

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)

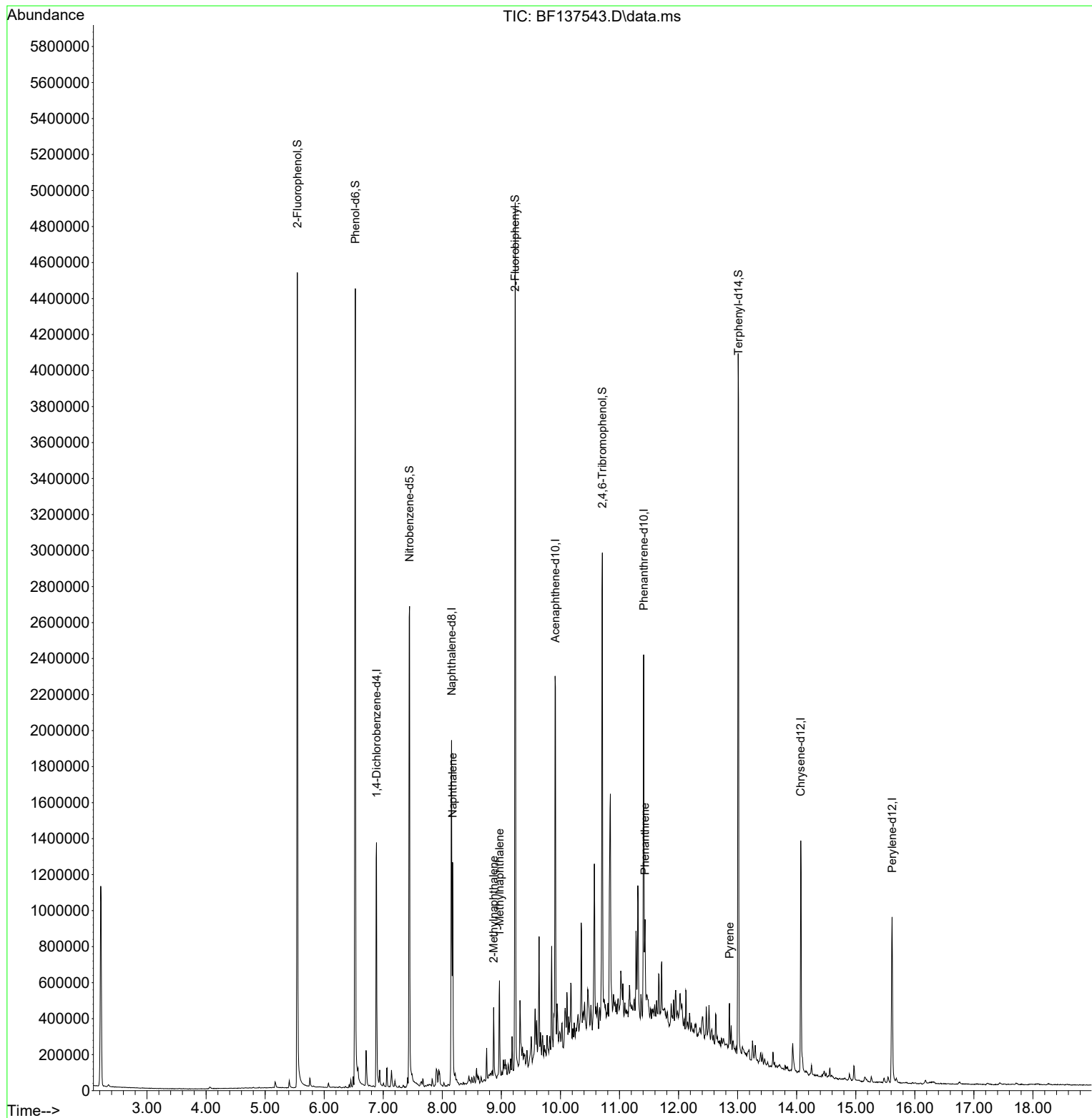
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	217366	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	832414	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	448540	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	741755	20.000	ng	0.00
76) Chrysene-d12	14.068	240	439264	20.000	ng	0.00
86) Perylene-d12	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
31) Naphthalene	8.175	128	540503	12.102	ng	98
37) 2-Methylnaphthalene	8.869	142	110947	3.897	ng	100
38) 1-Methylnaphthalene	8.969	142	143387	5.348	ng	100
71) Phenanthrene	11.433	178	166225	4.118	ng	99
78) Pyrene	12.863	202	101468	2.354	ng	98

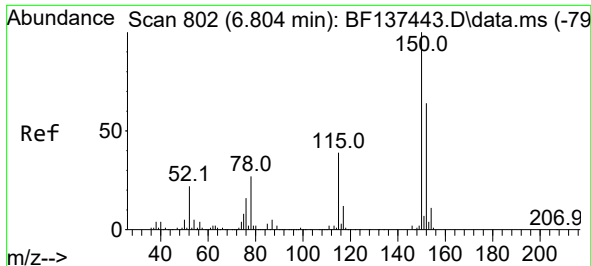
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :
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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
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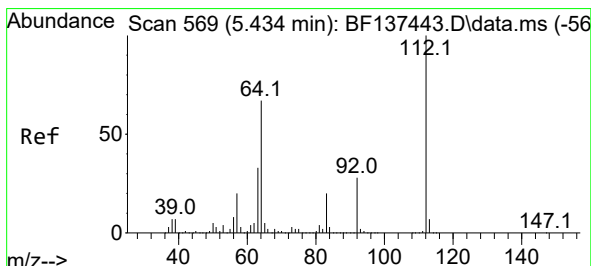
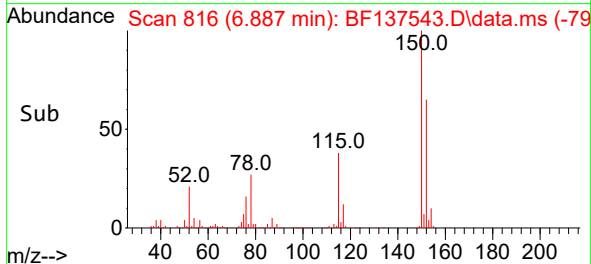
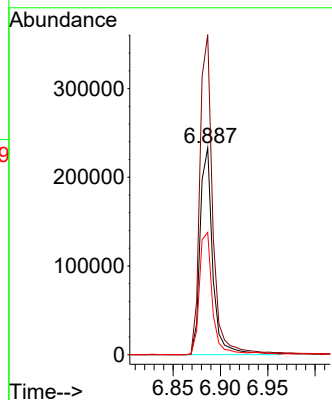
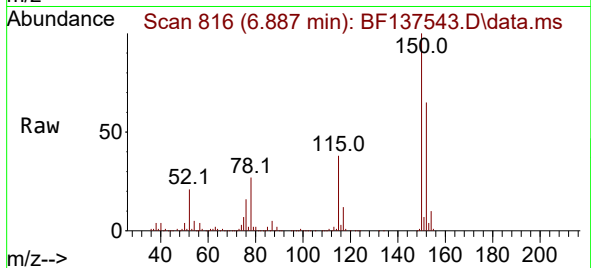




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

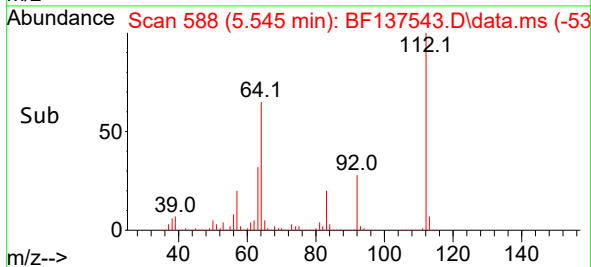
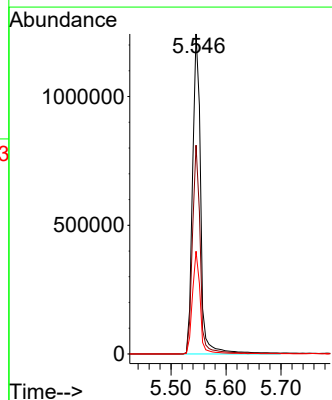
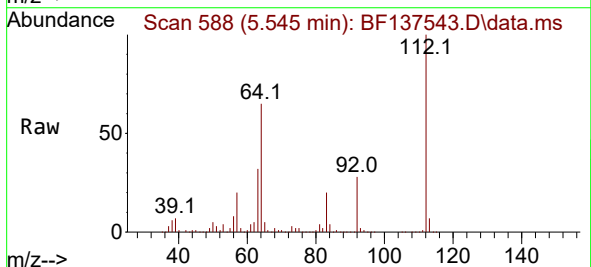
Instrument :
BNA_F
ClientSampleId :
TP-2B

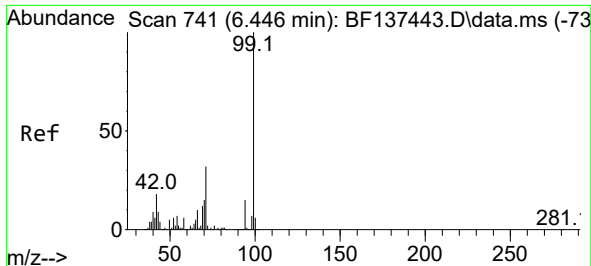
Tgt Ion:152 Resp: 217366
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 59.2 48.8 73.2



#5
2-Fluorophenol
Concen: 88.583 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.000 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

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

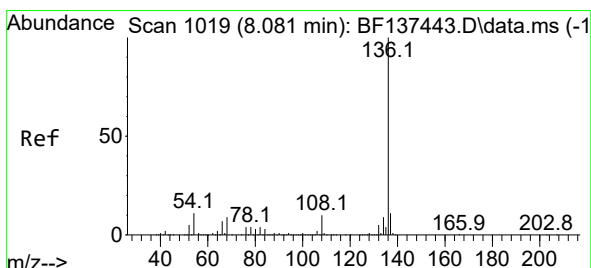
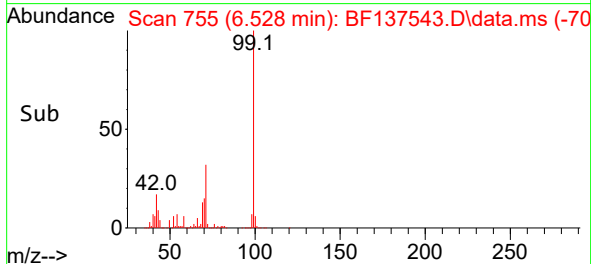
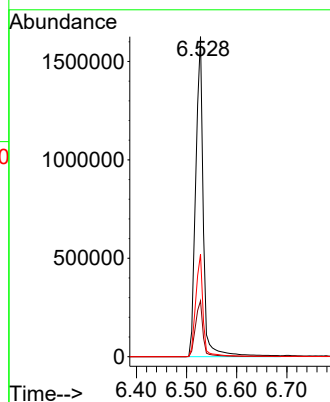
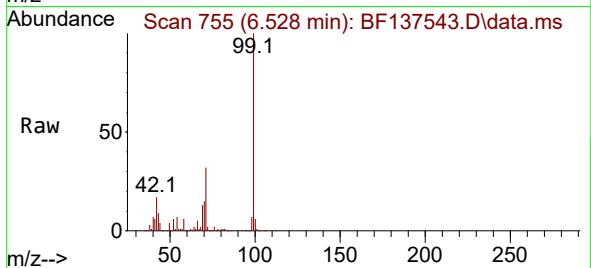




#7
Phenol-d6
Concen: 82.725 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

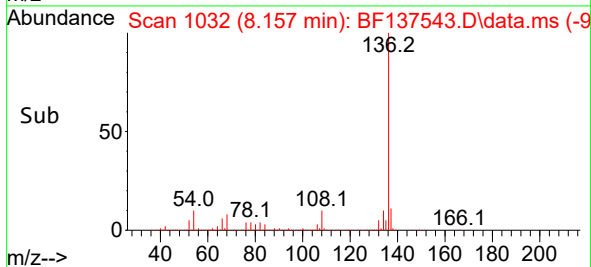
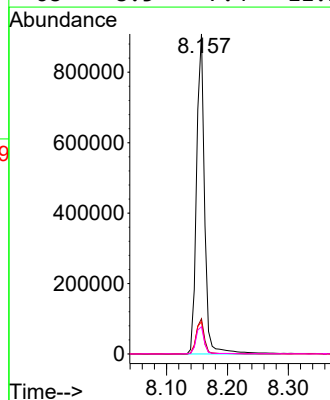
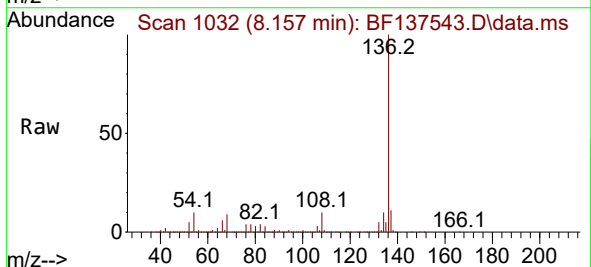
Instrument :
BNA_F
ClientSampleId :
TP-2B

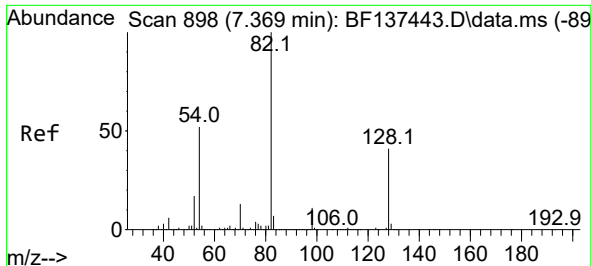
Tgt Ion: 99 Resp: 1713791
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 32.0 25.3 37.9



#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

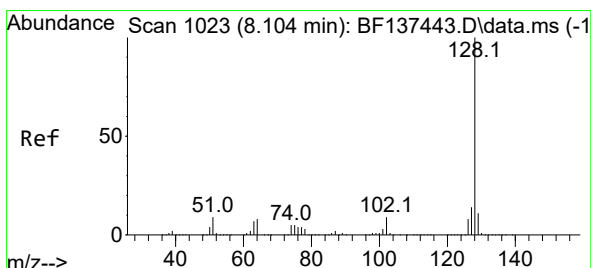
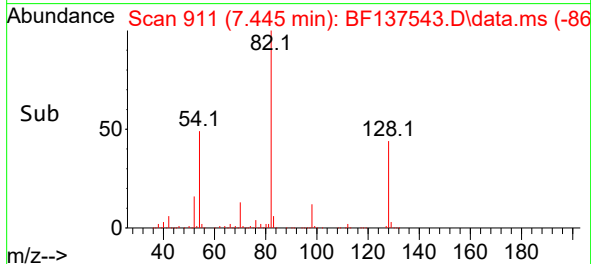
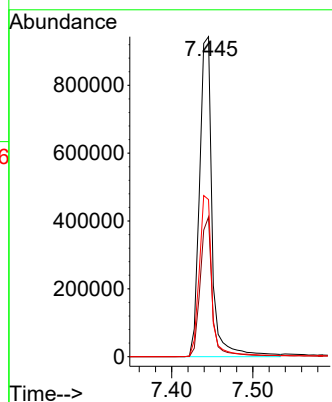
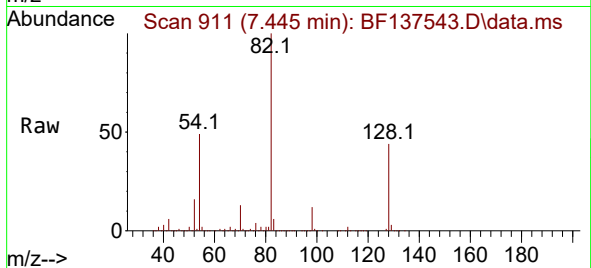
Tgt Ion: 82 Resp: 1020800

Ion Ratio Lower Upper

82 100

128 43.7 32.5 48.7

54 49.1 41.5 62.3



#31

Naphthalene

Concen: 12.102 ng

RT: 8.175 min Scan# 1035

Delta R.T. -0.006 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

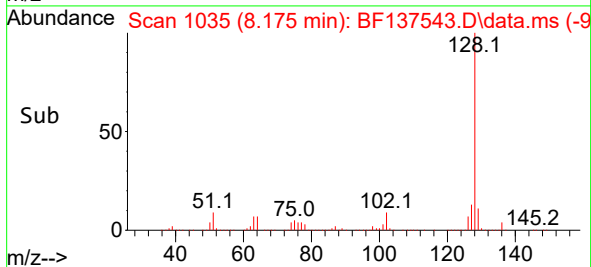
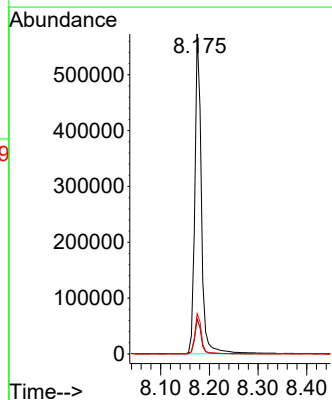
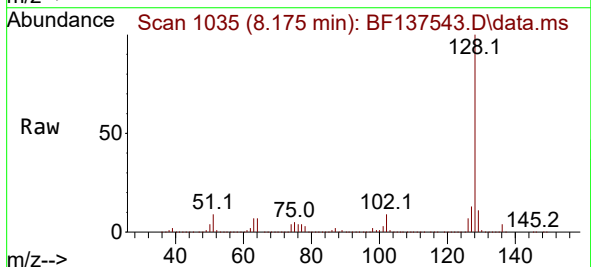
Tgt Ion: 128 Resp: 540503

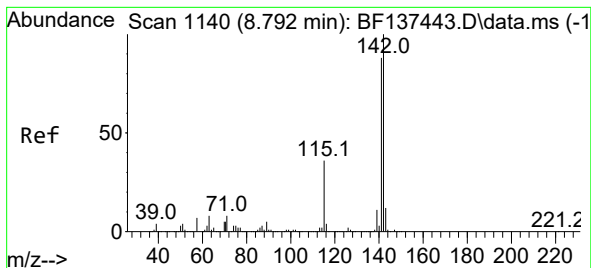
Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

127 12.6 10.8 16.2





#37

2-Methylnaphthalene

Concen: 3.897 ng

RT: 8.869 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

Instrument :

BNA_F

ClientSampleId :

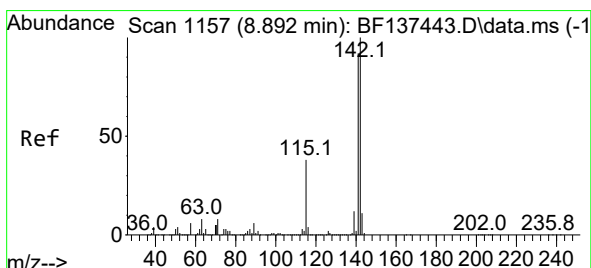
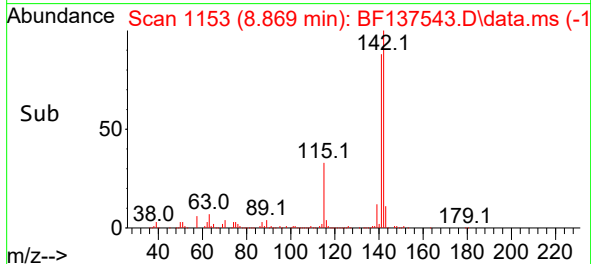
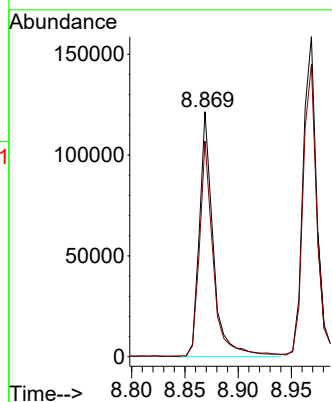
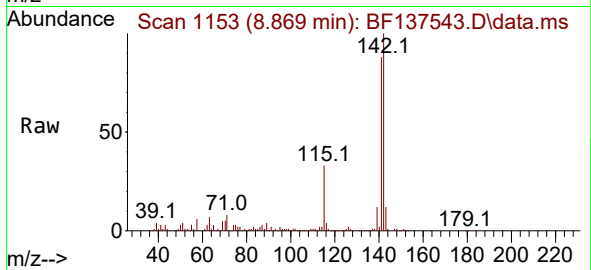
TP-2B

Tgt Ion:142 Resp: 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# 1170

Delta R.T. -0.006 min

Lab File: BF137543.D

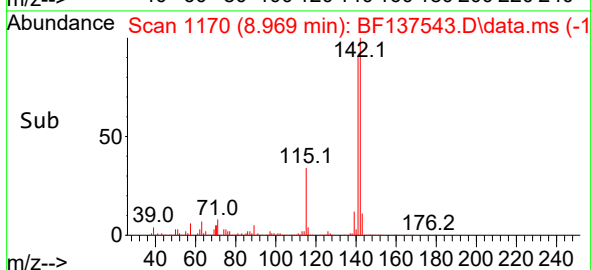
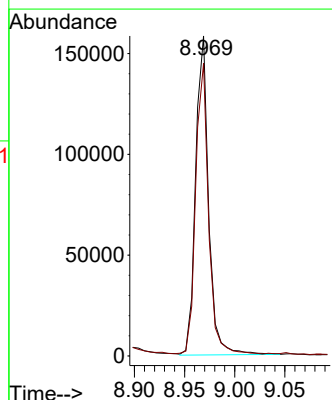
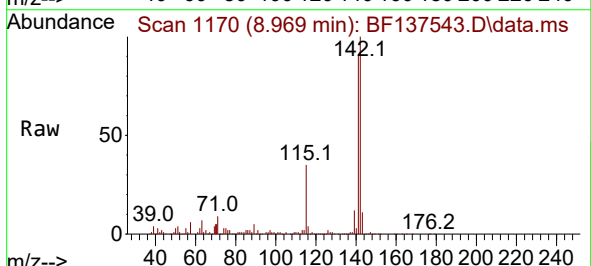
Acq: 08 Mar 2024 15:11

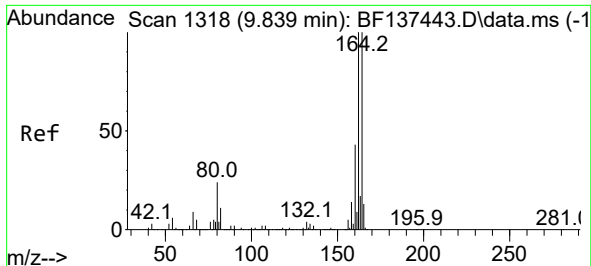
Tgt Ion:142 Resp: 143387

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# 1

Delta R.T. 0.000 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP-2B

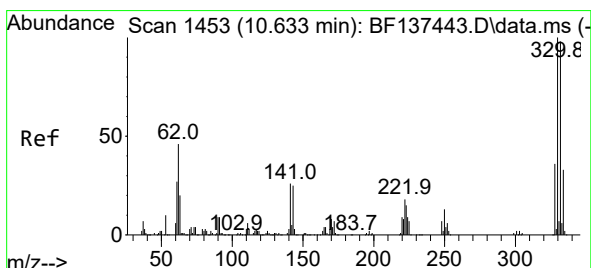
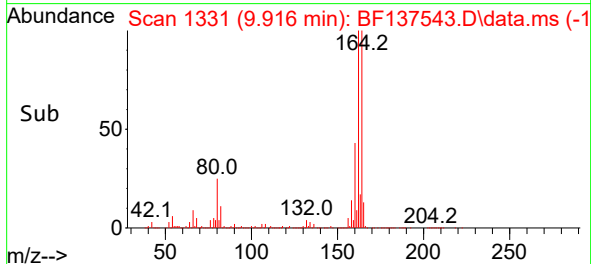
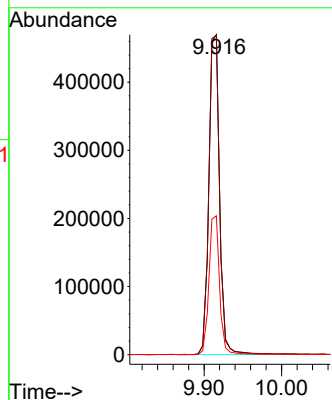
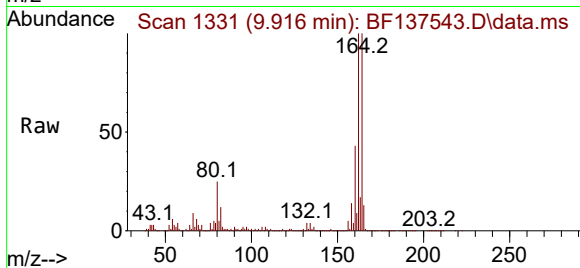
Tgt Ion:164 Resp: 448540

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# 1466

Delta R.T. -0.006 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

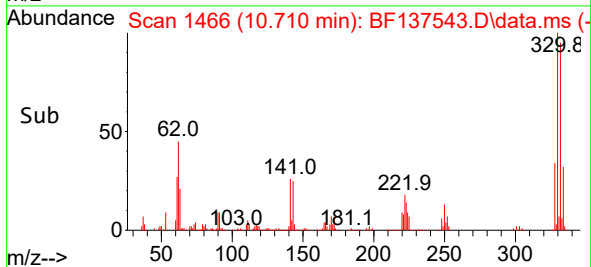
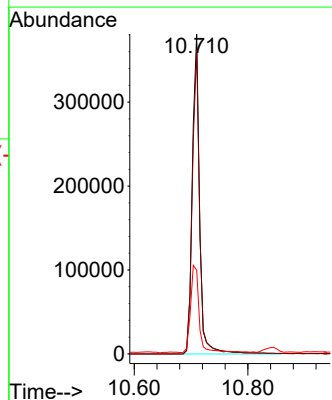
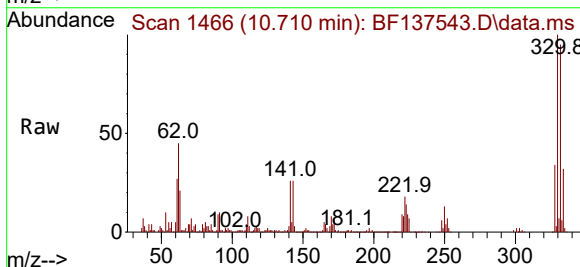
Tgt Ion:330 Resp: 340024

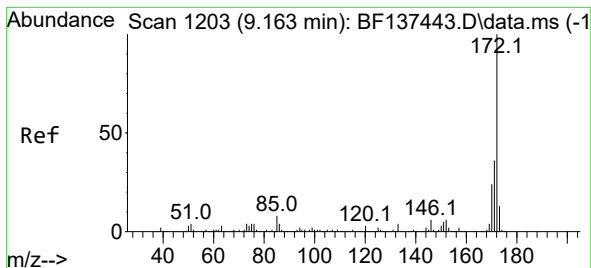
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

Instrument :

BNA_F

ClientSampleId :

TP-2B

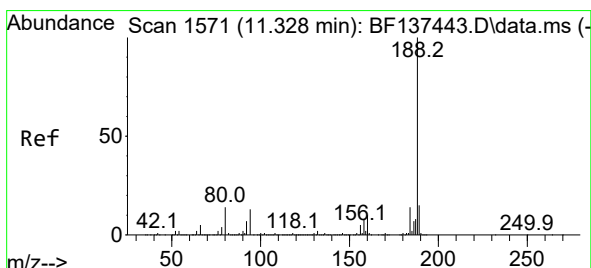
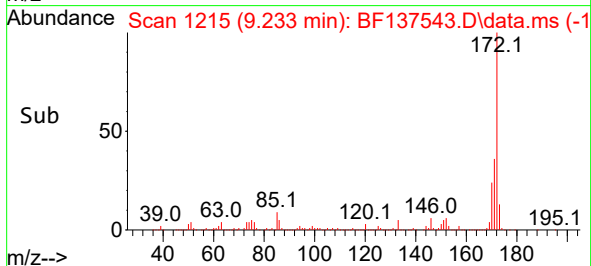
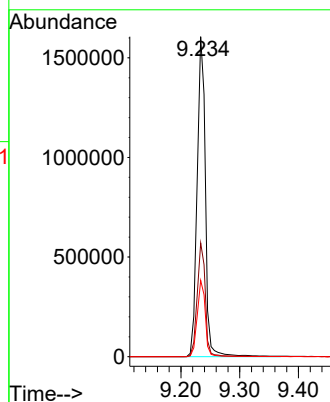
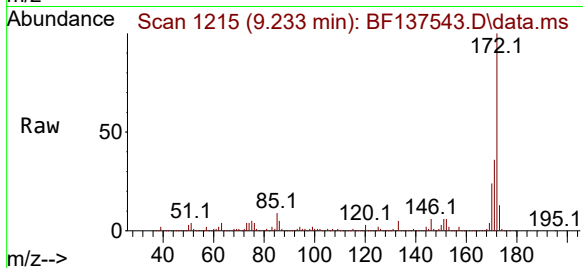
Tgt Ion:172 Resp: 1573962

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.9 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF137543.D

Acq: 08 Mar 2024 15:11

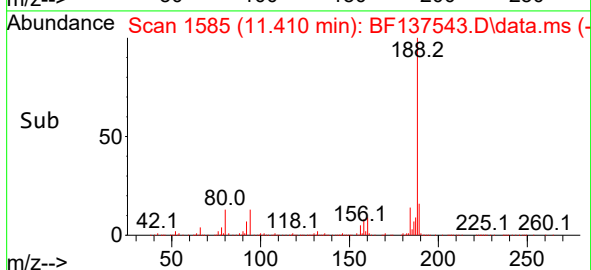
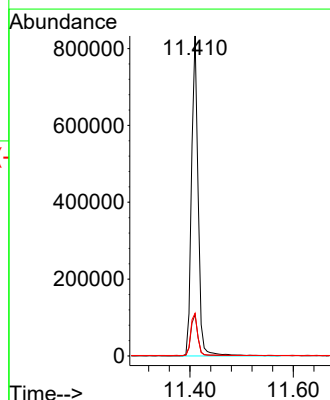
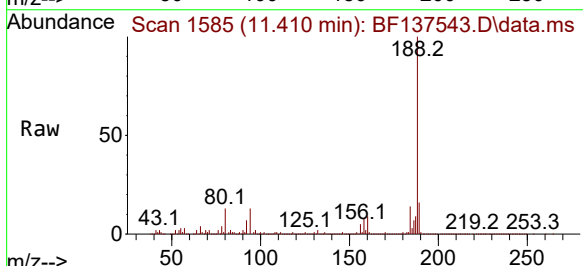
Tgt Ion:188 Resp: 741755

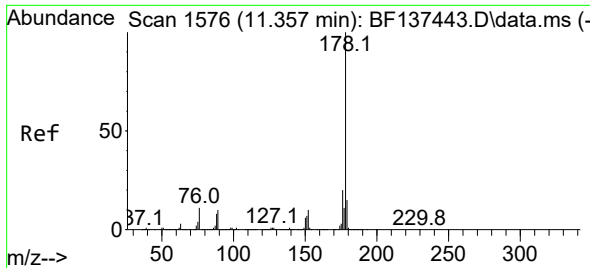
Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 13.4 11.5 17.3

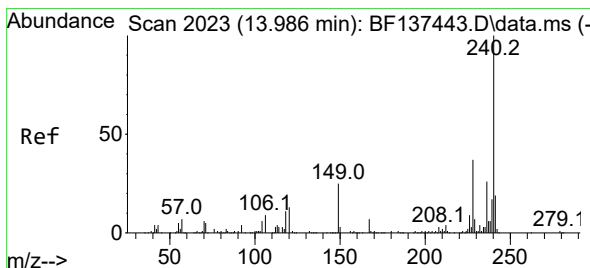
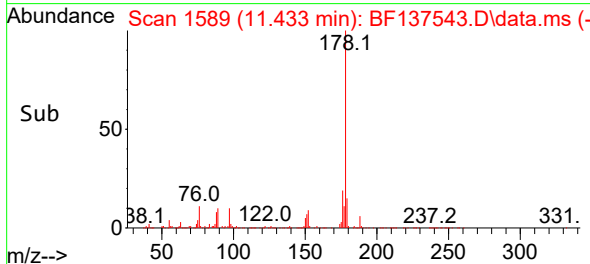
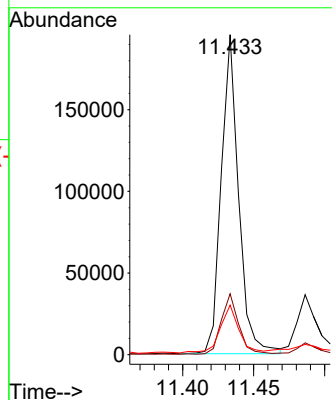
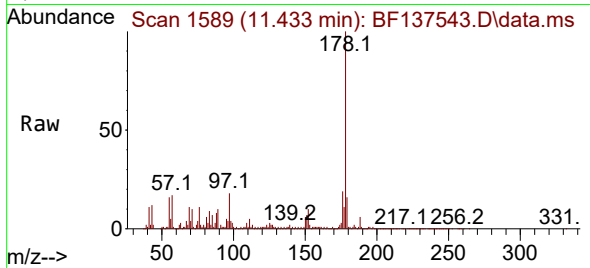




#71
Phenanthrene
Concen: 4.118 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137543.D
Acq: 08 Mar 2024 15:11

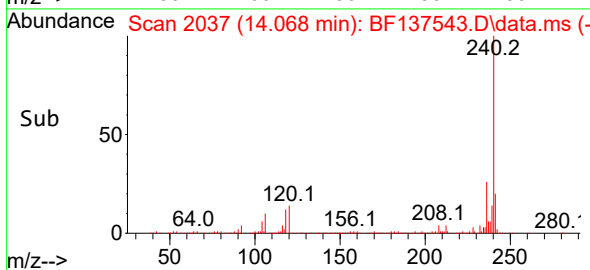
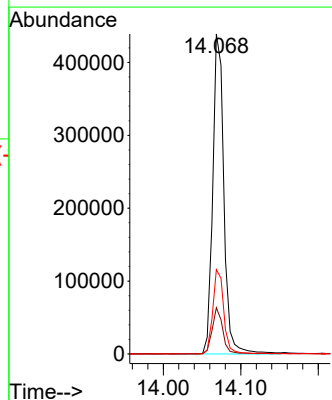
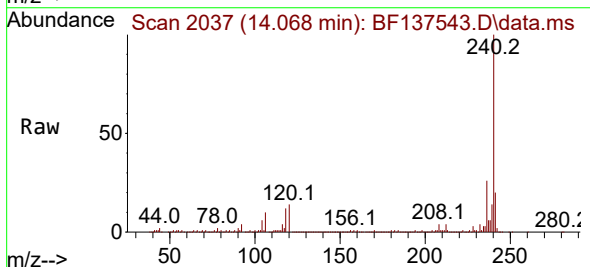
Instrument :
BNA_F
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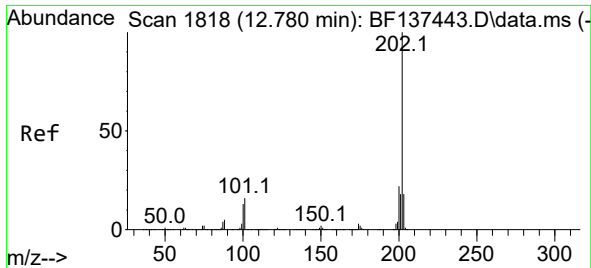
Tgt Ion:178 Resp: 166225
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.5 12.2 18.2



#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

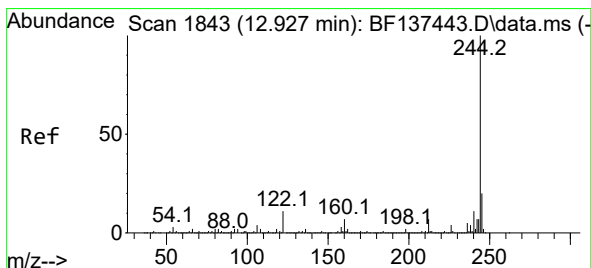
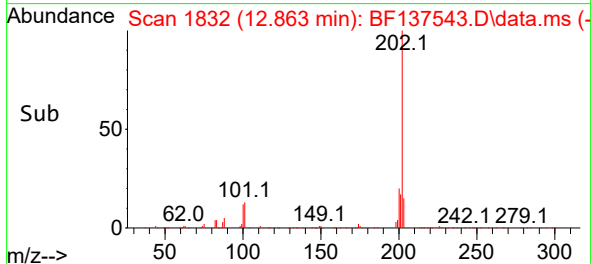
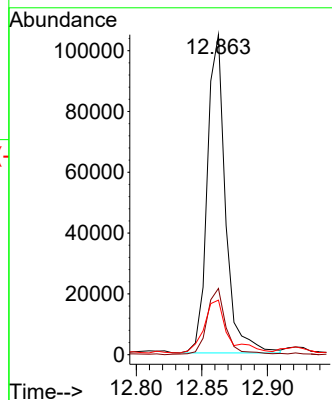
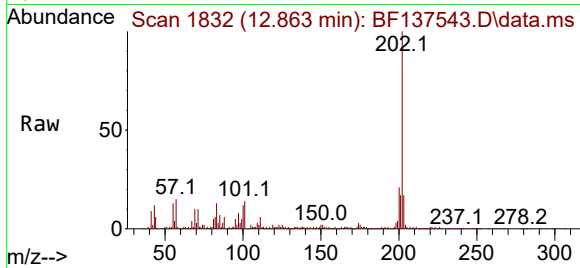




#78
 Pyrene
 Concen: 2.354 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF137543.D
 Acq: 08 Mar 2024 15:11

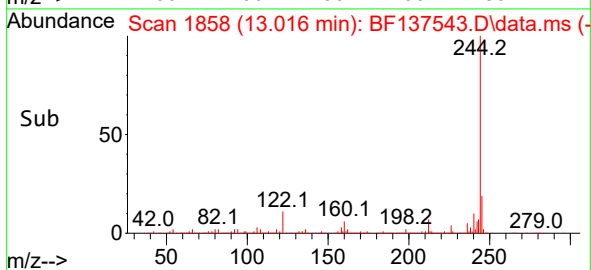
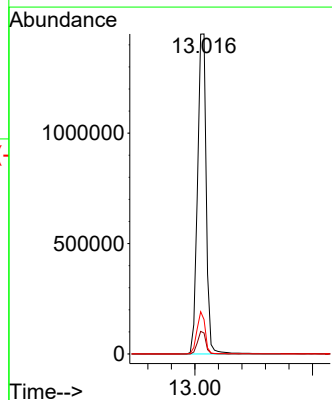
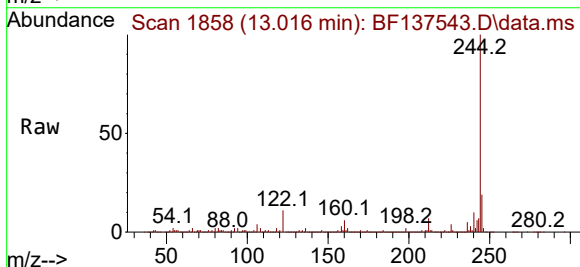
Instrument :
 BNA_F
 ClientSampleId :
 TP-2B

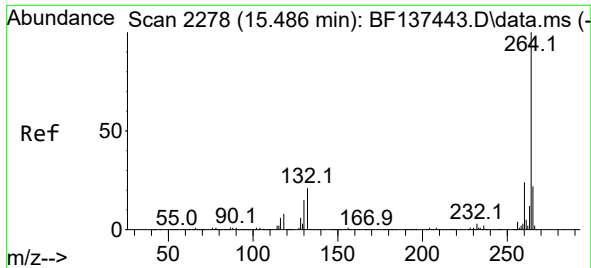
Tgt Ion:202 Resp: 101468
 Ion Ratio Lower Upper
 202 100
 200 20.7 17.4 26.2
 203 17.1 14.1 21.1



#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





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137543.D
 Acq: 08 Mar 2024 15:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-2B

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

