

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144208.D
 Acq On : 11 Nov 2025 18:02
 Operator : RC/JU
 Sample : PB170462TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170462TB

Quant Time: Nov 12 03:43:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73788	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	290573	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	167180	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	320455	20.000	ng	0.00
76) Chrysene-d12	14.057	240	257139	20.000	ng	0.00
86) Perylene-d12	15.539	264	208948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	547772	116.170	ng	0.01
7) Phenol-d6	6.504	99	623574	116.714	ng	0.00
23) Nitrobenzene-d5	7.434	82	409400	81.373	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	272327	129.808	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	894101	78.988	ng	0.00
79) Terphenyl-d14	12.998	244	1241480	76.689	ng	0.00

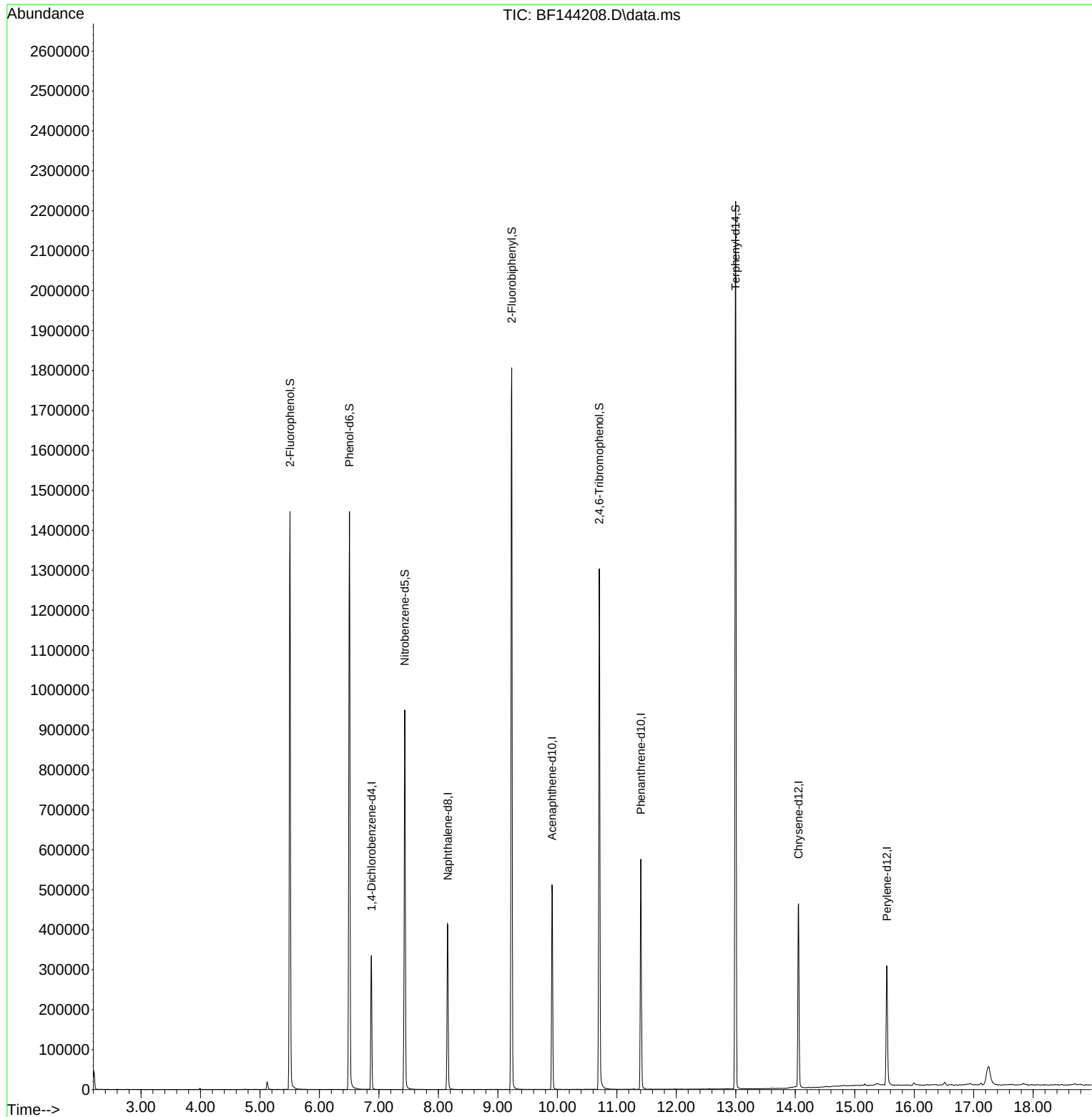
Target Compounds	Qvalue

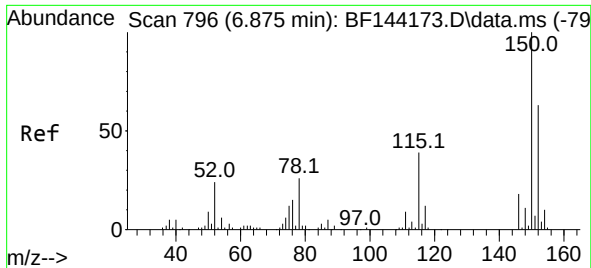
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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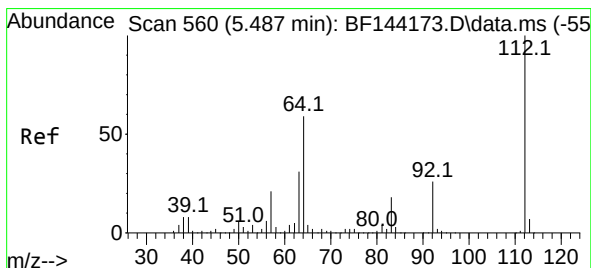
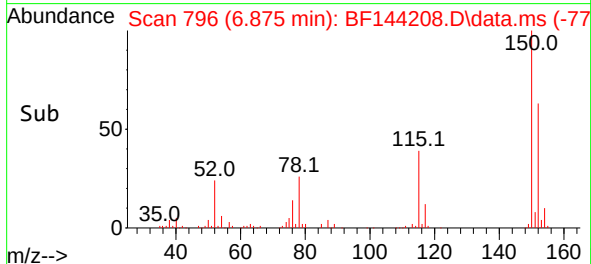
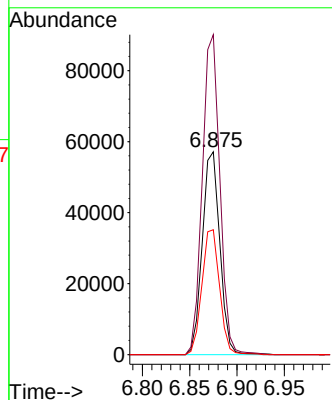
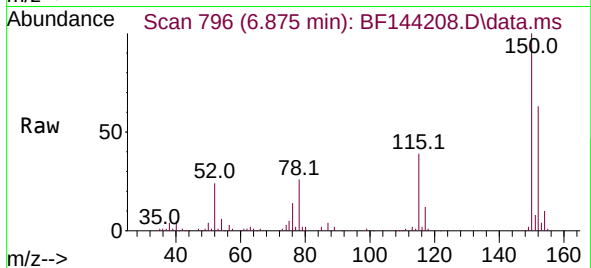




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144208.D
Acq: 11 Nov 2025 18:02

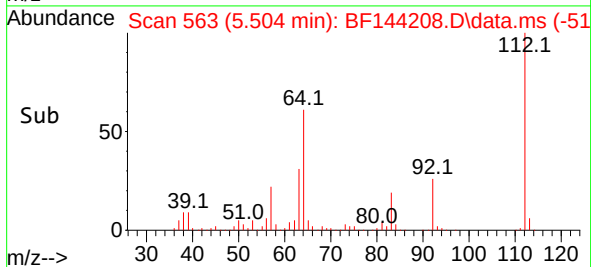
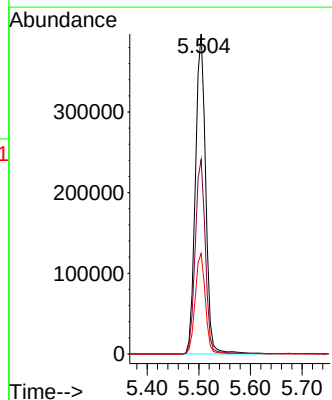
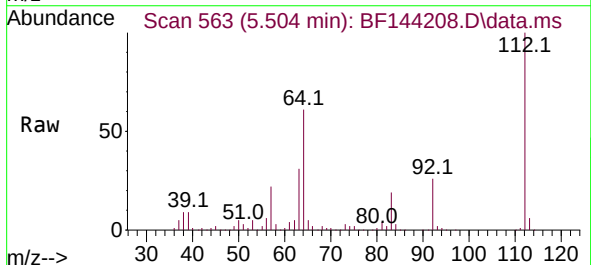
Instrument :
BNA_F
ClientSampleId :
PB170462TB

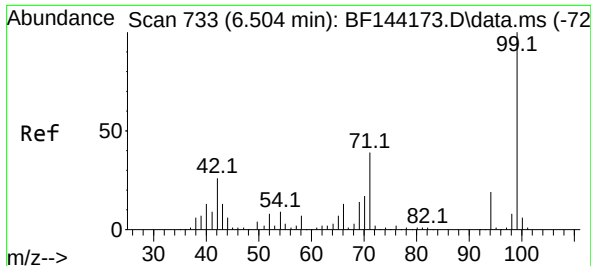
Tgt Ion:152 Resp: 73788
Ion Ratio Lower Upper
152 100
150 157.8 127.4 191.0
115 61.6 49.5 74.3



#5
2-Fluorophenol
Concen: 116.170 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144208.D
Acq: 11 Nov 2025 18:02

Tgt Ion:112 Resp: 547772
Ion Ratio Lower Upper
112 100
64 60.7 47.2 70.8
63 31.4 24.4 36.6

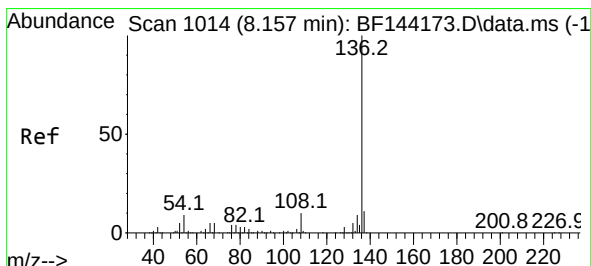
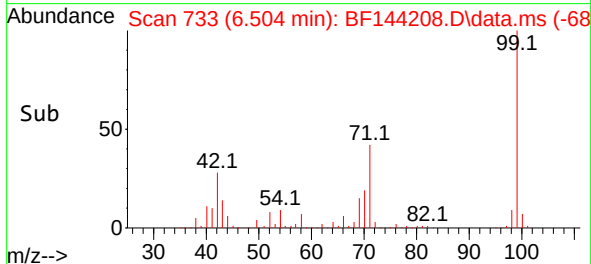
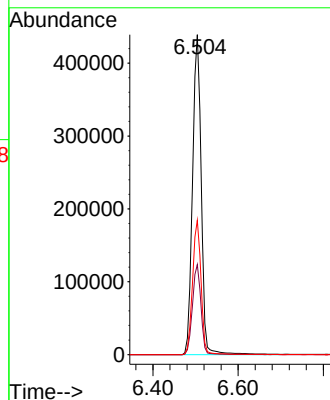
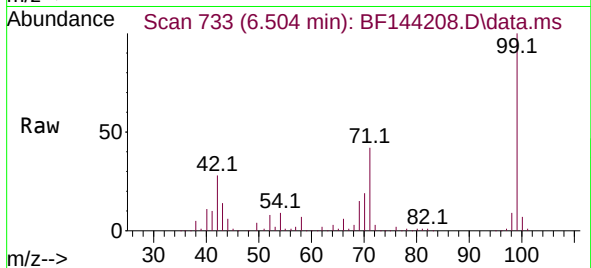




#7
Phenol-d6
Concen: 116.714 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144208.D
Acq: 11 Nov 2025 18:02

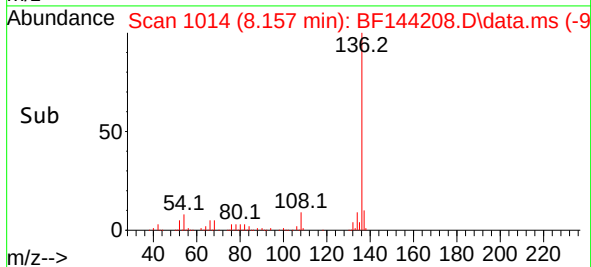
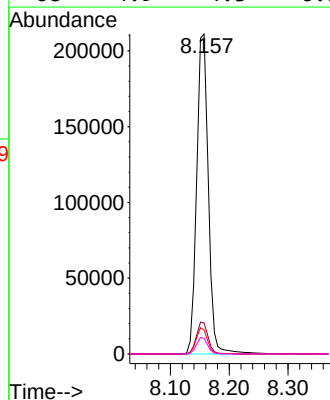
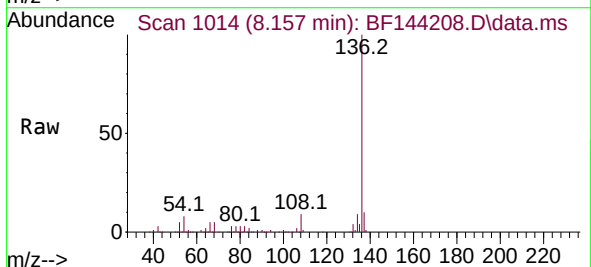
Instrument :
BNA_F
ClientSampleId :
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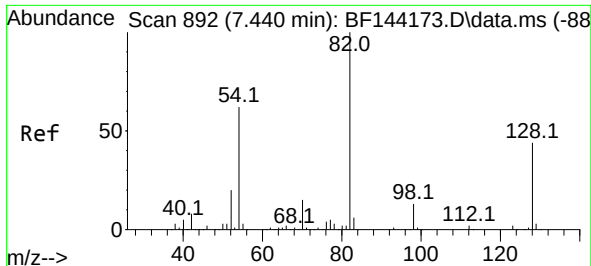
Tgt Ion: 99 Resp: 623574
Ion Ratio Lower Upper
99 100
42 28.1 20.9 31.3
71 42.0 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144208.D
Acq: 11 Nov 2025 18:02

Tgt Ion: 136 Resp: 290573
Ion Ratio Lower Upper
136 100
137 9.7 8.6 13.0
54 7.5 7.0 10.6
68 4.9 4.3 6.5

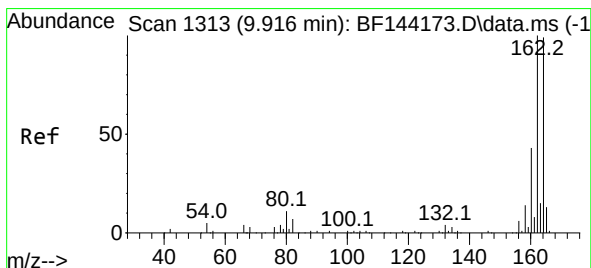
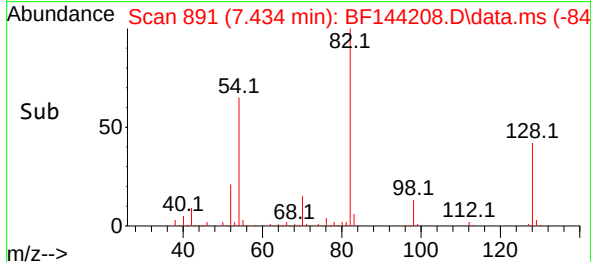
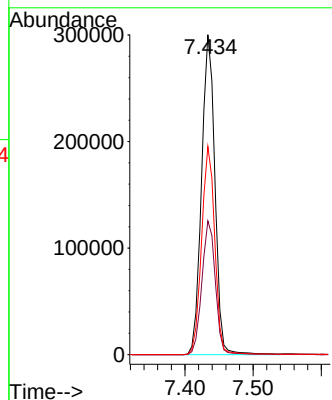
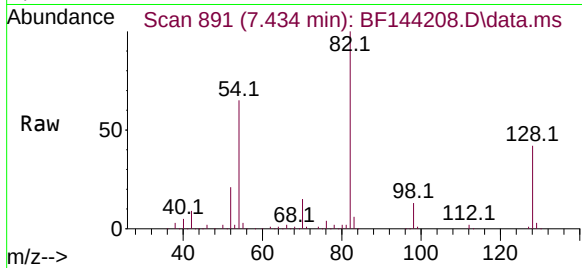




#23
 Nitrobenzene-d5
 Concen: 81.373 ng
 RT: 7.434 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: BF144208.D
 Acq: 11 Nov 2025 18:02

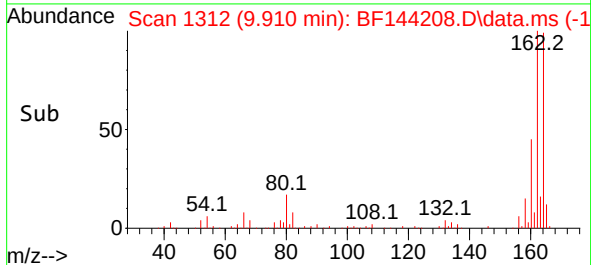
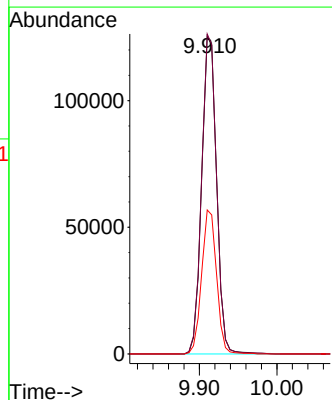
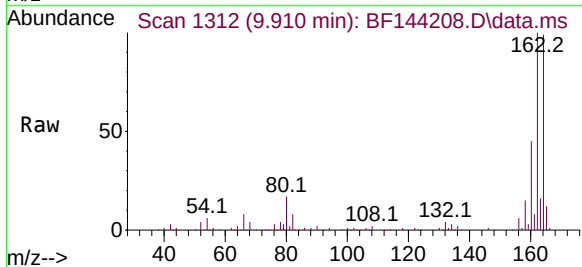
Instrument :
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 ClientSampleId :
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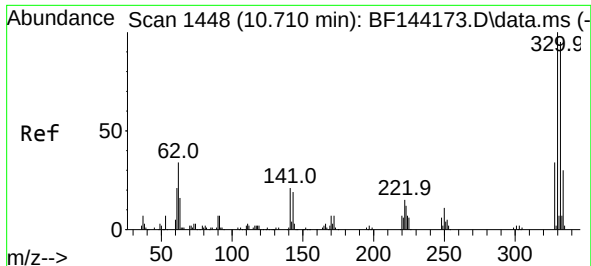
Tgt Ion: 82 Resp: 409400
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.7 52.1
 54 65.0 49.5 74.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1312
 Delta R.T. -0.006 min
 Lab File: BF144208.D
 Acq: 11 Nov 2025 18:02

Tgt Ion: 164 Resp: 167180
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.1 121.7
 160 45.2 34.5 51.7

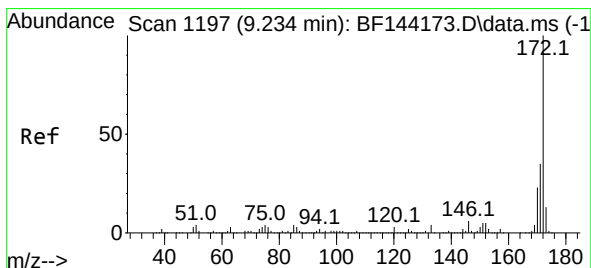
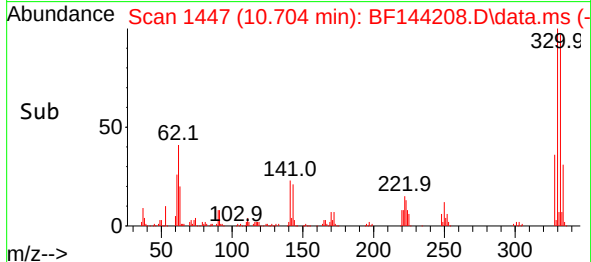
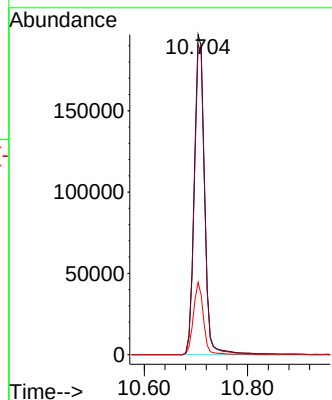
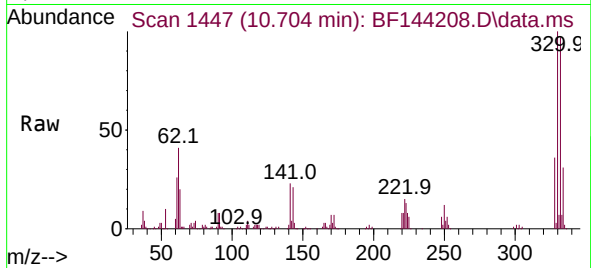




#42
2,4,6-Tribromophenol
Concen: 129.808 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144208.D
Acq: 11 Nov 2025 18:02

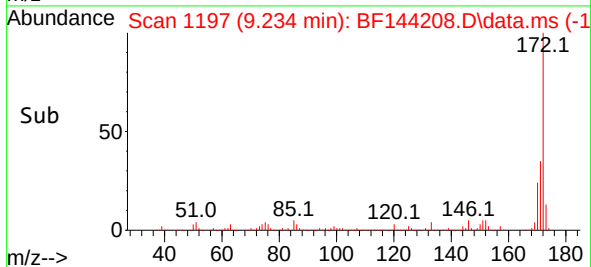
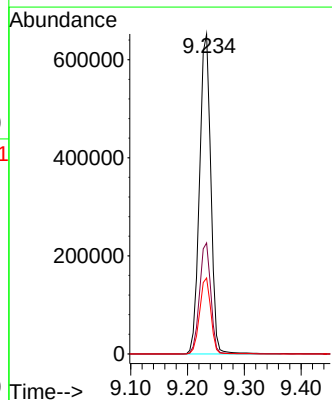
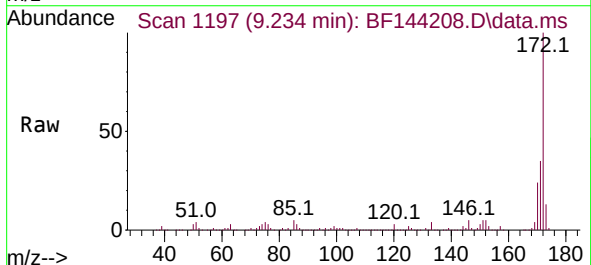
Instrument :
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ClientSampleId :
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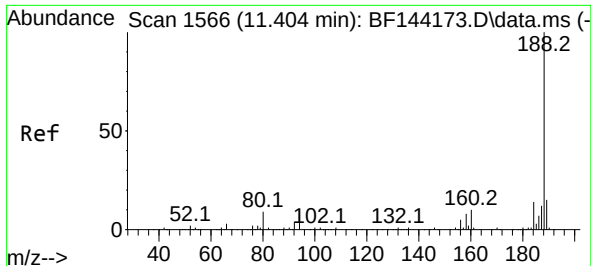
Tgt Ion:330 Resp: 272327
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 21.8 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 78.988 ng
RT: 9.234 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144208.D
Acq: 11 Nov 2025 18:02

Tgt Ion:172 Resp: 894101
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.7 18.6 28.0

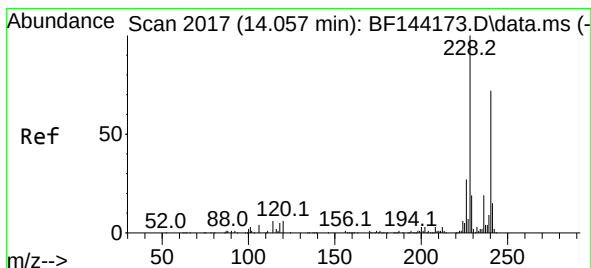
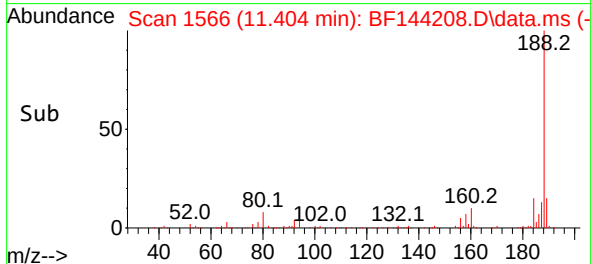
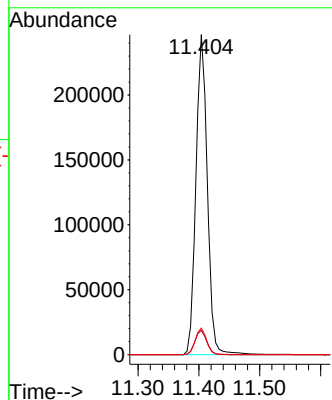
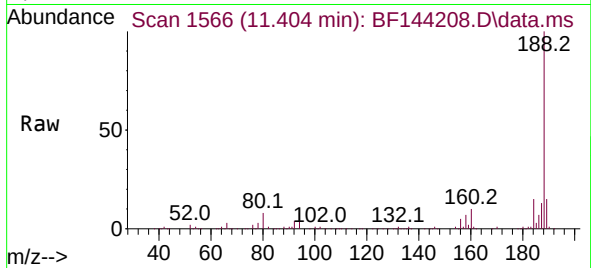




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144208.D
Acq: 11 Nov 2025 18:02

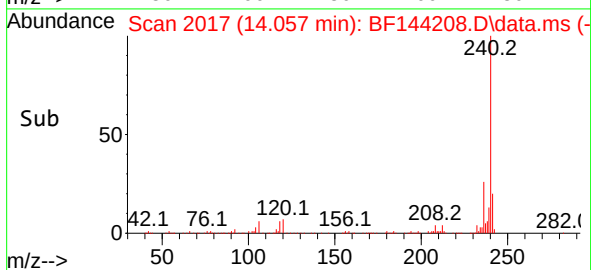
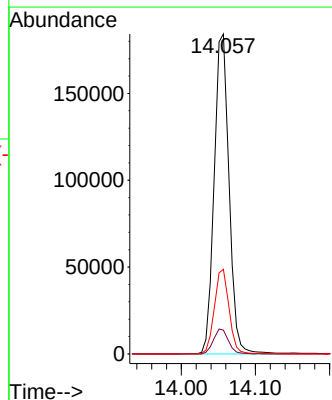
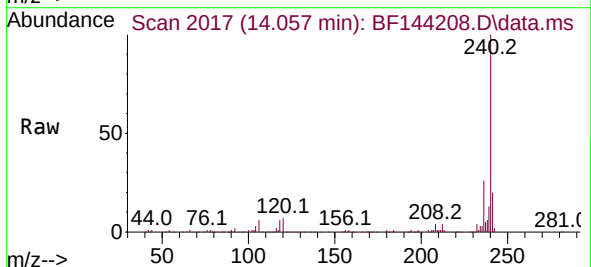
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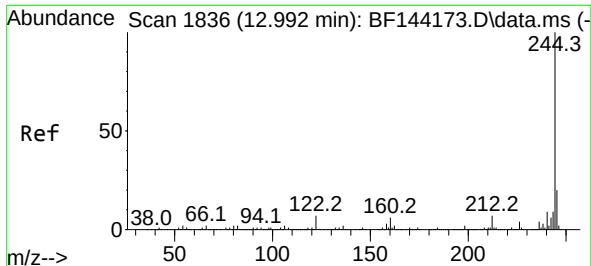
Tgt Ion:188 Resp: 320455
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144208.D
Acq: 11 Nov 2025 18:02

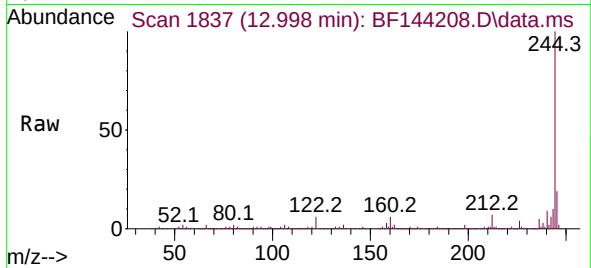
Tgt Ion:240 Resp: 257139
Ion Ratio Lower Upper
240 100
120 7.4 6.6 10.0
236 26.4 21.4 32.2



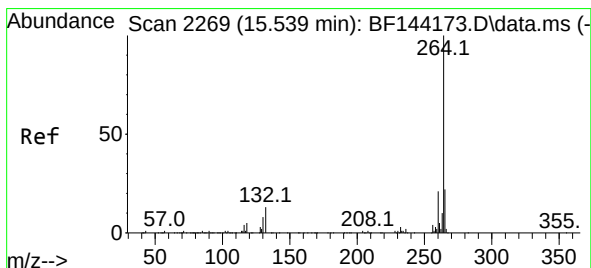
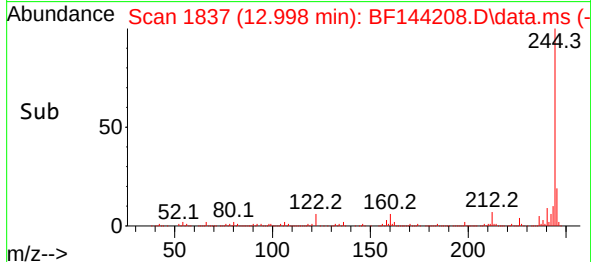
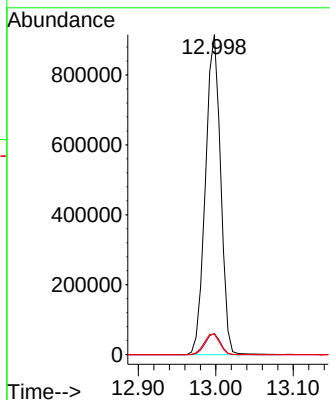


#79
 Terphenyl-d14
 Concen: 76.689 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF144208.D
 Acq: 11 Nov 2025 18:02

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1241480
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 6.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF144208.D
 Acq: 11 Nov 2025 18:02

Tgt Ion:264 Resp: 208948
 Ion Ratio Lower Upper
 264 100
 260 21.7 17.1 25.7
 265 22.2 17.4 26.0

