

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123129.D
 Acq On : 5 Feb 2021 11:11
 Operator : JU/CG
 Sample : PB134458TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134458TB

Quant Time: Feb 05 12:04:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

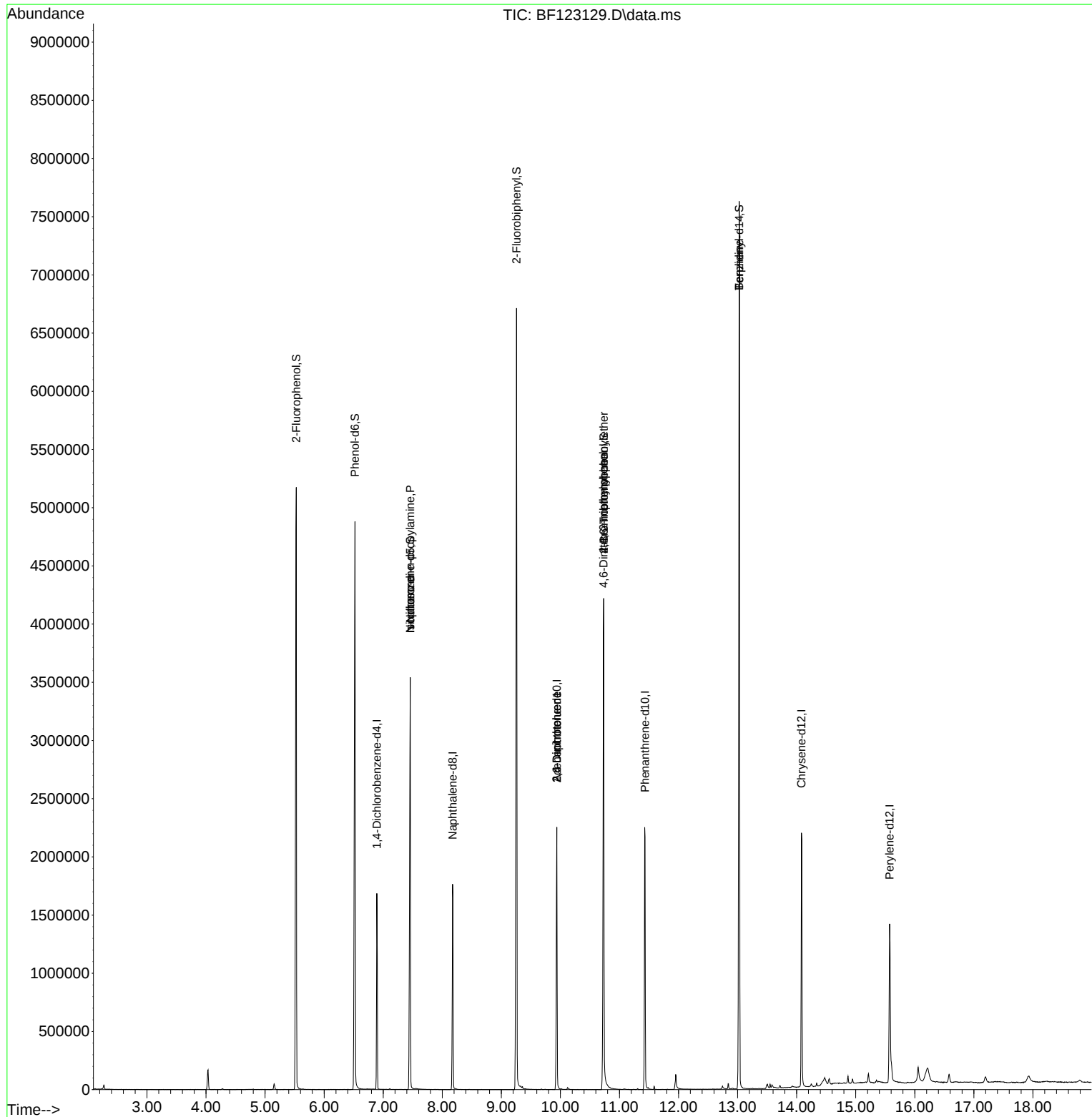
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	234860	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	908414	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	489326	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	914758	20.00	ng	0.00
76) Chrysene-d12	14.080	240	846467	20.00	ng	0.00
86) Perylene-d12	15.574	264	723423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1632919	107.25	ng	0.02
7) Phenol-d6	6.522	99	2056427	99.65	ng	0.00
23) Nitrobenzene-d5	7.457	82	1329618	73.66	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	660373	124.32	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2405265	73.07	ng	0.00
79) Terphenyl-d14	13.027	244	2945401	68.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	180671	14.56	ng	# 79
25) Isophorone	7.457	82	1326793	40.13	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	63027	7.71	ng	# 31
57) 2,4-Dinitrotoluene	9.939	165	63027	5.93	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.728	198	1268	5.20	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	43668	3.75	ng	# 1
77) Benzidine	13.027	184	39281	2.05	ng	94

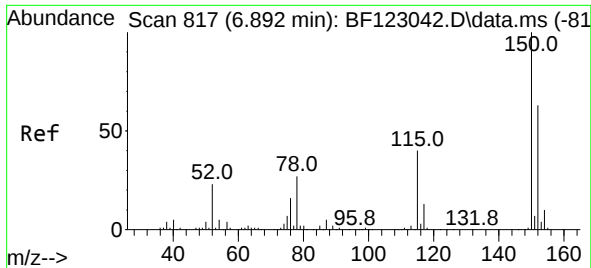
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

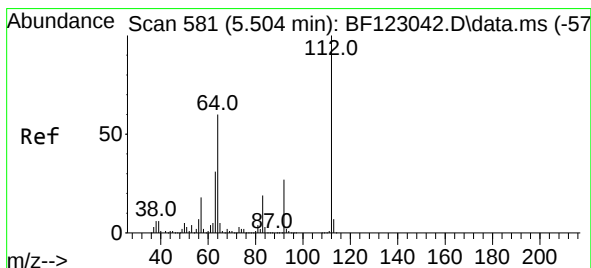
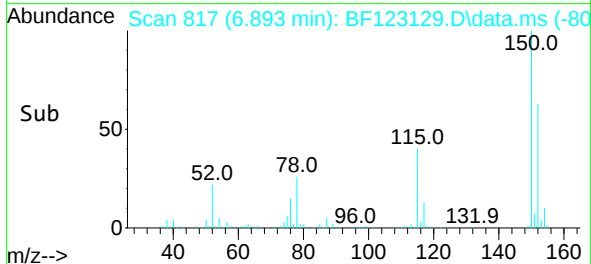
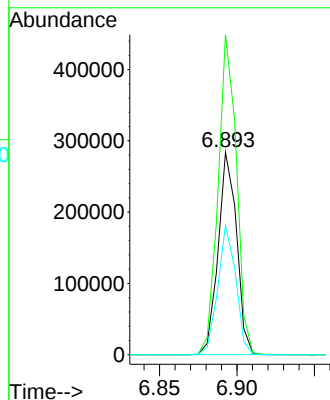
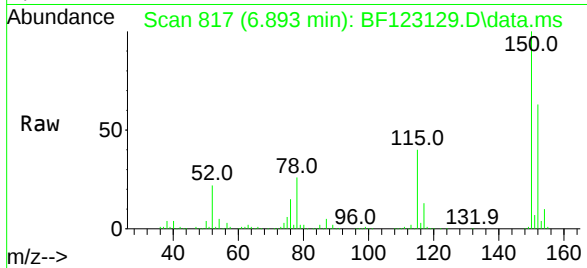




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.001 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

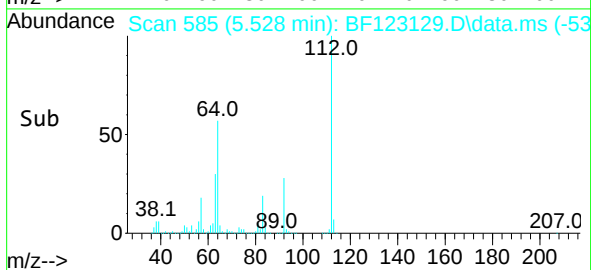
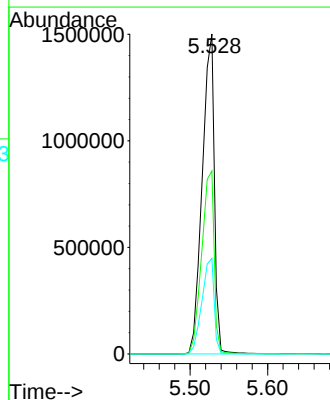
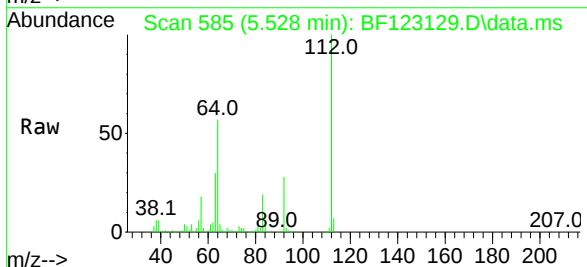
Instrument :
BNA_F
ClientSampleId :
PB134458TB

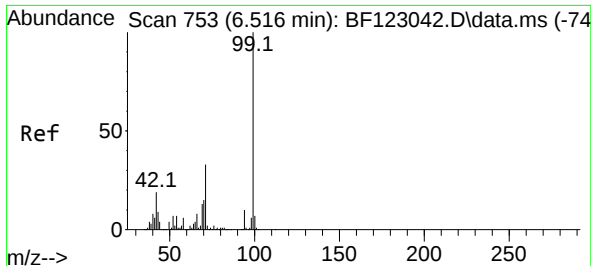
Tgt Ion:152 Resp: 234860
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 63.9 49.3 73.9



#5
2-Fluorophenol
Concen: 107.25 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.024 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion:112 Resp: 1632919
Ion Ratio Lower Upper
112 100
64 57.2 46.9 70.3
63 29.9 24.5 36.7



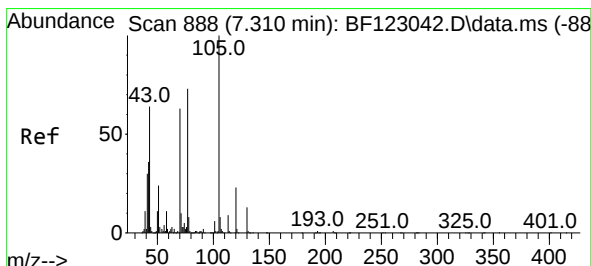
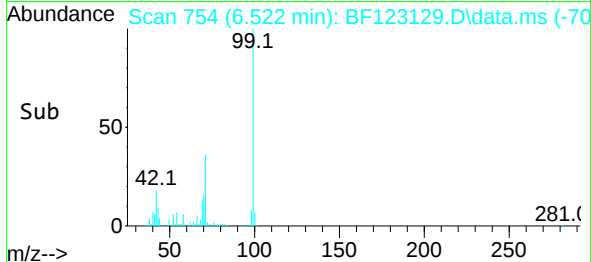
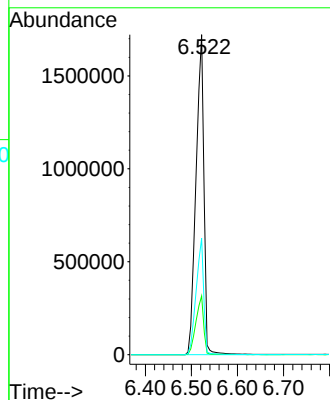
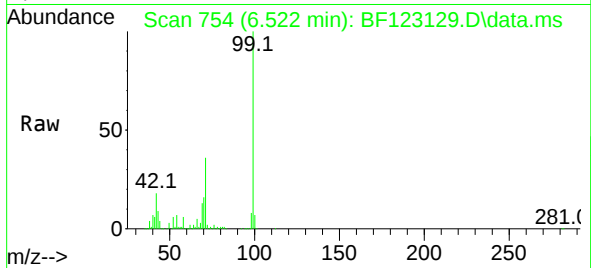


#7
Phenol-d6
Concen: 99.65 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Instrument :
BNA_F
ClientSampleId :
PB134458TB

Tgt Ion: 99 Resp: 2056427

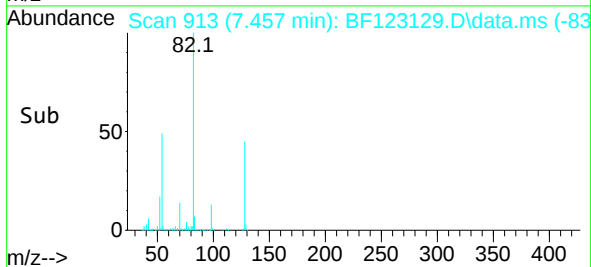
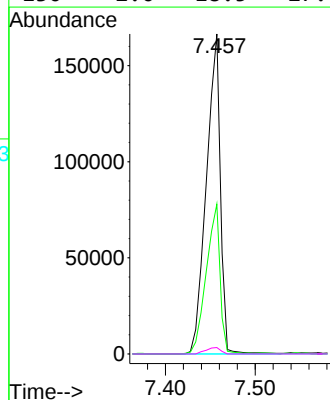
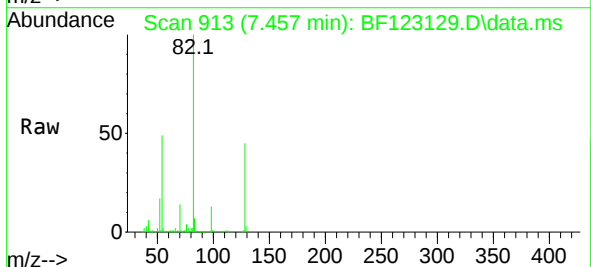
Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.8	20.6
71	36.4	26.9	40.3

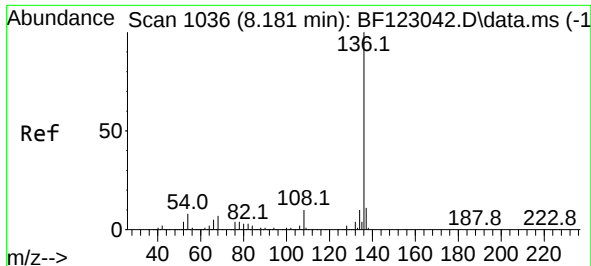


#19
n-Nitroso-di-n-propylamine
Concen: 14.56 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion: 70 Resp: 180671

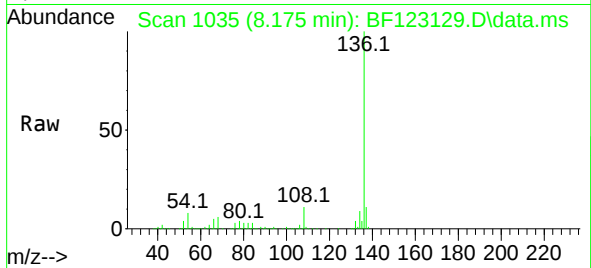
Ion	Ratio	Lower	Upper
70	100		
42	46.8	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#



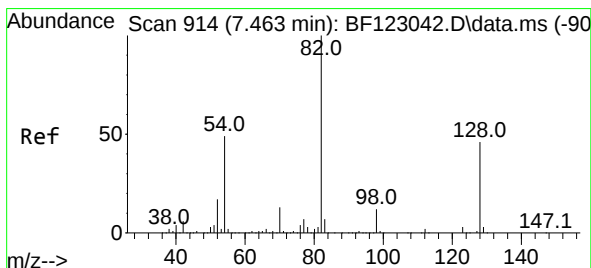
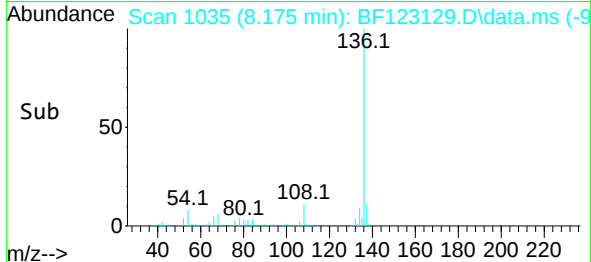
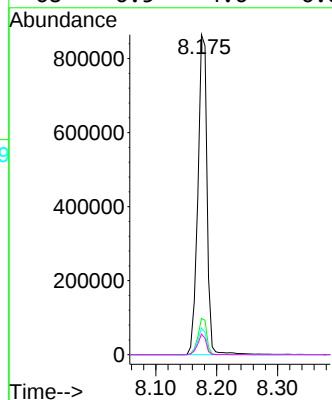


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Instrument :
BNA_F
ClientSampleId :
PB134458TB

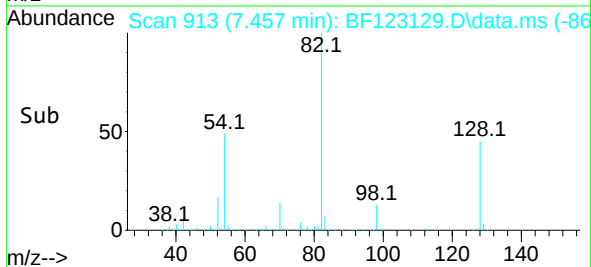
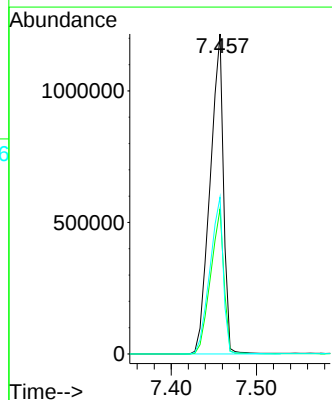
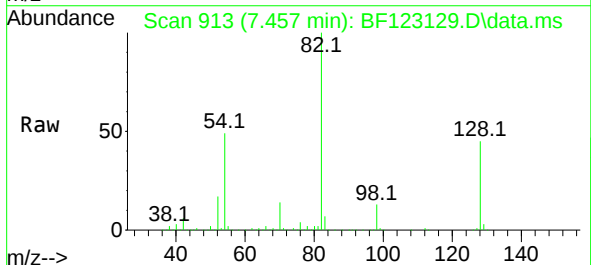


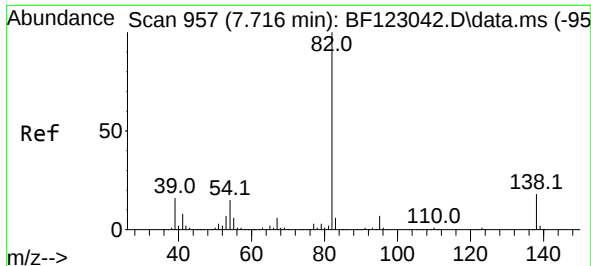
Tgt Ion:136 Resp: 908414
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.4 5.5 8.3#
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 73.66 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion: 82 Resp: 1329618
Ion Ratio Lower Upper
82 100
128 45.3 37.0 55.4
54 49.0 38.4 57.6

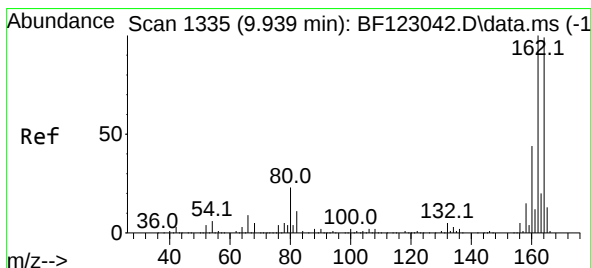
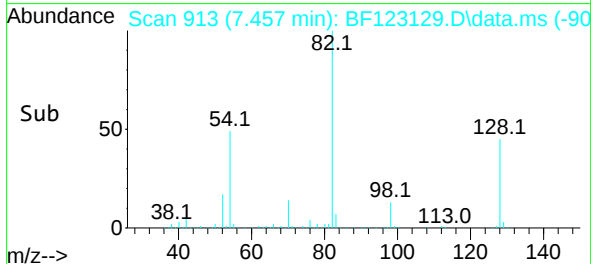
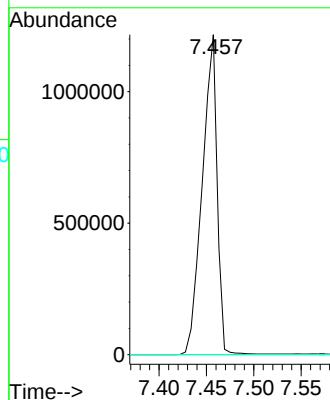
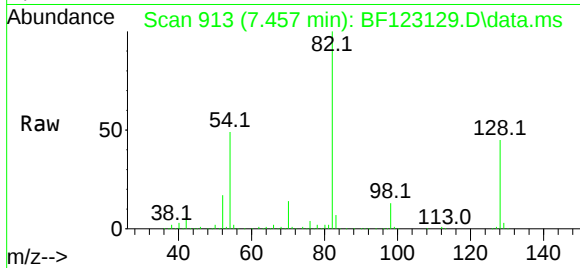




#25
Isophorone
Concen: 40.13 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

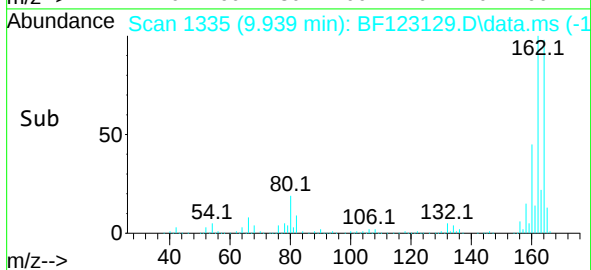
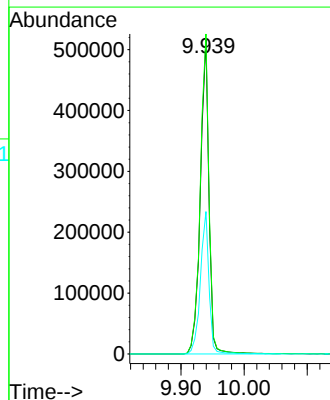
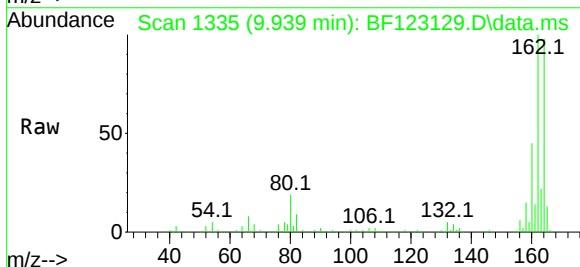
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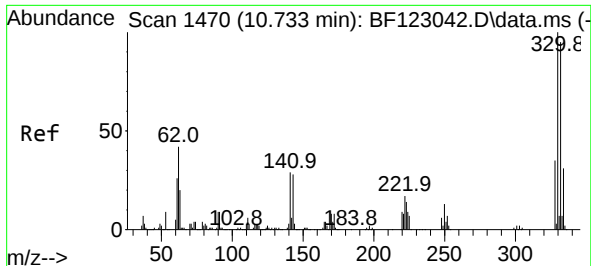
Tgt Ion: 82 Resp: 1326793
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion:164 Resp: 489326
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 45.4 35.4 53.0

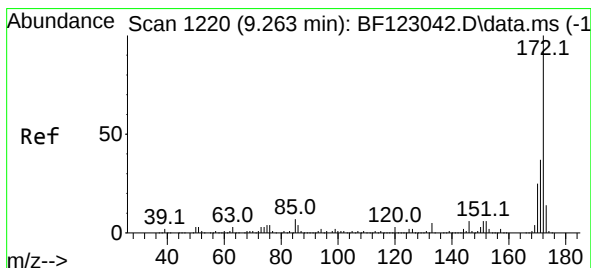
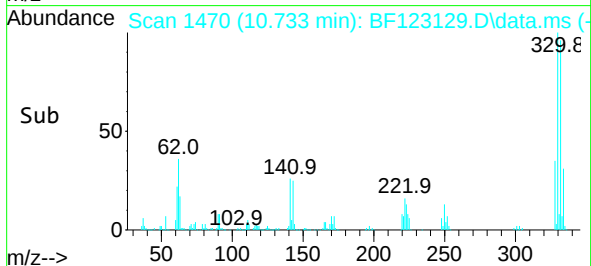
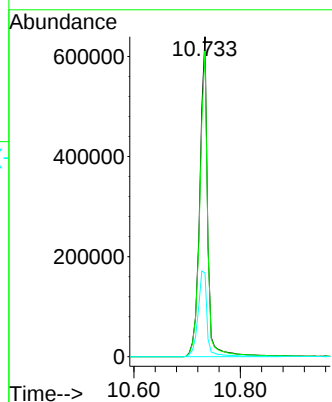
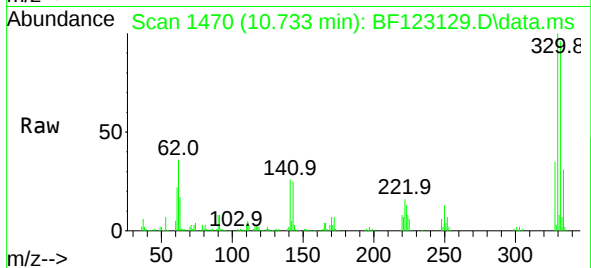




#42
2,4,6-Tribromophenol
Concen: 124.32 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

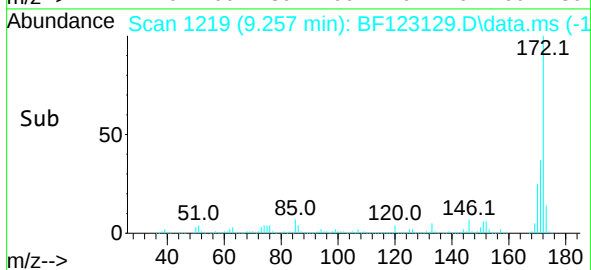
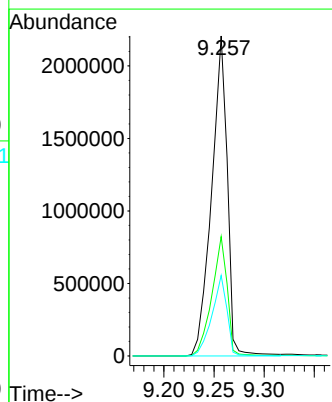
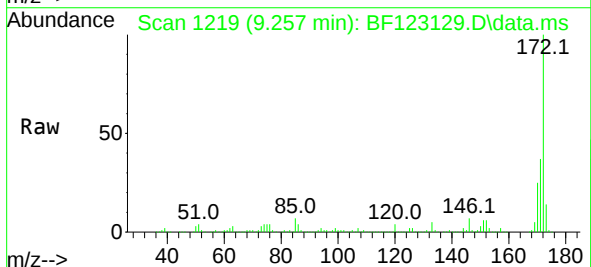
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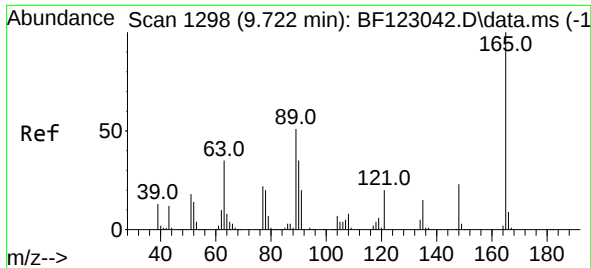
Tgt Ion: 330 Resp: 660373
Ion Ratio Lower Upper
330 100
332 95.3 77.5 116.3
141 30.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 73.07 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion: 172 Resp: 2405265
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 25.1 19.5 29.3

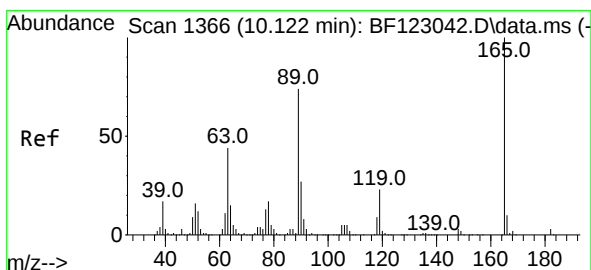
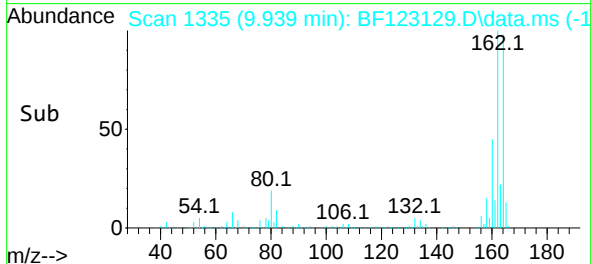
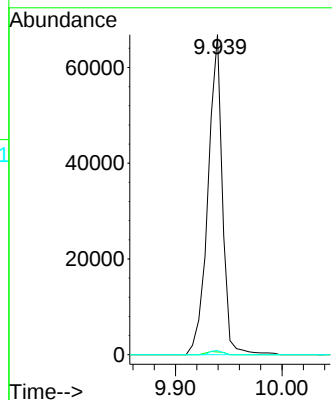
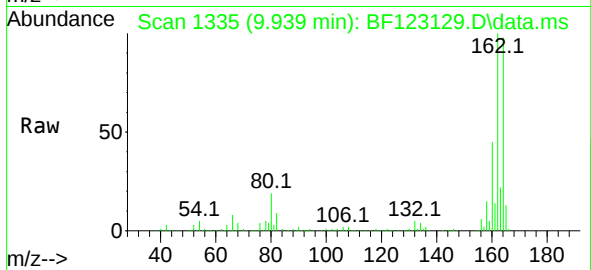




#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

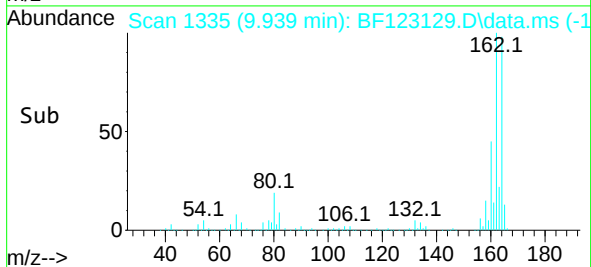
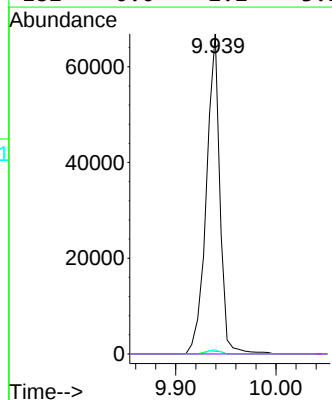
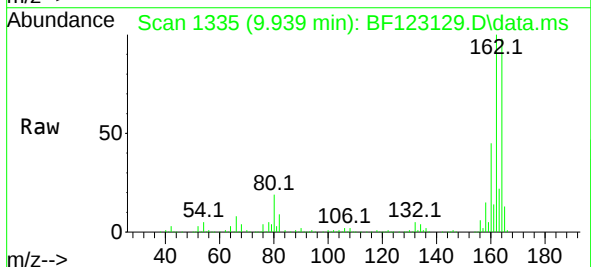
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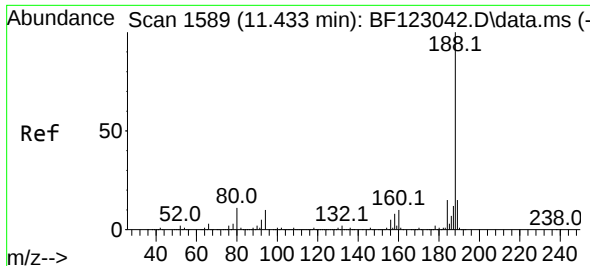
Tgt Ion:165 Resp: 63027
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion:165 Resp: 63027
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

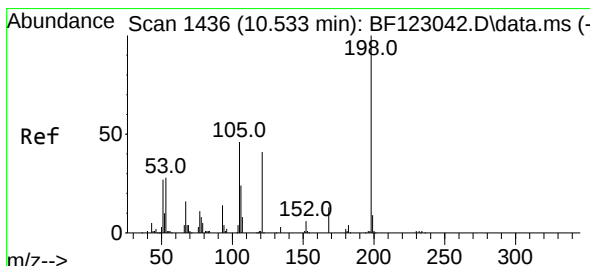
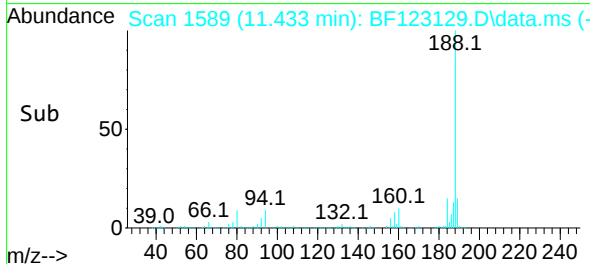
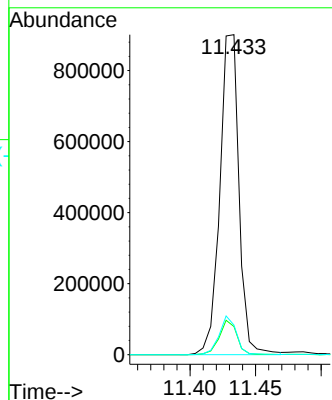
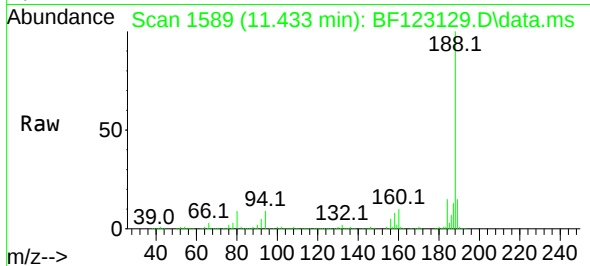




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

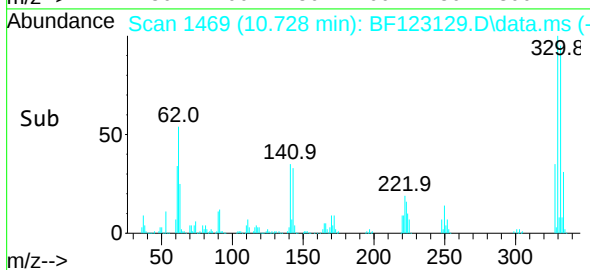
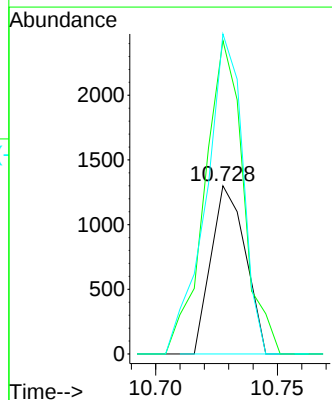
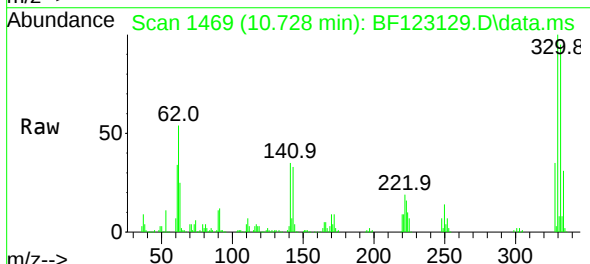
Instrument :
BNA_F
ClientSampleId :
PB134458TB

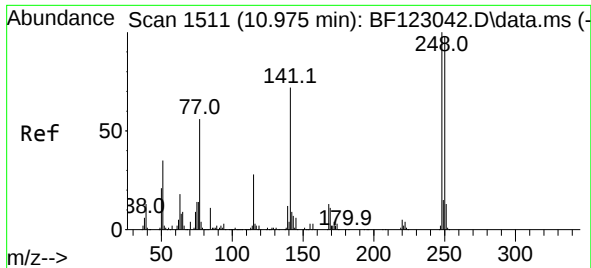
Tgt Ion:188 Resp: 914758
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.3 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.20 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.195 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion:198 Resp: 1268
Ion Ratio Lower Upper
198 100
51 186.4 20.3 60.3#
105 190.3 23.0 63.0#

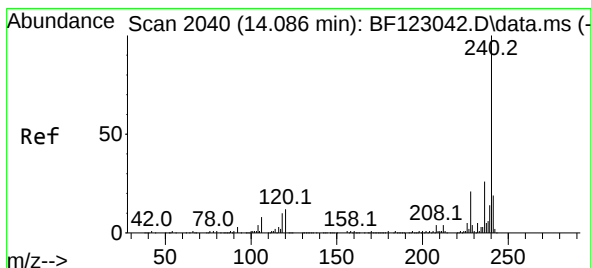
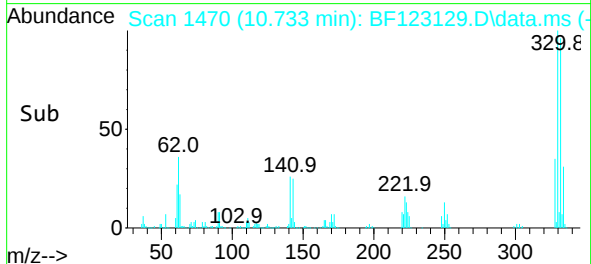
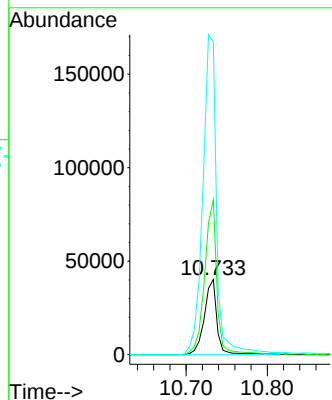
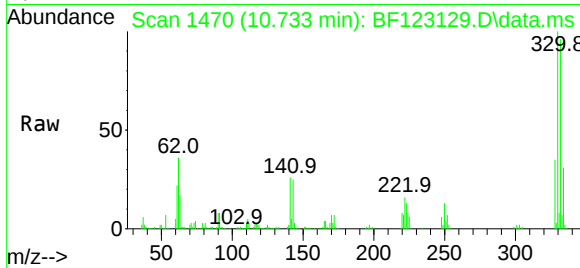




#67
4-Bromophenyl-phenylether
Concen: 3.75 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

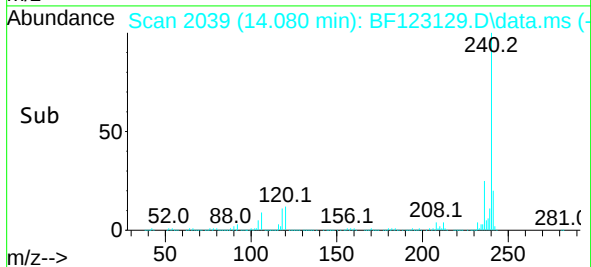
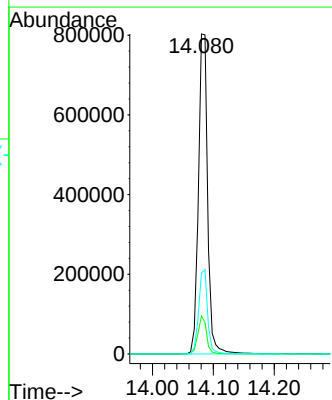
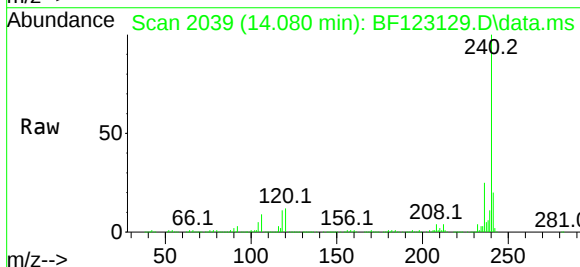
Instrument :
BNA_F
ClientSampleId :
PB134458TB

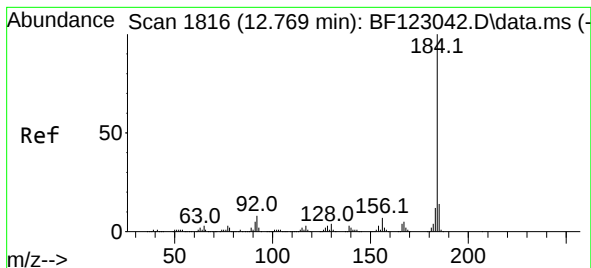
Tgt Ion:248 Resp: 43668
Ion Ratio Lower Upper
248 100
250 205.6 76.8 115.2#
141 416.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Tgt Ion:240 Resp: 846467
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.3 20.3 30.5





#77

Benzidine

Concen: 2.05 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.259 min

Lab File: BF123129.D

Acq: 5 Feb 2021 11:11

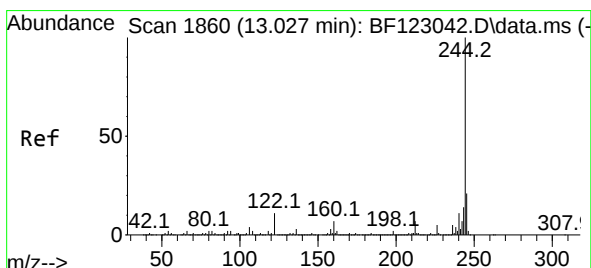
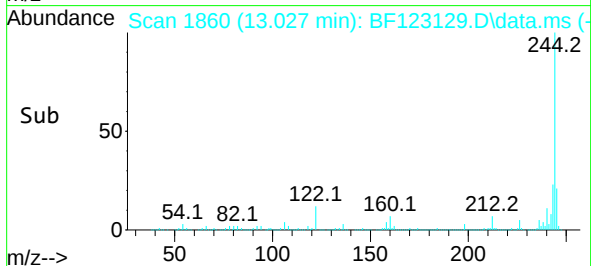
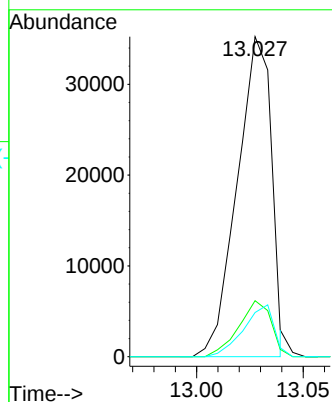
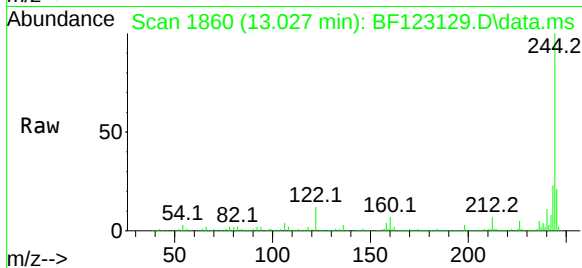
Tgt Ion:184 Resp: 39281

Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.6

183 13.8 9.7 14.5



#79

Terphenyl-d14

Concen: 68.36 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF123129.D

Acq: 5 Feb 2021 11:11

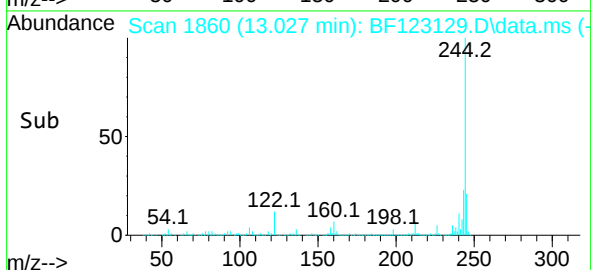
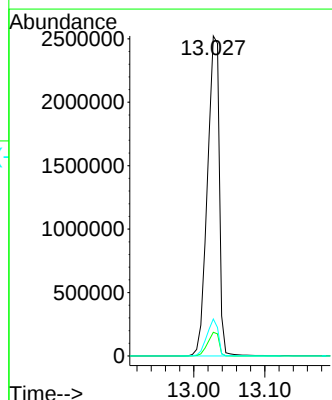
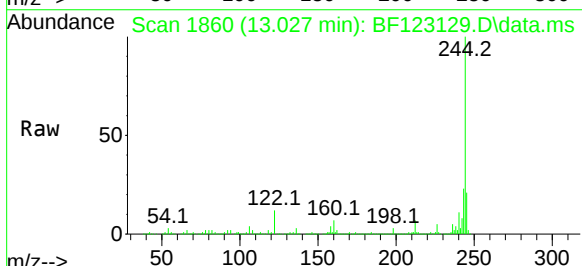
Tgt Ion:244 Resp: 2945401

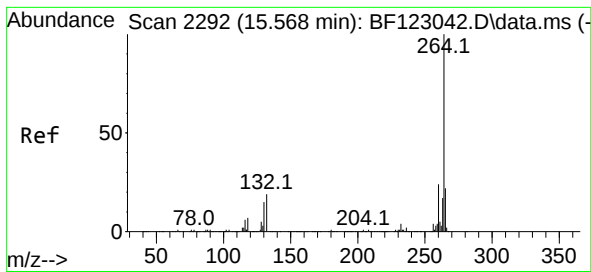
Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

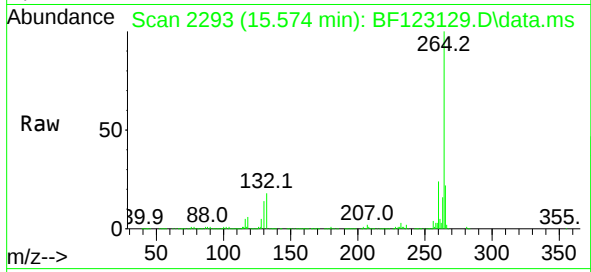
122 11.6 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123129.D
Acq: 5 Feb 2021 11:11

Instrument :
BNA_F
ClientSampleId :
PB134458TB



Tgt Ion:264 Resp: 723423

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.8	17.0	25.6

