

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137946.D
 Acq On : 17 May 2024 22:12
 Operator : CG\JU
 Sample : P2513-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: May 17 22:56:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

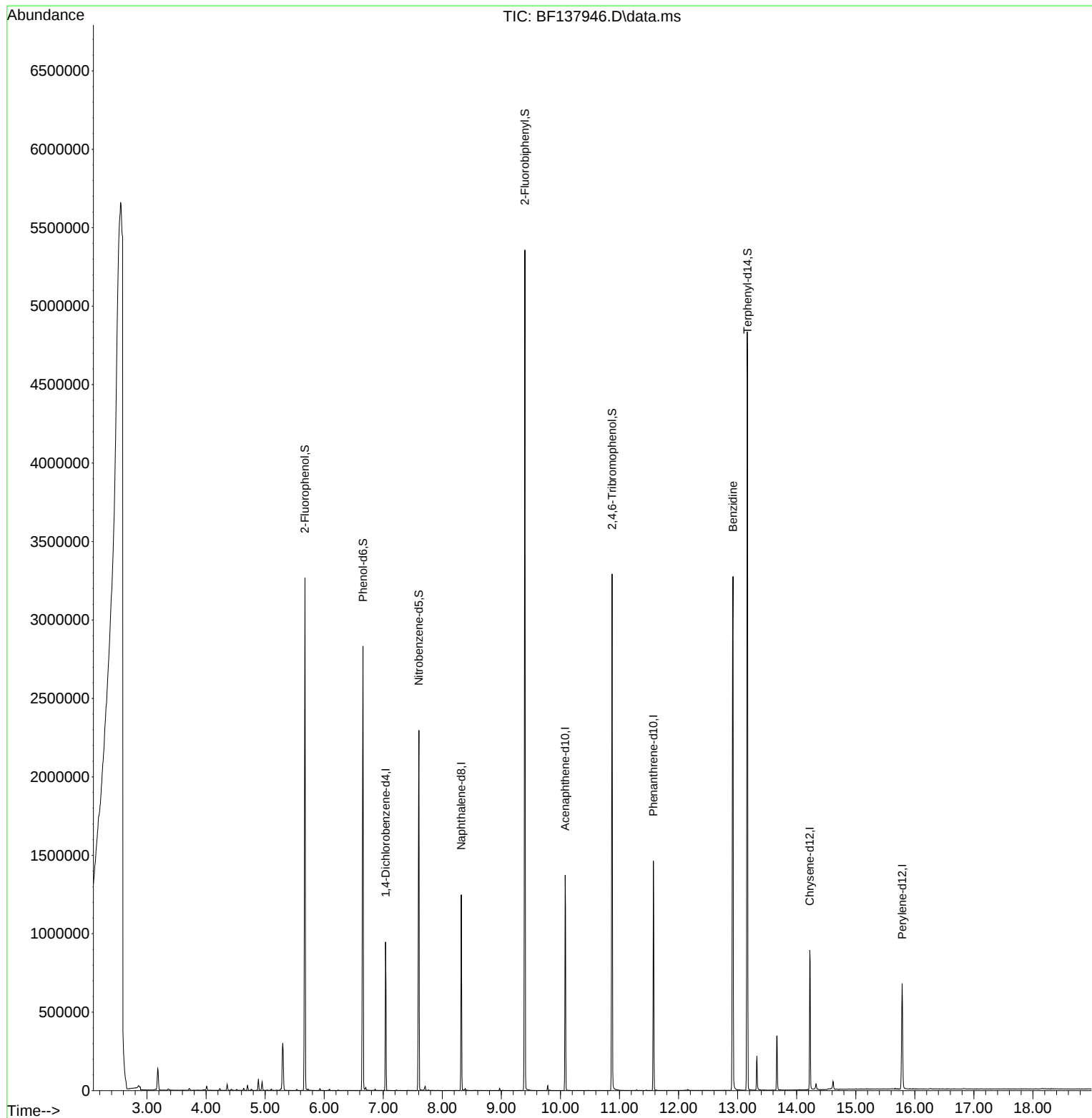
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	130852	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	504473	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	291590	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	520360	20.000	ng	0.00
76) Chrysene-d12	14.221	240	303720	20.000	ng	0.00
86) Perylene-d12	15.786	264	332315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	949628	123.275	ng	0.01
7) Phenol-d6	6.657	99	1079882	113.801	ng	0.00
23) Nitrobenzene-d5	7.604	82	743878	86.779	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	412990	140.468	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1602384	84.649	ng	0.00
79) Terphenyl-d14	13.168	244	1858642	90.191	ng	0.00
Target Compounds						
77) Benzidine	12.921	184	1299503	327.389	ng	Qvalue 99

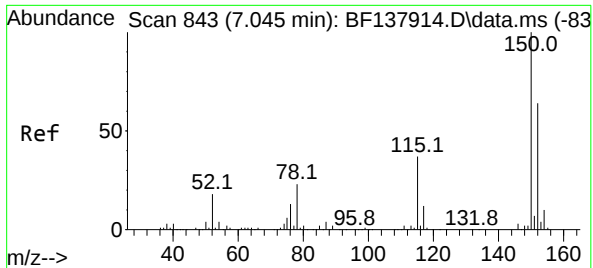
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137946.D
Acq On : 17 May 2024 22:12
Operator : CG\JU
Sample : P2513-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-16

Quant Time: May 17 22:56:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

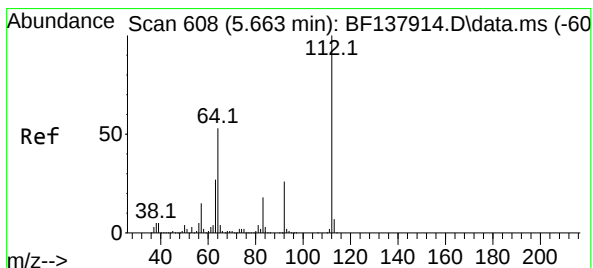
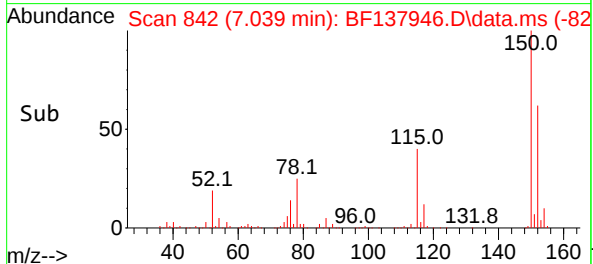
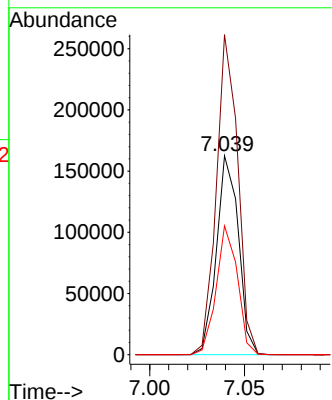
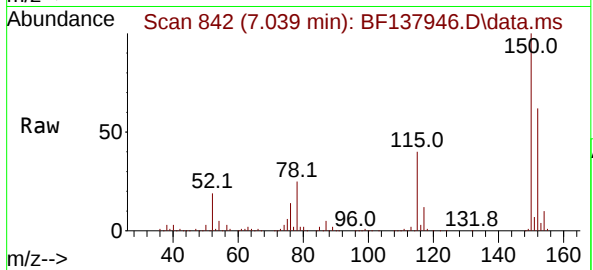




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

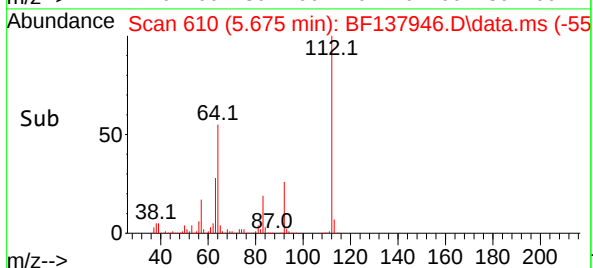
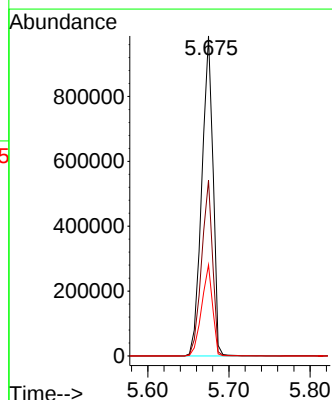
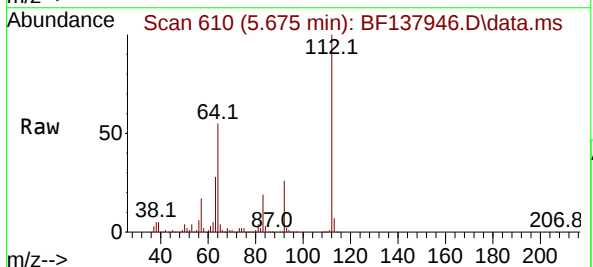
Instrument :
BNA_F
ClientSampleId :
TP-16

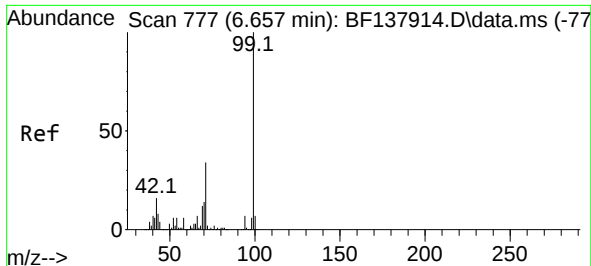
Tgt Ion:152 Resp: 130852
Ion Ratio Lower Upper
152 100
150 160.9 125.7 188.5
115 64.7 47.0 70.6



#5
2-Fluorophenol
Concen: 123.275 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion:112 Resp: 949628
Ion Ratio Lower Upper
112 100
64 54.9 42.4 63.6
63 28.5 21.4 32.2



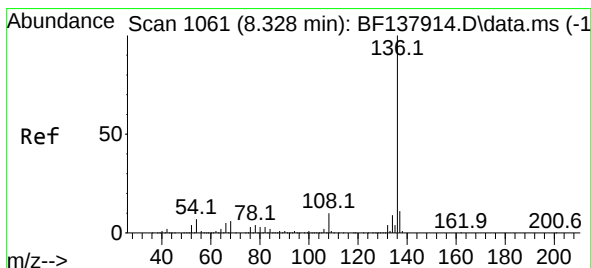
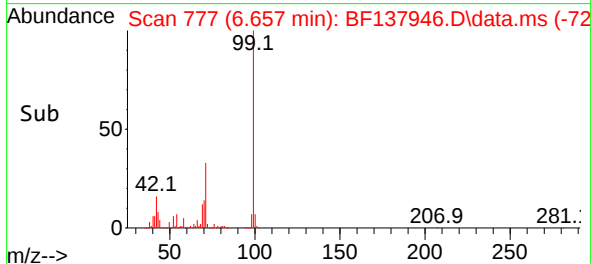
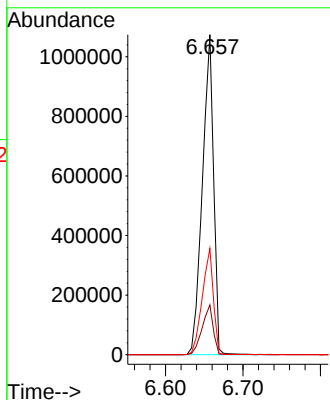
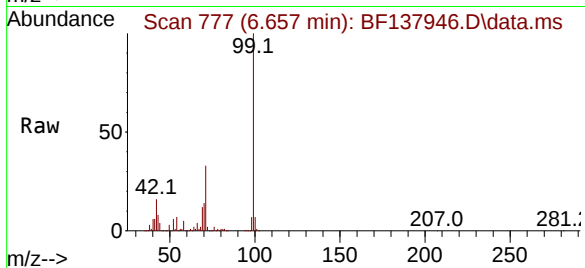


#7
Phenol-d6
Concen: 113.801 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Instrument :
BNA_F
ClientSampleId :
TP-16

Tgt Ion: 99 Resp: 1079882

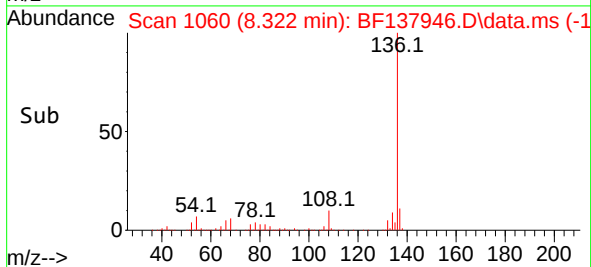
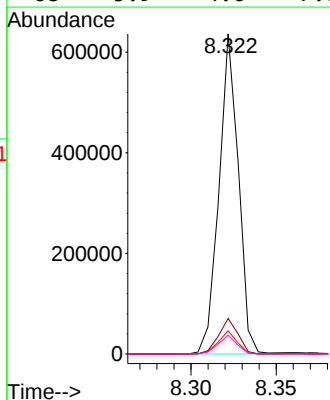
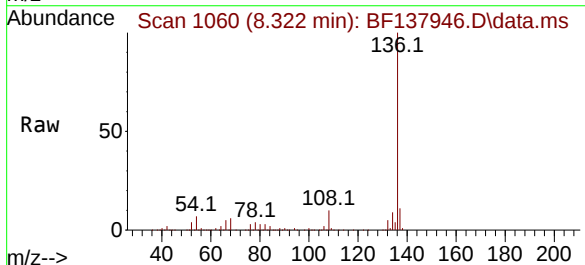
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.6	18.8
71	33.2	27.1	40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion: 136 Resp: 504473

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.2	5.4	8.2
68	5.9	4.6	7.0





#23

Nitrobenzene-d5

Concen: 86.779 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137946.D

Acq: 17 May 2024 22:12

Instrument :

BNA_F

ClientSampleId :

TP-16

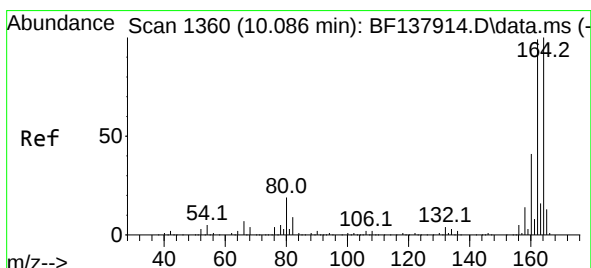
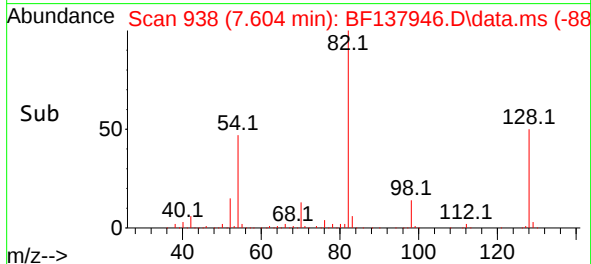
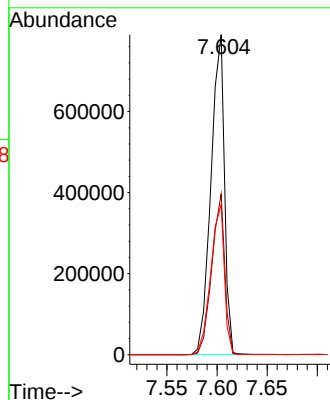
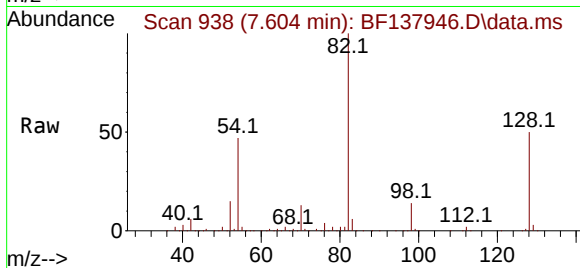
Tgt Ion: 82 Resp: 743878

Ion Ratio Lower Upper

82 100

128 50.2 40.3 60.5

54 46.9 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF137946.D

Acq: 17 May 2024 22:12

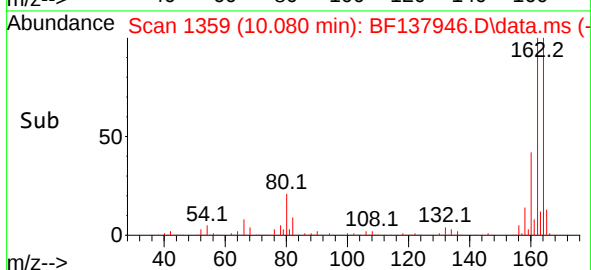
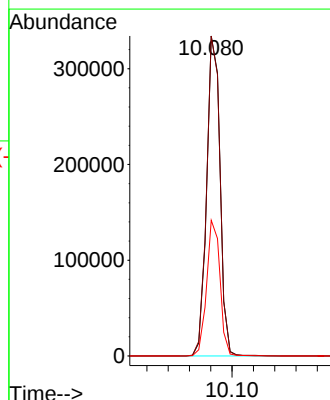
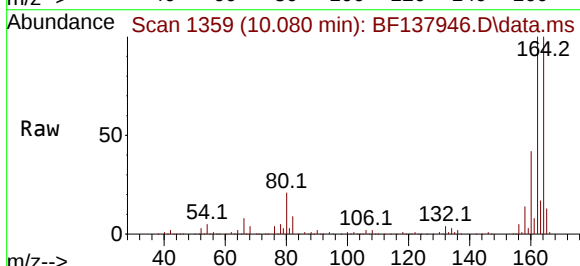
Tgt Ion:164 Resp: 291590

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.2

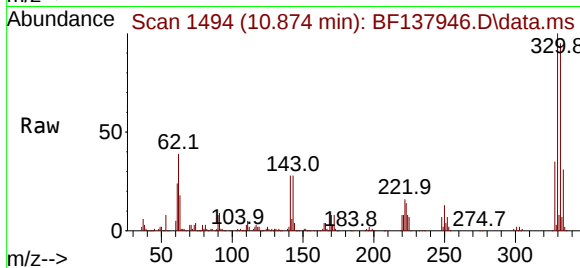
160 42.4 33.1 49.7



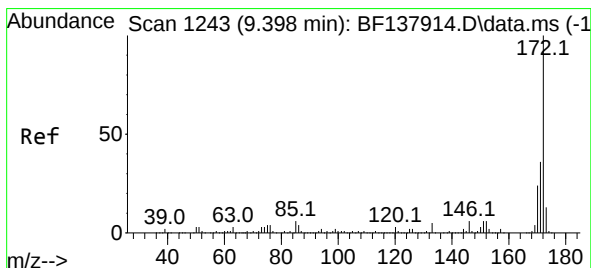
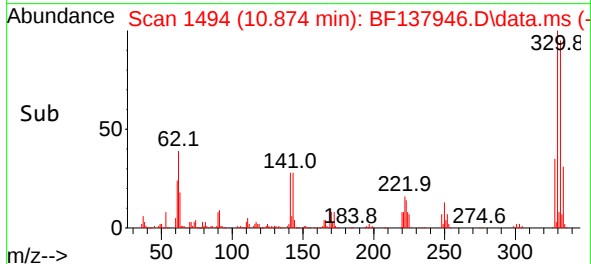
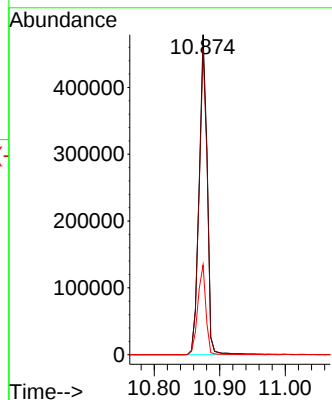


#42
2,4,6-Tribromophenol
Concen: 140.468 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Instrument :
BNA_F
ClientSampleId :
TP-16

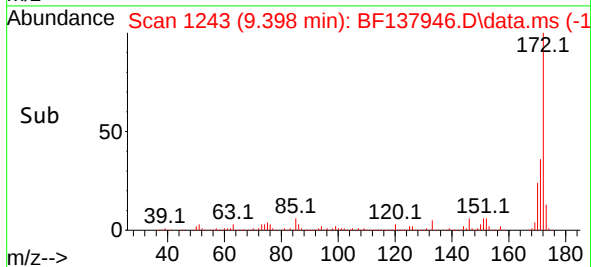
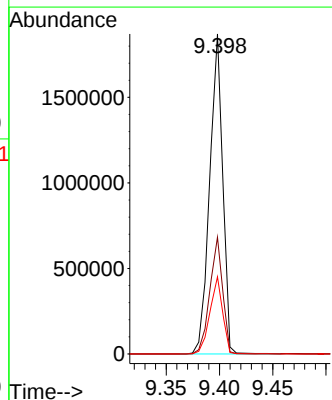
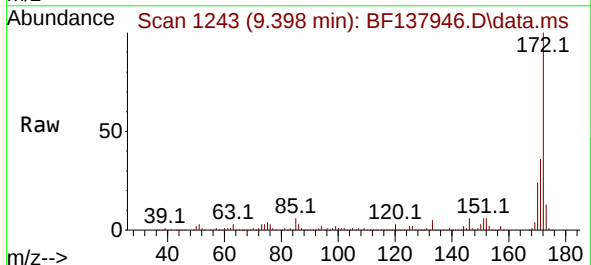


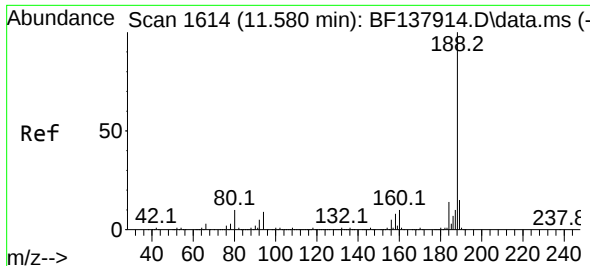
Tgt Ion:330 Resp: 412990
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 28.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 84.649 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion:172 Resp: 1602384
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.1 18.9 28.3

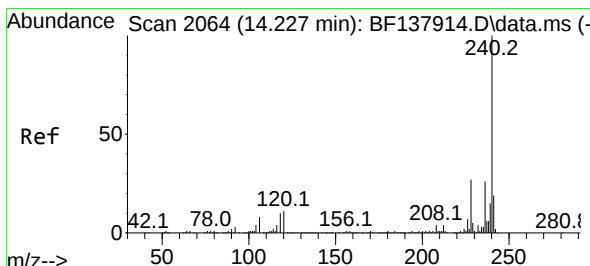
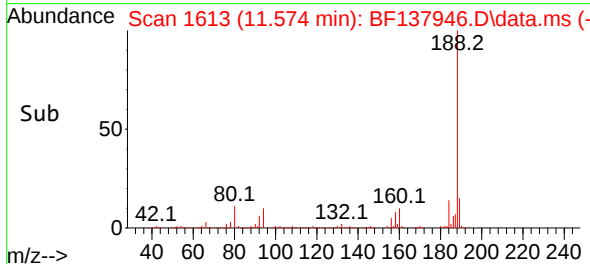
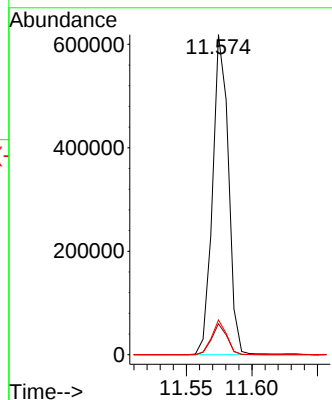
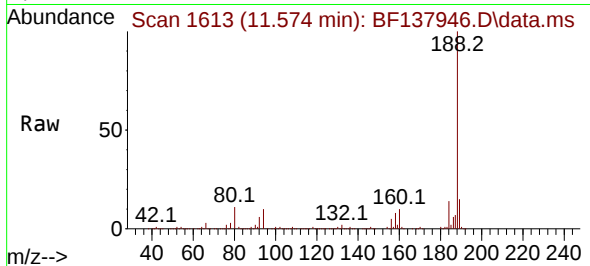




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

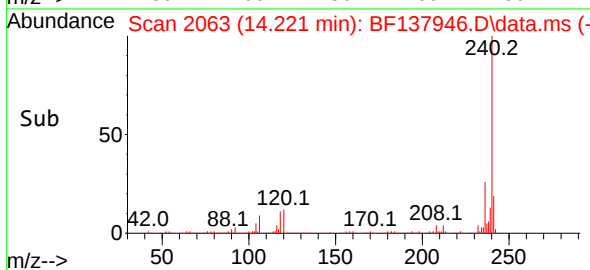
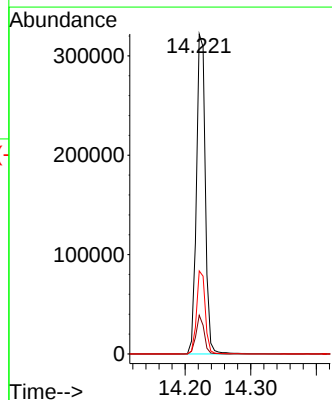
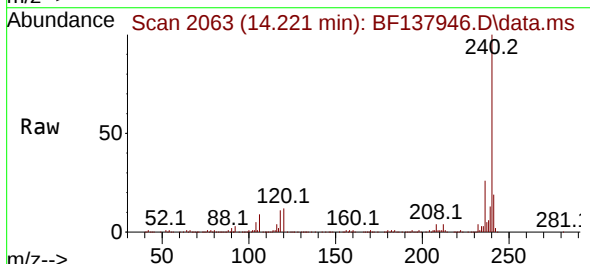
Instrument :
BNA_F
ClientSampleId :
TP-16

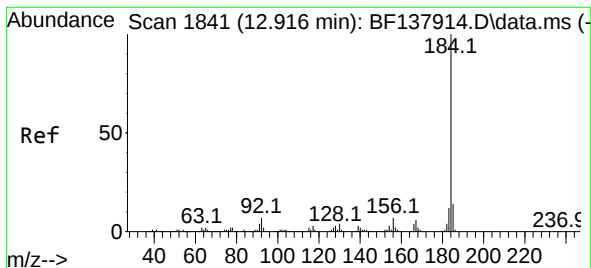
Tgt Ion:188 Resp: 520360
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion:240 Resp: 303720
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.0 21.0 31.4





#77

Benzidine

Concen: 327.389 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.005 min

Lab File: BF137946.D

Acq: 17 May 2024 22:12

Instrument :

BNA_F

ClientSampleId :

TP-16

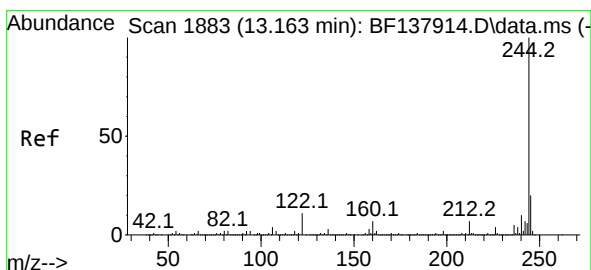
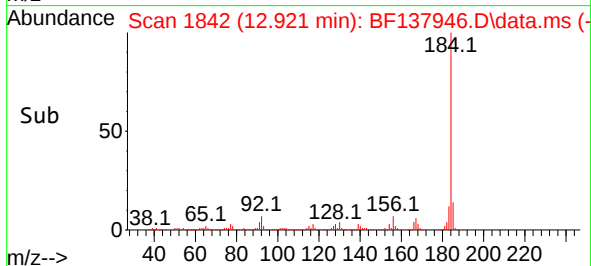
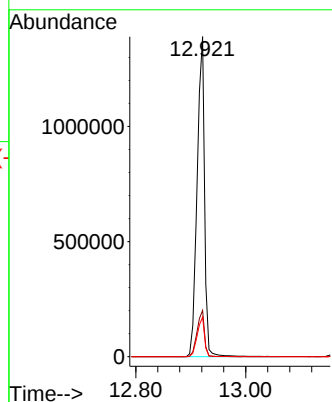
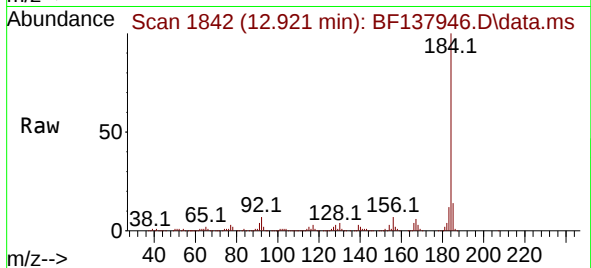
Tgt Ion:184 Resp: 1299503

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 12.3 9.5 14.3



#79

Terphenyl-d14

Concen: 90.191 ng

RT: 13.168 min Scan# 1884

Delta R.T. 0.006 min

Lab File: BF137946.D

Acq: 17 May 2024 22:12

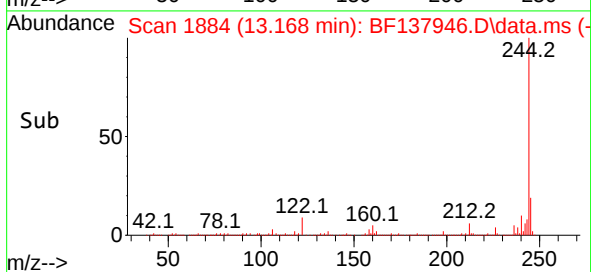
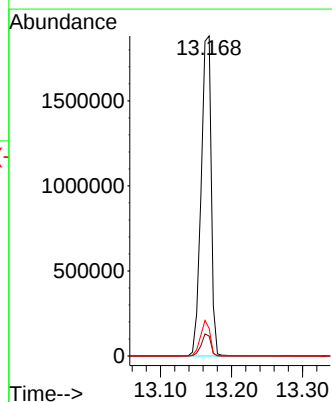
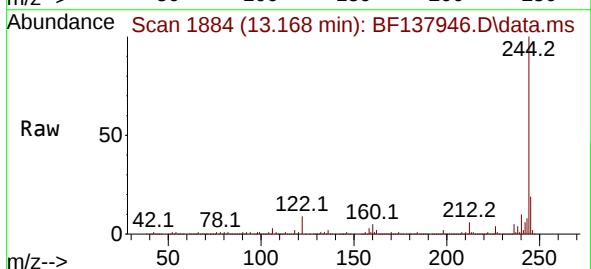
Tgt Ion:244 Resp: 1858642

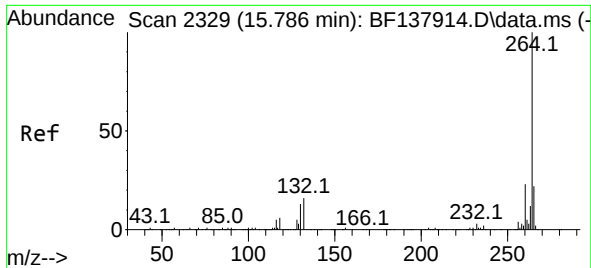
Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 8.6 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Instrument :
BNA_F
ClientSampleId :
TP-16

Tgt Ion:264 Resp: 332315
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 21.3 17.6 26.4

