

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144156.D
 Acq On : 30 Oct 2025 23:07
 Operator : RC/JU
 Sample : Q3486-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Oct 31 01:03:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61493	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	215034	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	100389	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	169219	20.000	ng	0.00
76) Chrysene-d12	14.057	240	189702	20.000	ng	0.00
86) Perylene-d12	15.539	264	179825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	302148	77.737	ng	0.00
7) Phenol-d6	6.504	99	330562	77.009	ng	0.00
23) Nitrobenzene-d5	7.440	82	202044	51.477	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	94881	74.198	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	402911	56.479	ng	0.00
79) Terphenyl-d14	12.992	244	476312	43.895	ng	0.00

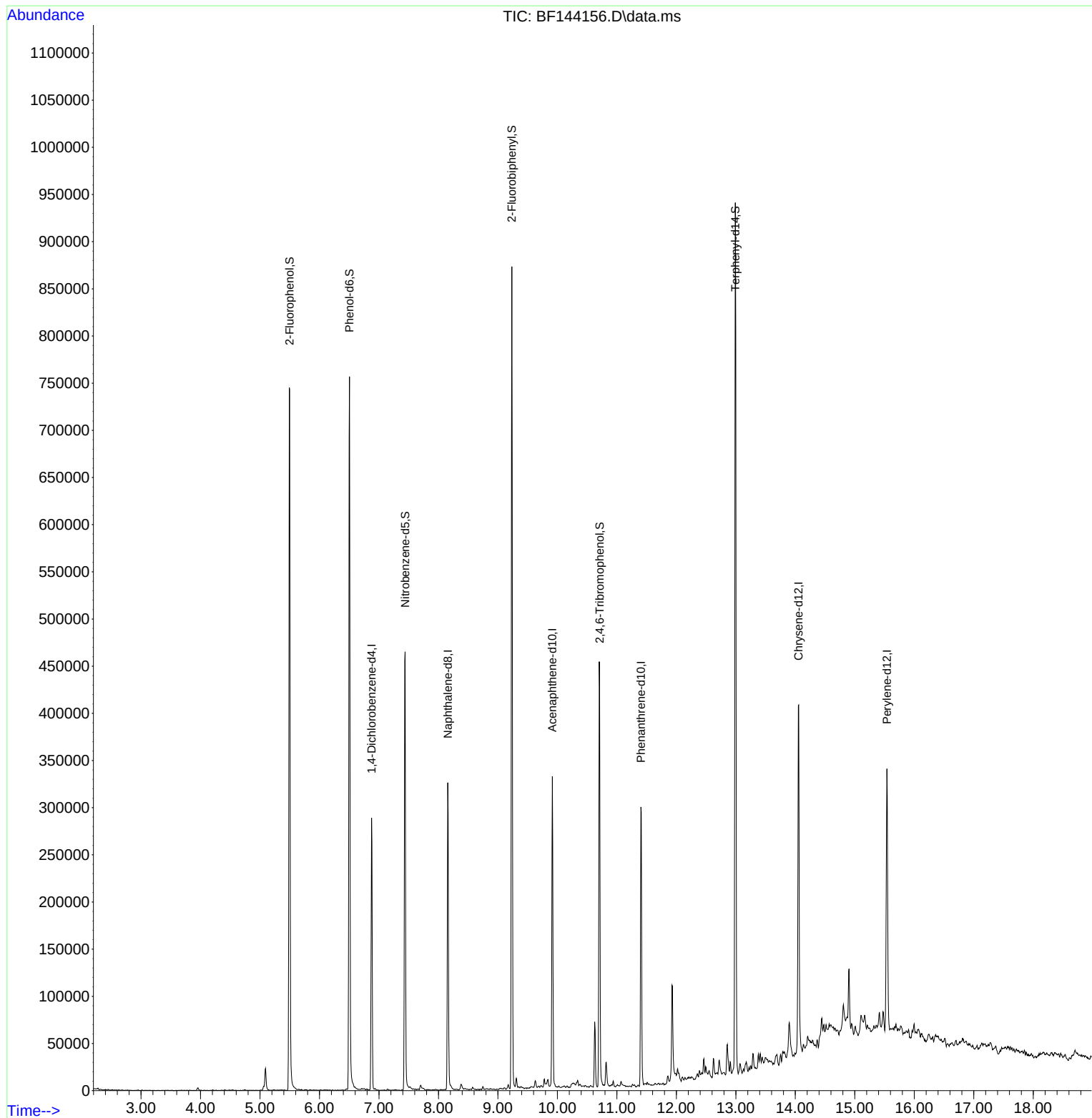
Target Compounds	Qvalue

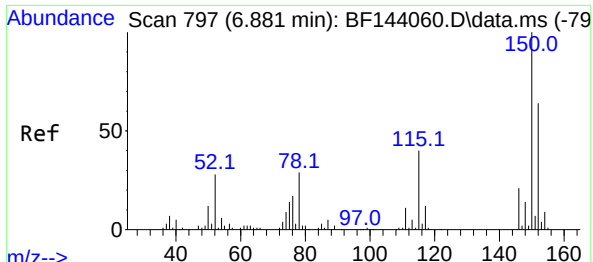
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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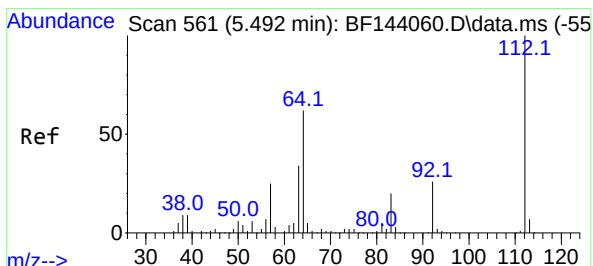
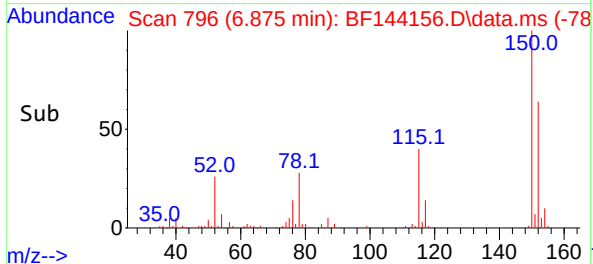
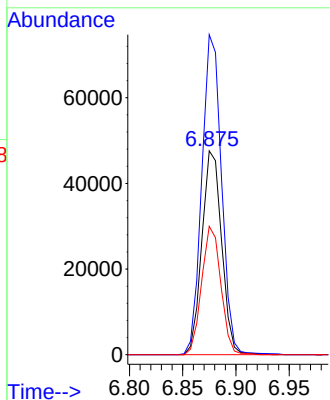
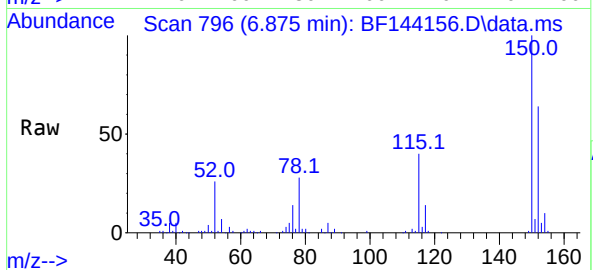




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

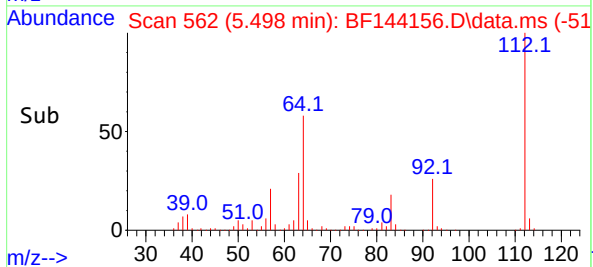
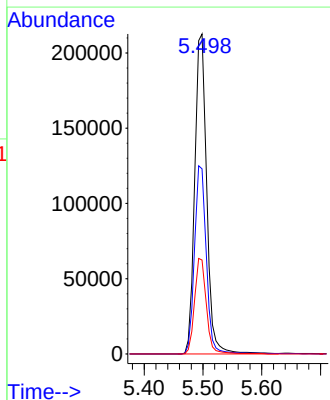
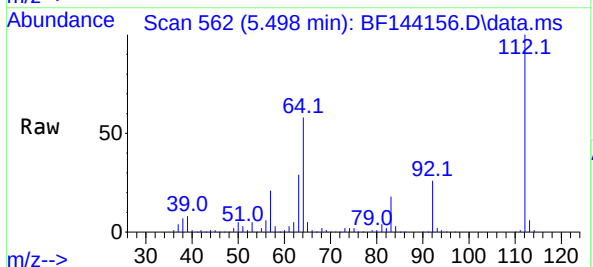
Instrument :
BNA_F
ClientSampleId :
TP3

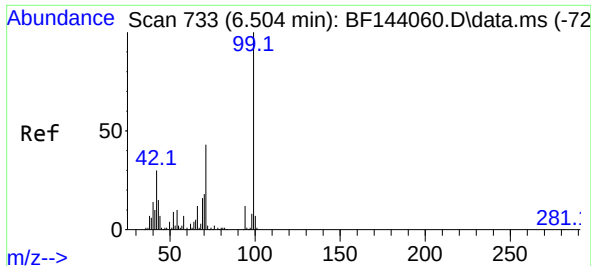
Tgt Ion:152 Resp: 61493
Ion Ratio Lower Upper
152 100
150 157.0 124.4 186.6
115 63.0 49.4 74.0



#5
2-Fluorophenol
Concen: 77.737 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

Tgt Ion:112 Resp: 302148
Ion Ratio Lower Upper
112 100
64 57.9 49.8 74.8
63 29.3 27.4 41.2

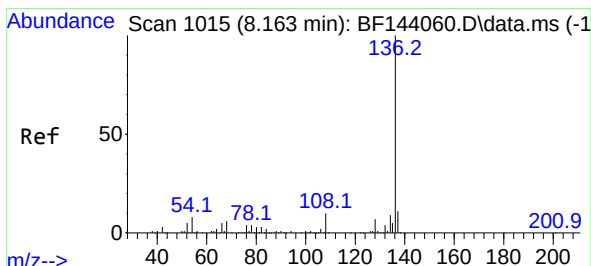
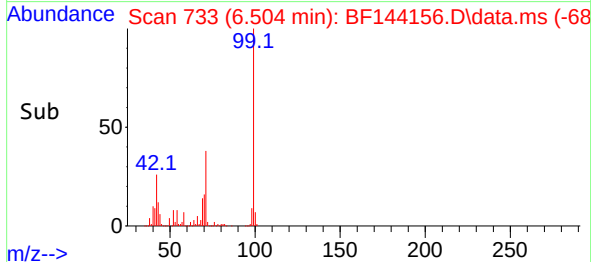
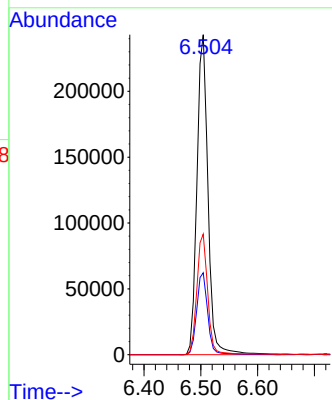
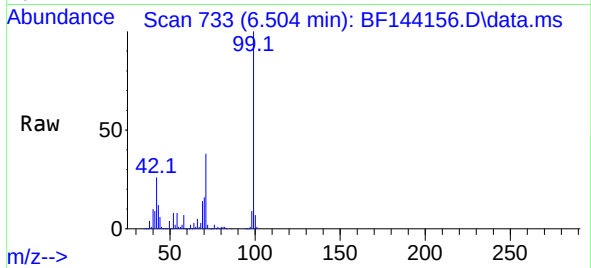




#7
Phenol-d6
Concen: 77.009 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

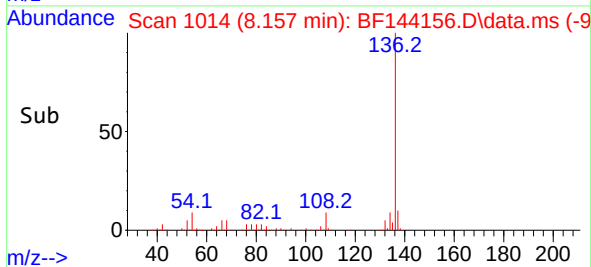
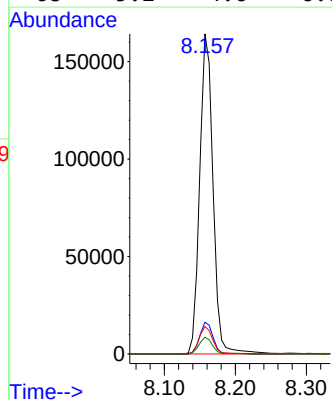
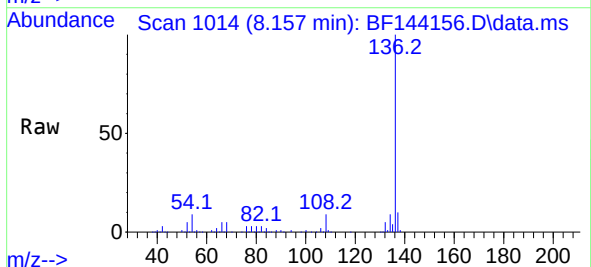
Instrument :
BNA_F
ClientSampleId :
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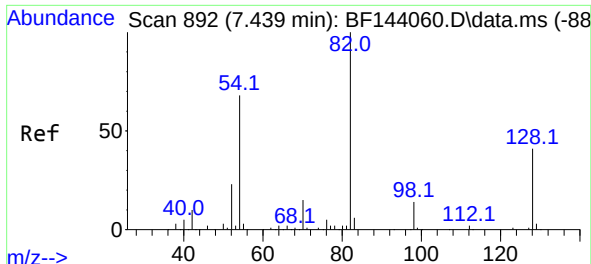
Tgt Ion: 99 Resp: 330562
Ion Ratio Lower Upper
99 100
42 25.6 23.9 35.9
71 37.7 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

Tgt Ion:136 Resp: 215034
Ion Ratio Lower Upper
136 100
137 9.9 8.6 13.0
54 8.6 6.6 9.8
68 5.2 4.6 6.8

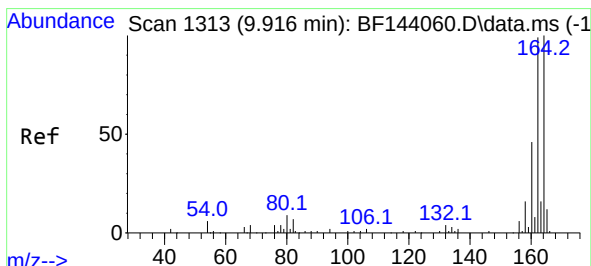
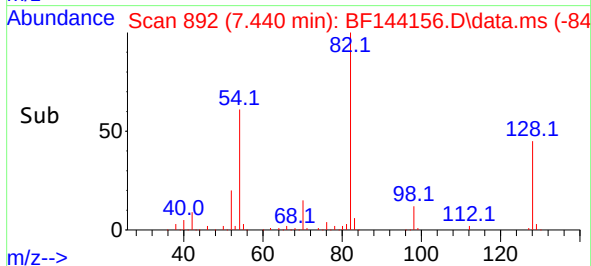
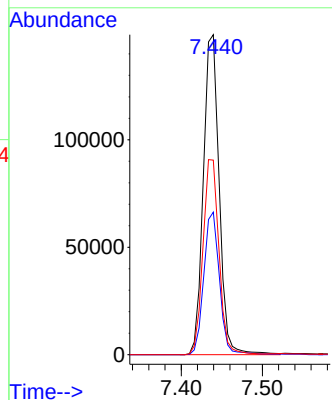
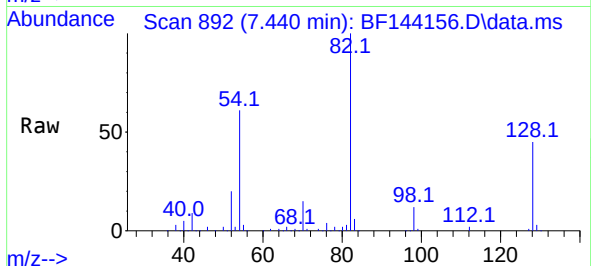




#23
Nitrobenzene-d5
Concen: 51.477 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

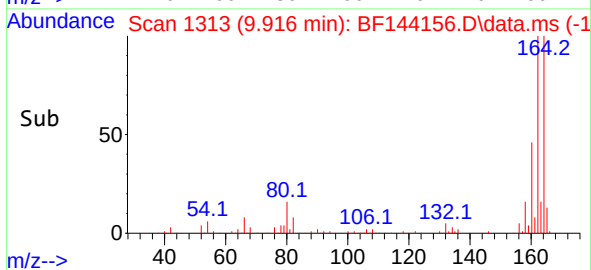
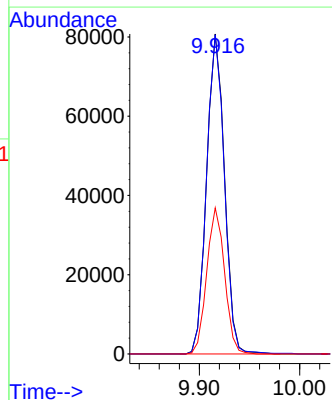
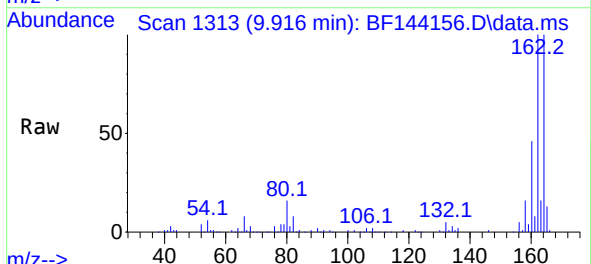
Instrument :
BNA_F
ClientSampleId :
TP3

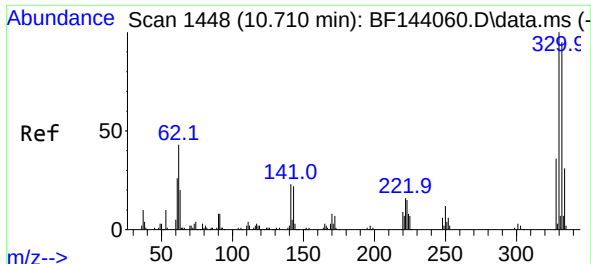
Tgt Ion: 82 Resp: 202044
Ion Ratio Lower Upper
82 100
128 44.6 32.4 48.6
54 60.8 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

Tgt Ion:164 Resp: 100389
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.2
160 45.7 36.7 55.1

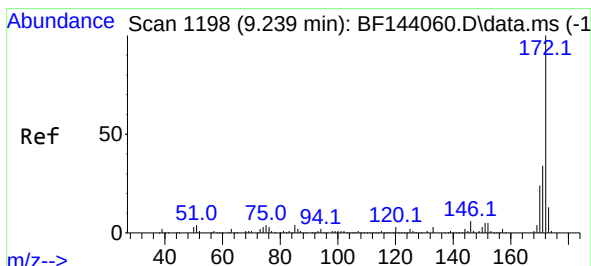
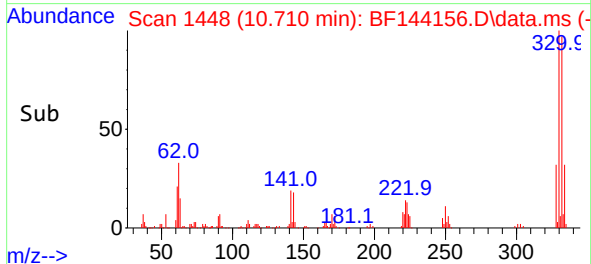
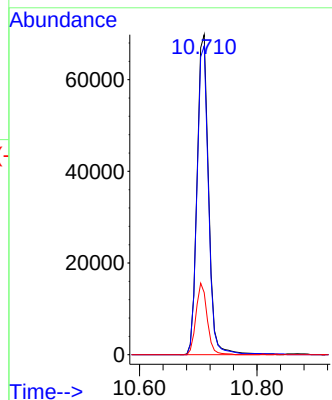
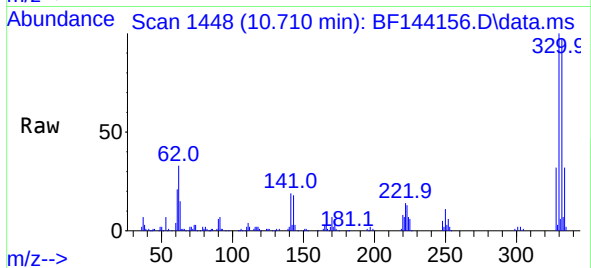




#42
2,4,6-Tribromophenol
Concen: 74.198 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

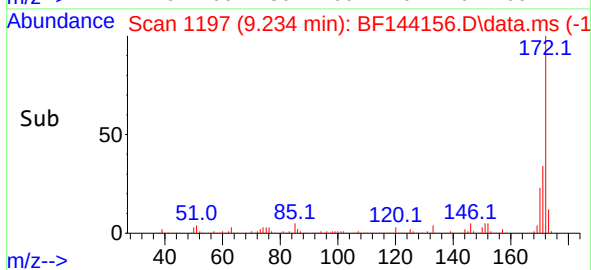
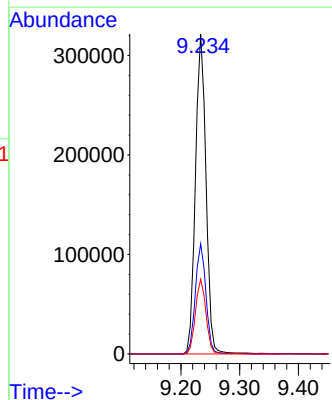
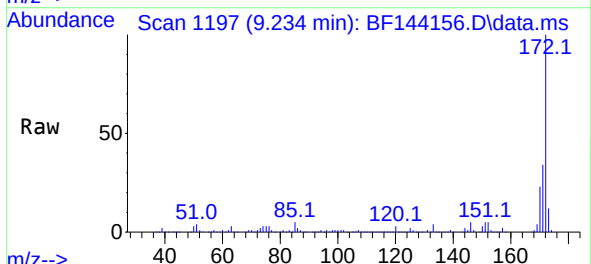
Instrument :
BNA_F
ClientSampleId :
TP3

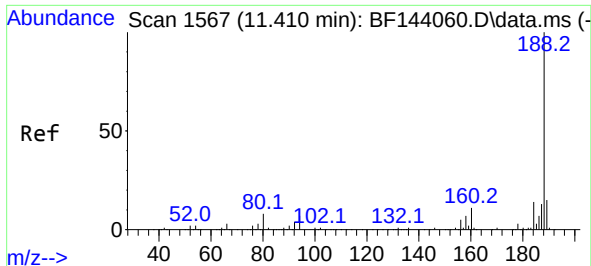
Tgt Ion:330 Resp: 94881
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 21.6 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 56.479 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

Tgt Ion:172 Resp: 402911
Ion Ratio Lower Upper
172 100
171 34.4 27.5 41.3
170 23.4 19.0 28.6

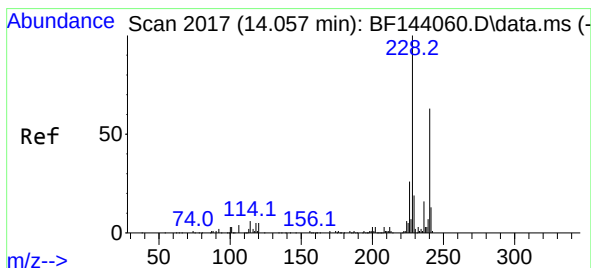
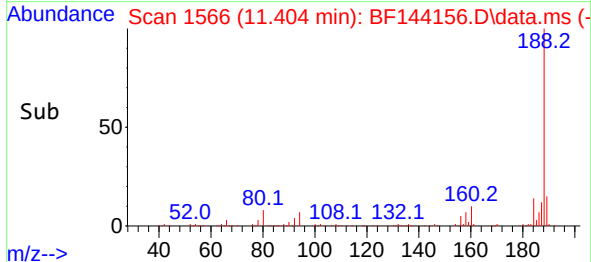
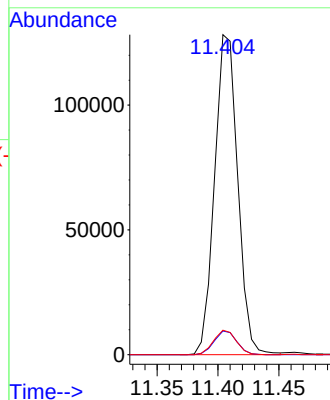
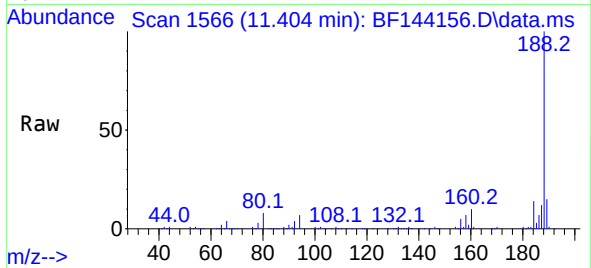




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

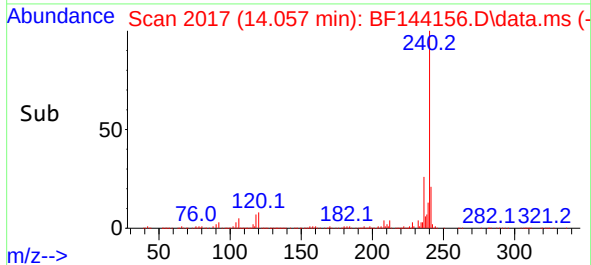
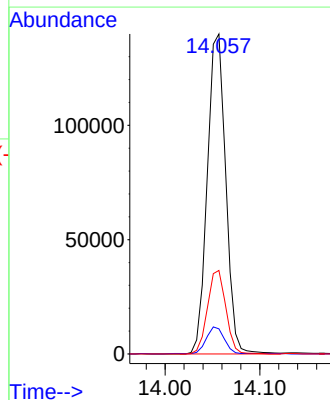
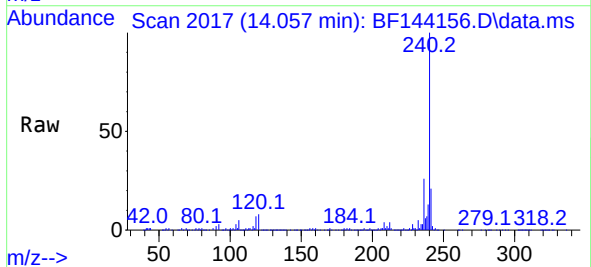
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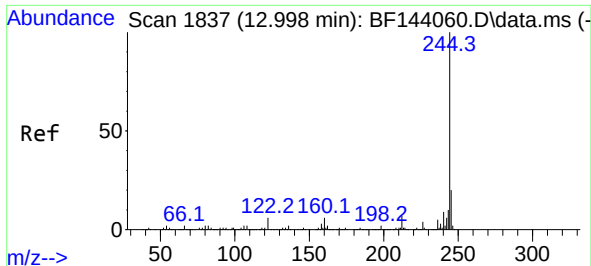
Tgt Ion:188 Resp: 169219
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 7.7 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144156.D
Acq: 30 Oct 2025 23:07

Tgt Ion:240 Resp: 189702
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.1 20.1 30.1

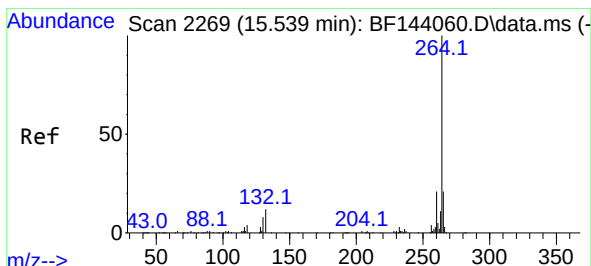
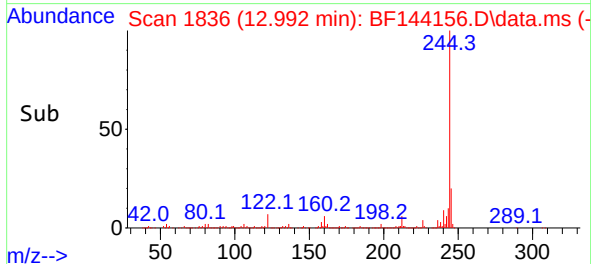
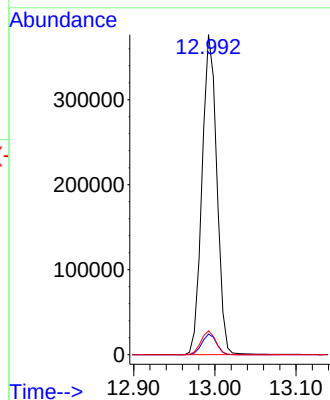
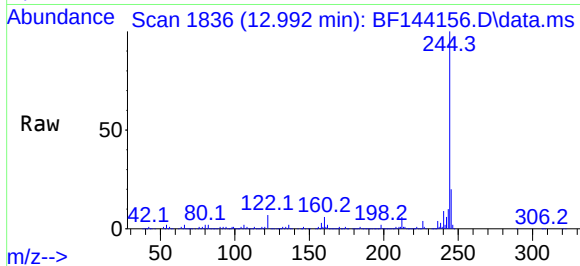




#79
 Terphenyl-d14
 Concen: 43.895 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144156.D
 Acq: 30 Oct 2025 23:07

Instrument :
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Tgt Ion:244 Resp: 476312
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 7.4 4.9 7.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF144156.D
 Acq: 30 Oct 2025 23:07

Tgt Ion:264 Resp: 179825
 Ion Ratio Lower Upper
 264 100
 260 21.4 17.0 25.4
 265 21.3 16.6 24.8

