59.0

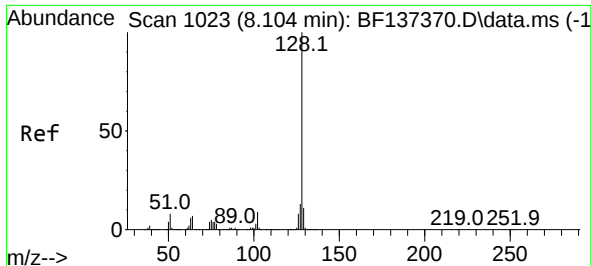


#30
1,2,4-Trichlorobenzene
Concen: 40.554 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50



Tgt Ion:180 Resp: 486562
Ion Ratio Lower Upper
180 100
182 95.5 75.8 113.6
145 28.6 23.4 35.0

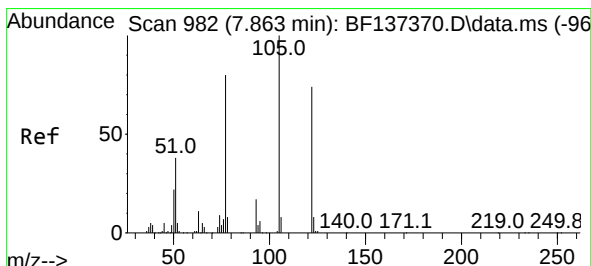
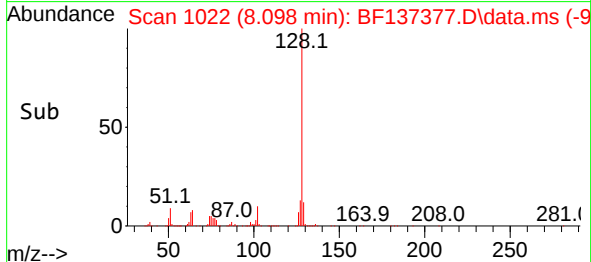
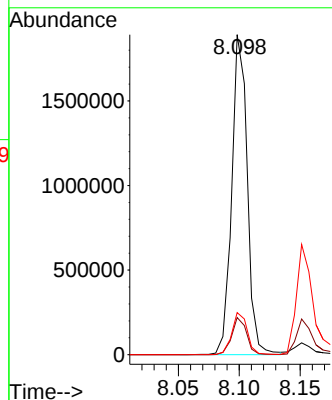
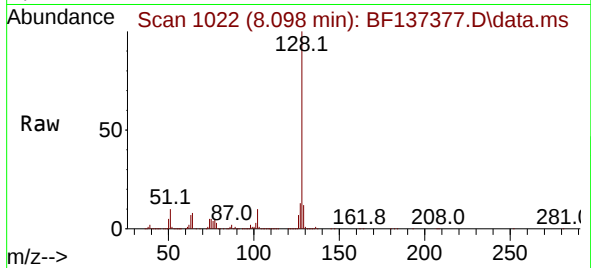




#31
Naphthalene
Concen: 40.005 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

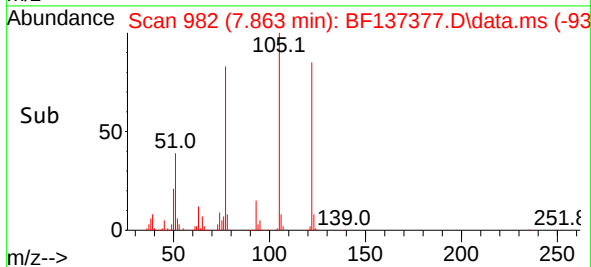
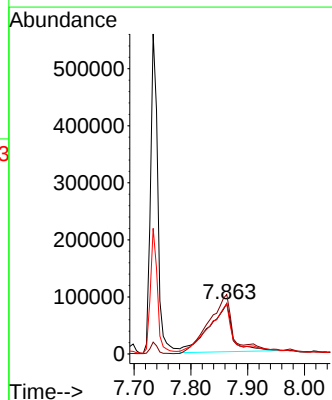
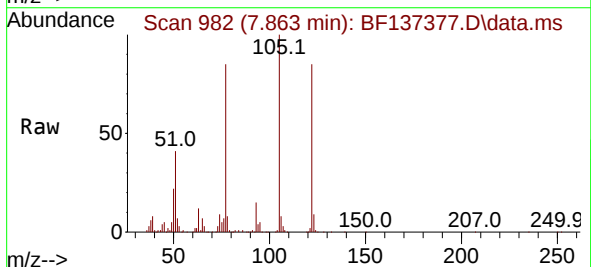
Instrument :
BNA_F
ClientSampleId :

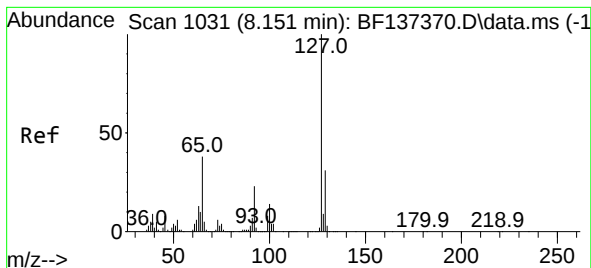
Tgt Ion:128 Resp: 1680739
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 35.641 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion:122 Resp: 244827
Ion Ratio Lower Upper
122 100
105 118.1 101.1 141.1
77 99.8 82.8 122.8





#33

4-Chloroaniline

Concen: 43.522 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 695447

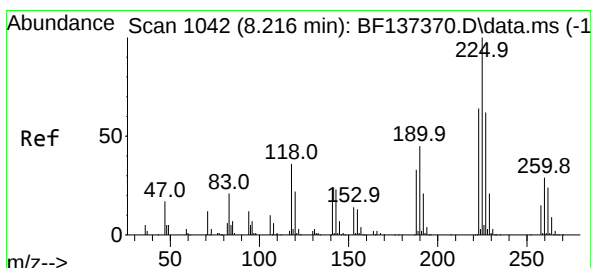
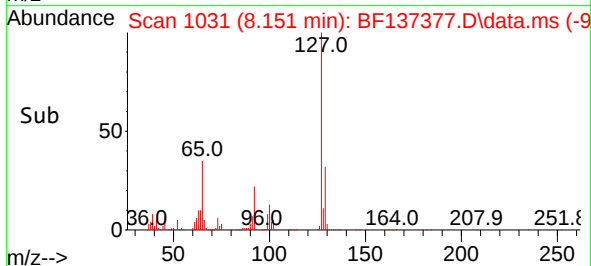
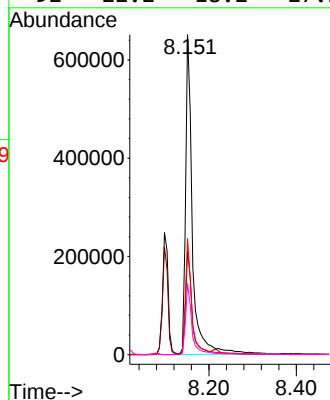
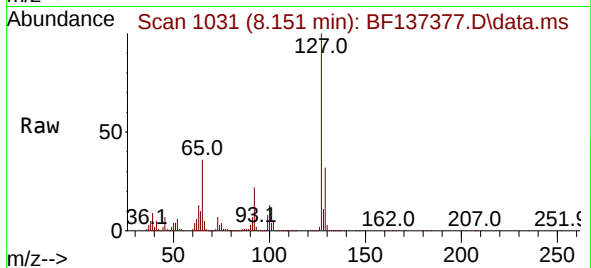
Ion Ratio Lower Upper

127 100

129 32.4 25.0 37.6

65 36.3 30.4 45.6

92 22.2 18.2 27.2



#34

Hexachlorobutadiene

Concen: 40.354 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

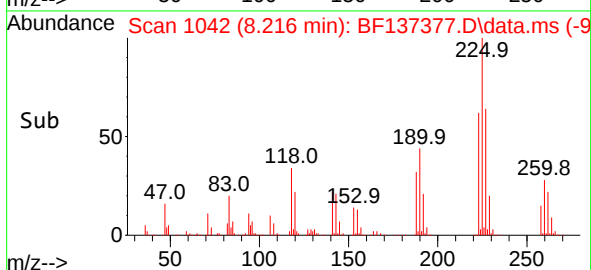
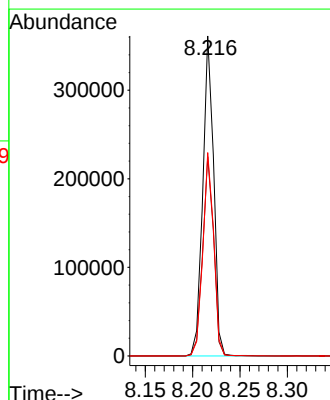
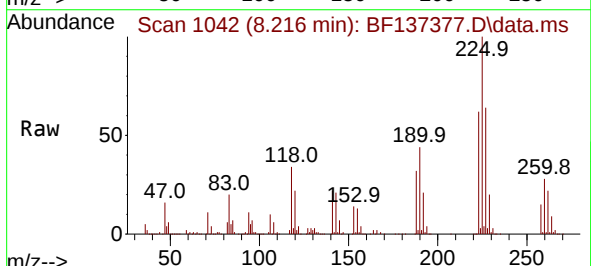
Tgt Ion:225 Resp: 287622

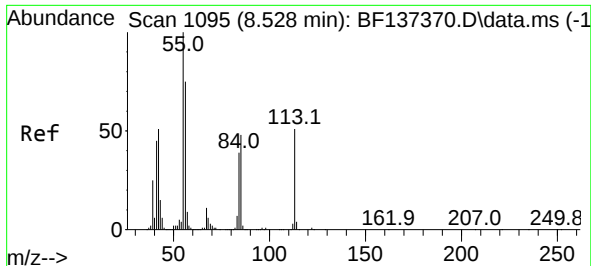
Ion Ratio Lower Upper

225 100

223 62.3 51.4 77.0

227 63.5 49.8 74.6

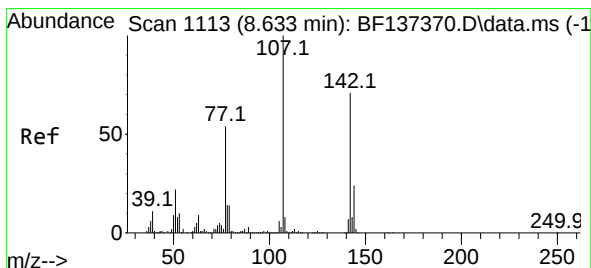
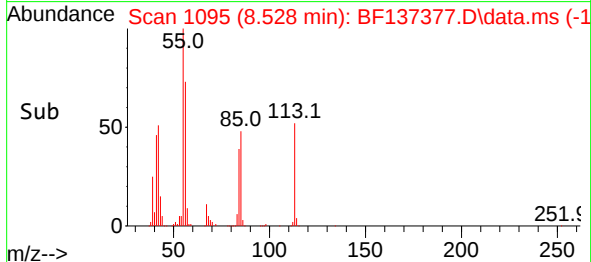
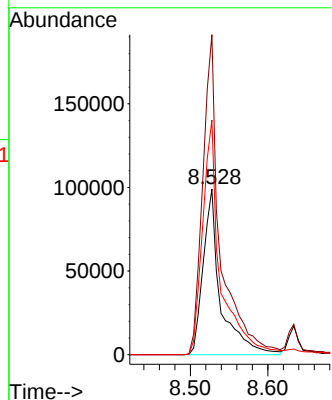
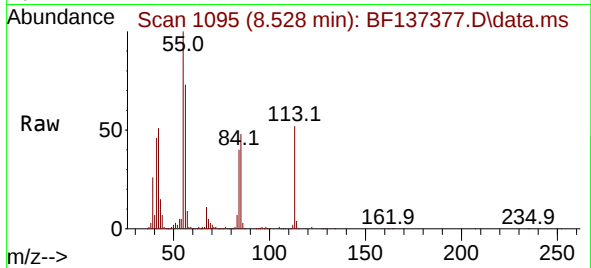




#35
Caprolactam
Concen: 44.782 ng
RT: 8.528 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

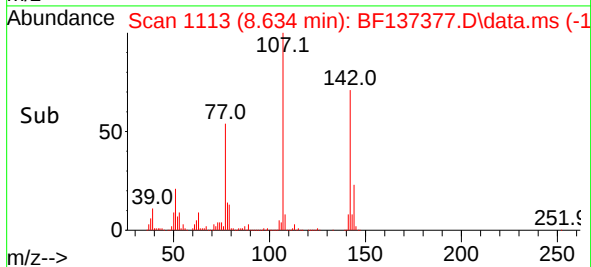
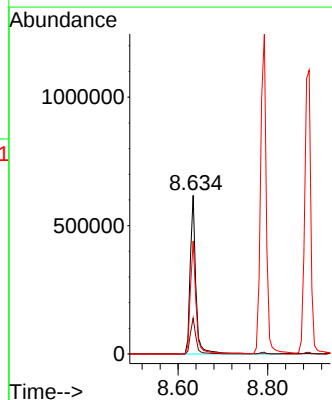
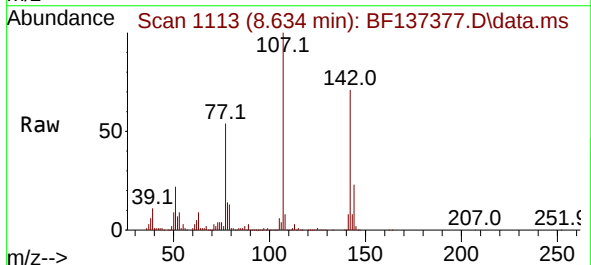
Instrument :
BNA_F
ClientSampleId :

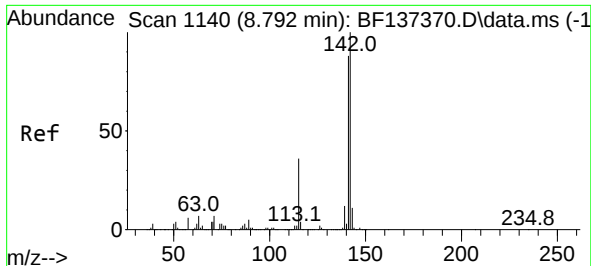
Tgt Ion:113 Resp: 154801
Ion Ratio Lower Upper
113 100
55 193.1 176.3 216.3
56 141.5 127.6 167.6



#36
4-Chloro-3-methylphenol
Concen: 42.611 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.001 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion:107 Resp: 539987
Ion Ratio Lower Upper
107 100
144 22.7 18.9 28.3
142 71.1 56.6 85.0





#37

2-Methylnaphthalene

Concen: 40.399 ng

RT: 8.792 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

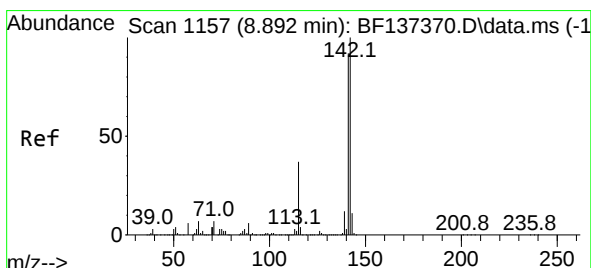
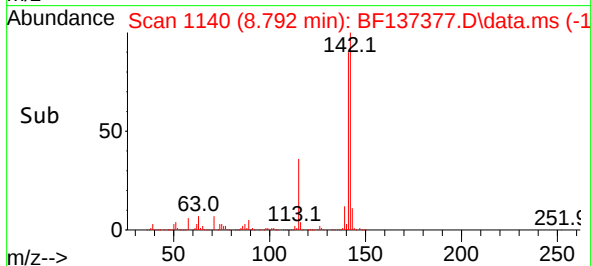
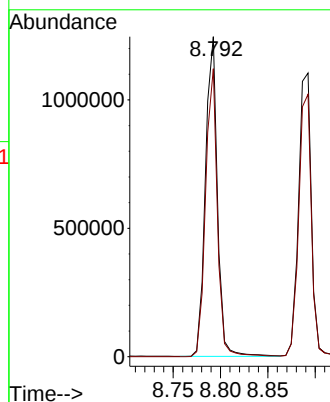
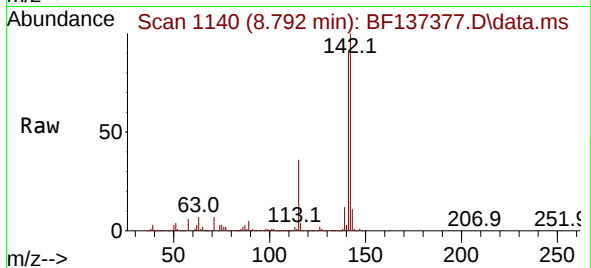
ClientSampleId :

Tgt Ion:142 Resp: 1093671

Ion Ratio Lower Upper

142 100

141 90.0 70.3 105.5



#38

1-Methylnaphthalene

Concen: 40.282 ng

RT: 8.892 min Scan# 1157

Delta R.T. 0.000 min

Lab File: BF137377.D

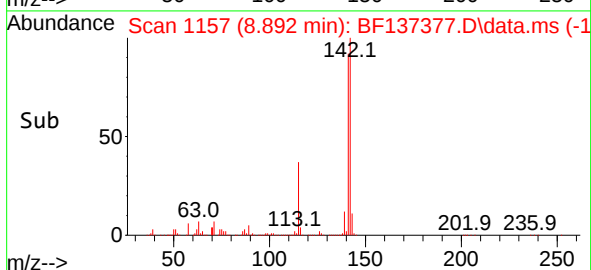
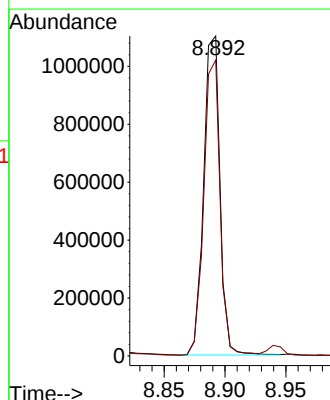
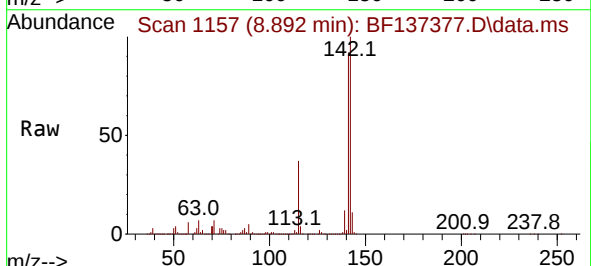
Acq: 26 Feb 2024 10:50

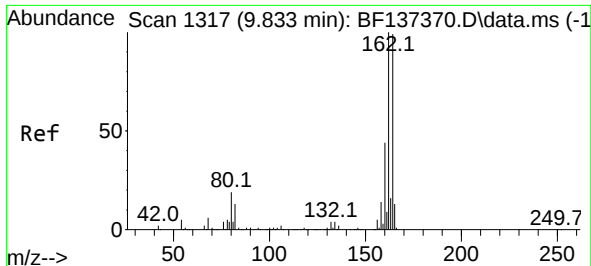
Tgt Ion:142 Resp: 1031042

Ion Ratio Lower Upper

142 100

141 92.5 73.2 109.8

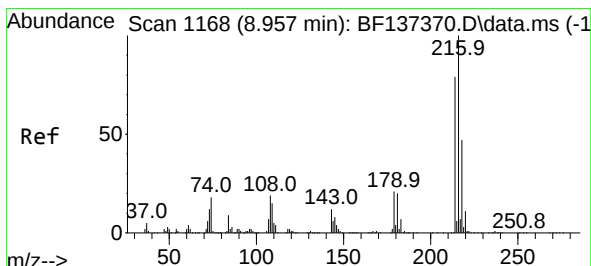
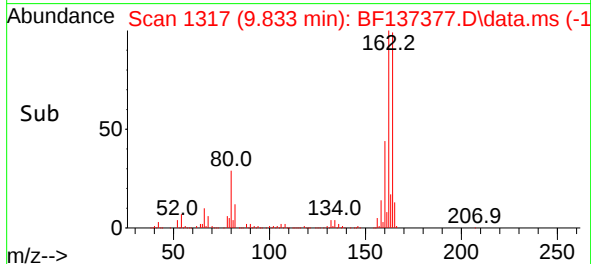
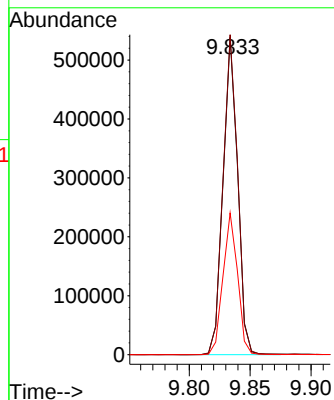
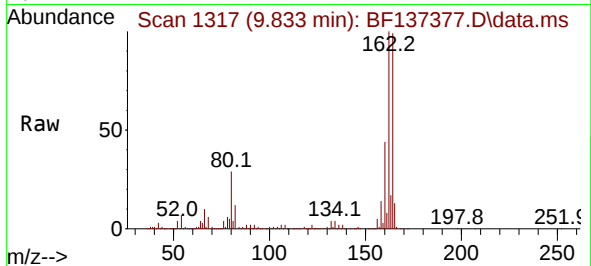




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

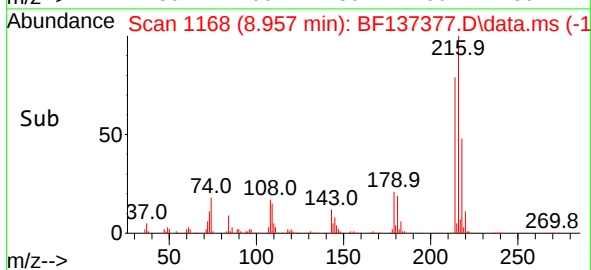
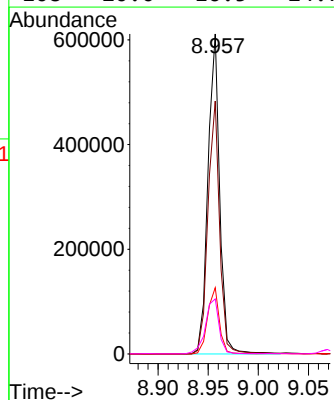
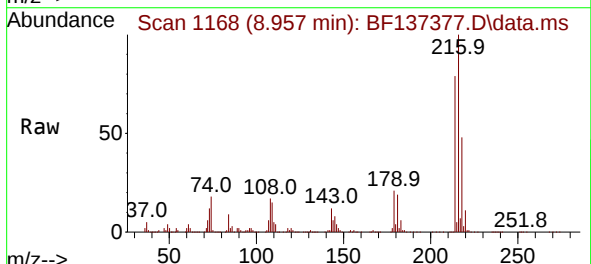
Instrument :
BNA_F
ClientSampleId :

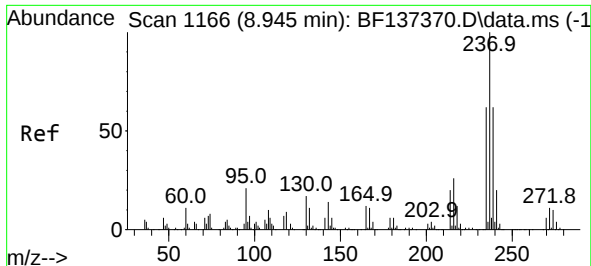
Tgt Ion:164 Resp: 449598
Ion Ratio Lower Upper
164 100
162 100.8 81.2 121.8
160 44.7 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.400 ng
RT: 8.957 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

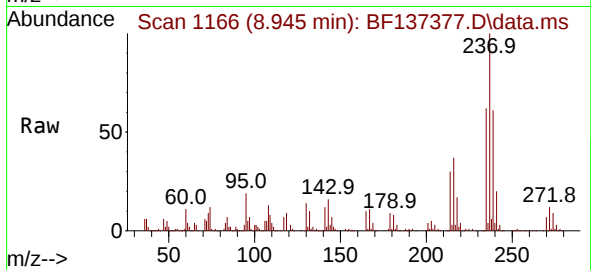
Tgt Ion:216 Resp: 500282
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 20.7 16.5 24.7
108 20.0 16.5 24.7



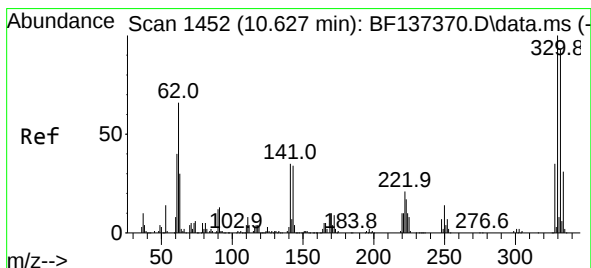
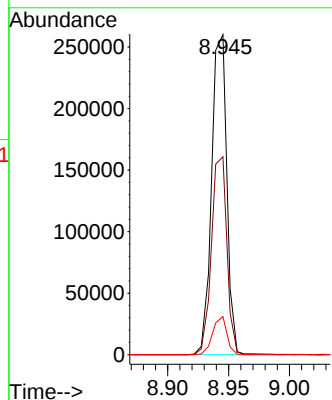
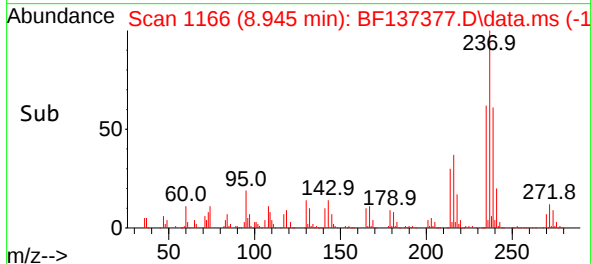


#41
Hexachlorocyclopentadiene
Concen: 40.145 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

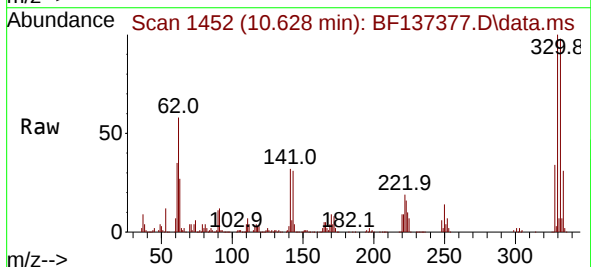
Instrument :
BNA_F
ClientSampleId :



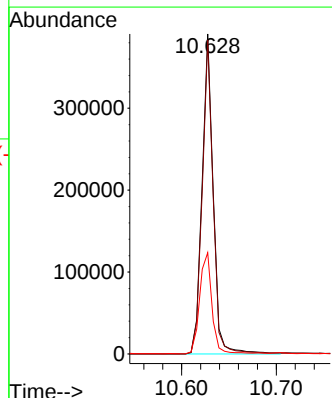
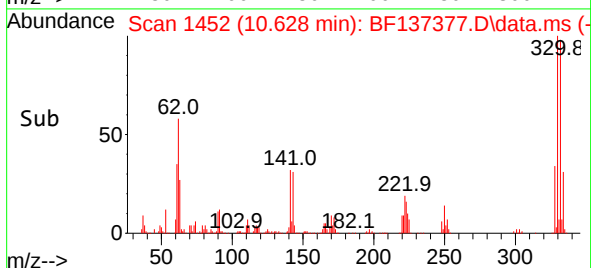
Tgt Ion:237 Resp: 225393
Ion Ratio Lower Upper
237 100
235 61.9 42.0 82.0
272 11.9 0.0 31.3

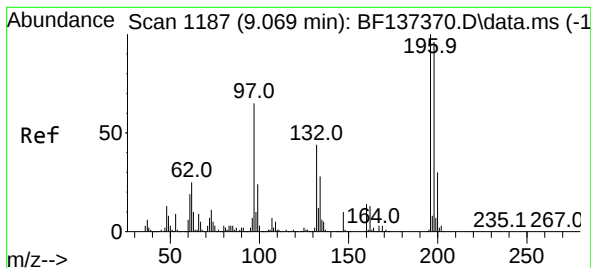


#42
2,4,6-Tribromophenol
Concen: 81.998 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50



Tgt Ion:330 Resp: 321031
Ion Ratio Lower Upper
330 100
332 97.0 75.6 113.4
141 35.0 28.6 42.8





#43

2,4,6-Trichlorophenol

Concen: 41.609 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

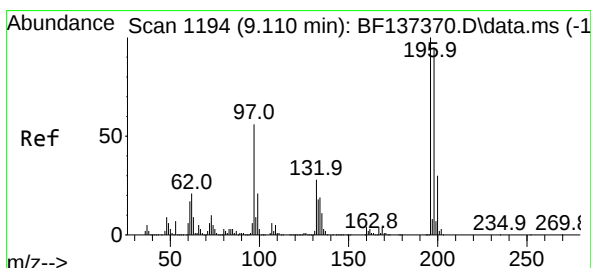
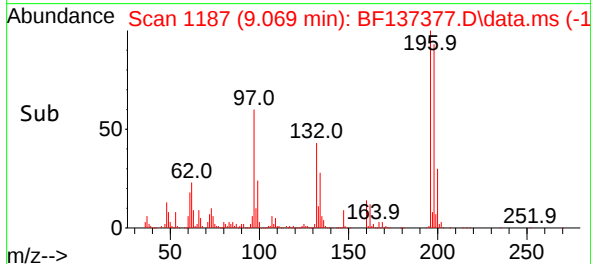
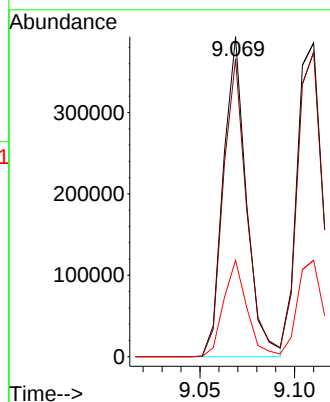
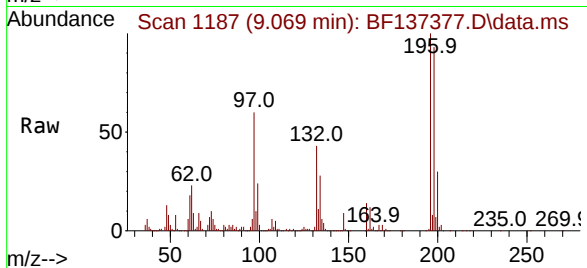
Tgt Ion:196 Resp: 334082

Ion Ratio Lower Upper

196 100

198 93.1 77.0 115.4

200 30.1 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.504 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Tgt Ion:196 Resp: 382304

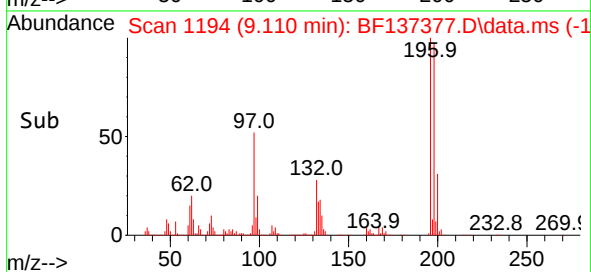
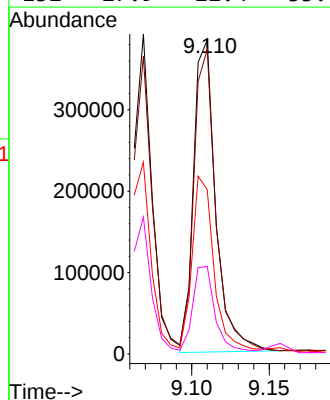
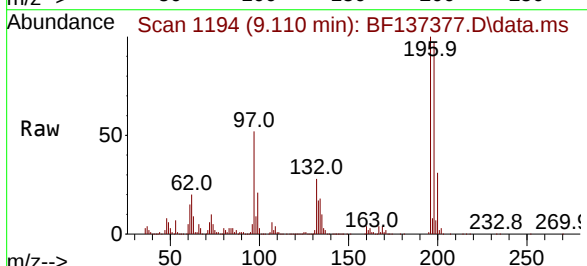
Ion Ratio Lower Upper

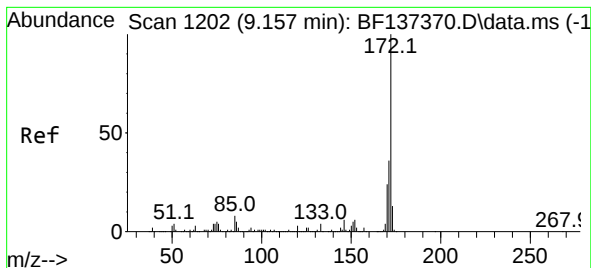
196 100

198 97.0 75.6 113.4

97 52.4 44.6 66.8

132 27.9 22.4 33.6





#45

2-Fluorobiphenyl

Concen: 77.930 ng

RT: 9.157 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

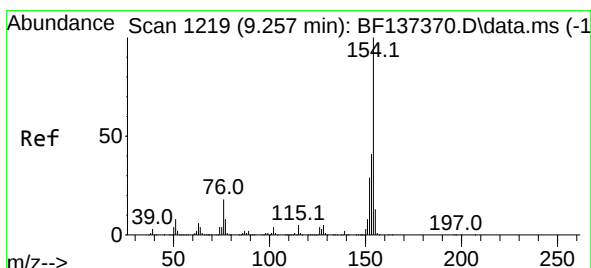
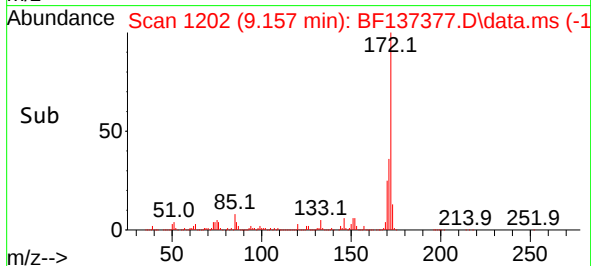
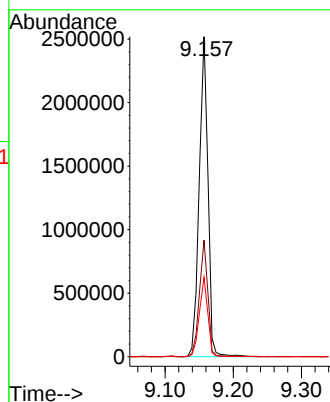
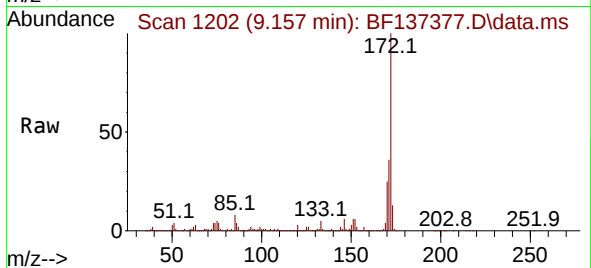
Tgt Ion:172 Resp: 2250523

Ion Ratio Lower Upper

172 100

171 36.4 28.7 43.1

170 24.8 19.5 29.3



#46

1,1'-Biphenyl

Concen: 40.404 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

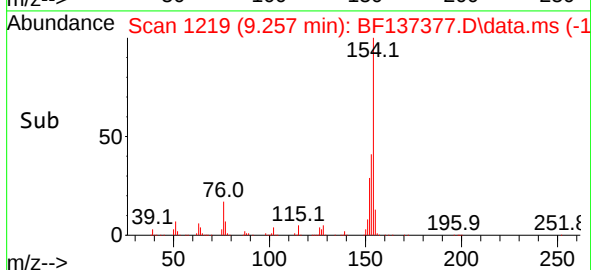
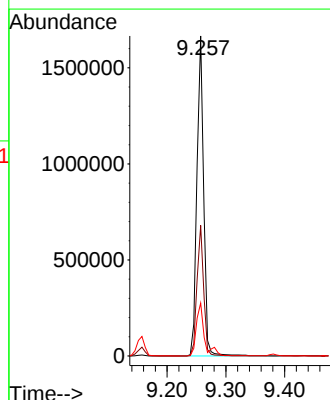
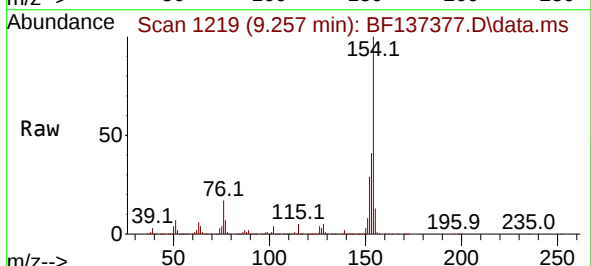
Tgt Ion:154 Resp: 1323045

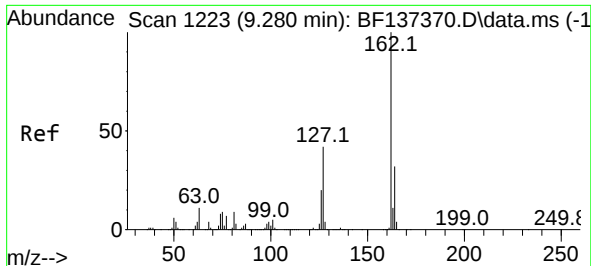
Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

76 16.5 0.0 37.9





#47

2-Chloronaphthalene

Concen: 40.497 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.001 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

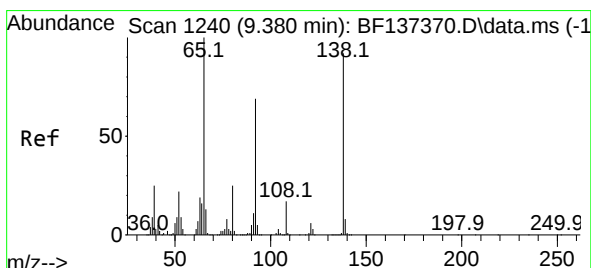
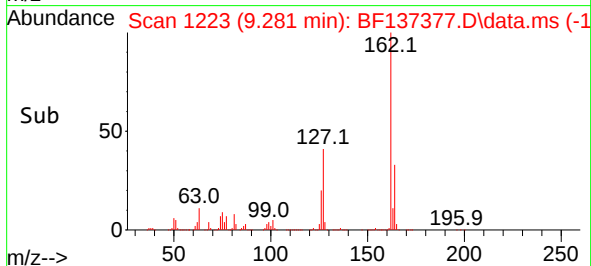
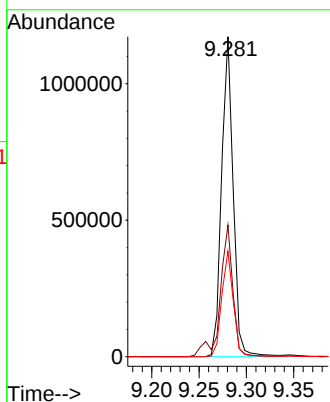
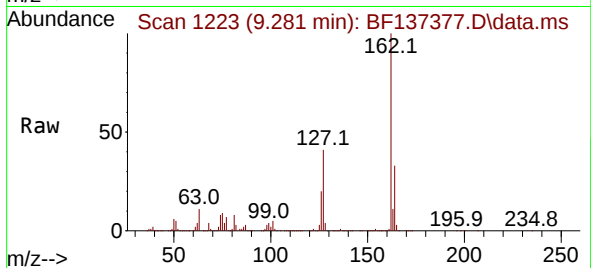
Tgt Ion:162 Resp: 1001471

Ion Ratio Lower Upper

162 100

127 41.1 33.6 50.4

164 32.9 25.9 38.9



#48

2-Nitroaniline

Concen: 38.904 ng

RT: 9.381 min Scan# 1240

Delta R.T. 0.001 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

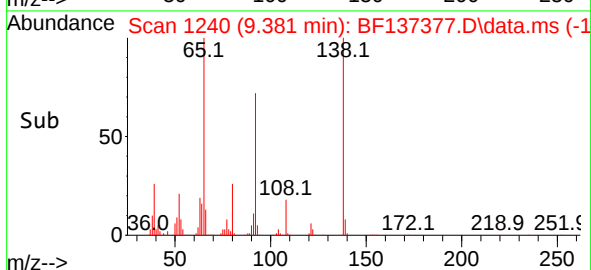
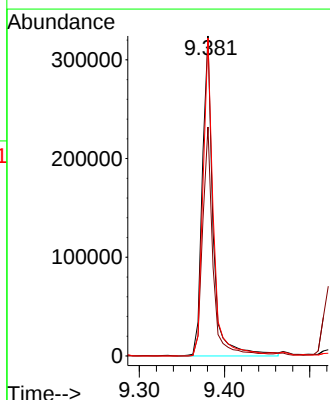
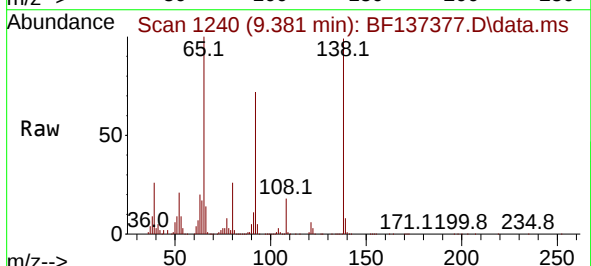
Tgt Ion: 65 Resp: 285576

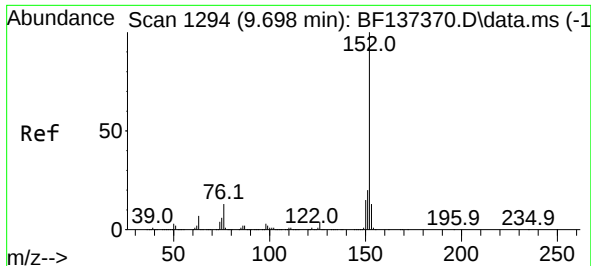
Ion Ratio Lower Upper

65 100

92 71.5 55.0 82.6

138 99.3 73.7 110.5

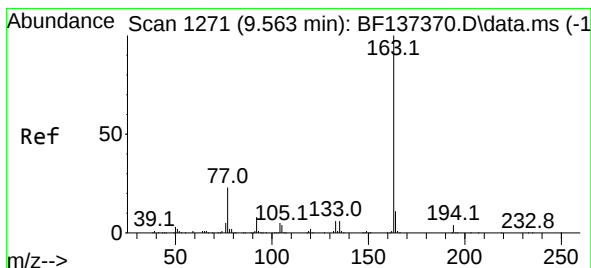
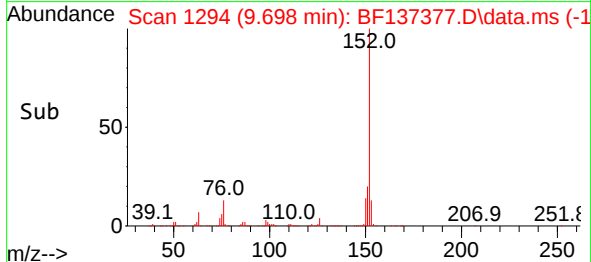
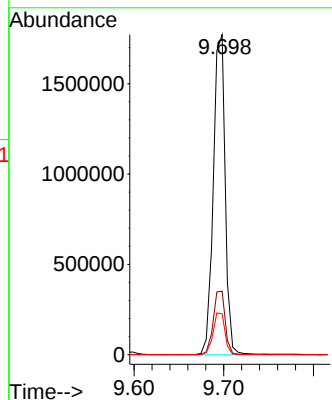
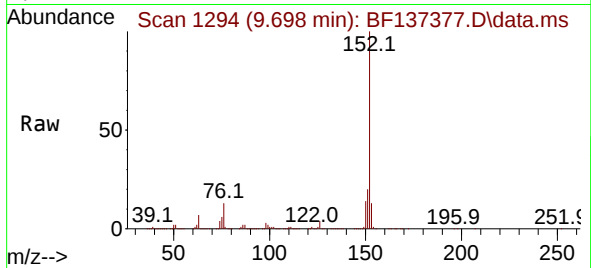




#49
Acenaphthylene
Concen: 40.558 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

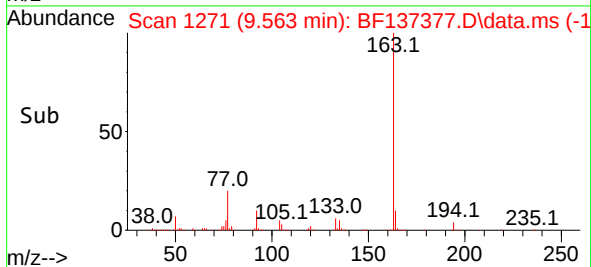
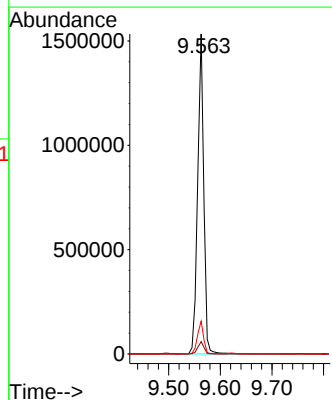
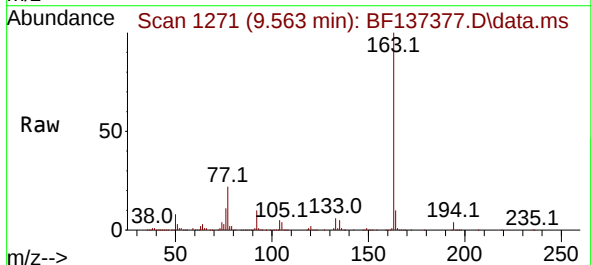
Instrument :
BNA_F
ClientSampleId :

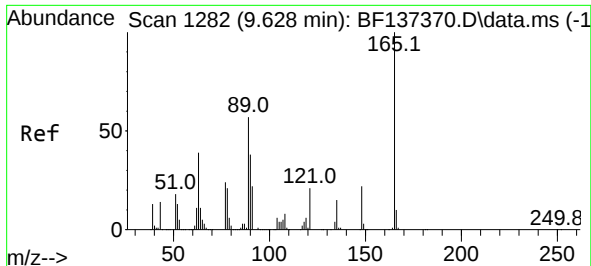
Tgt Ion:152 Resp: 1629566
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.7 10.6 15.8



#50
Dimethylphthalate
Concen: 40.514 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

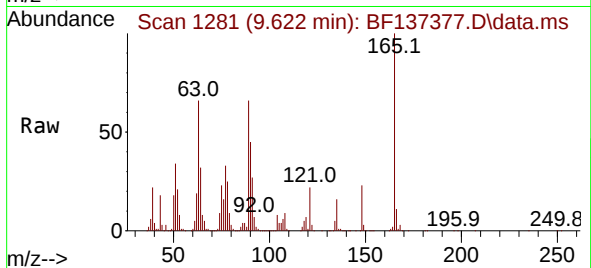
Tgt Ion:163 Resp: 1258648
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 8.5 12.7



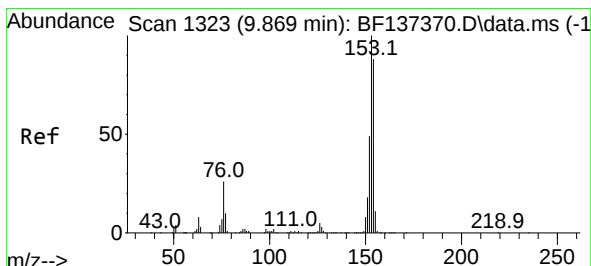
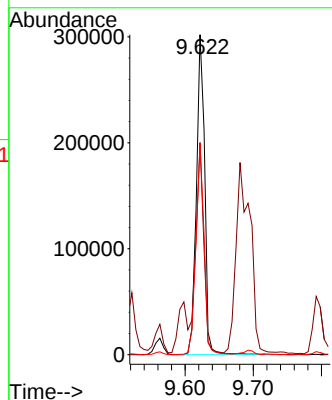
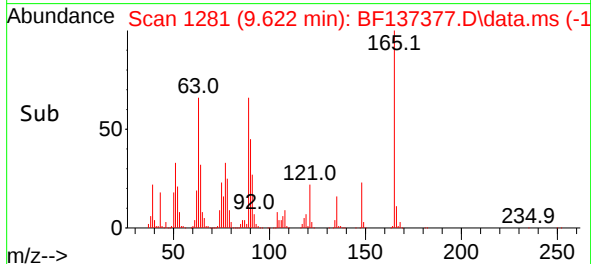


#51
2,6-Dinitrotoluene
Concen: 43.766 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Instrument :
BNA_F
ClientSampleId :

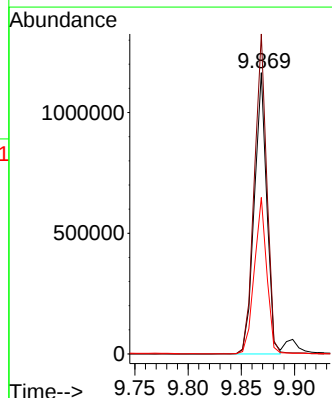
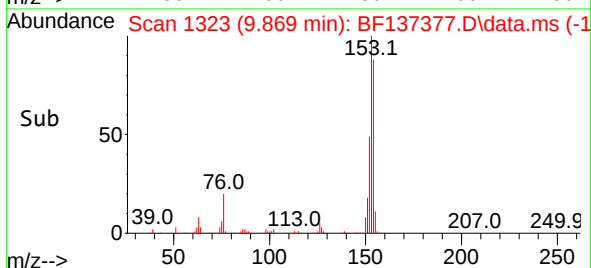
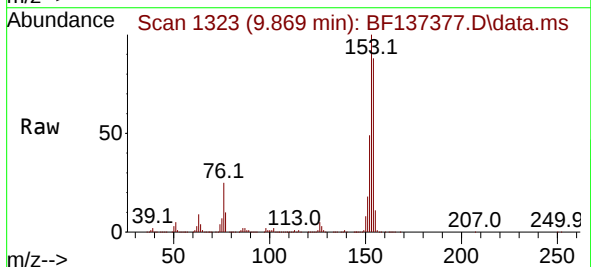


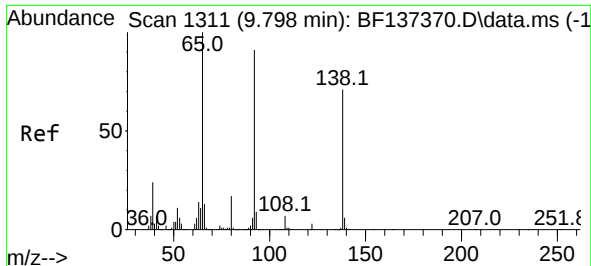
Tgt Ion:165 Resp: 252952
Ion Ratio Lower Upper
165 100
63 66.3 41.6 62.4#
89 66.1 45.8 68.6



#52
Acenaphthene
Concen: 39.665 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion:154 Resp: 951319
Ion Ratio Lower Upper
154 100
153 113.8 90.6 135.8
152 55.7 44.1 66.1

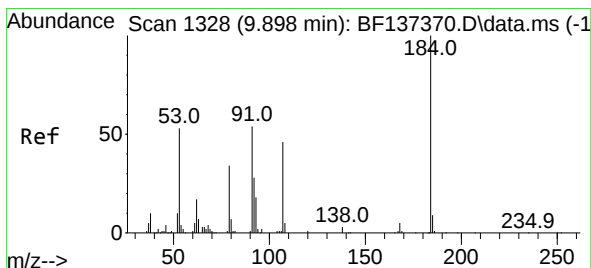
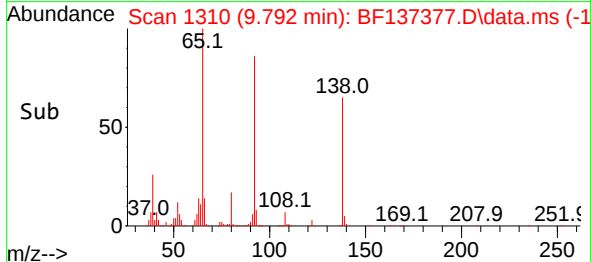
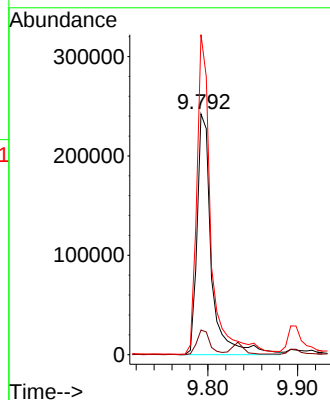
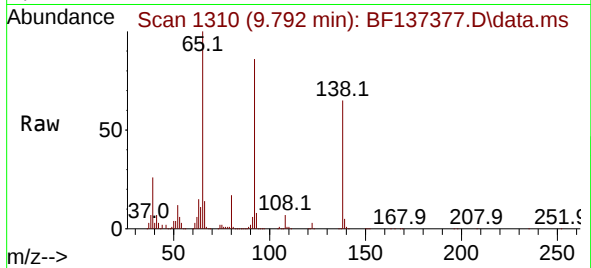




#53
3-Nitroaniline
Concen: 41.267 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

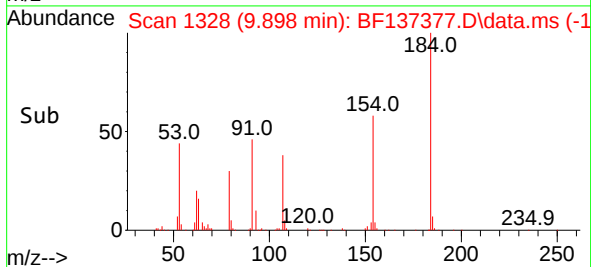
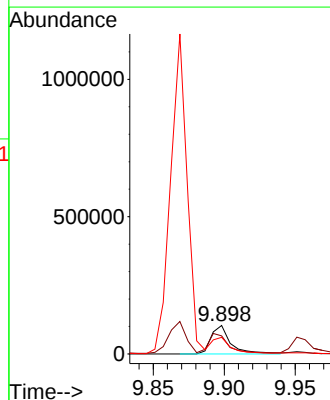
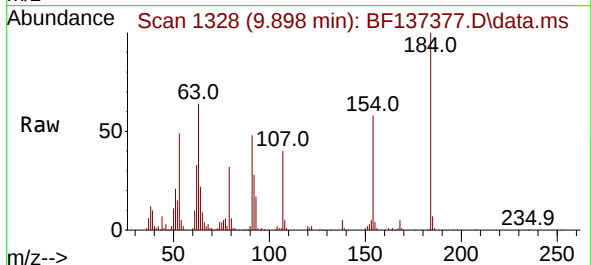
Instrument :
BNA_F
ClientSampleId :

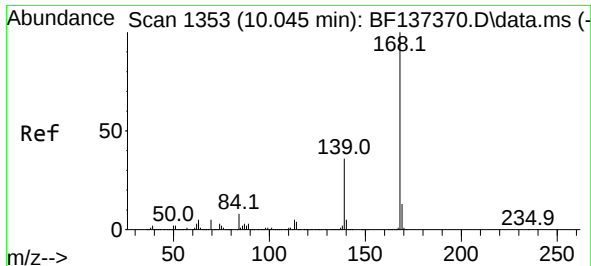
Tgt Ion:138 Resp: 270229
Ion Ratio Lower Upper
138 100
108 10.2 8.2 12.2
92 133.0 102.2 153.2



#54
2,4-Dinitrophenol
Concen: 39.367 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion:184 Resp: 99832
Ion Ratio Lower Upper
184 100
63 63.6 55.9 83.9
154 58.2 47.6 71.4

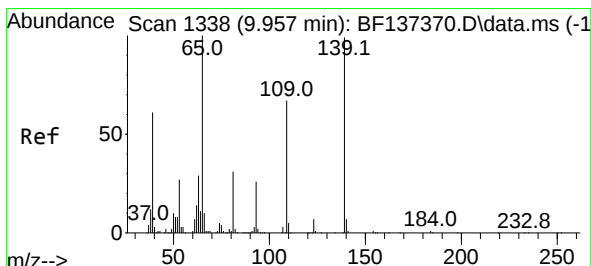
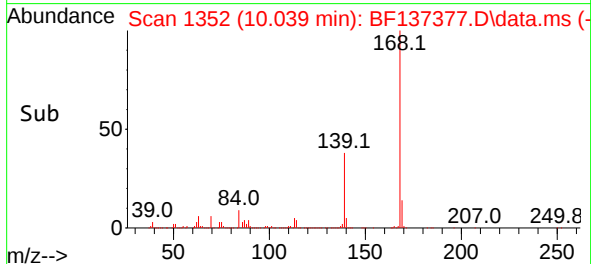
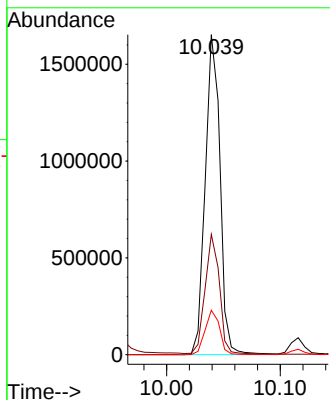
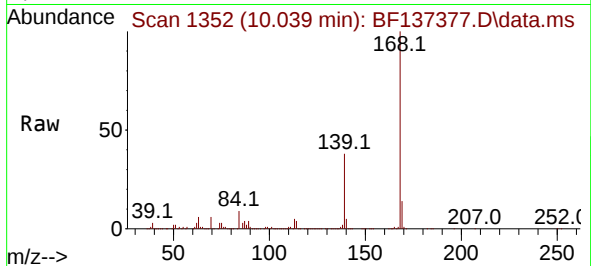




#55
Dibenzenofuran
Concen: 40.301 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

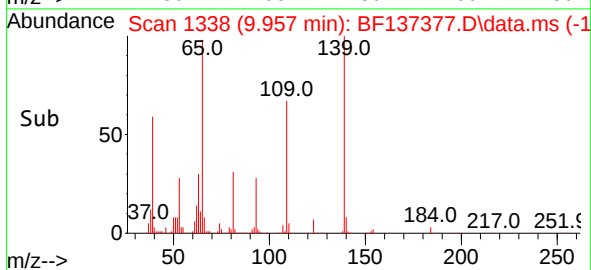
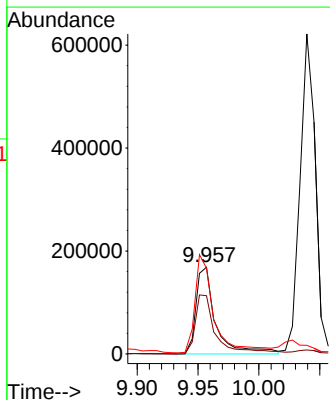
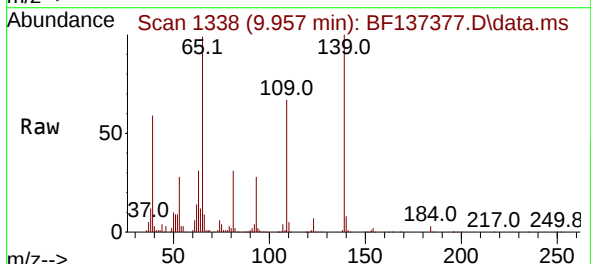
Instrument :
BNA_F
ClientSampleId :

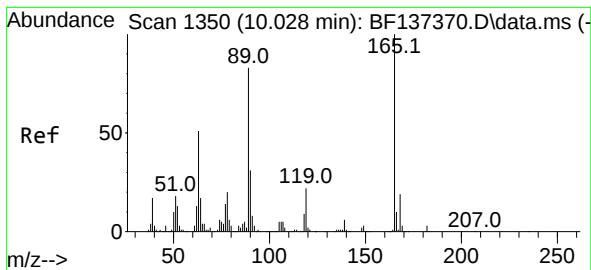
Tgt Ion:168 Resp: 1493913
Ion Ratio Lower Upper
168 100
139 37.6 28.9 43.3
169 13.9 10.8 16.2



#56
4-Nitrophenol
Concen: 41.553 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

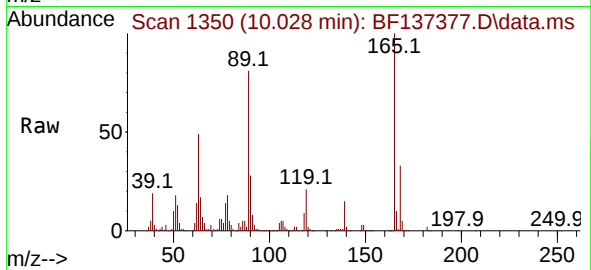
Tgt Ion:139 Resp: 191304
Ion Ratio Lower Upper
139 100
109 67.1 48.0 88.0
65 98.7 82.2 122.2



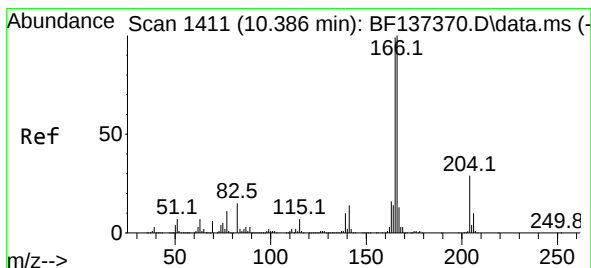
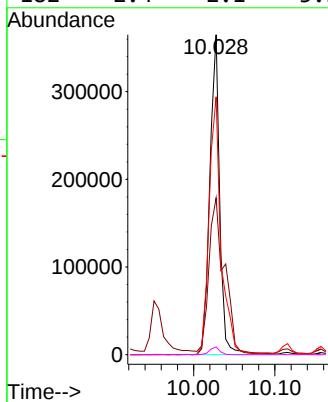
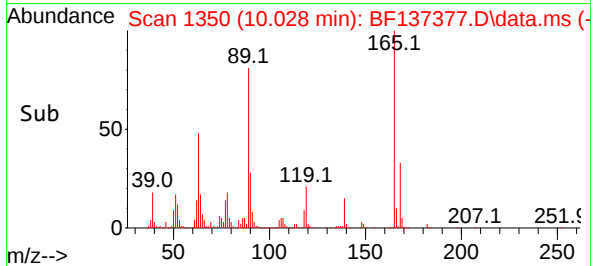


#57
2,4-Dinitrotoluene
Concen: 42.182 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Instrument :
BNA_F
ClientSampleId :

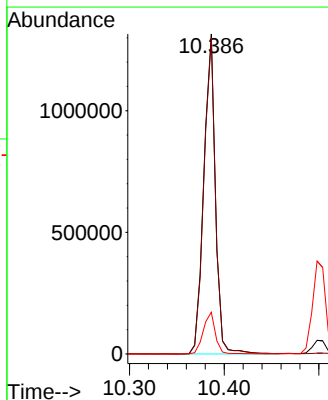
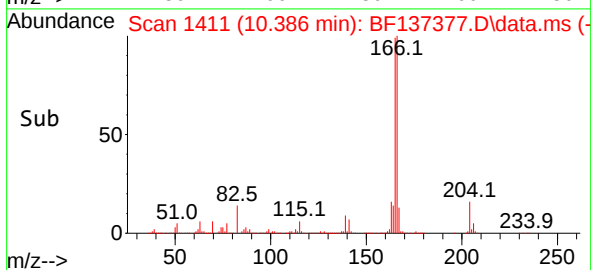
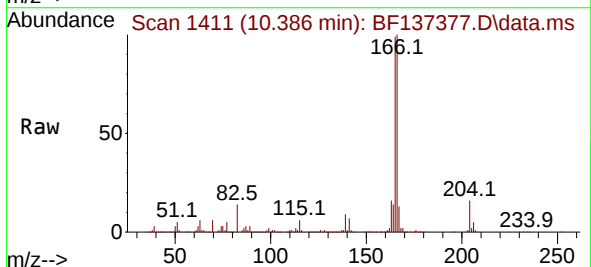


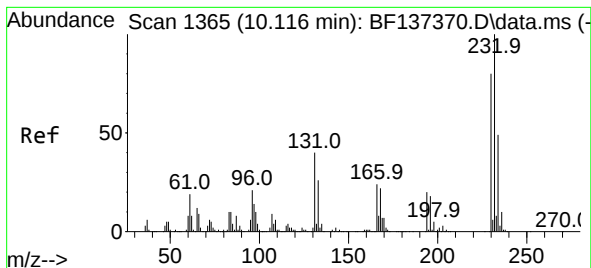
Tgt Ion:165 Resp: 307269
Ion Ratio Lower Upper
165 100
63 49.0 41.1 61.7
89 80.6 66.6 100.0
182 2.4 2.1 3.1



#58
Fluorene
Concen: 39.536 ng
RT: 10.386 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

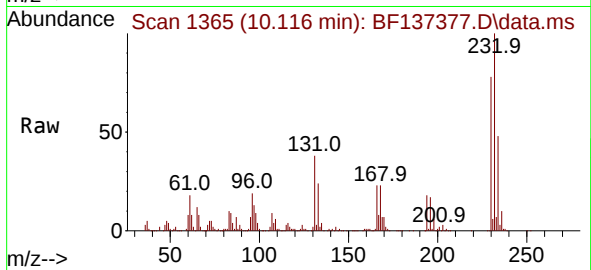
Tgt Ion:166 Resp: 1119217
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 13.1 10.5 15.7



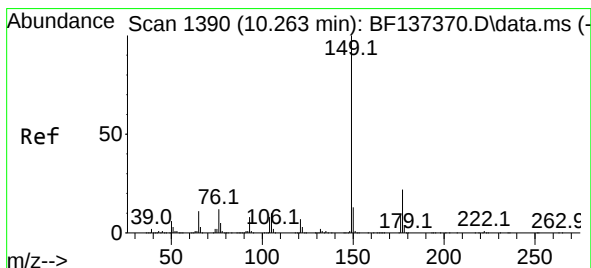
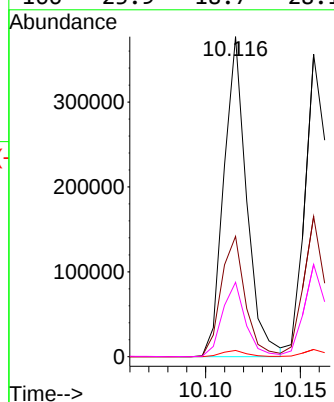
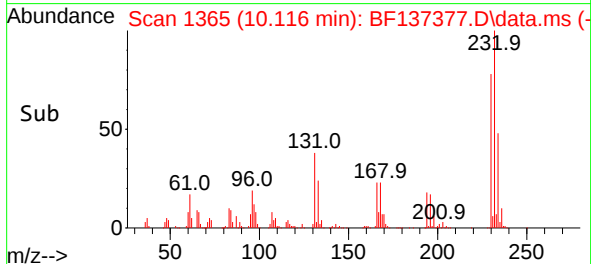


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.412 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.041 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

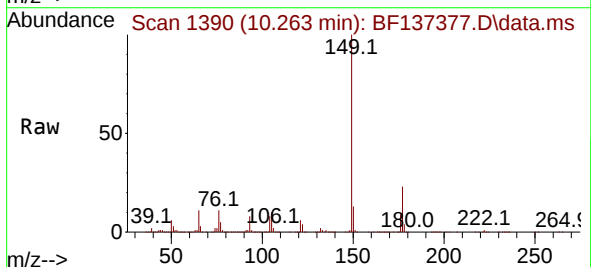
Instrument :
BNA_F
ClientSampleId :



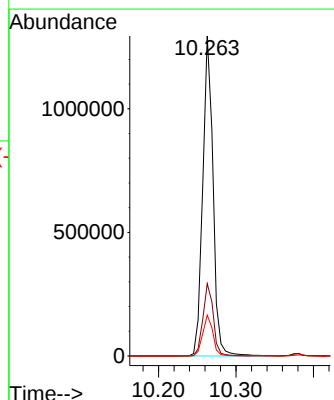
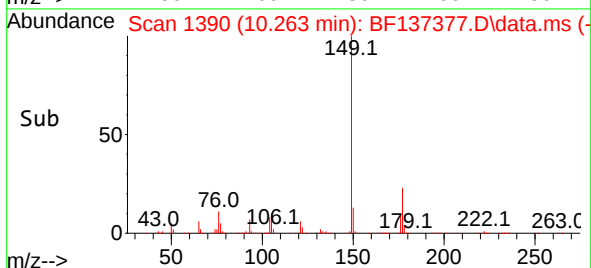
Tgt Ion:232 Resp: 315886
Ion Ratio Lower Upper
232 100
131 40.0 31.1 46.7
130 2.1 1.8 2.6
166 23.9 18.7 28.1

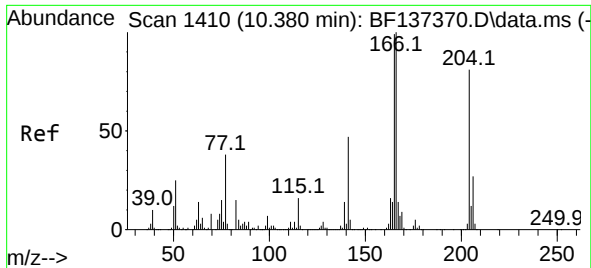


#60
Diethylphthalate
Concen: 41.228 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50



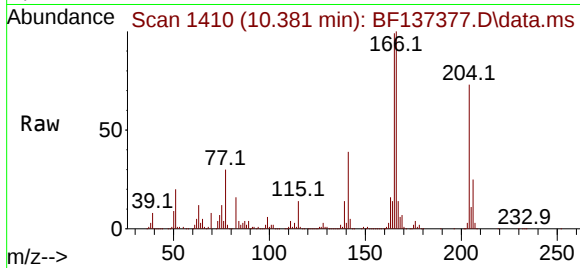
Tgt Ion:149 Resp: 1195832
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.7 10.2 15.2



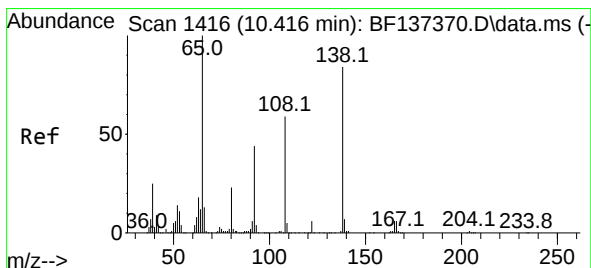
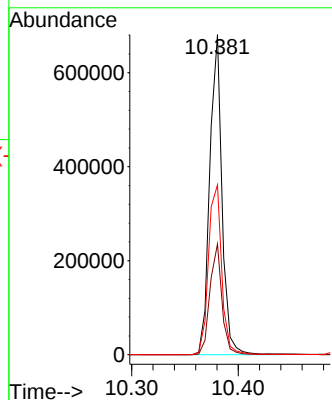
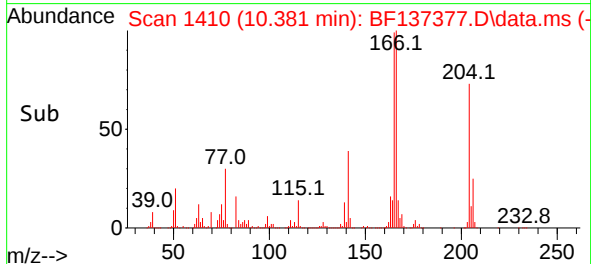


#61
4-Chlorophenyl-phenylether
Concen: 39.174 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Instrument :
BNA_F
ClientSampleId :

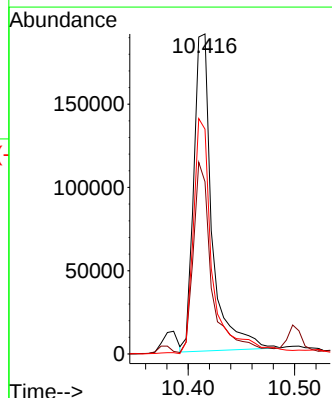
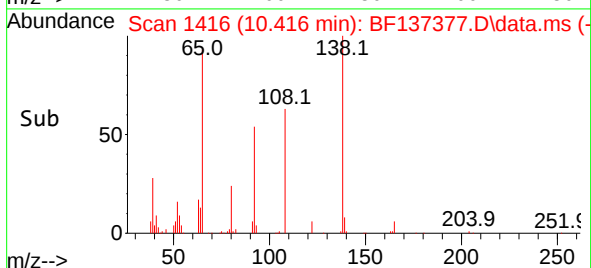
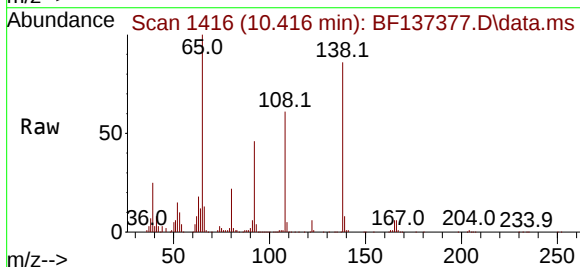


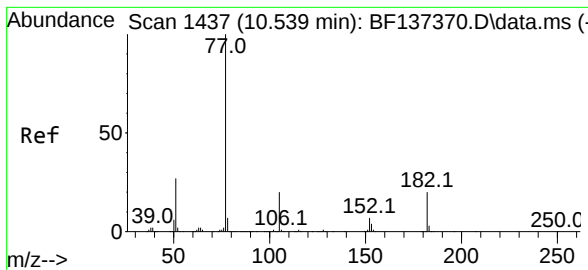
Tgt Ion:204 Resp: 545507
Ion Ratio Lower Upper
204 100
206 34.6 26.8 40.2
141 53.0 46.4 69.6



#62
4-Nitroaniline
Concen: 37.990 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion:138 Resp: 228724
Ion Ratio Lower Upper
138 100
92 53.8 33.4 73.4
108 70.2 50.4 90.4



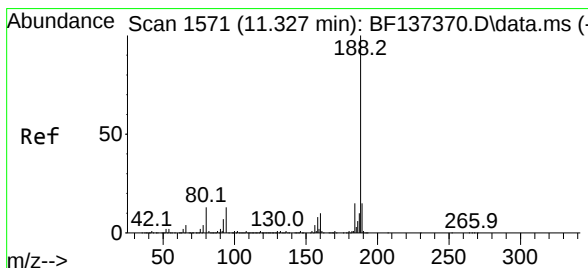
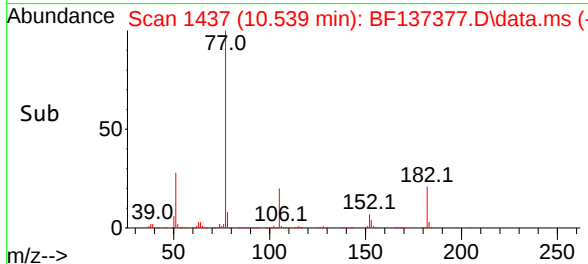
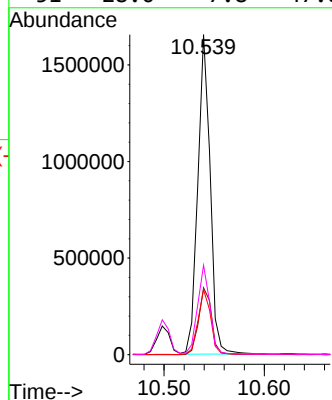
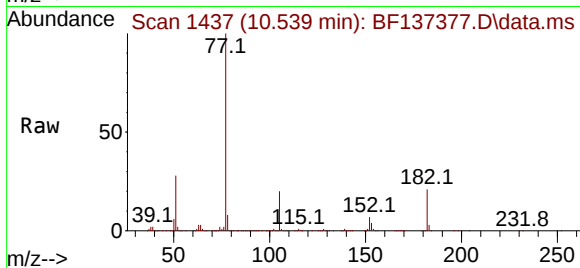


#63
 Azobenzene
 Concen: 40.868 ng
 RT: 10.539 min Scan# 1437
 Delta R.T. 0.000 min
 Lab File: BF137377.D
 Acq: 26 Feb 2024 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 77 Resp: 1418231

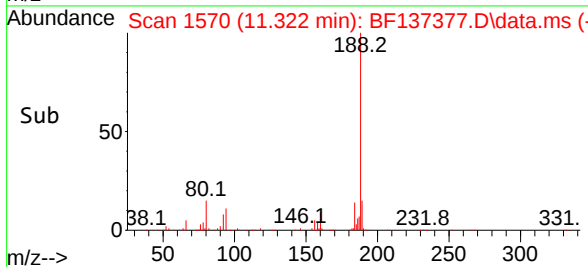
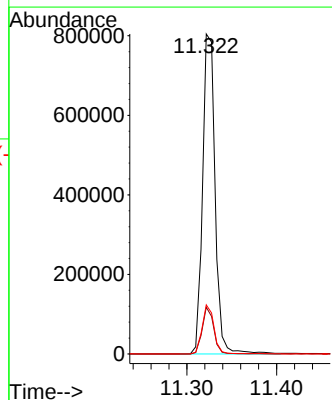
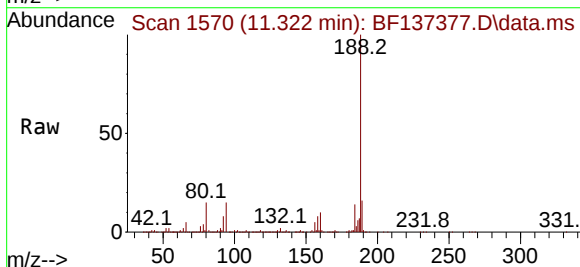
Ion	Ratio	Lower	Upper
77	100		
182	20.9	0.0	39.6
105	20.4	0.4	40.4
51	28.0	7.8	47.8

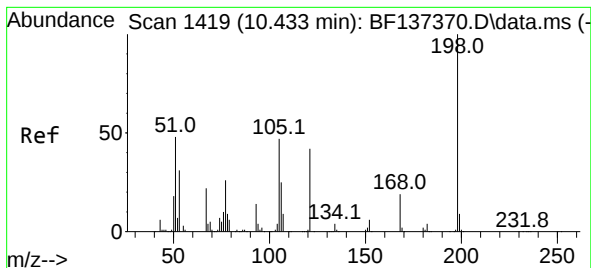


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.322 min Scan# 1570
 Delta R.T. -0.006 min
 Lab File: BF137377.D
 Acq: 26 Feb 2024 10:50

Tgt Ion: 188 Resp: 781100

Ion	Ratio	Lower	Upper
188	100		
94	14.6	10.2	15.2
80	15.4	10.7	16.1

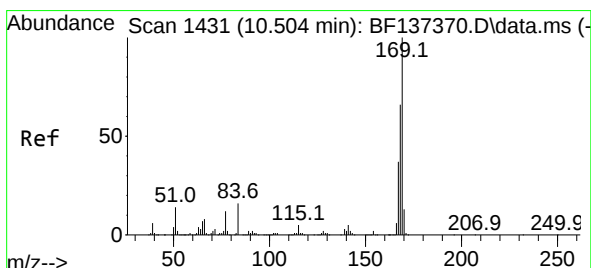
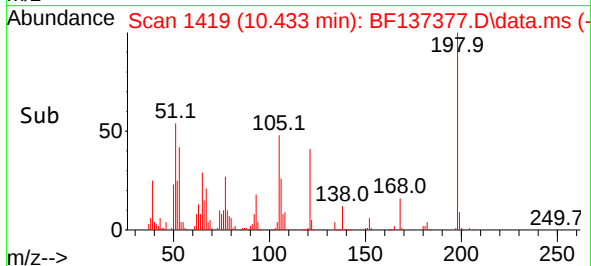
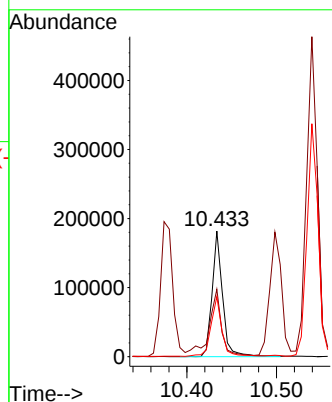
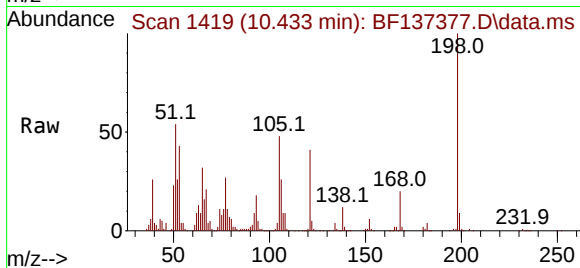




#65
4,6-Dinitro-2-methylphenol
Concen: 39.448 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

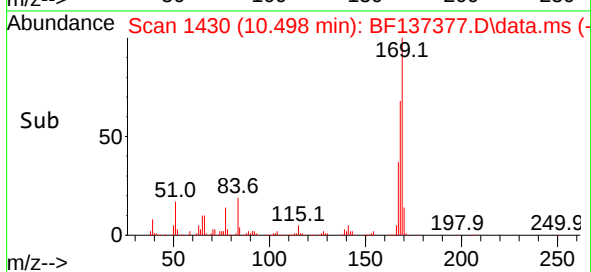
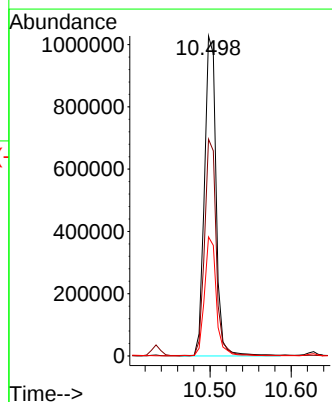
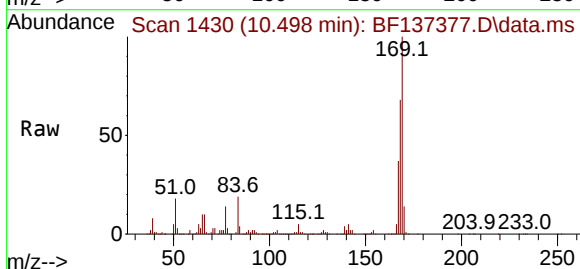
Instrument :
BNA_F
ClientSampleId :

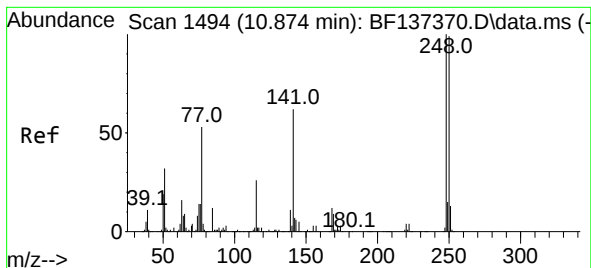
Tgt Ion:198 Resp: 147285
Ion Ratio Lower Upper
198 100
51 53.6 36.8 76.8
105 47.8 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 40.288 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

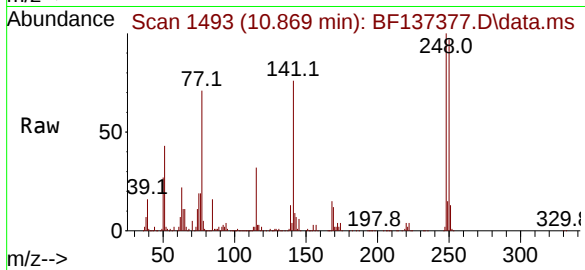
Tgt Ion:169 Resp: 1022021
Ion Ratio Lower Upper
169 100
168 67.8 53.0 79.4
167 37.2 29.2 43.8



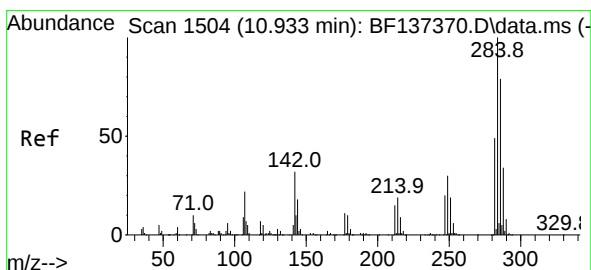
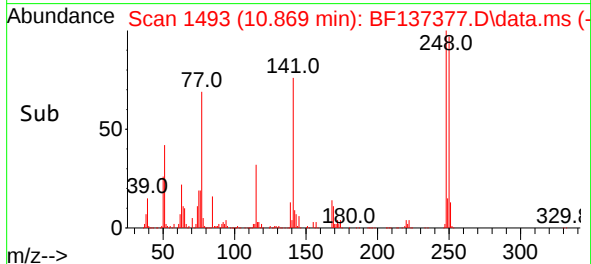
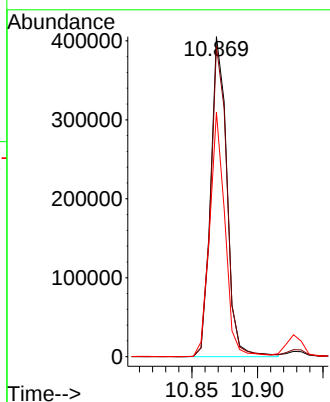


#67
4-Bromophenyl-phenylether
Concen: 41.596 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Instrument :
BNA_F
ClientSampleId :

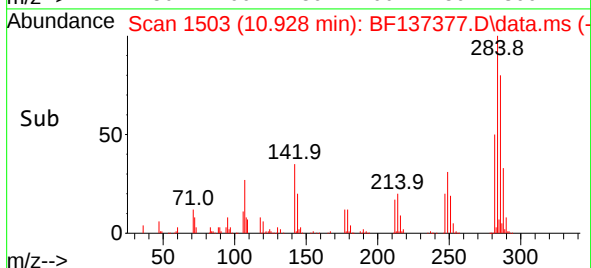
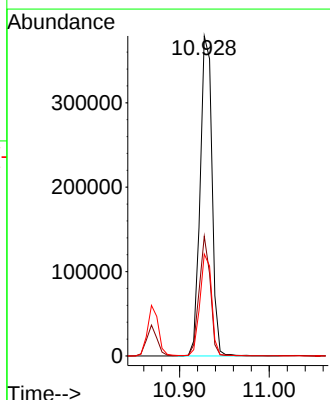
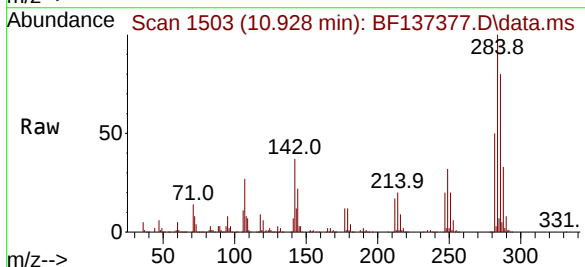


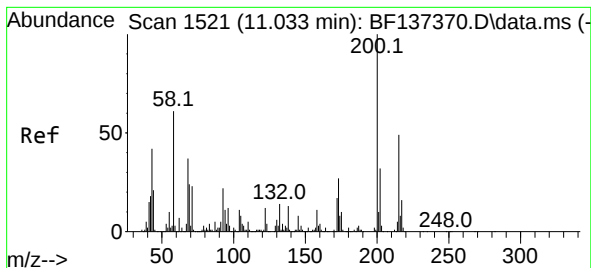
Tgt Ion:248 Resp: 349283
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 76.4 49.9 74.9#



#68
Hexachlorobenzene
Concen: 40.078 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion:284 Resp: 348143
Ion Ratio Lower Upper
284 100
142 37.4 25.4 38.0
249 31.8 24.2 36.4





#69

Atrazine

Concen: 43.151 ng

RT: 11.033 min Scan# 1521

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

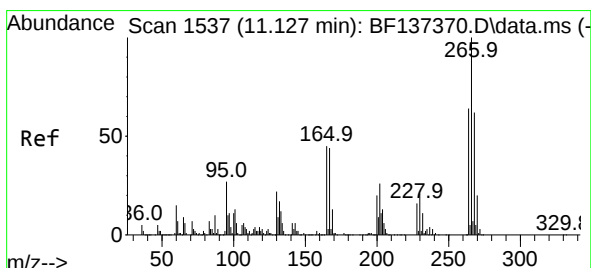
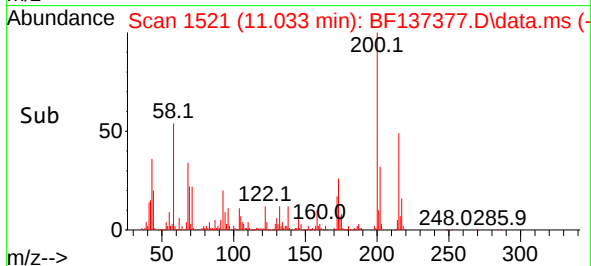
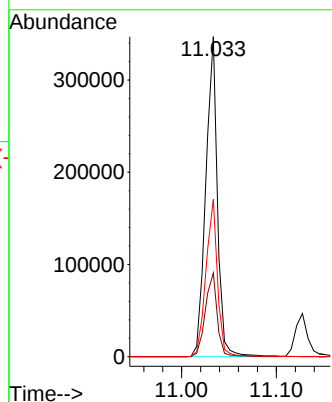
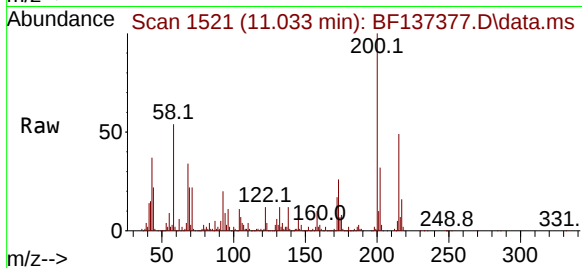
Tgt Ion:200 Resp: 295416

Ion Ratio Lower Upper

200 100

173 26.1 6.8 46.8

215 49.2 29.4 69.4



#70

Pentachlorophenol

Concen: 43.587 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

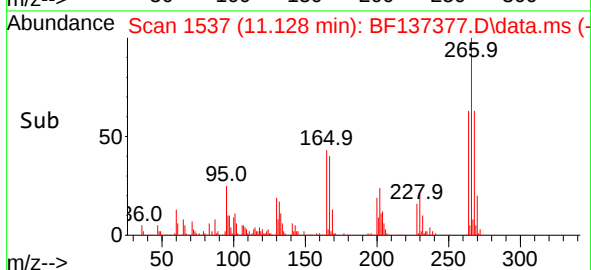
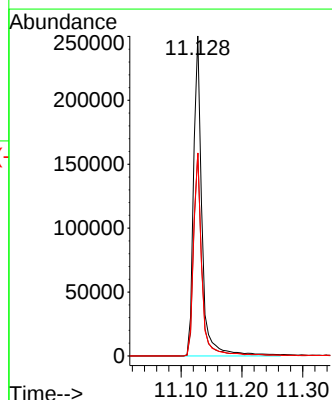
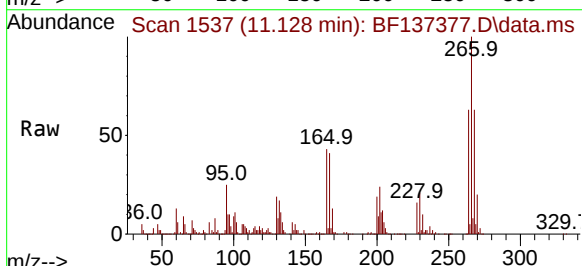
Tgt Ion:266 Resp: 239888

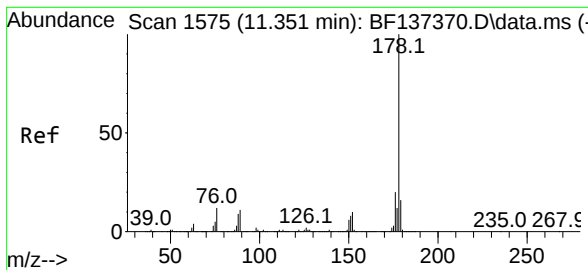
Ion Ratio Lower Upper

266 100

268 63.4 49.4 74.2

264 63.4 51.3 76.9

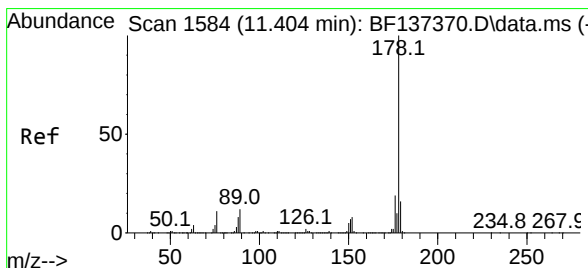
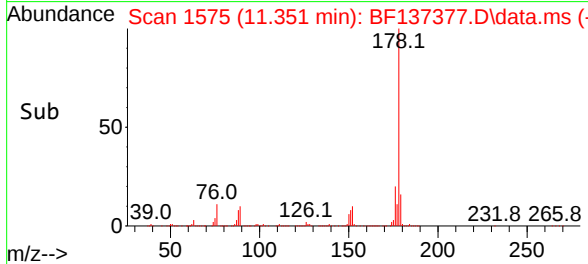
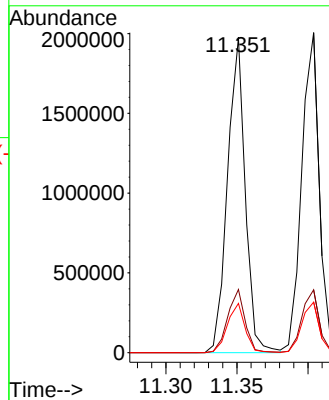
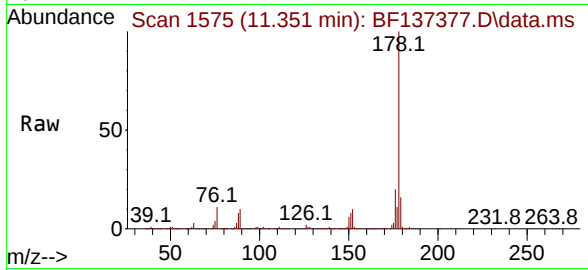




#71
Phenanthrene
Concen: 39.848 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

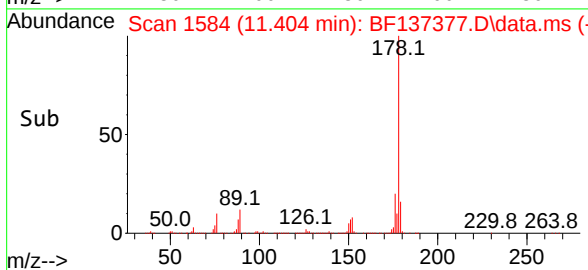
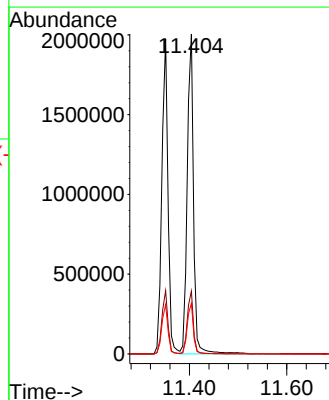
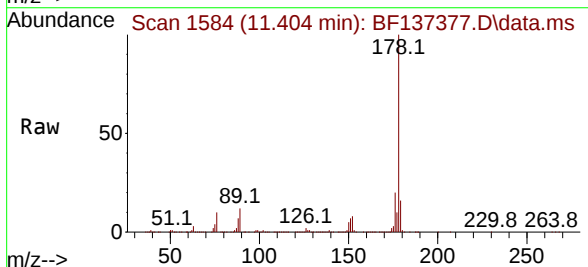
Instrument :
BNA_F
ClientSampleId :

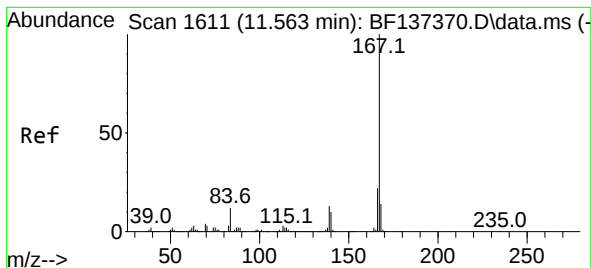
Tgt Ion:178 Resp: 1717207
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 15.6 12.7 19.1



#72
Anthracene
Concen: 40.194 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion:178 Resp: 1785051
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.8 12.6 18.8





#73

Carbazole

Concen: 41.409 ng

RT: 11.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

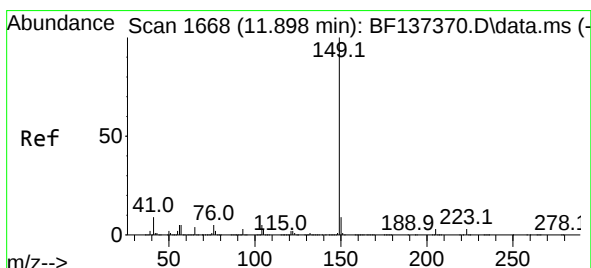
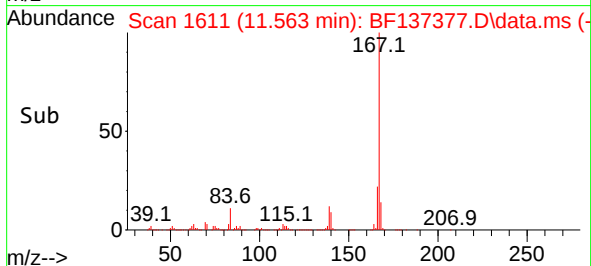
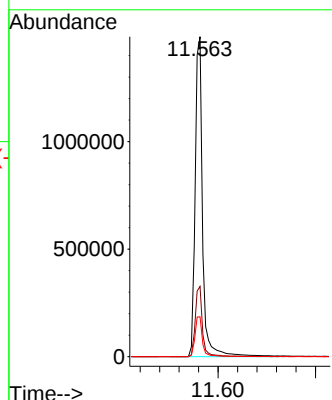
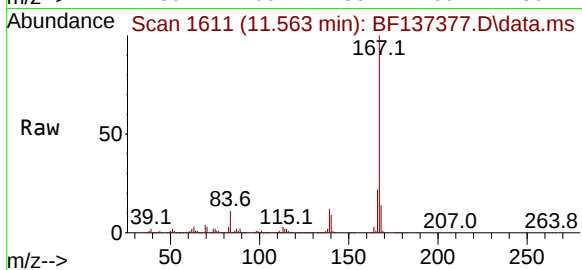
Tgt Ion:167 Resp: 1571258

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

139 12.5 10.0 15.0



#74

Di-n-butylphthalate

Concen: 44.195 ng

RT: 11.898 min Scan# 1668

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

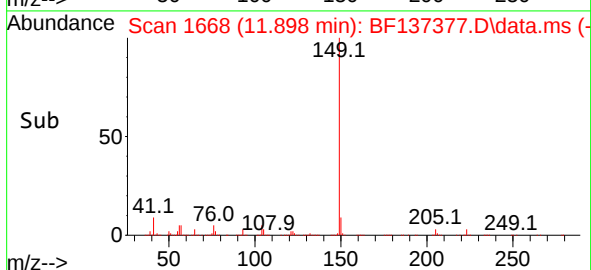
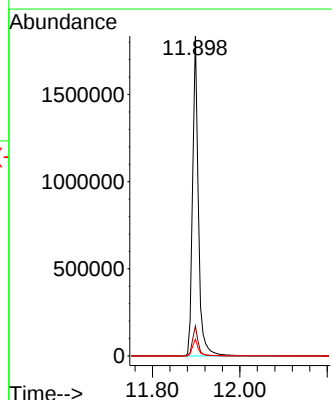
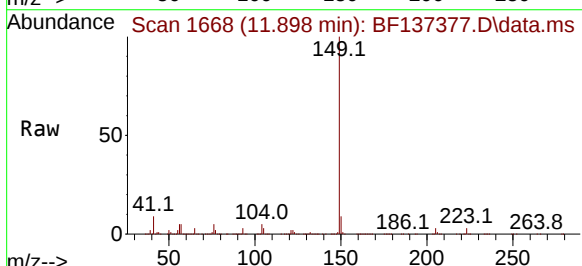
Tgt Ion:149 Resp: 1677973

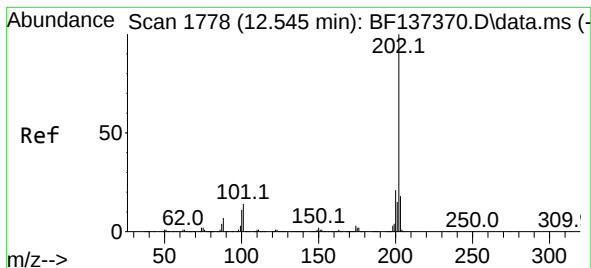
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 40.871 ng

RT: 12.545 min Scan# 1778

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

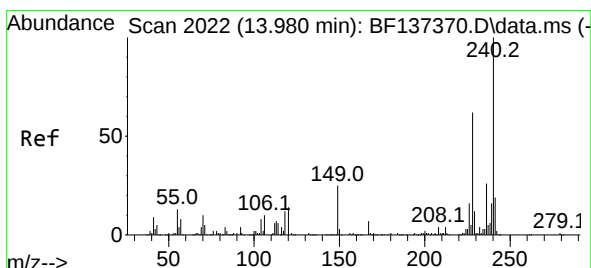
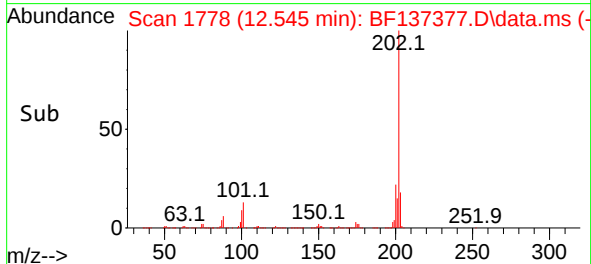
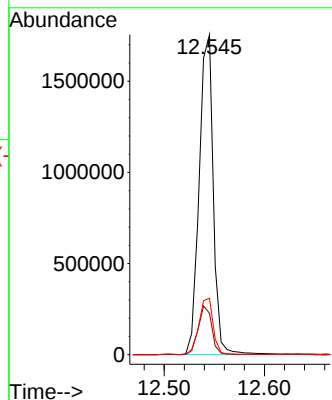
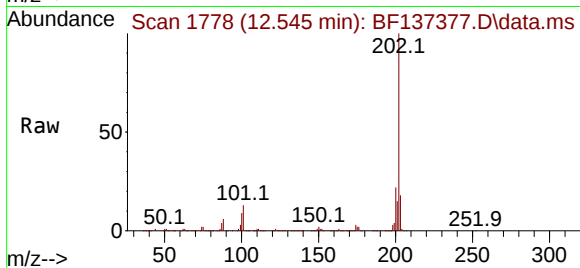
Tgt Ion:202 Resp: 1719261

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.9

203 17.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

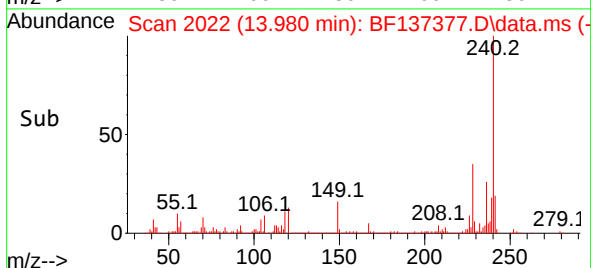
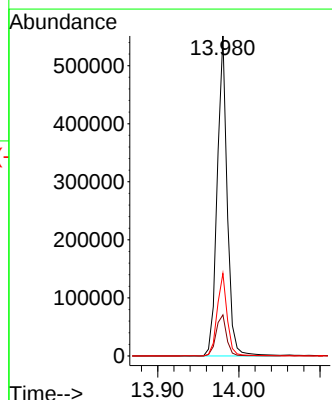
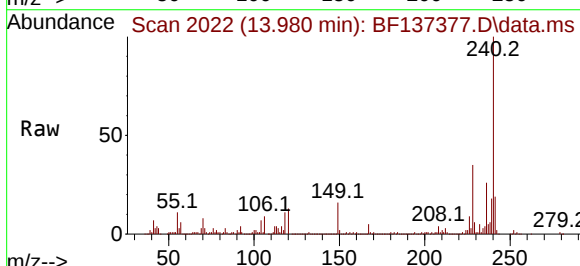
Tgt Ion:240 Resp: 469946

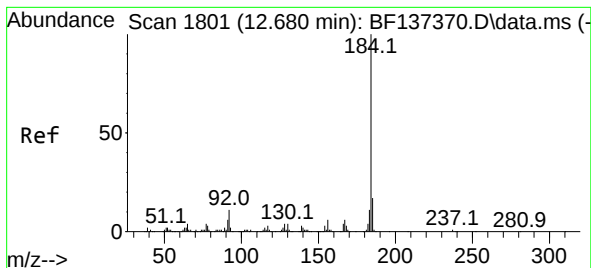
Ion Ratio Lower Upper

240 100

120 12.9 11.3 16.9

236 25.8 20.5 30.7





#77

Benzidine

Concen: 44.013 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

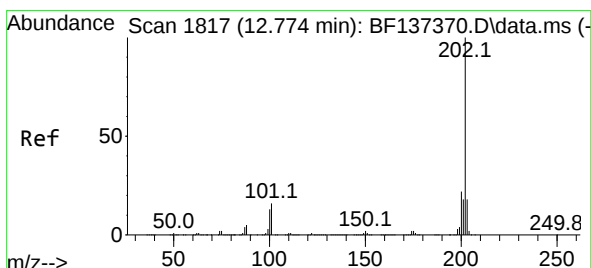
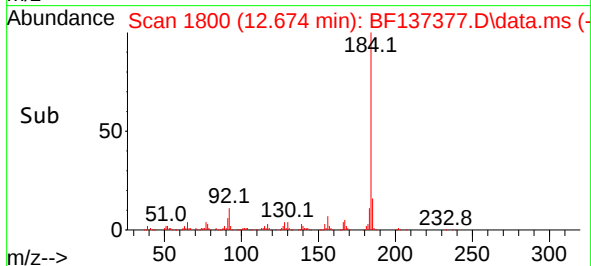
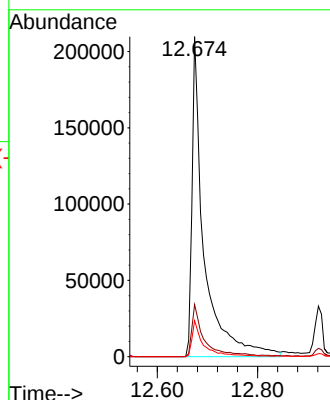
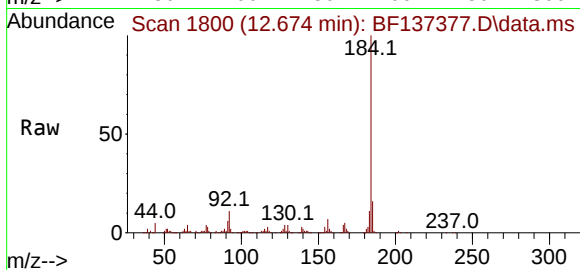
Tgt Ion:184 Resp: 347767

Ion Ratio Lower Upper

184 100

185 16.3 13.7 20.5

183 11.2 8.8 13.2



#78

Pyrene

Concen: 40.260 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

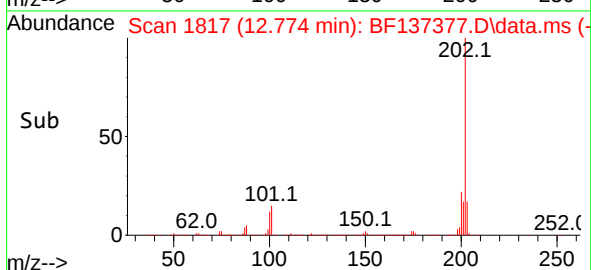
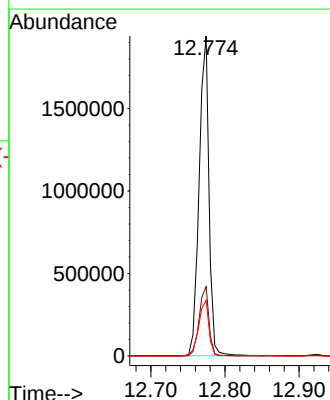
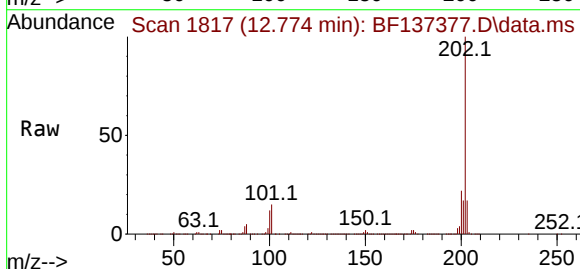
Tgt Ion:202 Resp: 1789011

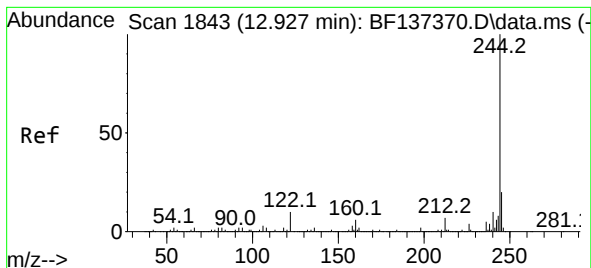
Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

203 17.4 14.2 21.2





#79

Terphenyl-d14

Concen: 78.600 ng

RT: 12.922 min Scan# 1843

Delta R.T. -0.006 min

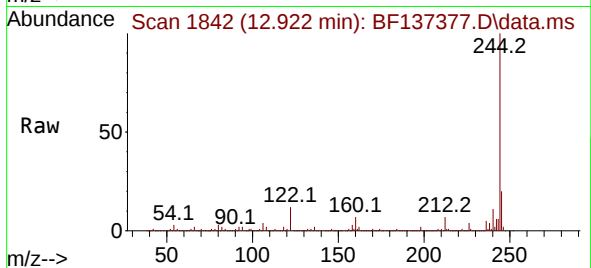
Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :



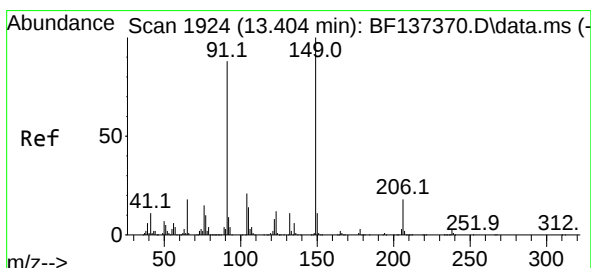
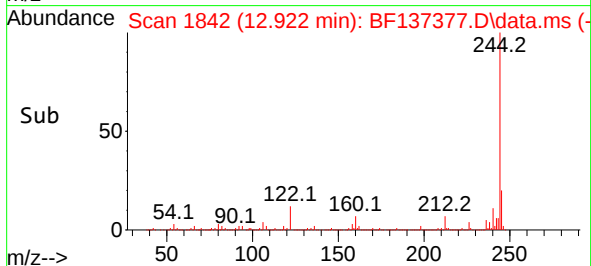
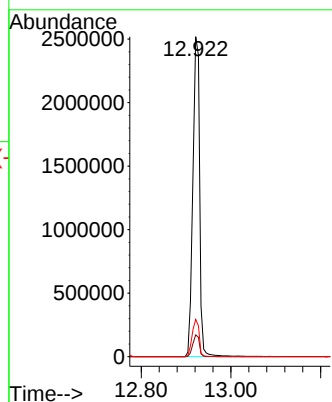
Tgt Ion:244 Resp: 2640905

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 11.7 8.2 12.4



#80

Butylbenzylphthalate

Concen: 40.793 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

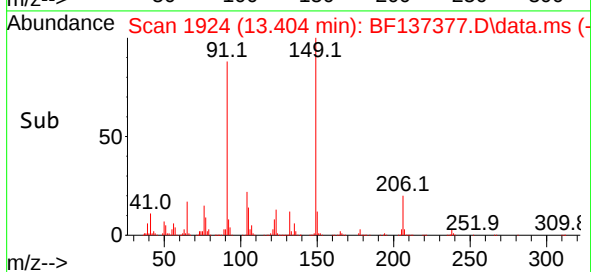
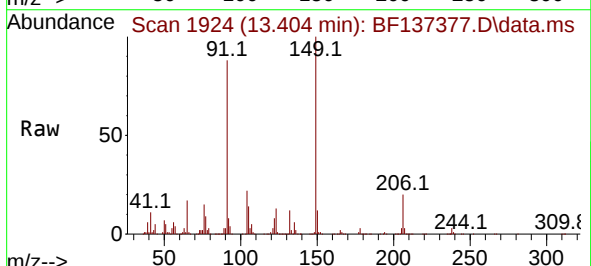
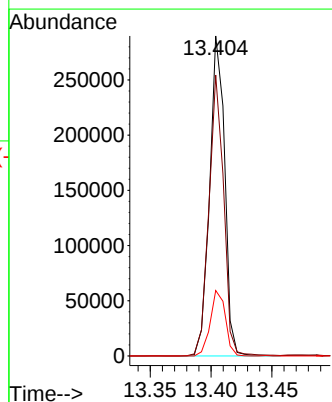
Tgt Ion:149 Resp: 248663

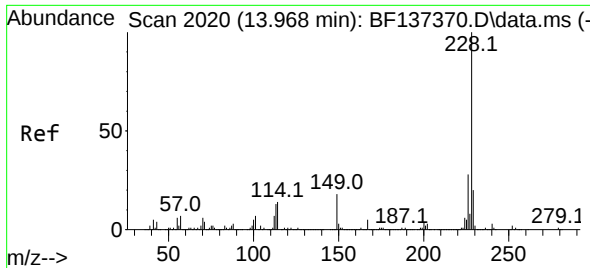
Ion Ratio Lower Upper

149 100

91 87.8 70.5 105.7

206 20.5 14.8 22.2

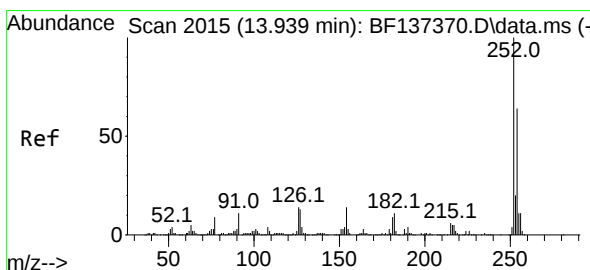
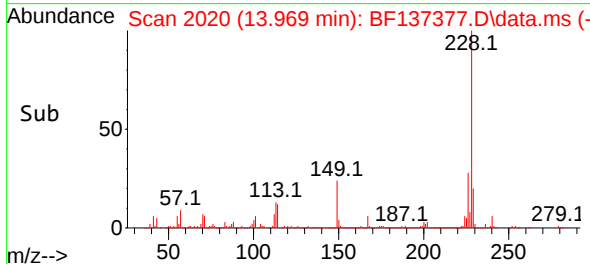
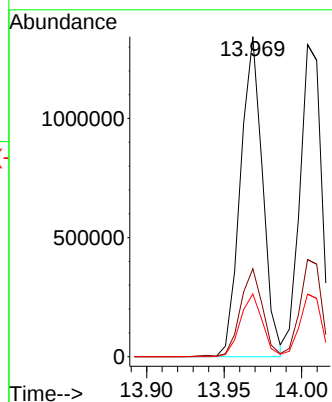
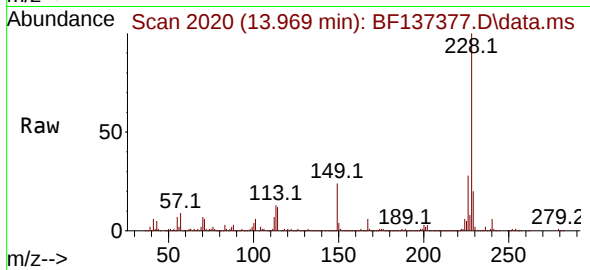




#81
Benzo(a)anthracene
Concen: 40.856 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

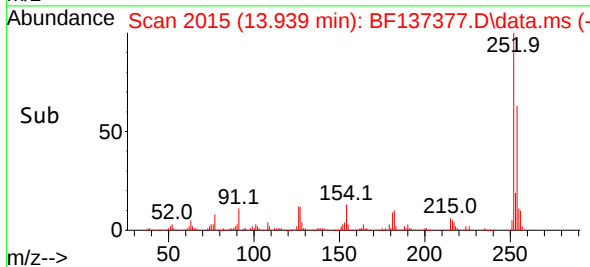
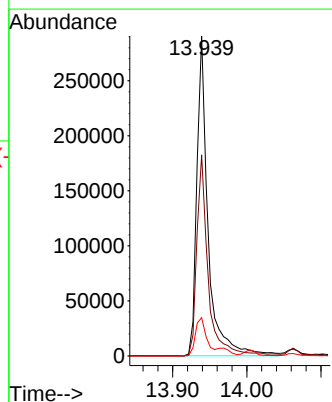
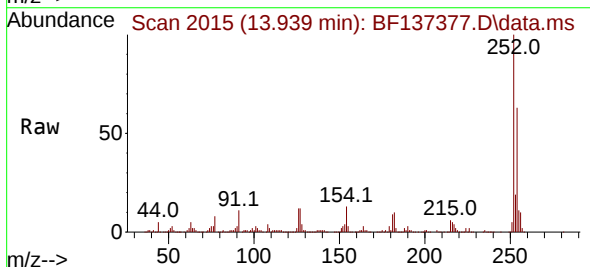
Instrument :
BNA_F
ClientSampleId :

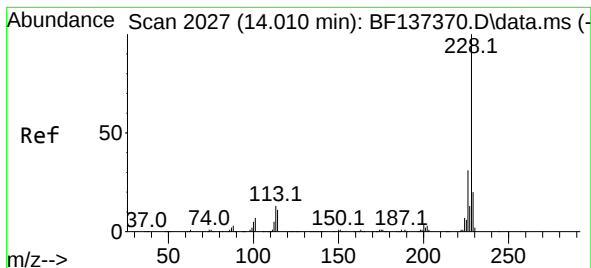
Tgt Ion:228 Resp: 1332316
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 41.123 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion:252 Resp: 306589
Ion Ratio Lower Upper
252 100
254 62.8 51.2 76.8
126 12.0 11.1 16.7





#83

Chrysene

Concen: 40.011 ng

RT: 14.004 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

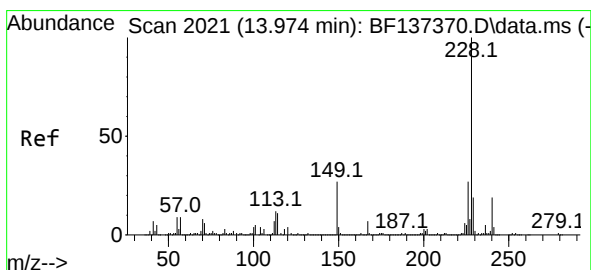
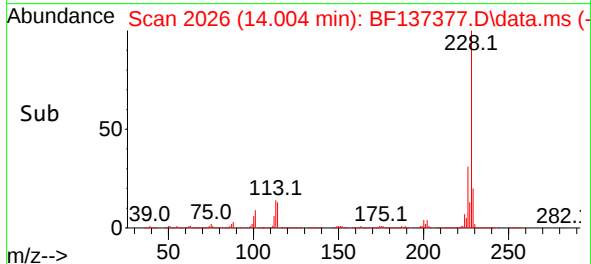
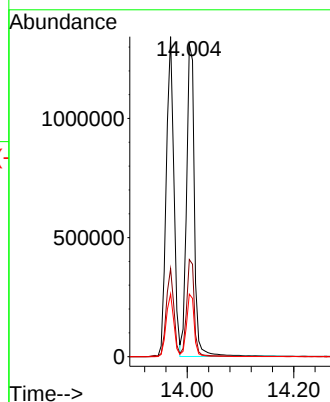
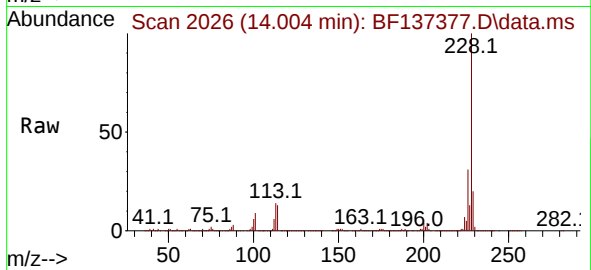
Tgt Ion:228 Resp: 1332890

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.781 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.005 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

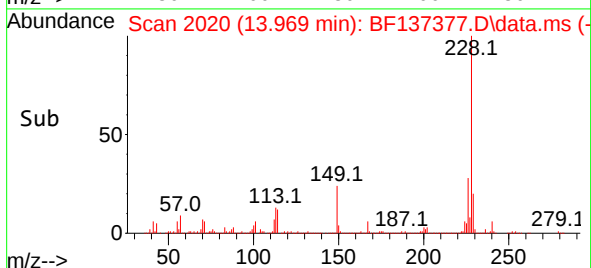
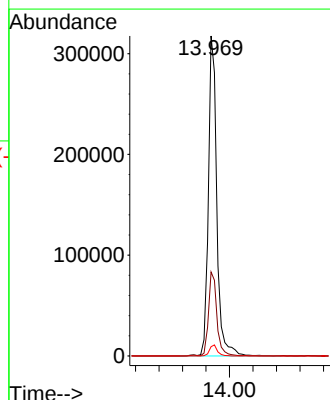
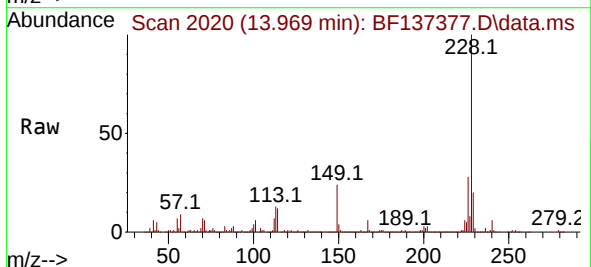
Tgt Ion:149 Resp: 316221

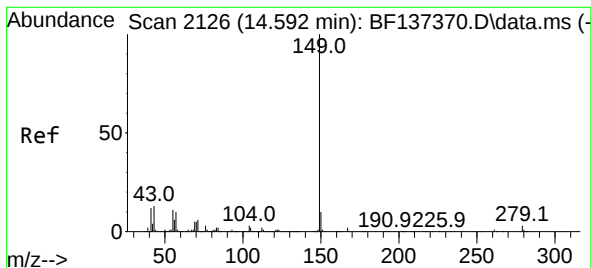
Ion Ratio Lower Upper

149 100

167 26.3 20.6 31.0

279 2.9 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 39.021 ng

RT: 14.592 min Scan# 2126

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

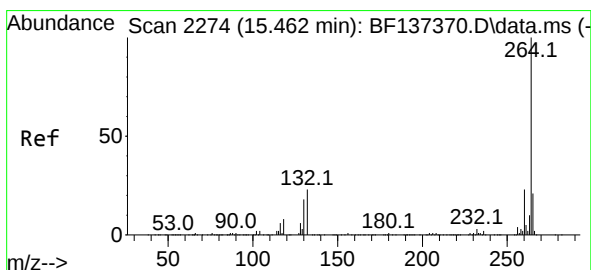
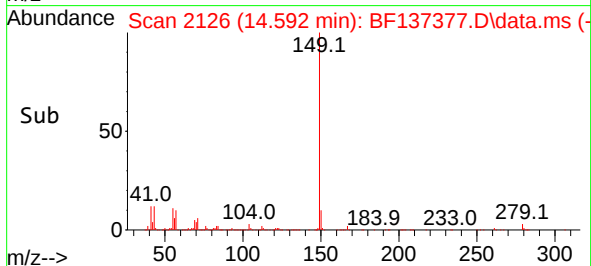
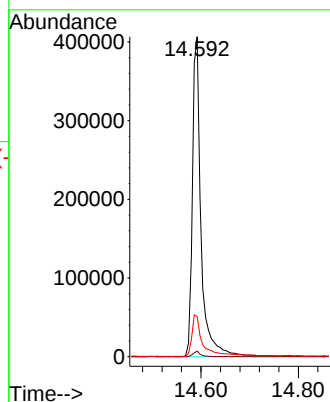
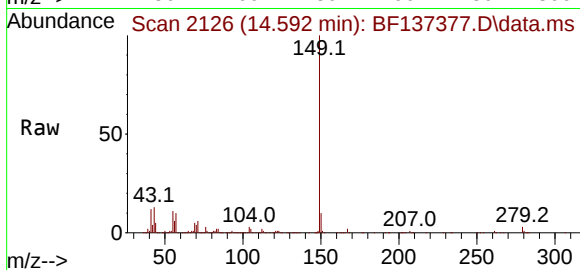
Tgt Ion:149 Resp: 501113

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 17.3 13.7 20.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

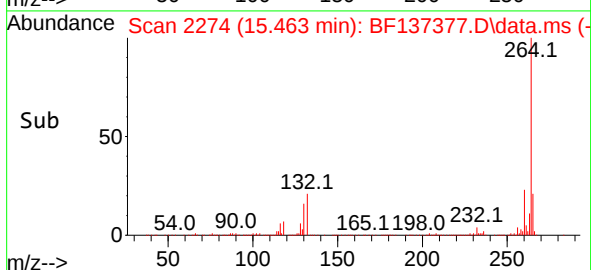
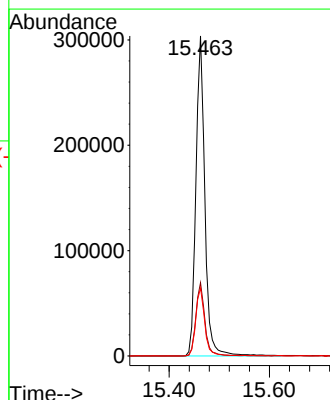
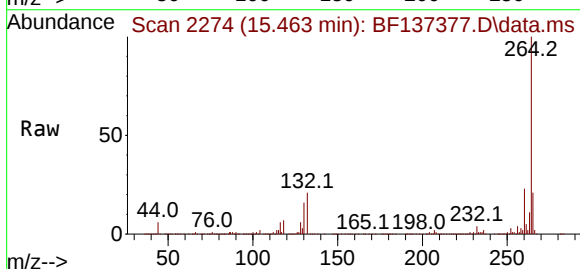
Tgt Ion:264 Resp: 377225

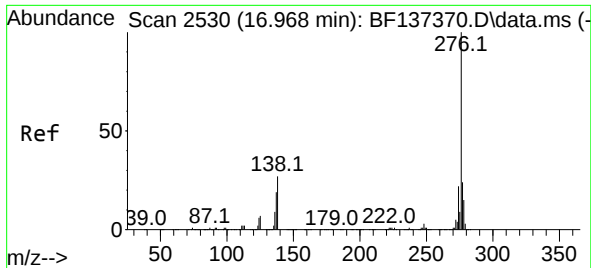
Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

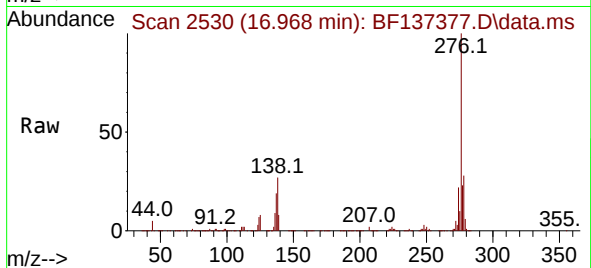
265 21.2 16.9 25.3



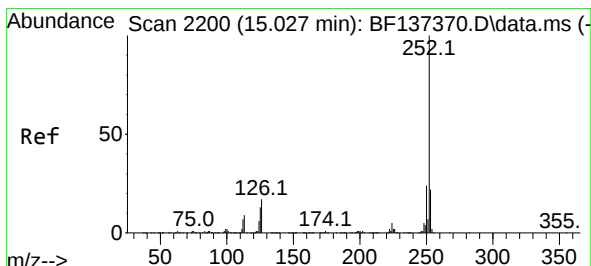
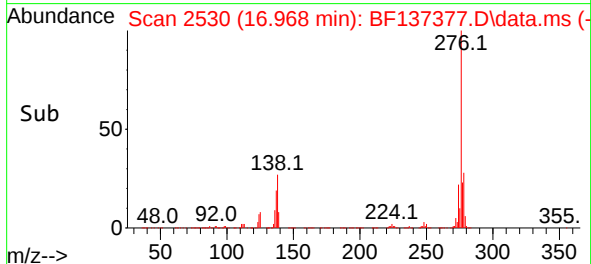
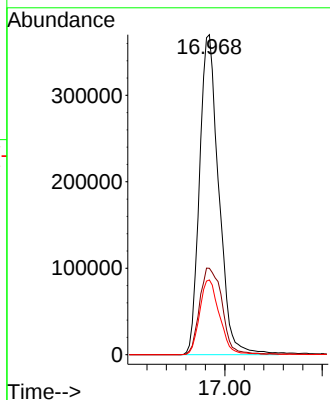


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.274 ng
 RT: 16.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137377.D
 Acq: 26 Feb 2024 10:50

Instrument :
 BNA_F
 ClientSampleId :

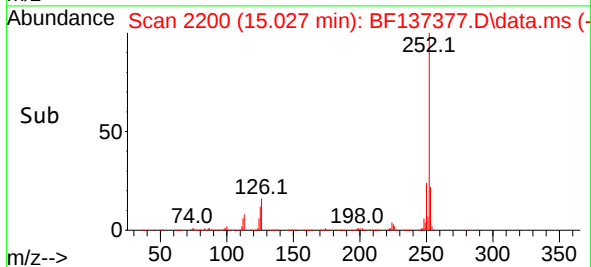
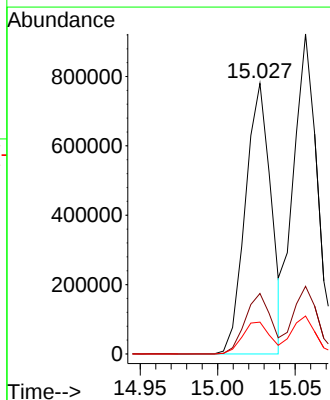
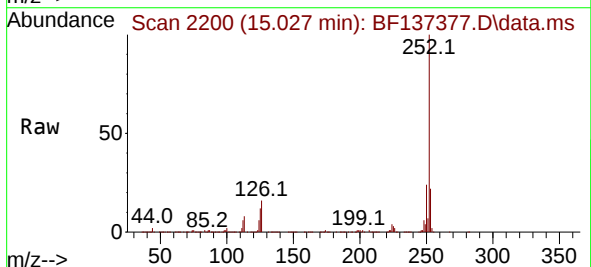


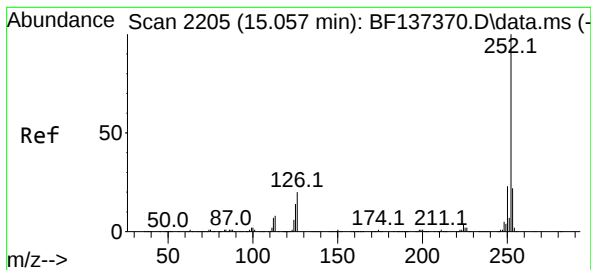
Tgt Ion:276 Resp: 1016592
 Ion Ratio Lower Upper
 276 100
 138 31.6 25.8 38.8
 277 24.1 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 38.833 ng
 RT: 15.027 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: BF137377.D
 Acq: 26 Feb 2024 10:50

Tgt Ion:252 Resp: 898639
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 11.8 10.2 15.2





#89

Benzo(k)fluoranthene

Concen: 42.369 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

Instrument :

BNA_F

ClientSampleId :

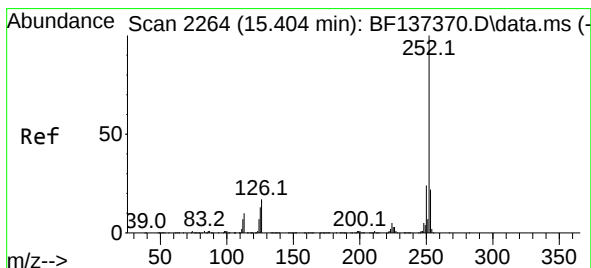
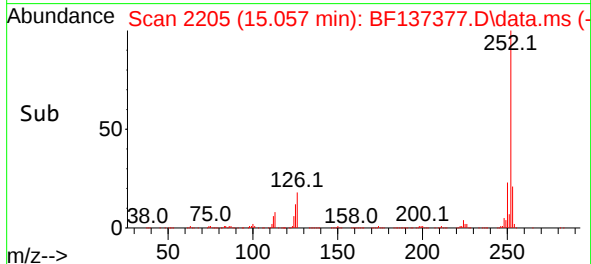
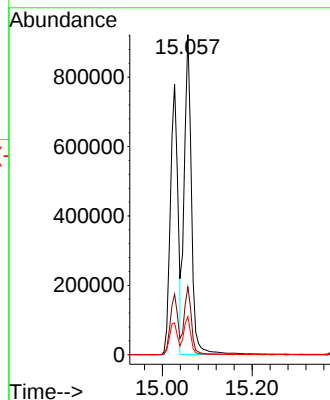
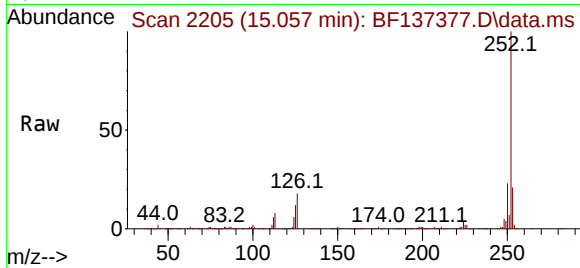
Tgt Ion:252 Resp: 1027626

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 11.9 10.7 16.1



#90

Benzo(a)pyrene

Concen: 41.593 ng

RT: 15.398 min Scan# 2263

Delta R.T. -0.006 min

Lab File: BF137377.D

Acq: 26 Feb 2024 10:50

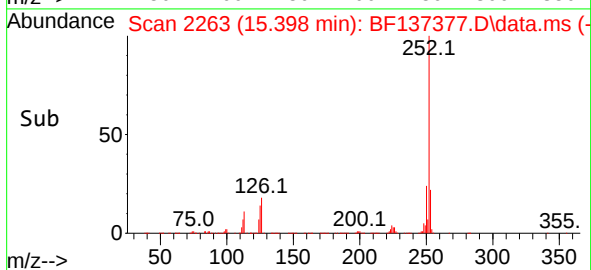
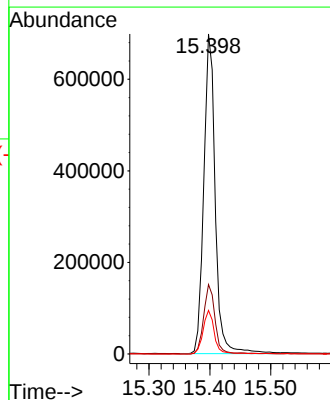
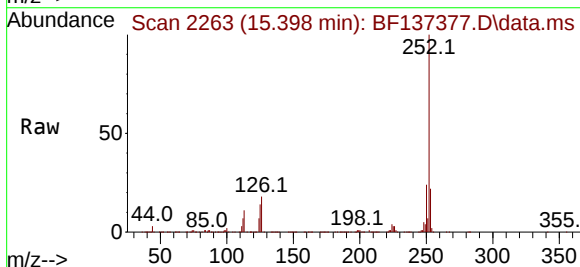
Tgt Ion:252 Resp: 912957

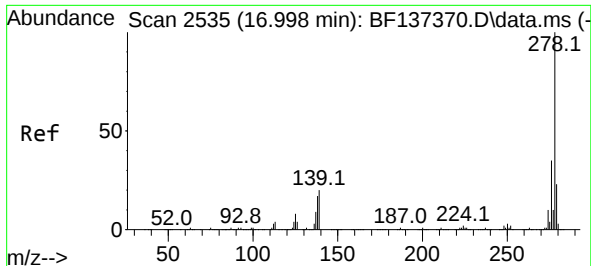
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 13.6 10.6 16.0

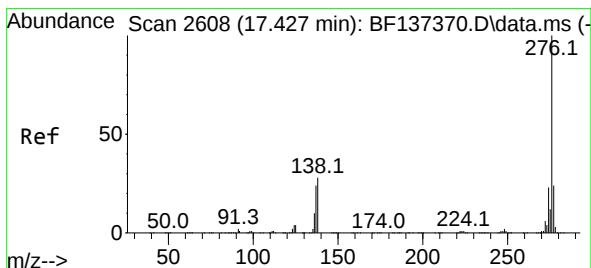
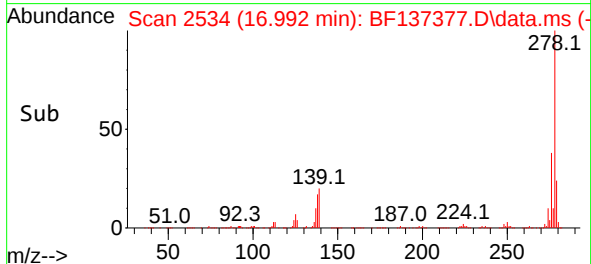
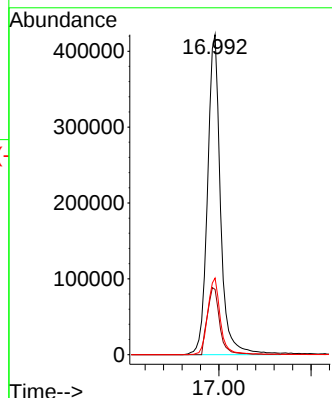
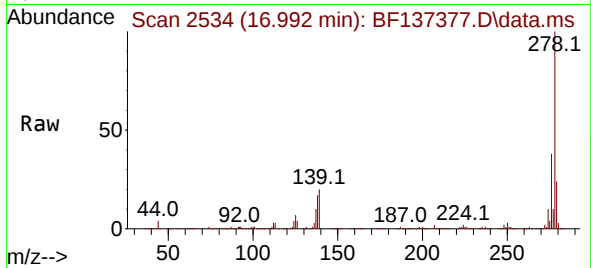




#91
Dibenzo(a,h)anthracene
Concen: 39.123 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 831024
Ion Ratio Lower Upper
278 100
139 20.4 16.2 24.4
279 24.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 38.432 ng
RT: 17.421 min Scan# 2607
Delta R.T. -0.006 min
Lab File: BF137377.D
Acq: 26 Feb 2024 10:50

Tgt Ion:276 Resp: 840793
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 28.7 22.6 33.8

