

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137565.D
 Acq On : 11 Mar 2024 19:48
 Operator : CG\JU
 Sample : P1710-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-030724

Quant Time: Mar 12 02:07:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 12 02:00:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	236682	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	912779	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	470105	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	648440	20.000	ng	-0.01
76) Chrysene-d12	14.086	240	463202	20.000	ng	-0.01
86) Perylene-d12	15.639	264	435449	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1333363	85.323	ng	0.00
7) Phenol-d6	6.545	99	1819184	80.646	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1145065	58.288	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	309992	75.089	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1782159	59.343	ng	0.00
79) Terphenyl-d14	13.027	244	1354600	40.214	ng	-0.01

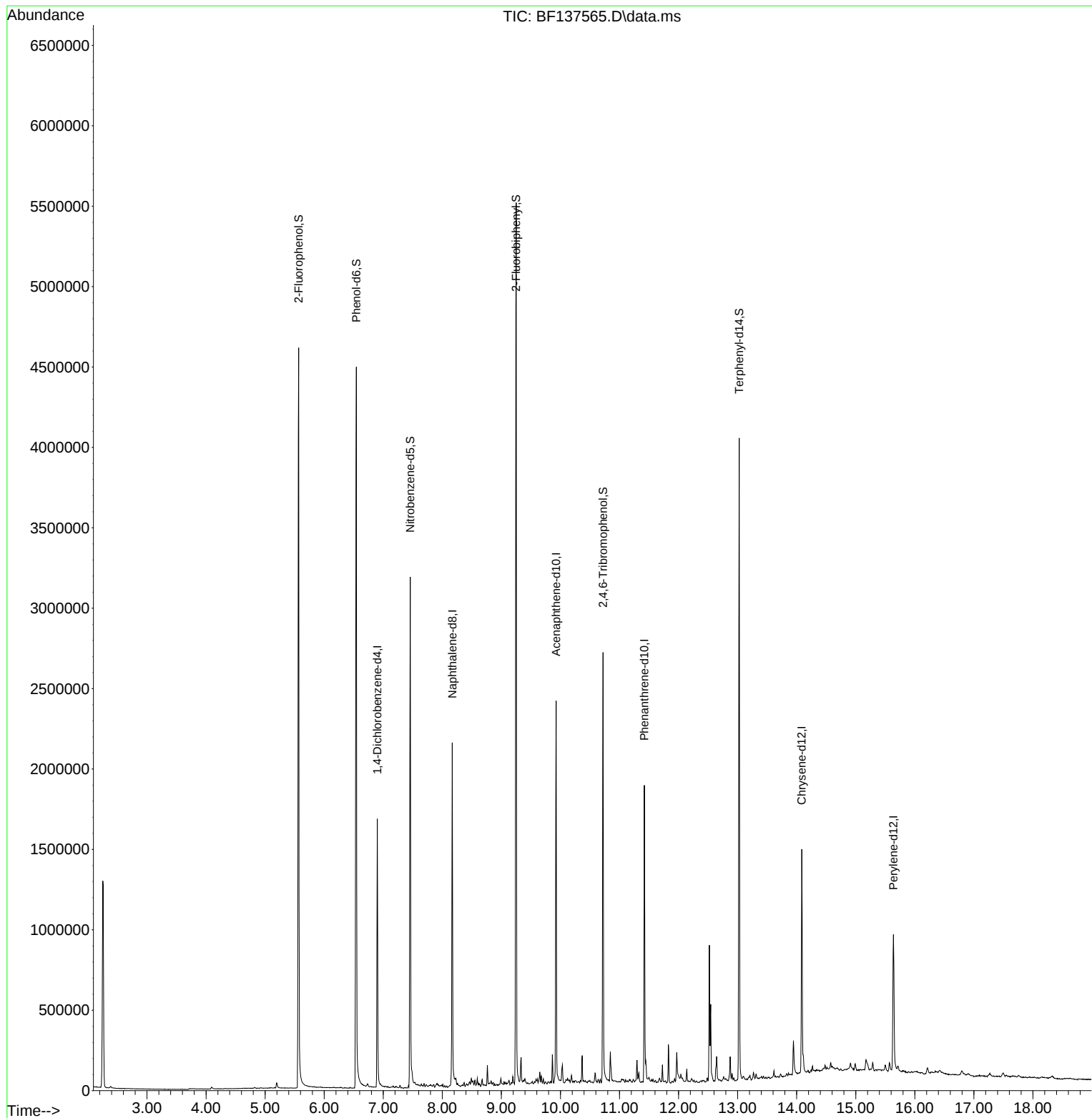
Target Compounds	Qvalue

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

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BNA_F
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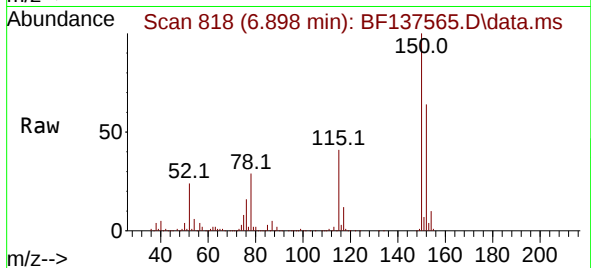
Quant Time: Mar 12 02:07:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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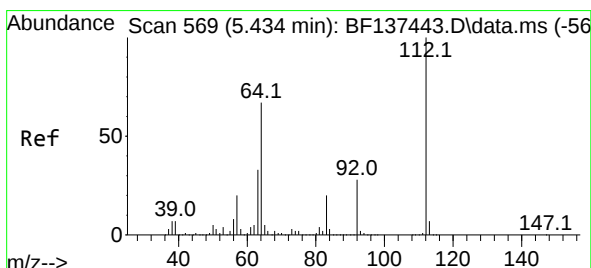
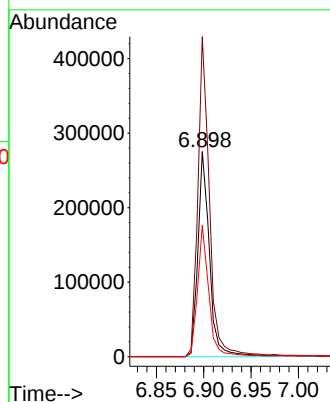
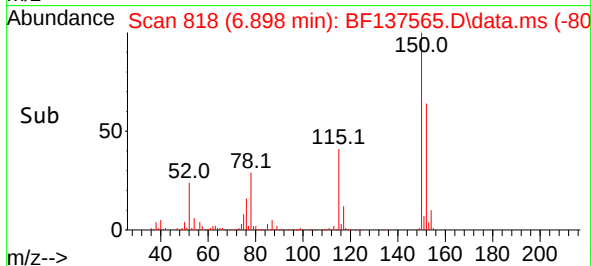


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

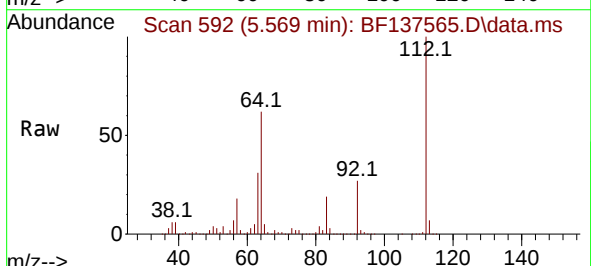
Instrument :
BNA_F
ClientSampleId :
TR-04-030724



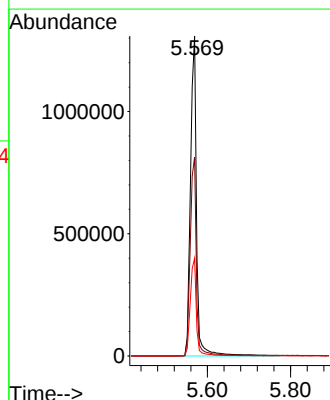
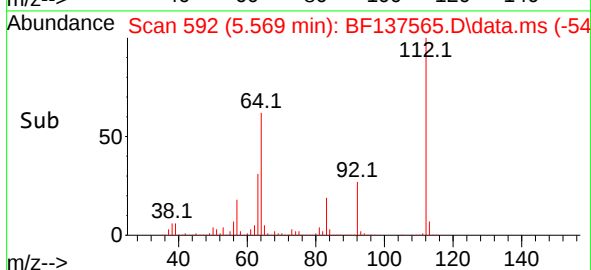
Tgt Ion:152 Resp: 236682
Ion Ratio Lower Upper
152 100
150 156.0 125.8 188.6
115 64.0 48.8 73.2



#5
2-Fluorophenol
Concen: 85.323 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48



Tgt Ion:112 Resp: 1333363
Ion Ratio Lower Upper
112 100
64 62.2 53.4 80.2
63 30.5 26.2 39.2

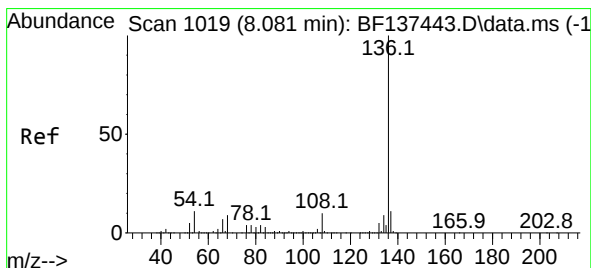
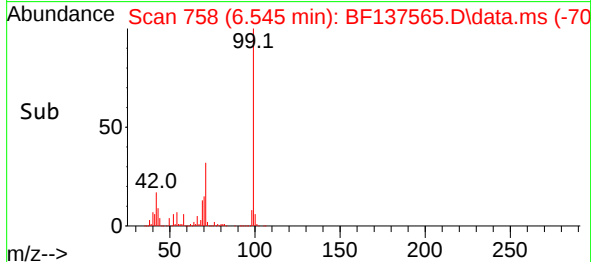
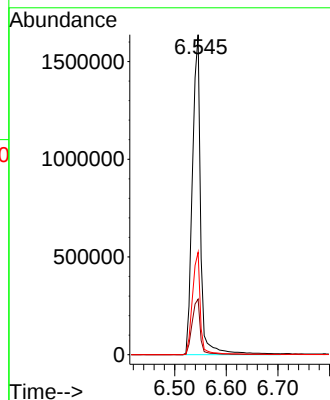
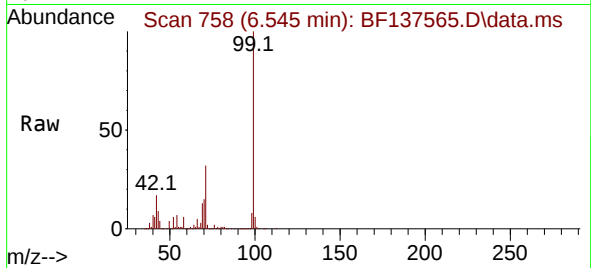




#7
Phenol-d6
Concen: 80.646 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

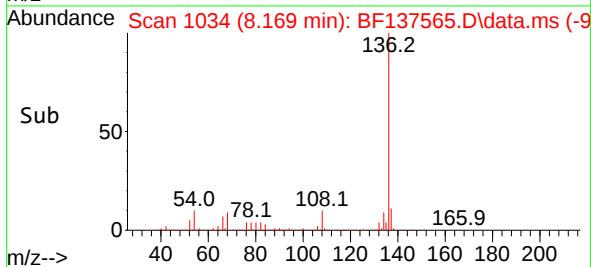
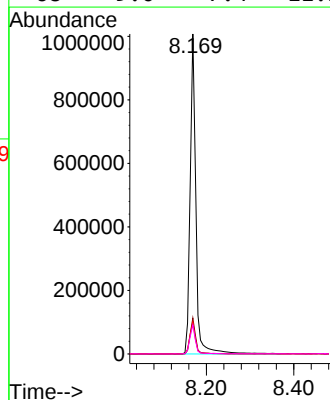
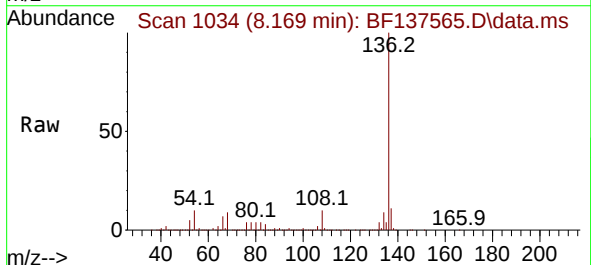
Instrument :
BNA_F
ClientSampleId :
TR-04-030724

Tgt Ion: 99 Resp: 1819184
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 32.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF137565.D
Acq: 11 Mar 2024 19:48

Tgt Ion: 136 Resp: 912779
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.0 8.5 12.7
68 9.0 7.4 11.2





#23

Nitrobenzene-d5

Concen: 58.288 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TR-04-030724

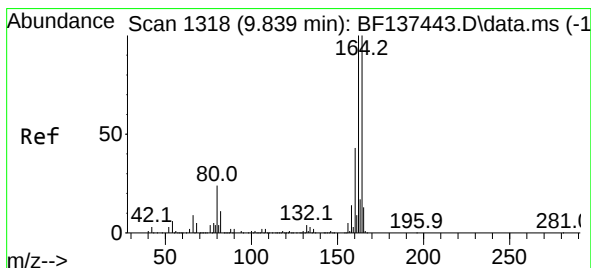
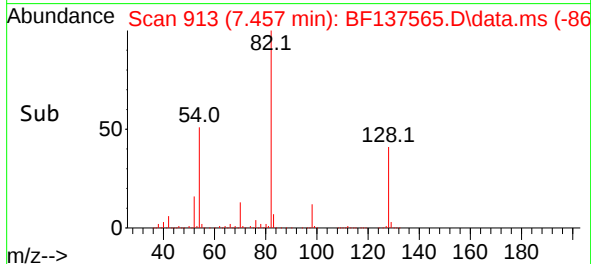
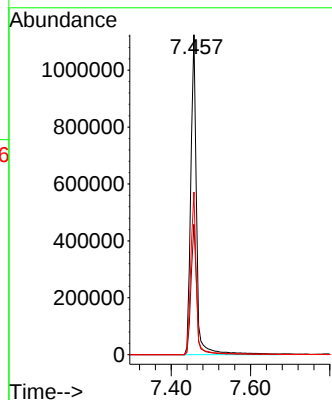
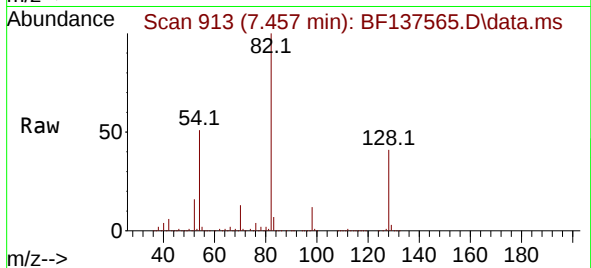
Tgt Ion: 82 Resp: 1145065

Ion Ratio Lower Upper

82 100

128 40.8 32.5 48.7

54 50.9 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

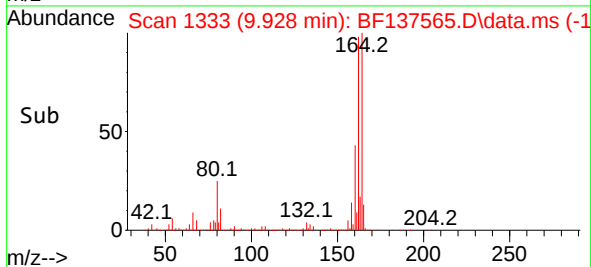
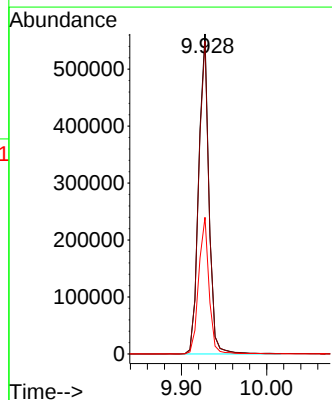
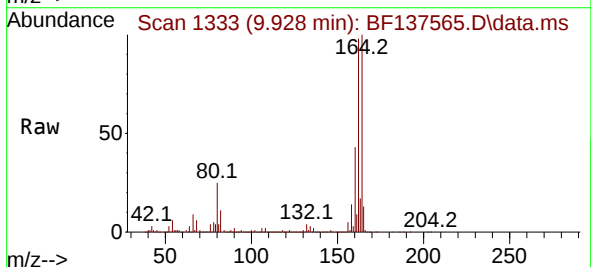
Tgt Ion:164 Resp: 470105

Ion Ratio Lower Upper

164 100

162 97.7 79.8 119.8

160 42.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 75.089 ng

RT: 10.722 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TR-04-030724

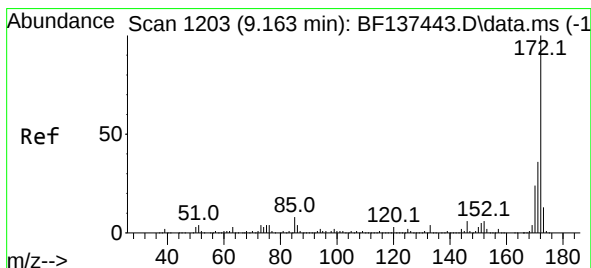
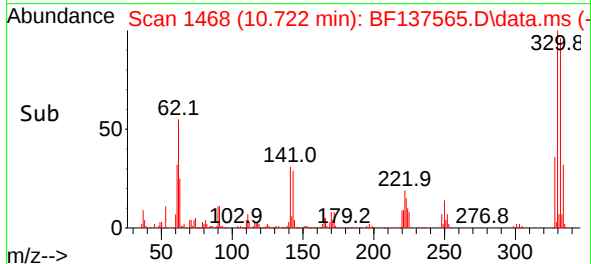
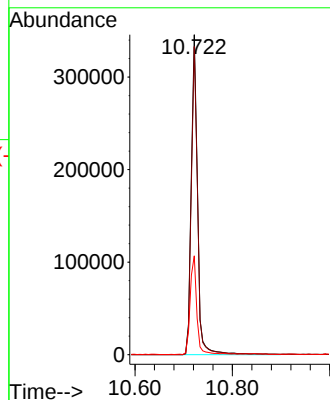
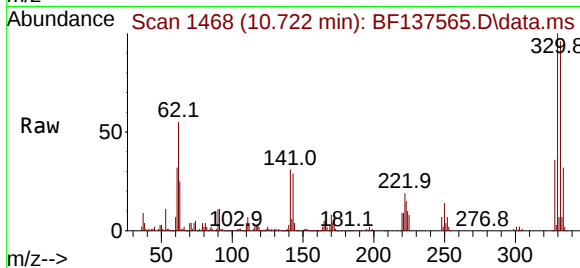
Tgt Ion:330 Resp: 309992

Ion Ratio Lower Upper

330 100

332 95.2 78.0 117.0

141 32.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 59.343 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

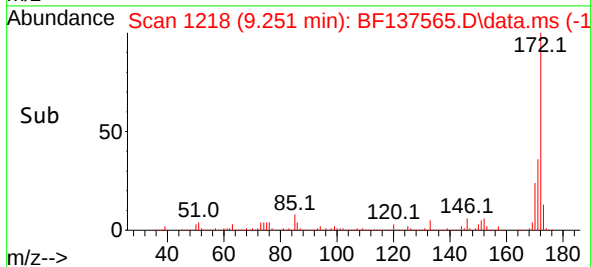
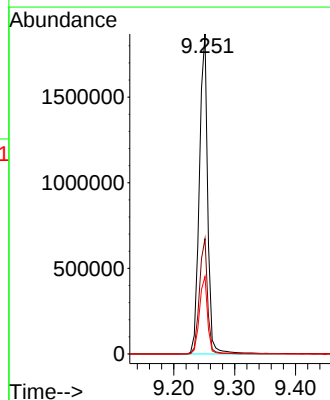
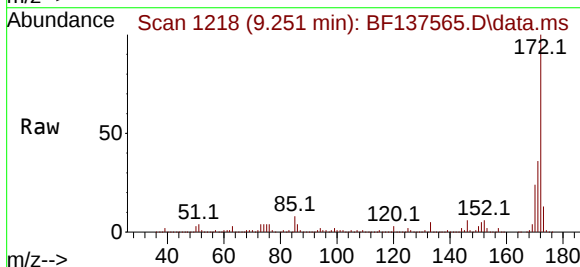
Tgt Ion:172 Resp: 1782159

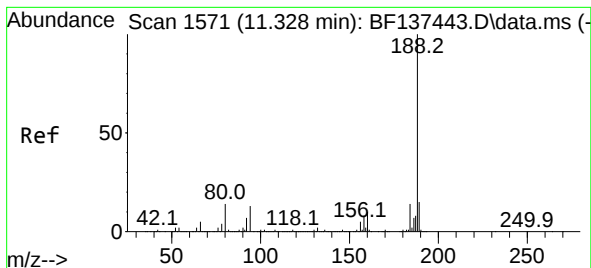
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TR-04-030724

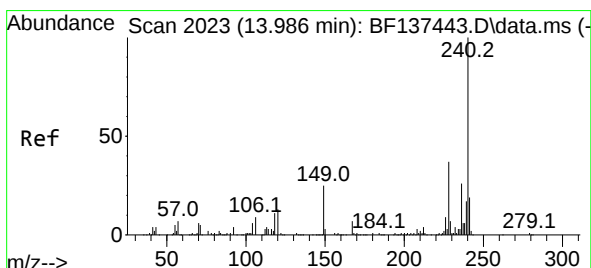
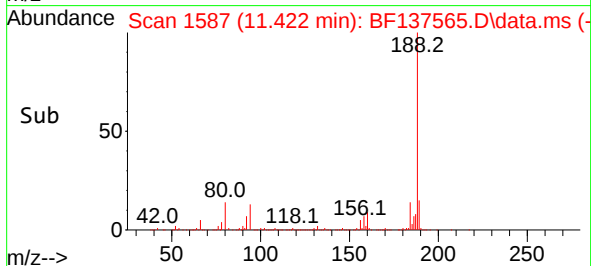
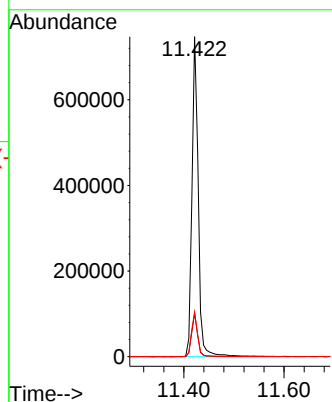
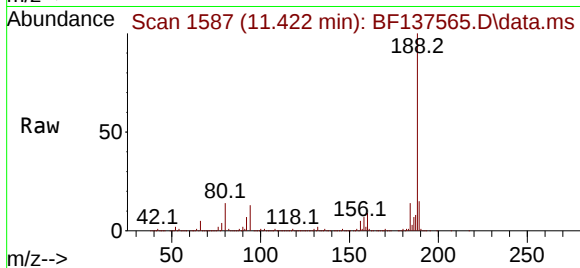
Tgt Ion:188 Resp: 648440

Ion Ratio Lower Upper

188 100

94 13.5 10.6 15.8

80 14.0 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.012 min

Lab File: BF137565.D

Acq: 11 Mar 2024 19:48

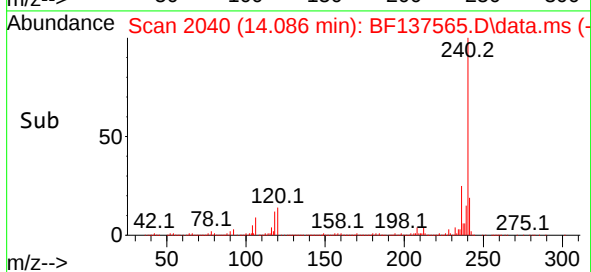
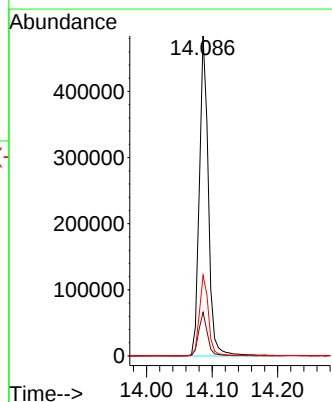
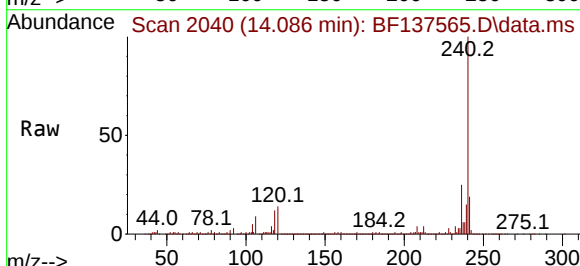
Tgt Ion:240 Resp: 463202

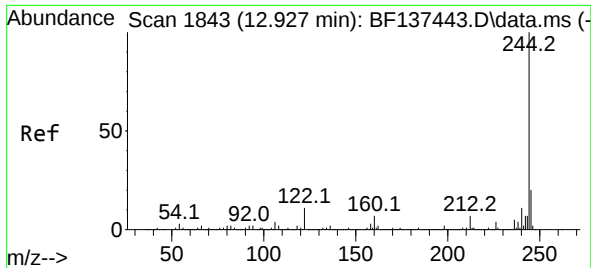
Ion Ratio Lower Upper

240 100

120 13.6 10.4 15.6

236 25.2 20.9 31.3

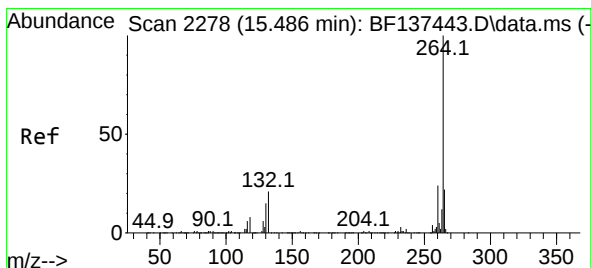
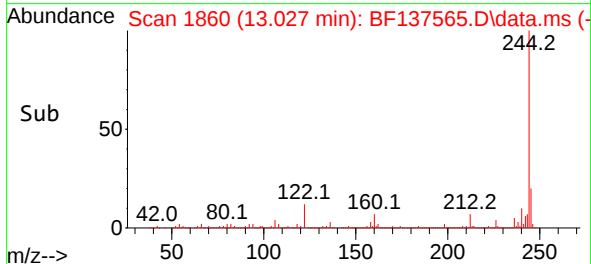
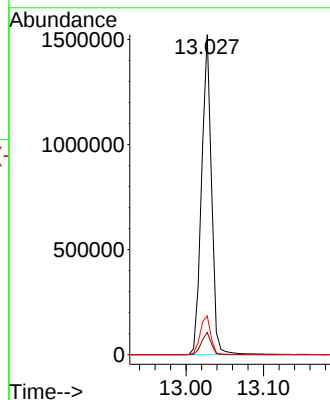
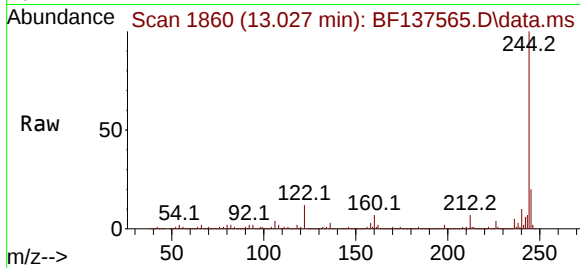




#79
 Terphenyl-d14
 Concen: 40.214 ng
 RT: 13.027 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF137565.D
 Acq: 11 Mar 2024 19:48

Instrument :
 BNA_F
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 TR-04-030724

Tgt Ion:244 Resp: 1354600
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 12.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.012 min
 Lab File: BF137565.D
 Acq: 11 Mar 2024 19:48

Tgt Ion:264 Resp: 435449
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.7 17.4 26.0

