

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143862.D
 Acq On : 02 Oct 2025 18:39
 Operator : RC/JU
 Sample : Q3262-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 02 19:00:39 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)

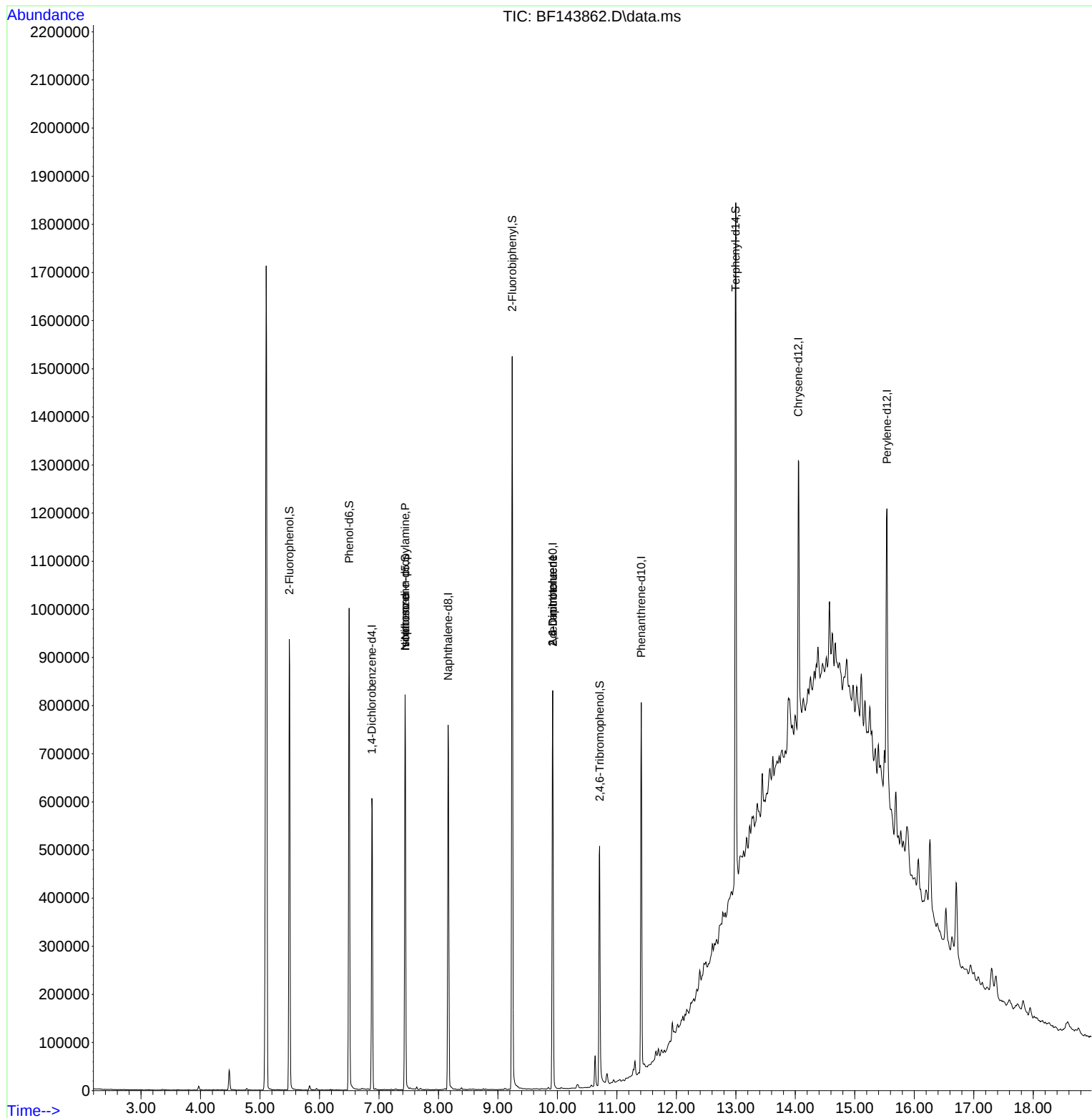
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	128139	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	474071	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	250543	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	407080	20.000	ng	0.00
76) Chrysene-d12	14.051	240	324103	20.000	ng	-0.01
86) Perylene-d12	15.539	264	466317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	326882	41.446	ng	0.00
7) Phenol-d6	6.498	99	432562	47.467	ng	-0.01
23) Nitrobenzene-d5	7.439	82	328605	42.429	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	117095	31.565	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	707707	44.079	ng	0.00
79) Terphenyl-d14	12.998	244	810893	50.884	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	45391	7.746	ng	# 70
25) Isophorone	7.439	82	323448	21.432	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	32063	12.779	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	32064	11.006	ng	# 20

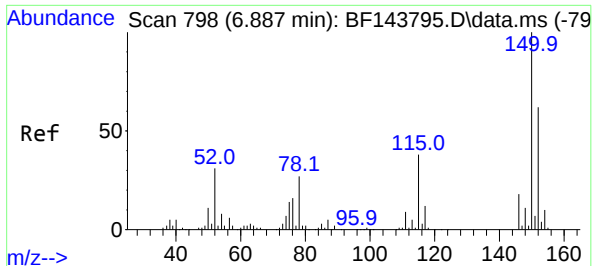
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143862.D
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Operator : RC/JU
Sample : Q3262-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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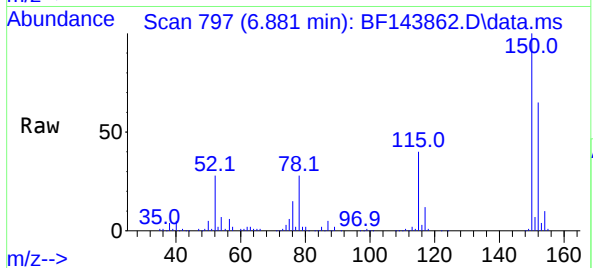
Quant Time: Oct 02 19:00:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



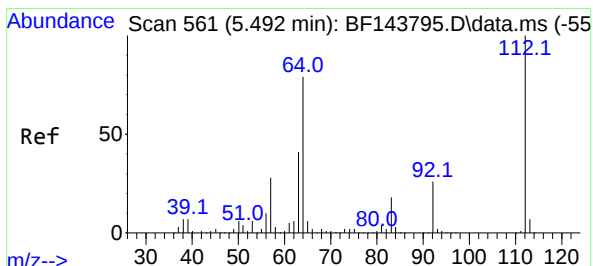
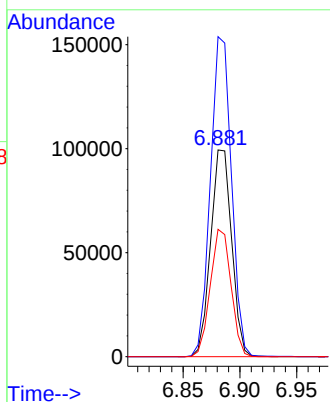
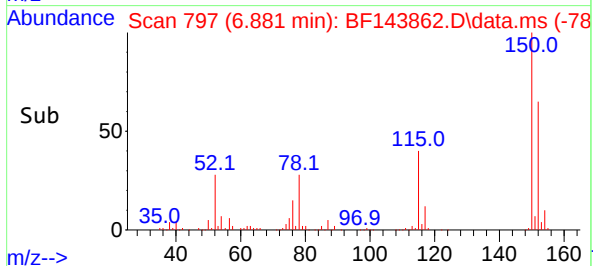


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

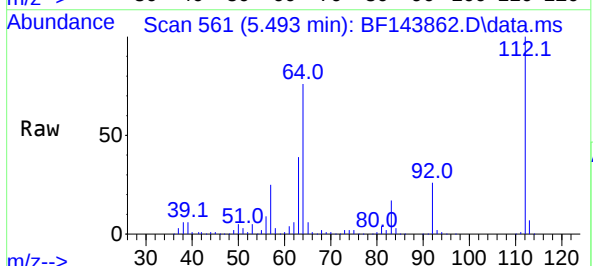
Instrument :
BNA_F
ClientSampleId :



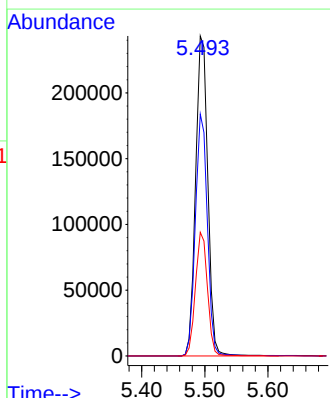
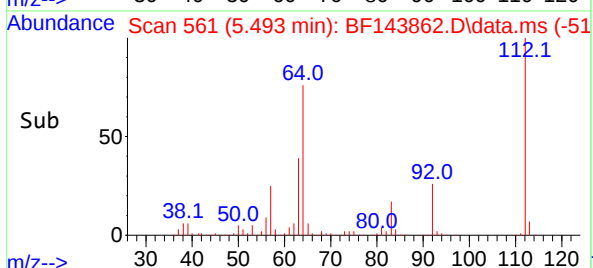
Tgt Ion:152 Resp: 128139
Ion Ratio Lower Upper
152 100
150 154.8 129.6 194.4
115 61.6 49.0 73.4

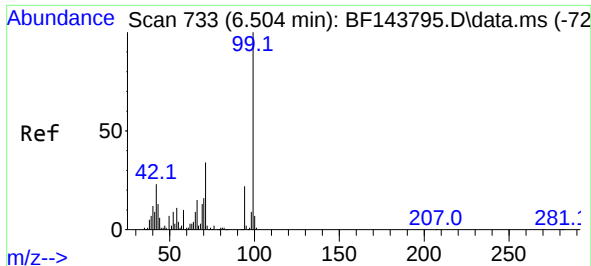


#5
2-Fluorophenol
Concen: 41.446 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.005 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39



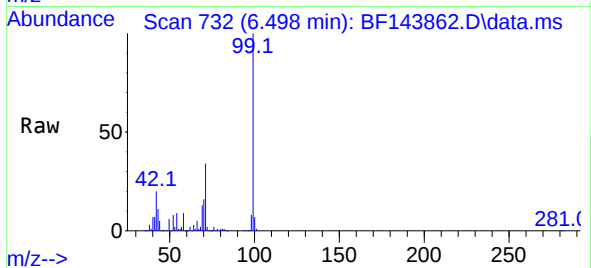
Tgt Ion:112 Resp: 326882
Ion Ratio Lower Upper
112 100
64 75.6 63.0 94.4
63 38.6 32.6 49.0



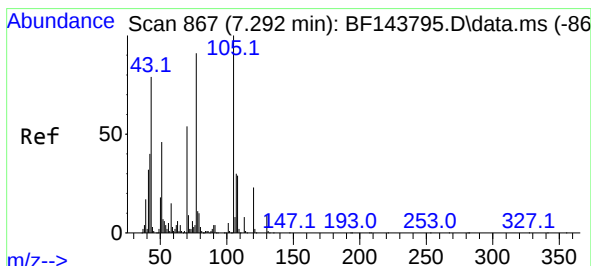
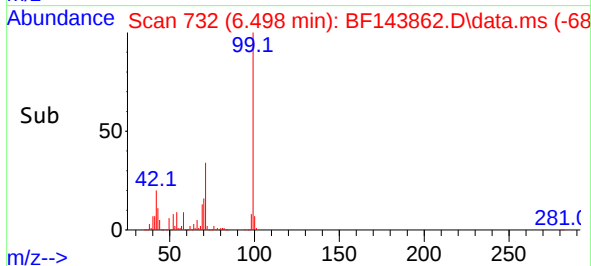
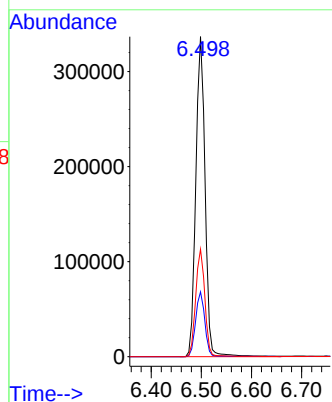


#7
Phenol-d6
Concen: 47.467 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

Instrument :
BNA_F
ClientSampleId :

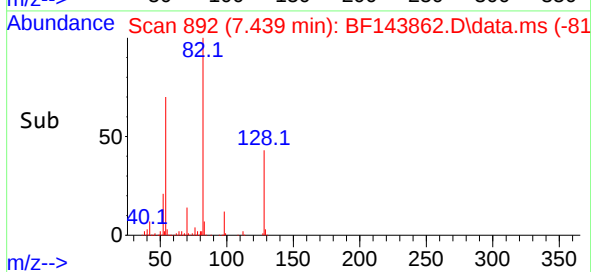
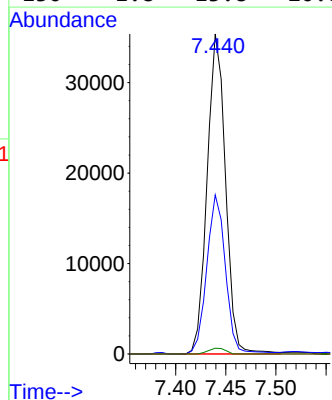
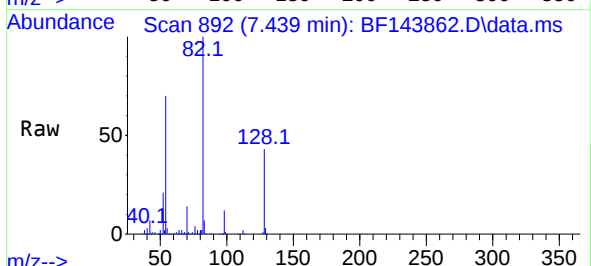


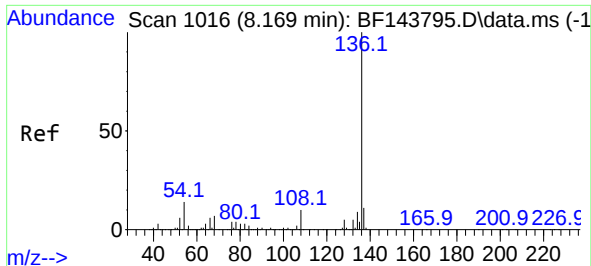
Tgt Ion: 99 Resp: 432562
Ion Ratio Lower Upper
99 100
42 20.2 18.6 28.0
71 33.6 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 7.746 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

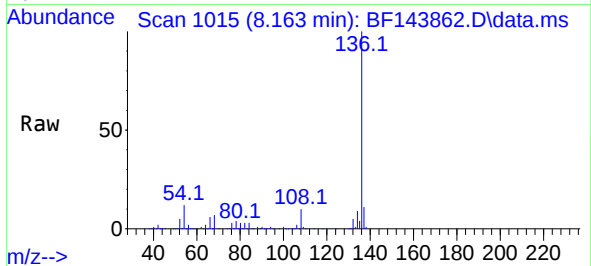
Tgt Ion: 70 Resp: 45391
Ion Ratio Lower Upper
70 100
42 49.7 59.4 89.0#
101 0.0 7.1 10.7#
130 1.8 13.8 20.8#



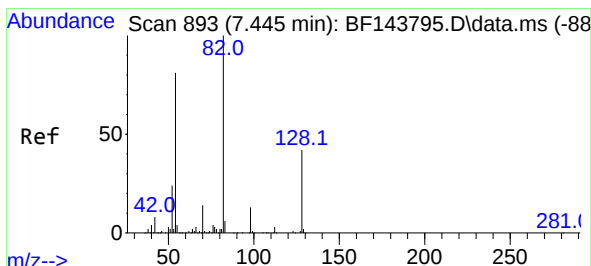
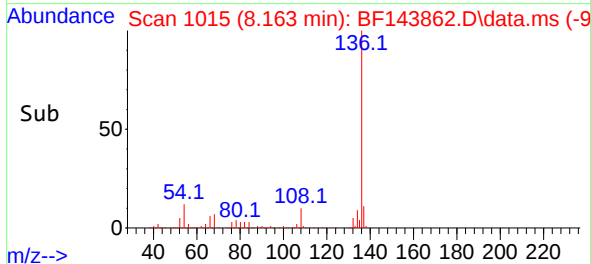
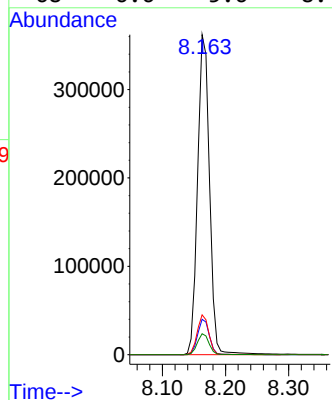


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

Instrument :
BNA_F
ClientSampleId :

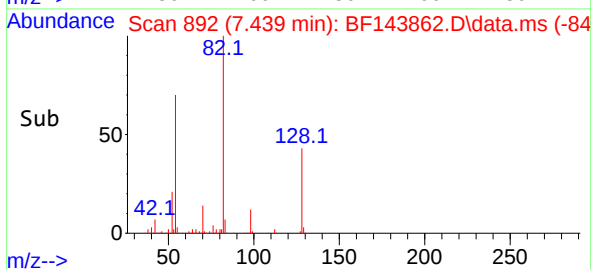
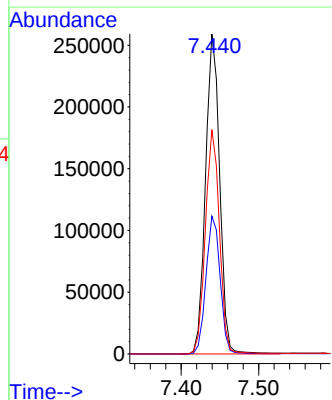
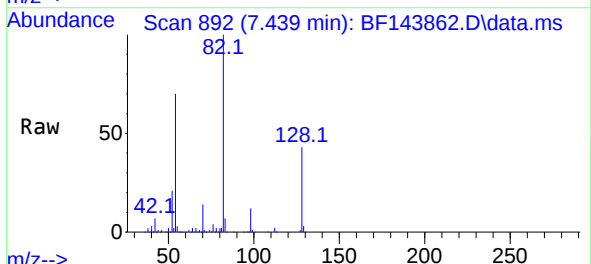


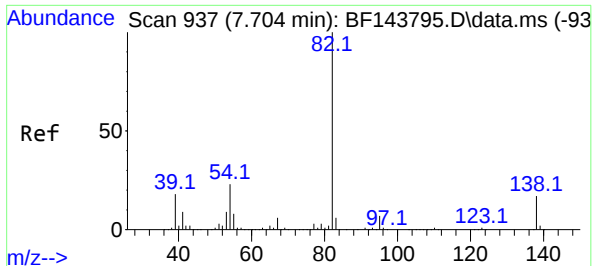
Tgt Ion:136 Resp: 474071
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 12.5 11.2 16.8
68 6.6 5.6 8.4



#23
Nitrobenzene-d5
Concen: 42.429 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.011 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

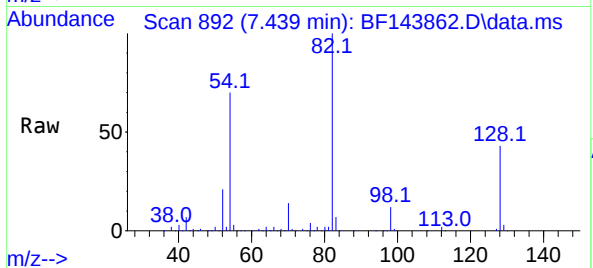
Tgt Ion: 82 Resp: 328605
Ion Ratio Lower Upper
82 100
128 43.0 33.3 49.9
54 70.1 64.2 96.4



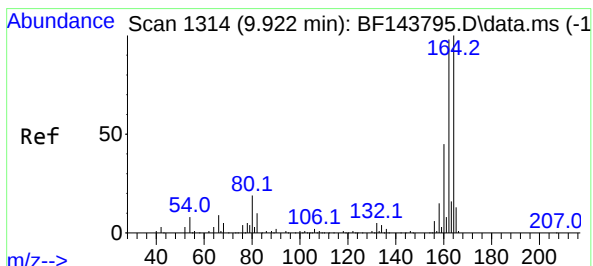
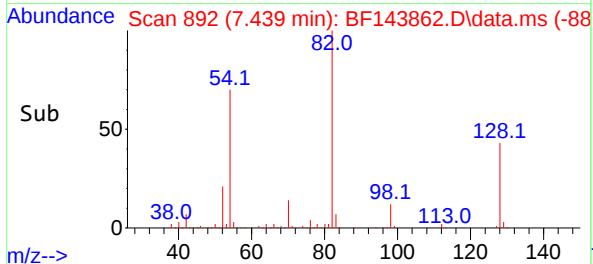
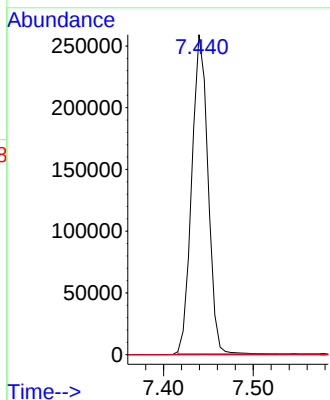


#25
Isophorone
Concen: 21.432 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.271 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

Instrument :
BNA_F
ClientSampleId :

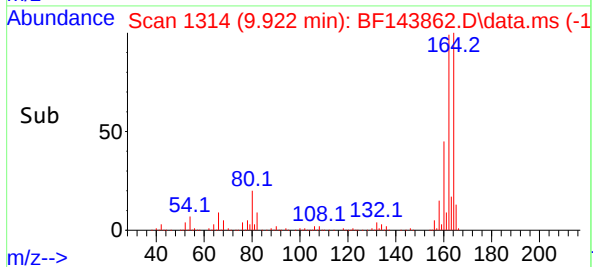
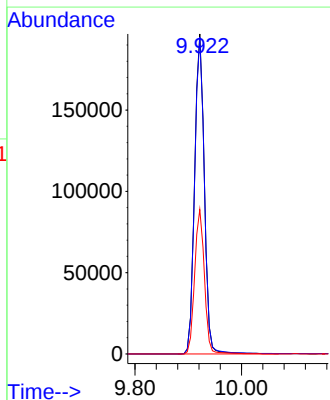
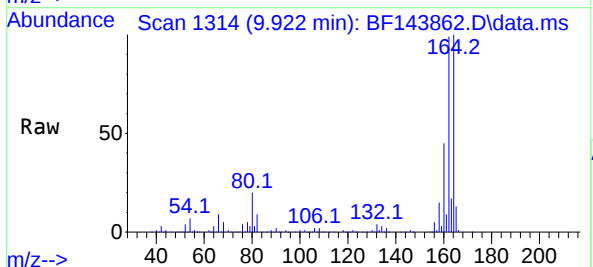


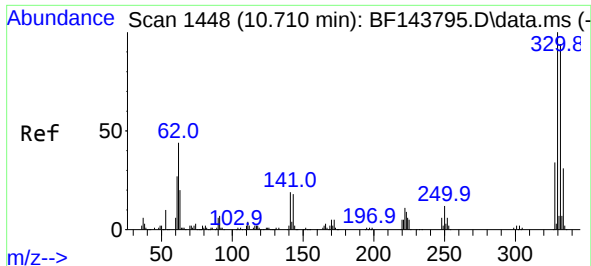
Tgt Ion: 82 Resp: 323448
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

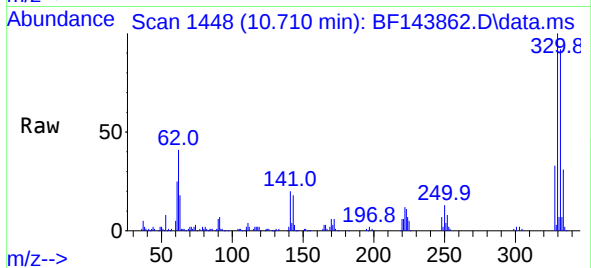
Tgt Ion:164 Resp: 250543
Ion Ratio Lower Upper
164 100
162 99.0 78.8 118.2
160 45.2 35.8 53.6



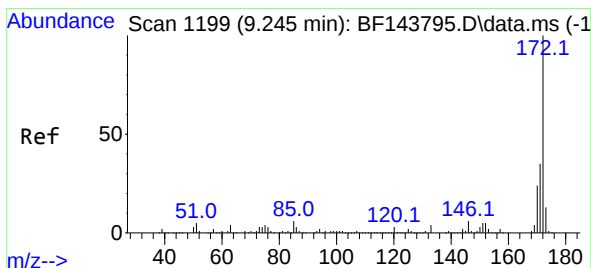
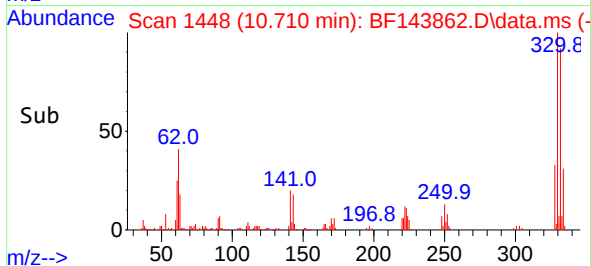
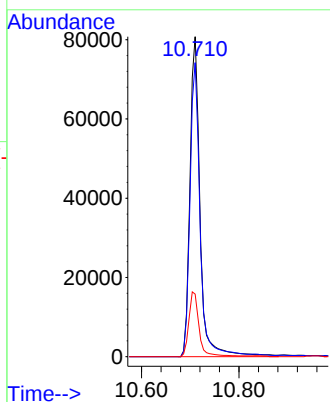


#42
2,4,6-Tribromophenol
Concen: 31.565 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

Instrument :
BNA_F
ClientSampleId :

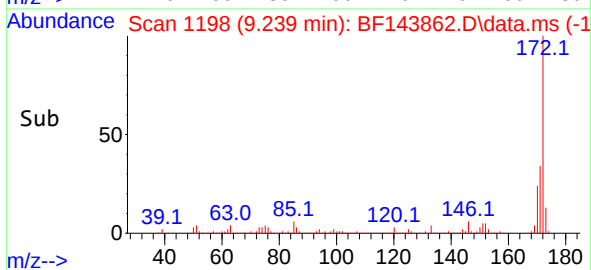
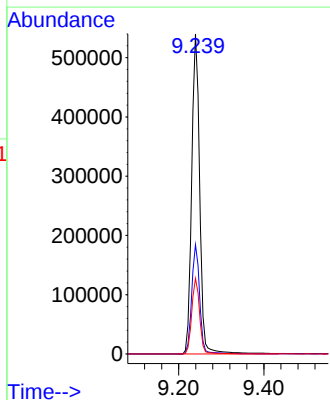
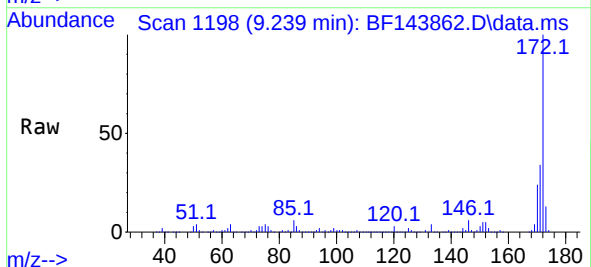


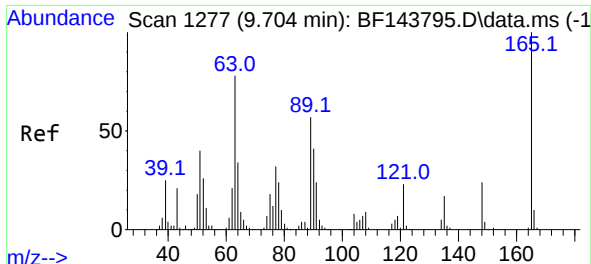
Tgt Ion:330 Resp: 117095
Ion Ratio Lower Upper
330 100
332 91.7 74.7 112.1
141 20.6 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 44.079 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

Tgt Ion:172 Resp: 707707
Ion Ratio Lower Upper
172 100
171 34.1 27.9 41.9
170 23.6 19.1 28.7

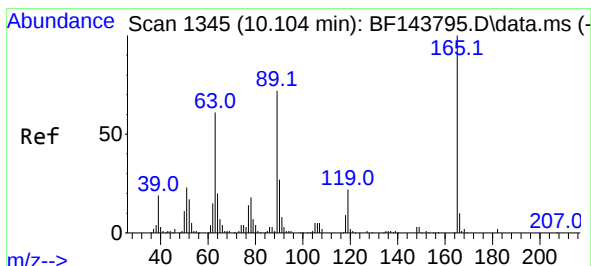
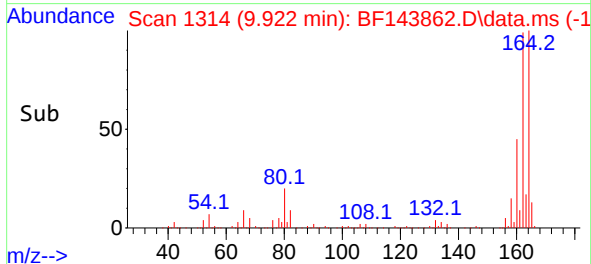
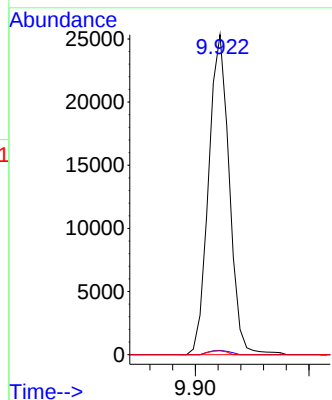
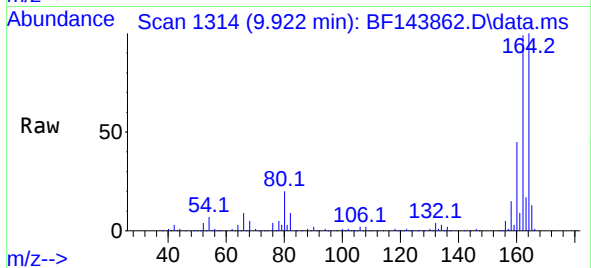




#51
2,6-Dinitrotoluene
Concen: 12.779 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.218 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

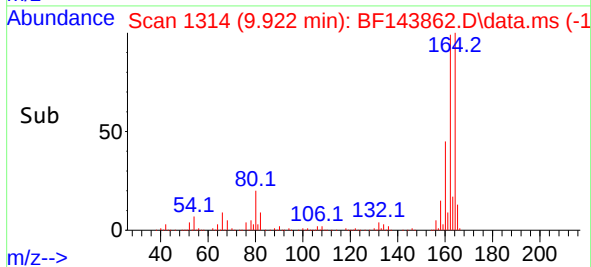
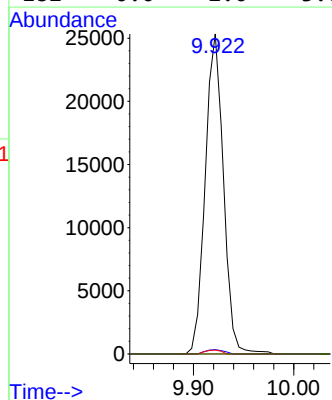
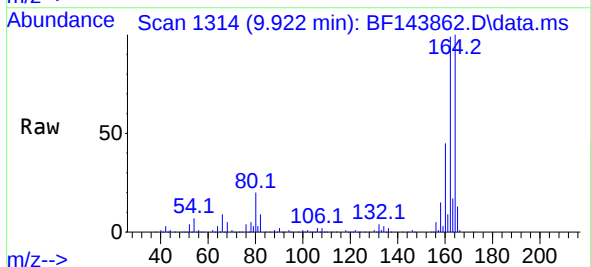
Instrument :
BNA_F
ClientSampleId :

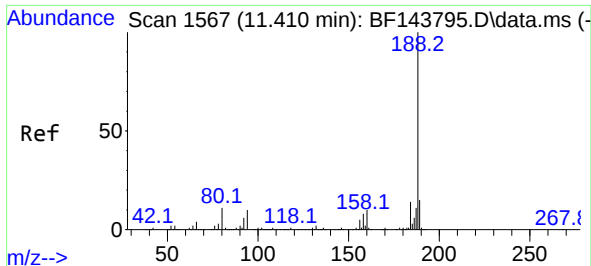
Tgt Ion:165 Resp: 32063
Ion Ratio Lower Upper
165 100
63 1.4 62.6 94.0#
89 1.2 45.2 67.8#



#57
2,4-Dinitrotoluene
Concen: 11.006 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.188 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

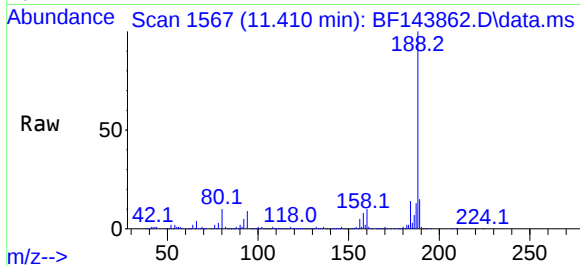
Tgt Ion:165 Resp: 32064
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.2 57.5 86.3#
182 0.0 2.0 3.0#



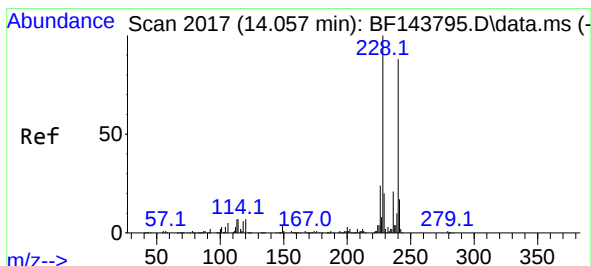
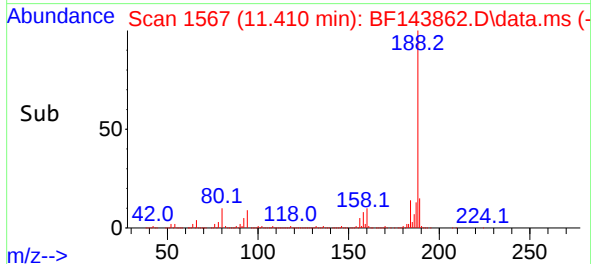
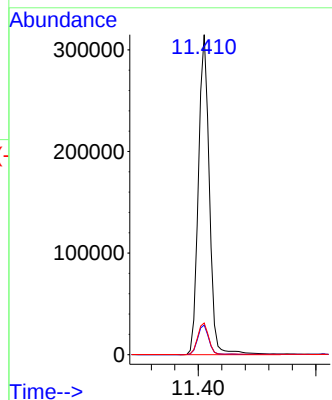


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

Instrument :
BNA_F
ClientSampleId :

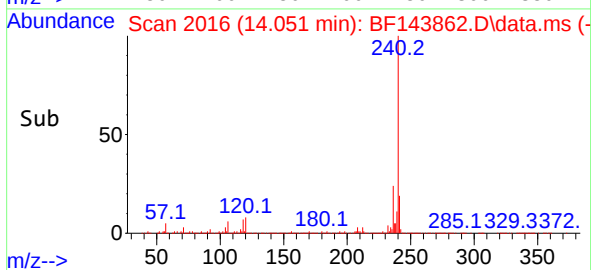
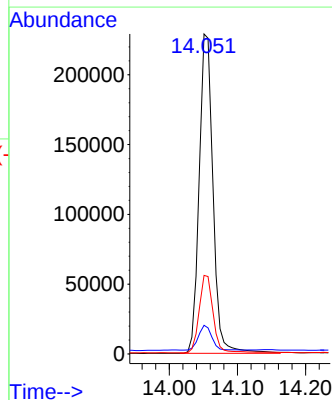
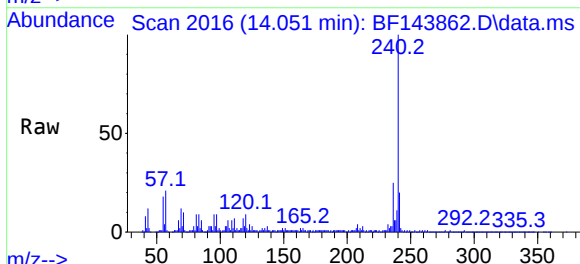


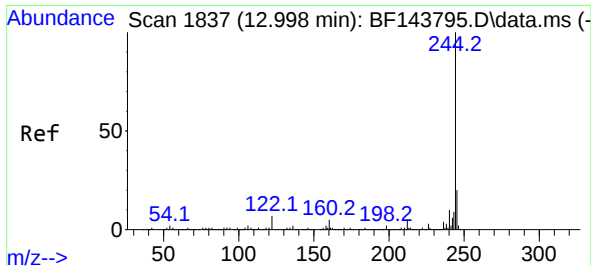
Tgt Ion:188 Resp: 407080
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

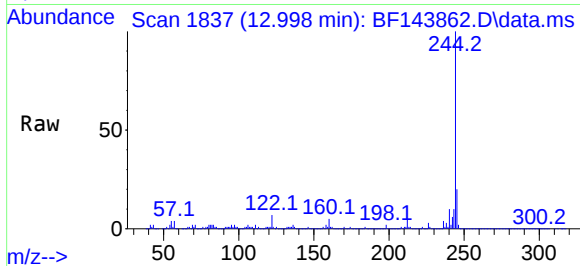
Tgt Ion:240 Resp: 324103
Ion Ratio Lower Upper
240 100
120 9.0 6.2 9.4
236 24.5 19.4 29.2



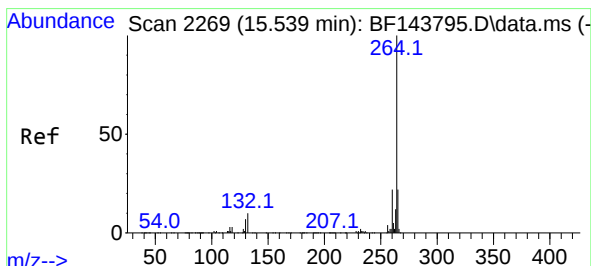
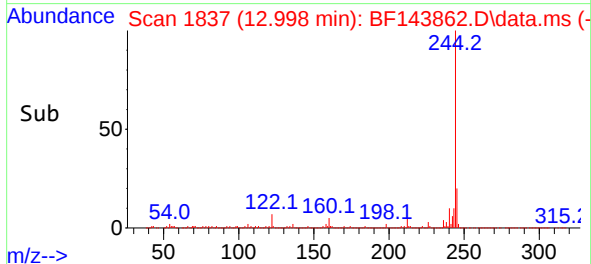
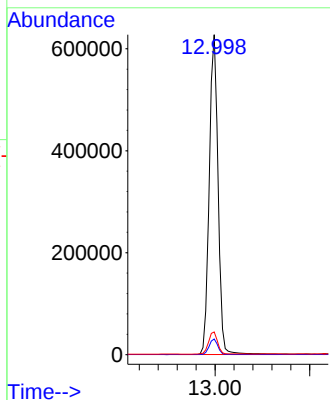


#79
Terphenyl-d14
Concen: 50.884 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143862.D
Acq: 02 Oct 2025 18:39

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:244 Resp: 810893
Ion Ratio Lower Upper
244 100
212 4.9 3.9 5.9
122 7.1 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: BF143862.D
Acq: 02 Oct 2025 18:39

Tgt Ion:264 Resp: 466317
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 21.7 17.7 26.5

