

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141911.D
 Acq On : 11 Mar 2025 12:21
 Operator : RC/JU
 Sample : PB167045BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167045BL

Quant Time: Mar 11 12:49:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	195741	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	776101	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	456846	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	870760	20.000	ng	0.00
76) Chrysene-d12	14.033	240	593256	20.000	ng	0.00
86) Perylene-d12	15.504	264	436559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1550751	132.223	ng	0.01
7) Phenol-d6	6.498	99	1924129	128.853	ng	0.00
23) Nitrobenzene-d5	7.439	82	1293878	93.820	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	872593	150.559	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2710664	90.236	ng	0.00
79) Terphenyl-d14	12.992	244	3845965	95.845	ng	0.00

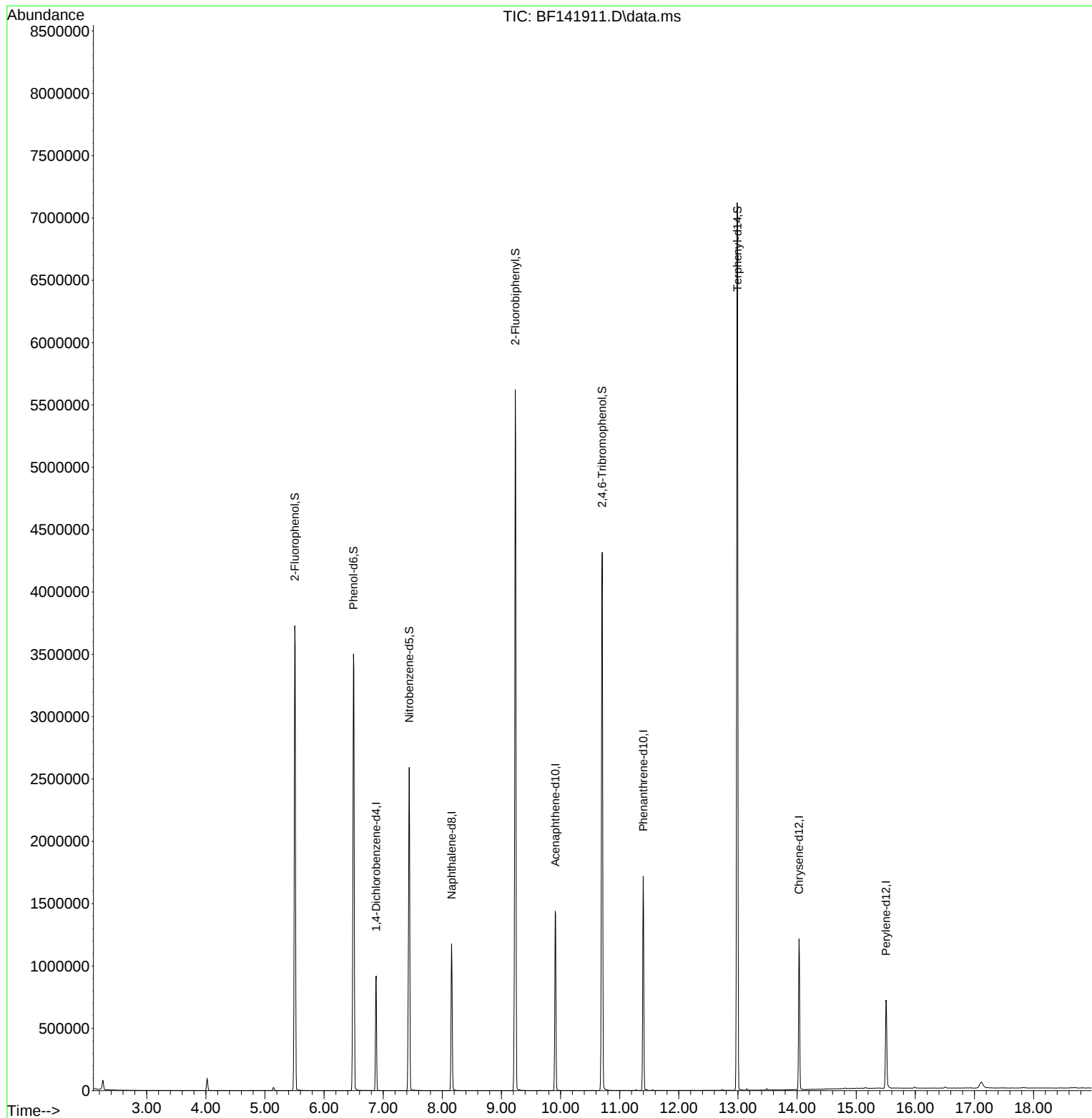
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
Data File : BF141911.D
Acq On : 11 Mar 2025 12:21
Operator : RC/JU
Sample : PB167045BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167045BL

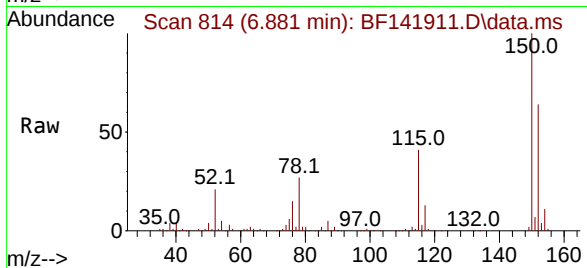
Quant Time: Mar 11 12:49:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



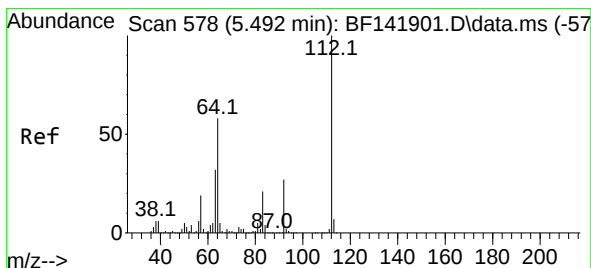
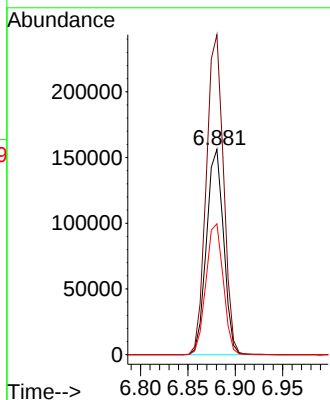
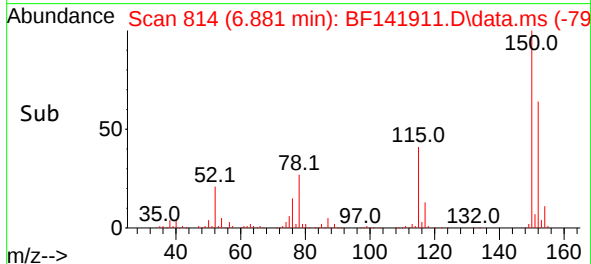


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141911.D
Acq: 11 Mar 2025 12:21

Instrument :
BNA_F
ClientSampleId :
PB167045BL

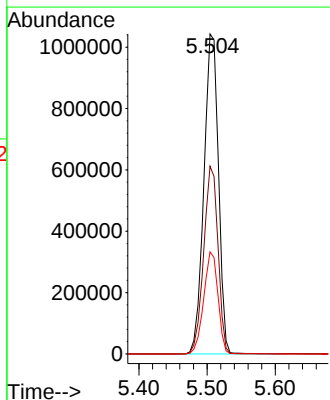
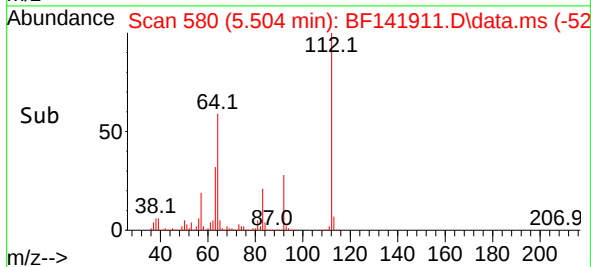
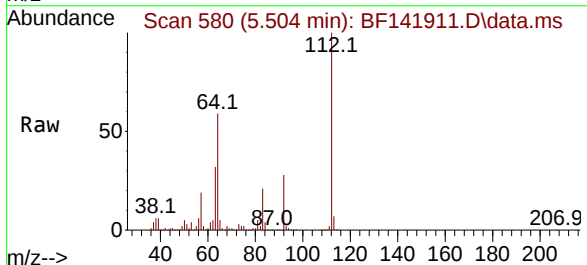


Tgt Ion:152 Resp: 195741
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.2
115 63.7 51.9 77.9



#5
2-Fluorophenol
Concen: 132.223 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141911.D
Acq: 11 Mar 2025 12:21

Tgt Ion:112 Resp: 1550751
Ion Ratio Lower Upper
112 100
64 58.7 46.5 69.7
63 31.9 25.4 38.2

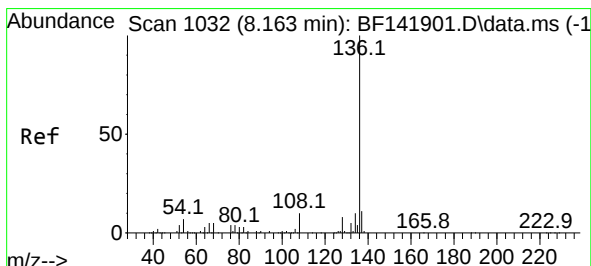
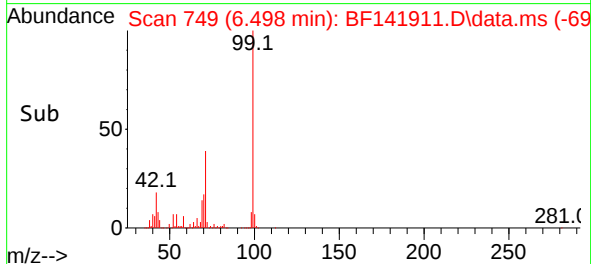
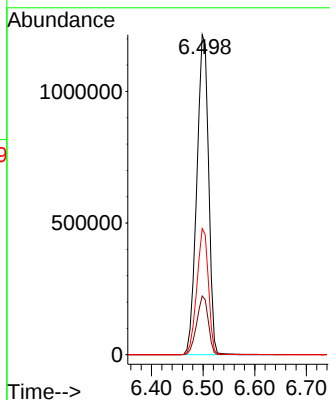
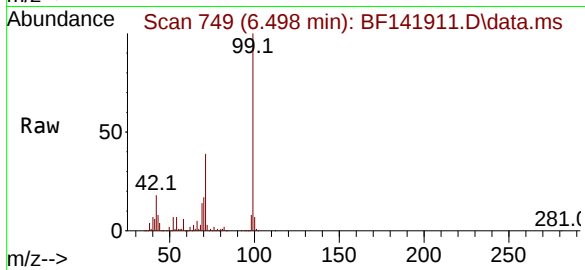




#7
Phenol-d6
Concen: 128.853 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141911.D
Acq: 11 Mar 2025 12:21

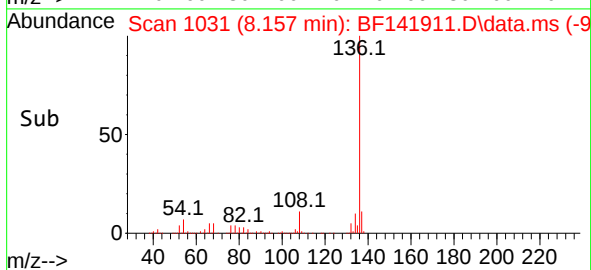
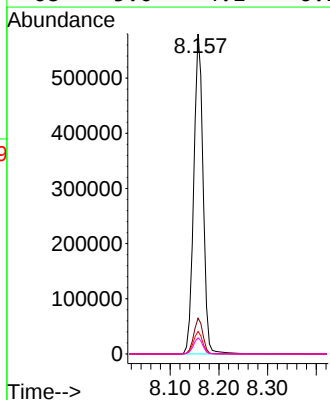
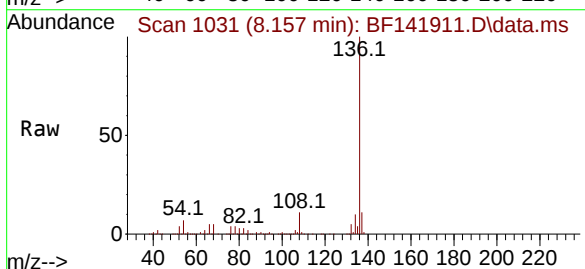
Instrument :
BNA_F
ClientSampleId :
PB167045BL

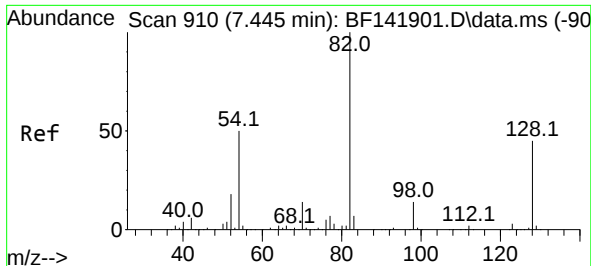
Tgt Ion: 99 Resp: 1924129
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 39.4 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141911.D
Acq: 11 Mar 2025 12:21

Tgt Ion:136 Resp: 776101
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.8 8.8
68 5.0 4.1 6.1

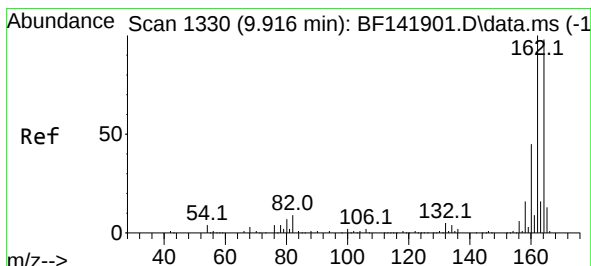
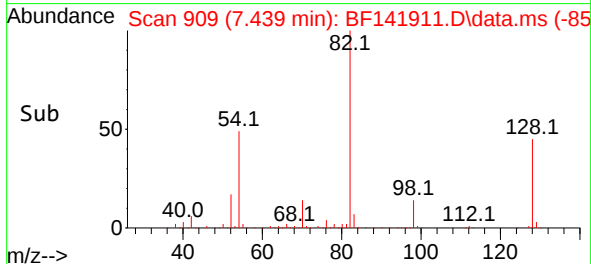
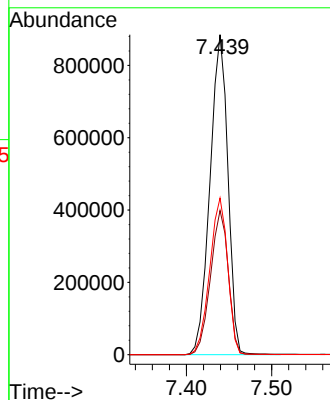
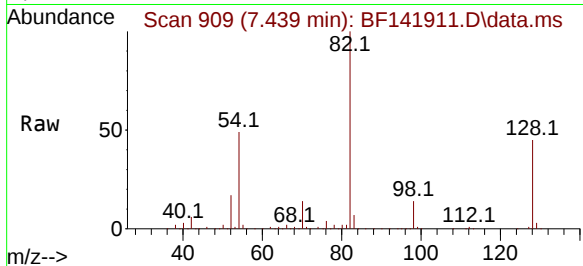




#23
 Nitrobenzene-d5
 Concen: 93.820 ng
 RT: 7.439 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BF141911.D
 Acq: 11 Mar 2025 12:21

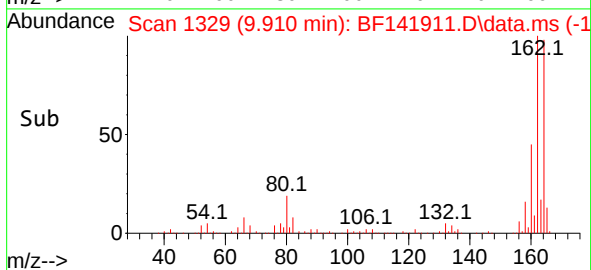
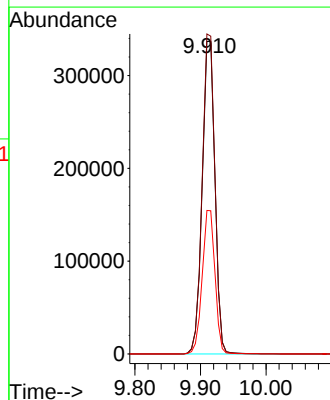
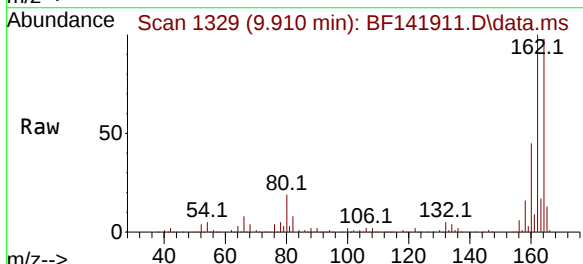
Instrument :
 BNA_F
 ClientSampleId :
 PB167045BL

Tgt Ion: 82 Resp: 1293878
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.0 54.0
 54 48.9 39.6 59.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF141911.D
 Acq: 11 Mar 2025 12:21

Tgt Ion:164 Resp: 456846
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.8 122.6
 160 45.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 150.559 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF141911.D

Acq: 11 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB167045BL

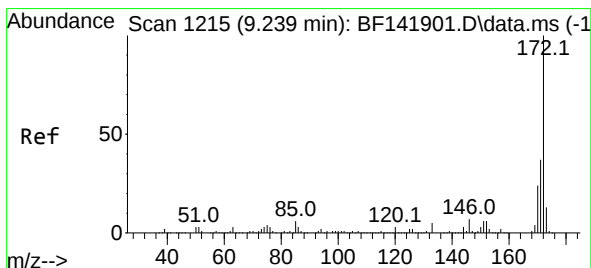
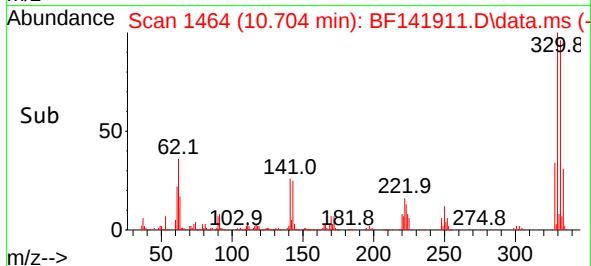
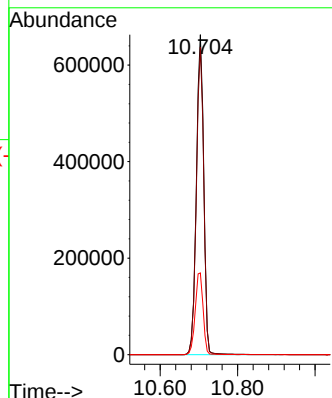
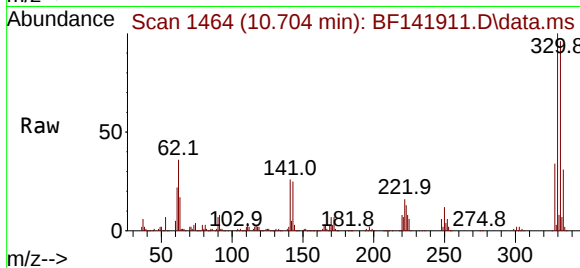
Tgt Ion:330 Resp: 872593

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 27.5 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 90.236 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141911.D

Acq: 11 Mar 2025 12:21

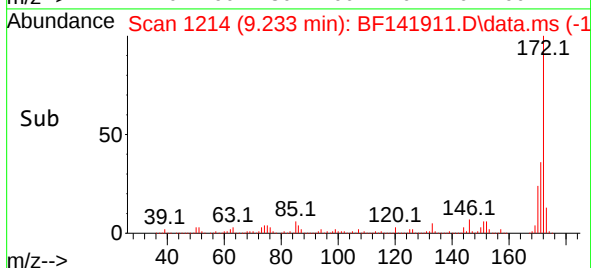
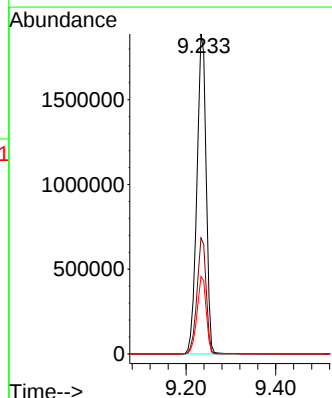
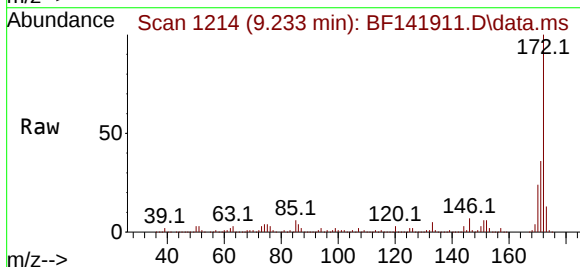
Tgt Ion:172 Resp: 2710664

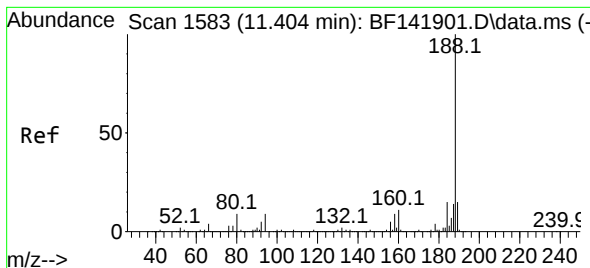
Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

170 24.2 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141911.D

Acq: 11 Mar 2025 12:21

Instrument :

BNA_F

ClientSampleId :

PB167045BL

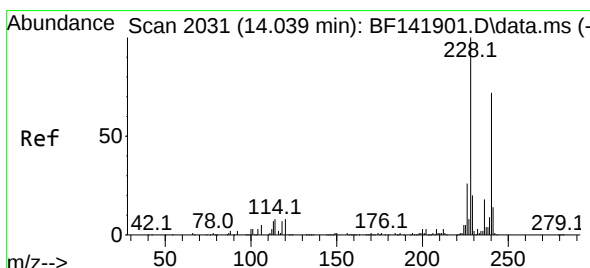
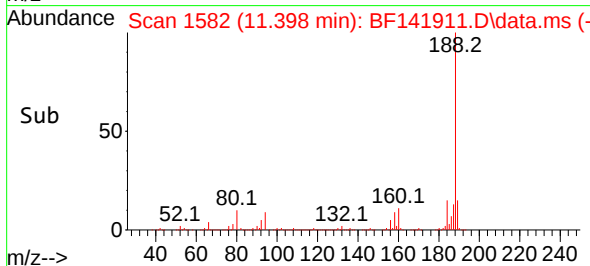
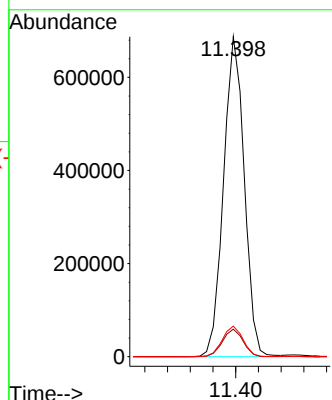
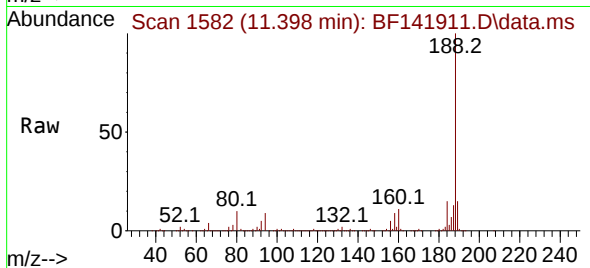
Tgt Ion:188 Resp: 870760

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.6 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF141911.D

Acq: 11 Mar 2025 12:21

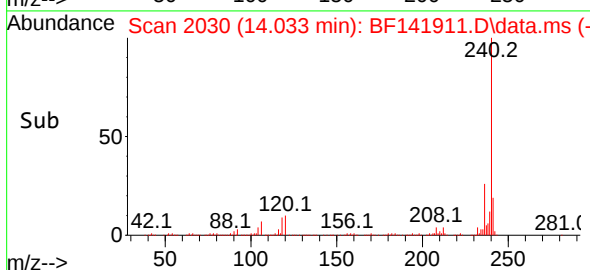
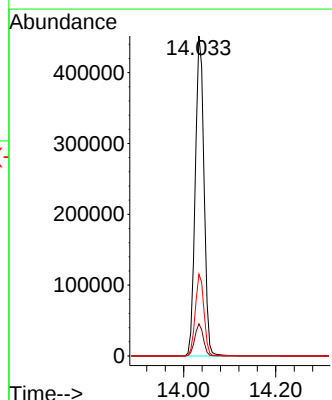
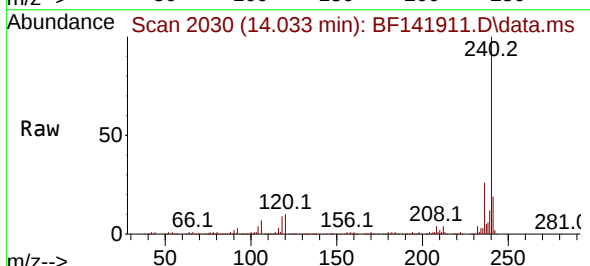
Tgt Ion:240 Resp: 593256

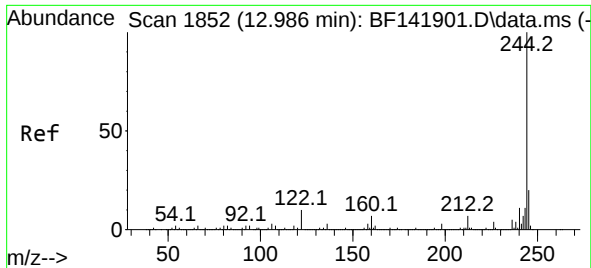
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

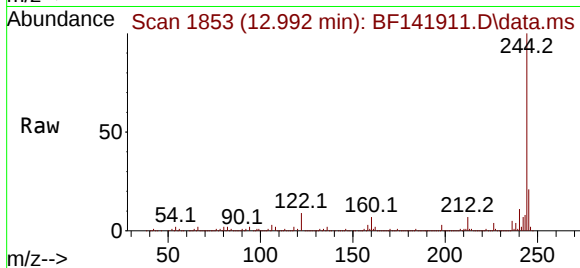
236 25.6 20.5 30.7



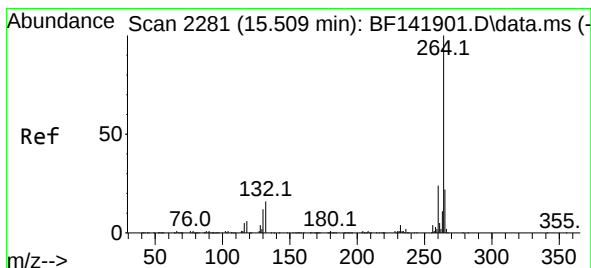
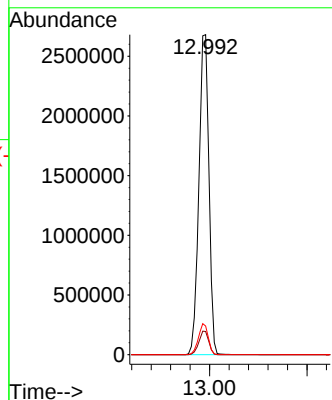
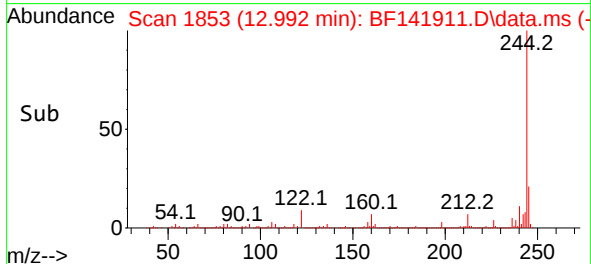


#79
 Terphenyl-d14
 Concen: 95.845 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: BF141911.D
 Acq: 11 Mar 2025 12:21

Instrument :
 BNA_F
 ClientSampleId :
 PB167045BL



Tgt Ion:244 Resp: 3845965
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF141911.D
 Acq: 11 Mar 2025 12:21

Tgt Ion:264 Resp: 436559
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.7 17.5 26.3

