

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030824\
 Data File : BF137542.D
 Acq On : 08 Mar 2024 14:41
 Operator : CG\JU
 Sample : P1705-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 08 22:16:17 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)

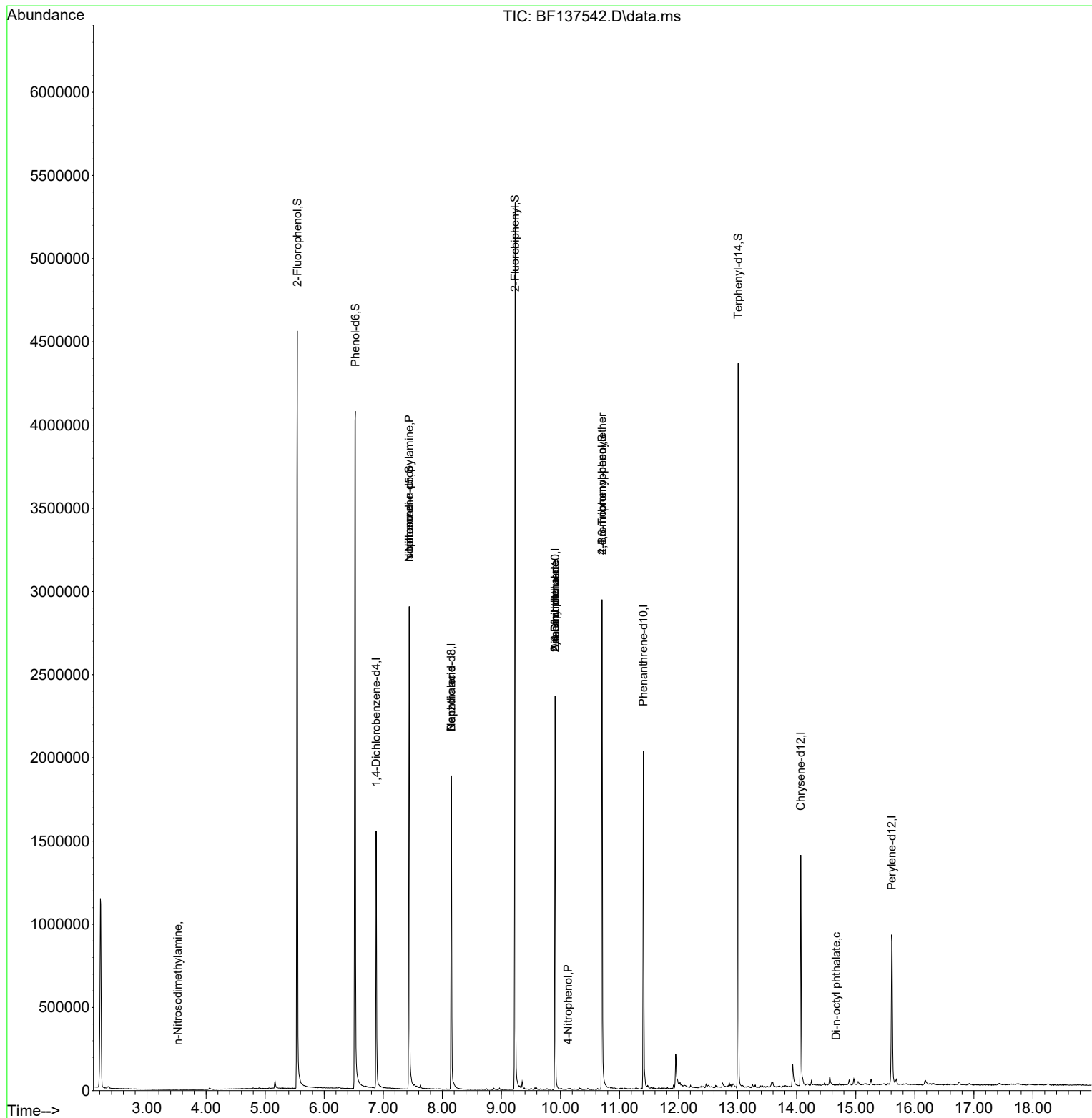
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	221717	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	866653	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	466984	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	778475	20.000	ng	0.00
76) Chrysene-d12	14.069	240	463092	20.000	ng	0.00
86) Perylene-d12	15.610	264	464999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1264998	86.411	ng	0.00
7) Phenol-d6	6.528	99	1731665	81.948	ng	0.00
23) Nitrobenzene-d5	7.440	82	1047294	56.149	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	347880	84.830	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	1640295	54.984	ng	0.00
79) Terphenyl-d14	13.010	244	1539957	45.728	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.522	42	117	3.822	ng	# 1
19) n-Nitroso-di-n-propyla...	7.440	70	138174	10.589	ng	# 80
25) Isophorone	7.440	82	1047376	29.557	ng	# 69
32) Benzoic acid	8.151	122	249	6.326	ng	# 1
50) Dimethylphthalate	9.910	163	76595	2.356	ng	# 1
51) 2,6-Dinitrotoluene	9.910	165	60288	8.867	ng	# 20
56) 4-Nitrophenol	10.128	139	125	4.550	ng	# 5
57) 2,4-Dinitrotoluene	9.910	165	60289	7.217	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	23100	2.724	ng	# 1
85) Di-n-octyl phthalate	14.668	149	261	5.615	ng	# 1

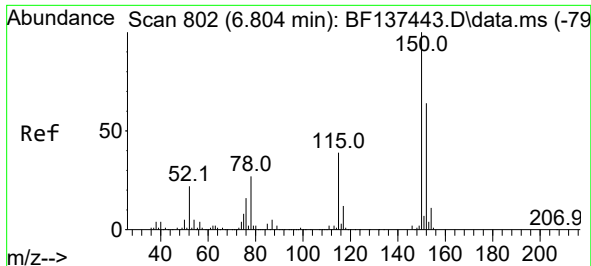
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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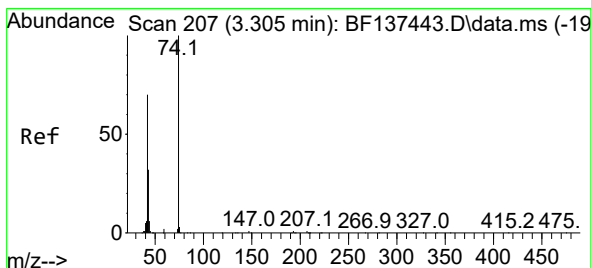
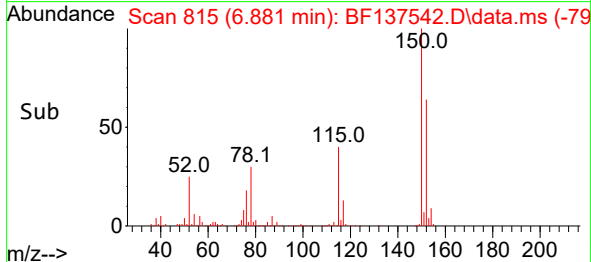
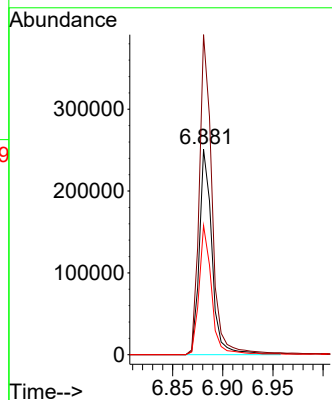
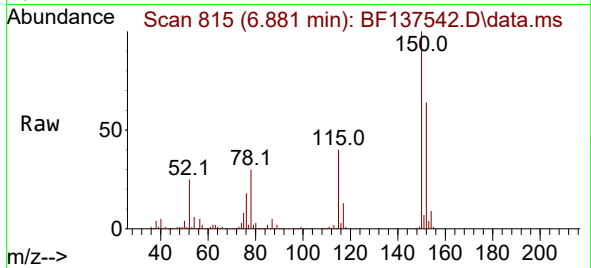




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

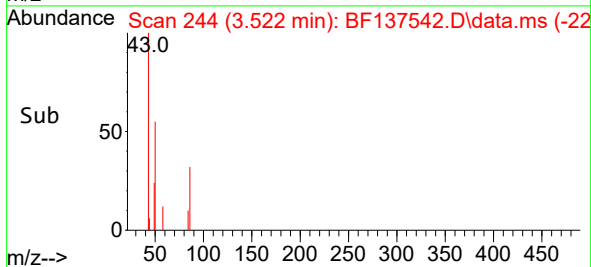
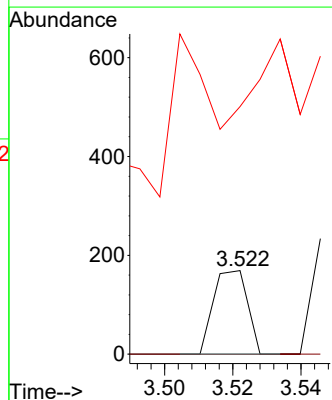
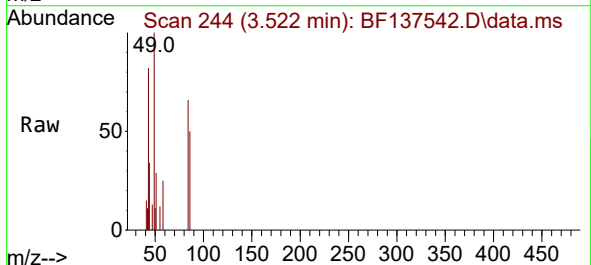
Instrument :
BNA_F
ClientSampleId :
TP-2

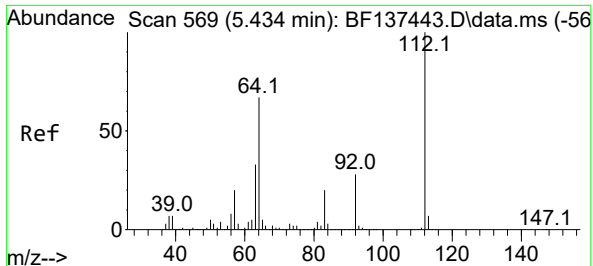
Tgt Ion:152 Resp: 221717
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.6
115 62.9 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.822 ng
RT: 3.522 min Scan# 244
Delta R.T. 0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion: 42 Resp: 117
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 296.4 7.0 10.4#

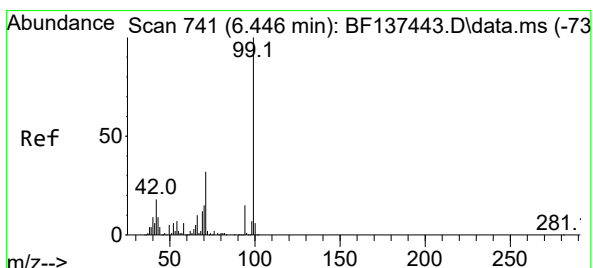
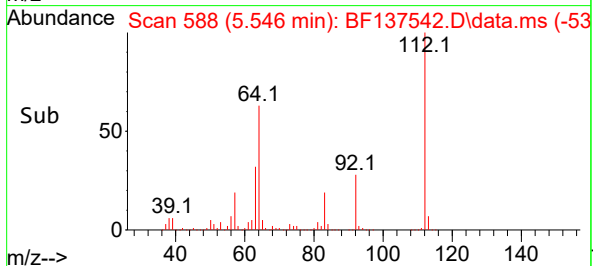
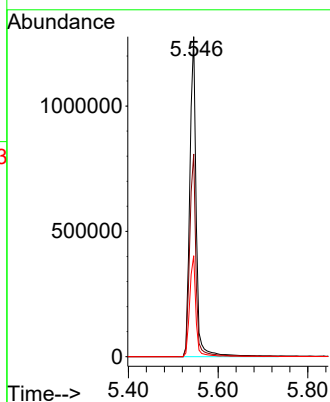
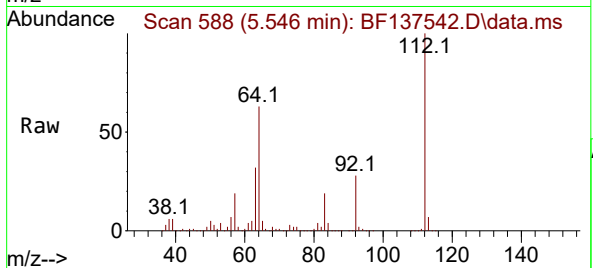




#5
2-Fluorophenol
Concen: 86.411 ng
RT: 5.546 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

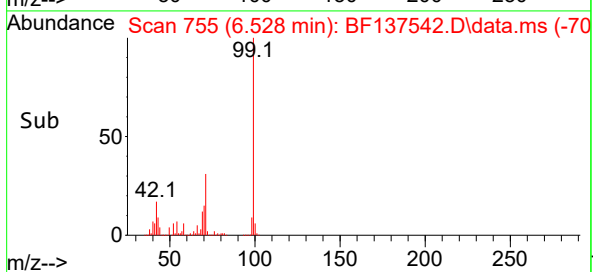
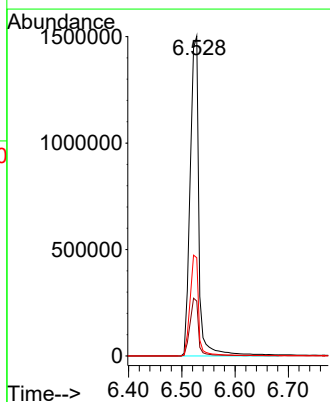
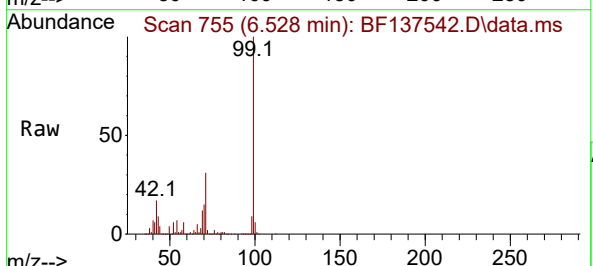
Instrument :
BNA_F
ClientSampleId :
TP-2

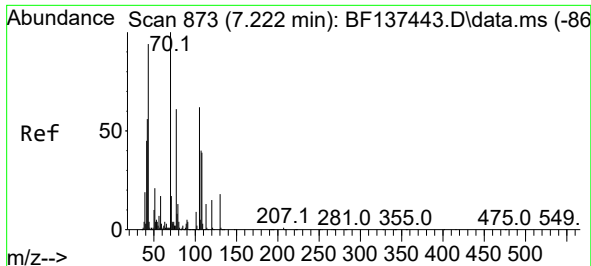
Tgt Ion:112 Resp: 1264998
Ion Ratio Lower Upper
112 100
64 63.4 53.4 80.2
63 31.5 26.2 39.2



#7
Phenol-d6
Concen: 81.948 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion: 99 Resp: 1731665
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 30.7 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 10.589 ng

RT: 7.440 min Scan# 91

Delta R.T. 0.135 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion: 70 Resp: 138174

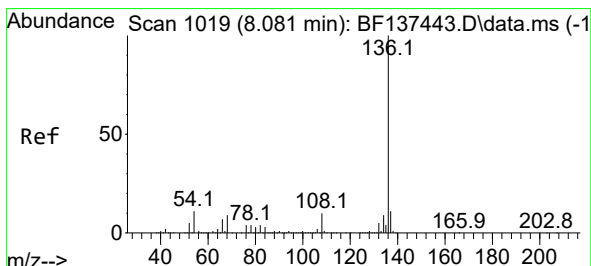
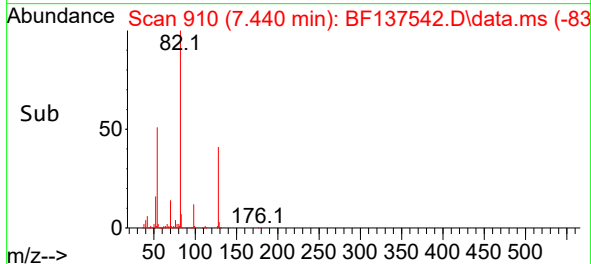
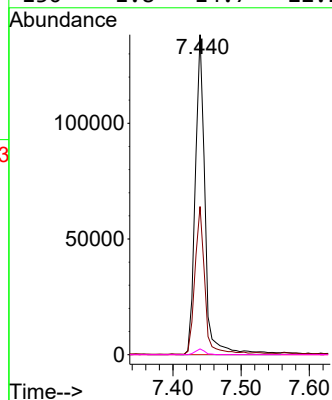
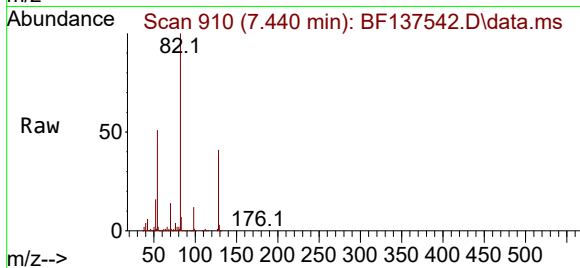
Ion Ratio Lower Upper

70 100

42 46.3 45.2 67.8

101 0.0 7.3 10.9#

130 1.8 14.7 22.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

Tgt Ion:136 Resp: 866653

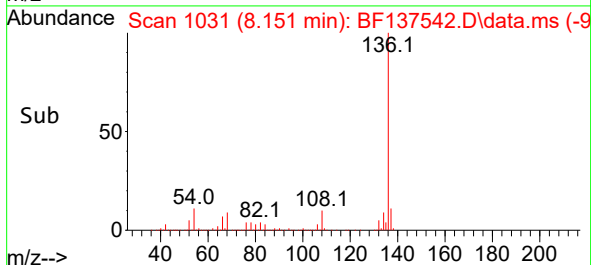
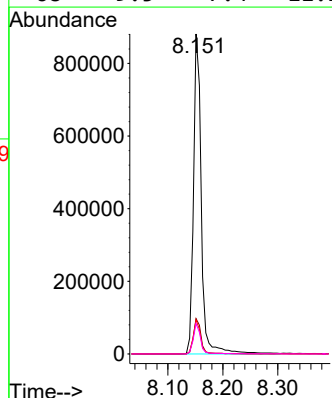
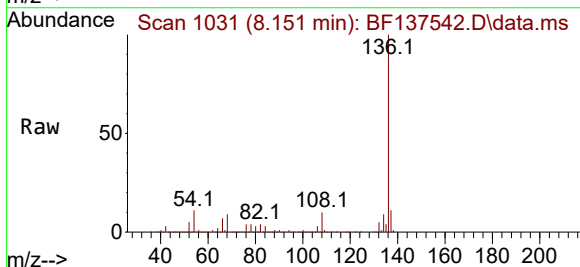
Ion Ratio Lower Upper

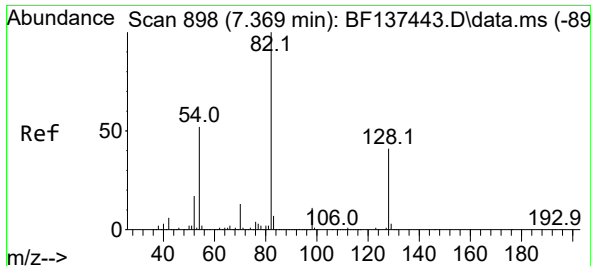
136 100

137 11.1 9.1 13.7

54 10.7 8.5 12.7

68 9.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 56.149 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

Instrument :

BNA_F

ClientSampleId :

TP-2

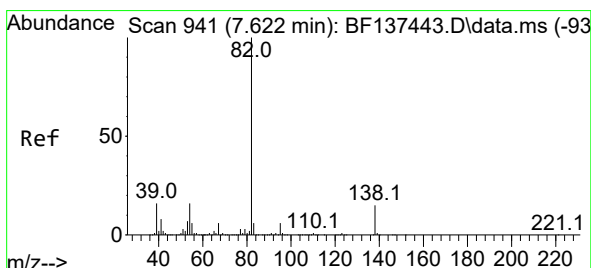
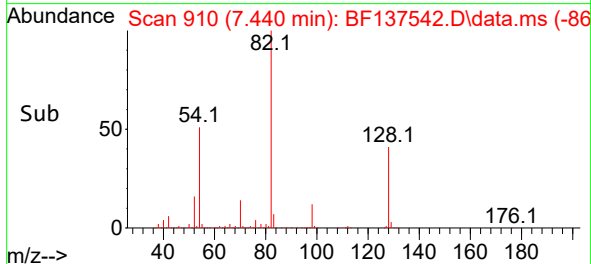
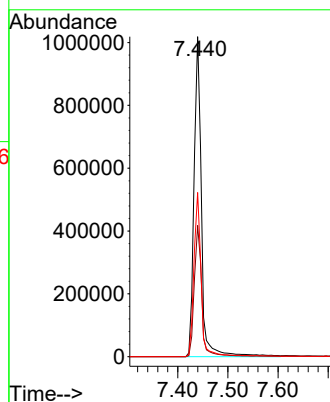
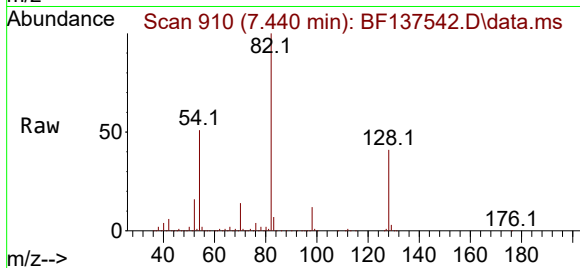
Tgt Ion: 82 Resp: 1047294

Ion Ratio Lower Upper

82 100

128 41.0 32.5 48.7

54 51.3 41.5 62.3



#25

Isophorone

Concen: 29.557 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.265 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

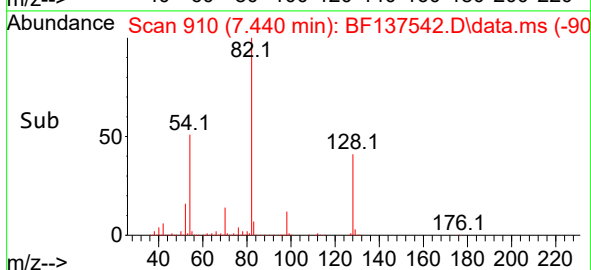
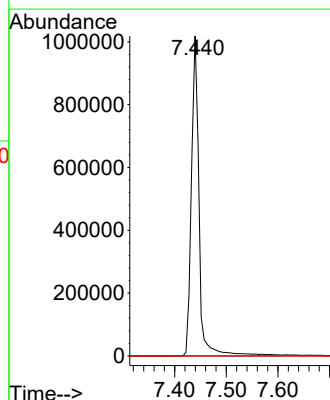
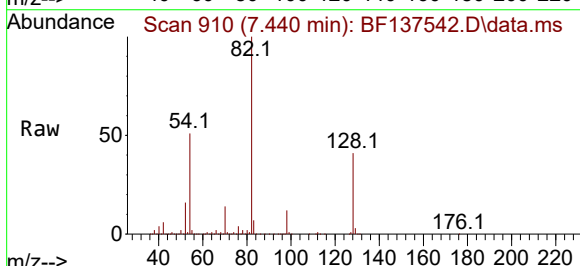
Tgt Ion: 82 Resp: 1047376

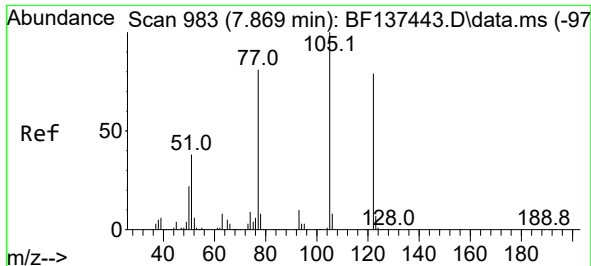
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

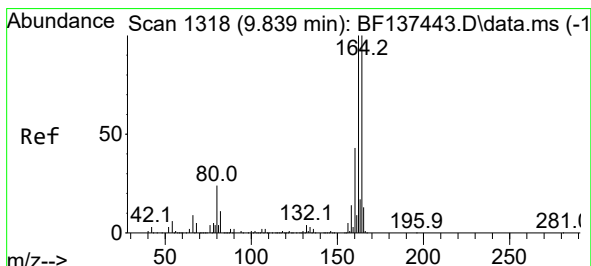
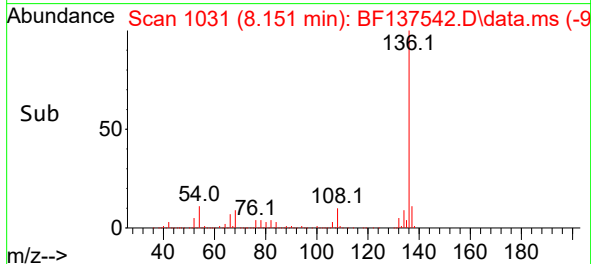
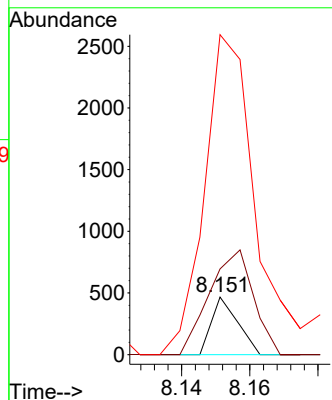
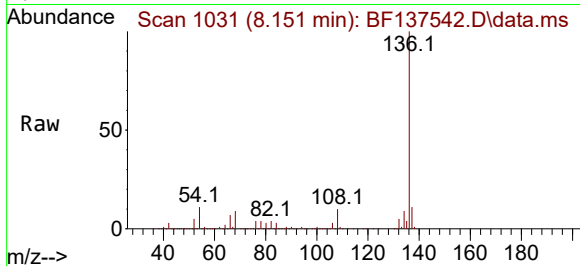




#32
Benzoic acid
Concen: 6.326 ng
RT: 8.151 min Scan# 10
Delta R.T. 0.194 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

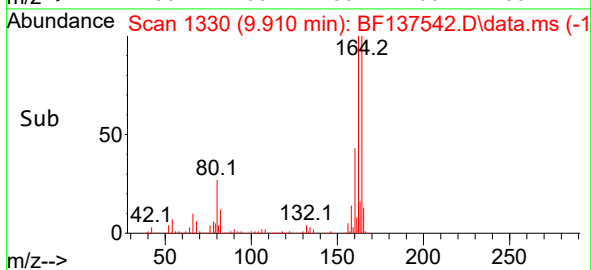
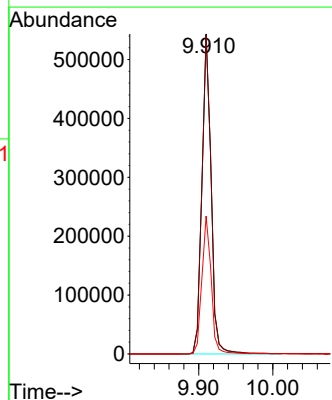
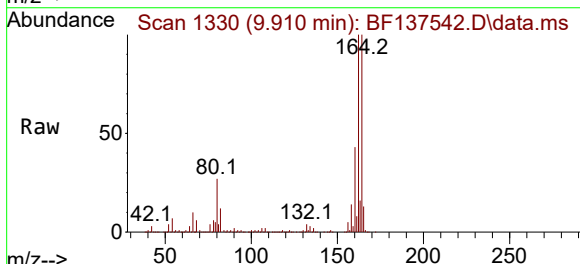
Instrument :
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TP-2

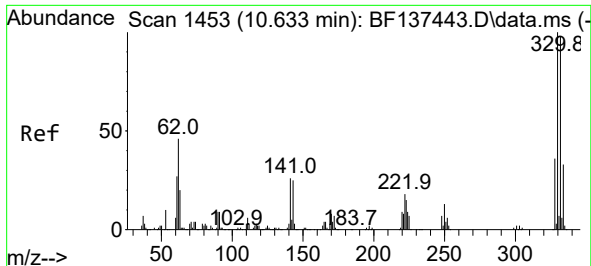
Tgt Ion:122 Resp: 249
Ion Ratio Lower Upper
122 100
105 148.8 102.4 142.4#
77 555.5 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion:164 Resp: 466984
Ion Ratio Lower Upper
164 100
162 99.6 79.8 119.8
160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 84.830 ng

RT: 10.704 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

Instrument :

BNA_F

ClientSampleId :

TP-2

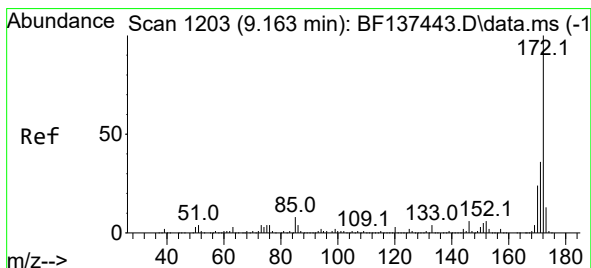
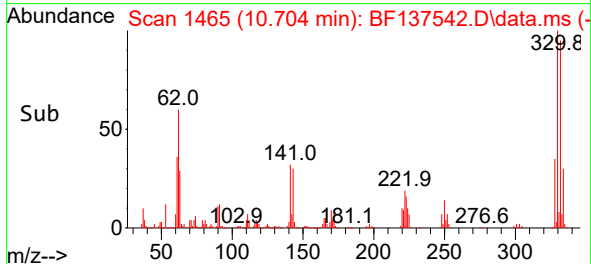
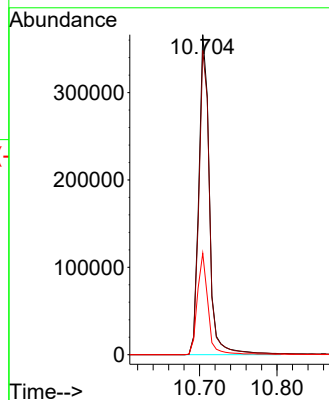
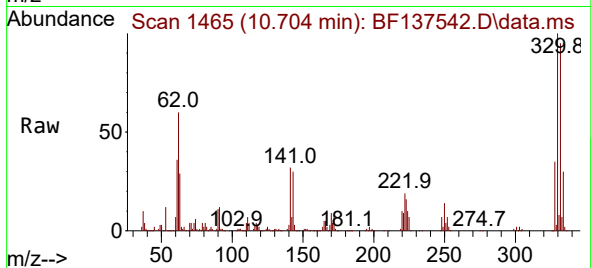
Tgt Ion:330 Resp: 347880

Ion Ratio Lower Upper

330 100

332 97.2 78.0 117.0

141 32.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 54.984 ng

RT: 9.234 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF137542.D

Acq: 08 Mar 2024 14:41

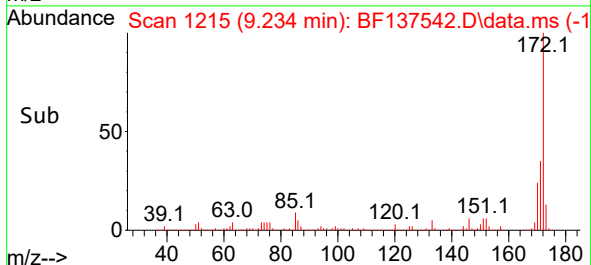
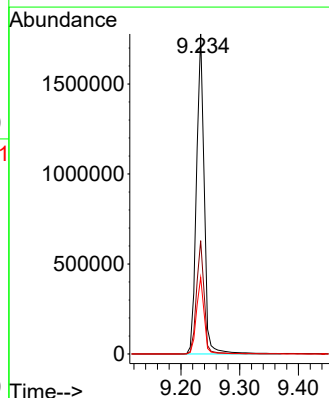
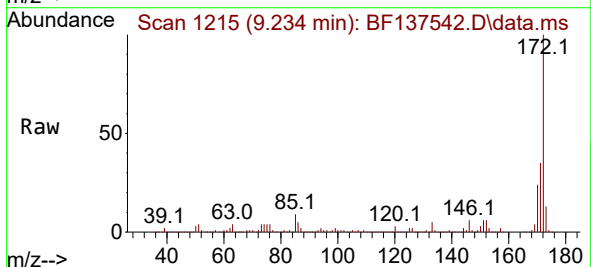
Tgt Ion:172 Resp: 1640295

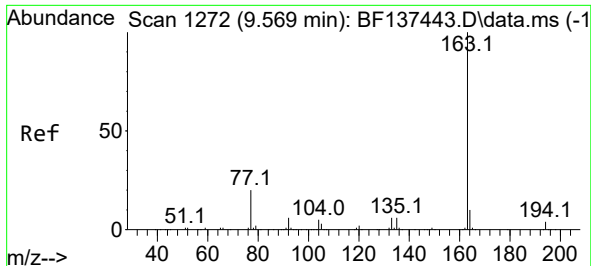
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.9 19.0 28.6

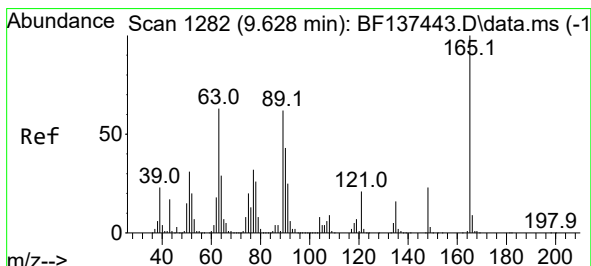
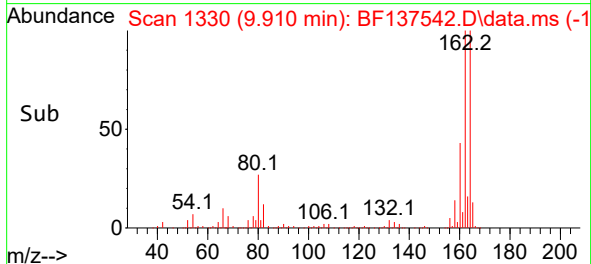
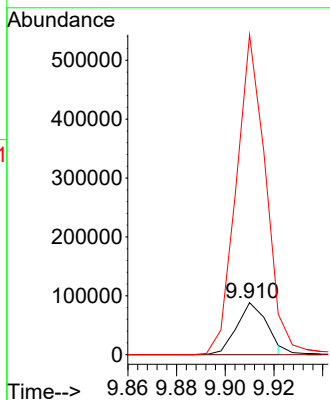
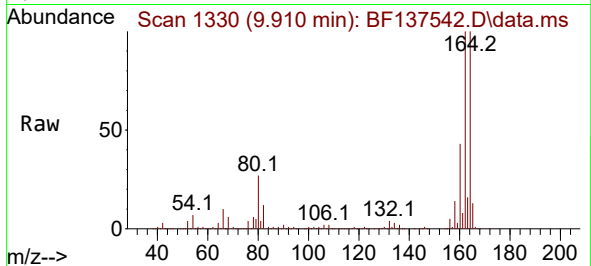




#50
Dimethylphthalate
Concen: 2.356 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

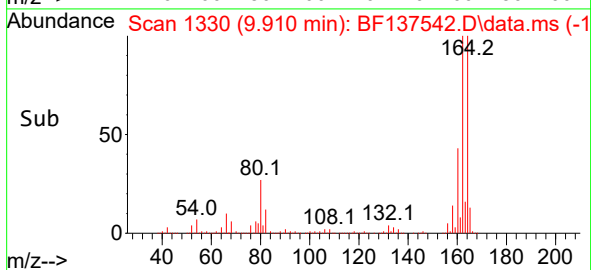
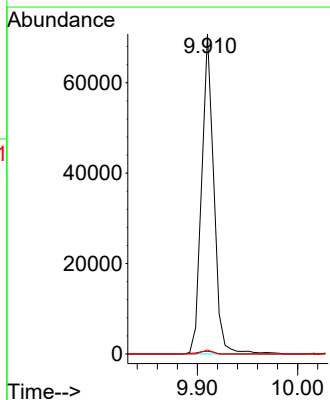
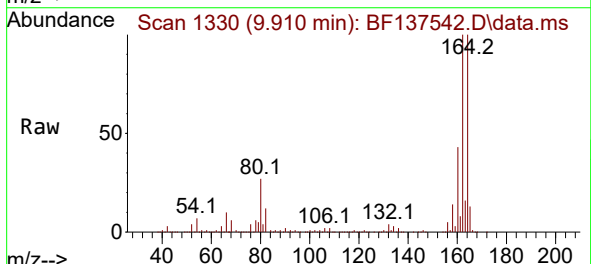
Instrument :
BNA_F
ClientSampleId :
TP-2

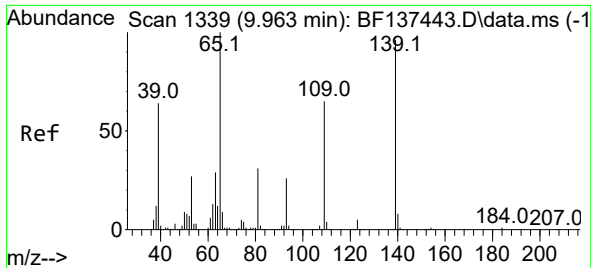
Tgt Ion:163 Resp: 76595
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 616.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.867 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.200 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion:165 Resp: 60288
Ion Ratio Lower Upper
165 100
63 0.8 50.7 76.1#
89 1.2 50.0 75.0#

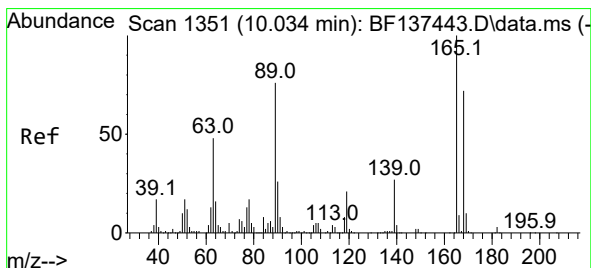
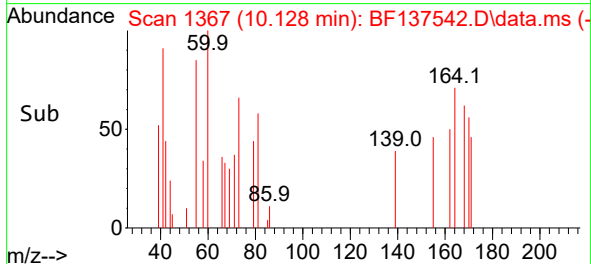
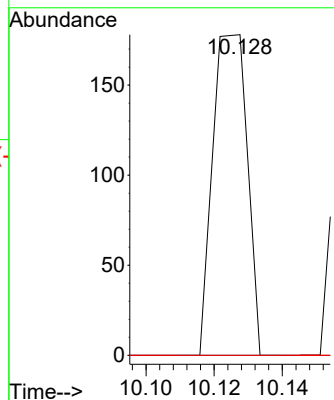
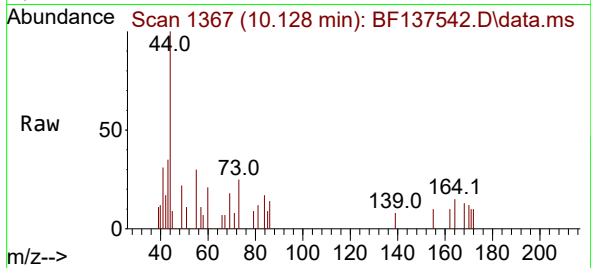




#56
4-Nitrophenol
Concen: 4.550 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

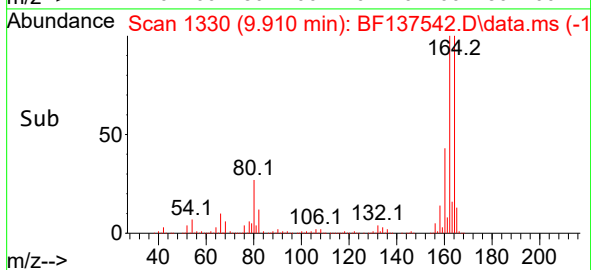
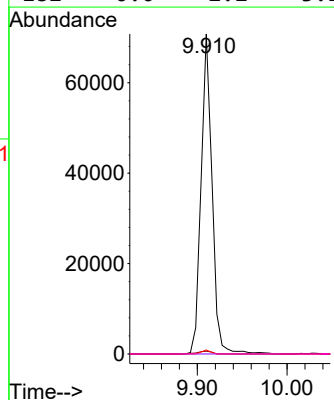
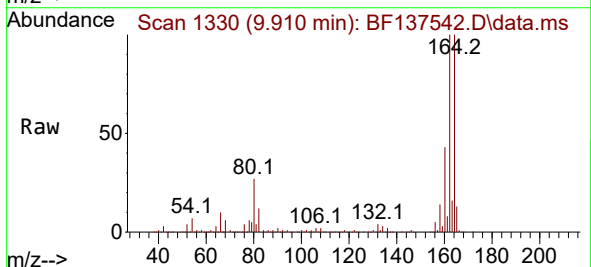
Instrument :
BNA_F
ClientSampleId :
TP-2

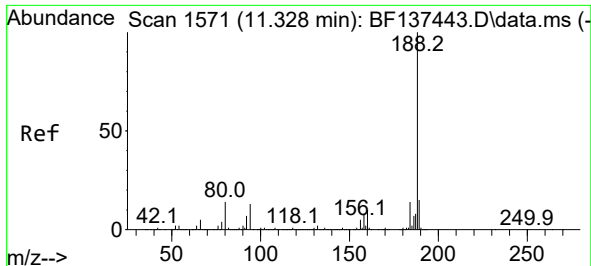
Tgt Ion:139 Resp: 125
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.217 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.206 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion:165 Resp: 60289
Ion Ratio Lower Upper
165 100
63 0.8 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#

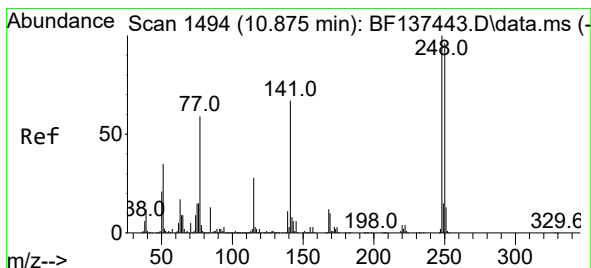
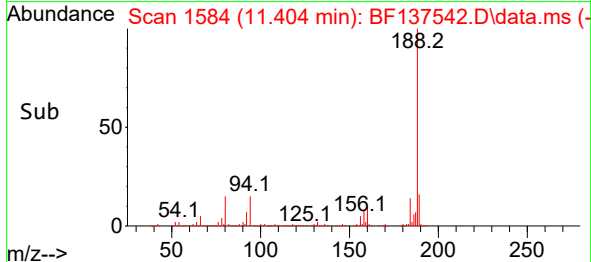
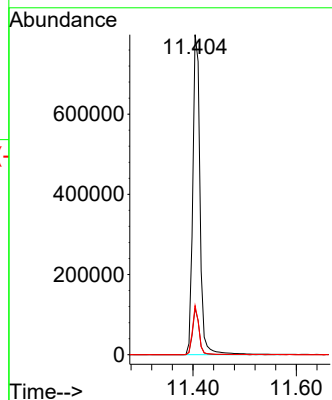
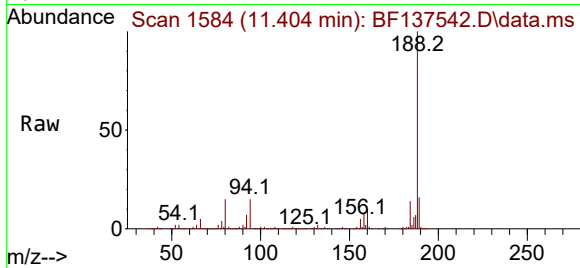




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

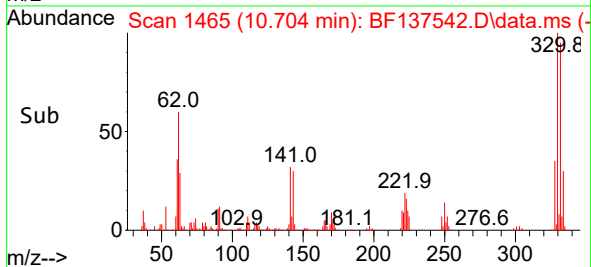
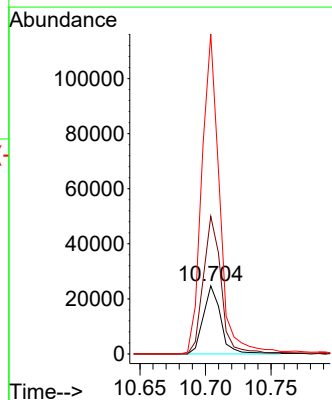
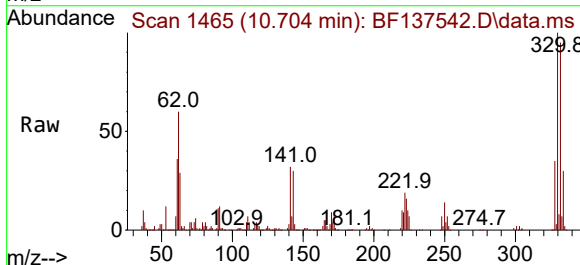
Instrument :
BNA_F
ClientSampleId :
TP-2

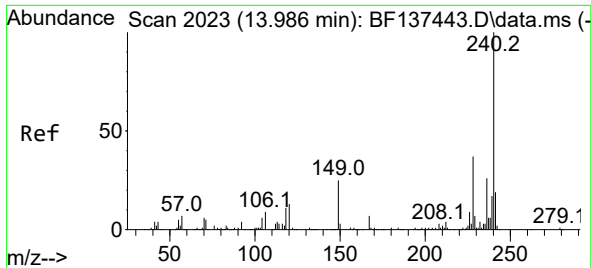
Tgt Ion:188 Resp: 778475
Ion Ratio Lower Upper
188 100
94 14.5 10.6 15.8
80 15.3 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 2.724 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion:248 Resp: 23100
Ion Ratio Lower Upper
248 100
250 202.0 76.8 115.2#
141 469.4 53.4 80.0#

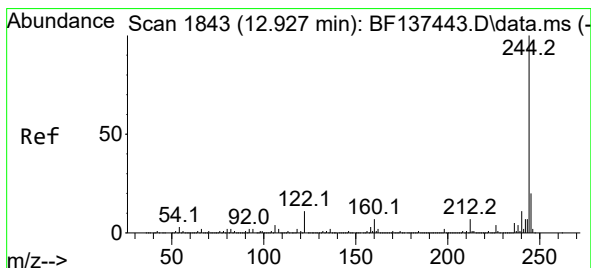
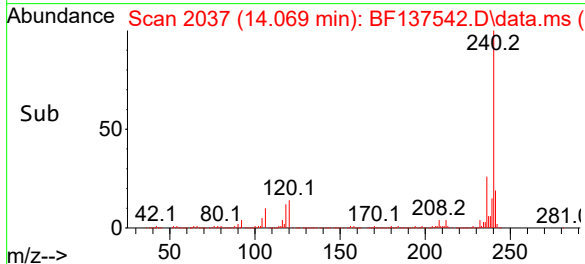
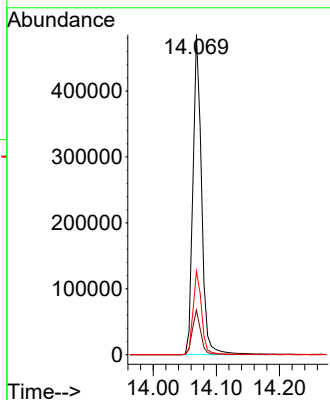
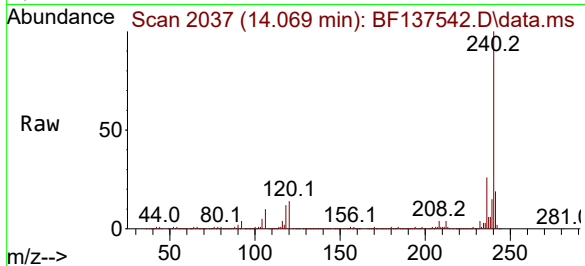




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

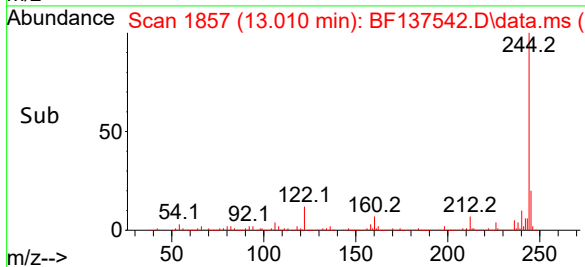
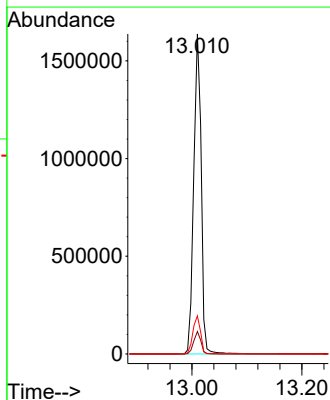
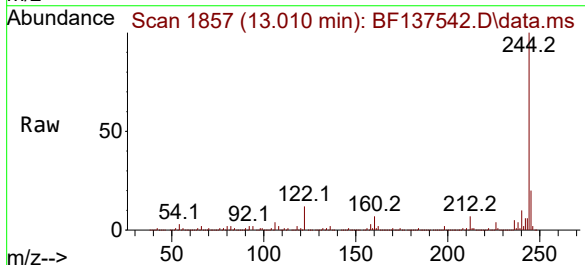
Instrument :
BNA_F
ClientSampleId :
TP-2

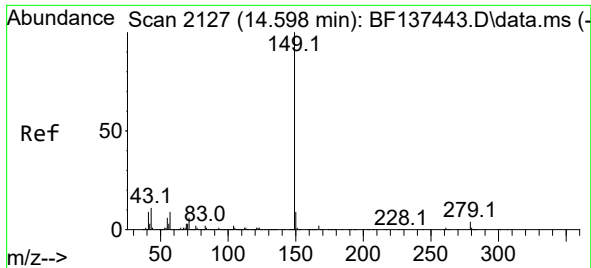
Tgt Ion:240 Resp: 463092
Ion Ratio Lower Upper
240 100
120 14.0 10.4 15.6
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 45.728 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion:244 Resp: 1539957
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.9 9.1 13.7

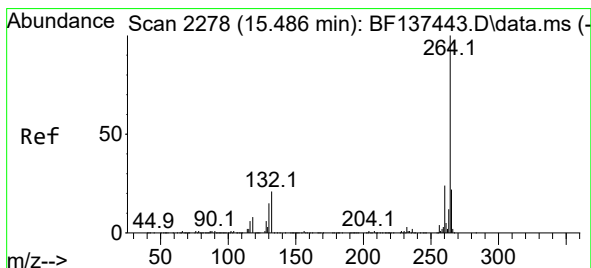
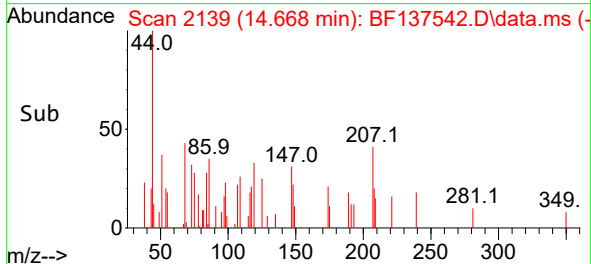
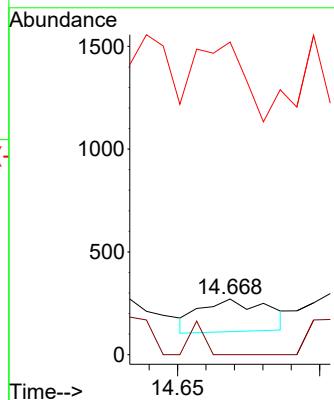
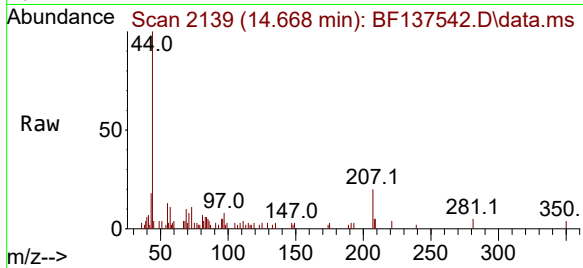




#85
Di-n-octyl phthalate
Concen: 5.615 ng
RT: 14.668 min Scan# 2127
Delta R.T. -0.023 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:149 Resp: 261
Ion Ratio Lower Upper
149 100
167 22.2 1.2 1.8#
43 172.4 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2299
Delta R.T. -0.006 min
Lab File: BF137542.D
Acq: 08 Mar 2024 14:41

Tgt Ion:264 Resp: 464999
Ion Ratio Lower Upper
264 100
260 23.7 19.3 28.9
265 21.1 17.4 26.0

