

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135580.D
 Acq On : 04 Oct 2023 20:41
 Operator : CG\JU
 Sample : 04668-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MS

Quant Time: Oct 04 23:28:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

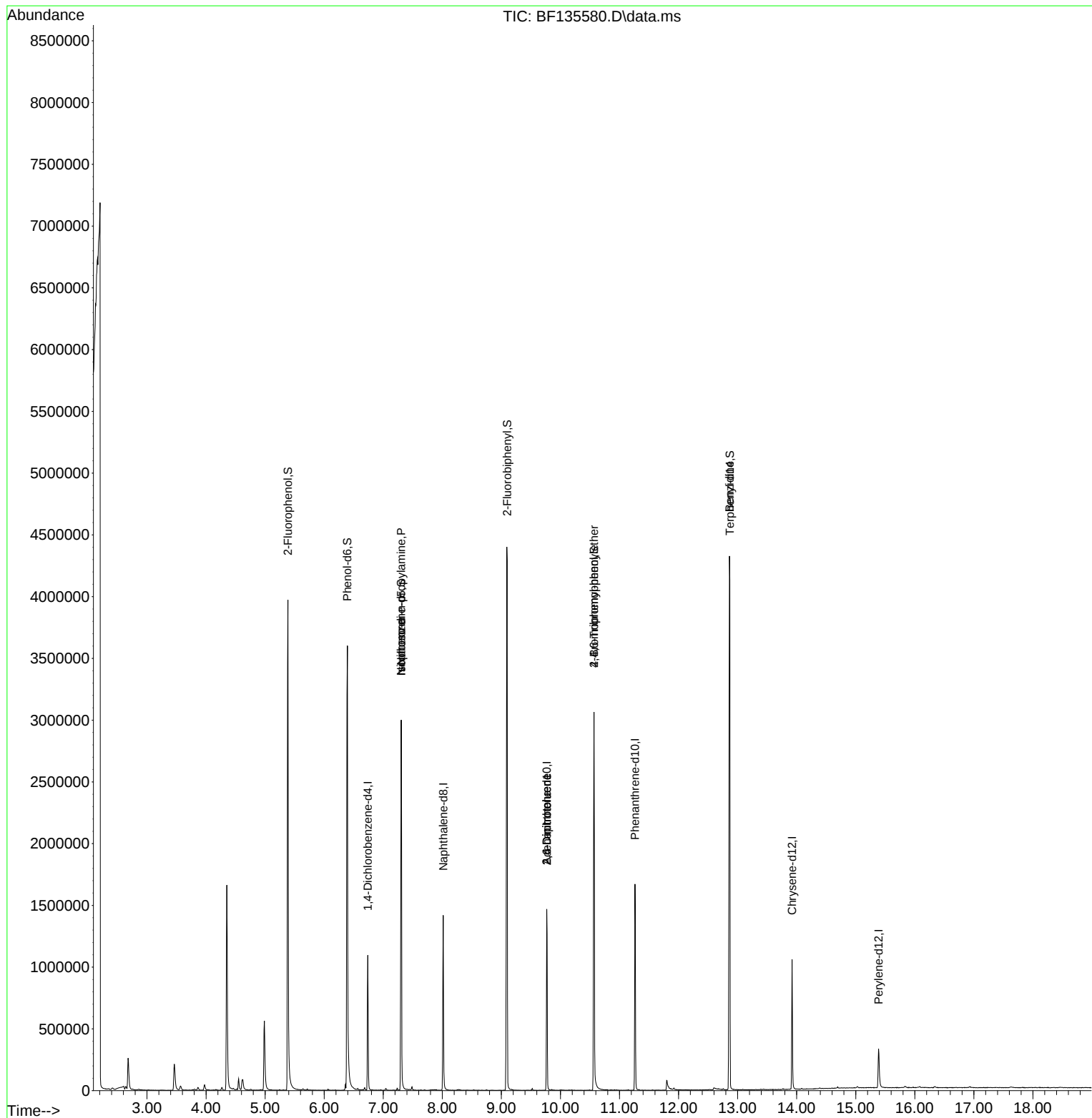
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	154336	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	613397	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	299127	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	614078	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	319890	20.000	ng	0.00
86) Perylene-d12	15.386	264	129115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1177235	124.061	ng	0.02
7) Phenol-d6	6.392	99	1372526	113.751	ng	0.00
23) Nitrobenzene-d5	7.304	82	986216	87.350	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	401969	135.225	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1659702	83.711	ng	0.00
79) Terphenyl-d14	12.868	244	1846620	89.487	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	132573	17.739	ng	# 81
25) Isophorone	7.304	82	986210	47.569	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	39032	8.810	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	39032	7.037	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	24451	4.003	ng	# 1
77) Benzidine	12.863	184	24921	3.803	ng	# 91

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

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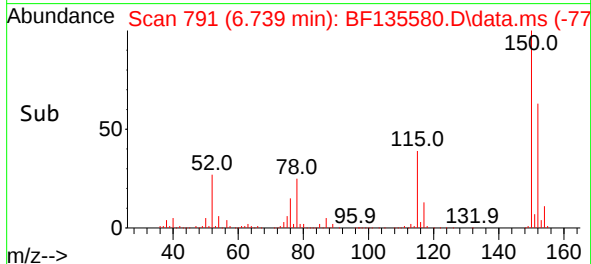
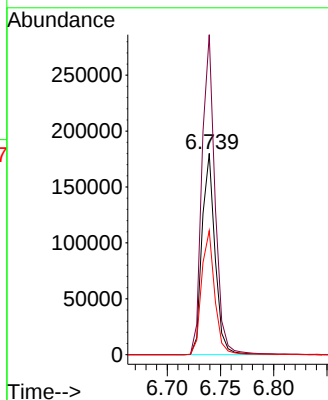
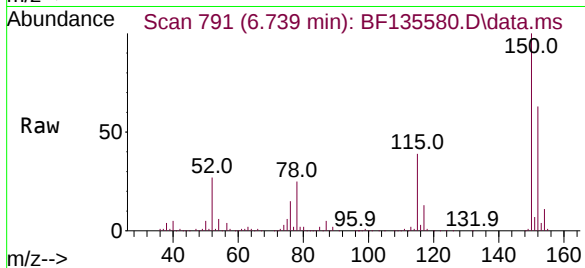




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

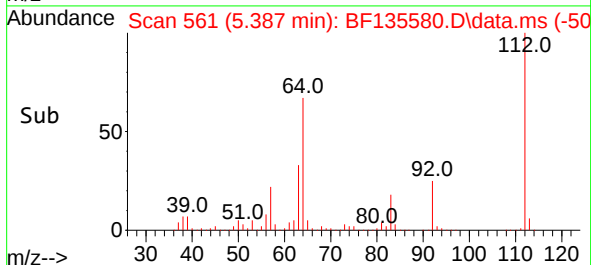
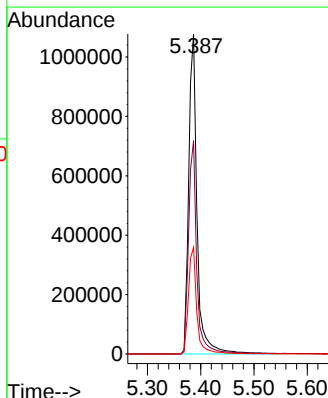
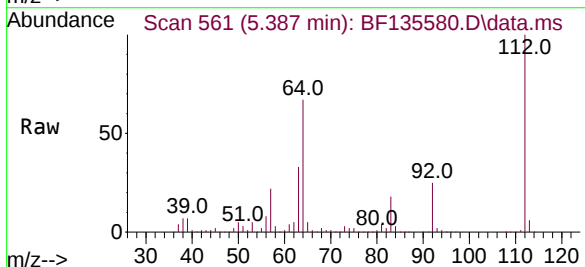
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

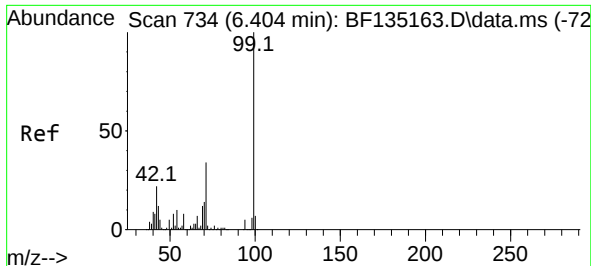
Tgt Ion:152 Resp: 154336
Ion Ratio Lower Upper
152 100
150 159.0 127.8 191.6
115 61.6 49.8 74.8



#5
2-Fluorophenol
Concen: 124.061 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

Tgt Ion:112 Resp: 1177235
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 33.3 29.0 43.6

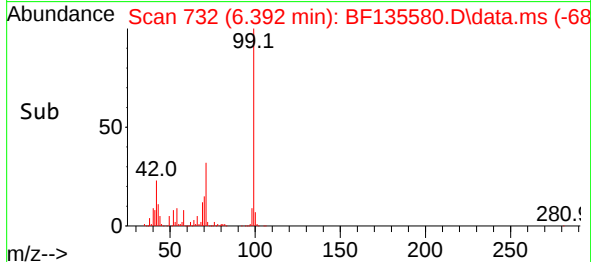
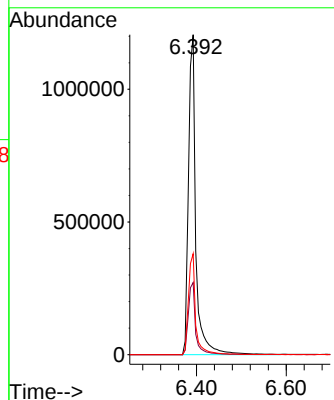
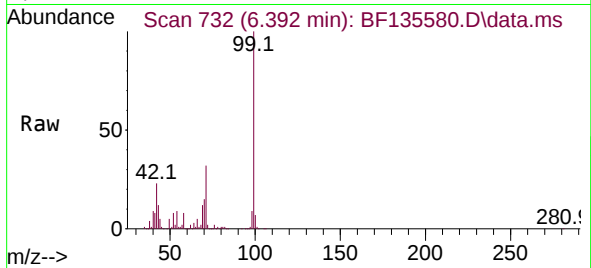




#7
Phenol-d6
Concen: 113.751 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

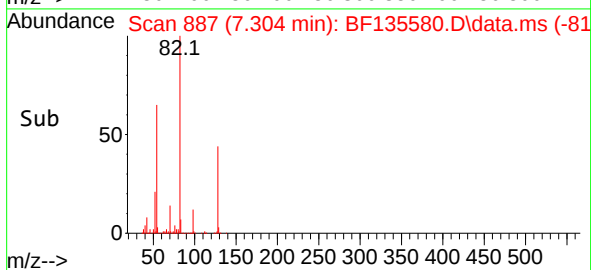
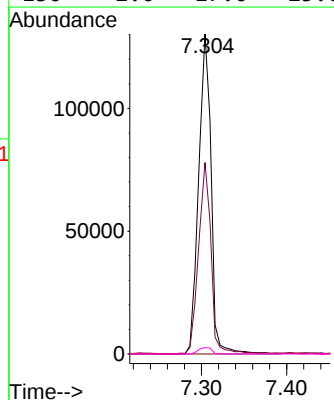
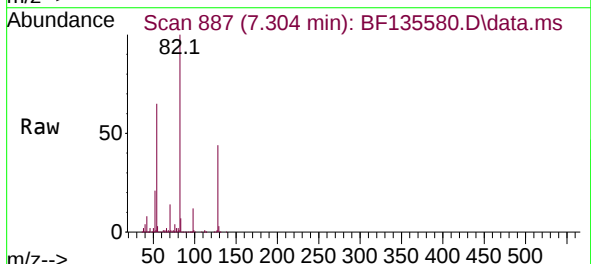
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

Tgt Ion: 99 Resp: 1372526
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 31.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.739 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

Tgt Ion: 70 Resp: 132573
Ion Ratio Lower Upper
70 100
42 59.9 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#

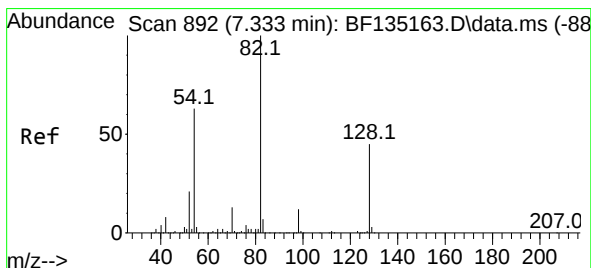
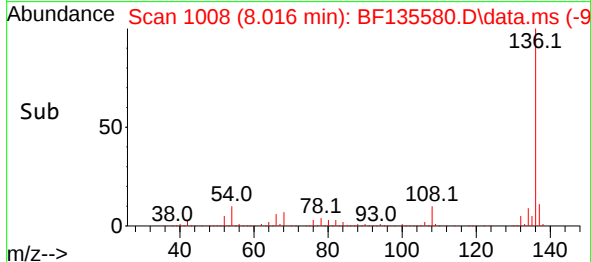
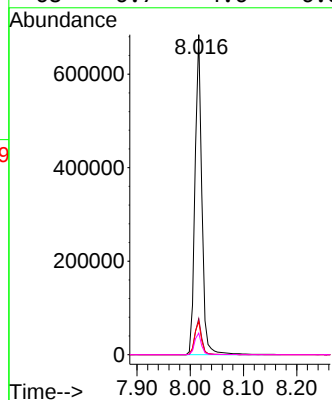
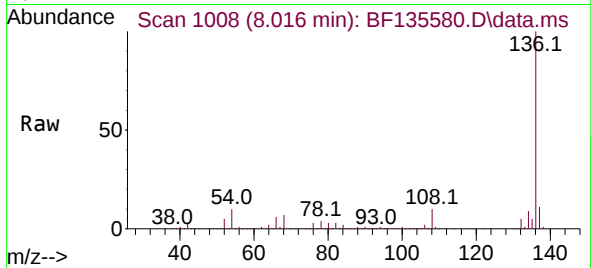




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

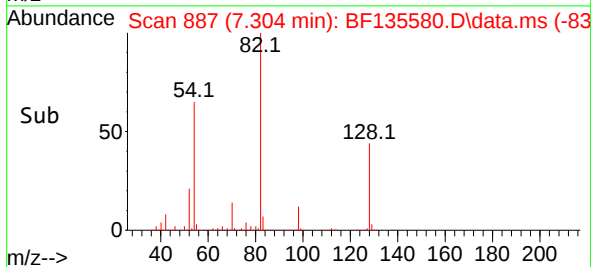
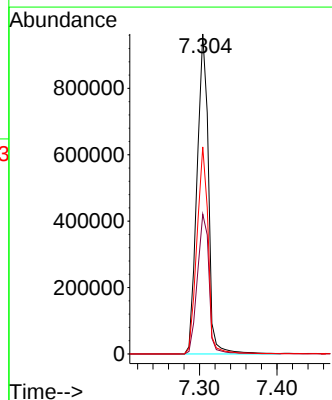
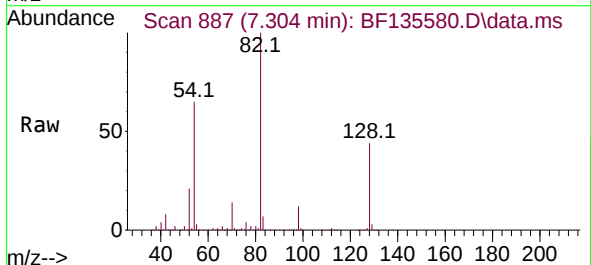
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

Tgt Ion:136	Resp: 613397
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 10.4	7.7 11.5
68 6.7	4.6 6.8



#23
Nitrobenzene-d5
Concen: 87.350 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

Tgt Ion: 82	Resp: 986216
Ion Ratio	Lower Upper
82 100	
128 43.7	35.8 53.6
54 64.7	50.6 76.0

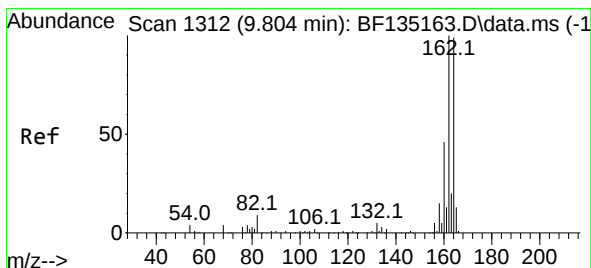
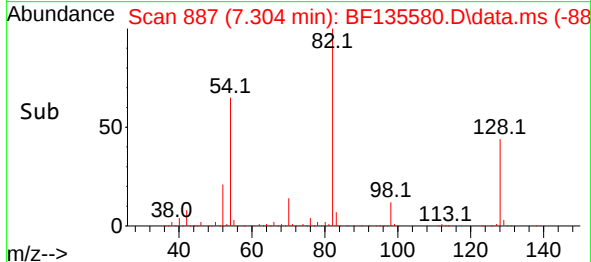
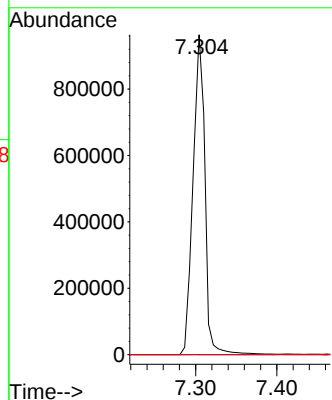
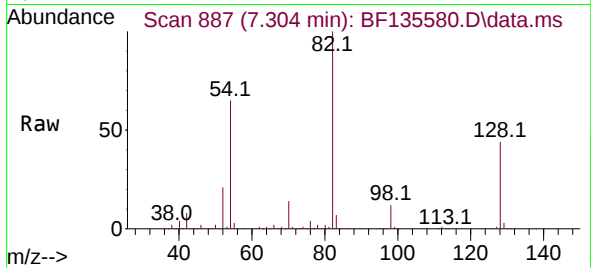




#25
Isophorone
Concen: 47.569 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

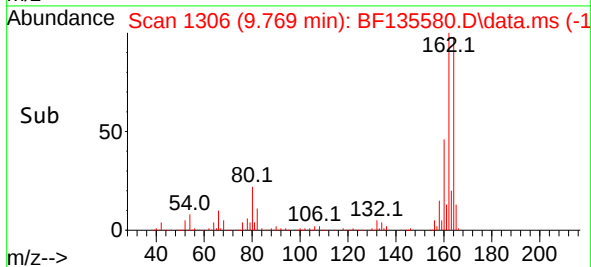
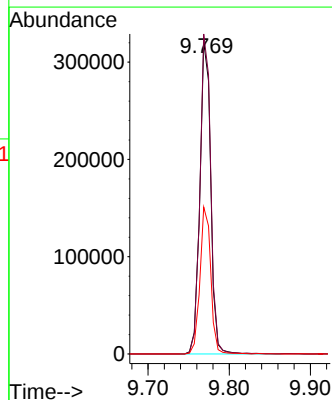
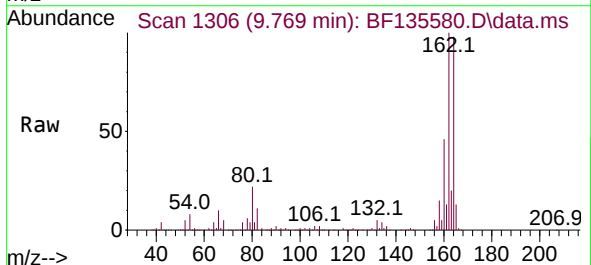
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

Tgt Ion: 82 Resp: 986210
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

Tgt Ion:164 Resp: 299127
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 47.1 37.0 55.4

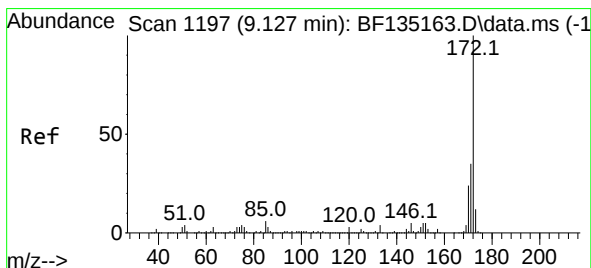
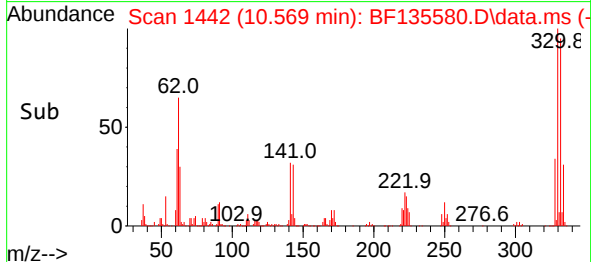
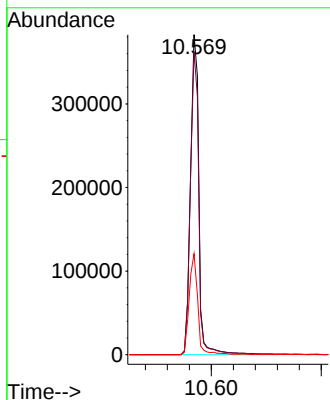
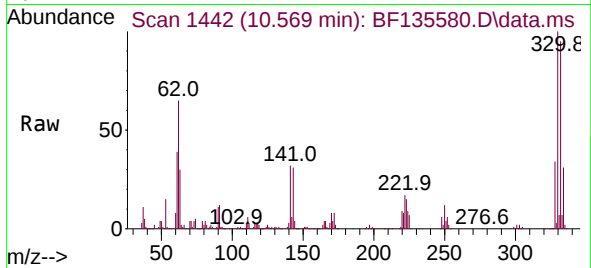




#42
 2,4,6-Tribromophenol
 Concen: 135.225 ng
 RT: 10.569 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: BF135580.D
 Acq: 04 Oct 2023 20:41

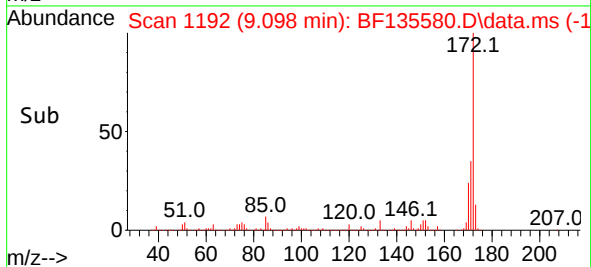
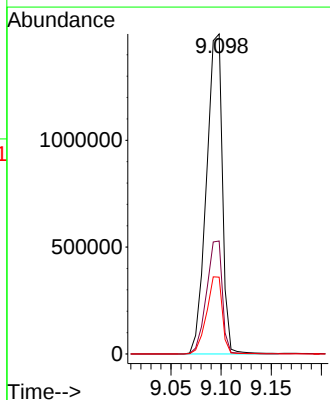
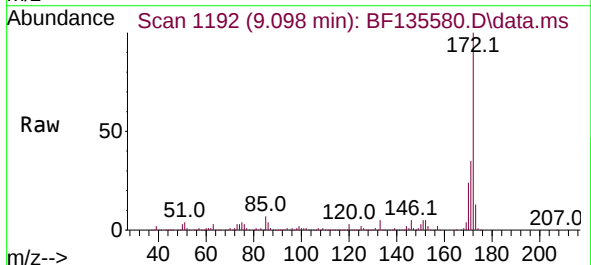
Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MS

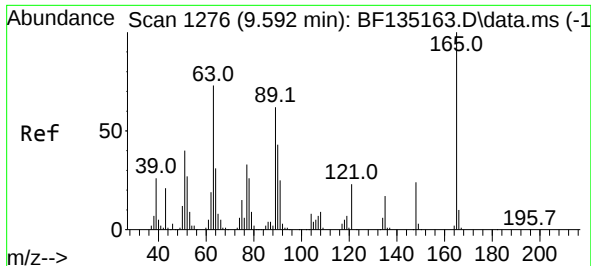
Tgt Ion:330 Resp: 401969
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.3 115.9
 141 32.4 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 83.711 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BF135580.D
 Acq: 04 Oct 2023 20:41

Tgt Ion:172 Resp: 1659702
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.4 42.6
 170 24.0 19.0 28.4

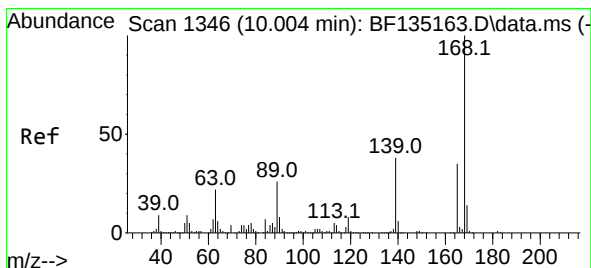
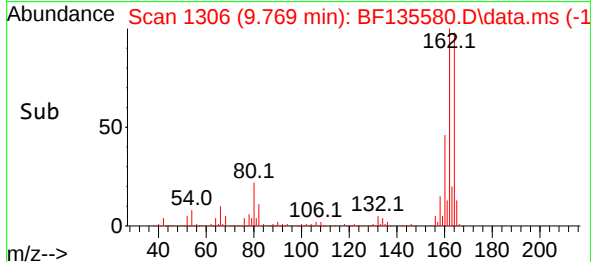
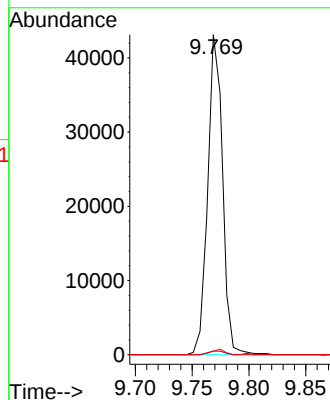
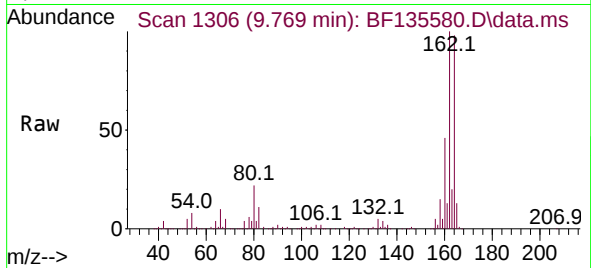




#51
2,6-Dinitrotoluene
Concen: 8.810 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

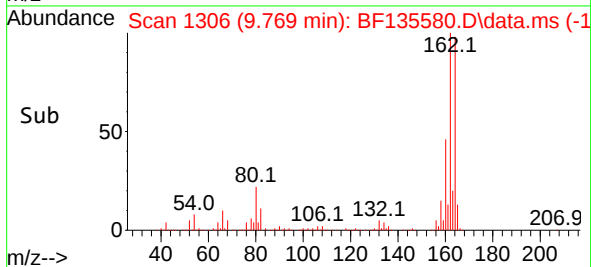
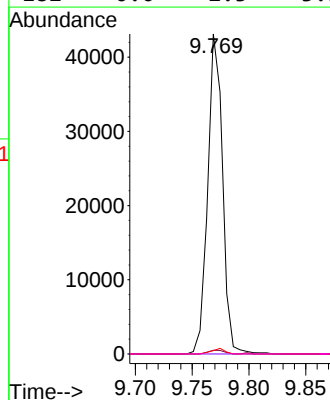
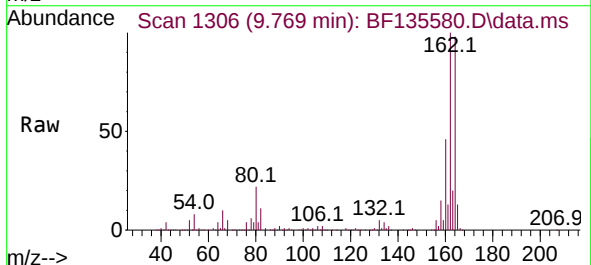
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

Tgt Ion:165 Resp: 39032
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.0 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 7.037 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.218 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

Tgt Ion:165 Resp: 39032
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135580.D

Acq: 04 Oct 2023 20:41

Instrument :

BNA_F

ClientSampleId :

RBR200027MS

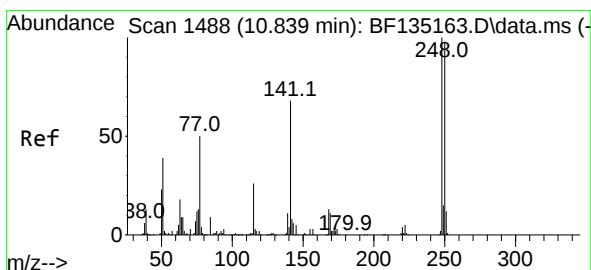
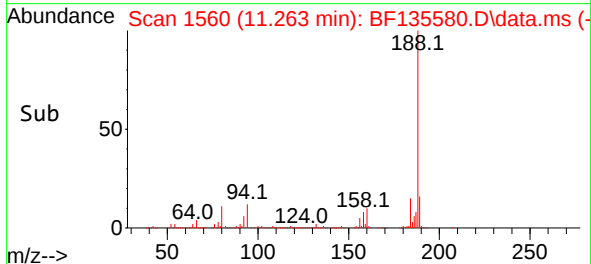
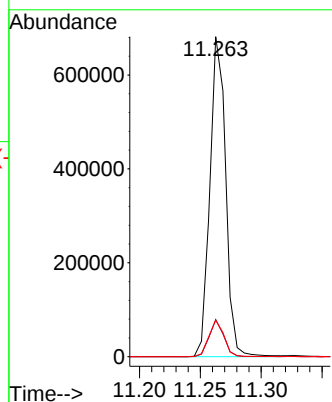
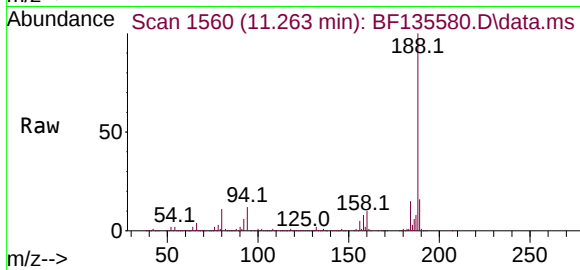
Tgt Ion:188 Resp: 614078

Ion Ratio Lower Upper

188 100

94 11.6 7.0 10.6#

80 11.4 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 4.003 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135580.D

Acq: 04 Oct 2023 20:41

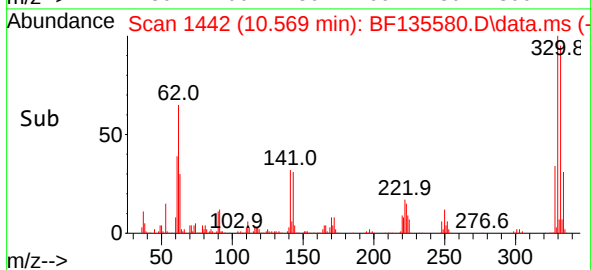
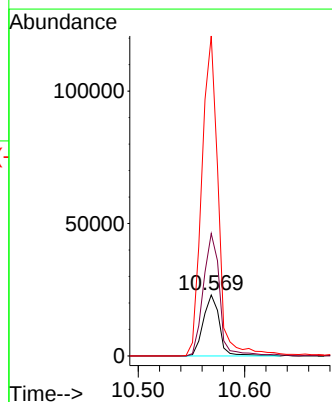
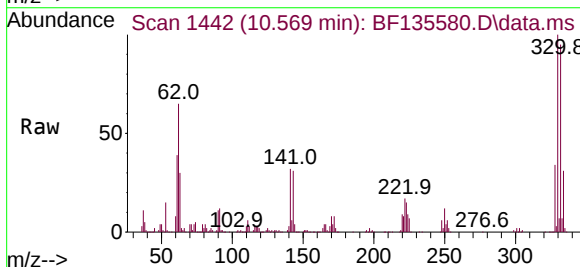
Tgt Ion:248 Resp: 24451

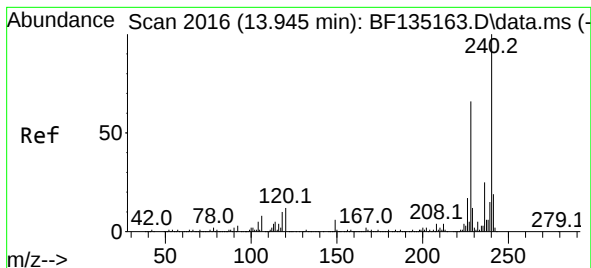
Ion Ratio Lower Upper

248 100

250 200.6 78.6 117.8#

141 524.6 54.2 81.2#

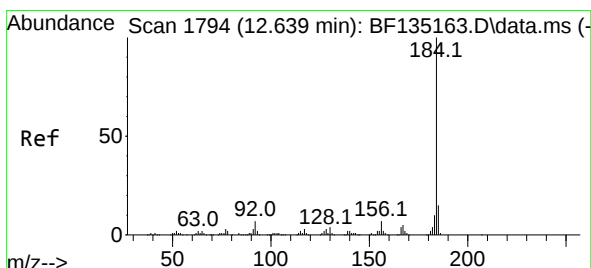
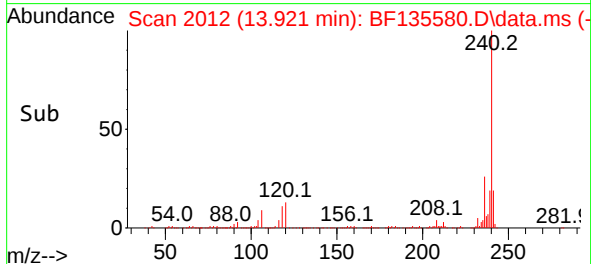
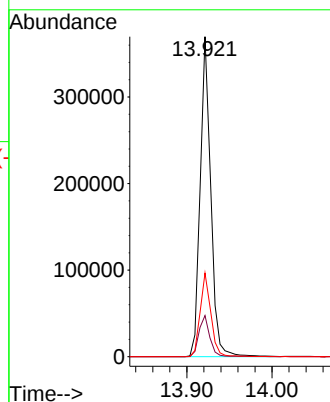
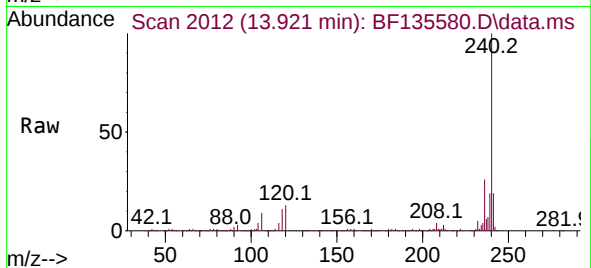




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

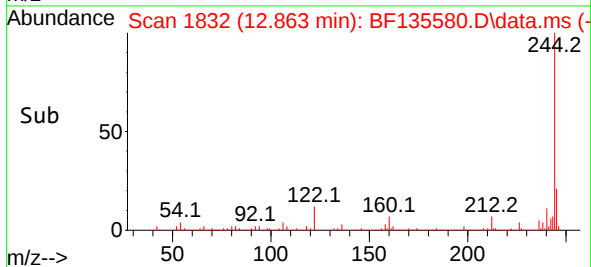
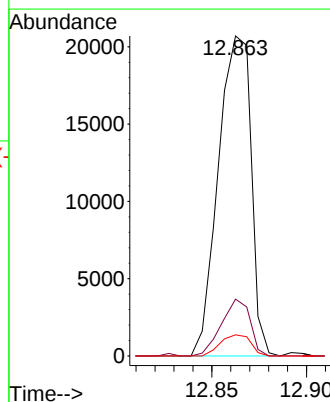
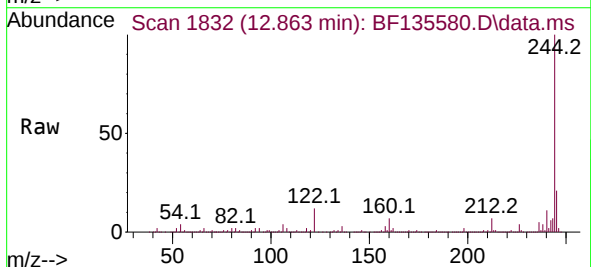
Instrument :
BNA_F
ClientSampleId :
RBR200027MS

Tgt Ion:240 Resp: 319890
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.2
236 26.1 19.8 29.8



#77
Benzidine
Concen: 3.803 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135580.D
Acq: 04 Oct 2023 20:41

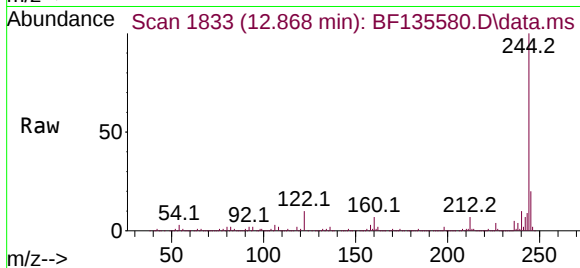
Tgt Ion:184 Resp: 24921
Ion Ratio Lower Upper
184 100
185 17.8 11.7 17.5#
183 6.6 8.2 12.4#



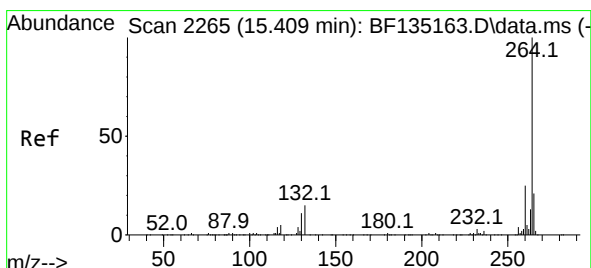
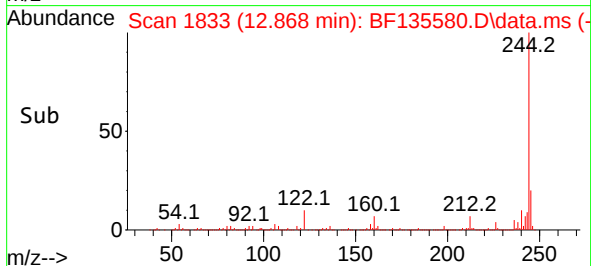
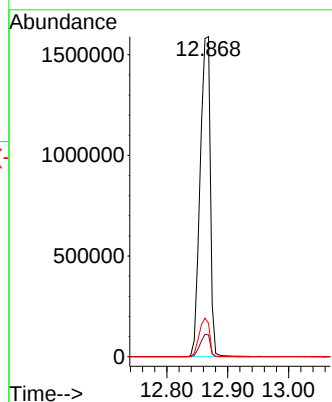


#79
 Terphenyl-d14
 Concen: 89.487 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135580.D
 Acq: 04 Oct 2023 20:41

Instrument :
 BNA_F
 ClientSampleId :
 RBR200027MS



Tgt Ion:244 Resp: 1846620
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135580.D
 Acq: 04 Oct 2023 20:41

Tgt Ion:264 Resp: 129115
 Ion Ratio Lower Upper
 264 100
 260 26.3 19.8 29.6
 265 21.4 17.0 25.4

