

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143861.D
 Acq On : 02 Oct 2025 18:10
 Operator : RC/JU
 Sample : Q3256-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 02 18:32:01 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)

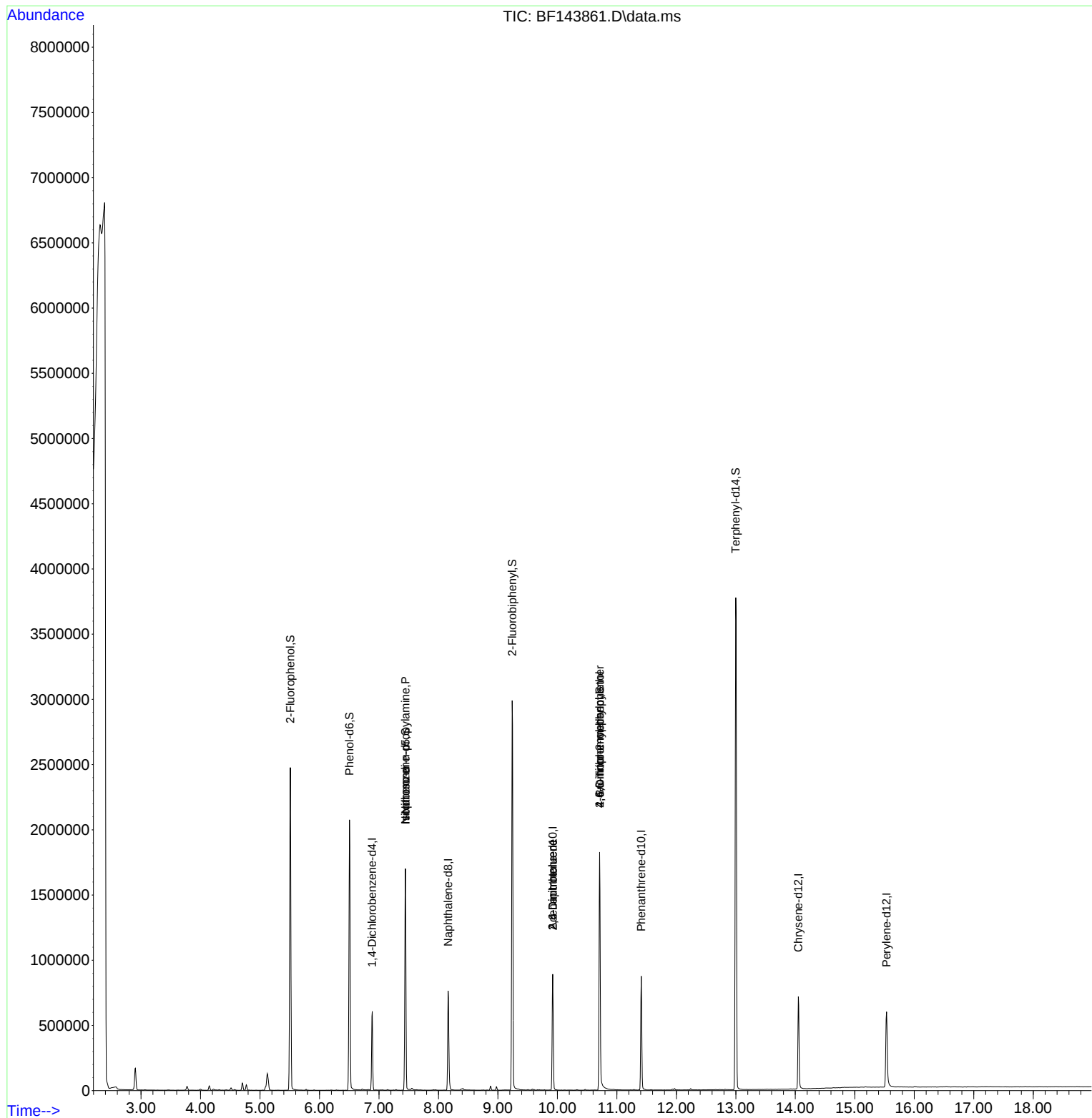
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	124045	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	479111	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	265963	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	465080	20.000	ng	0.00
76) Chrysene-d12	14.051	240	413855	20.000	ng	-0.01
86) Perylene-d12	15.533	264	457022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	886235	116.076	ng	0.01
7) Phenol-d6	6.504	99	974947	110.517	ng	0.00
23) Nitrobenzene-d5	7.445	82	710764	90.808	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	346608	88.016	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1457924	85.541	ng	0.00
79) Terphenyl-d14	12.998	244	2242747	110.212	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	102348	18.042	ng	# 68
25) Isophorone	7.445	82	701958	46.022	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	33305	12.505	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	33305	10.832	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	770	4.674	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	33514	4.228	ng	# 1

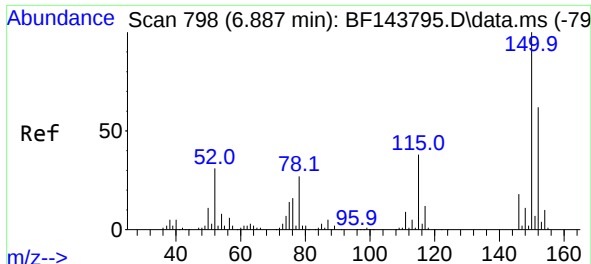
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143861.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

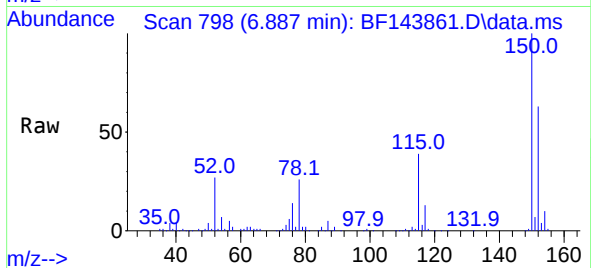
Quant Time: Oct 02 18:32:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
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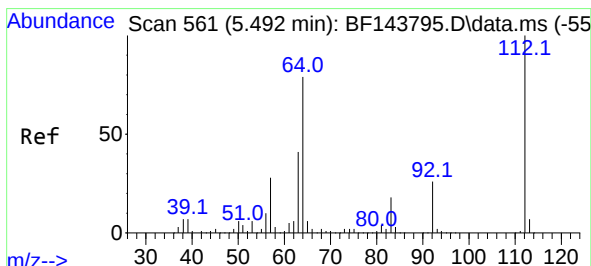
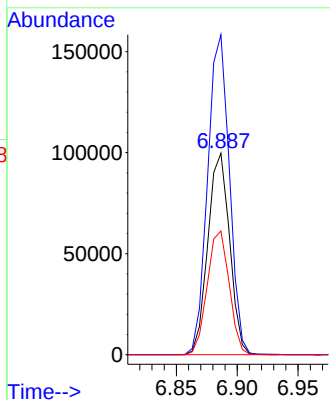
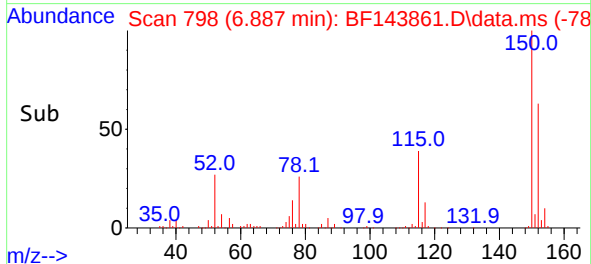


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

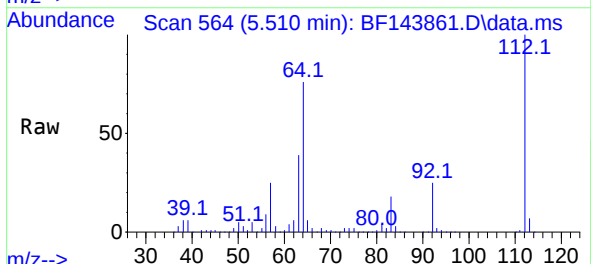
Instrument :
BNA_F
ClientSampleId :



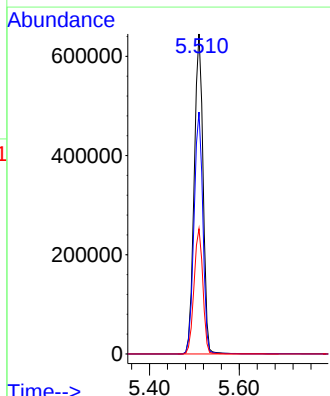
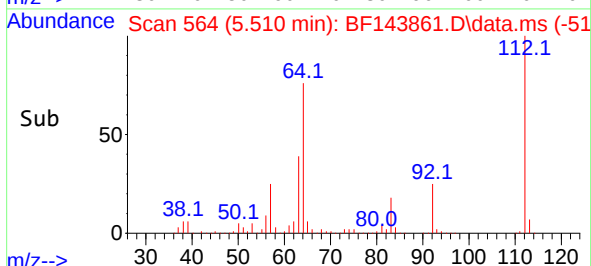
Tgt Ion:152 Resp: 124045
Ion Ratio Lower Upper
152 100
150 158.8 129.6 194.4
115 61.4 49.0 73.4

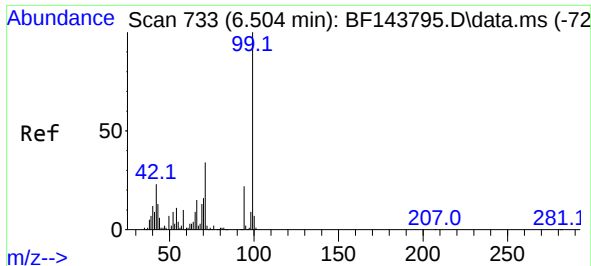


#5
2-Fluorophenol
Concen: 116.076 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10



Tgt Ion:112 Resp: 886235
Ion Ratio Lower Upper
112 100
64 75.6 63.0 94.4
63 39.2 32.6 49.0

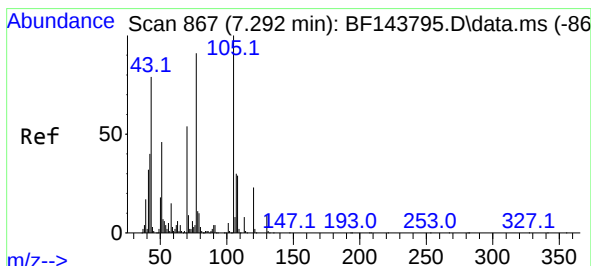
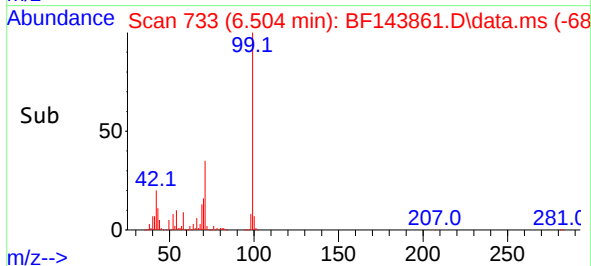
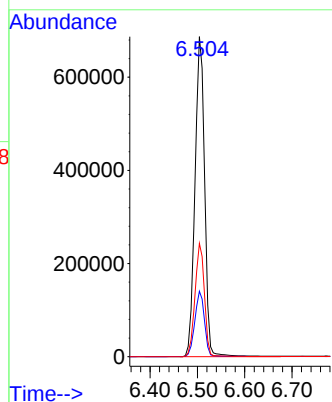
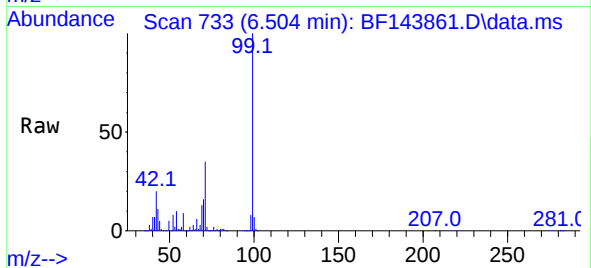




#7
Phenol-d6
Concen: 110.517 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

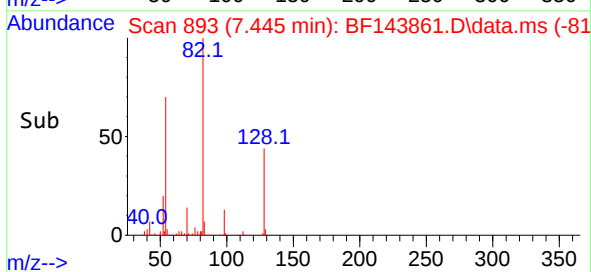
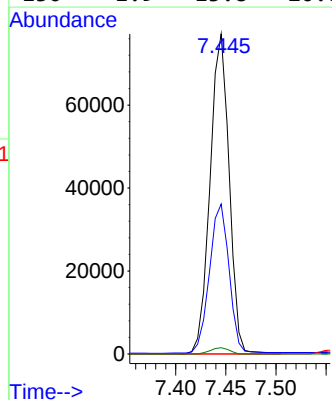
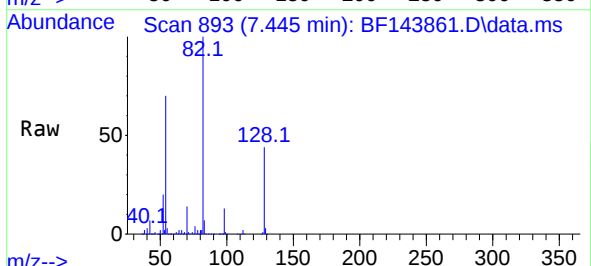
Instrument :
BNA_F
ClientSampleId :

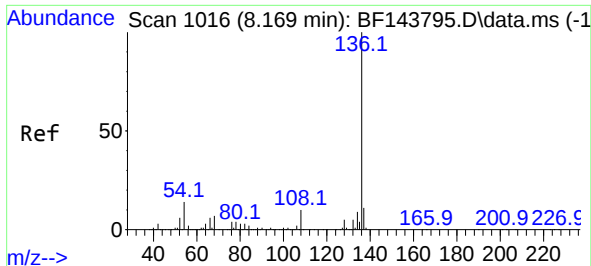
Tgt Ion: 99 Resp: 974947
Ion Ratio Lower Upper
99 100
42 20.4 18.6 28.0
71 35.4 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.042 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

Tgt Ion: 70 Resp: 102348
Ion Ratio Lower Upper
70 100
42 46.9 59.4 89.0#
101 0.0 7.1 10.7#
130 1.9 13.8 20.8#



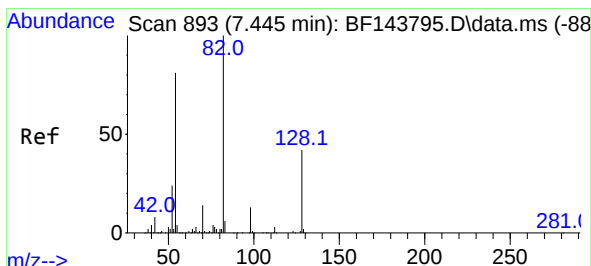
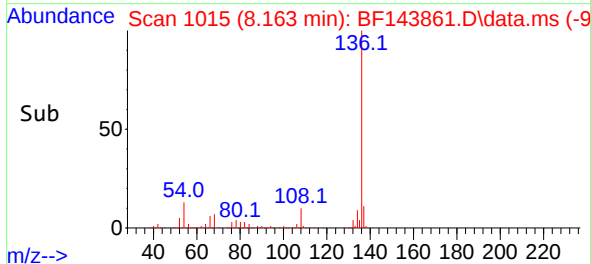
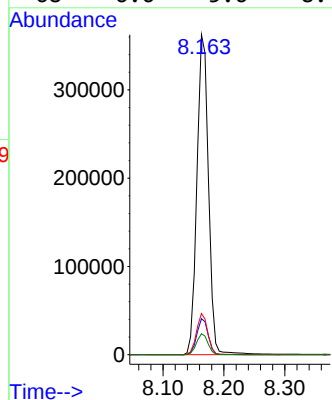
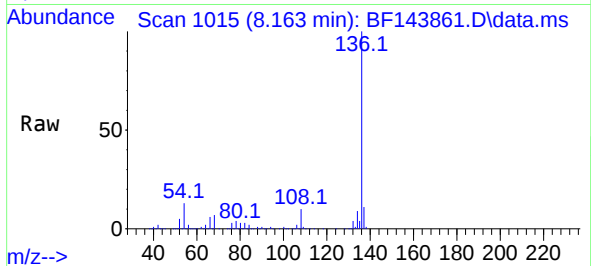


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 479111

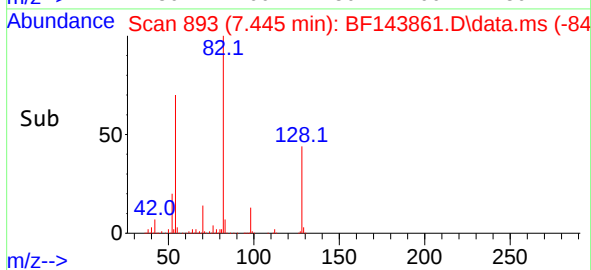
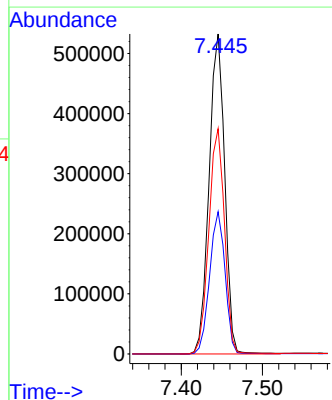
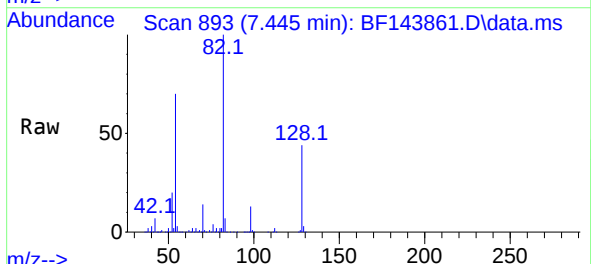
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	12.9	11.2	16.8
68	6.6	5.6	8.4

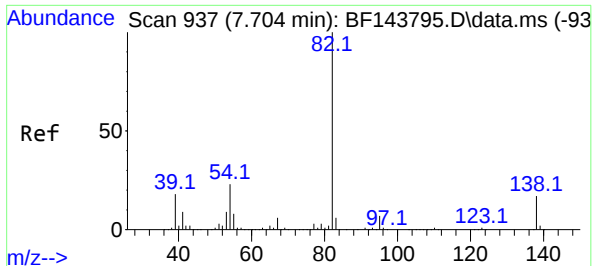


#23
Nitrobenzene-d5
Concen: 90.808 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

Tgt Ion: 82 Resp: 710764

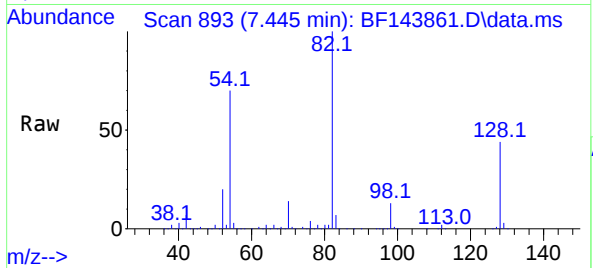
Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.3	49.9
54	70.4	64.2	96.4



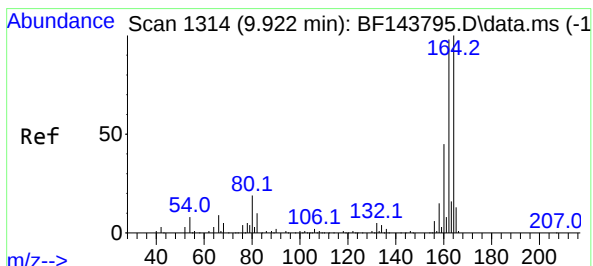
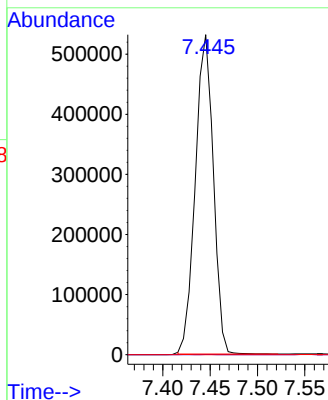
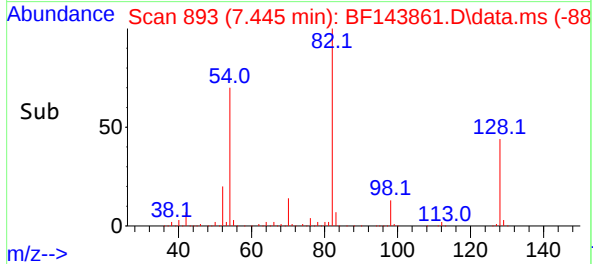


#25
Isophorone
Concen: 46.022 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.265 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

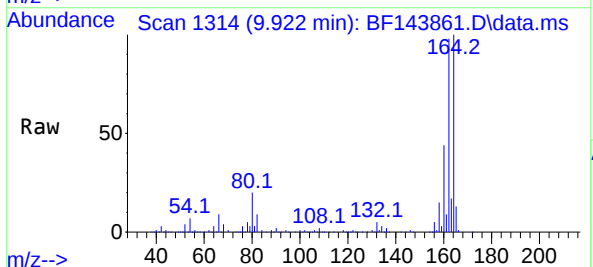
Instrument :
BNA_F
ClientSampleId :



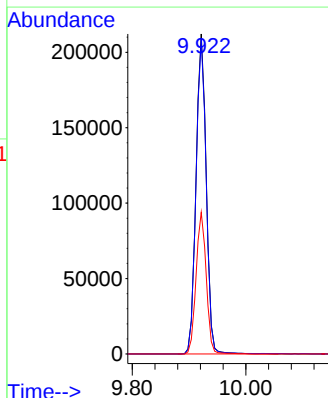
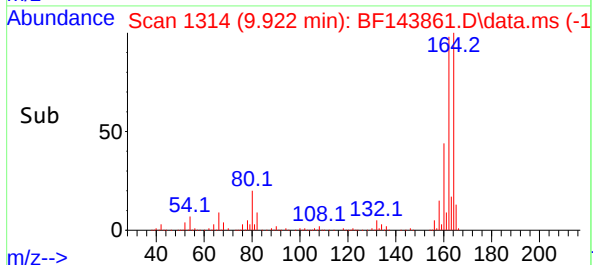
Tgt Ion: 82 Resp: 701958
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#

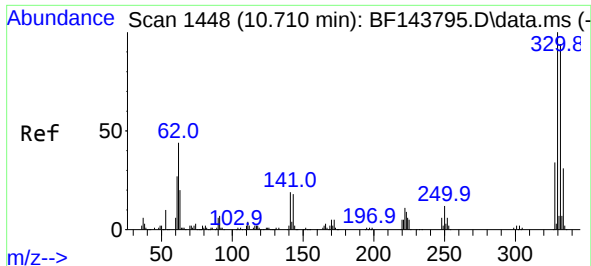


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10



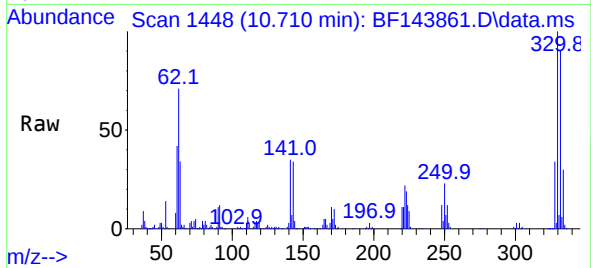
Tgt Ion: 164 Resp: 265963
Ion Ratio Lower Upper
164 100
162 98.3 78.8 118.2
160 44.3 35.8 53.6



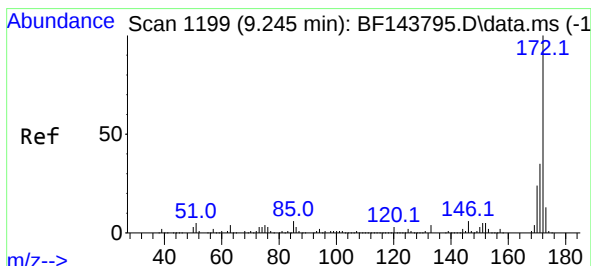
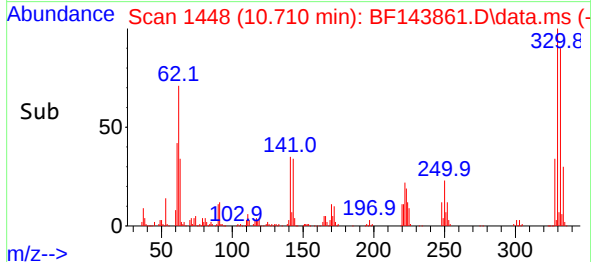
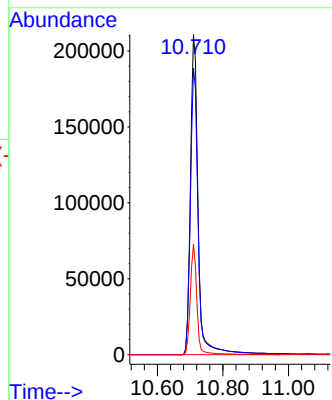


#42
2,4,6-Tribromophenol
Concen: 88.016 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

Instrument :
BNA_F
ClientSampleId :

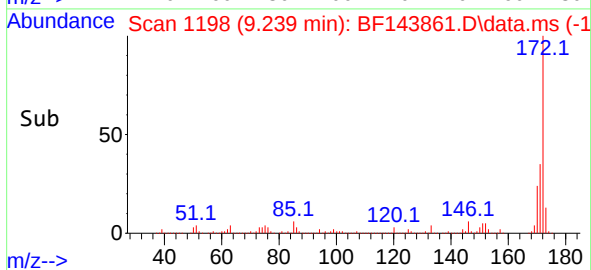
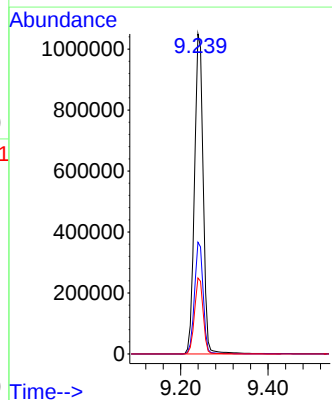
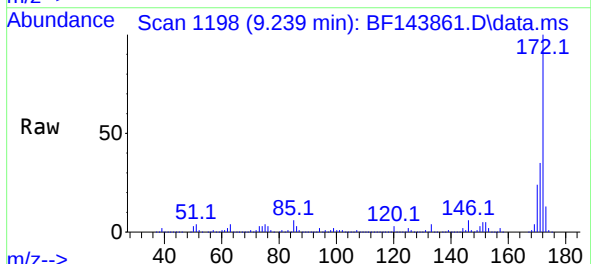


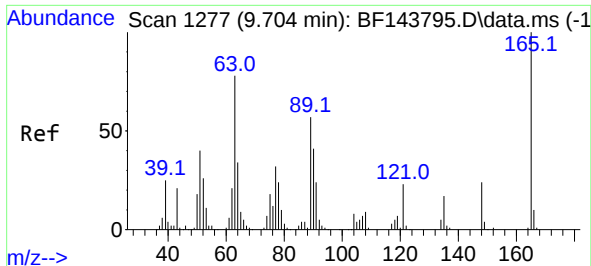
Tgt Ion:330 Resp: 346608
Ion Ratio Lower Upper
330 100
332 90.1 74.7 112.1
141 29.2 14.3 21.5#



#45
2-Fluorobiphenyl
Concen: 85.541 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

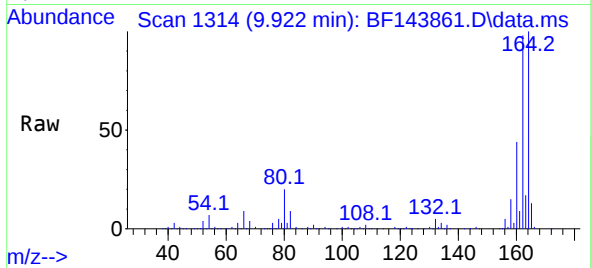
Tgt Ion:172 Resp: 1457924
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.7 19.1 28.7



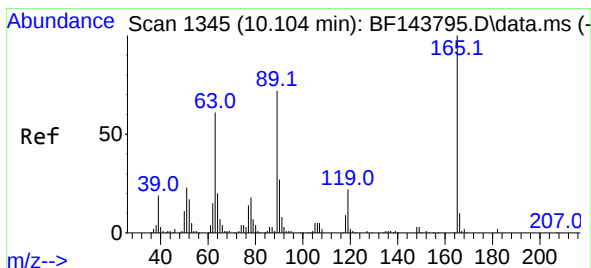
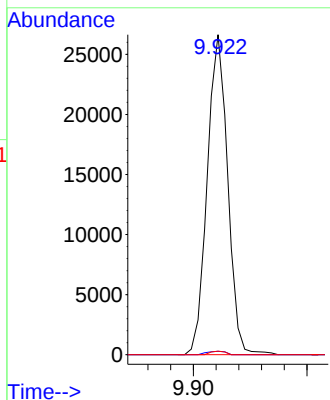
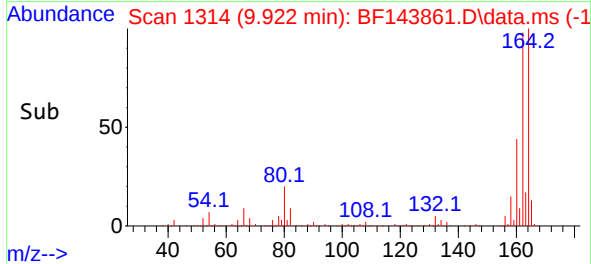


#51
2,6-Dinitrotoluene
Concen: 12.505 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.218 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

Instrument :
BNA_F
ClientSampleId :

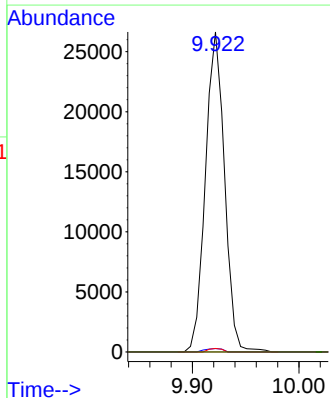
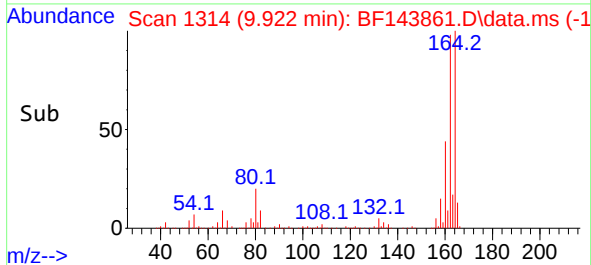
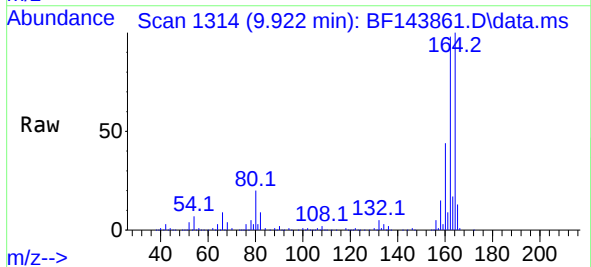


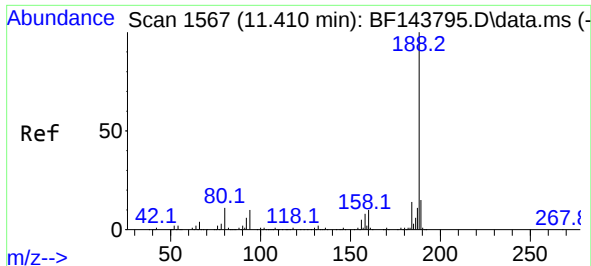
Tgt Ion:165 Resp: 33305
Ion Ratio Lower Upper
165 100
63 1.1 62.6 94.0#
89 1.1 45.2 67.8#



#57
2,4-Dinitrotoluene
Concen: 10.832 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.188 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

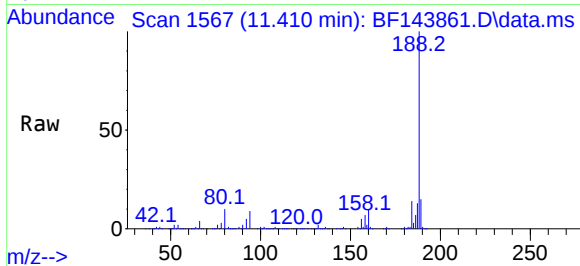
Tgt Ion:165 Resp: 33305
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.1 57.5 86.3#
182 0.0 2.0 3.0#



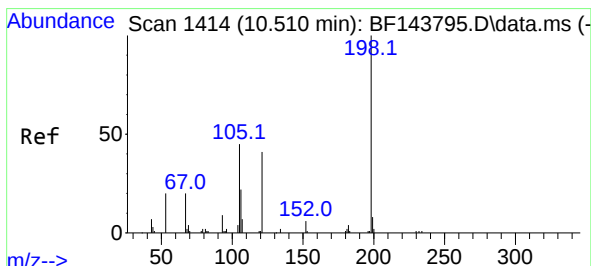
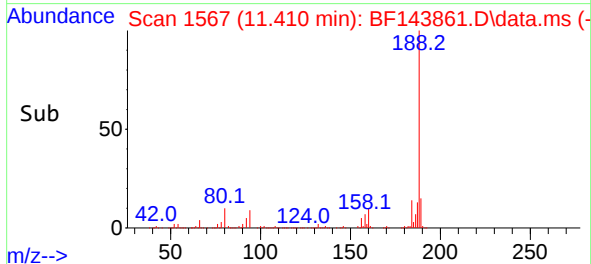
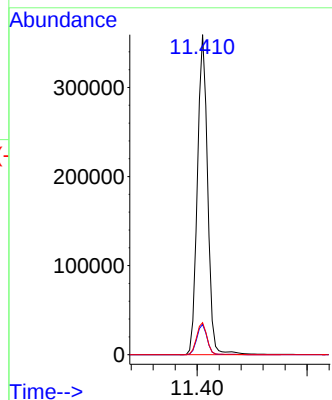


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

Instrument :
BNA_F
ClientSampleId :

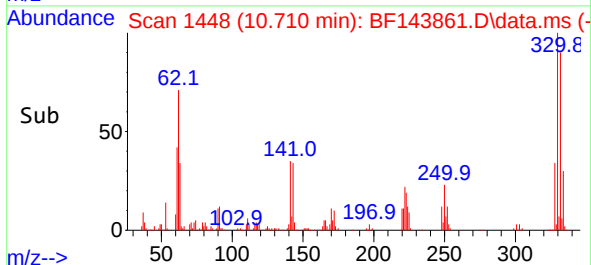
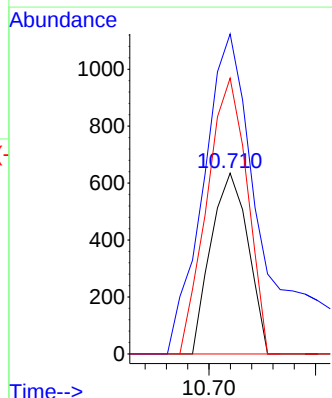
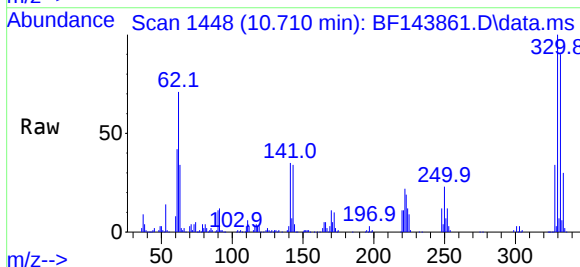


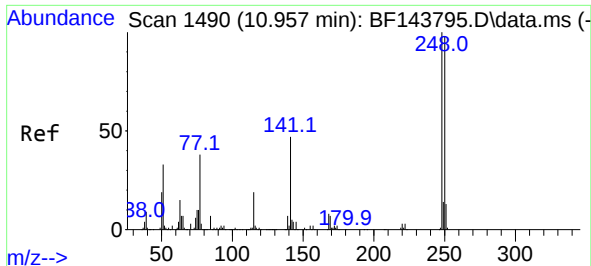
Tgt Ion:188 Resp: 465080
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.0 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.674 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.194 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

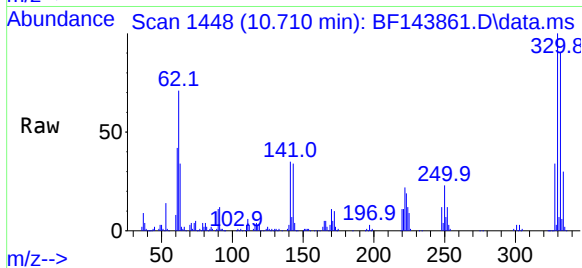
Tgt Ion:198 Resp: 770
Ion Ratio Lower Upper
198 100
51 177.0 52.0 92.0#
105 152.6 27.5 67.5#



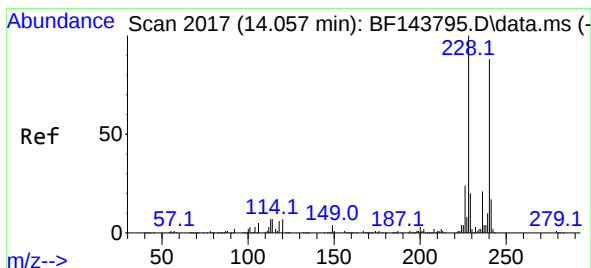
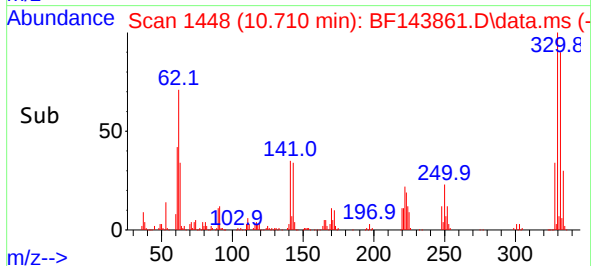
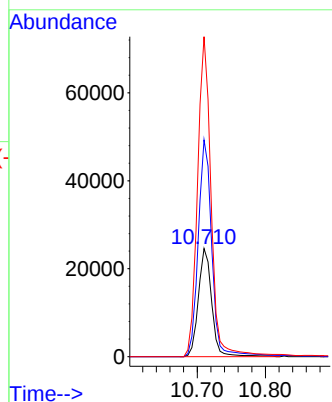


#67
4-Bromophenyl-phenylether
Concen: 4.228 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

Instrument :
BNA_F
ClientSampleId :

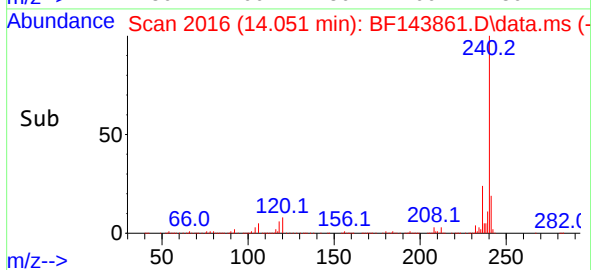
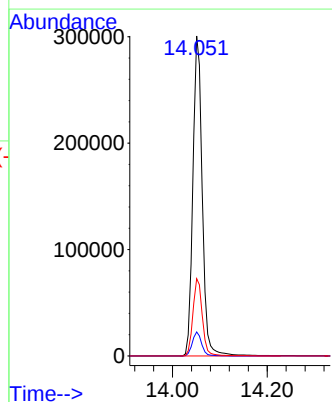
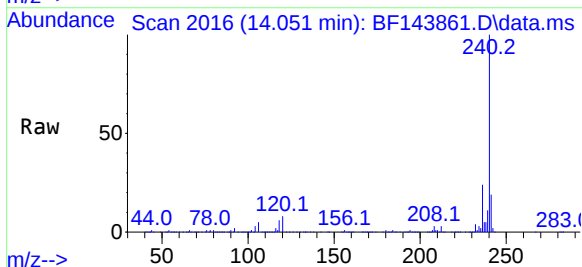


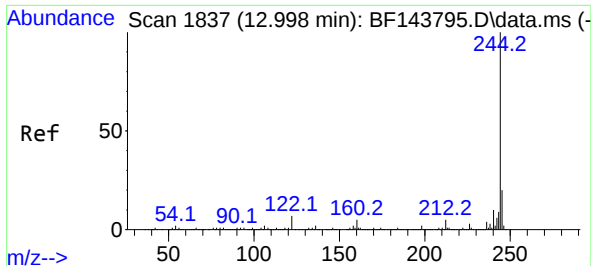
Tgt Ion:248 Resp: 33514
Ion Ratio Lower Upper
248 100
250 200.6 78.7 118.1#
141 296.0 37.9 56.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

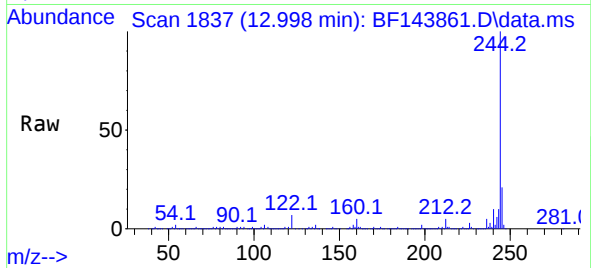
Tgt Ion:240 Resp: 413855
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 24.2 19.4 29.2



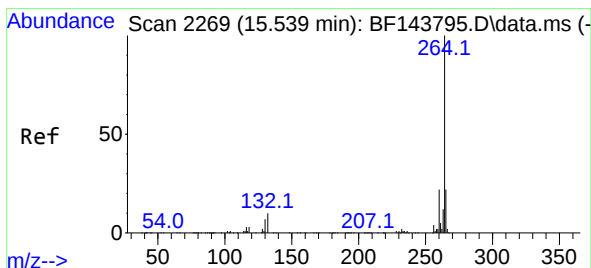
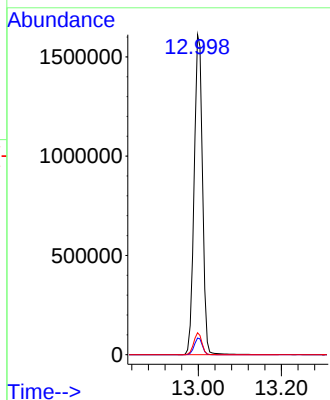


#79
Terphenyl-d14
Concen: 110.212 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143861.D
Acq: 02 Oct 2025 18:10

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:244 Resp: 2242747
Ion Ratio Lower Upper
244 100
212 5.2 3.9 5.9
122 6.9 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: BF143861.D
Acq: 02 Oct 2025 18:10

Tgt Ion:264 Resp: 457022
Ion Ratio Lower Upper
264 100
260 22.6 17.9 26.9
265 22.0 17.7 26.5

