

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144108.D
 Acq On : 28 Oct 2025 18:44
 Operator : RC/JU
 Sample : Q3439-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Oct 28 19:06:54 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	6.881	152	67441	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	261921	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	156621	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	281038	20.000	ng	0.00
76) Chrysene-d12	14.051	240	152325	20.000	ng	0.00
86) Perylene-d12	15.533	264	185981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	487379	114.335	ng	0.02
7) Phenol-d6	6.510	99	522833	111.058	ng	0.00
23) Nitrobenzene-d5	7.439	82	407685	85.277	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	273653	137.166	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	845370	75.955	ng	0.00
79) Terphenyl-d14	12.998	244	941473	108.052	ng	0.00

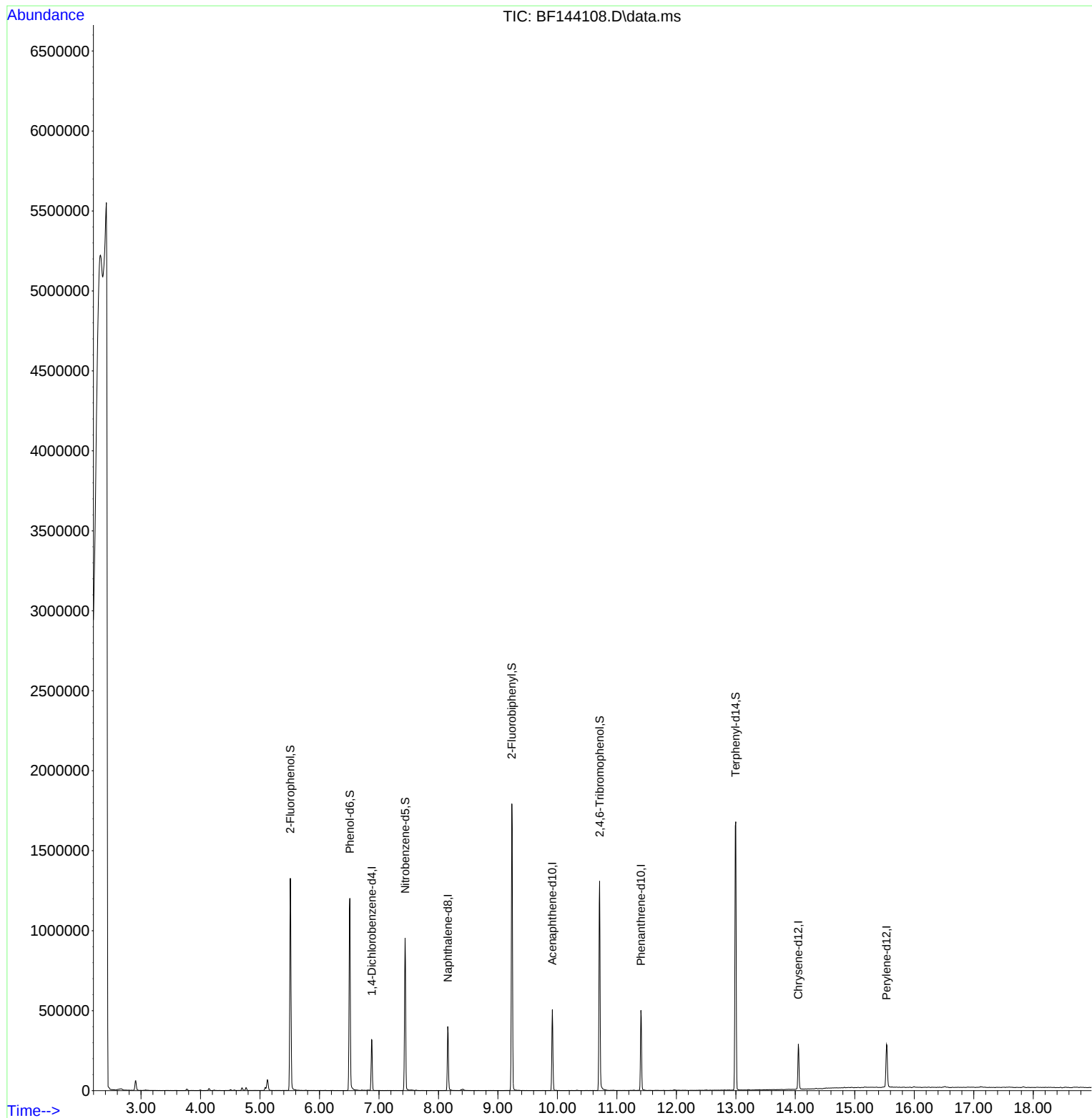
Target Compounds	Qvalue

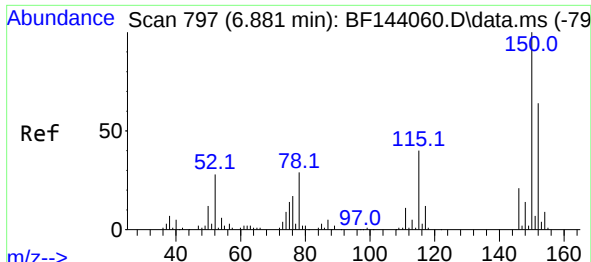
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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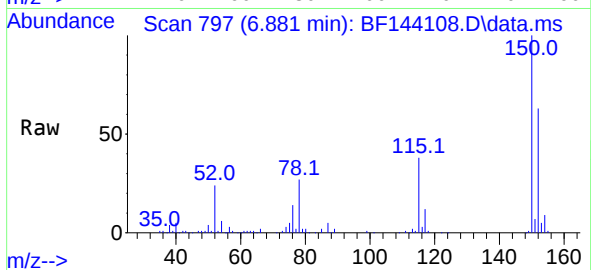
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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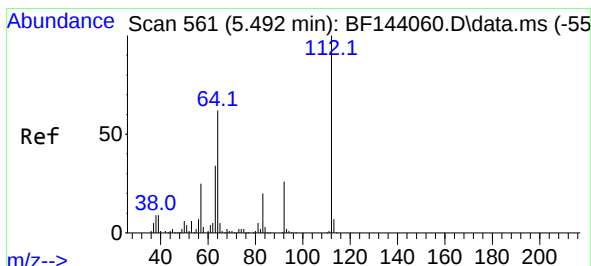
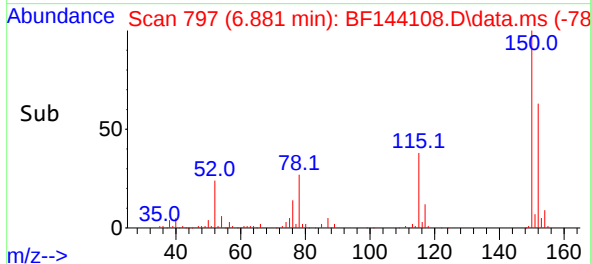
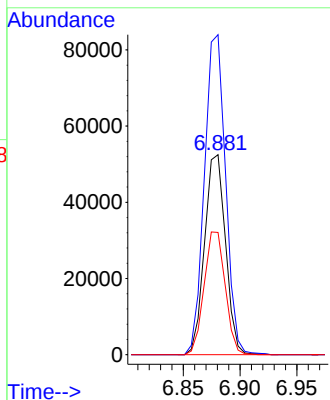


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

Instrument :
BNA_F
ClientSampleId :
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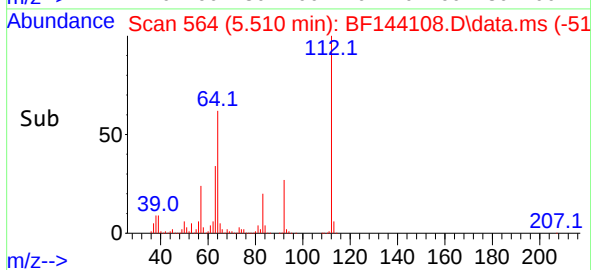
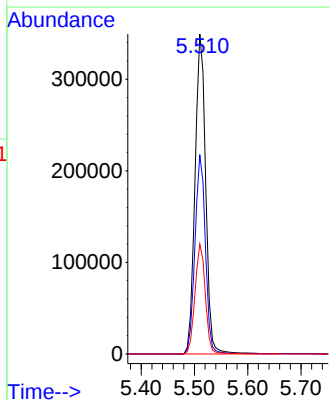
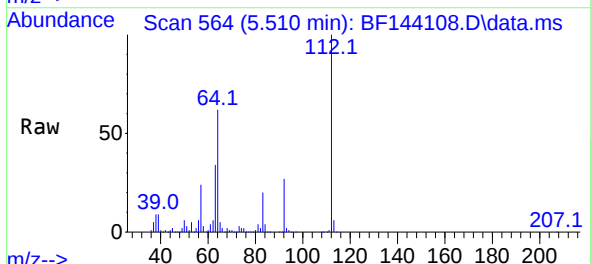


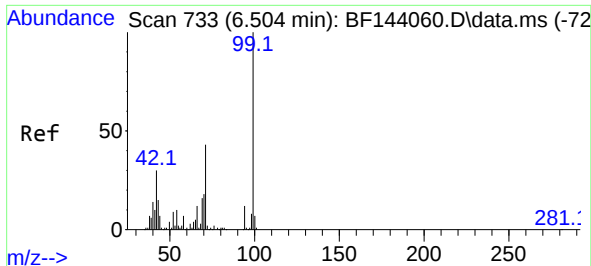
Tgt Ion:152 Resp: 67441
Ion Ratio Lower Upper
152 100
150 160.0 124.4 186.6
115 61.1 49.4 74.0



#5
2-Fluorophenol
Concen: 114.335 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

Tgt Ion:112 Resp: 487379
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 34.3 27.4 41.2



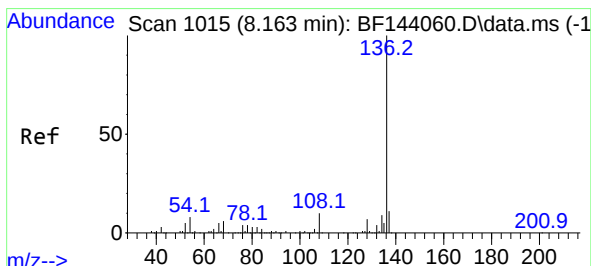
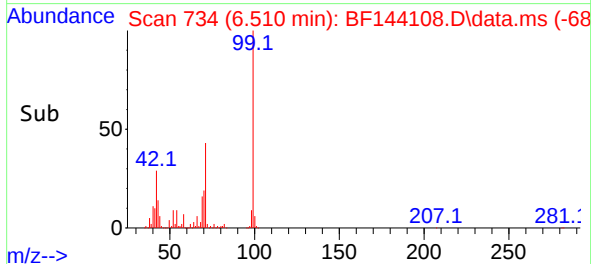
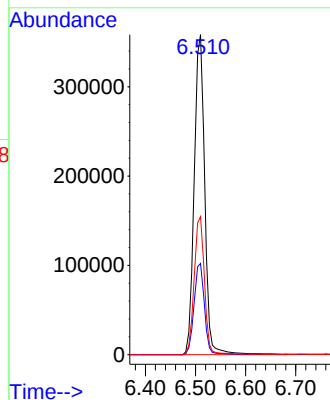
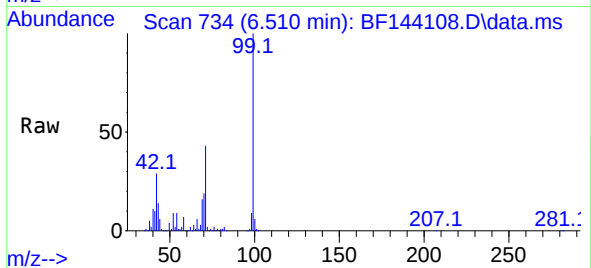


#7
Phenol-d6
Concen: 111.058 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion: 99 Resp: 522833

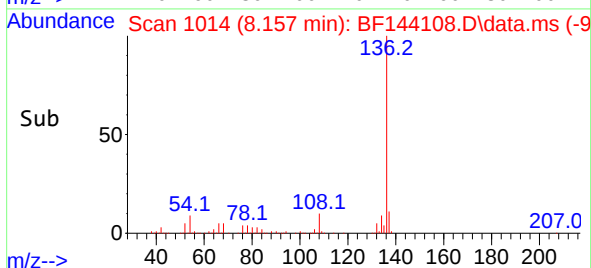
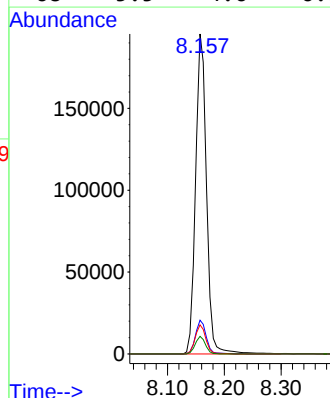
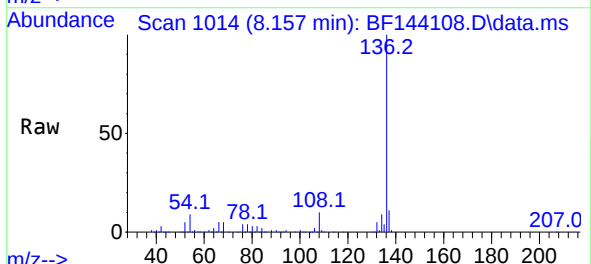
Ion	Ratio	Lower	Upper
99	100		
42	28.5	23.9	35.9
71	43.2	34.4	51.6

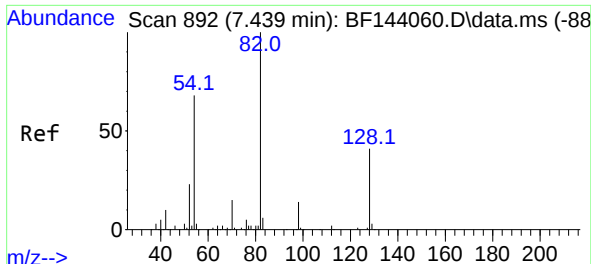


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

Tgt Ion: 136 Resp: 261921

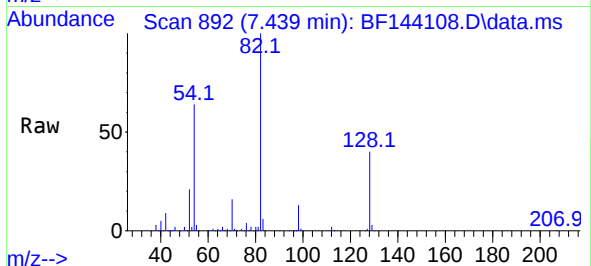
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.1	6.6	9.8
68	5.5	4.6	6.8



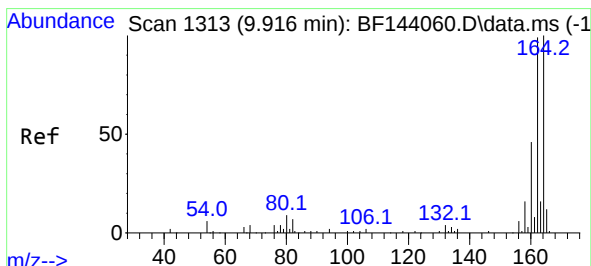
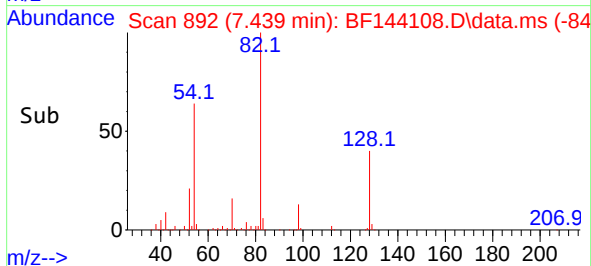
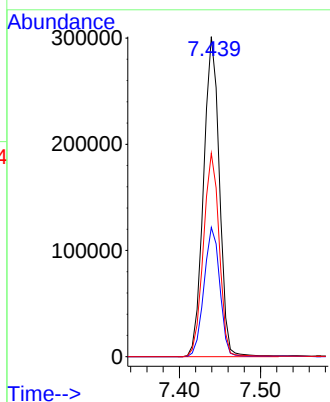


#23
Nitrobenzene-d5
Concen: 85.277 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

Instrument :
BNA_F
ClientSampleId :
TP-10

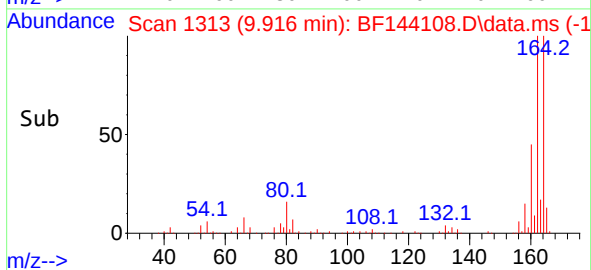
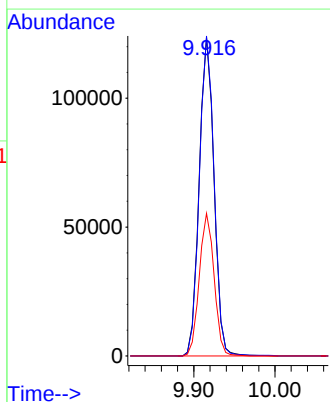
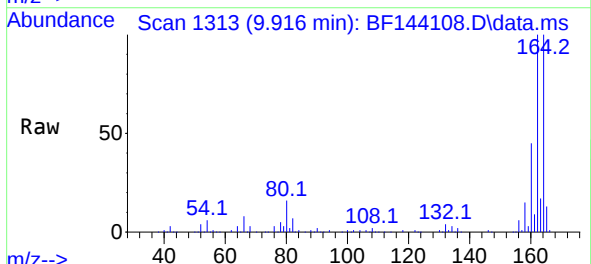


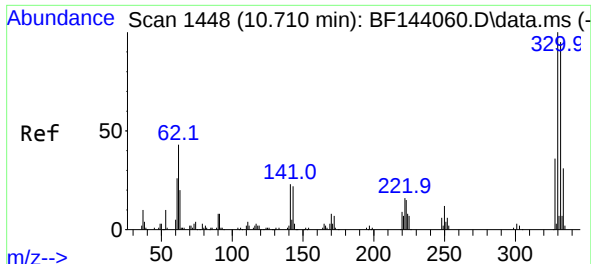
Tgt Ion: 82 Resp: 407685
Ion Ratio Lower Upper
82 100
128 40.4 32.4 48.6
54 63.6 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

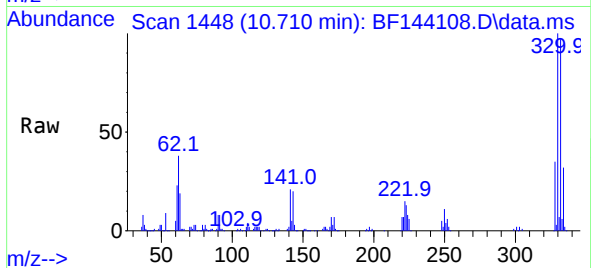
Tgt Ion: 164 Resp: 156621
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 44.7 36.7 55.1



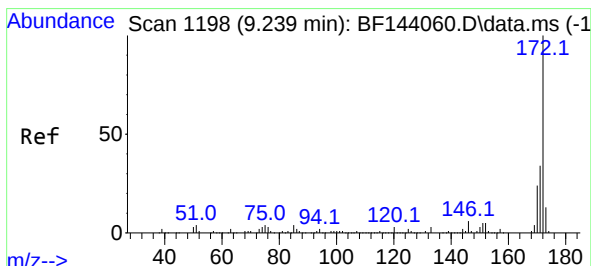
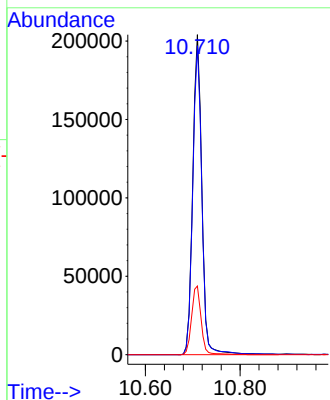
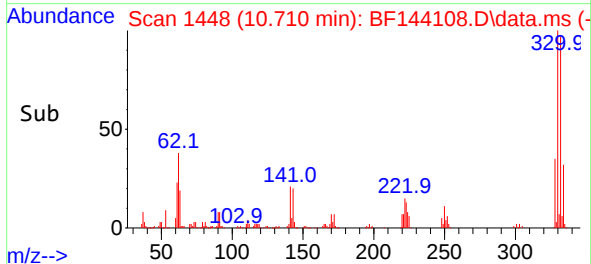


#42
2,4,6-Tribromophenol
Concen: 137.166 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

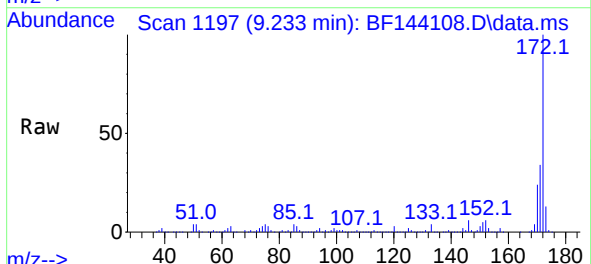
Instrument :
BNA_F
ClientSampleId :
TP-10



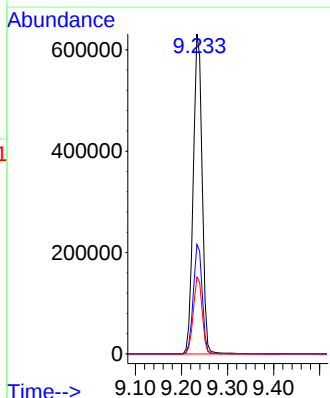
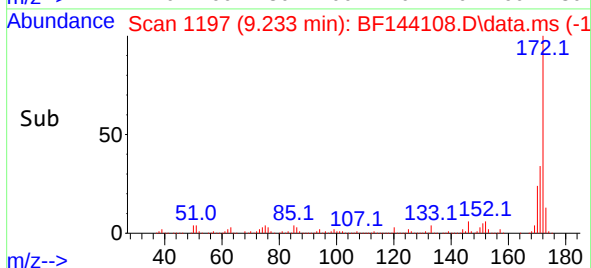
Tgt Ion:330 Resp: 273653
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 22.4 19.4 29.0

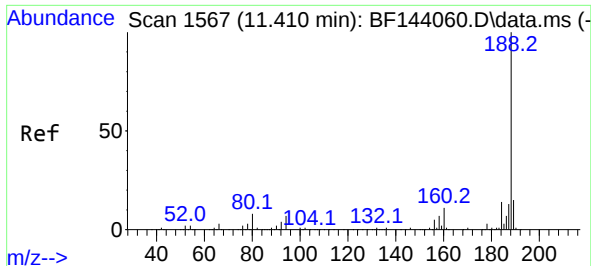


#45
2-Fluorobiphenyl
Concen: 75.955 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44



Tgt Ion:172 Resp: 845370
Ion Ratio Lower Upper
172 100
171 34.2 27.5 41.3
170 24.0 19.0 28.6

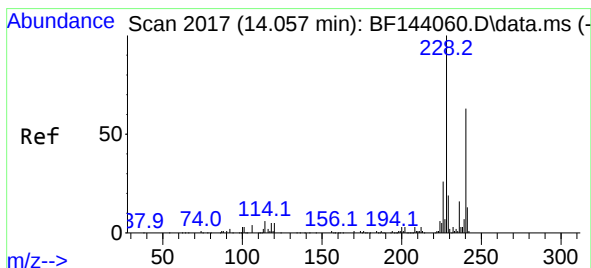
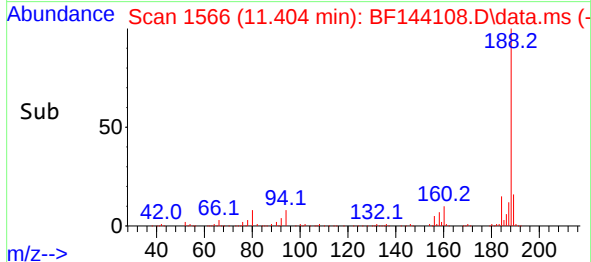
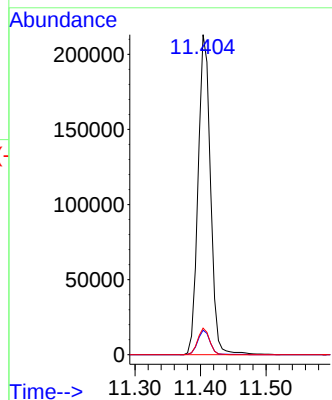
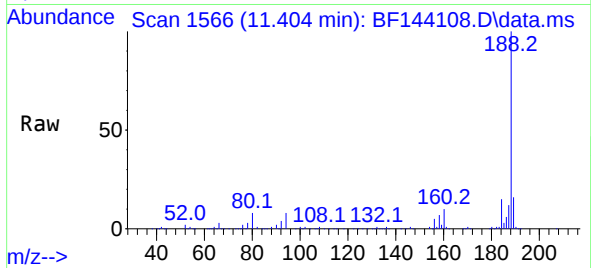




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

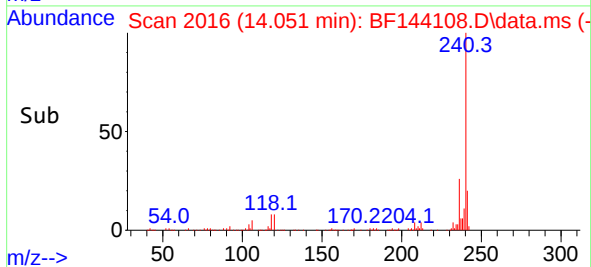
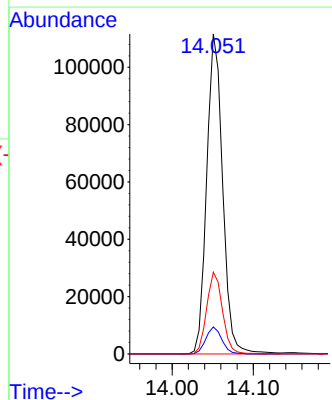
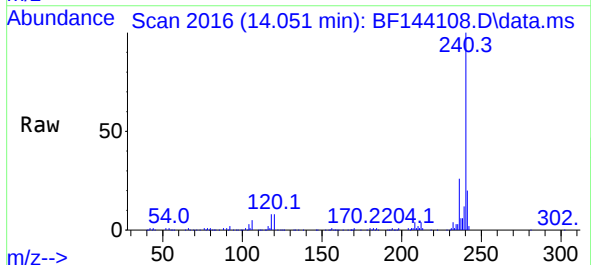
Instrument :
BNA_F
ClientSampleId :
TP-10

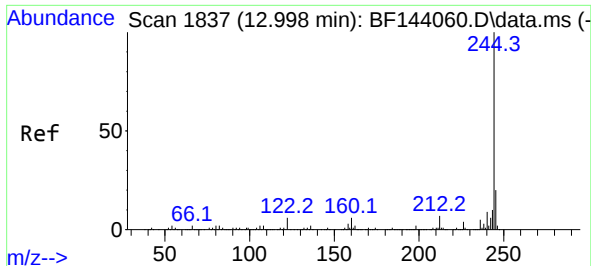
Tgt Ion:188 Resp: 281038
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 8.3 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

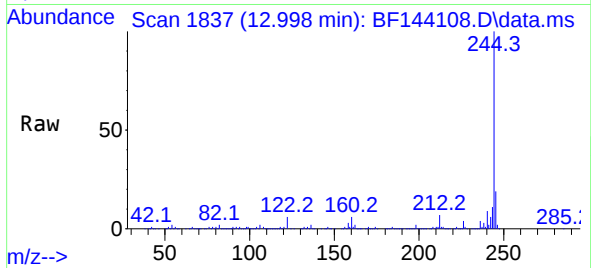
Tgt Ion:240 Resp: 152325
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 25.5 20.1 30.1



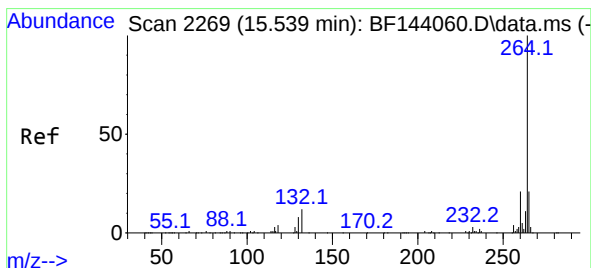
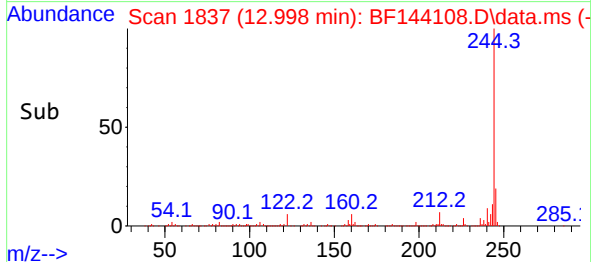
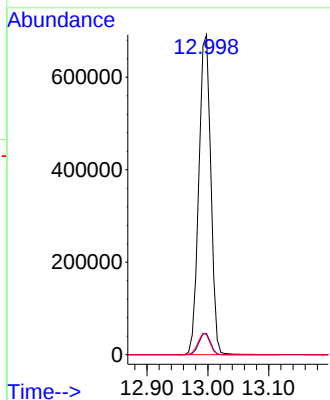


#79
Terphenyl-d14
Concen: 108.052 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 941473
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 6.3 4.9 7.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF144108.D
Acq: 28 Oct 2025 18:44

Tgt Ion:264 Resp: 185981
Ion Ratio Lower Upper
264 100
260 21.8 17.0 25.4
265 21.4 16.6 24.8

