

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137718.D
 Acq On : 24 Apr 2024 14:50
 Operator : CG\JU
 Sample : PB160476BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160476BL

Quant Time: Apr 24 15:29:50 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	295991	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1157084	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	640160	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1101802	20.000	ng	0.00
76) Chrysene-d12	14.251	240	796589	20.000	ng	0.00
86) Perylene-d12	15.827	264	600891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	2344510	120.321	ng	0.02
7) Phenol-d6	6.675	99	2909759	117.593	ng	0.00
23) Nitrobenzene-d5	7.622	82	1801101	82.629	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	791735	122.565	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3426849	79.987	ng	0.00
79) Terphenyl-d14	13.198	244	4040641	81.644	ng	0.00

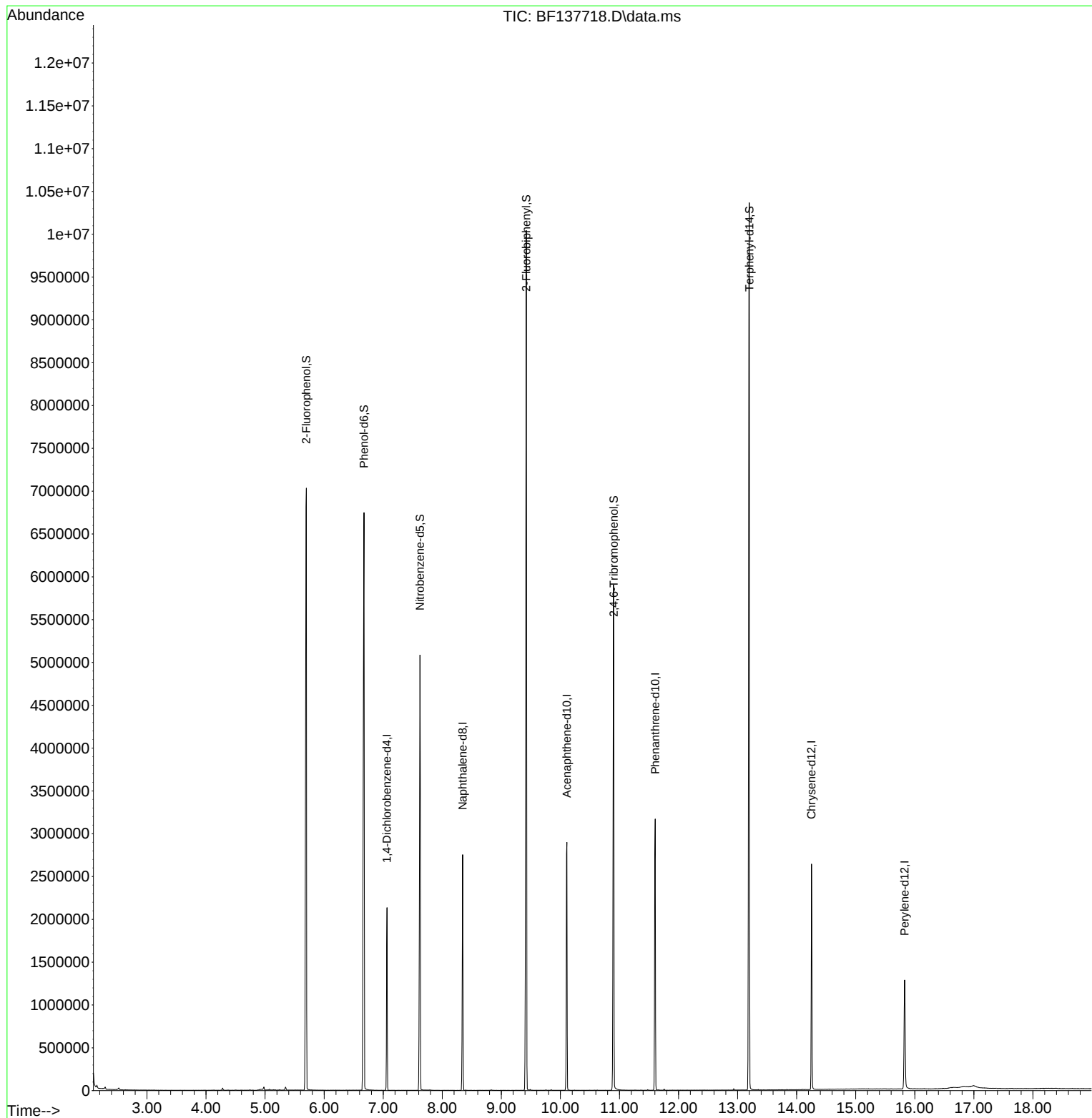
Target Compounds	Qvalue

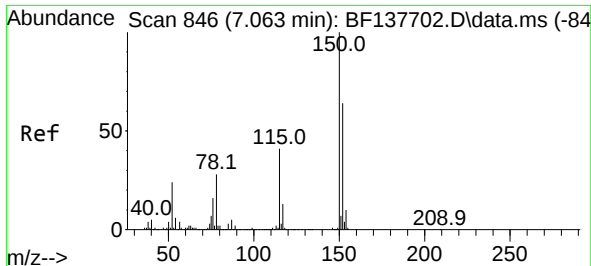
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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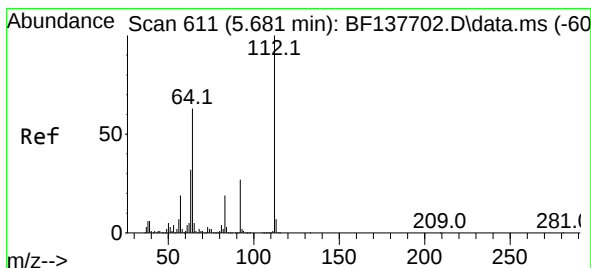
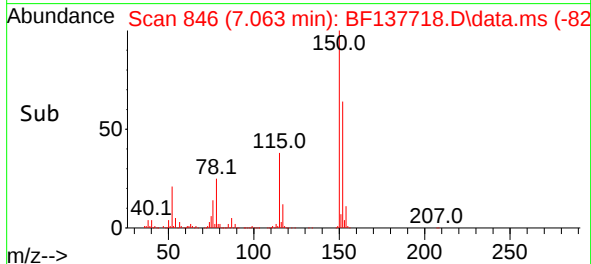
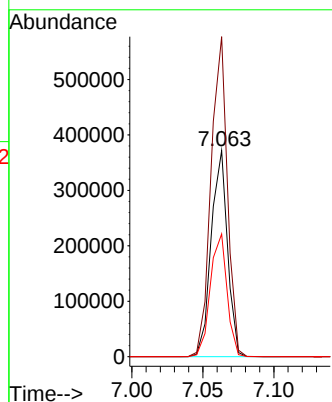
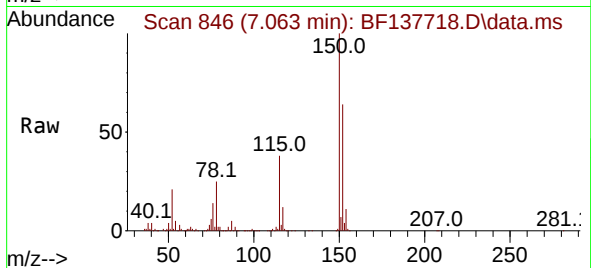




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

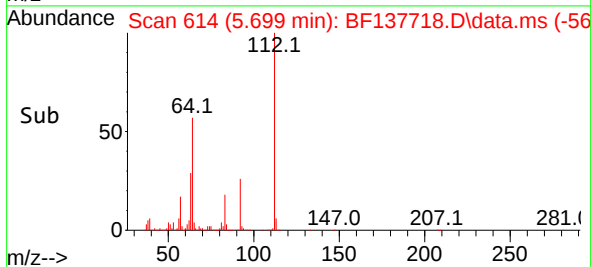
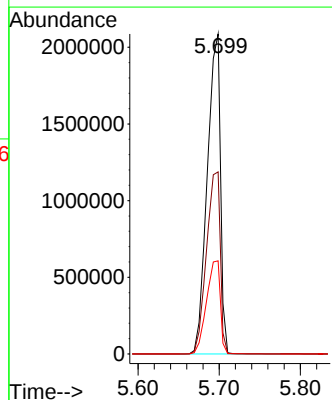
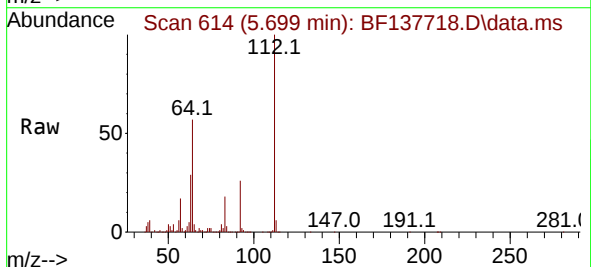
Instrument :
BNA_F
ClientSampleId :
PB160476BL

Tgt Ion:152 Resp: 295991
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.4
115 59.6 50.8 76.2



#5
2-Fluorophenol
Concen: 120.321 ng
RT: 5.699 min Scan# 614
Delta R.T. 0.018 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Tgt Ion:112 Resp: 2344510
Ion Ratio Lower Upper
112 100
64 56.9 50.1 75.1
63 29.1 25.2 37.8



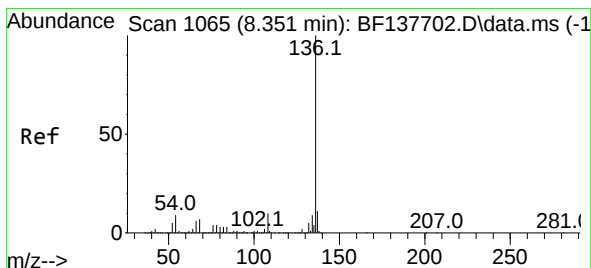
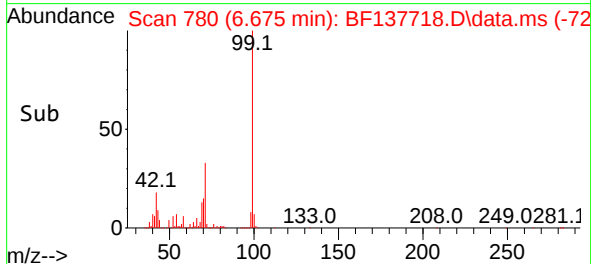
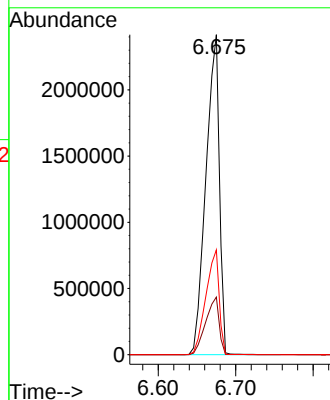
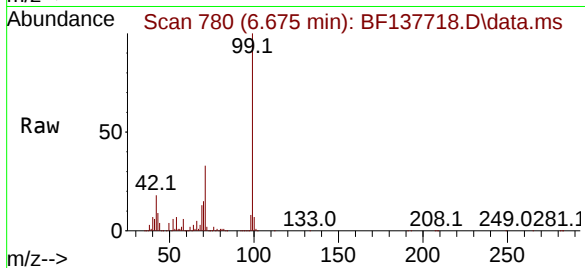


#7
Phenol-d6
Concen: 117.593 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Instrument :
BNA_F
ClientSampleId :
PB160476BL

Tgt Ion: 99 Resp: 2909759

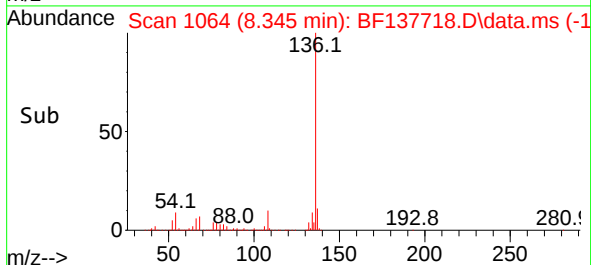
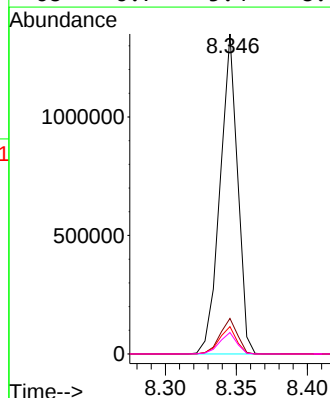
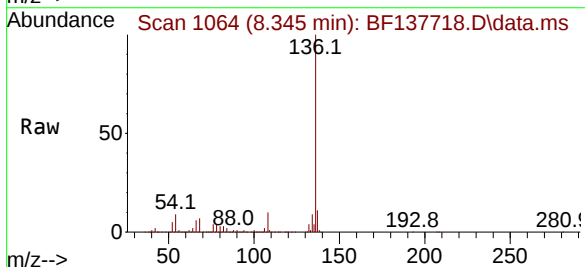
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	32.7	25.7	38.5

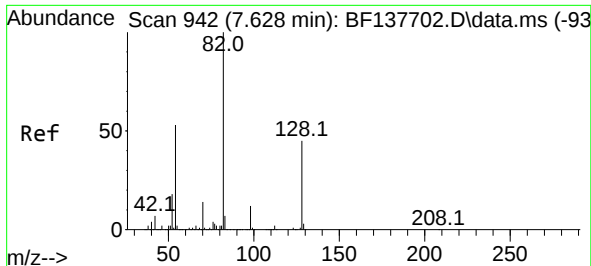


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Tgt Ion: 136 Resp: 1157084

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	6.9	10.3
68	6.7	5.4	8.0

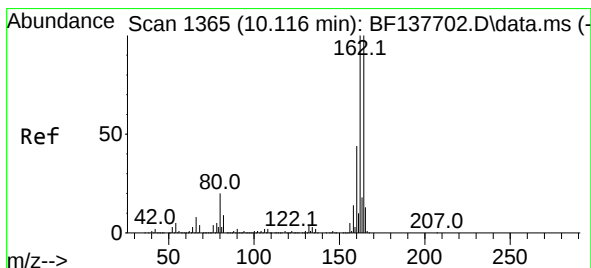
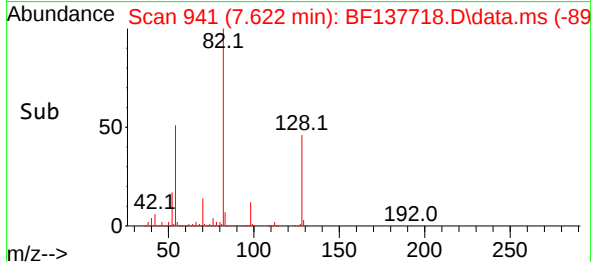
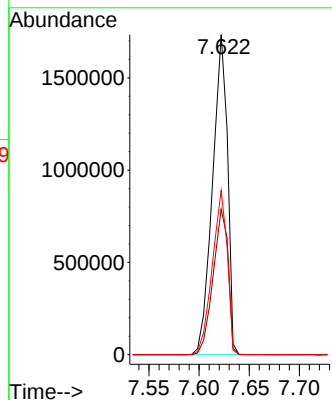
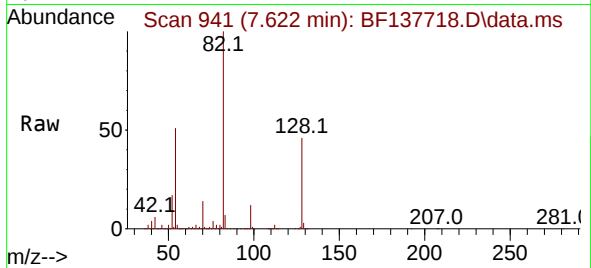




#23
Nitrobenzene-d5
Concen: 82.629 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

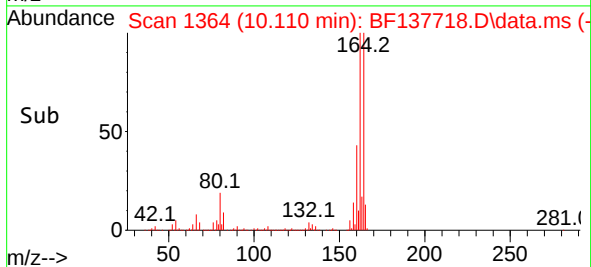
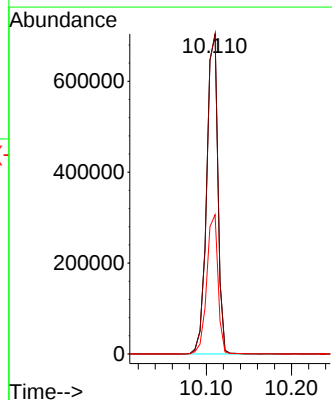
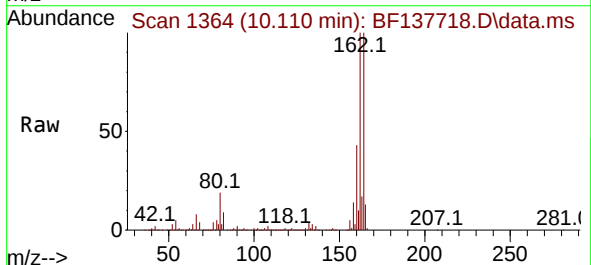
Instrument :
BNA_F
ClientSampleId :
PB160476BL

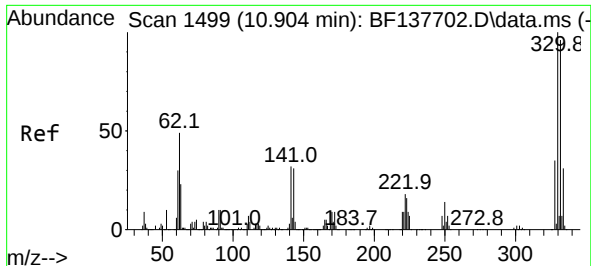
Tgt Ion: 82 Resp: 1801101
Ion Ratio Lower Upper
82 100
128 45.5 35.8 53.6
54 51.3 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

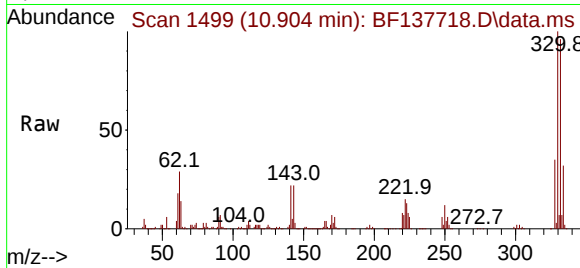
Tgt Ion:164 Resp: 640160
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 43.6 35.0 52.4



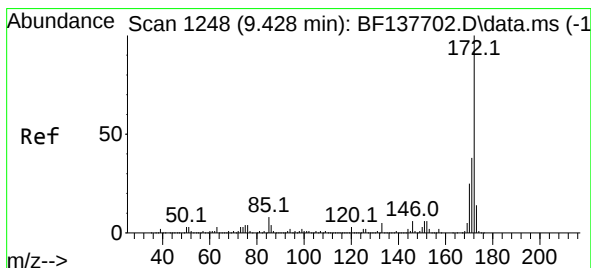
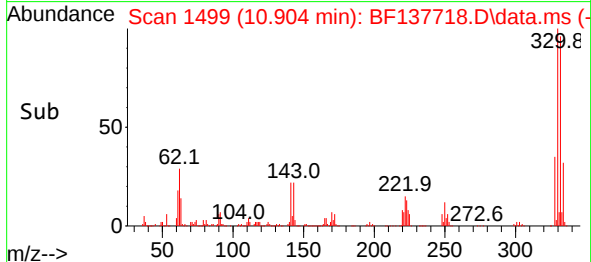
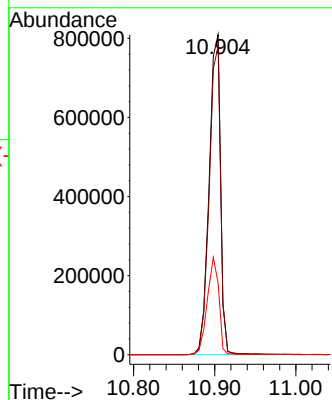


#42
2,4,6-Tribromophenol
Concen: 122.565 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Instrument :
BNA_F
ClientSampleId :
PB160476BL

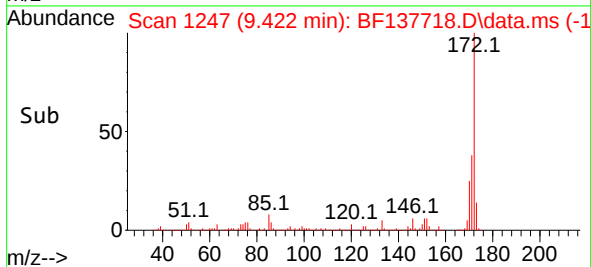
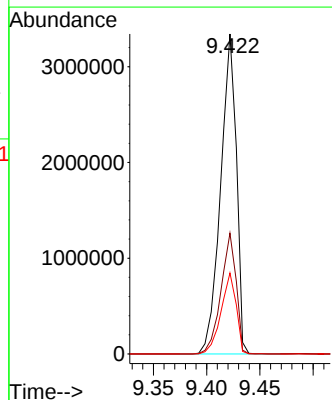
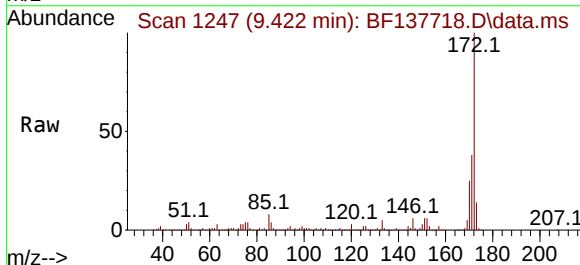


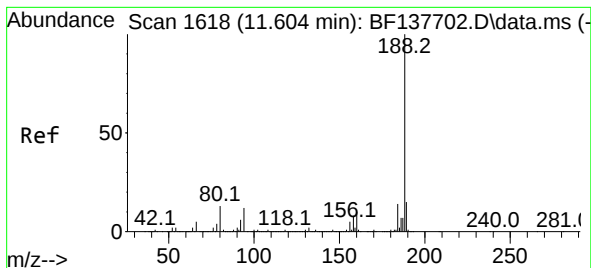
Tgt Ion:330 Resp: 791735
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 30.9 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 79.987 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137718.D
Acq: 24 Apr 2024 14:50

Tgt Ion:172 Resp: 3426849
Ion Ratio Lower Upper
172 100
171 37.7 30.2 45.4
170 25.3 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: BF137718.D

Acq: 24 Apr 2024 14:50

Instrument :

BNA_F

ClientSampleId :

PB160476BL

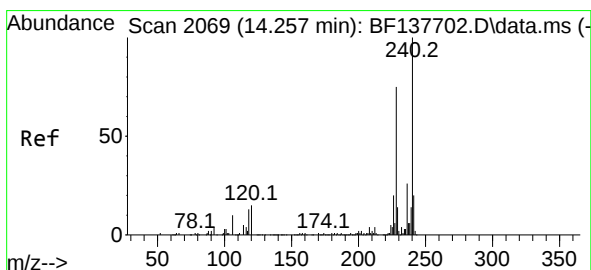
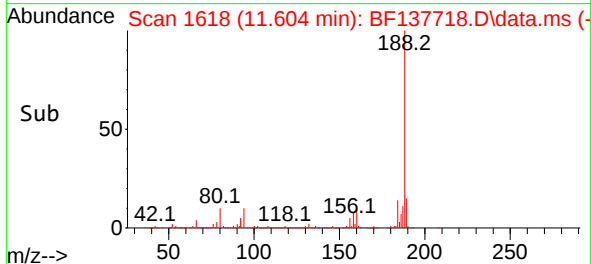
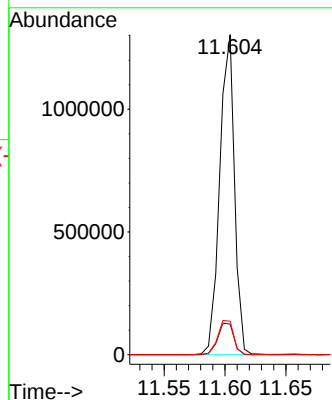
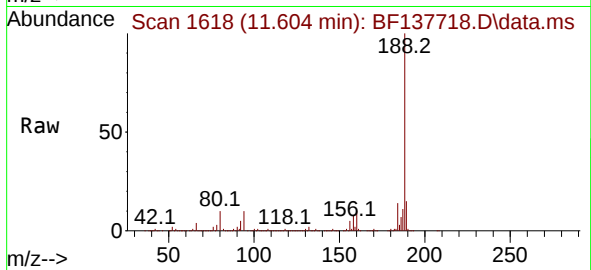
Tgt Ion:188 Resp: 1101802

Ion Ratio Lower Upper

188 100

94 9.6 9.4 14.2

80 10.4 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: BF137718.D

Acq: 24 Apr 2024 14:50

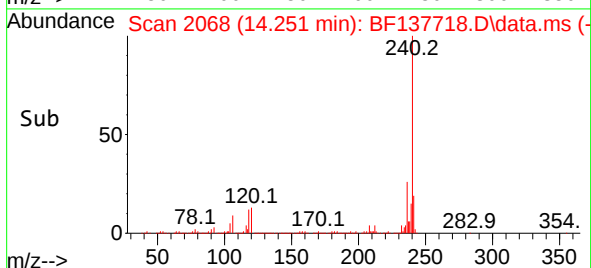
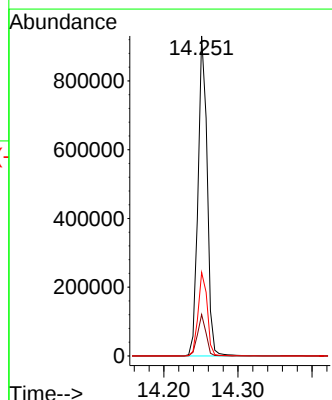
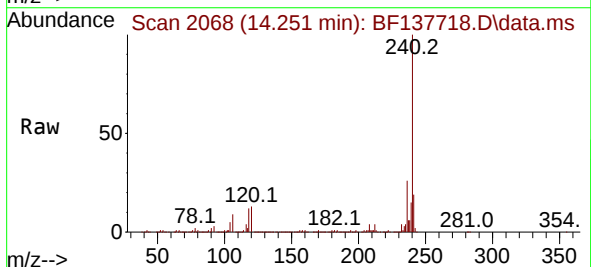
Tgt Ion:240 Resp: 796589

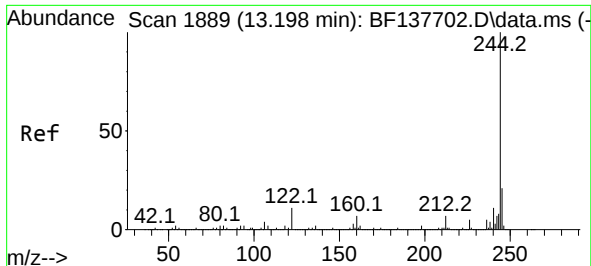
Ion Ratio Lower Upper

240 100

120 13.0 11.9 17.9

236 26.1 20.8 31.2

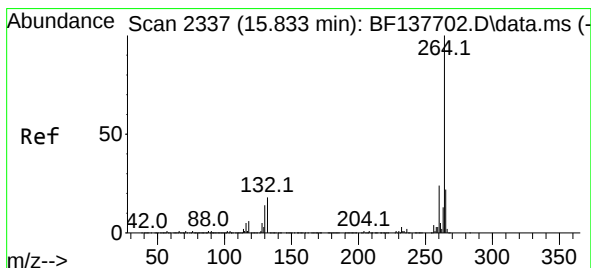
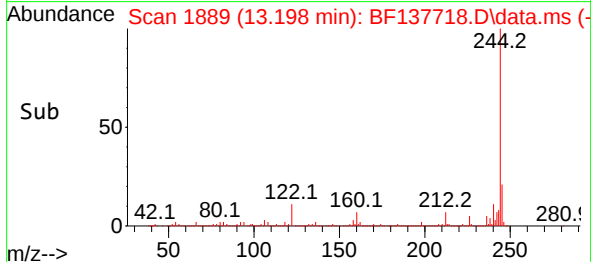
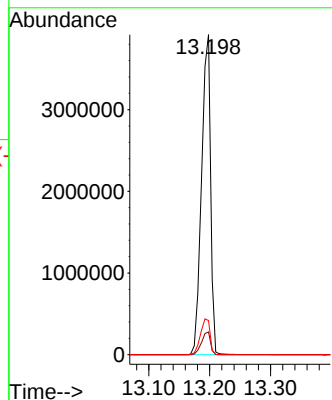
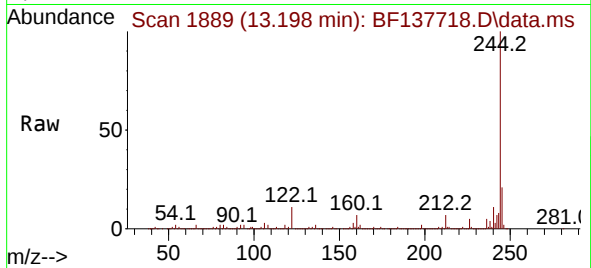




#79
 Terphenyl-d14
 Concen: 81.644 ng
 RT: 13.198 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: BF137718.D
 Acq: 24 Apr 2024 14:50

Instrument :
 BNA_F
 ClientSampleId :
 PB160476BL

Tgt Ion:244 Resp: 4040641
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 10.7 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: BF137718.D
 Acq: 24 Apr 2024 14:50

Tgt Ion:264 Resp: 600891
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.3 17.5 26.3

