

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125391.D
 Acq On : 7 Sep 2021 16:58
 Operator : JU/CG
 Sample : M3658-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-251607

Quant Time: Sep 08 09:31:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

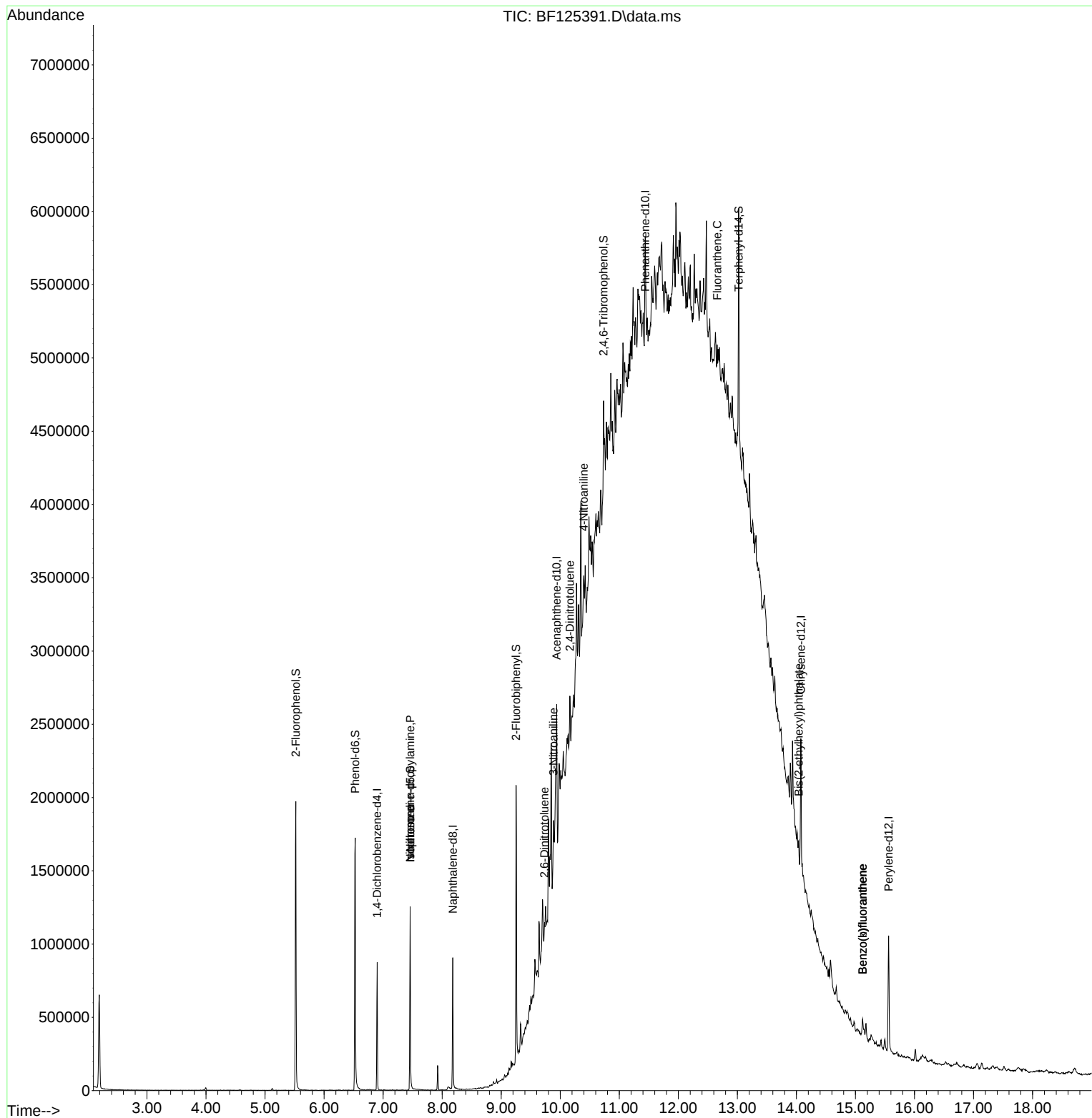
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	115274	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	393957	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	162020	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	239746	20.000	ng	# 0.01
76) Chrysene-d12	14.074	240	313992	20.000	ng	0.00
86) Perylene-d12	15.562	264	349837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	503520	66.114	ng	0.00
7) Phenol-d6	6.528	99	593579	60.263	ng	0.00
23) Nitrobenzene-d5	7.457	82	370809	47.386	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	124239	76.818	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	606593	52.180	ng	0.00
79) Terphenyl-d14	13.021	244	644307	32.690	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	48821	8.241	ng	# 58
25) Isophorone	7.457	82	370806	24.563	ng	# 59
51) 2,6-Dinitrotoluene	9.733	165	7206	2.960	ng	# 30
53) 3-Nitroaniline	9.886	138	10225	3.895	ng	# 24
57) 2,4-Dinitrotoluene	10.163	165	10920	3.706	ng	# 29
62) 4-Nitroaniline	10.398	138	23464	9.938	ng	# 81
75) Fluoranthene	12.657	202	35177	2.684	ng	# 62
84) Bis(2-ethylhexyl)phtha...	14.039	149	31421	2.160	ng	# 89
88) Benzo(b)fluoranthene	15.121	252	69776	2.730	ng	# 96
89) Benzo(k)fluoranthene	15.121	252	69776	2.926	ng	# 95

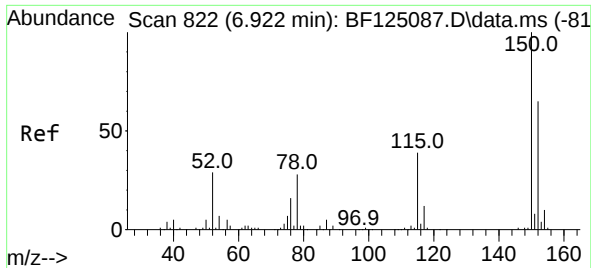
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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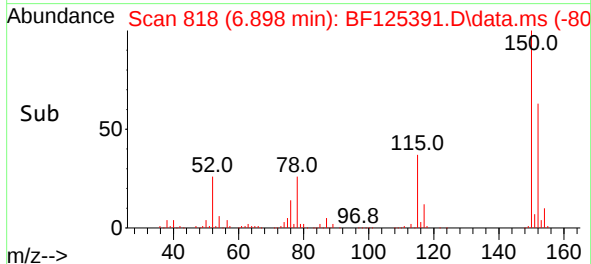
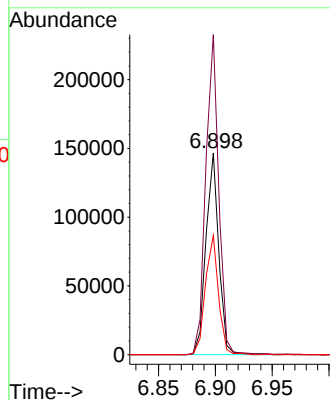
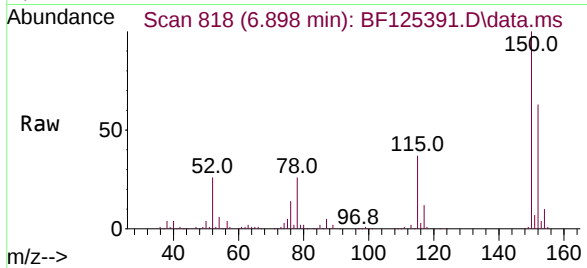




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

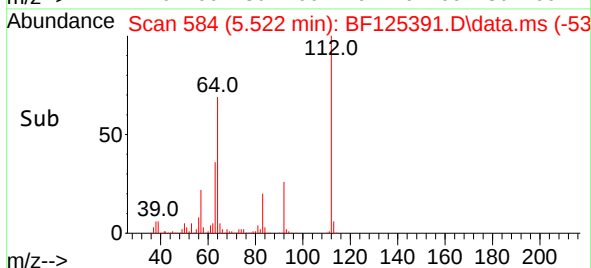
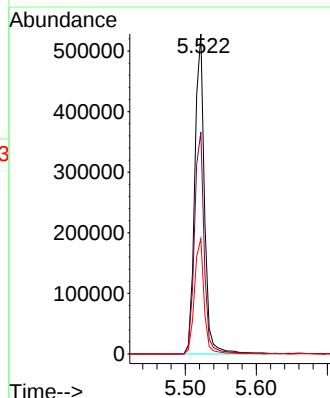
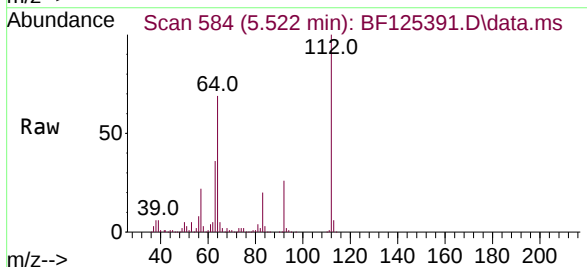
Instrument :
BNA_F
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RBR-251607

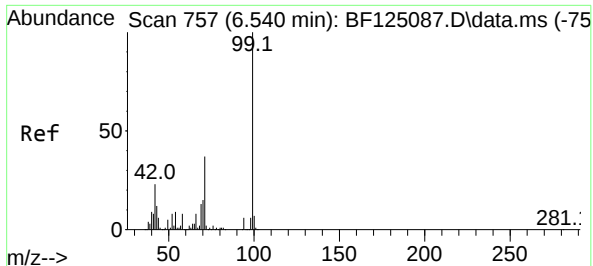
Tgt Ion:152 Resp: 115274
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 66.114 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.000 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion:112 Resp: 503520
Ion Ratio Lower Upper
112 100
64 69.3 44.2 66.2#
63 36.0 26.2 39.2

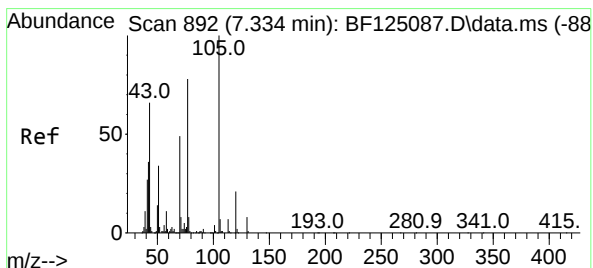
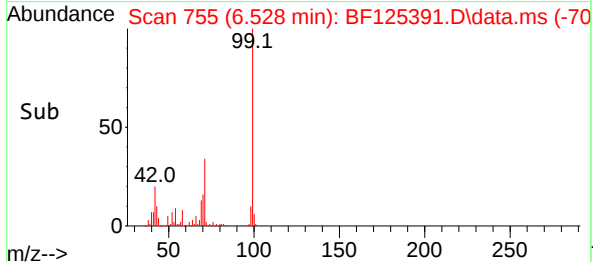
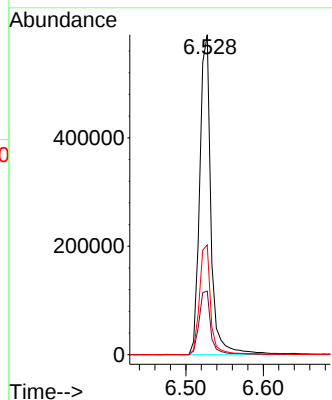
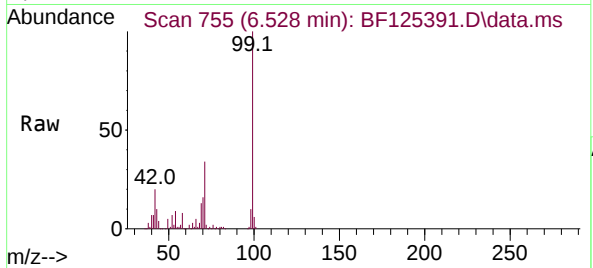




#7
Phenol-d6
Concen: 60.263 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

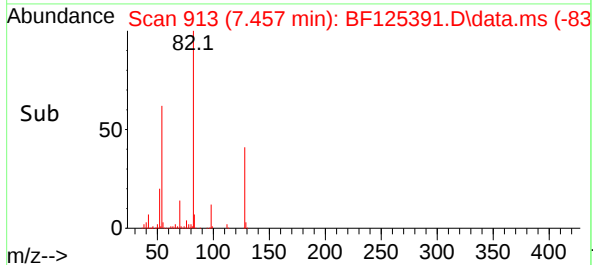
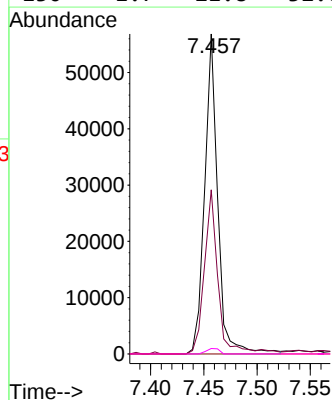
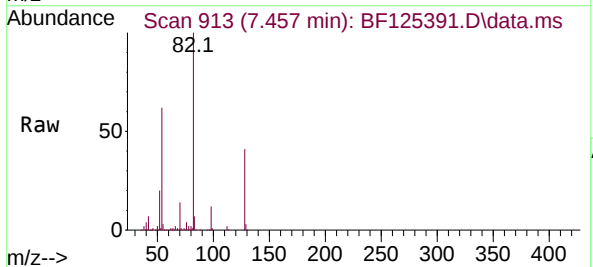
Instrument :
BNA_F
ClientSampleId :
RBR-251607

Tgt Ion: 99 Resp: 593579
Ion Ratio Lower Upper
99 100
42 19.9 23.5 35.3#
71 34.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.241 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion: 70 Resp: 48821
Ion Ratio Lower Upper
70 100
42 51.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

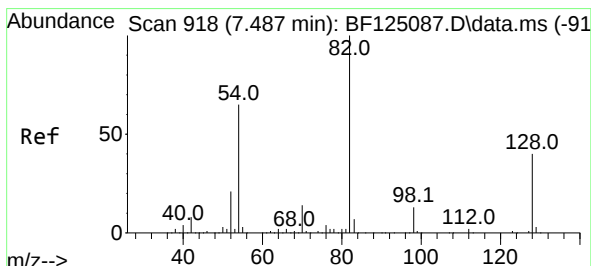
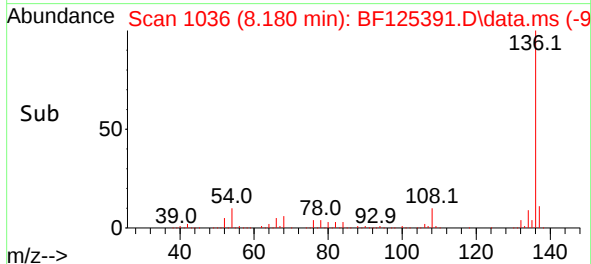
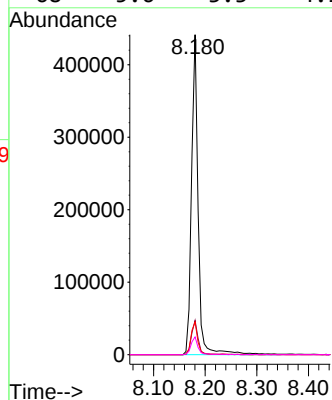
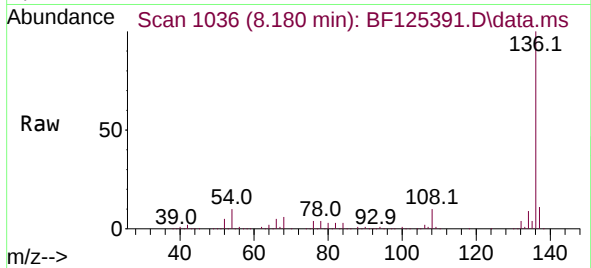




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

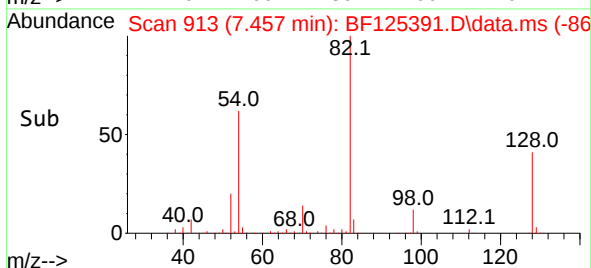
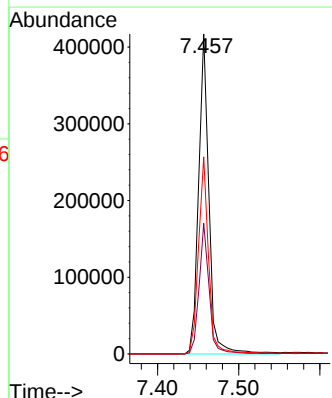
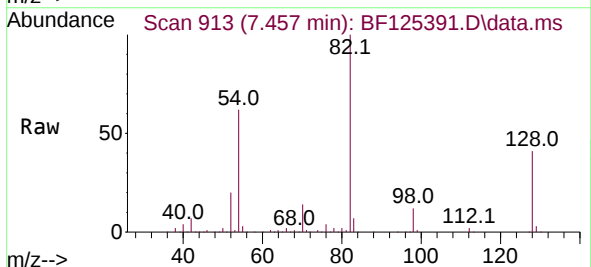
Instrument :
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ClientSampleId :
RBR-251607

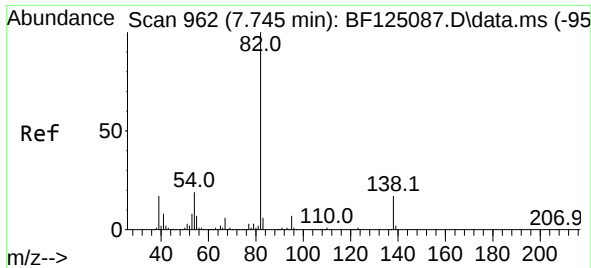
Tgt Ion:136	Resp: 393957
Ion Ratio	Lower Upper
136 100	
137 10.7	9.8 14.6
54 10.2	6.4 9.6#
68 5.6	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 47.386 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion: 82	Resp: 370809
Ion Ratio	Lower Upper
82 100	
128 40.9	40.6 60.8
54 61.6	49.6 74.4

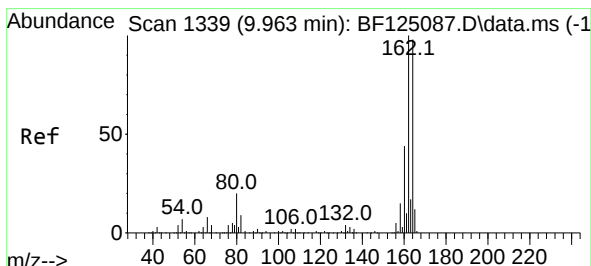
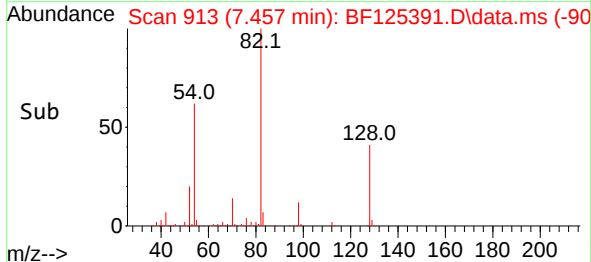
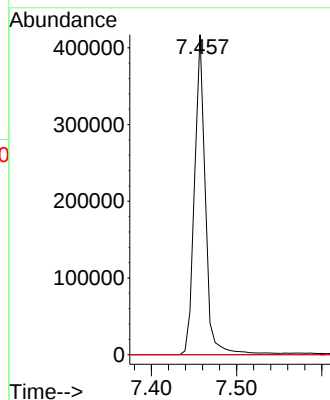
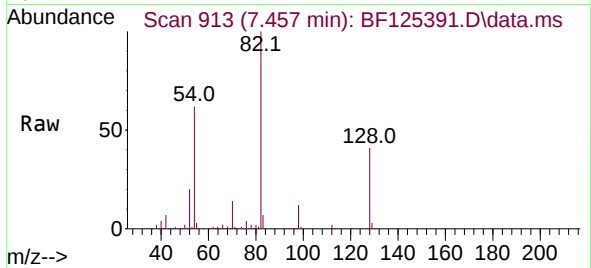




#25
Isophorone
Concen: 24.563 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

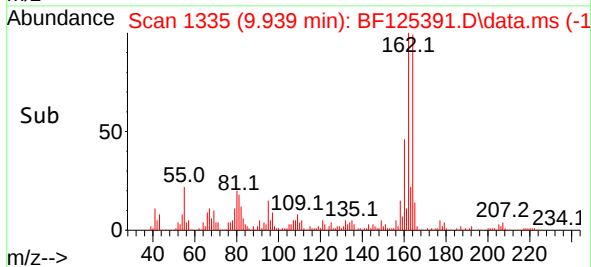
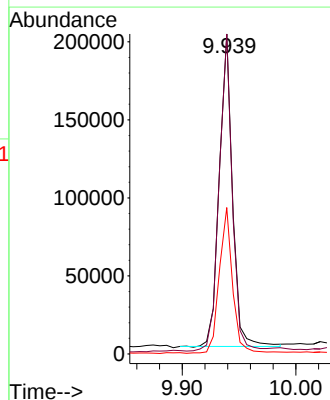
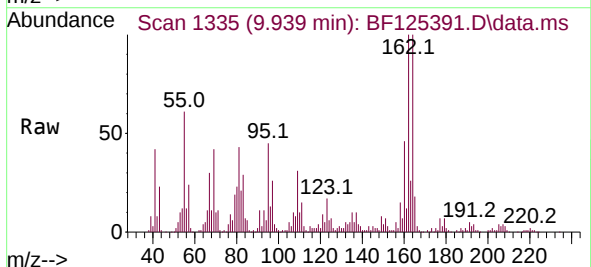
Instrument :
BNA_F
ClientSampleId :
RBR-251607

Tgt Ion: 82 Resp: 370806
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion:164 Resp: 162020
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 45.7 38.0 57.0

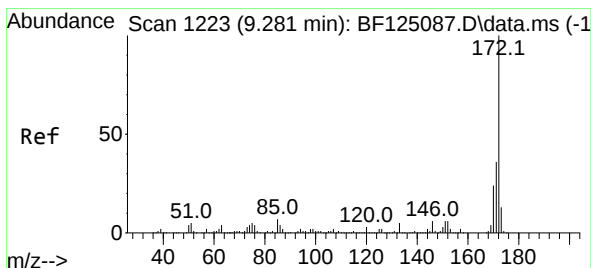
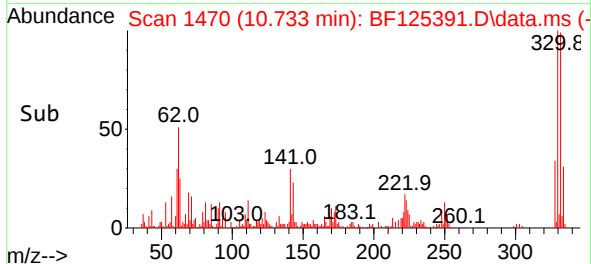
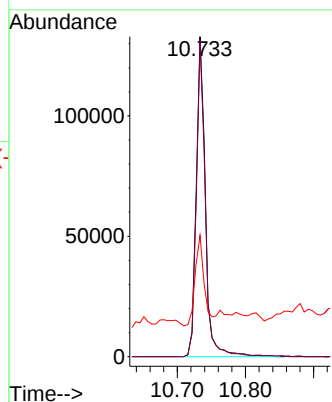
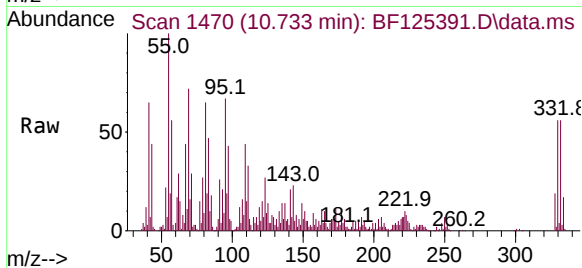




#42
2,4,6-Tribromophenol
Concen: 76.818 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

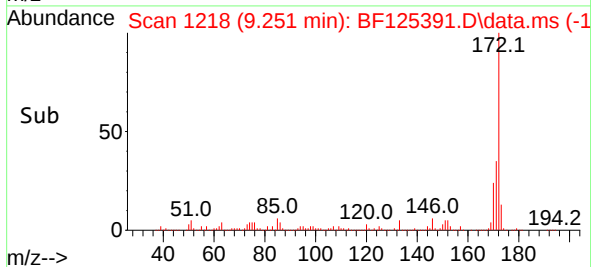
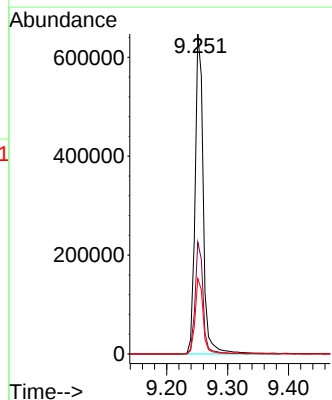
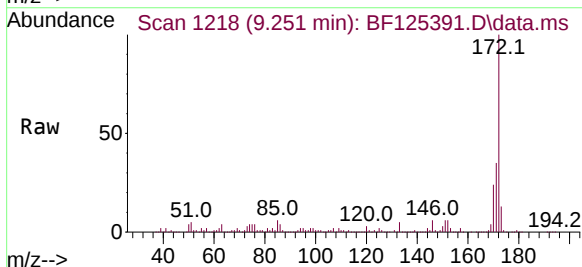
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ClientSampleId :
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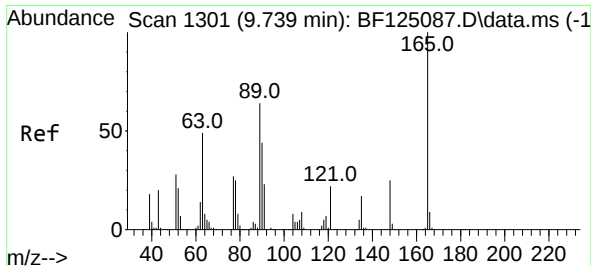
Tgt Ion:330 Resp: 124239
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 27.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 52.180 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion:172 Resp: 606593
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.6 18.8 28.2

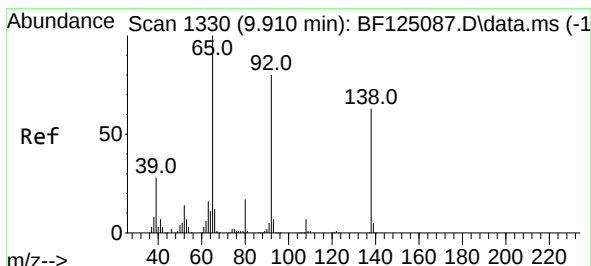
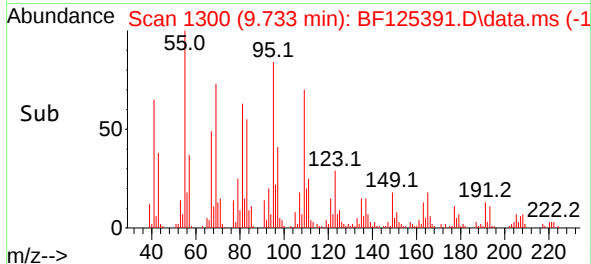
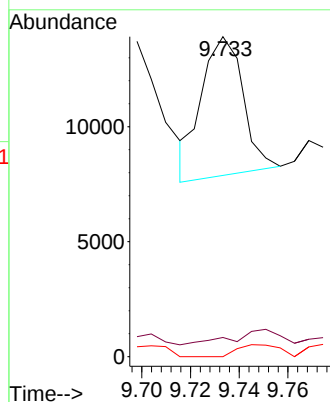
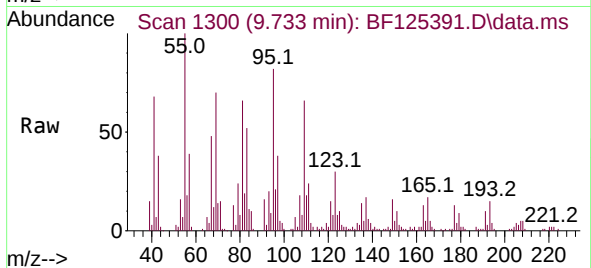




#51
2,6-Dinitrotoluene
Concen: 2.960 ng
RT: 9.733 min Scan# 1300
Delta R.T. 0.012 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

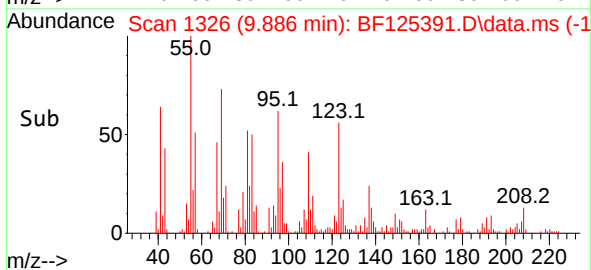
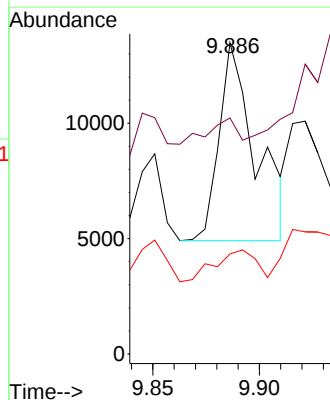
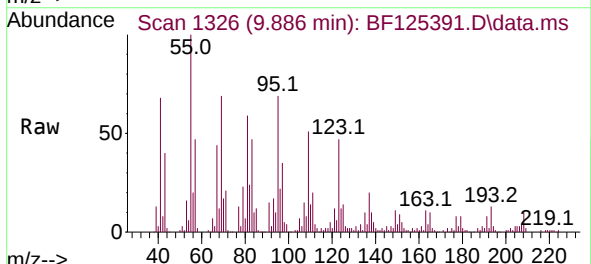
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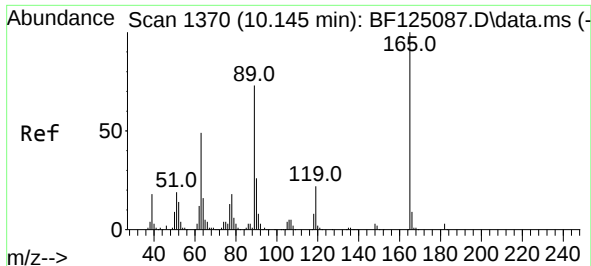
Tgt Ion:165 Resp: 7206
Ion Ratio Lower Upper
165 100
63 6.0 42.6 63.8#
89 0.0 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.895 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion:138 Resp: 10225
Ion Ratio Lower Upper
138 100
108 75.8 9.3 13.9#
92 32.2 76.5 114.7#

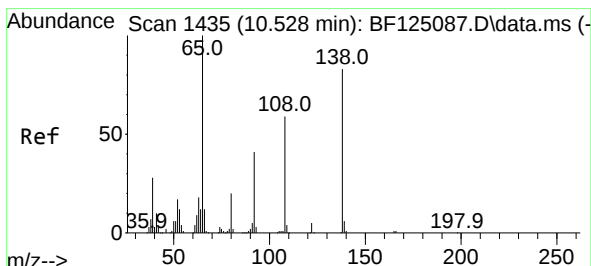
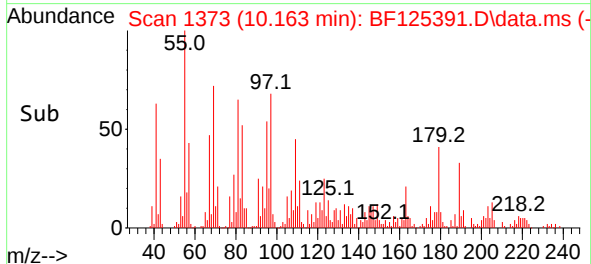
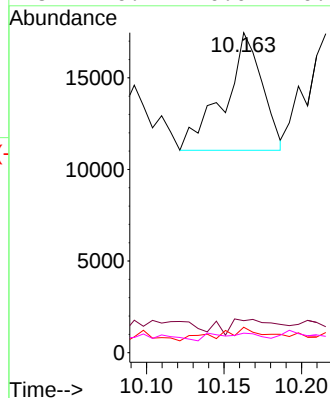
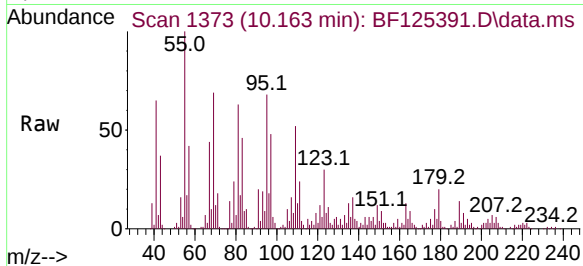




#57
2,4-Dinitrotoluene
Concen: 3.706 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.035 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

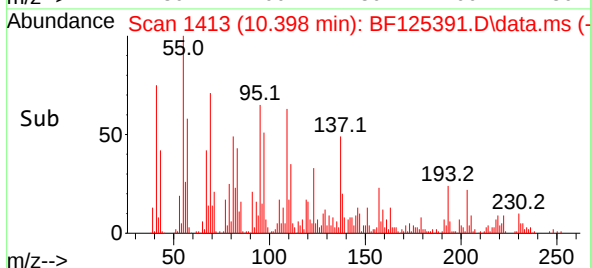
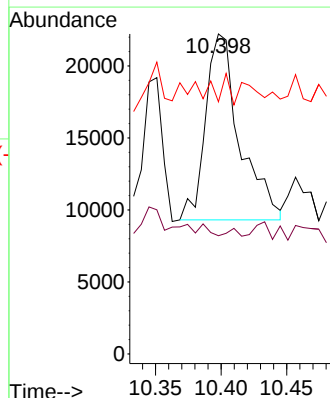
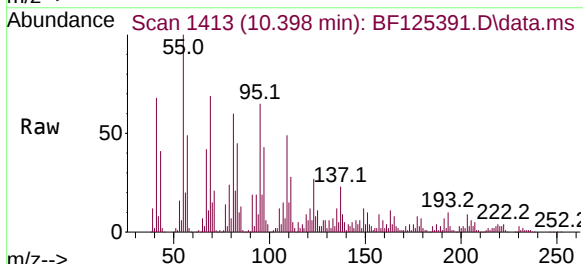
Instrument :
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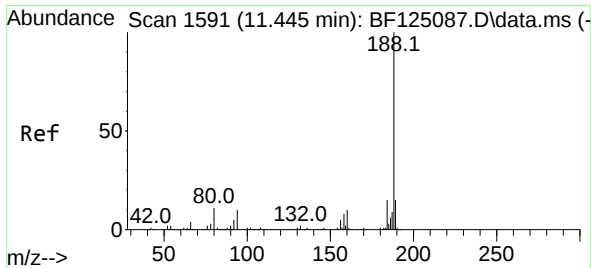
Tgt Ion:165 Resp: 10920
Ion Ratio Lower Upper
165 100
63 10.0 40.9 61.3#
89 8.0 59.7 89.5#
182 6.1 0.0 0.0#



#62
4-Nitroaniline
Concen: 9.938 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.112 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion:138 Resp: 23464
Ion Ratio Lower Upper
138 100
92 37.0 29.6 69.6
108 78.8 78.1 118.1

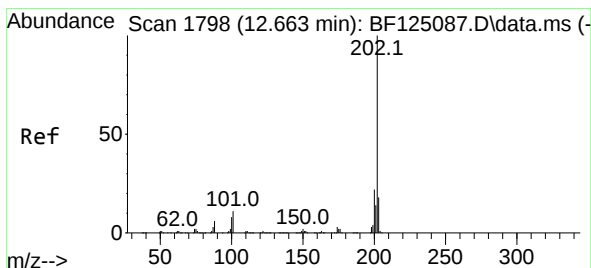
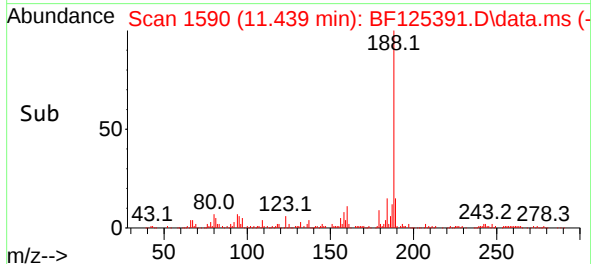
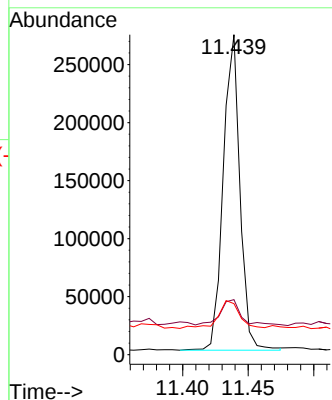
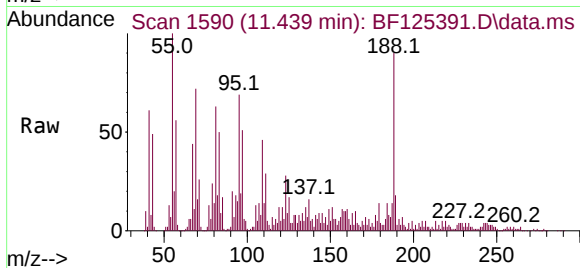




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.012 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

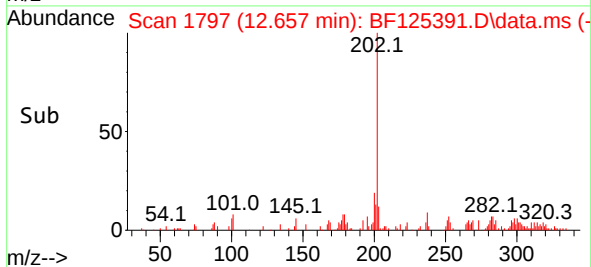
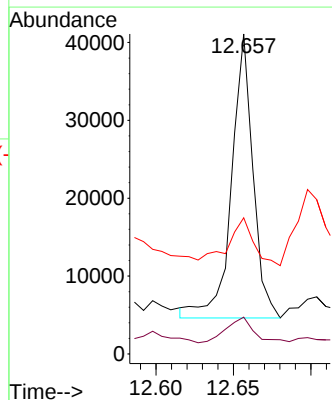
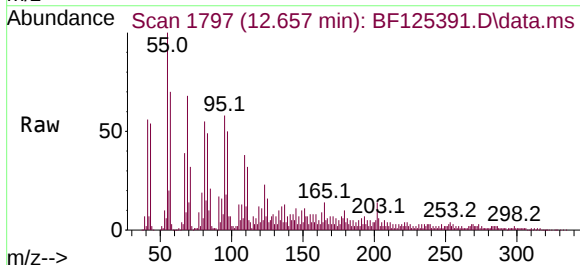
Instrument :
BNA_F
ClientSampleId :
RBR-251607

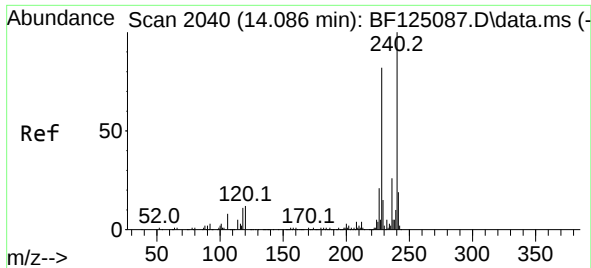
Tgt Ion:188 Resp: 239746
Ion Ratio Lower Upper
188 100
94 17.2 6.7 10.1#
80 16.0 7.5 11.3#



#75
Fluoranthene
Concen: 2.684 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.018 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion:202 Resp: 35177
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 42.6 0.0 36.3#

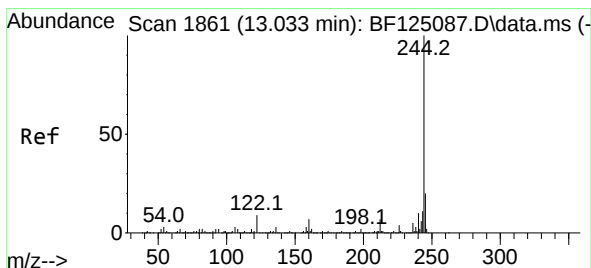
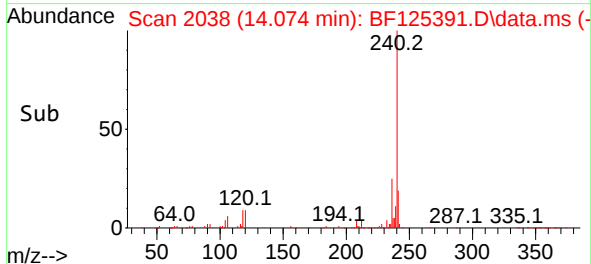
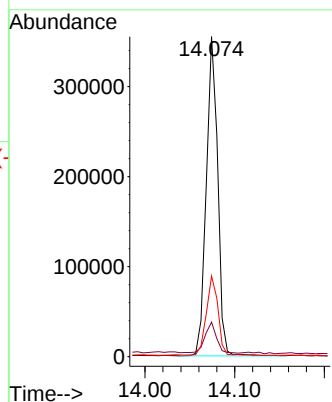
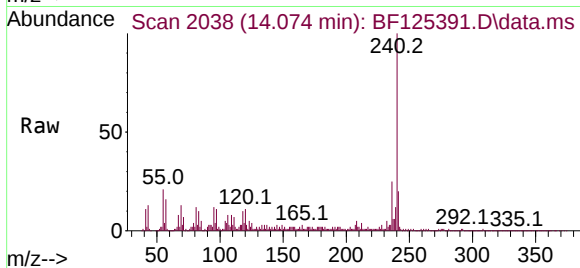




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

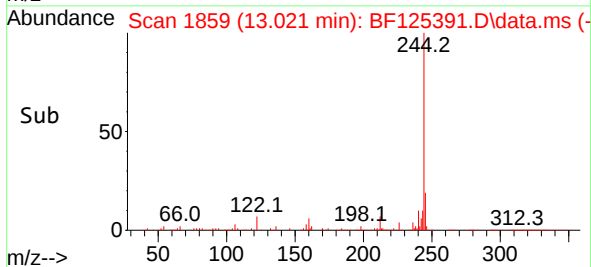
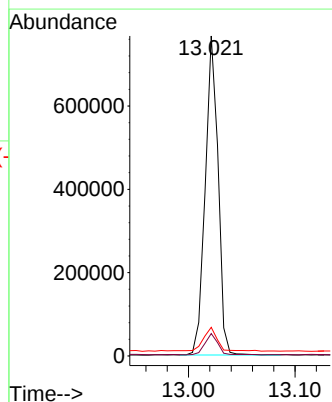
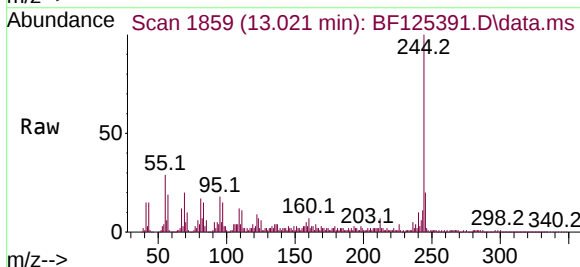
Instrument :
BNA_F
ClientSampleId :
RBR-251607

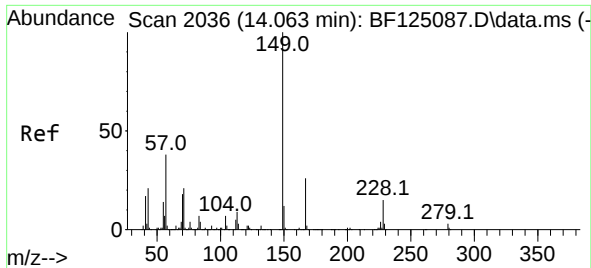
Tgt Ion:240 Resp: 313992
Ion Ratio Lower Upper
240 100
120 10.8 10.8 16.2
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 32.690 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.012 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion:244 Resp: 644307
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.0 9.0 13.4#

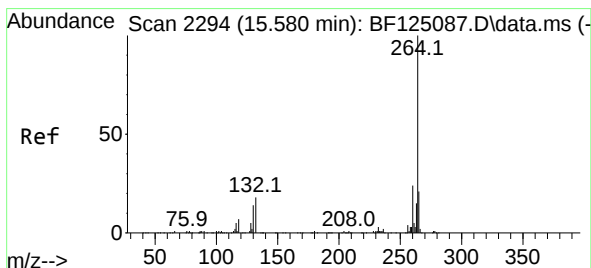
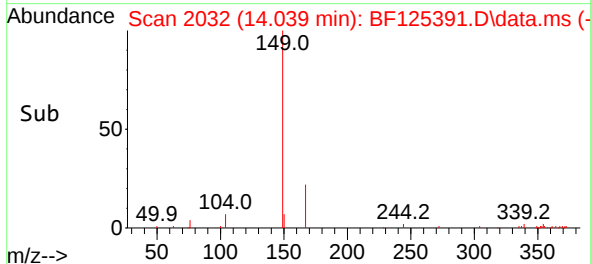
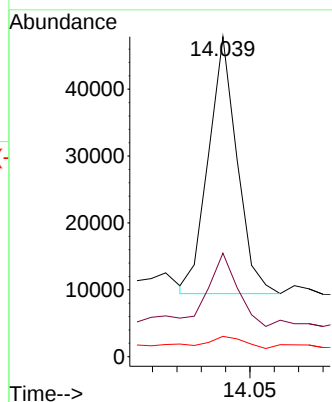
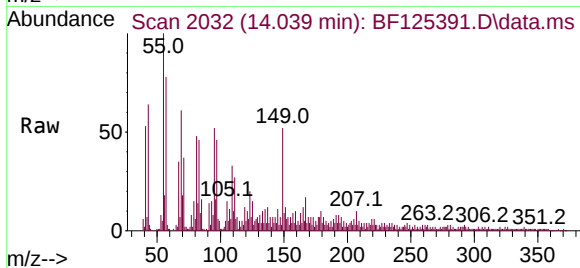




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.160 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

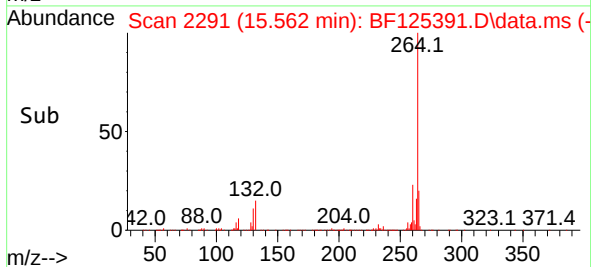
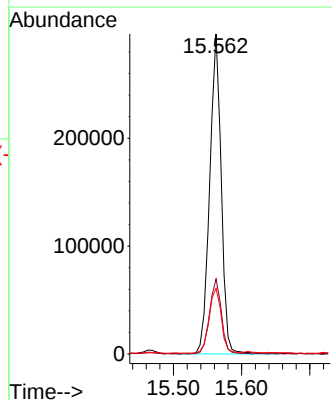
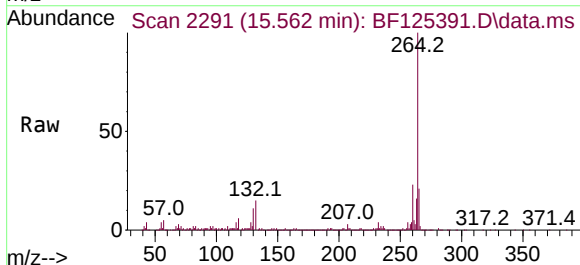
Instrument :
BNA_F
ClientSampleId :
RBR-251607

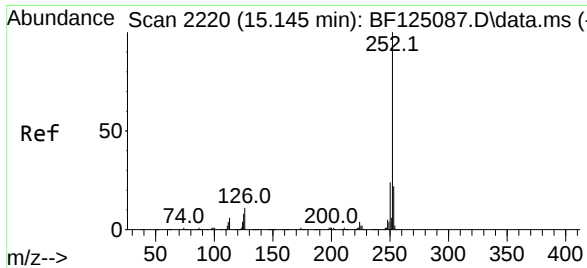
Tgt Ion:149 Resp: 31421
Ion Ratio Lower Upper
149 100
167 32.3 21.4 32.0#
279 6.3 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion:264 Resp: 349837
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 20.5 17.2 25.8

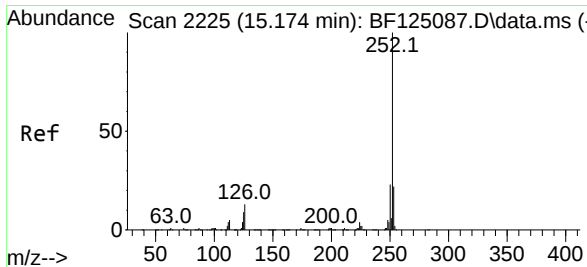
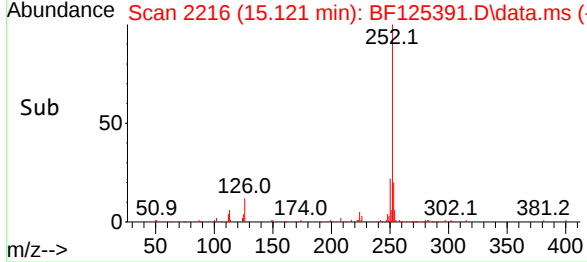
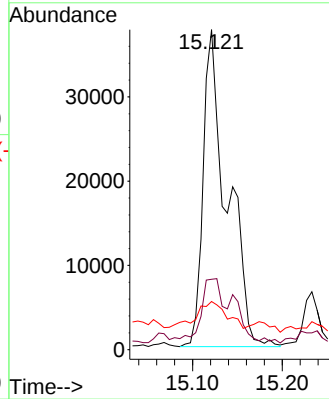
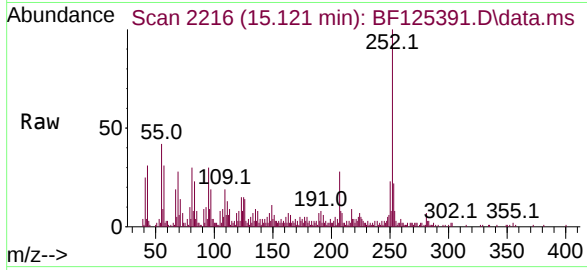




#88
Benzo(b)fluoranthene
Concen: 2.730 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.000 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Instrument :
BNA_F
ClientSampleId :
RBR-251607

Tgt Ion:252 Resp: 69776
Ion Ratio Lower Upper
252 100
253 22.0 16.8 25.2
125 15.1 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.926 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.029 min
Lab File: BF125391.D
Acq: 7 Sep 2021 16:58

Tgt Ion:252 Resp: 69776
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 15.1 7.2 10.8#

