

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
 Data File : BF137561.D
 Acq On : 11 Mar 2024 17:47
 Operator : CG\JU
 Sample : P1720-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3471

Quant Time: Mar 12 02:05:30 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	226422	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	897829	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	489117	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	725921	20.000	ng	0.00
76) Chrysene-d12	14.092	240	442696	20.000	ng	0.00
86) Perylene-d12	15.645	264	467640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1377616	92.149	ng	0.00
7) Phenol-d6	6.545	99	1894114	87.773	ng	-0.01
23) Nitrobenzene-d5	7.457	82	1133885	58.680	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	358222	83.399	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1846050	59.081	ng	0.00
79) Terphenyl-d14	13.033	244	1401714	43.540	ng	0.00

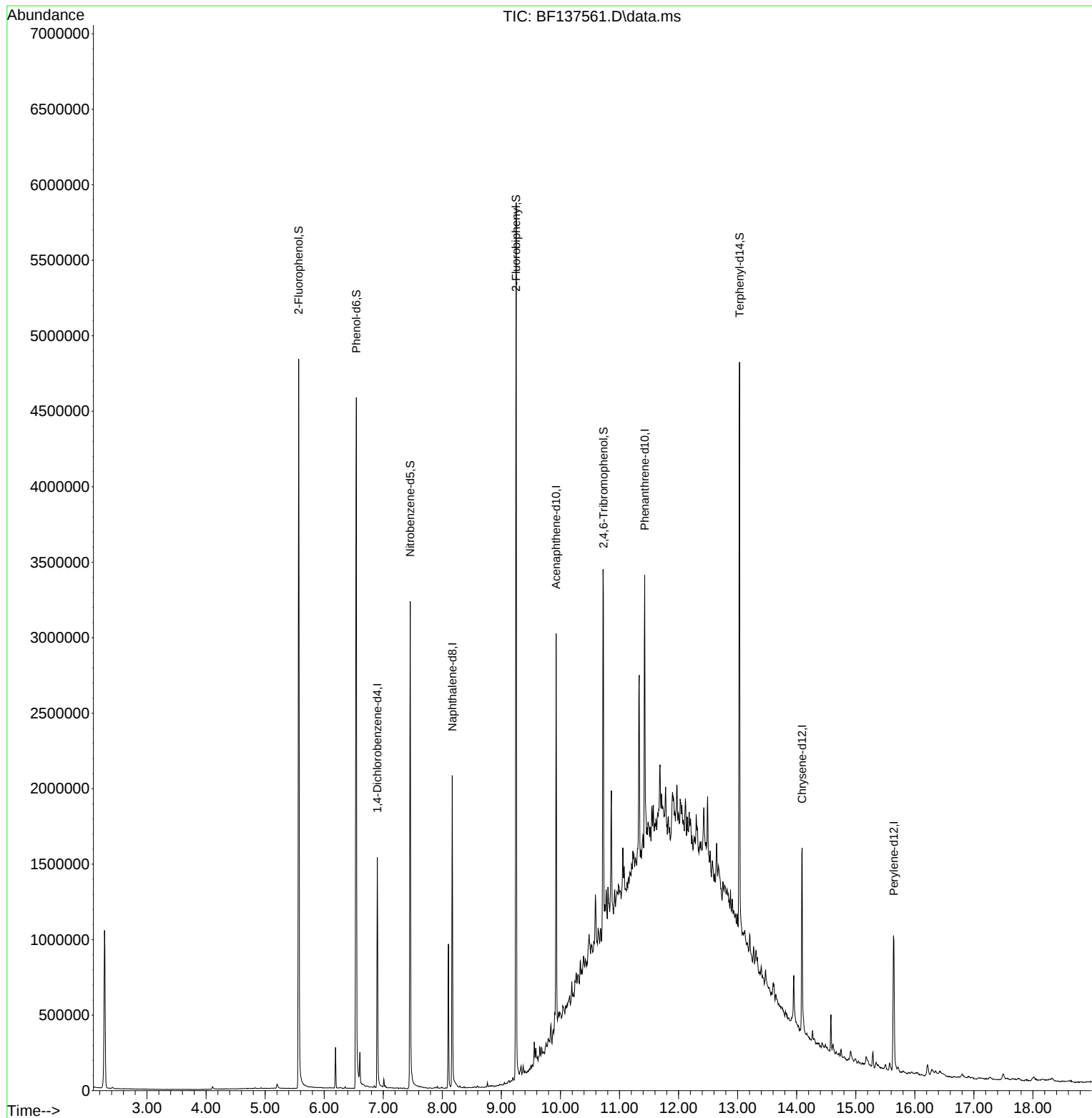
Target Compounds	Qvalue

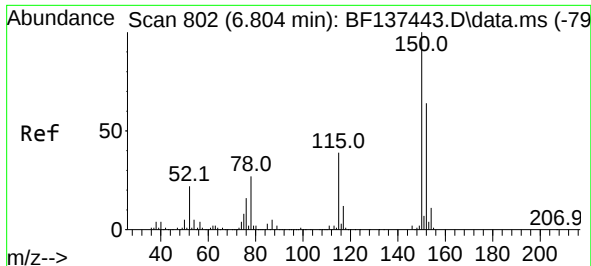
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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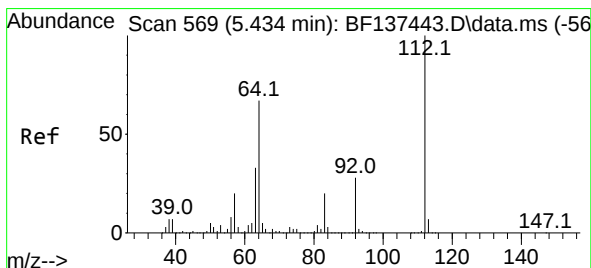
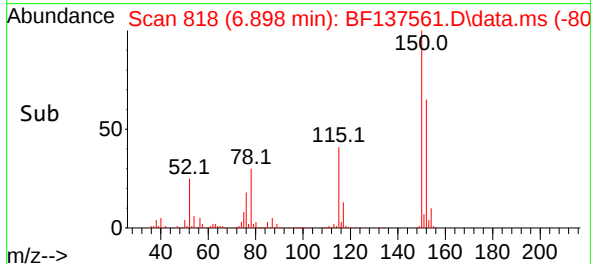
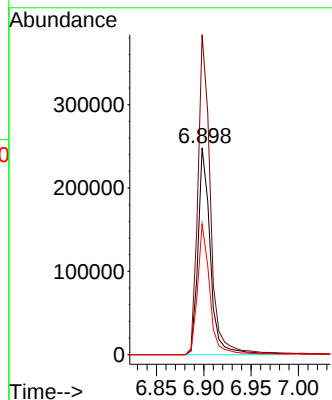
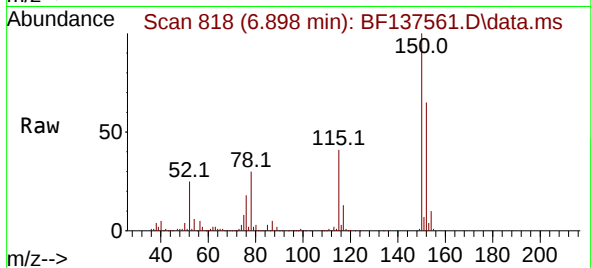




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF137561.D
Acq: 11 Mar 2024 17:47

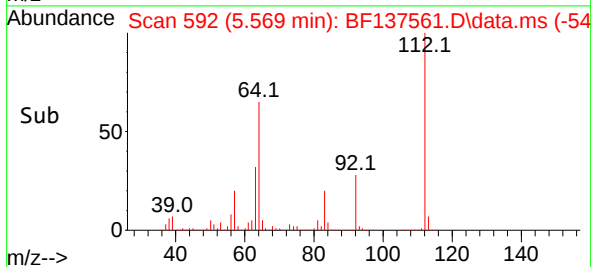
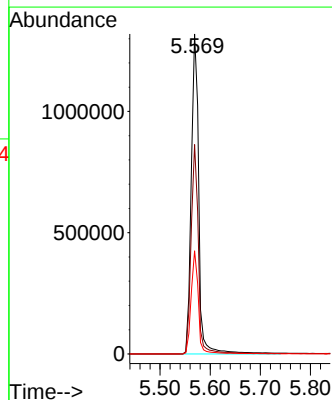
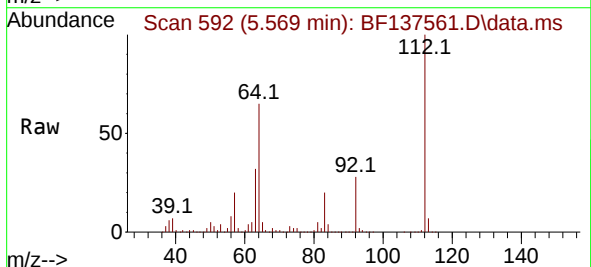
Instrument :
BNA_F
ClientSampleId :
RT3471

Tgt Ion:152 Resp: 226422
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 63.2 48.8 73.2



#5
2-Fluorophenol
Concen: 92.149 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF137561.D
Acq: 11 Mar 2024 17:47

Tgt Ion:112 Resp: 1377616
Ion Ratio Lower Upper
112 100
64 65.5 53.4 80.2
63 32.3 26.2 39.2



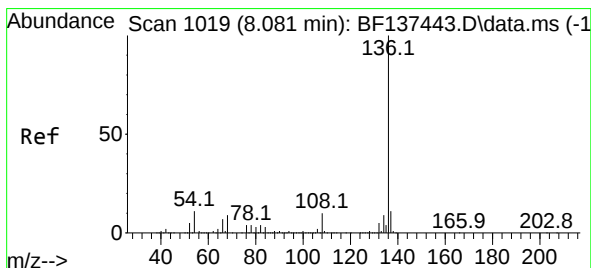
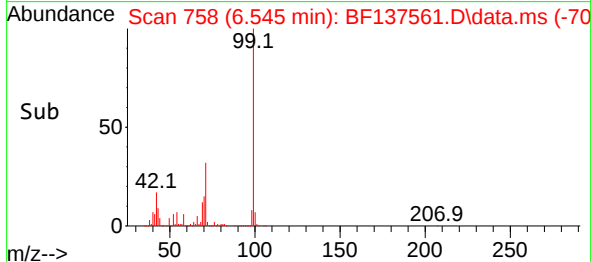
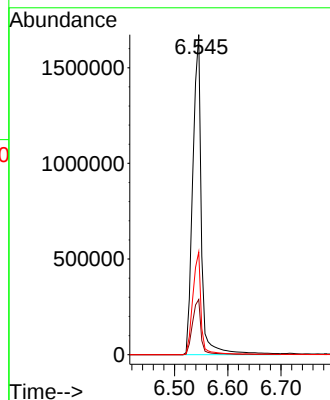
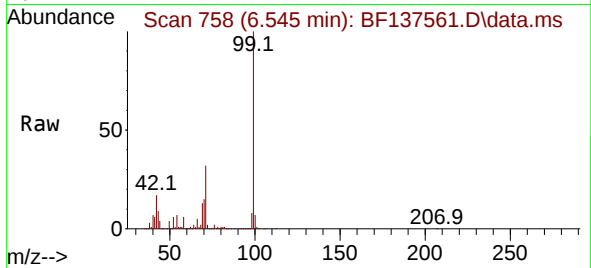


#7
Phenol-d6
Concen: 87.773 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137561.D
Acq: 11 Mar 2024 17:47

Instrument :
BNA_F
ClientSampleId :
RT3471

Tgt Ion: 99 Resp: 1894114

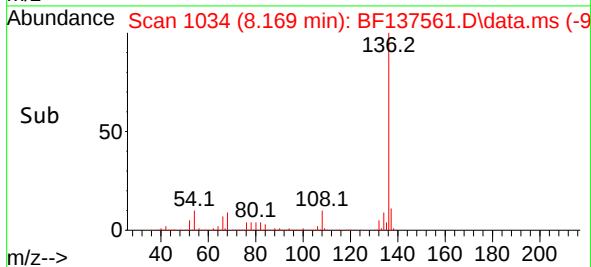
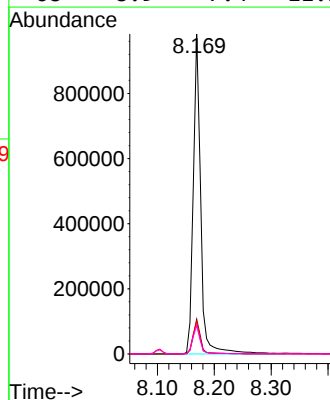
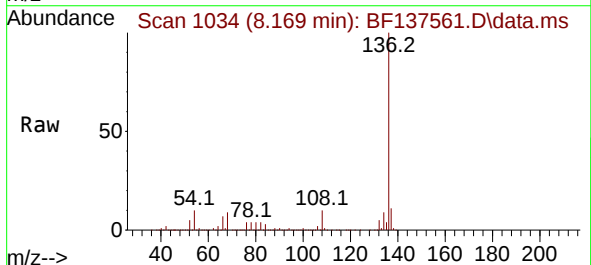
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.6	21.8
71	32.1	25.3	37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF137561.D
Acq: 11 Mar 2024 17:47

Tgt Ion: 136 Resp: 897829

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.0	8.5	12.7
68	8.9	7.4	11.2





#23

Nitrobenzene-d5

Concen: 58.680 ng

RT: 7.457 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

Instrument :

BNA_F

ClientSampleId :

RT3471

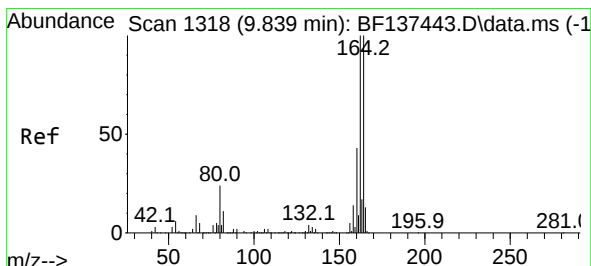
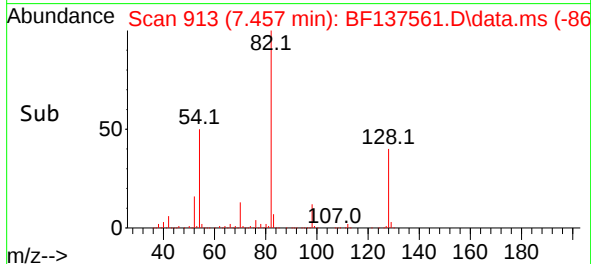
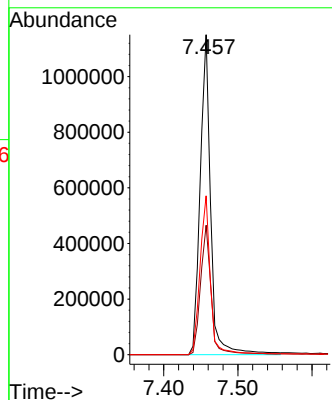
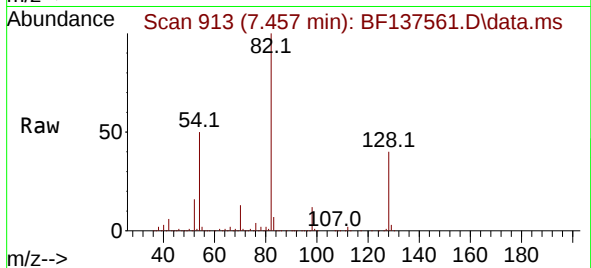
Tgt Ion: 82 Resp: 1133885

Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

54 49.7 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: BF137561.D

Acq: 11 Mar 2024 17:47

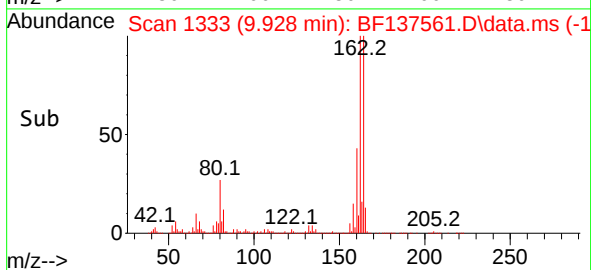
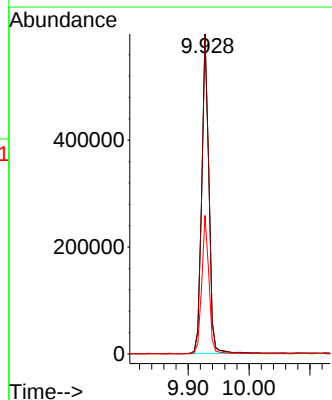
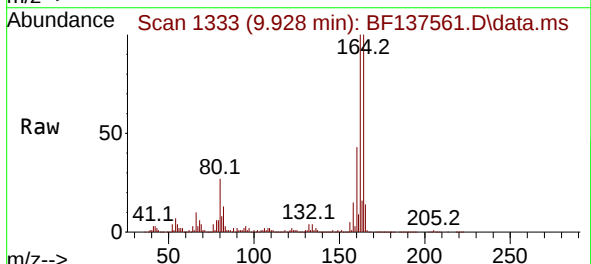
Tgt Ion:164 Resp: 489117

Ion Ratio Lower Upper

164 100

162 99.6 79.8 119.8

160 43.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 83.399 ng

RT: 10.727 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

Instrument :

BNA_F

ClientSampleId :

RT3471

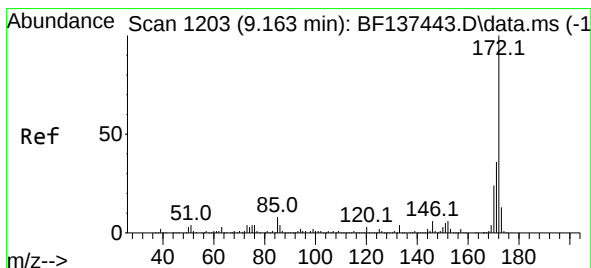
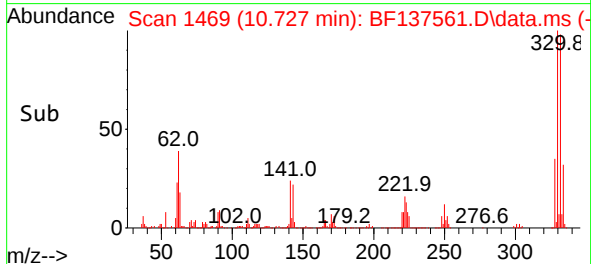
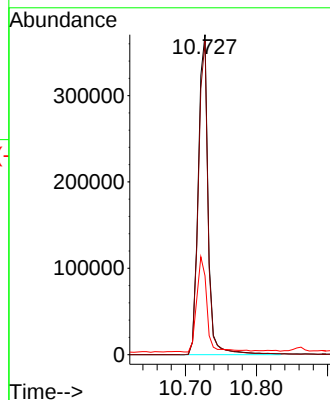
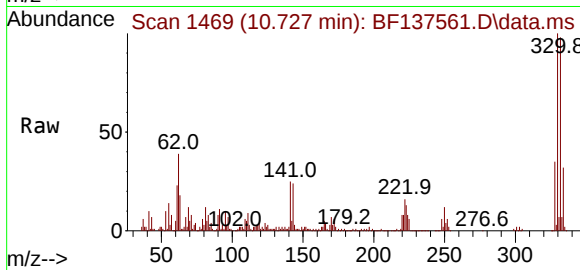
Tgt Ion:330 Resp: 358222

Ion Ratio Lower Upper

330 100

332 97.1 78.0 117.0

141 30.9 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 59.081 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

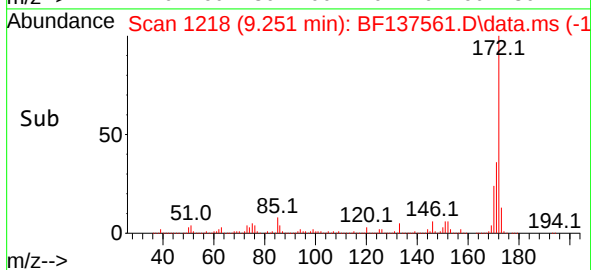
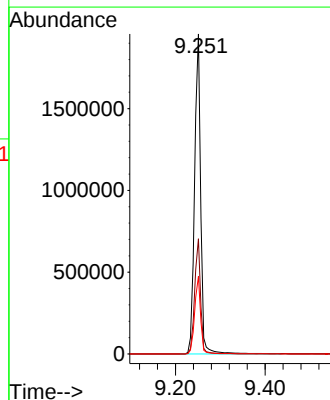
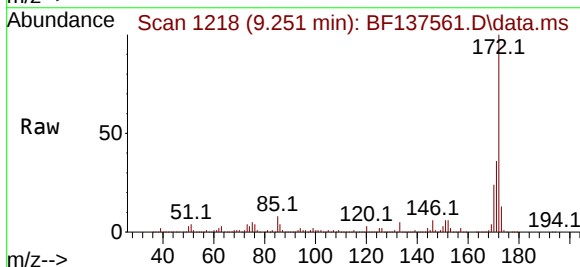
Tgt Ion:172 Resp: 1846050

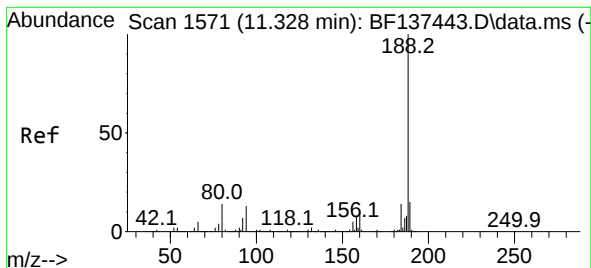
Ion Ratio Lower Upper

172 100

171 36.0 28.5 42.7

170 24.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

Instrument :

BNA_F

ClientSampleId :

RT3471

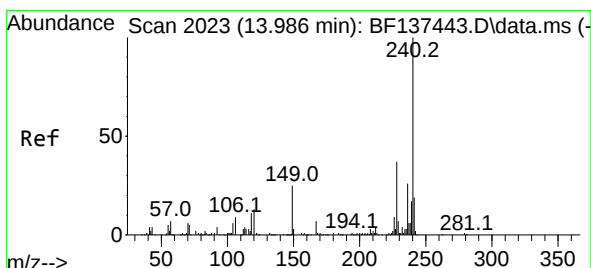
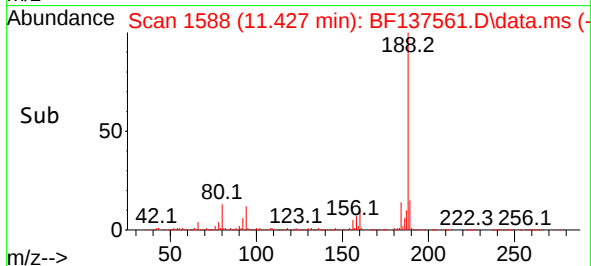
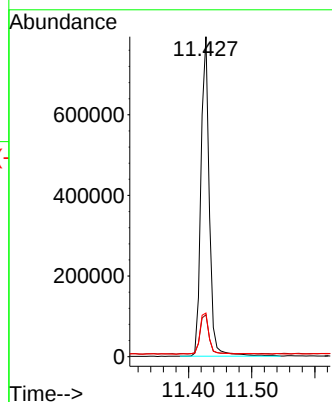
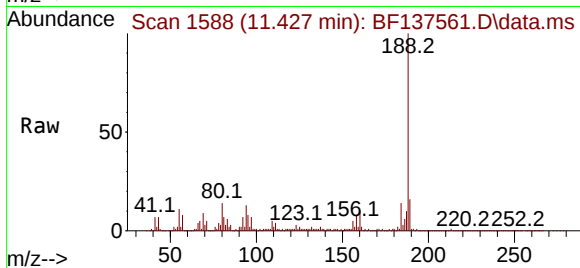
Tgt Ion:188 Resp: 725921

Ion Ratio Lower Upper

188 100

94 13.1 10.6 15.8

80 13.6 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BF137561.D

Acq: 11 Mar 2024 17:47

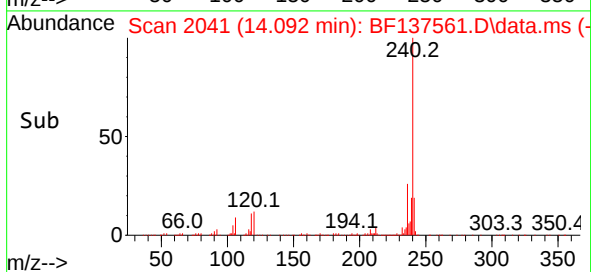
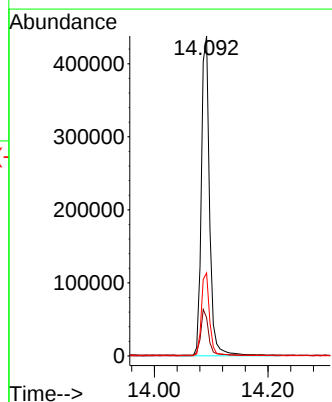
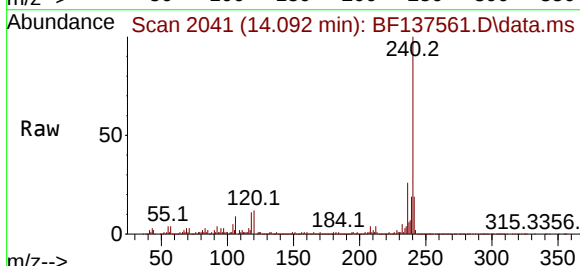
Tgt Ion:240 Resp: 442696

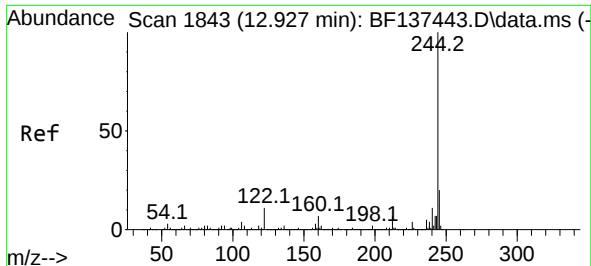
Ion Ratio Lower Upper

240 100

120 11.9 10.4 15.6

236 25.9 20.9 31.3

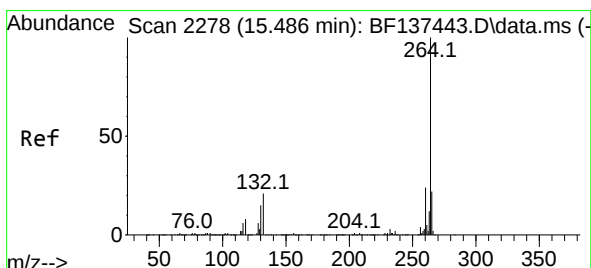
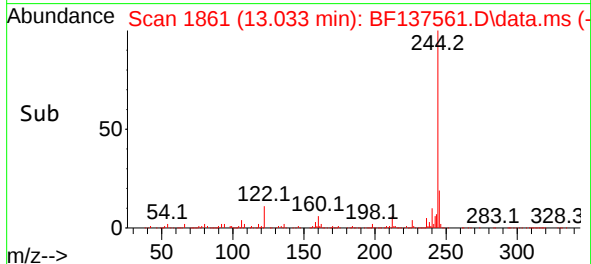
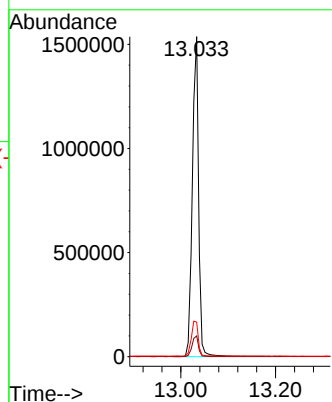
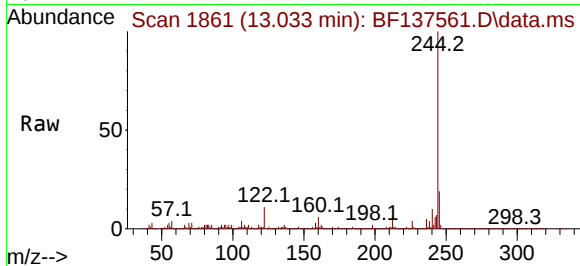




#79
 Terphenyl-d14
 Concen: 43.540 ng
 RT: 13.033 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137561.D
 Acq: 11 Mar 2024 17:47

Instrument :
 BNA_F
 ClientSampleId :
 RT3471

Tgt Ion:244 Resp: 1401714
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 2305
 Delta R.T. -0.006 min
 Lab File: BF137561.D
 Acq: 11 Mar 2024 17:47

Tgt Ion:264 Resp: 467640
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 20.4 17.4 26.0

