

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135650.D
 Acq On : 09 Oct 2023 14:02
 Operator : CG\JU
 Sample : 04772-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 349

Quant Time: Oct 09 14:20:45 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)

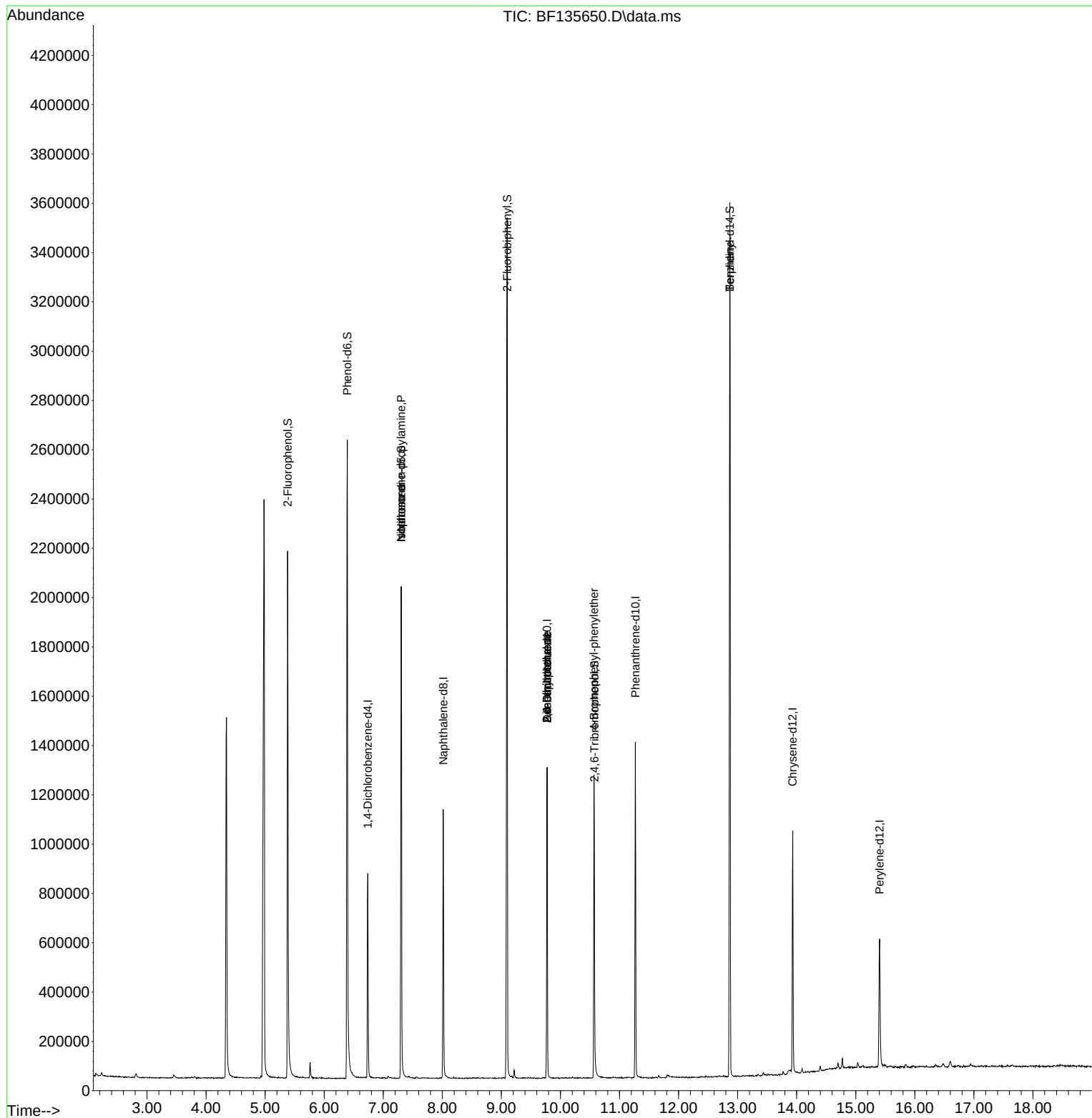
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	129820	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	491151	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	248727	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	499204	20.000	ng	0.00
76) Chrysene-d12	13.933	240	337421	20.000	ng	0.00
86) Perylene-d12	15.404	264	270972	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	599571	75.117	ng	0.01
7) Phenol-d6	6.392	99	942763	92.889	ng	0.00
23) Nitrobenzene-d5	7.304	82	672960	74.440	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	154269	62.413	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1217563	73.855	ng	0.00
79) Terphenyl-d14	12.868	244	1412624	64.899	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	89206	14.190	ng	# 82
25) Isophorone	7.304	82	672953	40.539	ng	# 65
50) Dimethylphthalate	9.775	163	48576	2.889	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	31683	8.600	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	31683	6.870	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	9561	1.926	ng	# 1
77) Benzidine	12.868	184	17303	2.503	ng	# 91

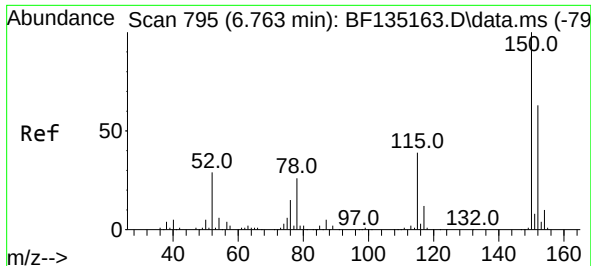
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 09 14:20:45 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

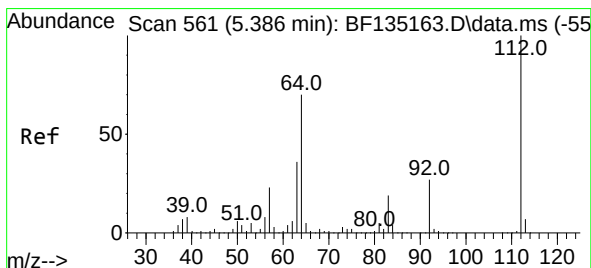
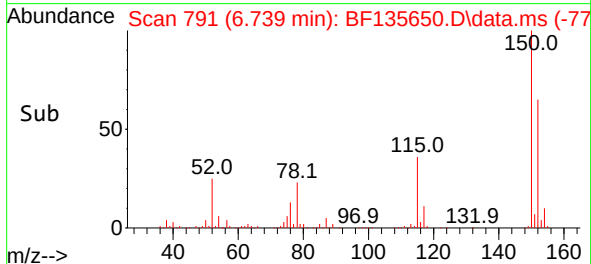
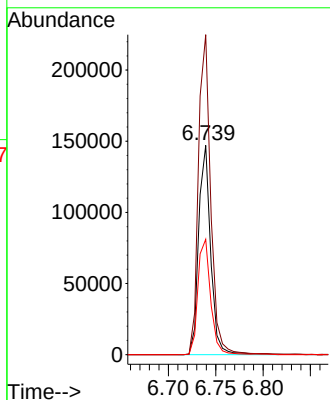
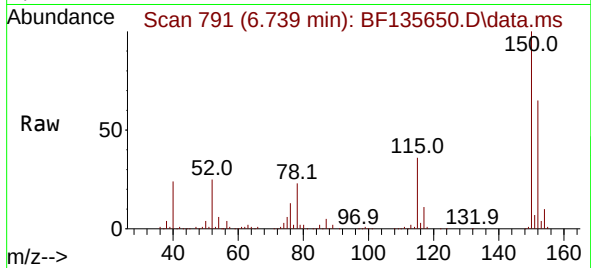




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

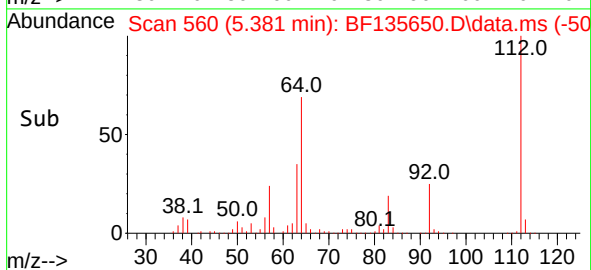
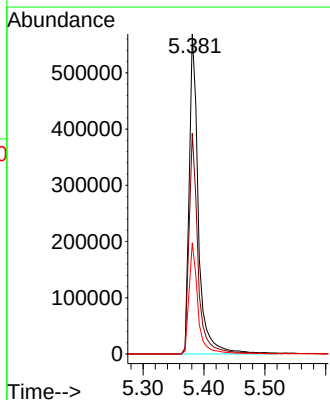
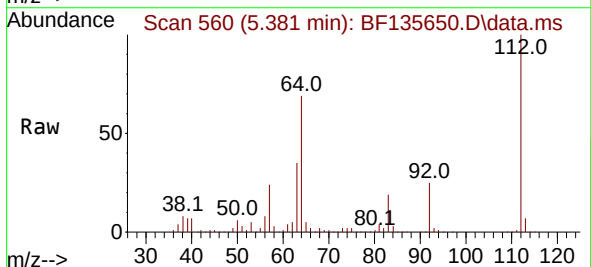
Instrument :
BNA_F
ClientSampleId :
349

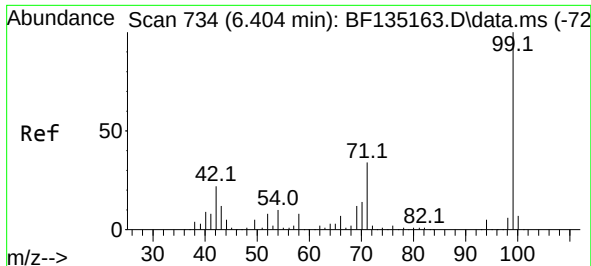
Tgt Ion:152 Resp: 129820
Ion Ratio Lower Upper
152 100
150 152.8 127.8 191.6
115 55.1 49.8 74.8



#5
2-Fluorophenol
Concen: 75.117 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion:112 Resp: 599571
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 34.7 29.0 43.6

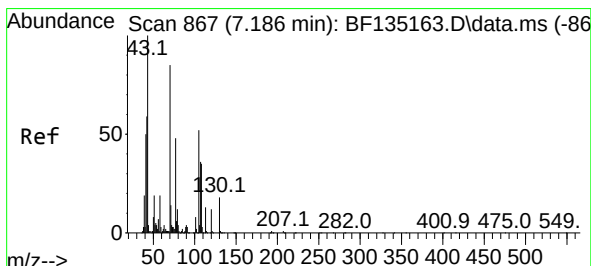
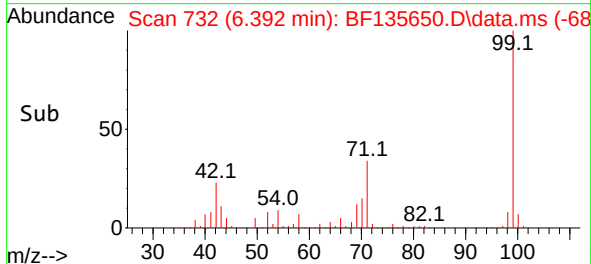
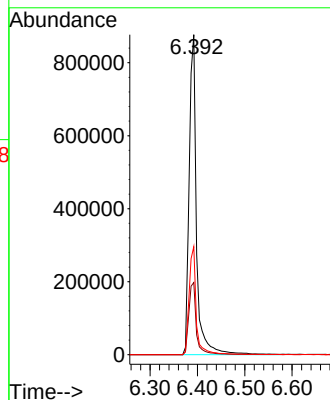
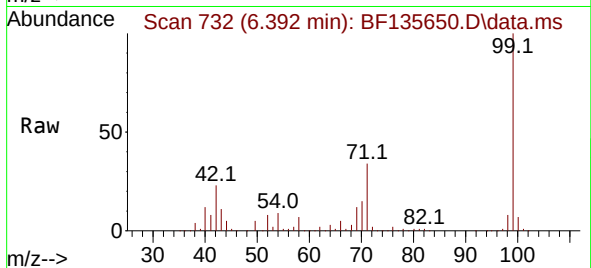




#7
Phenol-d6
Concen: 92.889 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

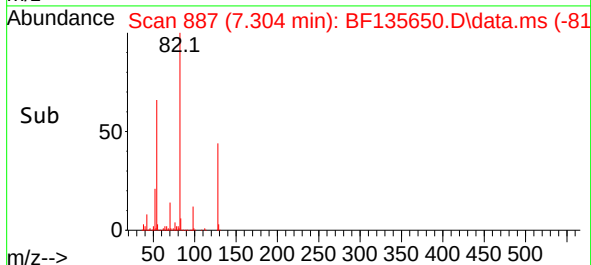
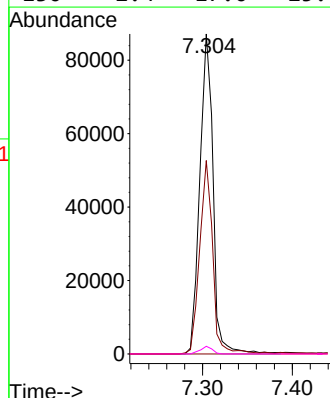
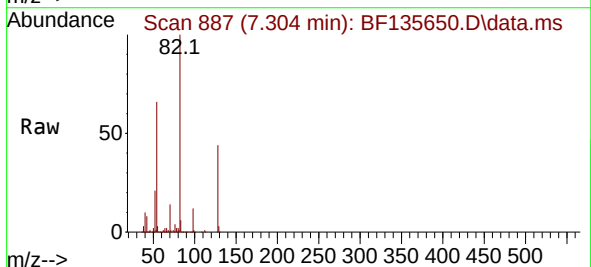
Instrument :
BNA_F
ClientSampleId :
349

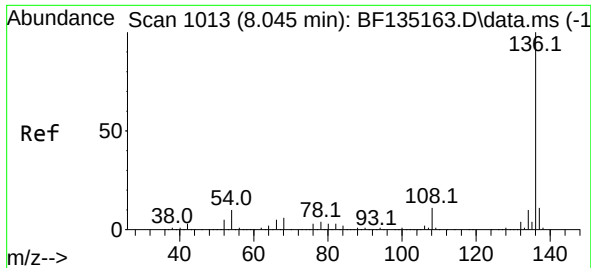
Tgt Ion: 99 Resp: 942763
Ion Ratio Lower Upper
99 100
42 22.6 17.9 26.9
71 33.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.190 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion: 70 Resp: 89206
Ion Ratio Lower Upper
70 100
42 60.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#

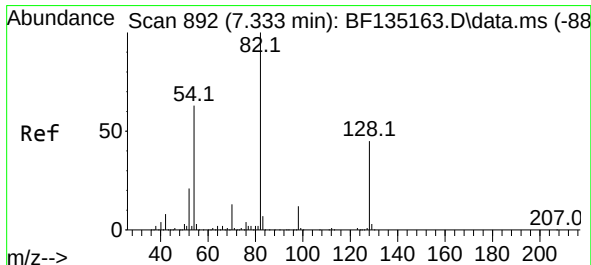
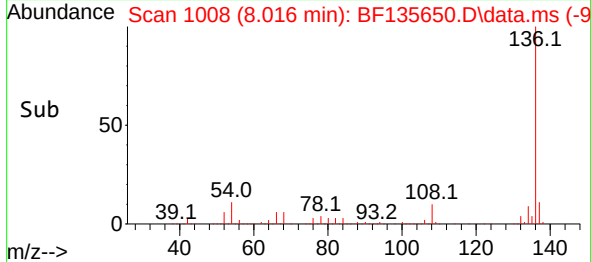
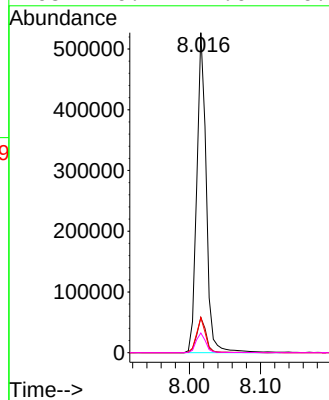
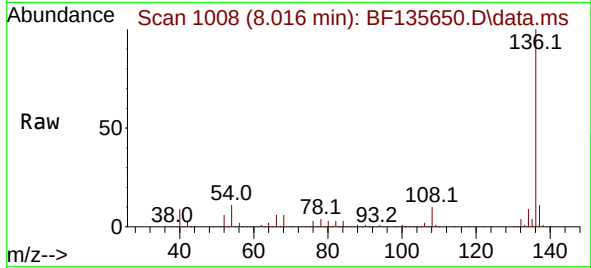




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

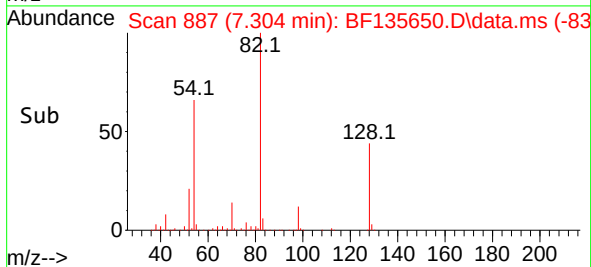
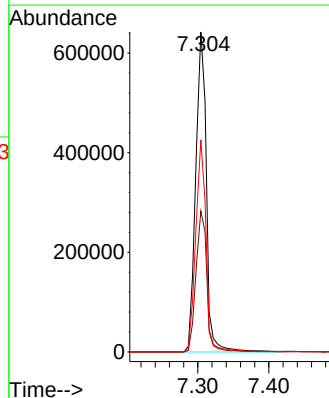
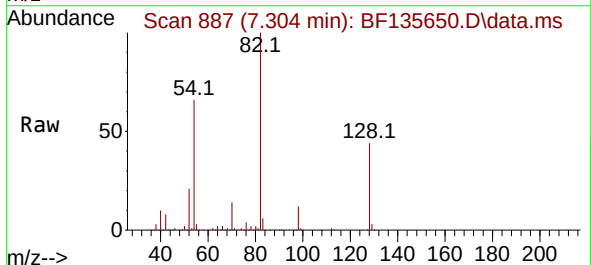
Instrument :
BNA_F
ClientSampleId :
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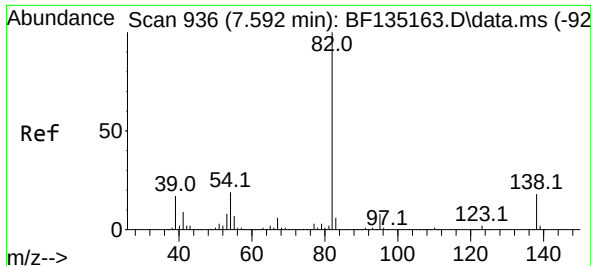
Tgt Ion:136 Resp: 491151
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.9 7.7 11.5
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 74.440 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion: 82 Resp: 672960
Ion Ratio Lower Upper
82 100
128 44.1 35.8 53.6
54 66.2 50.6 76.0

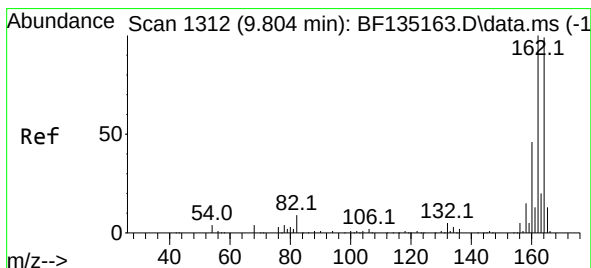
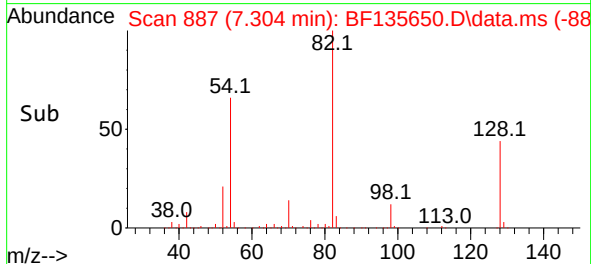
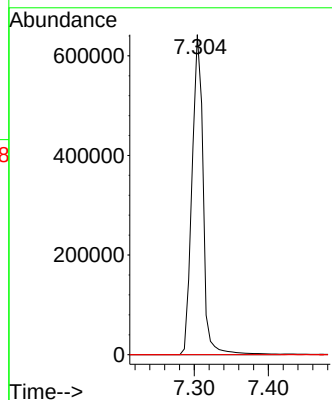
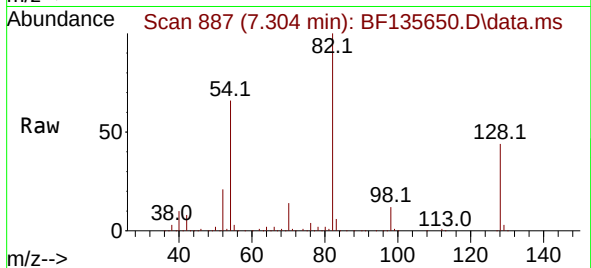




#25
Isophorone
Concen: 40.539 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

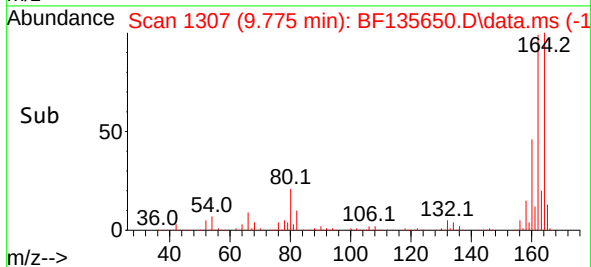
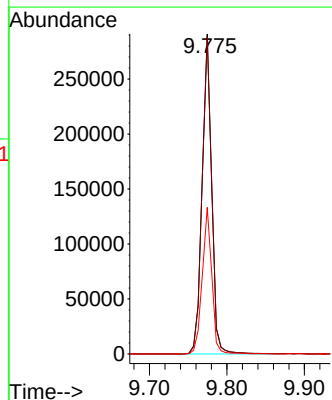
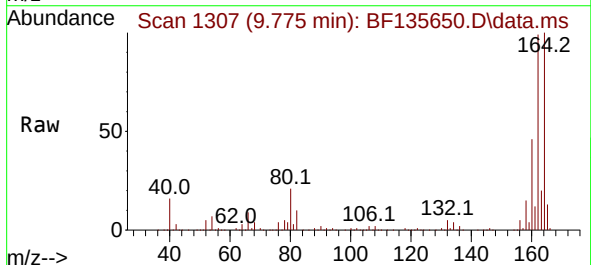
Instrument :
BNA_F
ClientSampleId :
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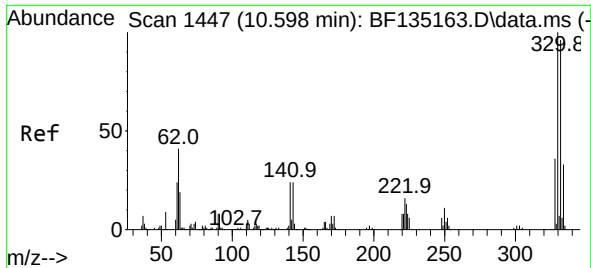
Tgt Ion: 82 Resp: 672953
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion:164 Resp: 248727
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 45.8 37.0 55.4

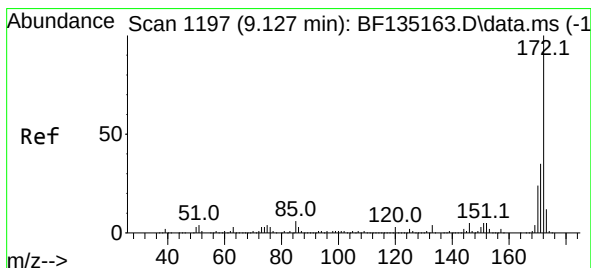
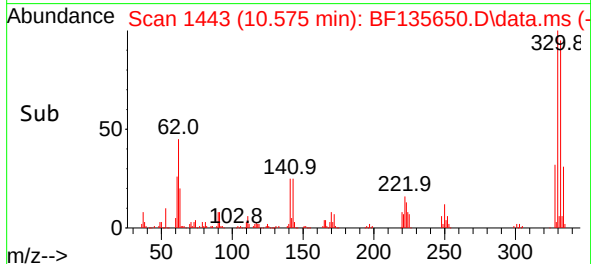
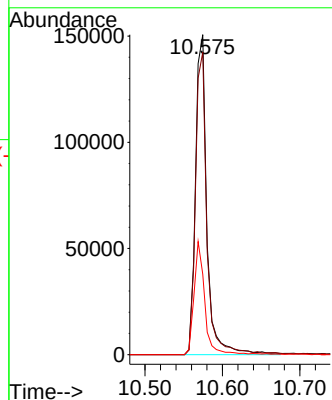
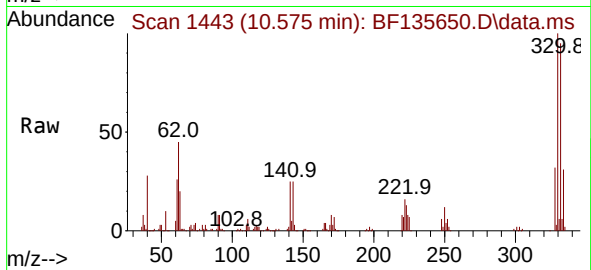




#42
2,4,6-Tribromophenol
Concen: 62.413 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

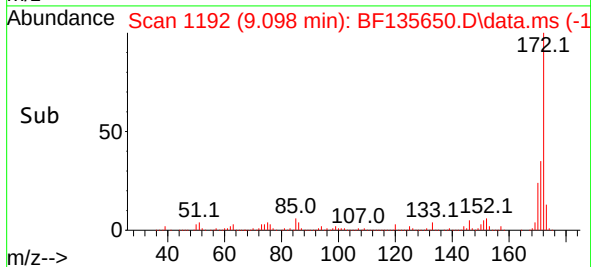
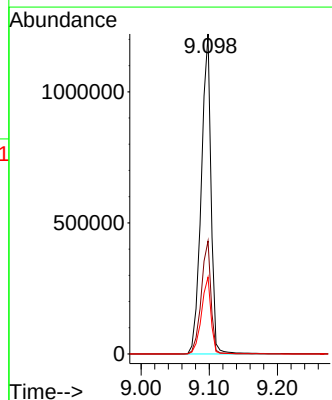
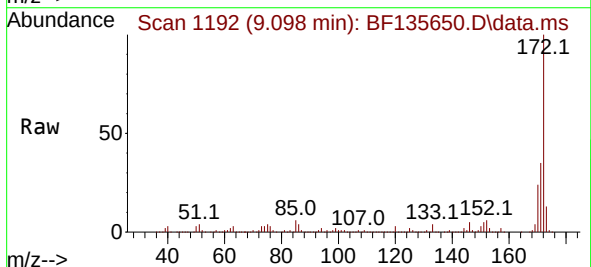
Instrument :
BNA_F
ClientSampleId :
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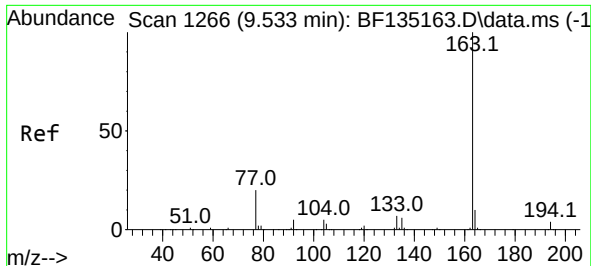
Tgt Ion:330 Resp: 154269
Ion Ratio Lower Upper
330 100
332 94.4 77.3 115.9
141 33.5 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 73.855 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion:172 Resp: 1217563
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.0 19.0 28.4

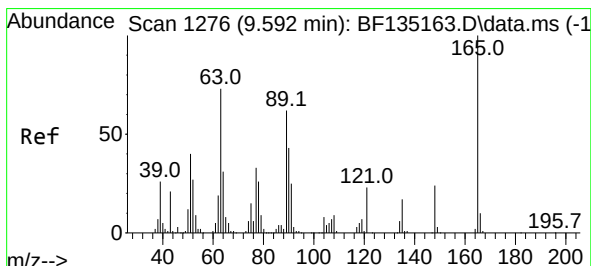
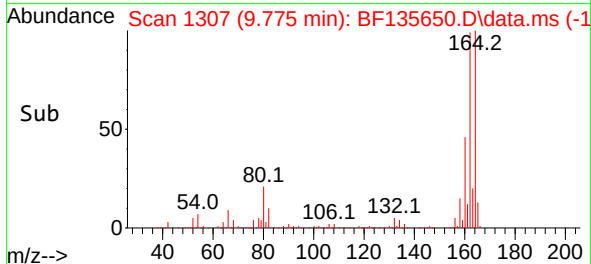
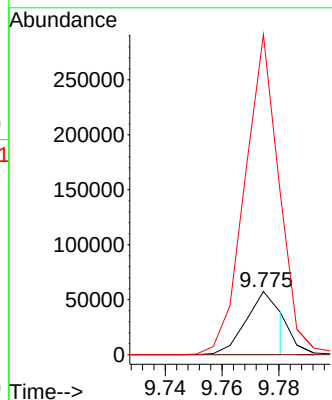
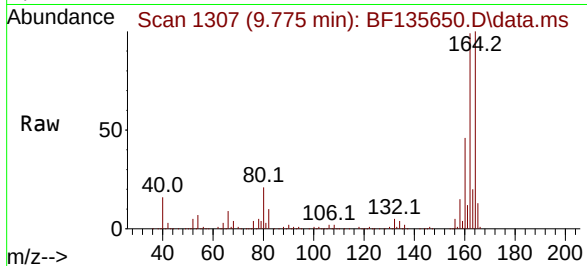




#50
Dimethylphthalate
Concen: 2.889 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

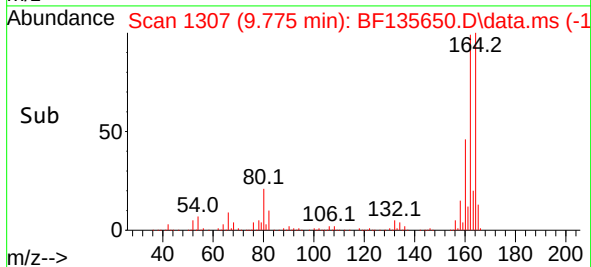
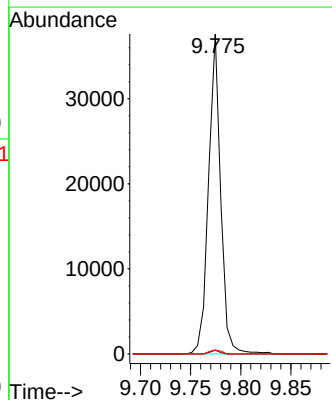
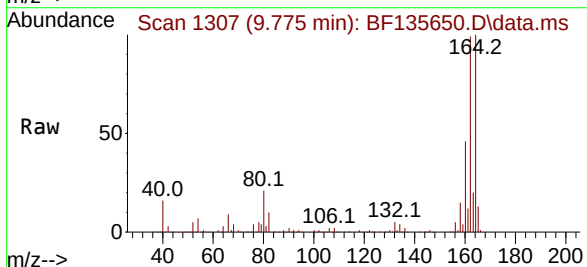
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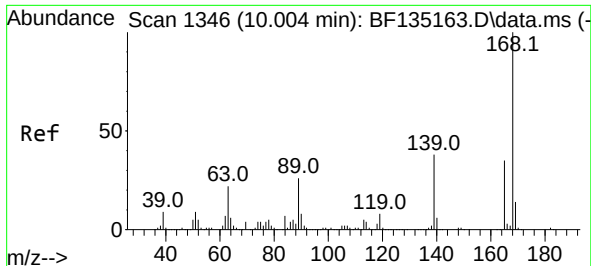
Tgt Ion:163 Resp: 48576
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 506.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.600 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion:165 Resp: 31683
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.3 49.8 74.8#

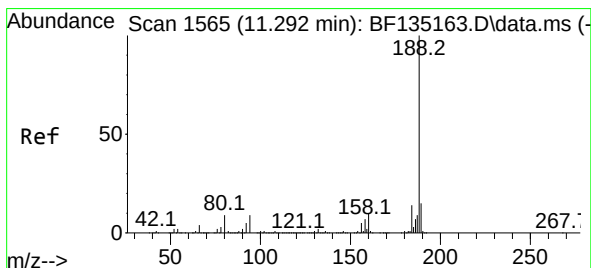
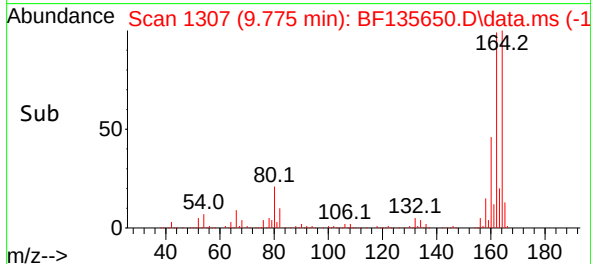
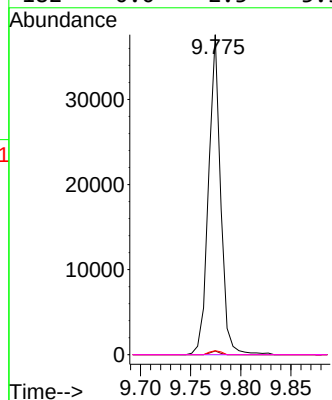
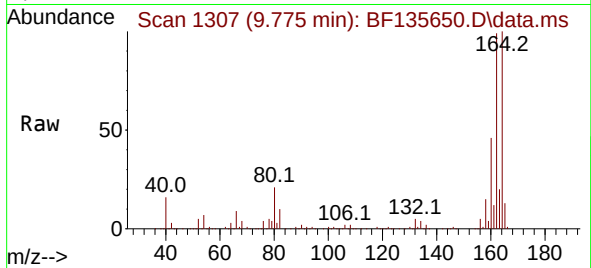




#57
2,4-Dinitrotoluene
Concen: 6.870 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

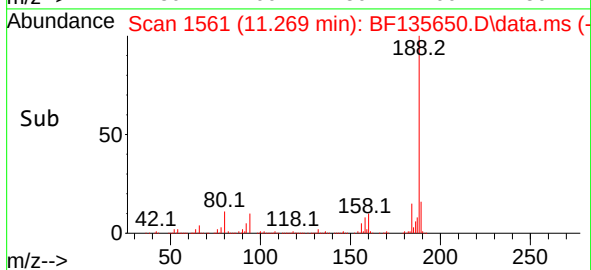
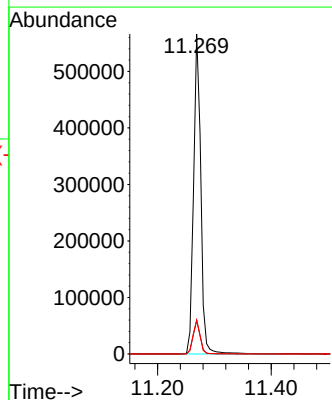
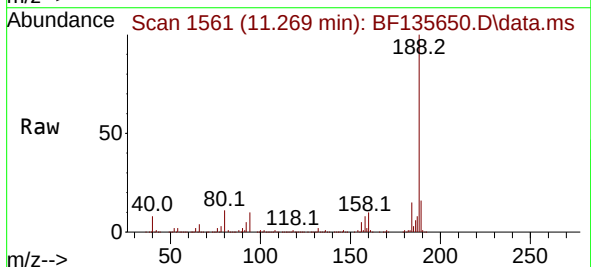
Instrument :
BNA_F
ClientSampleId :
349

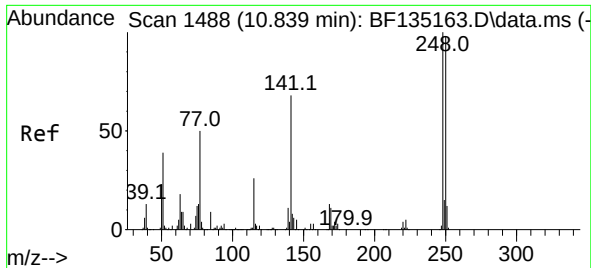
Tgt Ion:165 Resp: 31683
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion:188 Resp: 499204
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.7 7.5 11.3

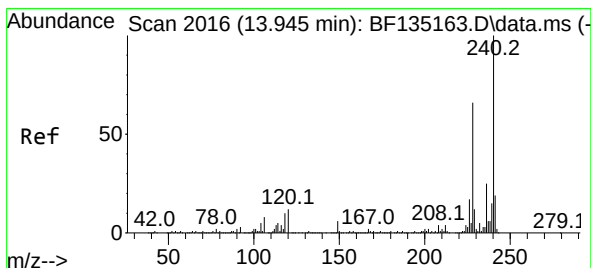
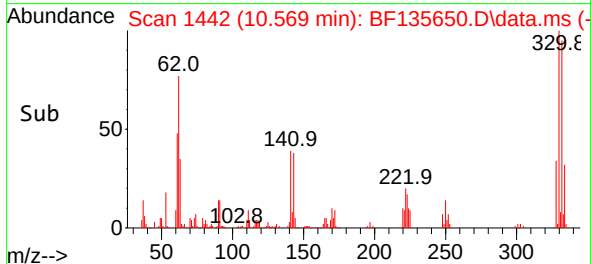
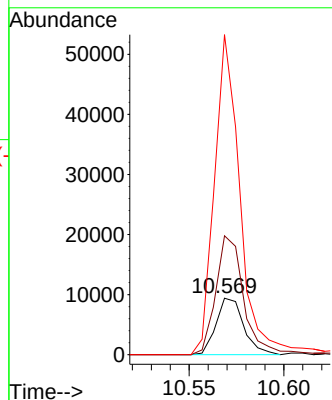
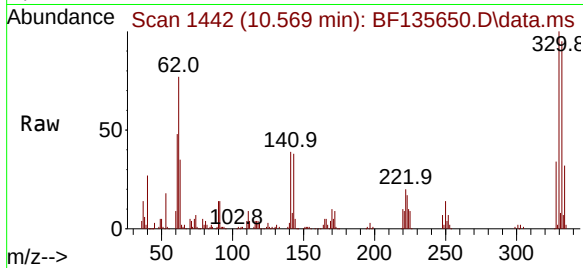




#67
4-Bromophenyl-phenylether
Concen: 1.926 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

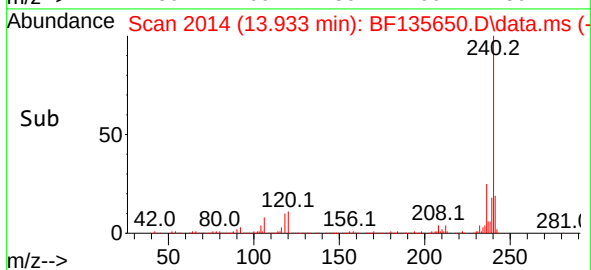
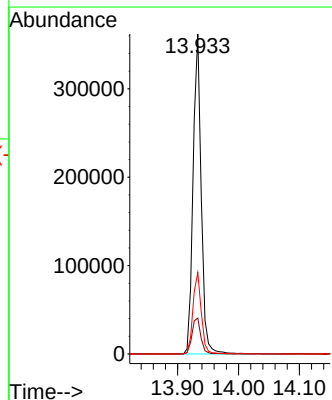
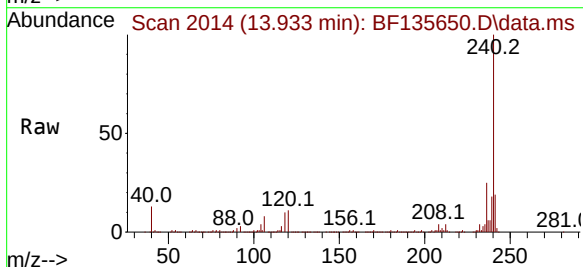
Instrument :
BNA_F
ClientSampleId :
349

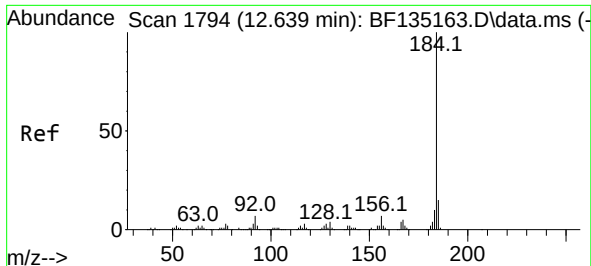
Tgt Ion:248 Resp: 9561
Ion Ratio Lower Upper
248 100
250 210.6 78.6 117.8#
141 566.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion:240 Resp: 337421
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.5 19.8 29.8

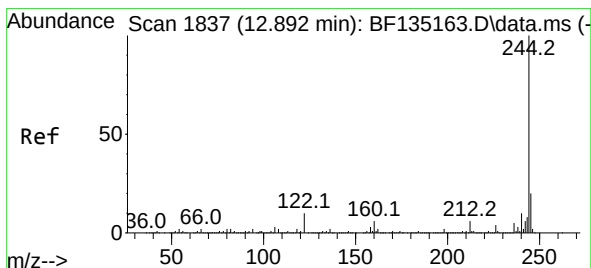
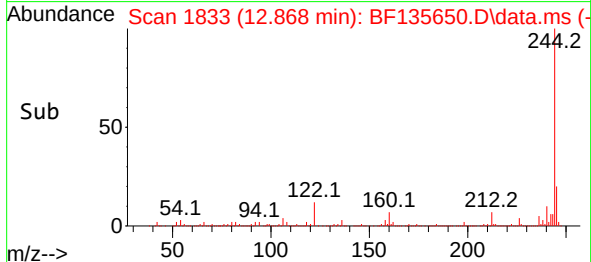
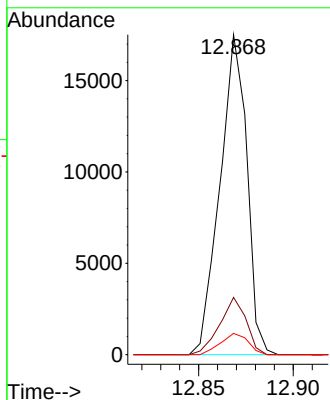
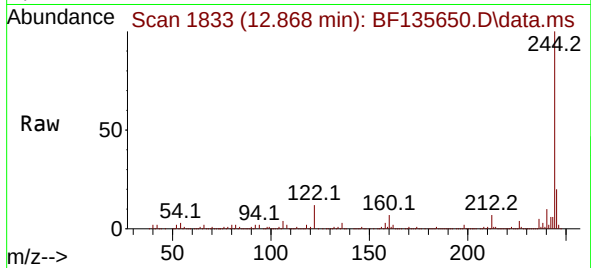




#77
Benzidine
Concen: 2.503 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.253 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

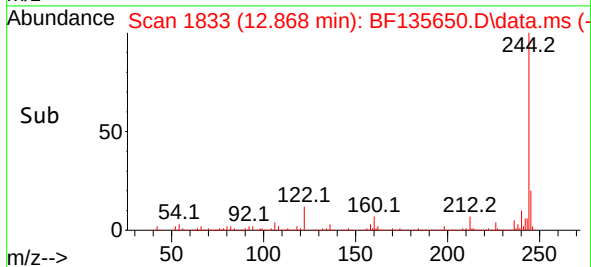
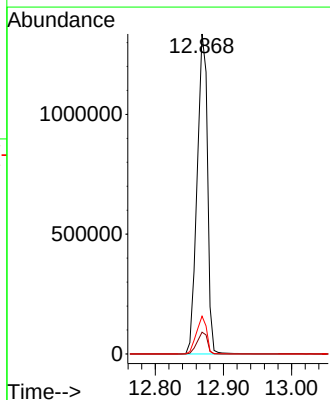
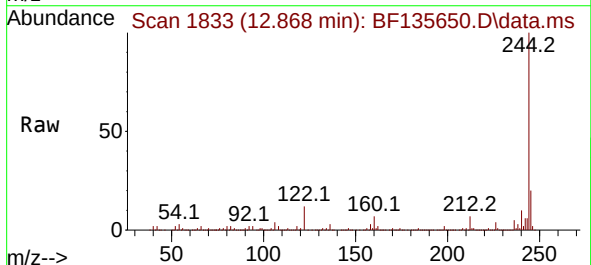
Instrument :
BNA_F
ClientSampleId :
349

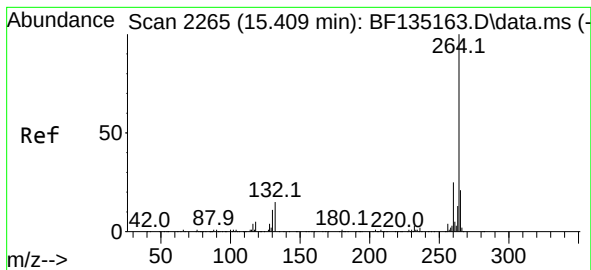
Tgt Ion:184 Resp: 17303
Ion Ratio Lower Upper
184 100
185 17.9 11.7 17.5#
183 6.6 8.2 12.4#



#79
Terphenyl-d14
Concen: 64.899 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.006 min
Lab File: BF135650.D
Acq: 09 Oct 2023 14:02

Tgt Ion:244 Resp: 1412624
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 11.8 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF135650.D
 Acq: 09 Oct 2023 14:02

Instrument :
 BNA_F
 ClientSampleId :
 349

Tgt Ion:264 Resp: 270972
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 21.8 17.0 25.4

