

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042324\
 Data File : BF137707.D
 Acq On : 23 Apr 2024 22:34
 Operator : CG\JU
 Sample : PB160393BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160393BL

Quant Time: Apr 24 04:20:26 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	343111	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1379635	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	790124	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1415609	20.000	ng	0.00
76) Chrysene-d12	14.251	240	1107054	20.000	ng	0.00
86) Perylene-d12	15.827	264	999471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	2568172	113.699	ng	0.02
7) Phenol-d6	6.675	99	3191403	111.263	ng	0.00
23) Nitrobenzene-d5	7.622	82	2029352	78.082	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	930000	116.644	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	3821196	72.263	ng	0.00
79) Terphenyl-d14	13.198	244	4634734	67.385	ng	0.00

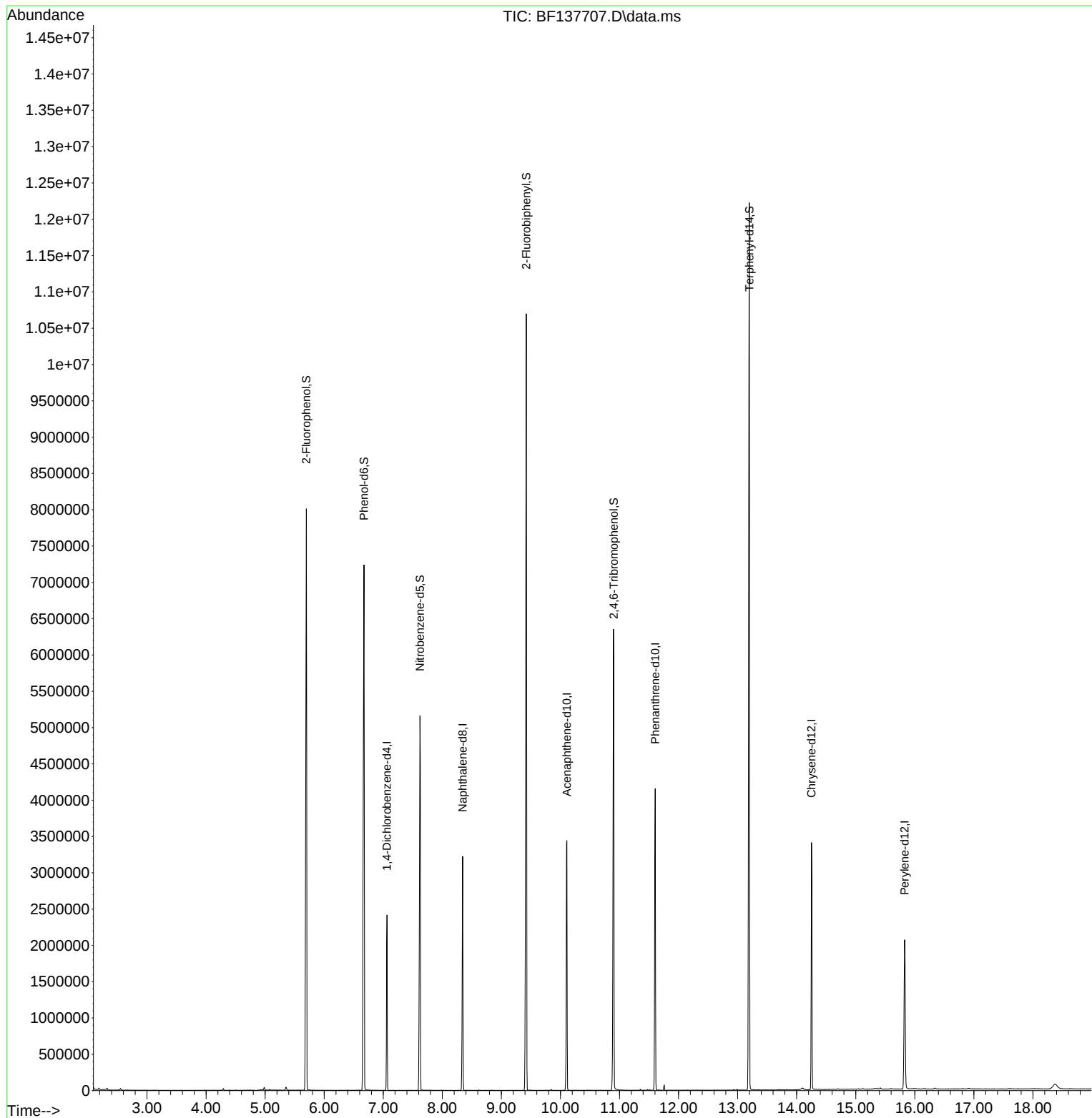
Target Compounds	Qvalue

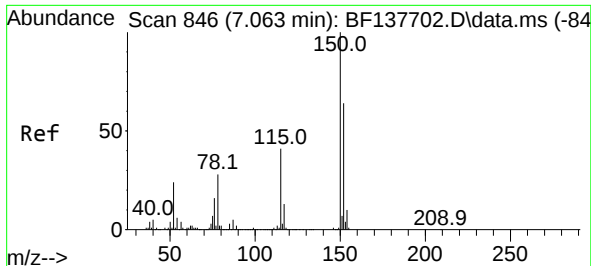
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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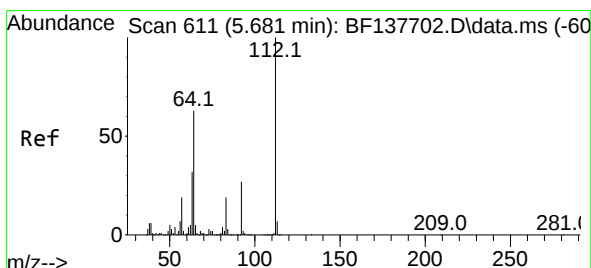
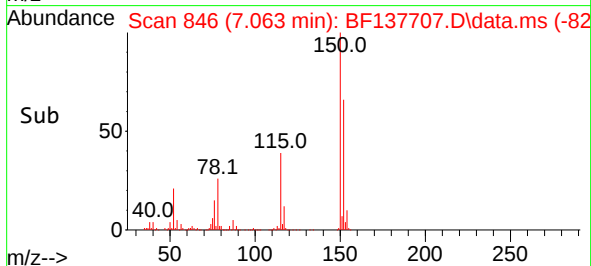
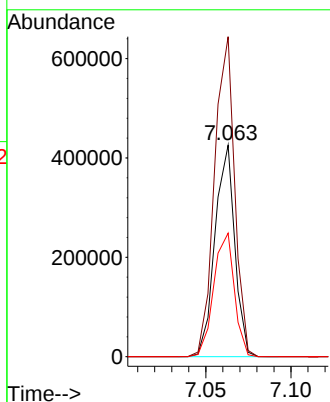
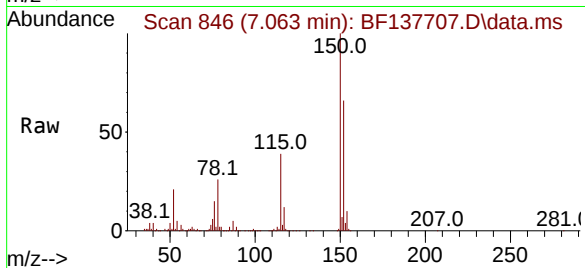




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.063 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: BF137707.D
 Acq: 23 Apr 2024 22:34

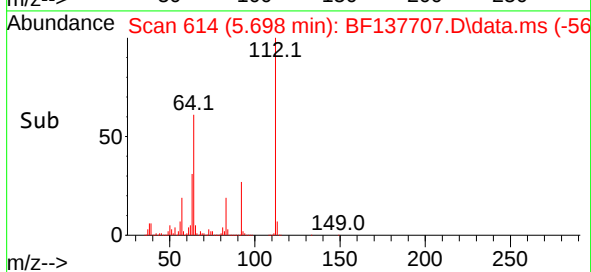
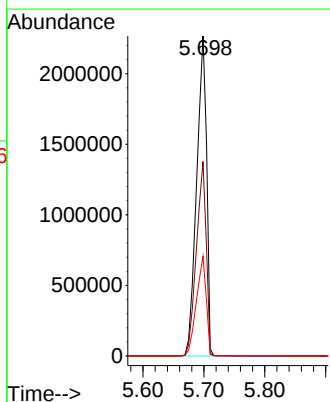
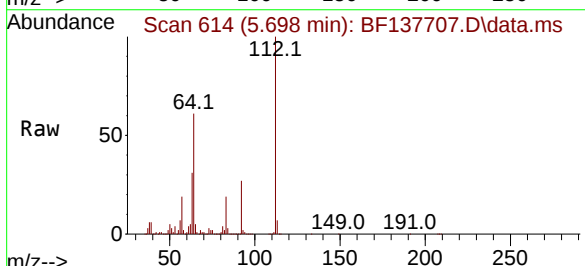
Instrument :
 BNA_F
 ClientSampleId :
 PB160393BL

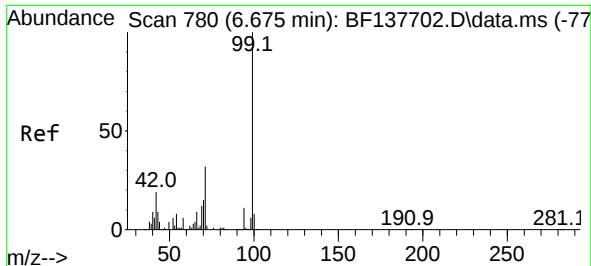
Tgt Ion:152 Resp: 343111
 Ion Ratio Lower Upper
 152 100
 150 151.3 124.2 186.4
 115 58.4 50.8 76.2



#5
 2-Fluorophenol
 Concen: 113.699 ng
 RT: 5.698 min Scan# 614
 Delta R.T. 0.018 min
 Lab File: BF137707.D
 Acq: 23 Apr 2024 22:34

Tgt Ion:112 Resp: 2568172
 Ion Ratio Lower Upper
 112 100
 64 60.8 50.1 75.1
 63 31.2 25.2 37.8



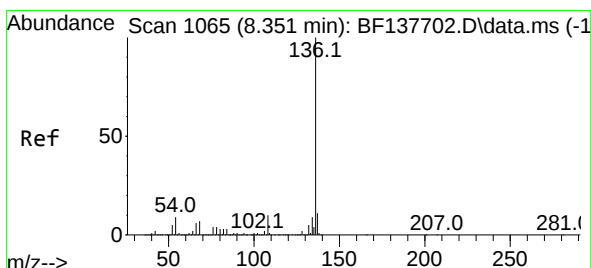
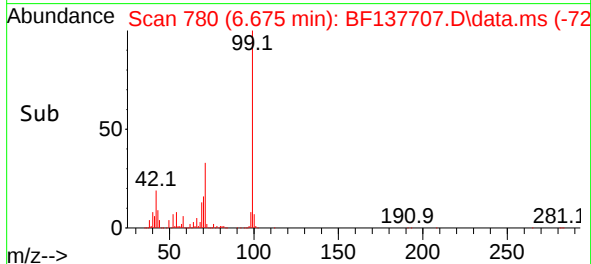
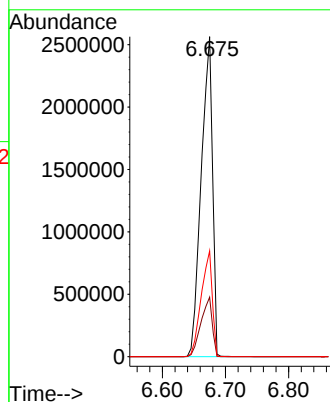
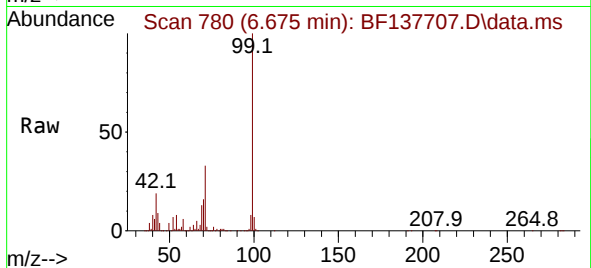


#7
Phenol-d6
Concen: 111.263 ng
RT: 6.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

Instrument :
BNA_F
ClientSampleId :
PB160393BL

Tgt Ion: 99 Resp: 3191403

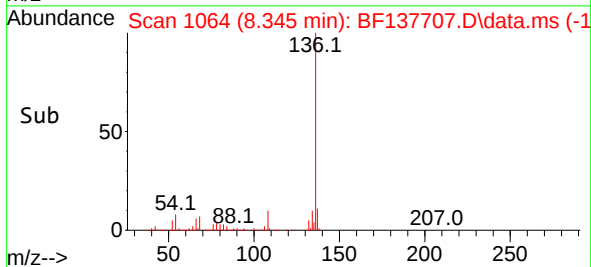
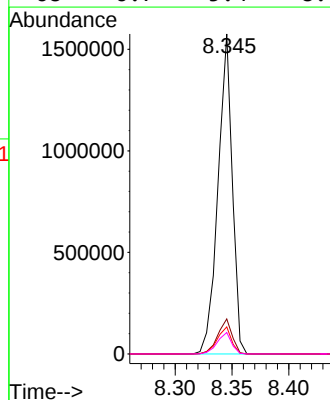
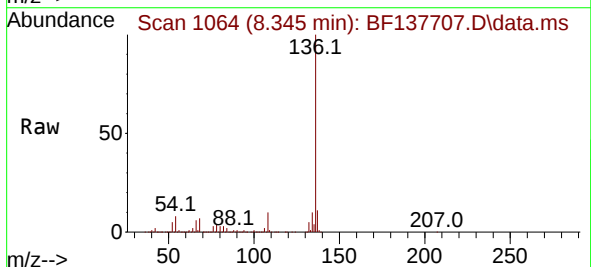
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	33.0	25.7	38.5

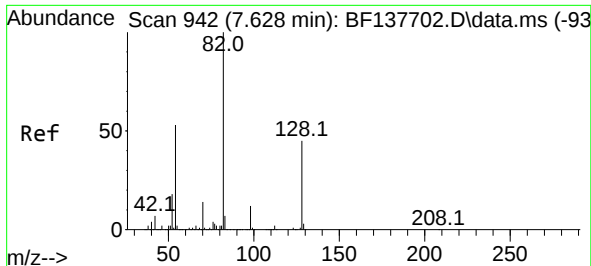


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137707.D
Acq: 23 Apr 2024 22:34

Tgt Ion: 136 Resp: 1379635

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	6.9	10.3
68	6.7	5.4	8.0





#23

Nitrobenzene-d5

Concen: 78.082 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137707.D

Acq: 23 Apr 2024 22:34

Instrument :

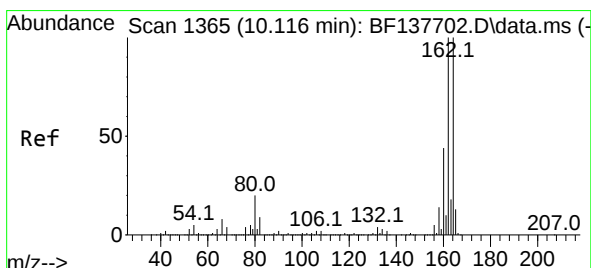
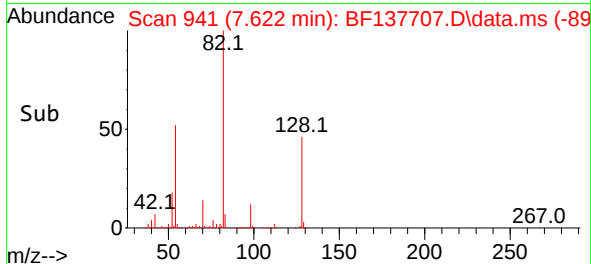
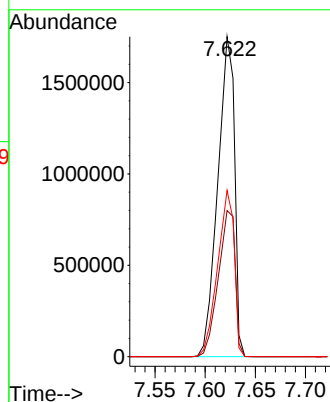
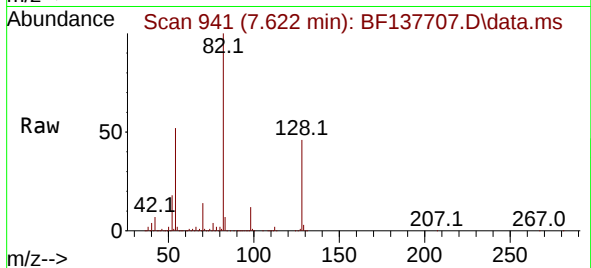
BNA_F

ClientSampleId :

PB160393BL

Tgt Ion: 82 Resp: 2029352

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.8	53.6
54	51.9	42.5	63.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

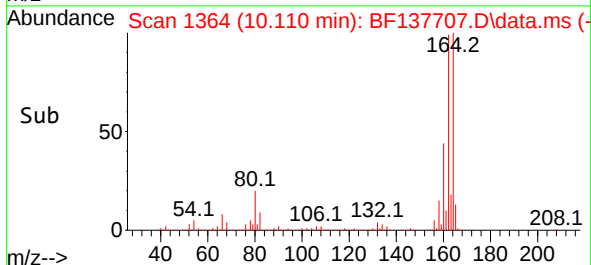
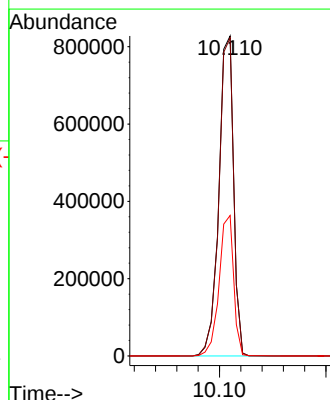
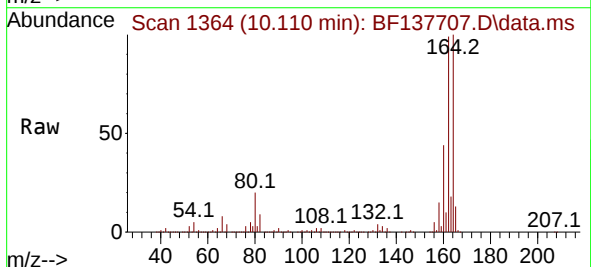
Delta R.T. -0.006 min

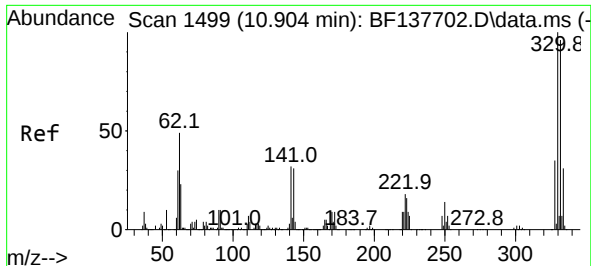
Lab File: BF137707.D

Acq: 23 Apr 2024 22:34

Tgt Ion: 164 Resp: 790124

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.3	120.5
160	43.9	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 116.644 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF137707.D

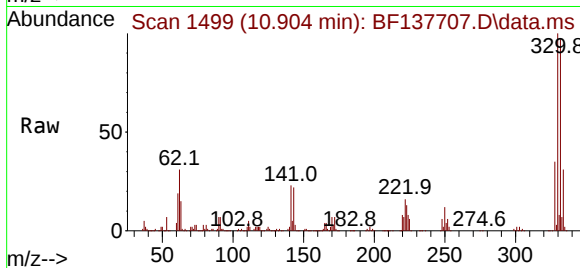
Acq: 23 Apr 2024 22:34

Instrument :

BNA_F

ClientSampleId :

PB160393BL



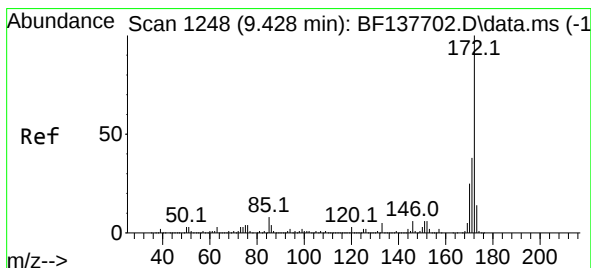
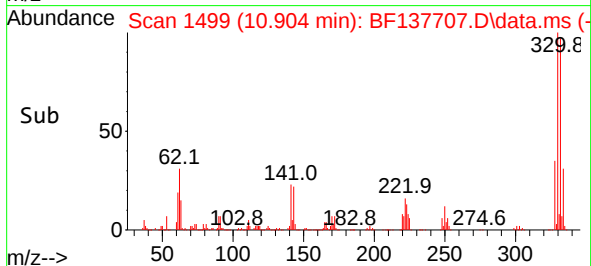
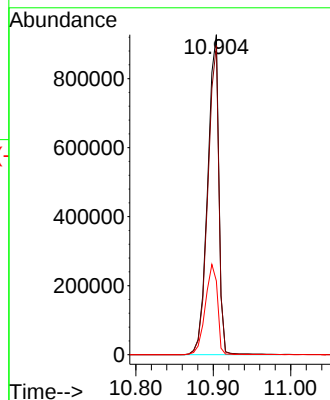
Tgt Ion:330 Resp: 930000

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

141 30.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 72.263 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137707.D

Acq: 23 Apr 2024 22:34

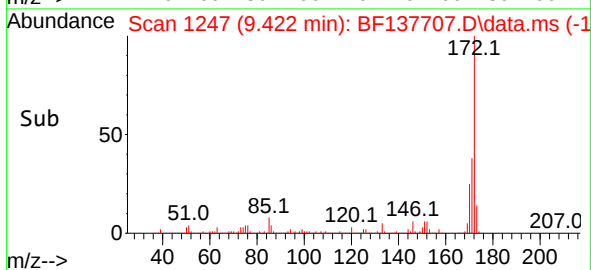
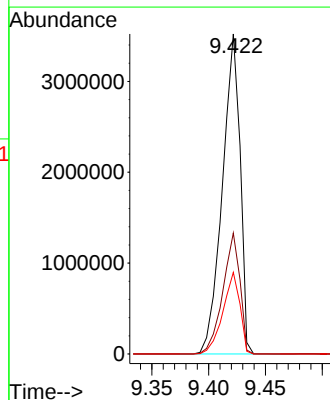
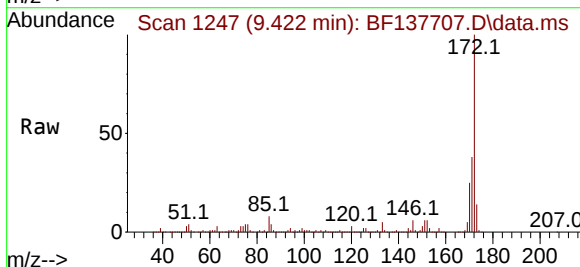
Tgt Ion:172 Resp: 3821196

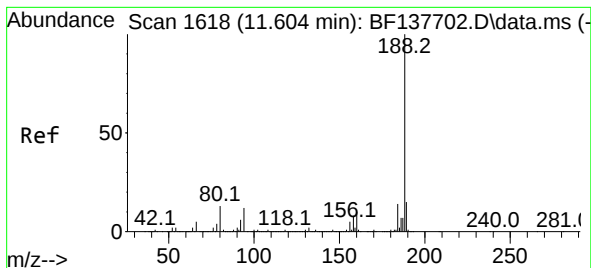
Ion Ratio Lower Upper

172 100

171 37.8 30.2 45.4

170 25.5 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: BF137707.D

Acq: 23 Apr 2024 22:34

Instrument :

BNA_F

ClientSampleId :

PB160393BL

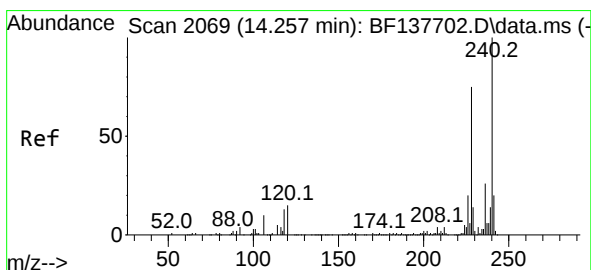
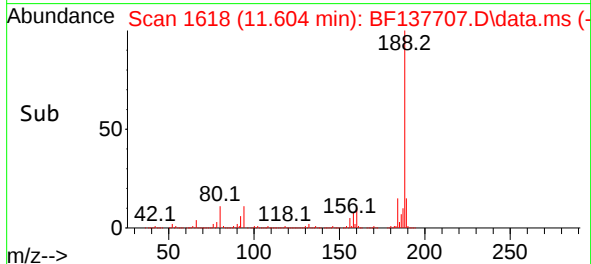
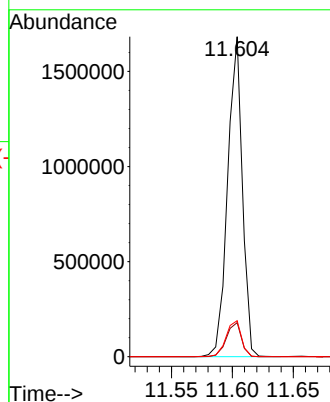
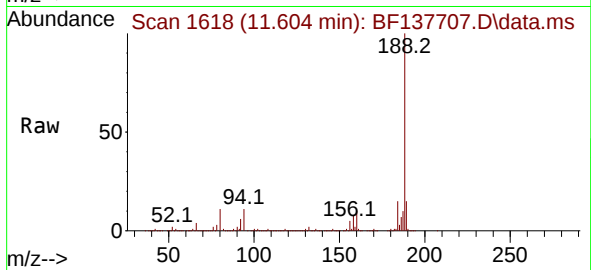
Tgt Ion:188 Resp: 1415609

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

80 11.2 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: BF137707.D

Acq: 23 Apr 2024 22:34

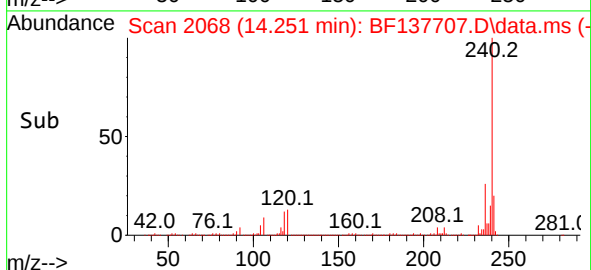
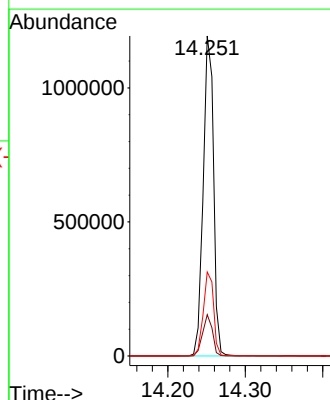
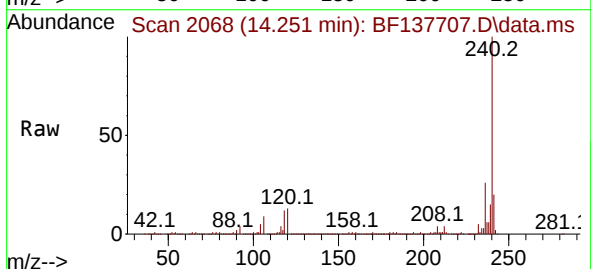
Tgt Ion:240 Resp: 1107054

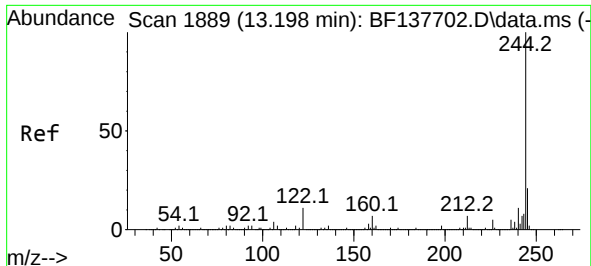
Ion Ratio Lower Upper

240 100

120 12.9 11.9 17.9

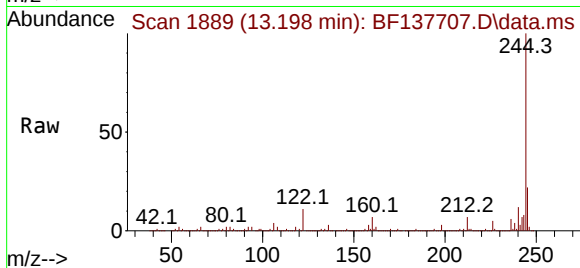
236 26.3 20.8 31.2



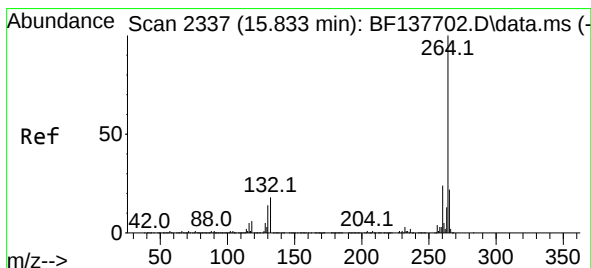
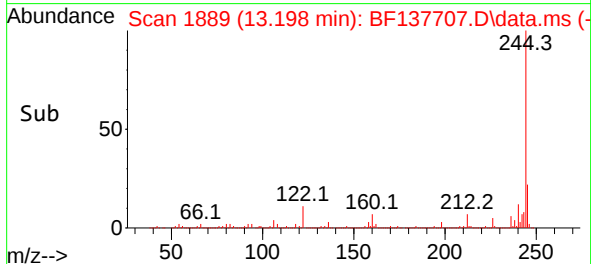
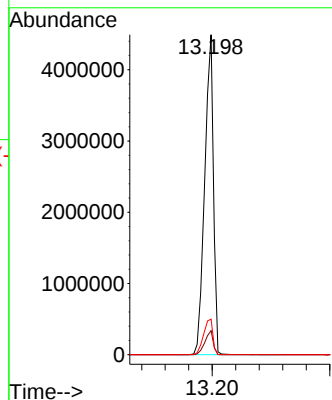


#79
 Terphenyl-d14
 Concen: 67.385 ng
 RT: 13.198 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: BF137707.D
 Acq: 23 Apr 2024 22:34

Instrument :
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Tgt Ion:244 Resp: 4634734
 Ion Ratio Lower Upper
 244 100
 212 7.5 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: BF137707.D
 Acq: 23 Apr 2024 22:34

Tgt Ion:264 Resp: 999471
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.6 17.5 26.3

