

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
 Data File : BF144427.D
 Acq On : 04 Dec 2025 13:30
 Operator : RC/JU
 Sample : PB170823BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170823BL

Quant Time: Dec 04 13:50:47 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)

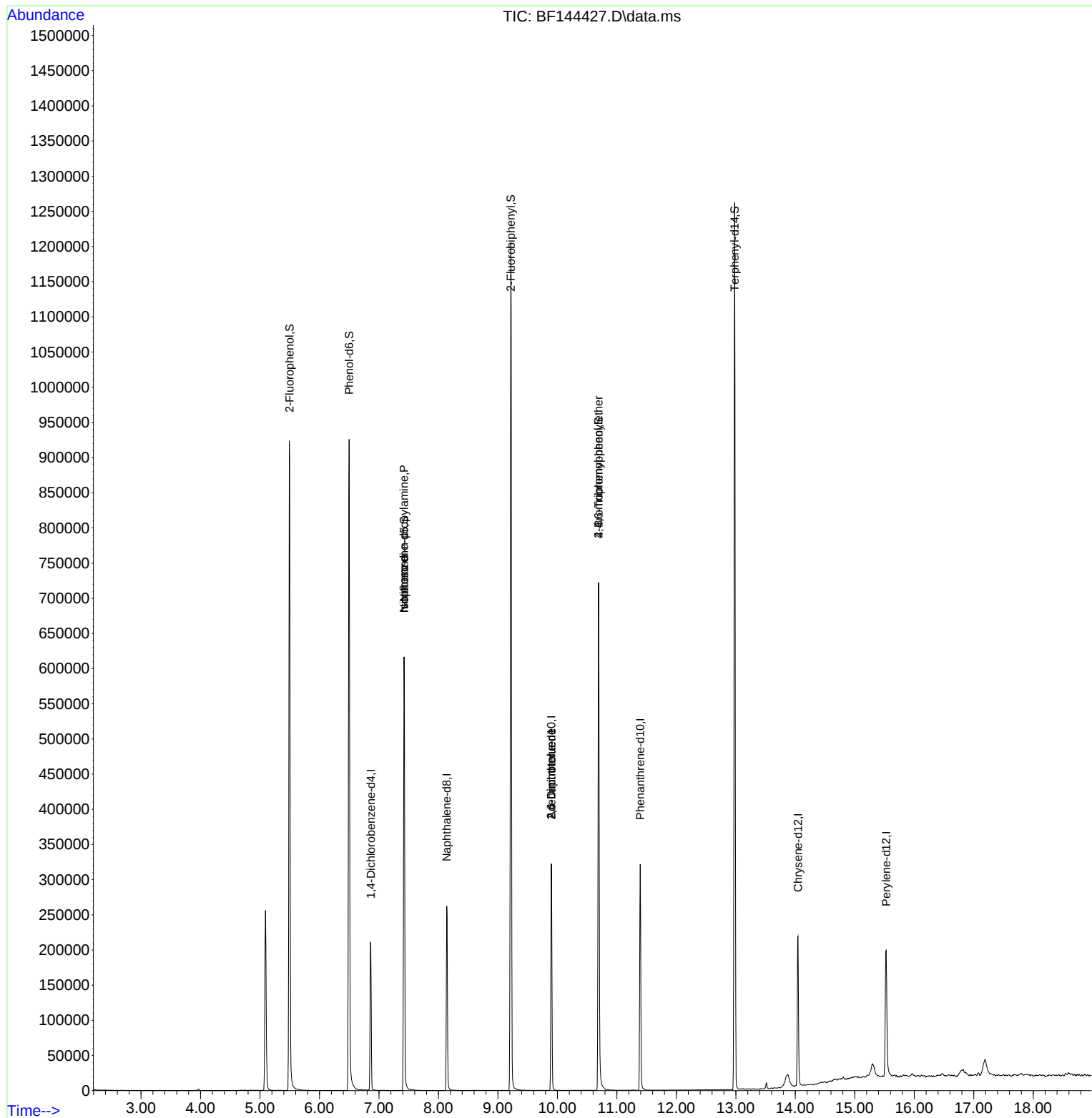
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	47403	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	183851	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	105371	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	188531	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	123172	20.000	ng	0.00
86) Perylene-d12	15.527	264	136675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	371109	122.511	ng	0.00
7) Phenol-d6	6.498	99	424947	123.808	ng	0.00
23) Nitrobenzene-d5	7.422	82	272932	85.739	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	158357	119.760	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	593429	83.178	ng	-0.01
79) Terphenyl-d14	12.980	244	680435	87.748	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	39277	17.383	ng	# 78
25) Isophorone	7.422	82	272930	45.328	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	13412	9.491	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	13412	7.090	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	8162	3.392	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
Data File : BF144427.D
Acq On : 04 Dec 2025 13:30
Operator : RC/JU
Sample : PB170823BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170823BL

Quant Time: Dec 04 13:50:47 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

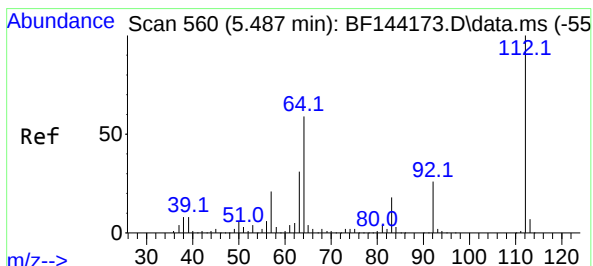
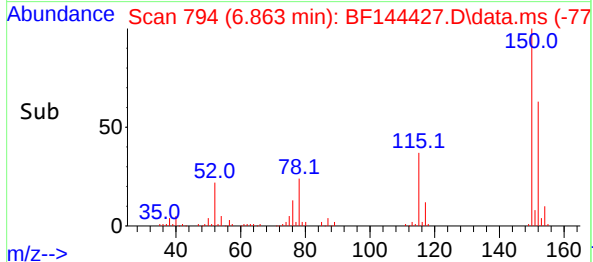
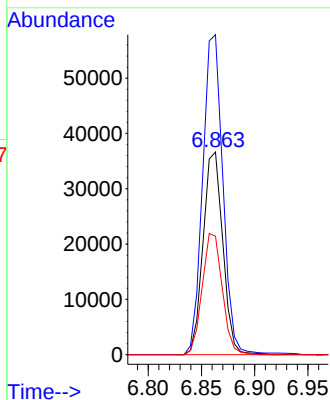
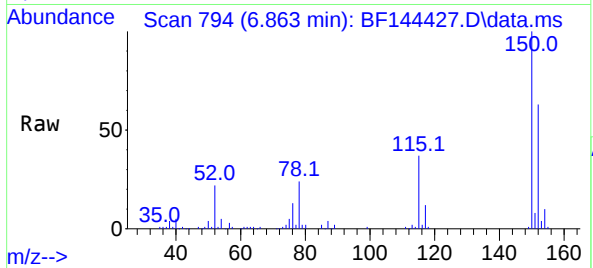




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 794
 Delta R.T. -0.012 min
 Lab File: BF144427.D
 Acq: 04 Dec 2025 13:30

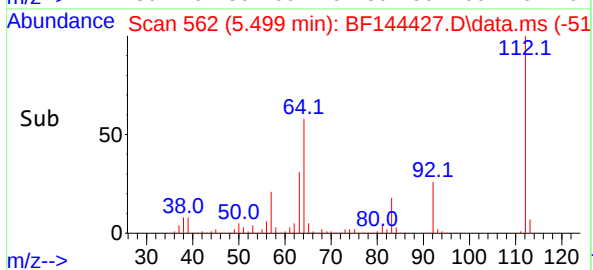
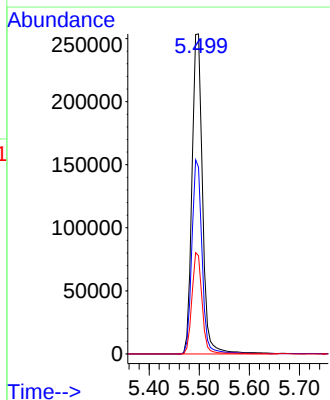
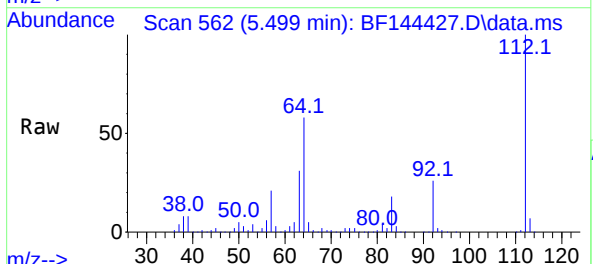
Instrument :
 BNA_F
 ClientSampleId :
 PB170823BL

Tgt Ion:152 Resp: 47403
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.4 191.0
 115 58.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 122.511 ng
 RT: 5.499 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144427.D
 Acq: 04 Dec 2025 13:30

Tgt Ion:112 Resp: 371109
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.2 70.8
 63 30.7 24.4 36.6

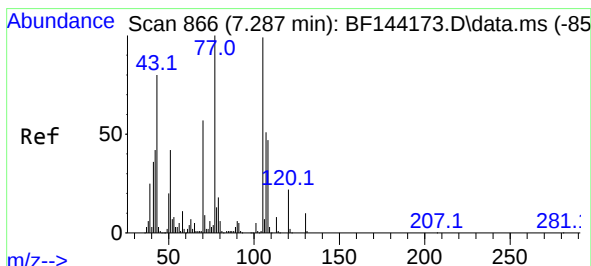
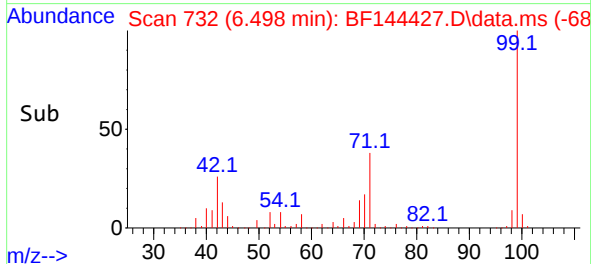
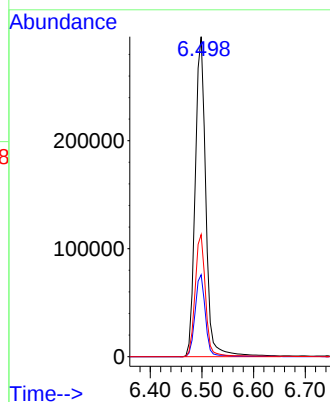
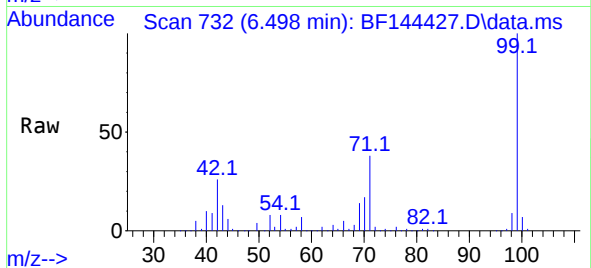




#7
Phenol-d6
Concen: 123.808 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

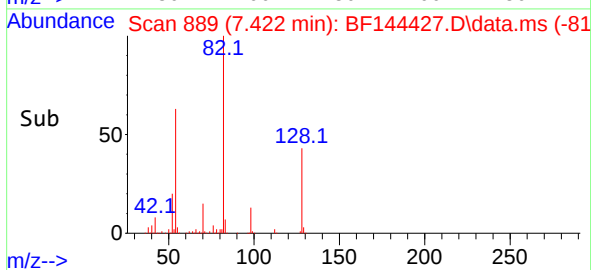
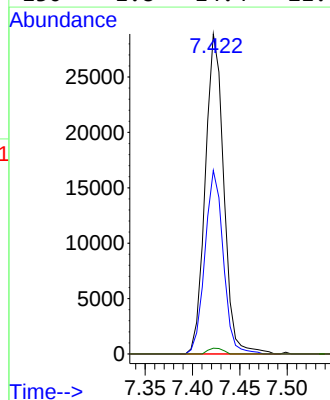
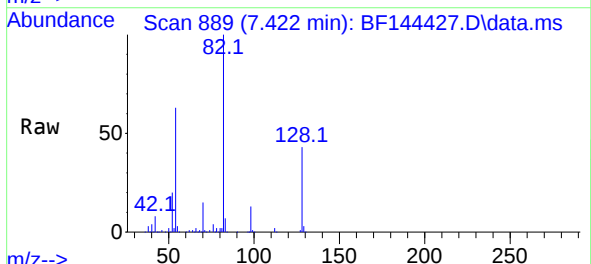
Instrument :
BNA_F
ClientSampleId :
PB170823BL

Tgt Ion: 99 Resp: 424947
Ion Ratio Lower Upper
99 100
42 25.6 20.9 31.3
71 38.2 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.383 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

Tgt Ion: 70 Resp: 39277
Ion Ratio Lower Upper
70 100
42 57.4 58.3 87.5#
101 0.0 7.0 10.6#
130 1.8 14.4 21.6#

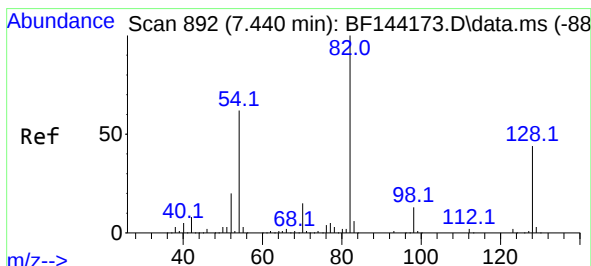
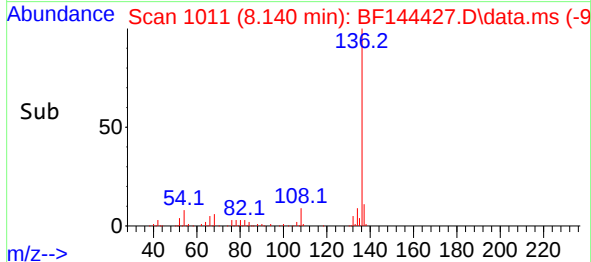
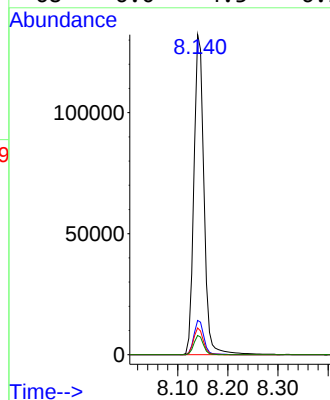
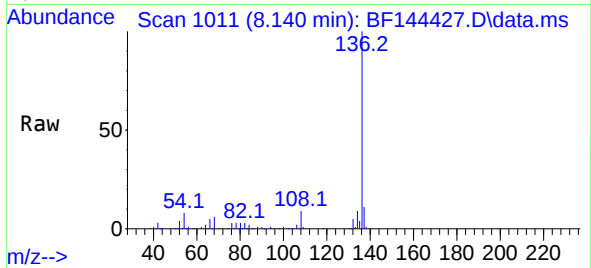




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

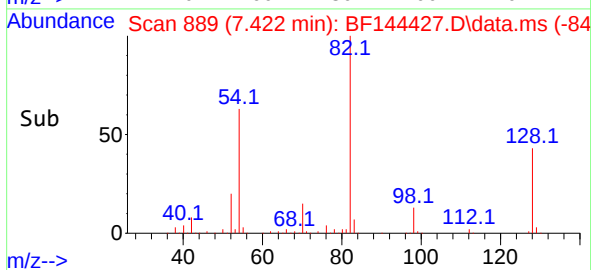
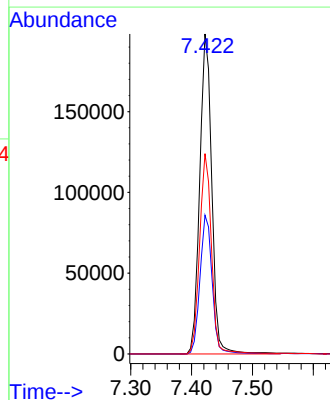
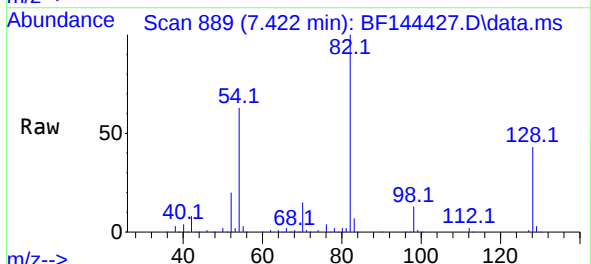
Instrument :
BNA_F
ClientSampleId :
PB170823BL

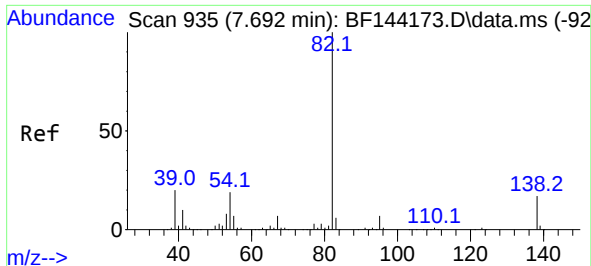
Tgt Ion:136 Resp: 183851
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.0 10.6
68 6.0 4.3 6.5



#23
Nitrobenzene-d5
Concen: 85.739 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

Tgt Ion: 82 Resp: 272932
Ion Ratio Lower Upper
82 100
128 43.3 34.7 52.1
54 62.6 49.5 74.3

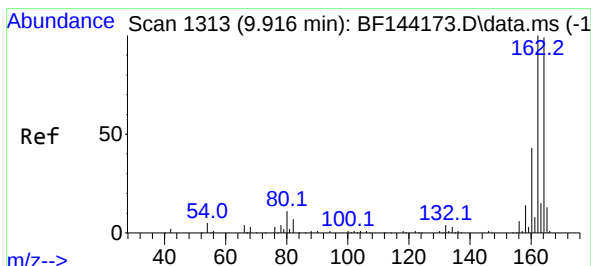
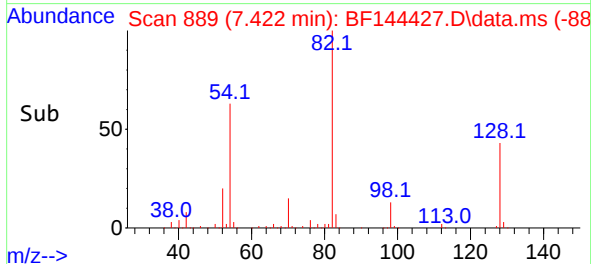
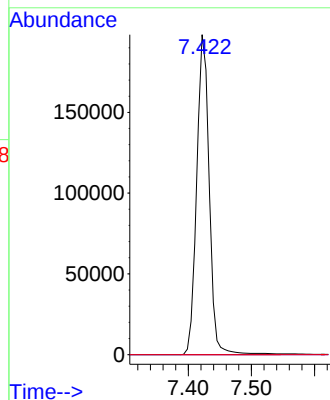
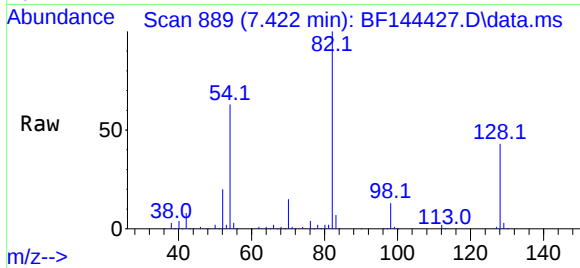




#25
Isophorone
Concen: 45.328 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

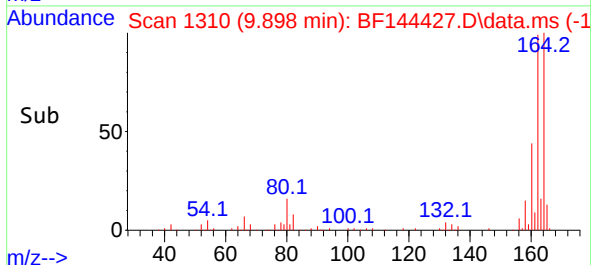
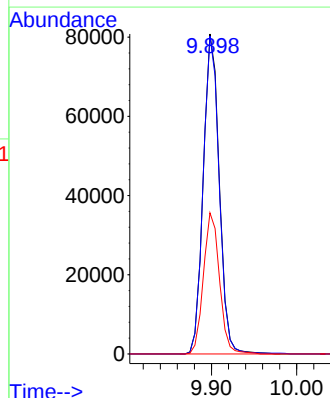
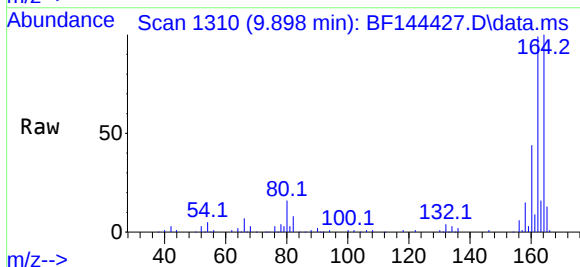
Instrument :
BNA_F
ClientSampleId :
PB170823BL

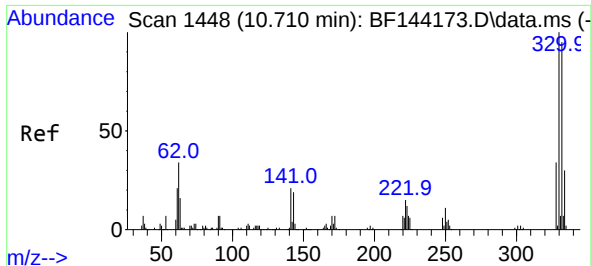
Tgt Ion: 82 Resp: 272930
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

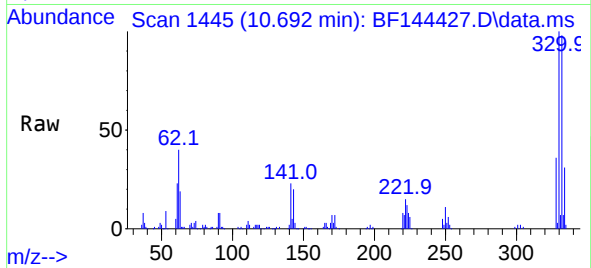
Tgt Ion:164 Resp: 105371
Ion Ratio Lower Upper
164 100
162 99.4 81.1 121.7
160 44.1 34.5 51.7



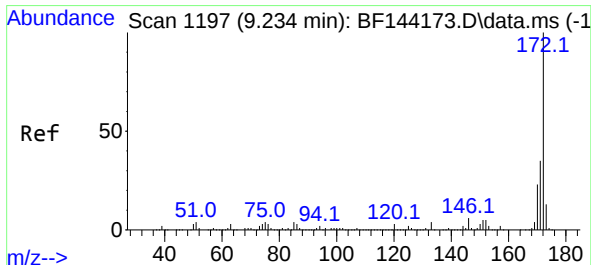
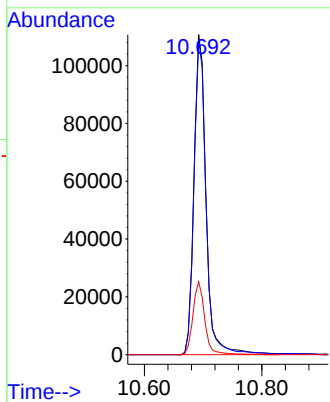
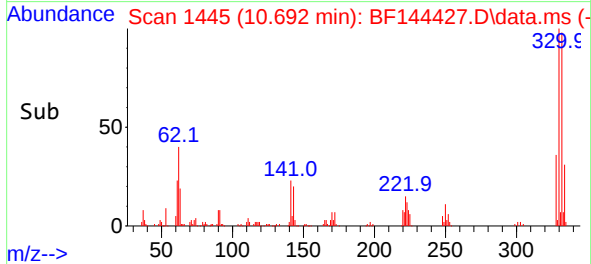


#42
2,4,6-Tribromophenol
Concen: 119.760 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

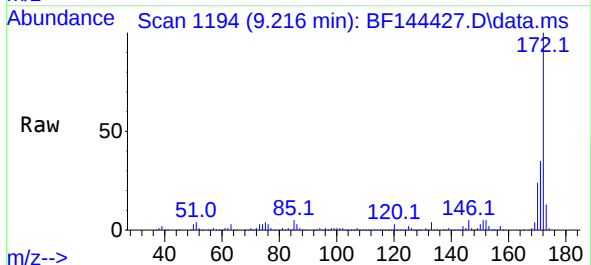
Instrument :
BNA_F
ClientSampleId :
PB170823BL



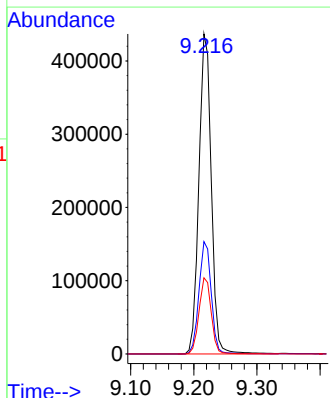
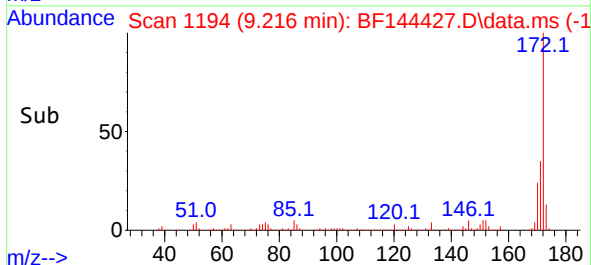
Tgt Ion:330 Resp: 158357
Ion Ratio Lower Upper
330 100
332 97.6 76.7 115.1
141 22.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 83.178 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30



Tgt Ion:172 Resp: 593429
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.8 18.6 28.0

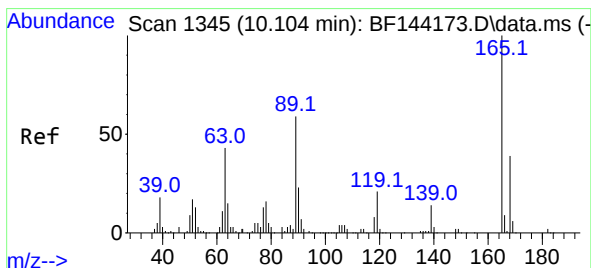
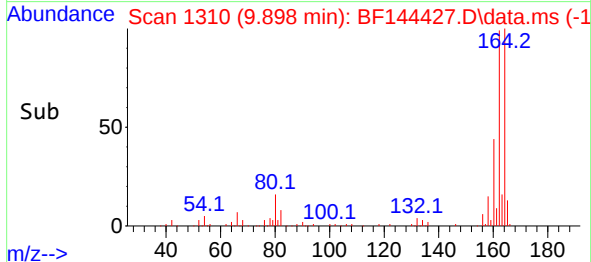
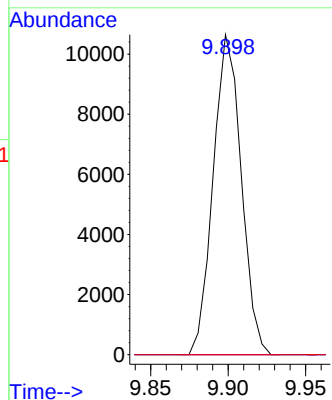
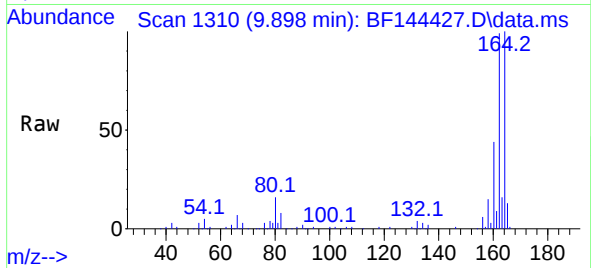




#51
2,6-Dinitrotoluene
Concen: 9.491 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.206 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

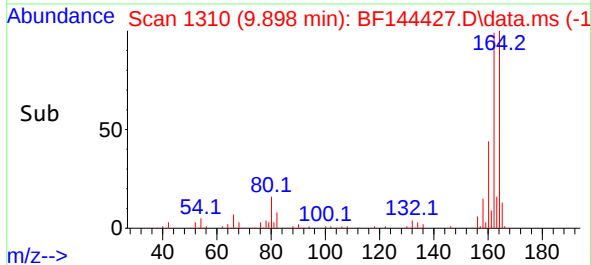
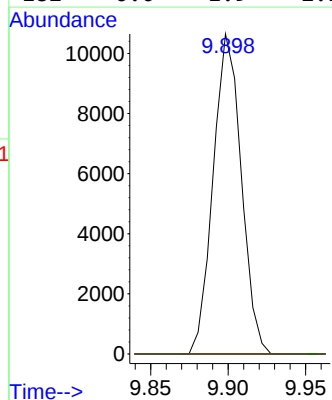
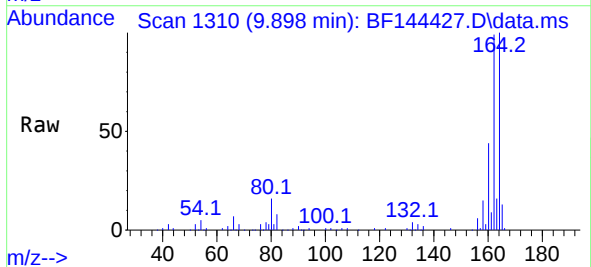
Instrument :
BNA_F
ClientSampleId :
PB170823BL

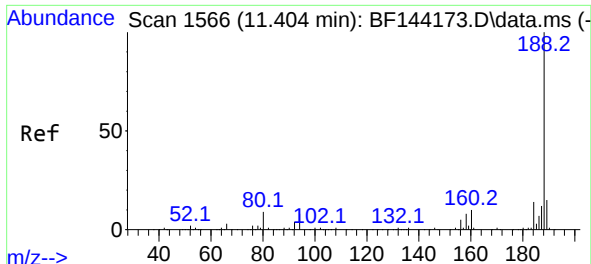
Tgt Ion:165 Resp: 13412
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 7.090 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.200 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

Tgt Ion:165 Resp: 13412
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#

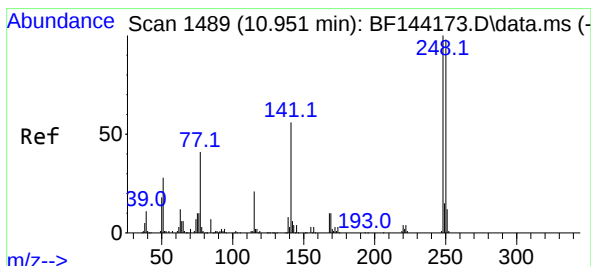
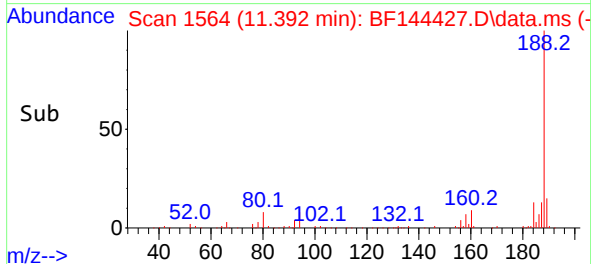
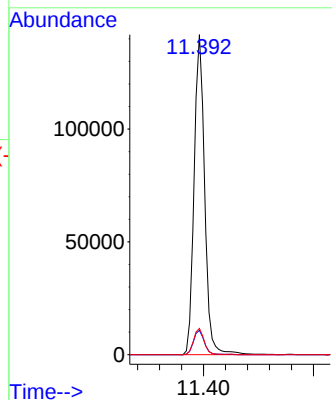
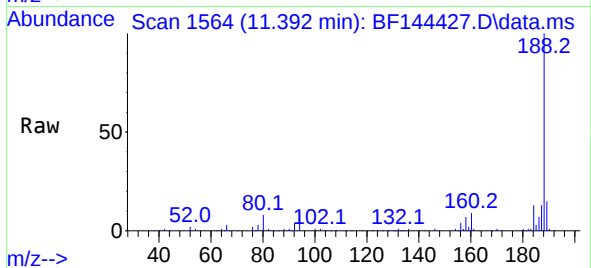




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

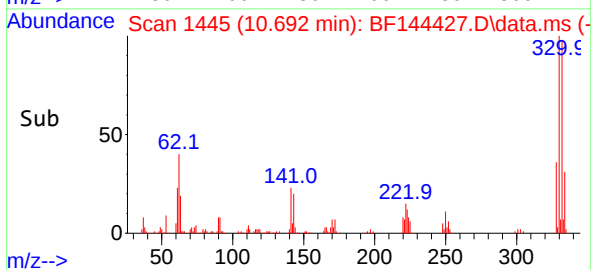
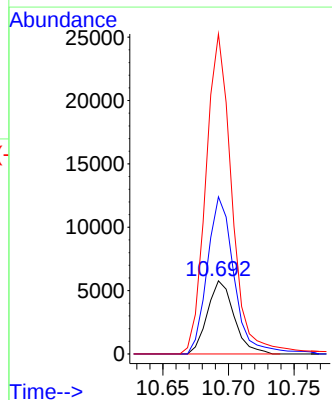
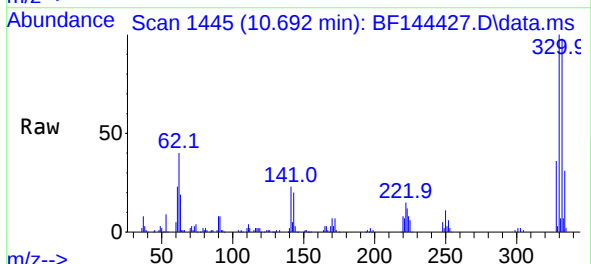
Instrument :
BNA_F
ClientSampleId :
PB170823BL

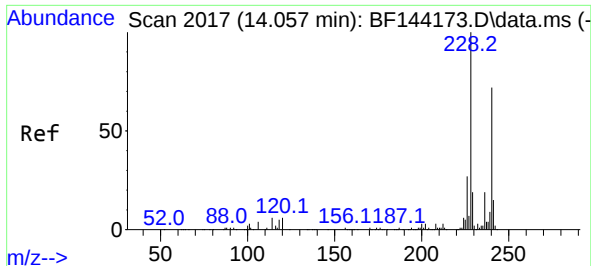
Tgt Ion:188 Resp: 188531
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 8.2 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

Tgt Ion:248 Resp: 8162
Ion Ratio Lower Upper
248 100
250 214.9 78.4 117.6#
141 437.6 45.1 67.7#

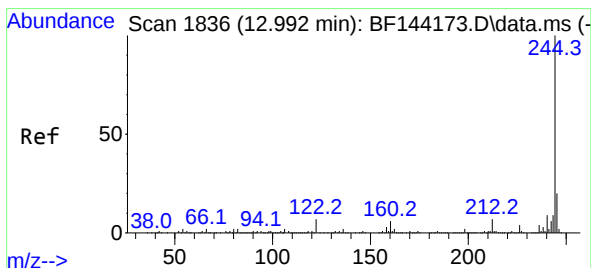
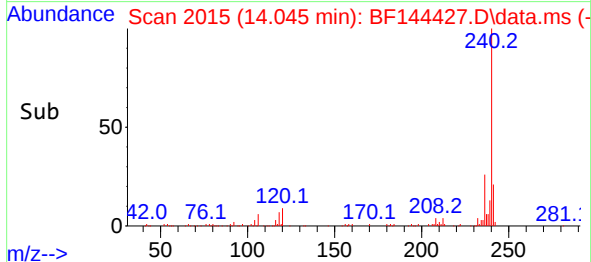
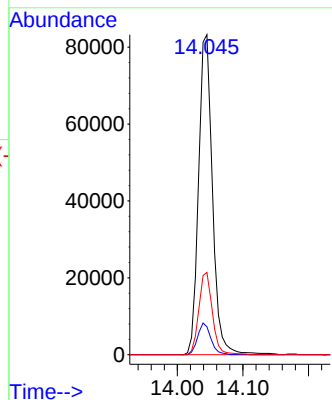
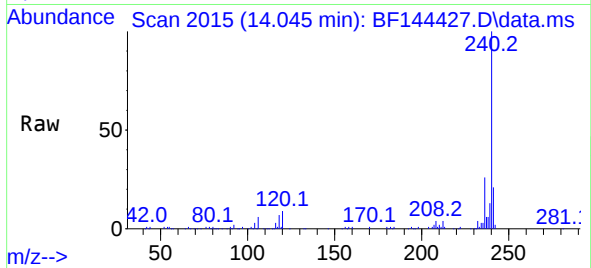




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

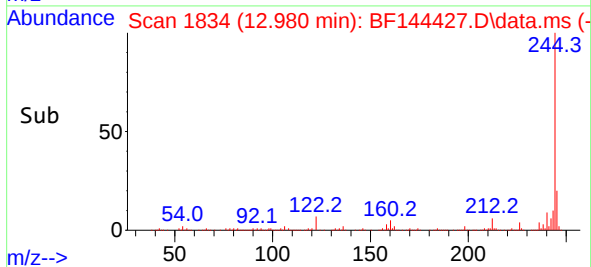
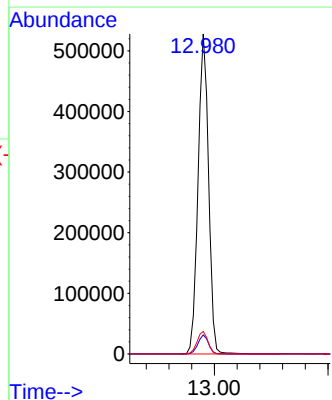
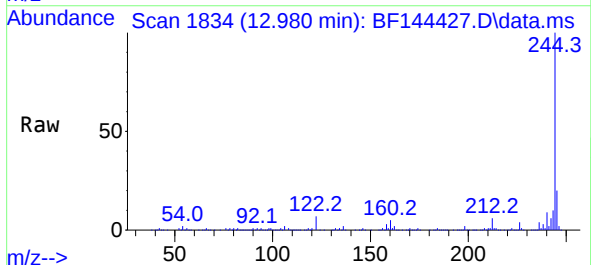
Instrument :
BNA_F
ClientSampleId :
PB170823BL

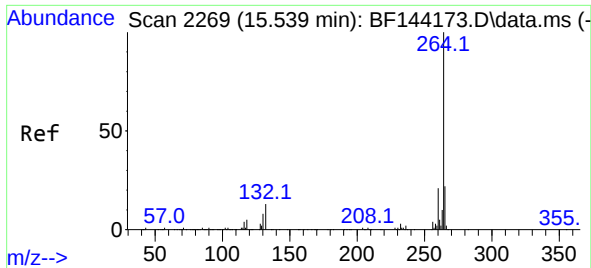
Tgt Ion:240 Resp: 123172
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 25.7 21.4 32.2



#79
Terphenyl-d14
Concen: 87.748 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144427.D
Acq: 04 Dec 2025 13:30

Tgt Ion:244 Resp: 680435
Ion Ratio Lower Upper
244 100
212 6.0 5.3 7.9
122 7.1 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF144427.D
 Acq: 04 Dec 2025 13:30

Instrument :
 BNA_F
 ClientSampleId :
 PB170823BL

Tgt Ion:264 Resp: 136675
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.1 25.7
 265 21.3 17.4 26.0

