

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137543.D
 Acq On : 08 Mar 2024 15:11
 Operator : CG\JU
 Sample : P1705-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2B

Quant Time: Mar 08 22:16:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 08 22:10:14 2024
 Response via : Initial Calibration

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

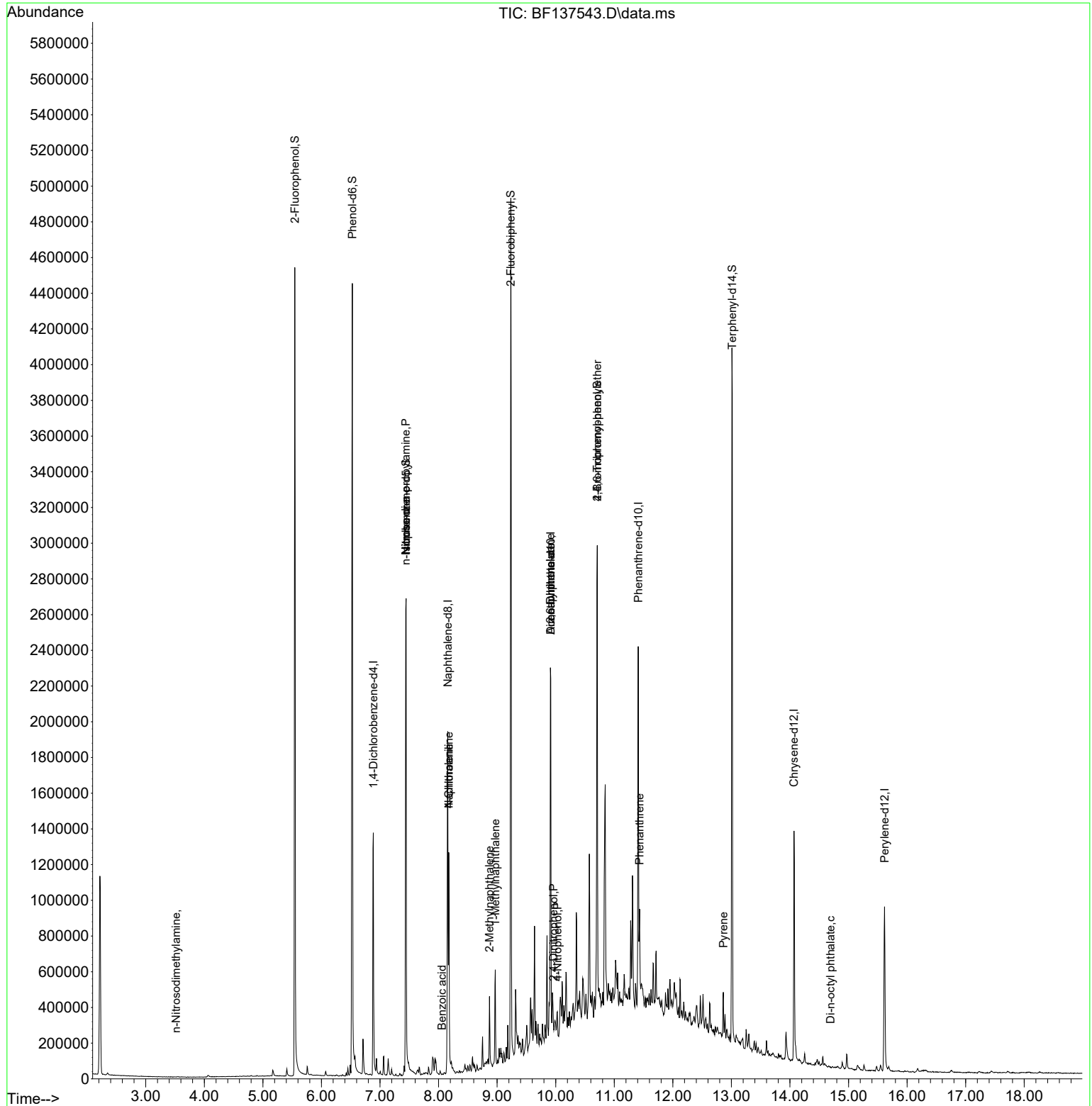
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	217366	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	832414	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	448540	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	741755	20.000	ng	0.00
76) Chrysene-d12	14.068	240	439264	20.000	ng	0.00
86) Perylene-d12	15.615	264	456930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1271340	88.583	ng	0.00
7) Phenol-d6	6.528	99	1713791	82.725	ng	0.00
23) Nitrobenzene-d5	7.445	82	1020800	56.980	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	340024	86.323	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1573962	54.930	ng	0.00
79) Terphenyl-d14	13.016	244	1492659	46.727	ng	0.00
Target Compounds					Qvalue	
4) n-Nitrosodimethylamine	3.516	42	510	3.870	ng	# 1
19) n-Nitroso-di-n-propyla...	7.439	70	132086	10.325	ng	# 81
25) Isophorone	7.445	82	1020134	29.972	ng	# 69
31) Naphthalene	8.175	128	540503	12.102	ng	98
32) Benzoic acid	8.057	122	68	6.306	ng	# 70
33) 4-Chloroaniline	8.175	127	69616	3.975	ng	# 31
37) 2-Methylnaphthalene	8.869	142	110947	3.897	ng	100
38) 1-Methylnaphthalene	8.969	142	143387	5.348	ng	100
50) Dimethylphthalate	9.916	163	75234	2.410	ng	# 1
51) 2,6-Dinitrotoluene	9.910	165	61711	9.449	ng	# 21
54) 2,4-Dinitrophenol	9.963	184	56	8.241	ng	# 1
56) 4-Nitrophenol	10.033	139	2051	4.920	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	23257	2.879	ng	# 1
71) Phenanthrene	11.433	178	166225	4.118	ng	99
78) Pyrene	12.863	202	101468	2.354	ng	98
85) Di-n-octyl phthalate	14.692	149	492	5.623	ng	# 1

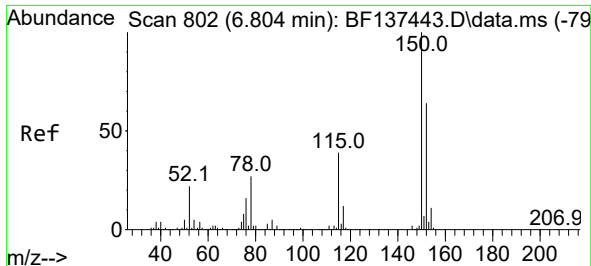
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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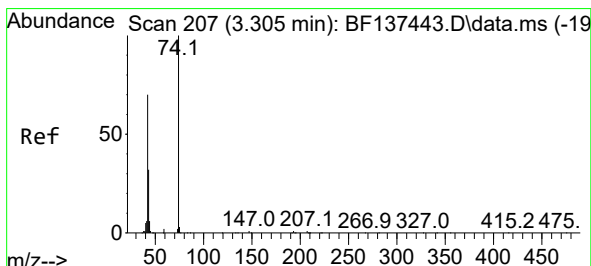
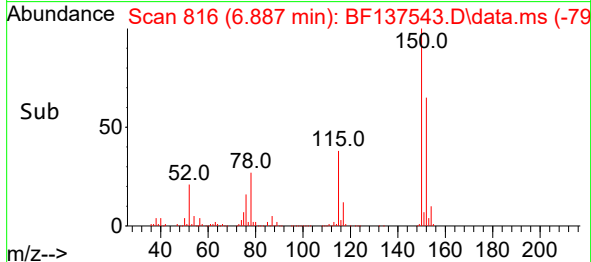
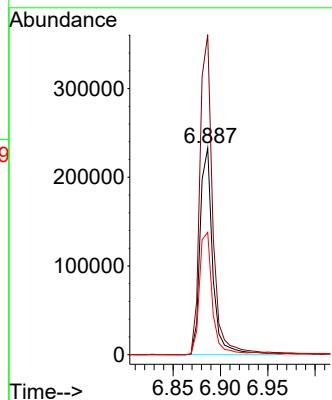
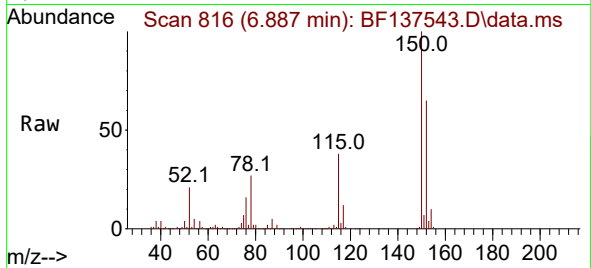




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

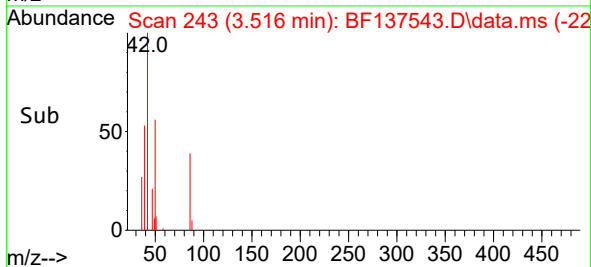
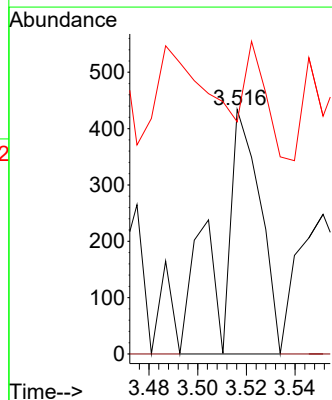
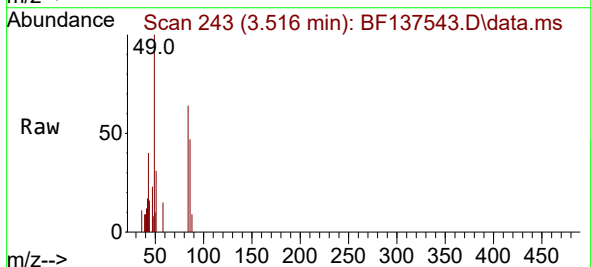
Instrument :
BNA_F
ClientSampleId :
TP-2B

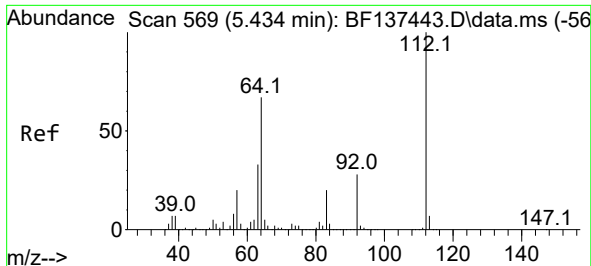
Tgt Ion:152 Resp: 217366
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 59.2 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.870 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.000 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion: 42 Resp: 510
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 94.9 7.0 10.4#

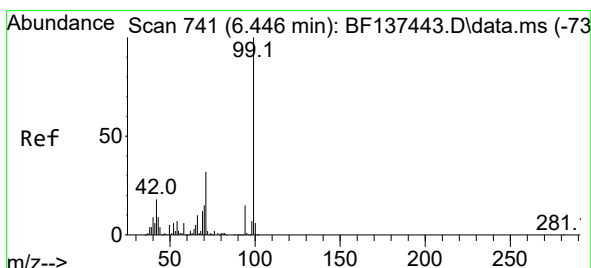
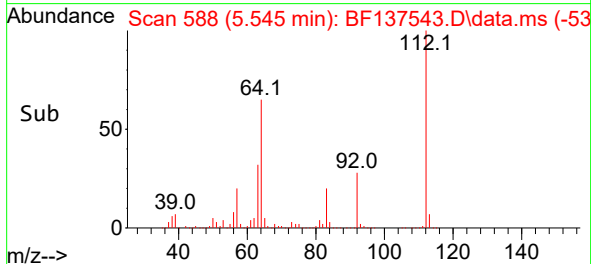
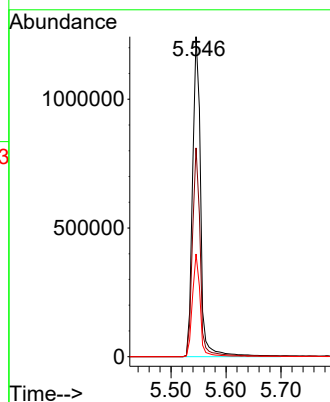
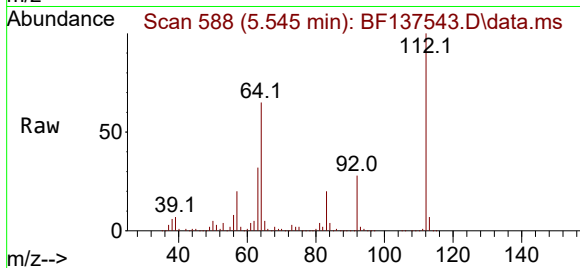




#5
2-Fluorophenol
Concen: 88.583 ng
RT: 5.545 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

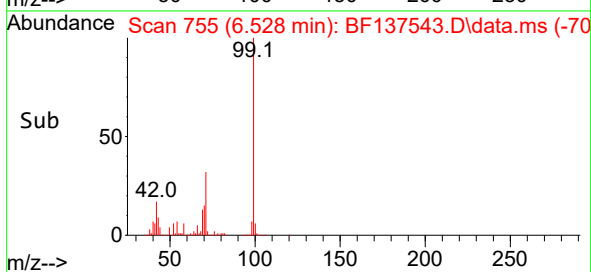
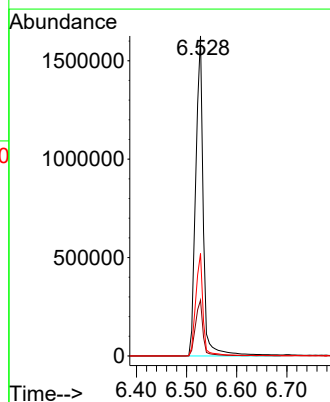
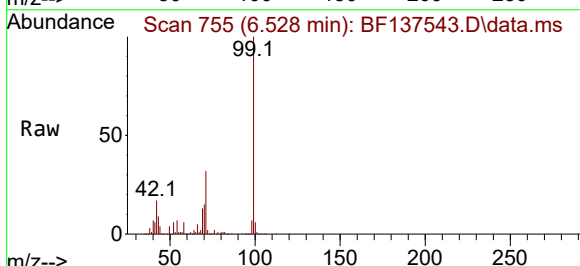
Instrument :
BNA_F
ClientSampleId :
TP-2B

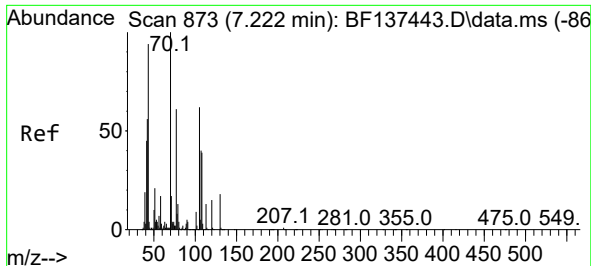
Tgt Ion:112 Resp: 1271340
Ion Ratio Lower Upper
112 100
64 65.2 53.4 80.2
63 32.1 26.2 39.2



#7
Phenol-d6
Concen: 82.725 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion: 99 Resp: 1713791
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 32.0 25.3 37.9

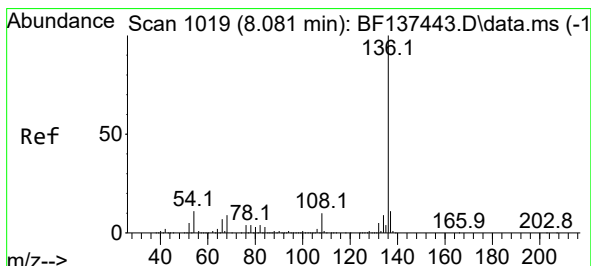
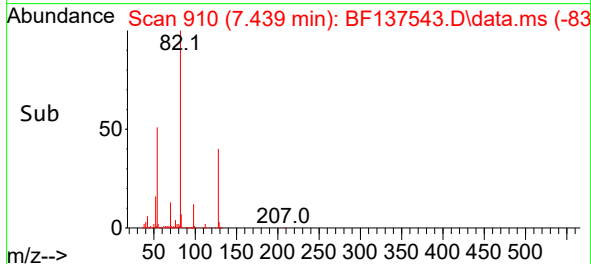
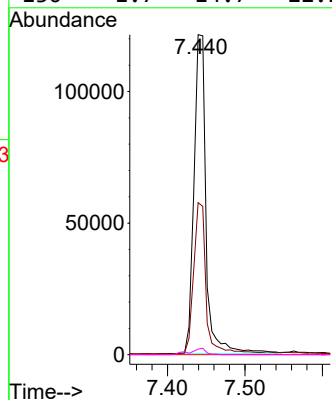
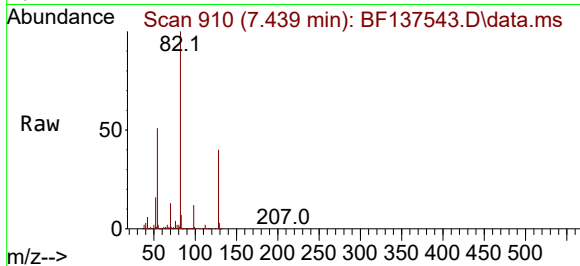




#19
n-Nitroso-di-n-propylamine
Concen: 10.325 ng
RT: 7.439 min Scan# 91
Delta R.T. 0.135 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

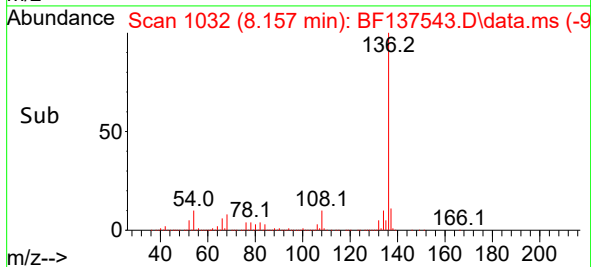
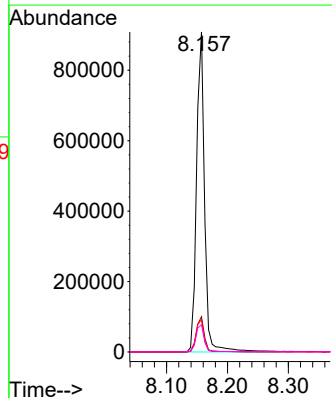
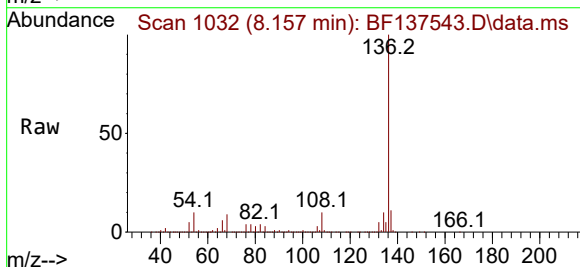
Instrument :
BNA_F
ClientSampleId :
TP-2B

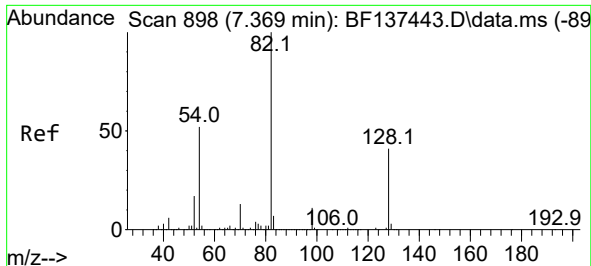
Tgt Ion: 70 Resp: 132086
Ion Ratio Lower Upper
70 100
42 47.5 45.2 67.8
101 0.0 7.3 10.9#
130 1.7 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion:136 Resp: 832414
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.0 8.5 12.7
68 8.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 56.980 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP-2B

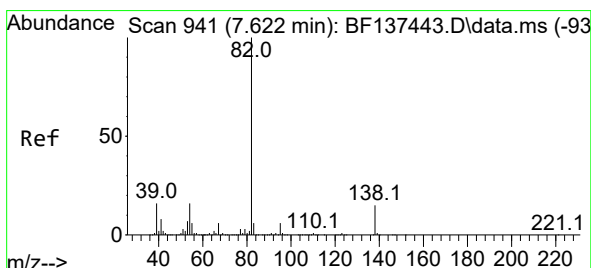
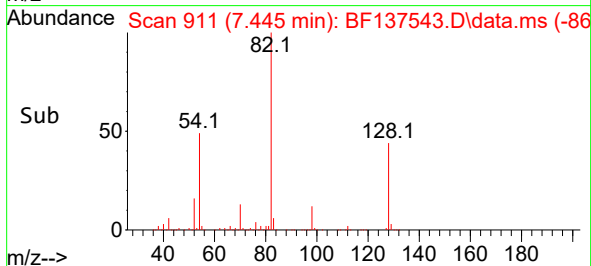
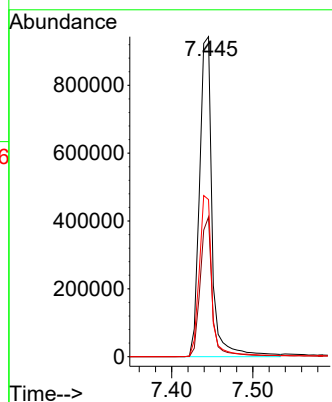
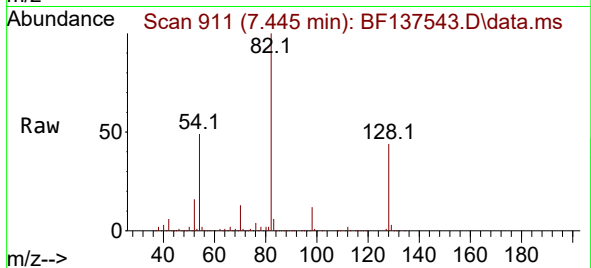
Tgt Ion: 82 Resp: 1020800

Ion Ratio Lower Upper

82 100

128 43.7 32.5 48.7

54 49.1 41.5 62.3



#25

Isophorone

Concen: 29.972 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.259 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

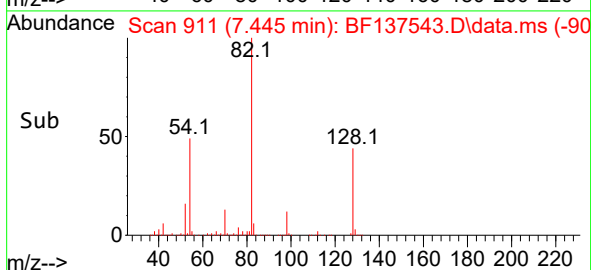
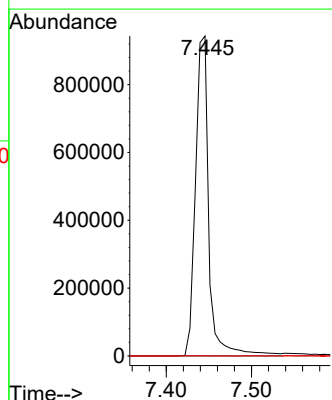
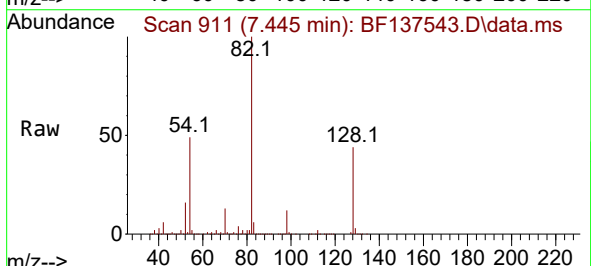
Tgt Ion: 82 Resp: 1020134

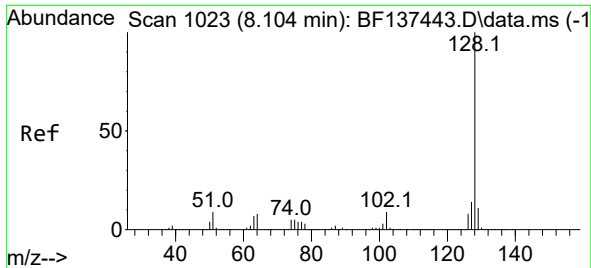
Ion Ratio Lower Upper

82 100

95 0.1 5.1 7.7#

138 0.0 11.8 17.8#

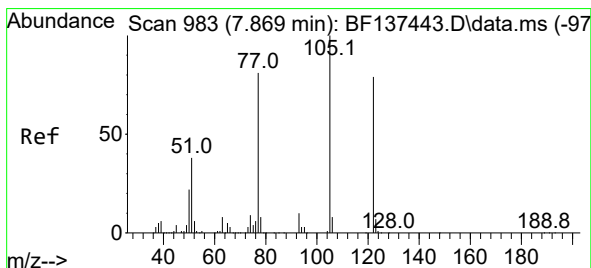
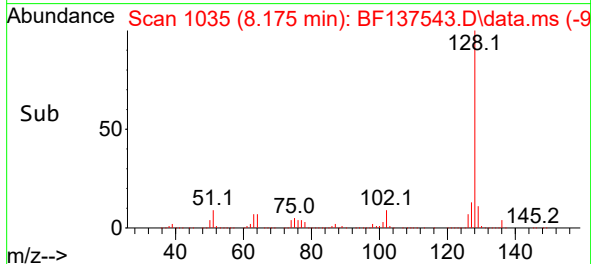
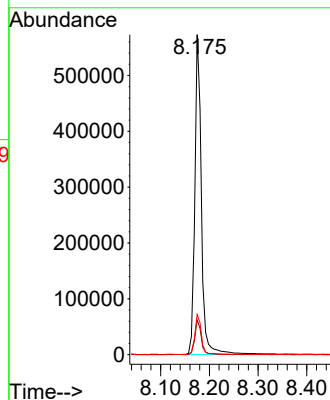
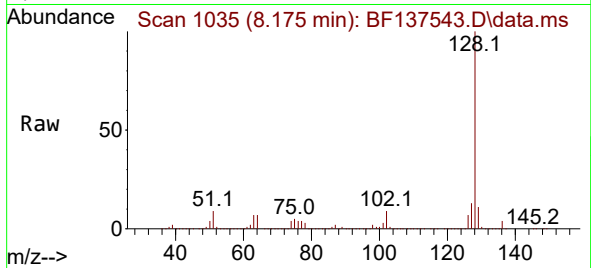




#31
Naphthalene
Concen: 12.102 ng
RT: 8.175 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

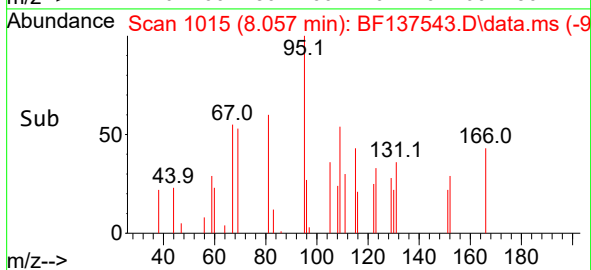
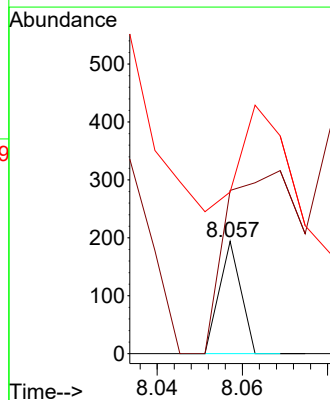
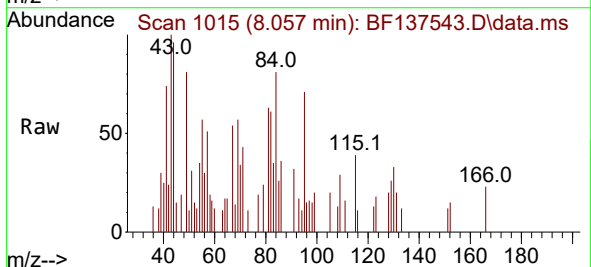
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TP-2B

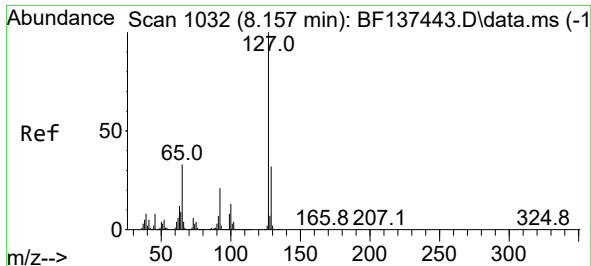
Tgt Ion:128 Resp: 540503
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.6 10.8 16.2



#32
Benzoic acid
Concen: 6.306 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.100 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion:122 Resp: 68
Ion Ratio Lower Upper
122 100
105 145.4 102.4 142.4#
77 143.8 81.1 121.1#

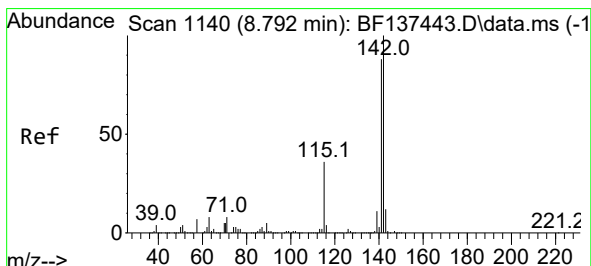
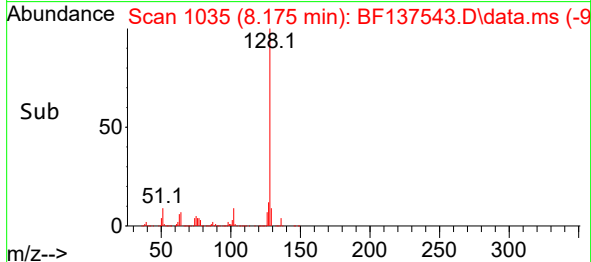
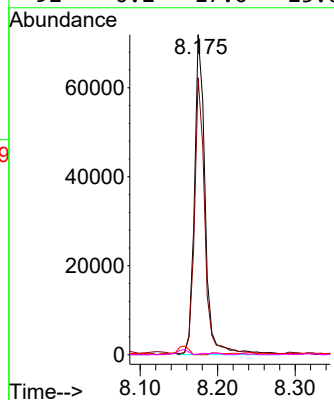
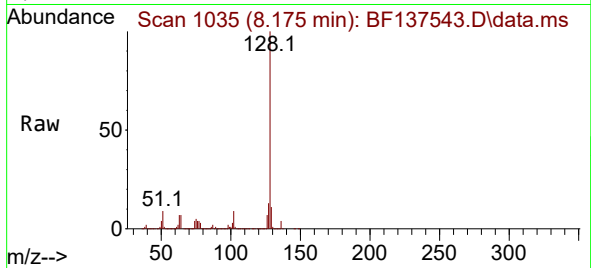




#33
4-Chloroaniline
Concen: 3.975 ng
RT: 8.175 min Scan# 1103
Delta R.T. -0.059 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

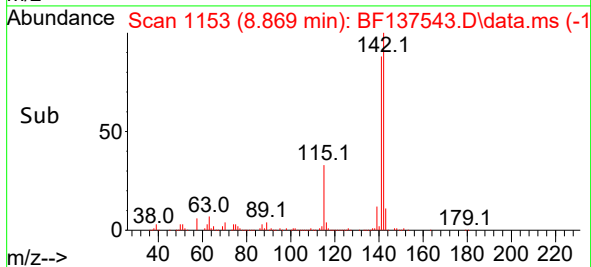
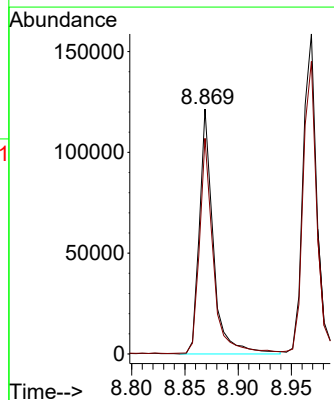
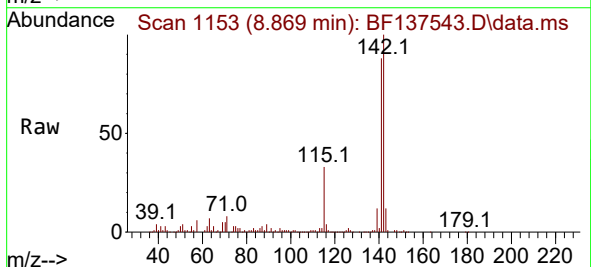
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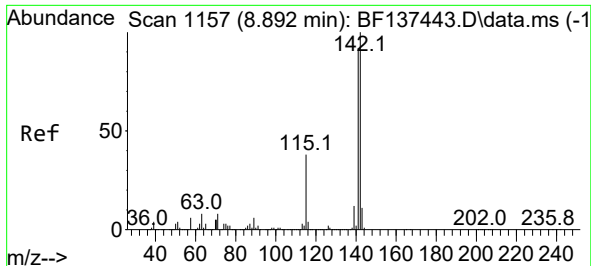
Tgt Ion:127 Resp: 69616
Ion Ratio Lower Upper
127 100
129 86.5 26.0 39.0#
65 0.0 26.8 40.2#
92 0.2 17.0 25.6#



#37
2-Methylnaphthalene
Concen: 3.897 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion:142 Resp: 110947
Ion Ratio Lower Upper
142 100
141 88.1 70.4 105.6

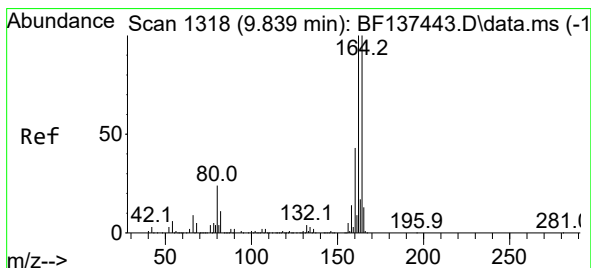
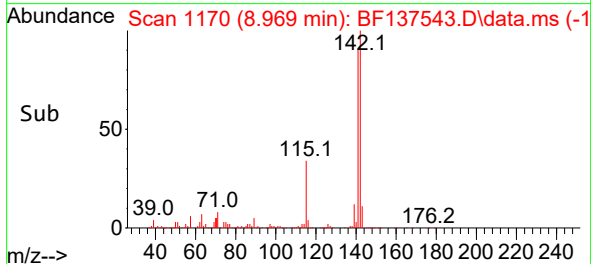
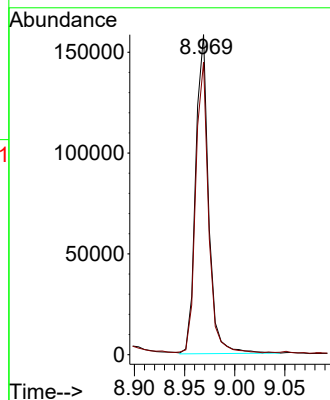
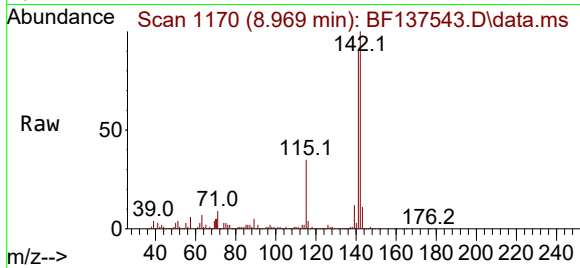




#38
1-Methylnaphthalene
Concen: 5.348 ng
RT: 8.969 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

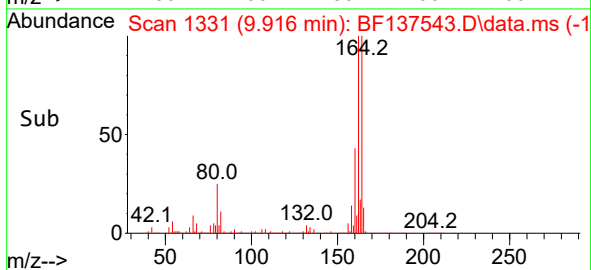
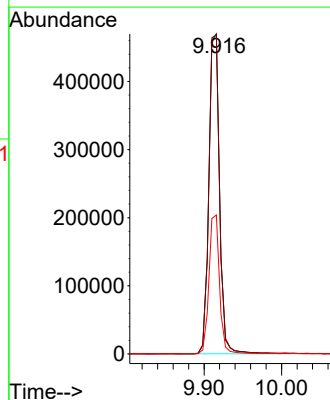
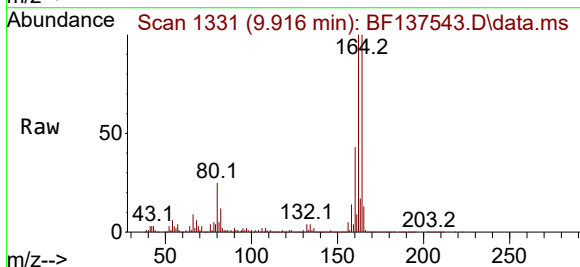
Instrument :
BNA_F
ClientSampleId :
TP-2B

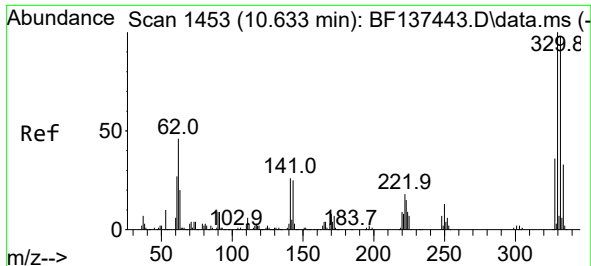
Tgt Ion:142 Resp: 143387
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion:164 Resp: 448540
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 43.4 34.4 51.6

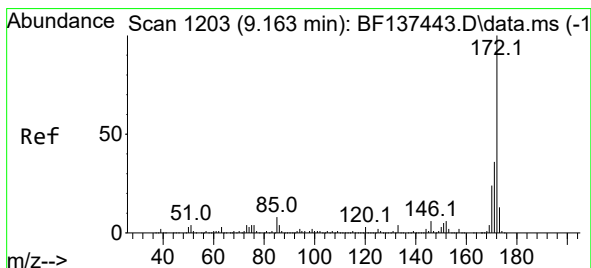
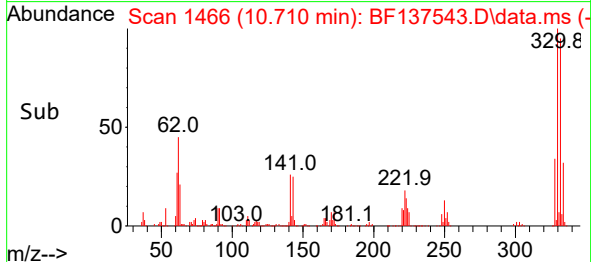
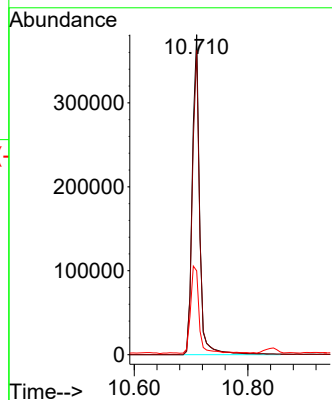
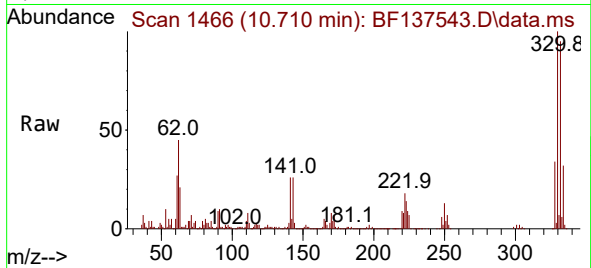




#42
 2,4,6-Tribromophenol
 Concen: 86.323 ng
 RT: 10.710 min Scan# 1453
 Delta R.T. -0.006 min
 Lab File: BF137543.D
 Acq: 08 Mar 2024 15:11

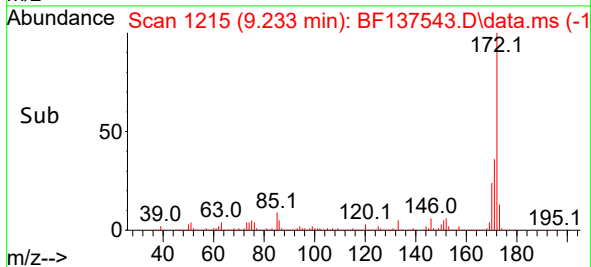
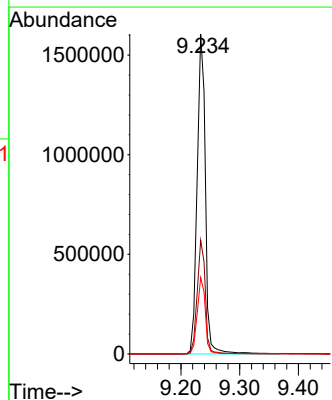
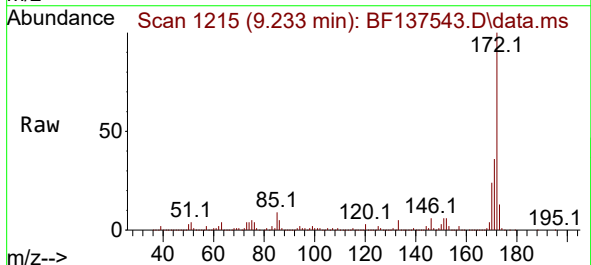
Instrument :
 BNA_F
 ClientSampleId :
 TP-2B

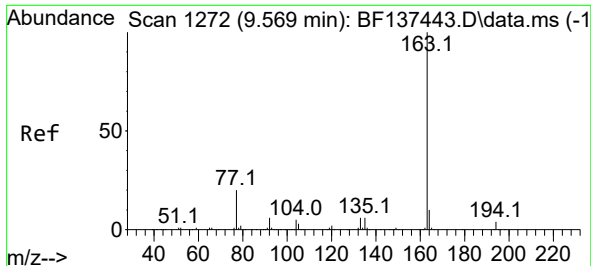
Tgt Ion:330 Resp: 340024
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.0 117.0
 141 31.0 27.3 40.9



#45
 2-Fluorobiphenyl
 Concen: 54.930 ng
 RT: 9.233 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: BF137543.D
 Acq: 08 Mar 2024 15:11

Tgt Ion:172 Resp: 1573962
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.9 19.0 28.6

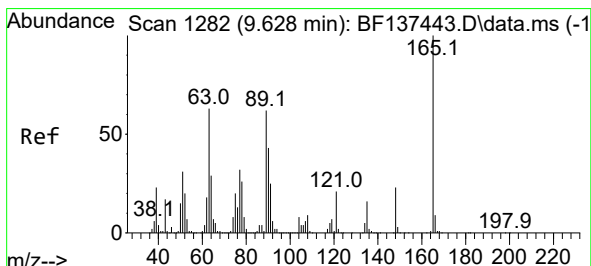
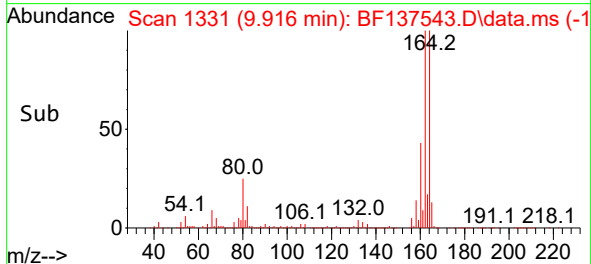
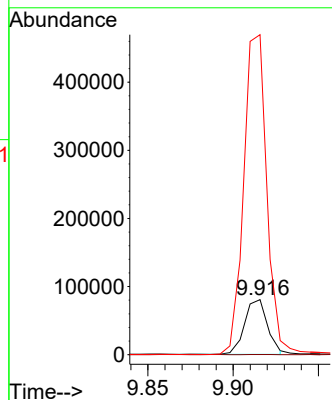
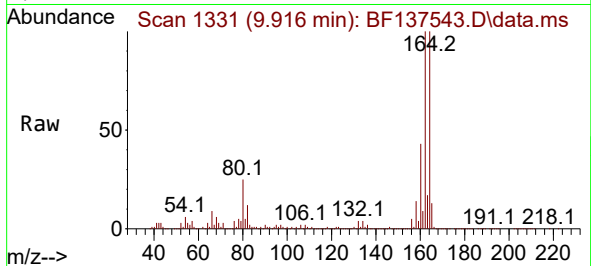




#50
Dimethylphthalate
Concen: 2.410 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.265 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

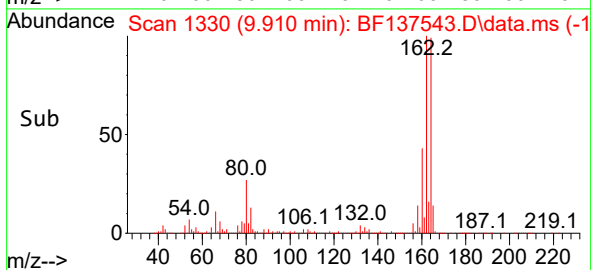
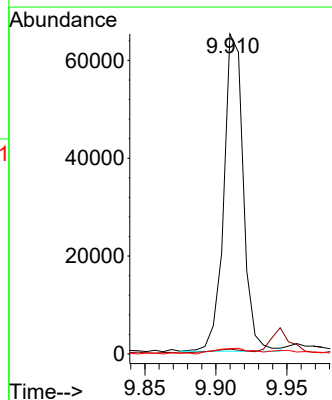
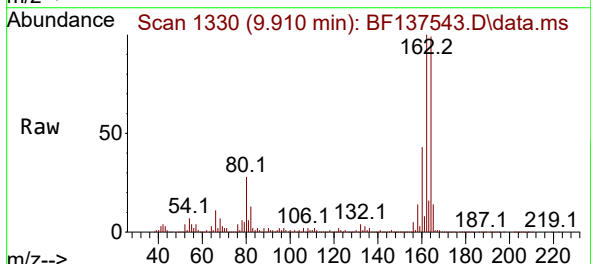
Instrument :
BNA_F
ClientSampleId :
TP-2B

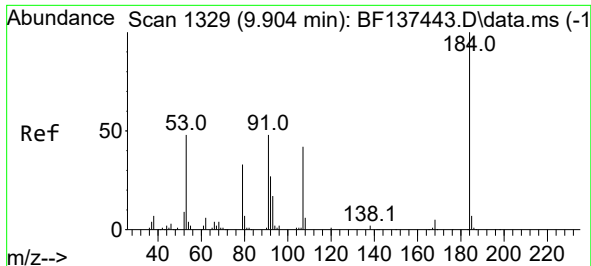
Tgt Ion:163 Resp: 75234
Ion Ratio Lower Upper
163 100
194 0.3 3.3 4.9#
164 581.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 9.449 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.200 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion:165 Resp: 61711
Ion Ratio Lower Upper
165 100
63 1.5 50.7 76.1#
89 1.6 50.0 75.0#

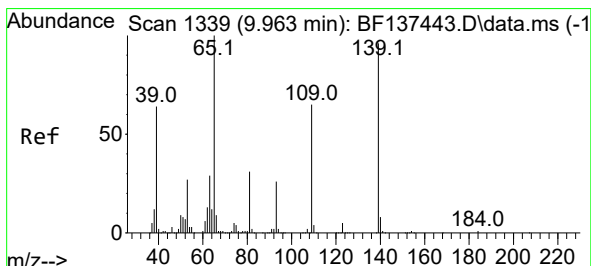
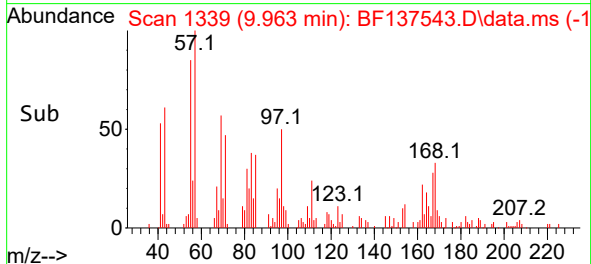
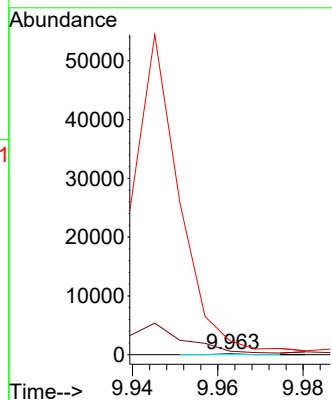
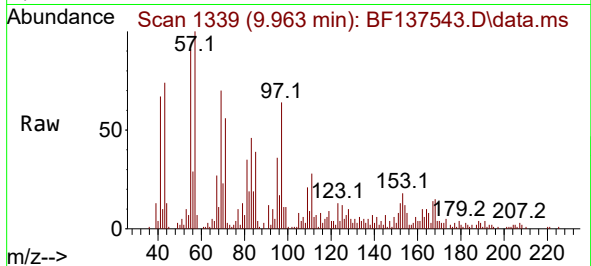




#54
2,4-Dinitrophenol
Concen: 8.241 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

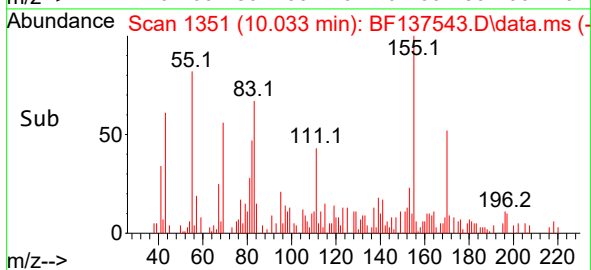
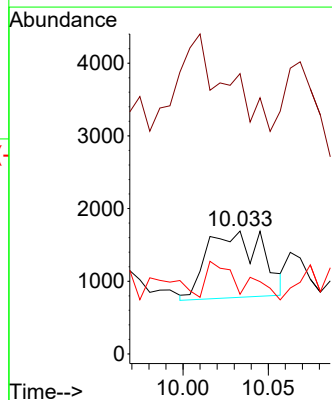
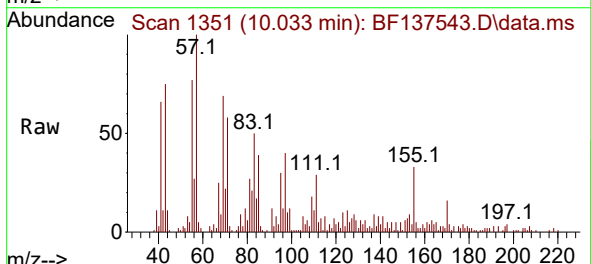
Instrument :
BNA_F
ClientSampleId :
TP-2B

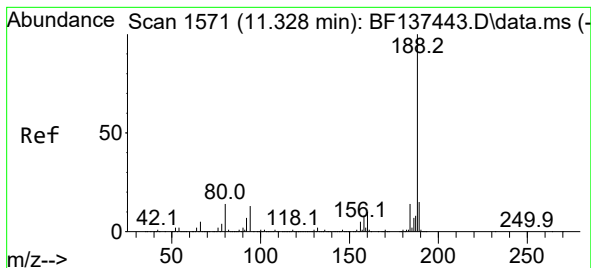
Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 368.8 53.3 79.9#
154 1460.6 47.4 71.0#



#56
4-Nitrophenol
Concen: 4.920 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion:139 Resp: 2051
Ion Ratio Lower Upper
139 100
109 228.0 47.1 87.1#
65 48.5 85.1 125.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP-2B

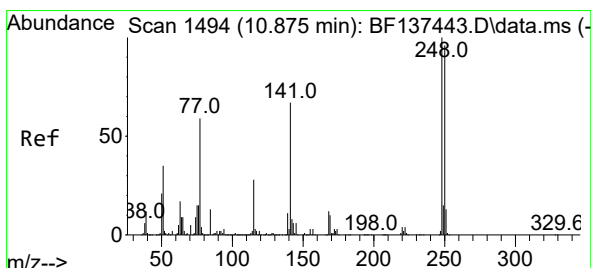
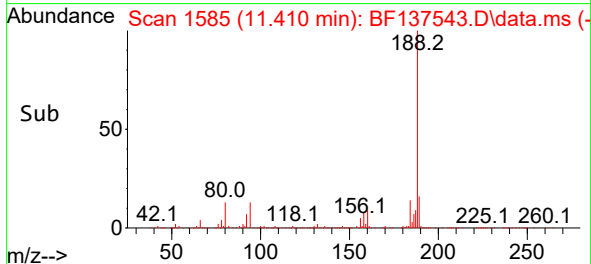
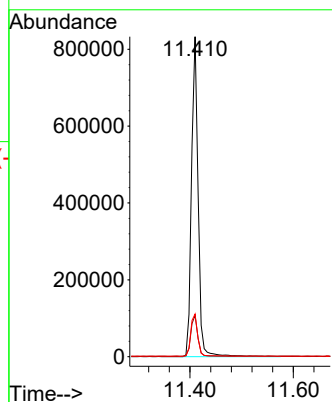
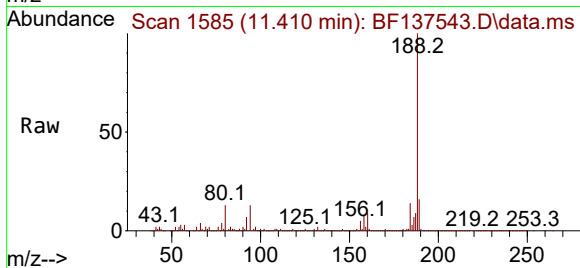
Tgt Ion:188 Resp: 741755

Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 13.4 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 2.879 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.247 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

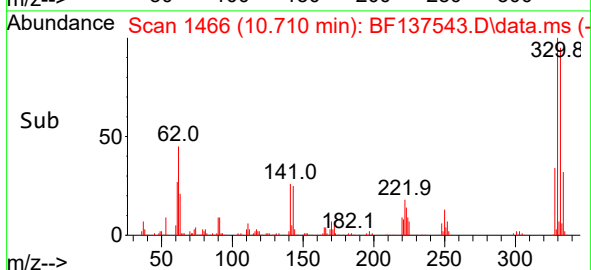
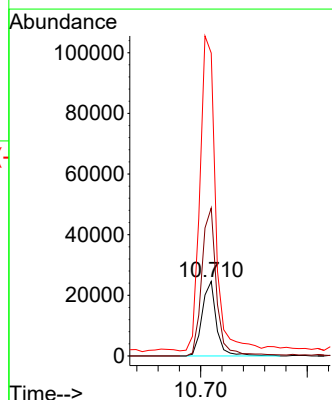
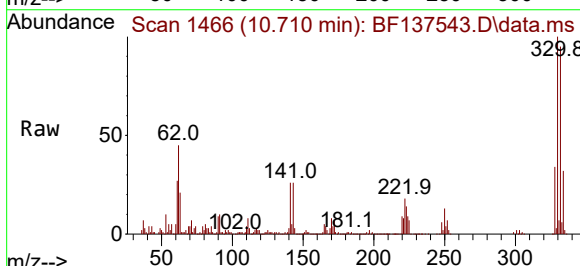
Tgt Ion:248 Resp: 23257

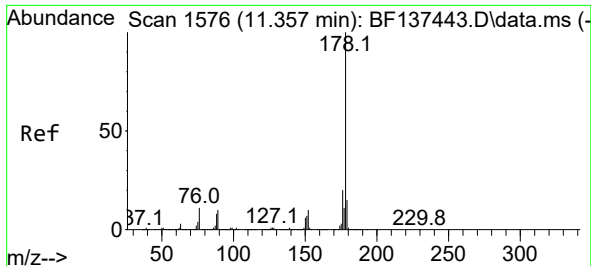
Ion Ratio Lower Upper

248 100

250 198.7 76.8 115.2#

141 406.4 53.4 80.0#

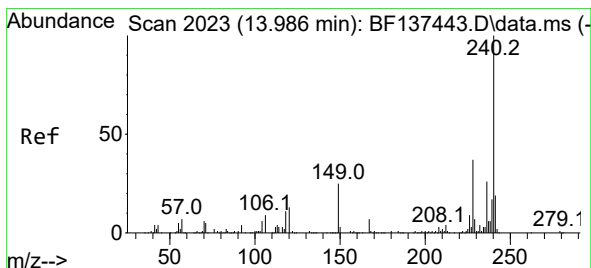
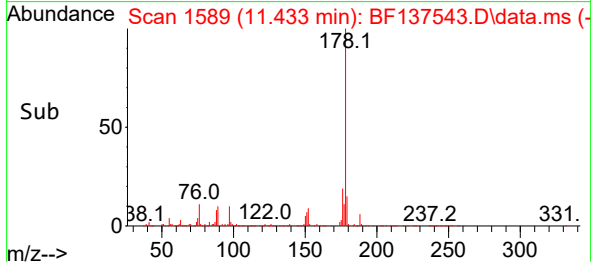
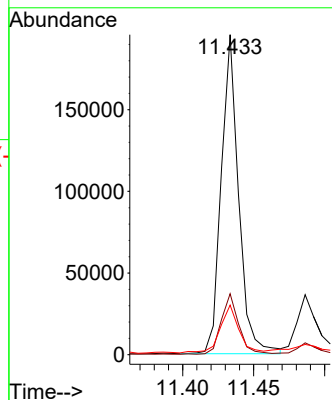
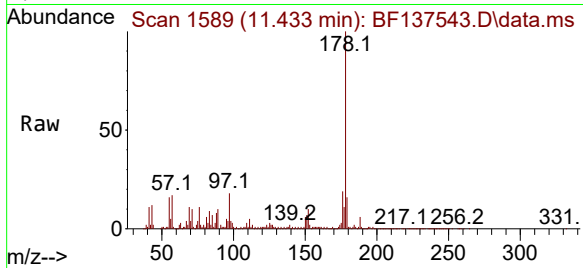




#71
Phenanthrene
Concen: 4.118 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

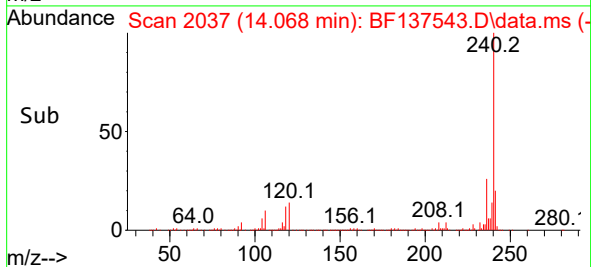
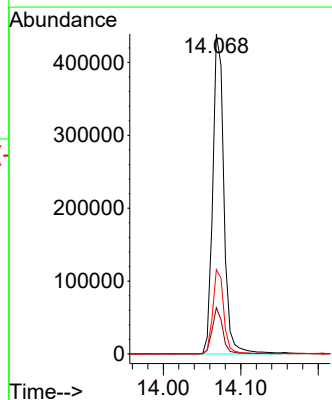
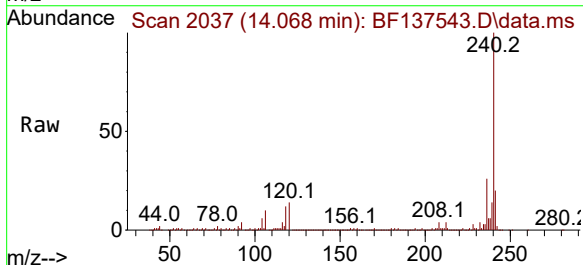
Instrument :
BNA_F
ClientSampleId :
TP-2B

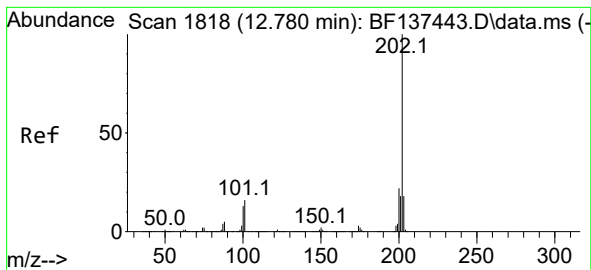
Tgt Ion:178 Resp: 166225
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.5 12.2 18.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion:240 Resp: 439264
Ion Ratio Lower Upper
240 100
120 14.5 10.4 15.6
236 26.3 20.9 31.3





#78

Pyrene

Concen: 2.354 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP-2B

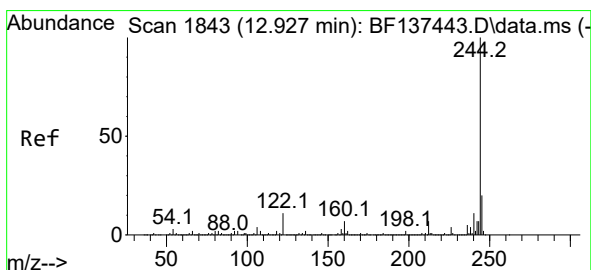
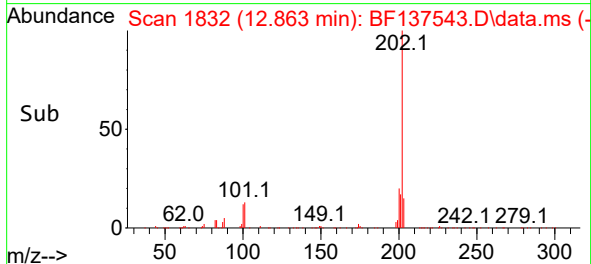
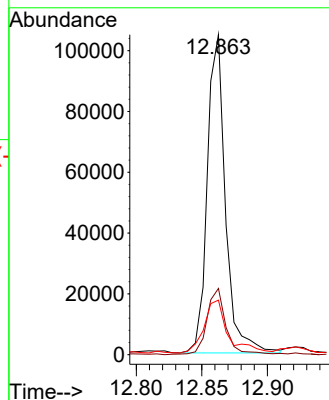
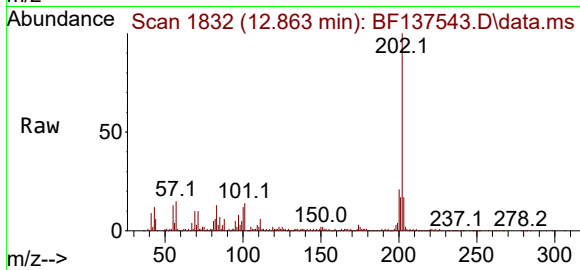
Tgt Ion:202 Resp: 101468

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

203 17.1 14.1 21.1



#79

Terphenyl-d14

Concen: 46.727 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

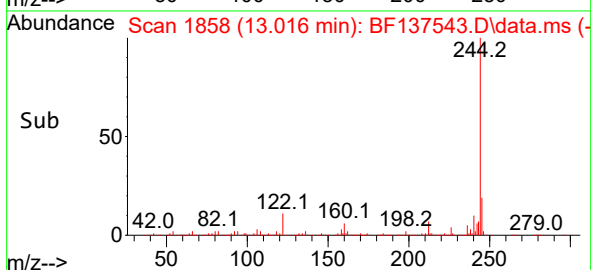
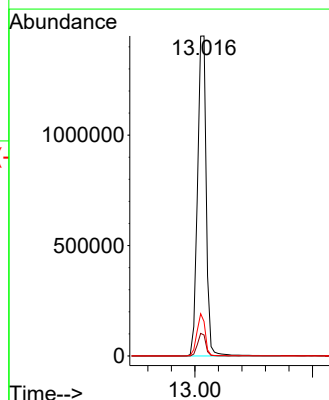
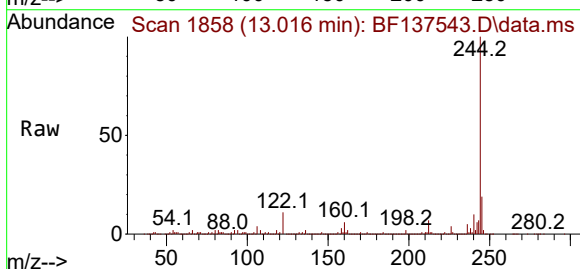
Tgt Ion:244 Resp: 1492659

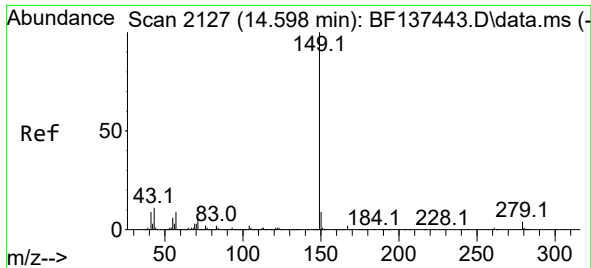
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.7 9.1 13.7

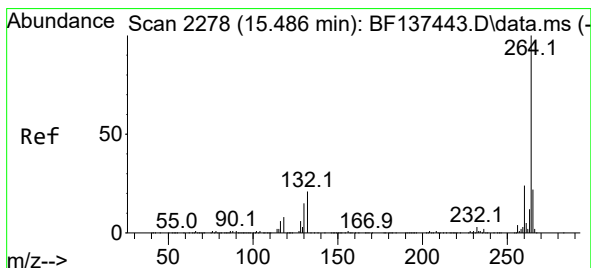
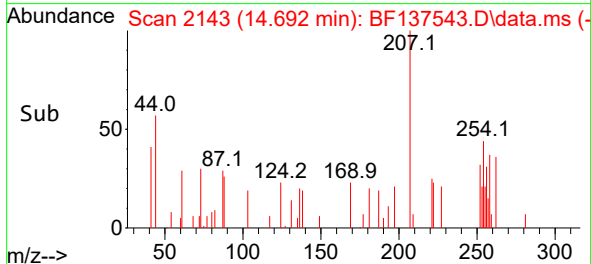
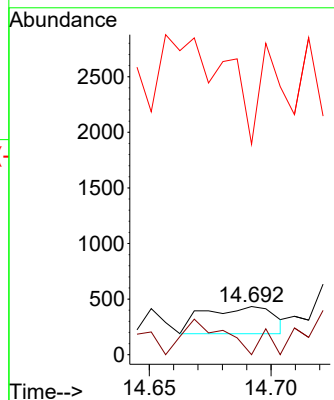
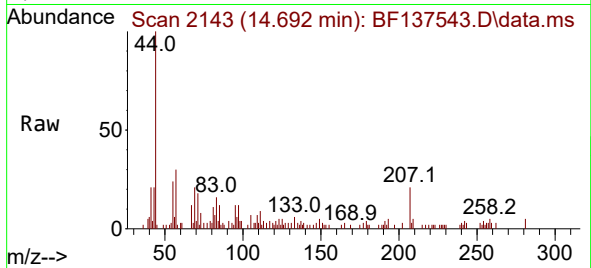




#85
Di-n-octyl phthalate
Concen: 5.623 ng
RT: 14.692 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Instrument :
BNA_F
ClientSampleId :
TP-2B

Tgt Ion:149 Resp: 492
Ion Ratio Lower Upper
149 100
167 16.9 1.2 1.8#
43 121.5 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2300
Delta R.T. 0.000 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

Tgt Ion:264 Resp: 456930
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 21.6 17.4 26.0

