

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144183.D
 Acq On : 06 Nov 2025 12:56
 Operator : RC/JU
 Sample : Q3549-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4922

Quant Time: Nov 06 13:23:39 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)

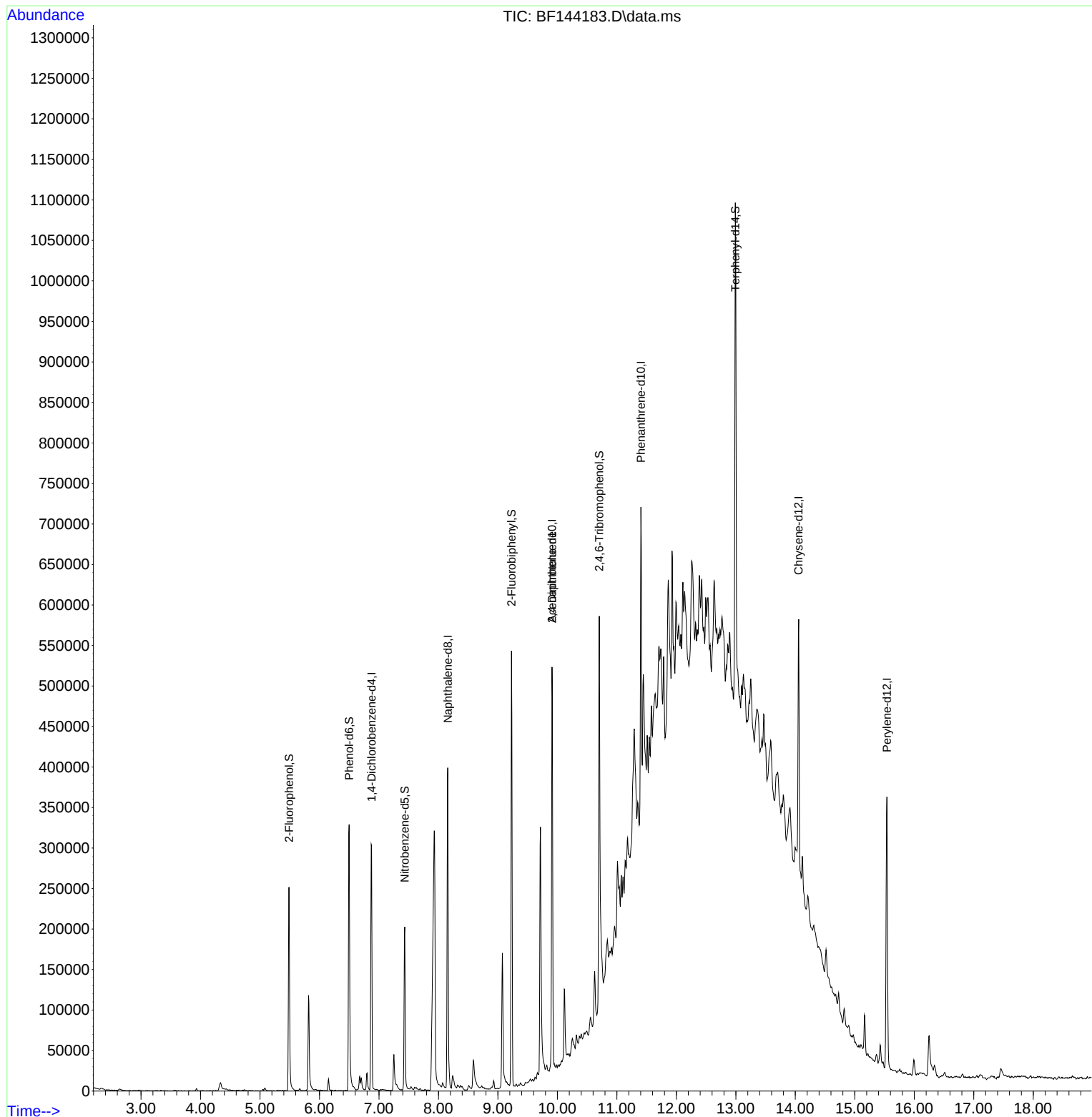
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66420	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	259734	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	136735	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	217093	20.000	ng	0.00
76) Chrysene-d12	14.057	240	166242	20.000	ng	0.00
86) Perylene-d12	15.539	264	221740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	106697	25.138	ng	0.00
7) Phenol-d6	6.498	99	153342	31.885	ng	0.00
23) Nitrobenzene-d5	7.434	82	84989	18.898	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	96589	56.292	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	244241	26.382	ng	0.00
79) Terphenyl-d14	12.992	244	306212	29.258	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	9.910	165	18672	7.606	ng	Qvalue # 29

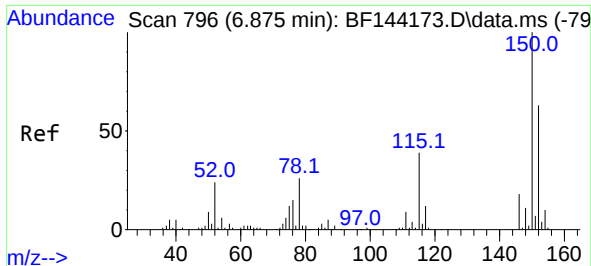
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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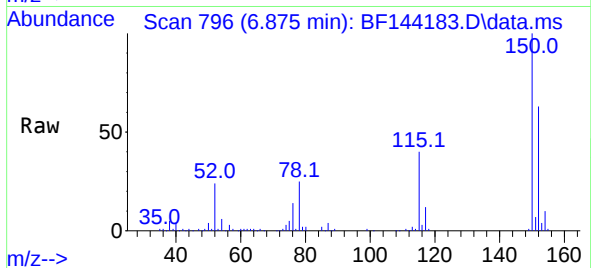
Quant Time: Nov 06 13:23:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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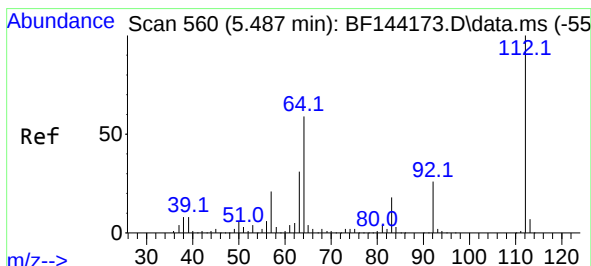
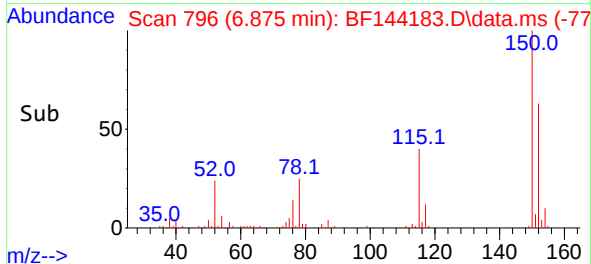
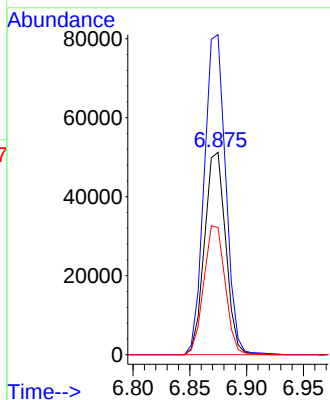


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

Instrument :
BNA_F
ClientSampleId :
RT4922

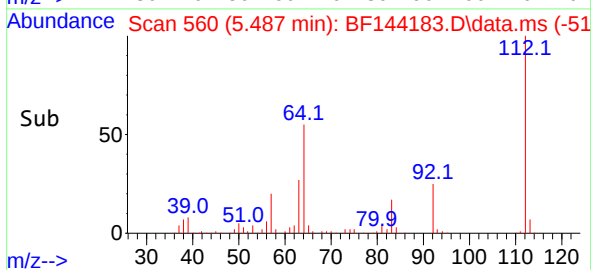
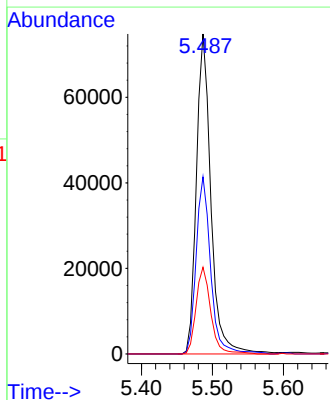
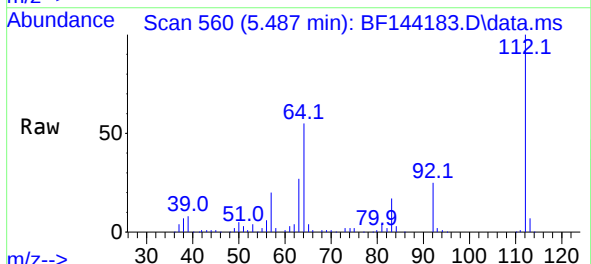


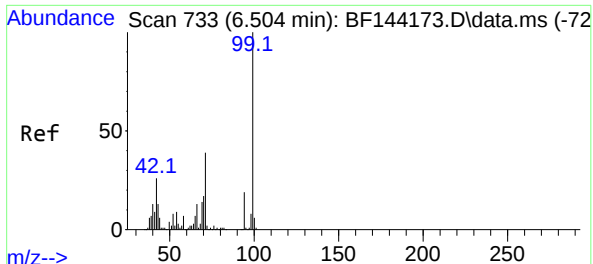
Tgt Ion:152 Resp: 66420
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.0
115 62.8 49.5 74.3



#5
2-Fluorophenol
Concen: 25.138 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

Tgt Ion:112 Resp: 106697
Ion Ratio Lower Upper
112 100
64 55.4 47.2 70.8
63 27.1 24.4 36.6

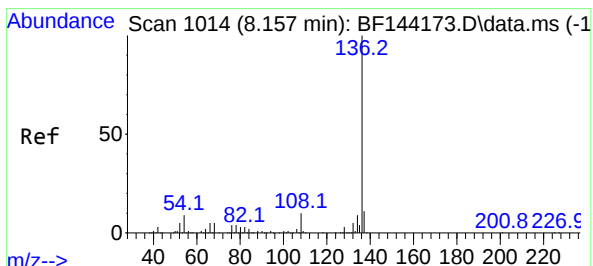
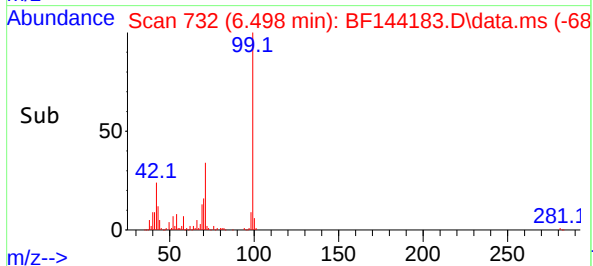
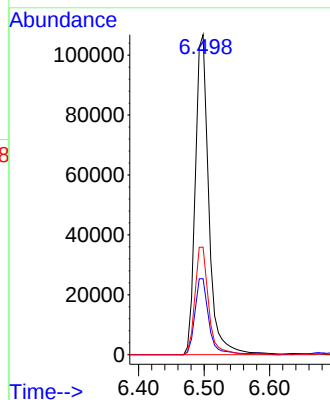
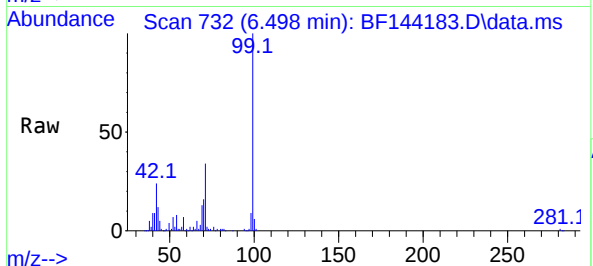




#7
Phenol-d6
Concen: 31.885 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

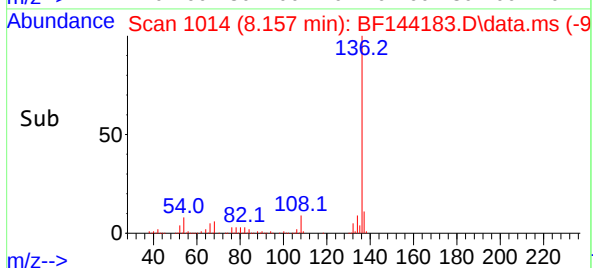
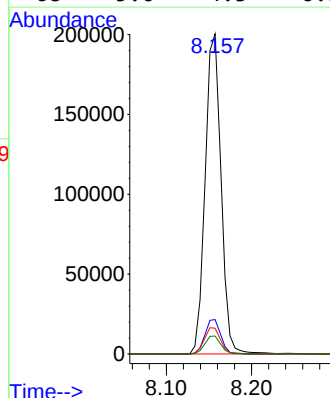
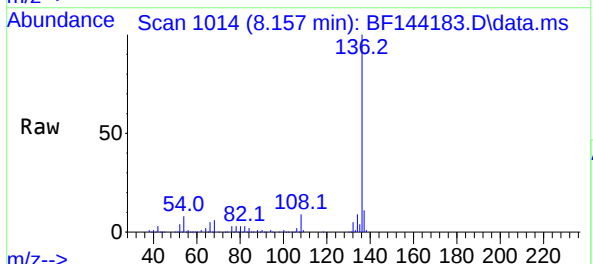
Instrument :
BNA_F
ClientSampleId :
RT4922

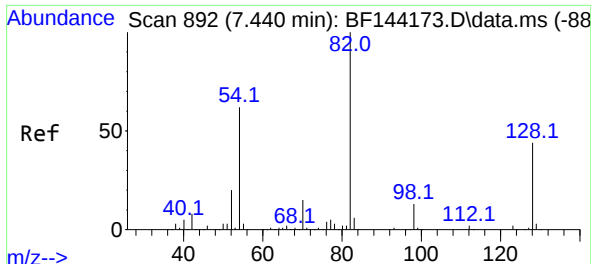
Tgt Ion: 99 Resp: 153342
Ion Ratio Lower Upper
99 100
42 23.7 20.9 31.3
71 33.6 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

Tgt Ion: 136 Resp: 259734
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.1 7.0 10.6
68 5.6 4.3 6.5

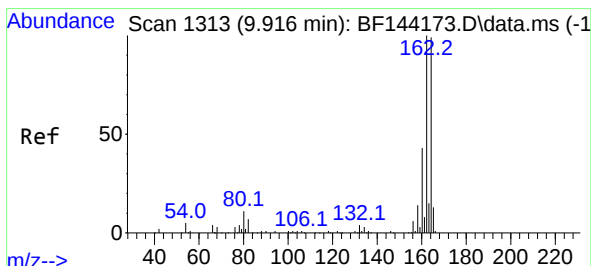
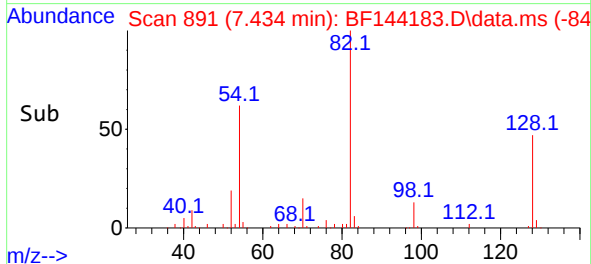
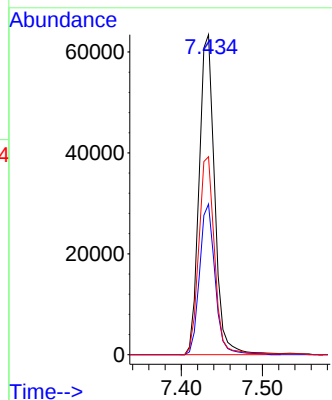
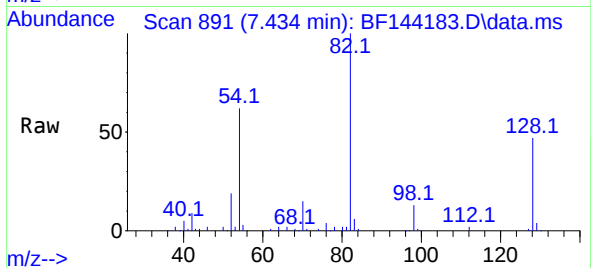




#23
Nitrobenzene-d5
Concen: 18.898 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

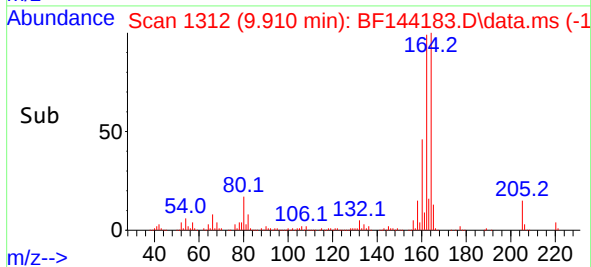
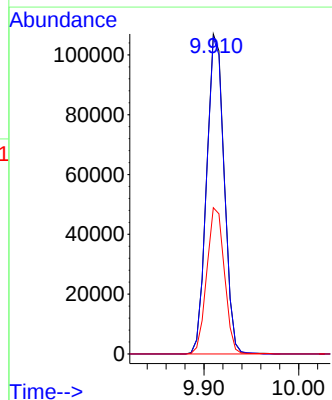
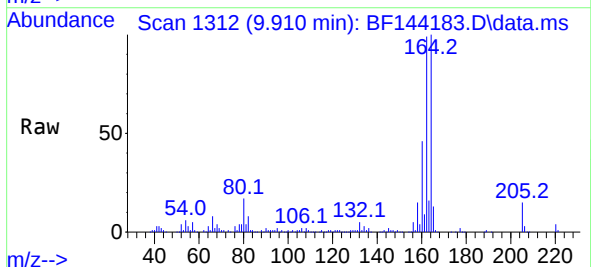
Instrument :
BNA_F
ClientSampleId :
RT4922

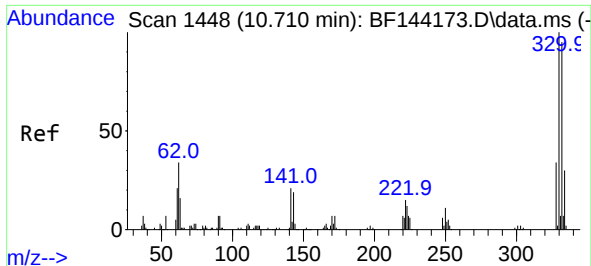
Tgt Ion: 82 Resp: 84989
Ion Ratio Lower Upper
82 100
128 47.0 34.7 52.1
54 61.9 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

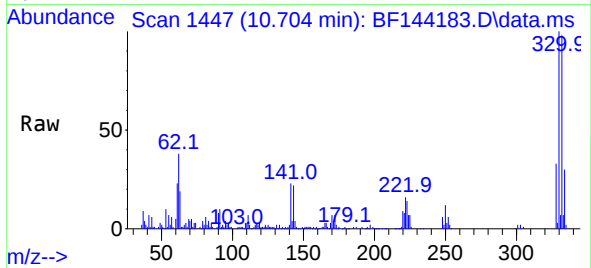
Tgt Ion: 164 Resp: 136735
Ion Ratio Lower Upper
164 100
162 98.9 81.1 121.7
160 45.7 34.5 51.7



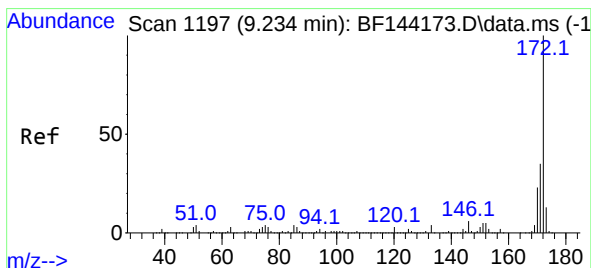
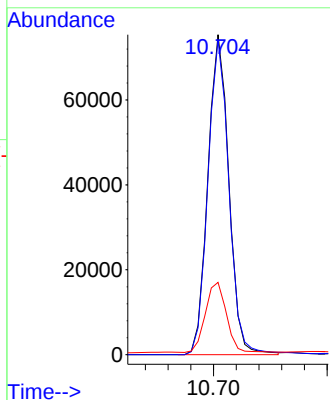
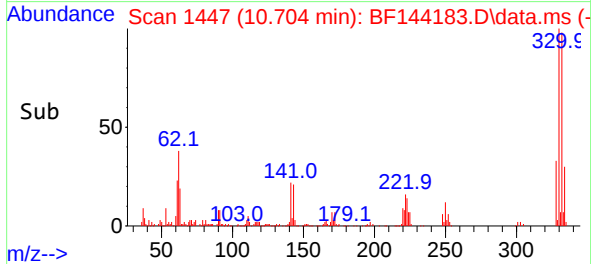


#42
2,4,6-Tribromophenol
Concen: 56.292 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

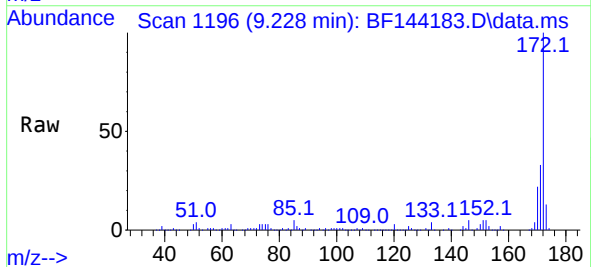
Instrument :
BNA_F
ClientSampleId :
RT4922



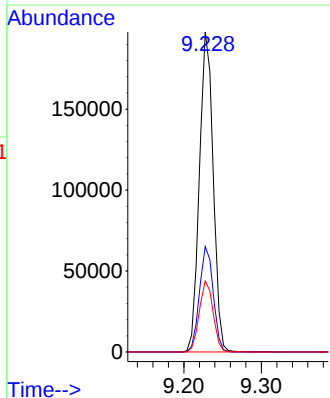
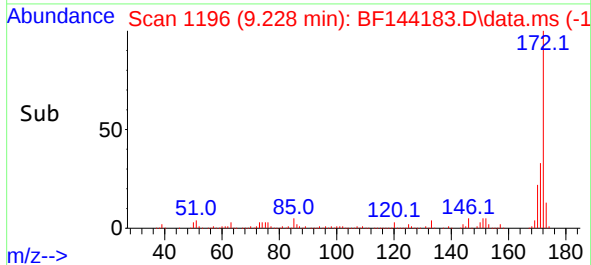
Tgt Ion:330 Resp: 96589
Ion Ratio Lower Upper
330 100
332 99.1 76.7 115.1
141 22.7 17.8 26.8

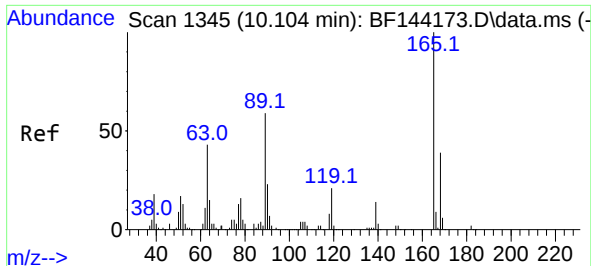


#45
2-Fluorobiphenyl
Concen: 26.382 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56



Tgt Ion:172 Resp: 244241
Ion Ratio Lower Upper
172 100
171 33.0 28.1 42.1
170 22.2 18.6 28.0

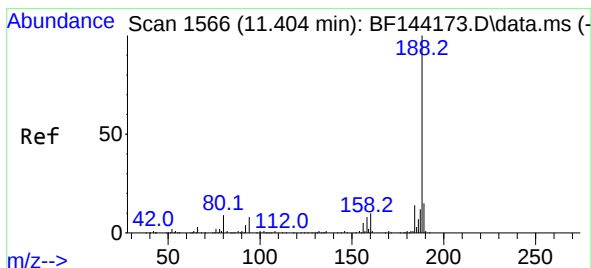
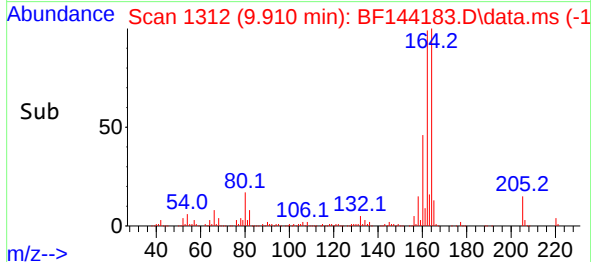
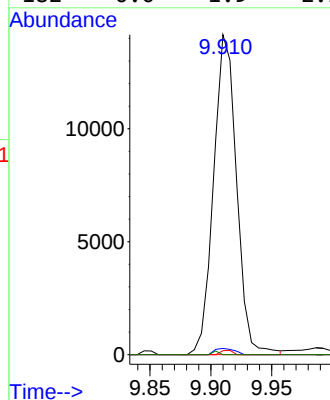
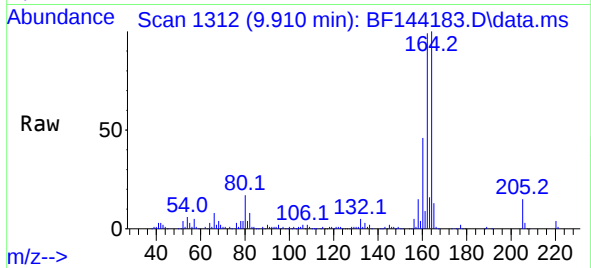




#57
2,4-Dinitrotoluene
Concen: 7.606 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

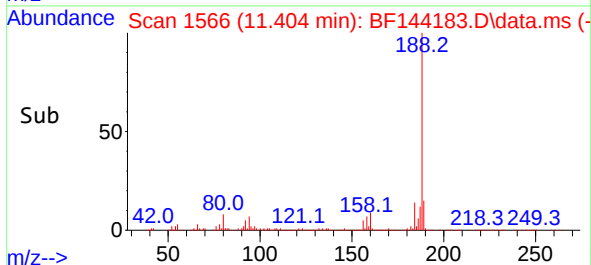
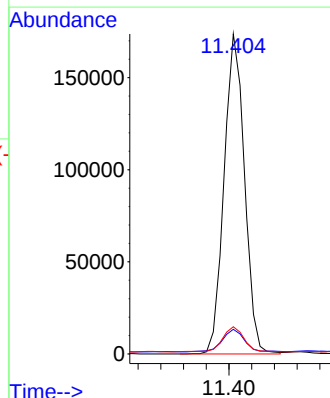
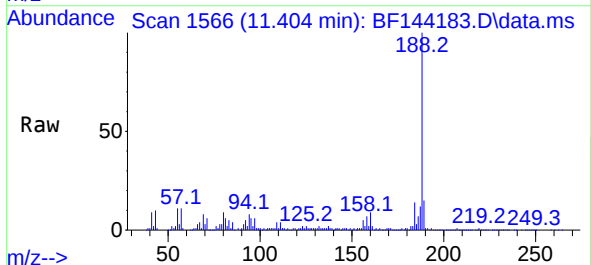
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ClientSampleId :
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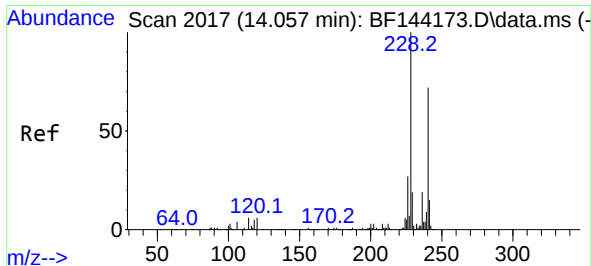
Tgt Ion:165 Resp: 18672
Ion Ratio Lower Upper
165 100
63 1.9 35.5 53.3#
89 1.2 47.4 71.2#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

Tgt Ion:188 Resp: 217093
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.5 6.9 10.3

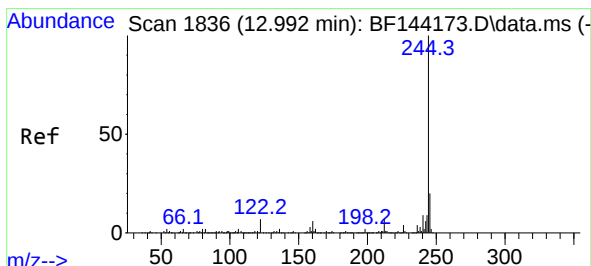
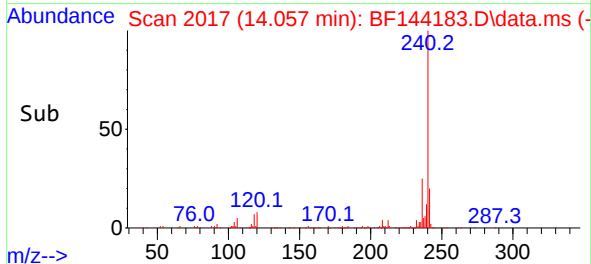
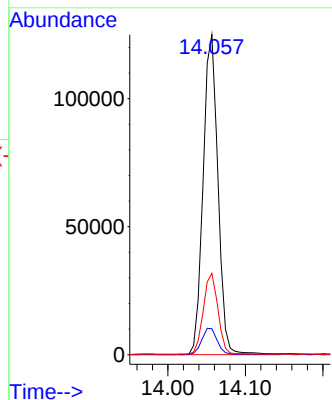
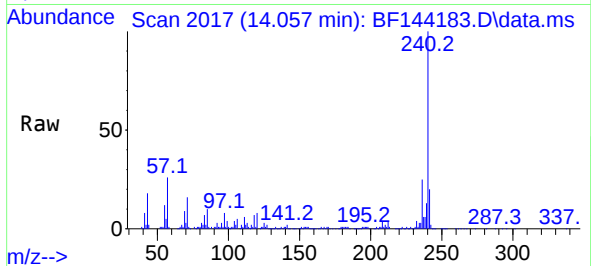




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

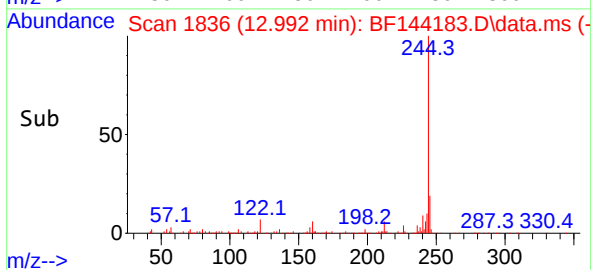
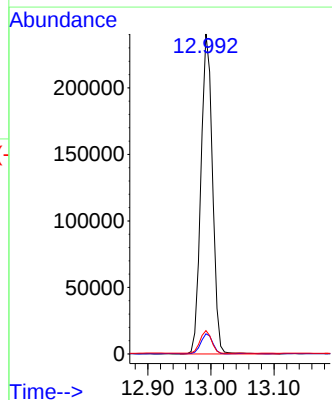
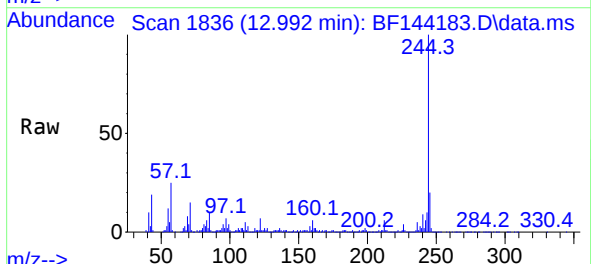
Instrument :
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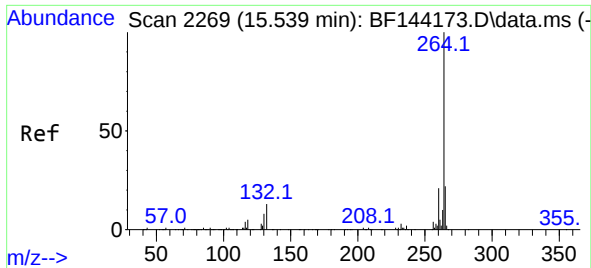
Tgt Ion:240 Resp: 166242
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.4 21.4 32.2



#79
Terphenyl-d14
Concen: 29.258 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.000 min
Lab File: BF144183.D
Acq: 06 Nov 2025 12:56

Tgt Ion:244 Resp: 306212
Ion Ratio Lower Upper
244 100
212 6.3 5.3 7.9
122 7.3 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF144183.D
 Acq: 06 Nov 2025 12:56

Instrument :
 BNA_F
 ClientSampleId :
 RT4922

Tgt Ion:264 Resp: 221740
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.1 25.7
 265 21.0 17.4 26.0

