

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051421\
 Data File : BF123933.D
 Acq On : 14 May 2021 19:55
 Operator : JU/CG
 Sample : PB136395BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136395BL

Quant Time: May 15 00:33:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

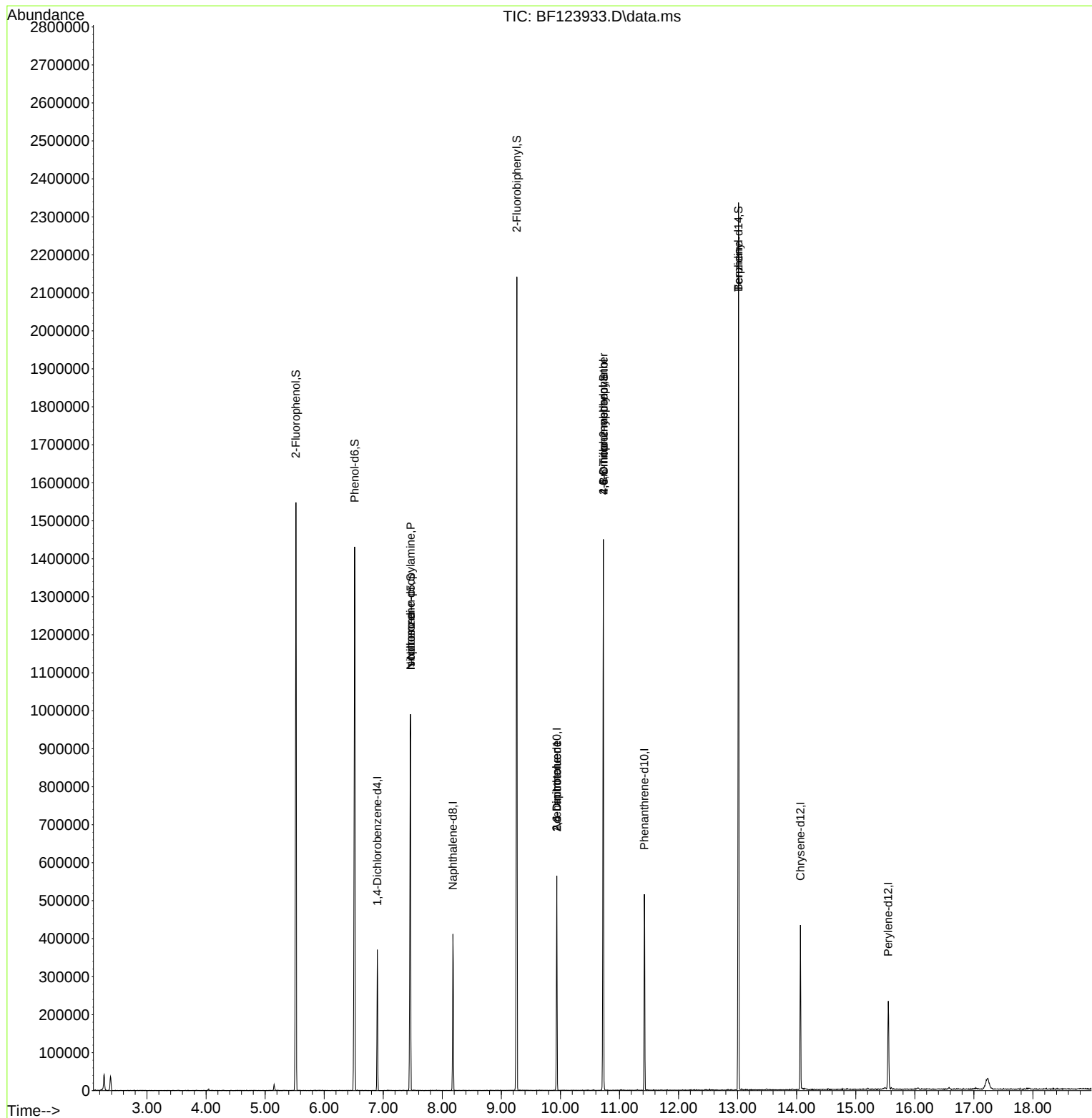
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	42353	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	166883	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	95237	20.00	ng	0.00
64) Phenanthrene-d10	11.421	188	171106	20.00	ng	0.00
76) Chrysene-d12	14.062	240	125962	20.00	ng	0.00
86) Perylene-d12	15.551	264	100525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	364893	120.97	ng	0.01
7) Phenol-d6	6.516	99	457783	116.99	ng	0.00
23) Nitrobenzene-d5	7.463	82	328553	84.83	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	140440	122.77	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	597146	77.16	ng	0.00
79) Terphenyl-d14	13.015	244	684480	82.30	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.463	70	46847	17.72	ng	# 78
25) Isophorone	7.463	82	328638	44.11	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	12404	8.07	ng	# 11
57) 2,4-Dinitrotoluene	9.939	165	12404	6.58	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.727	198	575	5.90	ng	# 4
67) 4-Bromophenyl-phenylether	10.727	248	9793	4.35	ng	# 1
77) Benzidine	13.015	184	11386	3.75	ng	# 92

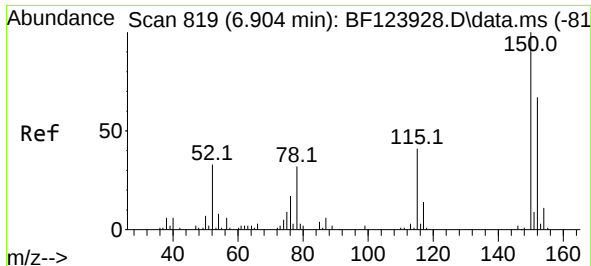
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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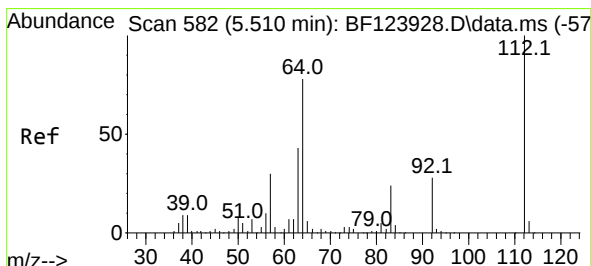
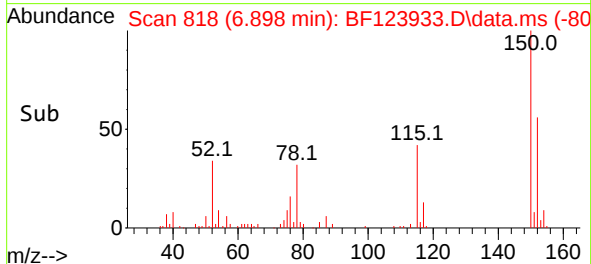
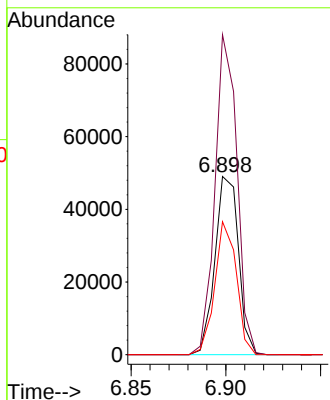
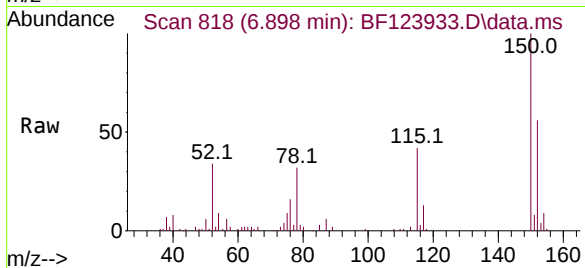




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

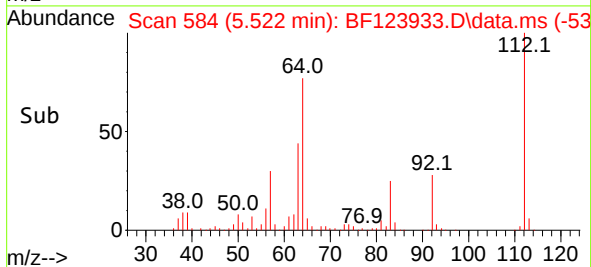
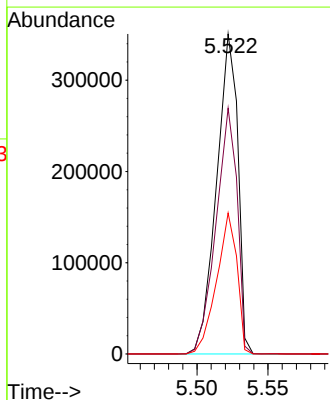
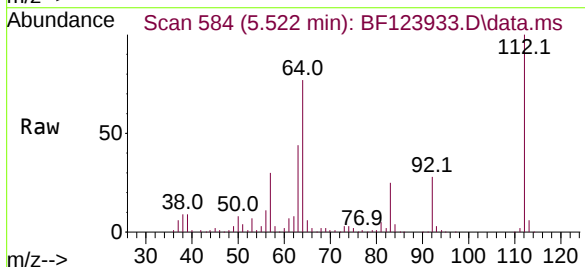
Instrument :
BNA_F
ClientSampleId :
PB136395BL

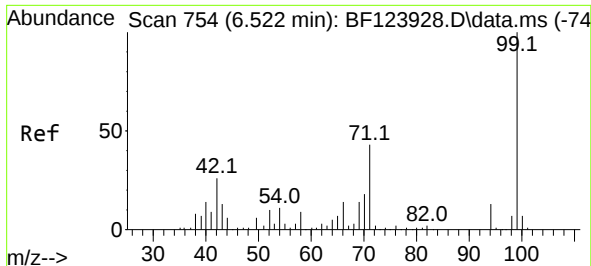
Tgt Ion:152 Resp: 42353
Ion Ratio Lower Upper
152 100
150 179.6 127.0 190.6
115 74.6 54.3 81.5



#5
2-Fluorophenol
Concen: 120.97 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

Tgt Ion:112 Resp: 364893
Ion Ratio Lower Upper
112 100
64 76.8 61.4 92.0
63 44.1 33.0 49.4

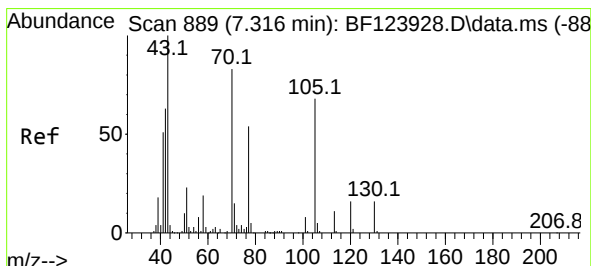
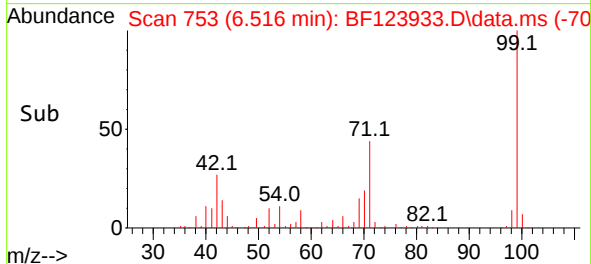
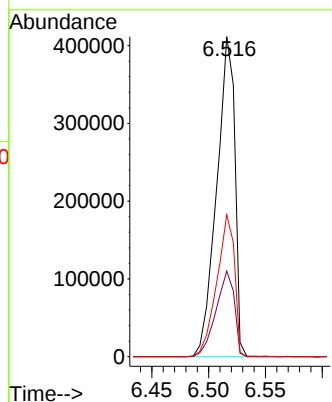
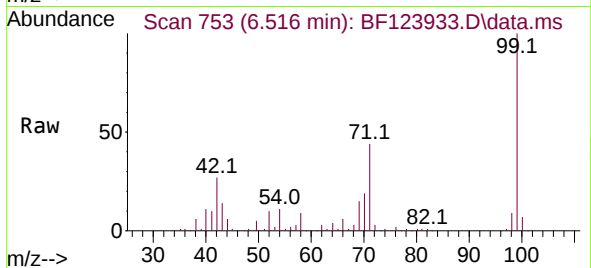




#7
Phenol-d6
Concen: 116.99 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

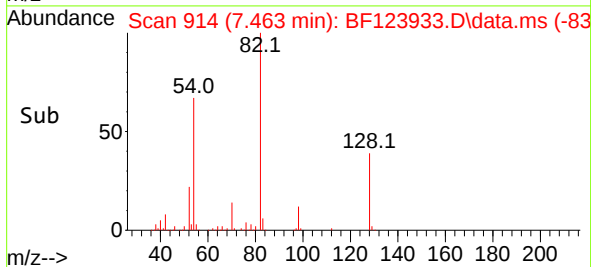
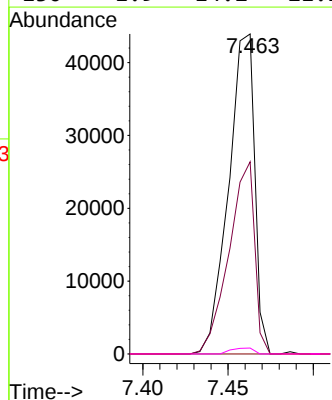
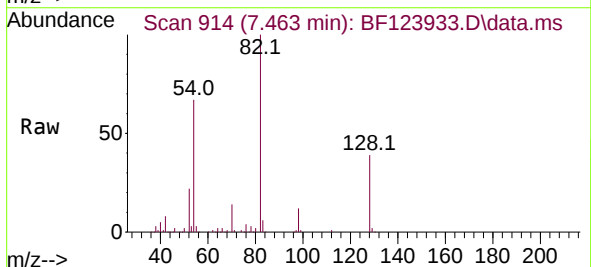
Instrument :
BNA_F
ClientSampleId :
PB136395BL

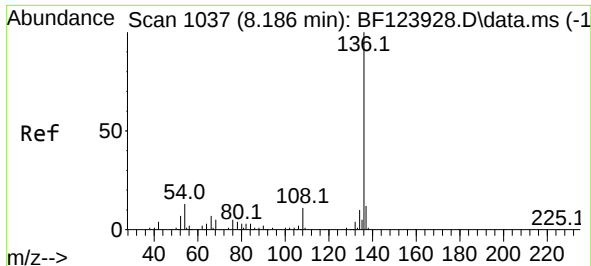
Tgt Ion: 99 Resp: 457783
Ion Ratio Lower Upper
99 100
42 26.7 19.8 29.8
71 44.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.72 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

Tgt Ion: 70 Resp: 46847
Ion Ratio Lower Upper
70 100
42 60.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#

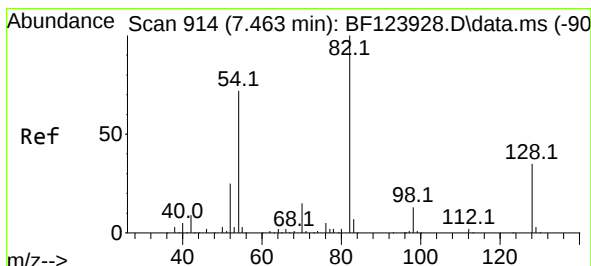
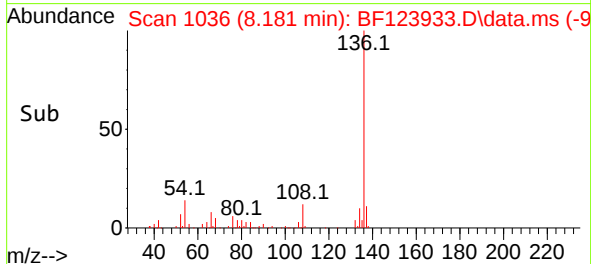
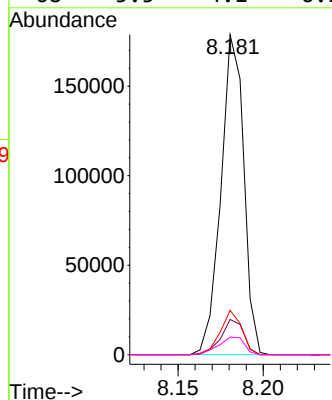
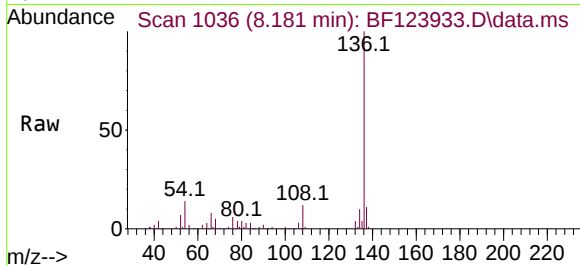




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.005 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

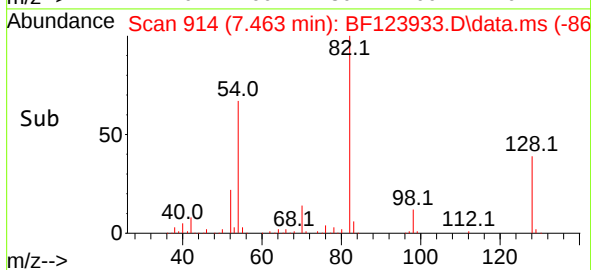
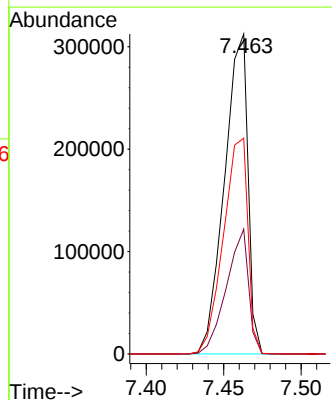
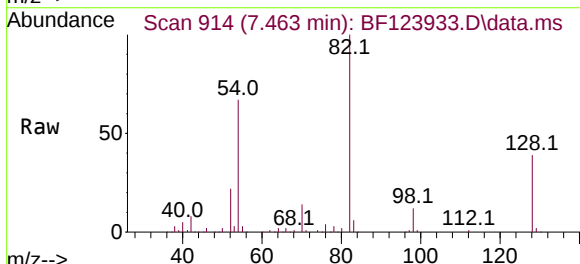
Instrument :
BNA_F
ClientSampleId :
PB136395BL

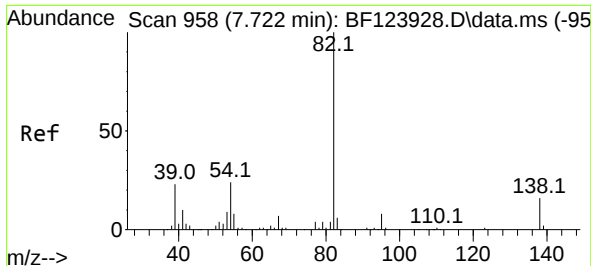
Tgt Ion:136	Resp: 166883
Ion Ratio	Lower Upper
136 100	
137 11.0	8.7 13.1
54 13.9	9.8 14.6
68 5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 84.83 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

Tgt Ion: 82	Resp: 328553
Ion Ratio	Lower Upper
82 100	
128 39.0	29.4 44.2
54 67.5	54.1 81.1

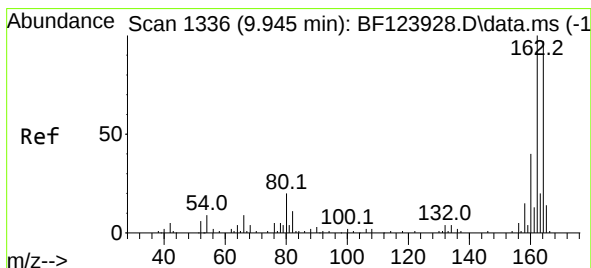
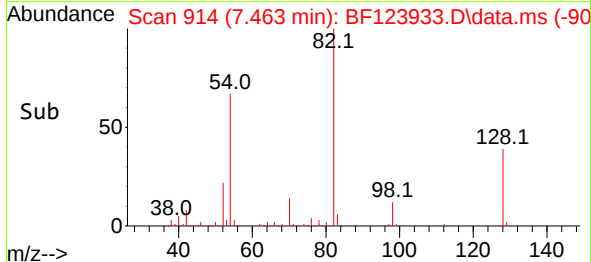
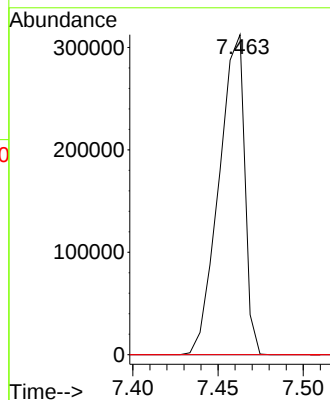
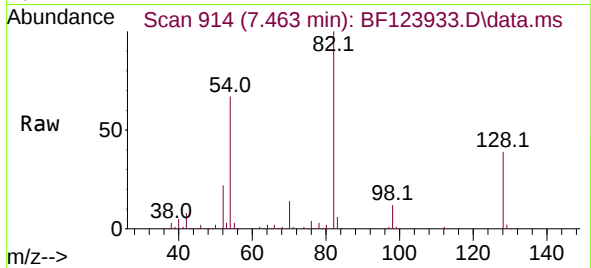




#25
Isophorone
Concen: 44.11 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

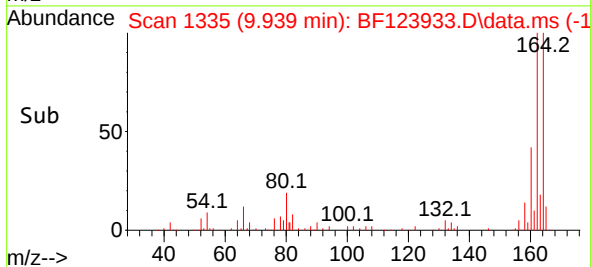
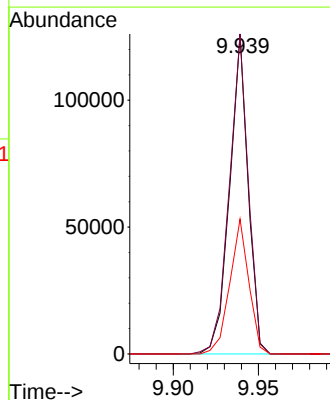
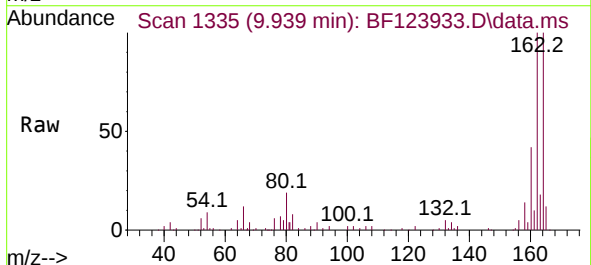
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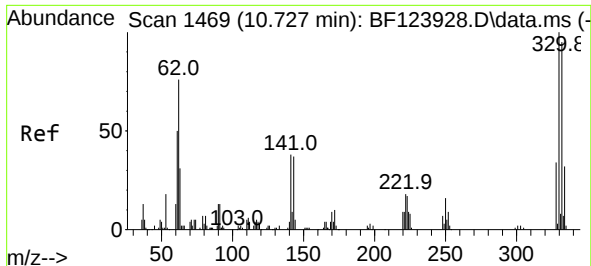
Tgt Ion: 82 Resp: 328638
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

Tgt Ion: 164 Resp: 95237
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 42.2 37.3 55.9

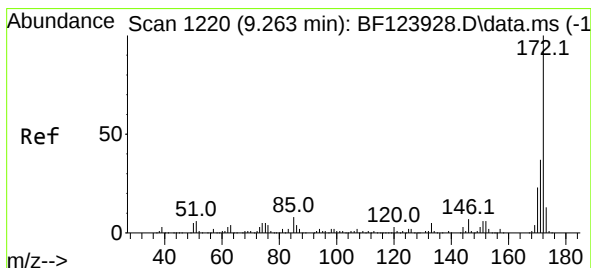
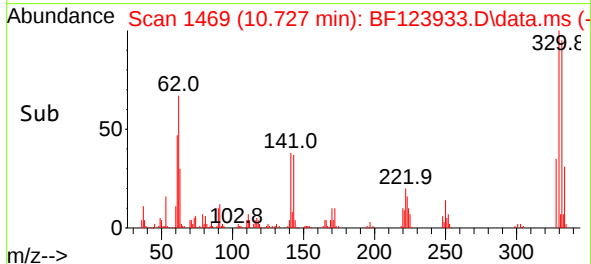
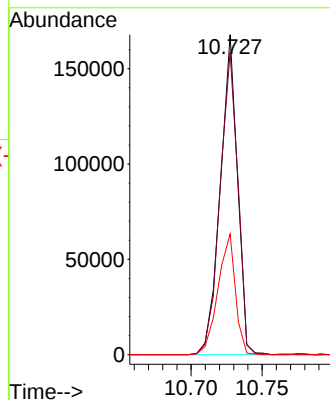
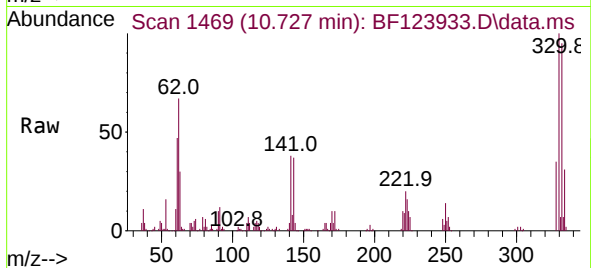




#42
2,4,6-Tribromophenol
Concen: 122.77 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

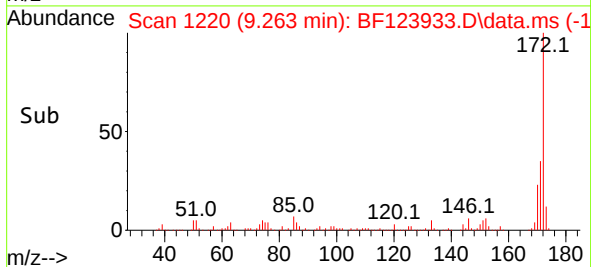
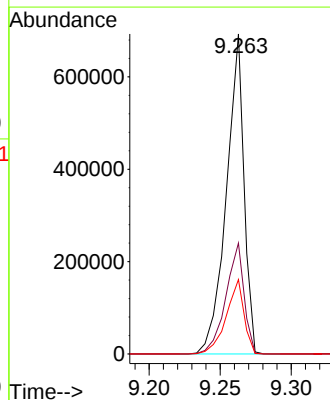
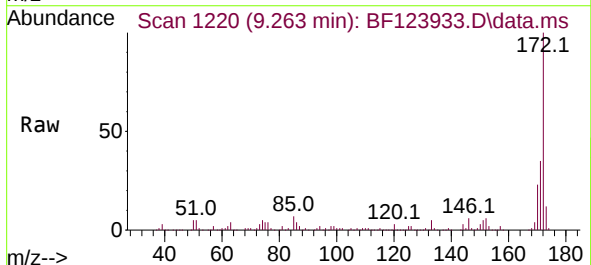
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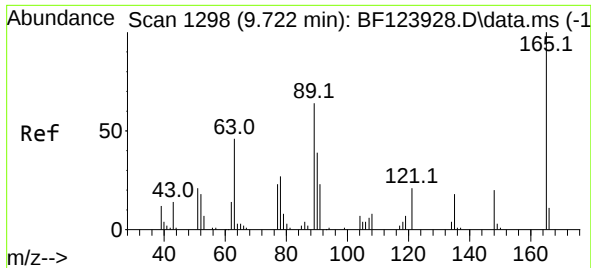
Tgt Ion:330 Resp: 140440
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 38.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 77.16 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

Tgt Ion:172 Resp: 597146
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.3 19.2 28.8

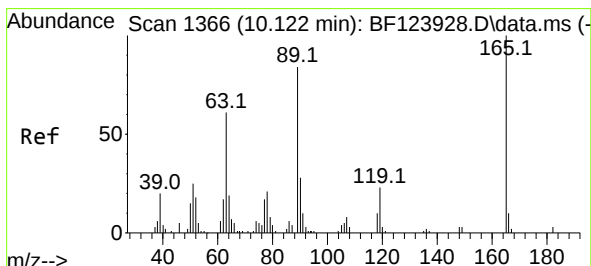
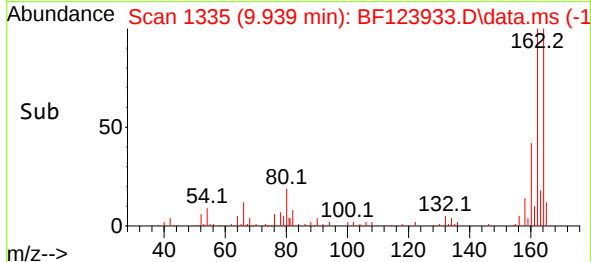
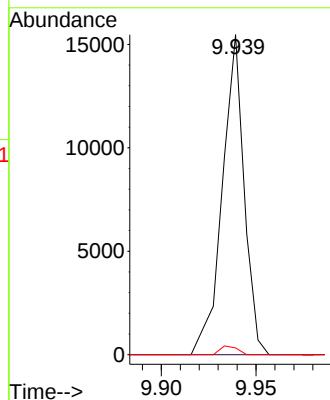
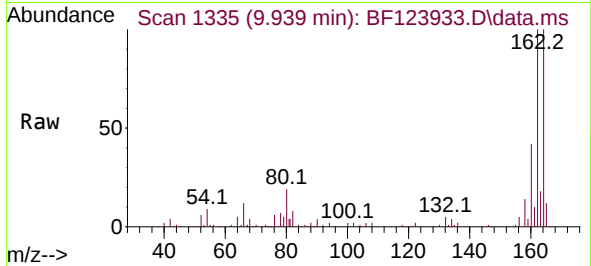




#51
2,6-Dinitrotoluene
Concen: 8.07 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

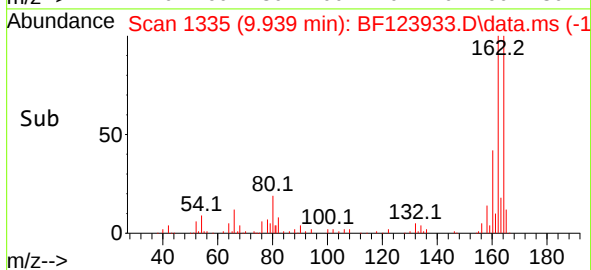
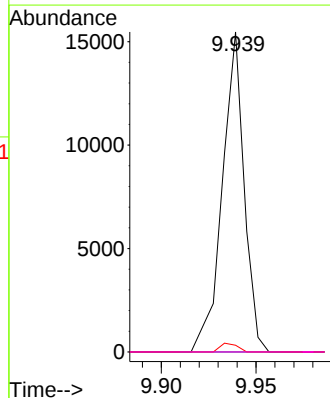
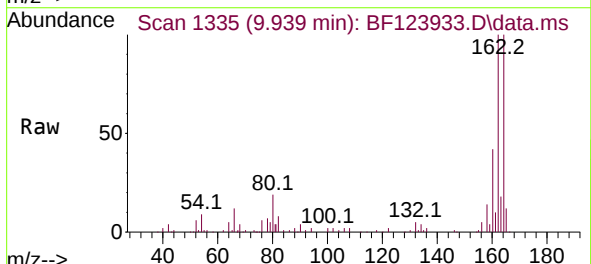
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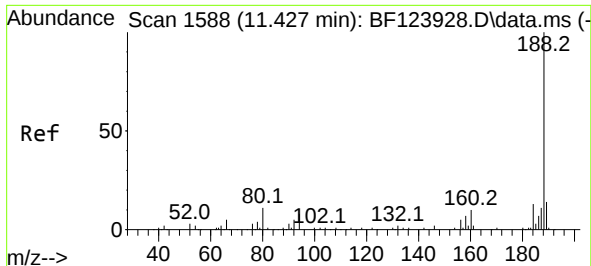
Tgt Ion:165 Resp: 12404
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.1 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.58 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

Tgt Ion:165 Resp: 12404
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.1 67.7 101.5#
182 0.0 2.1 3.1#

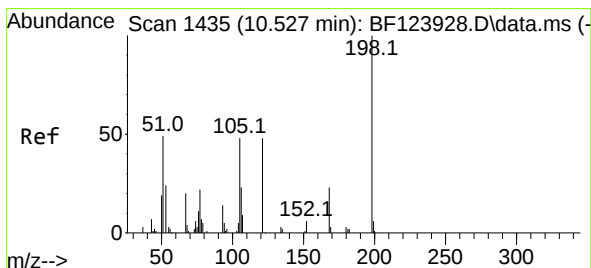
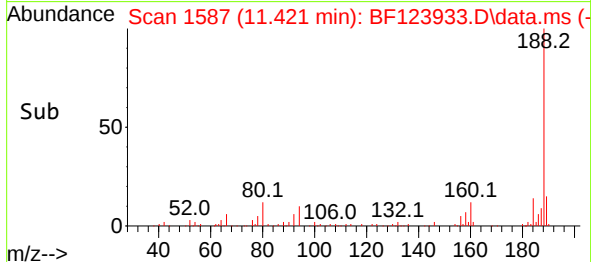
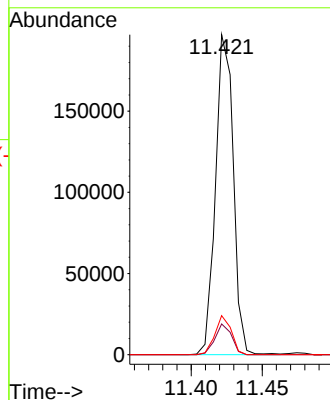
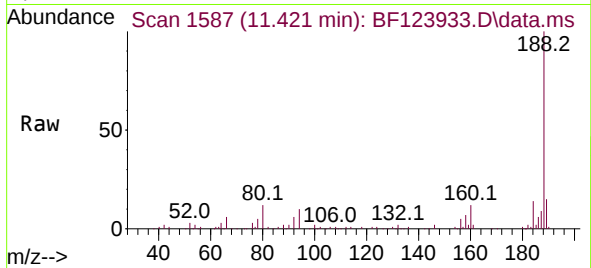




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

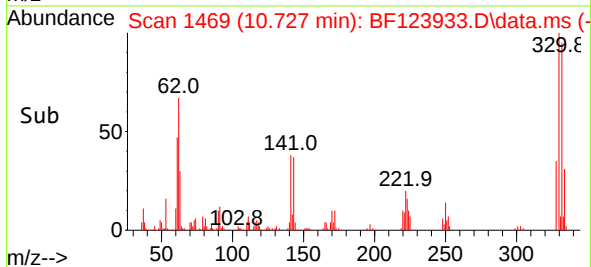
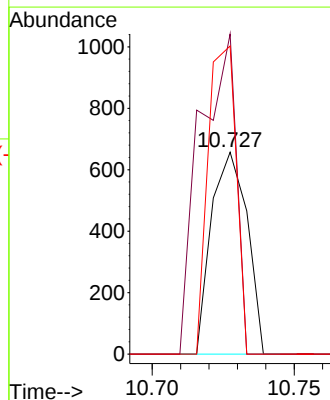
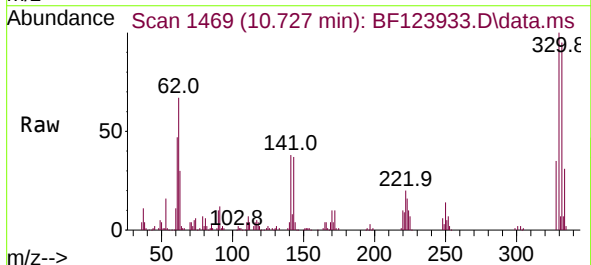
Instrument :
BNA_F
ClientSampleId :
PB136395BL

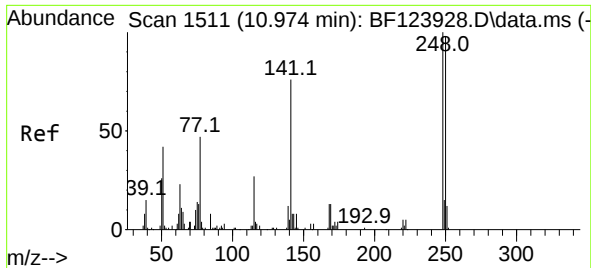
Tgt Ion:188 Resp: 171106
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 12.2 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.90 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

Tgt Ion:198 Resp: 575
Ion Ratio Lower Upper
198 100
51 158.6 64.8 104.8#
105 152.7 42.6 82.6#

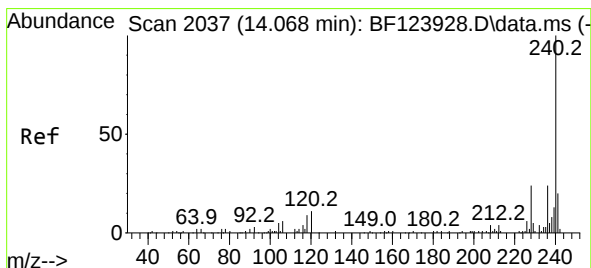
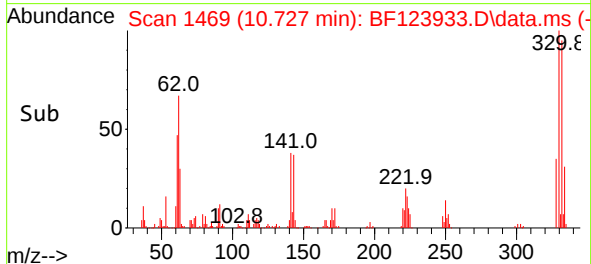
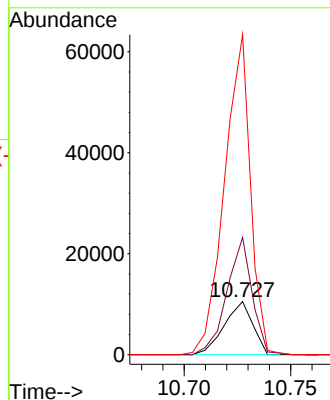
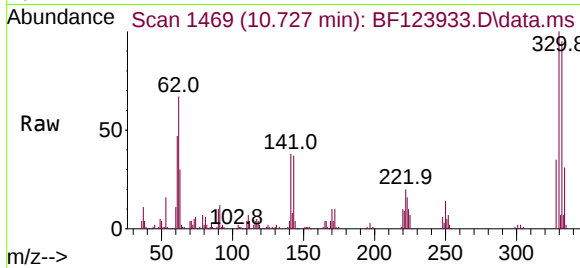




#67
4-Bromophenyl-phenylether
Concen: 4.35 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

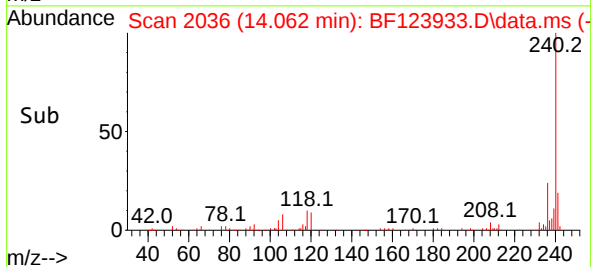
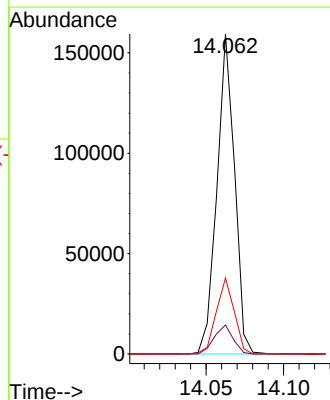
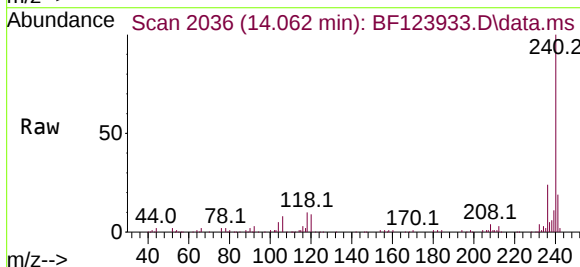
Instrument :
BNA_F
ClientSampleId :
PB136395BL

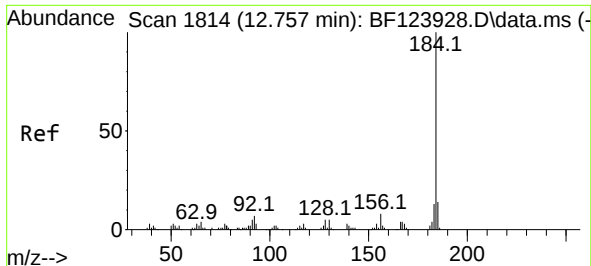
Tgt Ion:248 Resp: 9793
Ion Ratio Lower Upper
248 100
250 220.6 77.4 116.2#
141 601.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

Tgt Ion:240 Resp: 125962
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 23.7 19.0 28.4

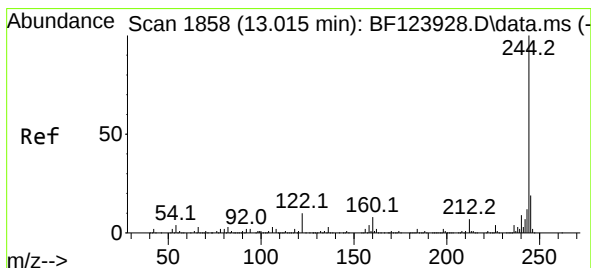
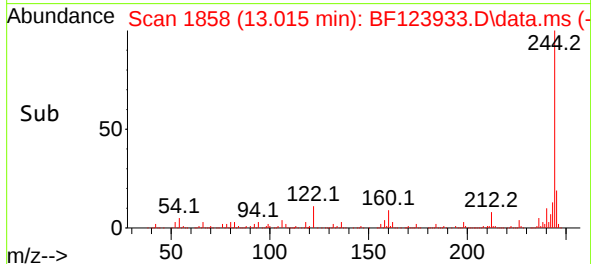
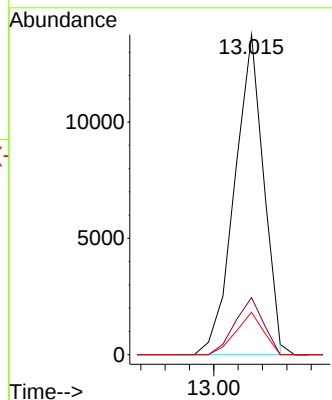
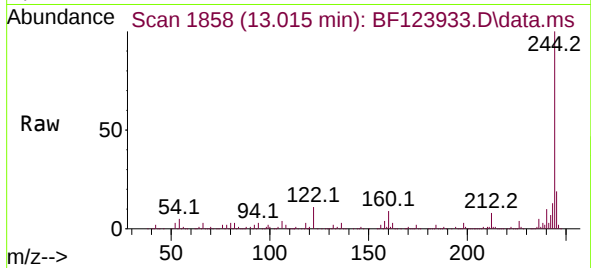




#77
Benzidine
Concen: 3.75 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

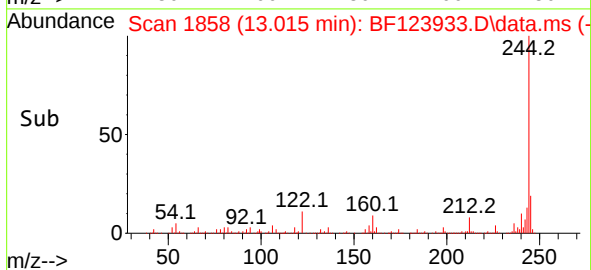
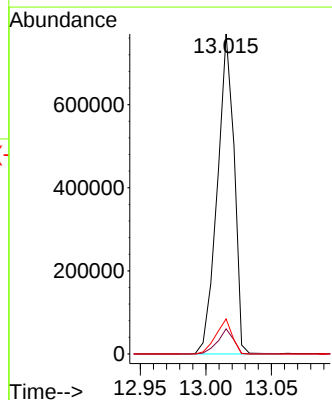
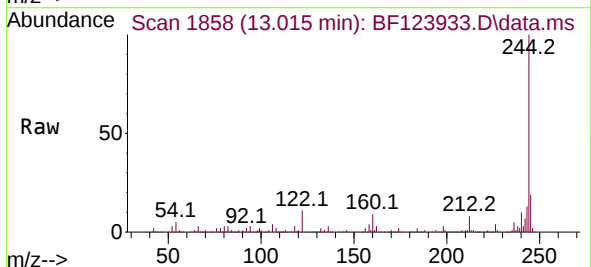
Instrument :
BNA_F
ClientSampleId :
PB136395BL

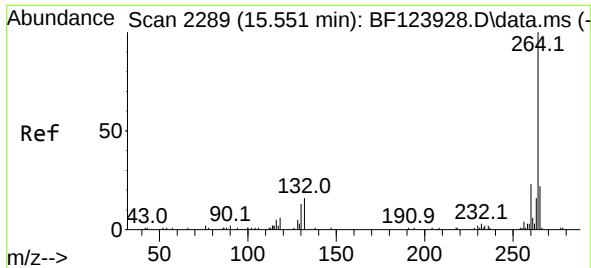
Tgt Ion:184 Resp: 11386
Ion Ratio Lower Upper
184 100
185 17.8 12.1 18.1
183 13.2 7.8 11.8#



#79
Terphenyl-d14
Concen: 82.30 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123933.D
Acq: 14 May 2021 19:55

Tgt Ion:244 Resp: 684480
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 11.0 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.000 min
 Lab File: BF123933.D
 Acq: 14 May 2021 19:55

Instrument :
 BNA_F
 ClientSampleId :
 PB136395BL

Tgt Ion:264	Resp:	100525
Ion Ratio	Lower	Upper
264	100	
260	22.6	18.7 28.1
265	21.8	17.8 26.8

