

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144109.D
 Acq On : 28 Oct 2025 19:13
 Operator : RC/JU
 Sample : Q3440-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JB-2

Quant Time: Oct 29 05:45:42 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	67393	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	267612	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	160096	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	289566	20.000	ng	0.00
76) Chrysene-d12	14.051	240	160549	20.000	ng	0.00
86) Perylene-d12	15.533	264	172307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	478150	112.250	ng	0.02
7) Phenol-d6	6.510	99	520907	110.728	ng	0.00
23) Nitrobenzene-d5	7.439	82	396224	81.117	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	273442	134.085	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	836805	73.554	ng	0.00
79) Terphenyl-d14	12.998	244	968111	105.418	ng	0.00

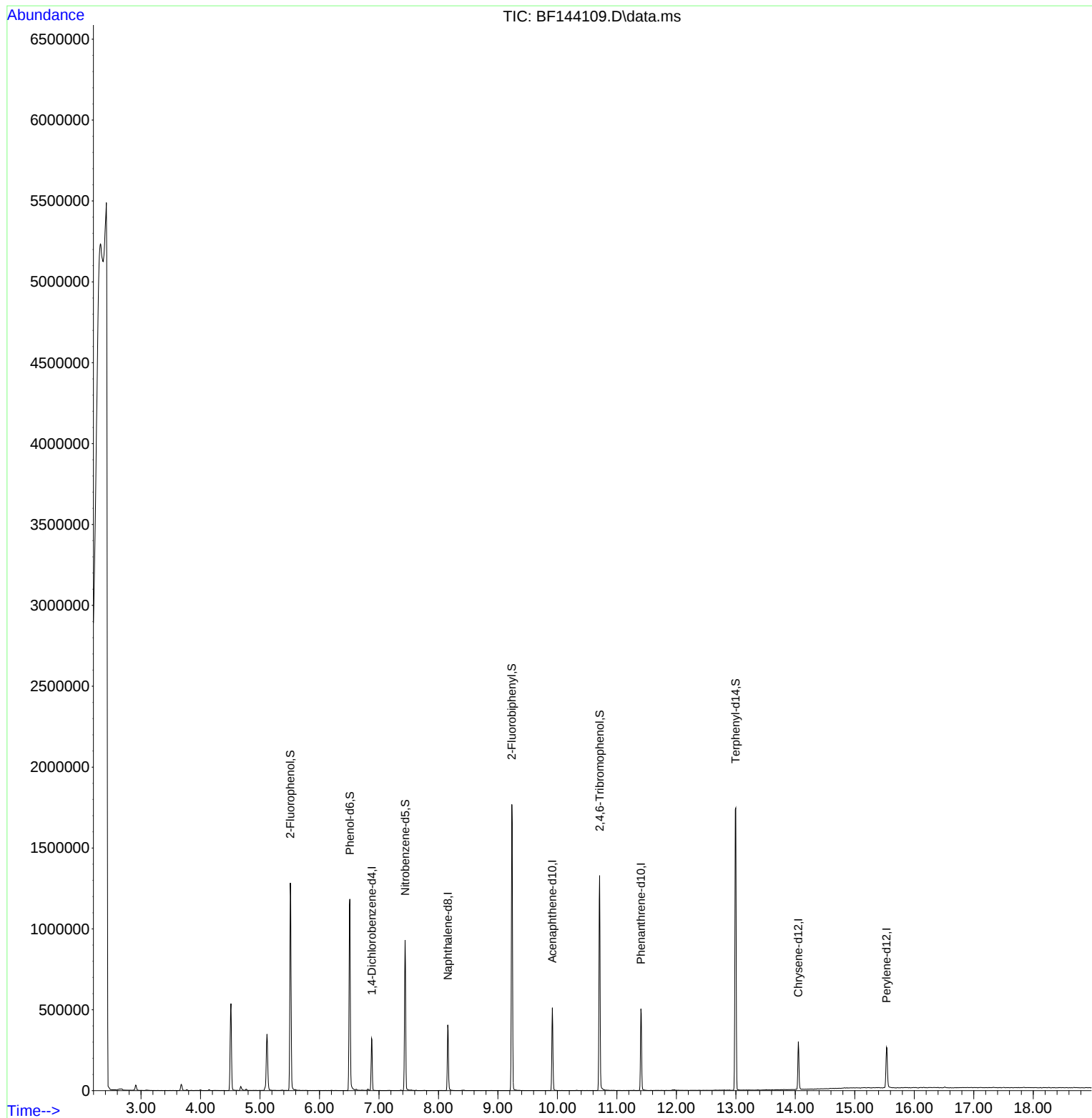
Target Compounds	Qvalue

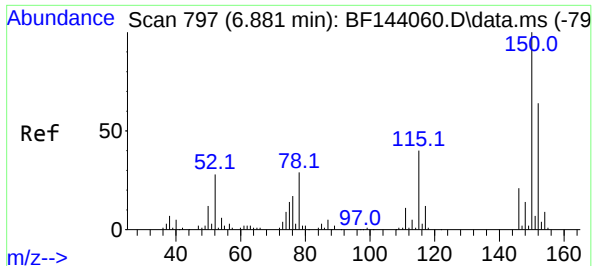
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
Data File : BF144109.D
Acq On : 28 Oct 2025 19:13
Operator : RC/JU
Sample : Q3440-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JB-2

Quant Time: Oct 29 05:45:42 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

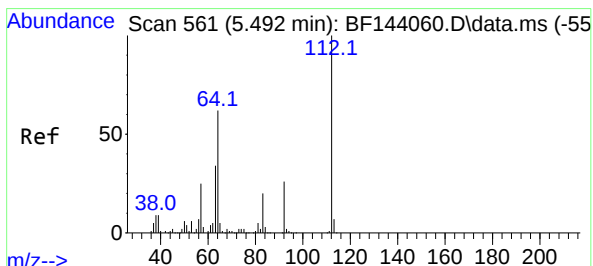
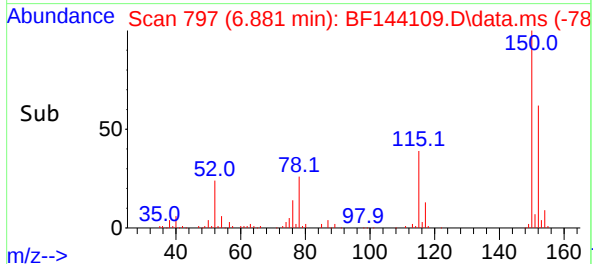
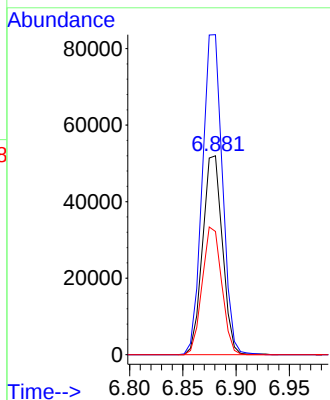
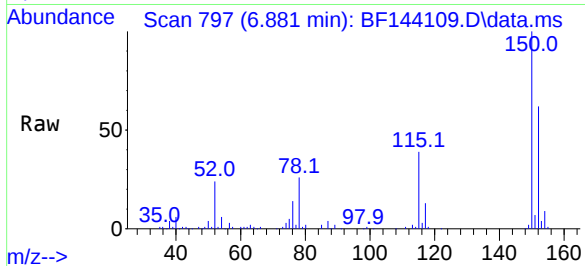




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

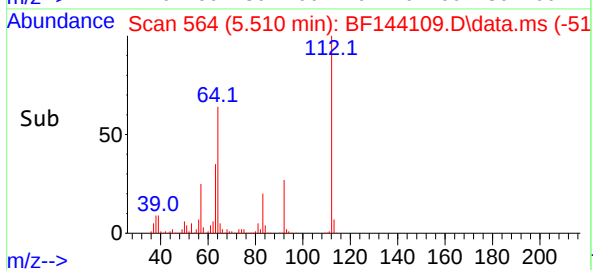
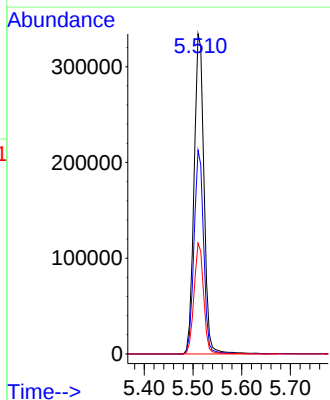
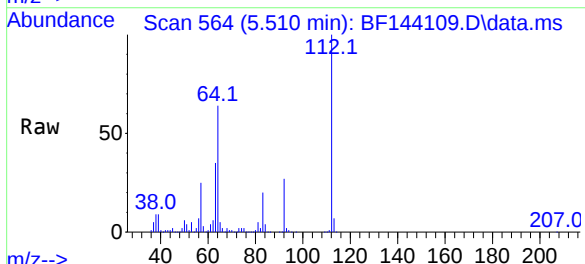
Instrument :
BNA_F
ClientSampleId :
JB-2

Tgt Ion:152 Resp: 67393
Ion Ratio Lower Upper
152 100
150 160.9 124.4 186.6
115 62.0 49.4 74.0



#5
2-Fluorophenol
Concen: 112.250 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

Tgt Ion:112 Resp: 478150
Ion Ratio Lower Upper
112 100
64 63.6 49.8 74.8
63 34.6 27.4 41.2

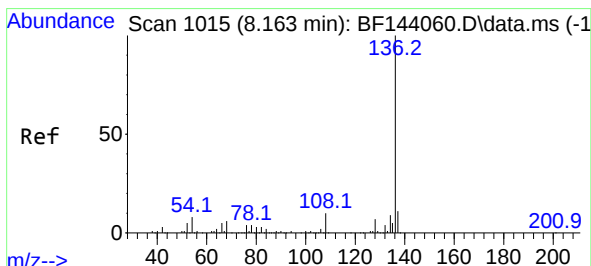
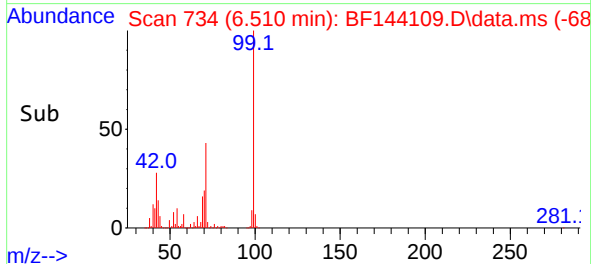
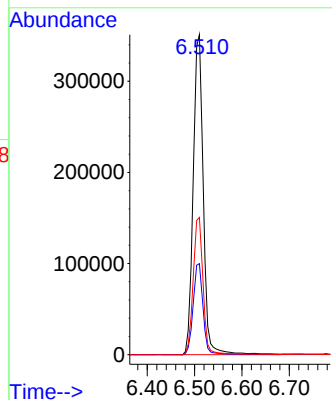
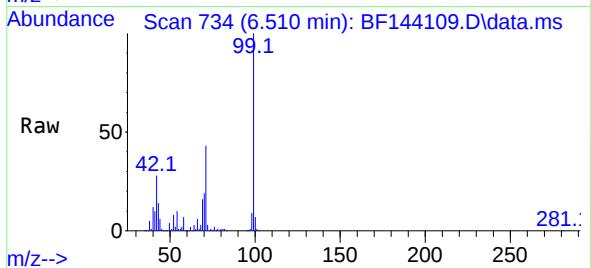




#7
Phenol-d6
Concen: 110.728 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

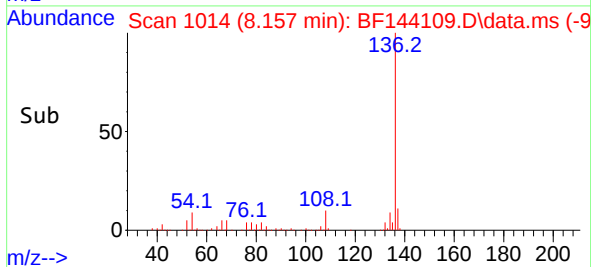
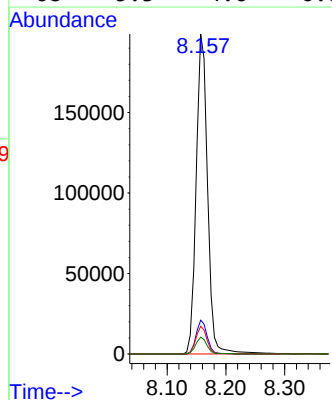
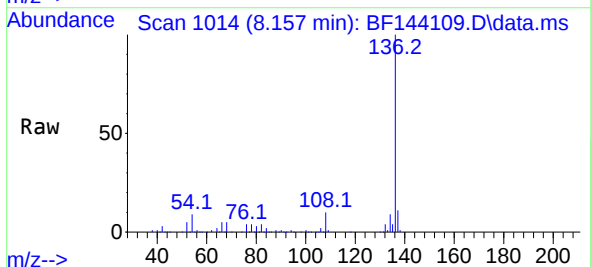
Instrument :
BNA_F
ClientSampleId :
JB-2

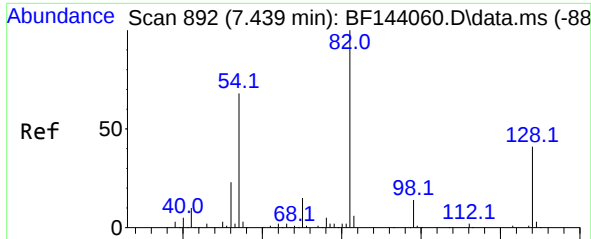
Tgt Ion: 99 Resp: 520907
Ion Ratio Lower Upper
99 100
42 28.5 23.9 35.9
71 42.9 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

Tgt Ion: 136 Resp: 267612
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 6.6 9.8
68 5.3 4.6 6.8

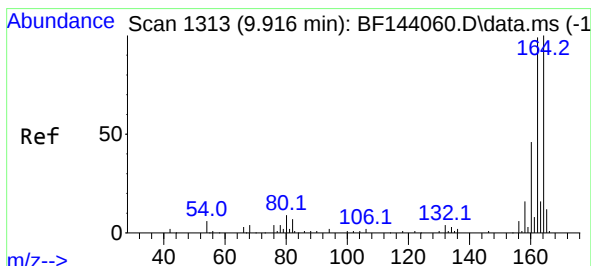
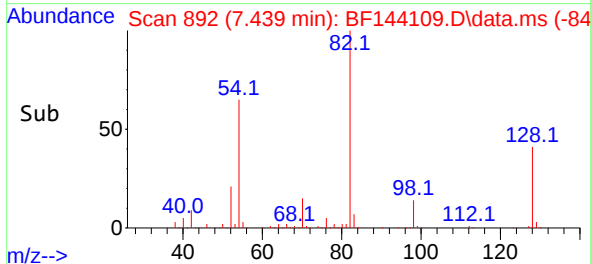
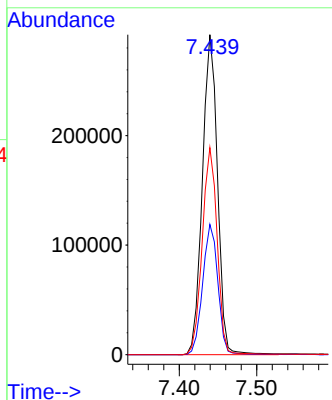
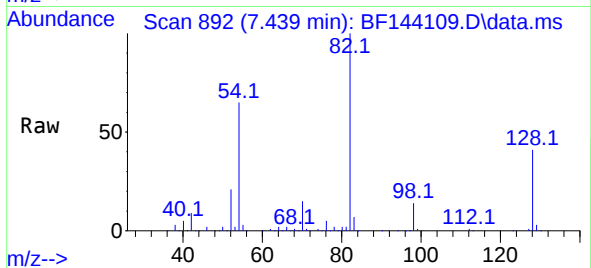




#23
Nitrobenzene-d5
Concen: 81.117 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

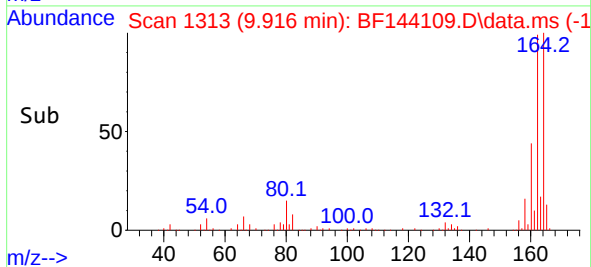
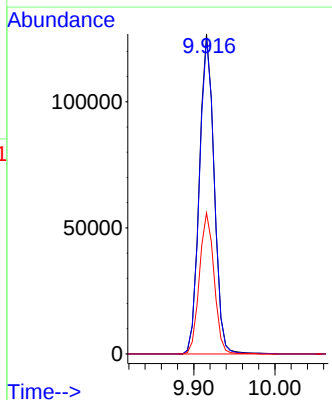
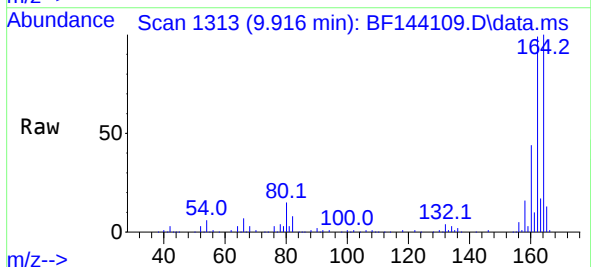
Instrument :
BNA_F
ClientSampleId :
JB-2

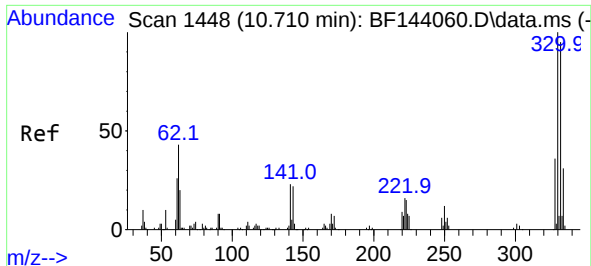
Tgt Ion: 82 Resp: 396224
Ion Ratio Lower Upper
82 100
128 40.7 32.4 48.6
54 64.7 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

Tgt Ion:164 Resp: 160096
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.2
160 44.1 36.7 55.1

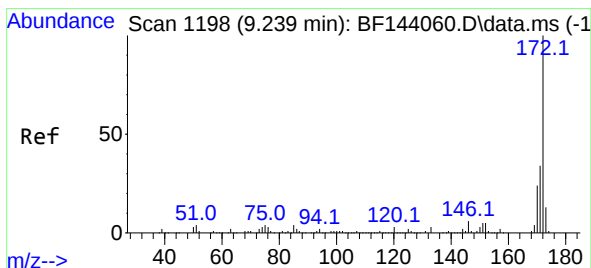
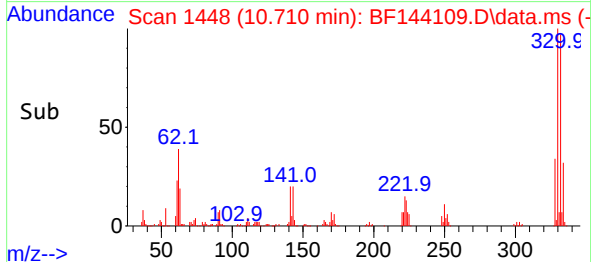
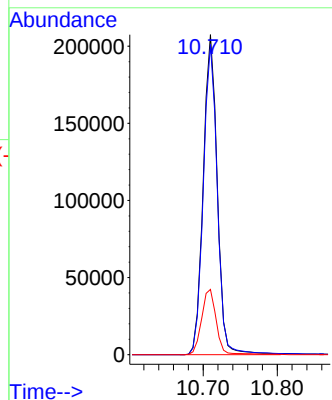
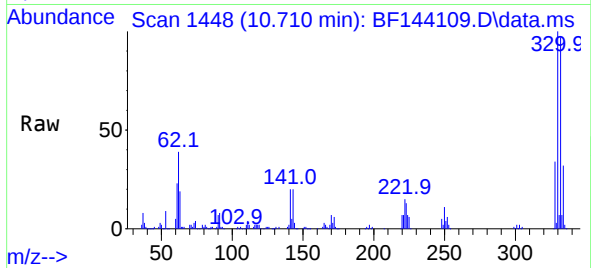




#42
2,4,6-Tribromophenol
Concen: 134.085 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

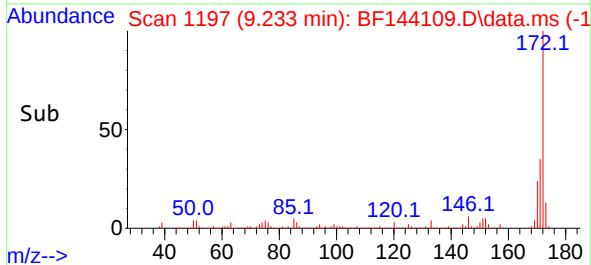
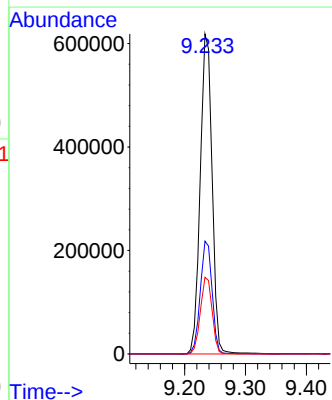
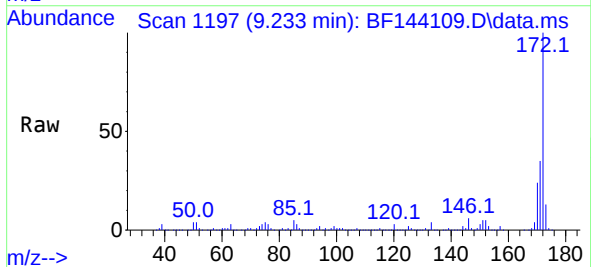
Instrument :
BNA_F
ClientSampleId :
JB-2

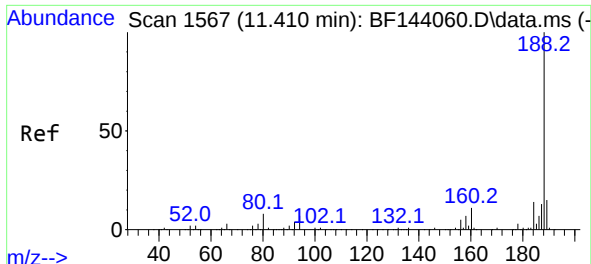
Tgt Ion:330 Resp: 273442
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 21.5 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 73.554 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

Tgt Ion:172 Resp: 836805
Ion Ratio Lower Upper
172 100
171 35.3 27.5 41.3
170 24.0 19.0 28.6

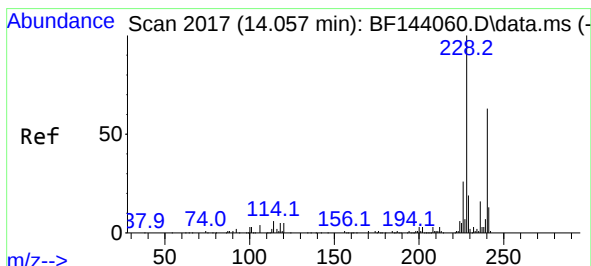
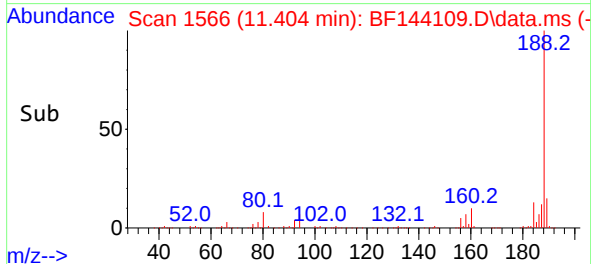
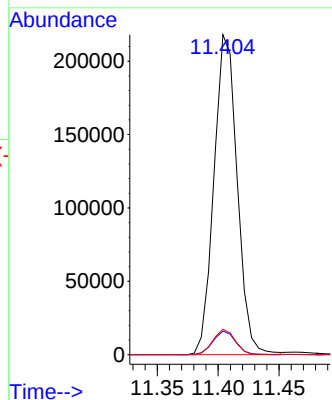
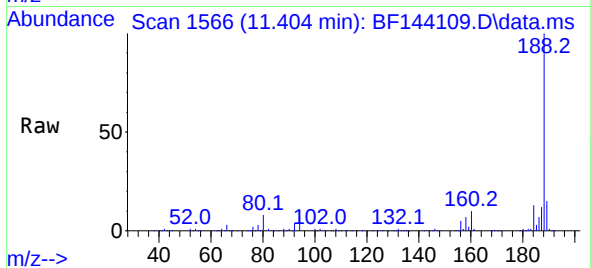




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

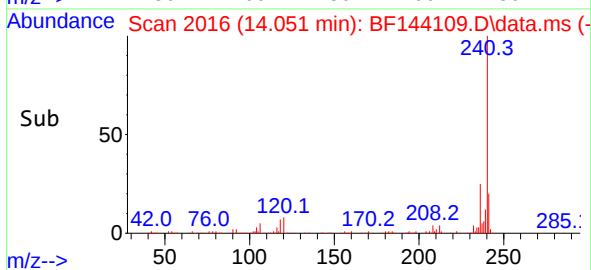
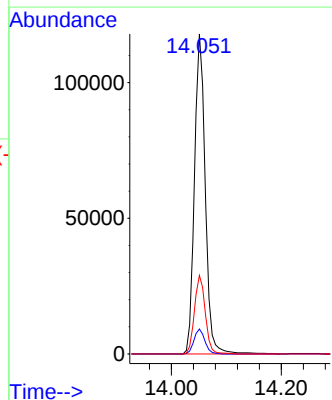
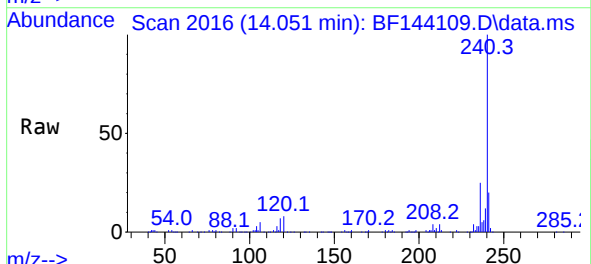
Instrument :
BNA_F
ClientSampleId :
JB-2

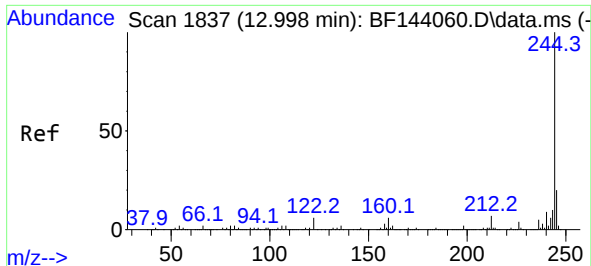
Tgt Ion:188 Resp: 289566
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 7.9 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

Tgt Ion:240 Resp: 160549
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 24.6 20.1 30.1

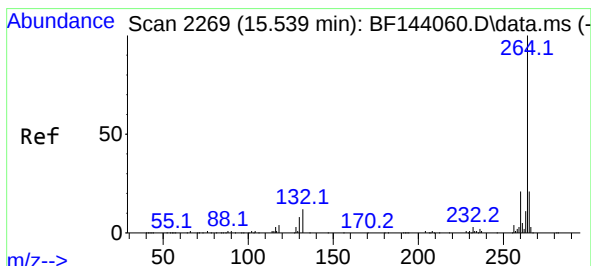
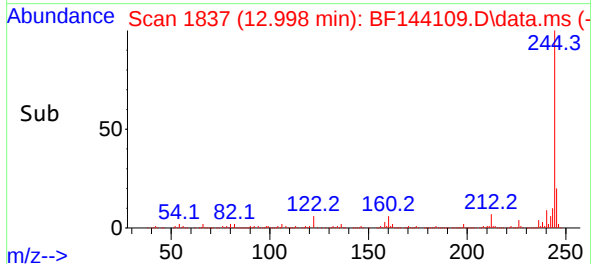
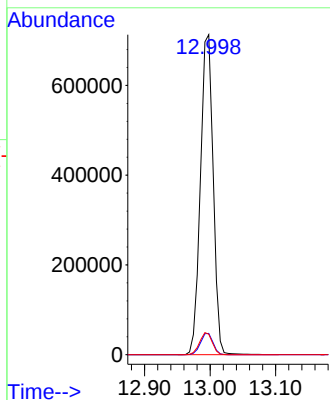
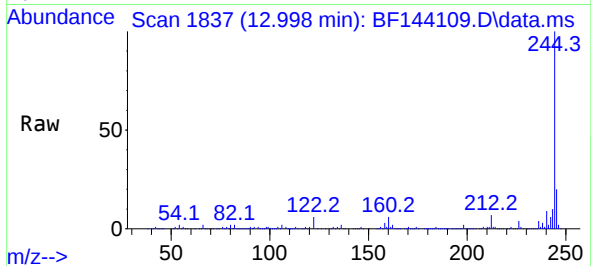




#79
Terphenyl-d14
Concen: 105.418 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF144109.D
Acq: 28 Oct 2025 19:13

Instrument :
BNA_F
ClientSampleId :
JB-2

Tgt Ion:244 Resp: 968111
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 6.4 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: BF144109.D
Acq: 28 Oct 2025 19:13

Tgt Ion:264 Resp: 172307
Ion Ratio Lower Upper
264 100
260 21.5 17.0 25.4
265 21.5 16.6 24.8

