

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137528.D
 Acq On : 07 Mar 2024 14:11
 Operator : CG\JU
 Sample : PB159470BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159470BS

Quant Time: Mar 07 14:32:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	248652	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	1034407	20.000	ng	0.01
39) Acenaphthene-d10	9.904	164	571707	20.000	ng	0.01
64) Phenanthrene-d10	11.398	188	1020589	20.000	ng	0.01
76) Chrysene-d12	14.063	240	559047	20.000	ng	0.01
86) Perylene-d12	15.592	264	486116	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2061827	125.586	ng	0.03
7) Phenol-d6	6.522	99	2876462	121.378	ng	0.02
23) Nitrobenzene-d5	7.434	82	1851976	83.188	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	754058	150.193	ng	0.01
45) 2-Fluorobiphenyl	9.228	172	2906457	79.580	ng	0.01
79) Terphenyl-d14	13.004	244	3512674	86.402	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	323217	36.005	ng	99
3) Pyridine	3.587	79	747702	34.536	ng	100
4) n-Nitrosodimethylamine	3.569	42	395917	45.370	ng	96
6) Aniline	6.540	93	719203	24.837	ng	# 82
8) 2-Chlorophenol	6.657	128	838189	48.404	ng	94
9) Benzaldehyde	6.428	77	47683	4.107	ng	94
10) Phenol	6.534	94	1106733	43.389	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	876932	46.916	ng	98
12) 1,3-Dichlorobenzene	6.810	146	839139	45.349	ng	98
13) 1,4-Dichlorobenzene	6.887	146	862307	45.547	ng	99
14) 1,2-Dichlorobenzene	7.034	146	808944	46.552	ng	98
15) Benzyl Alcohol	7.016	79	784145	53.149	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1388221	43.207	ng	93
17) 2-Methylphenol	7.128	107	702898	43.379	ng	97
18) Hexachloroethane	7.369	117	300932	48.274	ng	94
19) n-Nitroso-di-n-propyla...	7.287	70	634452	43.354	ng	97
20) 3+4-Methylphenols	7.281	107	790185	42.580	ng	93
22) Acetophenone	7.275	105	1104286	44.122	ng	# 97
24) Nitrobenzene	7.451	77	979581	43.802	ng	99
25) Isophorone	7.686	82	1884256	44.550	ng	99
26) 2-Nitrophenol	7.763	139	449248	50.598	ng	97
27) 2,4-Dimethylphenol	7.804	122	642933	38.754	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	1106917	44.605	ng	100
29) 2,4-Dichlorophenol	8.004	162	713300	46.847	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	719417	44.899	ng	98
31) Naphthalene	8.169	128	2322366	41.845	ng	100
32) Benzoic acid	7.963	122	472081	49.227	ng	98
33) 4-Chloroaniline	8.216	127	306877	14.101	ng	99
34) Hexachlorobutadiene	8.281	225	416701	44.050	ng	100
35) Caprolactam	8.604	113	138102	26.749	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	806803	47.404	ng	100
37) 2-Methylnaphthalene	8.857	142	1464384	41.389	ng	99
38) 1-Methylnaphthalene	8.957	142	1376335	41.308	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	719570	45.084	ng	99
41) Hexachlorocyclopentadiene	9.010	237	635767	95.794	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	497935	47.908	ng	99

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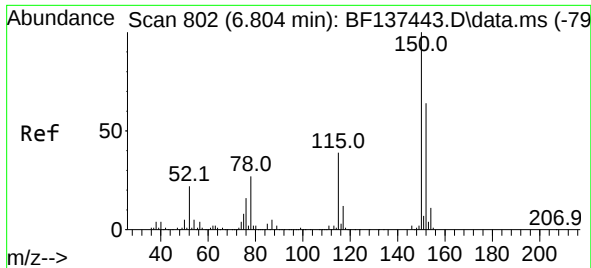
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	522701	43.657	ng	96
46) 1,1'-Biphenyl	9.328	154	1804650	43.128	ng	100
47) 2-Chloronaphthalene	9.351	162	1434422	44.963	ng	99
48) 2-Nitroaniline	9.451	65	542075	49.991	ng	94
49) Acenaphthylene	9.769	152	2254115	44.151	ng	99
50) Dimethylphthalate	9.639	163	1811074	45.507	ng	100
51) 2,6-Dinitrotoluene	9.698	165	403841	48.515	ng	95
52) Acenaphthene	9.939	154	1289944	42.321	ng	99
53) 3-Nitroaniline	9.869	138	288288	32.743	ng	92
54) 2,4-Dinitrophenol	9.980	184	441474	105.782	ng	97
55) Dibenzofuran	10.116	168	1937537	41.736	ng	100
56) 4-Nitrophenol	10.045	139	597640	94.535	ng	100
57) 2,4-Dinitrotoluene	10.104	165	488678	47.784	ng	90
58) Fluorene	10.457	166	1500104	42.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	458038	47.706	ng	94
60) Diethylphthalate	10.339	149	1696654	45.146	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	739744	42.336	ng	93
62) 4-Nitroaniline	10.498	138	371353	49.072	ng	95
63) Azobenzene	10.610	77	1898992	43.882	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	306912	53.956	ng	94
66) n-Nitrosodiphenylamine	10.575	169	1412293	42.973	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	493355	44.382	ng	95
68) Hexachlorobenzene	11.004	284	547693	48.782	ng	94
69) Atrazine	11.110	200	419704	42.010	ng	98
70) Pentachlorophenol	11.204	266	623980	91.935	ng	99
71) Phenanthrene	11.427	178	2320385	41.777	ng	99
72) Anthracene	11.480	178	2371969	41.580	ng	100
73) Carbazole	11.639	167	2141901	43.835	ng	99
74) Di-n-butylphthalate	11.974	149	2629766	45.235	ng	99
75) Fluoranthene	12.621	202	2360971	43.487	ng	98
77) Benzidine	12.751	184	291601	21.314	ng	100
78) Pyrene	12.851	202	2395128	43.663	ng	99
80) Butylbenzylphthalate	13.480	149	868682	62.008	ng	98
81) Benzo(a)anthracene	14.051	228	1721766	43.942	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	421385	40.384	ng	97
83) Chrysene	14.092	228	1738209	43.892	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1008783	56.654	ng	# 97
85) Di-n-octyl phthalate	14.674	149	1731059	50.157	ng	99
87) Indeno(1,2,3-cd)pyrene	17.198	276	1596410	49.904	ng	98
88) Benzo(b)fluoranthene	15.139	252	1429059	49.697	ng	98
89) Benzo(k)fluoranthene	15.168	252	1439800	46.616	ng	98
90) Benzo(a)pyrene	15.527	252	1315614	46.427	ng	99
91) Dibenzo(a,h)anthracene	17.221	278	1292094	49.791	ng	99
92) Benzo(g,h,i)perylene	17.686	276	1289360	48.380	ng	98

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

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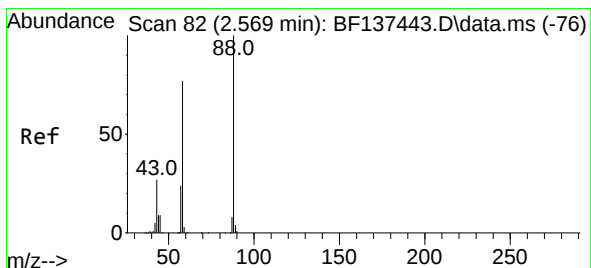
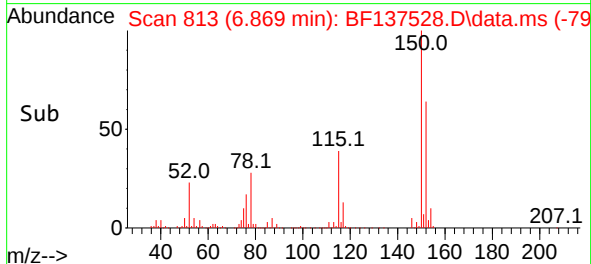
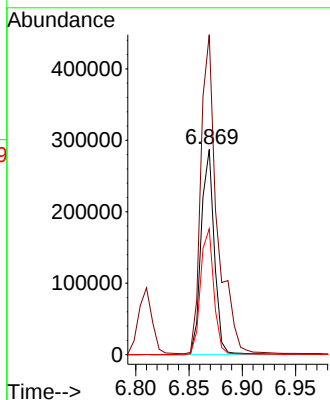
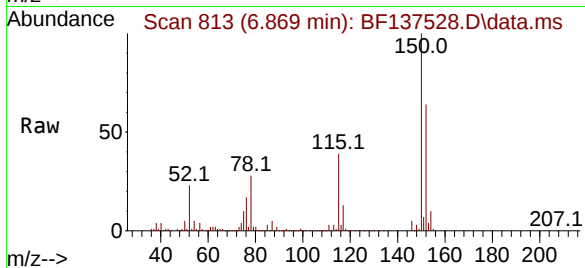




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF137528.D
 Acq: 07 Mar 2024 14:11

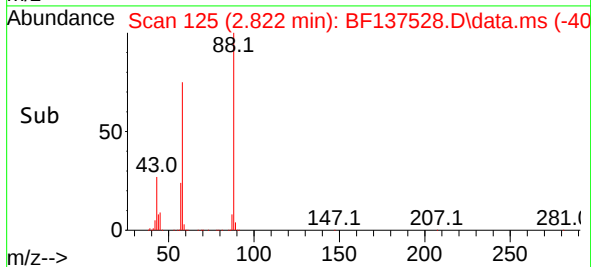
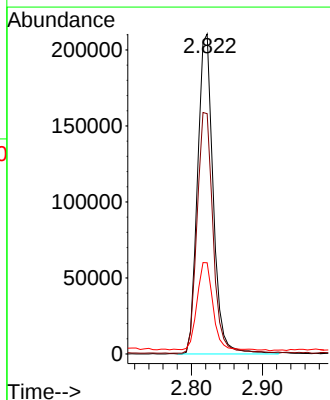
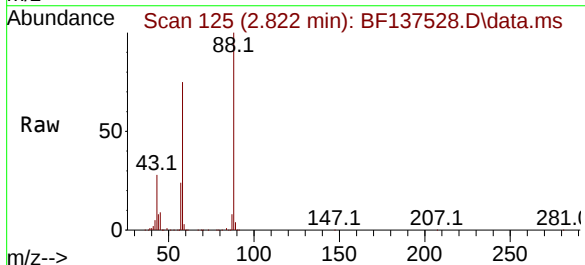
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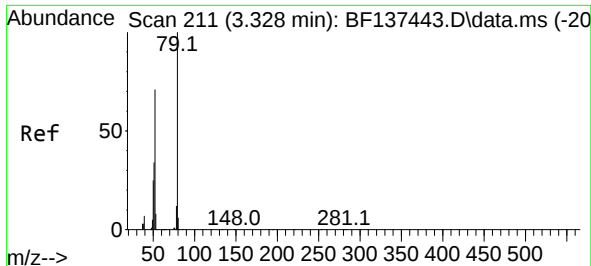
Tgt Ion:152 Resp: 248652
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.8 188.6
 115 61.4 48.8 73.2



#2
 1,4-Dioxane
 Concen: 36.005 ng
 RT: 2.822 min Scan# 125
 Delta R.T. 0.147 min
 Lab File: BF137528.D
 Acq: 07 Mar 2024 14:11

Tgt Ion: 88 Resp: 323217
 Ion Ratio Lower Upper
 88 100
 58 76.8 61.8 92.8
 43 28.7 22.2 33.4

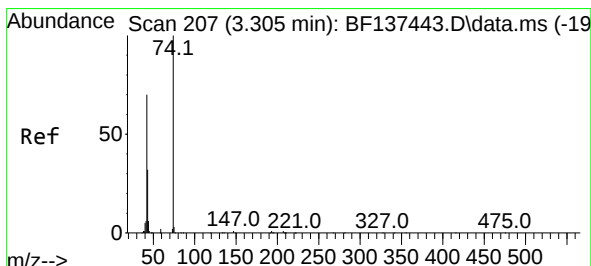
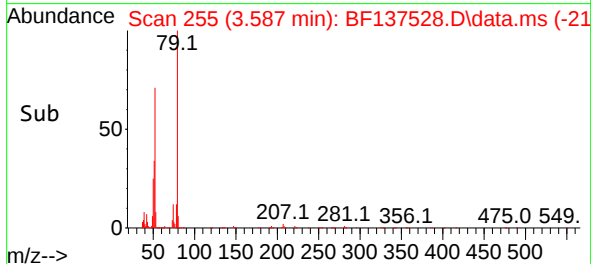
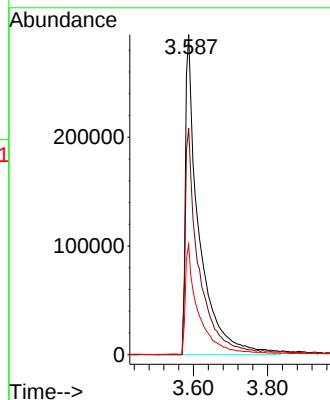
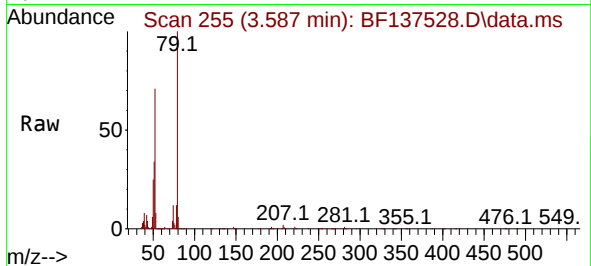




#3
Pyridine
Concen: 34.536 ng
RT: 3.587 min Scan# 211
Delta R.T. 0.124 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

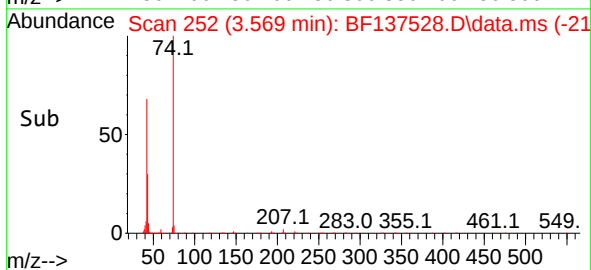
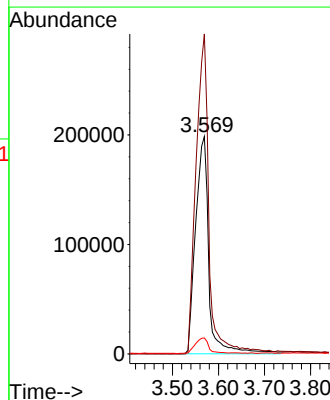
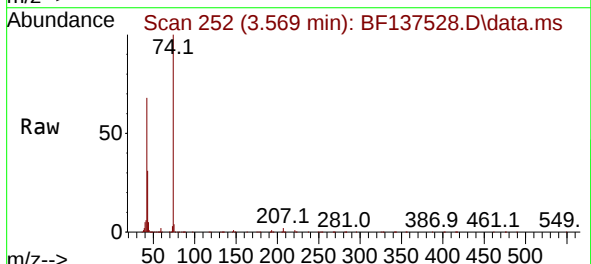
Instrument :
BNA_F
ClientSampleId :
PB159470BS

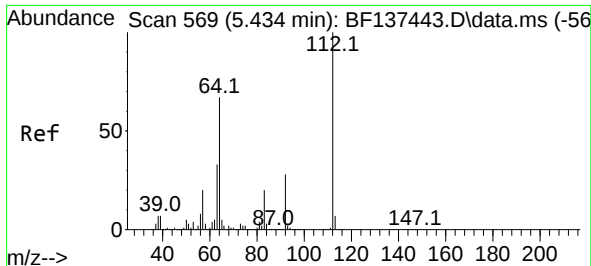
Tgt Ion: 79 Resp: 747702
Ion Ratio Lower Upper
79 100
52 70.7 57.0 85.4
51 34.5 27.5 41.3



#4
n-Nitrosodimethylamine
Concen: 45.370 ng
RT: 3.569 min Scan# 252
Delta R.T. 0.124 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion: 42 Resp: 395917
Ion Ratio Lower Upper
42 100
74 147.2 114.0 171.0
44 7.4 7.0 10.4

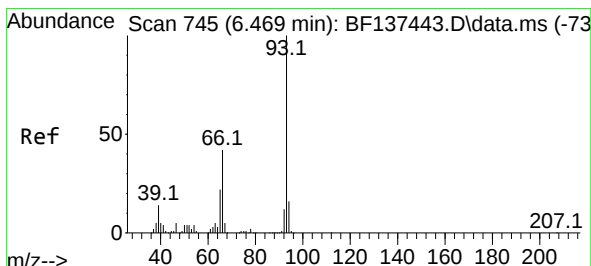
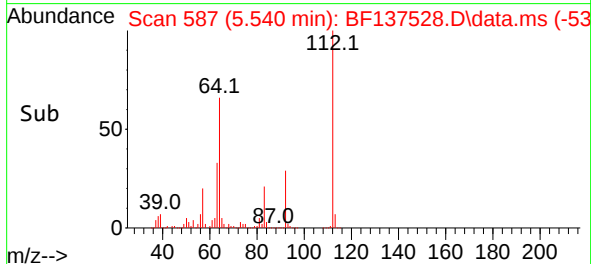
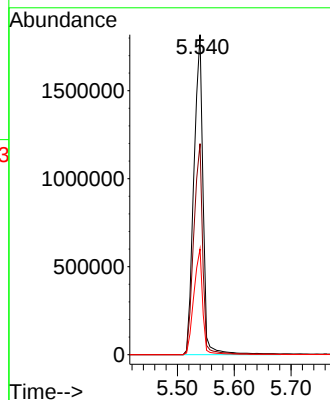
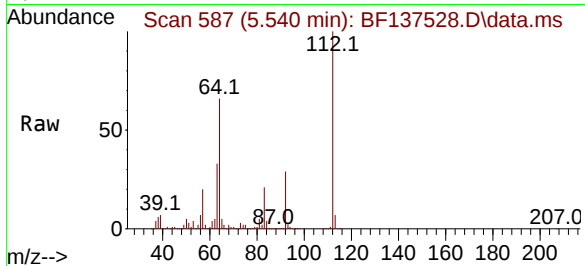




#5
2-Fluorophenol
Concen: 125.586 ng
RT: 5.540 min Scan# 51
Delta R.T. 0.030 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

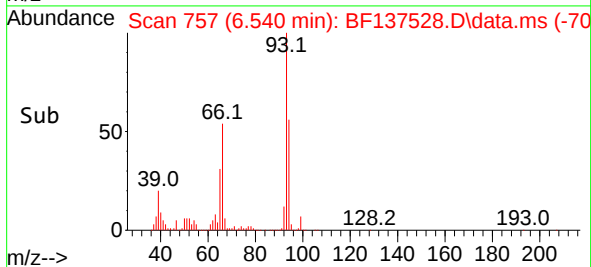
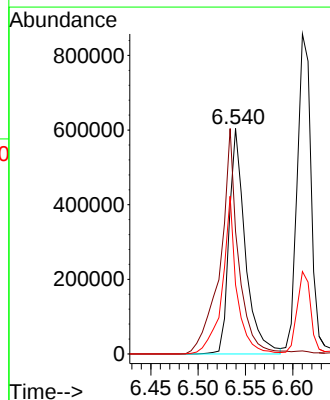
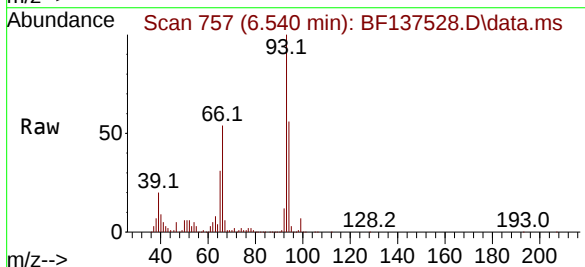
Instrument :
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Tgt Ion:112 Resp: 2061827
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 33.0 26.2 39.2



#6
Aniline
Concen: 24.837 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion: 93 Resp: 719203
Ion Ratio Lower Upper
93 100
66 54.3 34.0 51.0#
65 30.7 17.8 26.8#

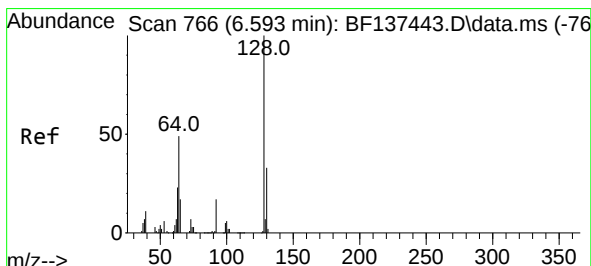
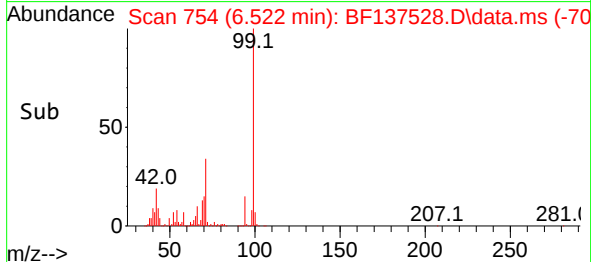
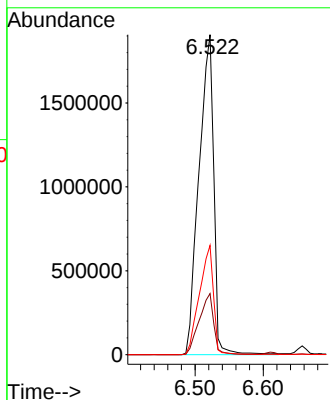
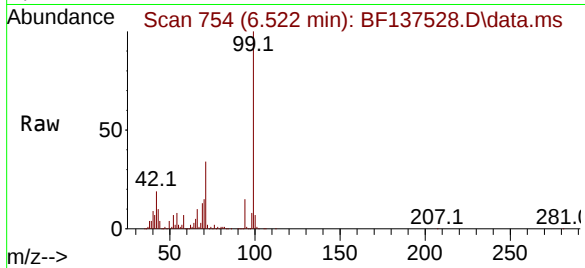




#7
Phenol-d6
Concen: 121.378 ng
RT: 6.522 min Scan# 711
Delta R.T. 0.018 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

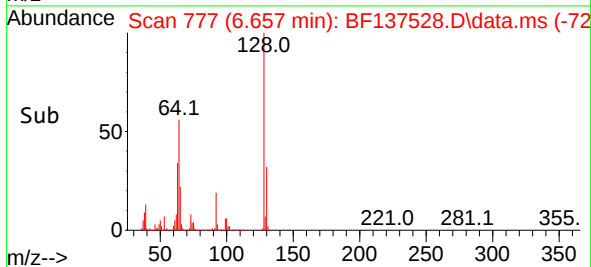
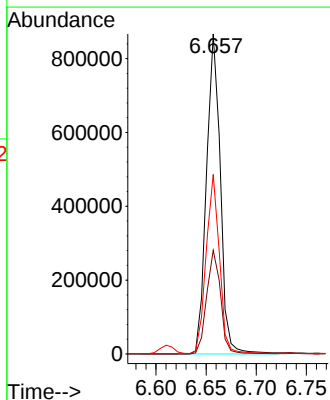
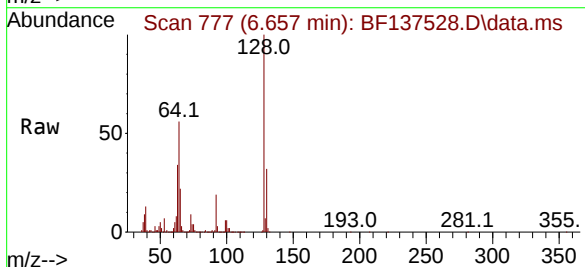
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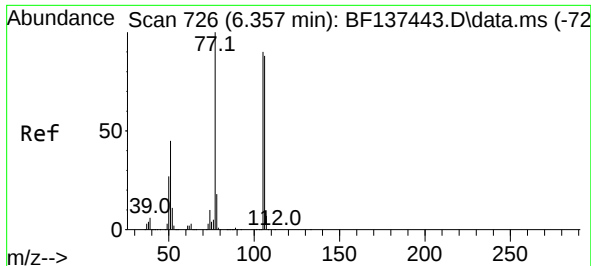
Tgt Ion: 99 Resp: 2876462
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 34.2 25.3 37.9



#8
2-Chlorophenol
Concen: 48.404 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:128 Resp: 838189
Ion Ratio Lower Upper
128 100
130 32.4 13.4 53.4
64 56.1 30.0 70.0





#9

Benzaldehyde

Concen: 4.107 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

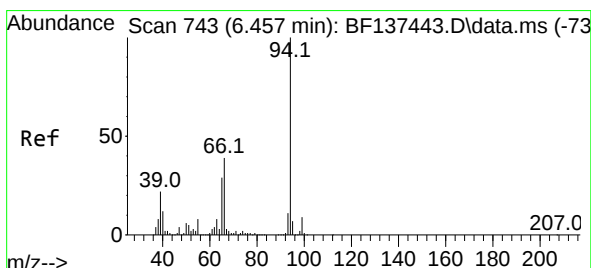
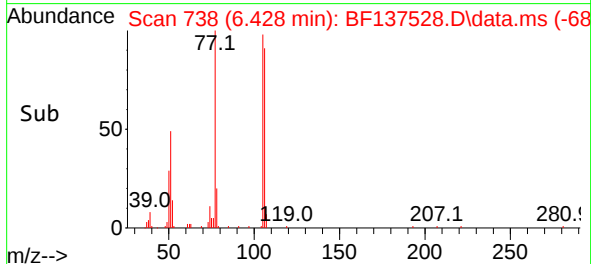
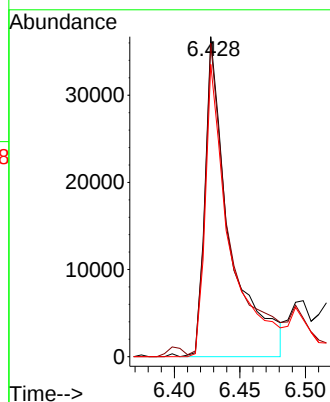
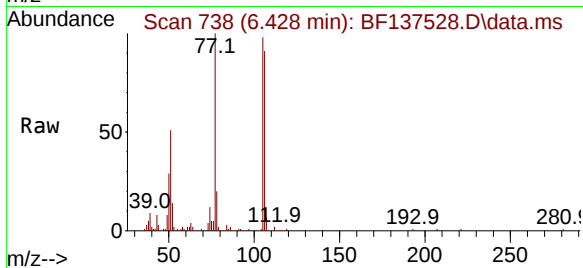
Tgt Ion: 77 Resp: 47683

Ion Ratio Lower Upper

77 100

105 98.0 69.8 109.8

106 91.3 67.8 107.8



#10

Phenol

Concen: 43.389 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.018 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

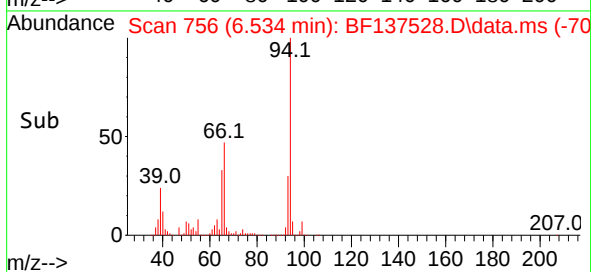
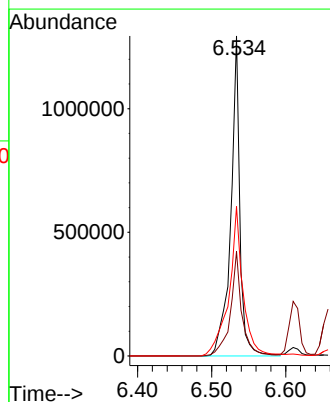
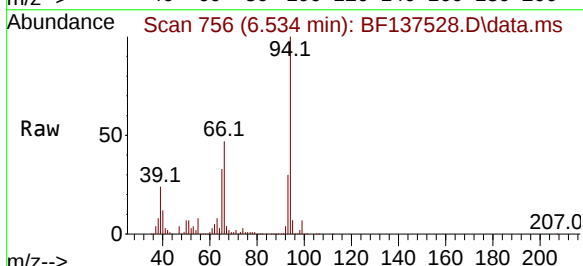
Tgt Ion: 94 Resp: 1106733

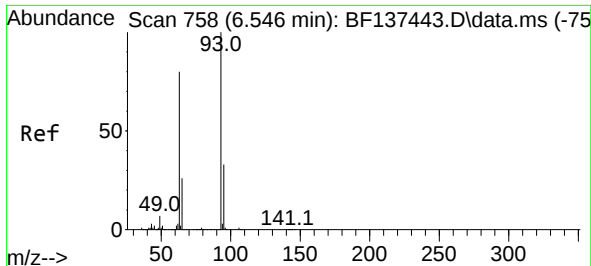
Ion Ratio Lower Upper

94 100

65 32.7 8.7 48.7

66 46.7 18.6 58.6

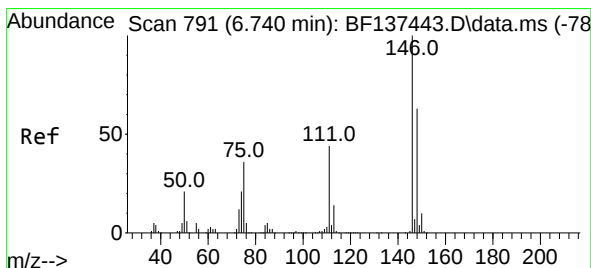
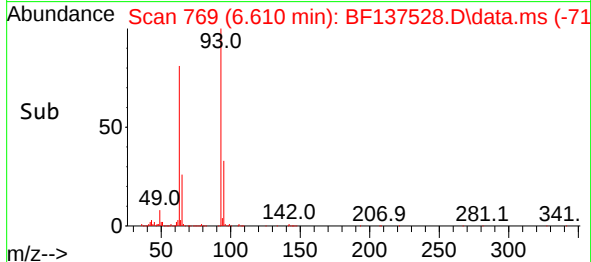
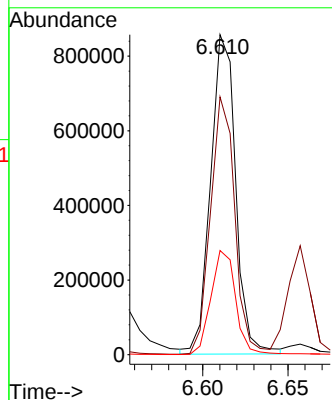
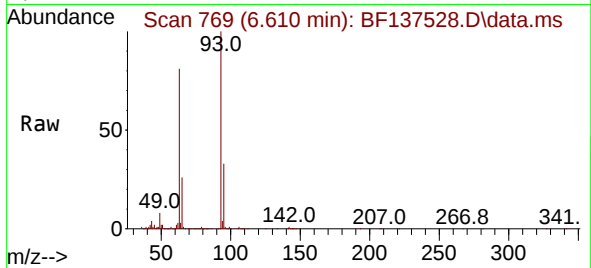




#11
bis(2-Chloroethyl)ether
Concen: 46.916 ng
RT: 6.610 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

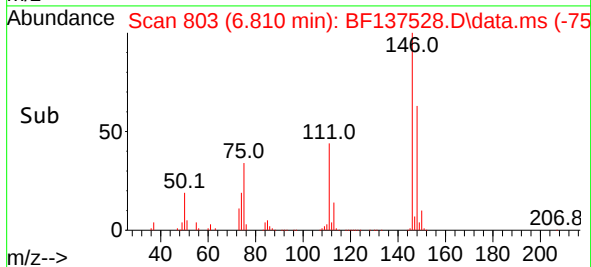
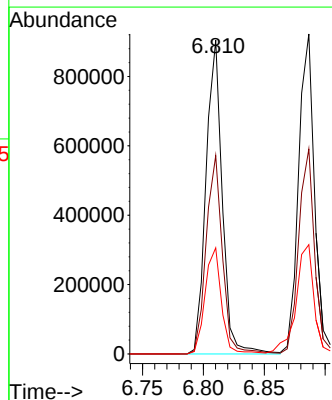
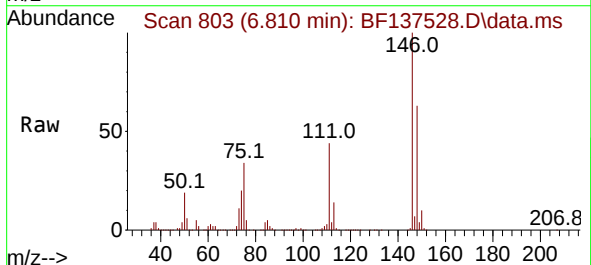
Instrument :
BNA_F
ClientSampleId :
PB159470BS

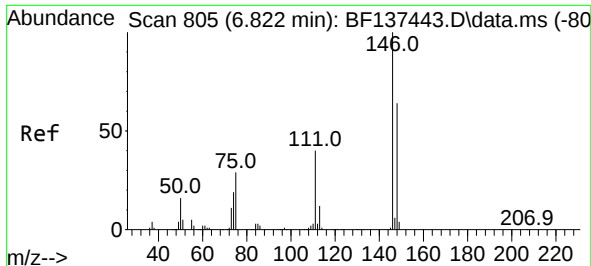
Tgt Ion: 93 Resp: 876932
Ion Ratio Lower Upper
93 100
63 80.5 58.9 98.9
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 45.349 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:146 Resp: 839139
Ion Ratio Lower Upper
146 100
148 63.2 50.3 75.5
75 33.8 29.0 43.4





#13

1,4-Dichlorobenzene

Concen: 45.547 ng

RT: 6.887 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

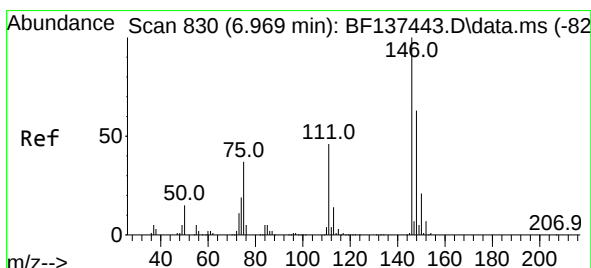
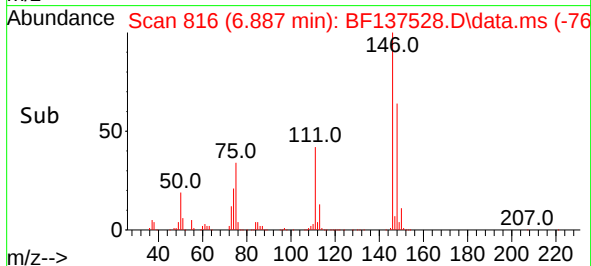
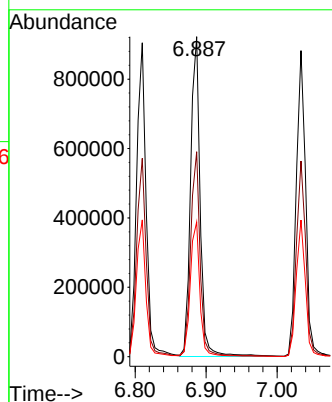
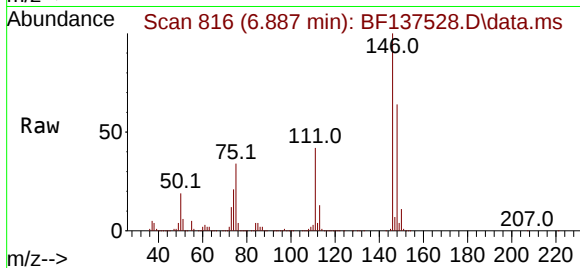
Tgt Ion:146 Resp: 862307

Ion Ratio Lower Upper

146 100

148 64.1 51.2 76.8

111 42.1 32.4 48.6



#14

1,2-Dichlorobenzene

Concen: 46.552 ng

RT: 7.034 min Scan# 841

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

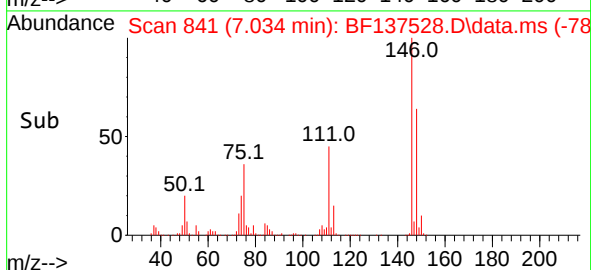
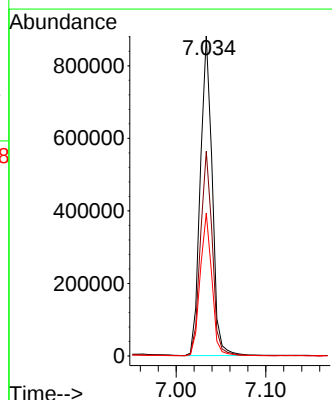
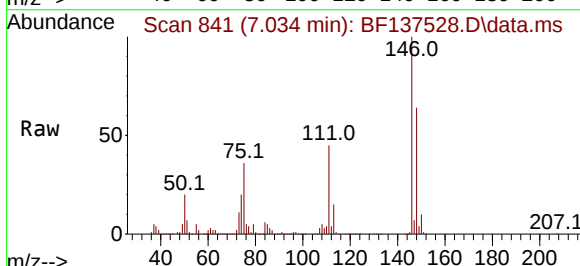
Tgt Ion:146 Resp: 808944

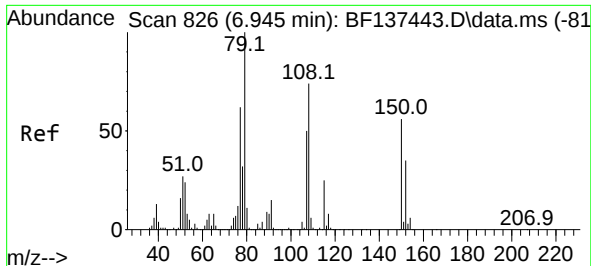
Ion Ratio Lower Upper

146 100

148 63.9 50.0 75.0

111 44.6 36.8 55.2

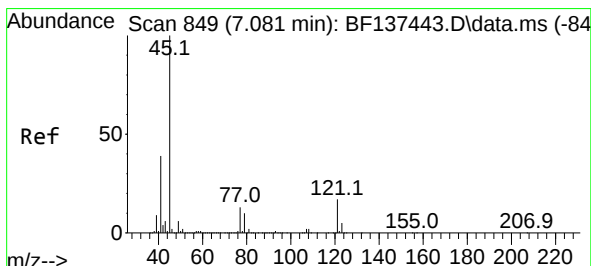
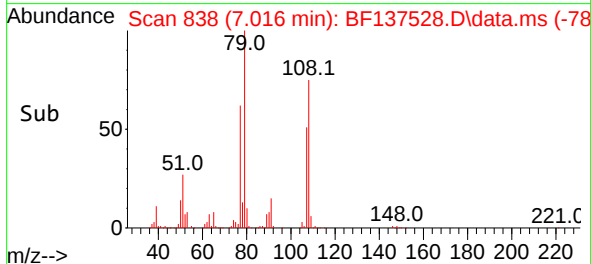
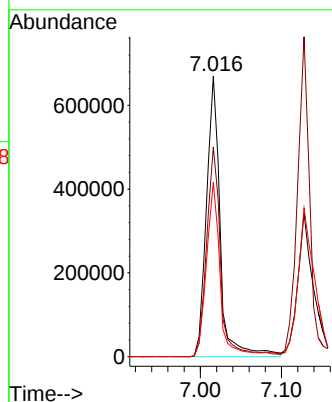
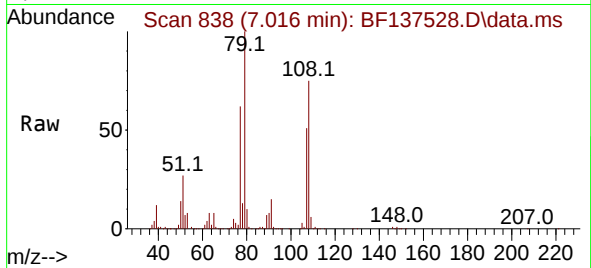




#15
Benzyl Alcohol
Concen: 53.149 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

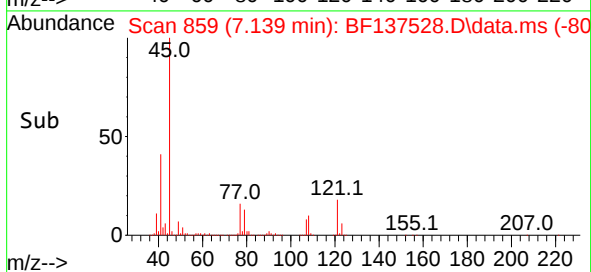
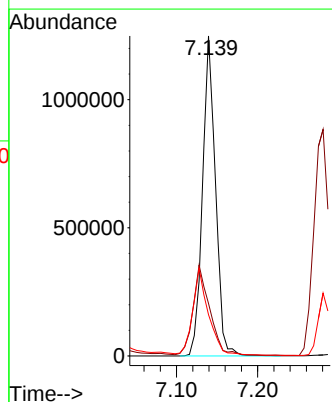
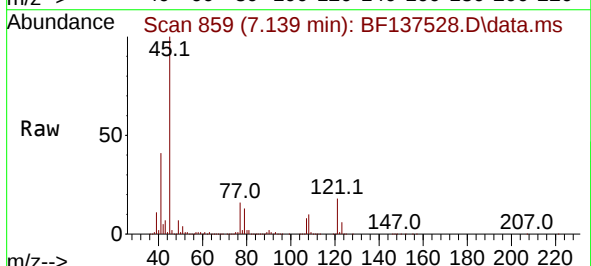
Instrument :
BNA_F
ClientSampleId :
PB159470BS

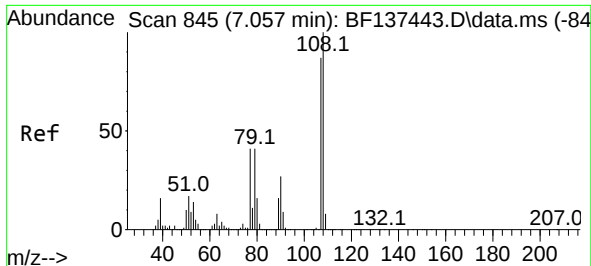
Tgt Ion: 79 Resp: 784145
Ion Ratio Lower Upper
79 100
108 74.8 59.5 89.3
77 62.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.207 ng
RT: 7.139 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion: 45 Resp: 1388221
Ion Ratio Lower Upper
45 100
77 16.4 0.0 33.4
79 12.9 0.0 30.9

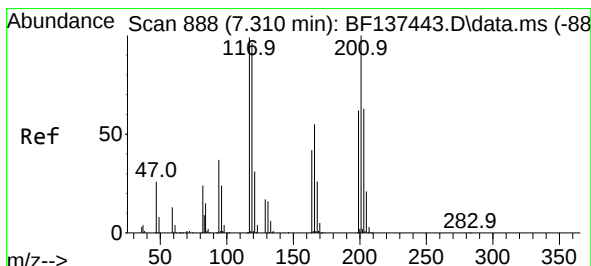
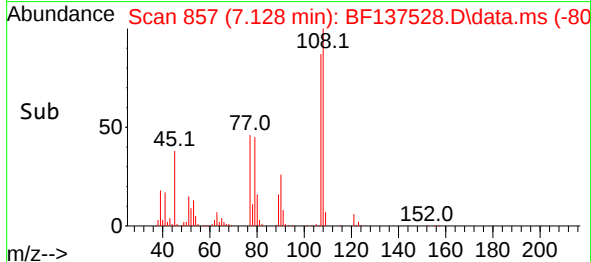
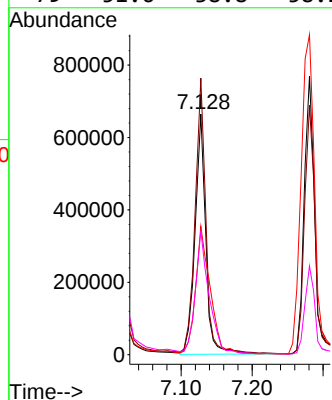
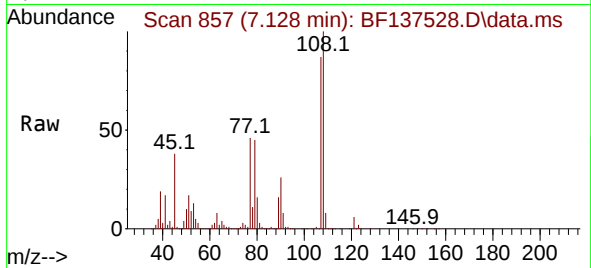




#17
2-Methylphenol
Concen: 43.379 ng
RT: 7.128 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

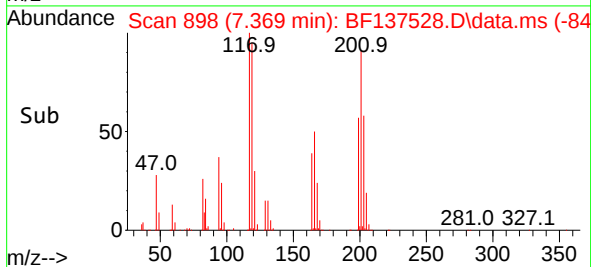
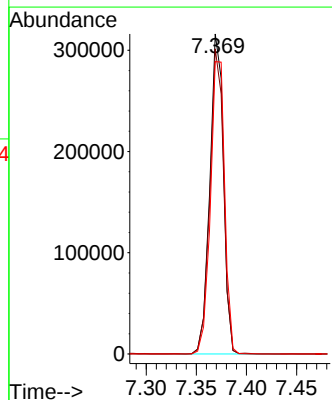
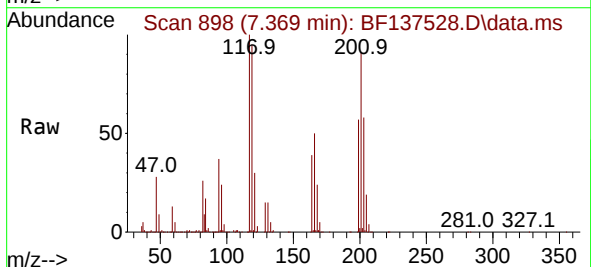
Instrument :
BNA_F
ClientSampleId :
PB159470BS

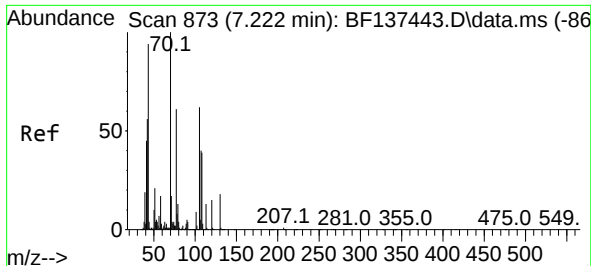
Tgt Ion:107 Resp: 702898
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.4
77 53.4 38.6 57.8
79 51.6 38.8 58.2



#18
Hexachloroethane
Concen: 48.274 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:117 Resp: 300932
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
201 91.3 80.6 121.0

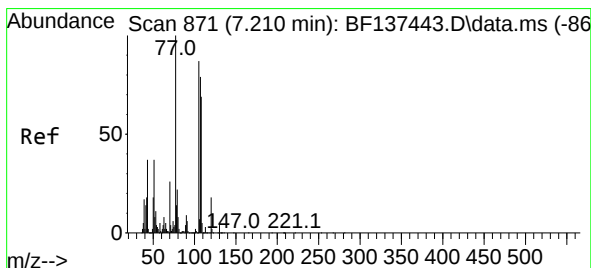
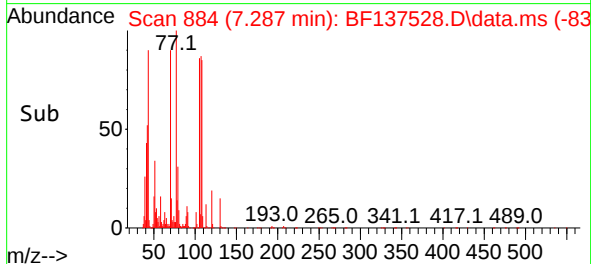
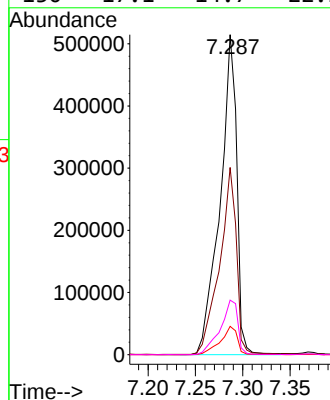
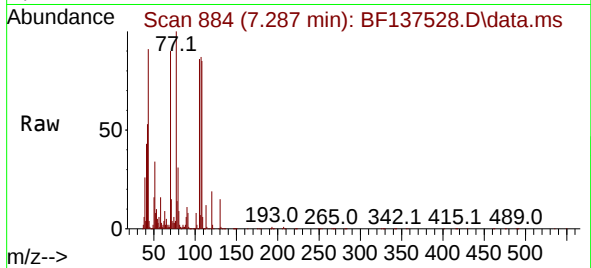




#19
n-Nitroso-di-n-propylamine
Concen: 43.354 ng
RT: 7.287 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

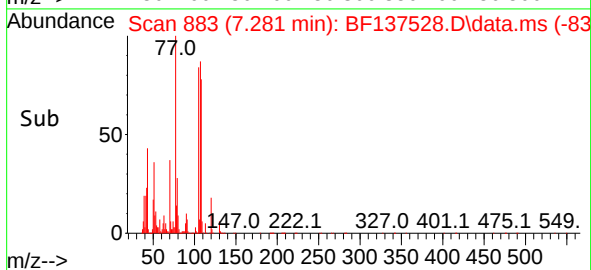
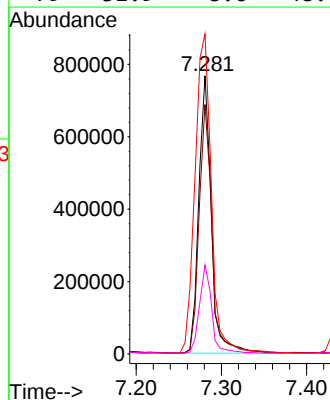
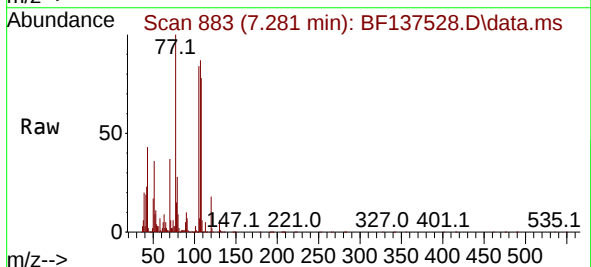
Instrument :
BNA_F
ClientSampleId :
PB159470BS

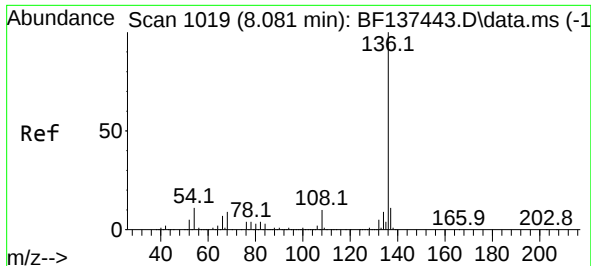
Tgt Ion: 70 Resp: 634452
Ion Ratio Lower Upper
70 100
42 58.5 45.2 67.8
101 8.9 7.3 10.9
130 17.1 14.7 22.1



#20
3+4-Methylphenols
Concen: 42.580 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion: 107 Resp: 790185
Ion Ratio Lower Upper
107 100
108 89.6 67.6 107.6
77 115.0 107.1 147.1
79 31.9 8.6 48.6

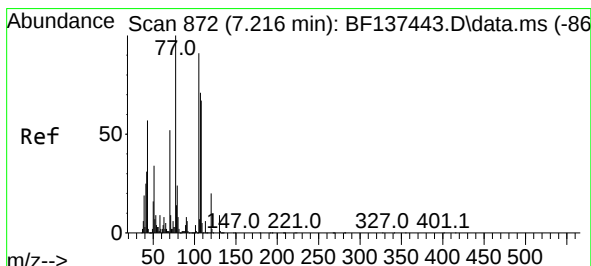
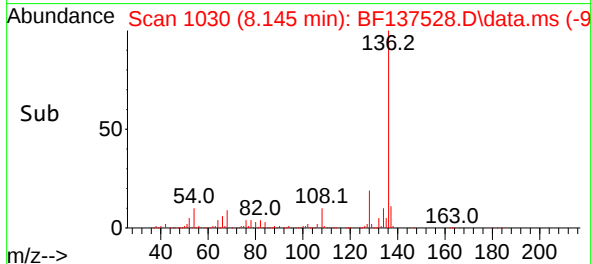
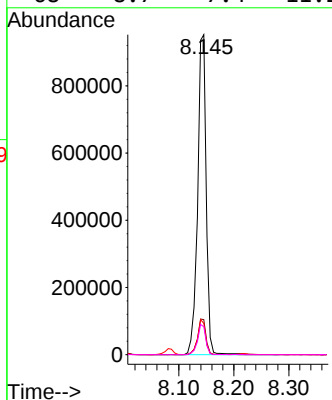
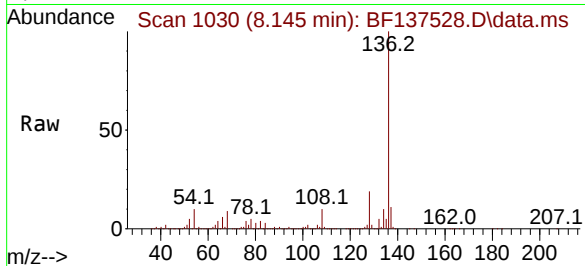




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

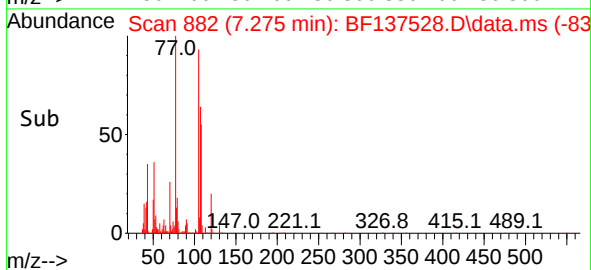
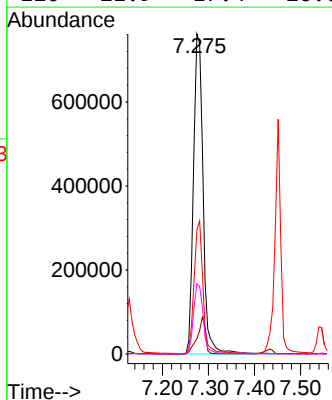
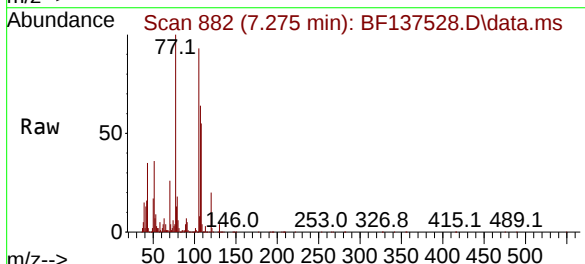
Instrument :
BNA_F
ClientSampleId :
PB159470BS

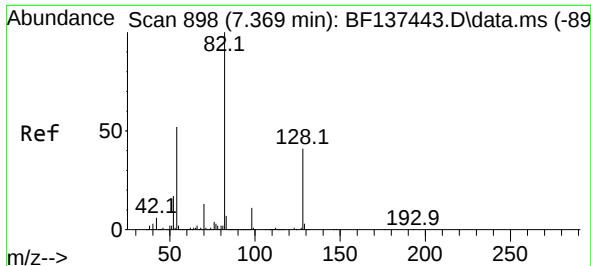
Tgt Ion:136 Resp: 1034407
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.8 8.5 12.7
68 8.7 7.4 11.2



#22
Acetophenone
Concen: 44.122 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:105 Resp: 1104286
Ion Ratio Lower Upper
105 100
71 4.8 7.7 11.5#
51 38.9 30.4 45.6
120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.188 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

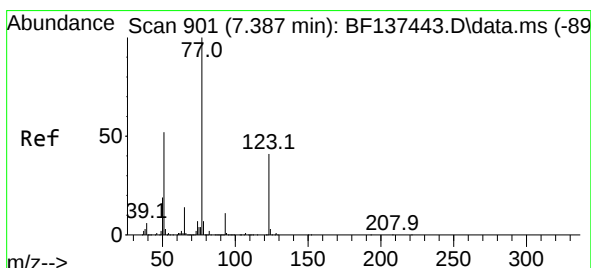
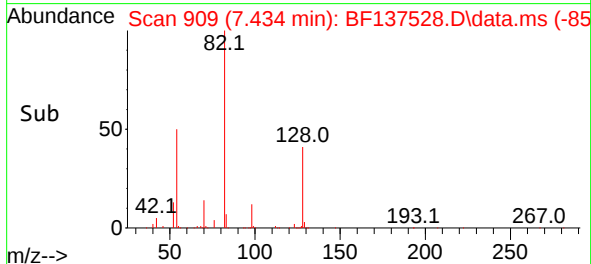
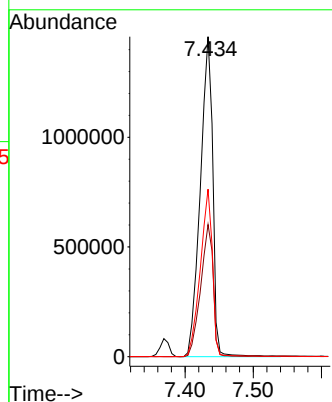
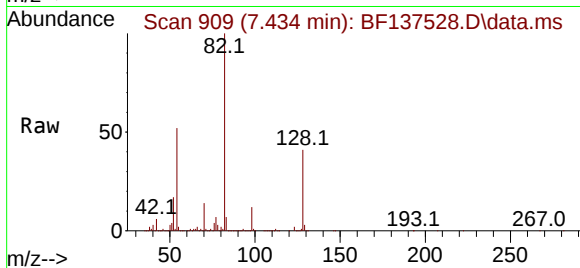
BNA_F

ClientSampleId :

PB159470BS

Tgt Ion: 82 Resp: 1851976

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.5	48.7
54	52.4	41.5	62.3



#24

Nitrobenzene

Concen: 43.802 ng

RT: 7.451 min Scan# 912

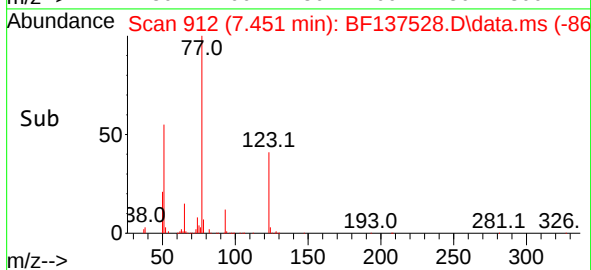
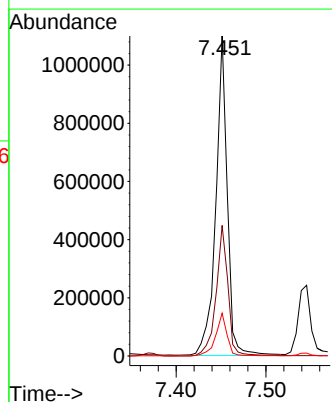
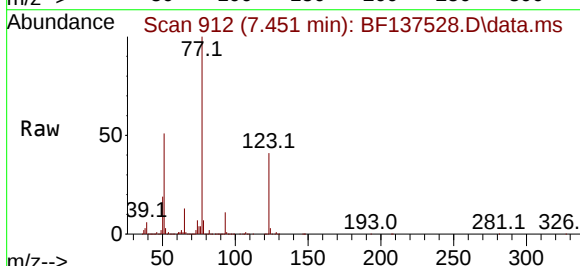
Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Tgt Ion: 77 Resp: 979581

Ion	Ratio	Lower	Upper
77	100		
123	40.8	33.0	49.6
65	13.4	10.9	16.3

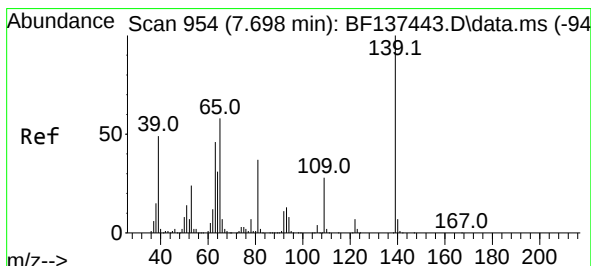
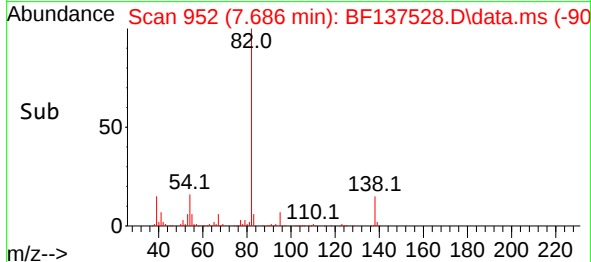
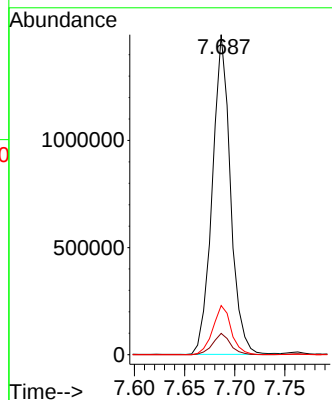
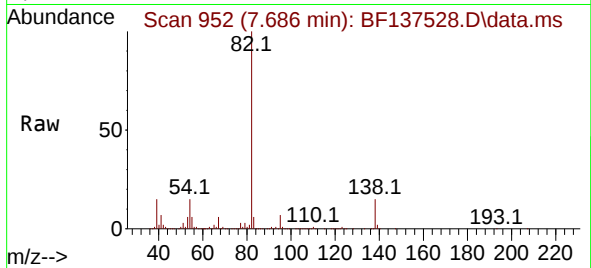




#25
Isophorone
Concen: 44.550 ng
RT: 7.686 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

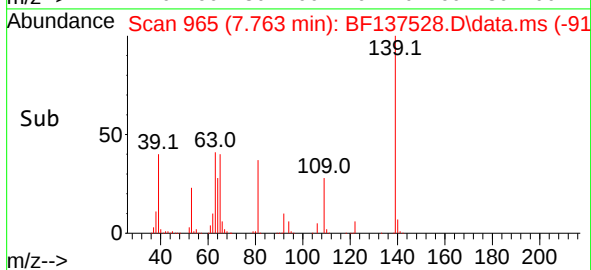
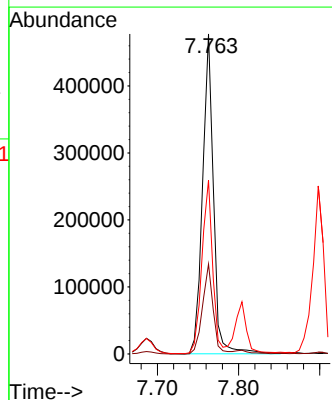
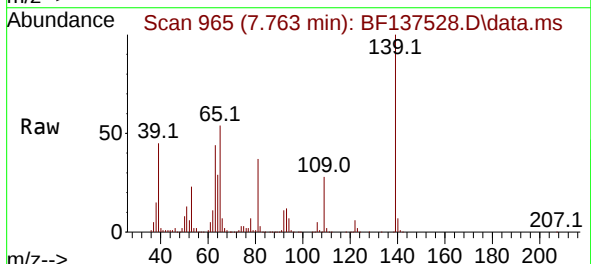
Instrument :
BNA_F
ClientSampleId :
PB159470BS

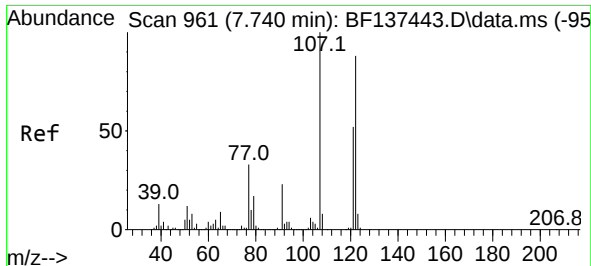
Tgt Ion: 82 Resp: 1884256
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.3 11.8 17.8



#26
2-Nitrophenol
Concen: 50.598 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion: 139 Resp: 449248
Ion Ratio Lower Upper
139 100
109 28.1 22.2 33.4
65 54.3 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 38.754 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

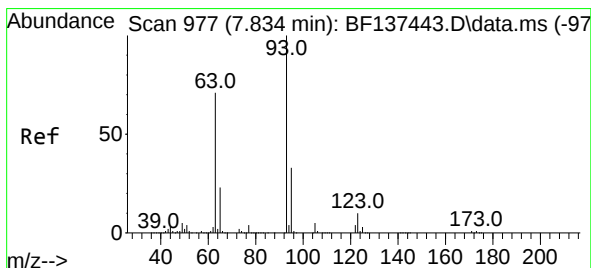
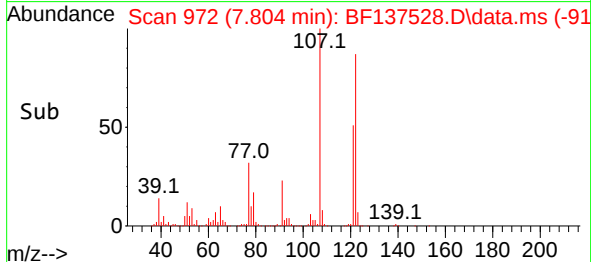
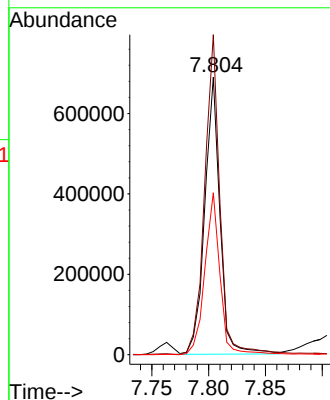
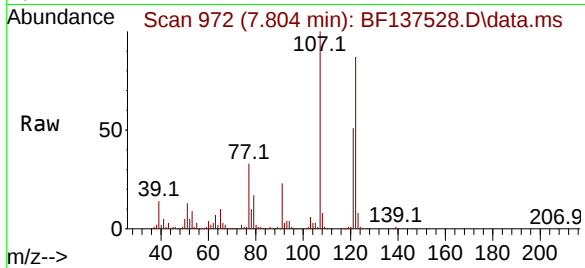
Tgt Ion:122 Resp: 642933

Ion Ratio Lower Upper

122 100

107 115.2 90.9 136.3

121 58.3 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.605 ng

RT: 7.898 min Scan# 988

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

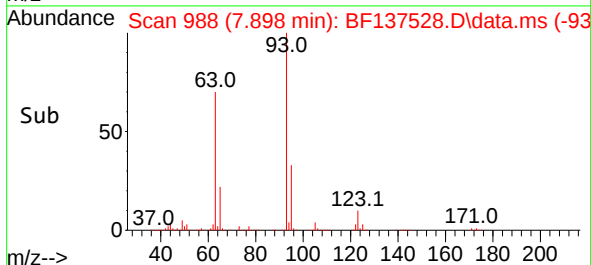
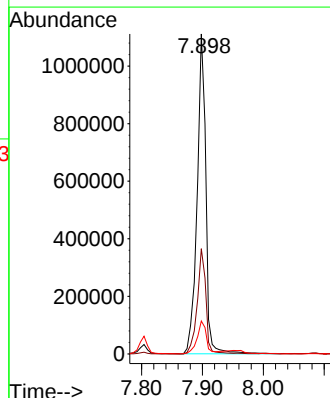
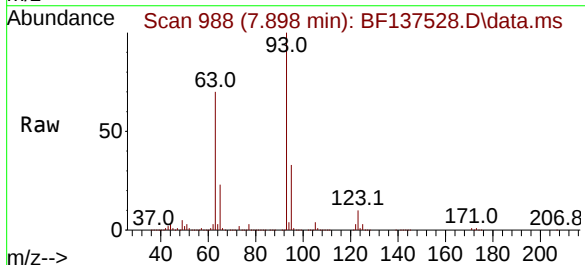
Tgt Ion: 93 Resp: 1106917

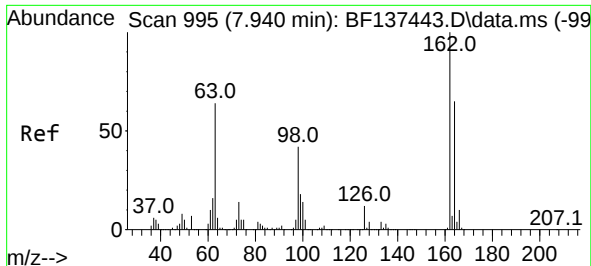
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 10.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 46.847 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

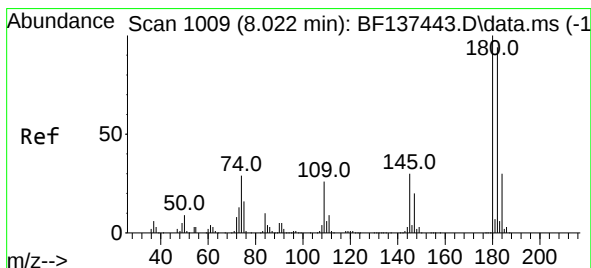
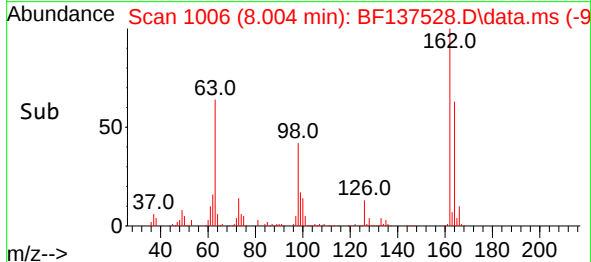
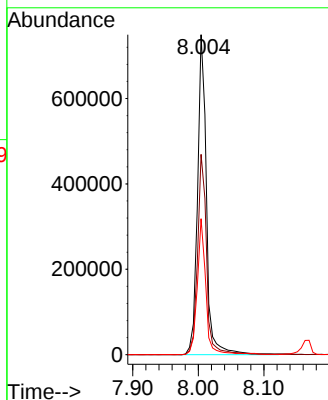
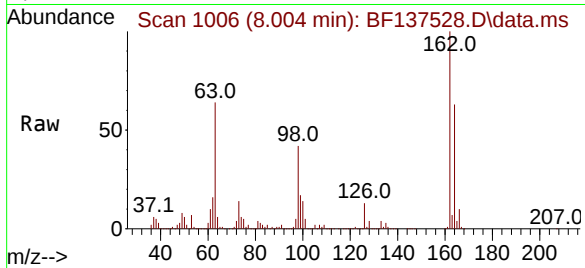
Tgt Ion:162 Resp: 713300

Ion Ratio Lower Upper

162 100

164 62.6 44.7 84.7

98 42.5 22.0 62.0



#30

1,2,4-Trichlorobenzene

Concen: 44.899 ng

RT: 8.086 min Scan# 1020

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

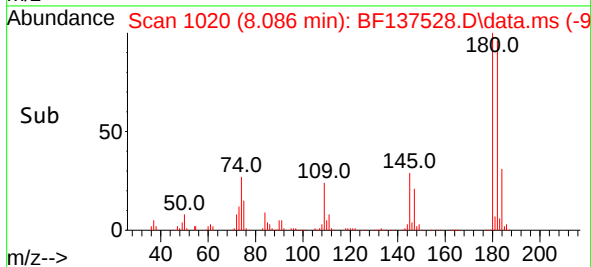
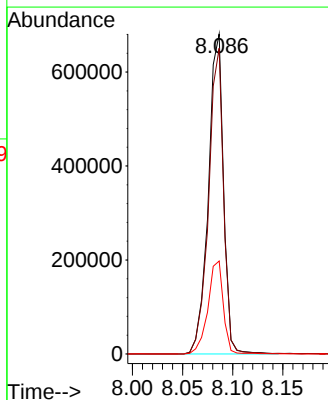
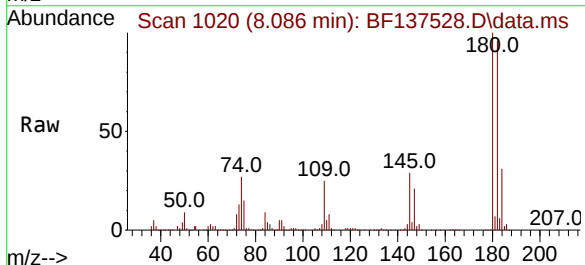
Tgt Ion:180 Resp: 719417

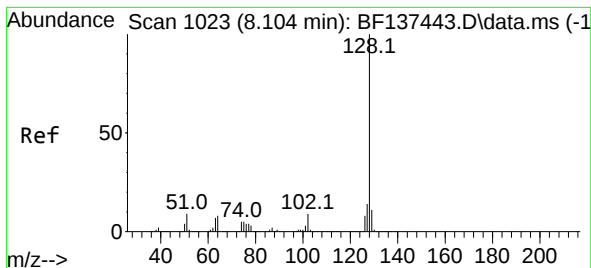
Ion Ratio Lower Upper

180 100

182 95.5 75.0 112.6

145 29.0 23.7 35.5





#31

Naphthalene

Concen: 41.845 ng

RT: 8.169 min Scan# 10

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

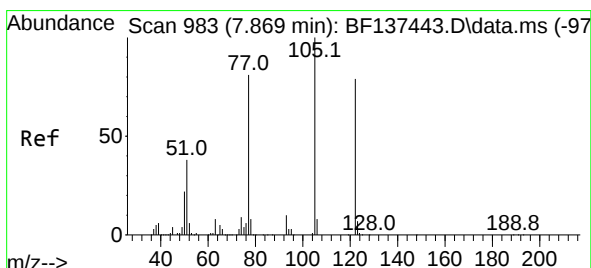
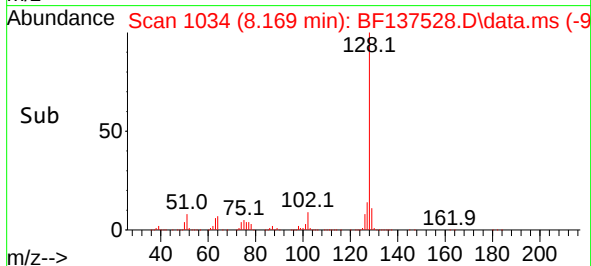
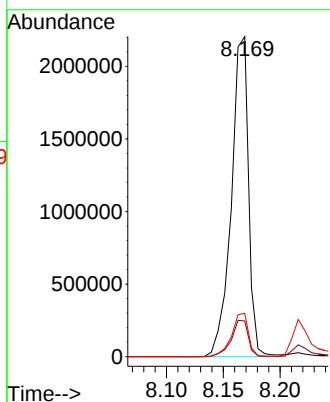
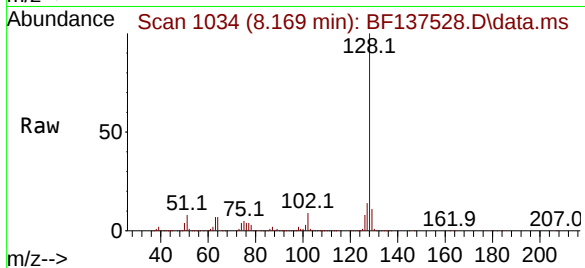
Tgt Ion:128 Resp: 2322366

Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 49.227 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.035 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

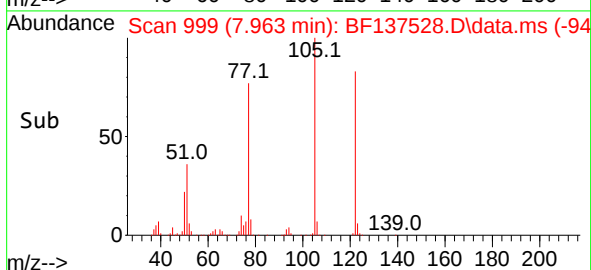
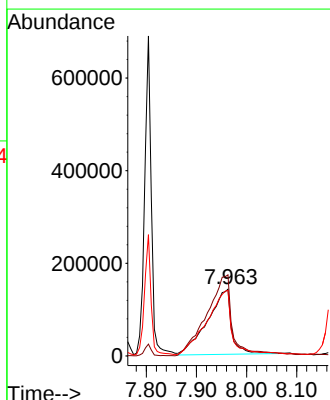
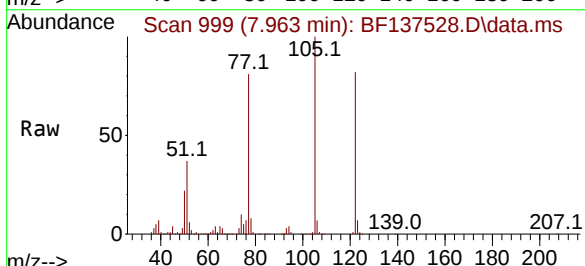
Tgt Ion:122 Resp: 472081

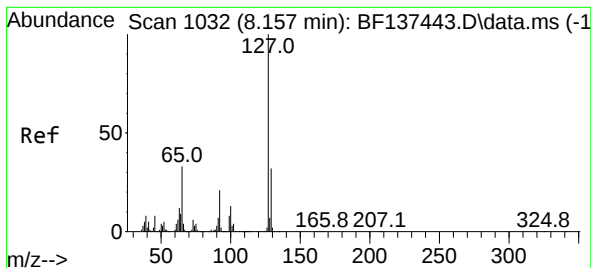
Ion Ratio Lower Upper

122 100

105 121.5 102.4 142.4

77 98.3 81.1 121.1





#33

4-Chloroaniline

Concen: 14.101 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

Tgt Ion:127 Resp: 306877

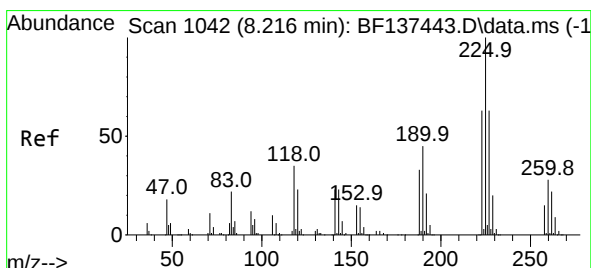
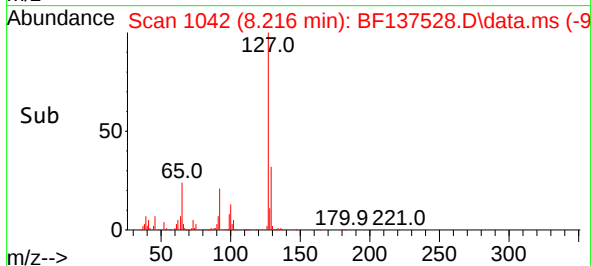
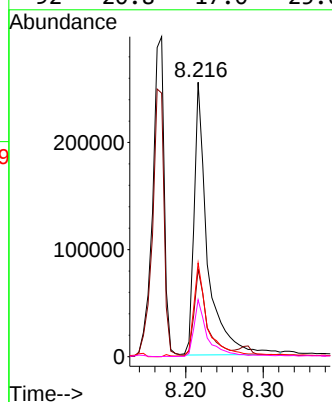
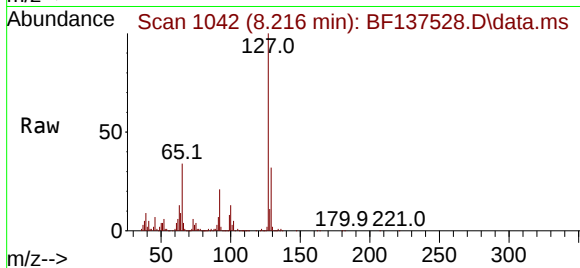
Ion Ratio Lower Upper

127 100

129 31.8 26.0 39.0

65 34.2 26.8 40.2

92 20.8 17.0 25.6



#34

Hexachlorobutadiene

Concen: 44.050 ng

RT: 8.281 min Scan# 1053

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

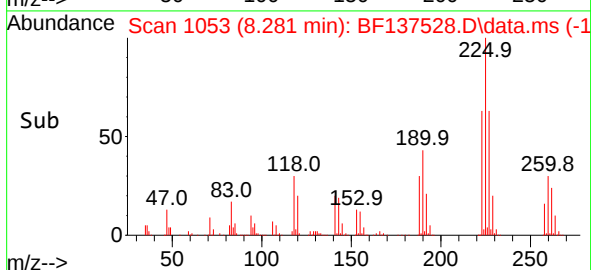
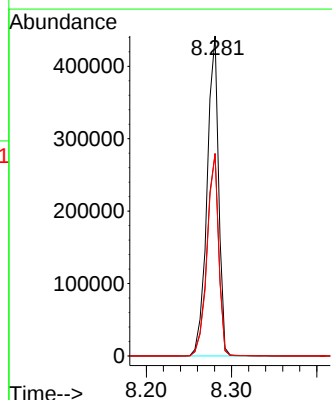
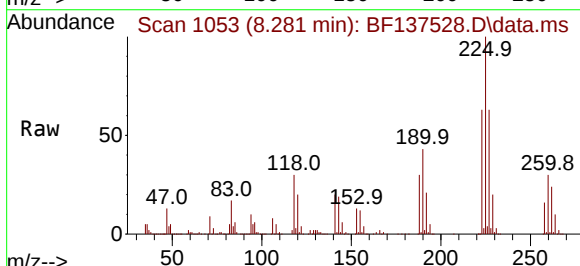
Tgt Ion:225 Resp: 416701

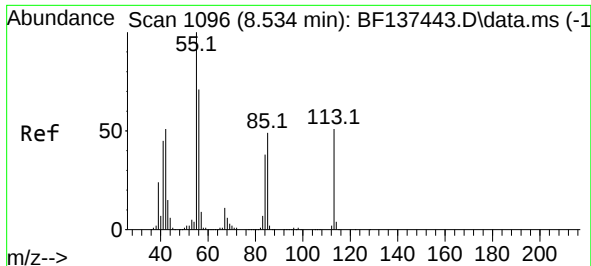
Ion Ratio Lower Upper

225 100

223 63.3 50.7 76.1

227 63.2 50.6 75.8

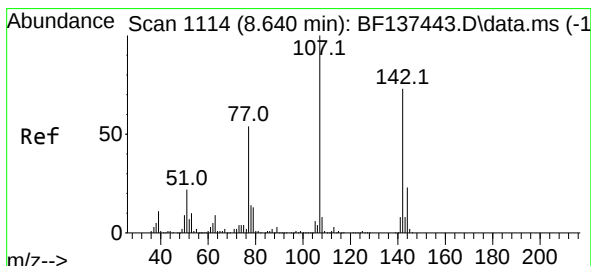
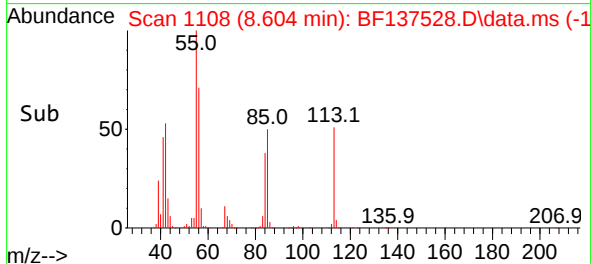
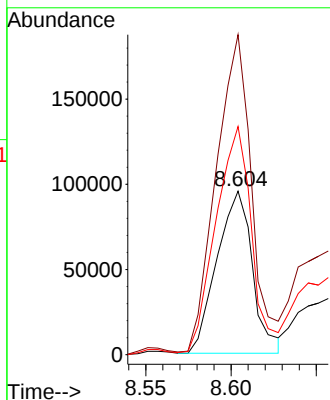
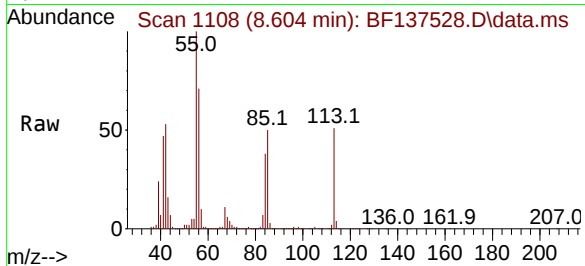




#35
Caprolactam
Concen: 26.749 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

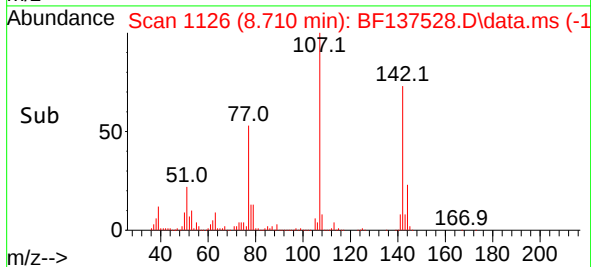
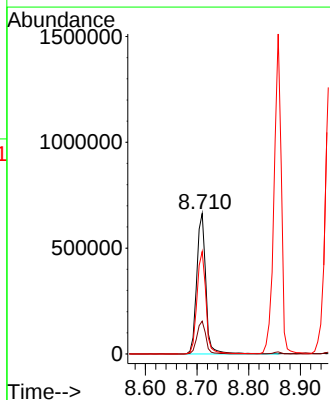
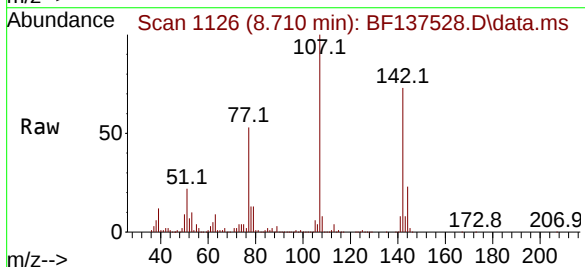
Instrument :
BNA_F
ClientSampleId :
PB159470BS

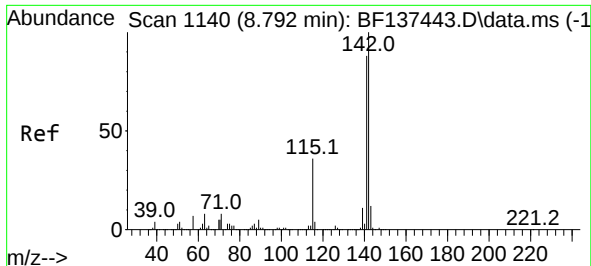
Tgt Ion:113 Resp: 138102
Ion Ratio Lower Upper
113 100
55 195.6 176.7 216.7
56 139.5 120.6 160.6



#36
4-Chloro-3-methylphenol
Concen: 47.404 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.018 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:107 Resp: 806803
Ion Ratio Lower Upper
107 100
144 23.4 18.7 28.1
142 72.9 58.2 87.2





#37

2-Methylnaphthalene

Concen: 41.389 ng

RT: 8.857 min Scan# 1151

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

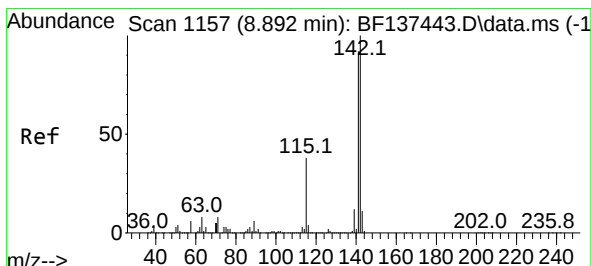
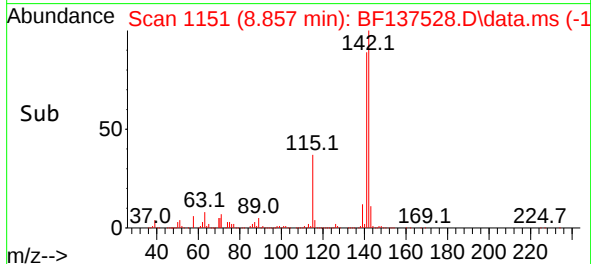
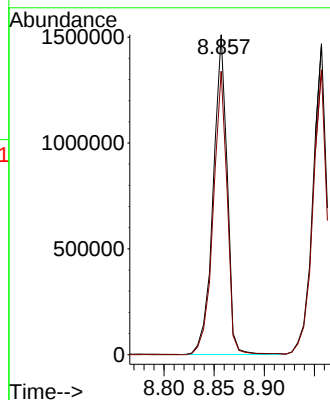
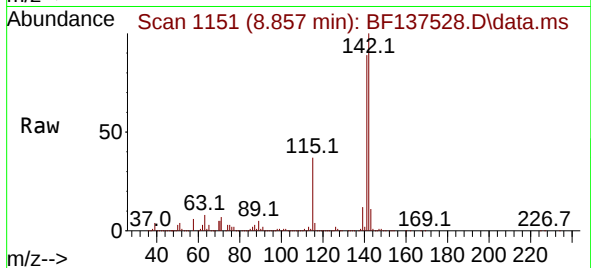
PB159470BS

Tgt Ion:142 Resp: 1464384

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.308 ng

RT: 8.957 min Scan# 1168

Delta R.T. 0.012 min

Lab File: BF137528.D

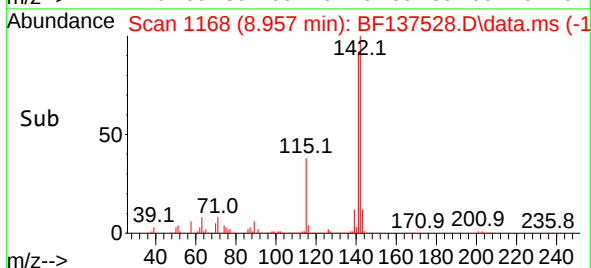
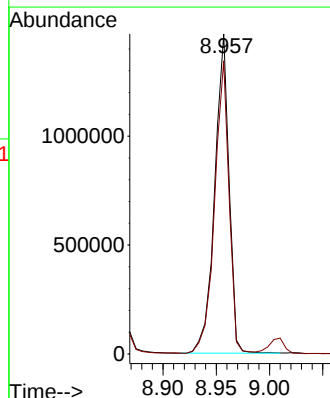
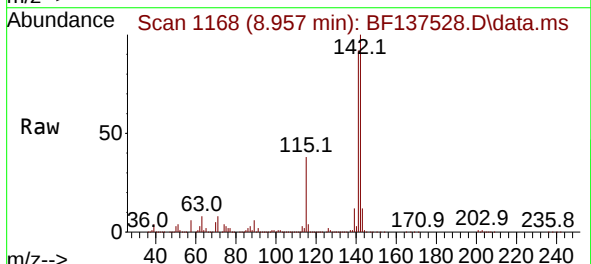
Acq: 07 Mar 2024 14:11

Tgt Ion:142 Resp: 1376335

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2

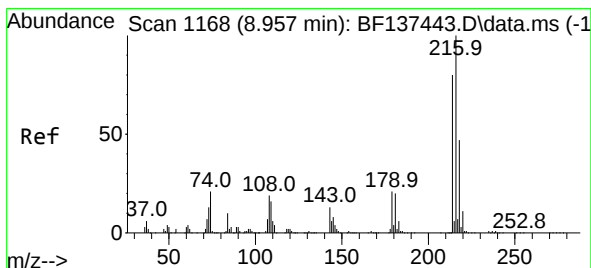
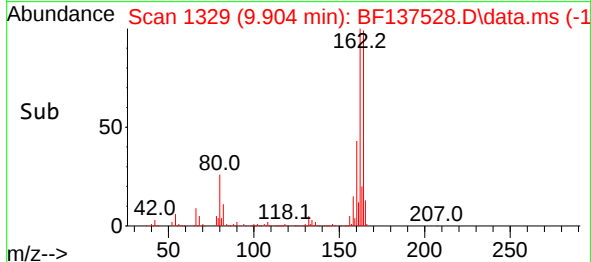
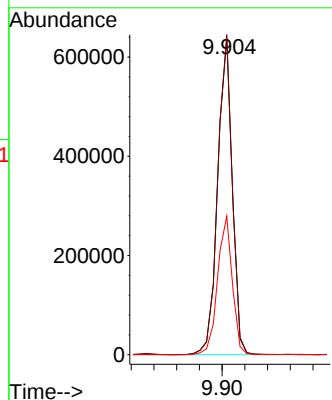
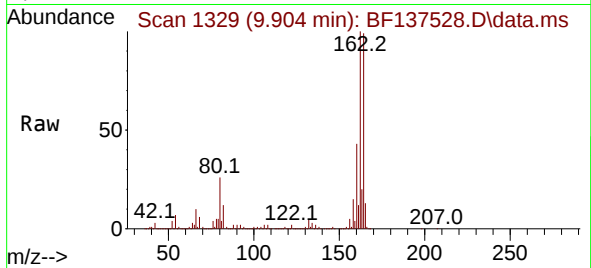




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

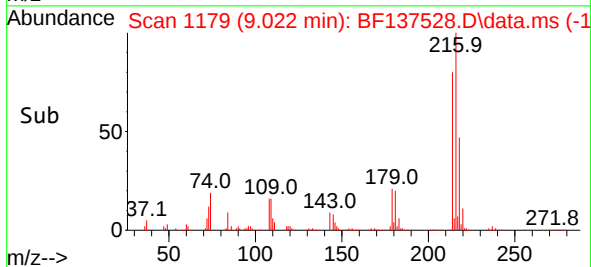
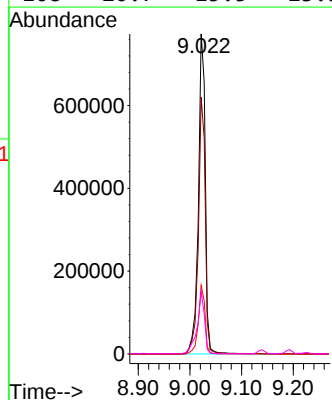
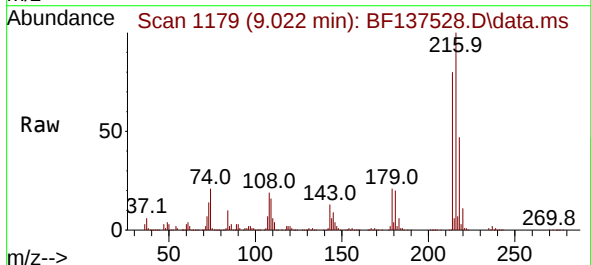
Instrument :
BNA_F
ClientSampleId :
PB159470BS

Tgt Ion:164 Resp: 571707
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 43.8 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.084 ng
RT: 9.022 min Scan# 1179
Delta R.T. 0.006 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:216 Resp: 719570
Ion Ratio Lower Upper
216 100
214 79.7 63.5 95.3
179 20.6 16.6 25.0
108 20.7 15.5 23.3

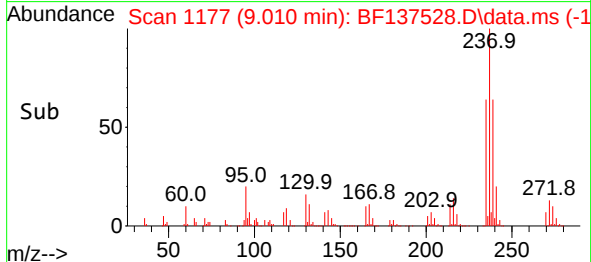
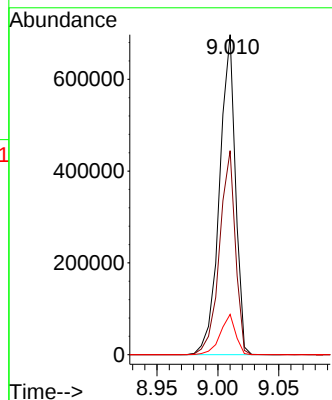
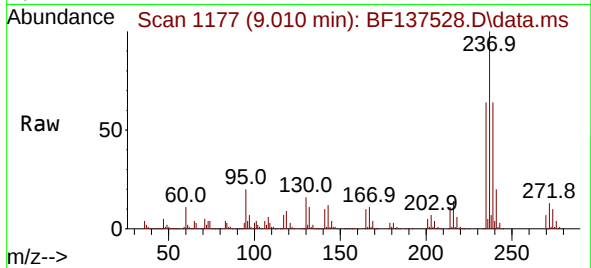




#41
Hexachlorocyclopentadiene
Concen: 95.794 ng
RT: 9.010 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

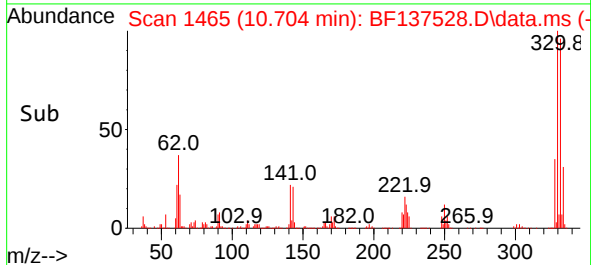
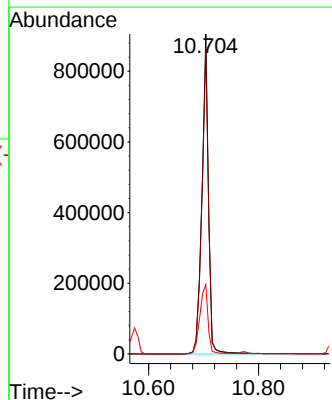
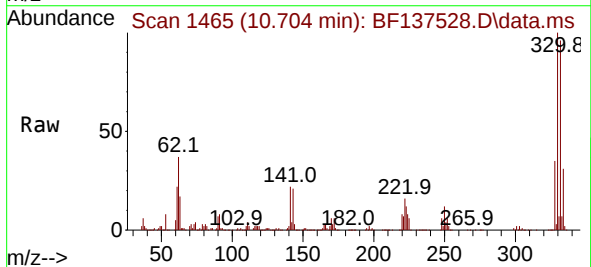
Instrument :
BNA_F
ClientSampleId :
PB159470BS

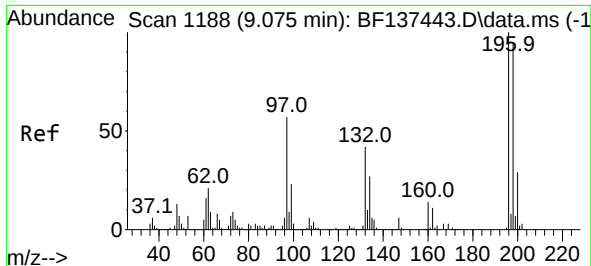
Tgt Ion:237 Resp: 635767
Ion Ratio Lower Upper
237 100
235 63.8 43.6 83.6
272 12.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 150.193 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:330 Resp: 754058
Ion Ratio Lower Upper
330 100
332 95.9 78.0 117.0
141 27.1 27.3 40.9#





#43

2,4,6-Trichlorophenol

Concen: 47.908 ng

RT: 9.139 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

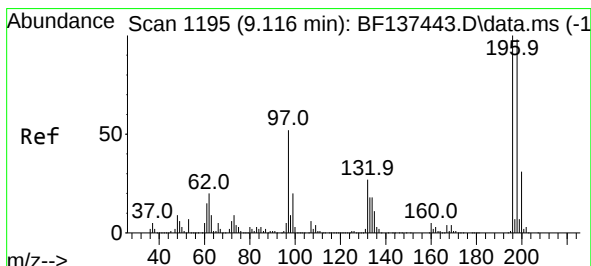
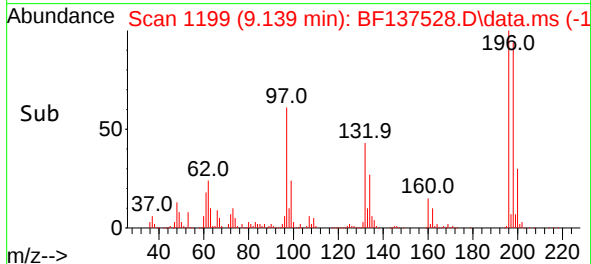
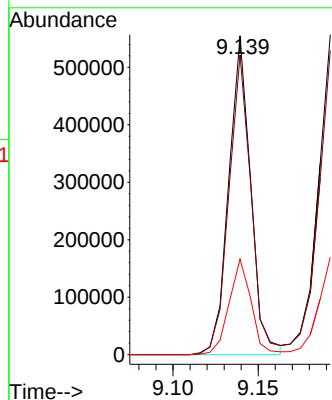
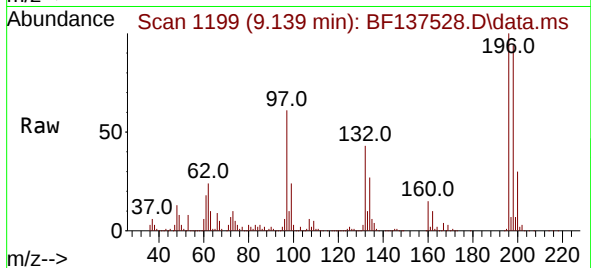
Tgt Ion:196 Resp: 497935

Ion Ratio Lower Upper

196 100

198 94.0 75.8 113.8

200 30.0 23.5 35.3



#44

2,4,5-Trichlorophenol

Concen: 43.657 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.024 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Tgt Ion:196 Resp: 522701

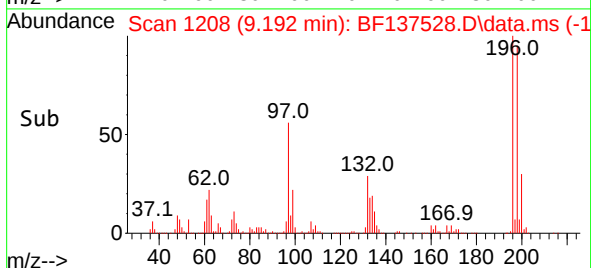
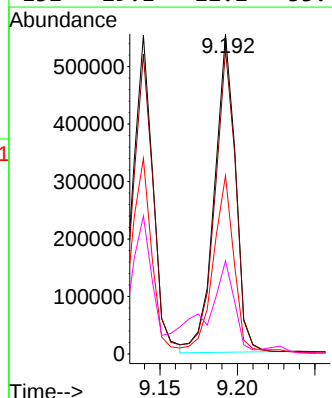
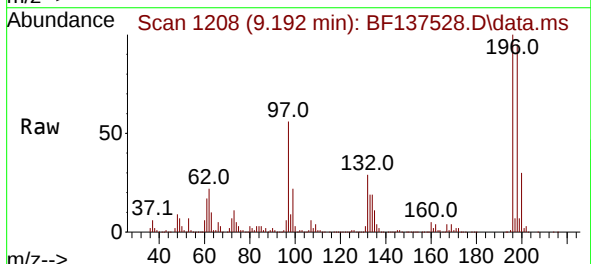
Ion Ratio Lower Upper

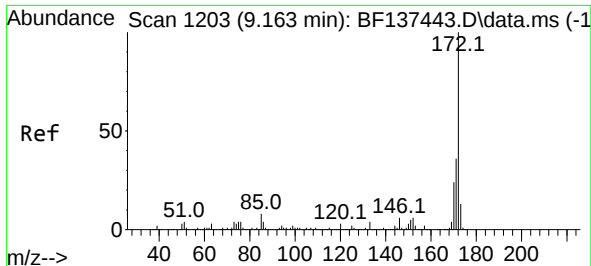
196 100

198 95.1 78.6 117.8

97 55.7 41.8 62.8

132 29.1 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 79.580 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

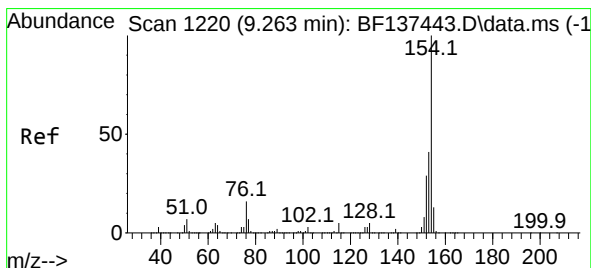
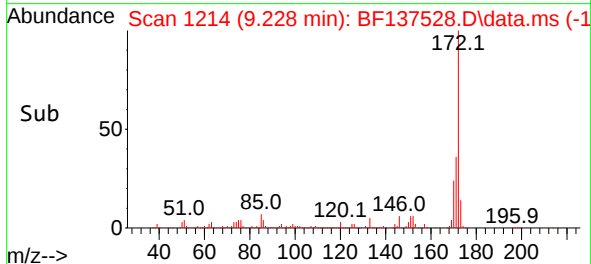
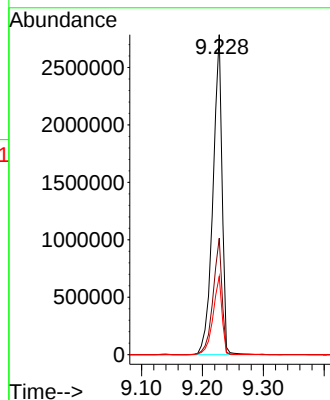
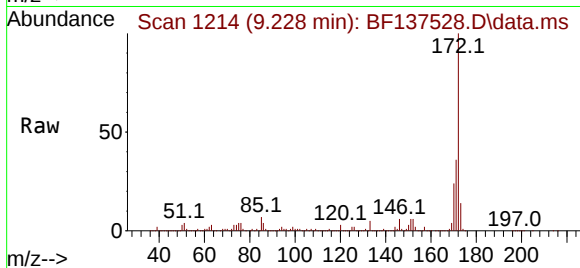
Tgt Ion:172 Resp: 2906457

Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 43.128 ng

RT: 9.328 min Scan# 1231

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

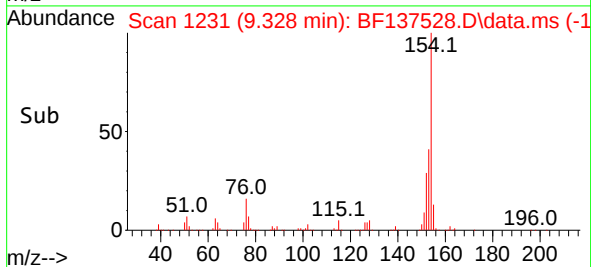
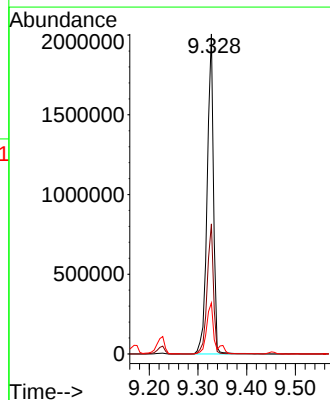
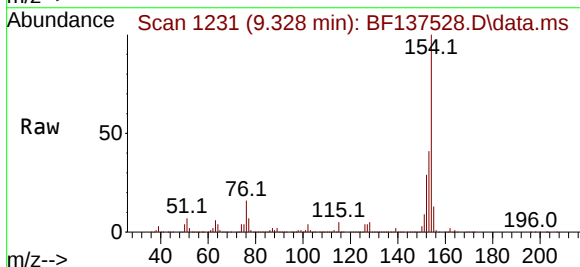
Tgt Ion:154 Resp: 1804650

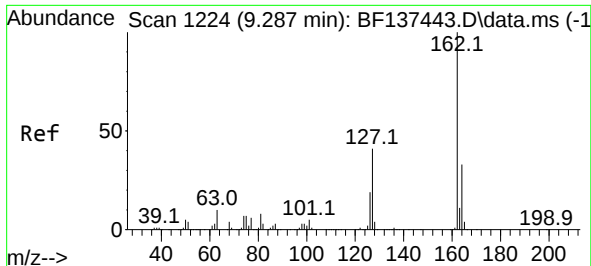
Ion Ratio Lower Upper

154 100

153 40.7 21.0 61.0

76 15.9 0.0 35.8

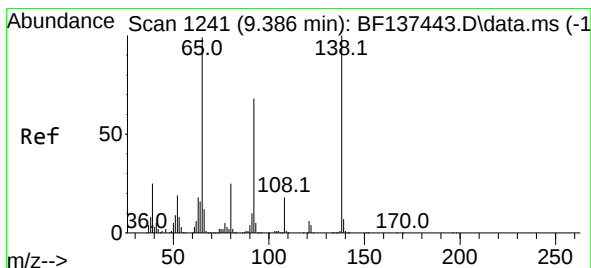
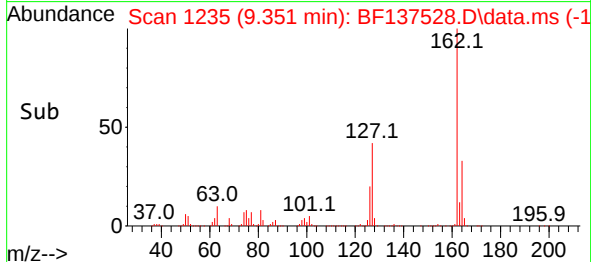
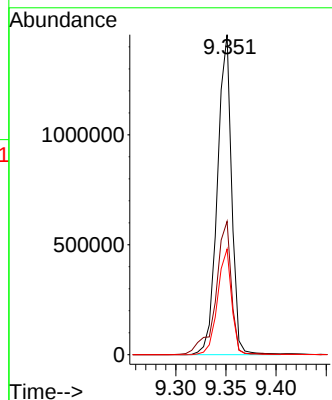
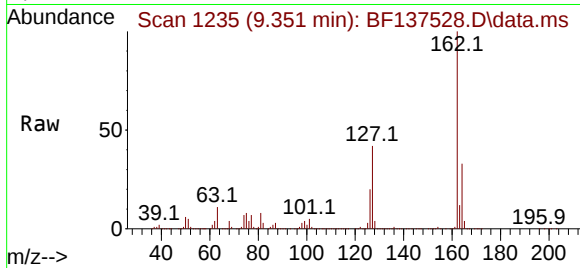




#47
2-Chloronaphthalene
Concen: 44.963 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

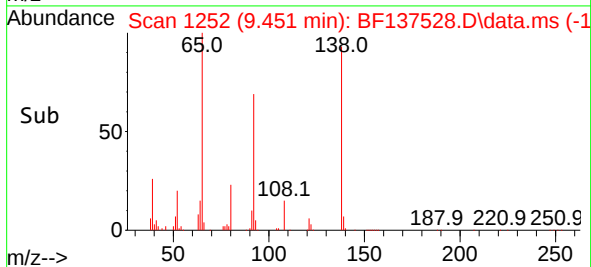
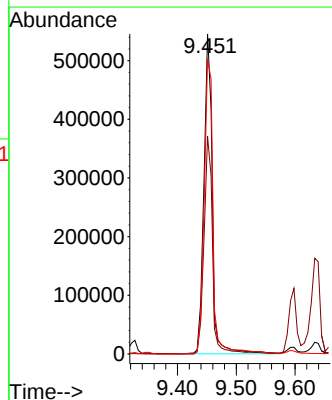
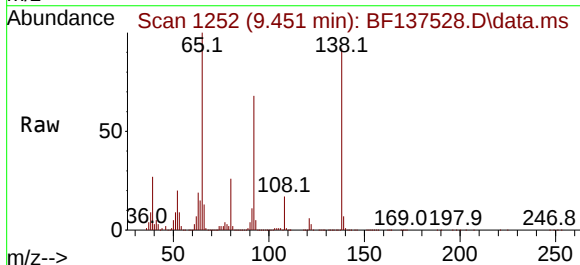
Instrument :
BNA_F
ClientSampleId :
PB159470BS

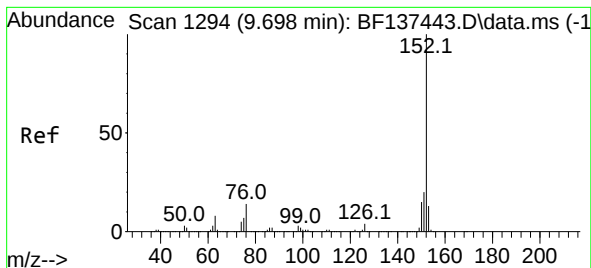
Tgt Ion:162 Resp: 1434422
Ion Ratio Lower Upper
162 100
127 41.7 32.6 49.0
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 49.991 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion: 65 Resp: 542075
Ion Ratio Lower Upper
65 100
92 68.0 55.4 83.2
138 92.3 81.0 121.6





#49

Acenaphthylene

Concen: 44.151 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

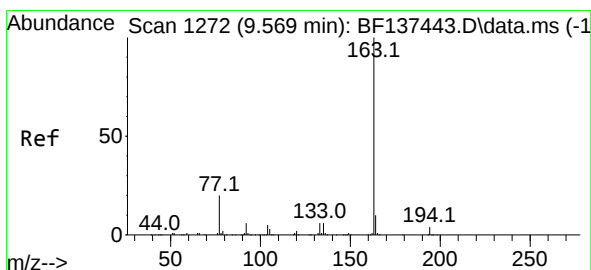
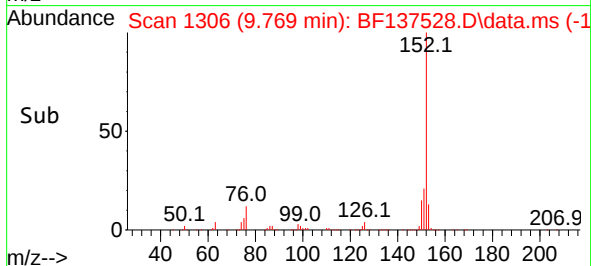
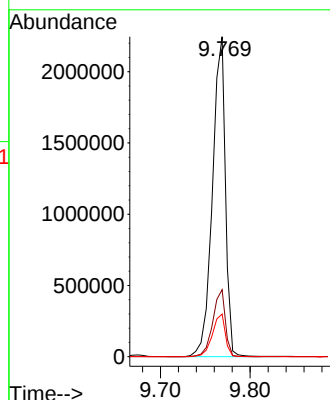
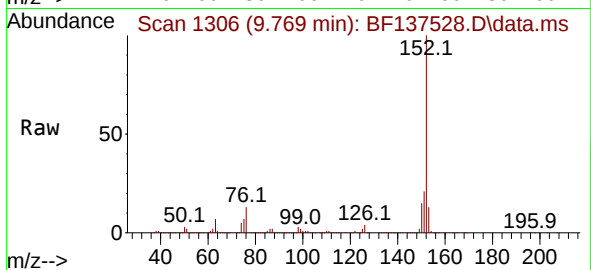
Tgt Ion:152 Resp: 2254115

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.4

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 45.507 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

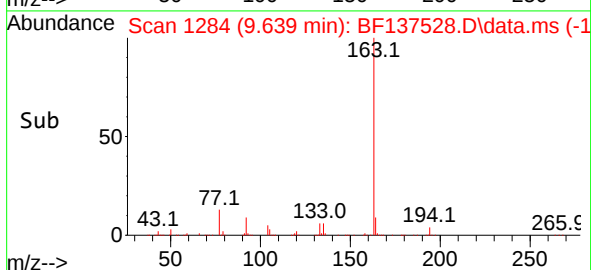
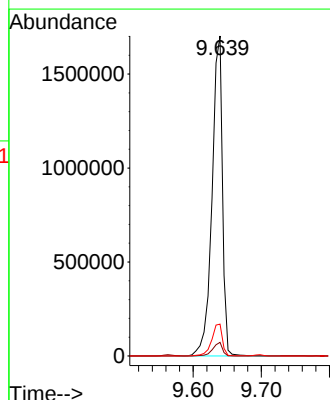
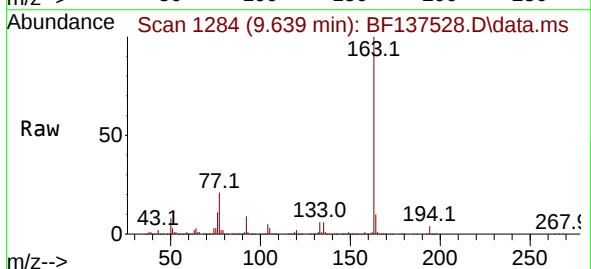
Tgt Ion:163 Resp: 1811074

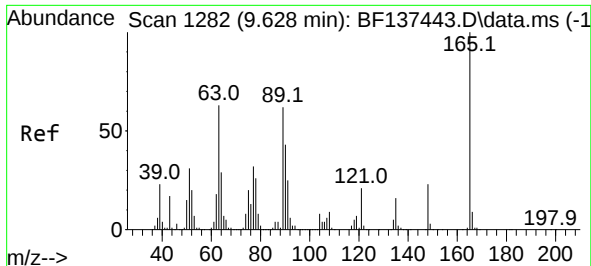
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1

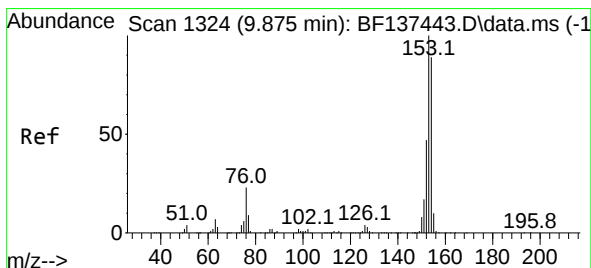
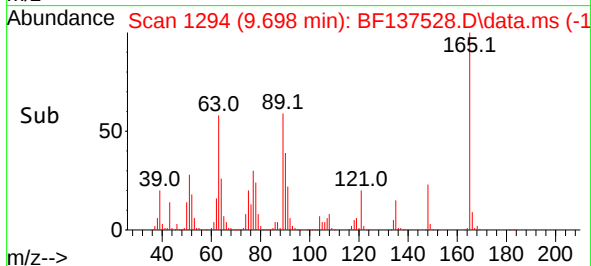
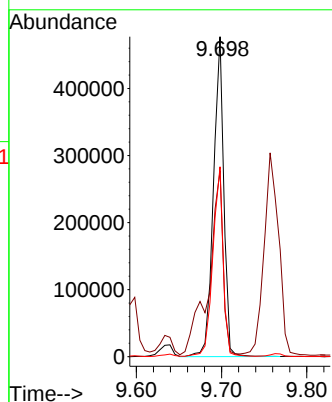
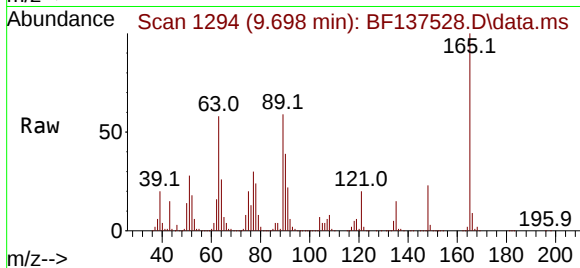




#51
2,6-Dinitrotoluene
Concen: 48.515 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

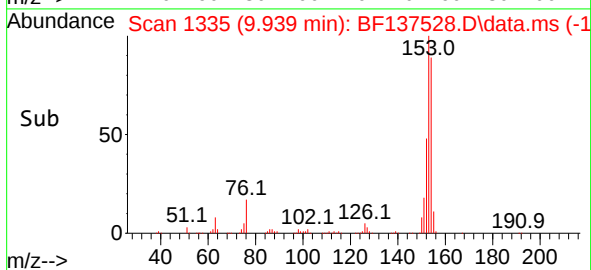
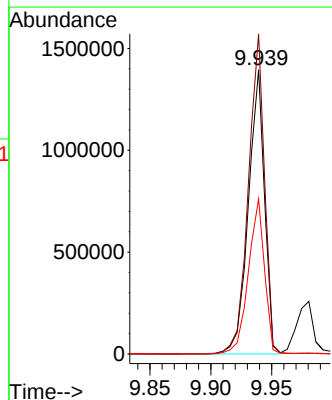
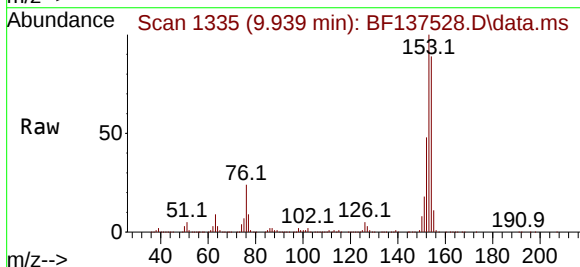
Instrument :
BNA_F
ClientSampleId :
PB159470BS

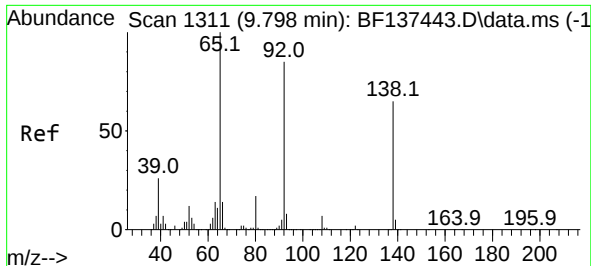
Tgt Ion:165 Resp: 403841
Ion Ratio Lower Upper
165 100
63 58.2 50.7 76.1
89 59.4 50.0 75.0



#52
Acenaphthene
Concen: 42.321 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:154 Resp: 1289944
Ion Ratio Lower Upper
154 100
153 112.6 90.3 135.5
152 54.6 42.7 64.1

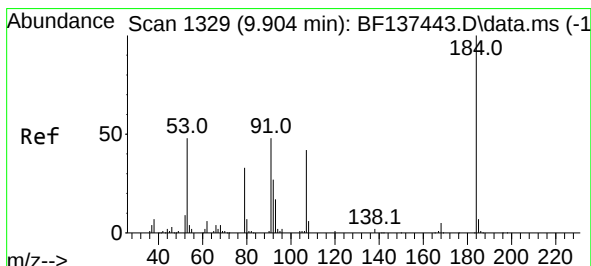
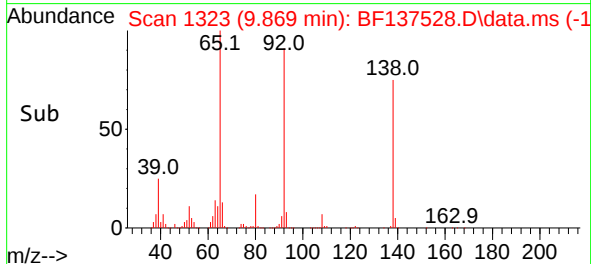
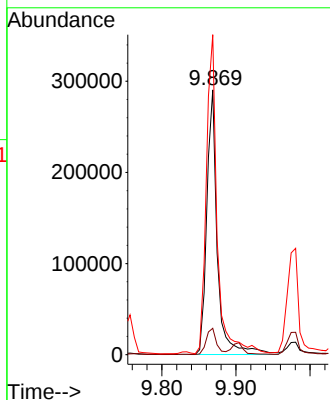
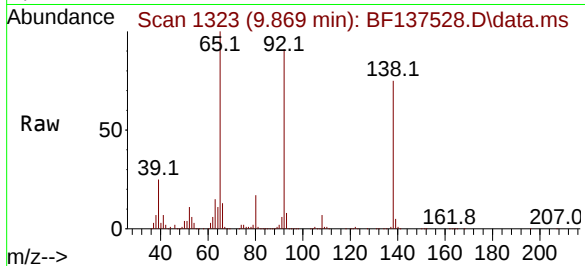




#53
3-Nitroaniline
Concen: 32.743 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

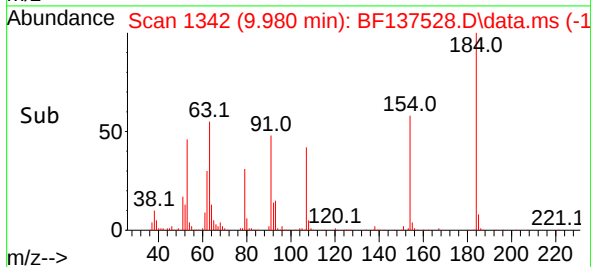
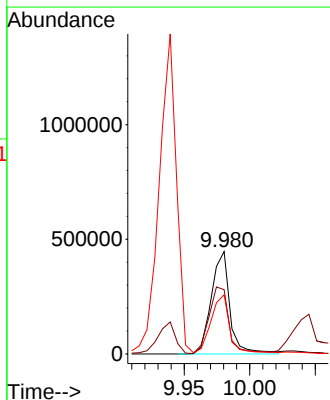
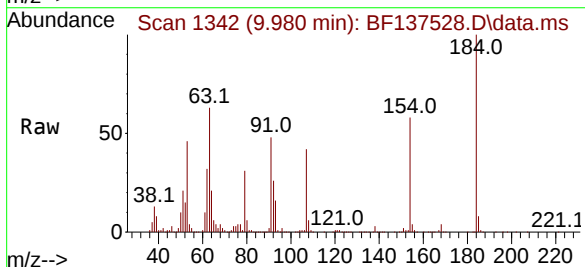
Instrument :
BNA_F
ClientSampleId :
PB159470BS

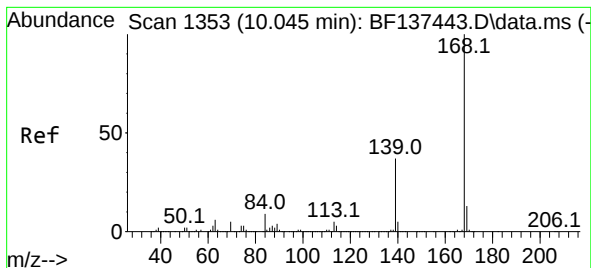
Tgt Ion:138 Resp: 288288
Ion Ratio Lower Upper
138 100
108 10.0 9.1 13.7
92 120.9 104.6 157.0



#54
2,4-Dinitrophenol
Concen: 105.782 ng
RT: 9.980 min Scan# 1342
Delta R.T. 0.018 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:184 Resp: 441474
Ion Ratio Lower Upper
184 100
63 62.8 53.3 79.9
154 57.8 47.4 71.0





#55

Dibenzenofuran

Concen: 41.736 ng

RT: 10.116 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

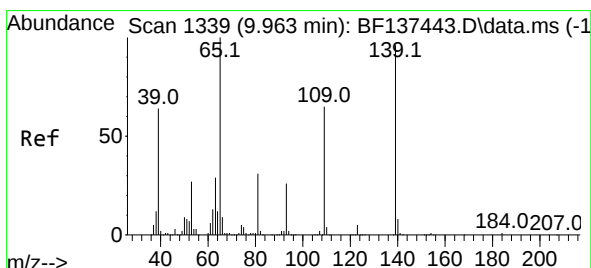
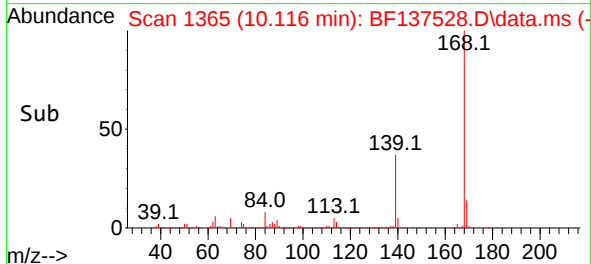
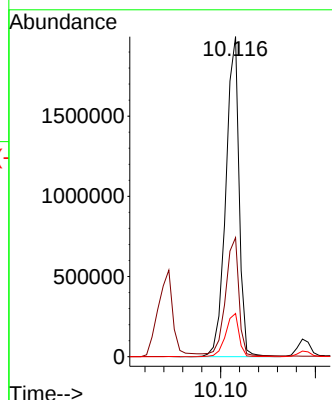
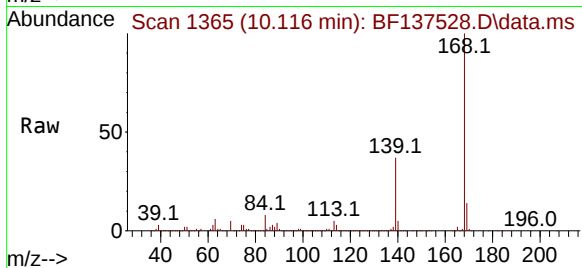
Tgt Ion:168 Resp: 1937537

Ion Ratio Lower Upper

168 100

139 37.2 29.8 44.6

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 94.535 ng

RT: 10.045 min Scan# 1353

Delta R.T. 0.024 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

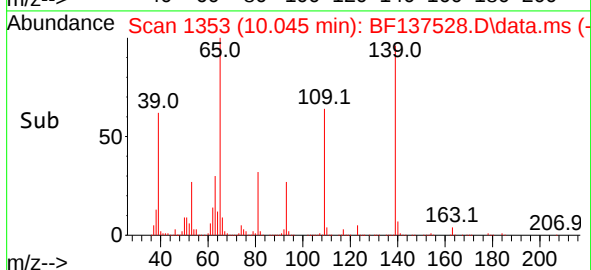
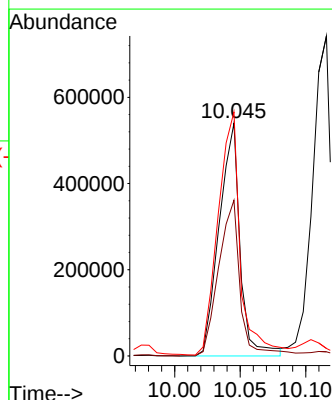
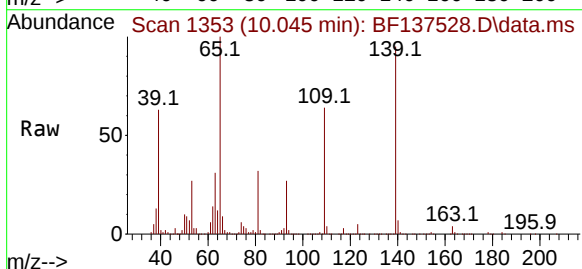
Tgt Ion:139 Resp: 597640

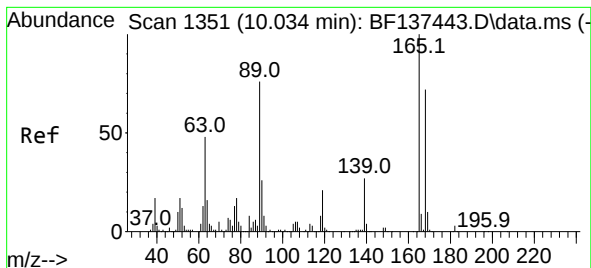
Ion Ratio Lower Upper

139 100

109 66.9 47.1 87.1

65 104.8 85.1 125.1

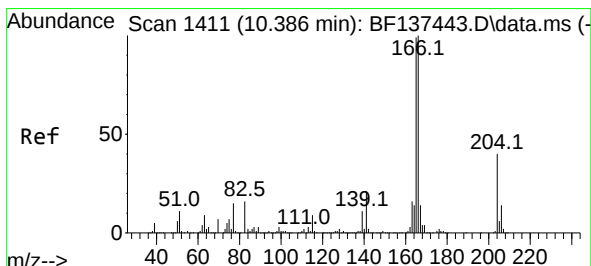
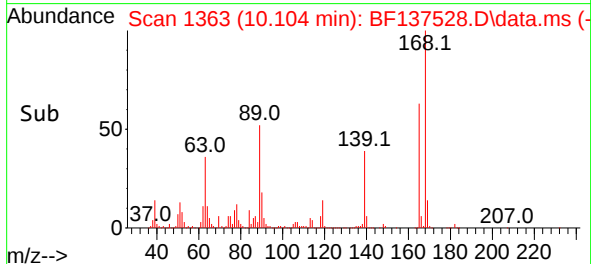
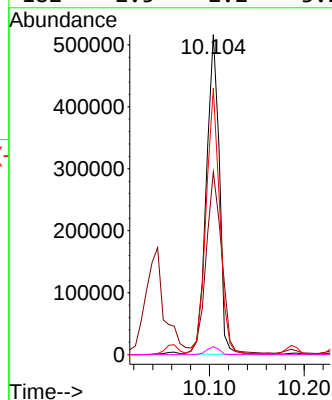
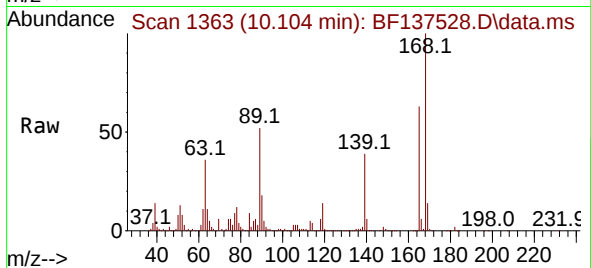




#57
2,4-Dinitrotoluene
Concen: 47.784 ng
RT: 10.104 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

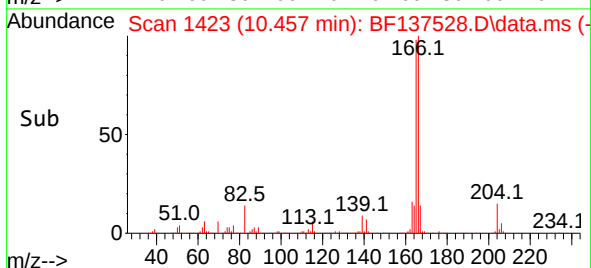
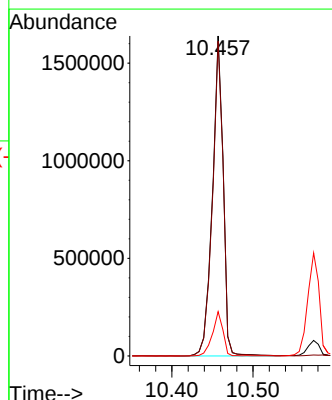
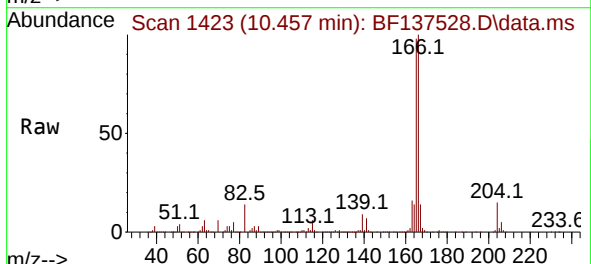
Instrument :
BNA_F
ClientSampleId :
PB159470BS

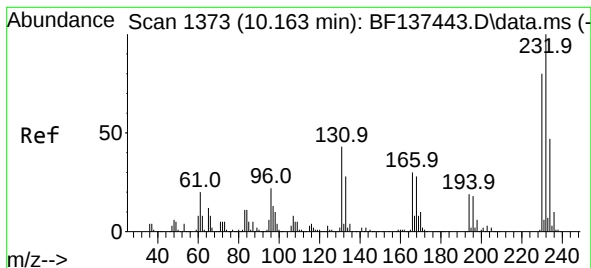
Tgt Ion:165 Resp: 488678
Ion Ratio Lower Upper
165 100
63 57.1 39.0 58.6
89 83.3 60.9 91.3
182 2.5 2.2 3.2



#58
Fluorene
Concen: 42.076 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:166 Resp: 1500104
Ion Ratio Lower Upper
166 100
165 98.4 79.2 118.8
167 13.9 11.0 16.6

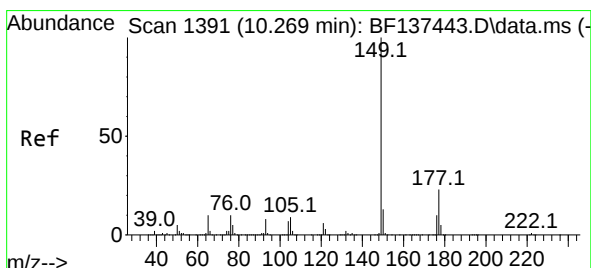
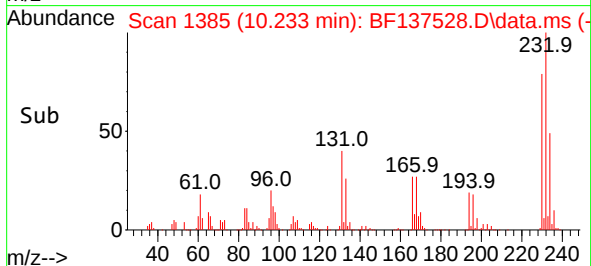
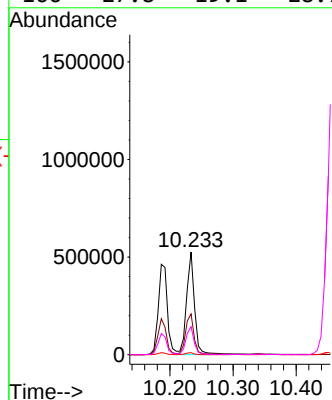
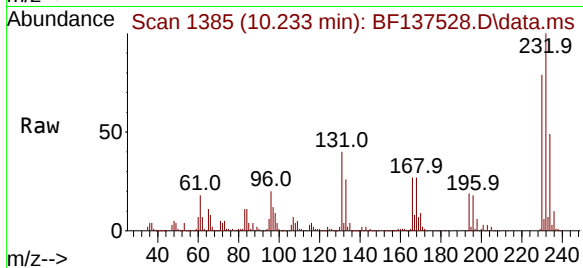




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.706 ng
RT: 10.233 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

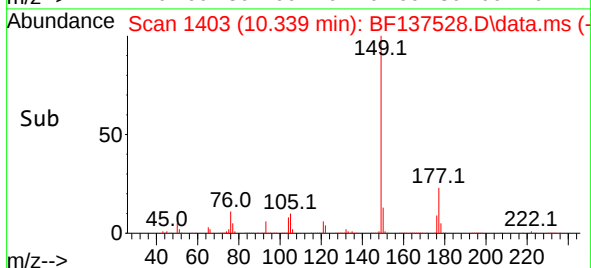
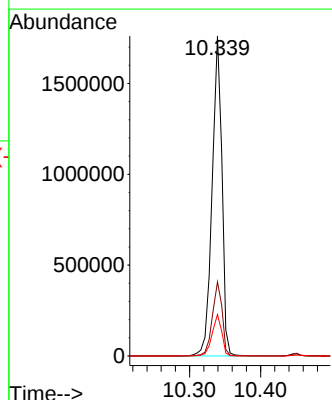
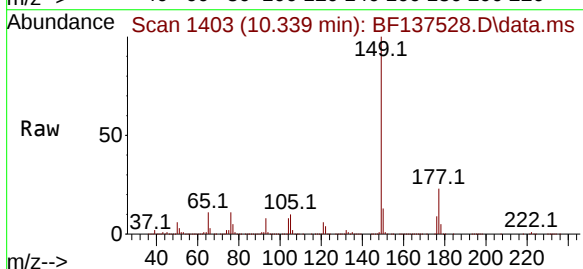
Instrument :
BNA_F
ClientSampleId :
PB159470BS

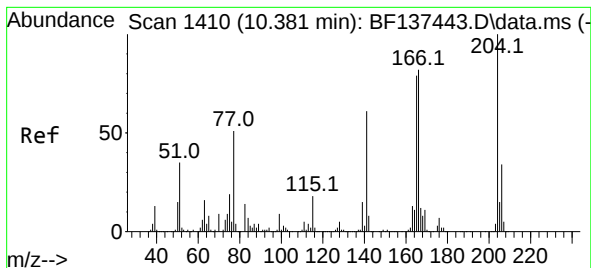
Tgt Ion:232 Resp: 458038
Ion Ratio Lower Upper
232 100
131 42.3 31.2 46.8
130 2.2 1.8 2.6
166 27.8 19.1 28.7



#60
Diethylphthalate
Concen: 45.146 ng
RT: 10.339 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:149 Resp: 1696654
Ion Ratio Lower Upper
149 100
177 23.2 18.7 28.1
150 13.0 10.2 15.4

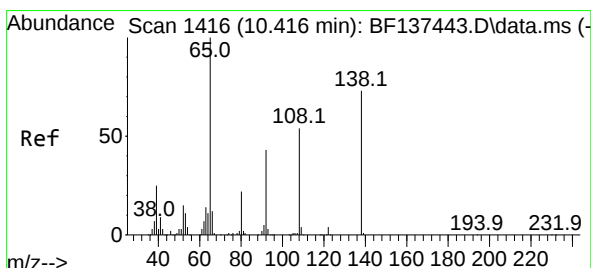
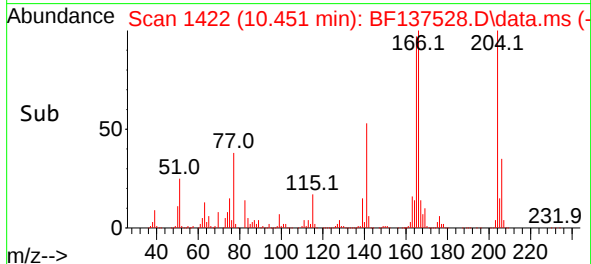
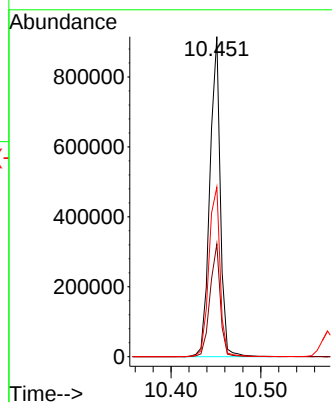
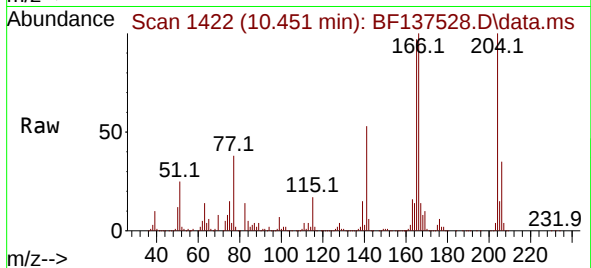




#61
4-Chlorophenyl-phenylether
Concen: 42.336 ng
RT: 10.451 min Scan# 1410
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

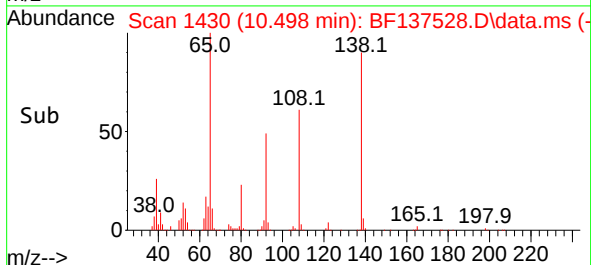
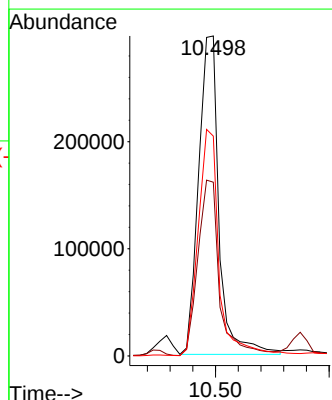
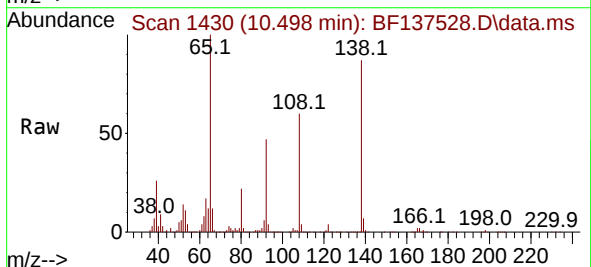
Instrument :
BNA_F
ClientSampleId :
PB159470BS

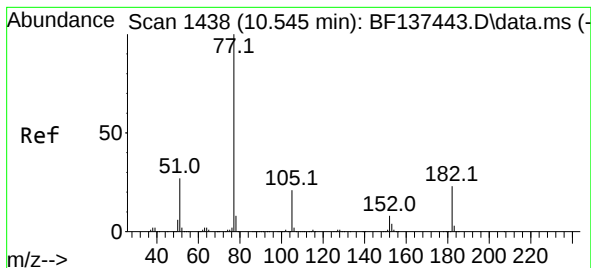
Tgt Ion:204 Resp: 739744
Ion Ratio Lower Upper
204 100
206 35.3 27.4 41.0
141 53.0 48.4 72.6



#62
4-Nitroaniline
Concen: 49.072 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.024 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:138 Resp: 371353
Ion Ratio Lower Upper
138 100
92 54.3 37.9 77.9
108 68.7 53.2 93.2





#63

Azobenzene

Concen: 43.882 ng

RT: 10.610 min Scan# 1438

Delta R.T. 0.006 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

Tgt Ion: 77 Resp: 1898992

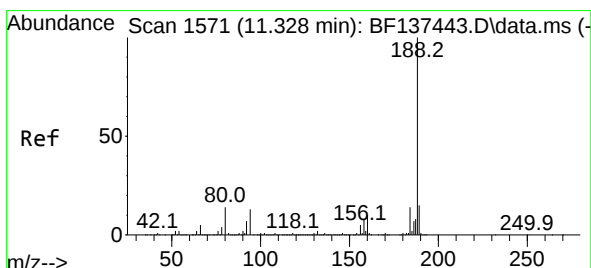
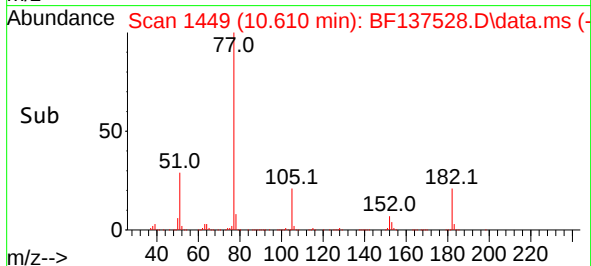
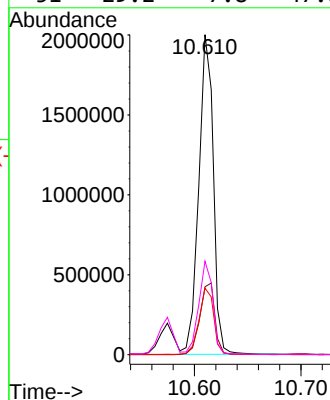
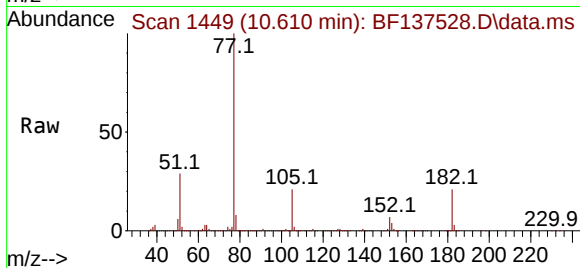
Ion Ratio Lower Upper

77 100

182 21.2 3.2 43.2

105 20.8 1.2 41.2

51 29.2 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: BF137528.D

Acq: 07 Mar 2024 14:11

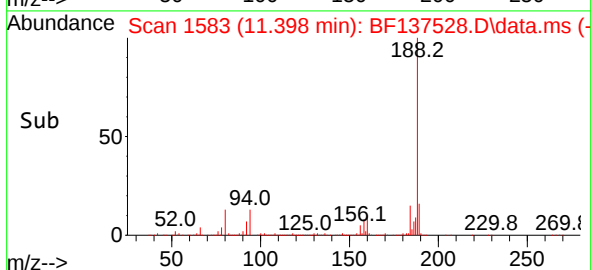
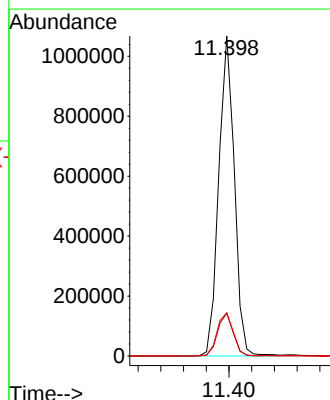
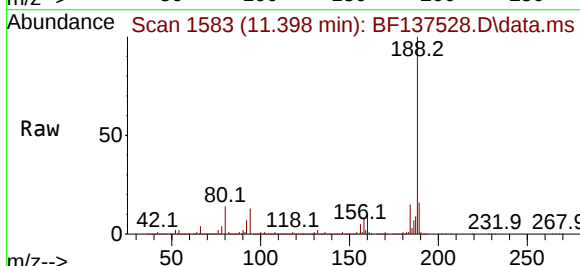
Tgt Ion:188 Resp: 1020589

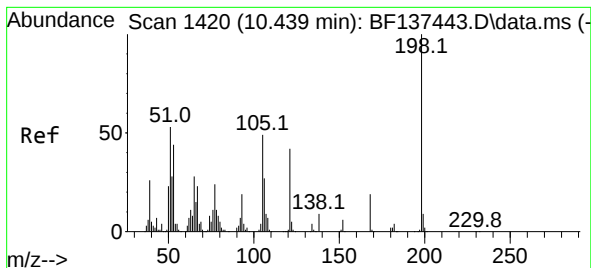
Ion Ratio Lower Upper

188 100

94 13.4 10.6 15.8

80 13.5 11.5 17.3

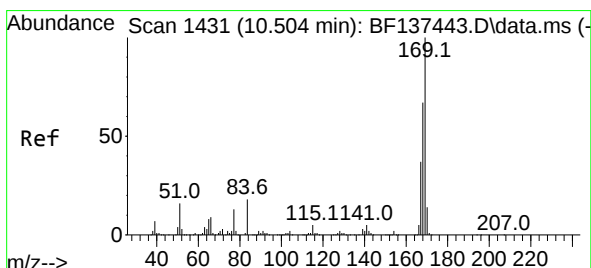
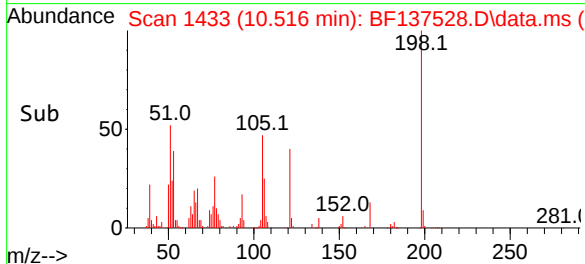
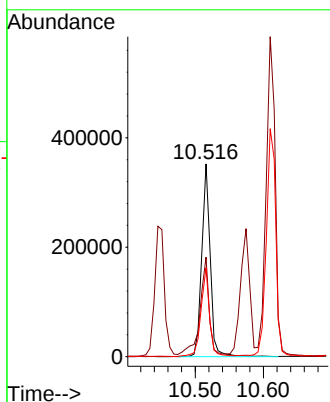
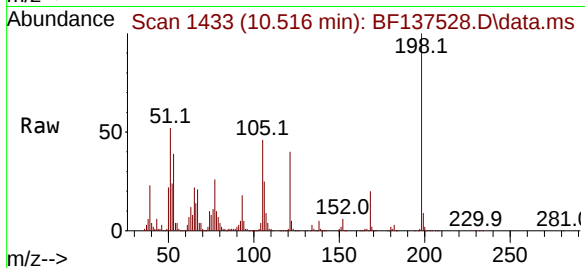




#65
4,6-Dinitro-2-methylphenol
Concen: 53.956 ng
RT: 10.516 min Scan# 1413
Delta R.T. 0.018 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

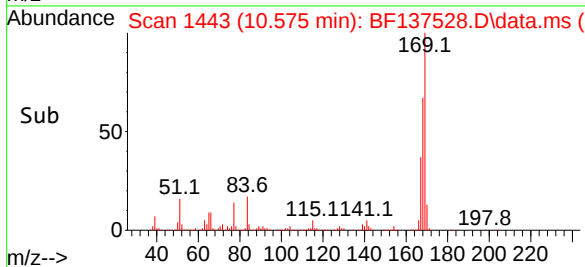
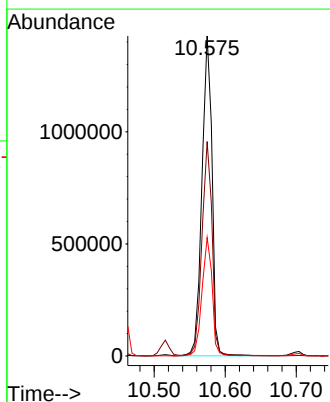
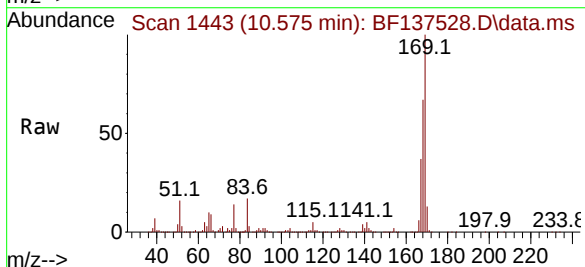
Instrument :
BNA_F
ClientSampleId :
PB159470BS

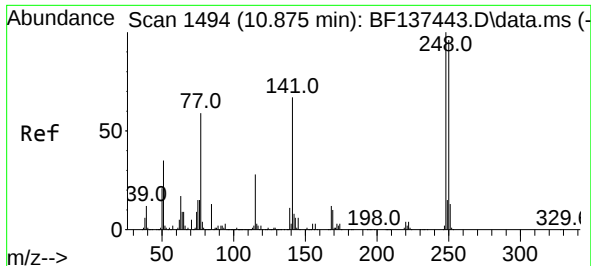
Tgt Ion:198 Resp: 306912
Ion Ratio Lower Upper
198 100
51 51.6 37.2 77.2
105 46.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 42.973 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:169 Resp: 1412293
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.6
167 37.0 29.6 44.4

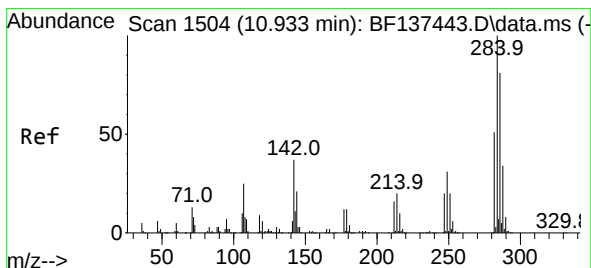
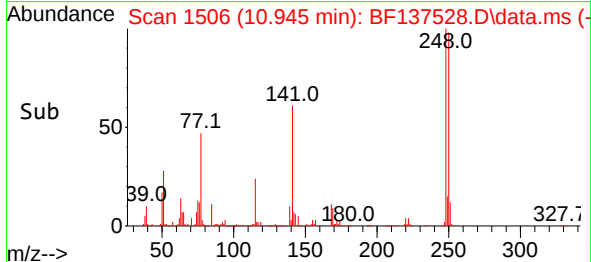
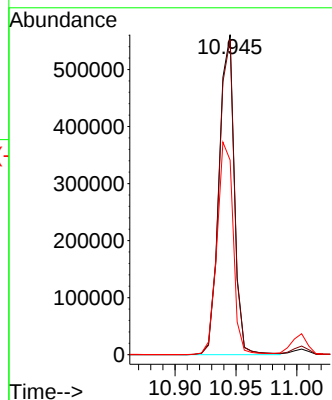
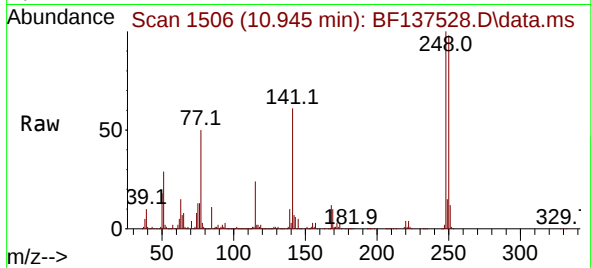




#67
4-Bromophenyl-phenylether
Concen: 44.382 ng
RT: 10.945 min Scan# 1516
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

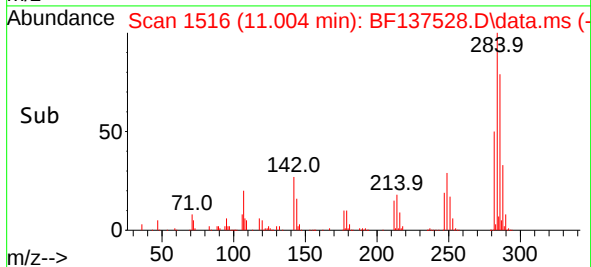
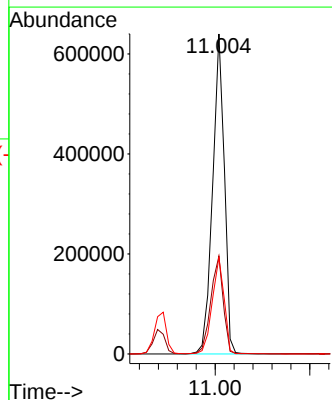
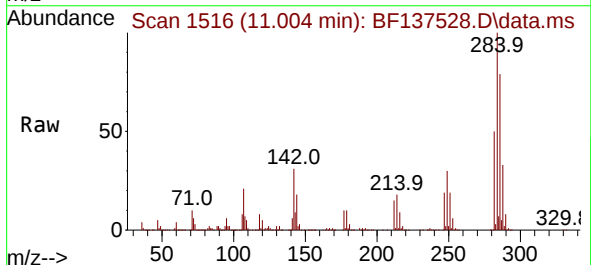
Instrument :
BNA_F
ClientSampleId :
PB159470BS

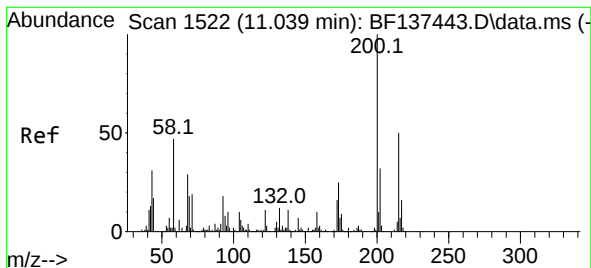
Tgt Ion:248 Resp: 493355
Ion Ratio Lower Upper
248 100
250 98.5 76.8 115.2
141 60.8 53.4 80.0



#68
Hexachlorobenzene
Concen: 48.782 ng
RT: 11.004 min Scan# 1516
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:284 Resp: 547693
Ion Ratio Lower Upper
284 100
142 30.6 29.4 44.0
249 30.2 25.0 37.4





#69

Atrazine

Concen: 42.010 ng

RT: 11.110 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

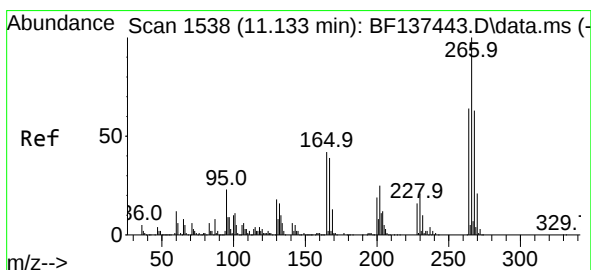
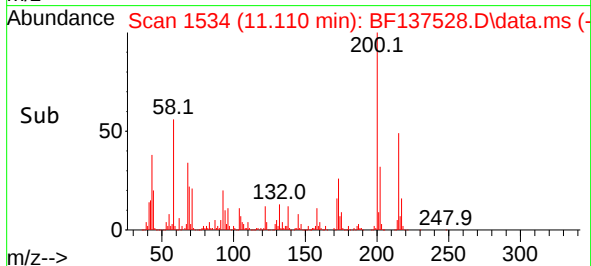
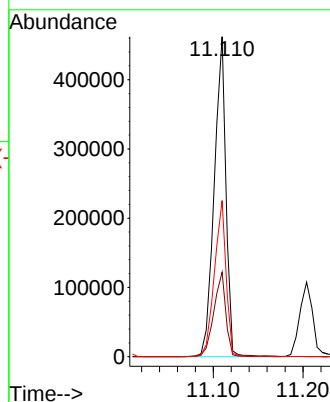
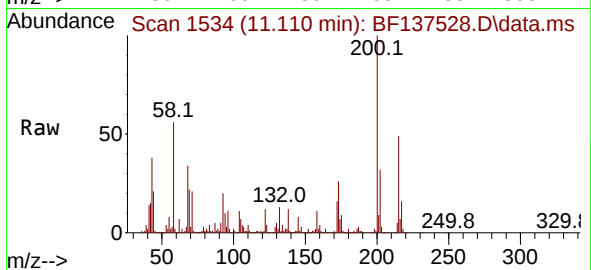
Tgt Ion:200 Resp: 419704

Ion Ratio Lower Upper

200 100

173 26.4 5.1 45.1

215 48.8 30.4 70.4



#70

Pentachlorophenol

Concen: 91.935 ng

RT: 11.204 min Scan# 1550

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

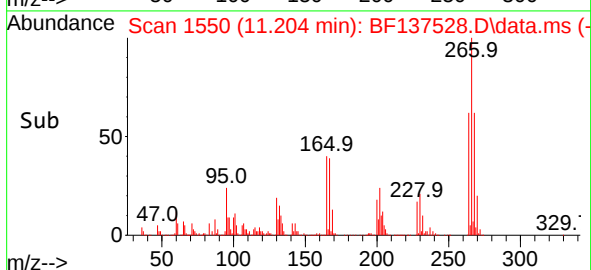
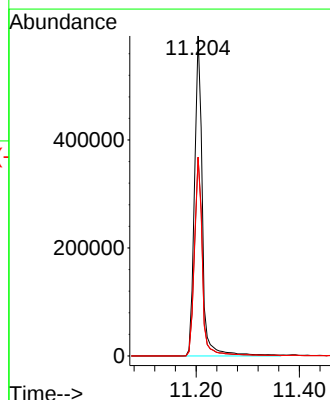
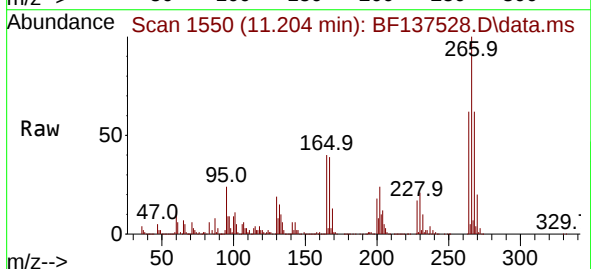
Tgt Ion:266 Resp: 623980

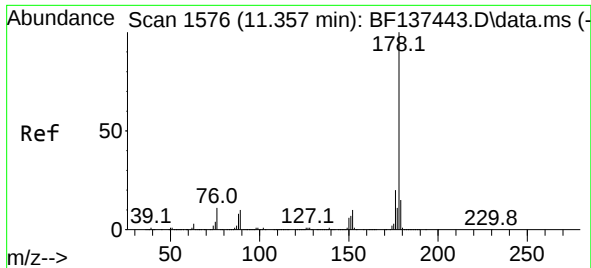
Ion Ratio Lower Upper

266 100

268 62.1 50.2 75.2

264 62.1 50.9 76.3

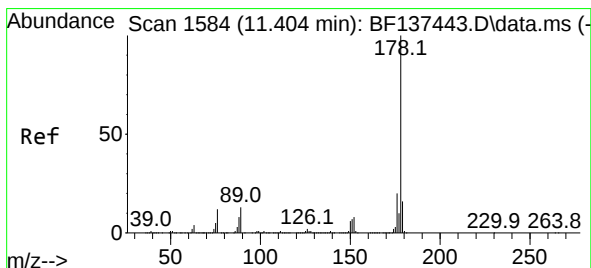
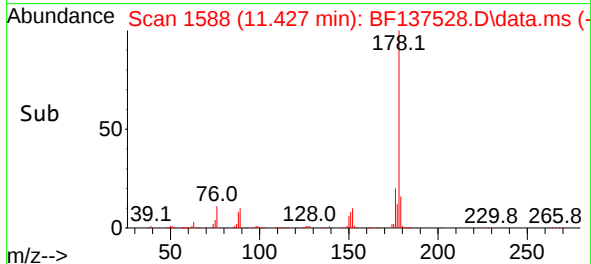
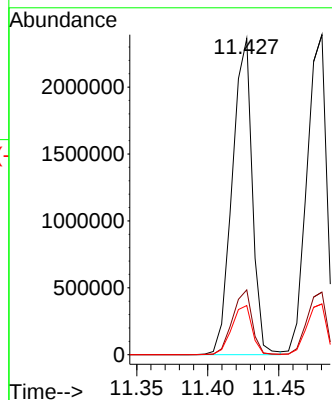
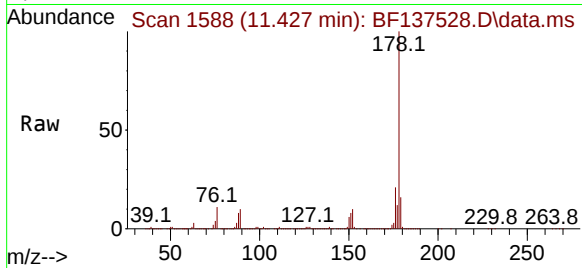




#71
Phenanthrene
Concen: 41.777 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

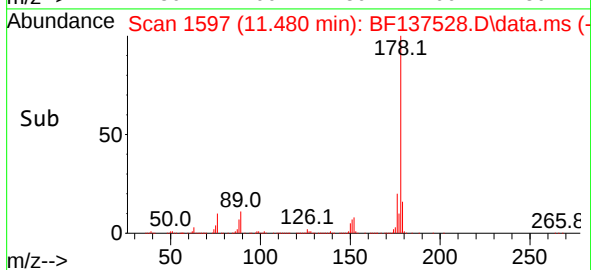
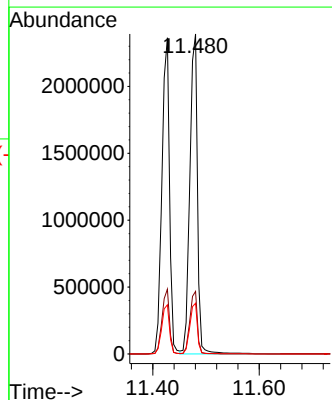
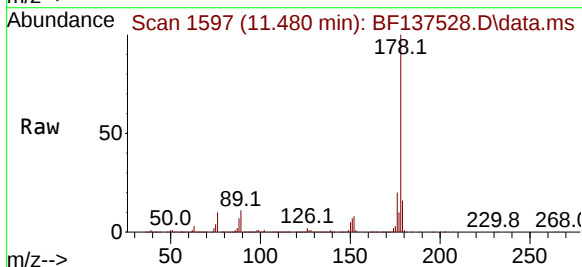
Instrument :
BNA_F
ClientSampleId :
PB159470BS

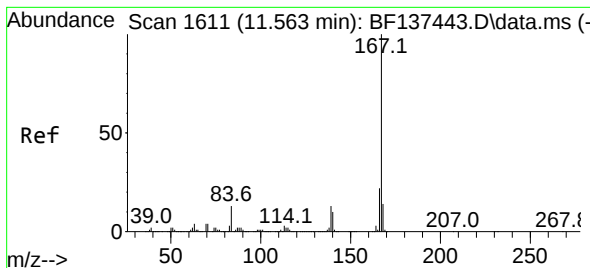
Tgt Ion:178 Resp: 2320385
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.8
179 15.6 12.2 18.2



#72
Anthracene
Concen: 41.580 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:178 Resp: 2371969
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.9 12.7 19.1





#73

Carbazole

Concen: 43.835 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

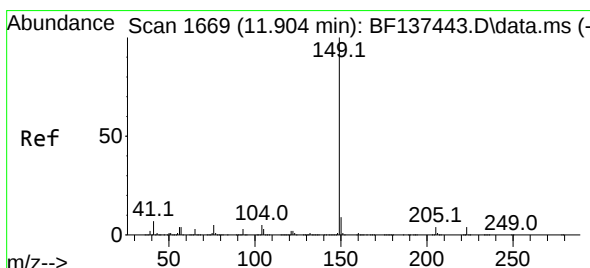
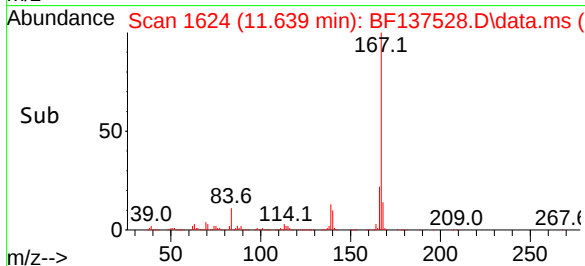
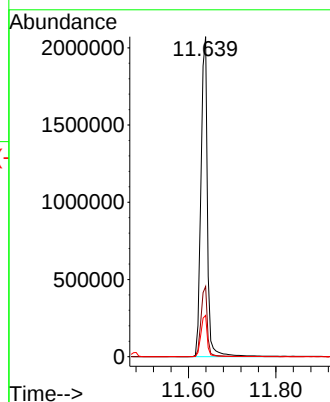
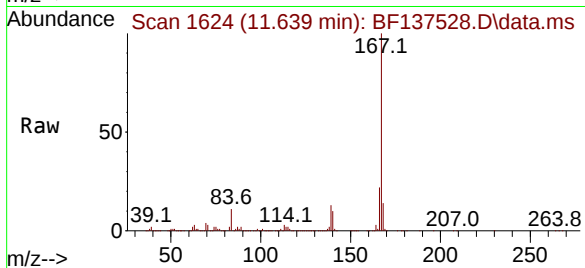
Tgt Ion:167 Resp: 2141901

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

139 12.9 10.5 15.7



#74

Di-n-butylphthalate

Concen: 45.235 ng

RT: 11.974 min Scan# 1681

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

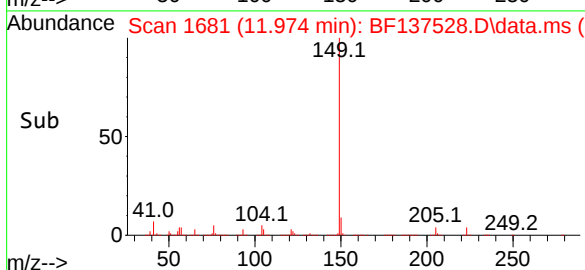
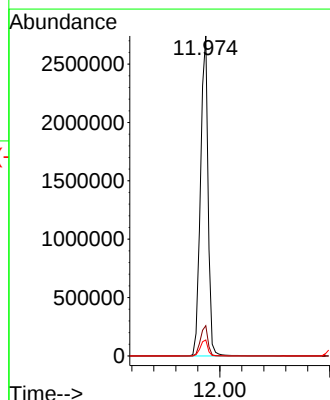
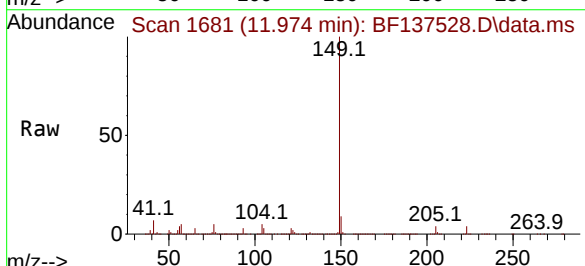
Tgt Ion:149 Resp: 2629766

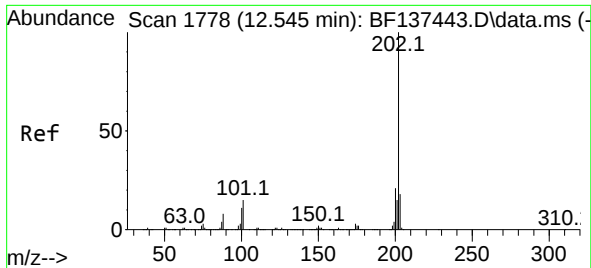
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.0 3.8 5.6

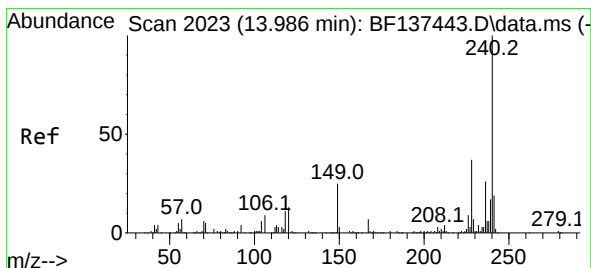
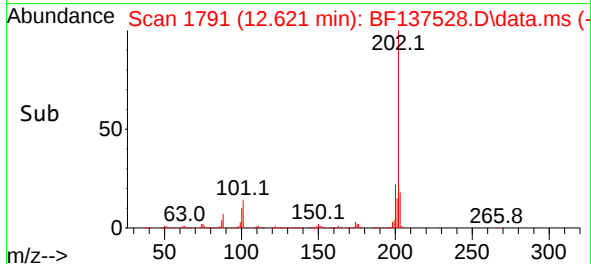
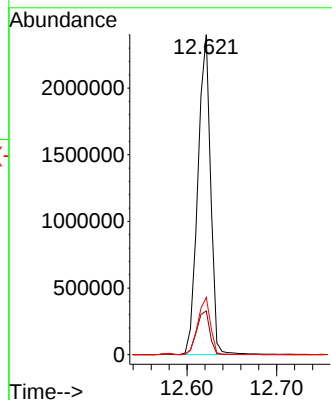
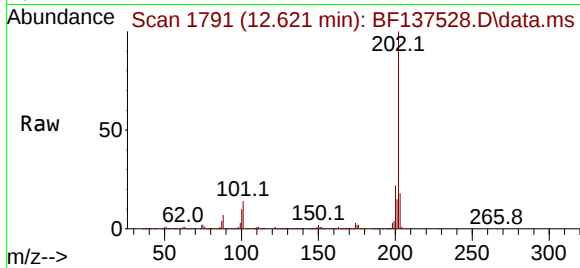




#75
Fluoranthene
Concen: 43.487 ng
RT: 12.621 min Scan# 1778
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

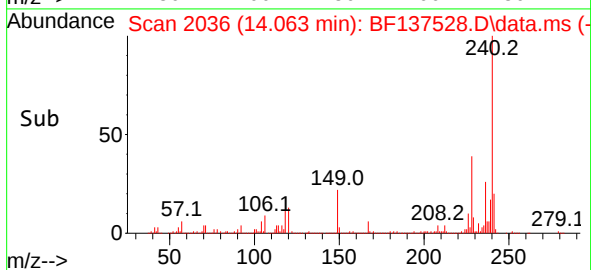
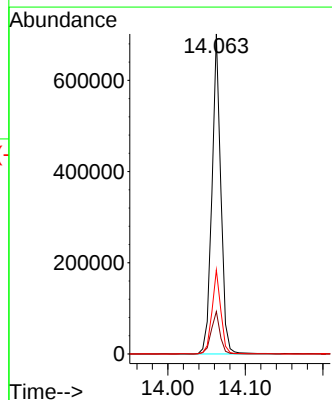
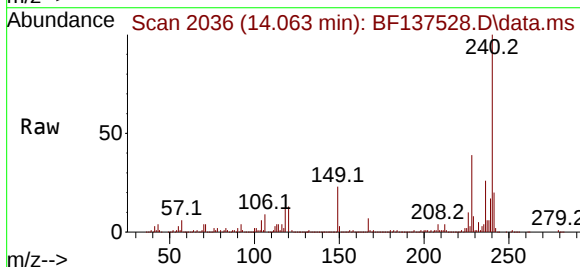
Instrument :
BNA_F
ClientSampleId :
PB159470BS

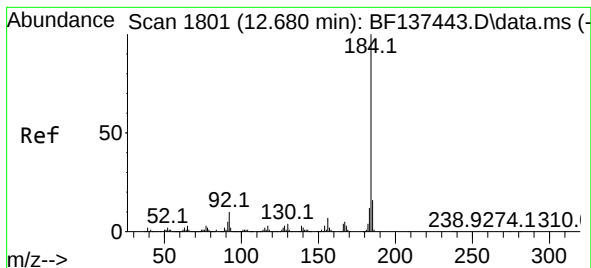
Tgt Ion:202 Resp: 2360971
Ion Ratio Lower Upper
202 100
101 13.7 0.0 35.0
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:240 Resp: 559047
Ion Ratio Lower Upper
240 100
120 13.3 10.4 15.6
236 26.3 20.9 31.3





#77

Benzidine

Concen: 21.314 ng

RT: 12.751 min Scan# 1813

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

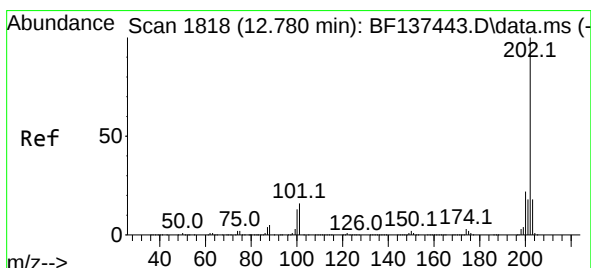
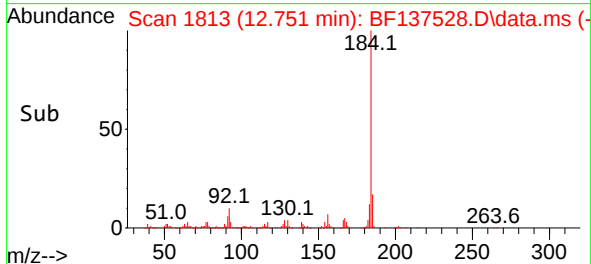
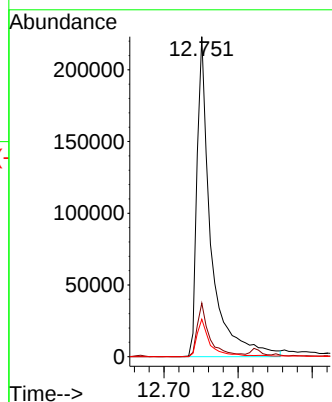
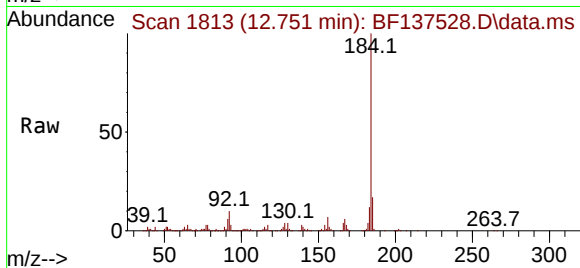
Tgt Ion:184 Resp: 291601

Ion Ratio Lower Upper

184 100

185 16.7 13.2 19.8

183 11.7 9.3 13.9



#78

Pyrene

Concen: 43.663 ng

RT: 12.851 min Scan# 1830

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

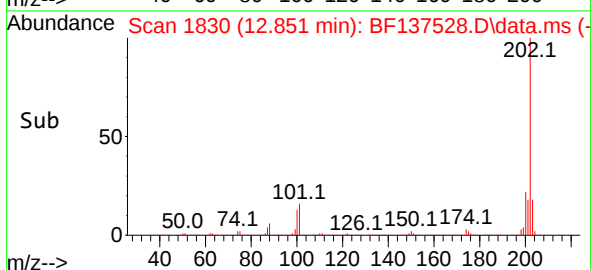
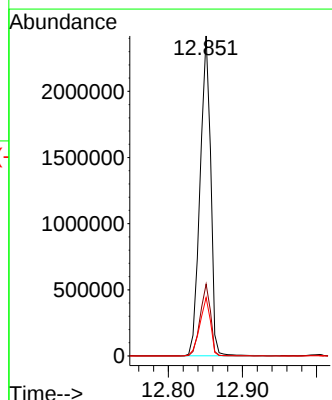
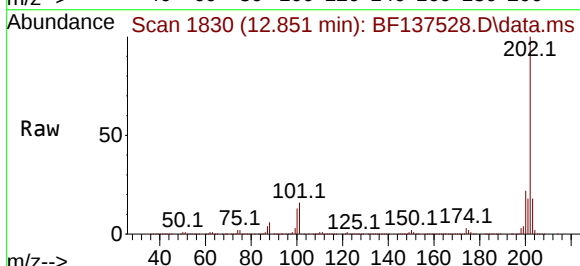
Tgt Ion:202 Resp: 2395128

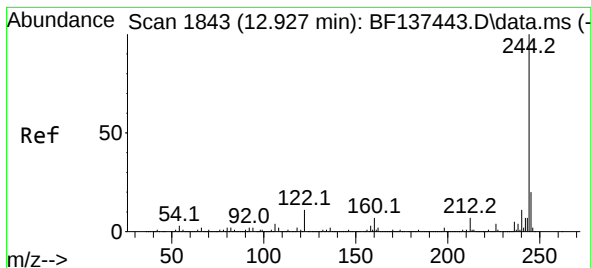
Ion Ratio Lower Upper

202 100

200 22.5 17.4 26.2

203 18.2 14.1 21.1





#79

Terphenyl-d14

Concen: 86.402 ng

RT: 13.004 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

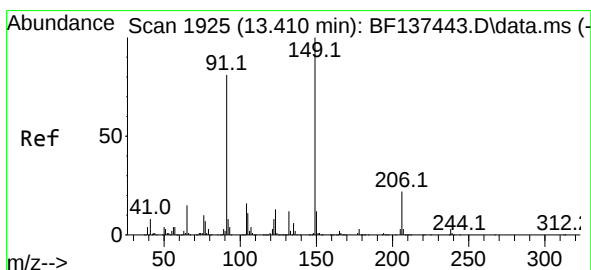
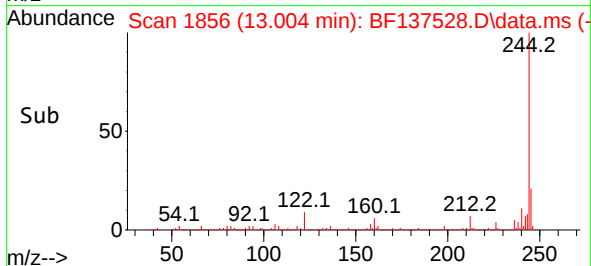
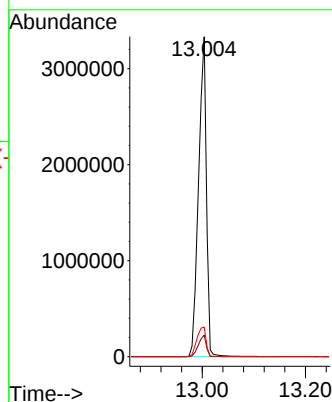
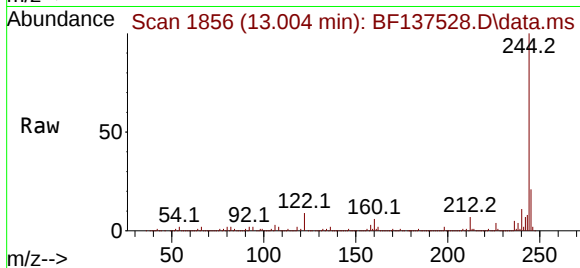
Tgt Ion:244 Resp: 3512674

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 9.2 9.1 13.7



#80

Butylbenzylphthalate

Concen: 62.008 ng

RT: 13.480 min Scan# 1937

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

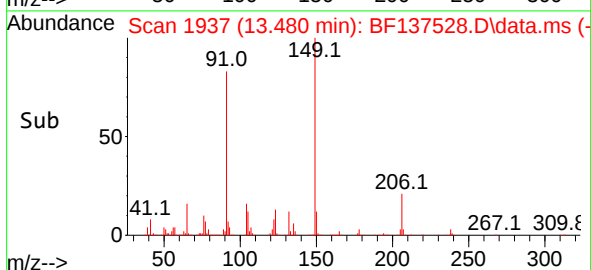
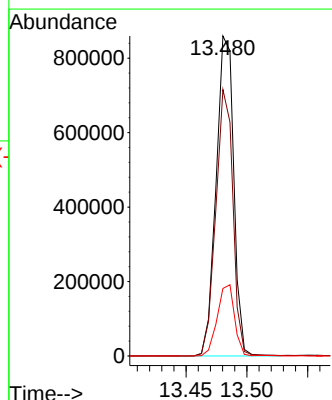
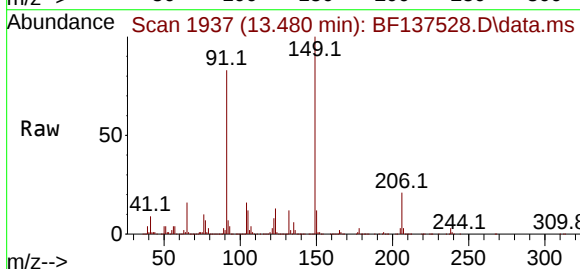
Tgt Ion:149 Resp: 868682

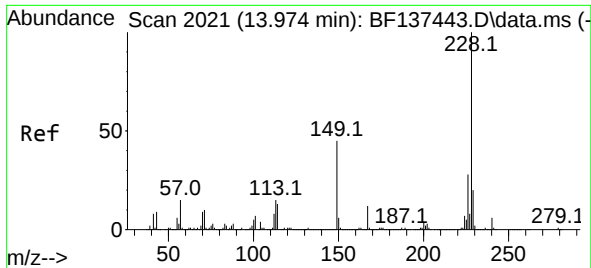
Ion Ratio Lower Upper

149 100

91 83.3 64.7 97.1

206 21.1 17.5 26.3

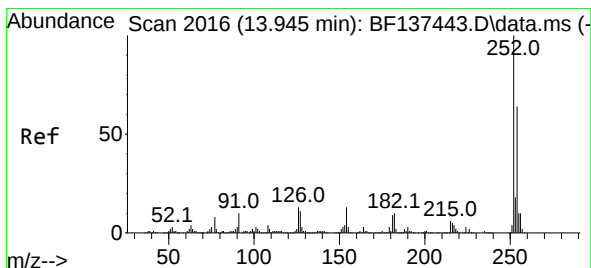
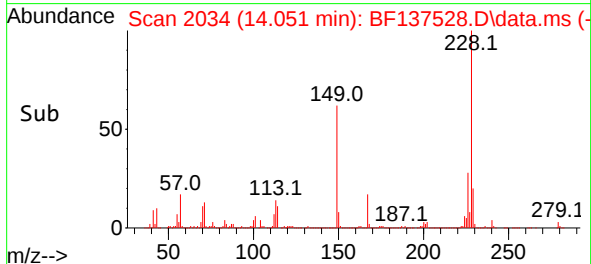
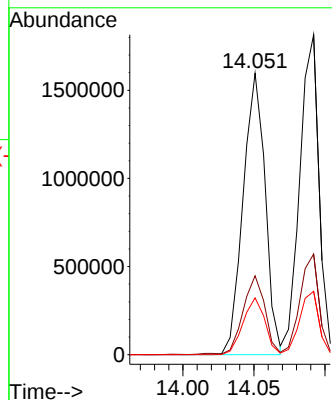
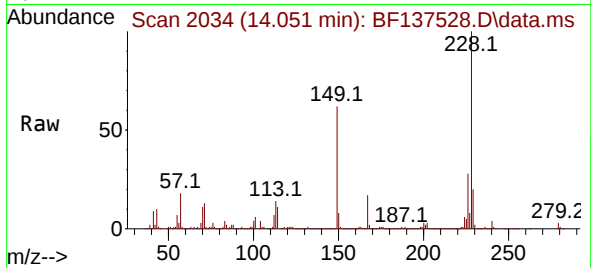




#81
Benzo(a)anthracene
Concen: 43.942 ng
RT: 14.051 min Scan# 2029
Delta R.T. 0.012 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

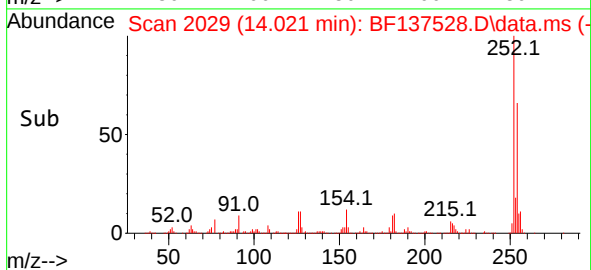
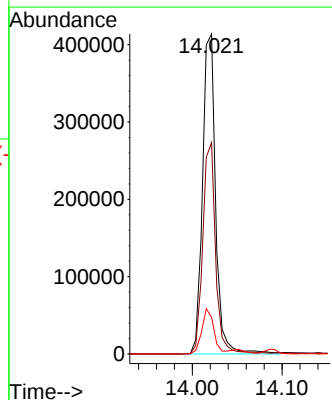
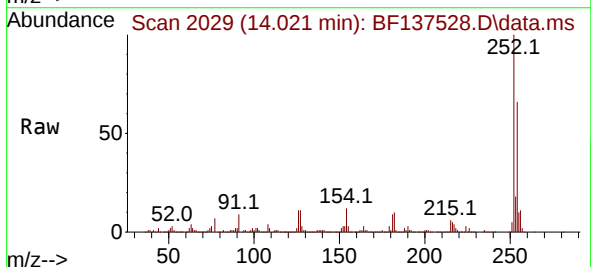
Instrument :
BNA_F
ClientSampleId :
PB159470BS

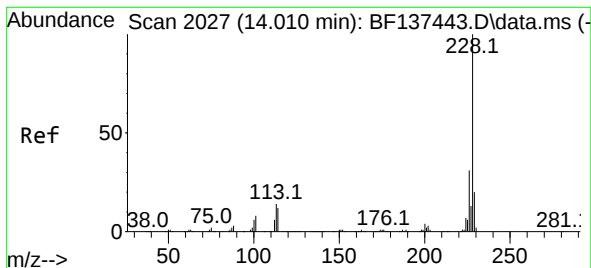
Tgt Ion:228 Resp: 1721766
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.2 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 40.384 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.018 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:252 Resp: 421385
Ion Ratio Lower Upper
252 100
254 66.1 51.4 77.2
126 11.4 10.4 15.6





#83

Chrysene

Concen: 43.892 ng

RT: 14.092 min Scan# 2034

Delta R.T. 0.018 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

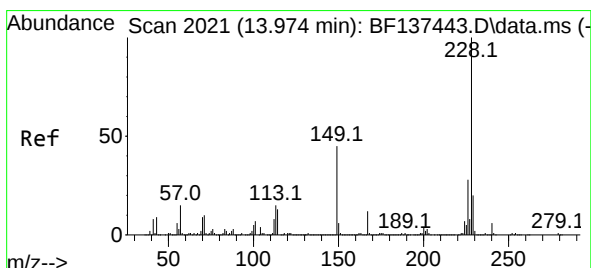
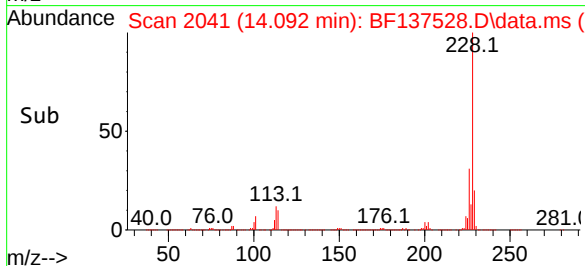
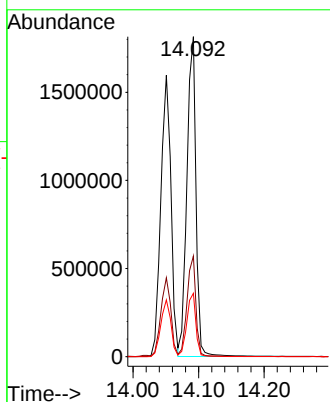
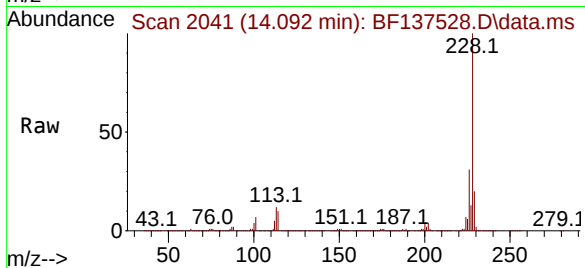
Tgt Ion:228 Resp: 1738209

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.654 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

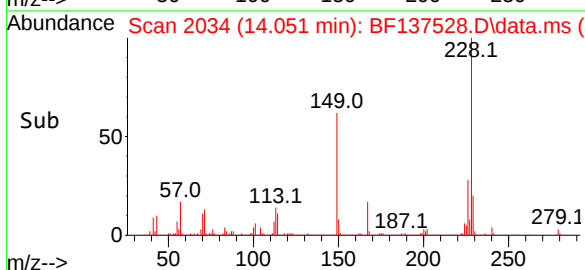
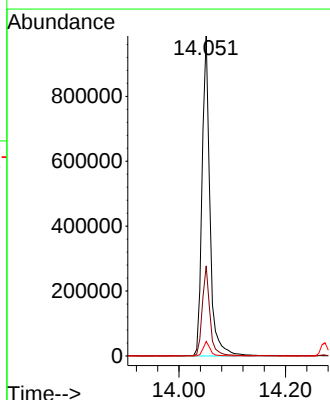
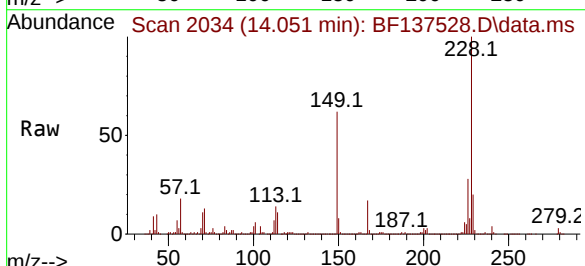
Tgt Ion:149 Resp: 1008783

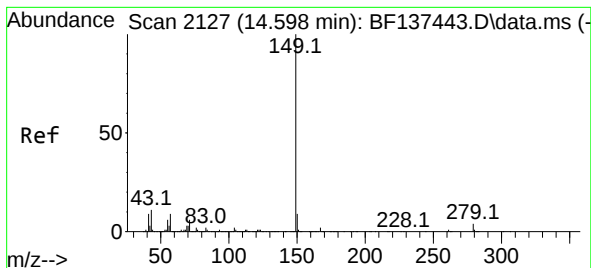
Ion Ratio Lower Upper

149 100

167 28.1 21.3 31.9

279 4.6 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 50.157 ng

RT: 14.674 min Scan# 2127

Delta R.T. 0.012 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

Instrument :

BNA_F

ClientSampleId :

PB159470BS

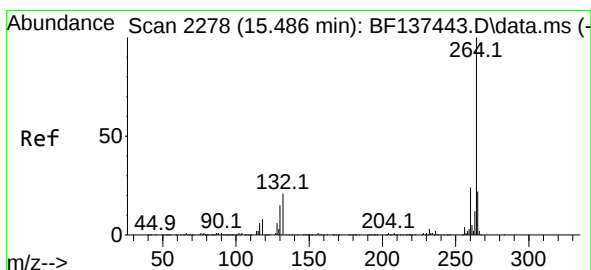
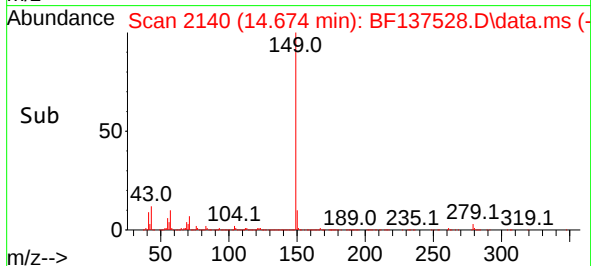
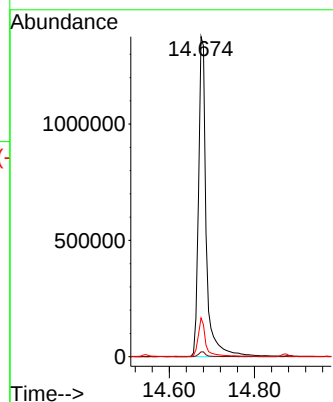
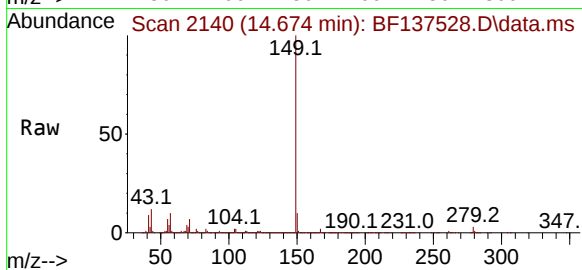
Tgt Ion:149 Resp: 1731059

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 11.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.592 min Scan# 2296

Delta R.T. 0.024 min

Lab File: BF137528.D

Acq: 07 Mar 2024 14:11

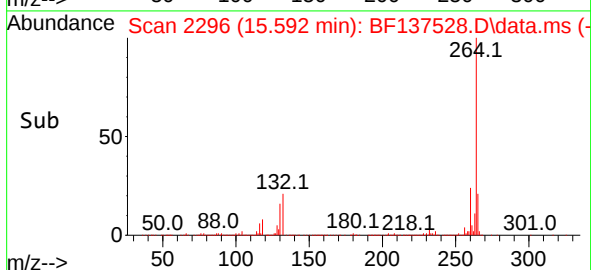
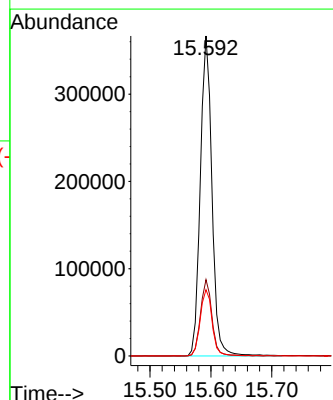
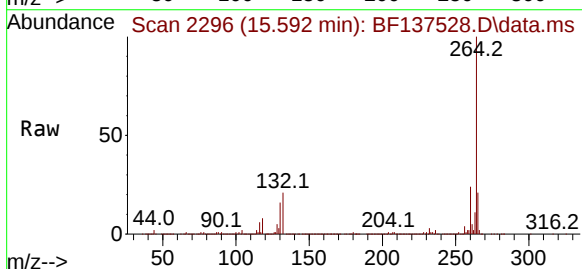
Tgt Ion:264 Resp: 486116

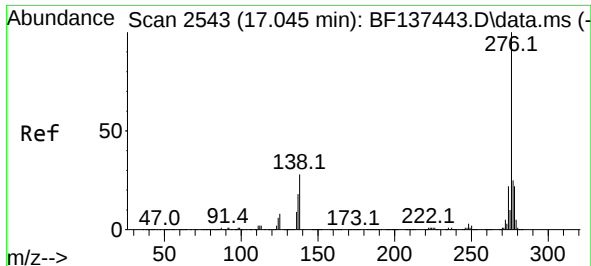
Ion Ratio Lower Upper

264 100

260 23.8 19.3 28.9

265 20.7 17.4 26.0

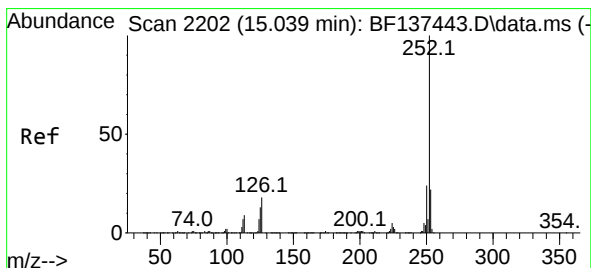
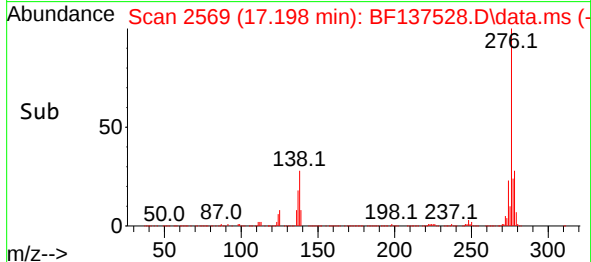
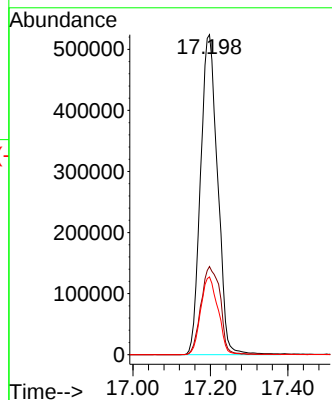
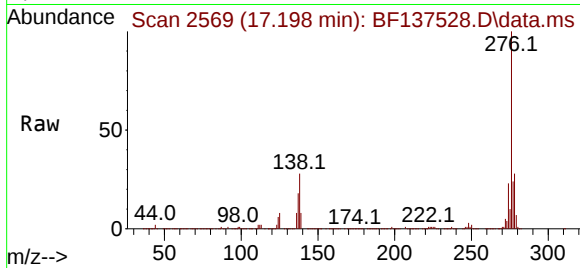




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.904 ng
 RT: 17.198 min Scan# 2119
 Delta R.T. 0.041 min
 Lab File: BF137528.D
 Acq: 07 Mar 2024 14:11

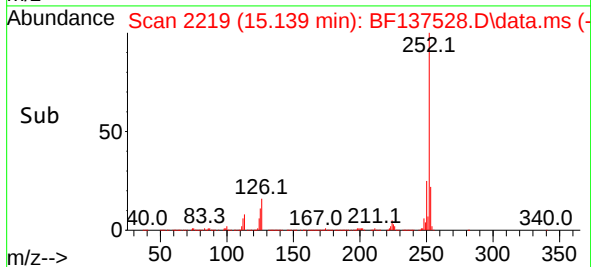
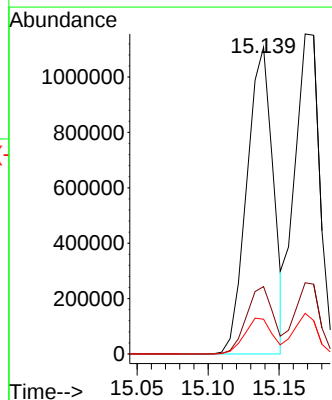
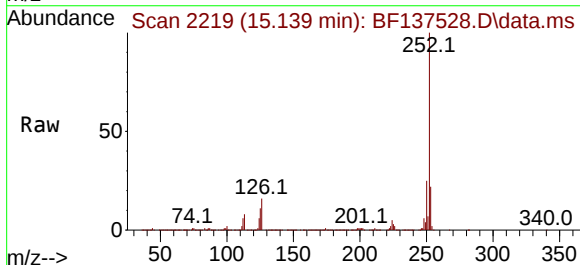
Instrument :
 BNA_F
 ClientSampleId :
 PB159470BS

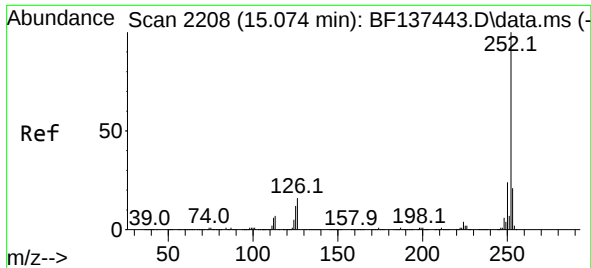
Tgt Ion:276 Resp: 1596410
 Ion Ratio Lower Upper
 276 100
 138 30.8 25.8 38.8
 277 24.9 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 49.697 ng
 RT: 15.139 min Scan# 2219
 Delta R.T. 0.024 min
 Lab File: BF137528.D
 Acq: 07 Mar 2024 14:11

Tgt Ion:252 Resp: 1429059
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 11.3 10.1 15.1

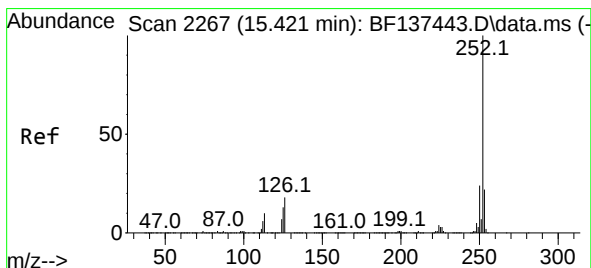
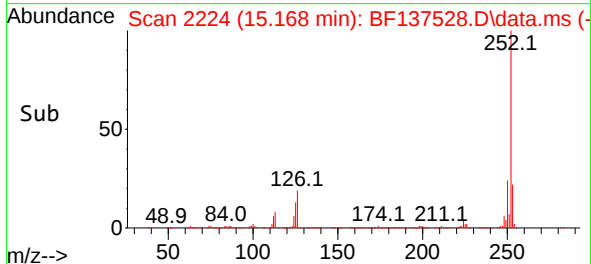
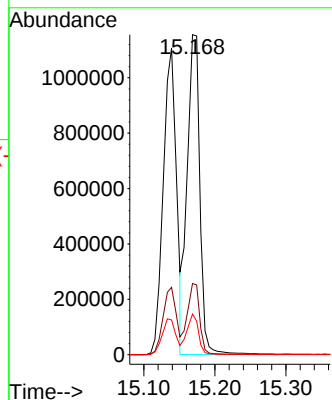
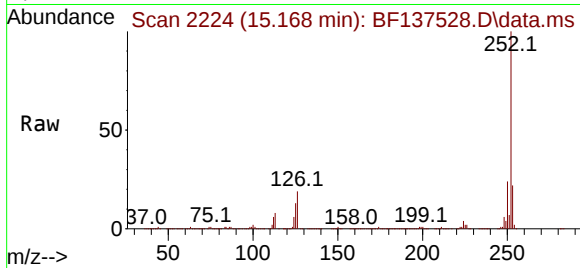




#89
Benzo(k)fluoranthene
Concen: 46.616 ng
RT: 15.168 min Scan# 211
Delta R.T. 0.018 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

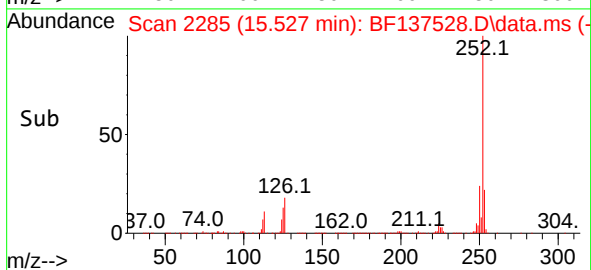
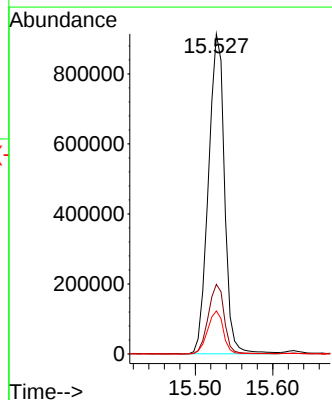
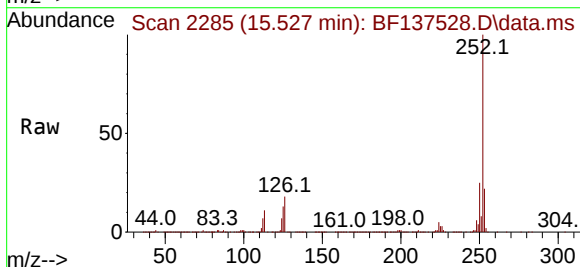
Instrument :
BNA_F
ClientSampleId :
PB159470BS

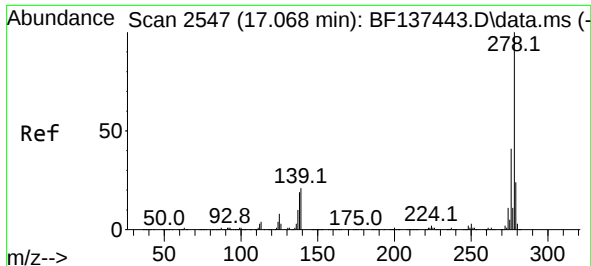
Tgt Ion:252 Resp: 1439800
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 12.7 9.6 14.4



#90
Benzo(a)pyrene
Concen: 46.427 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.024 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:252 Resp: 1315614
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 13.5 10.4 15.6

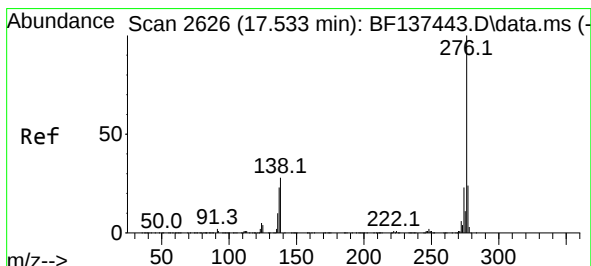
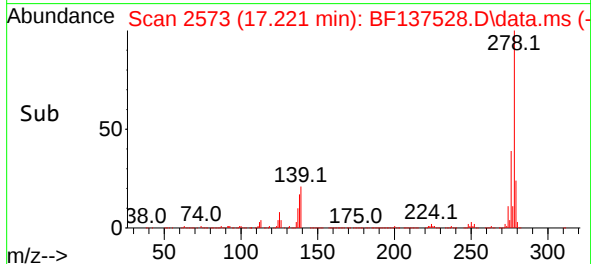
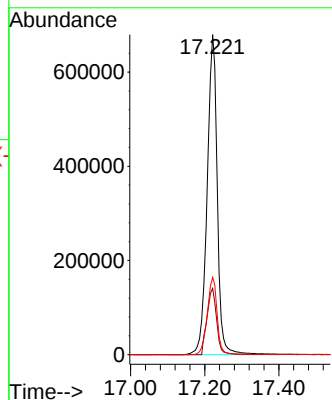
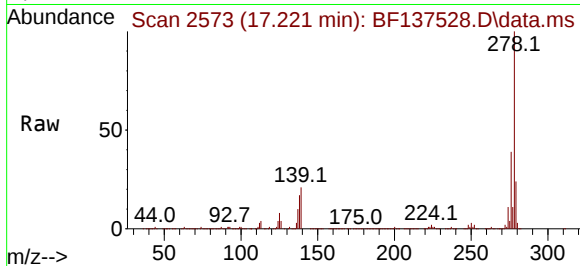




#91
Dibenzo(a,h)anthracene
Concen: 49.791 ng
RT: 17.221 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Instrument :
BNA_F
ClientSampleId :
PB159470BS

Tgt Ion:278 Resp: 1292094
Ion Ratio Lower Upper
278 100
139 20.7 17.0 25.6
279 24.1 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 48.380 ng
RT: 17.686 min Scan# 2652
Delta R.T. 0.047 min
Lab File: BF137528.D
Acq: 07 Mar 2024 14:11

Tgt Ion:276 Resp: 1289360
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 26.3 22.2 33.2

