

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137723.D
Acq On : 24 Apr 2024 17:45
Operator : CG\JU
Sample : P2241-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
344

Quant Time: Apr 24 18:33:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	256022	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	993258	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	532840	20.000	ng	-0.01
64) Phenanthrene-d10	11.604	188	875122	20.000	ng	0.00
76) Chrysene-d12	14.251	240	464574	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	520635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	832829	49.414	ng	0.00
7) Phenol-d6	6.663	99	1188905	55.548	ng	-0.01
23) Nitrobenzene-d5	7.616	82	772181	41.268	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	217257	40.407	ng	-0.01
45) 2-Fluorobiphenyl	9.416	172	1590048	44.589	ng	-0.01
79) Terphenyl-d14	13.186	244	1600822	55.462	ng	-0.01

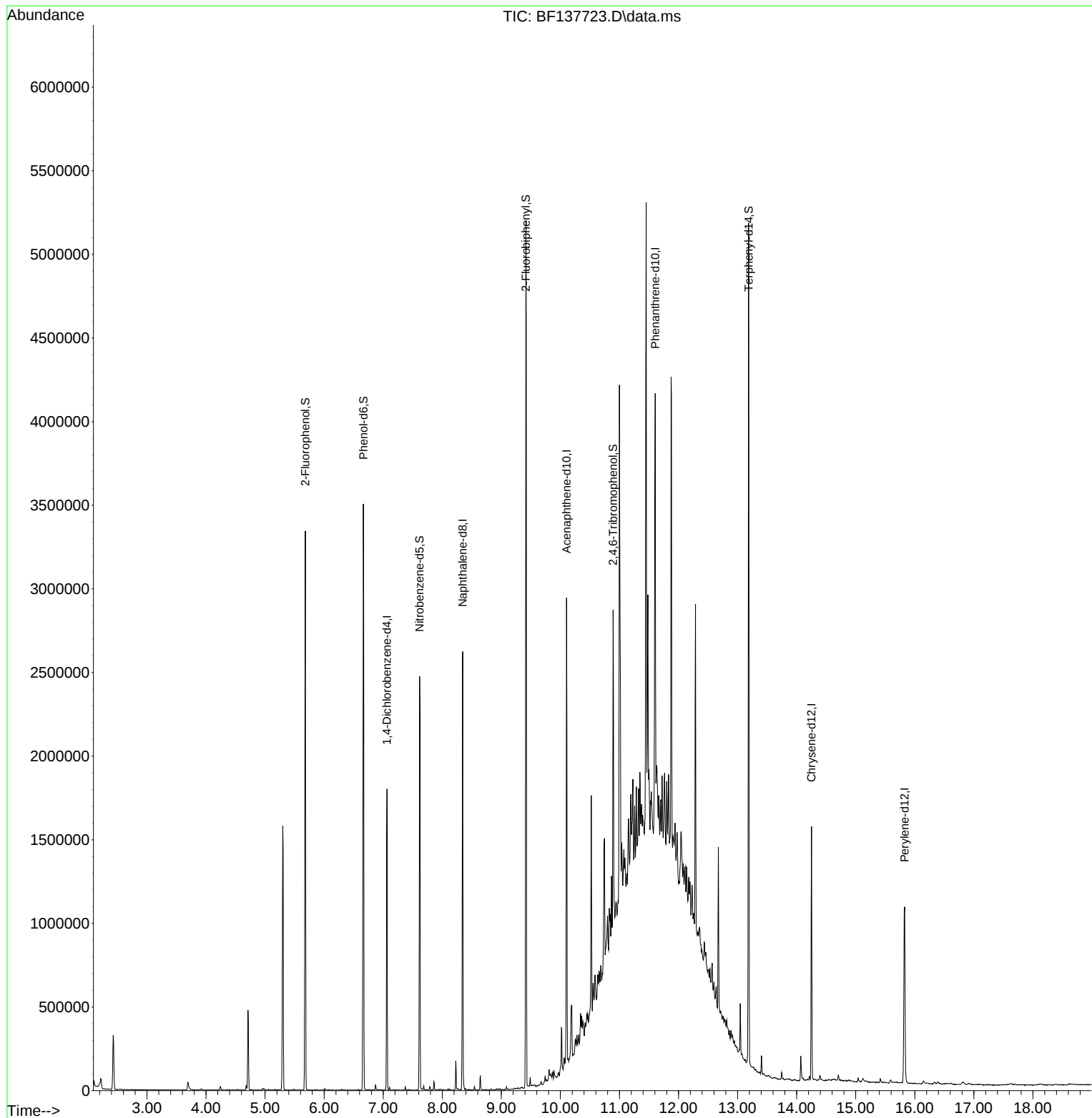
Target Compounds	Qvalue

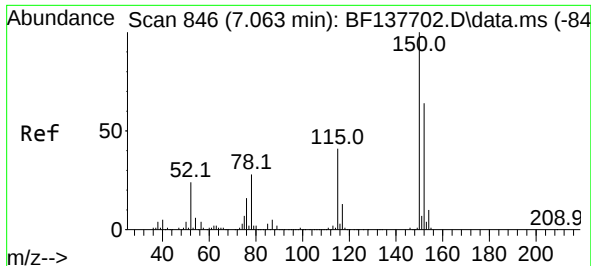
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137723.D
Acq On : 24 Apr 2024 17:45
Operator : CG\JU
Sample : P2241-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
344

Quant Time: Apr 24 18:33:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

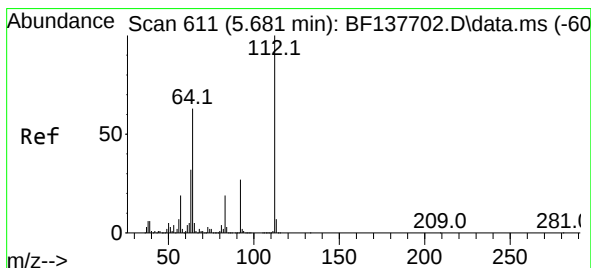
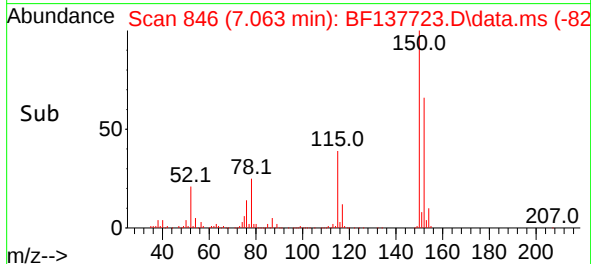
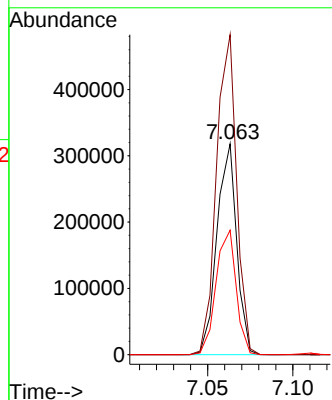
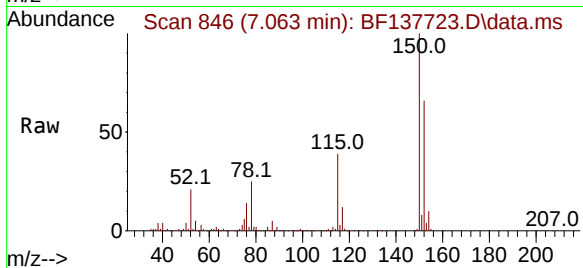




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

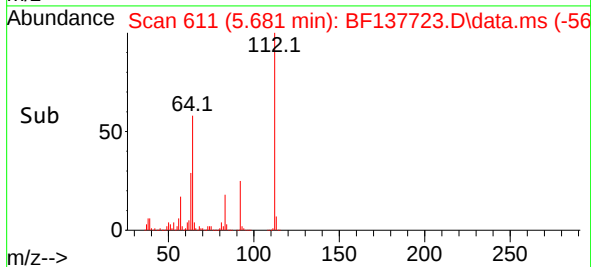
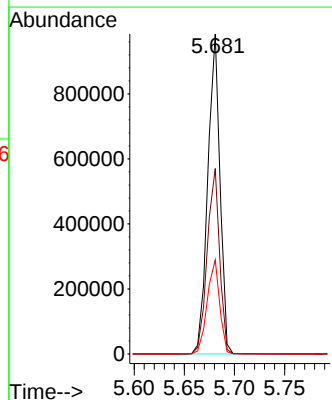
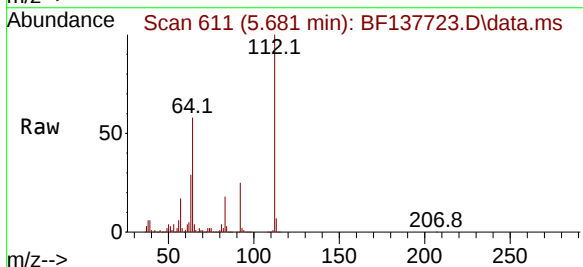
Instrument :
BNA_F
ClientSampleId :
344

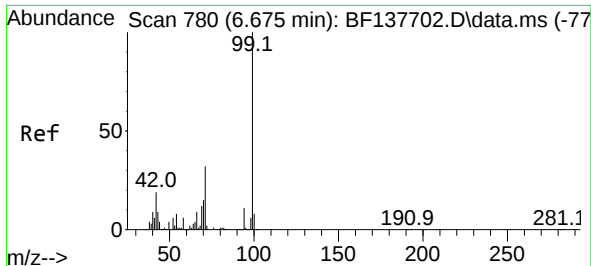
Tgt Ion:152 Resp: 256022
Ion Ratio Lower Upper
152 100
150 151.7 124.2 186.4
115 59.0 50.8 76.2



#5
2-Fluorophenol
Concen: 49.414 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

Tgt Ion:112 Resp: 832829
Ion Ratio Lower Upper
112 100
64 58.0 50.1 75.1
63 29.4 25.2 37.8



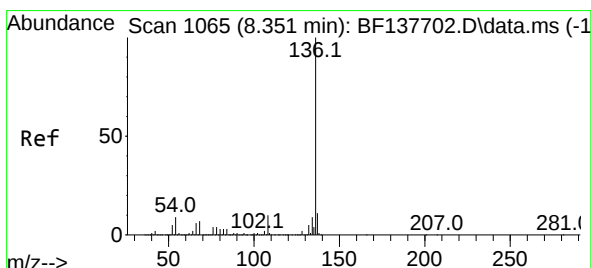
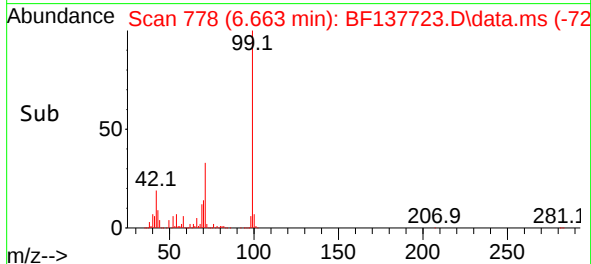
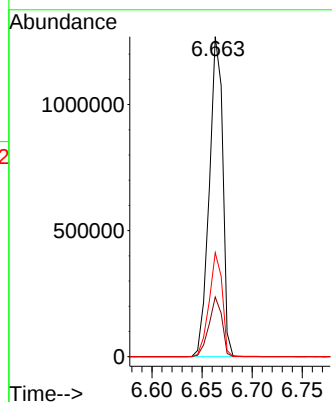
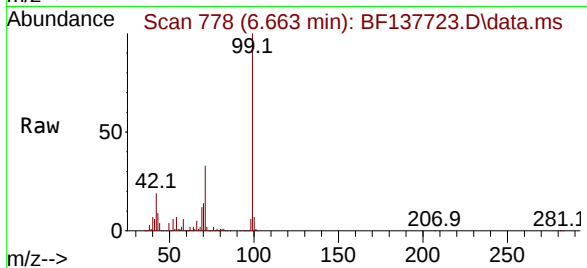


#7
Phenol-d6
Concen: 55.548 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

Instrument :
BNA_F
ClientSampleId :
344

Tgt Ion: 99 Resp: 1188905

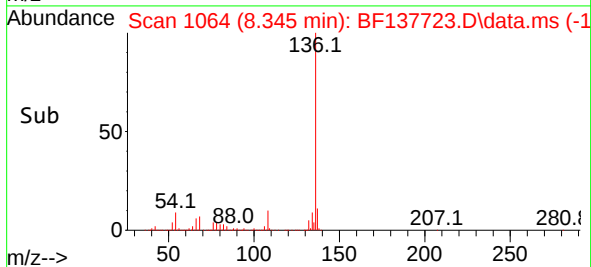
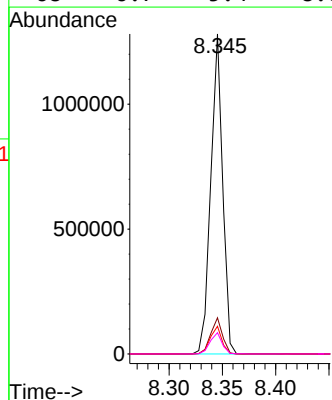
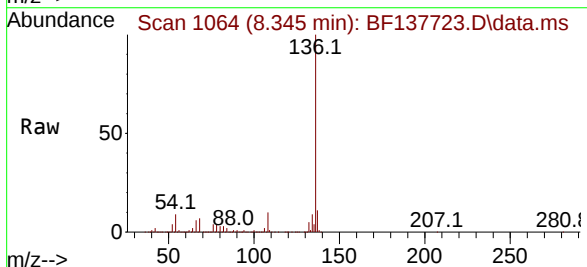
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	32.5	25.7	38.5

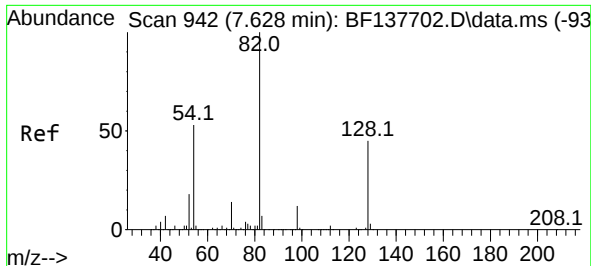


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

Tgt Ion: 136 Resp: 993258

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.7	6.9	10.3
68	6.7	5.4	8.0





#23

Nitrobenzene-d5

Concen: 41.268 ng

RT: 7.616 min Scan# 942

Delta R.T. -0.012 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

Instrument :

BNA_F

ClientSampleId :

344

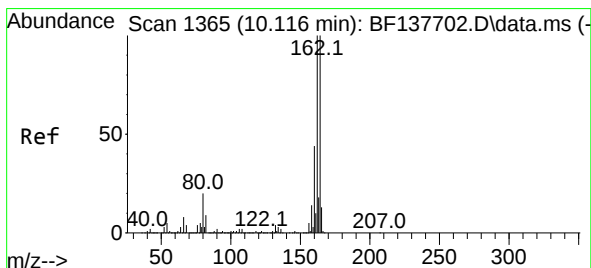
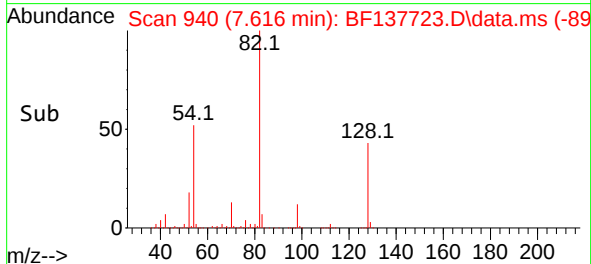
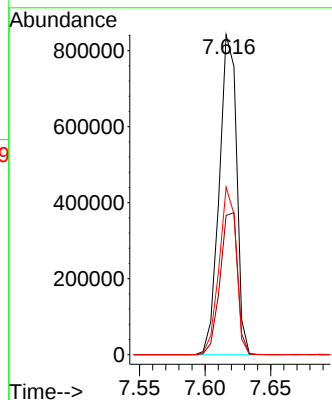
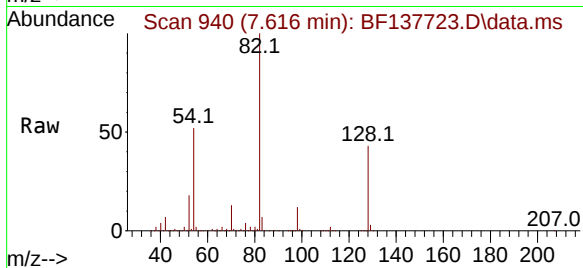
Tgt Ion: 82 Resp: 772181

Ion Ratio Lower Upper

82 100

128 43.5 35.8 53.6

54 52.3 42.5 63.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

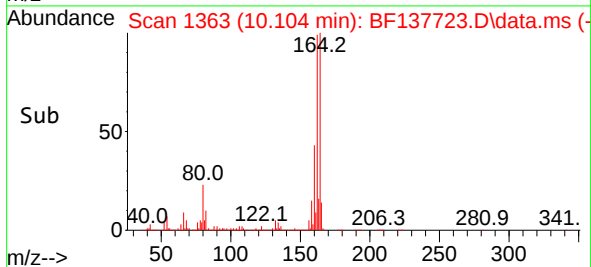
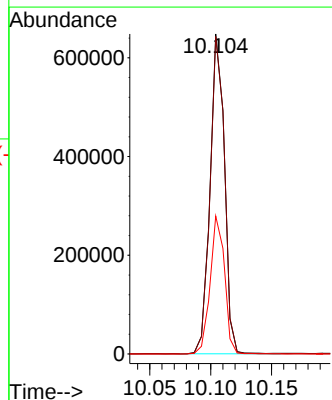
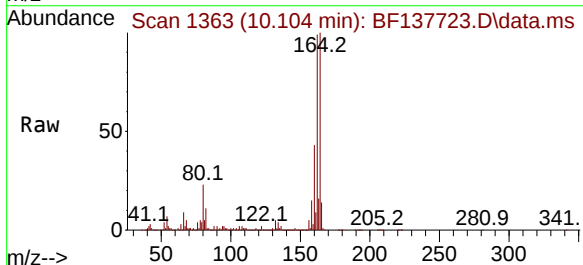
Tgt Ion:164 Resp: 532840

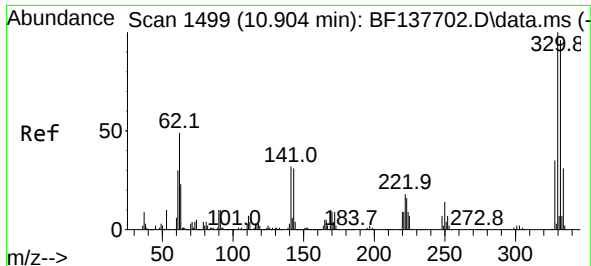
Ion Ratio Lower Upper

164 100

162 99.2 80.3 120.5

160 43.1 35.0 52.4

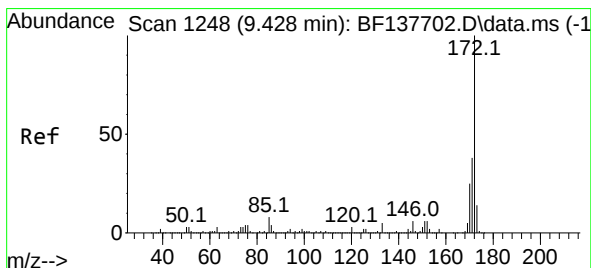
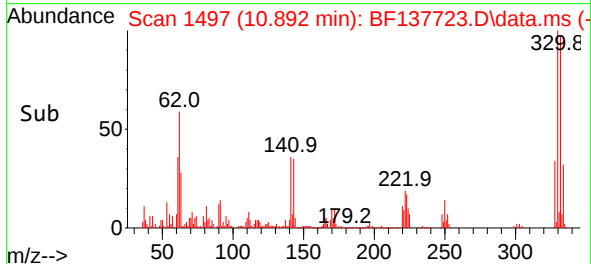
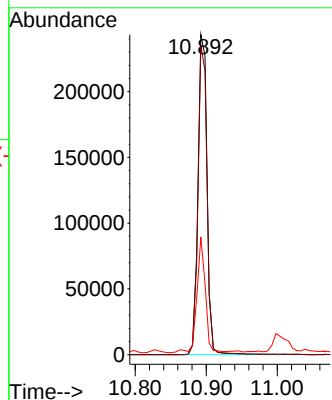
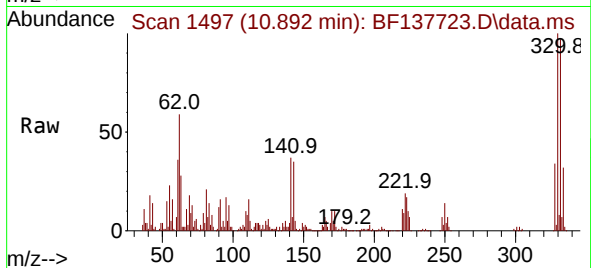




#42
2,4,6-Tribromophenol
Concen: 40.407 ng
RT: 10.892 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

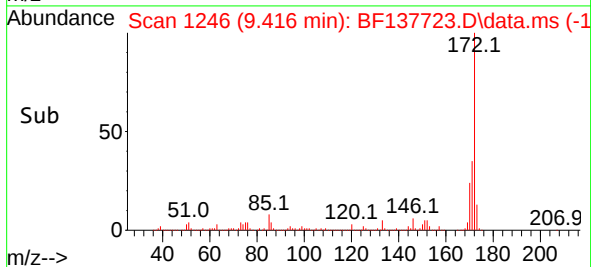
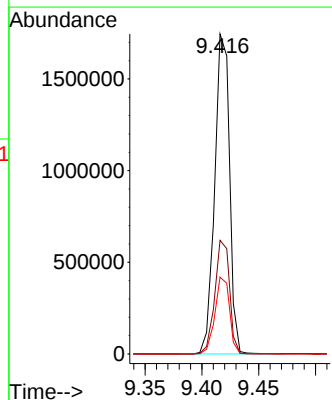
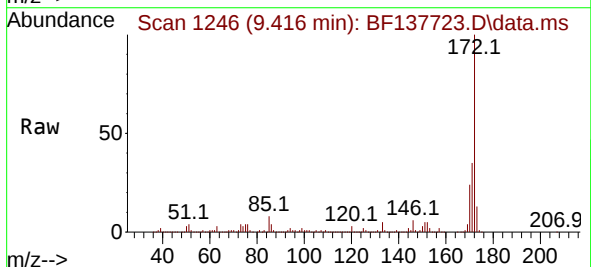
Instrument :
BNA_F
ClientSampleId :
344

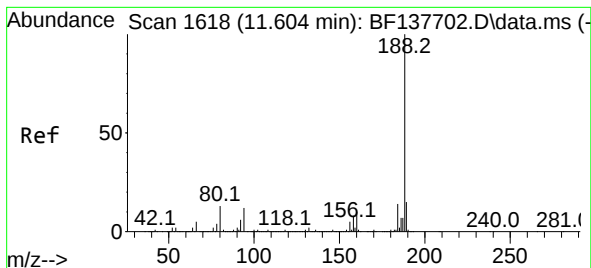
Tgt Ion: 330 Resp: 217257
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 33.3 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 44.589 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.012 min
Lab File: BF137723.D
Acq: 24 Apr 2024 17:45

Tgt Ion: 172 Resp: 1590048
Ion Ratio Lower Upper
172 100
171 35.5 30.2 45.4
170 24.0 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

Instrument :

BNA_F

ClientSampleId :

344

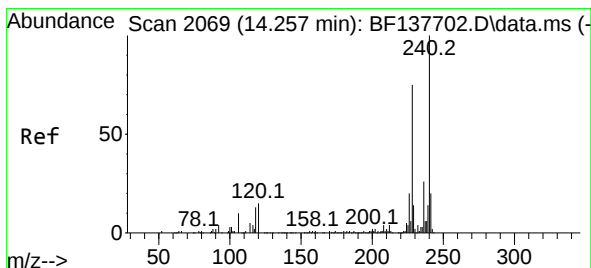
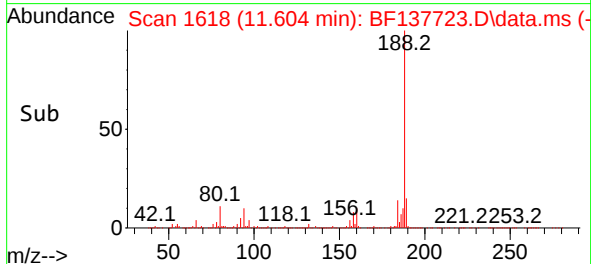
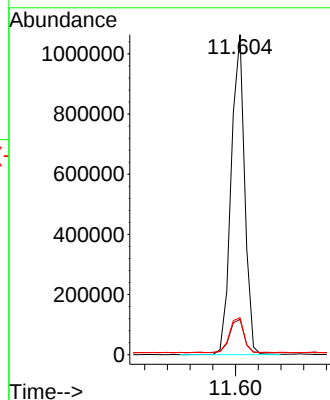
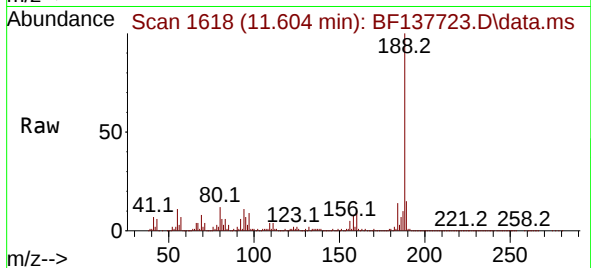
Tgt Ion:188 Resp: 875122

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

80 11.5 10.2 15.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137723.D

Acq: 24 Apr 2024 17:45

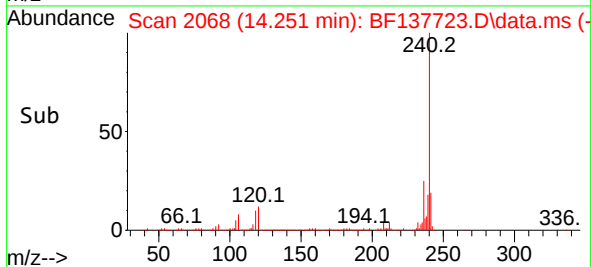
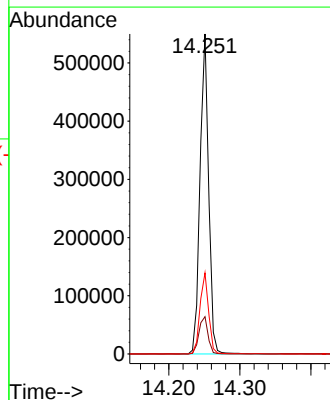
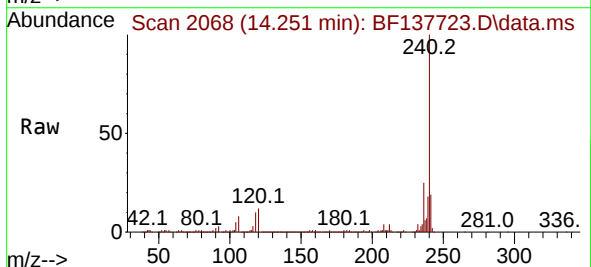
Tgt Ion:240 Resp: 464574

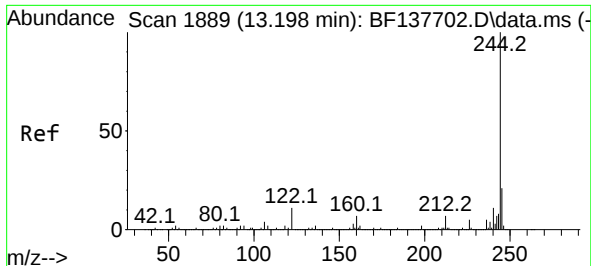
Ion Ratio Lower Upper

240 100

120 11.7 11.9 17.9#

236 25.4 20.8 31.2

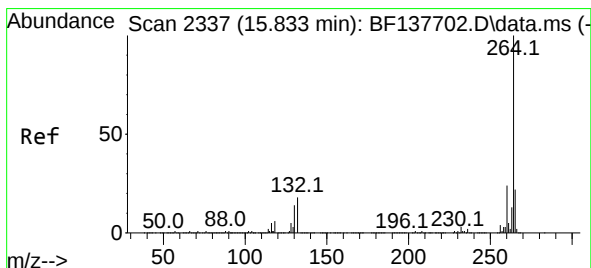
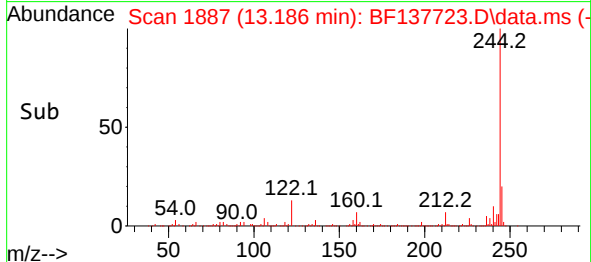
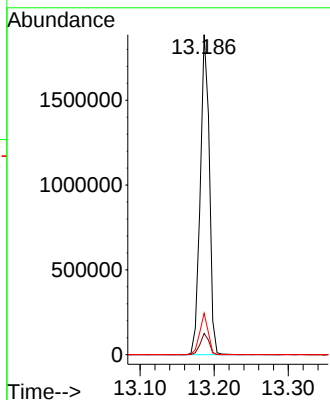
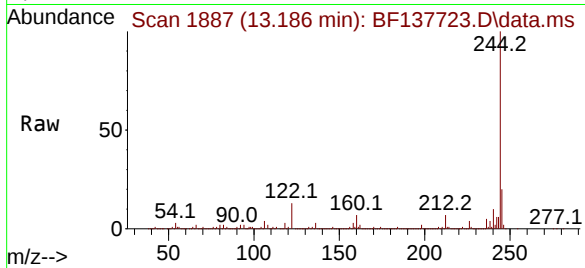




#79
 Terphenyl-d14
 Concen: 55.462 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.012 min
 Lab File: BF137723.D
 Acq: 24 Apr 2024 17:45

Instrument :
 BNA_F
 ClientSampleId :
 344

Tgt Ion:244 Resp: 1600822
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 13.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.827 min Scan# 2336
 Delta R.T. -0.006 min
 Lab File: BF137723.D
 Acq: 24 Apr 2024 17:45

Tgt Ion:264 Resp: 520635
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.3 17.5 26.3

