

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
 Data File : BF137717.D
 Acq On : 24 Apr 2024 14:17
 Operator : CG\JU
 Sample : PB160462BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160462BL

Quant Time: Apr 24 15:07:45 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	283619	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1129215	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	595813	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1126314	20.000	ng	0.00
76) Chrysene-d12	14.251	240	847938	20.000	ng	0.00
86) Perylene-d12	15.827	264	622451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1554299	83.247	ng	0.01
7) Phenol-d6	6.669	99	1973201	83.222	ng	0.00
23) Nitrobenzene-d5	7.622	82	1740590	81.823	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	494214	82.202	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3361206	84.294	ng	0.00
79) Terphenyl-d14	13.198	244	4141045	78.605	ng	0.00

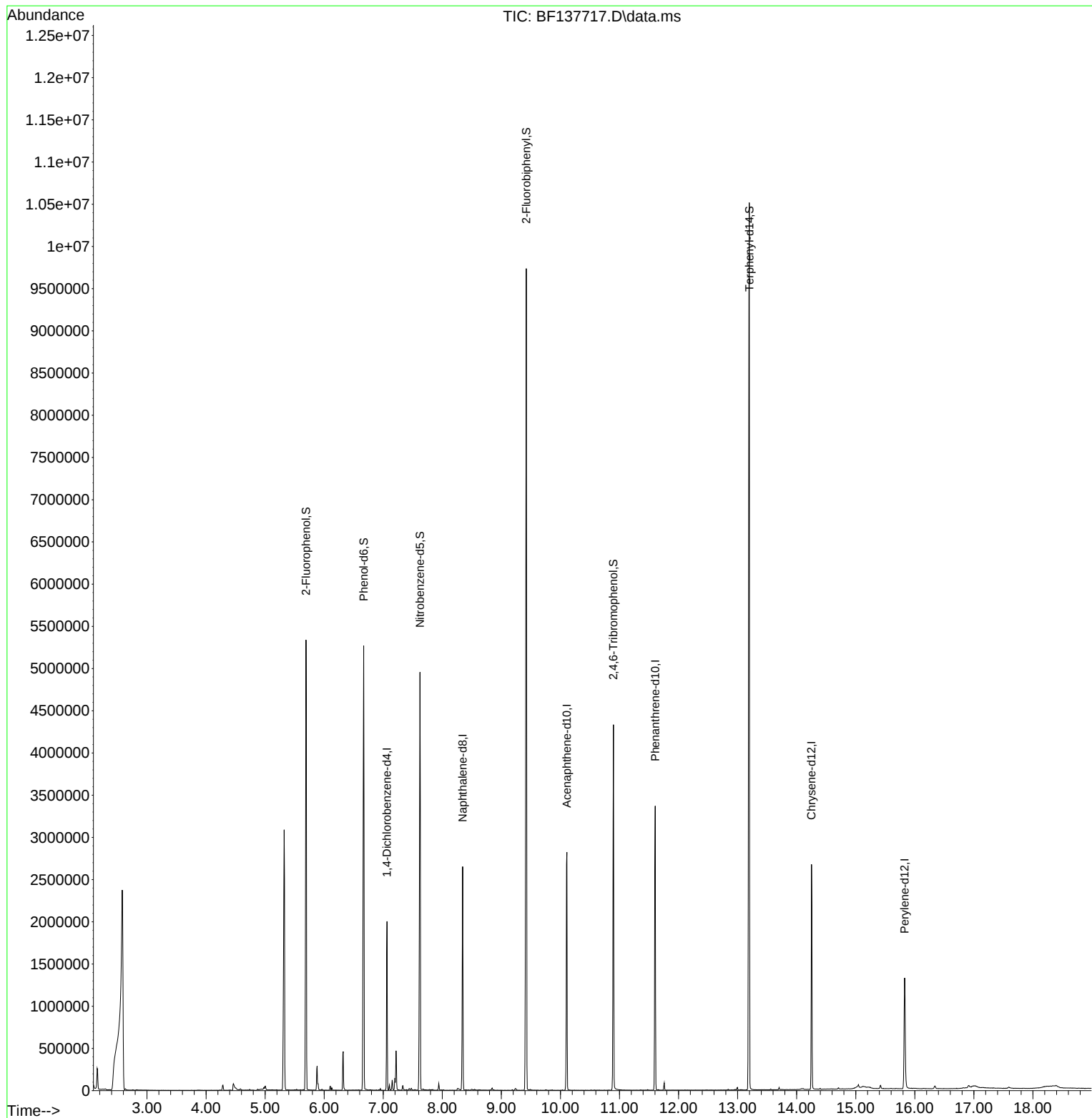
Target Compounds	Qvalue

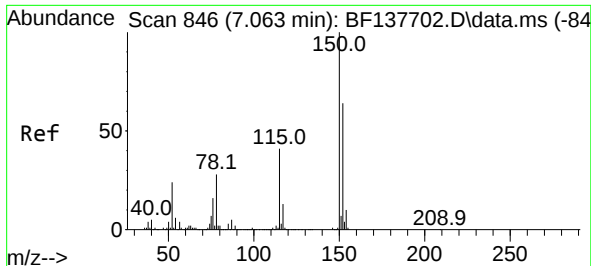
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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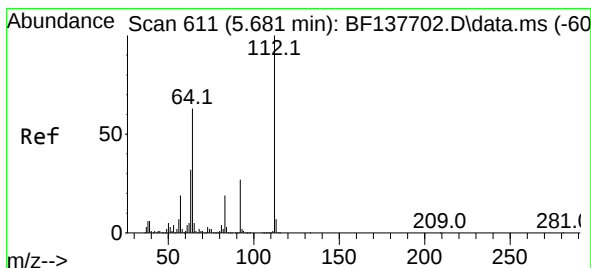
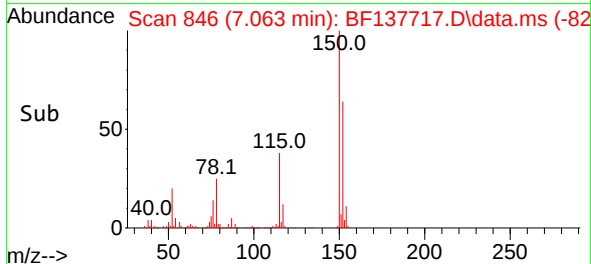
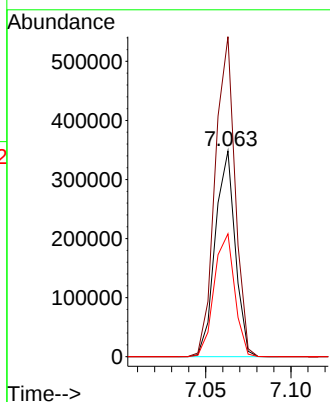
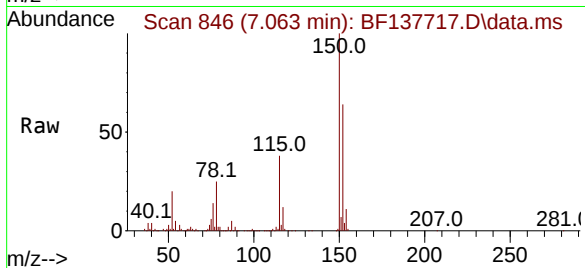




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.063 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: BF137717.D
 Acq: 24 Apr 2024 14:17

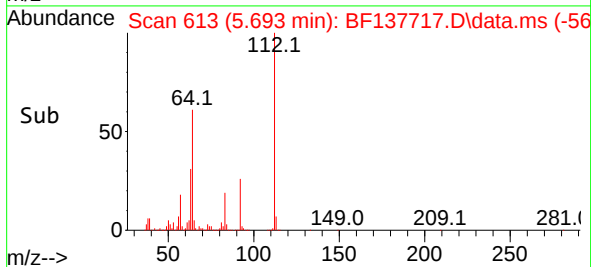
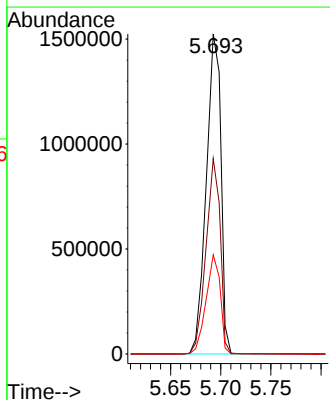
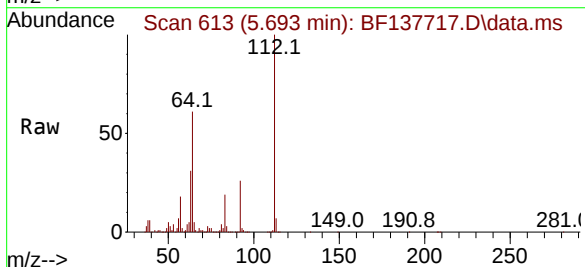
Instrument :
 BNA_F
 ClientSampleId :
 PB160462BL

Tgt Ion:152 Resp: 283619
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.2 186.4
 115 59.8 50.8 76.2



#5
 2-Fluorophenol
 Concen: 83.247 ng
 RT: 5.693 min Scan# 613
 Delta R.T. 0.012 min
 Lab File: BF137717.D
 Acq: 24 Apr 2024 14:17

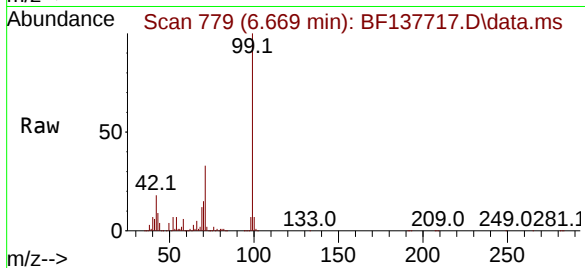
Tgt Ion:112 Resp: 1554299
 Ion Ratio Lower Upper
 112 100
 64 61.0 50.1 75.1
 63 31.0 25.2 37.8





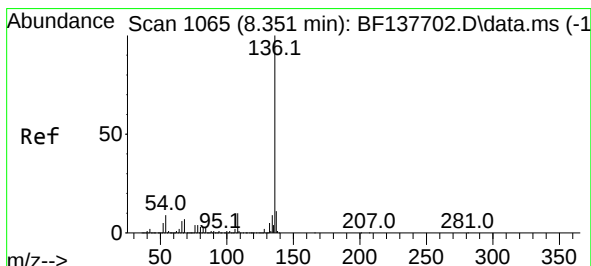
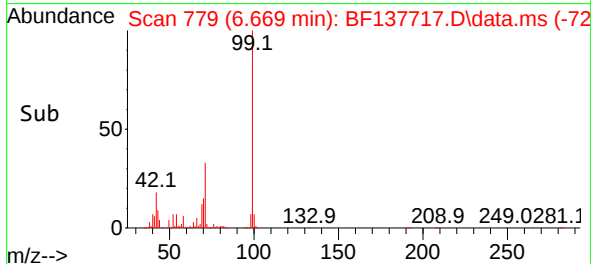
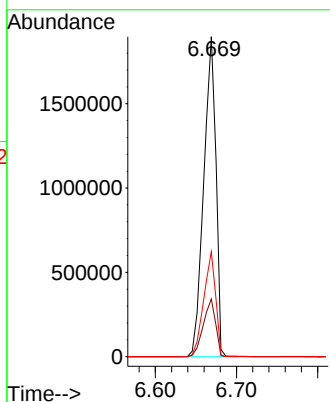
#7
Phenol-d6
Concen: 83.222 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

Instrument :
BNA_F
ClientSampleId :
PB160462BL



Tgt Ion: 99 Resp: 1973201

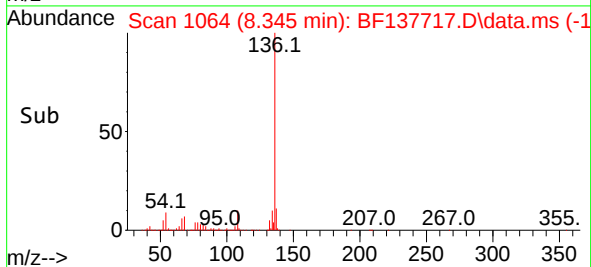
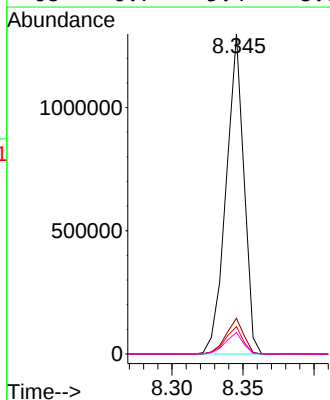
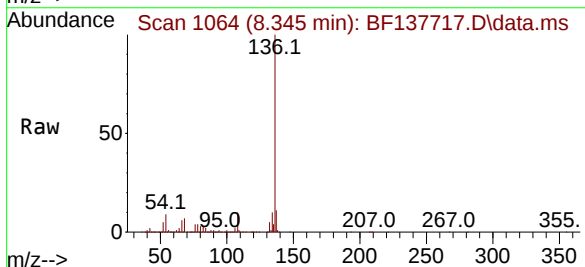
Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	32.8	25.7	38.5

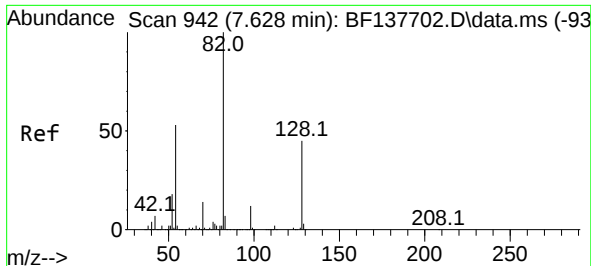


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

Tgt Ion: 136 Resp: 1129215

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	6.9	10.3
68	6.7	5.4	8.0

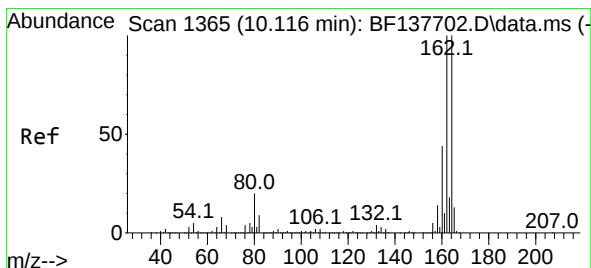
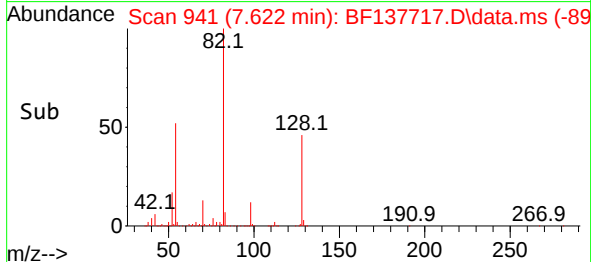
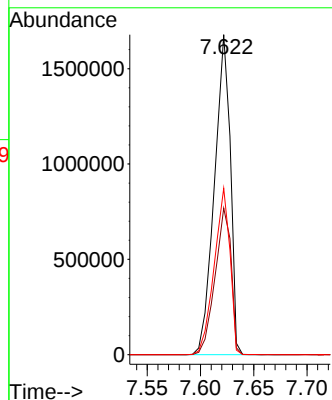
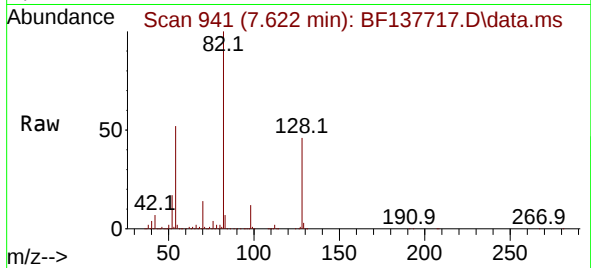




#23
 Nitrobenzene-d5
 Concen: 81.823 ng
 RT: 7.622 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: BF137717.D
 Acq: 24 Apr 2024 14:17

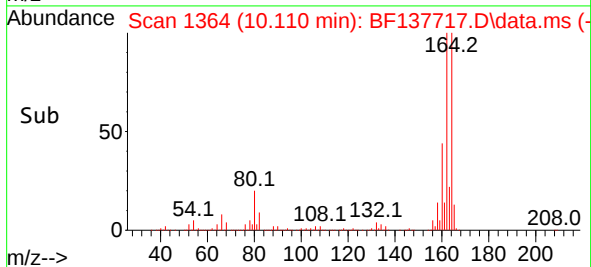
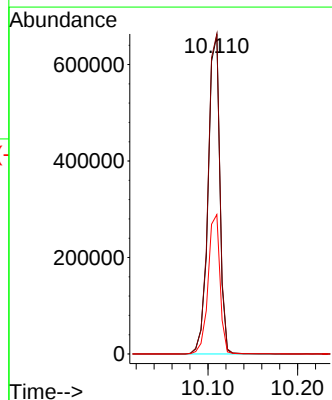
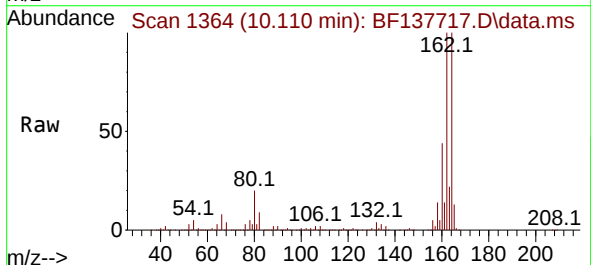
Instrument :
 BNA_F
 ClientSampleId :
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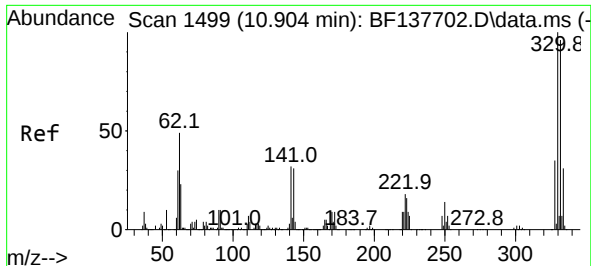
Tgt Ion: 82 Resp: 1740590
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.8 53.6
 54 52.0 42.5 63.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.110 min Scan# 1364
 Delta R.T. -0.006 min
 Lab File: BF137717.D
 Acq: 24 Apr 2024 14:17

Tgt Ion: 164 Resp: 595813
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.3 120.5
 160 43.7 35.0 52.4

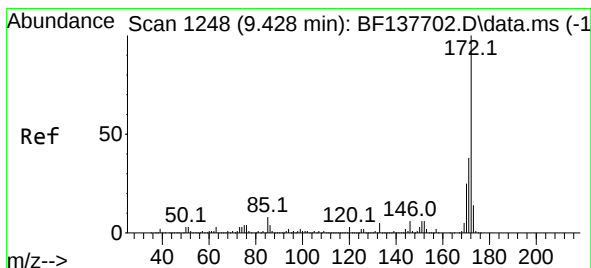
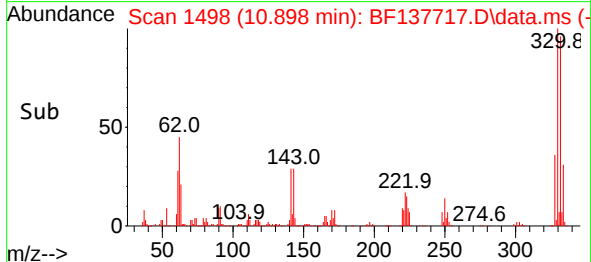
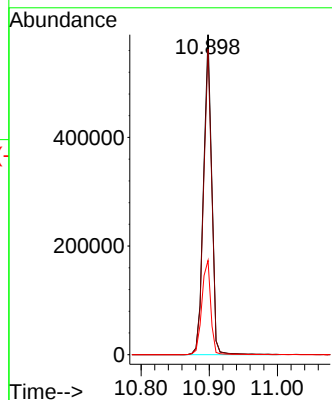
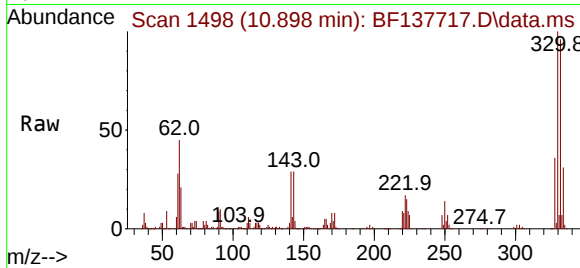




#42
2,4,6-Tribromophenol
Concen: 82.202 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

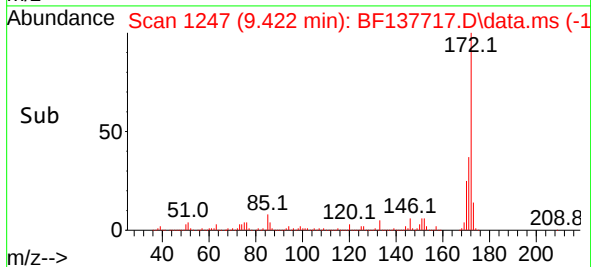
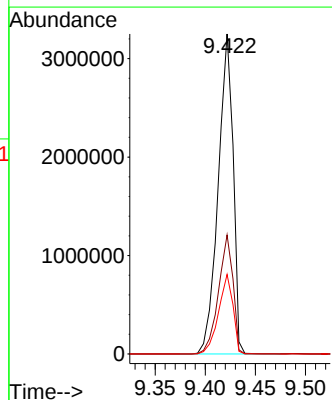
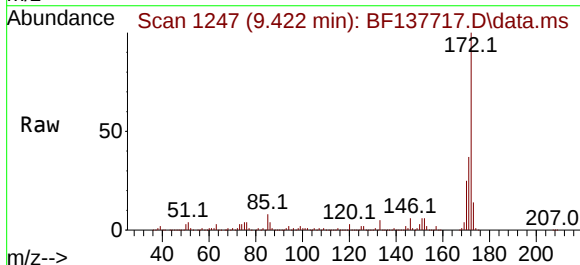
Instrument :
BNA_F
ClientSampleId :
PB160462BL

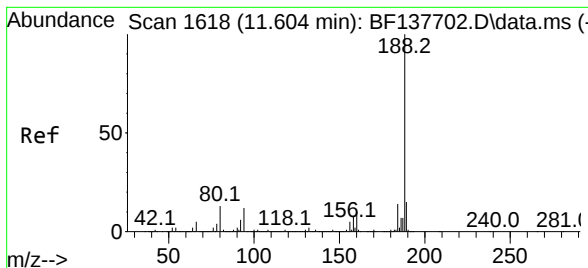
Tgt Ion:330 Resp: 494214
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 32.0 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 84.294 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.006 min
Lab File: BF137717.D
Acq: 24 Apr 2024 14:17

Tgt Ion:172 Resp: 3361206
Ion Ratio Lower Upper
172 100
171 37.2 30.2 45.4
170 24.8 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: BF137717.D

Acq: 24 Apr 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB160462BL

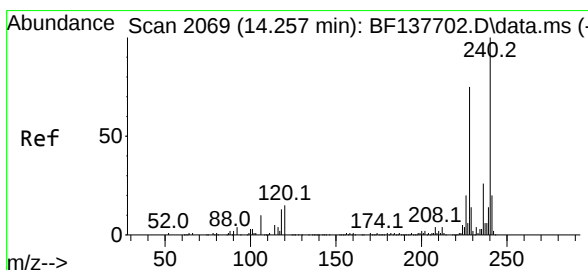
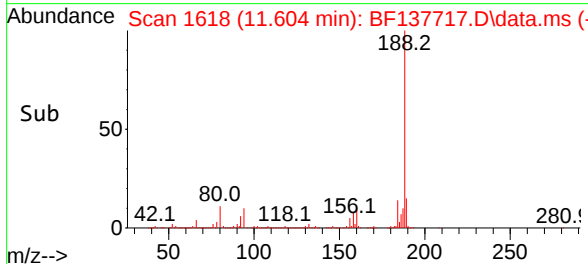
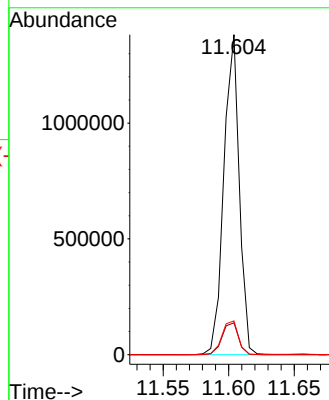
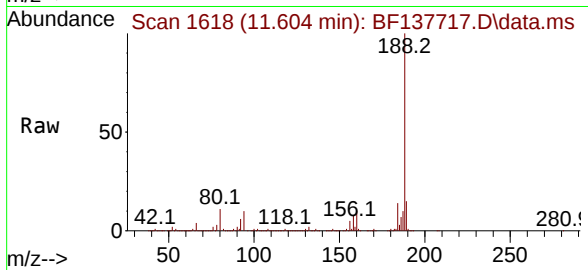
Tgt Ion:188 Resp: 1126314

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

80 10.5 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: BF137717.D

Acq: 24 Apr 2024 14:17

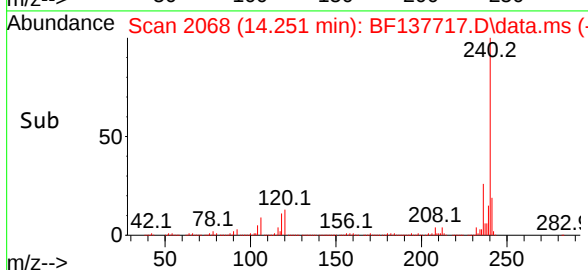
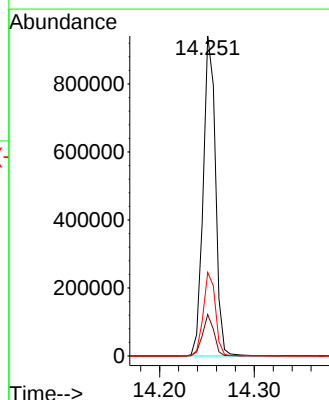
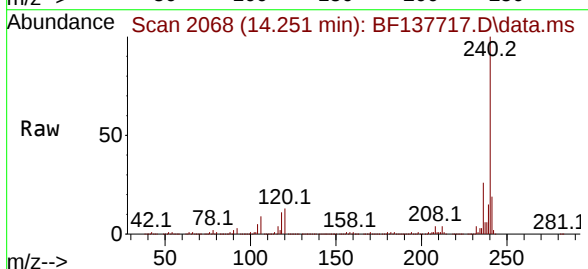
Tgt Ion:240 Resp: 847938

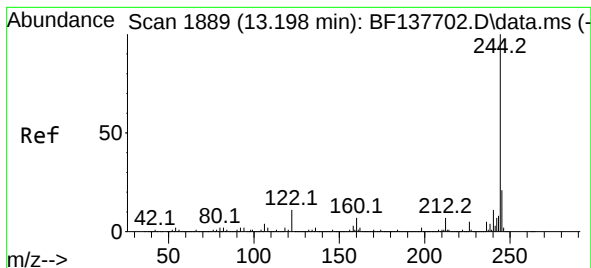
Ion Ratio Lower Upper

240 100

120 12.9 11.9 17.9

236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 78.605 ng

RT: 13.198 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF137717.D

Acq: 24 Apr 2024 14:17

Instrument :

BNA_F

ClientSampleId :

PB160462BL

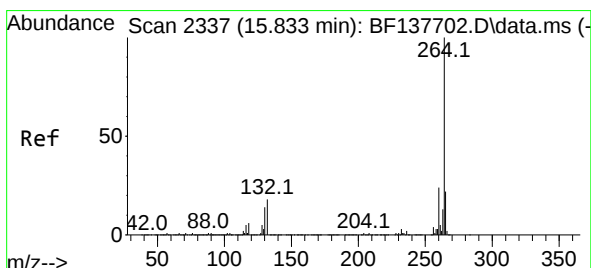
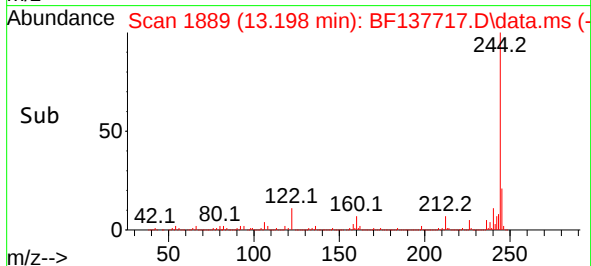
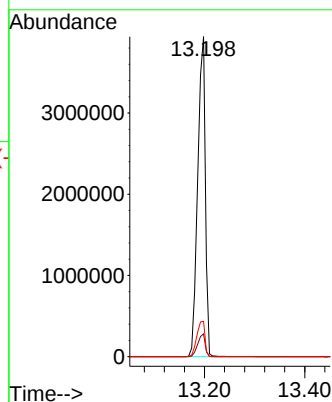
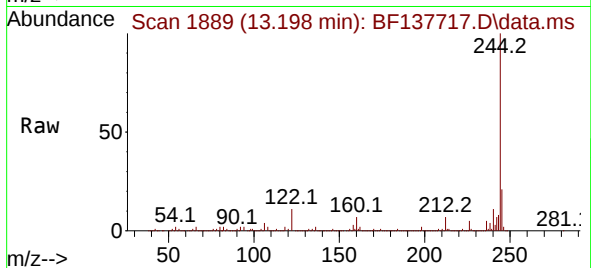
Tgt Ion:244 Resp: 4141045

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.1 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: BF137717.D

Acq: 24 Apr 2024 14:17

Tgt Ion:264 Resp: 622451

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.8 17.5 26.3

