

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123890.D
 Acq On : 10 May 2021 18:23
 Operator : JU/CG
 Sample : PB136256BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136256BL

Quant Time: May 10 19:02:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

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

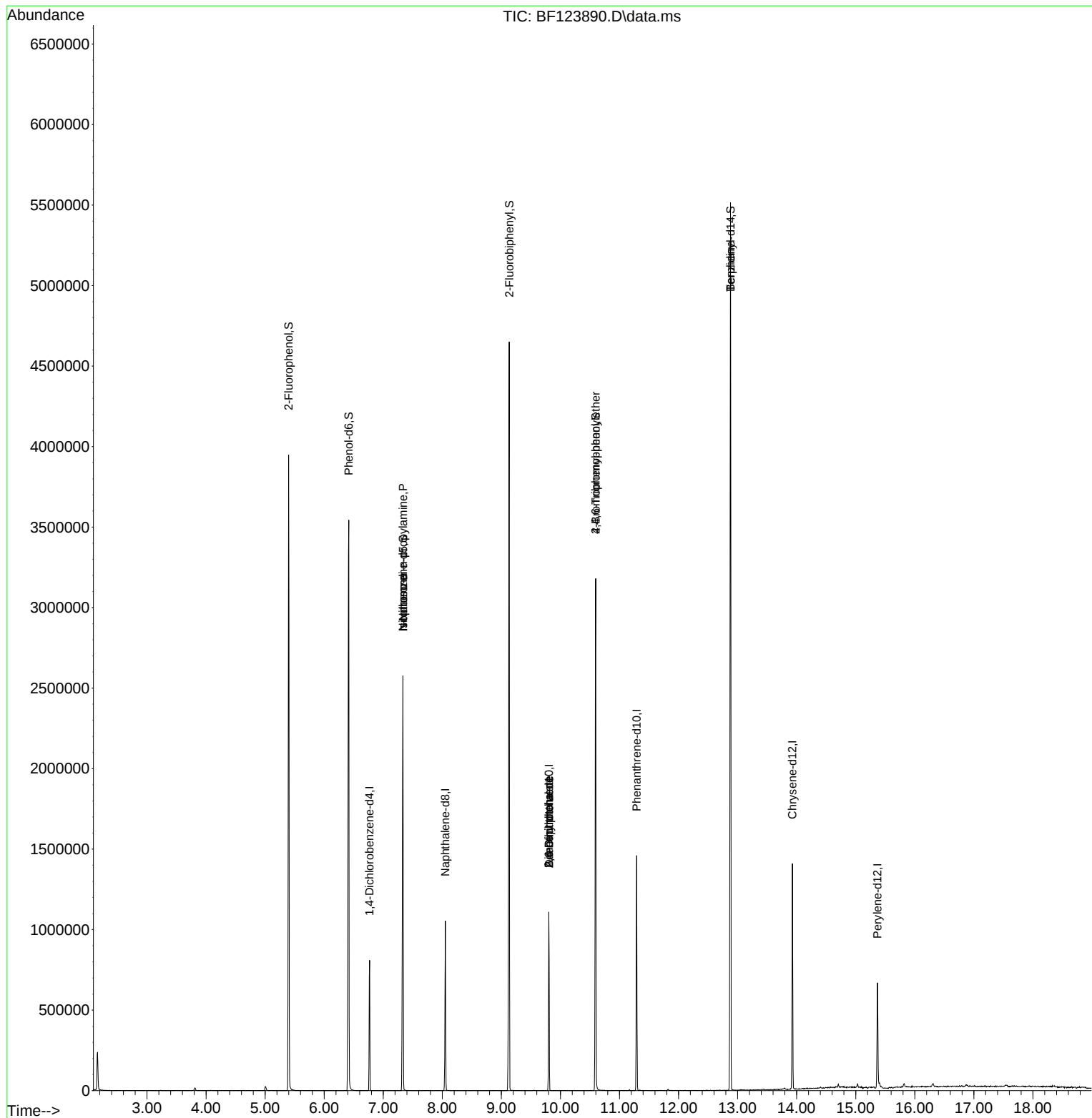
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	102340	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	390669	20.00	ng	0.00
39) Acenaphthene-d10	9.804	164	202809	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	475972	20.00	ng	# 0.00
76) Chrysene-d12	13.927	240	430708	20.00	ng	0.00
86) Perylene-d12	15.368	264	269217	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	848519	121.09	ng	0.00
7) Phenol-d6	6.416	99	1067152	114.10	ng	0.00
23) Nitrobenzene-d5	7.333	82	781416	83.03	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	367746	123.10	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1298119	79.88	ng	0.00
79) Terphenyl-d14	12.880	244	1923855	73.00	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	110604	19.31	ng	# 78
25) Isophorone	7.333	82	781405	48.25	ng	# 69
50) Dimethylphthalate	9.804	163	36230	2.35	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	25039	7.22	ng	# 11
57) 2,4-Dinitrotoluene	9.804	165	25039	5.24	ng	# 17
67) 4-Bromophenyl-phenylether	10.598	248	20590	4.04	ng	# 1
77) Benzidine	12.880	184	28218	3.13	ng	96
87) Indeno(1,2,3-cd)pyrene	16.786	276	443	Below	Cal	# 29

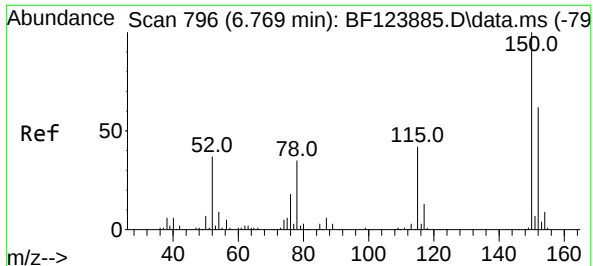
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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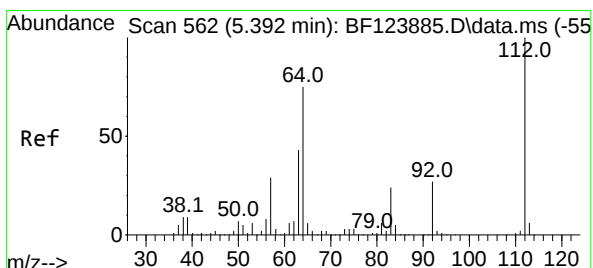
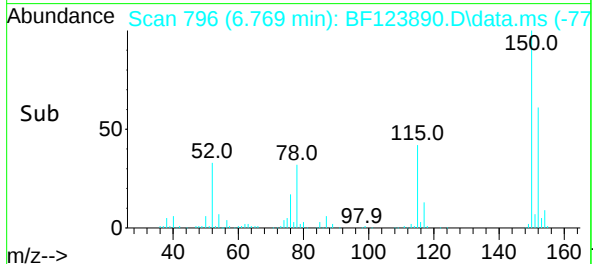
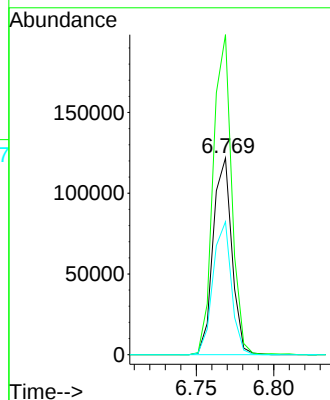
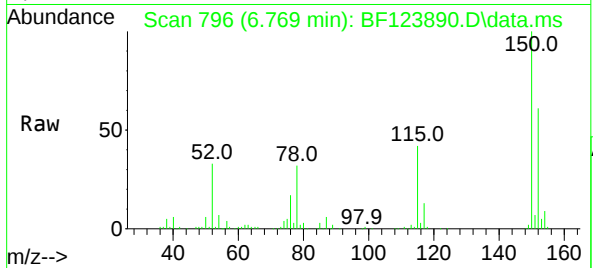




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

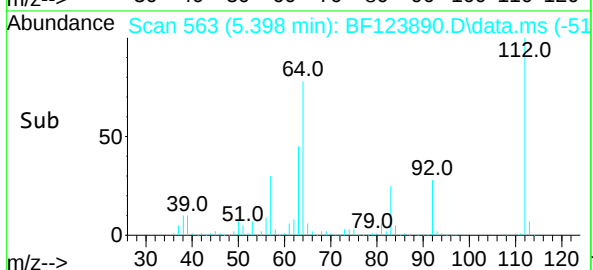
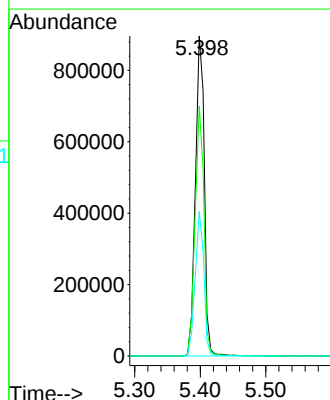
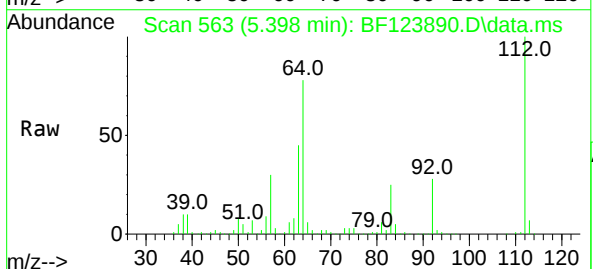
Instrument :
BNA_F
ClientSampleId :
PB136256BL

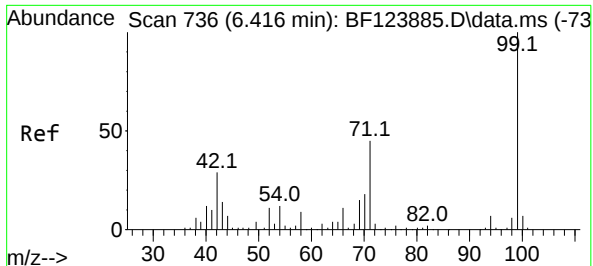
Tgt Ion:152 Resp: 102340
Ion Ratio Lower Upper
152 100
150 162.8 127.0 190.6
115 67.6 54.3 81.5



#5
2-Fluorophenol
Concen: 121.09 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

Tgt Ion:112 Resp: 848519
Ion Ratio Lower Upper
112 100
64 78.1 61.4 92.0
63 45.1 33.0 49.4

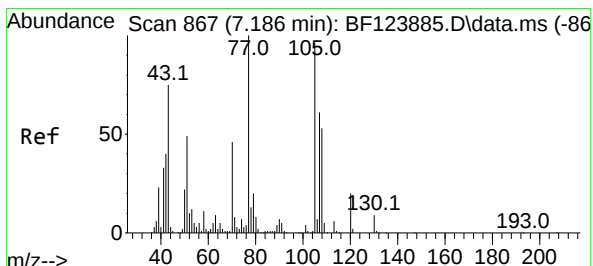
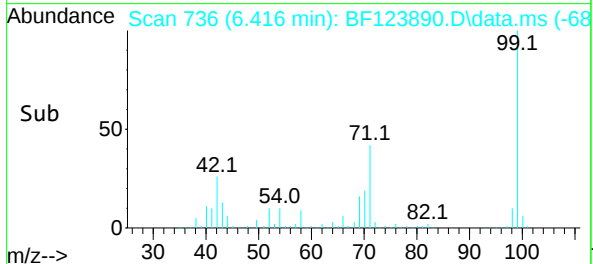
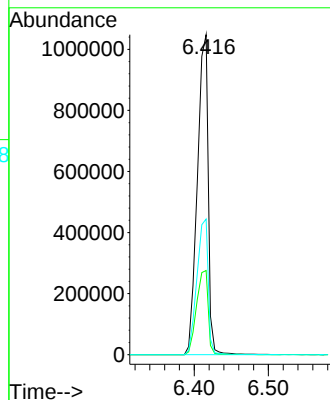
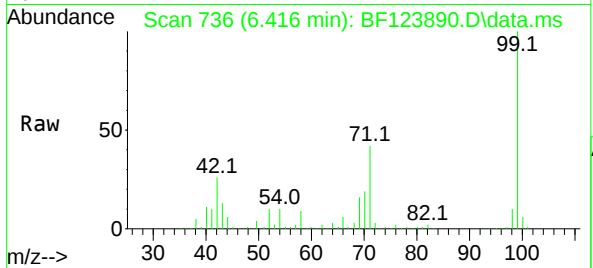




#7
Phenol-d6
Concen: 114.10 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

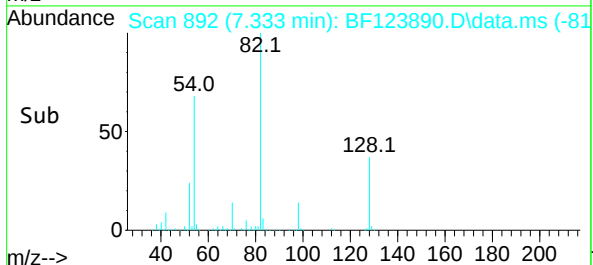
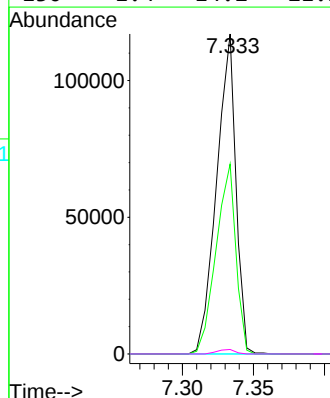
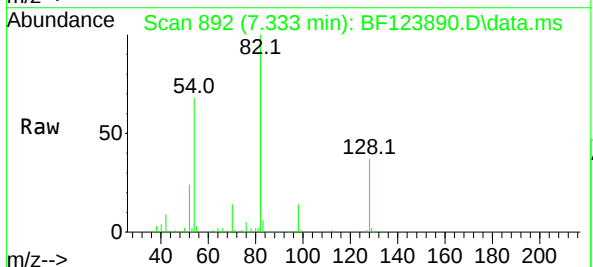
Instrument :
BNA_F
ClientSampleId :
PB136256BL

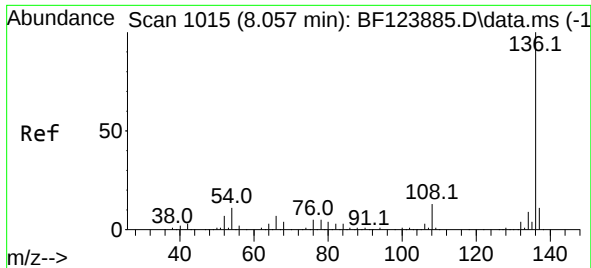
Tgt Ion: 99 Resp: 1067152
Ion Ratio Lower Upper
99 100
42 26.3 19.8 29.8
71 42.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.31 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

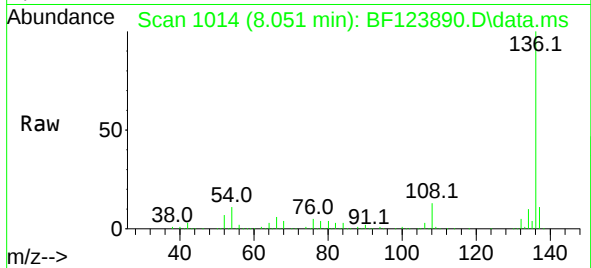
Tgt Ion: 70 Resp: 110604
Ion Ratio Lower Upper
70 100
42 59.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#



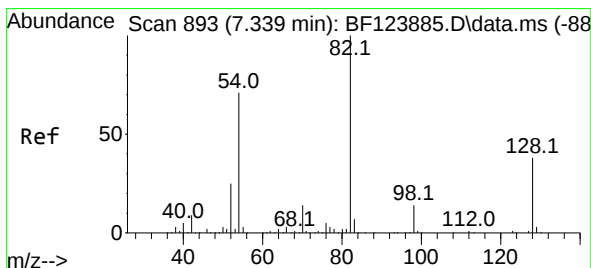
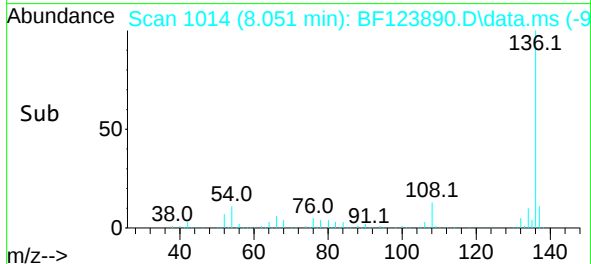
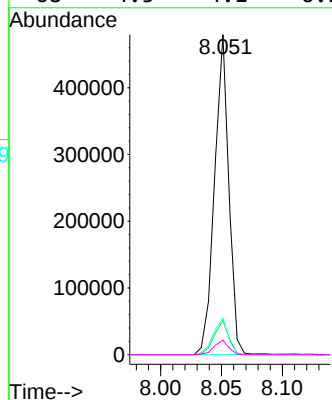


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

Instrument :
BNA_F
ClientSampleId :
PB136256BL

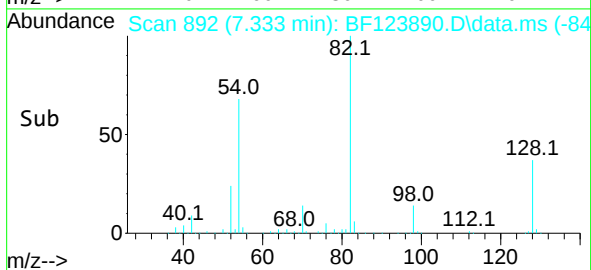
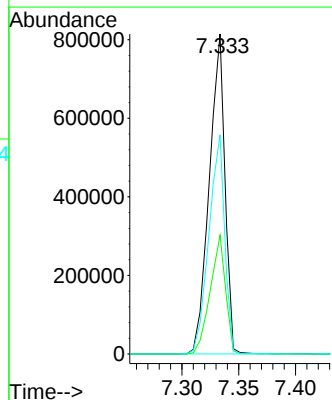
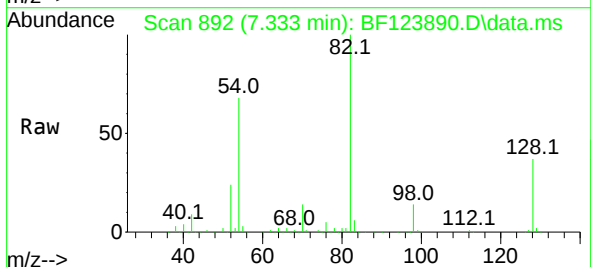


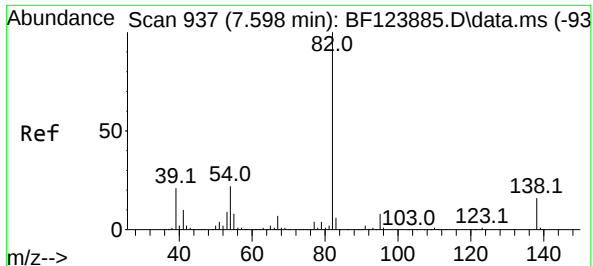
Tgt Ion:136 Resp: 390669
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 11.3 9.8 14.6
68 4.5 4.1 6.1



#23
Nitrobenzene-d5
Concen: 83.03 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

Tgt Ion: 82 Resp: 781416
Ion Ratio Lower Upper
82 100
128 37.1 29.4 44.2
54 68.5 54.1 81.1

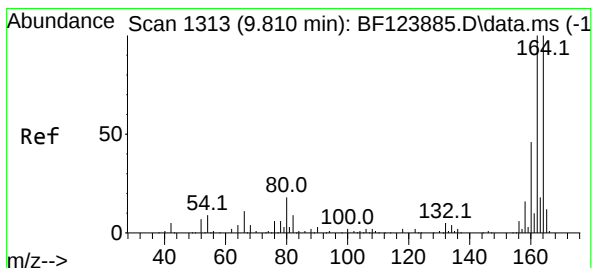
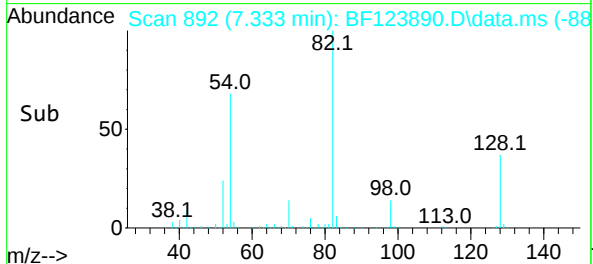
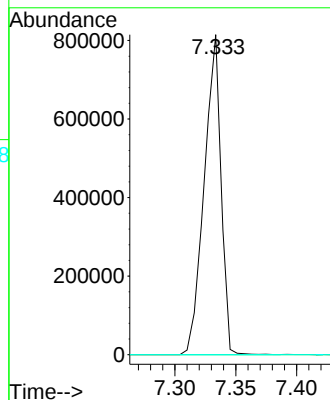
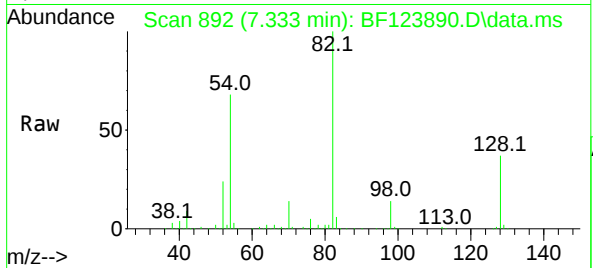




#25
Isophorone
Concen: 48.25 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

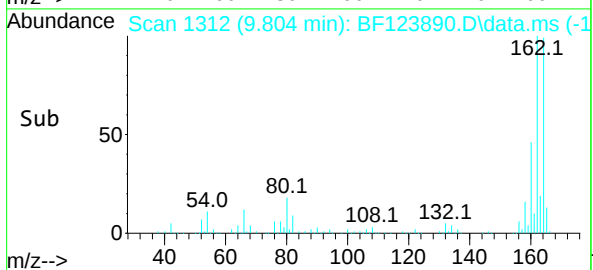
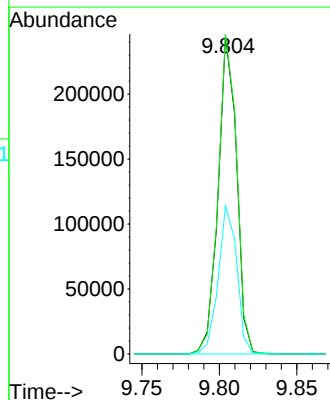
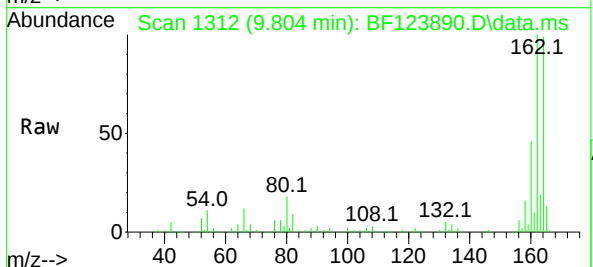
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ClientSampleId :
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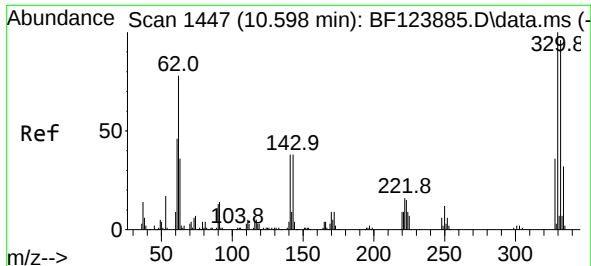
Tgt Ion: 82 Resp: 781405
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

Tgt Ion: 164 Resp: 202809
Ion Ratio Lower Upper
164 100
162 100.6 80.7 121.1
160 46.5 37.3 55.9

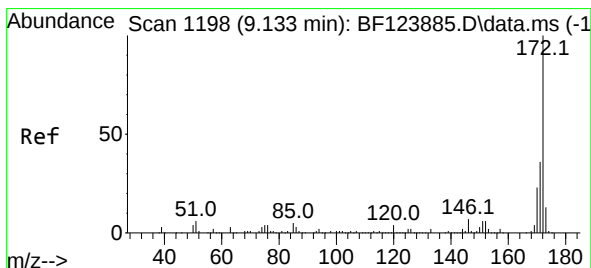
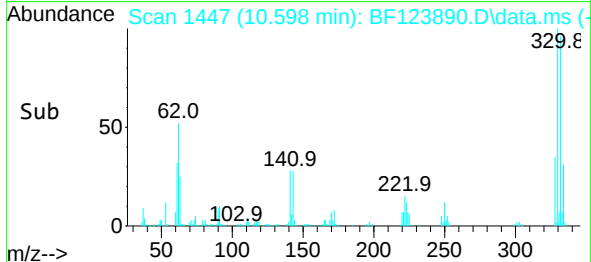
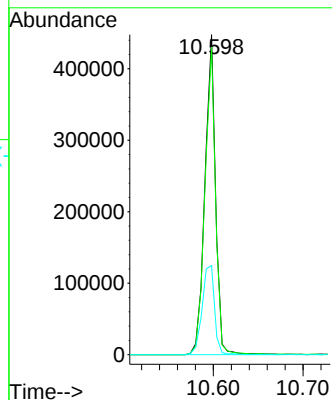
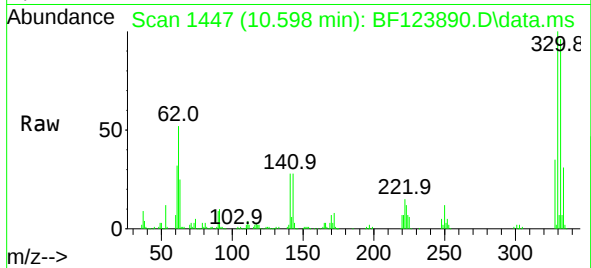




#42
2,4,6-Tribromophenol
Concen: 123.10 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

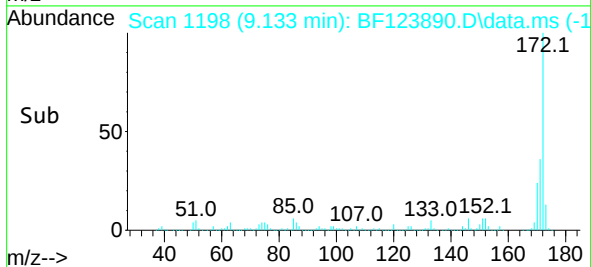
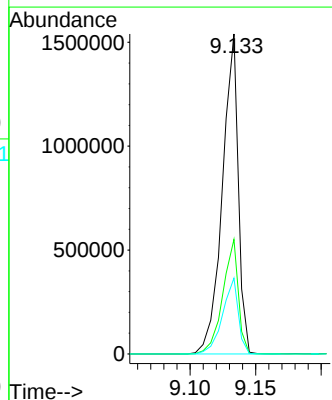
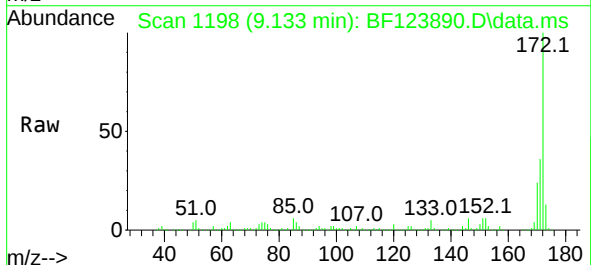
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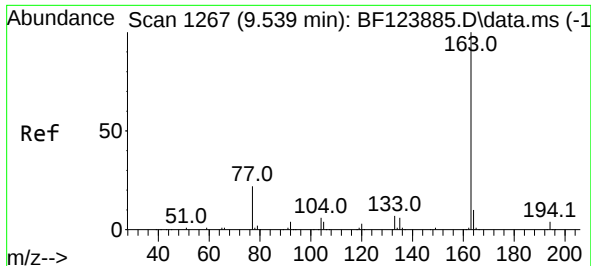
Tgt Ion:330 Resp: 367746
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 32.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 79.88 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

Tgt Ion:172 Resp: 1298119
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.7 19.2 28.8

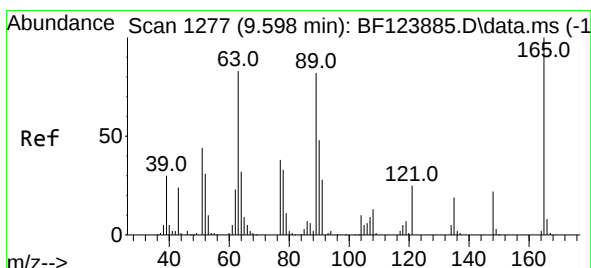
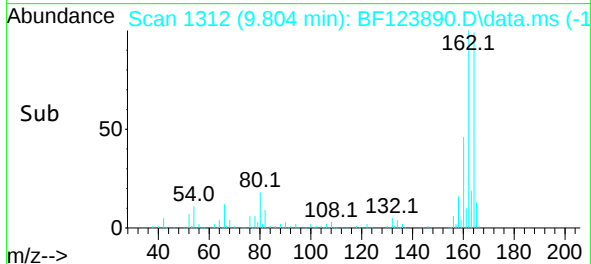
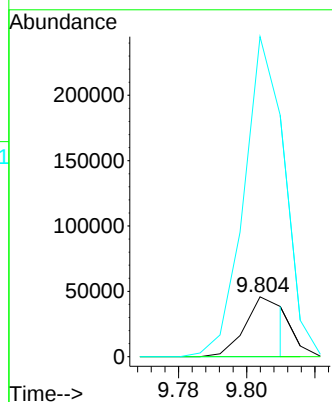
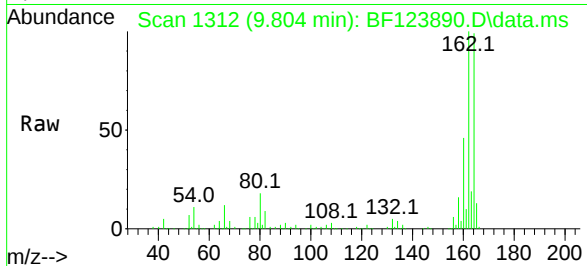




#50
Dimethylphthalate
Concen: 2.35 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.265 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

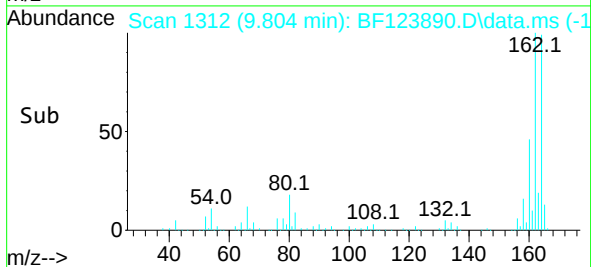
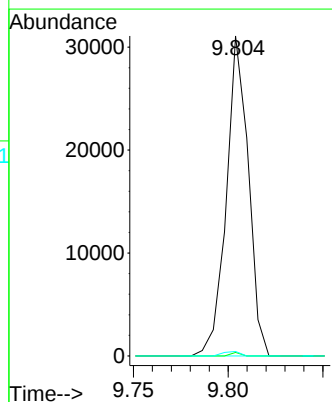
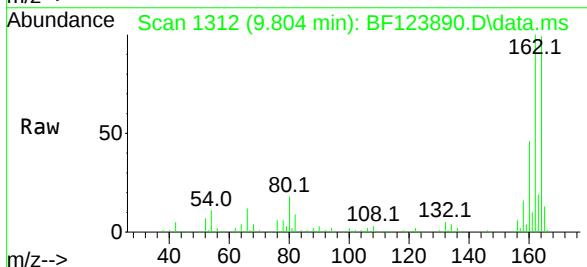
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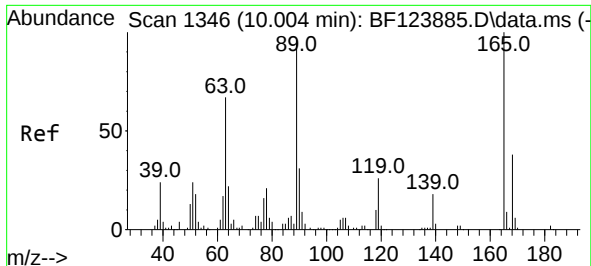
Tgt Ion:163 Resp: 36230
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 534.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.22 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.206 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

Tgt Ion:165 Resp: 25039
Ion Ratio Lower Upper
165 100
63 1.1 67.7 101.5#
89 1.4 58.8 88.2#

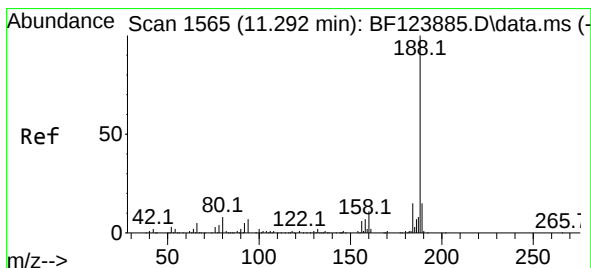
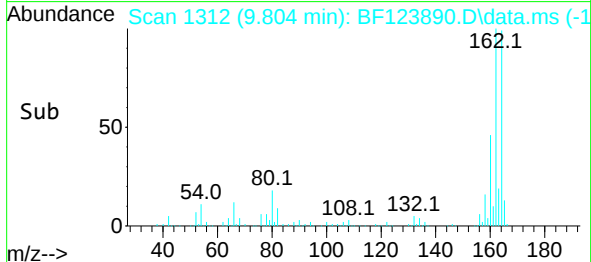
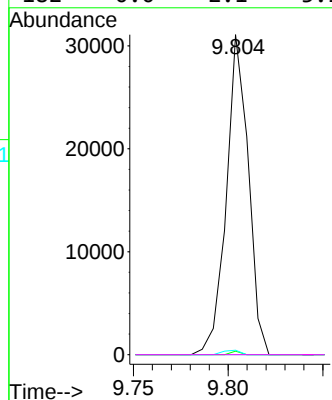
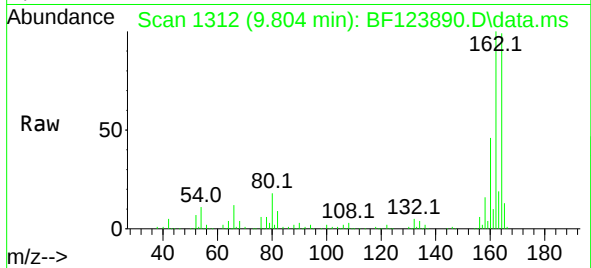




#57
2,4-Dinitrotoluene
Concen: 5.24 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.200 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

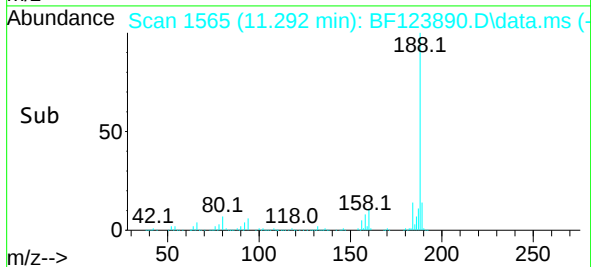
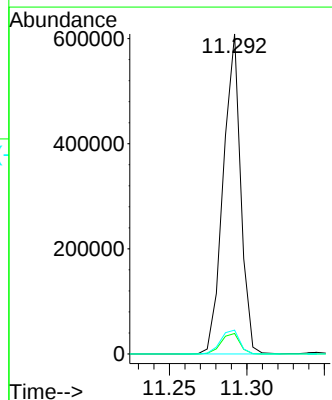
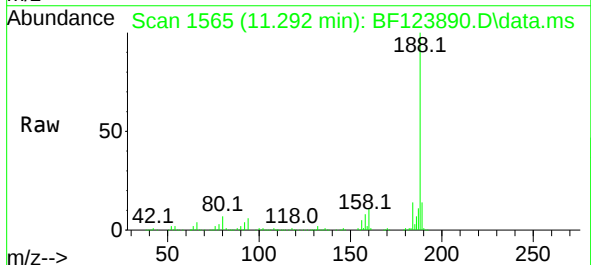
Instrument :
BNA_F
ClientSampleId :
PB136256BL

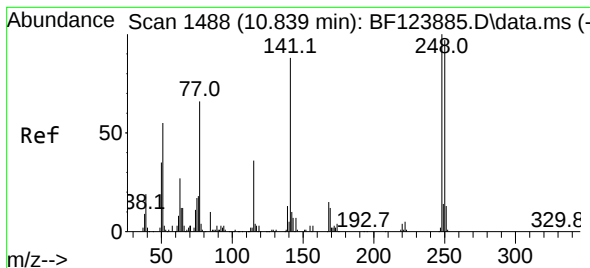
Tgt Ion:165	Resp:	25039
Ion Ratio	Lower	Upper
165	100	
63	1.1	43.5 65.3#
89	1.4	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

Tgt Ion:188	Resp:	475972
Ion Ratio	Lower	Upper
188	100	
94	6.4	6.9 10.3#
80	7.4	8.2 12.2#

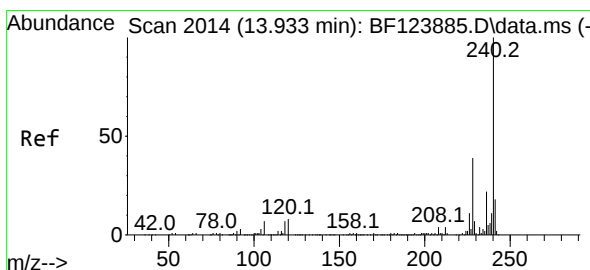
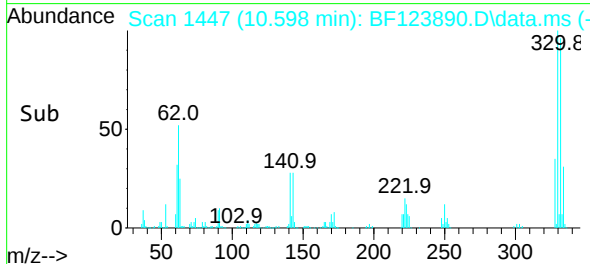
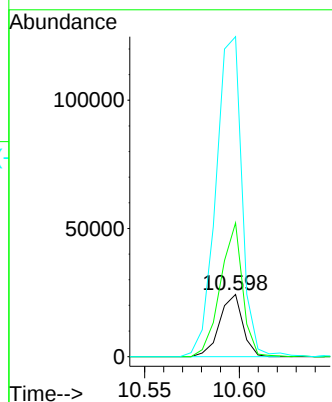
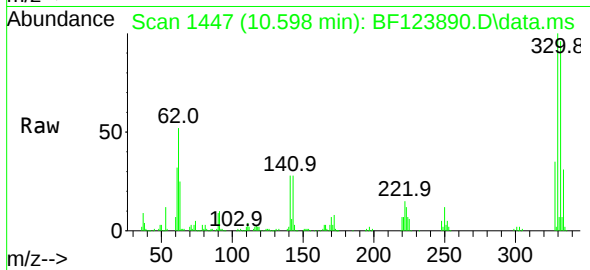




#67
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

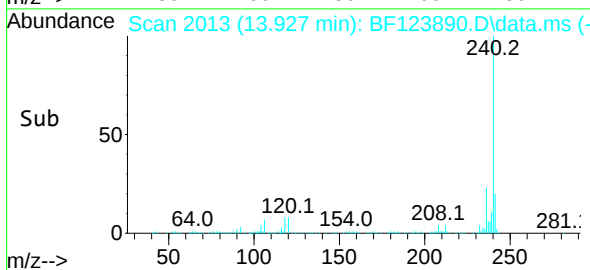
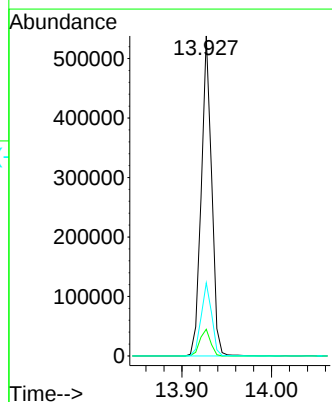
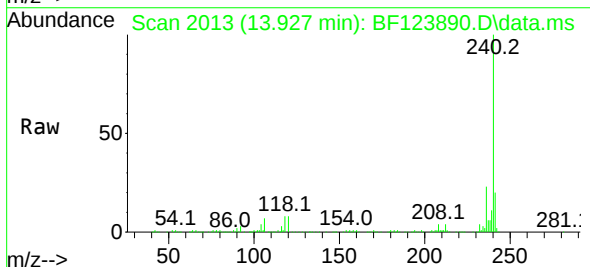
Instrument :
BNA_F
ClientSampleId :
PB136256BL

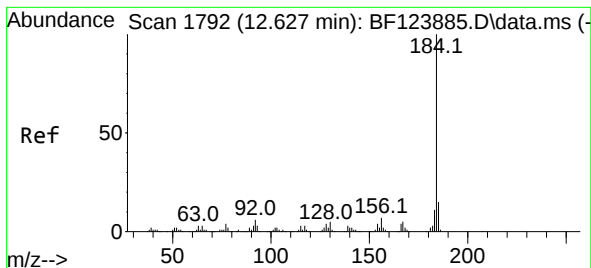
Tgt Ion:248 Resp: 20590
Ion Ratio Lower Upper
248 100
250 215.0 77.4 116.2#
141 514.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

Tgt Ion:240 Resp: 430708
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 22.9 19.0 28.4





#77

Benzidine

Concen: 3.13 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.253 min

Lab File: BF123890.D

Acq: 10 May 2021 18:23

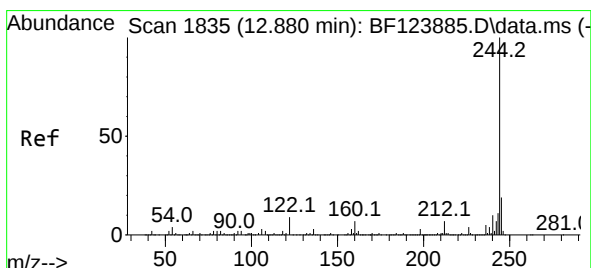
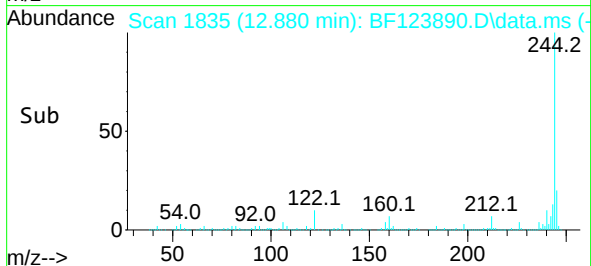
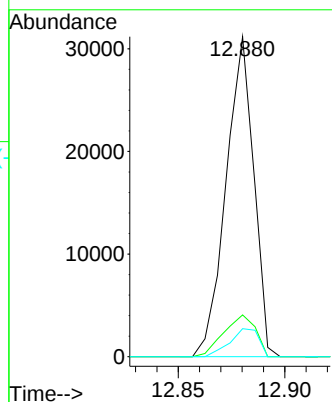
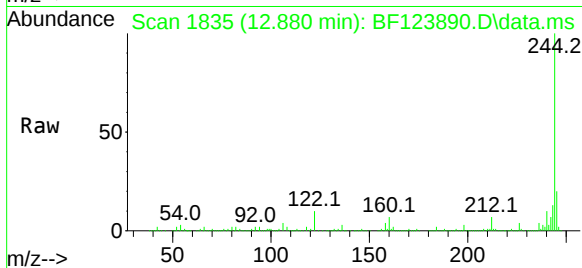
Tgt Ion:184 Resp: 28218

Ion Ratio Lower Upper

184 100

185 13.0 12.1 18.1

183 8.8 7.8 11.8



#79

Terphenyl-d14

Concen: 73.00 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BF123890.D

Acq: 10 May 2021 18:23

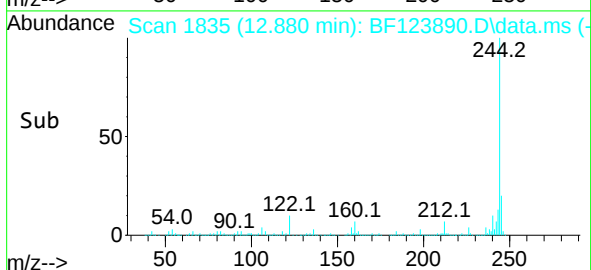
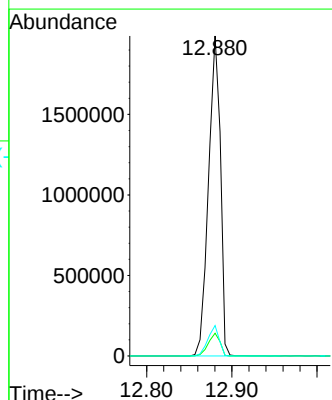
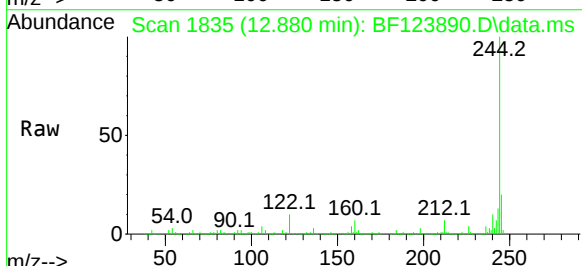
Tgt Ion:244 Resp: 1923855

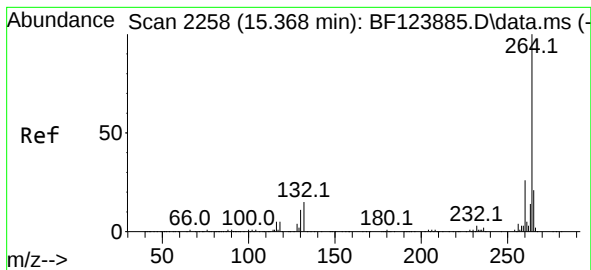
Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.5 9.7 14.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BF123890.D
Acq: 10 May 2021 18:23

Instrument :
BNA_F
ClientSampleId :
PB136256BL

Tgt Ion:264 Resp: 269217

Ion	Ratio	Lower	Upper
264	100		
260	21.5	18.7	28.1
265	21.6	17.8	26.8

