

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143616.D
 Acq On : 28 Aug 2025 18:13
 Operator : RC/JU
 Sample : Q2970-31
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Aug 29 01:08:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	101688	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	389756	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	227550	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	377875	20.000	ng	0.00
76) Chrysene-d12	14.045	240	183751	20.000	ng	0.00
86) Perylene-d12	15.521	264	186674	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	538887	90.195	ng	0.00
7) Phenol-d6	6.504	99	686148	92.722	ng	0.00
23) Nitrobenzene-d5	7.445	82	418032	76.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	198940	111.796	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	741525	55.717	ng	0.00
79) Terphenyl-d14	12.992	244	705698	68.917	ng	0.00

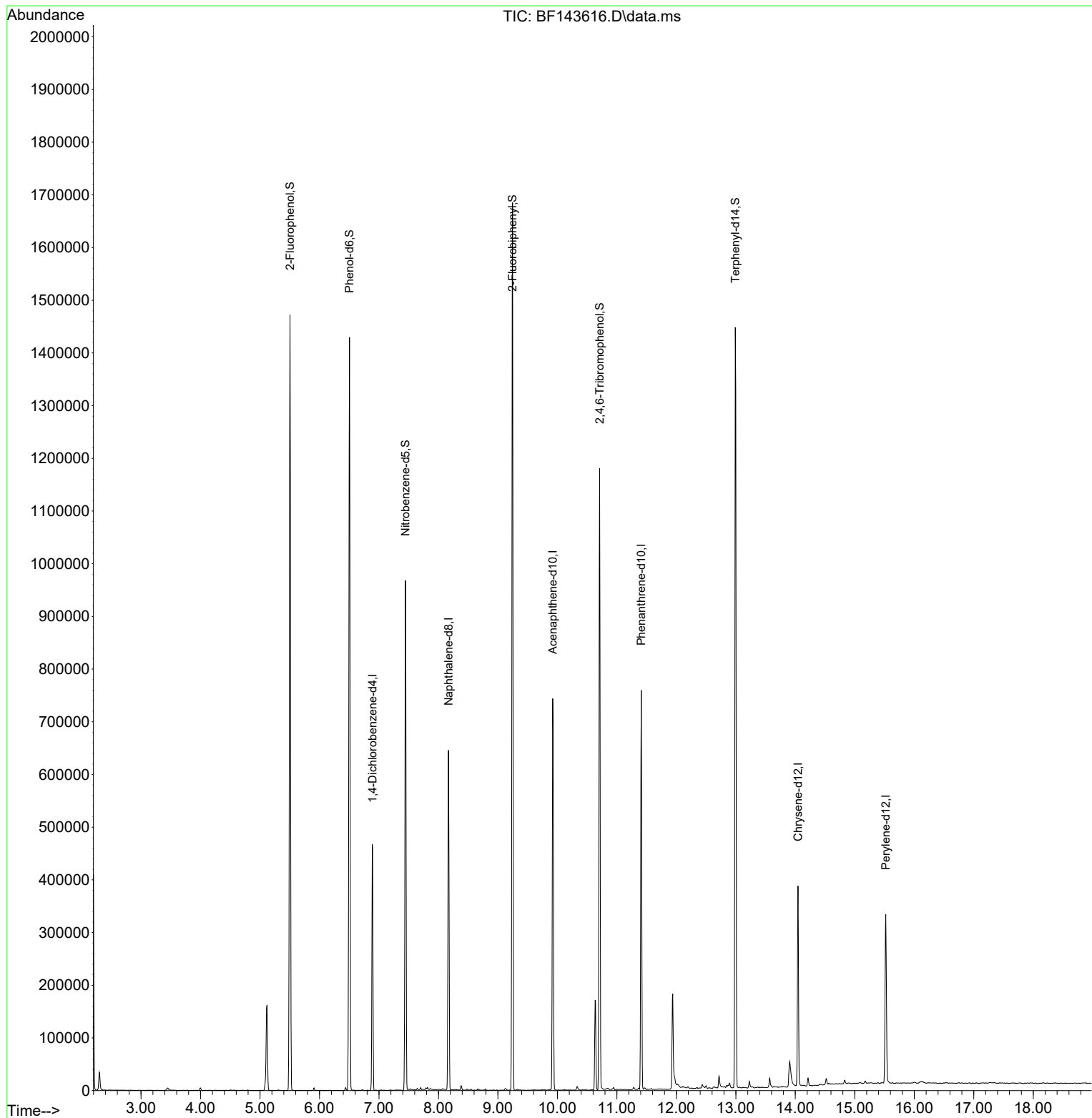
Target Compounds	Qvalue

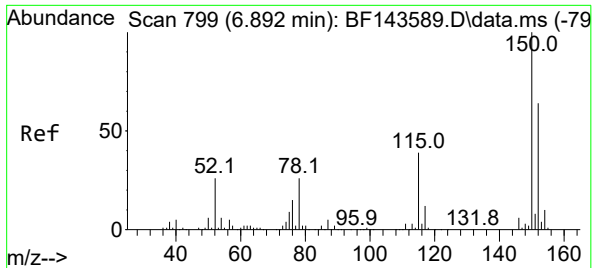
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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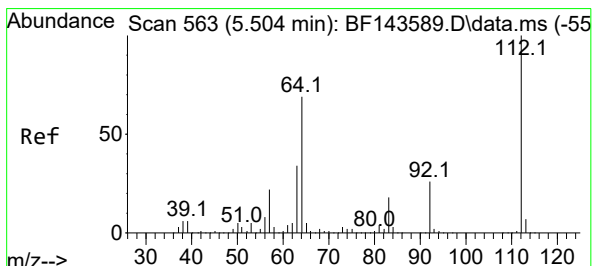
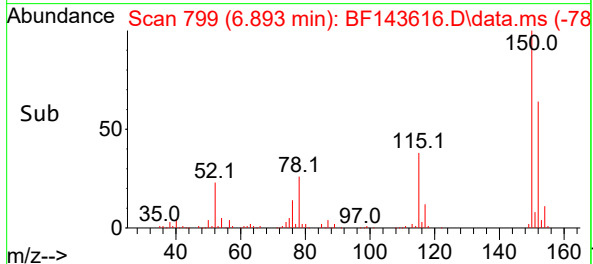
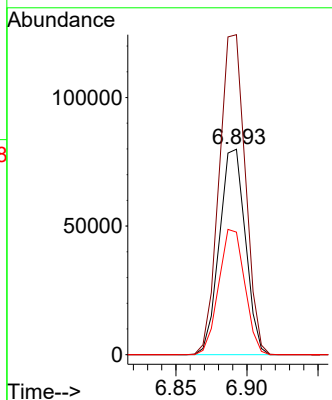
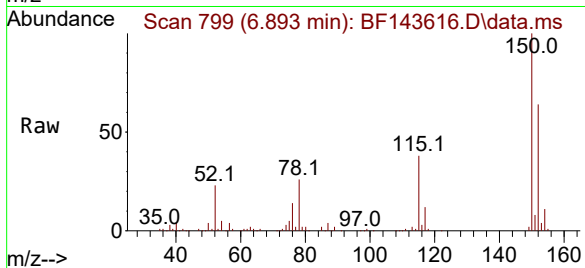




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. 0.001 min
 Lab File: BF143616.D
 Acq: 28 Aug 2025 18:13

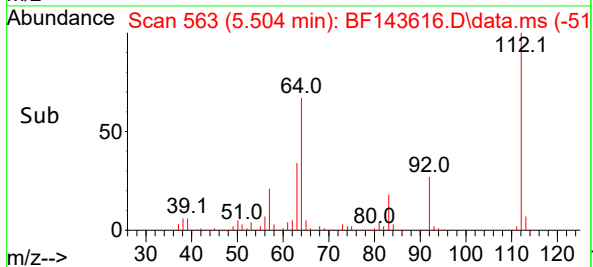
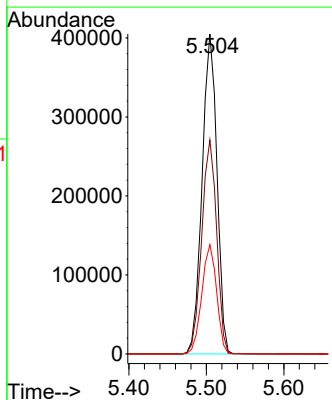
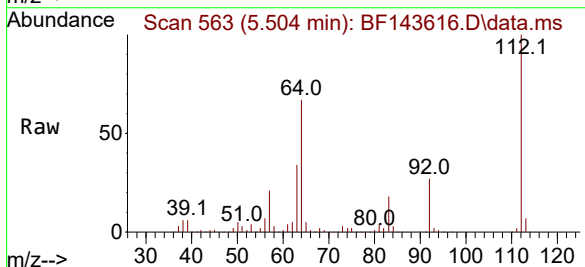
Instrument :
 BNA_F
 ClientSampleId :
 TP3

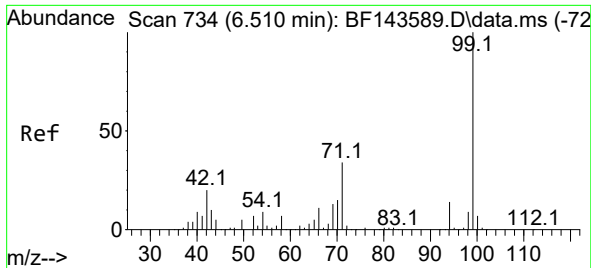
Tgt Ion:152 Resp: 101688
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.9 187.3
 115 59.7 48.0 72.0



#5
 2-Fluorophenol
 Concen: 90.195 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: BF143616.D
 Acq: 28 Aug 2025 18:13

Tgt Ion:112 Resp: 538887
 Ion Ratio Lower Upper
 112 100
 64 66.9 54.8 82.2
 63 34.2 27.6 41.4

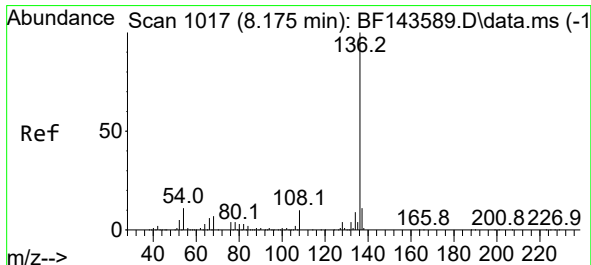
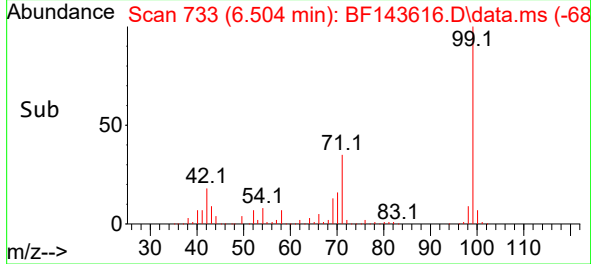
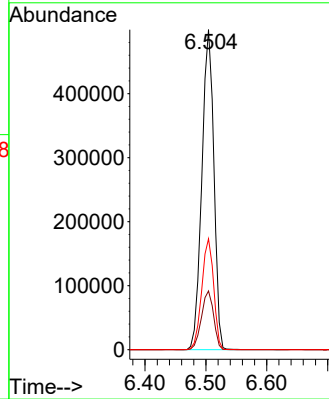
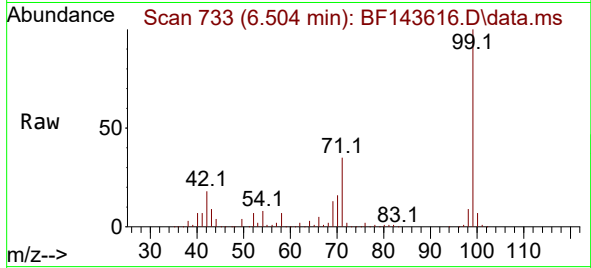




#7
Phenol-d6
Concen: 92.722 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143616.D
Acq: 28 Aug 2025 18:13

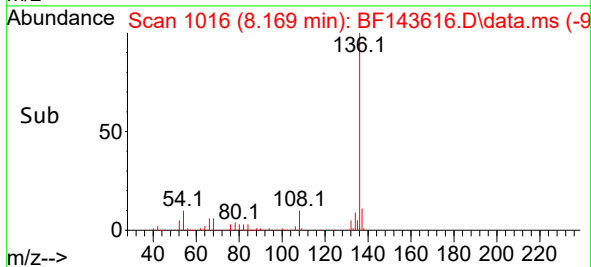
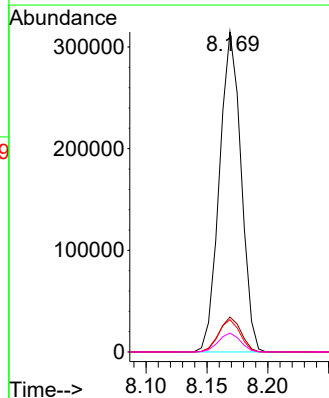
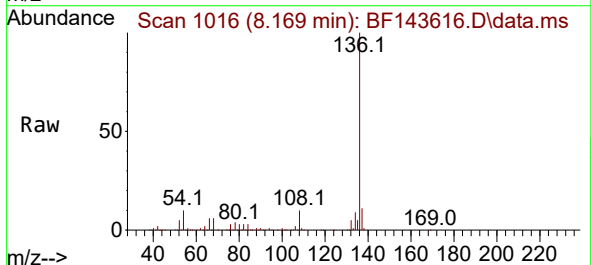
Instrument :
BNA_F
ClientSampleId :
TP3

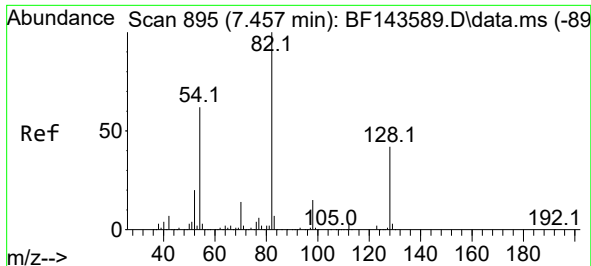
Tgt Ion: 99 Resp: 686148
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 34.6 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143616.D
Acq: 28 Aug 2025 18:13

Tgt Ion: 136 Resp: 389756
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.1 9.0 13.6
68 5.9 5.3 7.9





#23

Nitrobenzene-d5

Concen: 76.581 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF143616.D

Acq: 28 Aug 2025 18:13

Instrument :

BNA_F

ClientSampleId :

TP3

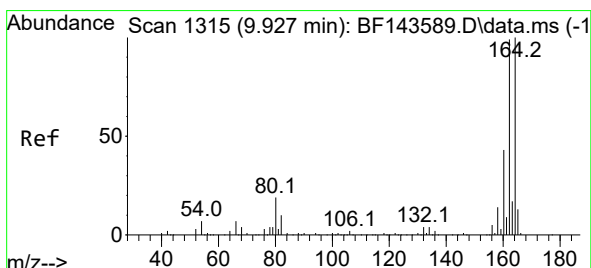
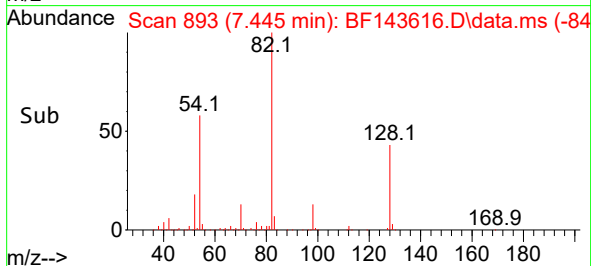
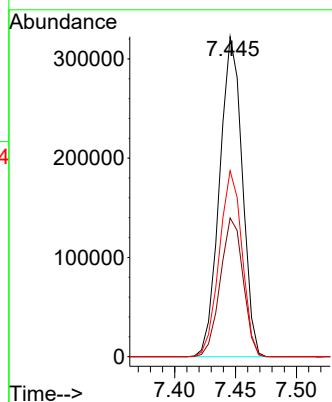
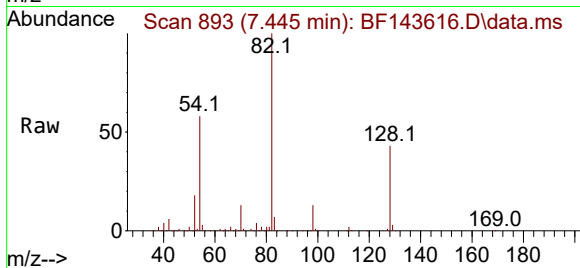
Tgt Ion: 82 Resp: 418032

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.2

54 58.1 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143616.D

Acq: 28 Aug 2025 18:13

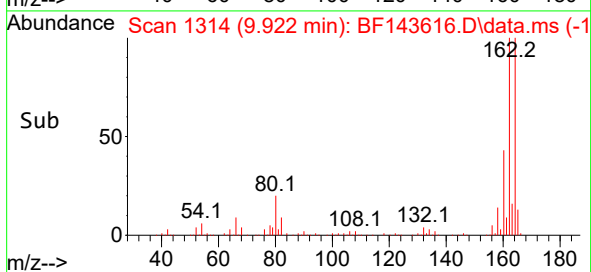
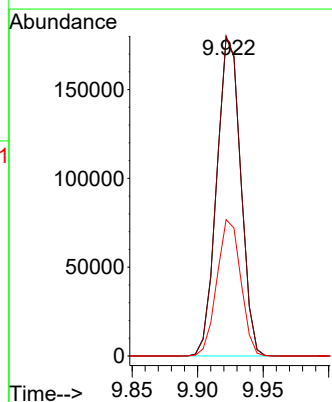
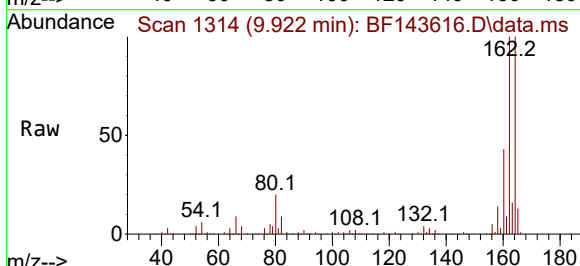
Tgt Ion:164 Resp: 227550

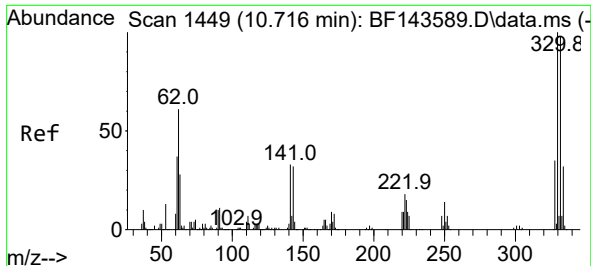
Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

160 42.7 34.2 51.4

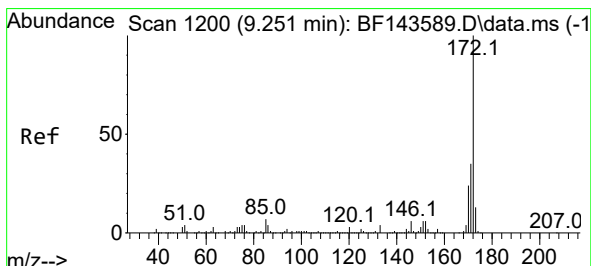
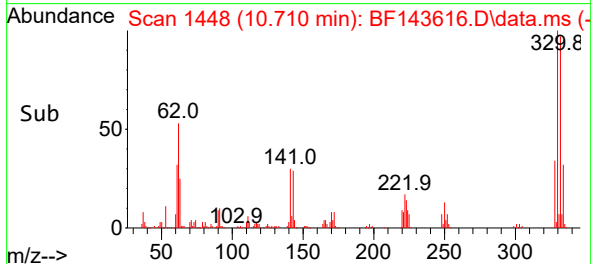
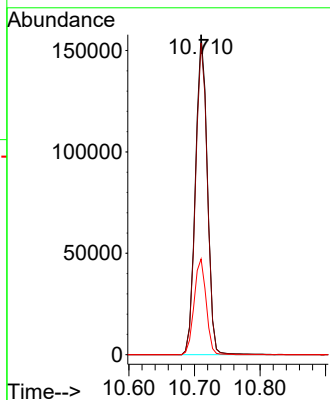
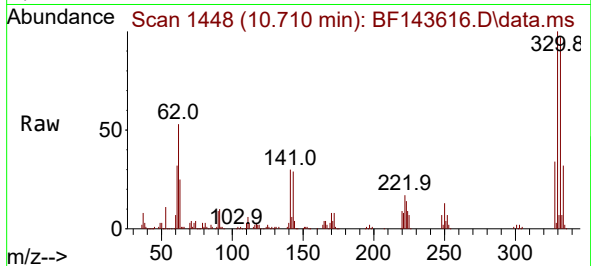




#42
2,4,6-Tribromophenol
Concen: 111.796 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143616.D
Acq: 28 Aug 2025 18:13

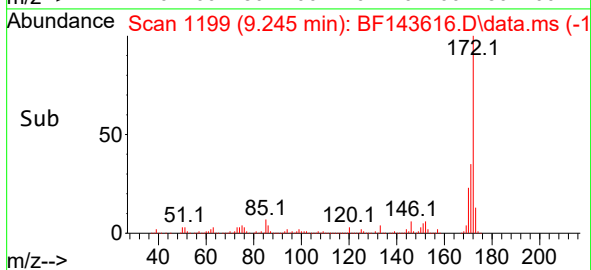
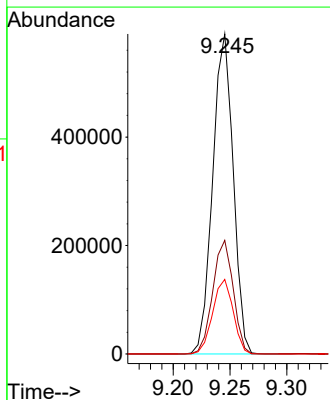
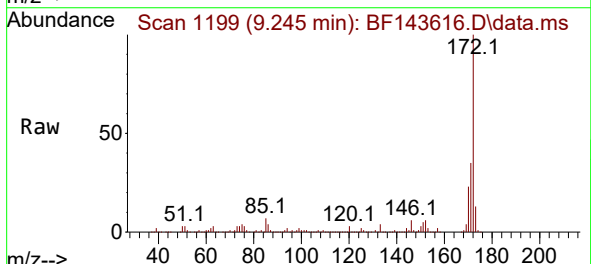
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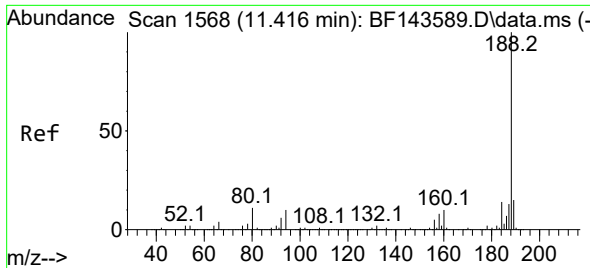
Tgt Ion:330 Resp: 198940
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.4
141 30.2 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 55.717 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143616.D
Acq: 28 Aug 2025 18:13

Tgt Ion:172 Resp: 741525
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 19.0 28.4

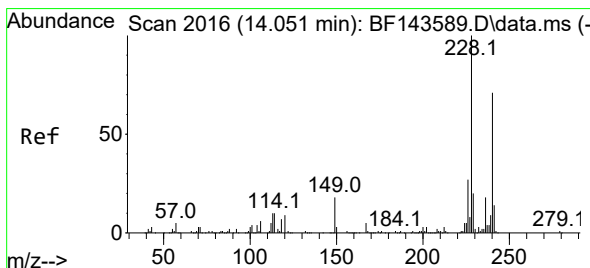
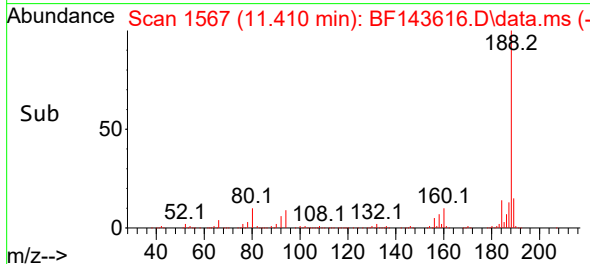
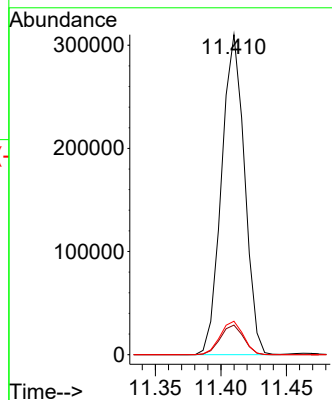
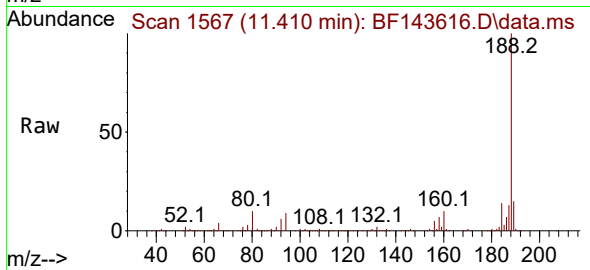




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143616.D
Acq: 28 Aug 2025 18:13

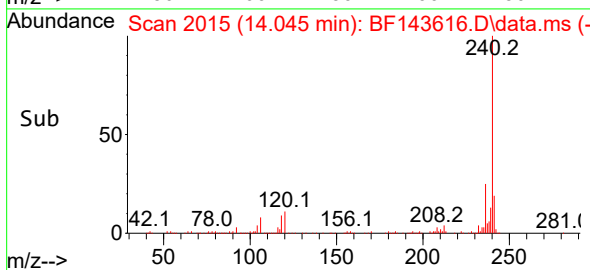
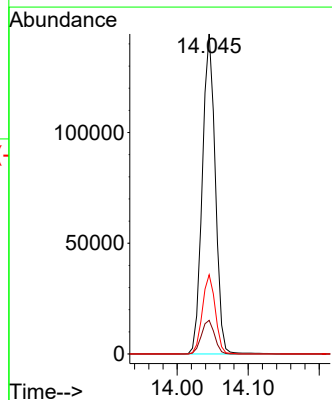
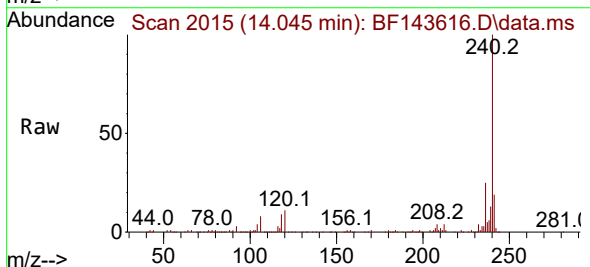
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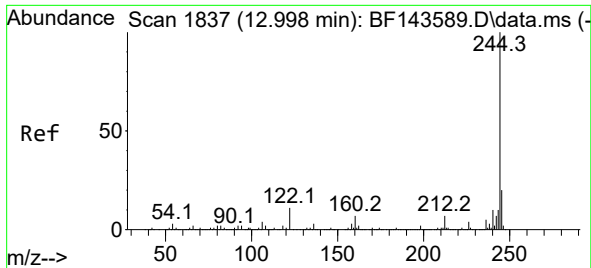
Tgt Ion:188 Resp: 377875
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.4
80 10.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143616.D
Acq: 28 Aug 2025 18:13

Tgt Ion:240 Resp: 183751
Ion Ratio Lower Upper
240 100
120 10.5 9.6 14.4
236 24.8 20.2 30.2

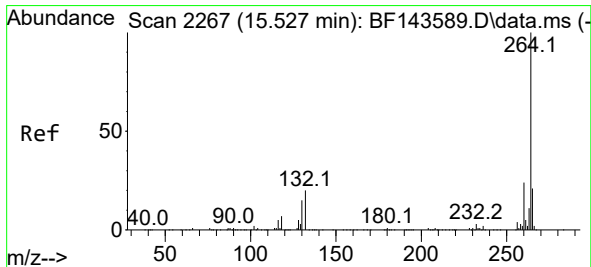
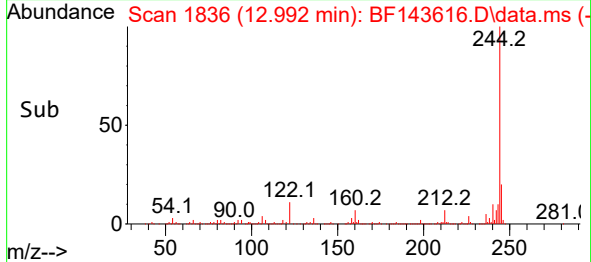
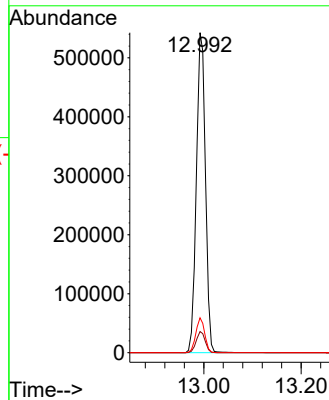
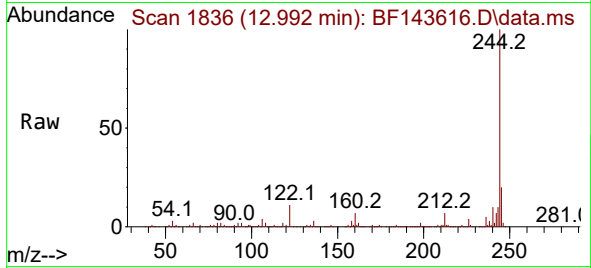




#79
 Terphenyl-d14
 Concen: 68.917 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF143616.D
 Acq: 28 Aug 2025 18:13

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Tgt Ion:244 Resp: 705698
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: BF143616.D
 Acq: 28 Aug 2025 18:13

Tgt Ion:264 Resp: 186674
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.9 17.0 25.4

