

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142733.D
 Acq On : 11 Jun 2025 14:21
 Operator : RC/JU
 Sample : Q2268-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20250605

Quant Time: Jun 11 15:02:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	56877	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	208595	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	105257	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	167256	20.000	ng	0.00
76) Chrysene-d12	14.068	240	135665	20.000	ng	0.00
86) Perylene-d12	15.562	264	154126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	187042	56.008	ng	0.00
7) Phenol-d6	6.510	99	128846	32.784	ng	-0.01
23) Nitrobenzene-d5	7.451	82	316144	82.945	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	136374	118.216	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	677554	85.521	ng	0.00
79) Terphenyl-d14	13.010	244	658313	66.646	ng	0.00

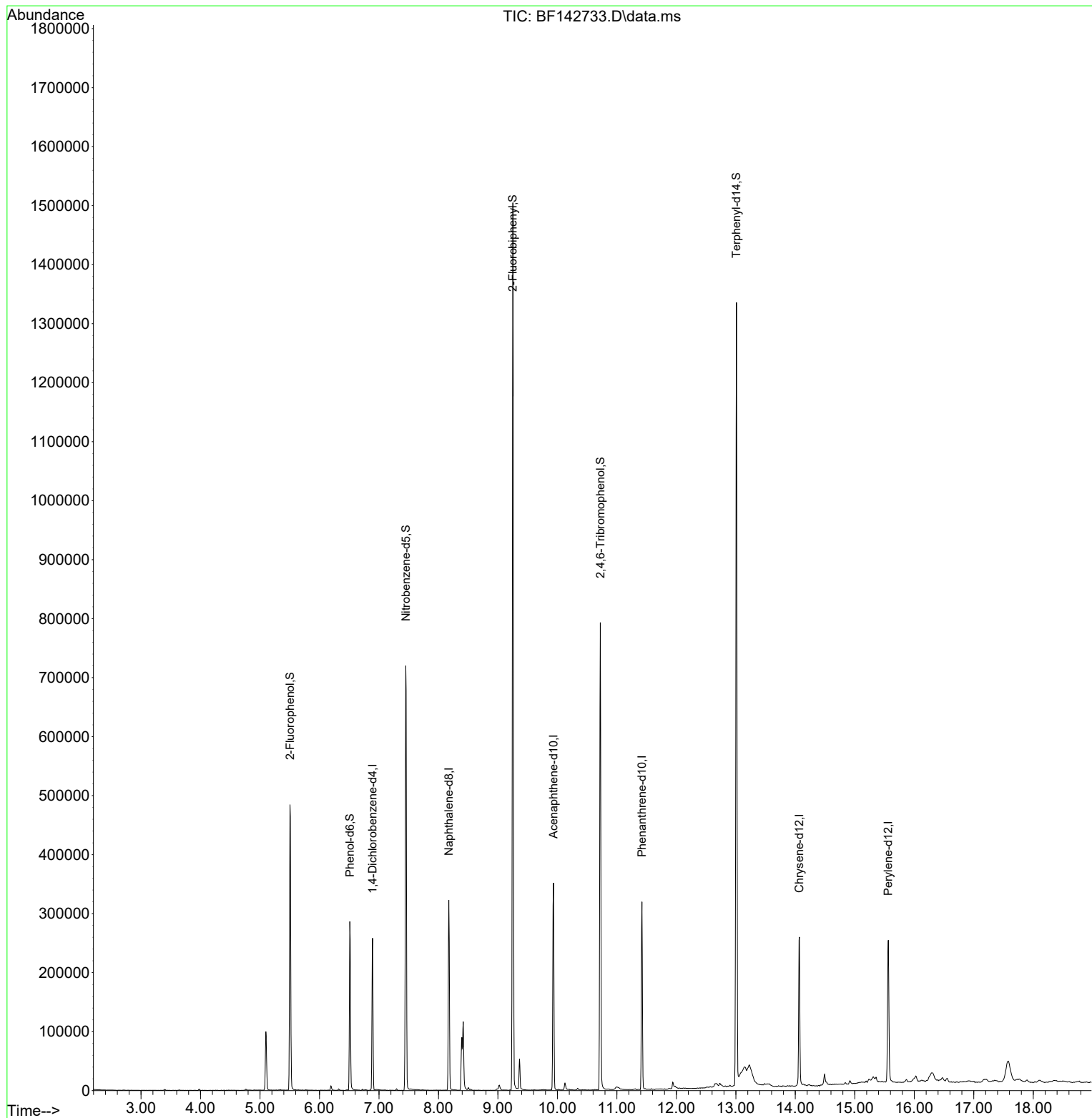
Target Compounds	Qvalue

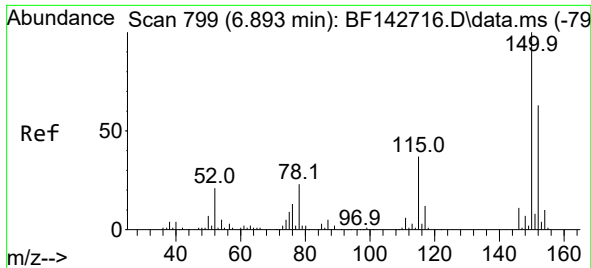
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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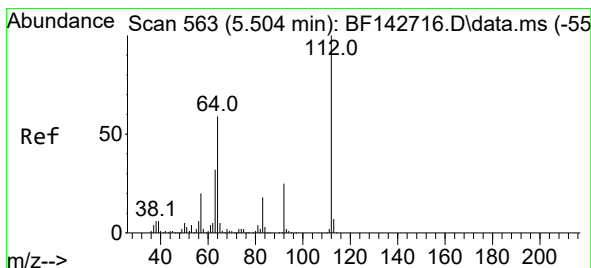
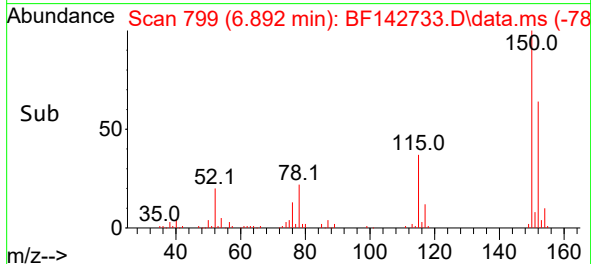
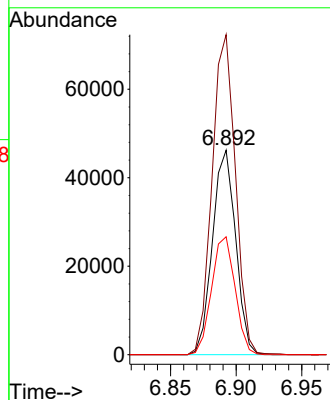
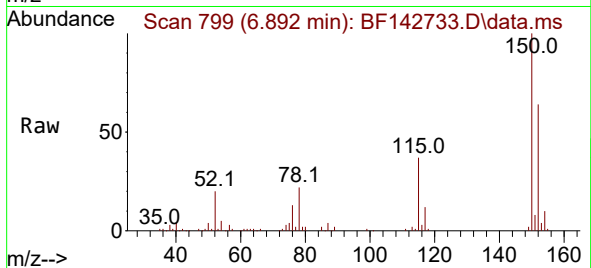




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

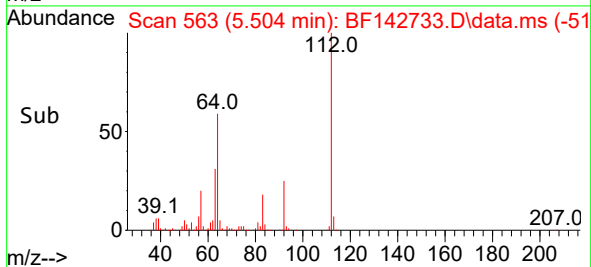
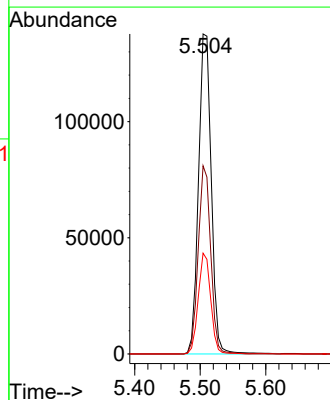
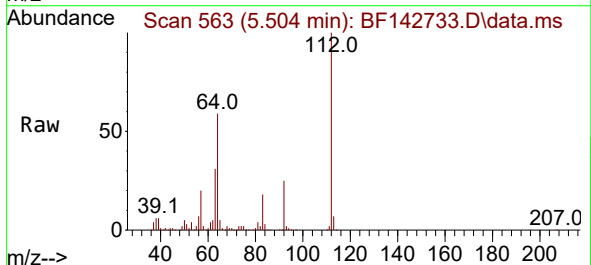
Instrument :
BNA_F
ClientSampleId :
FB-20250605

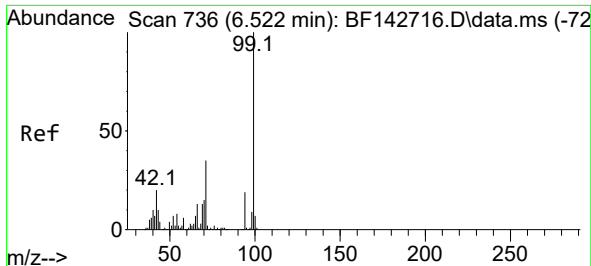
Tgt Ion:152 Resp: 56877
Ion Ratio Lower Upper
152 100
150 156.5 126.9 190.3
115 57.7 47.0 70.6



#5
2-Fluorophenol
Concen: 56.008 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Tgt Ion:112 Resp: 187042
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.2
63 31.5 25.4 38.0

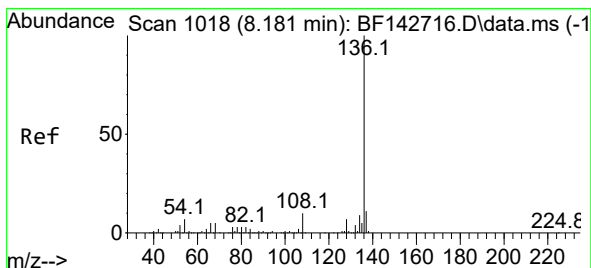
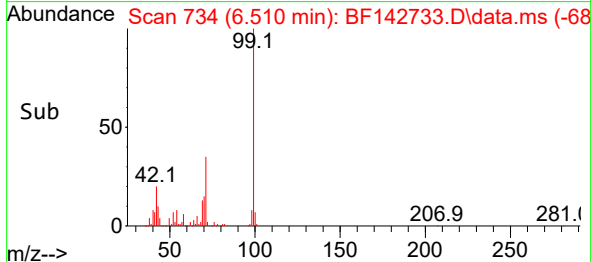
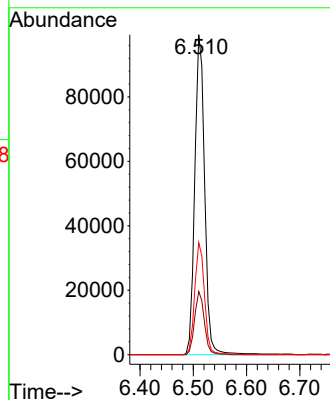
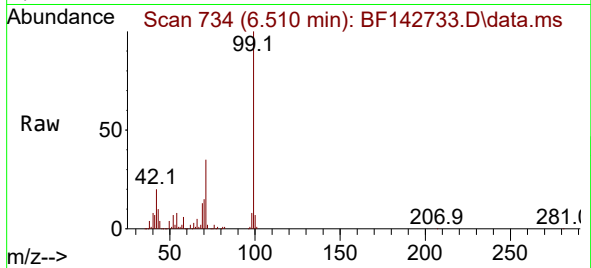




#7
Phenol-d6
Concen: 32.784 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

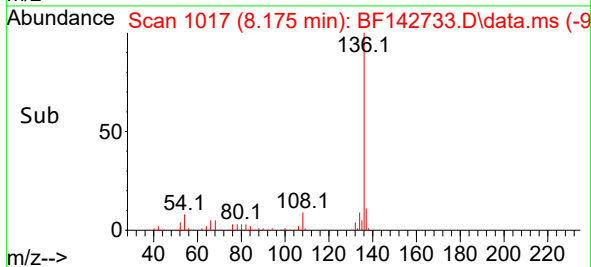
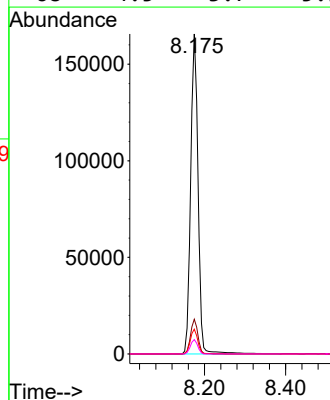
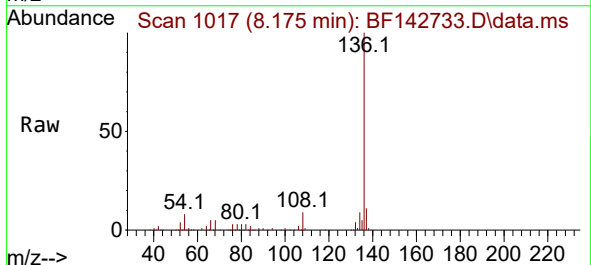
Instrument :
BNA_F
ClientSampleId :
FB-20250605

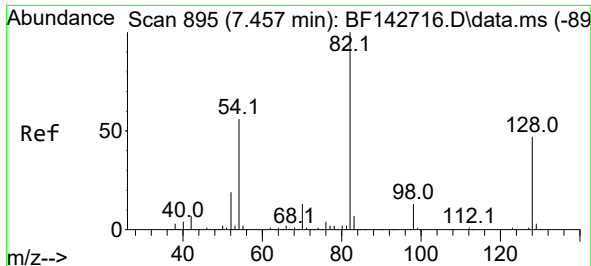
Tgt Ion: 99 Resp: 128846
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.0 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 136 Resp: 208595
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.8 5.9 8.9
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 82.945 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF142733.D

Acq: 11 Jun 2025 14:21

Instrument :

BNA_F

ClientSampleId :

FB-20250605

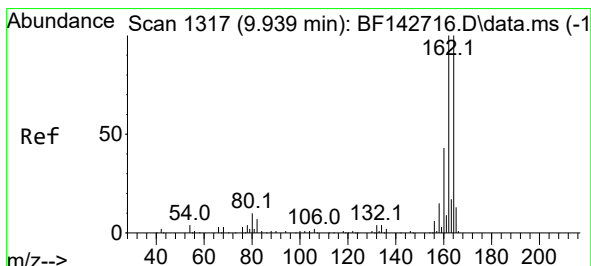
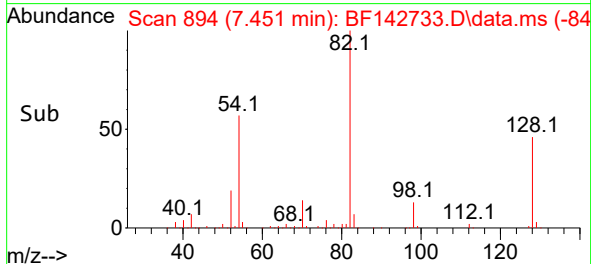
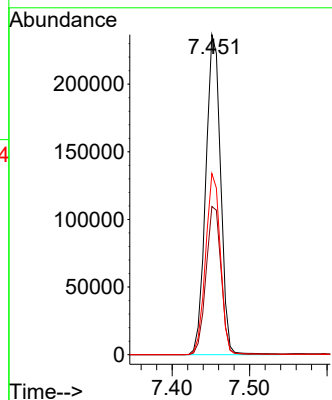
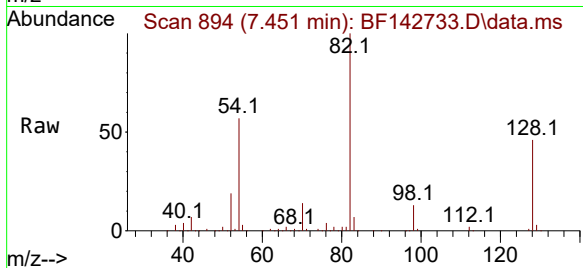
Tgt Ion: 82 Resp: 316144

Ion Ratio Lower Upper

82 100

128 46.3 37.8 56.8

54 56.6 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142733.D

Acq: 11 Jun 2025 14:21

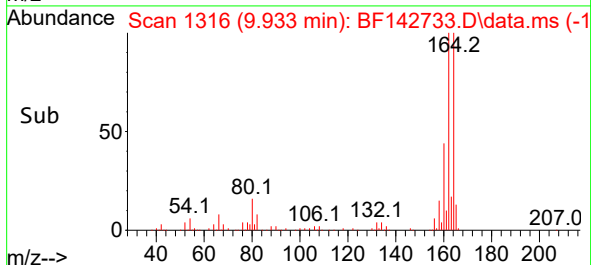
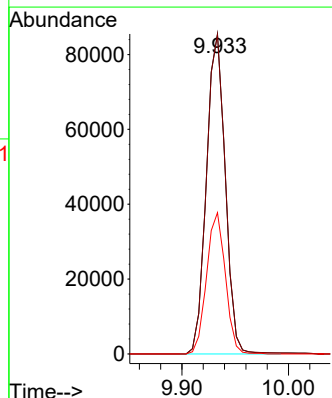
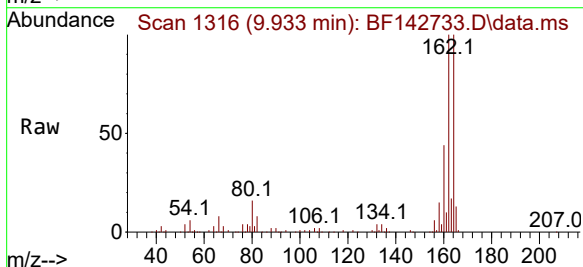
Tgt Ion:164 Resp: 105257

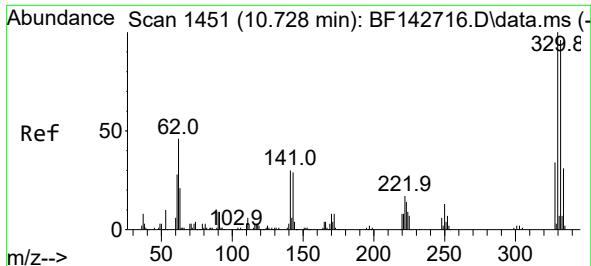
Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 44.2 34.8 52.2

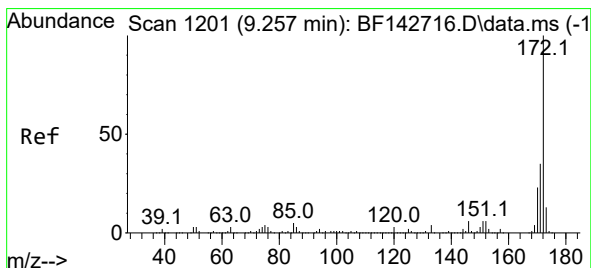
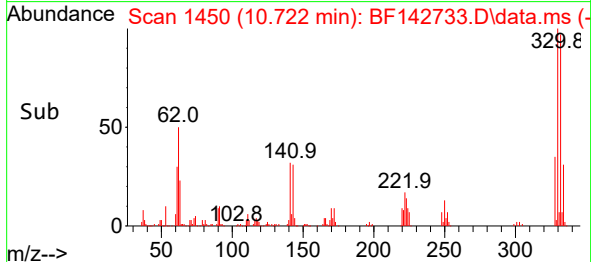
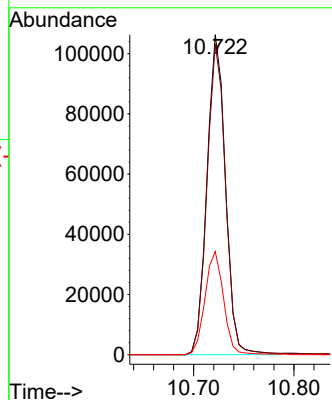
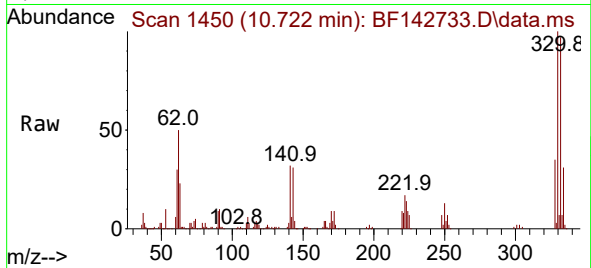




#42
2,4,6-Tribromophenol
Concen: 118.216 ng
RT: 10.722 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

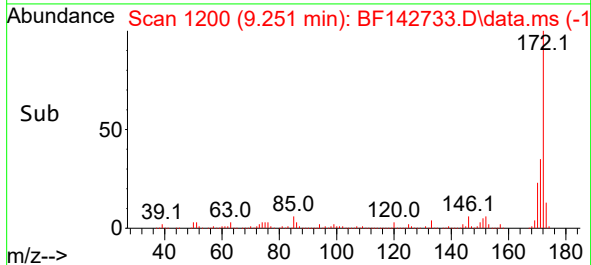
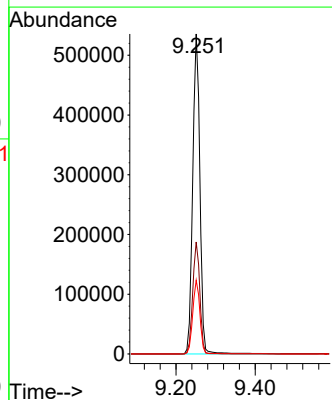
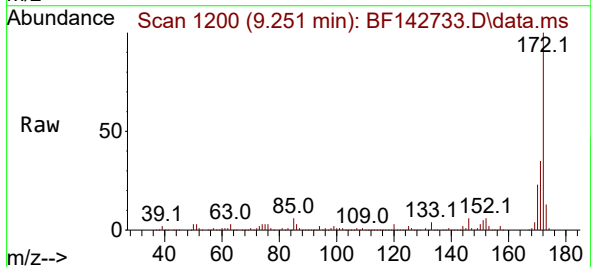
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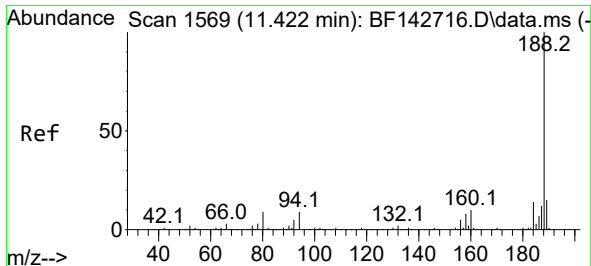
Tgt Ion: 330 Resp: 136374
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.6
141 32.5 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 85.521 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 172 Resp: 677554
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.0 18.6 27.8

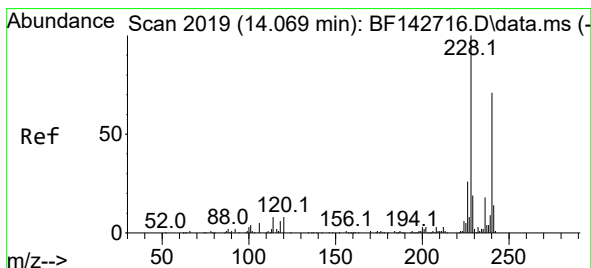
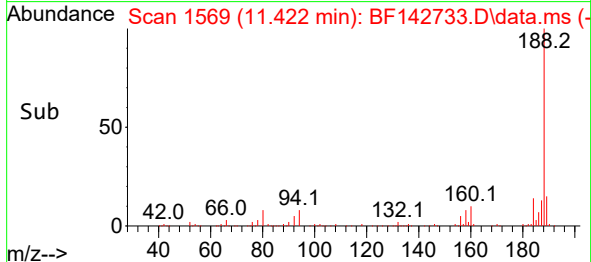
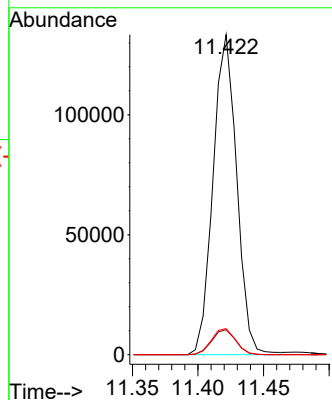
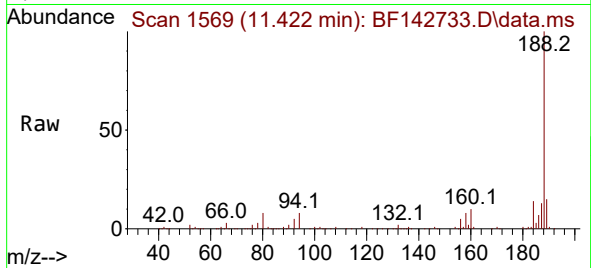




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

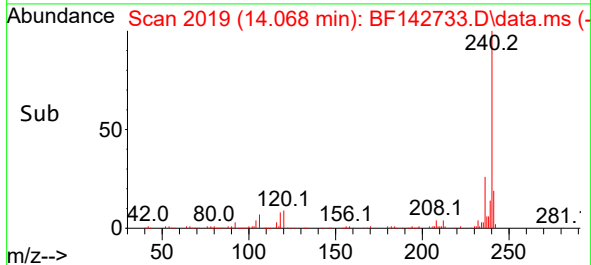
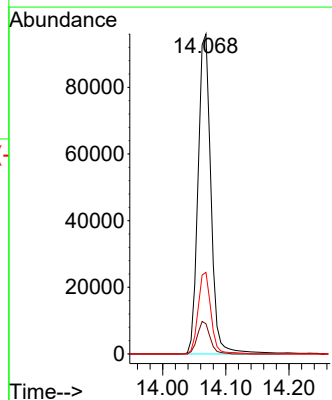
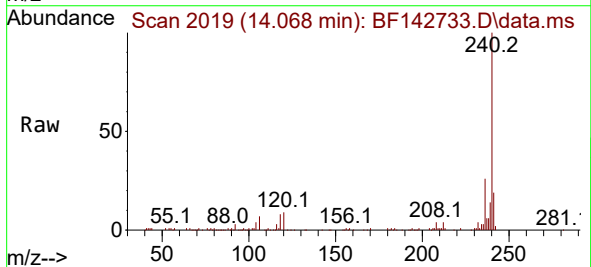
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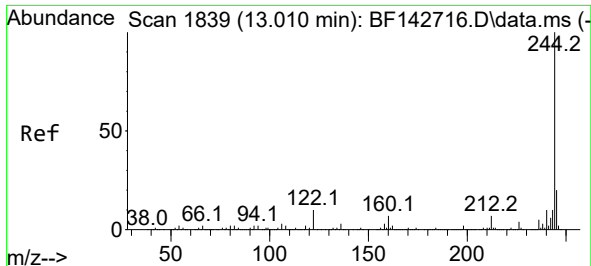
Tgt Ion:188 Resp: 167256
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.2 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142733.D
Acq: 11 Jun 2025 14:21

Tgt Ion:240 Resp: 135665
Ion Ratio Lower Upper
240 100
120 9.5 8.5 12.7
236 25.5 20.1 30.1

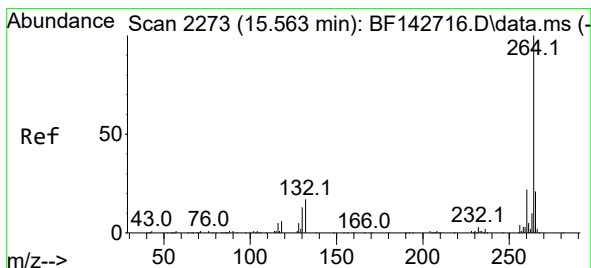
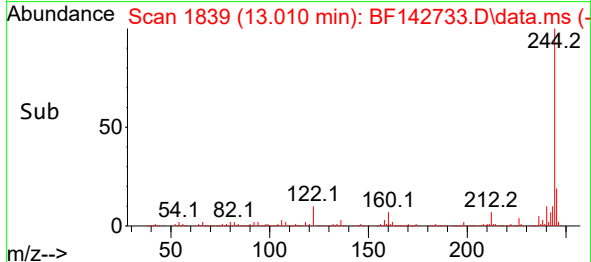
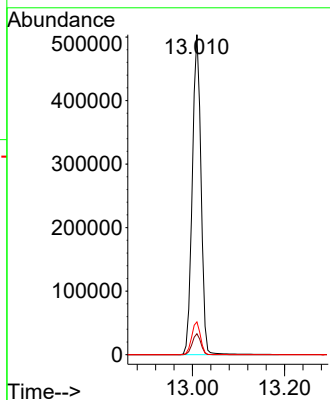
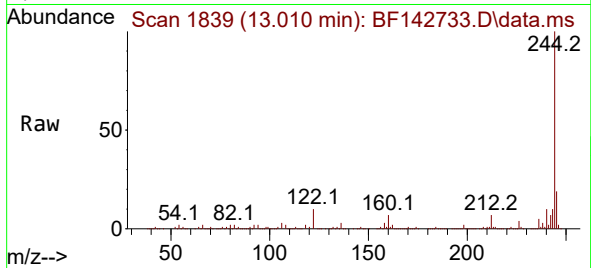




#79
 Terphenyl-d14
 Concen: 66.646 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142733.D
 Acq: 11 Jun 2025 14:21

Instrument :
 BNA_F
 ClientSampleId :
 FB-20250605

Tgt Ion:244 Resp: 658313
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF142733.D
 Acq: 11 Jun 2025 14:21

Tgt Ion:264 Resp: 154126
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.6
 265 21.6 16.6 25.0

