

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144152.D
 Acq On : 30 Oct 2025 21:06
 Operator : RC/JU
 Sample : Q3482-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7

Quant Time: Oct 31 01:02:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

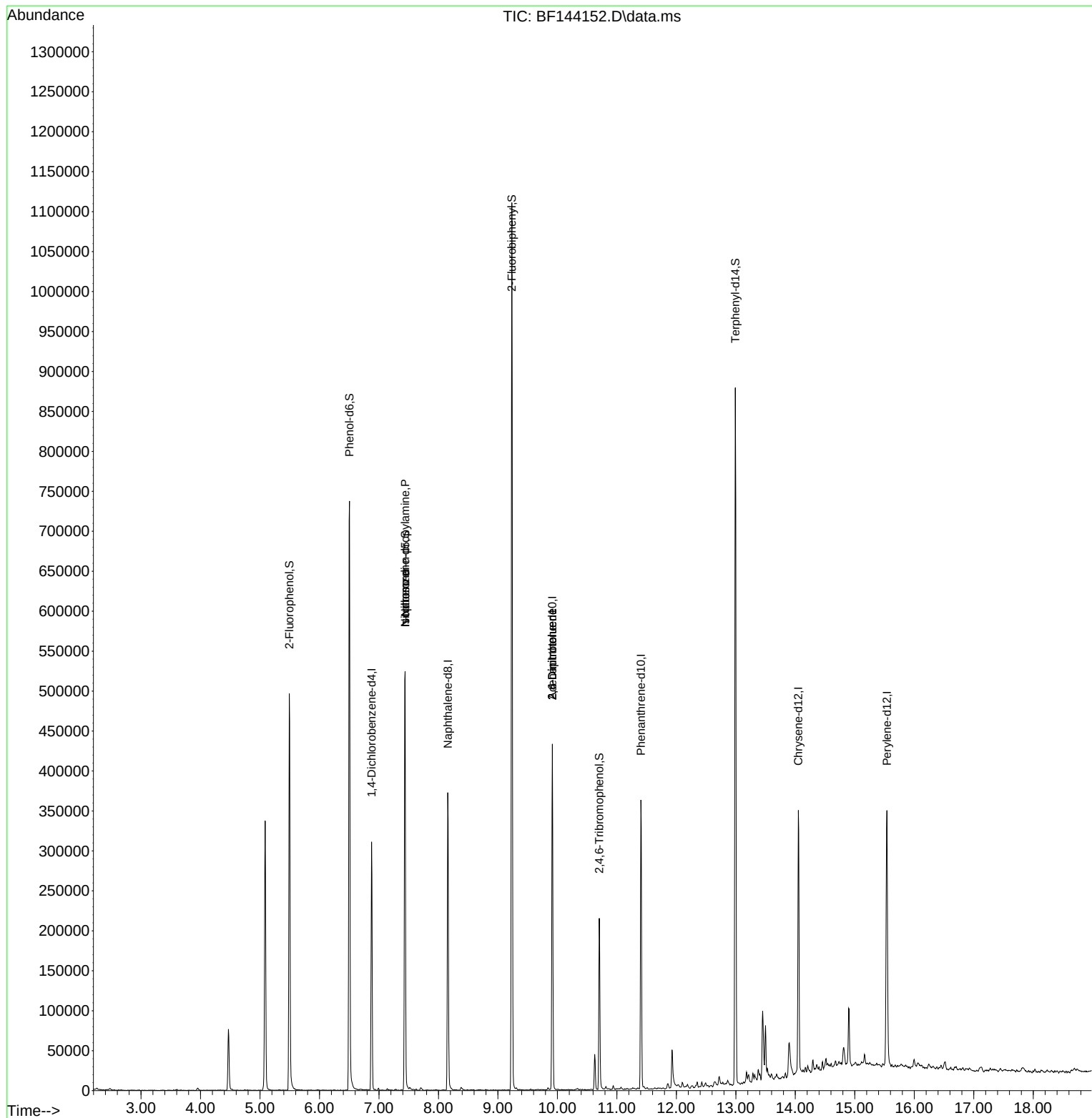
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66071	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	242087	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	133502	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	204810	20.000	ng	0.00
76) Chrysene-d12	14.051	240	173417	20.000	ng	0.00
86) Perylene-d12	15.539	264	210333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	199462	47.762	ng	0.00
7) Phenol-d6	6.504	99	320697	69.534	ng	0.00
23) Nitrobenzene-d5	7.439	82	224363	50.776	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	44452	26.140	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	513956	54.175	ng	0.00
79) Terphenyl-d14	12.992	244	457448	46.115	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	34349	11.517	ng	# 69
25) Isophorone	7.439	82	224362	29.043	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	15966	9.229	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	15966	6.838	ng	# 25

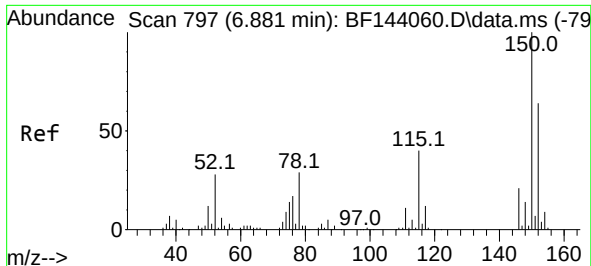
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

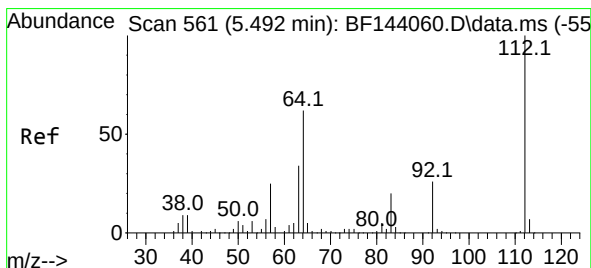
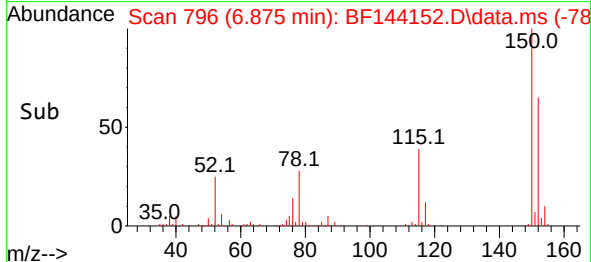
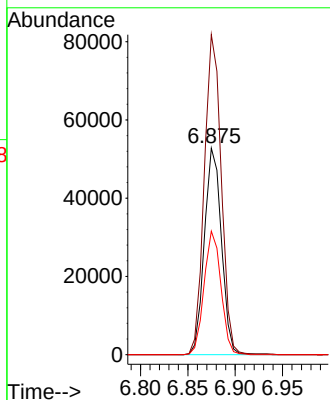
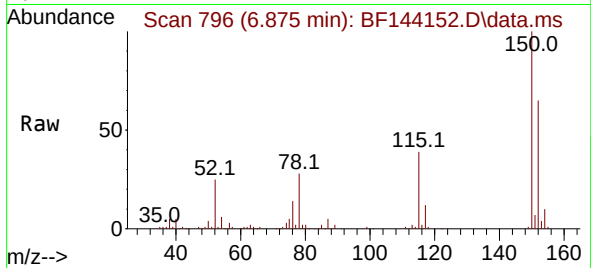




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

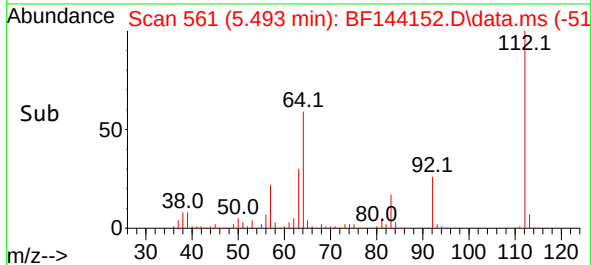
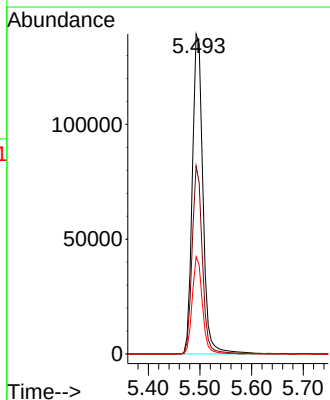
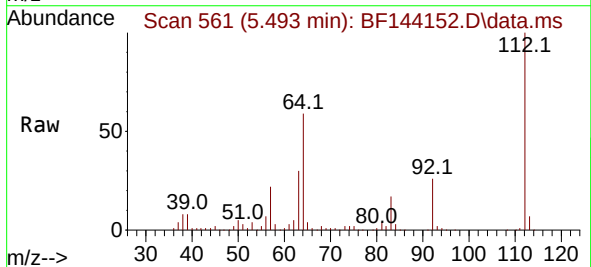
Instrument :
BNA_F
ClientSampleId :
WC-7

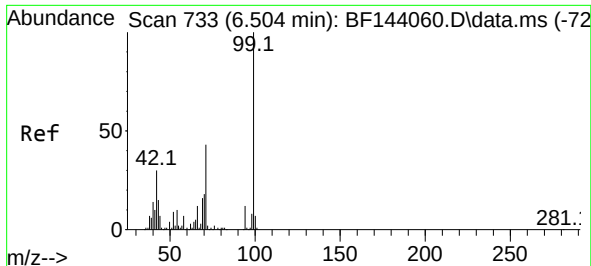
Tgt Ion:152 Resp: 66071
Ion Ratio Lower Upper
152 100
150 154.9 124.4 186.6
115 59.8 49.4 74.0



#5
2-Fluorophenol
Concen: 47.762 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

Tgt Ion:112 Resp: 199462
Ion Ratio Lower Upper
112 100
64 58.7 49.8 74.8
63 30.4 27.4 41.2





#7
Phenol-d6
Concen: 69.534 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

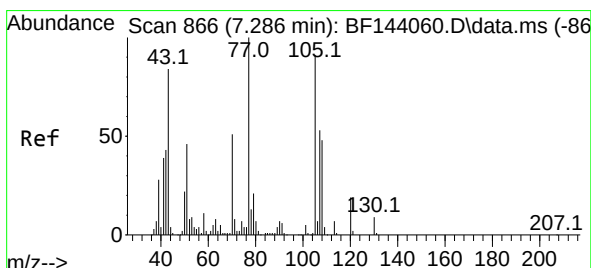
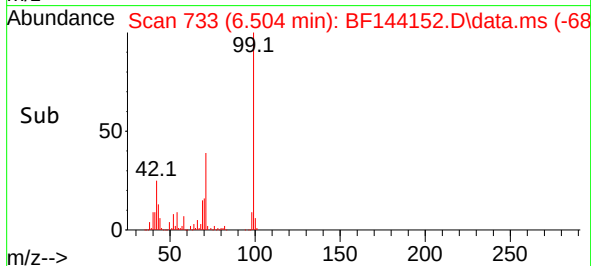
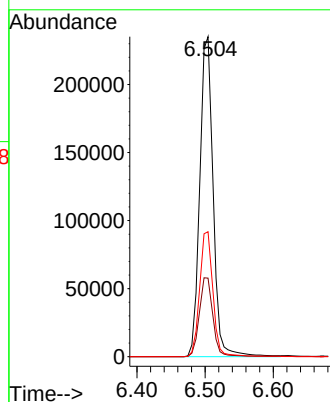
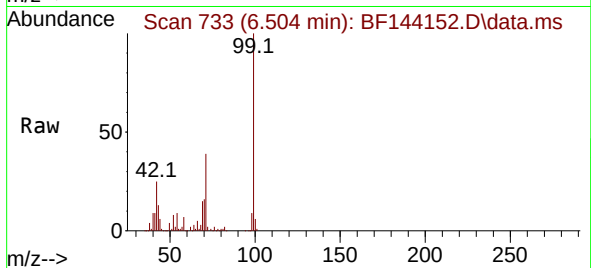
Instrument :

BNA_F

ClientSampleId :

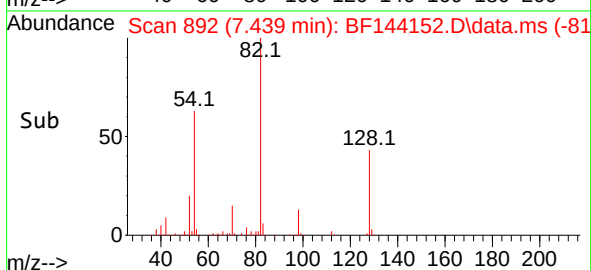
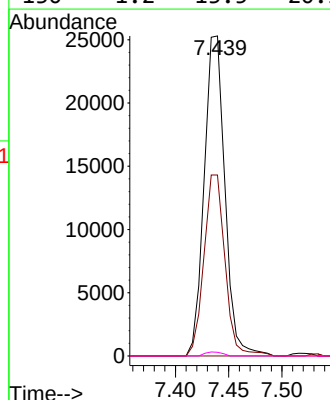
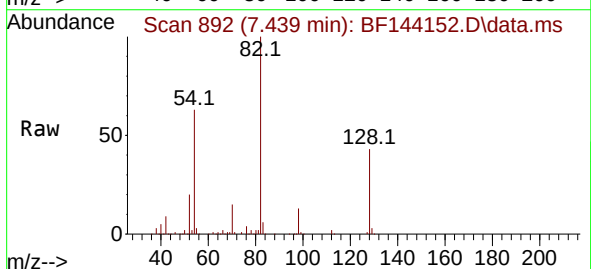
WC-7

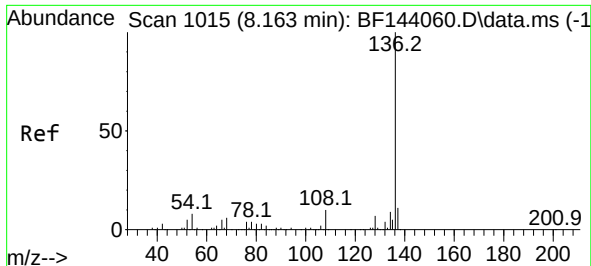
Tgt Ion: 99 Resp: 320697
Ion Ratio Lower Upper
99 100
42 24.5 23.9 35.9
71 39.1 34.4 51.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.517 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.153 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

Tgt Ion: 70 Resp: 34349
Ion Ratio Lower Upper
70 100
42 56.6 67.4 101.0#
101 0.0 7.1 10.7#
130 1.2 13.5 20.3#



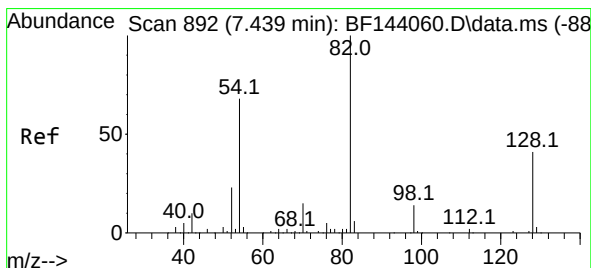
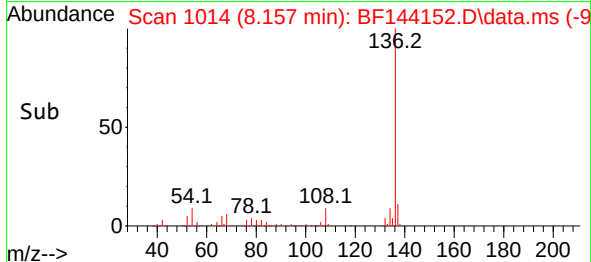
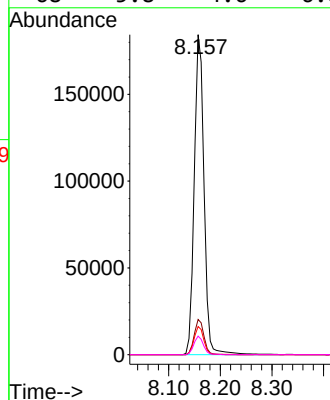
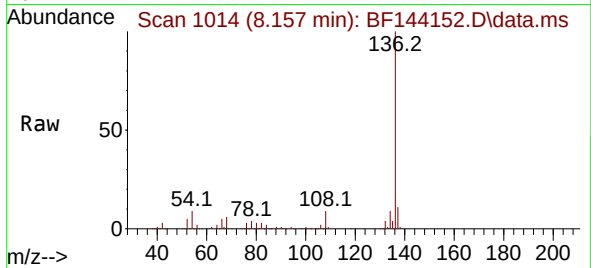


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

Instrument :
BNA_F
ClientSampleId :
WC-7

Tgt Ion:136 Resp: 242087

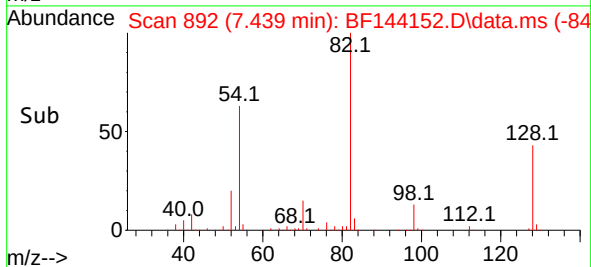
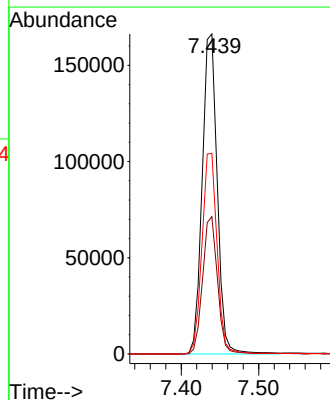
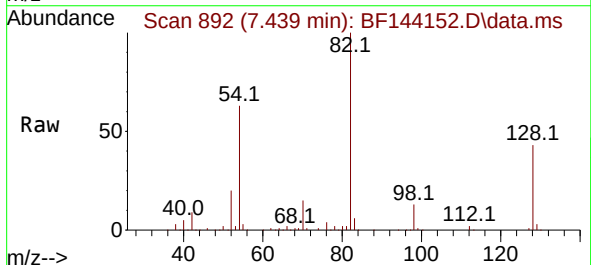
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.8	6.6	9.8
68	5.8	4.6	6.8

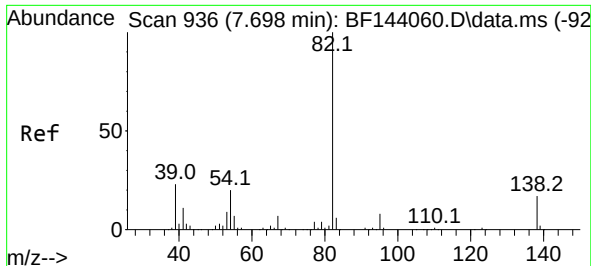


#23
Nitrobenzene-d5
Concen: 50.776 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

Tgt Ion: 82 Resp: 224363

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.4	48.6
54	62.7	54.0	81.0

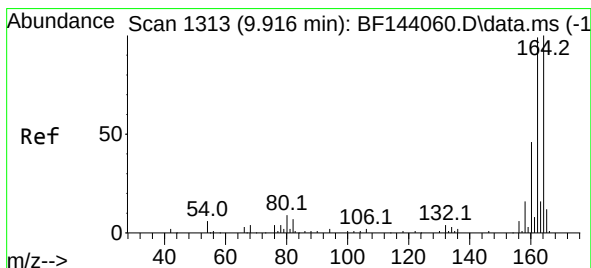
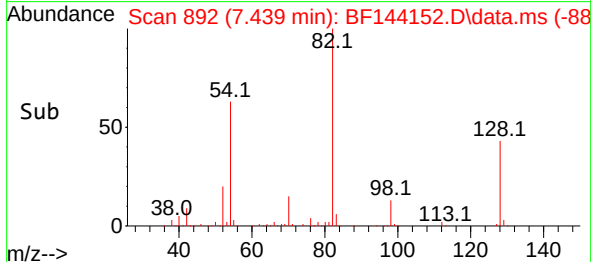
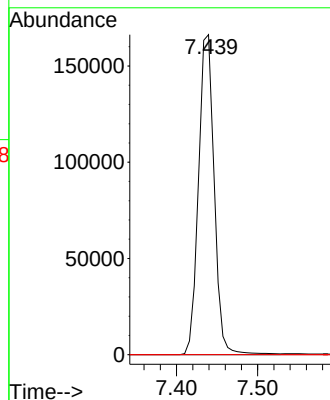
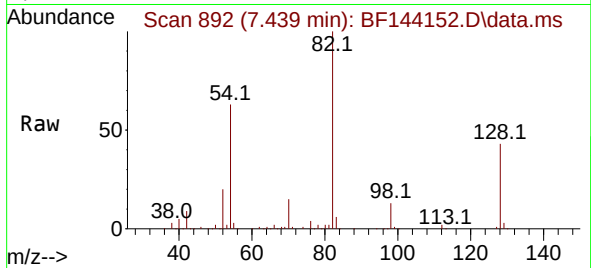




#25
Isophorone
Concen: 29.043 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.259 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

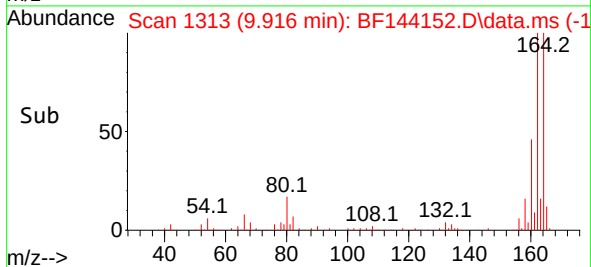
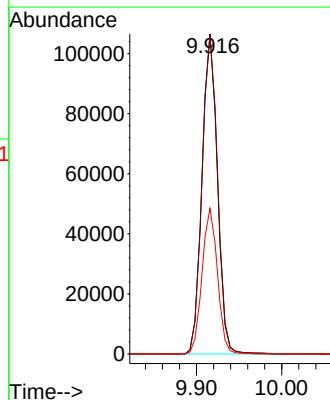
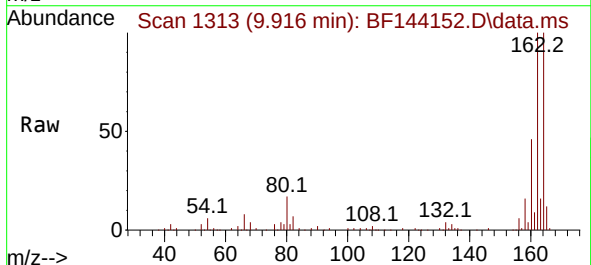
Instrument :
BNA_F
ClientSampleId :
WC-7

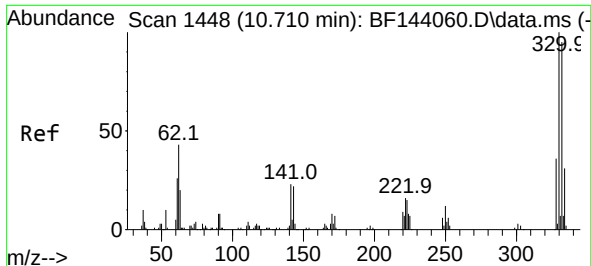
Tgt Ion: 82 Resp: 224362
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

Tgt Ion:164 Resp: 133502
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 45.5 36.7 55.1

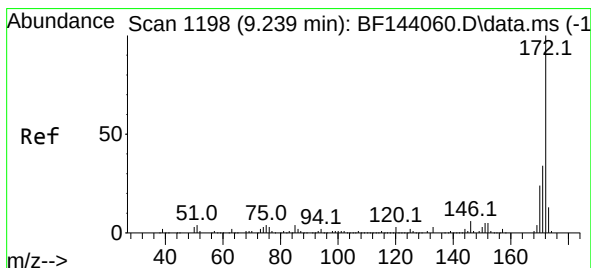
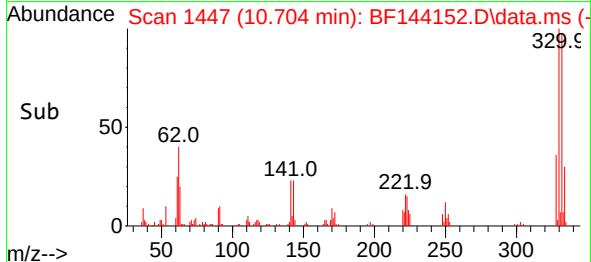
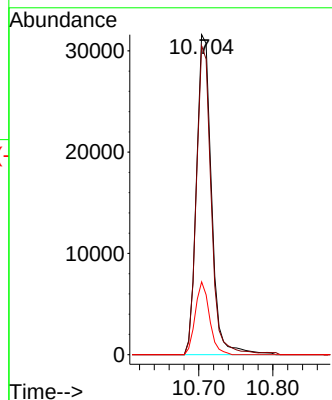
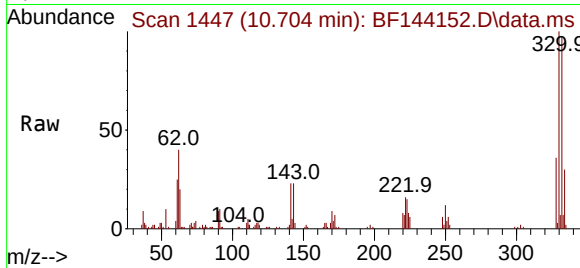




#42
2,4,6-Tribromophenol
Concen: 26.140 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

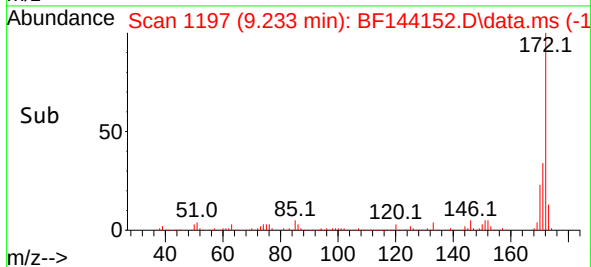
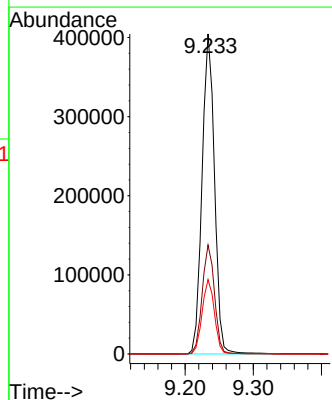
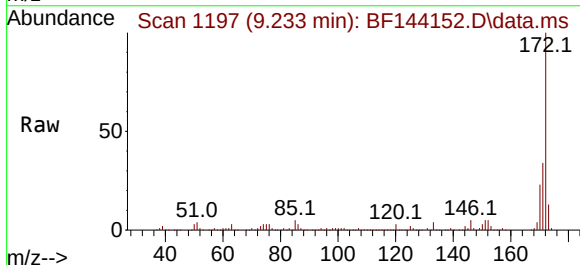
Instrument :
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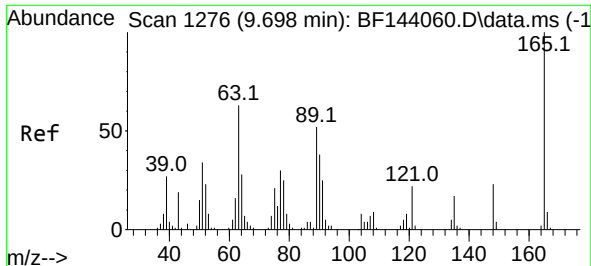
Tgt Ion: 330 Resp: 44452
Ion Ratio Lower Upper
330 100
332 94.3 77.0 115.6
141 21.5 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 54.175 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

Tgt Ion: 172 Resp: 513956
Ion Ratio Lower Upper
172 100
171 34.0 27.5 41.3
170 23.2 19.0 28.6

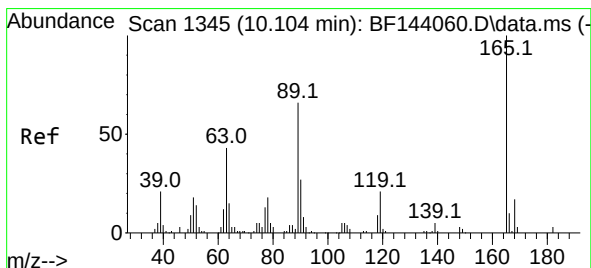
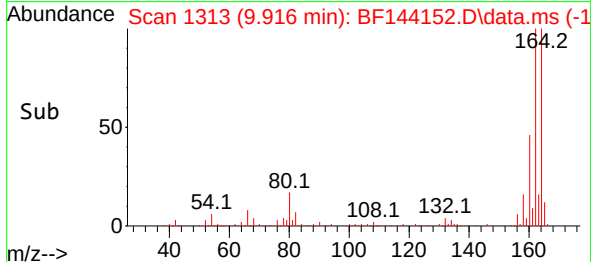
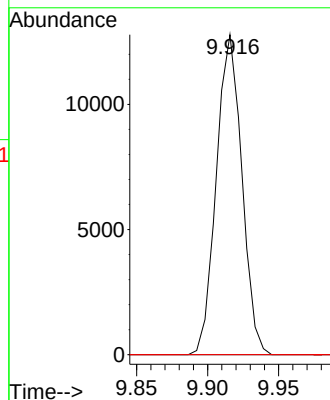
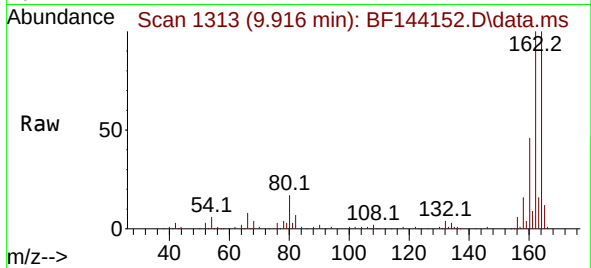




#51
2,6-Dinitrotoluene
Concen: 9.229 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

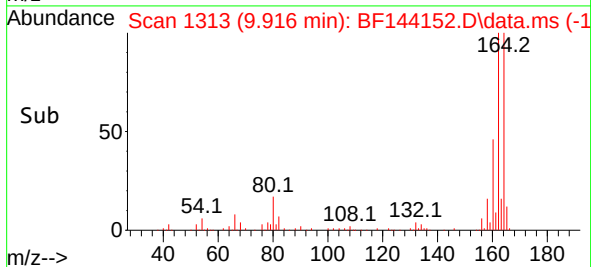
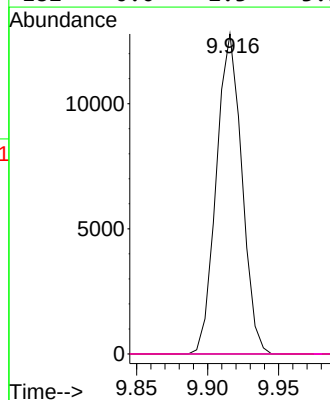
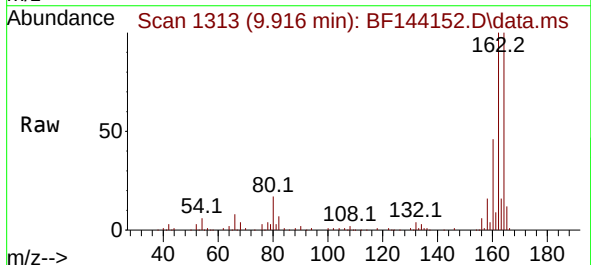
Instrument :
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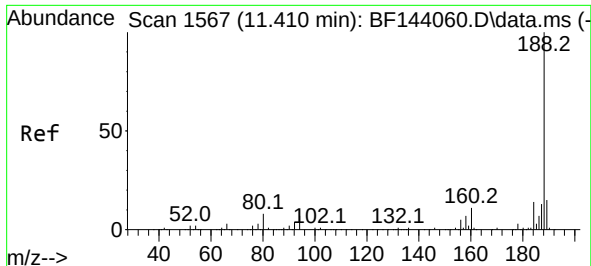
Tgt Ion:165 Resp: 15966
Ion Ratio Lower Upper
165 100
63 0.0 50.4 75.6#
89 0.0 41.4 62.2#



#57
2,4-Dinitrotoluene
Concen: 6.838 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.188 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

Tgt Ion:165 Resp: 15966
Ion Ratio Lower Upper
165 100
63 0.0 35.4 53.2#
89 0.0 52.7 79.1#
182 0.0 2.3 3.5#

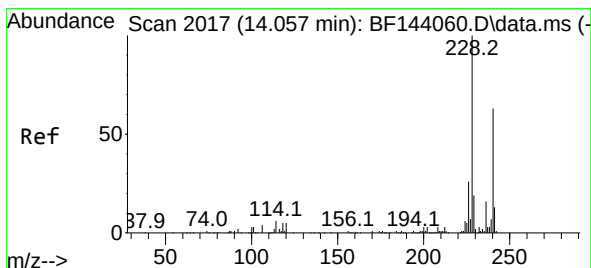
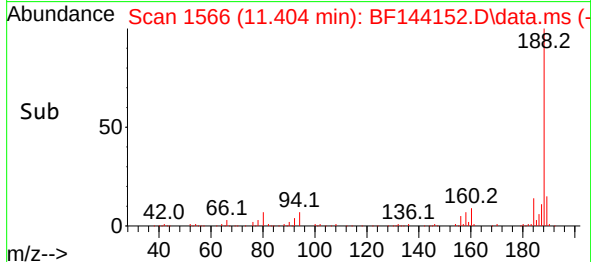
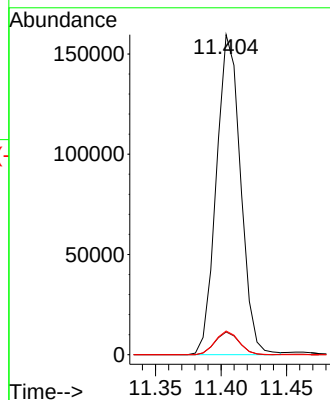
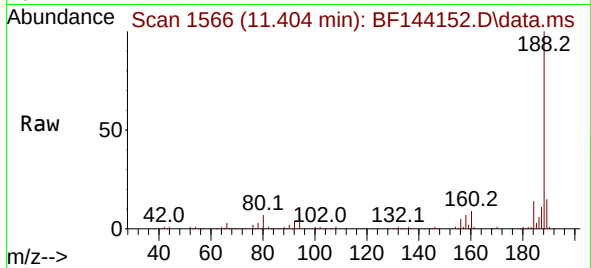




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

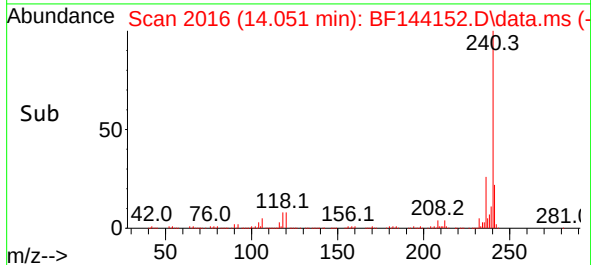
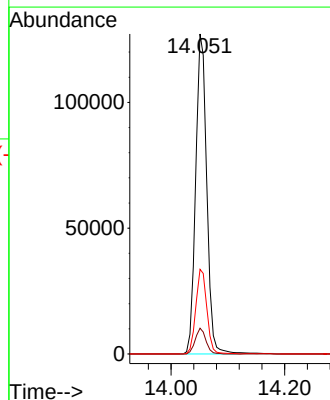
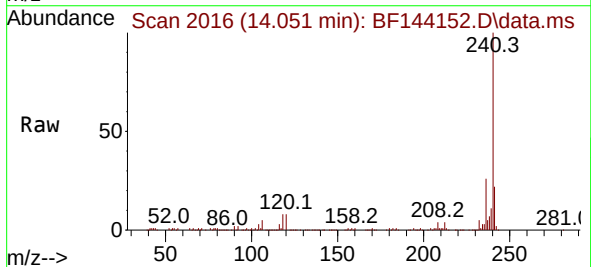
Instrument :
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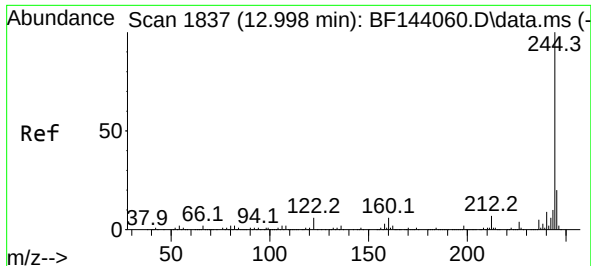
Tgt Ion:188 Resp: 204810
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.4 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144152.D
Acq: 30 Oct 2025 21:06

Tgt Ion:240 Resp: 173417
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 26.4 20.1 30.1

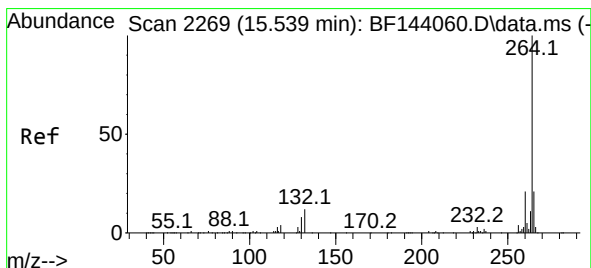
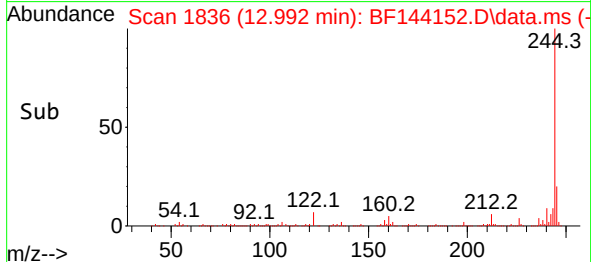
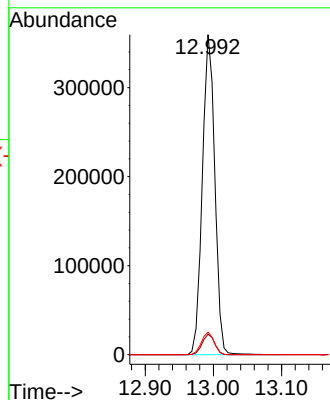
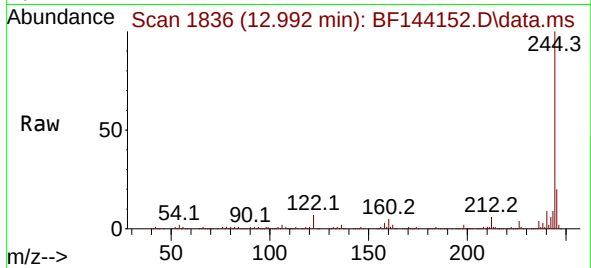




#79
 Terphenyl-d14
 Concen: 46.115 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144152.D
 Acq: 30 Oct 2025 21:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-7

Tgt Ion:244 Resp: 457448
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 7.0 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF144152.D
 Acq: 30 Oct 2025 21:06

Tgt Ion:264 Resp: 210333
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.0 25.4
 265 21.8 16.6 24.8

