

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142226.D
 Acq On : 23 Apr 2025 15:08
 Operator : RC/JU
 Sample : PB167694BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167694BL

Quant Time: Apr 23 15:57:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 23 14:53:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	445538	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	1711714	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	968615	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1759962	20.000	ng	0.00
76) Chrysene-d12	14.016	240	1288402	20.000	ng	0.00
86) Perylene-d12	15.486	264	1077392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	3000099	114.758	ng	0.01
7) Phenol-d6	6.487	99	3550295	110.805	ng	0.00
23) Nitrobenzene-d5	7.422	82	2345360	81.636	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	1684967	124.099	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	4913575	81.628	ng	0.00
79) Terphenyl-d14	12.969	244	6085001	76.761	ng	0.00

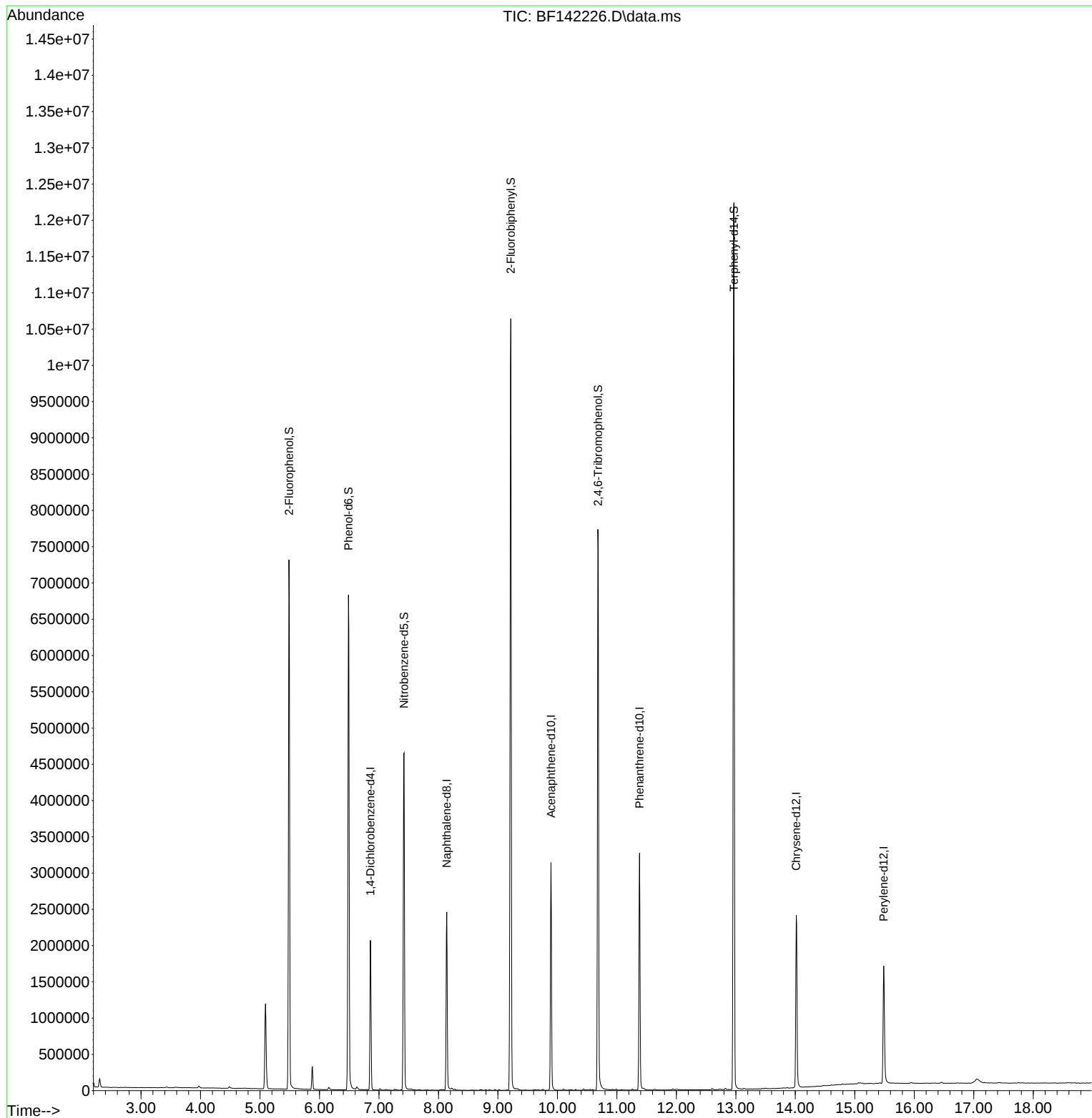
Target Compounds	Qvalue

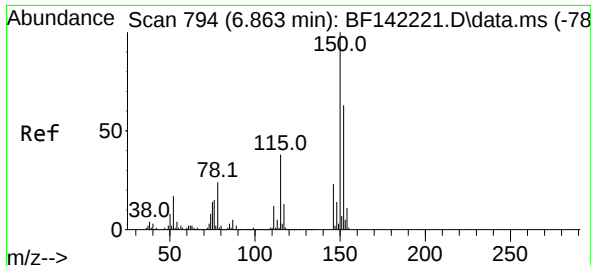
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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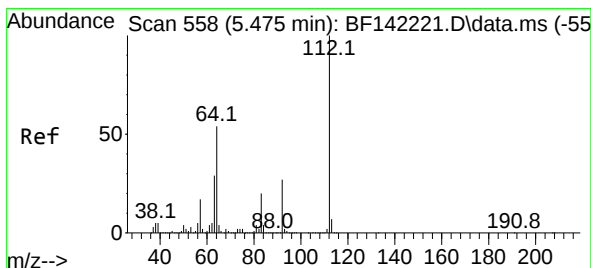
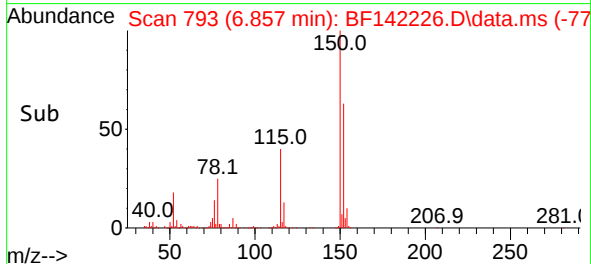
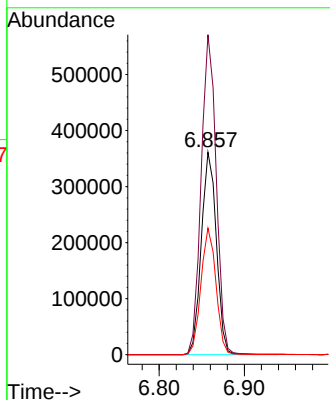
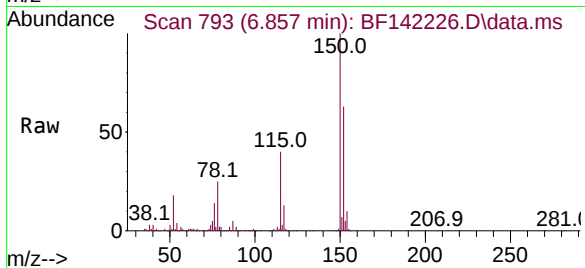




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

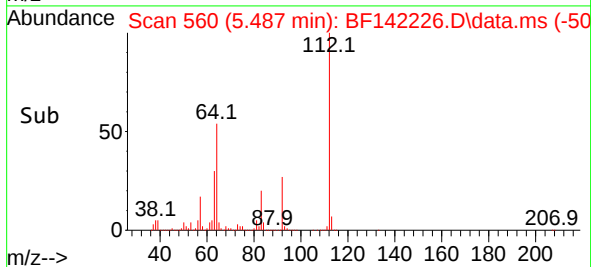
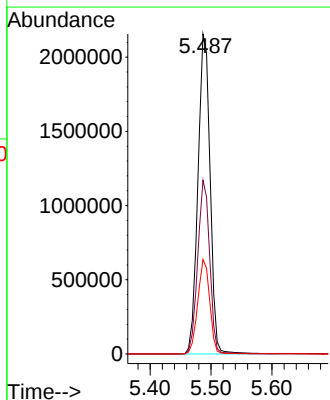
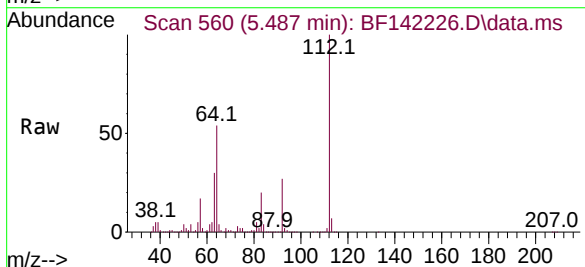
Instrument :
BNA_F
ClientSampleId :
PB167694BL

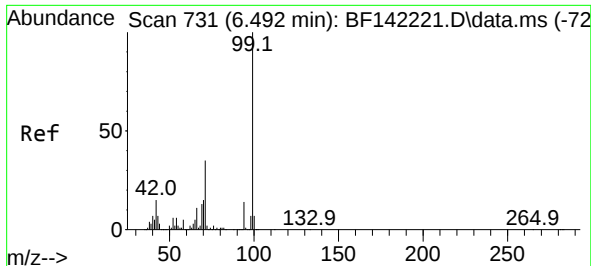
Tgt Ion:152 Resp: 445538
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 62.5 48.5 72.7



#5
2-Fluorophenol
Concen: 114.758 ng
RT: 5.487 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

Tgt Ion:112 Resp: 3000099
Ion Ratio Lower Upper
112 100
64 54.2 43.1 64.7
63 29.5 23.1 34.7

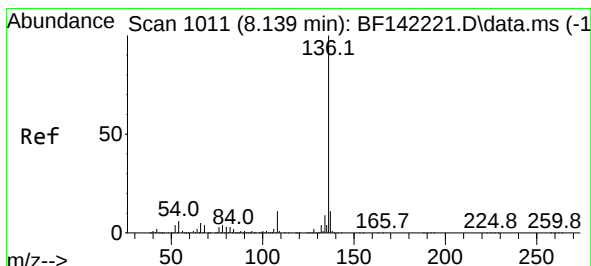
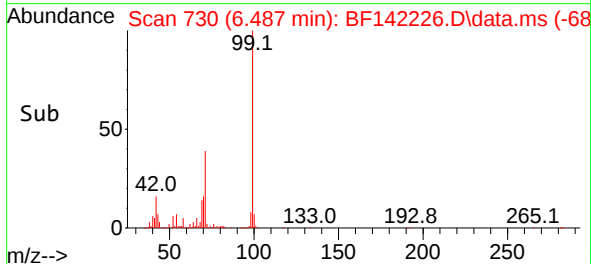
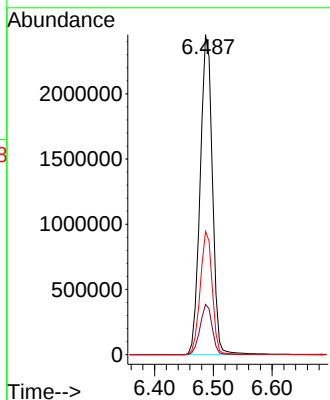
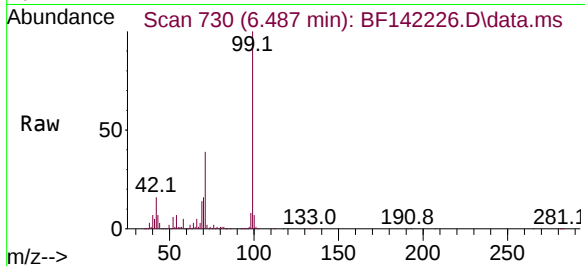




#7
Phenol-d6
Concen: 110.805 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

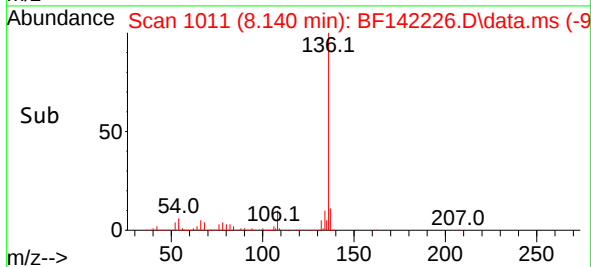
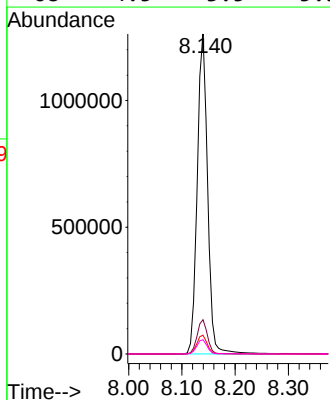
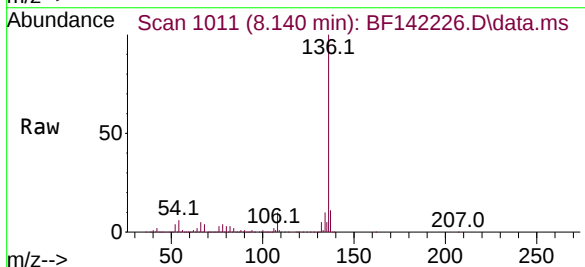
Instrument :
BNA_F
ClientSampleId :
PB167694BL

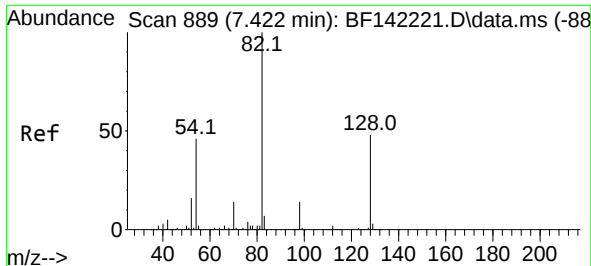
Tgt Ion: 99 Resp: 3550295
Ion Ratio Lower Upper
99 100
42 15.7 12.0 18.0
71 38.6 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

Tgt Ion:136 Resp: 1711714
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 5.9 4.7 7.1
68 4.5 3.5 5.3

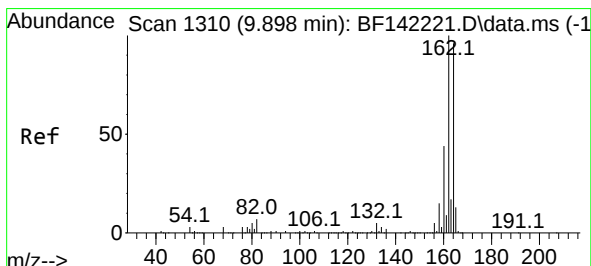
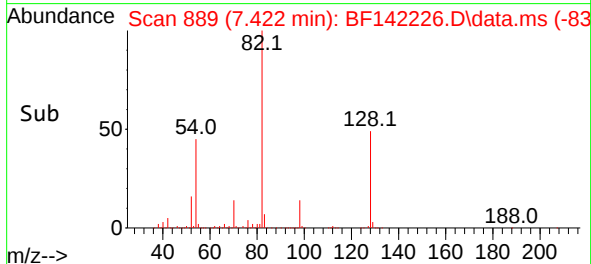
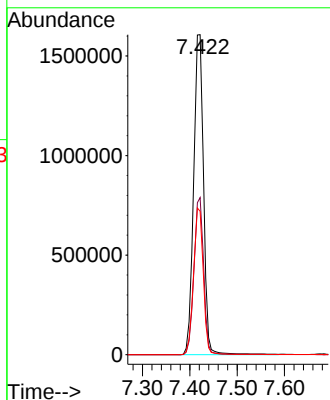
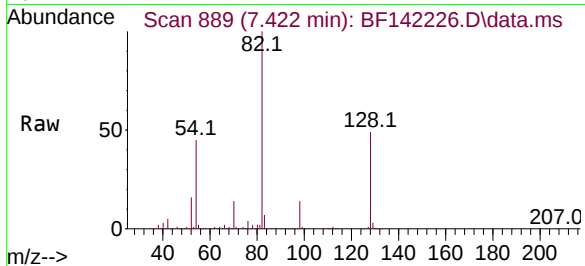




#23
 Nitrobenzene-d5
 Concen: 81.636 ng
 RT: 7.422 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF142226.D
 Acq: 23 Apr 2025 15:08

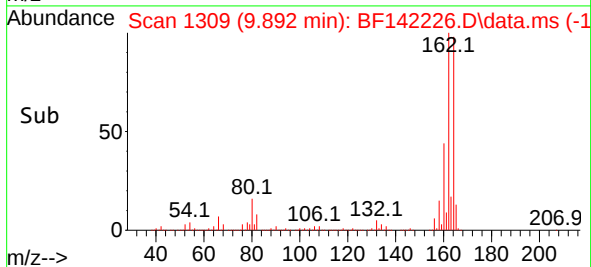
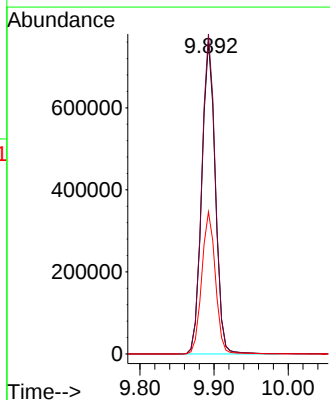
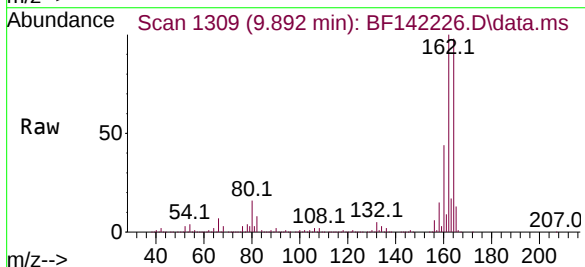
Instrument :
 BNA_F
 ClientSampleId :
 PB167694BL

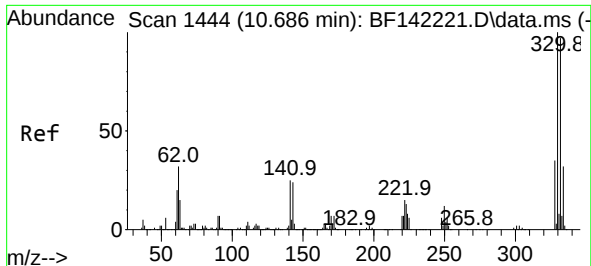
Tgt Ion: 82 Resp: 2345360
 Ion Ratio Lower Upper
 82 100
 128 49.1 38.3 57.5
 54 44.8 36.4 54.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.892 min Scan# 1309
 Delta R.T. -0.006 min
 Lab File: BF142226.D
 Acq: 23 Apr 2025 15:08

Tgt Ion: 164 Resp: 968615
 Ion Ratio Lower Upper
 164 100
 162 102.5 83.0 124.6
 160 45.5 36.5 54.7

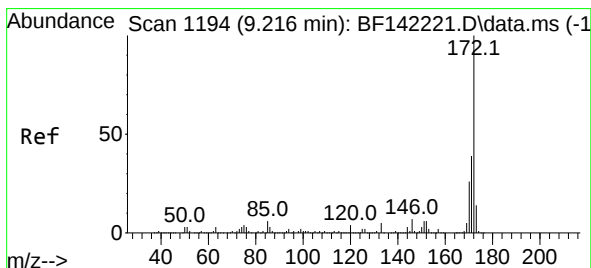
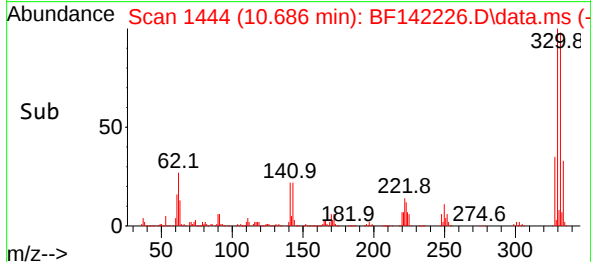
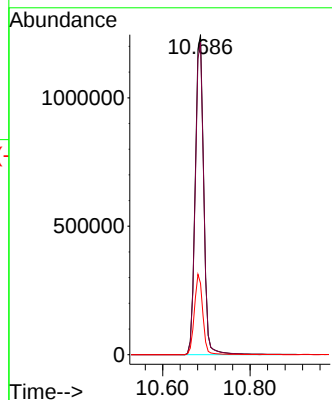
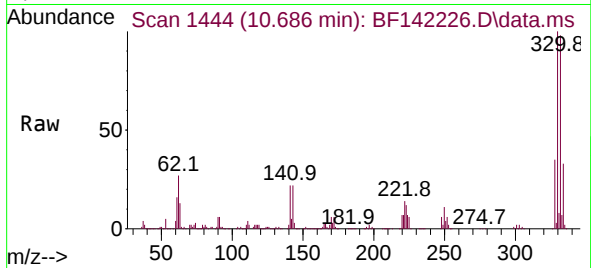




#42
2,4,6-Tribromophenol
Concen: 124.099 ng
RT: 10.686 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

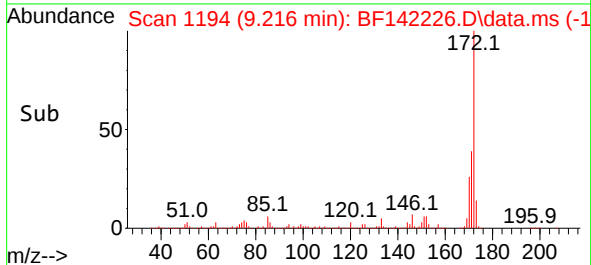
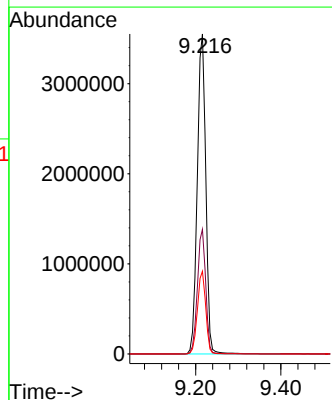
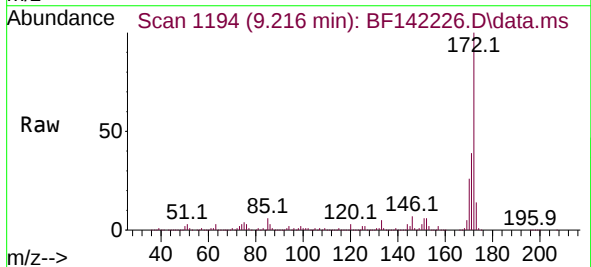
Instrument :
BNA_F
ClientSampleId :
PB167694BL

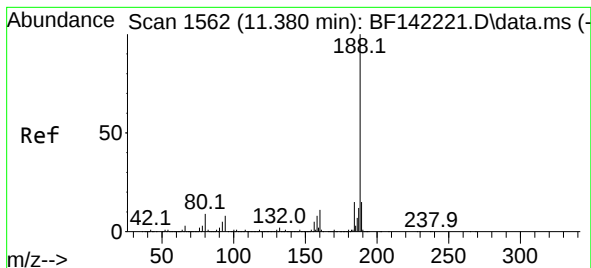
Tgt Ion:330 Resp: 1684967
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 24.9 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 81.628 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

Tgt Ion:172 Resp: 4913575
Ion Ratio Lower Upper
172 100
171 39.0 30.9 46.3
170 25.8 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142226.D

Acq: 23 Apr 2025 15:08

Instrument :

BNA_F

ClientSampleId :

PB167694BL

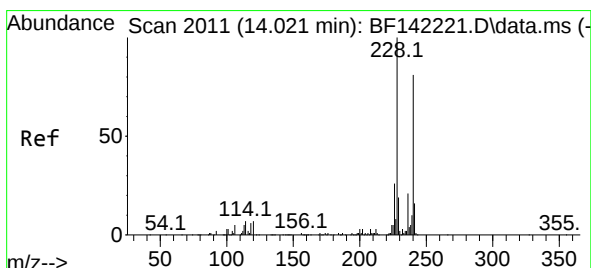
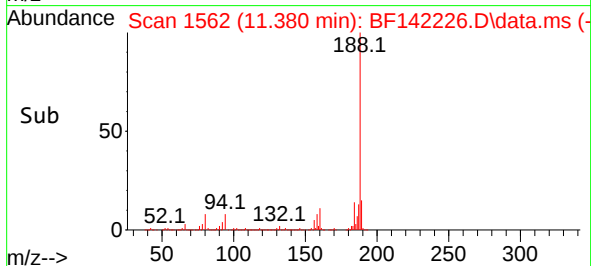
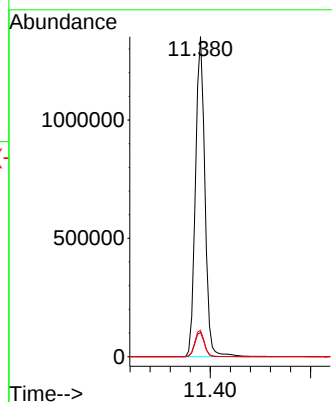
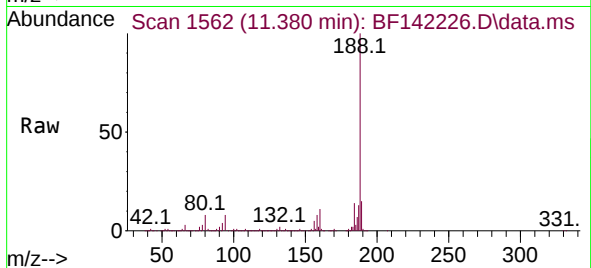
Tgt Ion:188 Resp: 1759962

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.3 7.0 10.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF142226.D

Acq: 23 Apr 2025 15:08

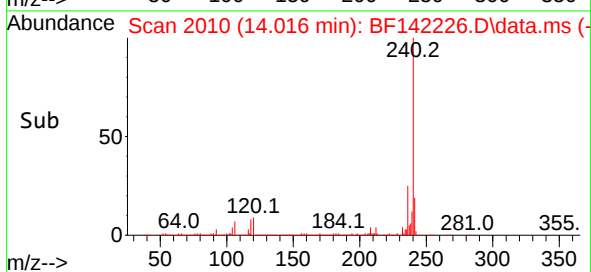
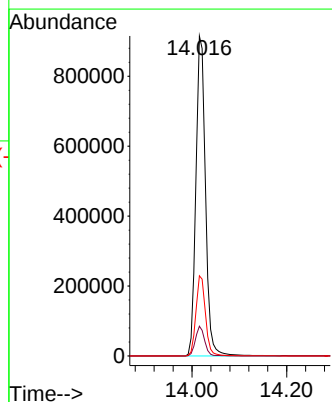
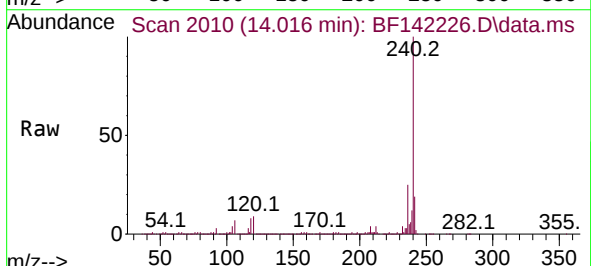
Tgt Ion:240 Resp: 1288402

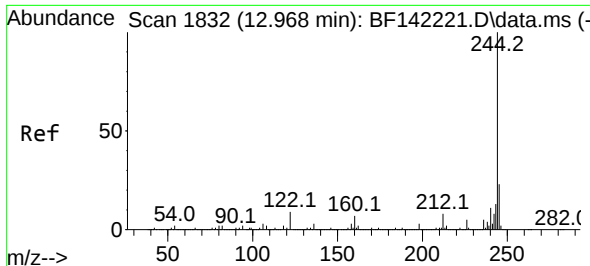
Ion Ratio Lower Upper

240 100

120 9.3 7.1 10.7

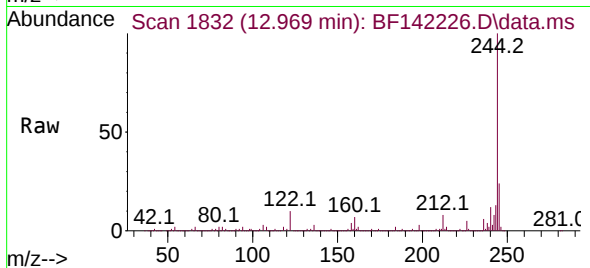
236 25.0 20.4 30.6



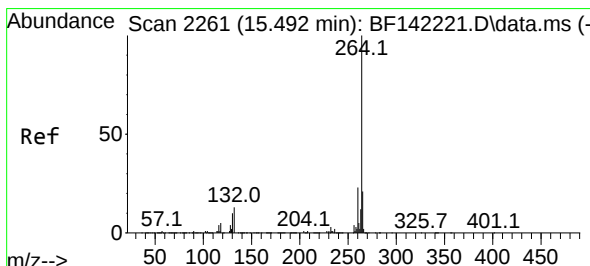
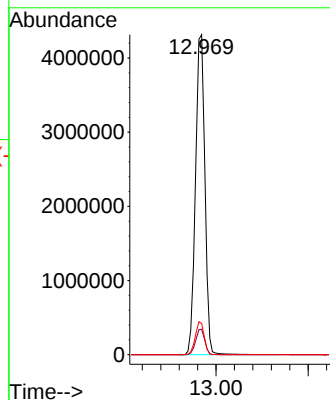
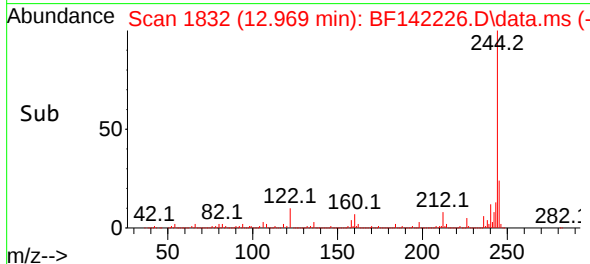


#79
 Terphenyl-d14
 Concen: 76.761 ng
 RT: 12.969 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF142226.D
 Acq: 23 Apr 2025 15:08

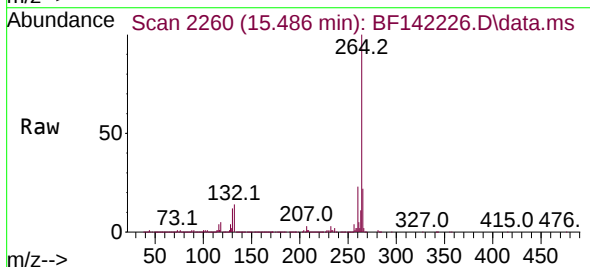
Instrument :
 BNA_F
 ClientSampleId :
 PB167694BL



Tgt Ion:244 Resp: 6085001
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.1 9.1
 122 9.7 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF142226.D
 Acq: 23 Apr 2025 15:08



Tgt Ion:264 Resp: 1077392
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 22.3 17.2 25.8

