

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137478.D
 Acq On : 04 Mar 2024 13:46
 Operator : CG\JU
 Sample : PB159412BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159412BS

Quant Time: Mar 04 14:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	232578	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	947568	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	521262	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	944911	20.000	ng	0.01
76) Chrysene-d12	14.057	240	538550	20.000	ng	0.00
86) Perylene-d12	15.580	264	466016	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1921982	125.159	ng	0.02
7) Phenol-d6	6.516	99	2676911	120.764	ng	0.01
23) Nitrobenzene-d5	7.434	82	1696241	83.175	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	683759	149.371	ng	0.01
45) 2-Fluorobiphenyl	9.222	172	2717090	81.595	ng	0.00
79) Terphenyl-d14	12.998	244	3265580	83.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.799	88	306414	36.492	ng	99
3) Pyridine	3.563	79	687727	33.961	ng	97
4) n-Nitrosodimethylamine	3.546	42	382462	46.733	ng	96
6) Aniline	6.540	93	653161	24.115	ng	96
8) 2-Chlorophenol	6.657	128	778763	48.081	ng	98
9) Benzaldehyde	6.428	77	65568	6.038	ng	92
10) Phenol	6.528	94	1033257	43.308	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	774874	44.321	ng	99
12) 1,3-Dichlorobenzene	6.810	146	785473	45.383	ng	96
13) 1,4-Dichlorobenzene	6.881	146	804419	45.426	ng	97
14) 1,2-Dichlorobenzene	7.034	146	760880	46.812	ng	98
15) Benzyl Alcohol	7.016	79	715767	51.868	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1280485	42.608	ng	96
17) 2-Methylphenol	7.128	107	645447	42.587	ng	97
18) Hexachloroethane	7.369	117	274005	46.992	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	574590	41.977	ng	98
20) 3+4-Methylphenols	7.281	107	724208	41.722	ng	88
22) Acetophenone	7.275	105	1011353	44.112	ng	# 97
24) Nitrobenzene	7.451	77	903696	44.112	ng	96
25) Isophorone	7.686	82	1722185	44.450	ng	97
26) 2-Nitrophenol	7.763	139	396135	48.705	ng	94
27) 2,4-Dimethylphenol	7.804	122	589769	38.807	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	1018352	44.797	ng	99
29) 2,4-Dichlorophenol	8.004	162	658524	47.213	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	663128	45.178	ng	99
31) Naphthalene	8.163	128	2184005	42.958	ng	100
32) Benzoic acid	7.951	122	414441	47.439	ng	98
33) 4-Chloroaniline	8.216	127	307506	15.425	ng	99
34) Hexachlorobutadiene	8.281	225	385548	44.492	ng	99
35) Caprolactam	8.598	113	118224	24.997	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	734618	47.119	ng	100
37) 2-Methylnaphthalene	8.857	142	1348763	41.615	ng	99
38) 1-Methylnaphthalene	8.957	142	1282723	42.026	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	659624	45.328	ng	99
41) Hexachlorocyclopentadiene	9.010	237	566757	93.844	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	458596	48.393	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137478.D
 Acq On : 04 Mar 2024 13:46
 Operator : CG\JU
 Sample : PB159412BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159412BS

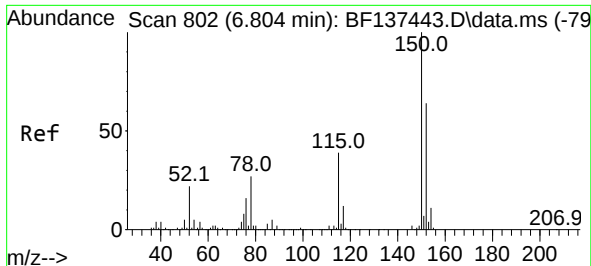
Quant Time: Mar 04 14:13:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	490028	44.889	ng	96
46) 1,1'-Biphenyl	9.322	154	1684088	44.142	ng	99
47) 2-Chloronaphthalene	9.345	162	1350966	46.445	ng	98
48) 2-Nitroaniline	9.451	65	483387	48.893	ng	96
49) Acenaphthylene	9.763	152	2104279	45.205	ng	99
50) Dimethylphthalate	9.633	163	1635486	45.072	ng	100
51) 2,6-Dinitrotoluene	9.692	165	359677	47.391	ng	97
52) Acenaphthene	9.939	154	1203452	43.304	ng	99
53) 3-Nitroaniline	9.863	138	247387	30.816	ng	99
54) 2,4-Dinitrophenol	9.975	184	373940	98.855	ng	98
55) Dibenzofuran	10.110	168	1817337	42.935	ng	99
56) 4-Nitrophenol	10.039	139	547540	94.970	ng	96
57) 2,4-Dinitrotoluene	10.104	165	446540	47.890	ng	93
58) Fluorene	10.457	166	1370312	42.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	416983	47.633	ng	93
60) Diethylphthalate	10.339	149	1542356	45.012	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	677727	42.541	ng	99
62) 4-Nitroaniline	10.492	138	338734	49.094	ng	96
63) Azobenzene	10.610	77	1771568	44.899	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	260401	49.445	ng	95
66) n-Nitrosodiphenylamine	10.575	169	1288363	42.342	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	461370	44.829	ng	98
68) Hexachlorobenzene	11.004	284	493766	47.501	ng	# 90
69) Atrazine	11.104	200	389033	42.058	ng	96
70) Pentachlorophenol	11.204	266	565834	90.045	ng	99
71) Phenanthrene	11.422	178	2196965	42.723	ng	99
72) Anthracene	11.475	178	2221937	42.070	ng	100
73) Carbazole	11.633	167	2034254	44.966	ng	99
74) Di-n-butylphthalate	11.969	149	2393273	44.464	ng	98
75) Fluoranthene	12.616	202	2258762	44.936	ng	99
77) Benzidine	12.751	184	259687	19.704	ng	98
78) Pyrene	12.845	202	2287884	43.295	ng	99
80) Butylbenzylphthalate	13.480	149	696953	51.643	ng	98
81) Benzo(a)anthracene	14.045	228	1695379	44.915	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	401535	39.946	ng	99
83) Chrysene	14.086	228	1706367	44.728	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	852609	49.705	ng	98
85) Di-n-octyl phthalate	14.674	149	1479737	45.139	ng	99
87) Indeno(1,2,3-cd)pyrene	17.180	276	1519002	49.532	ng	98
88) Benzo(b)fluoranthene	15.127	252	1406163	51.010	ng	99
89) Benzo(k)fluoranthene	15.162	252	1416693	47.846	ng	99
90) Benzo(a)pyrene	15.521	252	1285834	47.333	ng	100
91) Dibenzo(a,h)anthracene	17.209	278	1229107	49.407	ng	98
92) Benzo(g,h,i)perylene	17.668	276	1243396	48.668	ng	99

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

Quant Time: Mar 04 14:13:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 00:26:53 2024
Response via : Initial Calibration

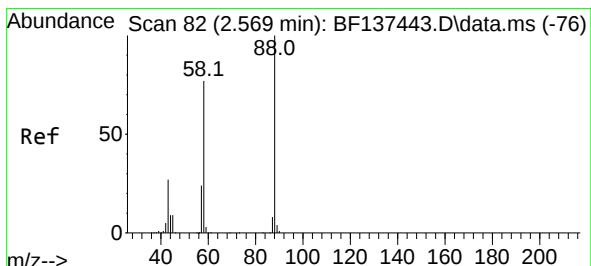
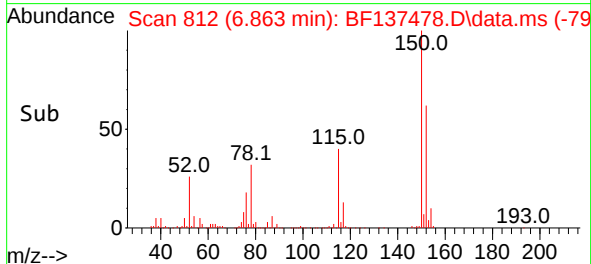
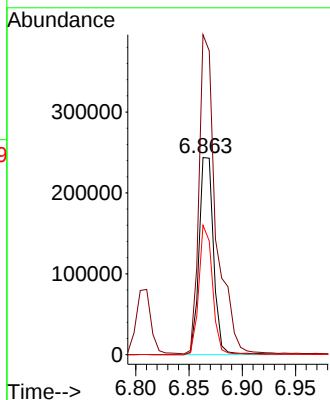
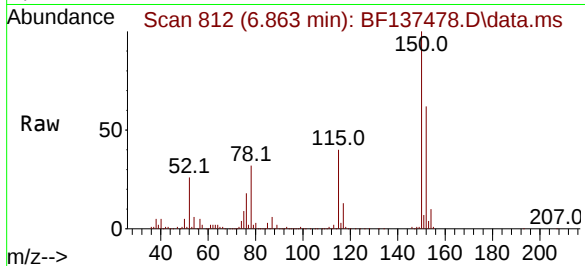




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF137478.D
 Acq: 04 Mar 2024 13:46

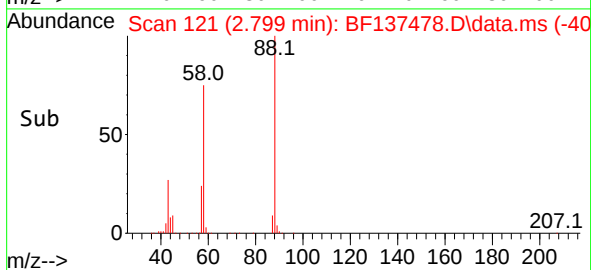
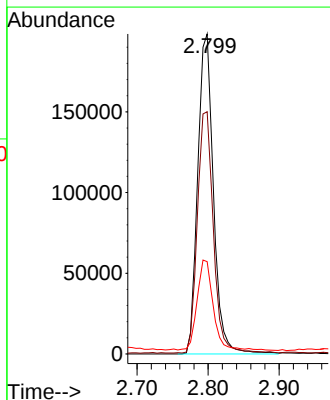
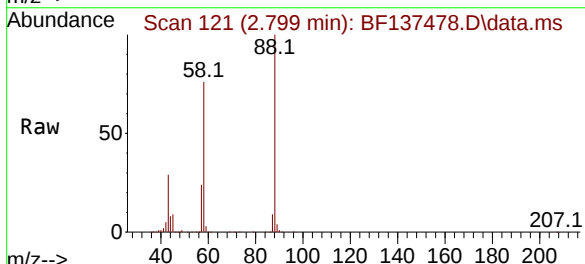
Instrument :
 BNA_F
 ClientSampleId :
 PB159412BS

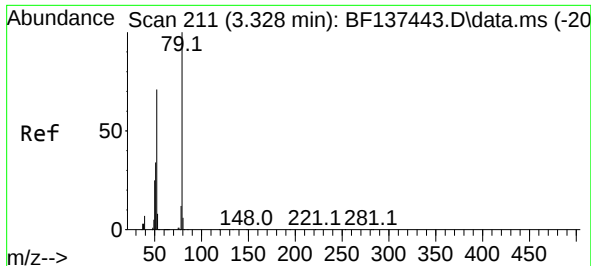
Tgt Ion:152 Resp: 232578
 Ion Ratio Lower Upper
 152 100
 150 162.3 125.8 188.6
 115 65.7 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.492 ng
 RT: 2.799 min Scan# 121
 Delta R.T. 0.124 min
 Lab File: BF137478.D
 Acq: 04 Mar 2024 13:46

Tgt Ion: 88 Resp: 306414
 Ion Ratio Lower Upper
 88 100
 58 76.6 61.8 92.8
 43 29.1 22.2 33.4

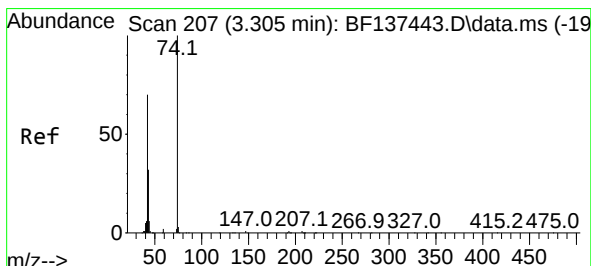
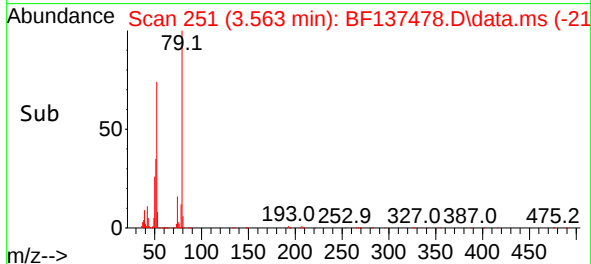
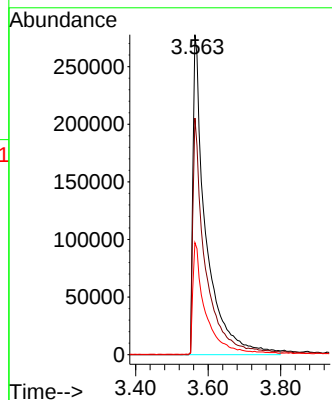
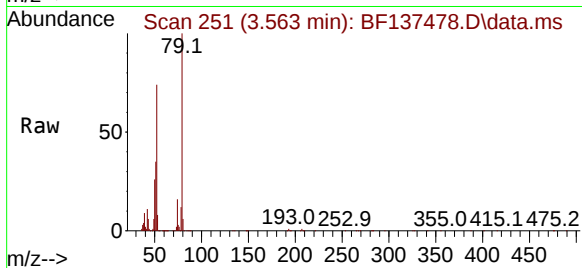




#3
Pyridine
Concen: 33.961 ng
RT: 3.563 min Scan# 211
Delta R.T. 0.100 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

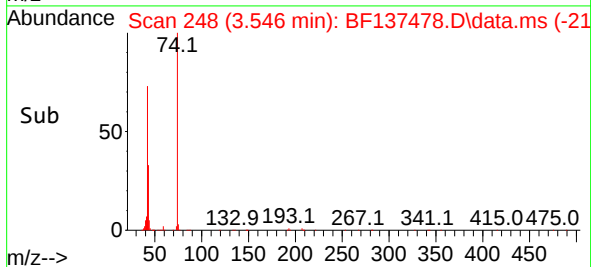
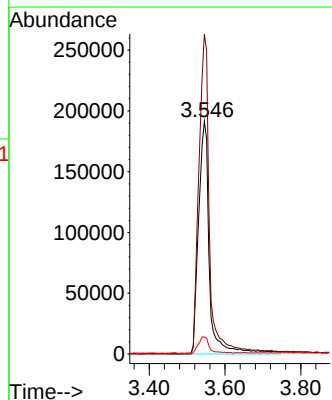
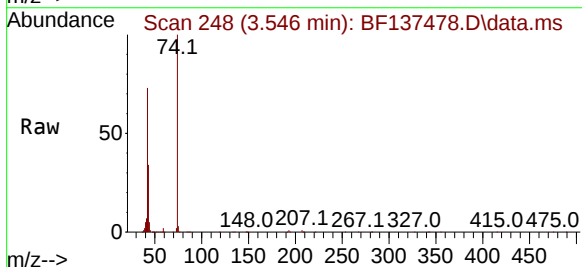
Instrument :
BNA_F
ClientSampleId :
PB159412BS

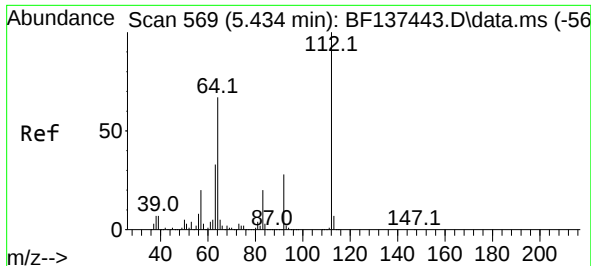
Tgt Ion: 79 Resp: 687727
Ion Ratio Lower Upper
79 100
52 73.9 57.0 85.4
51 35.0 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 46.733 ng
RT: 3.546 min Scan# 248
Delta R.T. 0.100 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion: 42 Resp: 382462
Ion Ratio Lower Upper
42 100
74 137.6 114.0 171.0
44 7.3 7.0 10.4

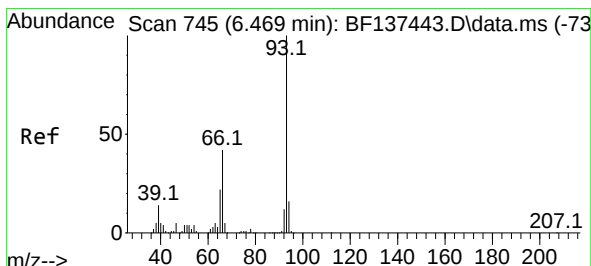
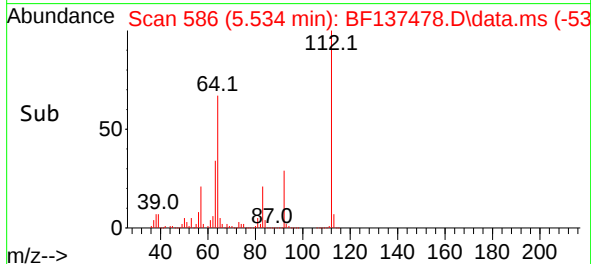
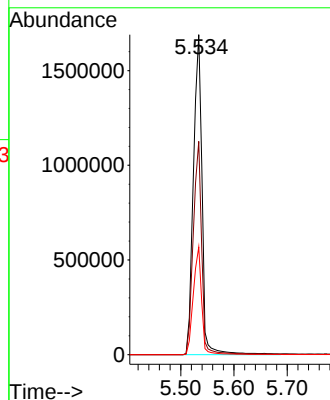
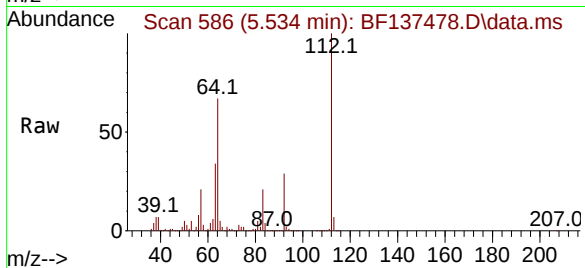




#5
2-Fluorophenol
Concen: 125.159 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

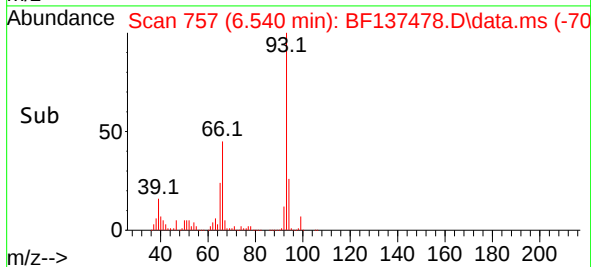
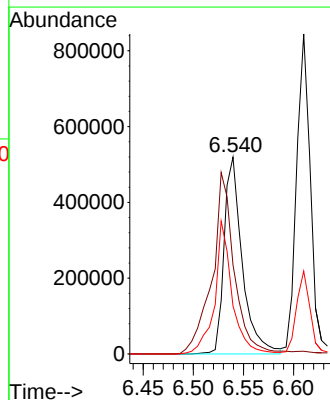
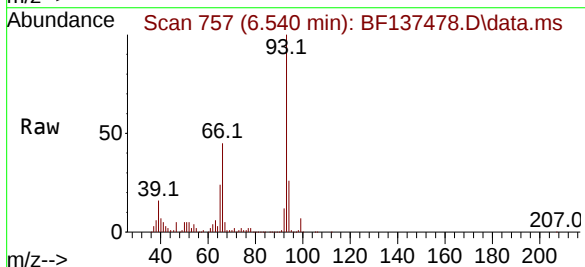
Instrument :
BNA_F
ClientSampleId :
PB159412BS

Tgt Ion:112 Resp: 1921982
Ion Ratio Lower Upper
112 100
64 66.6 53.4 80.2
63 33.6 26.2 39.2



#6
Aniline
Concen: 24.115 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion: 93 Resp: 653161
Ion Ratio Lower Upper
93 100
66 45.3 34.0 51.0
65 24.4 17.8 26.8





#7

Phenol-d6

Concen: 120.764 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

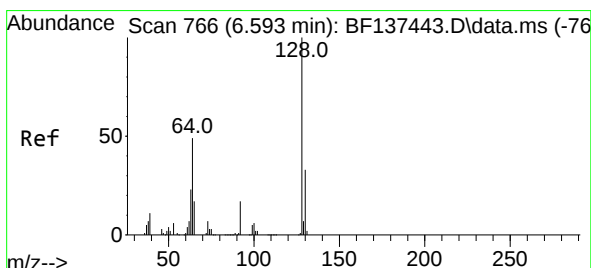
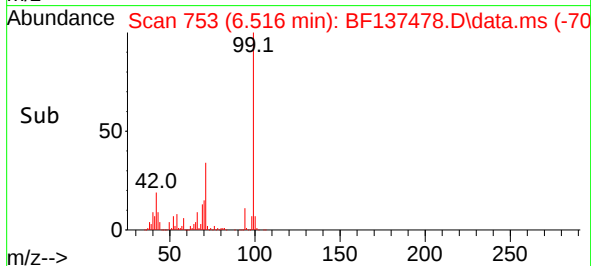
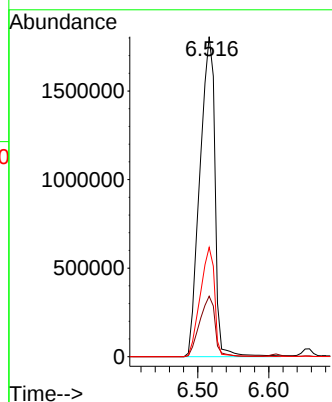
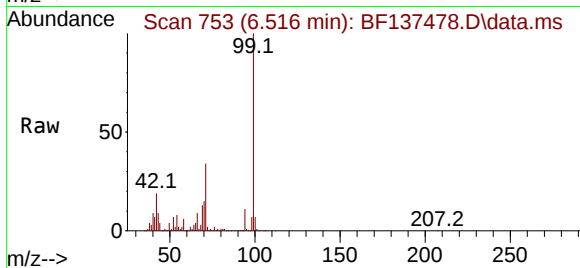
Tgt Ion: 99 Resp: 2676911

Ion Ratio Lower Upper

99 100

42 18.9 14.6 21.8

71 34.1 25.3 37.9



#8

2-Chlorophenol

Concen: 48.081 ng

RT: 6.657 min Scan# 777

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

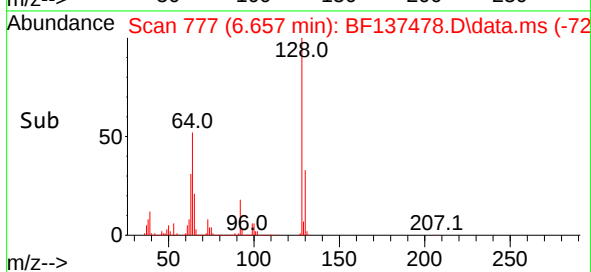
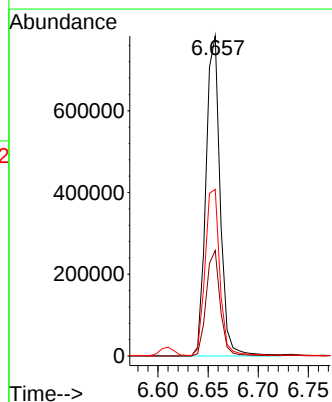
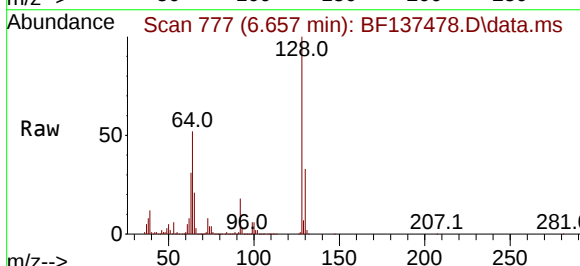
Tgt Ion:128 Resp: 778763

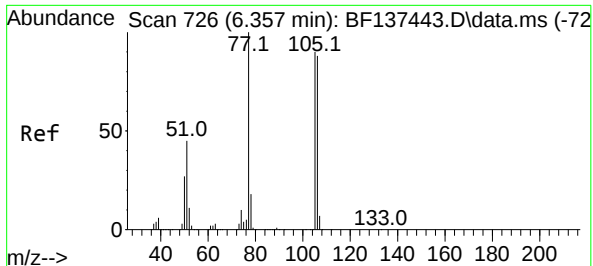
Ion Ratio Lower Upper

128 100

130 32.9 13.4 53.4

64 52.1 30.0 70.0

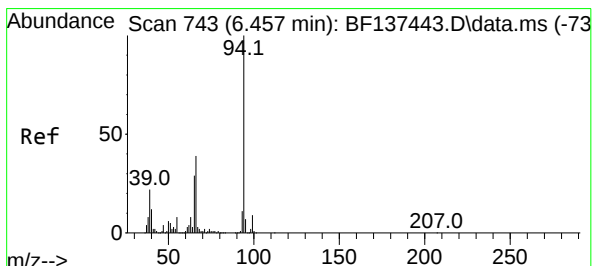
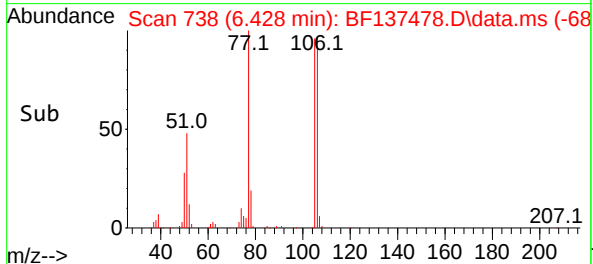
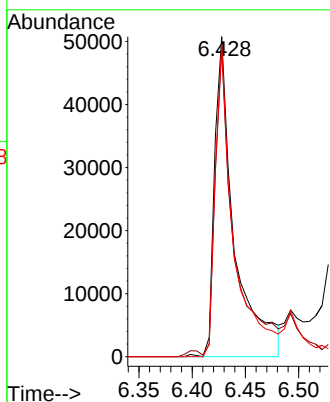
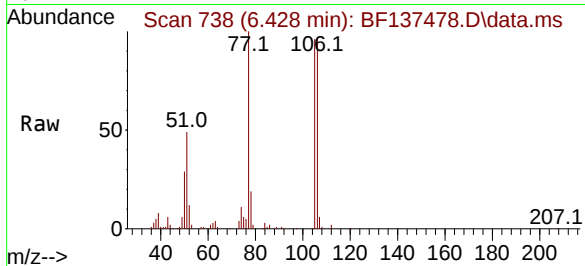




#9
Benzaldehyde
Concen: 6.038 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

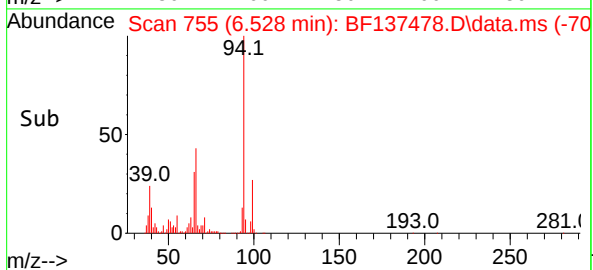
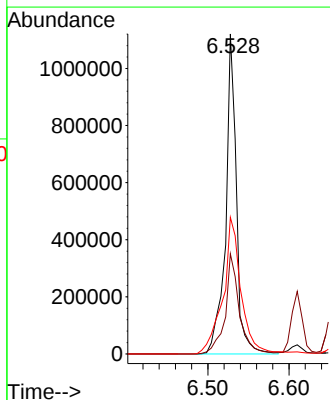
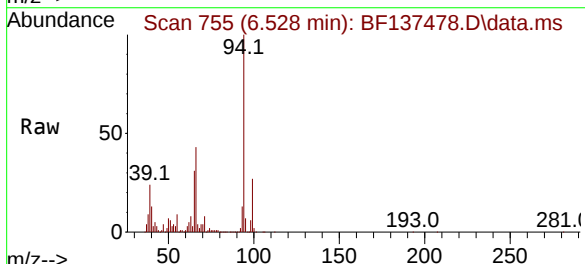
Instrument :
BNA_F
ClientSampleId :
PB159412BS

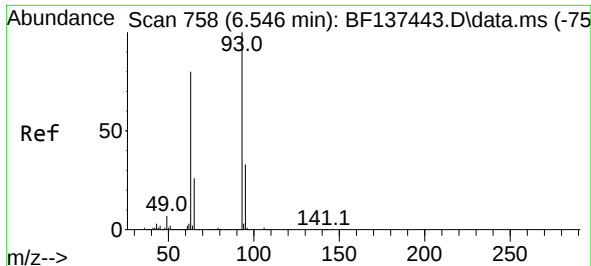
Tgt Ion: 77 Resp: 65568
Ion Ratio Lower Upper
77 100
105 95.8 69.8 109.8
106 97.5 67.8 107.8



#10
Phenol
Concen: 43.308 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion: 94 Resp: 1033257
Ion Ratio Lower Upper
94 100
65 31.3 8.7 48.7
66 42.7 18.6 58.6

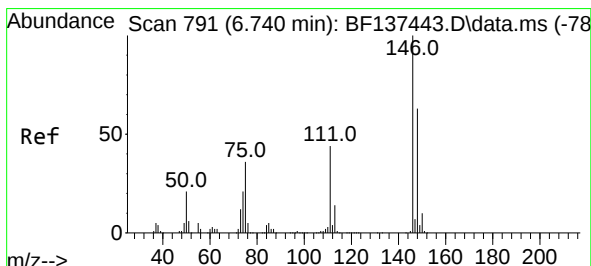
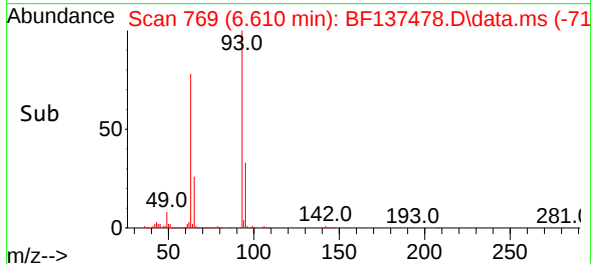
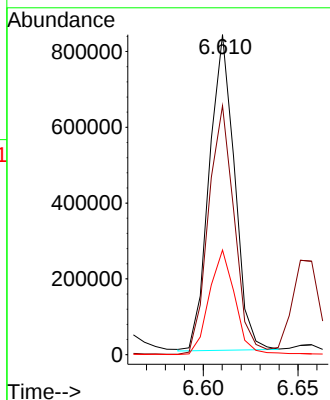
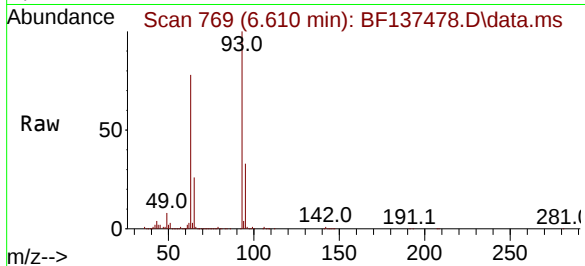




#11
bis(2-Chloroethyl)ether
Concen: 44.321 ng
RT: 6.610 min Scan# 701
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

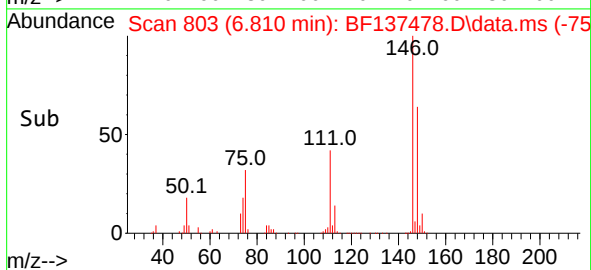
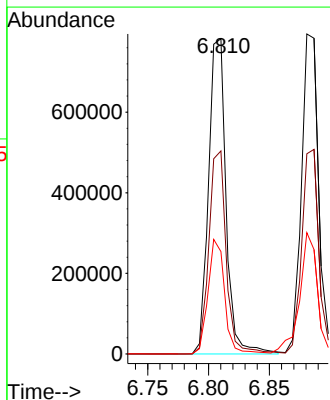
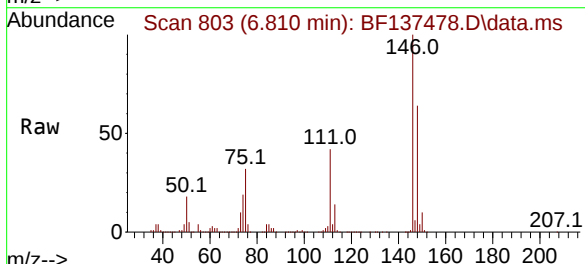
Instrument :
BNA_F
ClientSampleId :
PB159412BS

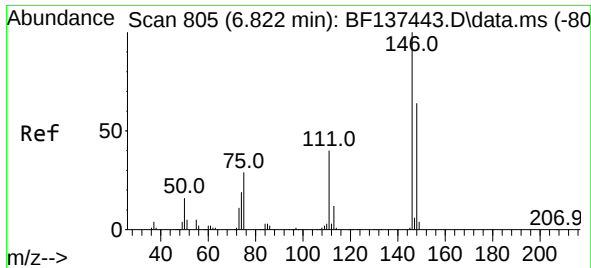
Tgt Ion: 93 Resp: 774874
Ion Ratio Lower Upper
93 100
63 77.8 58.9 98.9
95 32.7 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.383 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:146 Resp: 785473
Ion Ratio Lower Upper
146 100
148 64.4 50.3 75.5
75 32.5 29.0 43.4

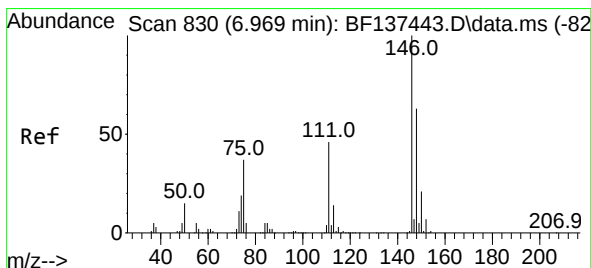
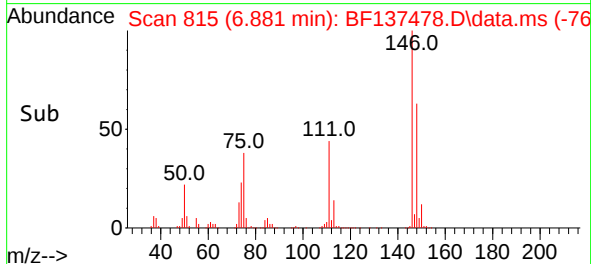
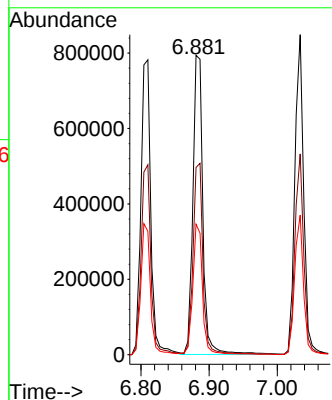
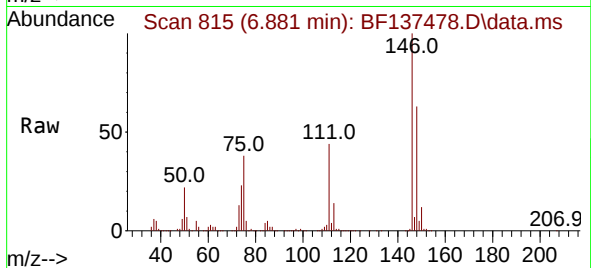




#13
1,4-Dichlorobenzene
Concen: 45.426 ng
RT: 6.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

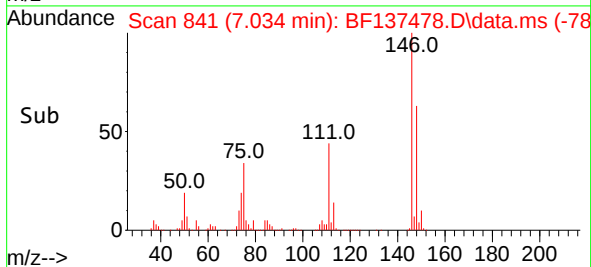
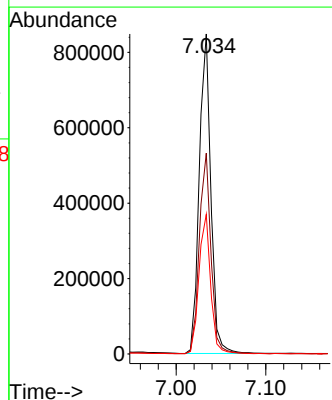
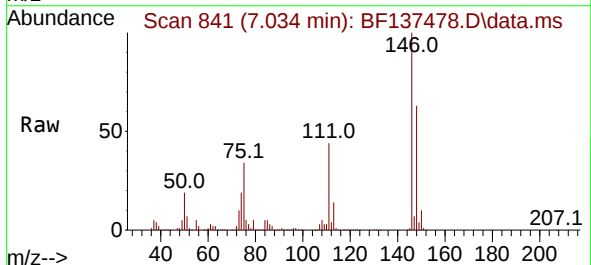
Instrument :
BNA_F
ClientSampleId :
PB159412BS

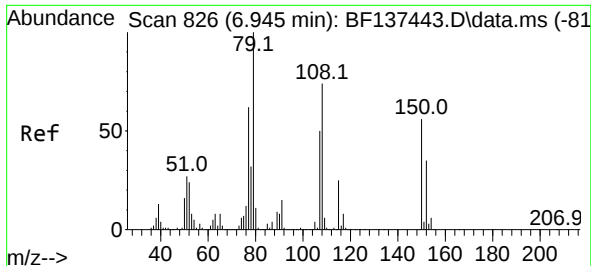
Tgt Ion:146 Resp: 804419
Ion Ratio Lower Upper
146 100
148 62.5 51.2 76.8
111 43.6 32.4 48.6



#14
1,2-Dichlorobenzene
Concen: 46.812 ng
RT: 7.034 min Scan# 841
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:146 Resp: 760880
Ion Ratio Lower Upper
146 100
148 62.7 50.0 75.0
111 43.6 36.8 55.2

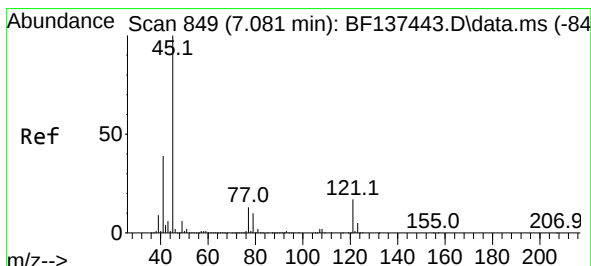
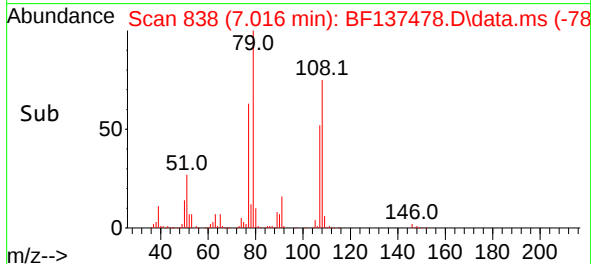
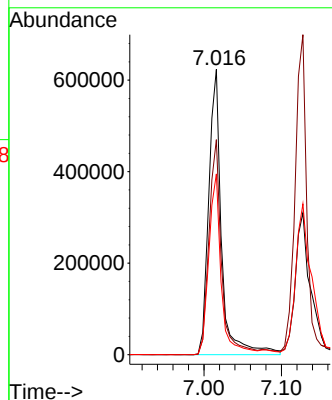
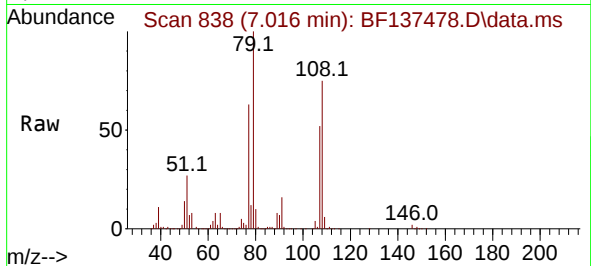




#15
Benzyl Alcohol
Concen: 51.868 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

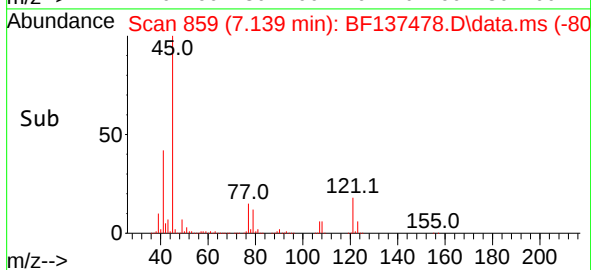
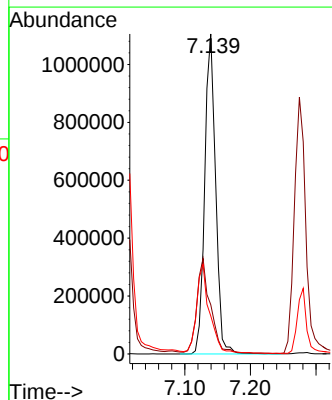
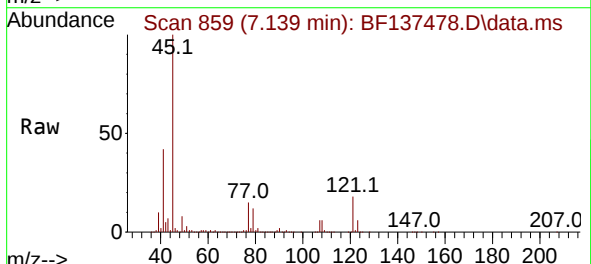
Instrument :
BNA_F
ClientSampleId :
PB159412BS

Tgt Ion: 79 Resp: 715767
Ion Ratio Lower Upper
79 100
108 75.4 59.5 89.3
77 63.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.608 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion: 45 Resp: 1280485
Ion Ratio Lower Upper
45 100
77 15.4 0.0 33.4
79 11.9 0.0 30.9





#17

2-Methylphenol

Concen: 42.587 ng

RT: 7.128 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF137478.D

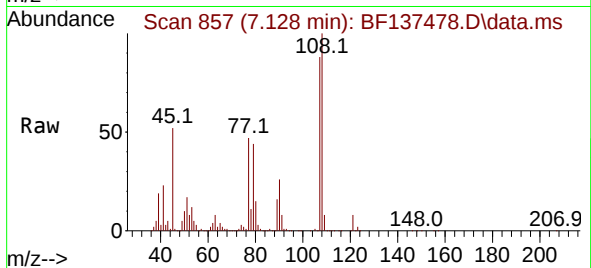
Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS



Tgt Ion:107 Resp: 645447

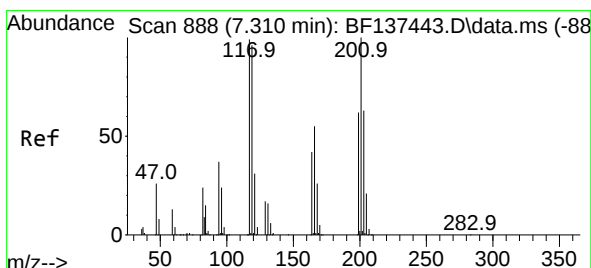
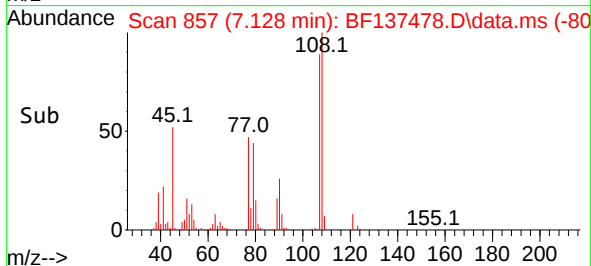
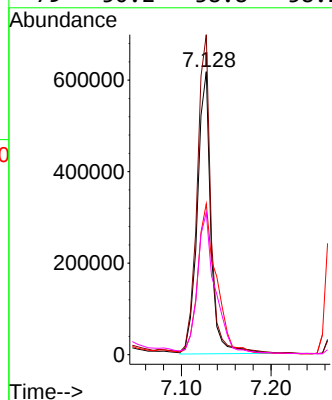
Ion Ratio Lower Upper

107 100

108 113.1 92.2 138.4

77 53.3 38.6 57.8

79 50.2 38.8 58.2



#18

Hexachloroethane

Concen: 46.992 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

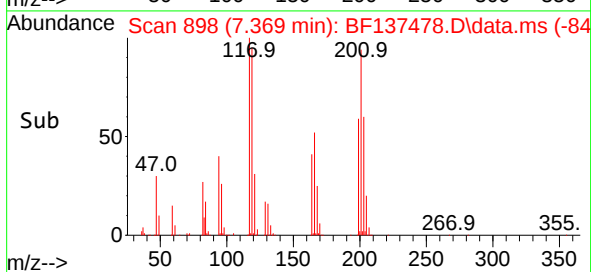
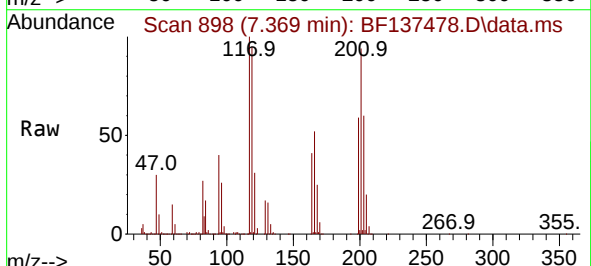
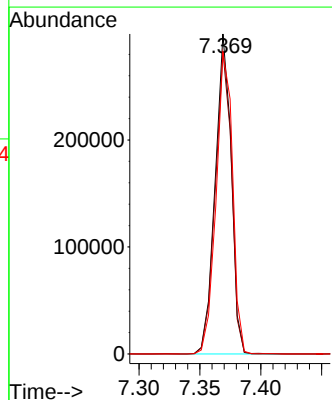
Tgt Ion:117 Resp: 274005

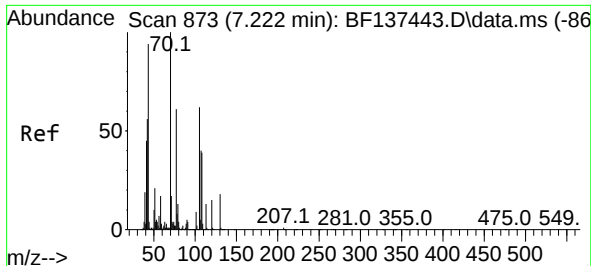
Ion Ratio Lower Upper

117 100

119 94.6 77.5 116.3

201 94.2 80.6 121.0



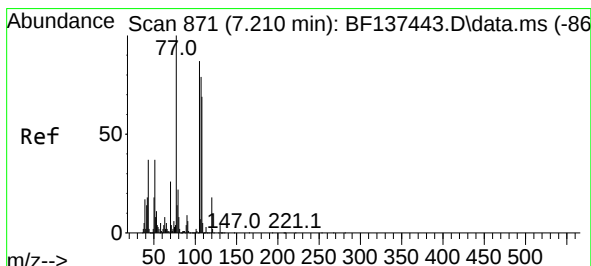
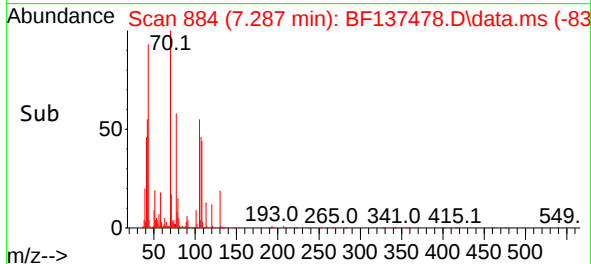
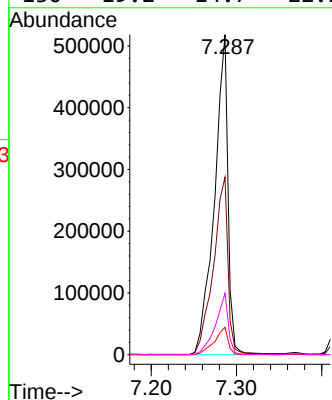
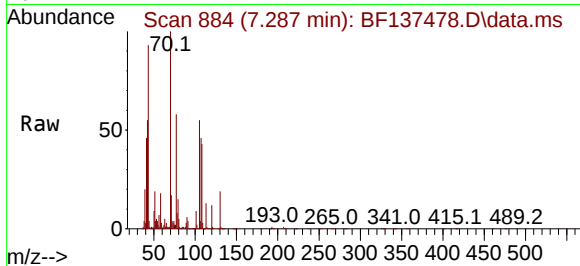


#19
n-Nitroso-di-n-propylamine
Concen: 41.977 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Instrument :
BNA_F
ClientSampleId :
PB159412BS

Tgt Ion: 70 Resp: 574590

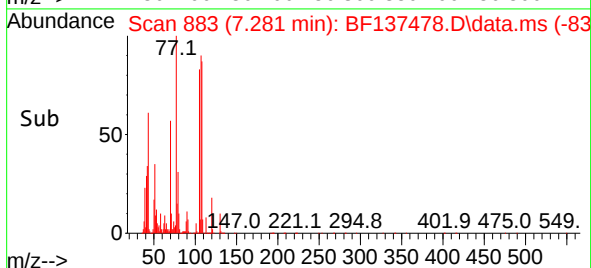
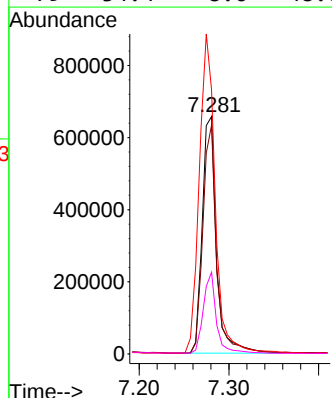
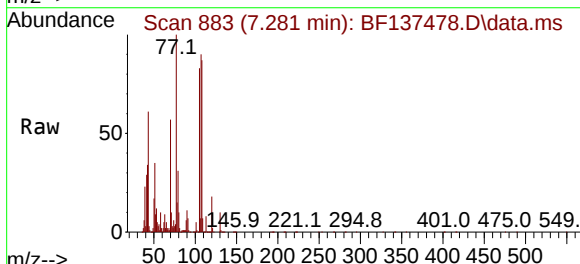
Ion	Ratio	Lower	Upper
70	100		
42	55.4	45.2	67.8
101	8.5	7.3	10.9
130	19.2	14.7	22.1

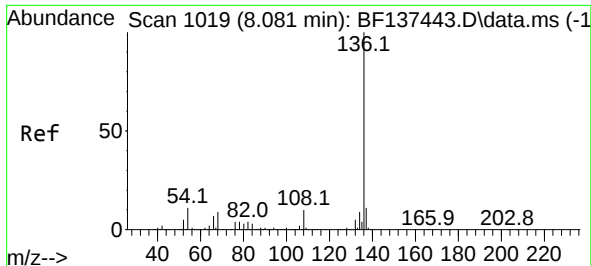


#20
3+4-Methylphenols
Concen: 41.722 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion: 107 Resp: 724208

Ion	Ratio	Lower	Upper
107	100		
108	96.4	67.6	107.6
77	111.2	107.1	147.1
79	34.4	8.6	48.6

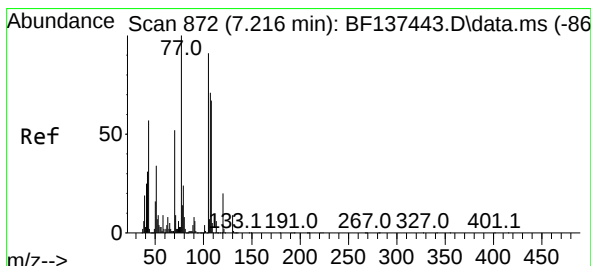
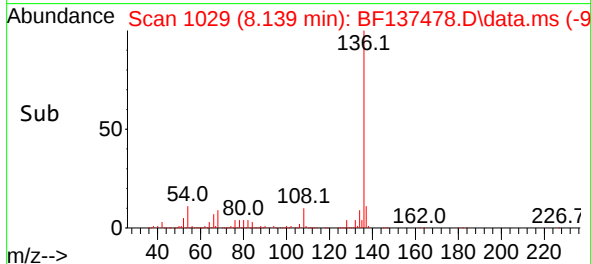
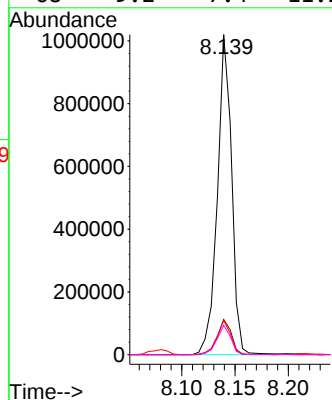
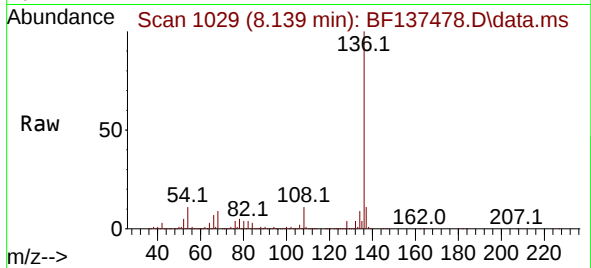




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1019
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

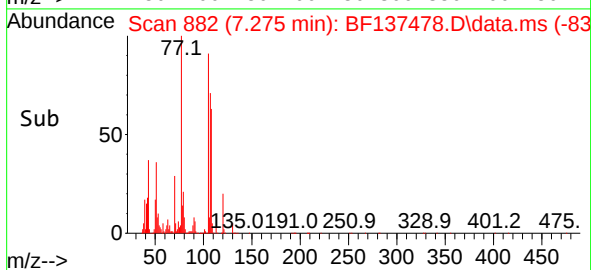
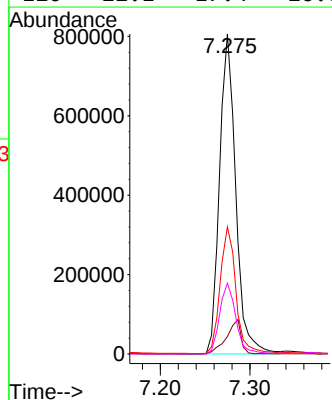
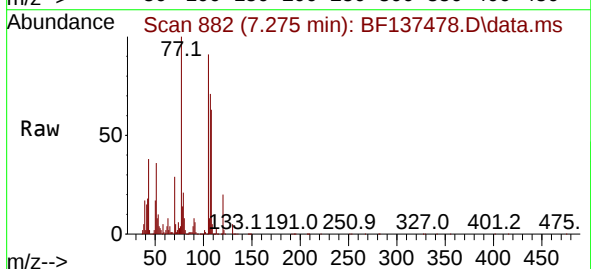
Instrument :
BNA_F
ClientSampleId :
PB159412BS

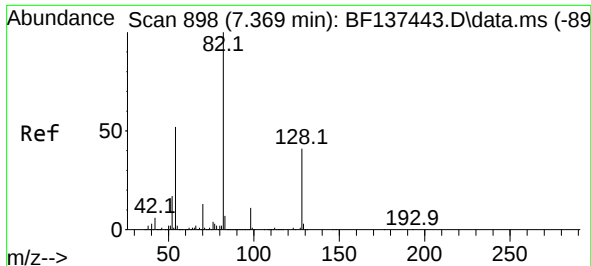
Tgt Ion:136 Resp: 947568
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.7 8.5 12.7
68 9.2 7.4 11.2



#22
Acetophenone
Concen: 44.112 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:105 Resp: 1011353
Ion Ratio Lower Upper
105 100
71 5.4 7.7 11.5#
51 39.7 30.4 45.6
120 22.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.175 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

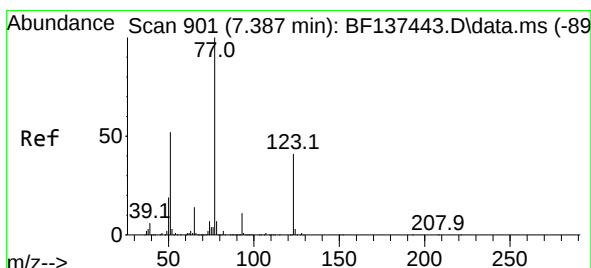
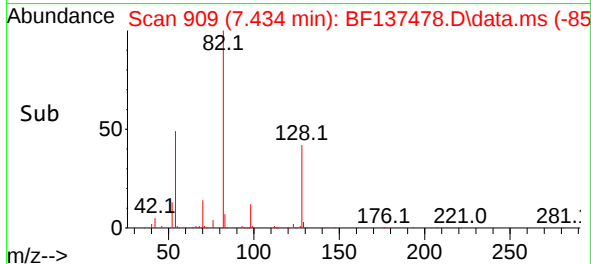
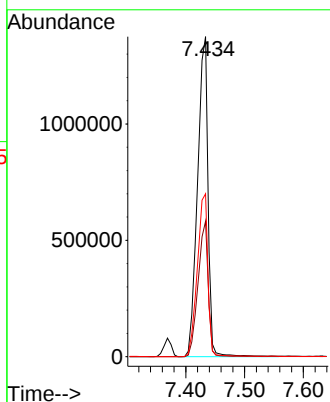
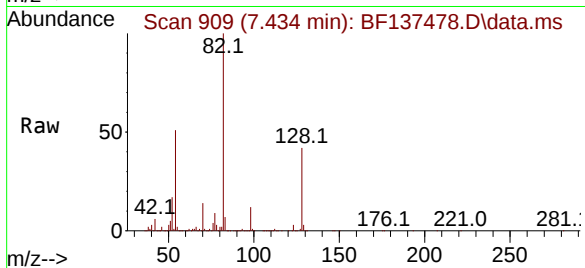
Tgt Ion: 82 Resp: 1696241

Ion Ratio Lower Upper

82 100

128 42.3 32.5 48.7

54 50.9 41.5 62.3



#24

Nitrobenzene

Concen: 44.112 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

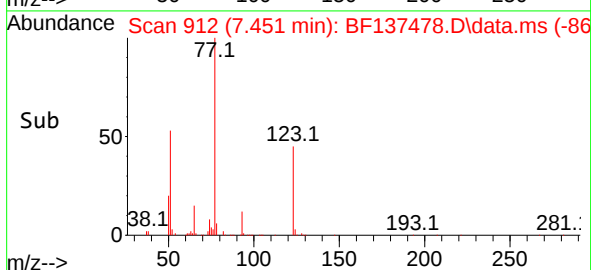
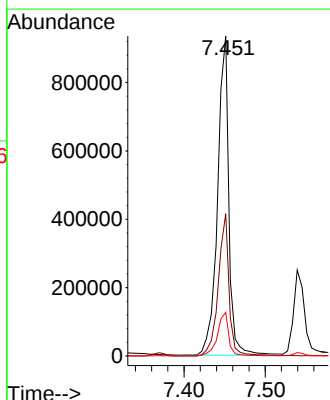
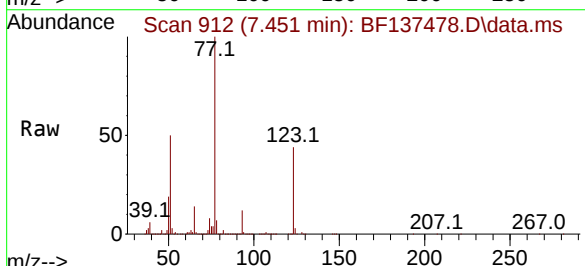
Tgt Ion: 77 Resp: 903696

Ion Ratio Lower Upper

77 100

123 44.4 33.0 49.6

65 13.6 10.9 16.3

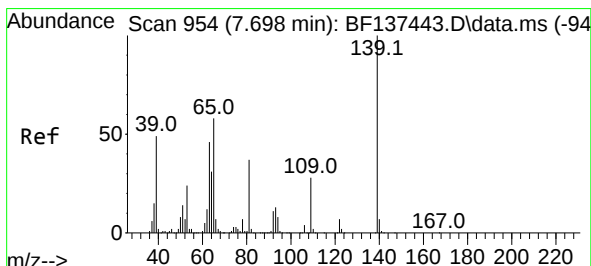
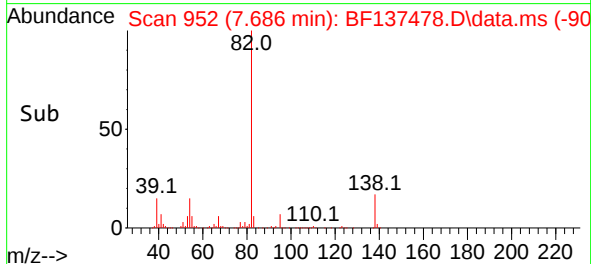
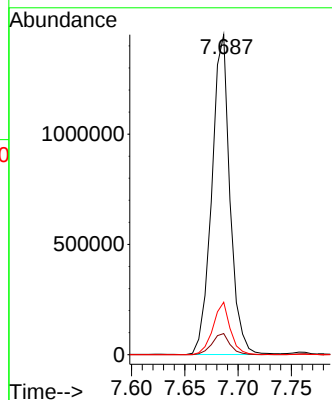
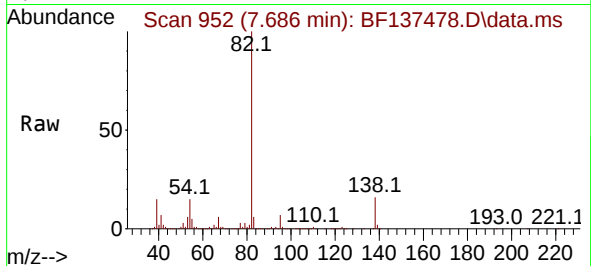




#25
Isophorone
Concen: 44.450 ng
RT: 7.686 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

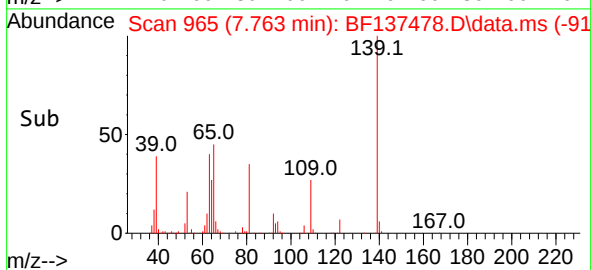
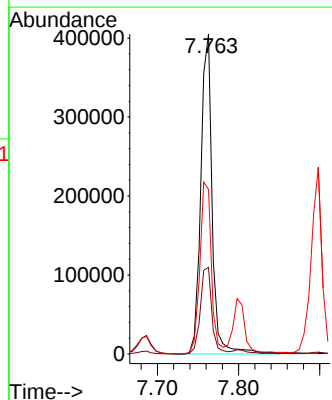
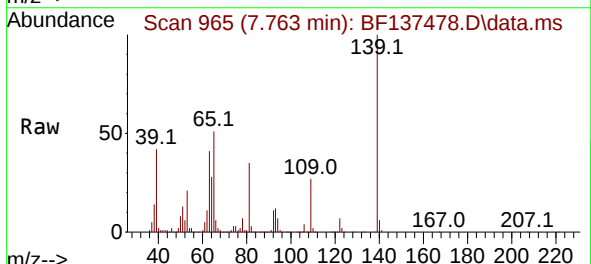
Instrument :
BNA_F
ClientSampleId :
PB159412BS

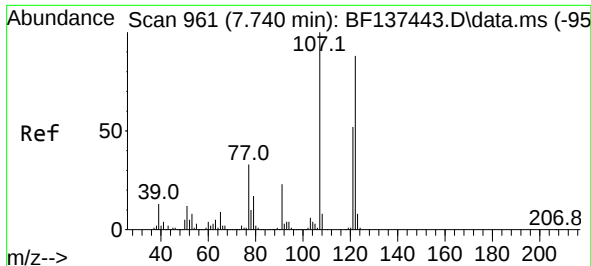
Tgt Ion: 82 Resp: 1722185
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 16.4 11.8 17.8



#26
2-Nitrophenol
Concen: 48.705 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:139 Resp: 396135
Ion Ratio Lower Upper
139 100
109 27.0 22.2 33.4
65 51.4 46.2 69.2

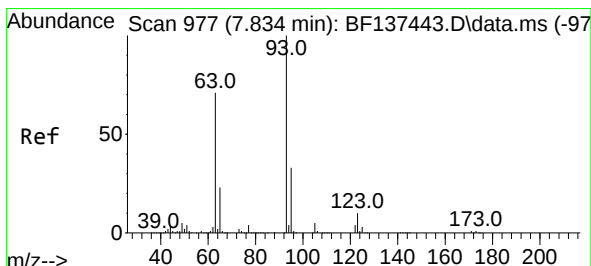
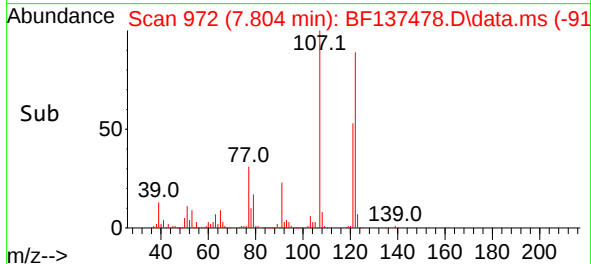
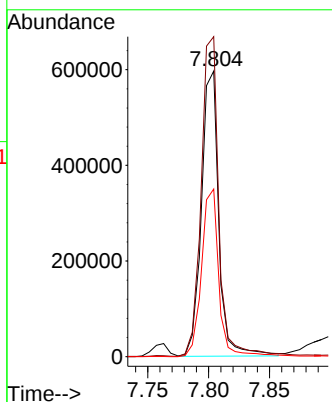
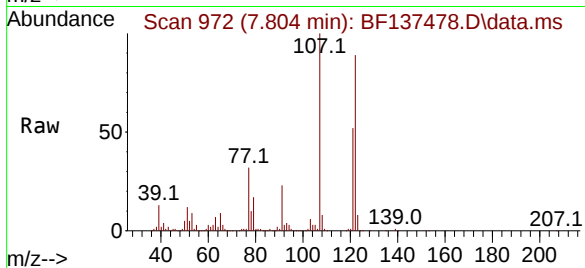




#27
2,4-Dimethylphenol
Concen: 38.807 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

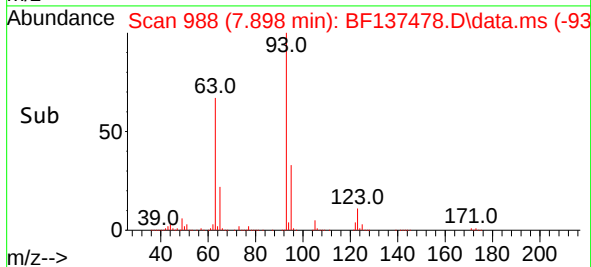
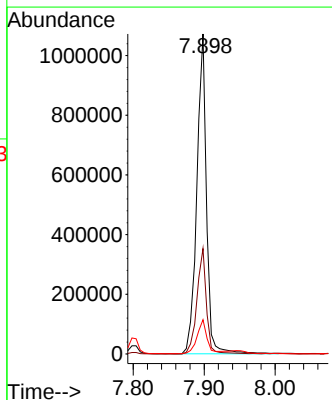
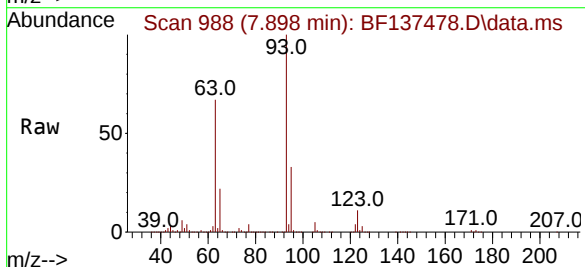
Instrument :
BNA_F
ClientSampleId :
PB159412BS

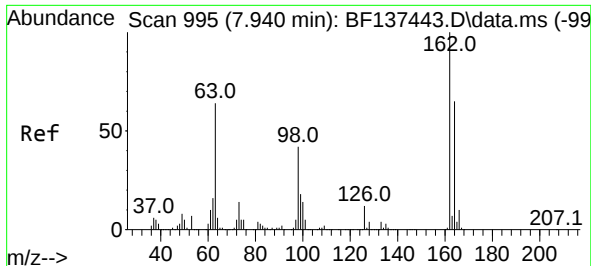
Tgt Ion:122 Resp: 589769
Ion Ratio Lower Upper
122 100
107 112.0 90.9 136.3
121 58.7 47.0 70.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.797 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion: 93 Resp: 1018352
Ion Ratio Lower Upper
93 100
95 33.0 26.5 39.7
123 10.7 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 47.213 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

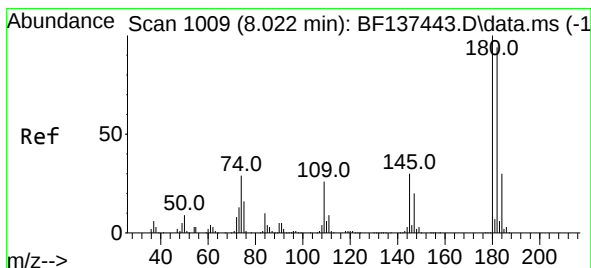
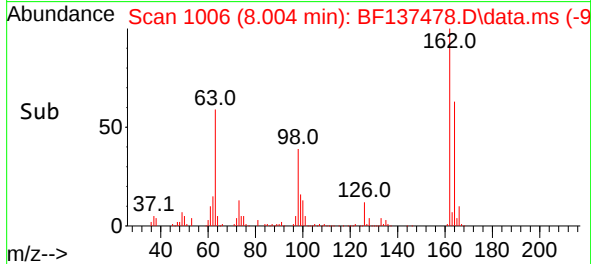
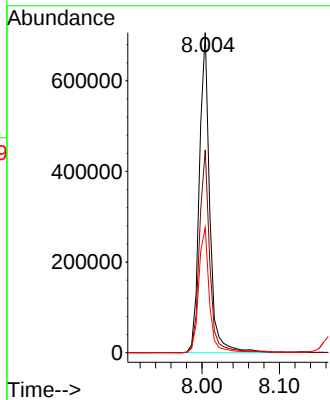
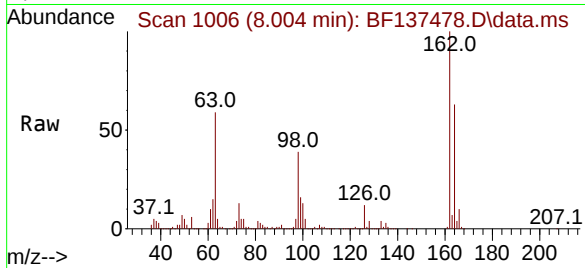
Tgt Ion:162 Resp: 658524

Ion Ratio Lower Upper

162 100

164 63.4 44.7 84.7

98 39.1 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 45.178 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

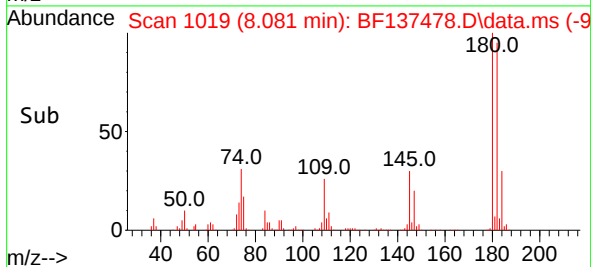
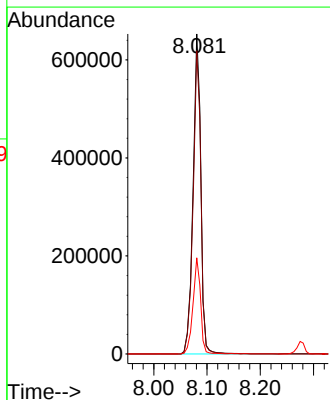
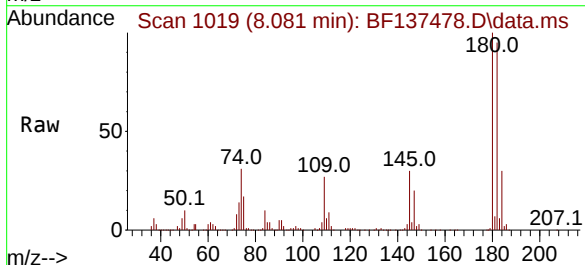
Tgt Ion:180 Resp: 663128

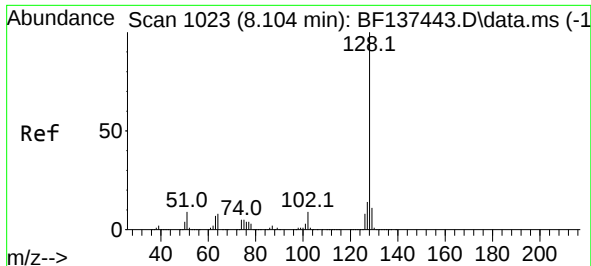
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.6

145 30.1 23.7 35.5

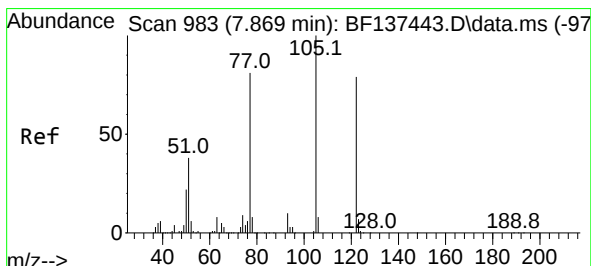
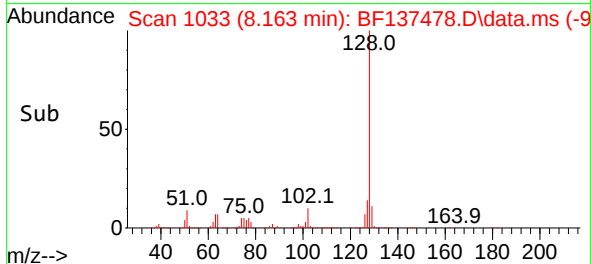
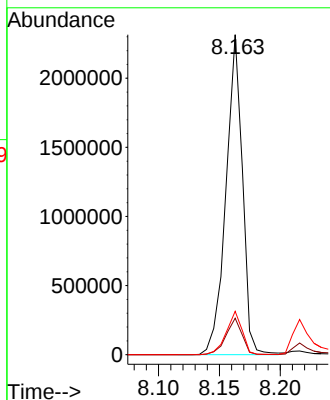
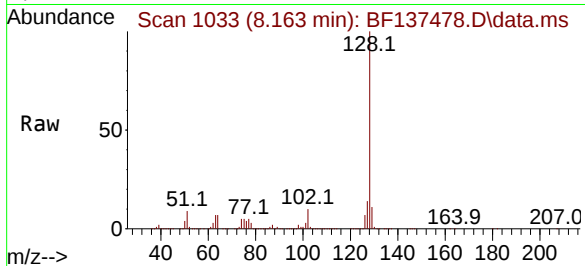




#31
Naphthalene
Concen: 42.958 ng
RT: 8.163 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

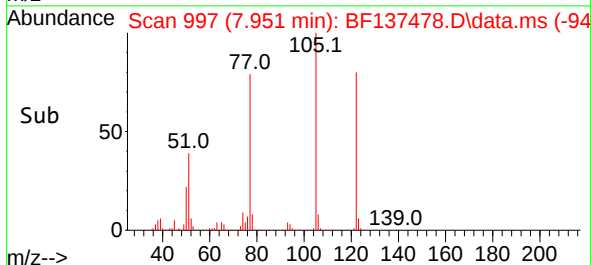
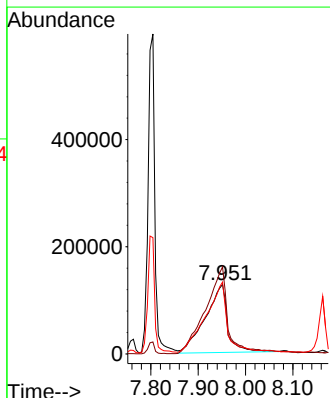
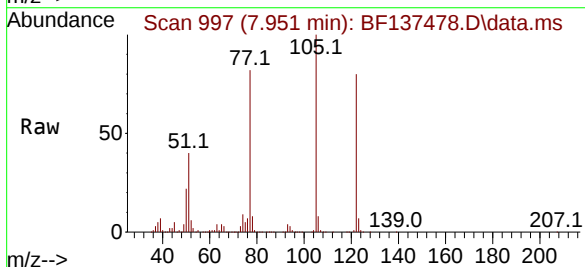
Instrument :
BNA_F
ClientSampleId :
PB159412BS

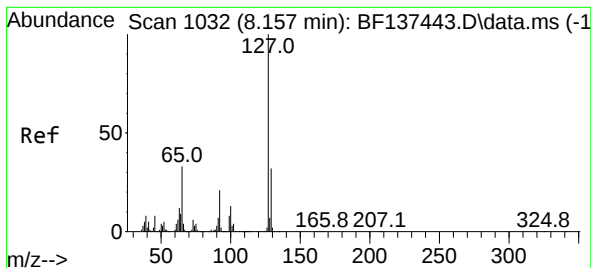
Tgt Ion:128 Resp: 2184005
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 47.439 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.024 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:122 Resp: 414441
Ion Ratio Lower Upper
122 100
105 125.2 102.4 142.4
77 103.3 81.1 121.1





#33

4-Chloroaniline

Concen: 15.425 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

Tgt Ion:127 Resp: 307506

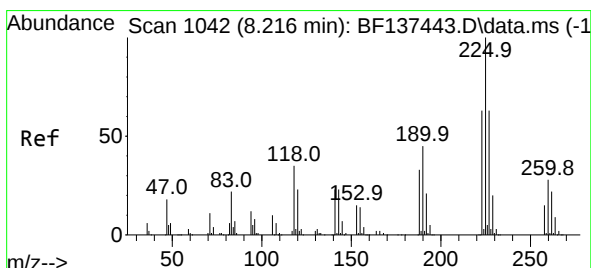
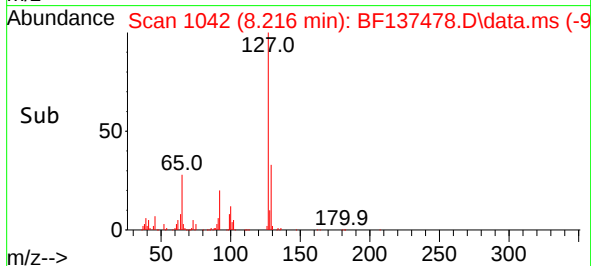
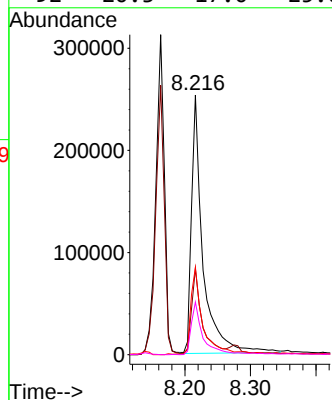
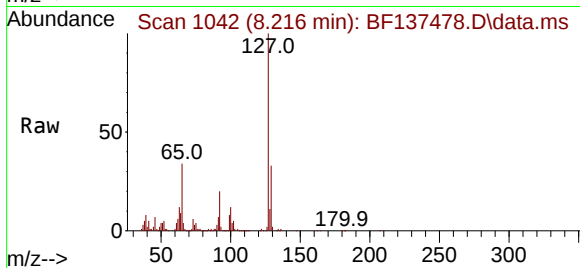
Ion Ratio Lower Upper

127 100

129 33.1 26.0 39.0

65 33.6 26.8 40.2

92 20.3 17.0 25.6



#34

Hexachlorobutadiene

Concen: 44.492 ng

RT: 8.281 min Scan# 1053

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

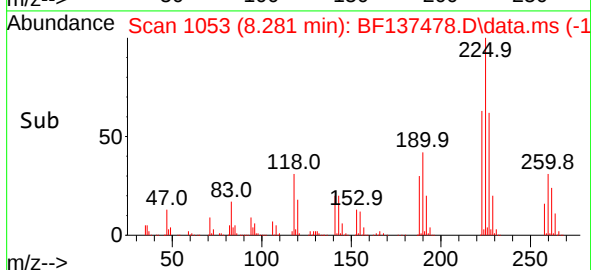
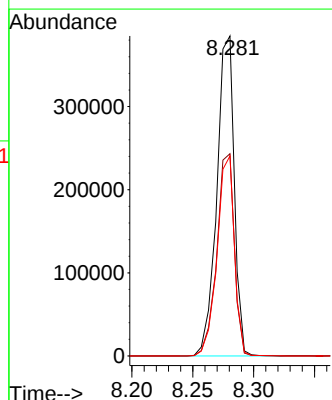
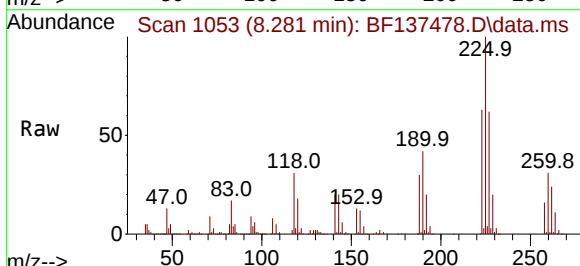
Tgt Ion:225 Resp: 385548

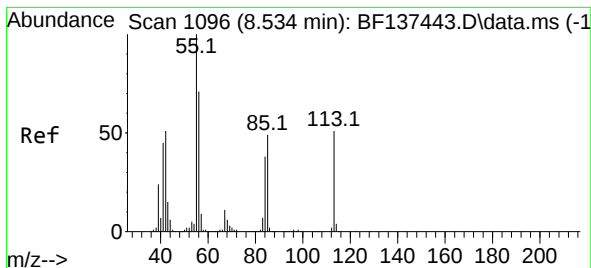
Ion Ratio Lower Upper

225 100

223 63.2 50.7 76.1

227 62.5 50.6 75.8





#35

Caprolactam

Concen: 24.997 ng

RT: 8.598 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

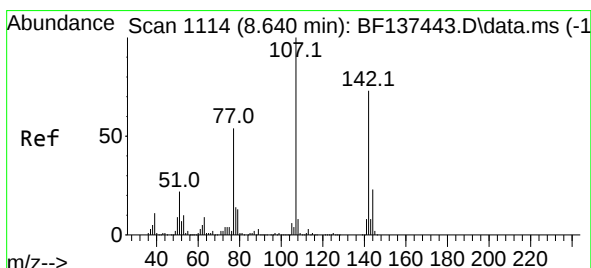
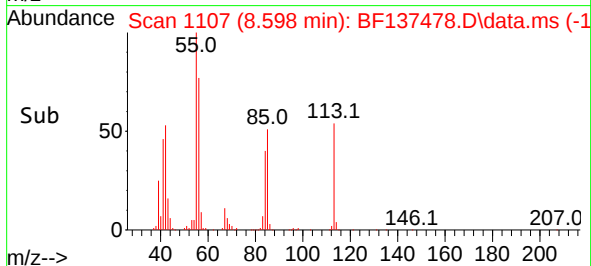
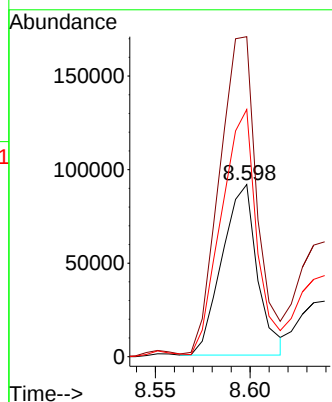
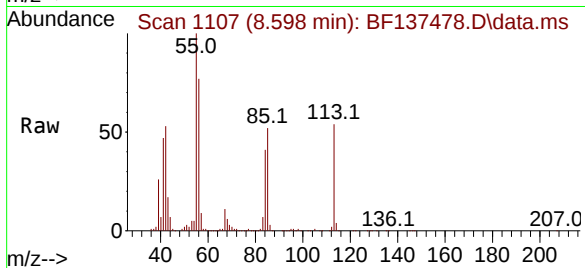
Tgt Ion:113 Resp: 118224

Ion Ratio Lower Upper

113 100

55 185.9 176.7 216.7

56 143.6 120.6 160.6



#36

4-Chloro-3-methylphenol

Concen: 47.119 ng

RT: 8.704 min Scan# 1125

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

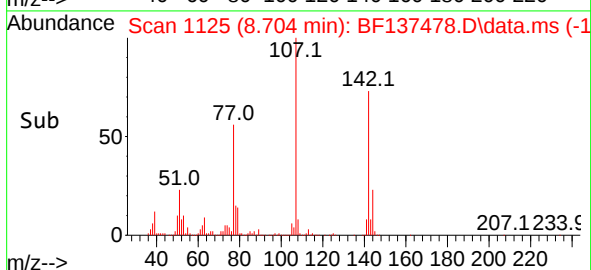
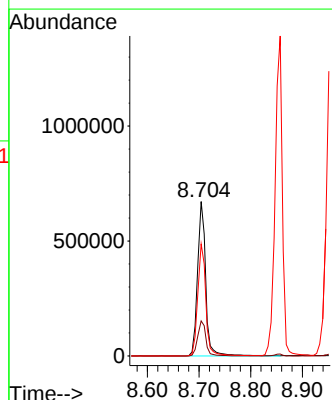
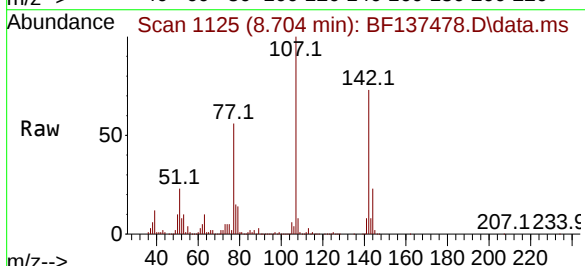
Tgt Ion:107 Resp: 734618

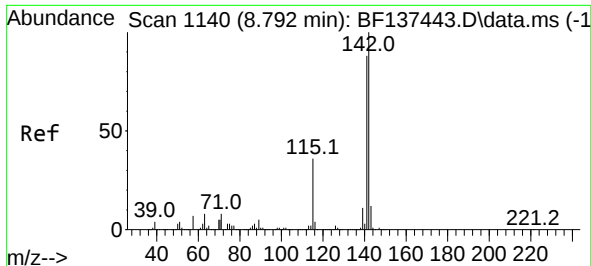
Ion Ratio Lower Upper

107 100

144 22.7 18.7 28.1

142 72.6 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.615 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

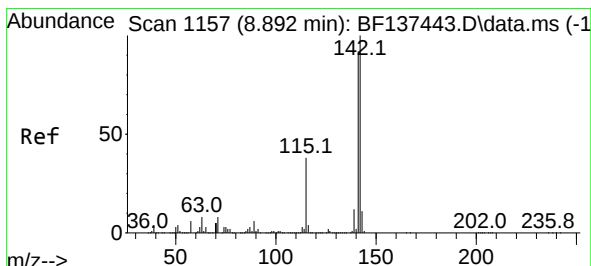
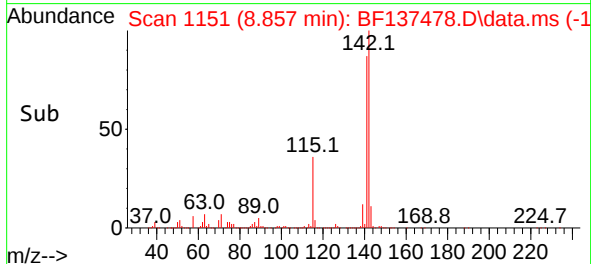
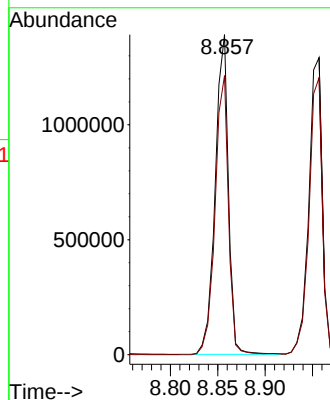
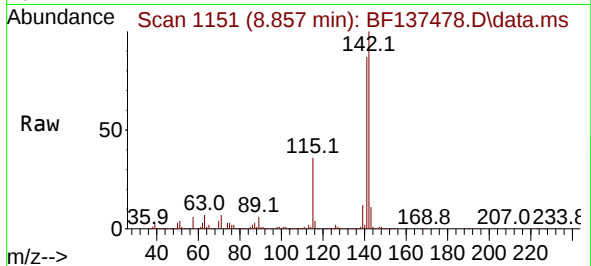
PB159412BS

Tgt Ion:142 Resp: 1348763

Ion Ratio Lower Upper

142 100

141 87.2 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.026 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.012 min

Lab File: BF137478.D

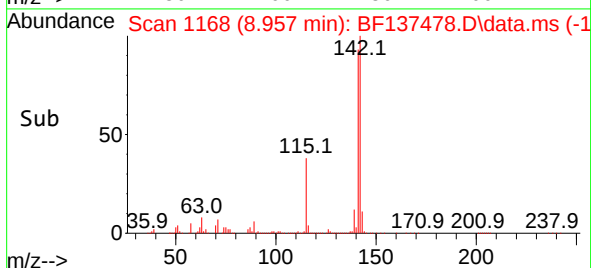
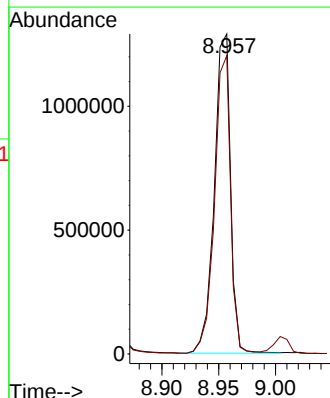
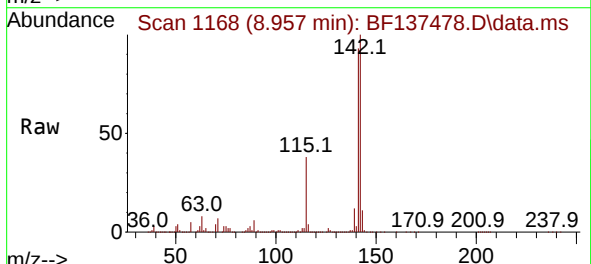
Acq: 04 Mar 2024 13:46

Tgt Ion:142 Resp: 1282723

Ion Ratio Lower Upper

142 100

141 93.2 73.4 110.2

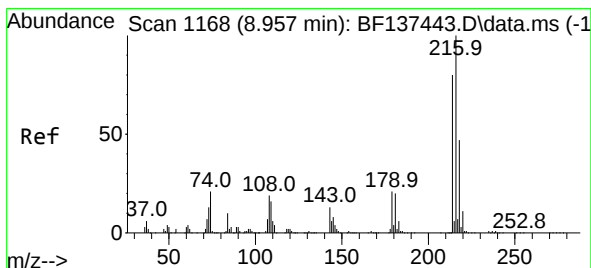
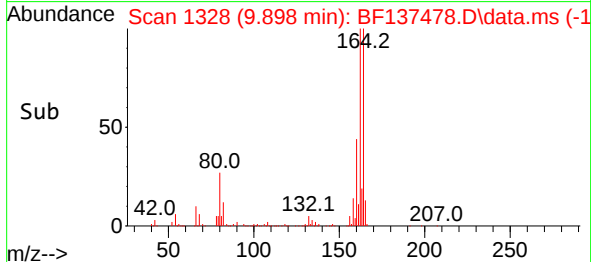
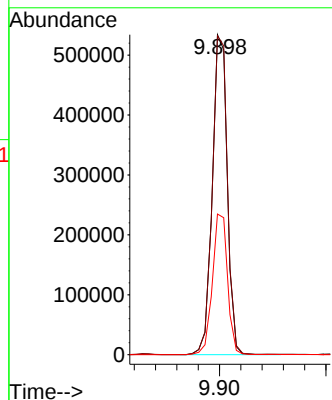
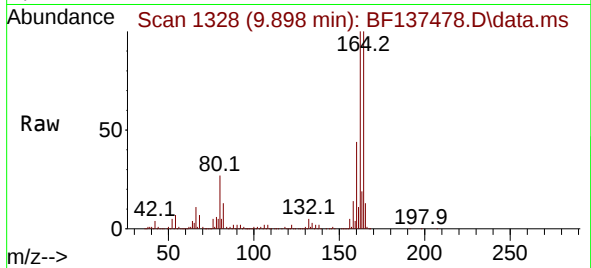




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

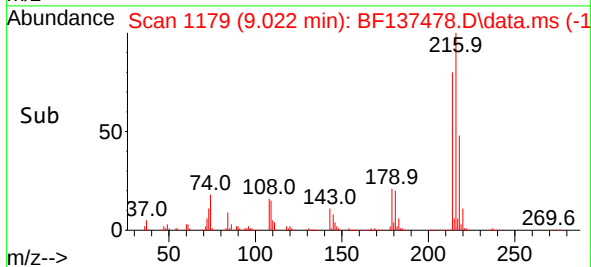
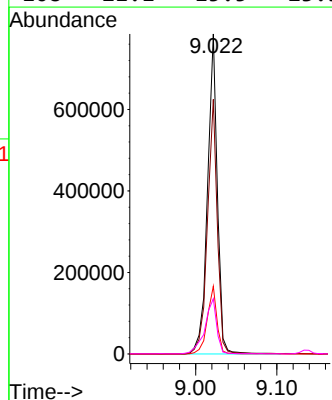
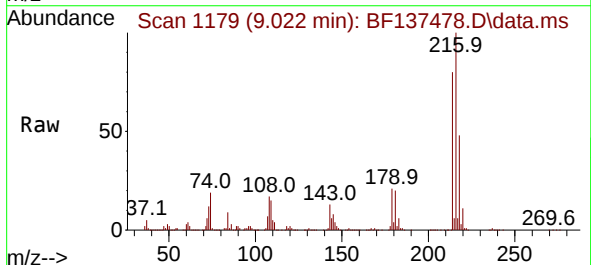
Instrument :
BNA_F
ClientSampleId :
PB159412BS

Tgt Ion:164 Resp: 521262
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 44.0 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.328 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:216 Resp: 659624
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 21.0 16.6 25.0
108 21.1 15.5 23.3

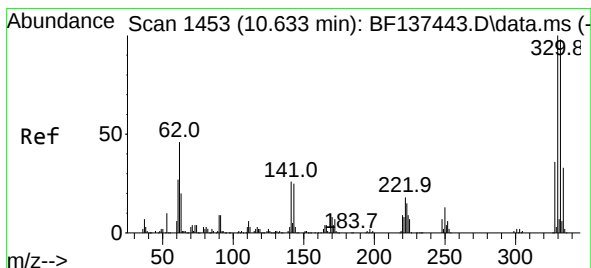
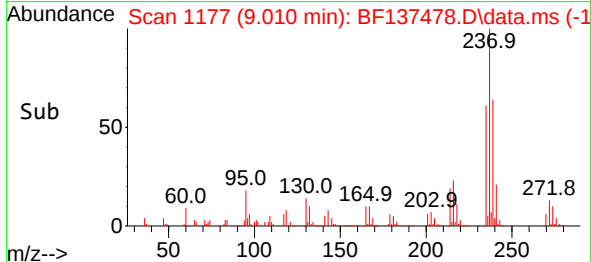
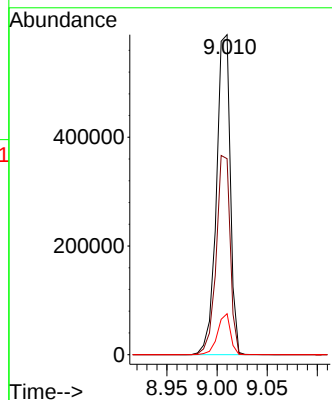
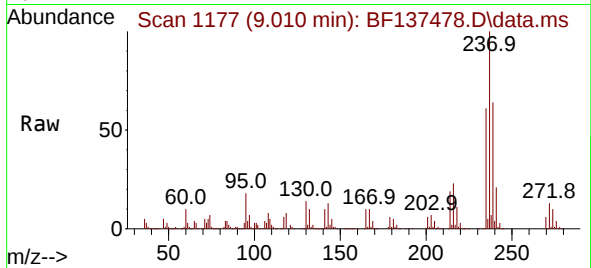




#41
Hexachlorocyclopentadiene
Concen: 93.844 ng
RT: 9.010 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

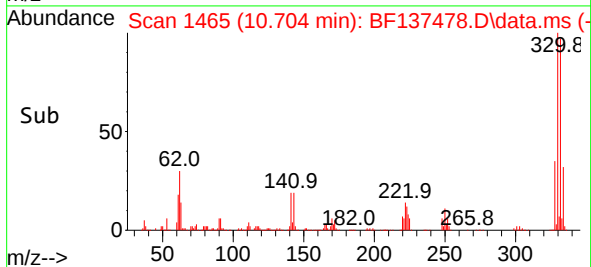
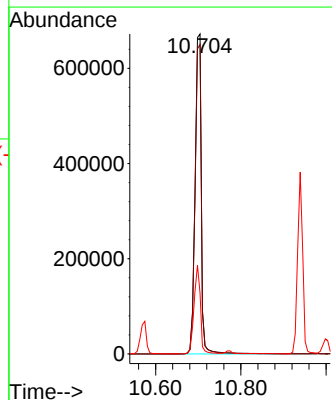
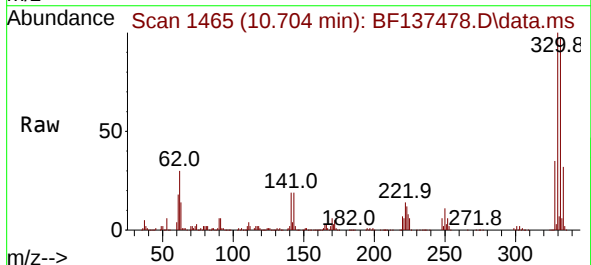
Instrument :
BNA_F
ClientSampleId :
PB159412BS

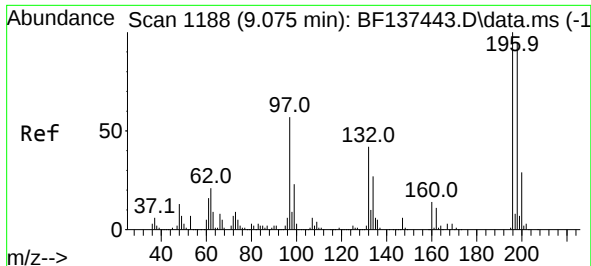
Tgt Ion:237 Resp: 566757
Ion Ratio Lower Upper
237 100
235 61.3 43.6 83.6
272 12.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 149.371 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:330 Resp: 683759
Ion Ratio Lower Upper
330 100
332 96.1 78.0 117.0
141 28.0 27.3 40.9

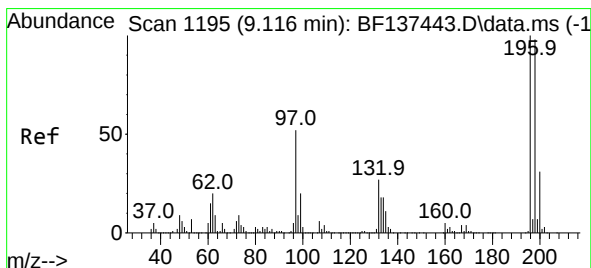
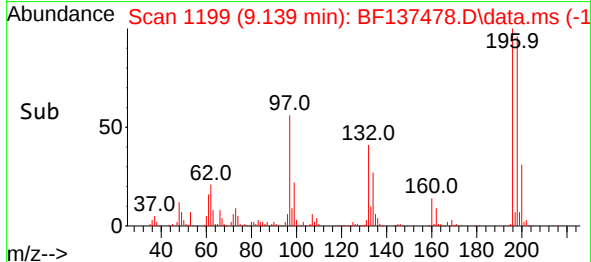
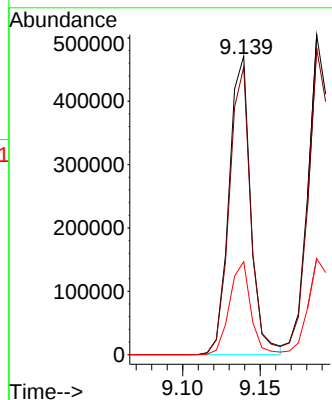
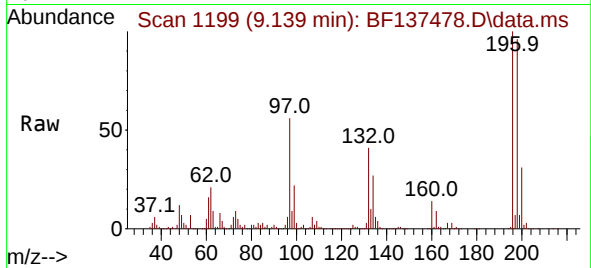




#43
2,4,6-Trichlorophenol
Concen: 48.393 ng
RT: 9.139 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

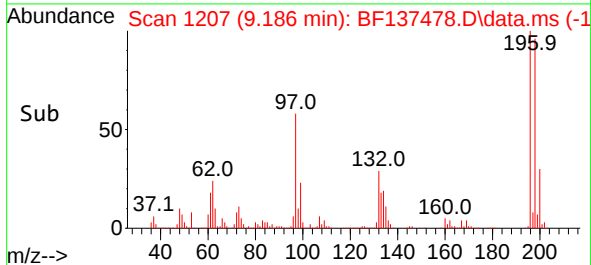
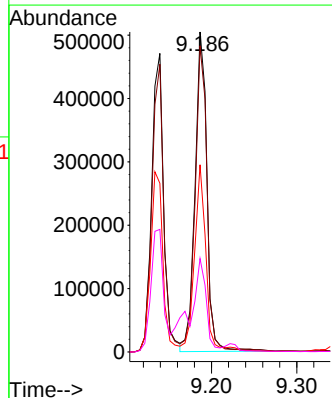
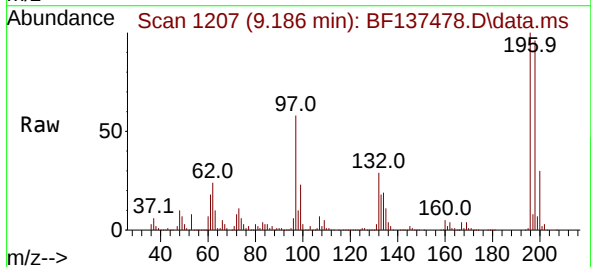
Instrument :
BNA_F
ClientSampleId :
PB159412BS

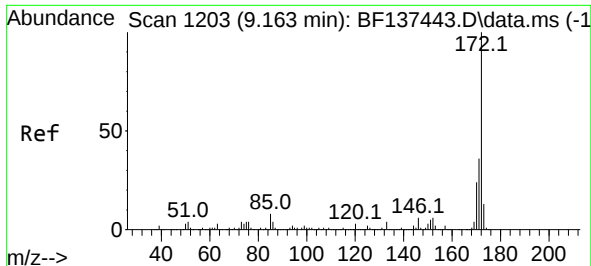
Tgt Ion:196 Resp: 458596
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.8
200 31.1 23.5 35.3



#44
2,4,5-Trichlorophenol
Concen: 44.889 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.018 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:196 Resp: 490028
Ion Ratio Lower Upper
196 100
198 95.7 78.6 117.8
97 58.5 41.8 62.8
132 29.2 22.2 33.4

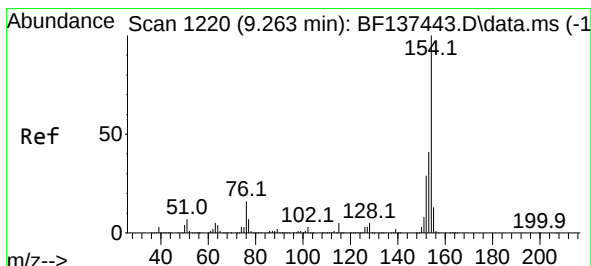
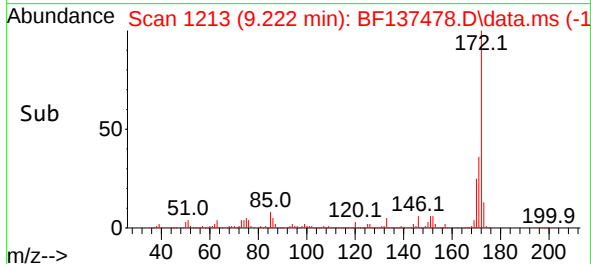
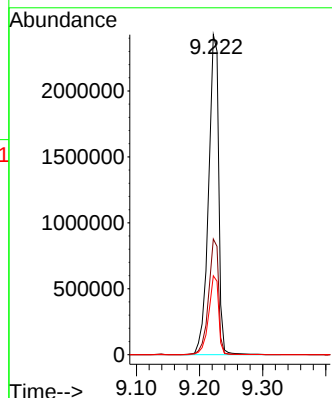
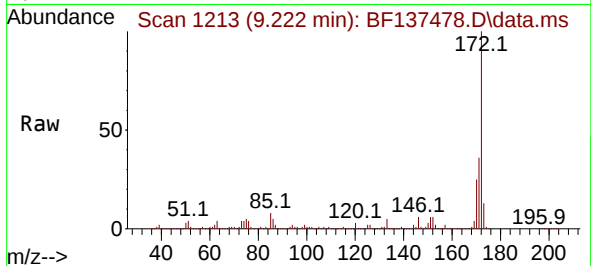




#45
2-Fluorobiphenyl
Concen: 81.595 ng
RT: 9.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

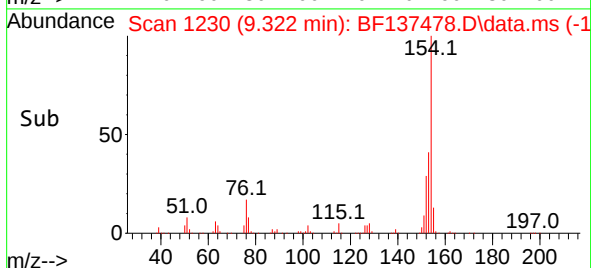
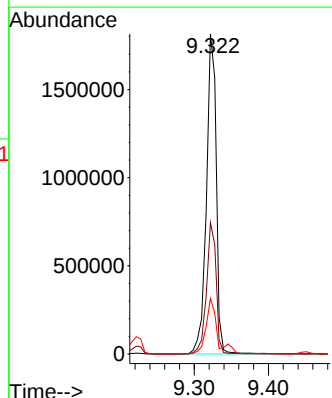
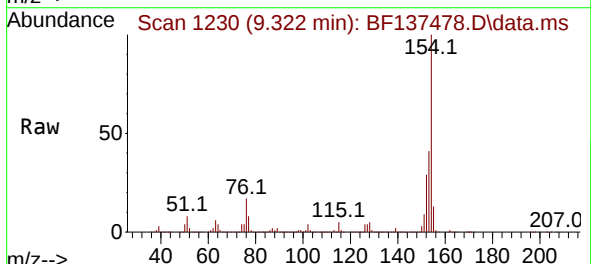
Instrument :
BNA_F
ClientSampleId :
PB159412BS

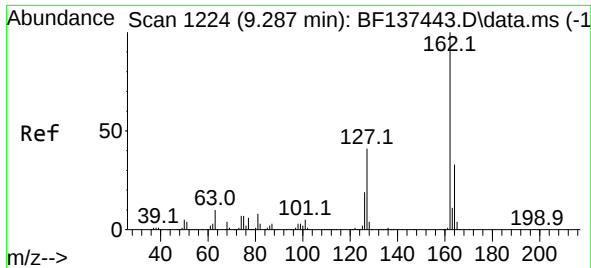
Tgt Ion:172 Resp: 2717090
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 44.142 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:154 Resp: 1684088
Ion Ratio Lower Upper
154 100
153 41.0 21.0 61.0
76 17.4 0.0 35.8





#47

2-Chloronaphthalene

Concen: 46.445 ng

RT: 9.345 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

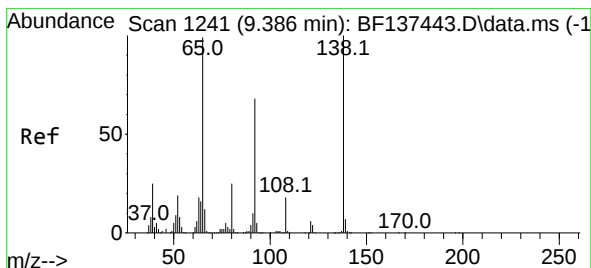
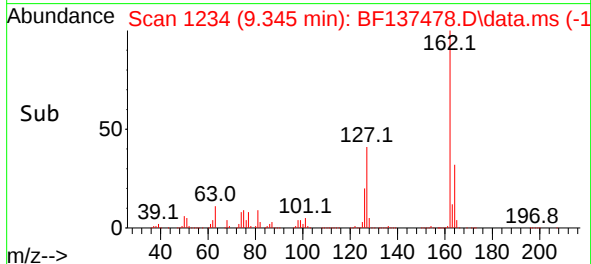
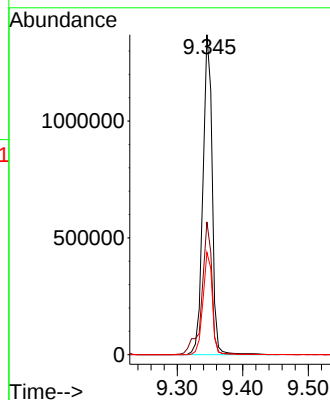
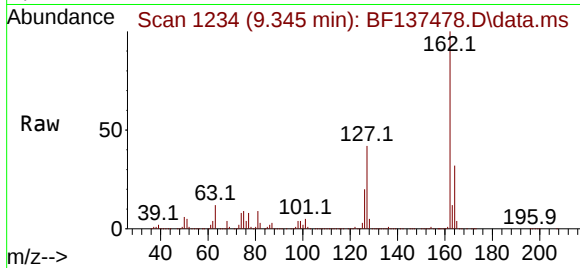
Tgt Ion:162 Resp: 1350966

Ion Ratio Lower Upper

162 100

127 41.5 32.6 49.0

164 32.0 26.5 39.7



#48

2-Nitroaniline

Concen: 48.893 ng

RT: 9.451 min Scan# 1252

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

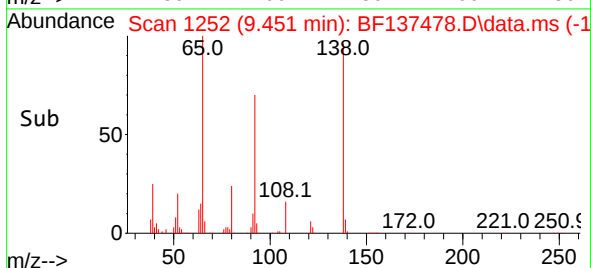
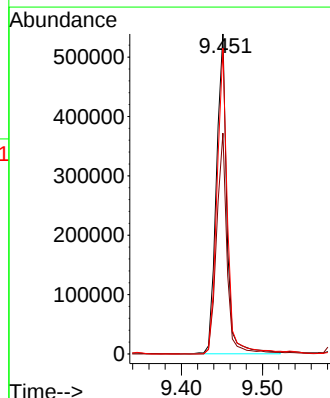
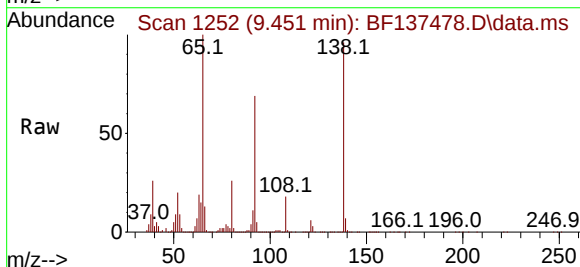
Tgt Ion: 65 Resp: 483387

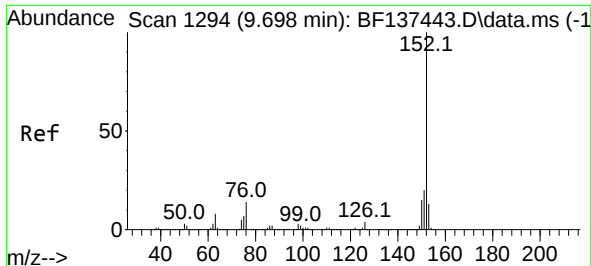
Ion Ratio Lower Upper

65 100

92 69.0 55.4 83.2

138 95.5 81.0 121.6





#49

Acenaphthylene

Concen: 45.205 ng

RT: 9.763 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

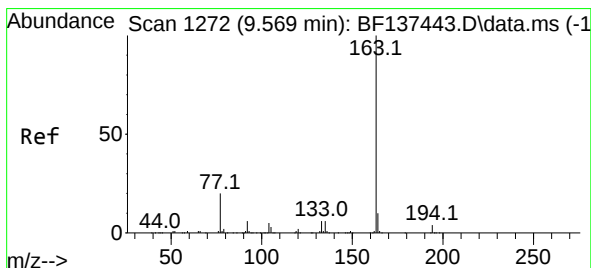
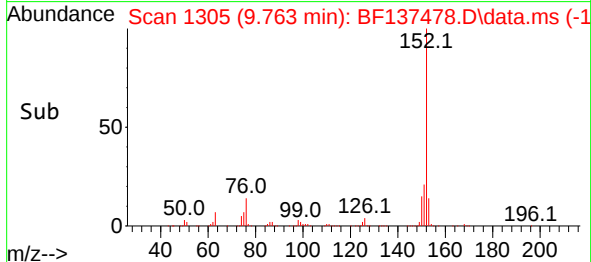
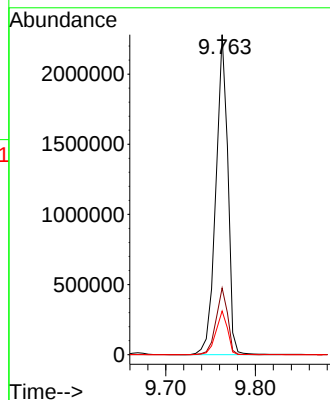
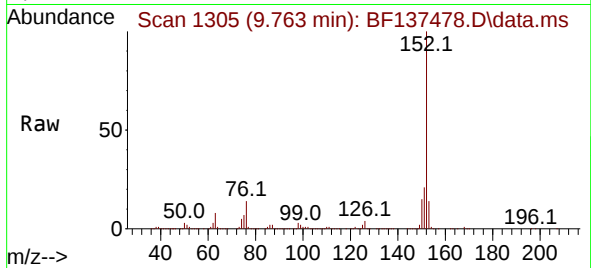
Tgt Ion:152 Resp: 2104279

Ion Ratio Lower Upper

152 100

151 20.8 16.2 24.4

153 13.7 10.8 16.2



#50

Dimethylphthalate

Concen: 45.072 ng

RT: 9.633 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

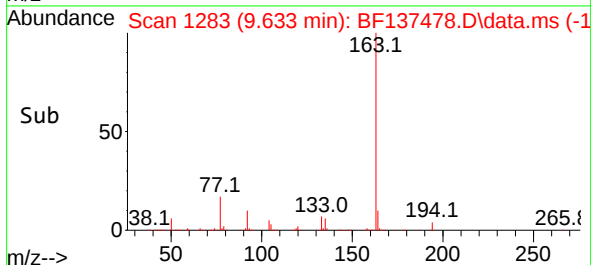
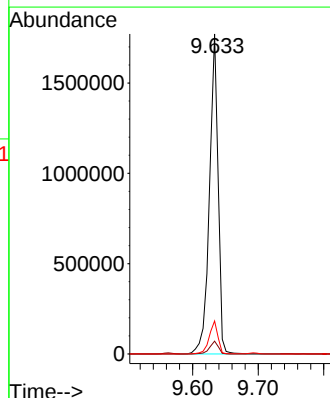
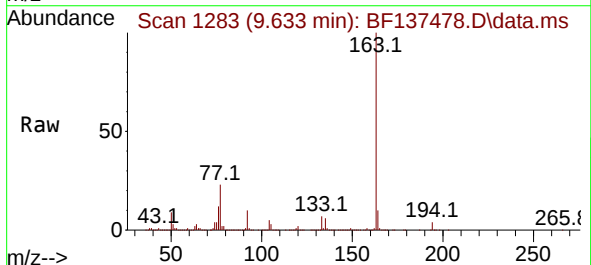
Tgt Ion:163 Resp: 1635486

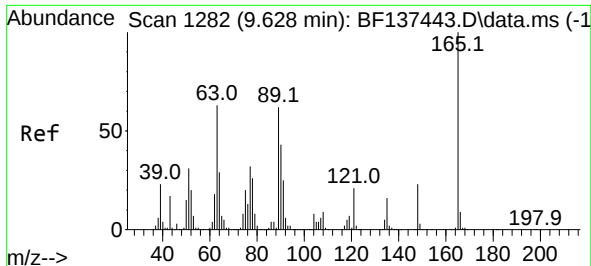
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.391 ng

RT: 9.692 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

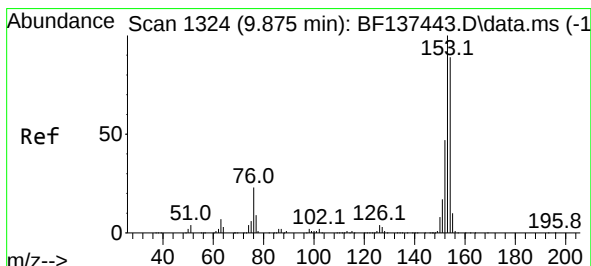
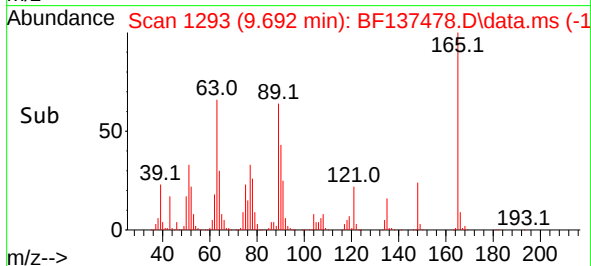
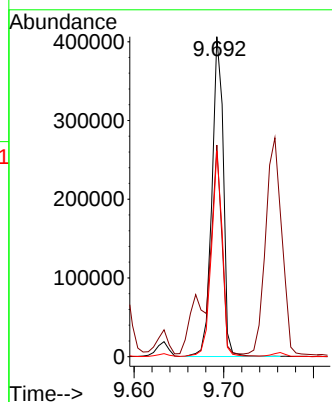
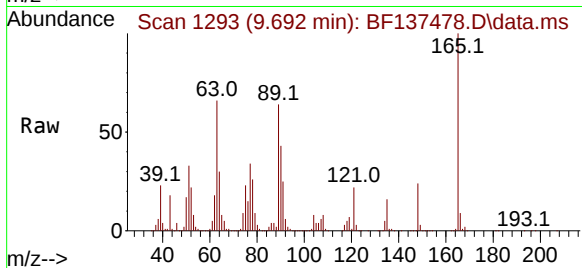
Tgt Ion:165 Resp: 359677

Ion Ratio Lower Upper

165 100

63 66.1 50.7 76.1

89 64.4 50.0 75.0



#52

Acenaphthene

Concen: 43.304 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

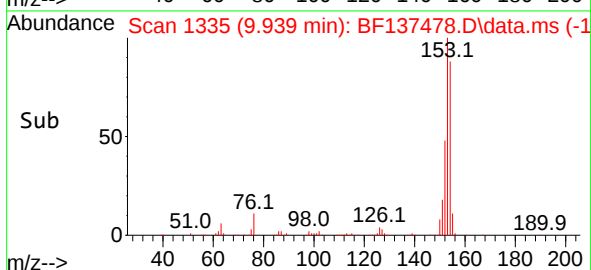
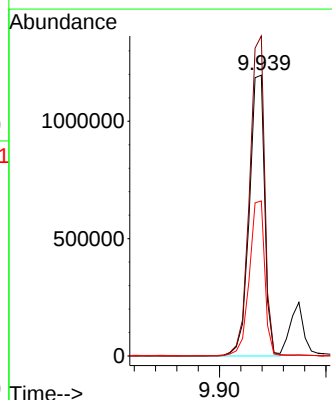
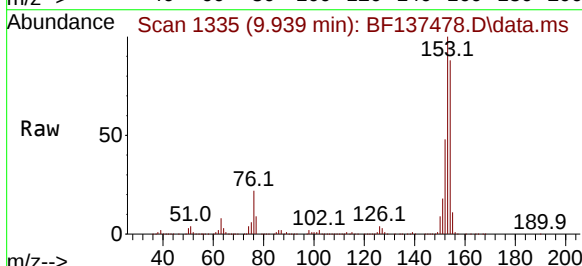
Tgt Ion:154 Resp: 1203452

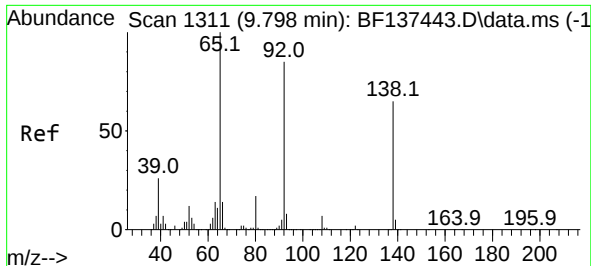
Ion Ratio Lower Upper

154 100

153 113.9 90.3 135.5

152 55.2 42.7 64.1

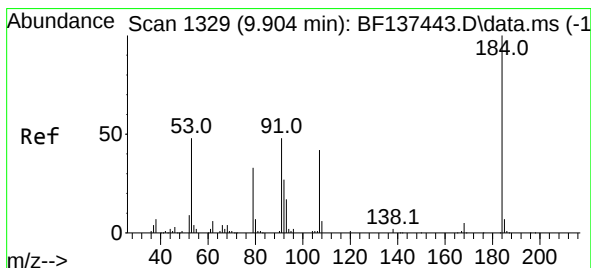
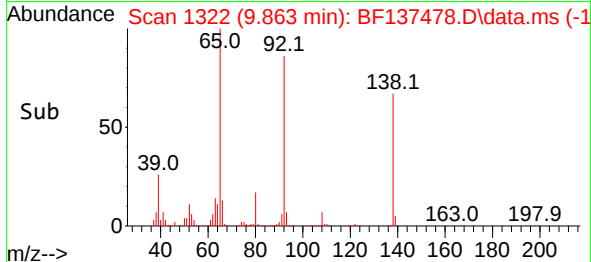
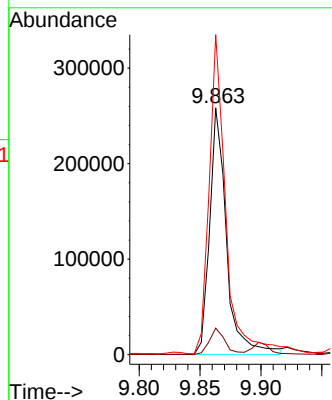
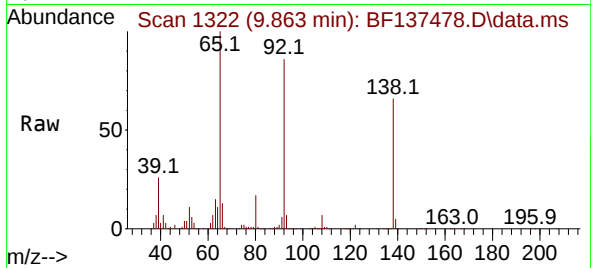




#53
3-Nitroaniline
Concen: 30.816 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

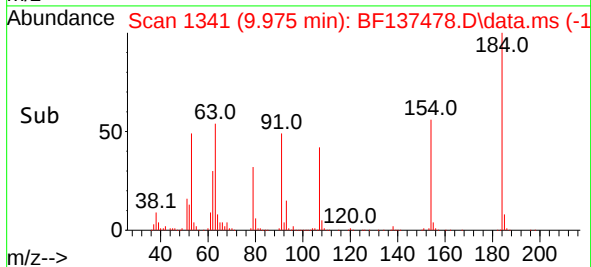
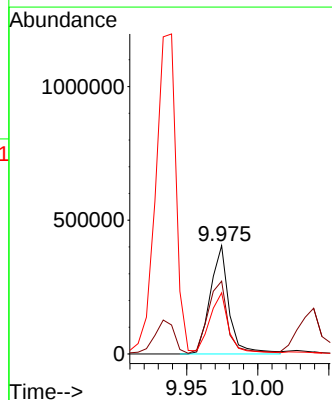
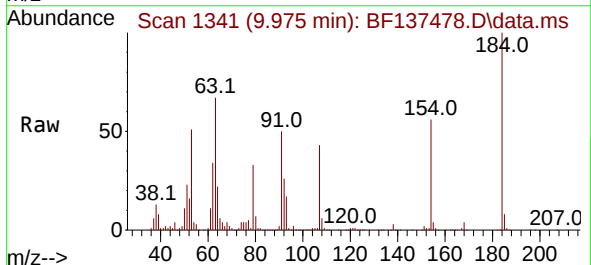
Instrument :
BNA_F
ClientSampleId :
PB159412BS

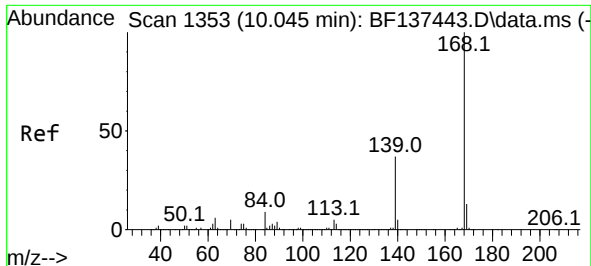
Tgt Ion:138 Resp: 247387
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 129.6 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 98.855 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:184 Resp: 373940
Ion Ratio Lower Upper
184 100
63 67.2 53.3 79.9
154 56.3 47.4 71.0

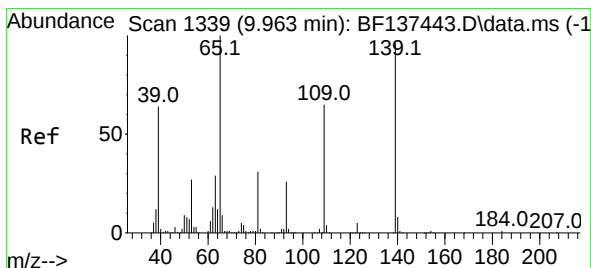
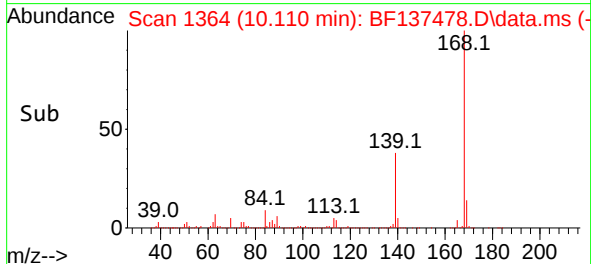
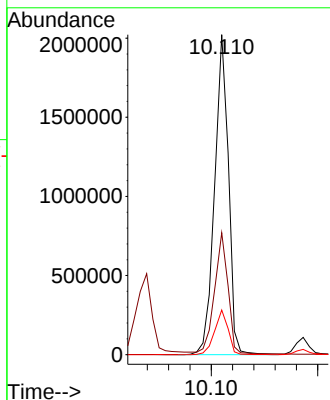
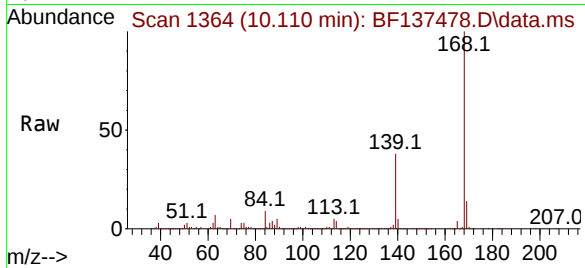




#55
Dibenzenofuran
Concen: 42.935 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

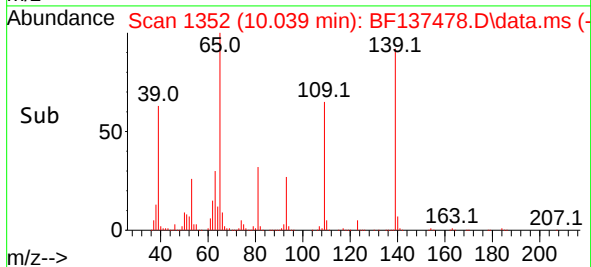
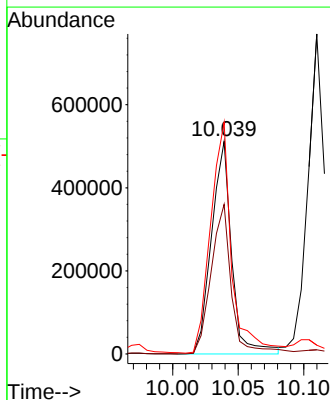
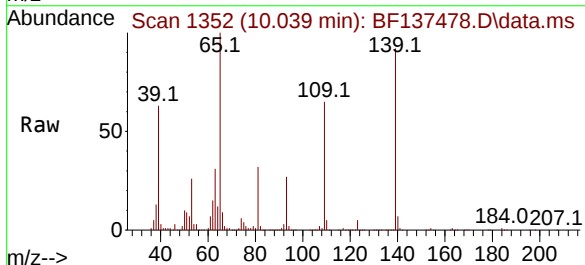
Instrument :
BNA_F
ClientSampleId :
PB159412BS

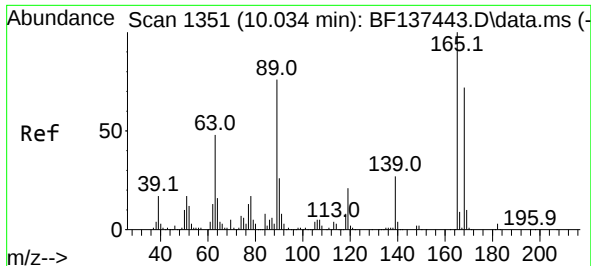
Tgt Ion:168 Resp: 1817337
Ion Ratio Lower Upper
168 100
139 38.1 29.8 44.6
169 14.0 10.8 16.2



#56
4-Nitrophenol
Concen: 94.970 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.018 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:139 Resp: 547540
Ion Ratio Lower Upper
139 100
109 70.4 47.1 87.1
65 109.0 85.1 125.1

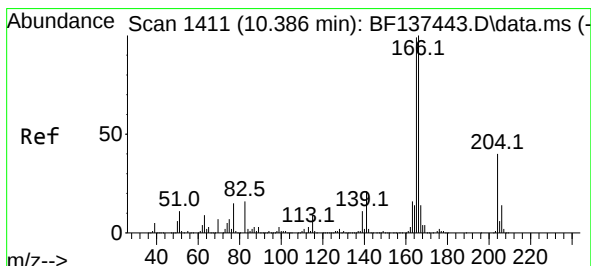
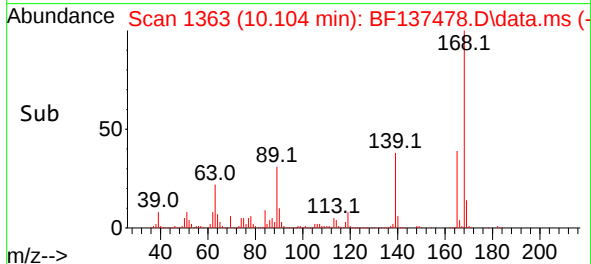
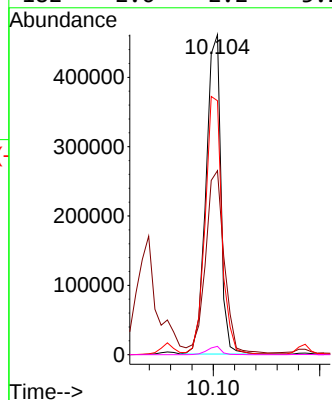
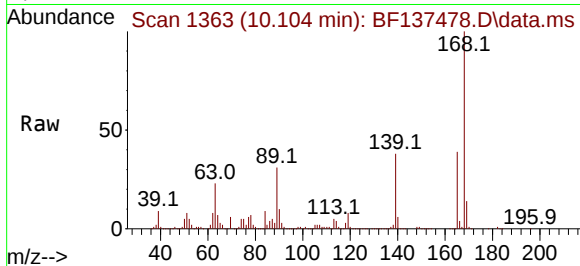




#57
2,4-Dinitrotoluene
Concen: 47.890 ng
RT: 10.104 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

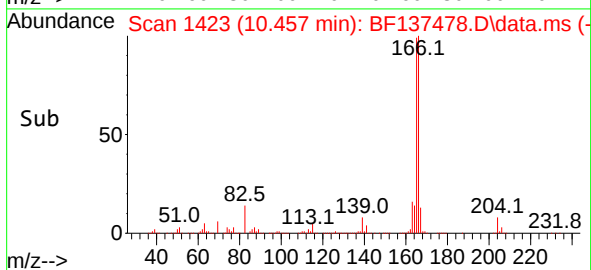
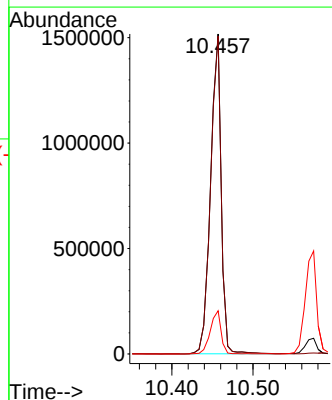
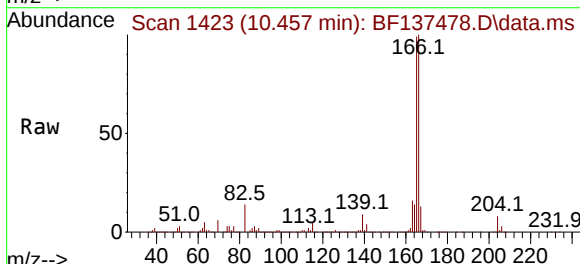
Instrument :
BNA_F
ClientSampleId :
PB159412BS

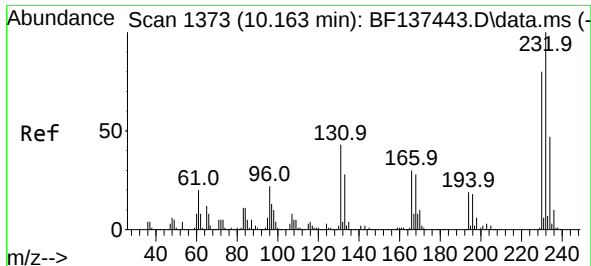
Tgt Ion:165 Resp: 446540
Ion Ratio Lower Upper
165 100
63 57.5 39.0 58.6
89 79.3 60.9 91.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 42.155 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:166 Resp: 1370312
Ion Ratio Lower Upper
166 100
165 99.4 79.2 118.8
167 13.5 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.633 ng

RT: 10.228 min Scan# 1403

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

Tgt Ion:232 Resp: 416983

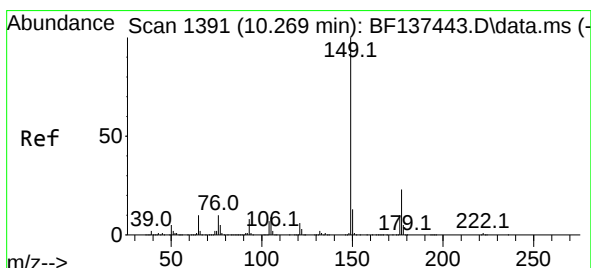
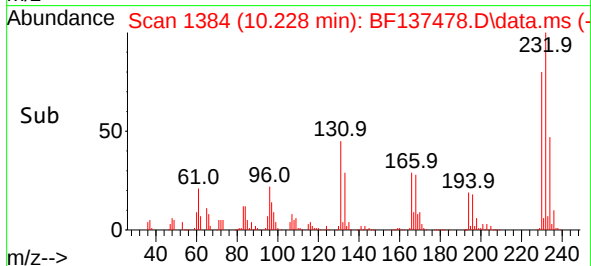
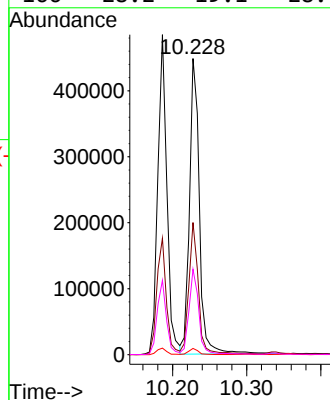
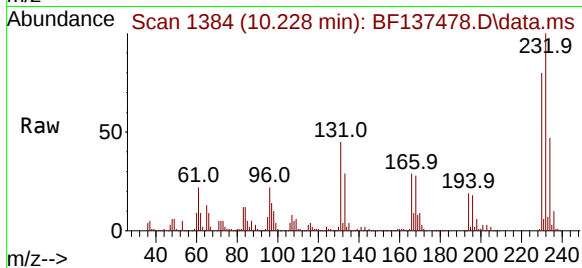
Ion Ratio Lower Upper

232 100

131 42.6 31.2 46.8

130 2.1 1.8 2.6

166 28.2 19.1 28.7



#60

Diethylphthalate

Concen: 45.012 ng

RT: 10.339 min Scan# 1403

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

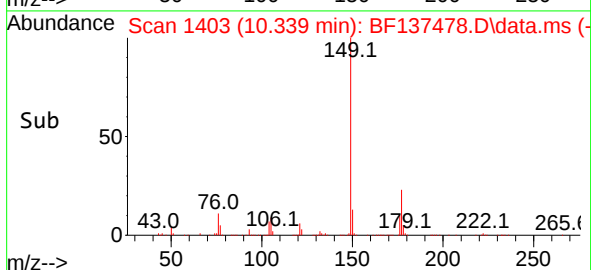
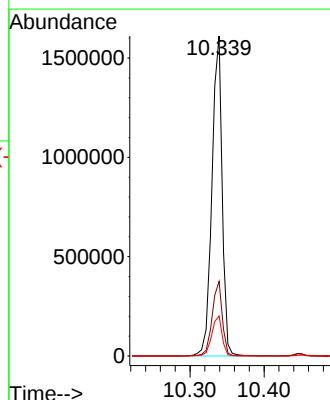
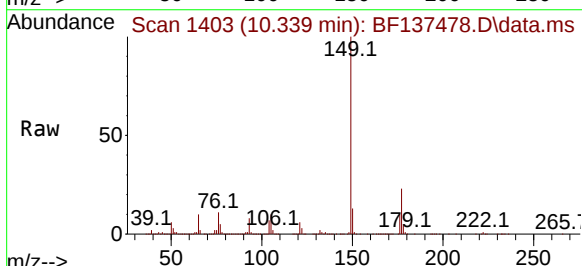
Tgt Ion:149 Resp: 1542356

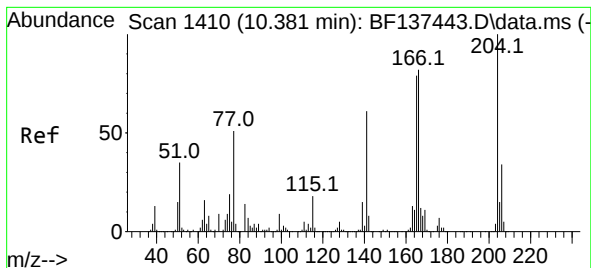
Ion Ratio Lower Upper

149 100

177 23.3 18.7 28.1

150 12.5 10.2 15.4

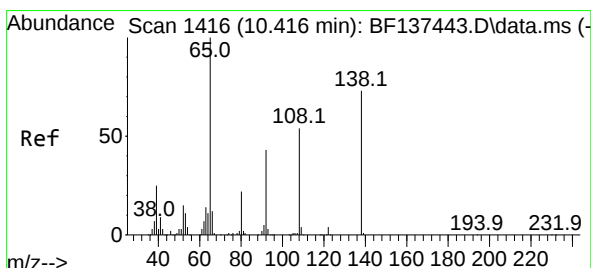
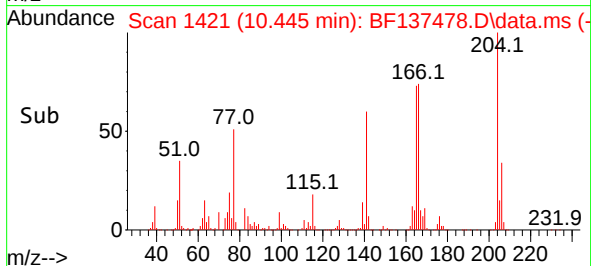
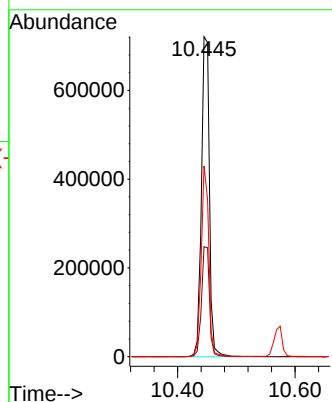
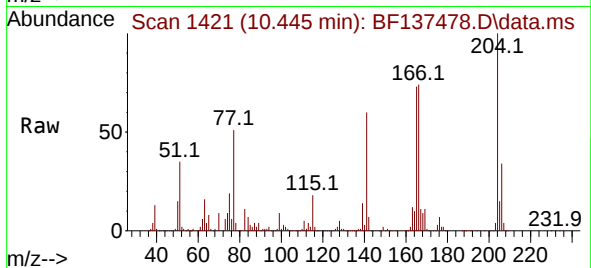




#61
4-Chlorophenyl-phenylether
Concen: 42.541 ng
RT: 10.445 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

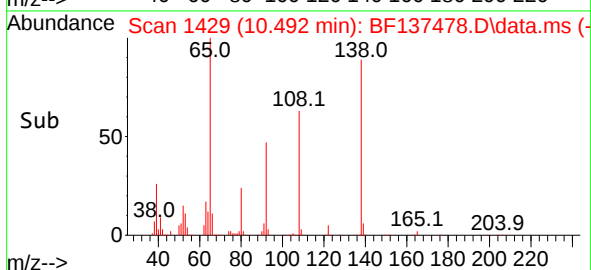
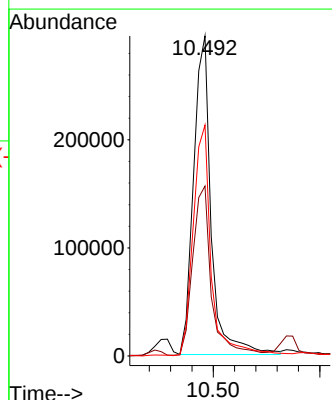
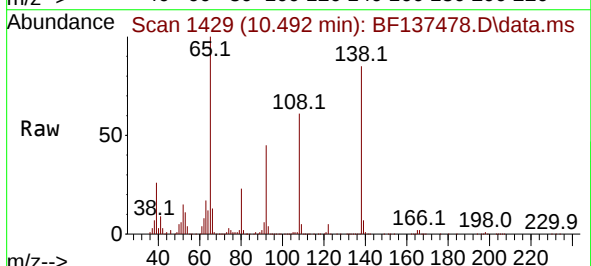
Instrument :
BNA_F
ClientSampleId :
PB159412BS

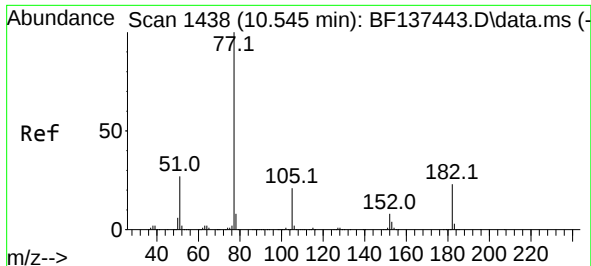
Tgt Ion:204 Resp: 677727
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.0
141 59.6 48.4 72.6



#62
4-Nitroaniline
Concen: 49.094 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:138 Resp: 338734
Ion Ratio Lower Upper
138 100
92 53.1 37.9 77.9
108 72.2 53.2 93.2

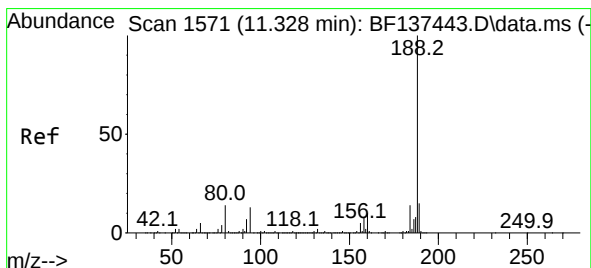
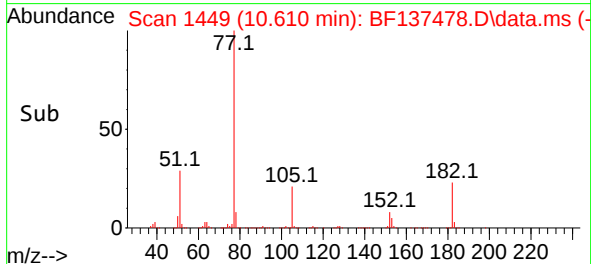
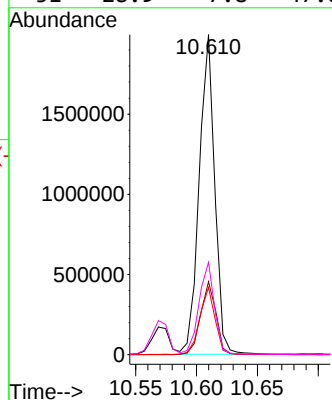
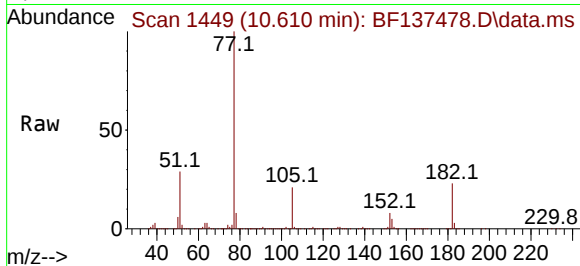




#63
Azobenzene
Concen: 44.899 ng
RT: 10.610 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

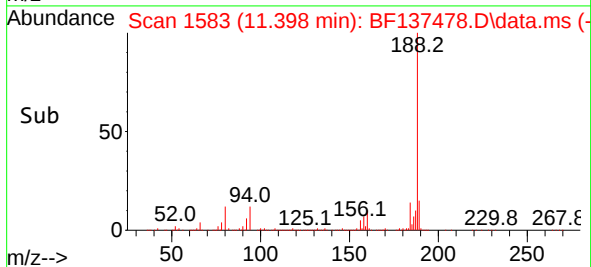
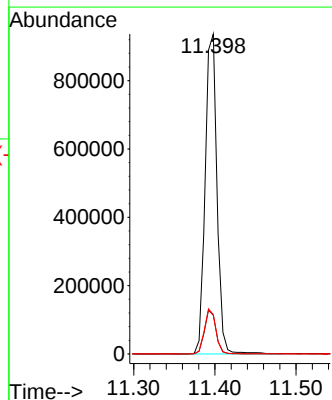
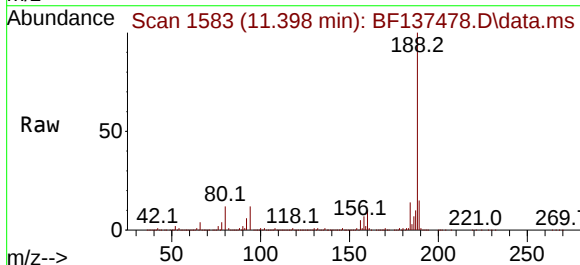
Instrument :
BNA_F
ClientSampleId :
PB159412BS

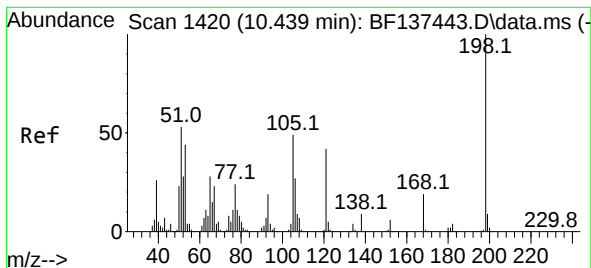
Tgt Ion: 77 Resp: 1771568
Ion Ratio Lower Upper
77 100
182 22.8 3.2 43.2
105 21.0 1.2 41.2
51 28.9 7.8 47.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion: 188 Resp: 944911
Ion Ratio Lower Upper
188 100
94 12.1 10.6 15.8
80 12.3 11.5 17.3

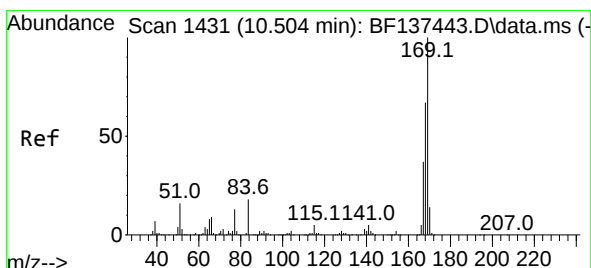
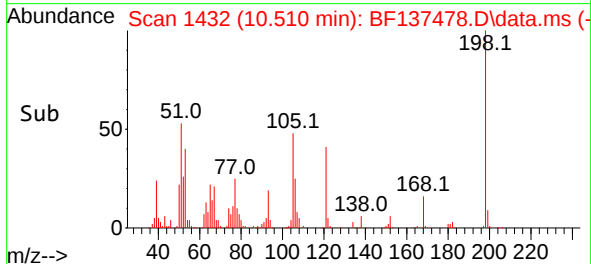
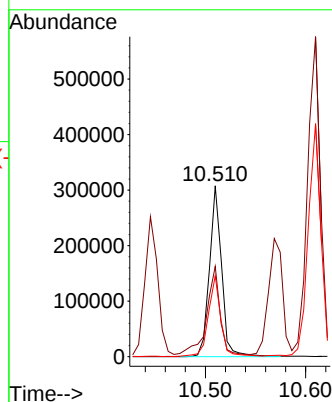
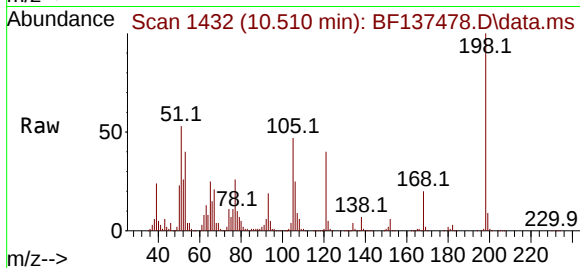




#65
4,6-Dinitro-2-methylphenol
Concen: 49.445 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

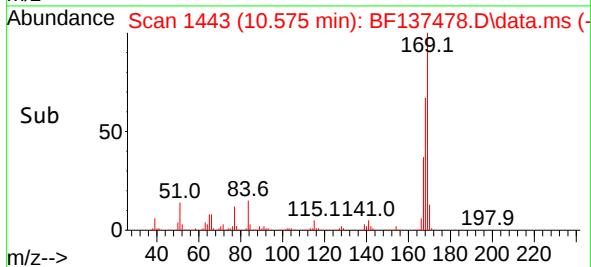
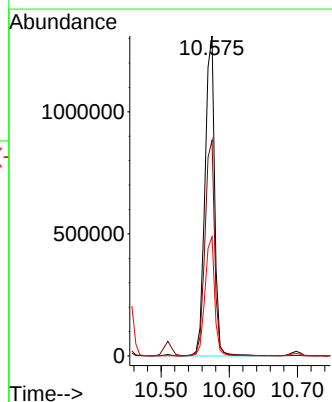
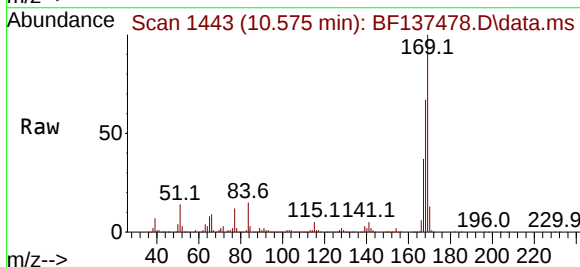
Instrument :
BNA_F
ClientSampleId :
PB159412BS

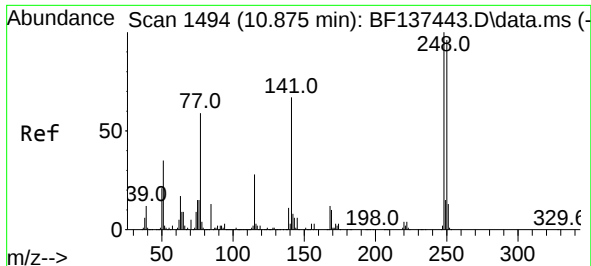
Tgt Ion:198 Resp: 260401
Ion Ratio Lower Upper
198 100
51 52.8 37.2 77.2
105 47.2 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.342 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:169 Resp: 1288363
Ion Ratio Lower Upper
169 100
168 67.4 53.8 80.6
167 37.3 29.6 44.4

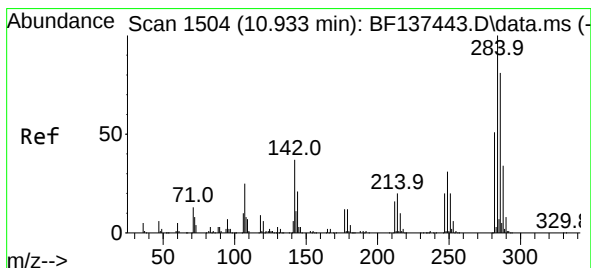
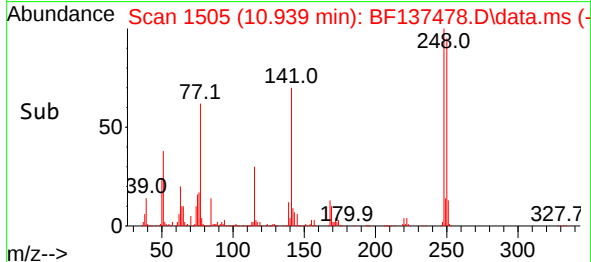
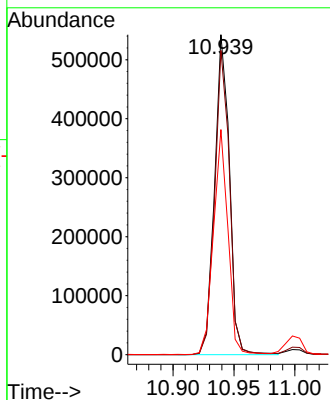
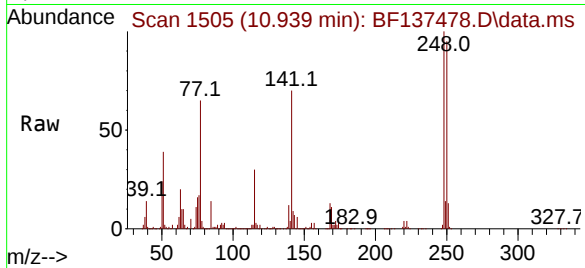




#67
4-Bromophenyl-phenylether
Concen: 44.829 ng
RT: 10.939 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

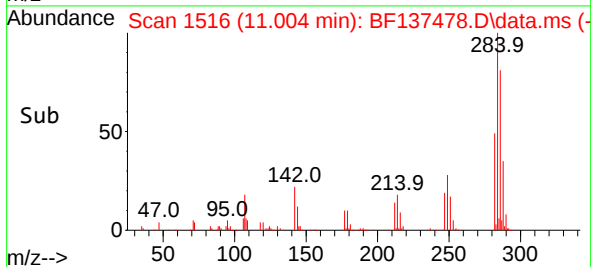
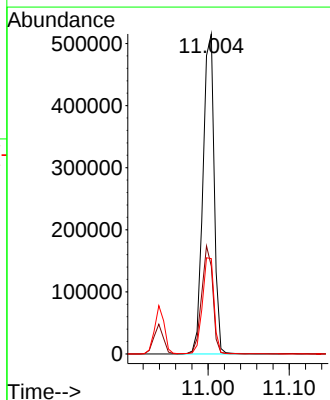
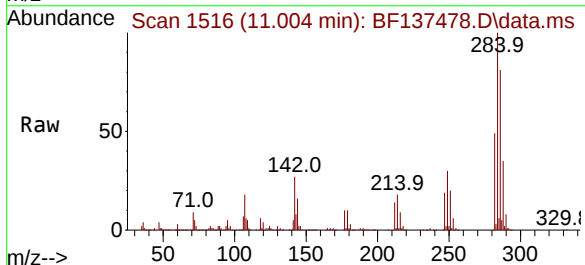
Instrument :
BNA_F
ClientSampleId :
PB159412BS

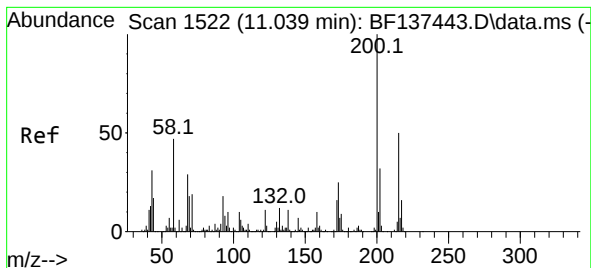
Tgt Ion:248 Resp: 461370
Ion Ratio Lower Upper
248 100
250 95.1 76.8 115.2
141 70.4 53.4 80.0



#68
Hexachlorobenzene
Concen: 47.501 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.012 min
Lab File: BF137478.D
Acq: 04 Mar 2024 13:46

Tgt Ion:284 Resp: 493766
Ion Ratio Lower Upper
284 100
142 27.4 29.4 44.0#
249 29.8 25.0 37.4





#69

Atrazine

Concen: 42.058 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

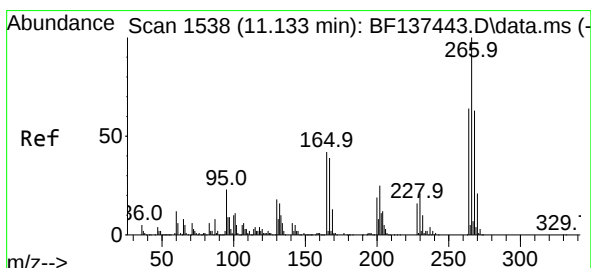
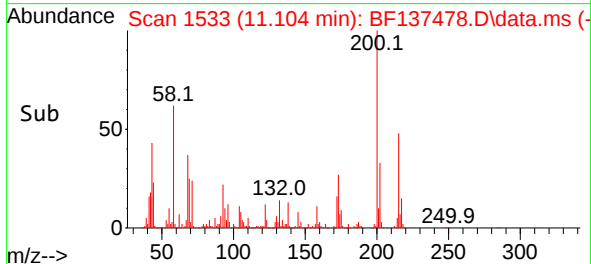
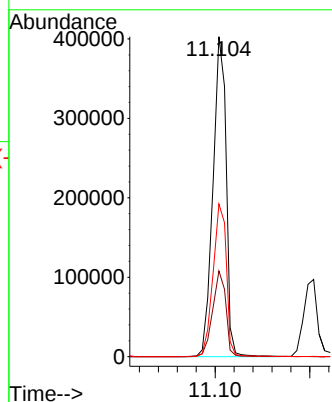
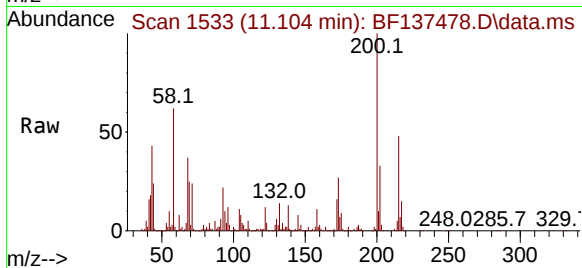
Tgt Ion:200 Resp: 389033

Ion Ratio Lower Upper

200 100

173 26.8 5.1 45.1

215 47.7 30.4 70.4



#70

Pentachlorophenol

Concen: 90.045 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

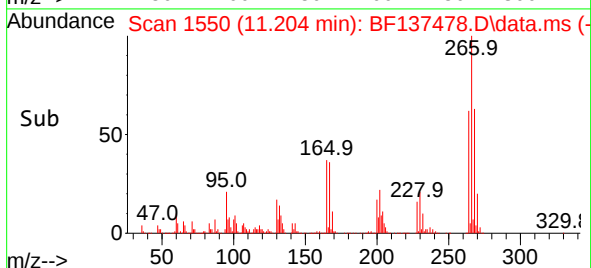
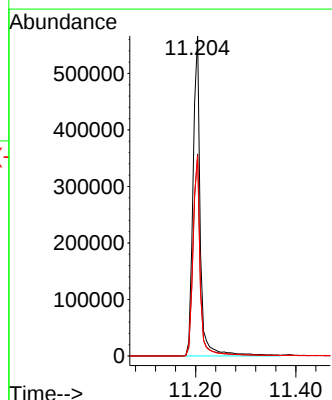
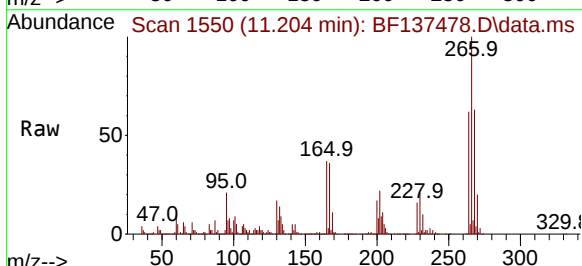
Tgt Ion:266 Resp: 565834

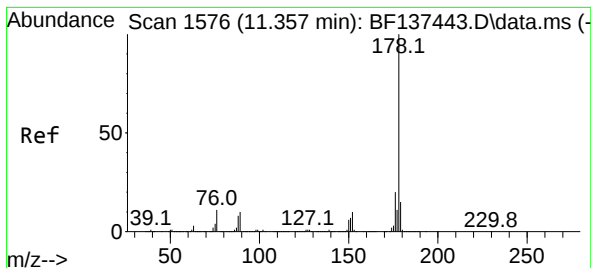
Ion Ratio Lower Upper

266 100

268 63.2 50.2 75.2

264 62.4 50.9 76.3





#71

Phenanthrene

Concen: 42.723 ng

RT: 11.422 min Scan# 1587

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

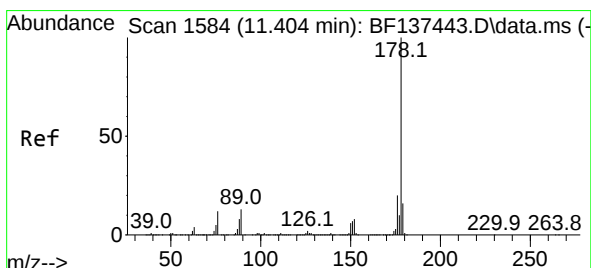
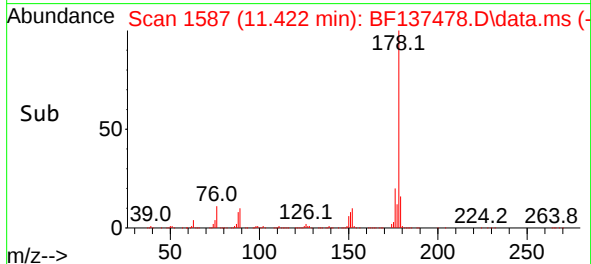
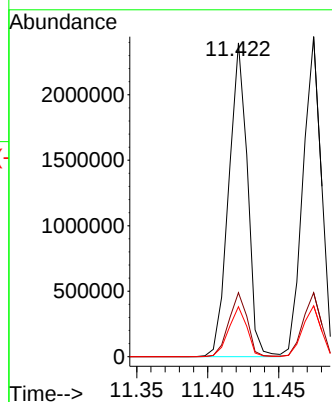
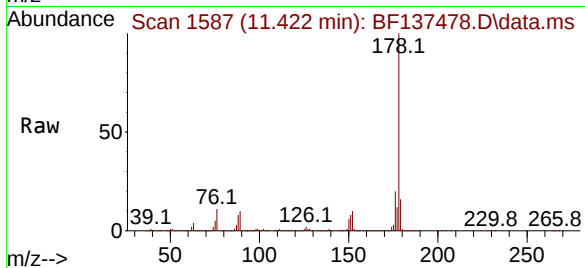
Tgt Ion:178 Resp: 2196965

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.8

179 15.9 12.2 18.2



#72

Anthracene

Concen: 42.070 ng

RT: 11.475 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

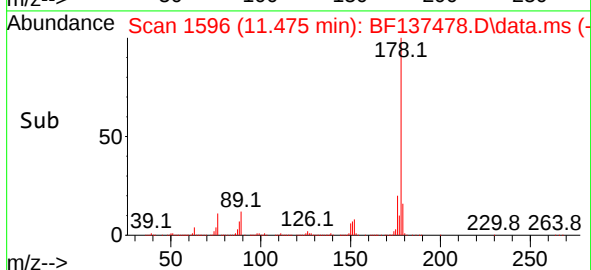
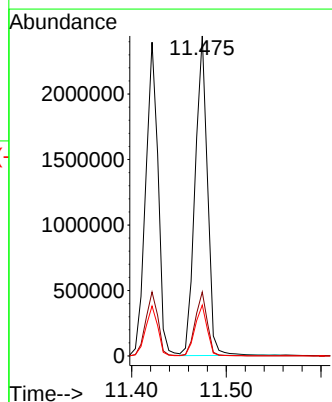
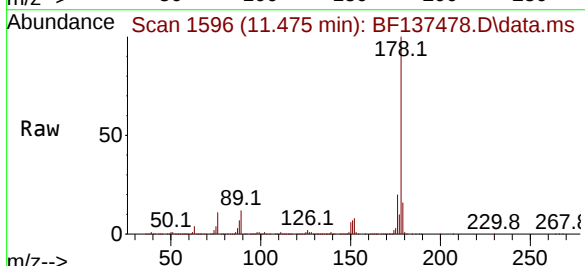
Tgt Ion:178 Resp: 2221937

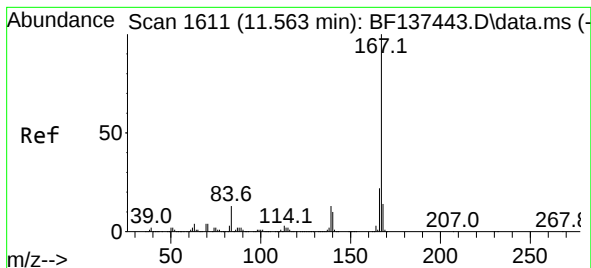
Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

179 15.9 12.7 19.1





#73

Carbazole

Concen: 44.966 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

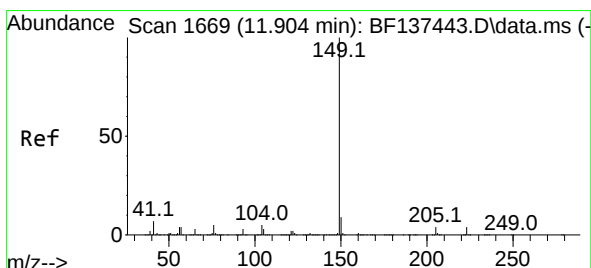
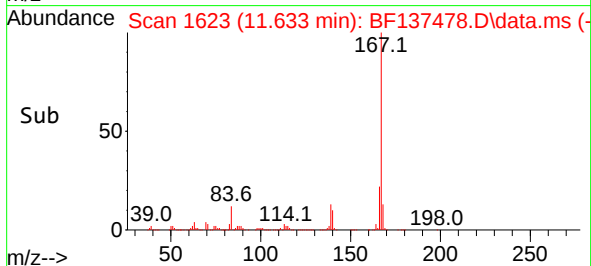
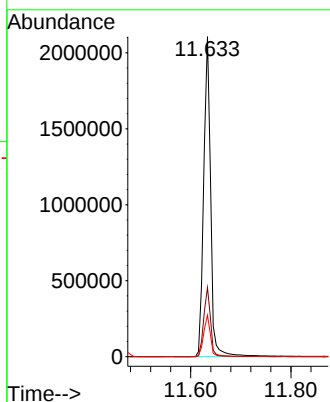
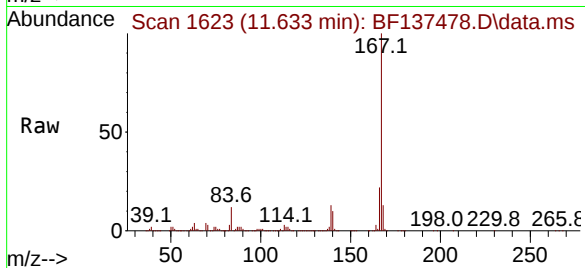
Tgt Ion:167 Resp: 2034254

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.8

139 13.0 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.464 ng

RT: 11.969 min Scan# 1680

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

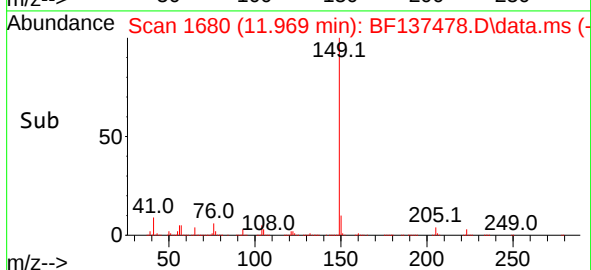
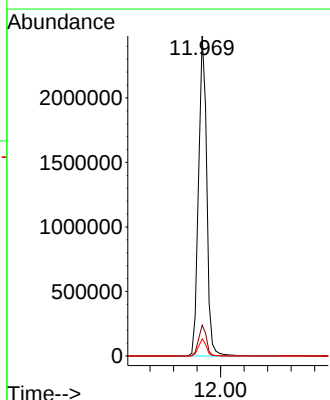
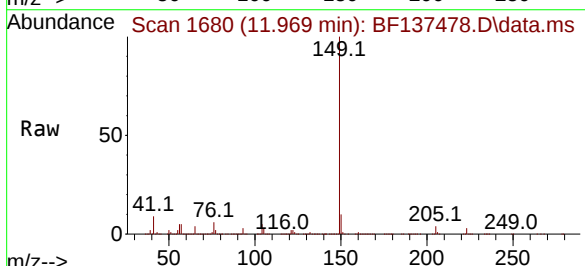
Tgt Ion:149 Resp: 2393273

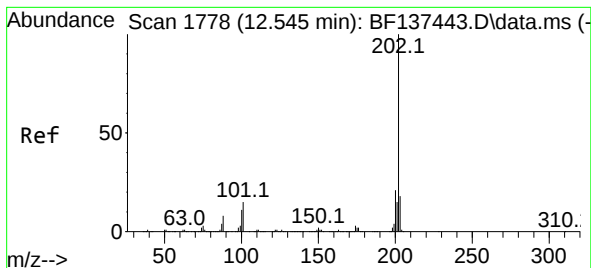
Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

104 5.3 3.8 5.6





#75

Fluoranthene

Concen: 44.936 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

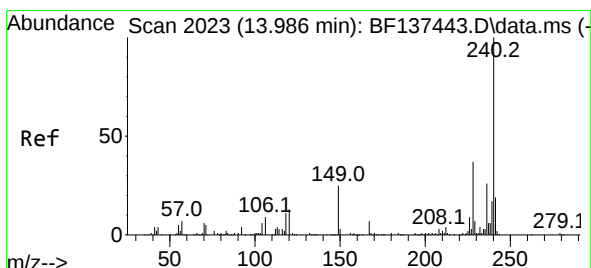
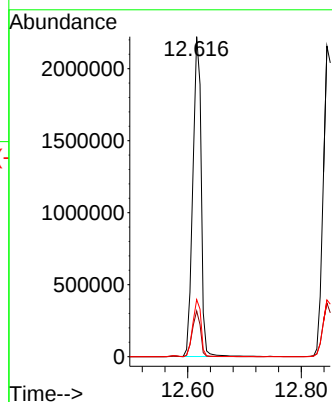
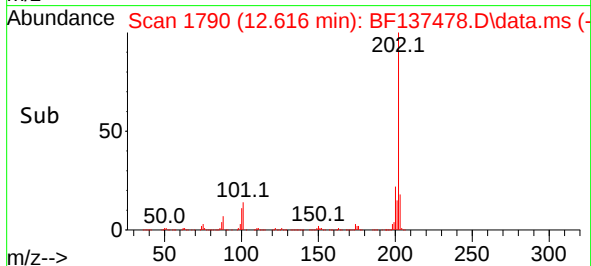
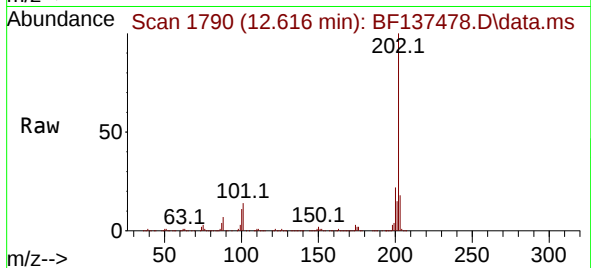
Tgt Ion:202 Resp: 2258762

Ion Ratio Lower Upper

202 100

101 14.3 0.0 35.0

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

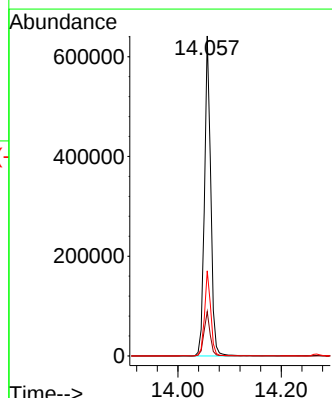
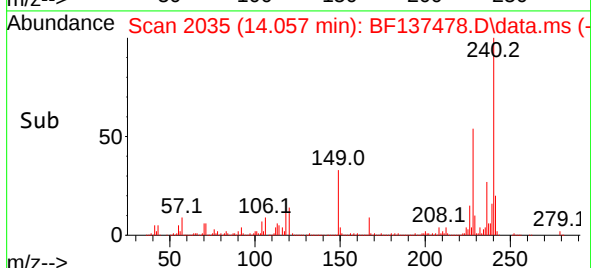
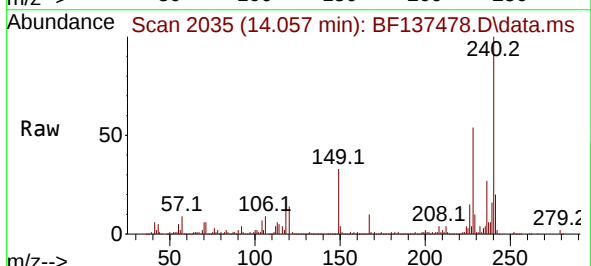
Tgt Ion:240 Resp: 538550

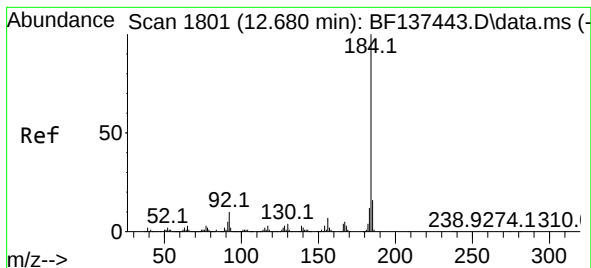
Ion Ratio Lower Upper

240 100

120 13.8 10.4 15.6

236 26.6 20.9 31.3





#77

Benzidine

Concen: 19.704 ng

RT: 12.751 min Scan# 1813

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

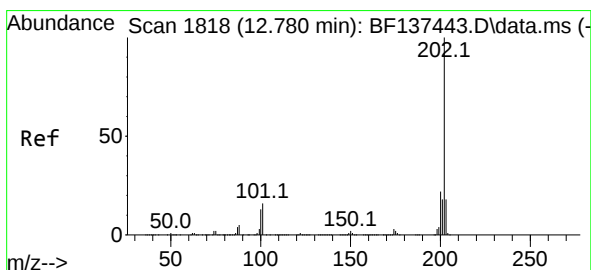
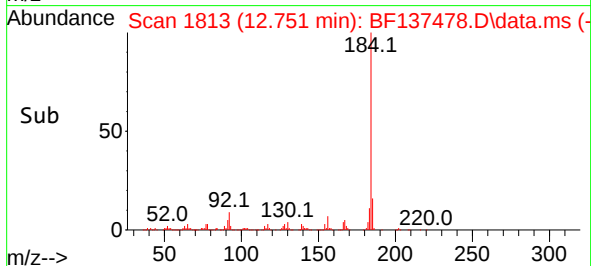
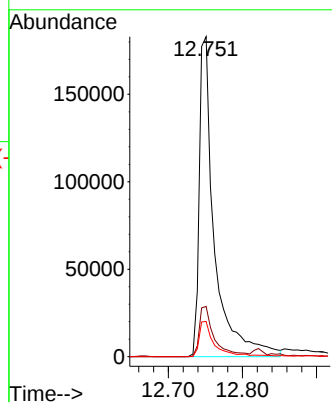
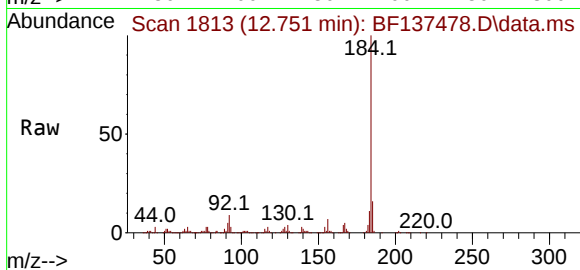
Tgt Ion:184 Resp: 259687

Ion Ratio Lower Upper

184 100

185 15.7 13.2 19.8

183 11.0 9.3 13.9



#78

Pyrene

Concen: 43.295 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

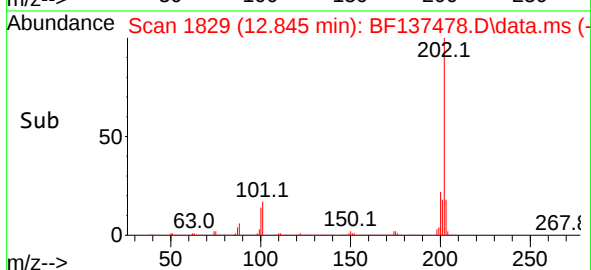
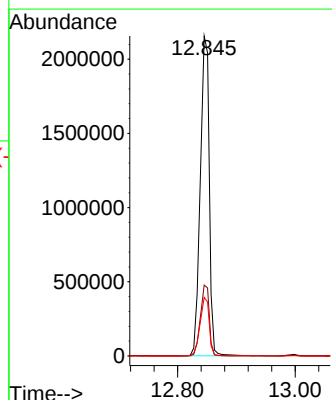
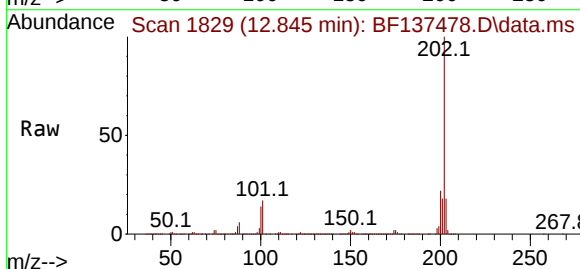
Tgt Ion:202 Resp: 2287884

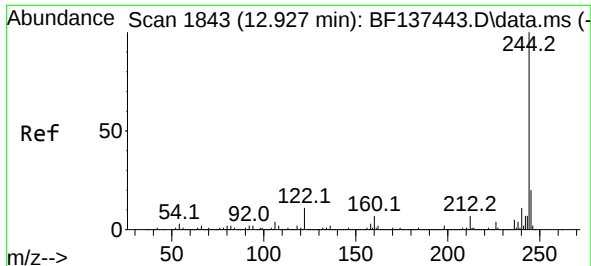
Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

203 18.3 14.1 21.1

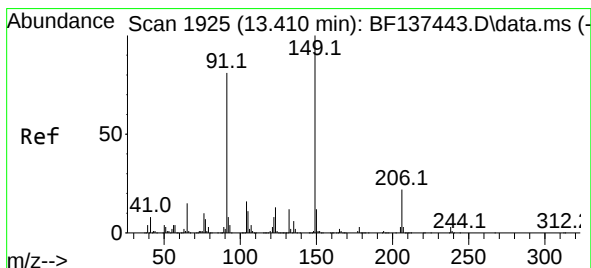
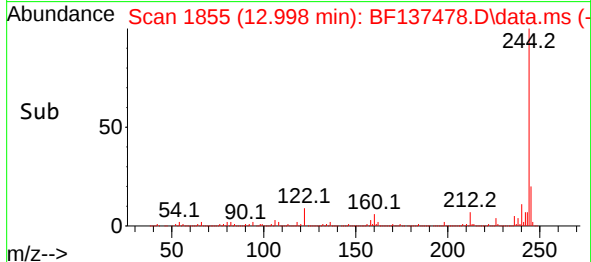
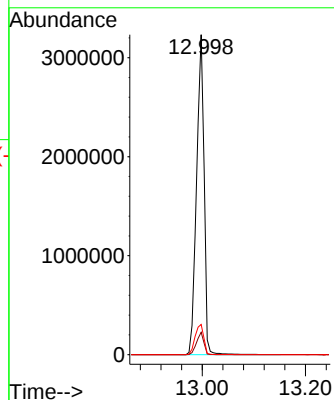
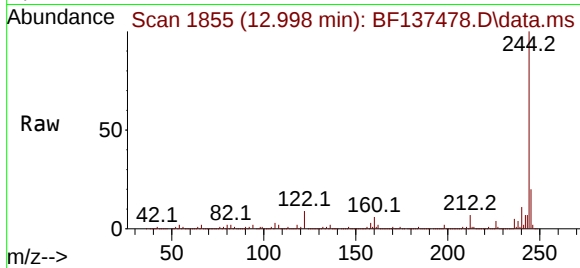




#79
 Terphenyl-d14
 Concen: 83.382 ng
 RT: 12.998 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF137478.D
 Acq: 04 Mar 2024 13:46

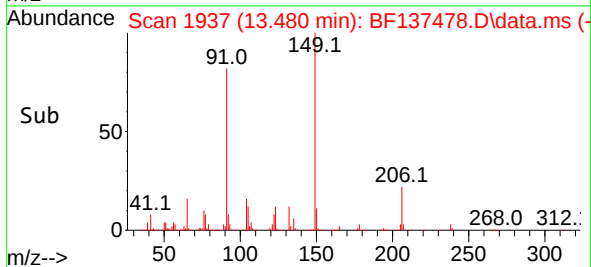
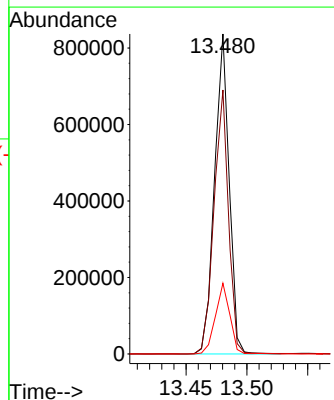
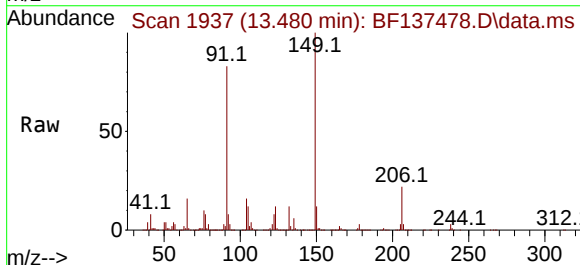
Instrument :
 BNA_F
 ClientSampleId :
 PB159412BS

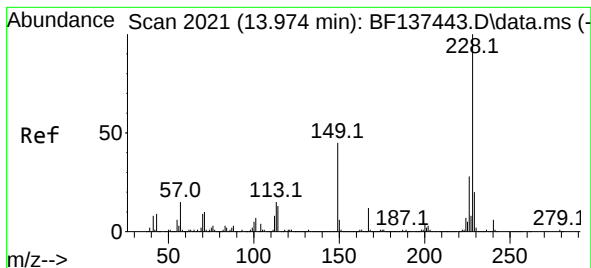
Tgt Ion:244 Resp: 3265580
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 9.5 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 51.643 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.012 min
 Lab File: BF137478.D
 Acq: 04 Mar 2024 13:46

Tgt Ion:149 Resp: 696953
 Ion Ratio Lower Upper
 149 100
 91 82.5 64.7 97.1
 206 22.1 17.5 26.3





#81

Benzo(a)anthracene

Concen: 44.915 ng

RT: 14.045 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

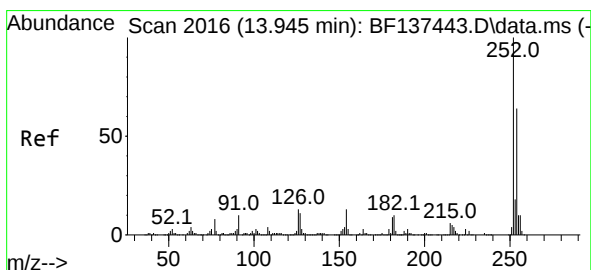
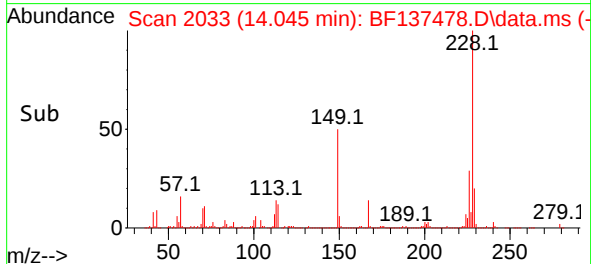
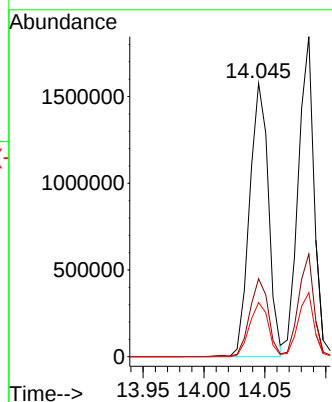
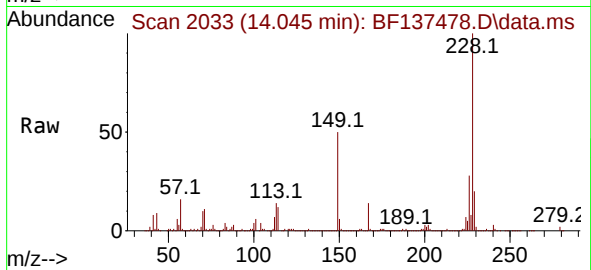
Tgt Ion:228 Resp: 1695379

Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

229 19.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 39.946 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

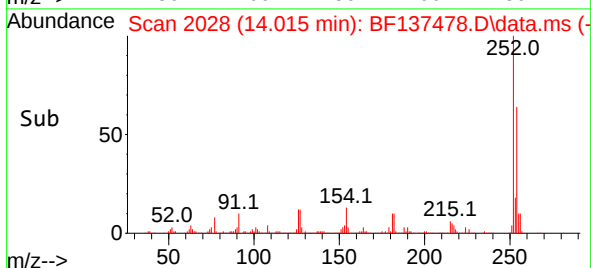
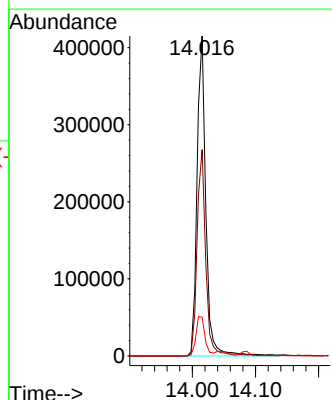
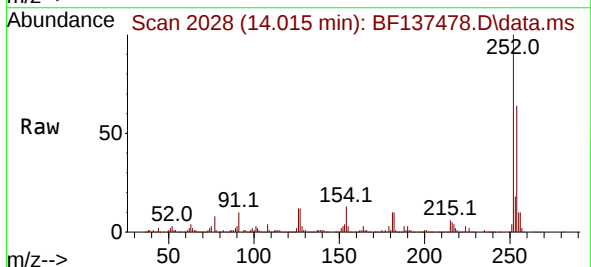
Tgt Ion:252 Resp: 401535

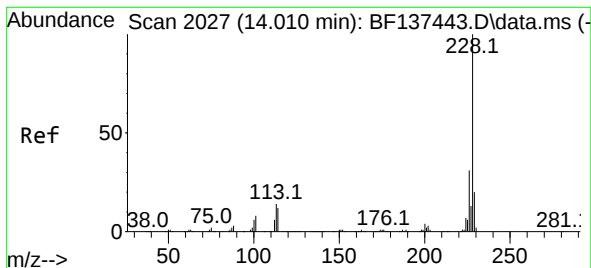
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 12.2 10.4 15.6





#83

Chrysene

Concen: 44.728 ng

RT: 14.086 min Scan# 2040

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

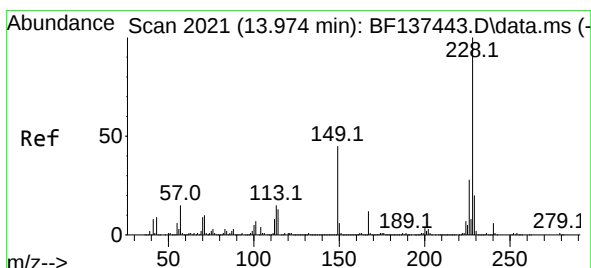
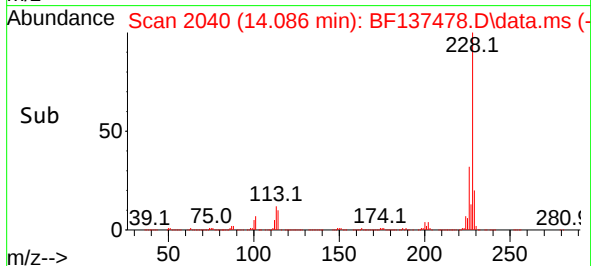
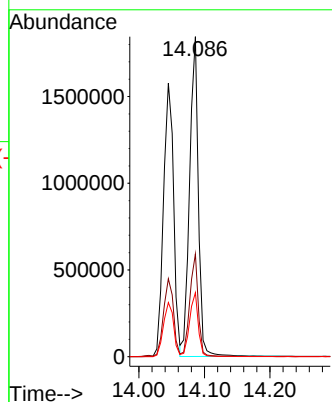
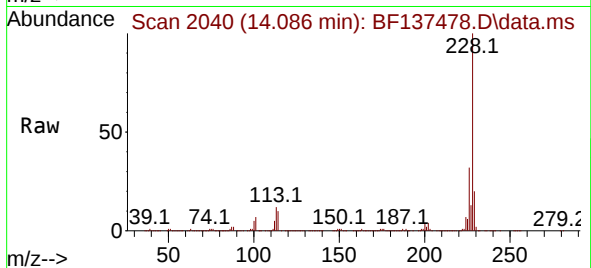
Tgt Ion:228 Resp: 1706367

Ion Ratio Lower Upper

228 100

226 32.1 24.7 37.1

229 20.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.705 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

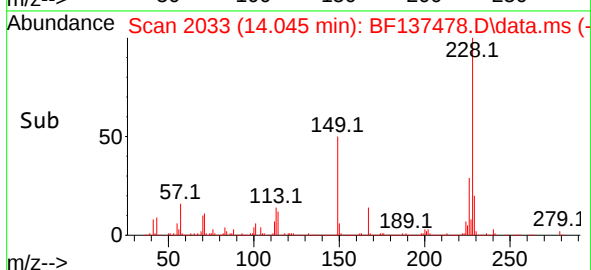
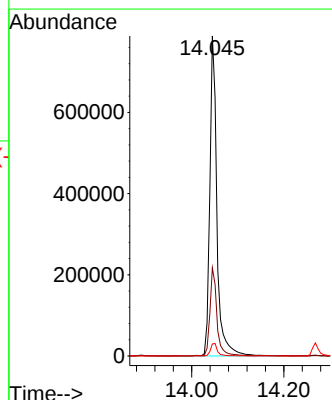
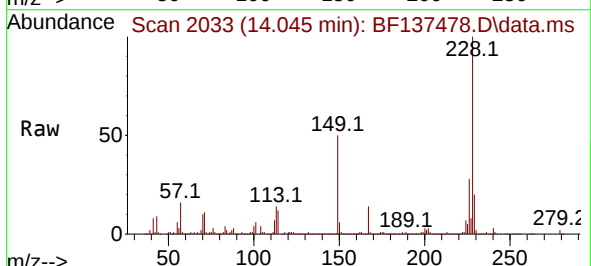
Tgt Ion:149 Resp: 852609

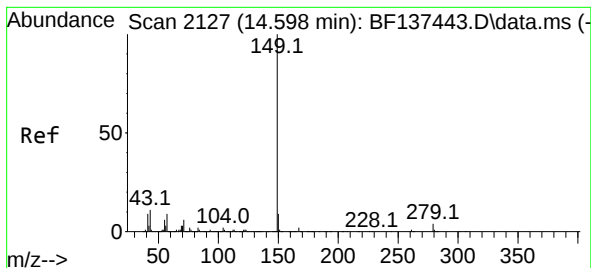
Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

279 3.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 45.139 ng

RT: 14.674 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

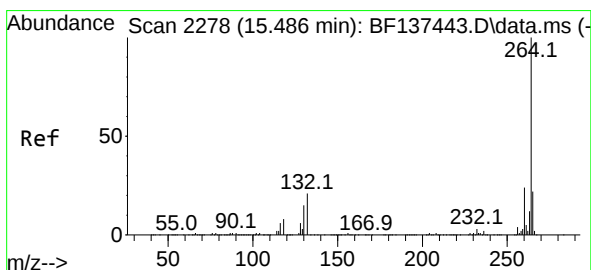
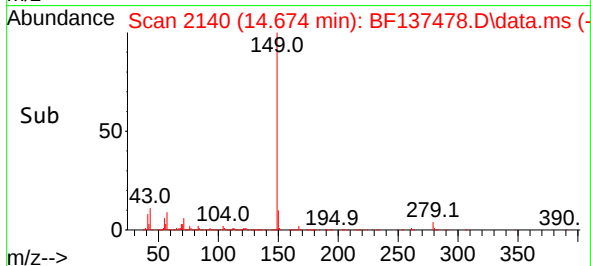
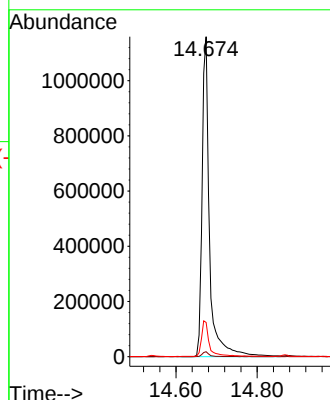
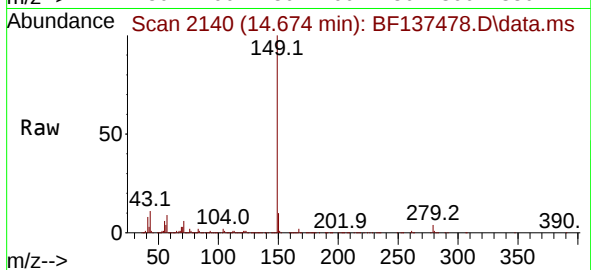
Tgt Ion:149 Resp: 1479737

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

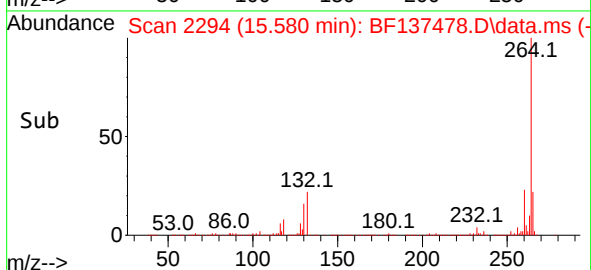
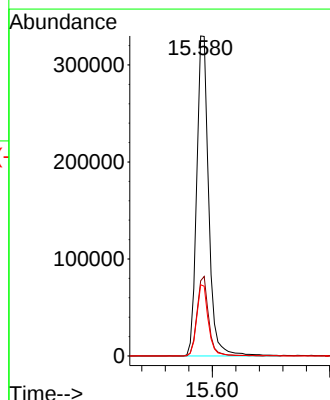
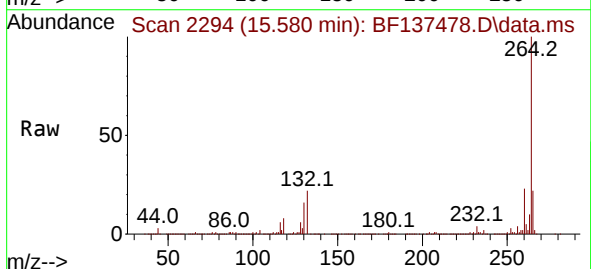
Tgt Ion:264 Resp: 466016

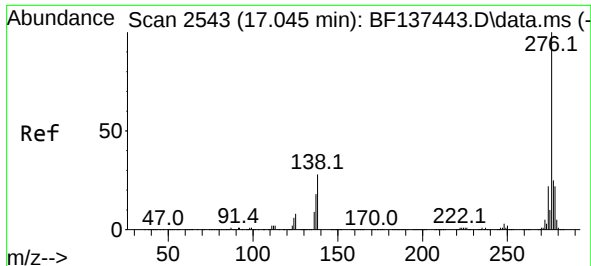
Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 22.2 17.4 26.0

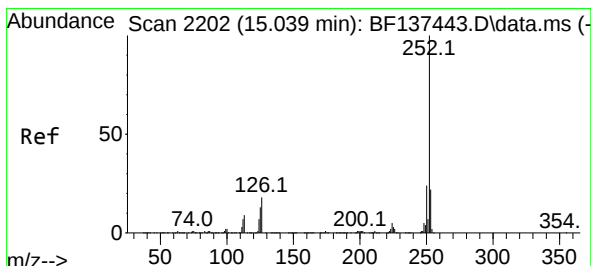
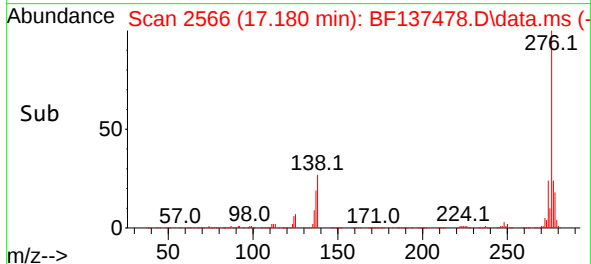
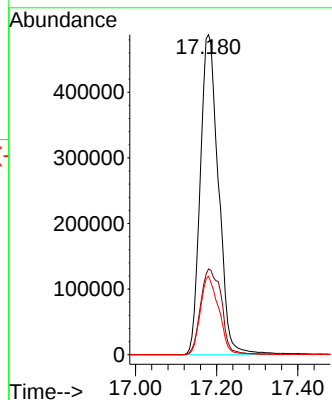
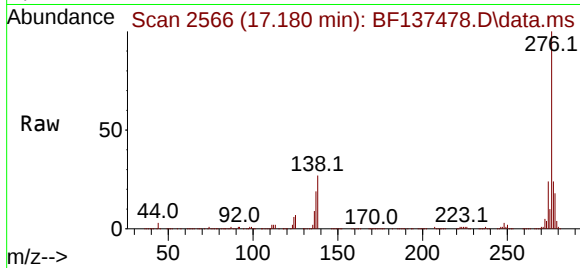




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.532 ng
 RT: 17.180 min Scan# 211
 Delta R.T. 0.024 min
 Lab File: BF137478.D
 Acq: 04 Mar 2024 13:46

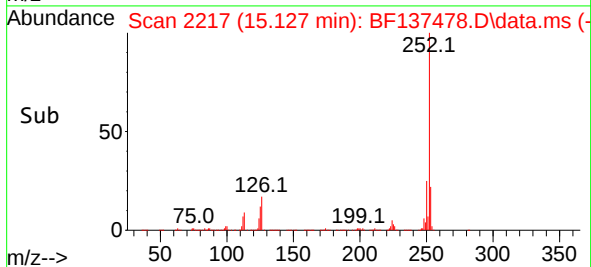
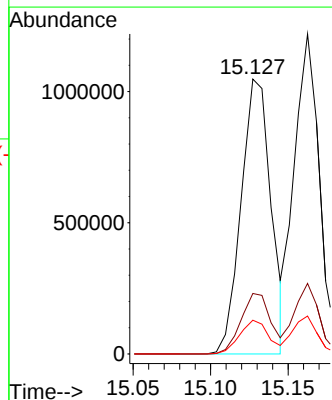
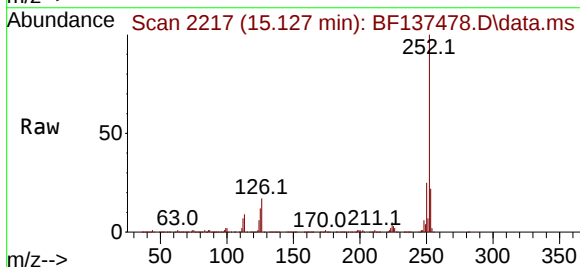
Instrument :
 BNA_F
 ClientSampleId :
 PB159412BS

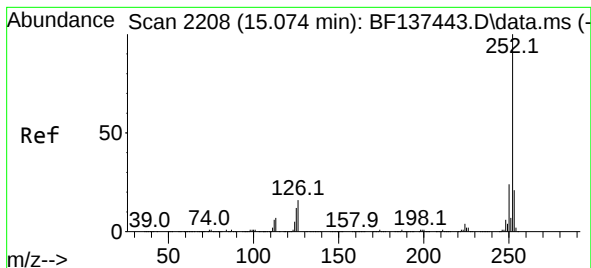
Tgt Ion:276 Resp: 1519002
 Ion Ratio Lower Upper
 276 100
 138 30.8 25.8 38.8
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 51.010 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. 0.012 min
 Lab File: BF137478.D
 Acq: 04 Mar 2024 13:46

Tgt Ion:252 Resp: 1406163
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 12.3 10.1 15.1





#89

Benzo(k)fluoranthene

Concen: 47.846 ng

RT: 15.162 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

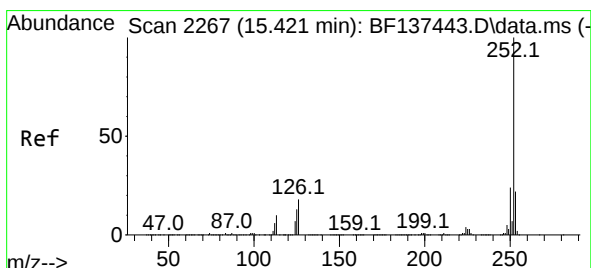
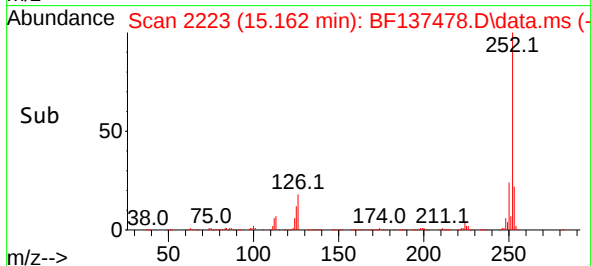
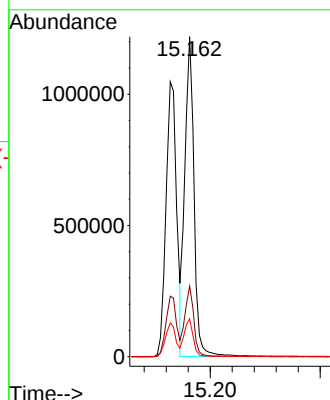
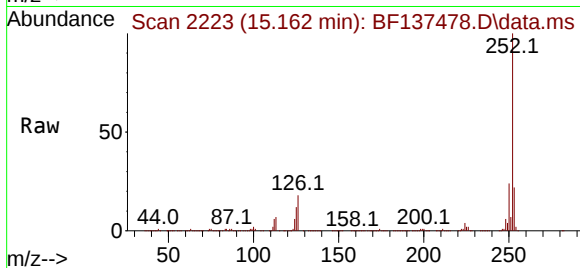
Tgt Ion:252 Resp: 1416693

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.8 9.6 14.4



#90

Benzo(a)pyrene

Concen: 47.333 ng

RT: 15.521 min Scan# 2284

Delta R.T. 0.018 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

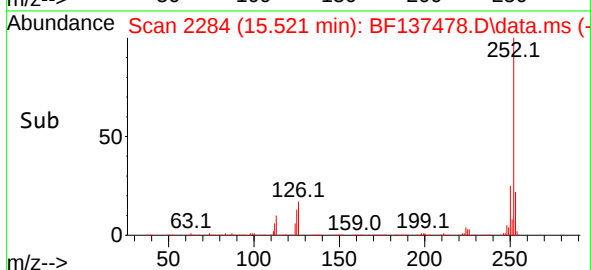
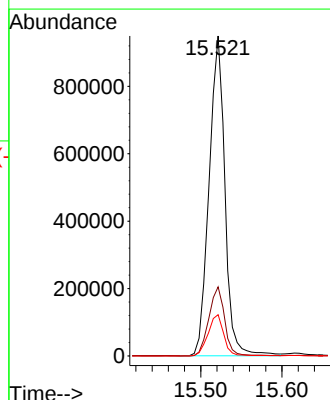
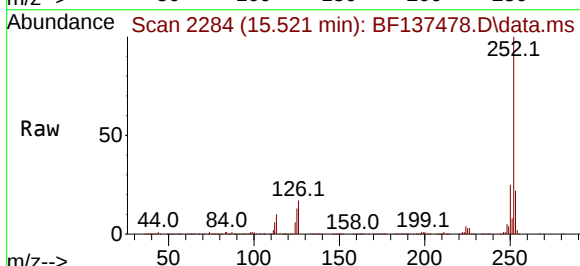
Tgt Ion:252 Resp: 1285834

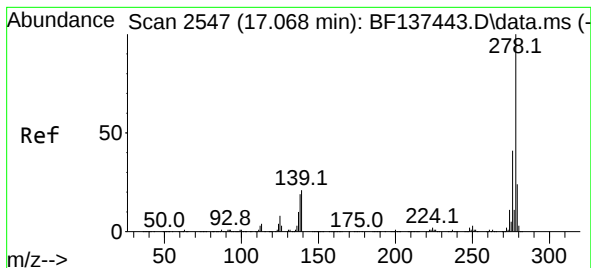
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 12.9 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 49.407 ng

RT: 17.209 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Instrument :

BNA_F

ClientSampleId :

PB159412BS

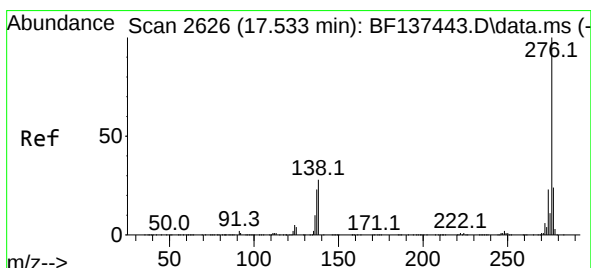
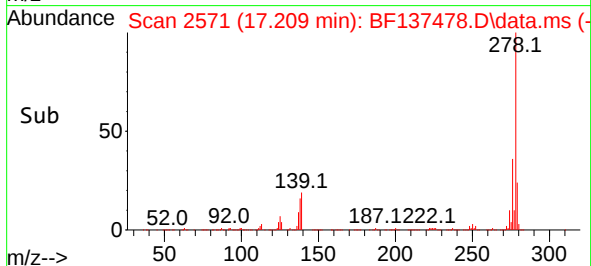
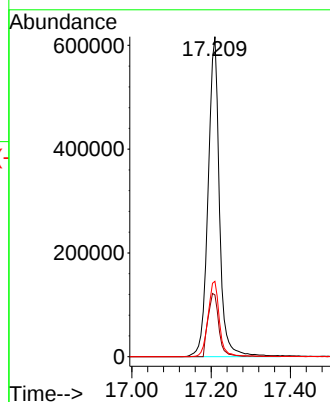
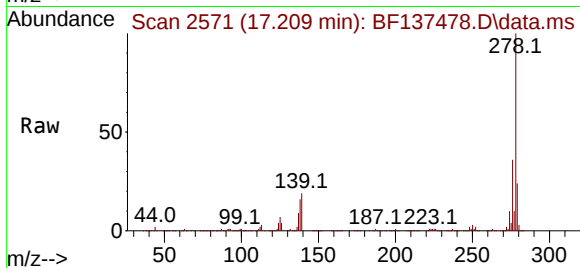
Tgt Ion:278 Resp: 1229107

Ion Ratio Lower Upper

278 100

139 19.3 17.0 25.6

279 23.6 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 48.668 ng

RT: 17.668 min Scan# 2649

Delta R.T. 0.030 min

Lab File: BF137478.D

Acq: 04 Mar 2024 13:46

Tgt Ion:276 Resp: 1243396

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 26.4 22.2 33.2

