

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142152.D
 Acq On : 28 Mar 2025 11:03
 Operator : RC/JU
 Sample : PB167359BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167359BL

Quant Time: Mar 28 11:45:46 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	6.869	152	133582	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	528606	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	309995	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	592517	20.000	ng	0.00
76) Chrysene-d12	14.033	240	358043	20.000	ng	0.00
86) Perylene-d12	15.510	264	262004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1141331	142.597	ng	0.00
7) Phenol-d6	6.498	99	1370833	134.518	ng	0.00
23) Nitrobenzene-d5	7.434	82	905449	96.395	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	651576	165.682	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1958386	96.077	ng	-0.01
79) Terphenyl-d14	12.986	244	2652109	109.513	ng	0.00

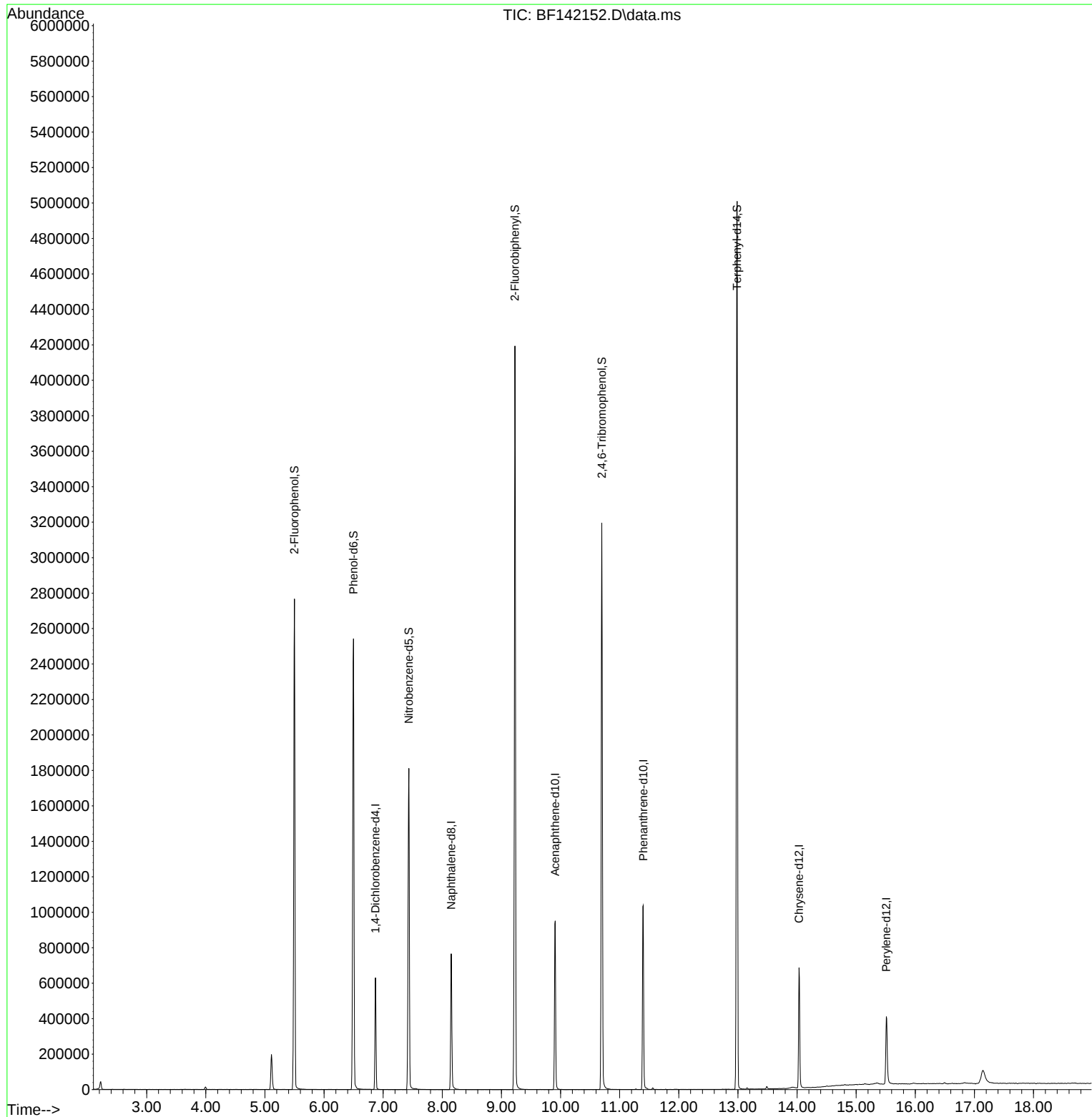
Target Compounds	Qvalue

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

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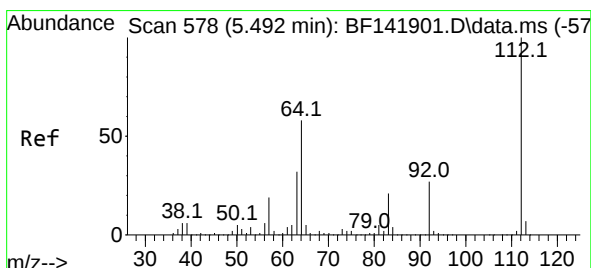
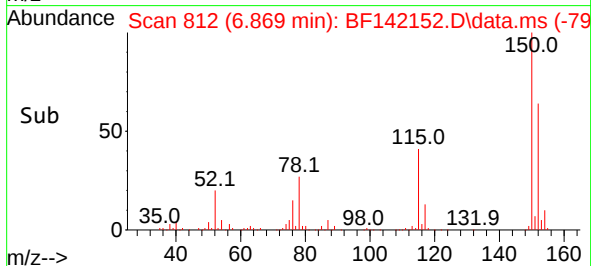
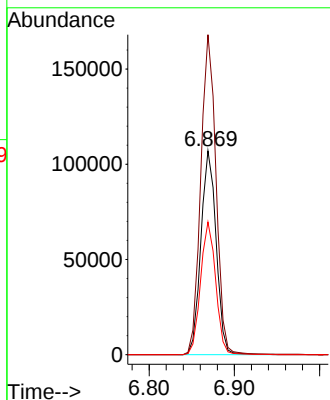
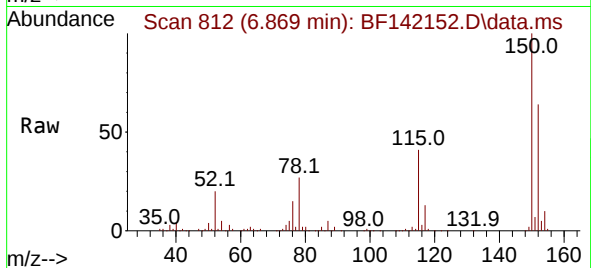




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

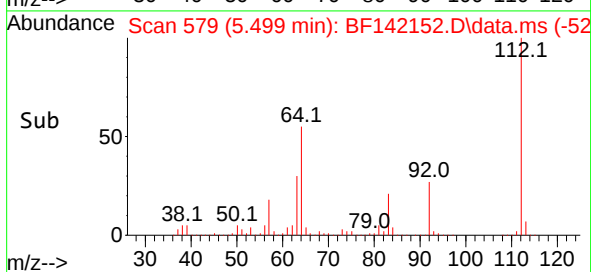
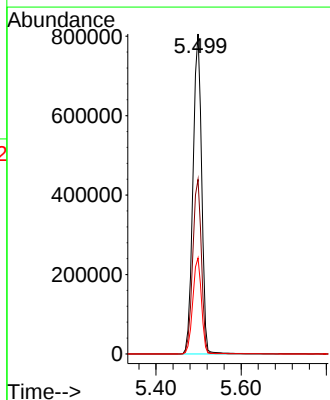
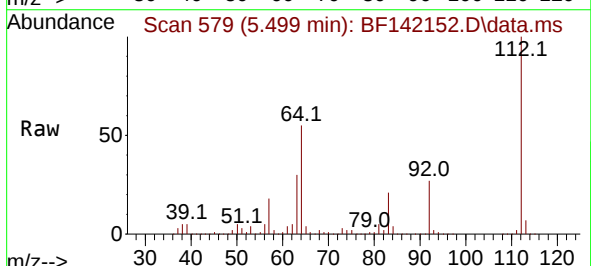
Instrument :
BNA_F
ClientSampleId :
PB167359BL

Tgt Ion:152 Resp: 133582
Ion Ratio Lower Upper
152 100
150 157.0 127.4 191.2
115 65.1 51.9 77.9



#5
2-Fluorophenol
Concen: 142.597 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

Tgt Ion:112 Resp: 1141331
Ion Ratio Lower Upper
112 100
64 54.5 46.5 69.7
63 30.0 25.4 38.2

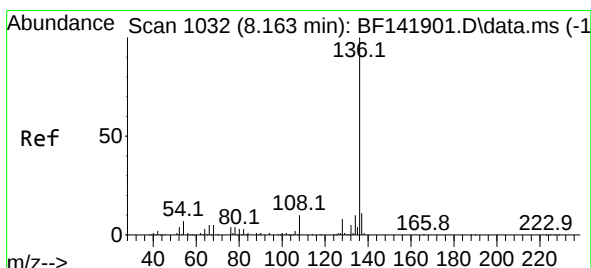
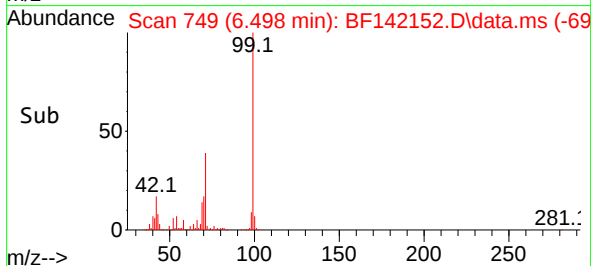
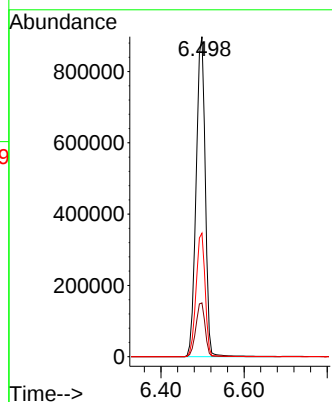
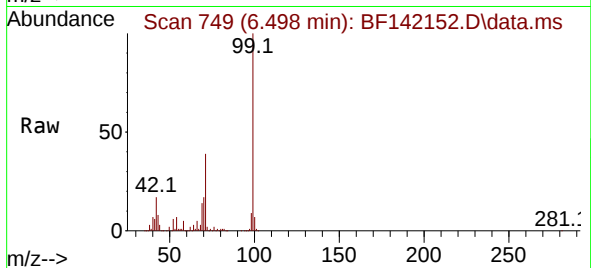




#7
Phenol-d6
Concen: 134.518 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

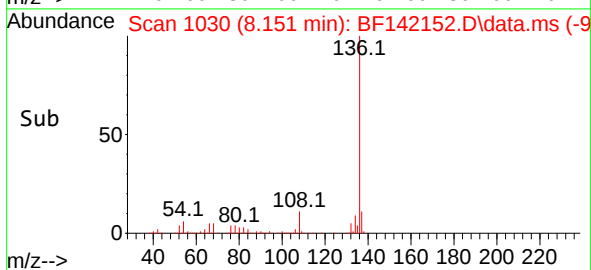
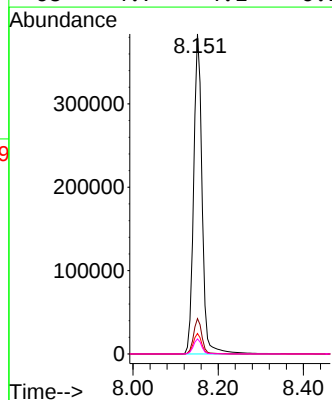
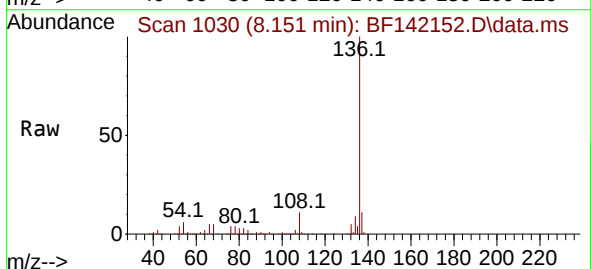
Instrument :
BNA_F
ClientSampleId :
PB167359BL

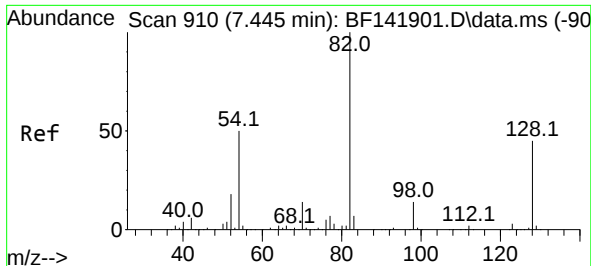
Tgt Ion: 99 Resp: 1370833
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 38.6 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

Tgt Ion:136 Resp: 528606
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 96.395 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142152.D

Acq: 28 Mar 2025 11:03

Instrument :

BNA_F

ClientSampleId :

PB167359BL

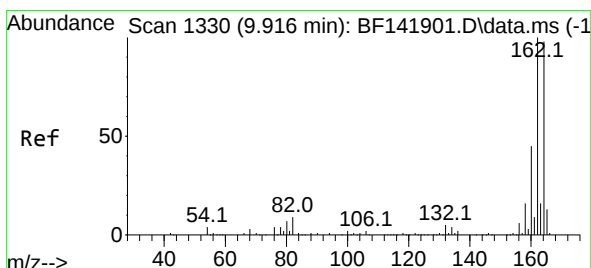
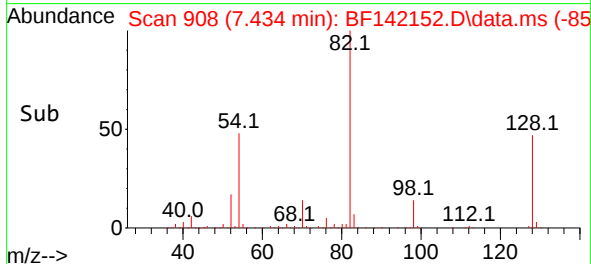
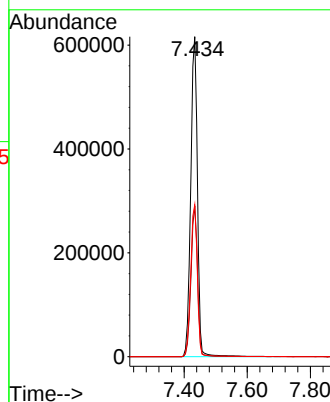
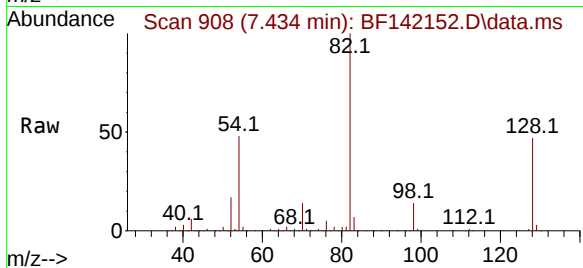
Tgt Ion: 82 Resp: 905449

Ion Ratio Lower Upper

82 100

128 47.1 36.0 54.0

54 47.5 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: BF142152.D

Acq: 28 Mar 2025 11:03

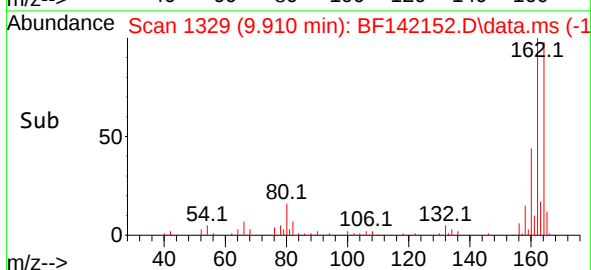
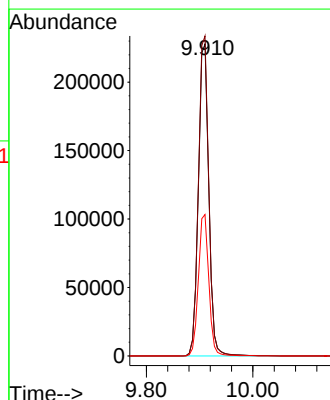
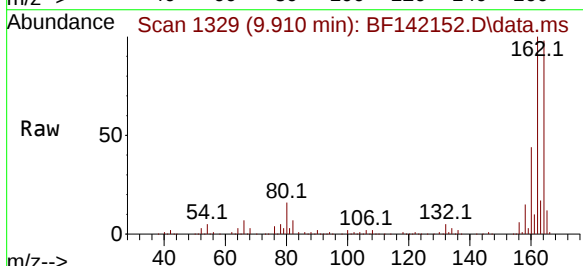
Tgt Ion:164 Resp: 309995

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 45.3 36.7 55.1

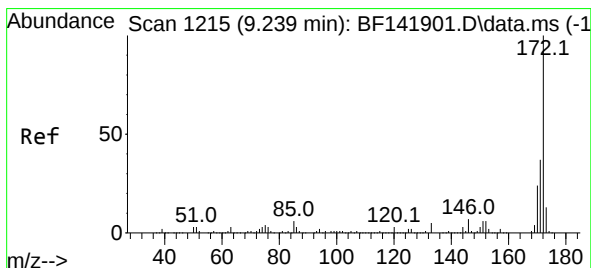
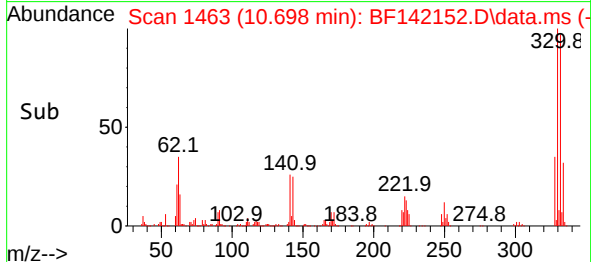
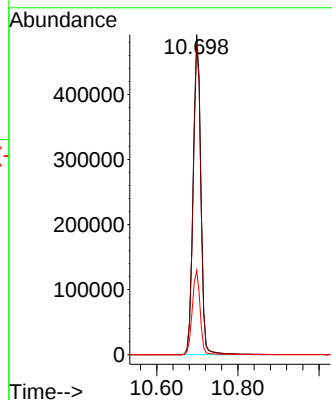
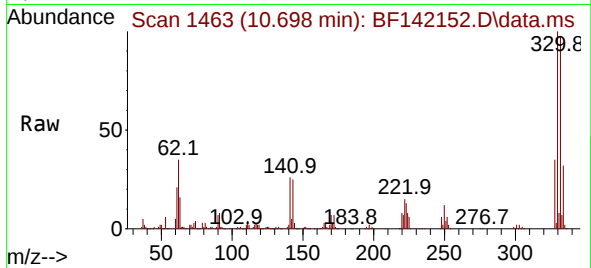




#42
2,4,6-Tribromophenol
Concen: 165.682 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

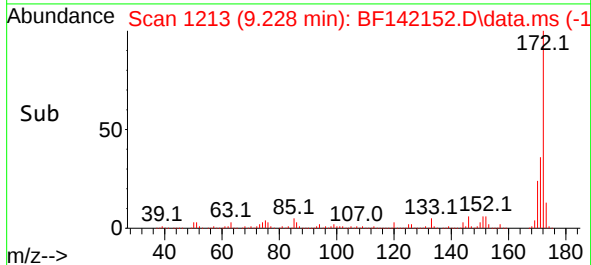
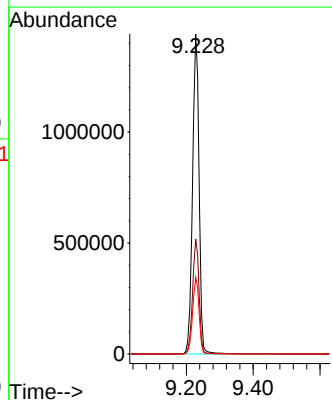
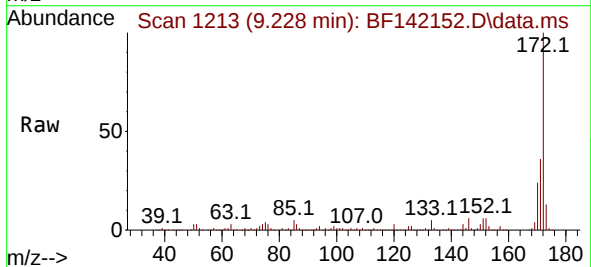
Instrument :
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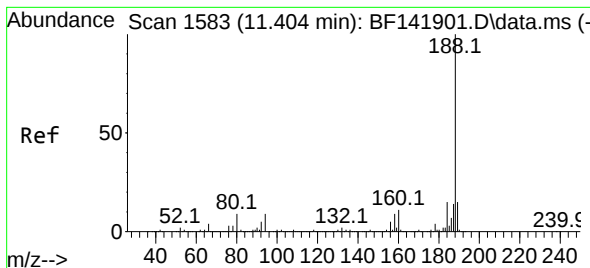
Tgt Ion:330 Resp: 651576
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 26.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 96.077 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142152.D
Acq: 28 Mar 2025 11:03

Tgt Ion:172 Resp: 1958386
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.9 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: BF142152.D

Acq: 28 Mar 2025 11:03

Instrument :

BNA_F

ClientSampleId :

PB167359BL

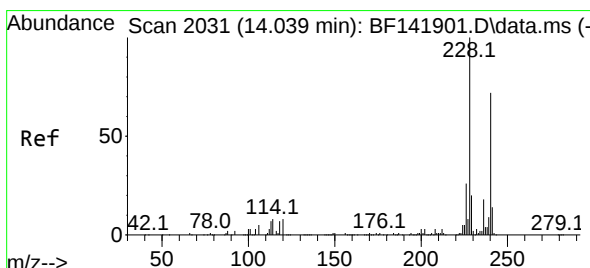
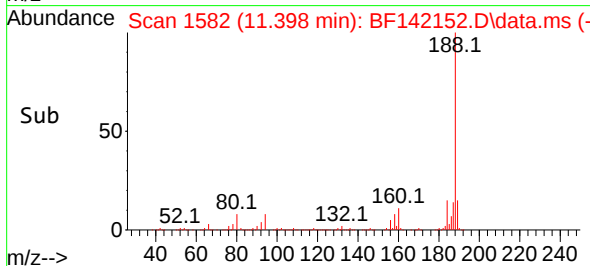
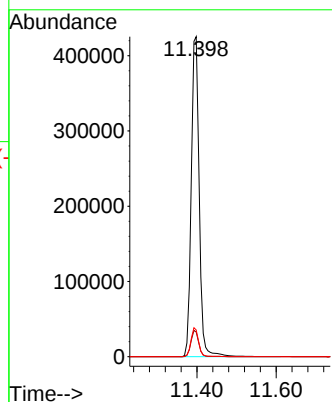
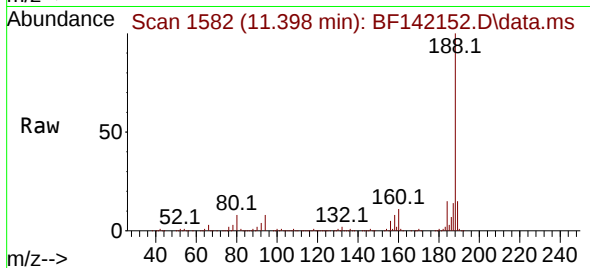
Tgt Ion:188 Resp: 592517

Ion Ratio Lower Upper

188 100

94 7.7 6.8 10.2

80 8.4 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: BF142152.D

Acq: 28 Mar 2025 11:03

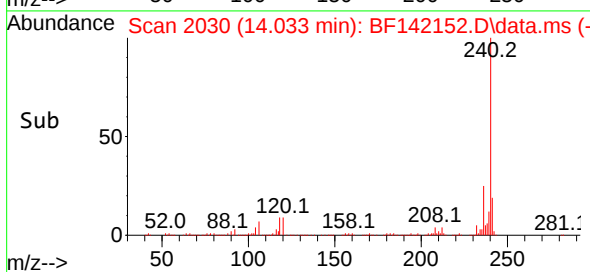
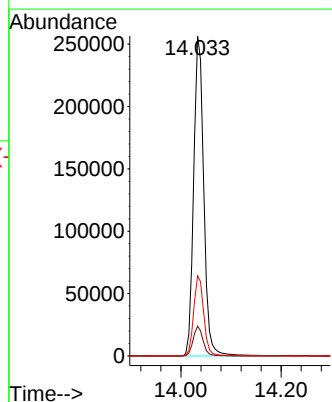
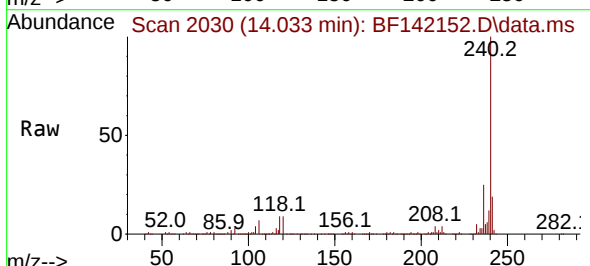
Tgt Ion:240 Resp: 358043

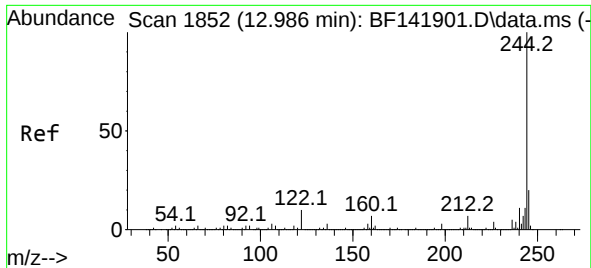
Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

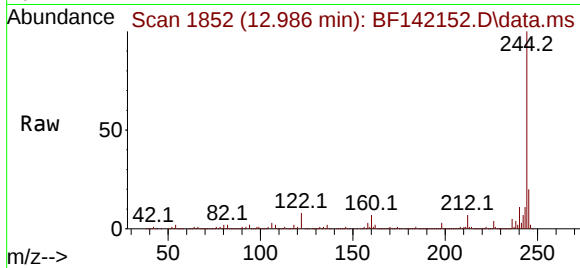
236 25.1 20.5 30.7



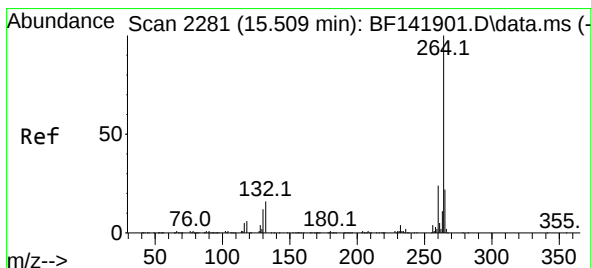
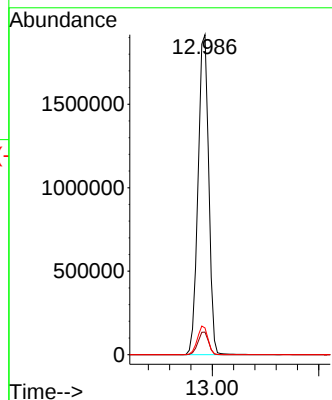
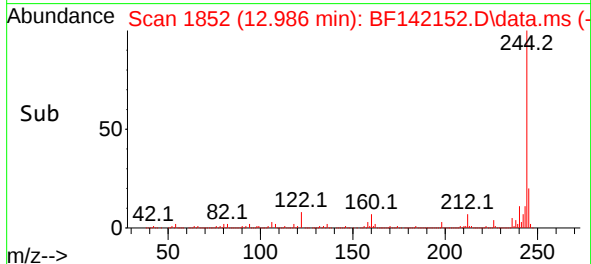


#79
 Terphenyl-d14
 Concen: 109.513 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF142152.D
 Acq: 28 Mar 2025 11:03

Instrument :
 BNA_F
 ClientSampleId :
 PB167359BL



Tgt Ion:244 Resp: 2652109
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.4 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142152.D
 Acq: 28 Mar 2025 11:03

Tgt Ion:264 Resp: 262004
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.2 17.5 26.3

