

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
 Data File : BF135350.D
 Acq On : 20 Sep 2023 11:21
 Operator : CG\JU
 Sample : PB155675BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155675BL

Quant Time: Sep 20 11:43:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

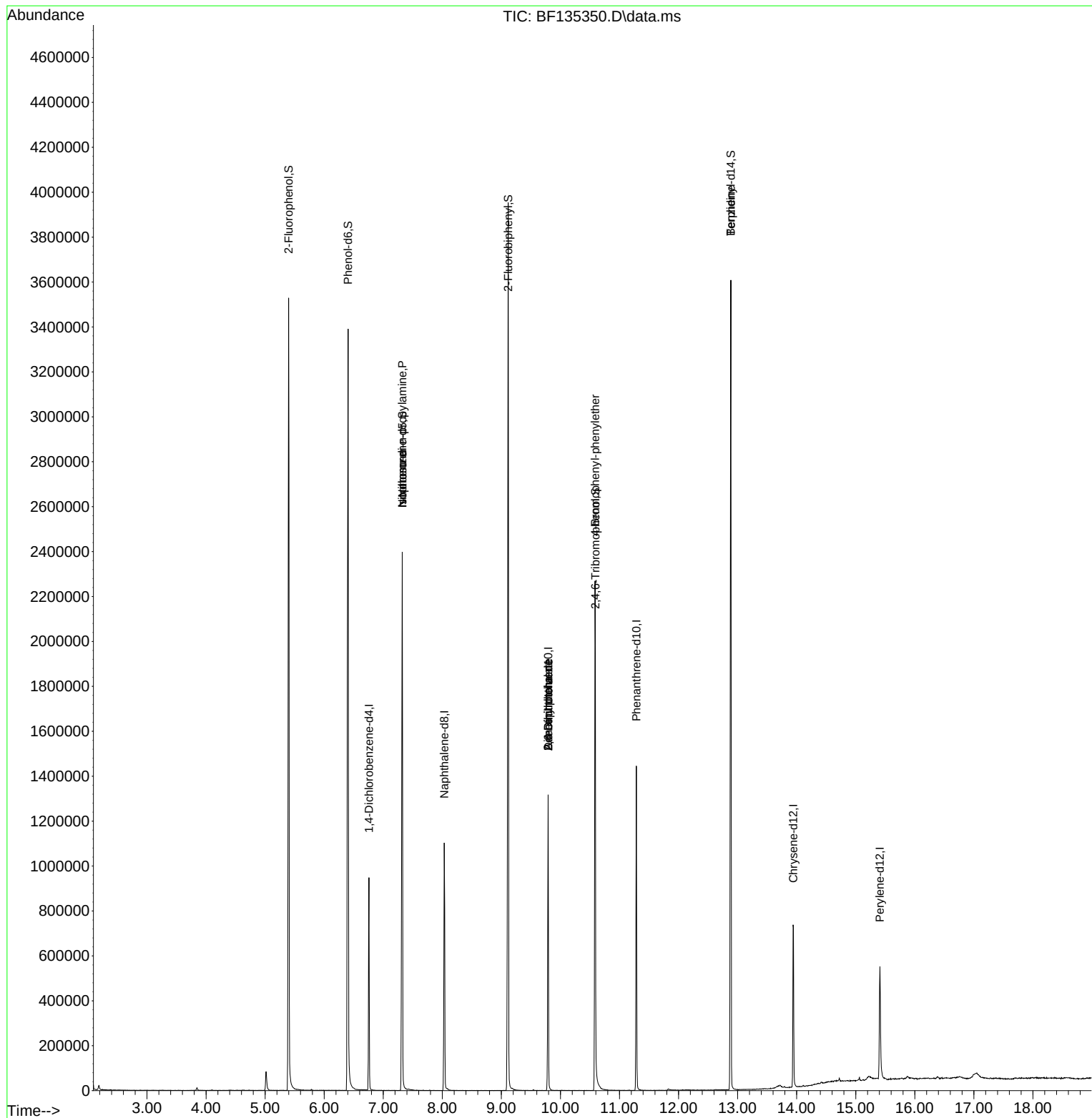
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	133174	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	525554	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	259139	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	499785	20.000	ng	0.00
76) Chrysene-d12	13.945	240	277762	20.000	ng	0.00
86) Perylene-d12	15.410	264	265728	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1021194	124.718	ng	0.01
7) Phenol-d6	6.404	99	1290214	123.921	ng	0.00
23) Nitrobenzene-d5	7.322	82	835017	86.320	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	303422	117.824	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1427118	83.088	ng	-0.01
79) Terphenyl-d14	12.886	244	1392236	77.701	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	109999	17.057	ng	# 81
25) Isophorone	7.322	82	833231	46.908	ng	# 65
50) Dimethylphthalate	9.792	163	50692	2.893	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	33691	8.778	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	33691	7.012	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	19241	3.871	ng	# 1
77) Benzidine	12.886	184	17737	3.117	ng	# 94

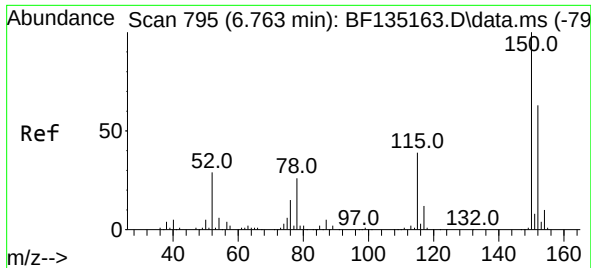
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
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BNA_F
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Quant Time: Sep 20 11:43:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

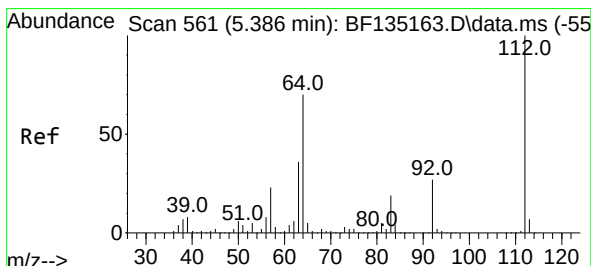
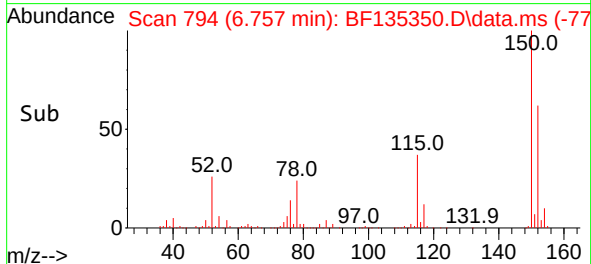
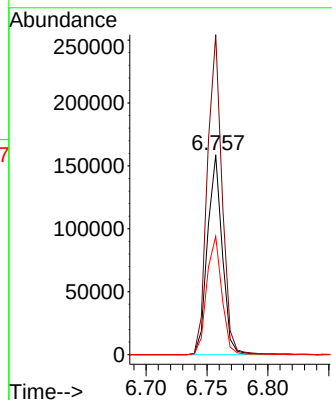
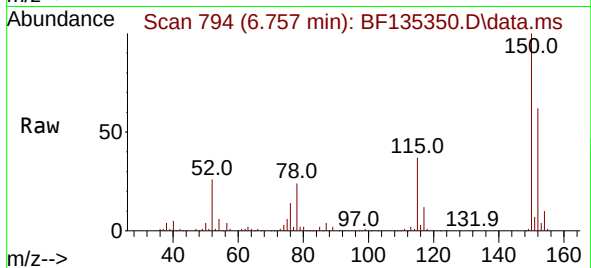




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

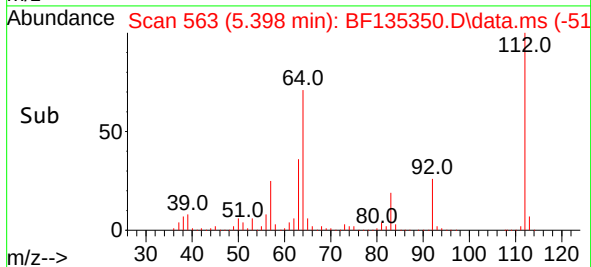
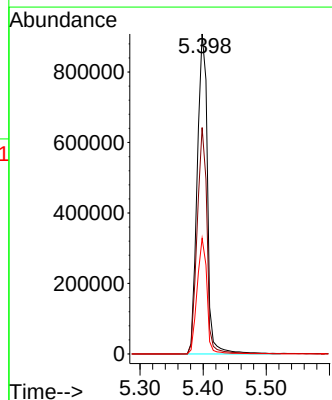
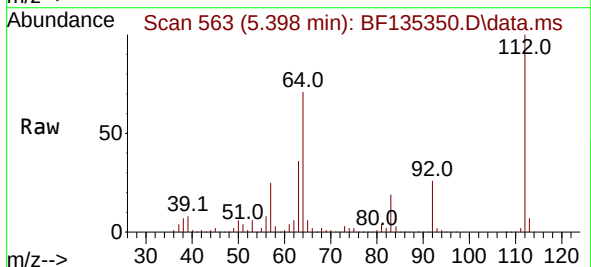
Instrument :
BNA_F
ClientSampleId :
PB155675BL

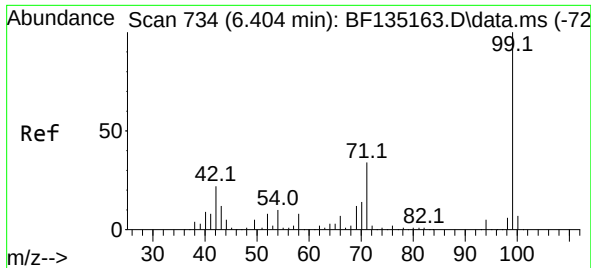
Tgt Ion:152 Resp: 133174
Ion Ratio Lower Upper
152 100
150 160.1 127.8 191.6
115 59.2 49.8 74.8



#5
2-Fluorophenol
Concen: 124.718 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

Tgt Ion:112 Resp: 1021194
Ion Ratio Lower Upper
112 100
64 70.8 55.9 83.9
63 36.2 29.0 43.6



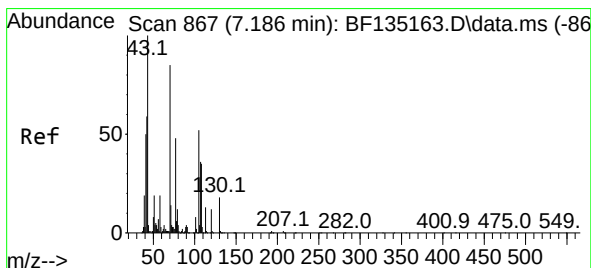
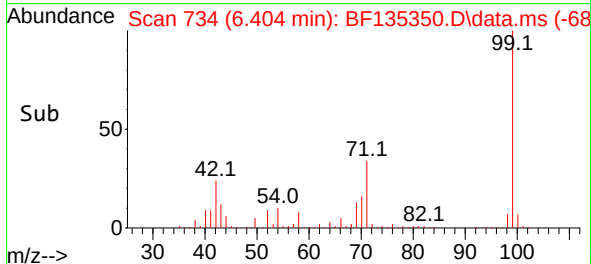
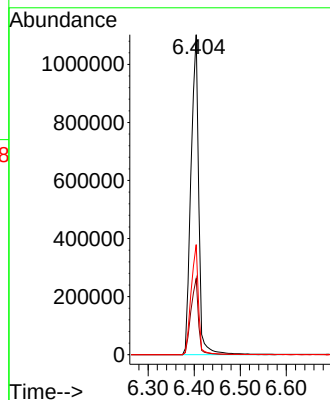
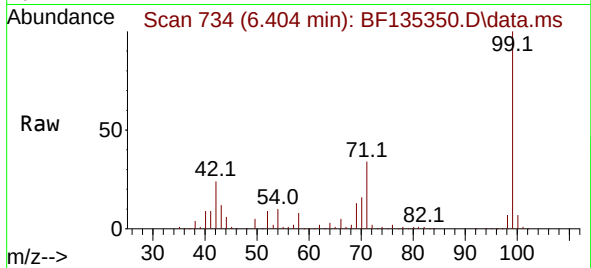


#7
Phenol-d6
Concen: 123.921 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

Instrument :
BNA_F
ClientSampleId :
PB155675BL

Tgt Ion: 99 Resp: 1290214

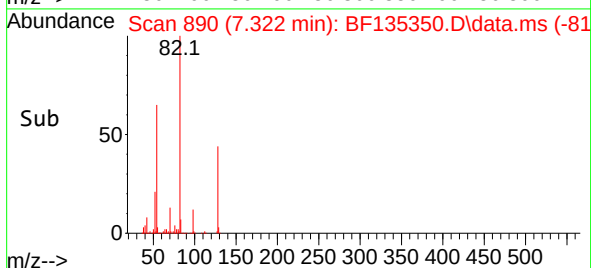
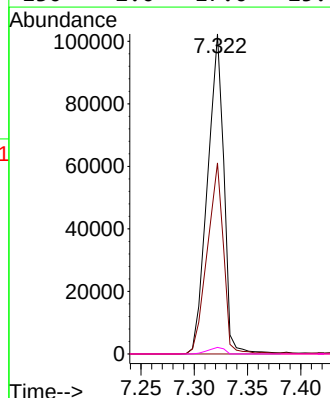
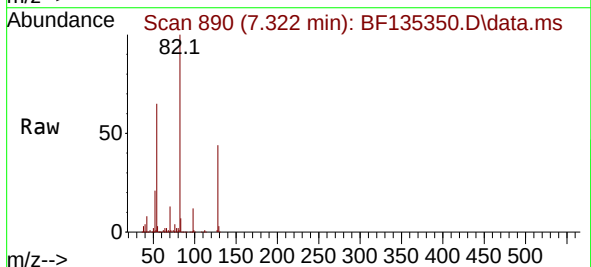
Ion	Ratio	Lower	Upper
99	100		
42	23.8	17.9	26.9
71	34.4	27.0	40.6

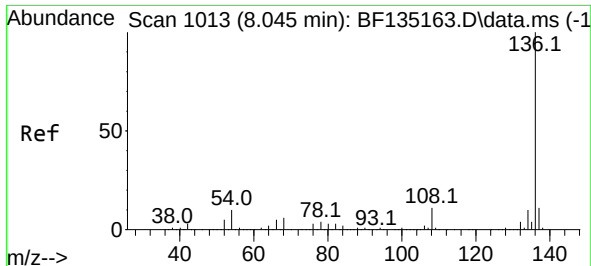


#19
n-Nitroso-di-n-propylamine
Concen: 17.057 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.135 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

Tgt Ion: 70 Resp: 109999

Ion	Ratio	Lower	Upper
70	100		
42	59.7	55.4	83.0
101	0.0	7.7	11.5#
130	2.0	17.0	25.6#

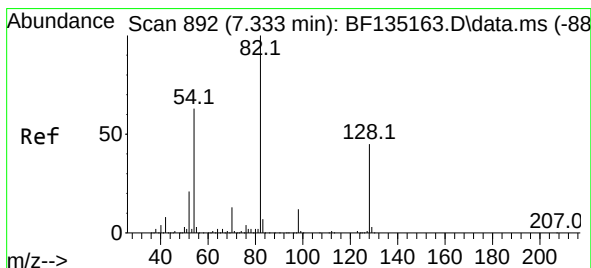
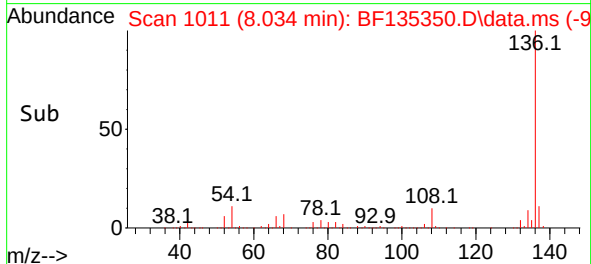
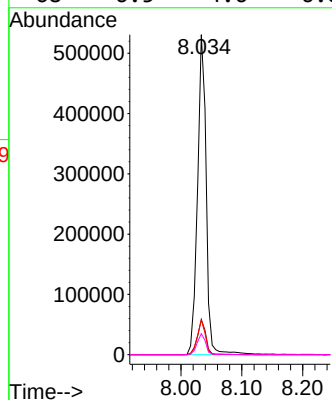
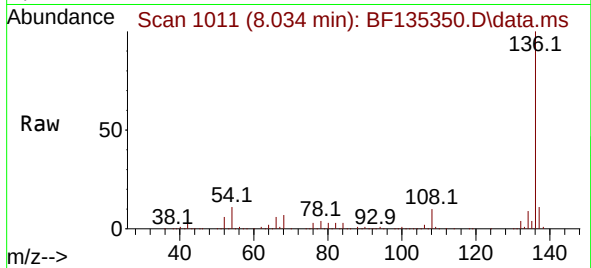




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

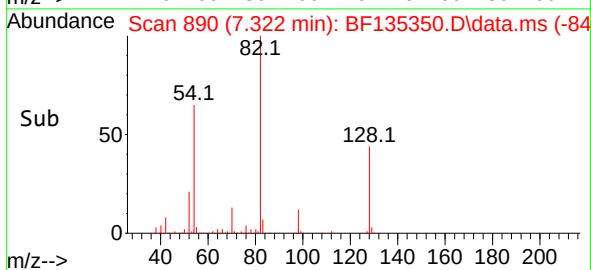
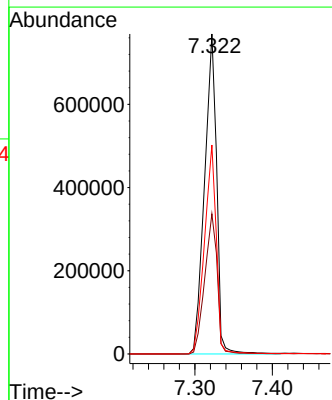
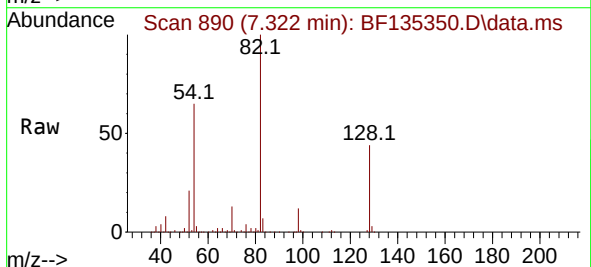
Instrument :
BNA_F
ClientSampleId :
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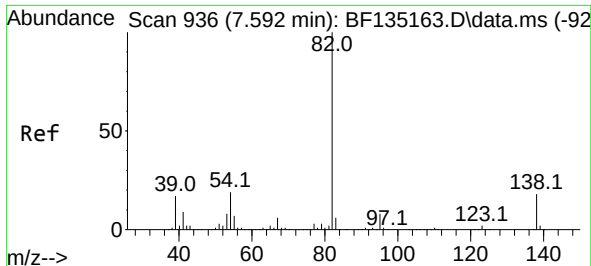
Tgt Ion:136 Resp: 525554
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.8 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 86.320 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

Tgt Ion: 82 Resp: 835017
Ion Ratio Lower Upper
82 100
128 43.8 35.8 53.6
54 65.3 50.6 76.0

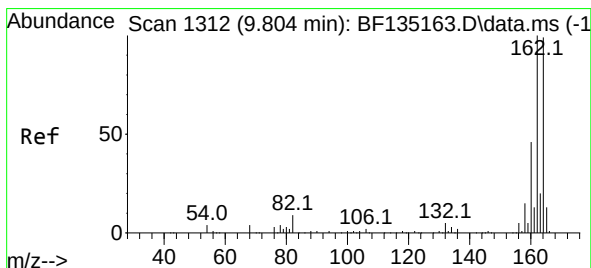
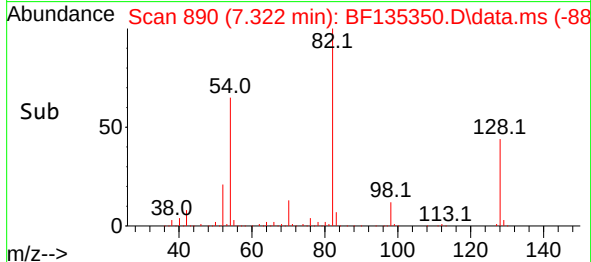
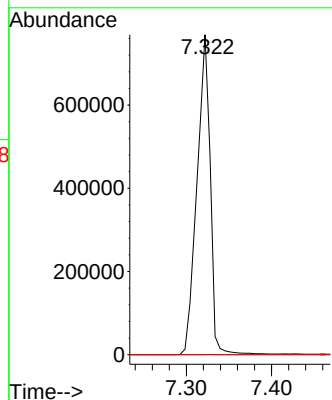
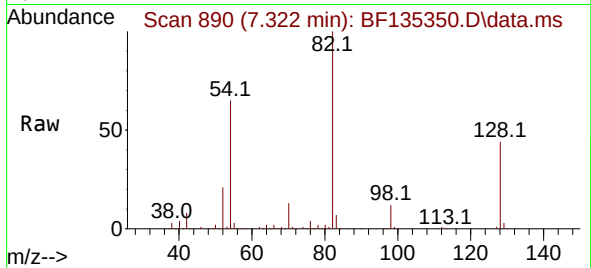




#25
Isophorone
Concen: 46.908 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

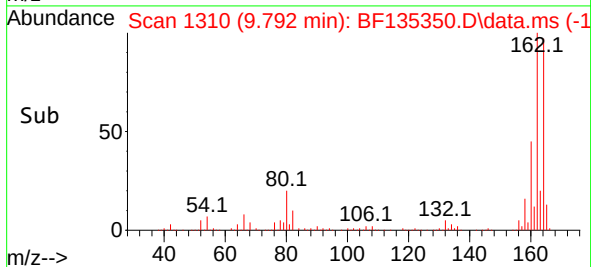
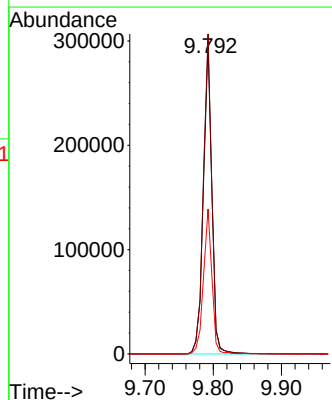
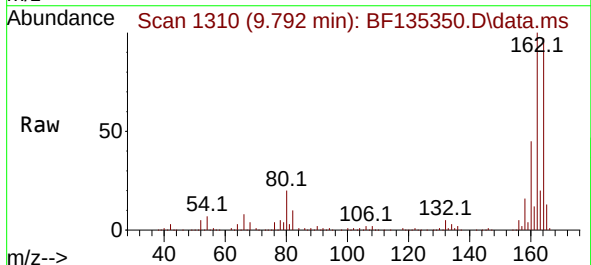
Instrument :
BNA_F
ClientSampleId :
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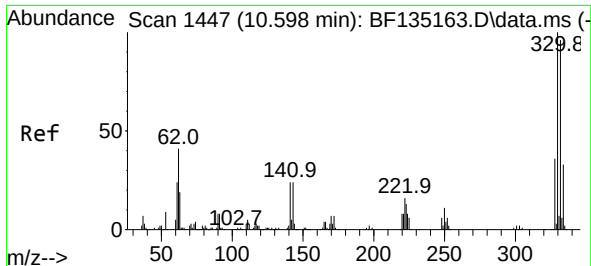
Tgt Ion: 82 Resp: 833231
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

Tgt Ion: 164 Resp: 259139
Ion Ratio Lower Upper
164 100
162 103.2 81.0 121.4
160 46.8 37.0 55.4

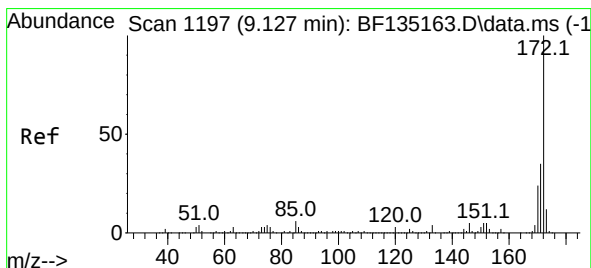
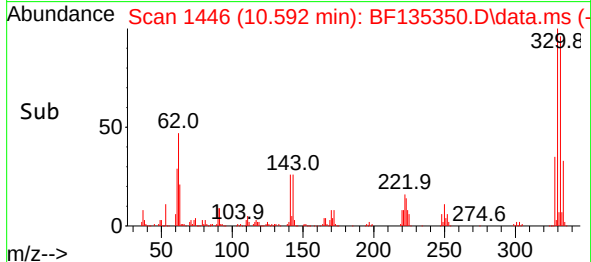
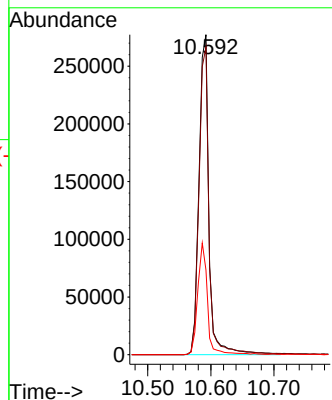
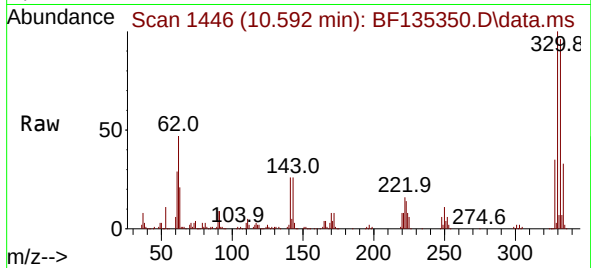




#42
2,4,6-Tribromophenol
Concen: 117.824 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

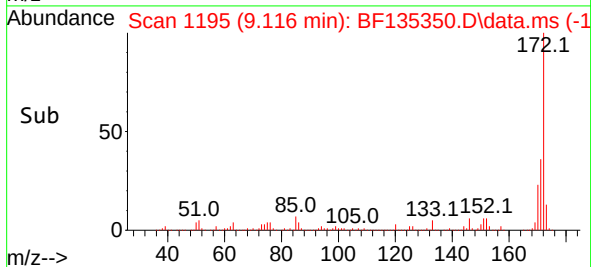
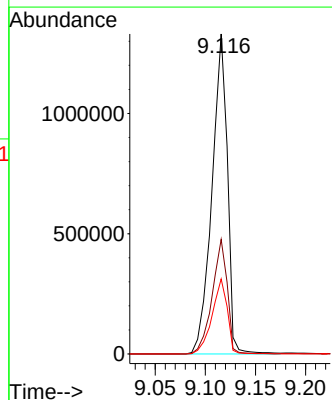
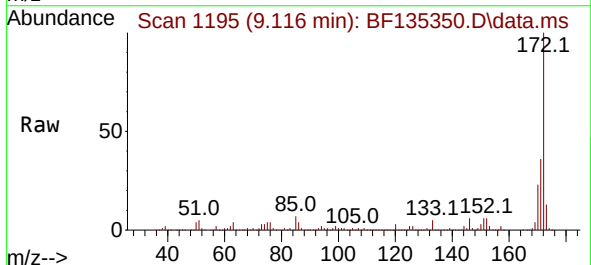
Instrument :
BNA_F
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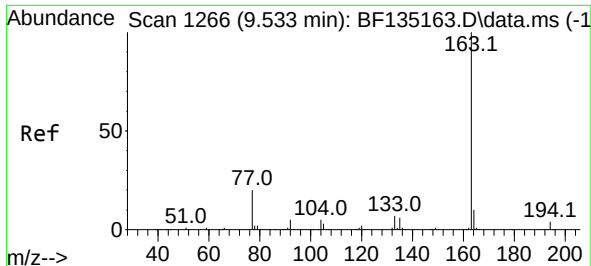
Tgt Ion:330 Resp: 303422
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 34.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 83.088 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

Tgt Ion:172 Resp: 1427118
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 19.0 28.4

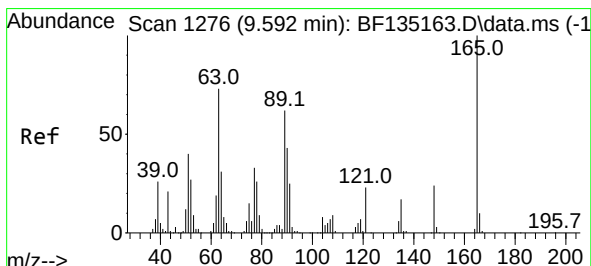
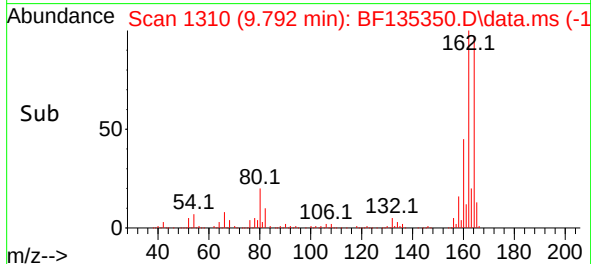
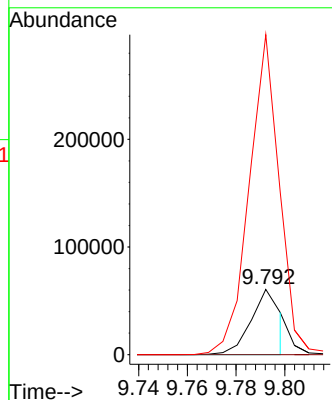
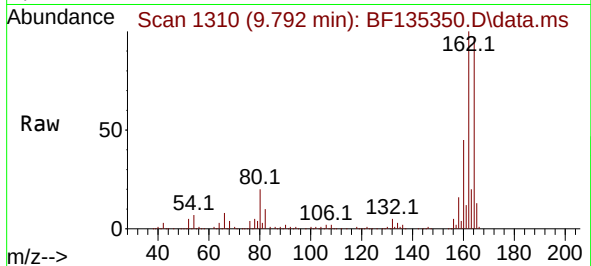




#50
Dimethylphthalate
Concen: 2.893 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

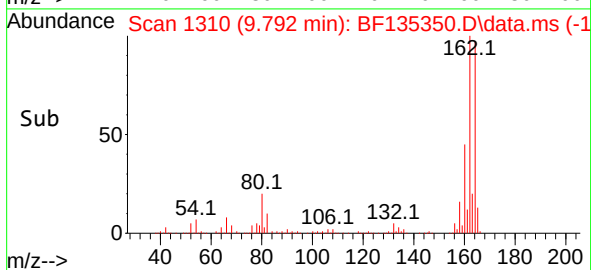
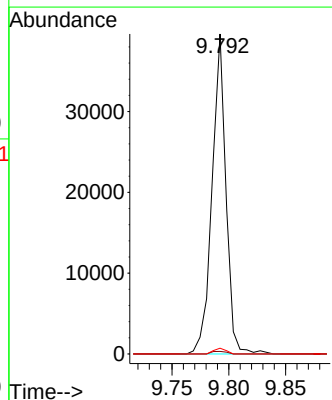
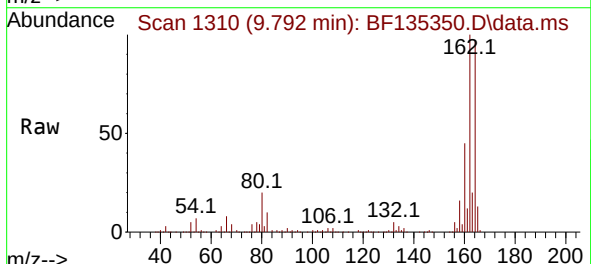
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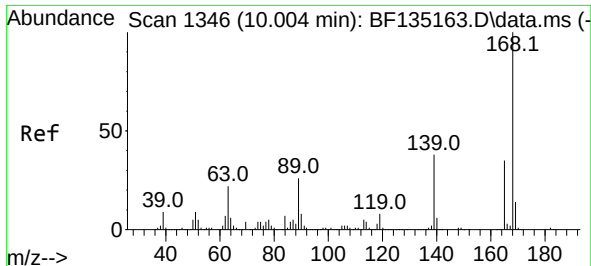
Tgt Ion:163 Resp: 50692
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 489.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.778 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

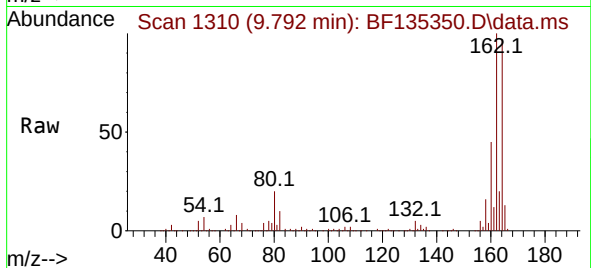
Tgt Ion:165 Resp: 33691
Ion Ratio Lower Upper
165 100
63 0.8 59.4 89.2#
89 1.8 49.8 74.8#



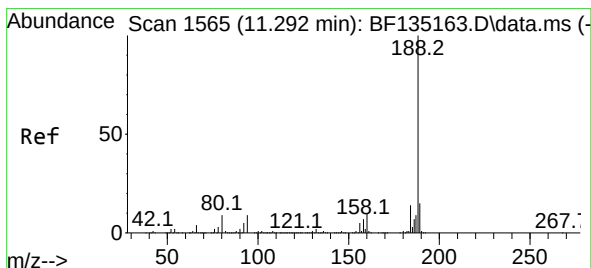
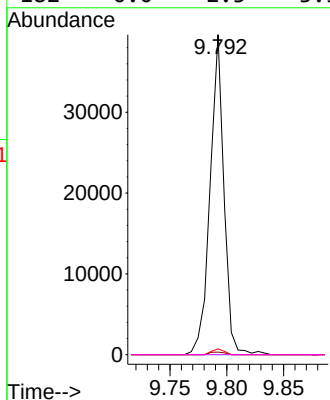
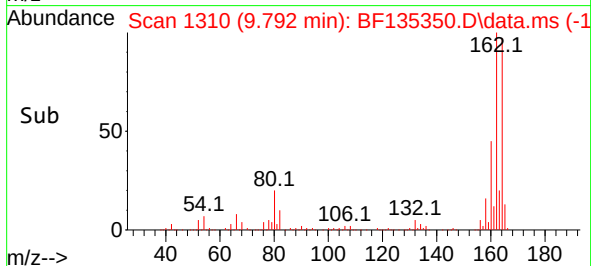


#57
2,4-Dinitrotoluene
Concen: 7.012 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

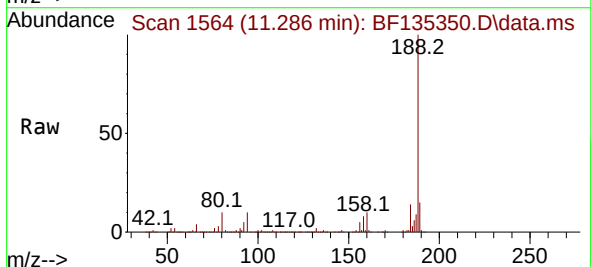
Instrument :
BNA_F
ClientSampleId :
PB155675BL



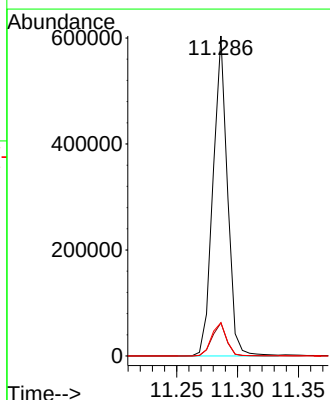
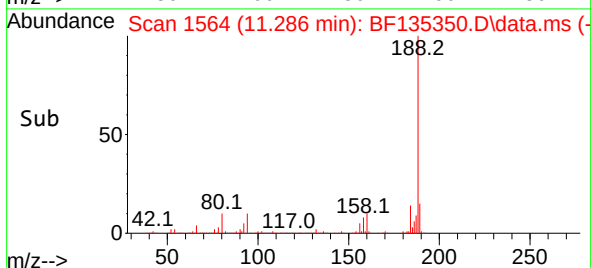
Tgt Ion:165 Resp: 33691
Ion Ratio Lower Upper
165 100
63 0.8 50.1 75.1#
89 1.8 59.3 88.9#
182 0.0 2.3 3.5#

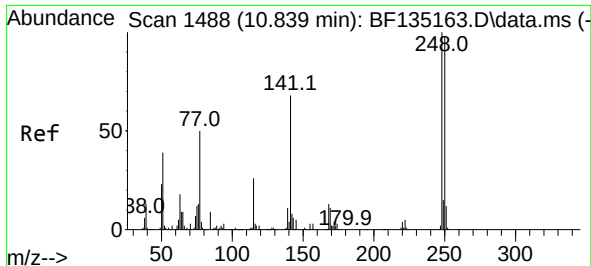


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21



Tgt Ion:188 Resp: 499785
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.4 7.5 11.3

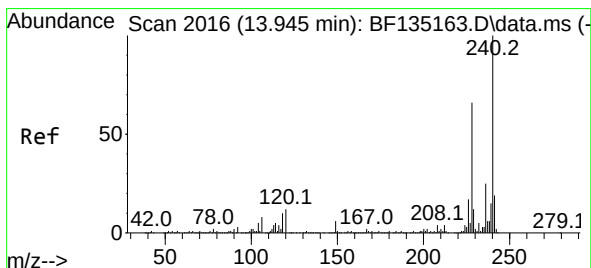
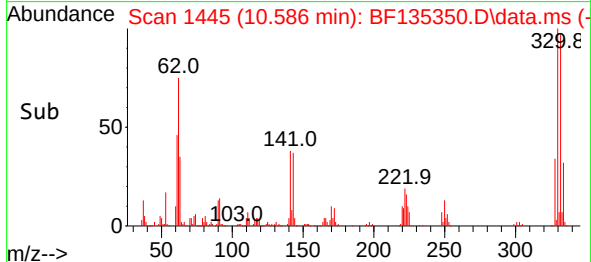
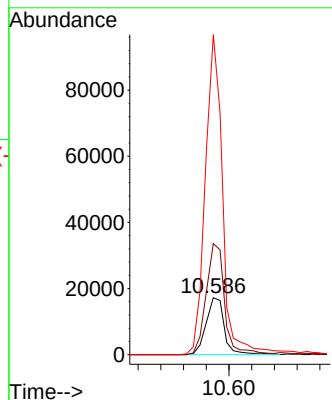
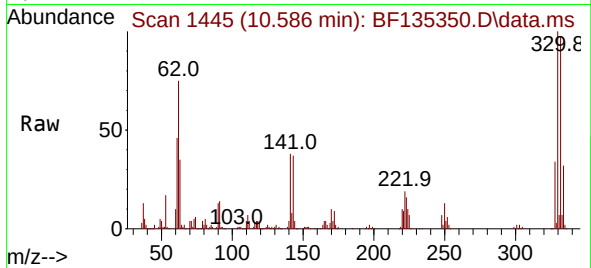




#67
4-Bromophenyl-phenylether
Concen: 3.871 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

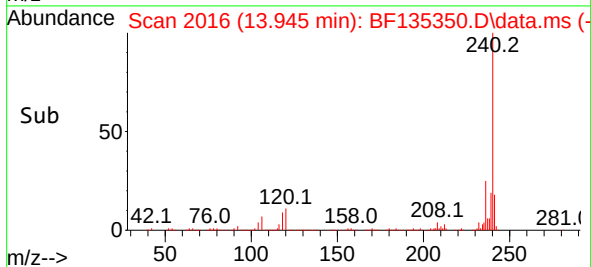
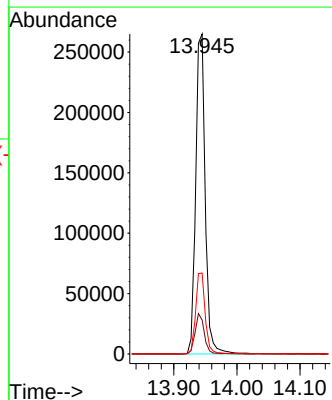
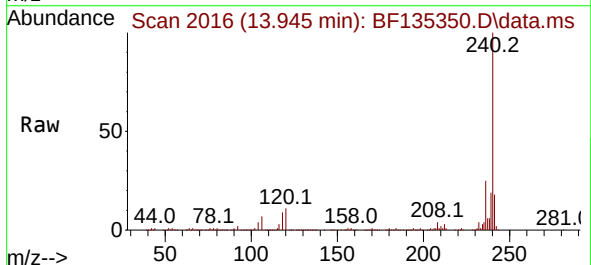
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BNA_F
ClientSampleId :
PB155675BL

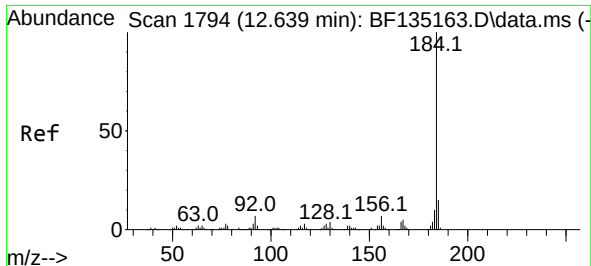
Tgt Ion:248 Resp: 19241
Ion Ratio Lower Upper
248 100
250 195.1 78.6 117.8#
141 562.4 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

Tgt Ion:240 Resp: 277762
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 25.3 19.8 29.8

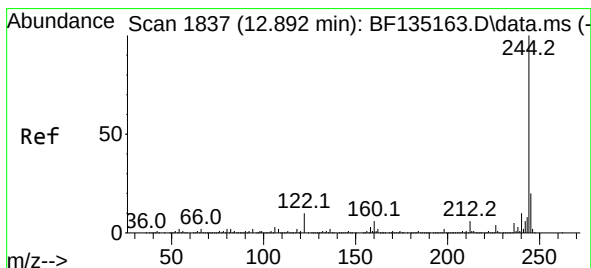
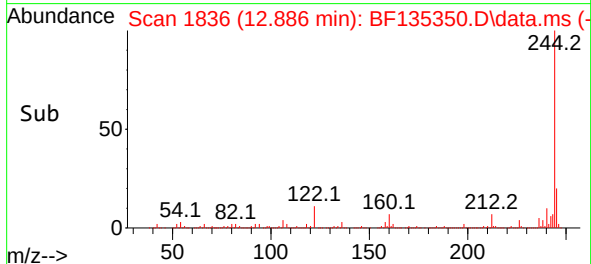
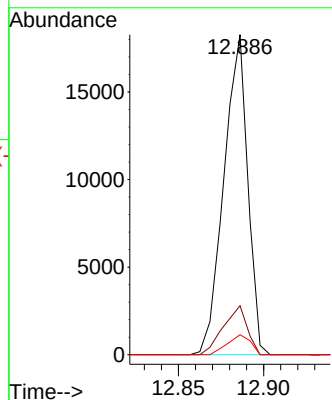
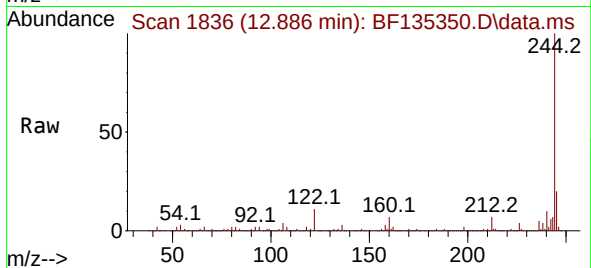




#77
Benzidine
Concen: 3.117 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

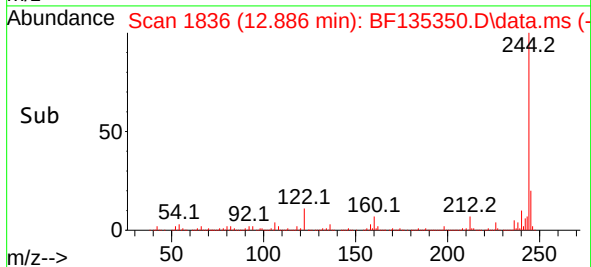
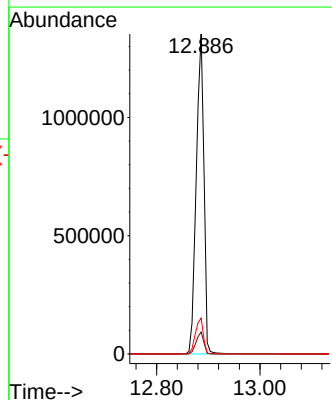
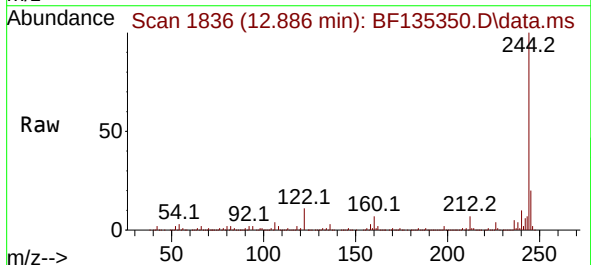
Instrument :
BNA_F
ClientSampleId :
PB155675BL

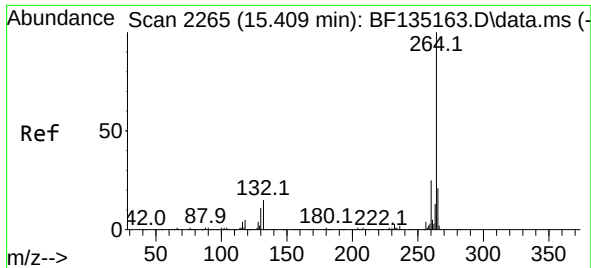
Tgt Ion:184 Resp: 17737
Ion Ratio Lower Upper
184 100
185 15.3 11.7 17.5
183 6.2 8.2 12.4#



#79
Terphenyl-d14
Concen: 77.701 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135350.D
Acq: 20 Sep 2023 11:21

Tgt Ion:244 Resp: 1392236
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 11.2 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135350.D
 Acq: 20 Sep 2023 11:21

Instrument :
 BNA_F
 ClientSampleId :
 PB155675BL

Tgt Ion:264 Resp: 265728
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.8 29.6
 265 21.8 17.0 25.4

