

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143858.D
 Acq On : 02 Oct 2025 16:43
 Operator : RC/JU
 Sample : Q3256-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 02 17:03:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

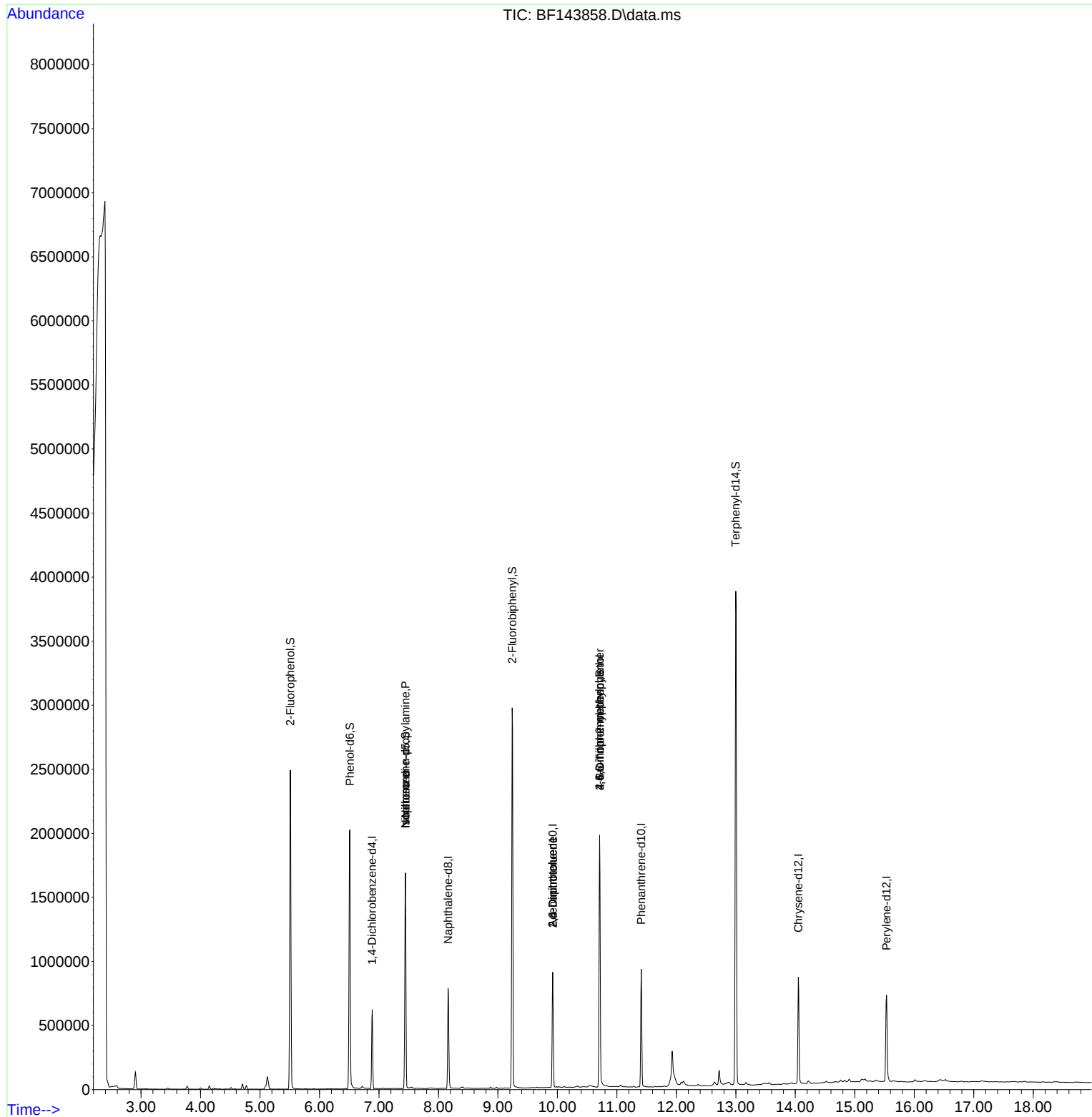
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125565	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	483492	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	267014	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	472270	20.000	ng	0.00
76) Chrysene-d12	14.051	240	463080	20.000	ng	-0.01
86) Perylene-d12	15.533	264	490325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	883443	114.310	ng	0.01
7) Phenol-d6	6.510	99	997302	111.683	ng	0.00
23) Nitrobenzene-d5	7.445	82	703285	89.038	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	379621	96.020	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1433980	83.805	ng	0.00
79) Terphenyl-d14	12.998	244	2311546	101.518	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	101142	17.613	ng	# 70
25) Isophorone	7.445	82	696549	45.254	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	34961	13.075	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	34961	11.193	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	788	4.678	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	34415	4.276	ng	# 1

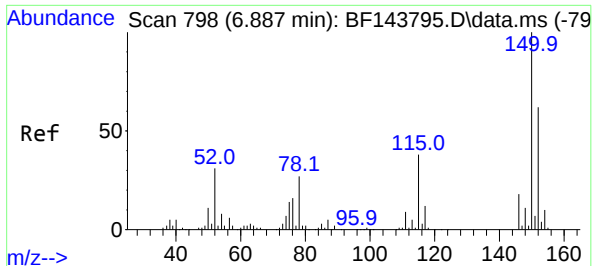
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
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Misc :
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Instrument :
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ClientSampleId :

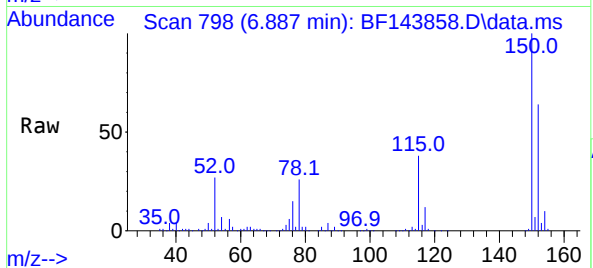
Quant Time: Oct 02 17:03:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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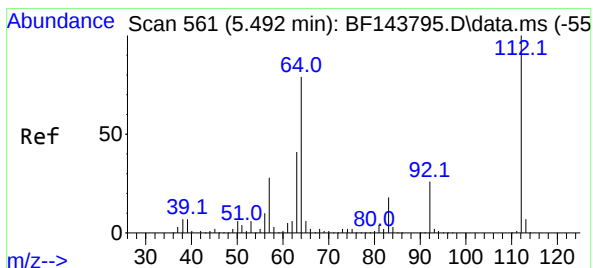
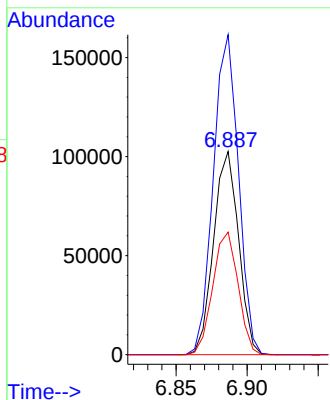
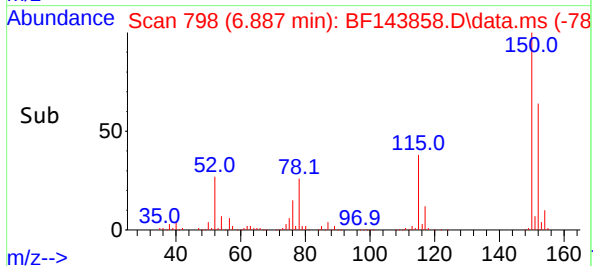


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

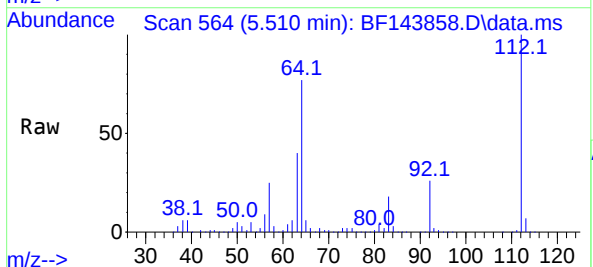
Instrument :
BNA_F
ClientSampleId :



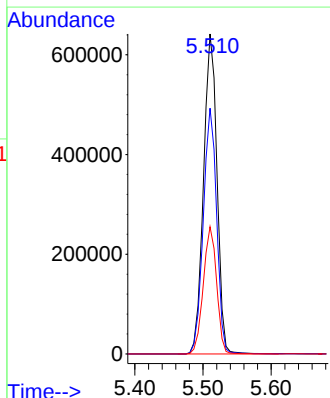
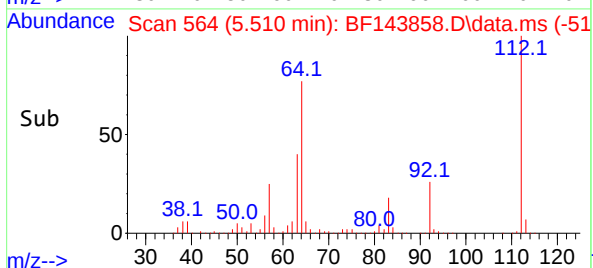
Tgt Ion:152 Resp: 125565
Ion Ratio Lower Upper
152 100
150 157.4 129.6 194.4
115 60.3 49.0 73.4

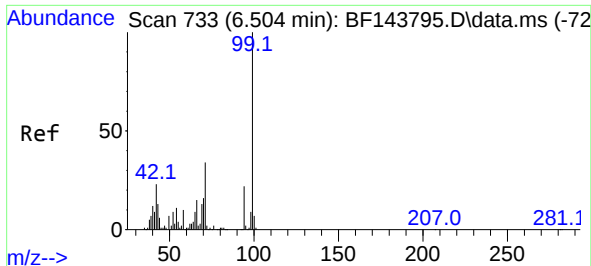


#5
2-Fluorophenol
Concen: 114.310 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43



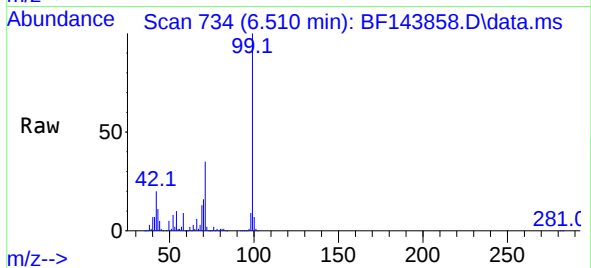
Tgt Ion:112 Resp: 883443
Ion Ratio Lower Upper
112 100
64 76.8 63.0 94.4
63 39.7 32.6 49.0



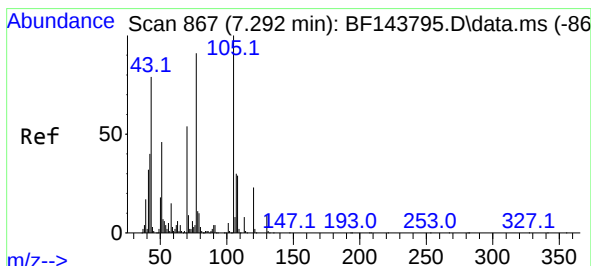
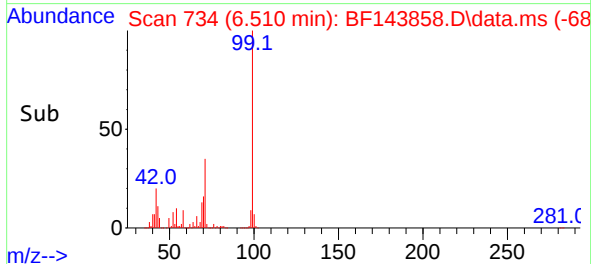
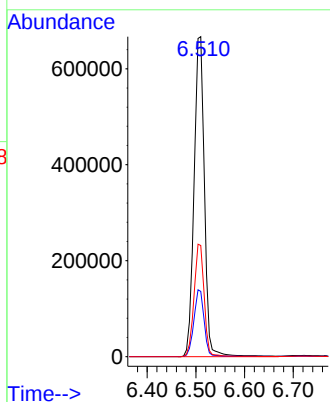


#7
Phenol-d6
Concen: 111.683 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

Instrument :
BNA_F
ClientSampleId :

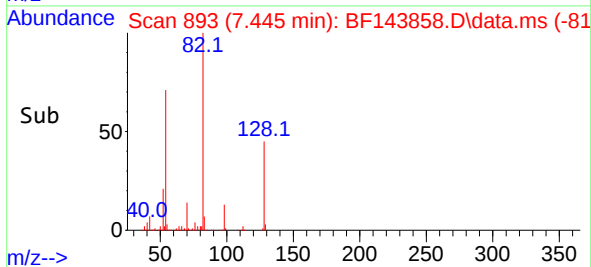
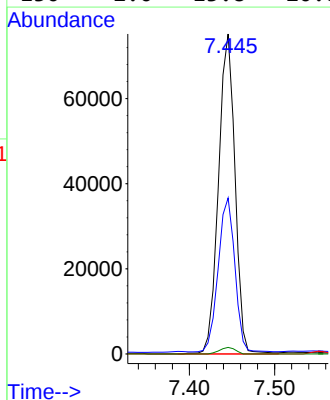
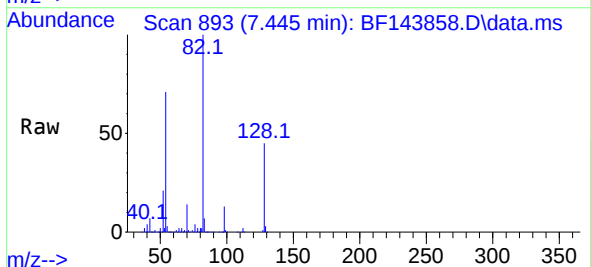


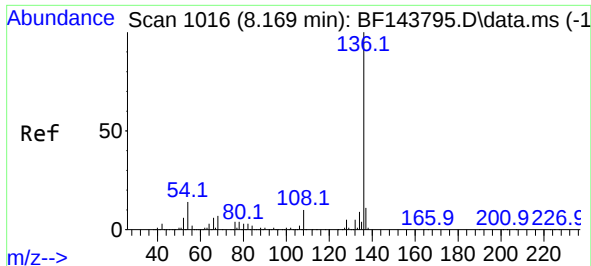
Tgt Ion: 99 Resp: 997302
Ion Ratio Lower Upper
99 100
42 20.4 18.6 28.0
71 34.7 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.613 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

Tgt Ion: 70 Resp: 101142
Ion Ratio Lower Upper
70 100
42 48.7 59.4 89.0#
101 0.0 7.1 10.7#
130 2.0 13.8 20.8#



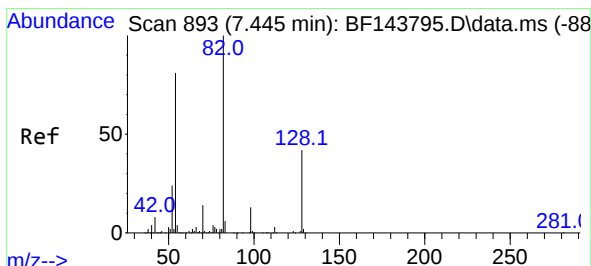
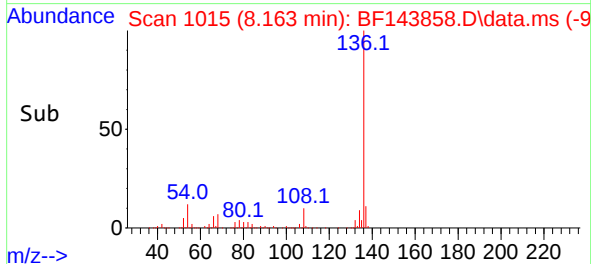
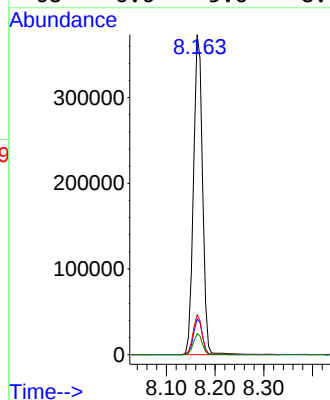
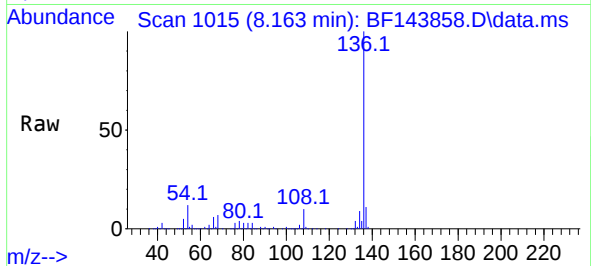


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 483492

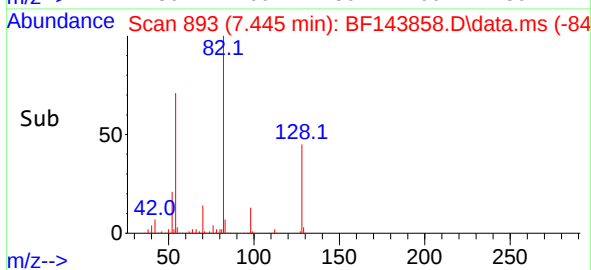
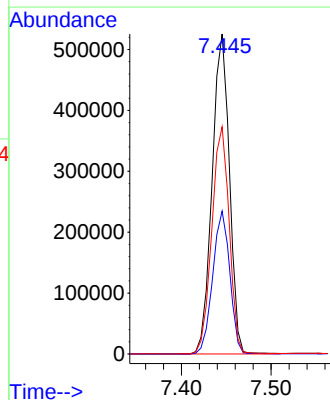
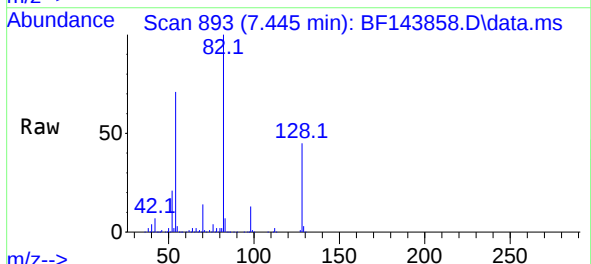
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	12.4	11.2	16.8
68	6.6	5.6	8.4

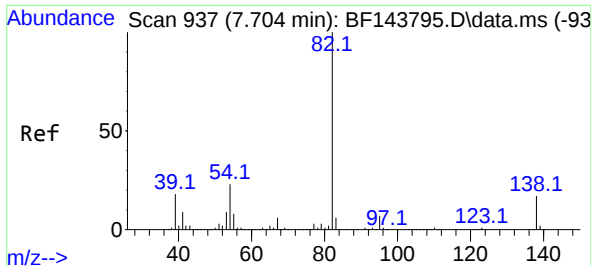


#23
Nitrobenzene-d5
Concen: 89.038 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

Tgt Ion: 82 Resp: 703285

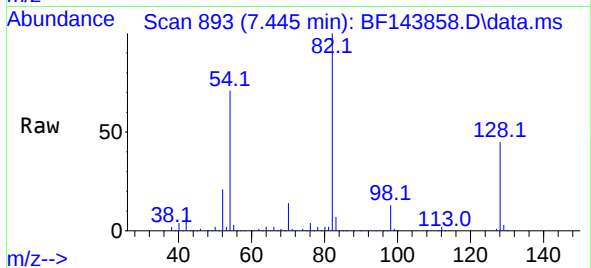
Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.3	49.9
54	71.0	64.2	96.4



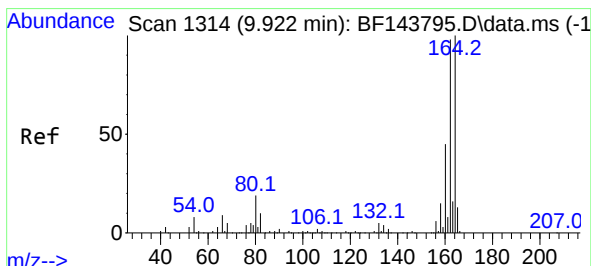
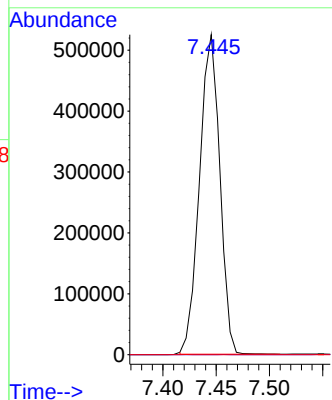
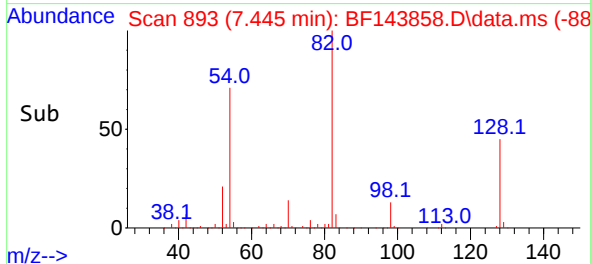


#25
Isophorone
Concen: 45.254 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.265 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

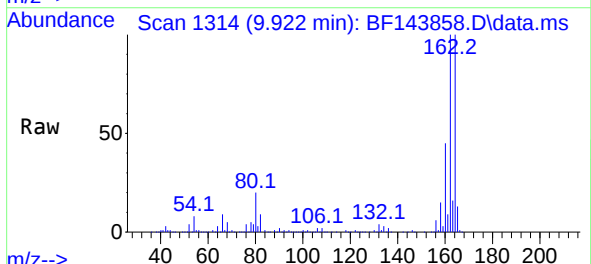
Instrument :
BNA_F
ClientSampleId :



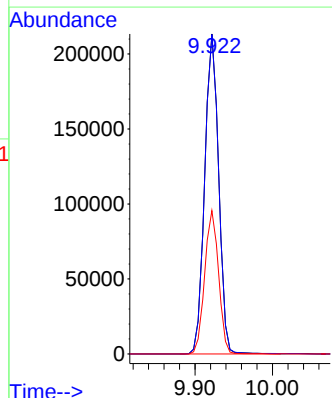
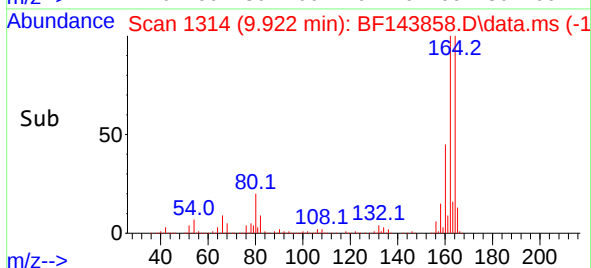
Tgt Ion: 82 Resp: 696549
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#

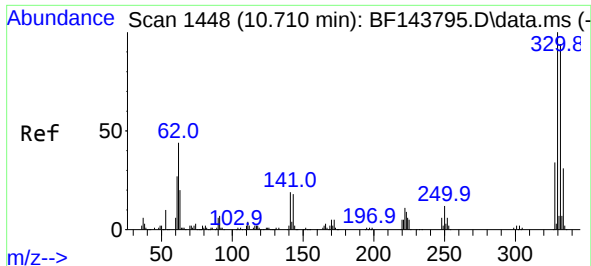


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43



Tgt Ion: 164 Resp: 267014
Ion Ratio Lower Upper
164 100
162 99.9 78.8 118.2
160 44.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 96.020 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

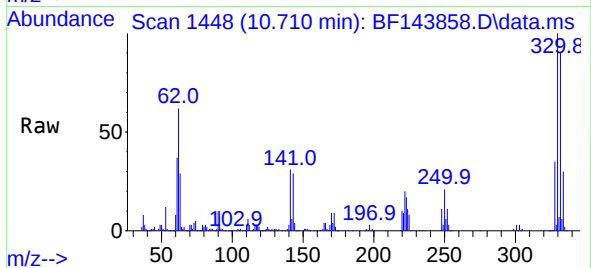
Lab File: BF143858.D

Acq: 02 Oct 2025 16:43

Instrument :

BNA_F

ClientSampleId :



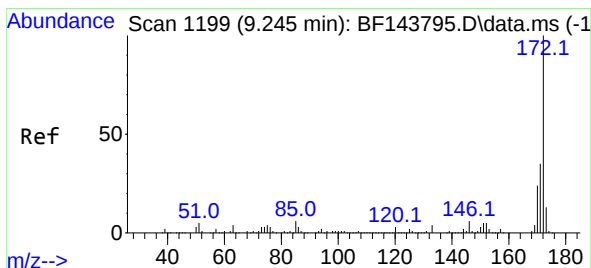
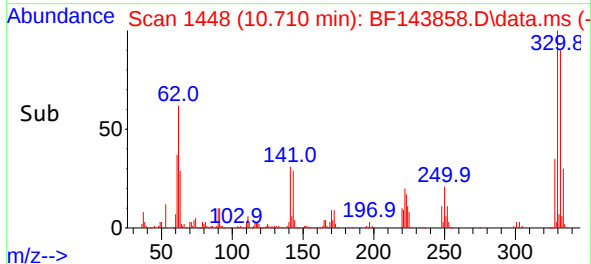
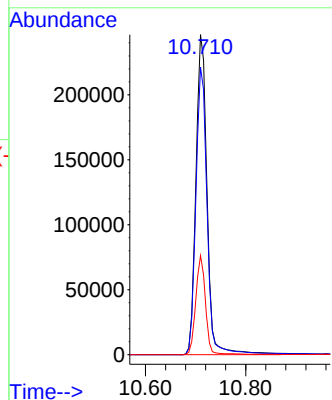
Tgt Ion:330 Resp: 379621

Ion Ratio Lower Upper

330 100

332 91.6 74.7 112.1

141 27.4 14.3 21.5#



#45

2-Fluorobiphenyl

Concen: 83.805 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143858.D

Acq: 02 Oct 2025 16:43

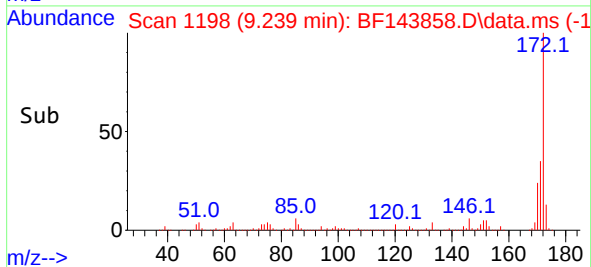
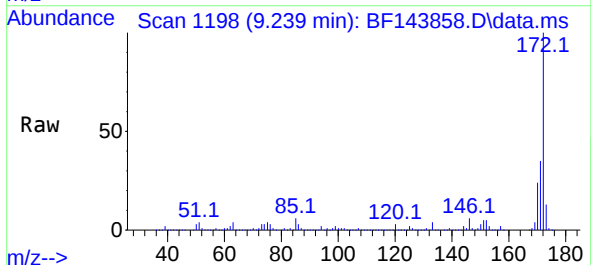
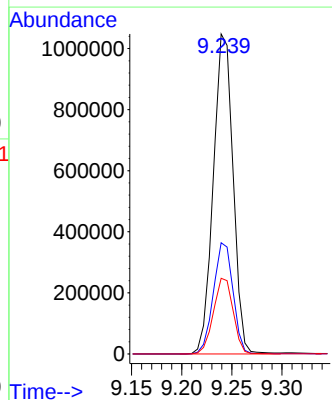
Tgt Ion:172 Resp: 1433980

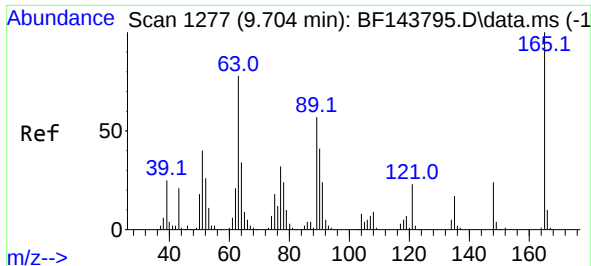
Ion Ratio Lower Upper

172 100

171 34.7 27.9 41.9

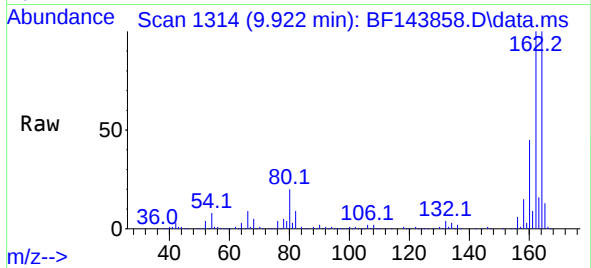
170 23.6 19.1 28.7



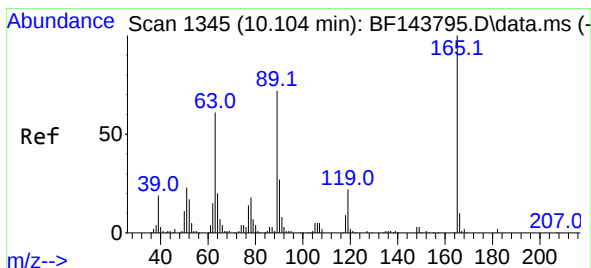
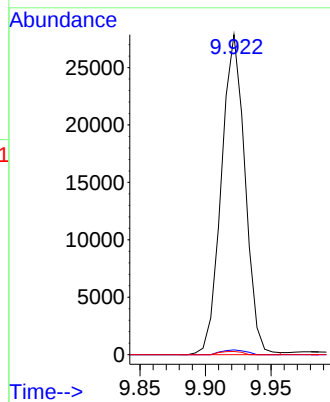
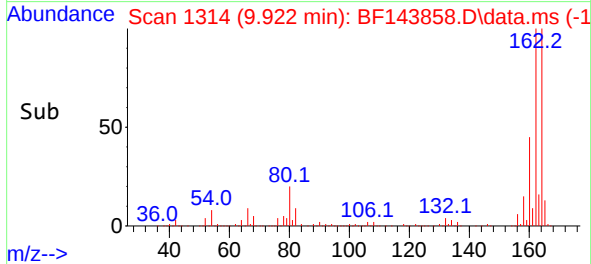


#51
2,6-Dinitrotoluene
Concen: 13.075 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.218 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

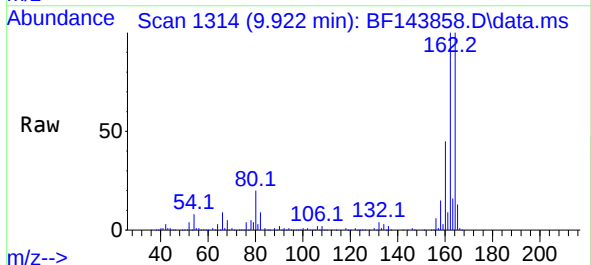
Instrument :
BNA_F
ClientSampleId :



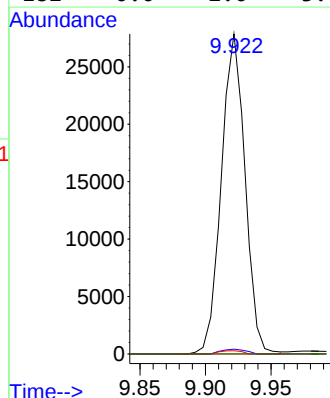
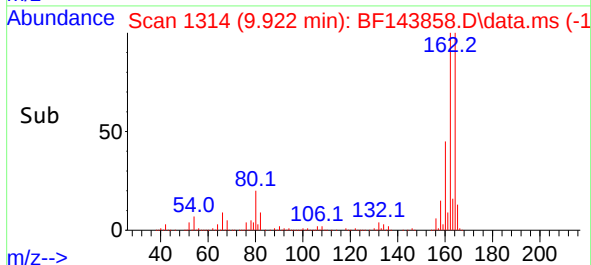
Tgt Ion:165 Resp: 34961
Ion Ratio Lower Upper
165 100
63 1.5 62.6 94.0#
89 1.0 45.2 67.8#

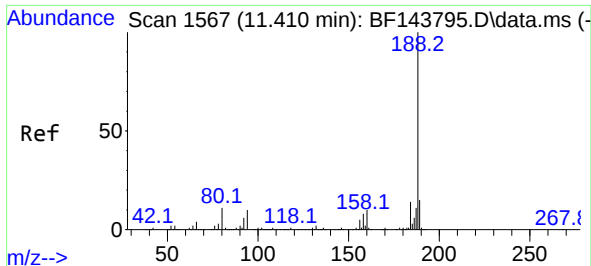


#57
2,4-Dinitrotoluene
Concen: 11.193 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.188 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43



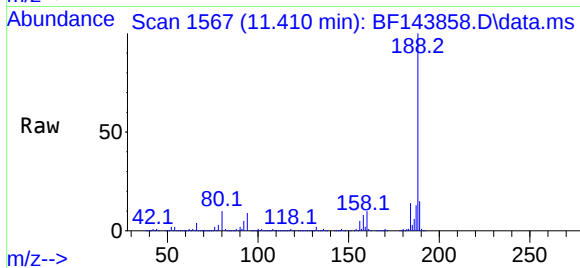
Tgt Ion:165 Resp: 34961
Ion Ratio Lower Upper
165 100
63 1.5 48.9 73.3#
89 1.0 57.5 86.3#
182 0.0 2.0 3.0#



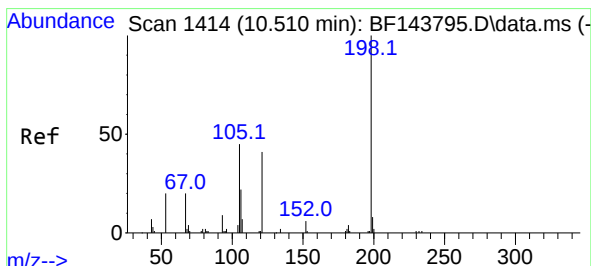
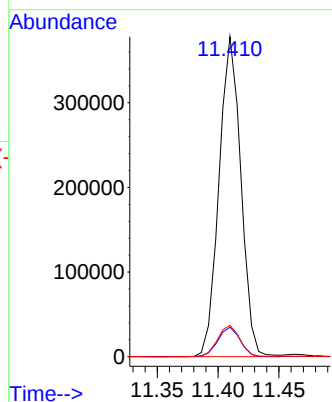
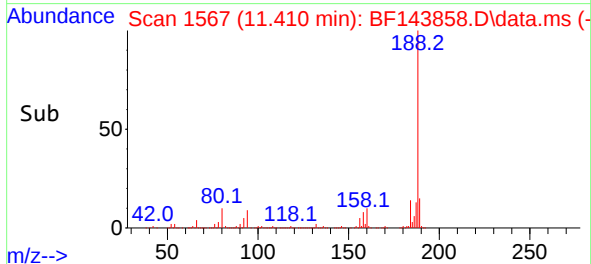


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

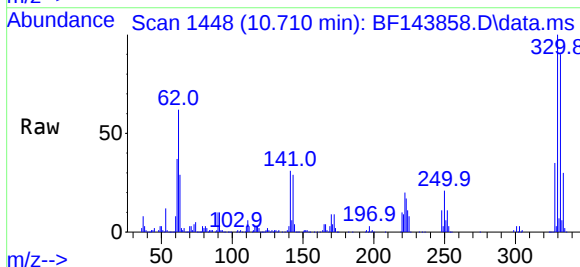
Instrument :
BNA_F
ClientSampleId :



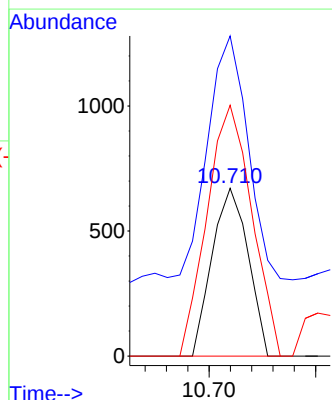
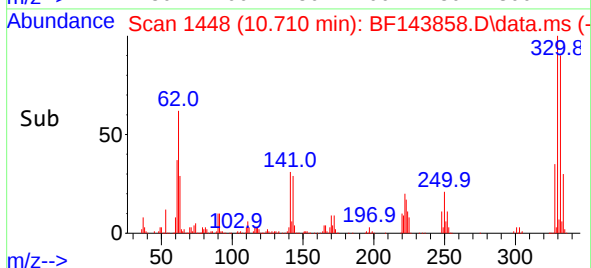
Tgt Ion:188 Resp: 472270
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.8 8.6 12.8

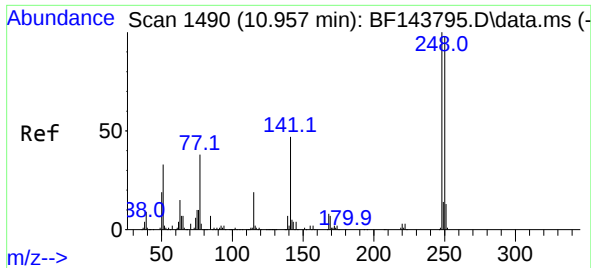


#65
4,6-Dinitro-2-methylphenol
Concen: 4.678 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.194 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43



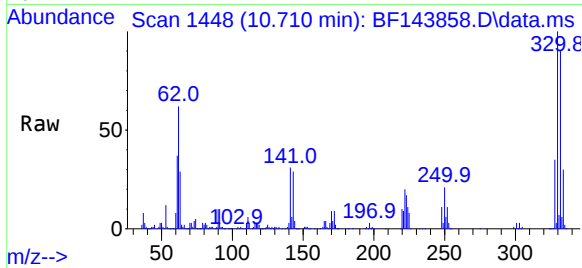
Tgt Ion:198 Resp: 788
Ion Ratio Lower Upper
198 100
51 190.8 52.0 92.0#
105 149.5 27.5 67.5#



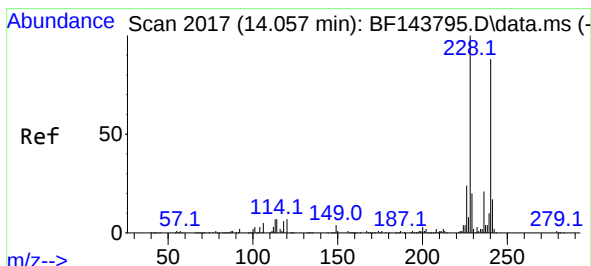
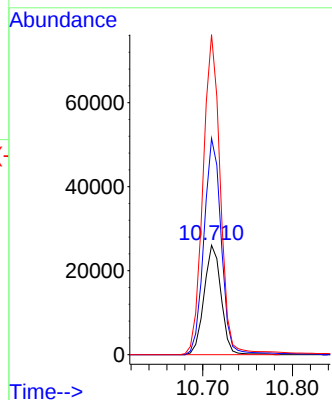
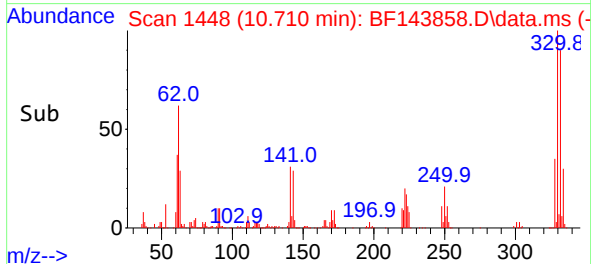


#67
4-Bromophenyl-phenylether
Concen: 4.276 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

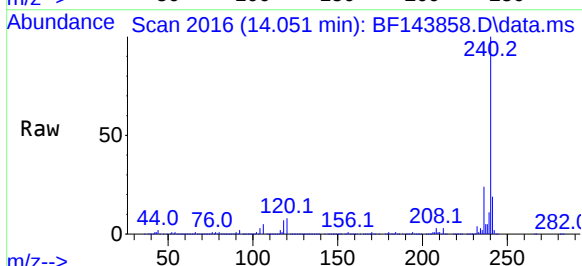
Instrument :
BNA_F
ClientSampleId :



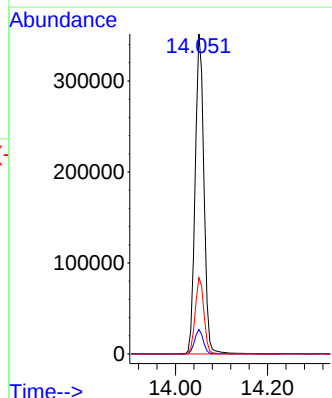
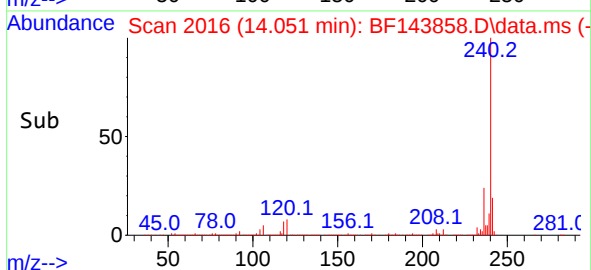
Tgt Ion:248 Resp: 34415
Ion Ratio Lower Upper
248 100
250 197.7 78.7 118.1#
141 292.5 37.9 56.9#

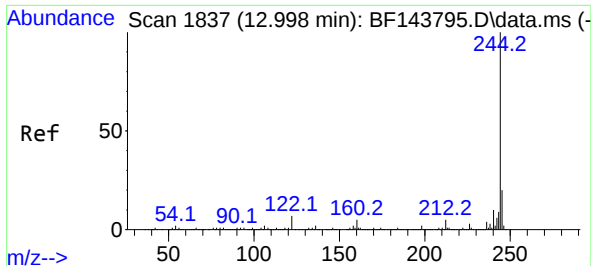


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43



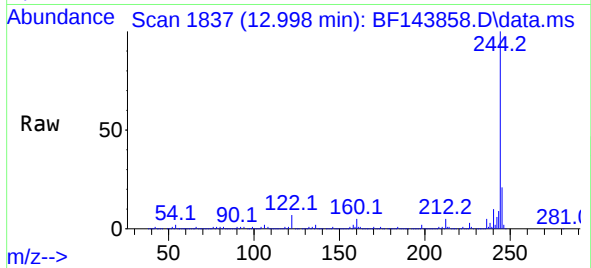
Tgt Ion:240 Resp: 463080
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 23.8 19.4 29.2



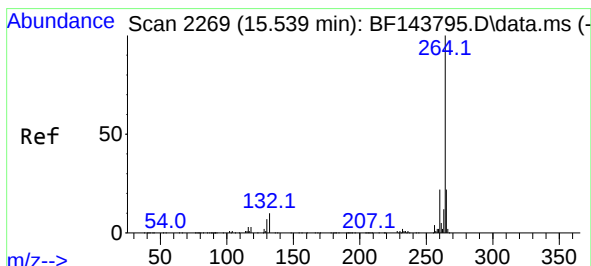
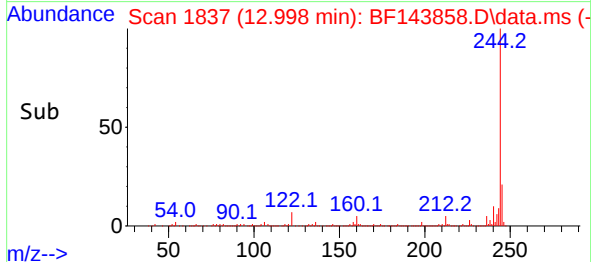
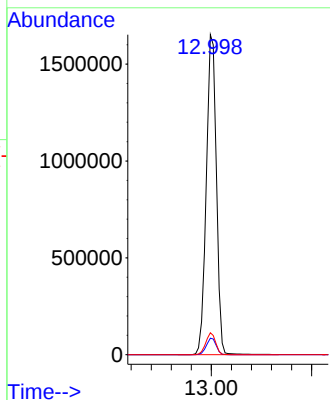


#79
Terphenyl-d14
Concen: 101.518 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:244 Resp: 2311546
Ion Ratio Lower Upper
244 100
212 5.2 3.9 5.9
122 6.8 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143858.D
Acq: 02 Oct 2025 16:43

Tgt Ion:264 Resp: 490325
Ion Ratio Lower Upper
264 100
260 22.9 17.9 26.9
265 22.2 17.7 26.5

