

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137806.D
 Acq On : 02 May 2024 10:10
 Operator : CG\JU
 Sample : PB160657BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160657BL

Quant Time: May 02 11:46:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	204304	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	804589	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	465564	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	844098	20.000	ng	0.00
76) Chrysene-d12	14.251	240	594924	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	485376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1550353	127.053	ng	0.02
7) Phenol-d6	6.669	99	1906601	123.185	ng	0.00
23) Nitrobenzene-d5	7.616	82	1172372	84.655	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	652857	137.342	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2427156	84.580	ng	0.00
79) Terphenyl-d14	13.192	244	3008483	84.747	ng	0.00

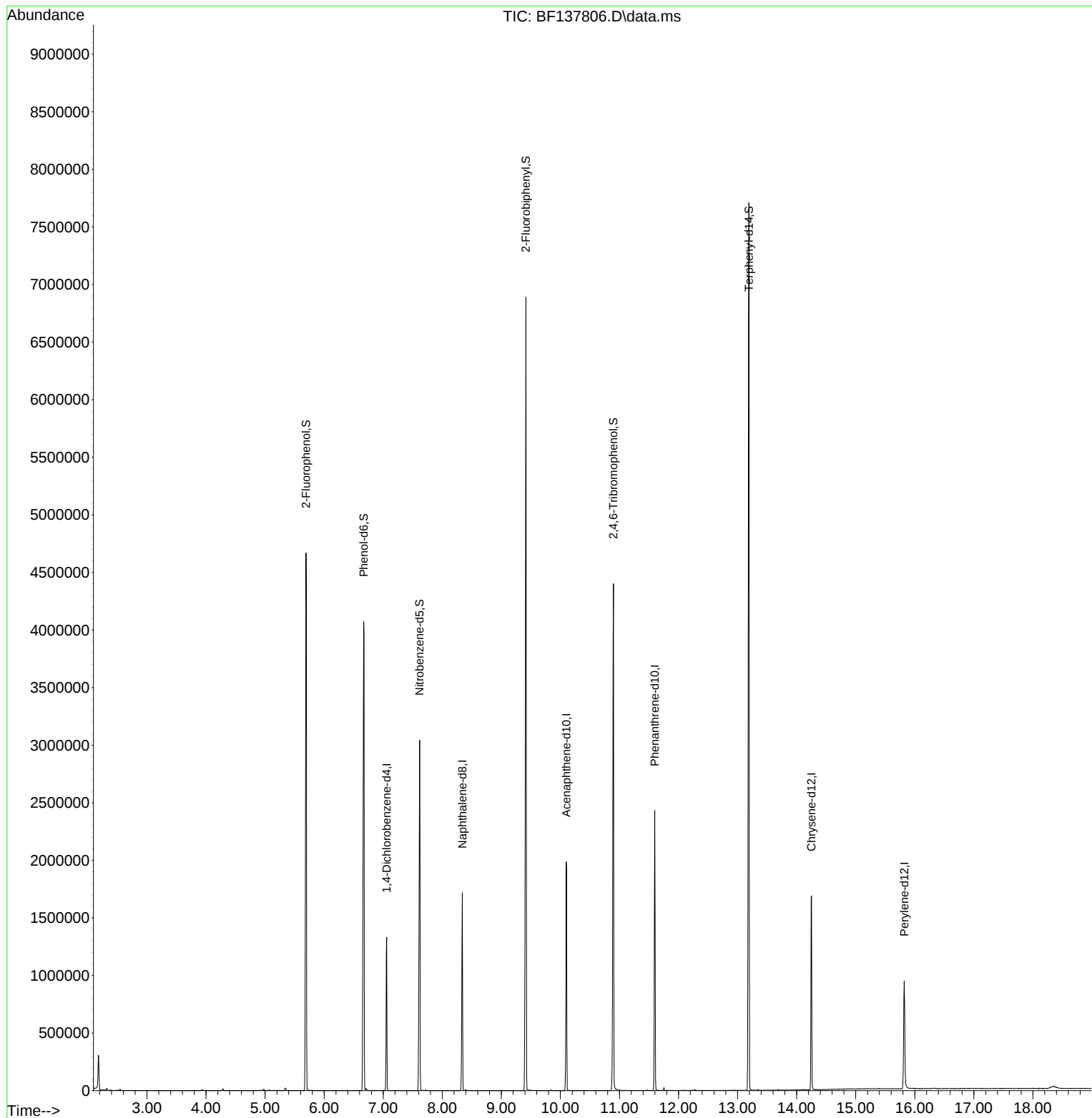
Target Compounds Qvalue

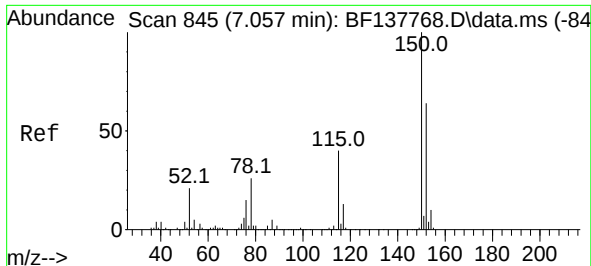
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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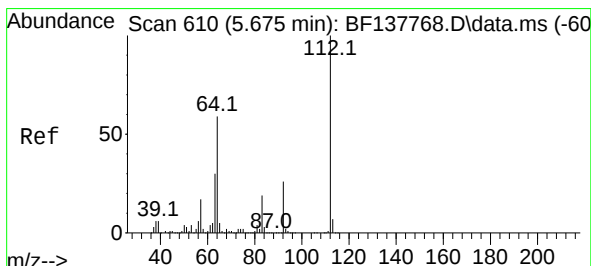
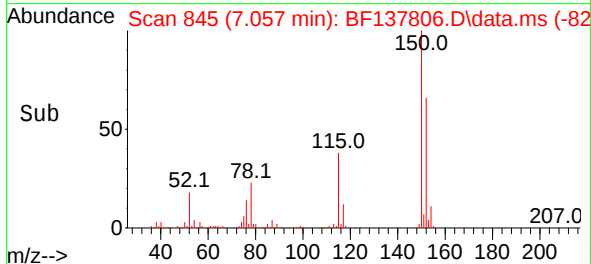
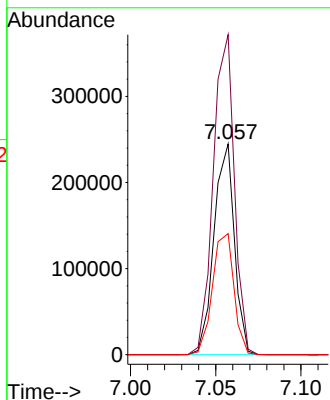
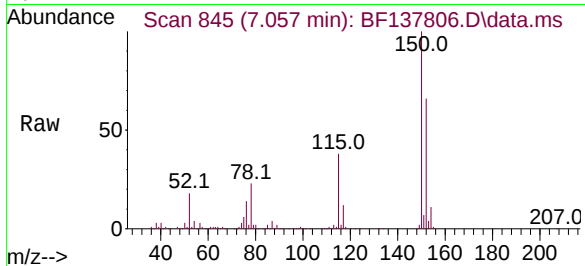




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF137806.D
Acq: 02 May 2024 10:10

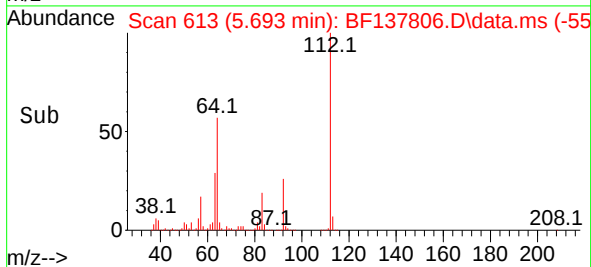
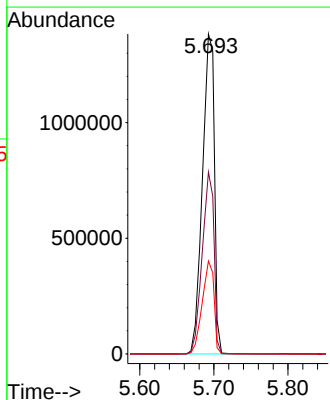
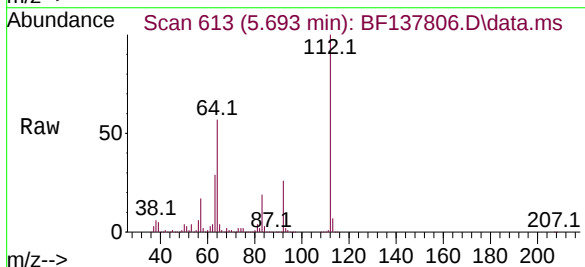
Instrument :
BNA_F
ClientSampleId :
PB160657BL

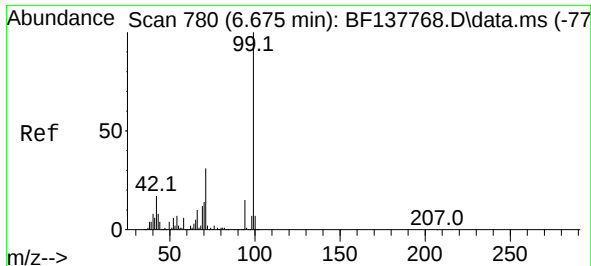
Tgt Ion:152 Resp: 204304
Ion Ratio Lower Upper
152 100
150 151.8 124.1 186.1
115 57.5 49.1 73.7



#5
2-Fluorophenol
Concen: 127.053 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137806.D
Acq: 02 May 2024 10:10

Tgt Ion:112 Resp: 1550353
Ion Ratio Lower Upper
112 100
64 56.8 47.3 70.9
63 29.0 23.7 35.5

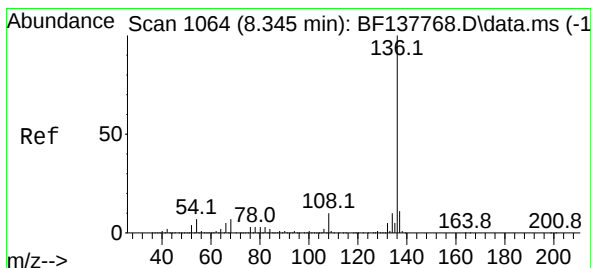
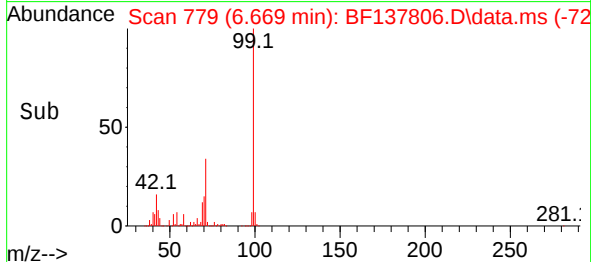
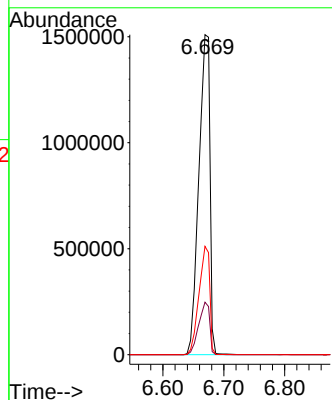
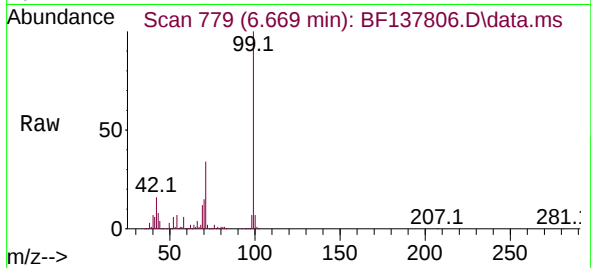




#7
Phenol-d6
Concen: 123.185 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137806.D
Acq: 02 May 2024 10:10

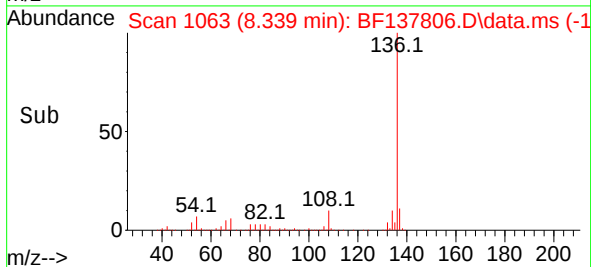
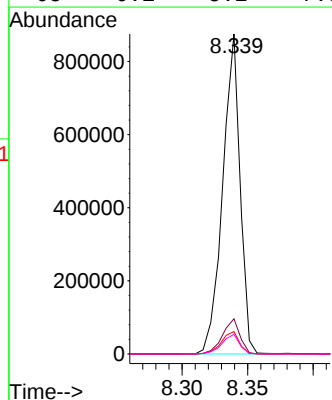
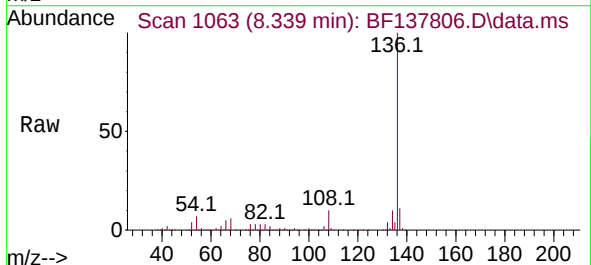
Instrument :
BNA_F
ClientSampleId :
PB160657BL

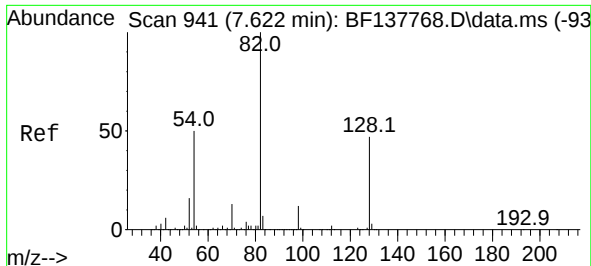
Tgt Ion: 99 Resp: 1906601
Ion Ratio Lower Upper
99 100
42 16.4 13.2 19.8
71 33.9 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137806.D
Acq: 02 May 2024 10:10

Tgt Ion: 136 Resp: 804589
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.0 5.8 8.8
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 84.655 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137806.D

Acq: 02 May 2024 10:10

Instrument :

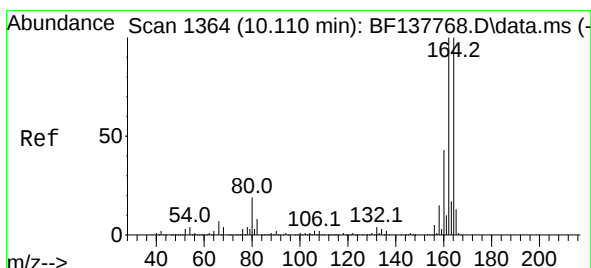
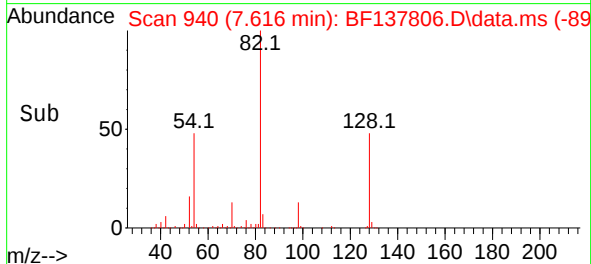
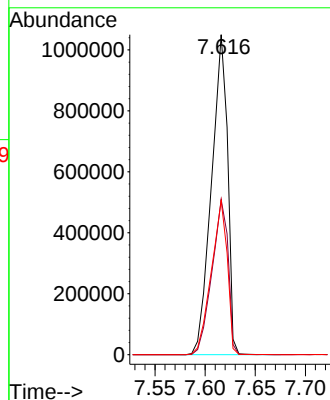
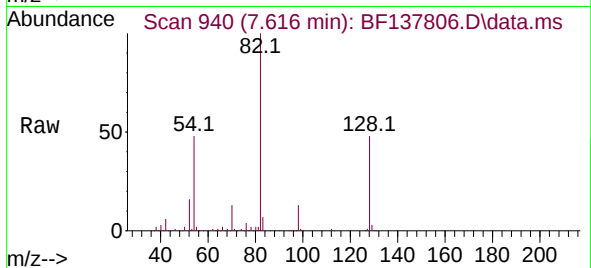
BNA_F

ClientSampleId :

PB160657BL

Tgt Ion: 82 Resp: 1172372

Ion	Ratio	Lower	Upper
82	100		
128	48.5	37.5	56.3
54	48.2	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1362

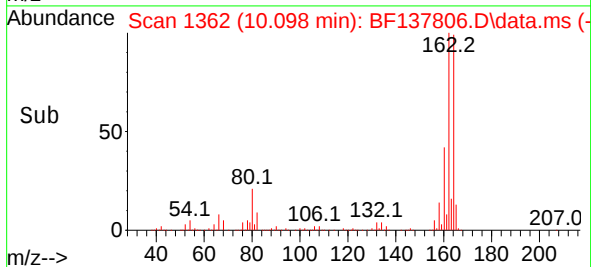
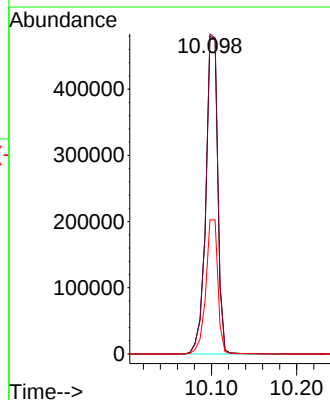
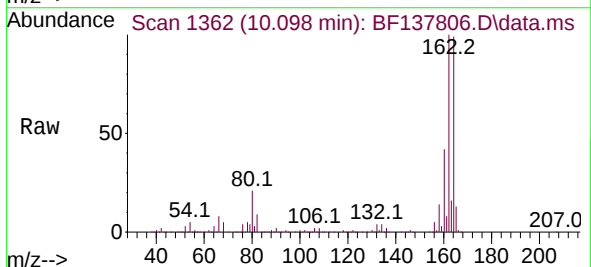
Delta R.T. -0.012 min

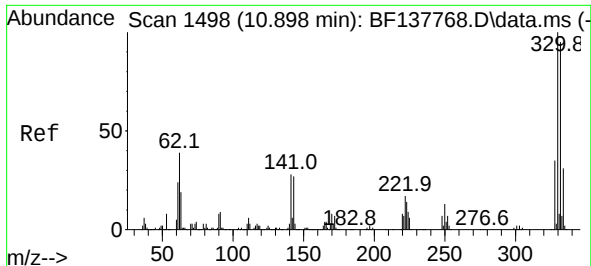
Lab File: BF137806.D

Acq: 02 May 2024 10:10

Tgt Ion:164 Resp: 465564

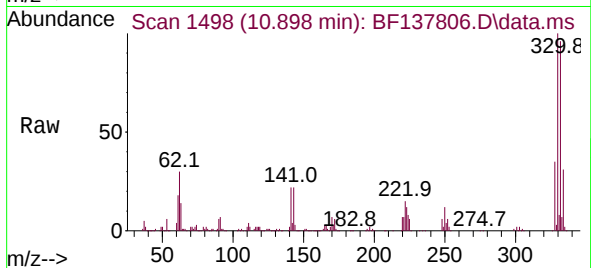
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.8	119.6
160	42.2	34.4	51.6



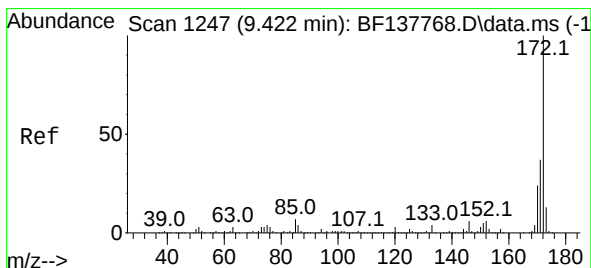
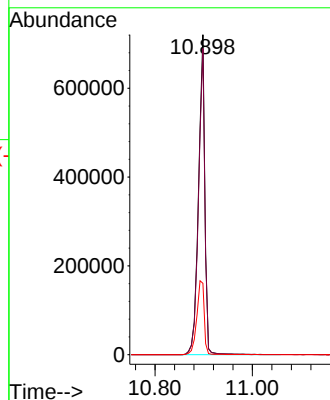
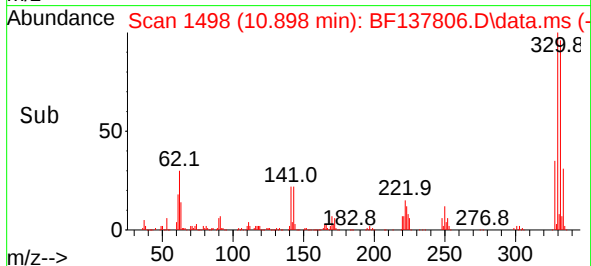


#42
2,4,6-Tribromophenol
Concen: 137.342 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF137806.D
Acq: 02 May 2024 10:10

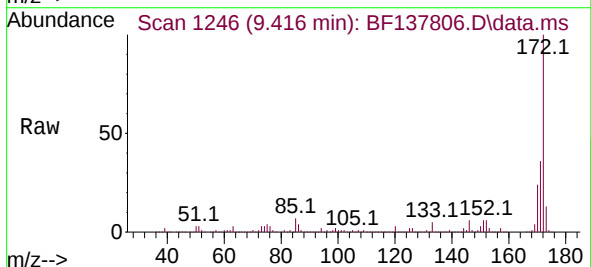
Instrument :
BNA_F
ClientSampleId :
PB160657BL



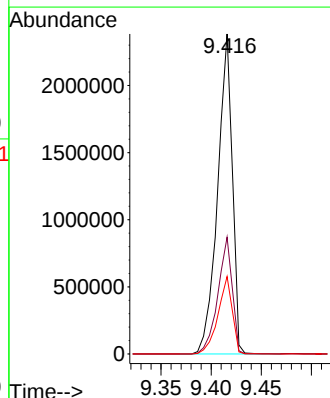
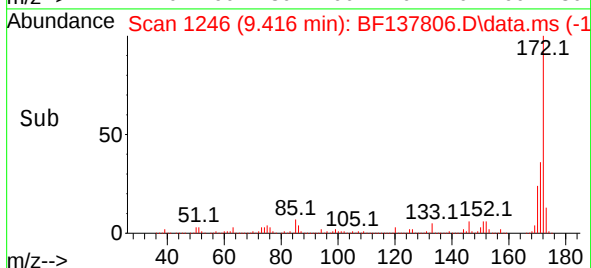
Tgt Ion:330 Resp: 652857
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 27.1 23.8 35.6

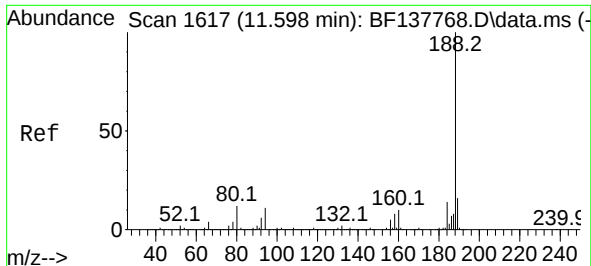


#45
2-Fluorobiphenyl
Concen: 84.580 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137806.D
Acq: 02 May 2024 10:10



Tgt Ion:172 Resp: 2427156
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.4 29.2

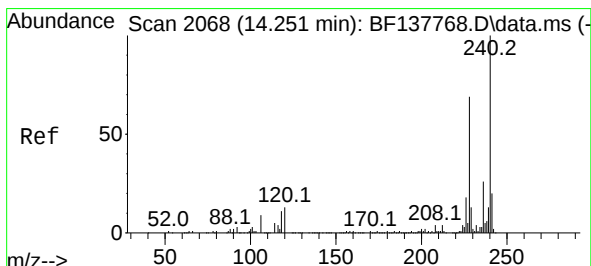
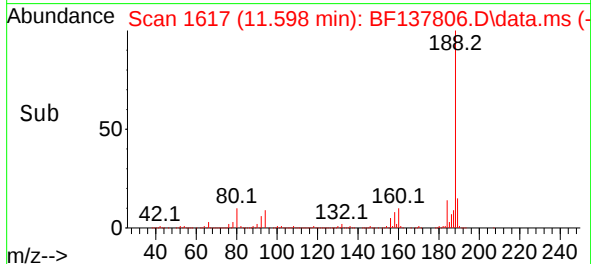
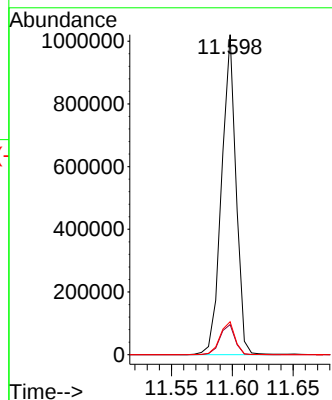
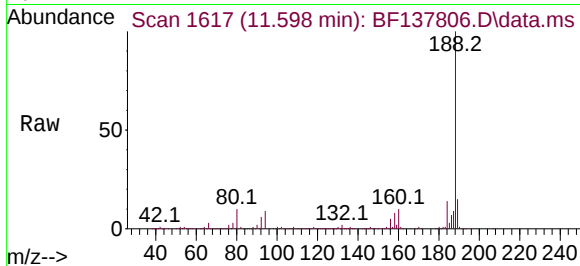




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137806.D
Acq: 02 May 2024 10:10

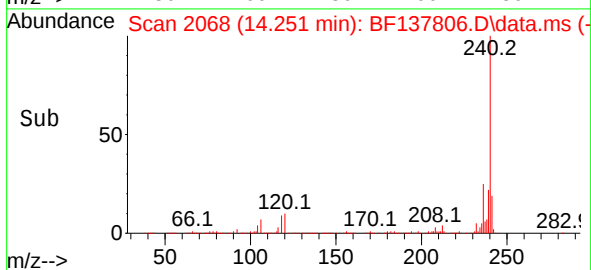
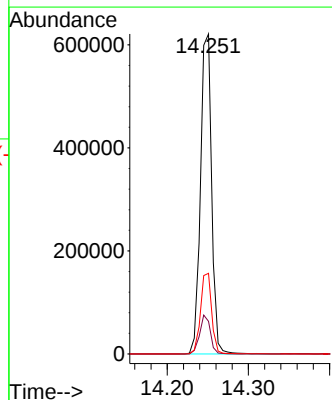
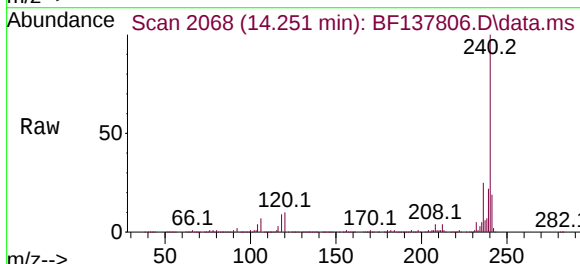
Instrument :
BNA_F
ClientSampleId :
PB160657BL

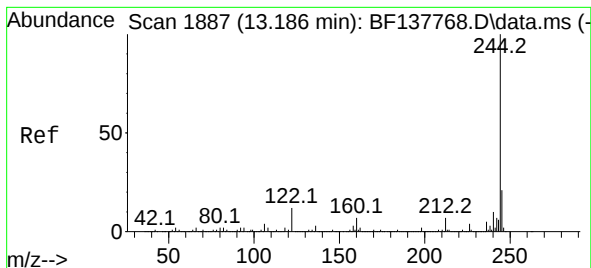
Tgt Ion:188 Resp: 844098
Ion Ratio Lower Upper
188 100
94 9.4 8.8 13.2
80 10.3 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BF137806.D
Acq: 02 May 2024 10:10

Tgt Ion:240 Resp: 594924
Ion Ratio Lower Upper
240 100
120 10.2 10.4 15.6#
236 25.2 20.4 30.6





#79

Terphenyl-d14

Concen: 84.747 ng

RT: 13.192 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137806.D

Acq: 02 May 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB160657BL

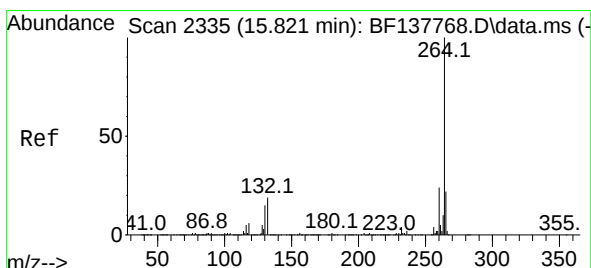
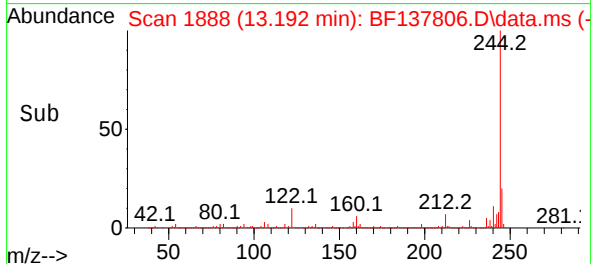
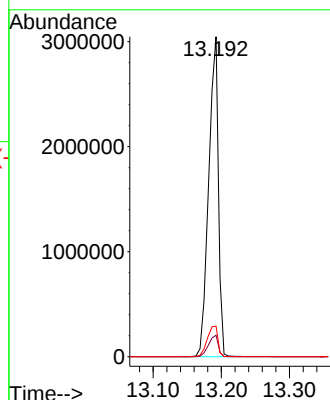
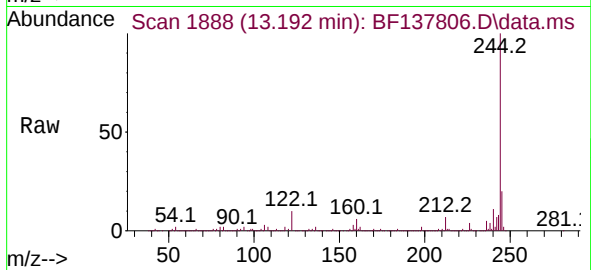
Tgt Ion:244 Resp: 3008483

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 9.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. 0.000 min

Lab File: BF137806.D

Acq: 02 May 2024 10:10

Tgt Ion:264 Resp: 485376

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 21.0 17.4 26.0

