

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051121\
 Data File : BF123917.D
 Acq On : 11 May 2021 19:05
 Operator : JU/CG
 Sample : PB136243BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136243BL

Quant Time: May 12 10:49:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 18:02:17 2021
 Response via : Initial Calibration

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

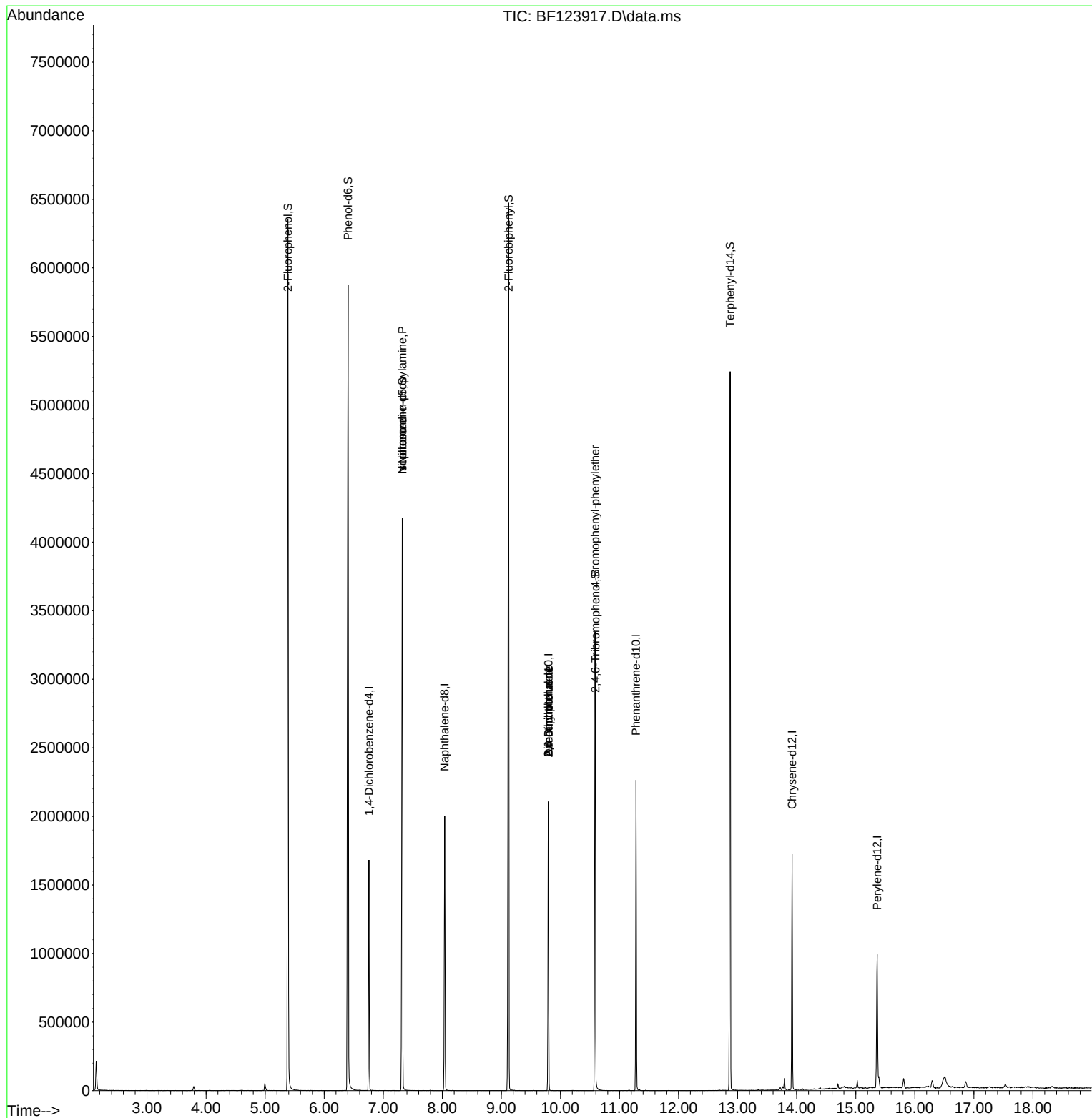
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	202811	20.00	ng	0.00
21) Naphthalene-d8	8.039	136	828119	20.00	ng	# 0.00
39) Acenaphthene-d10	9.798	164	412764	20.00	ng	0.00
64) Phenanthrene-d10	11.280	188	708085	20.00	ng	# 0.00
76) Chrysene-d12	13.921	240	510985	20.00	ng	# 0.00
86) Perylene-d12	15.362	264	375258	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1785336	105.40	ng	0.00
7) Phenol-d6	6.404	99	2206624	98.30	ng	0.00
23) Nitrobenzene-d5	7.322	82	1566693	84.28	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	313367	110.21	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1941288	74.08	ng	0.00
79) Terphenyl-d14	12.874	244	1734932	61.39	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	202207	15.55	ng	# 70
25) Isophorone	7.322	82	1566677	44.03	ng	# 69
50) Dimethylphthalate	9.798	163	73891	2.58	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	54887	8.38	ng	# 11
57) 2,4-Dinitrotoluene	9.798	165	54887	6.39	ng	# 16
67) 4-Bromophenyl-phenylether	10.586	248	21747	3.05	ng	# 1

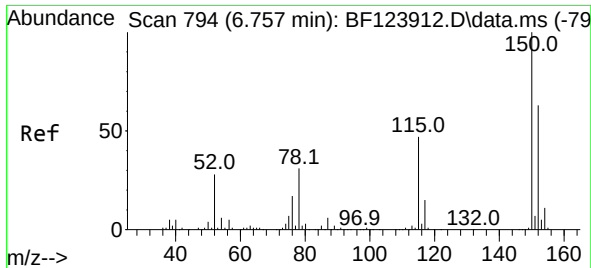
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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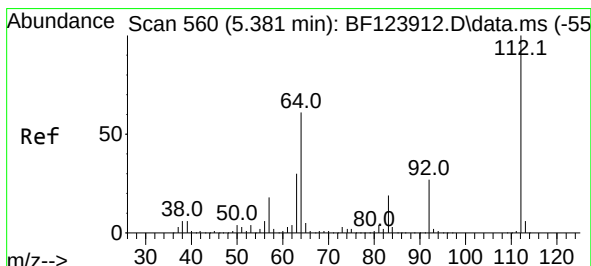
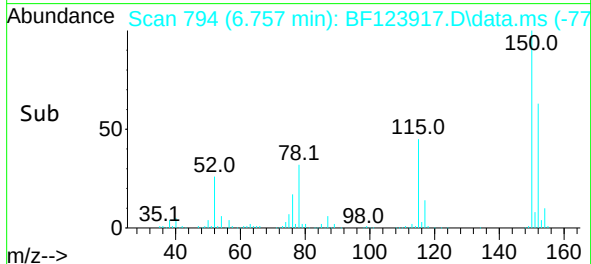
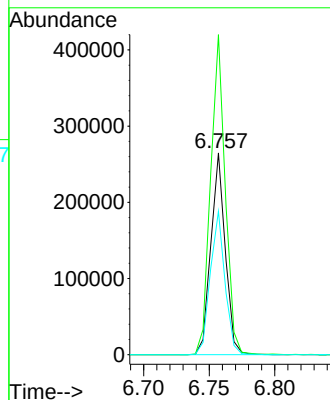
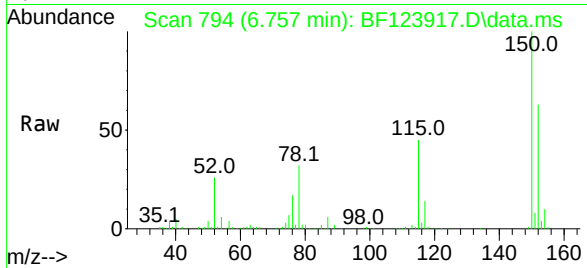




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.757 min Scan# 794
 Delta R.T. 0.000 min
 Lab File: BF123917.D
 Acq: 11 May 2021 19:05

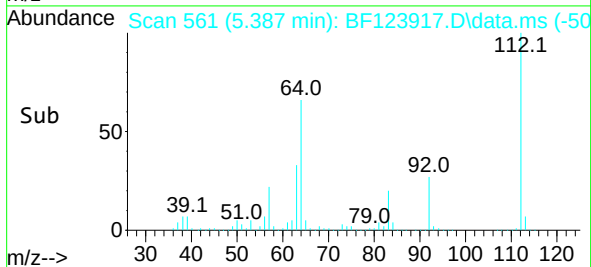
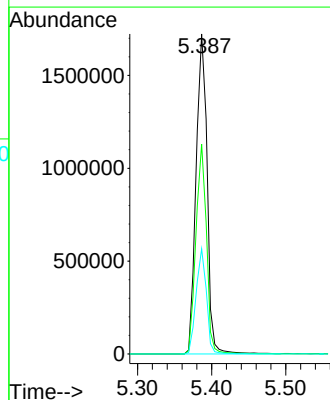
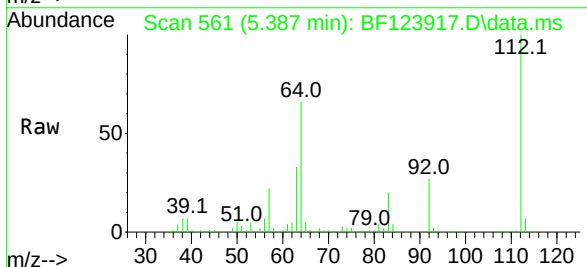
Instrument :
 BNA_F
 ClientSampleId :
 PB136243BL

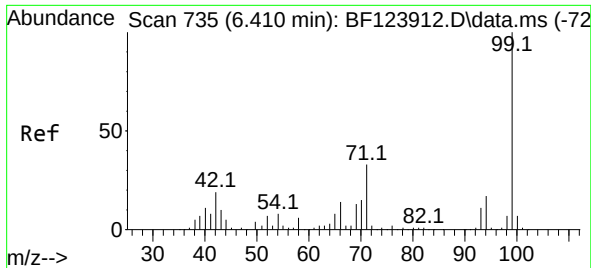
Tgt Ion:152 Resp: 202811
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.0 190.6
 115 71.1 54.3 81.5



#5
 2-Fluorophenol
 Concen: 105.40 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF123917.D
 Acq: 11 May 2021 19:05

Tgt Ion:112 Resp: 1785336
 Ion Ratio Lower Upper
 112 100
 64 65.6 61.4 92.0
 63 32.9 33.0 49.4#

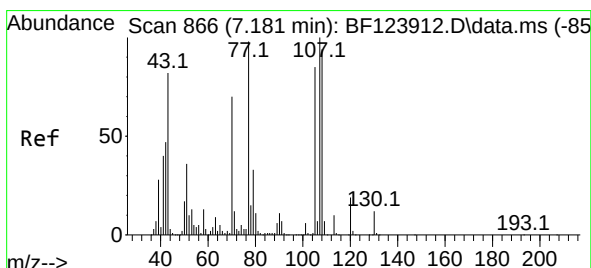
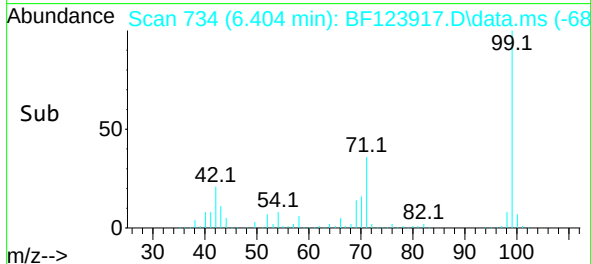
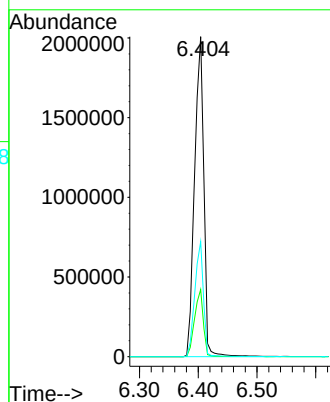
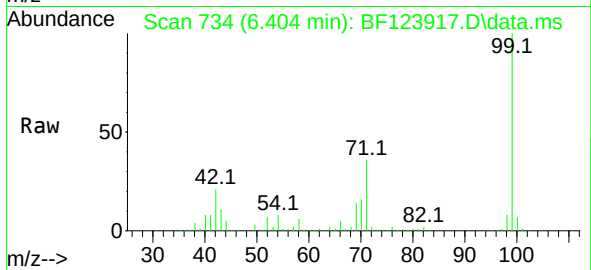




#7
Phenol-d6
Concen: 98.30 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

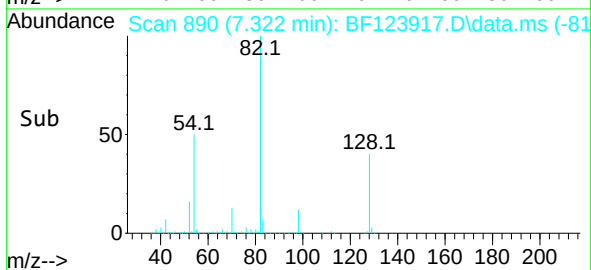
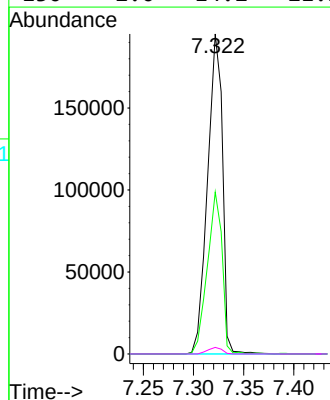
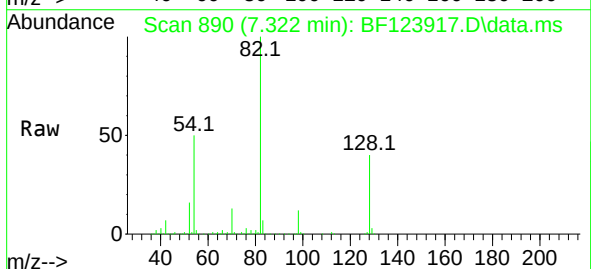
Instrument :
BNA_F
ClientSampleId :
PB136243BL

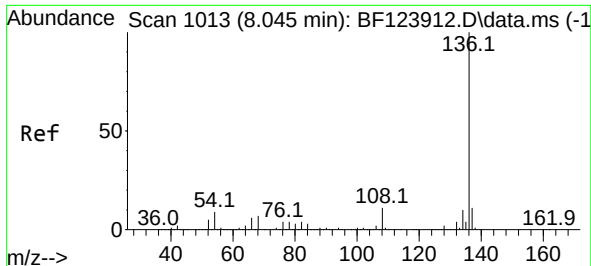
Tgt Ion: 99 Resp: 2206624
Ion Ratio Lower Upper
99 100
42 21.0 19.8 29.8
71 35.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.55 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.141 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

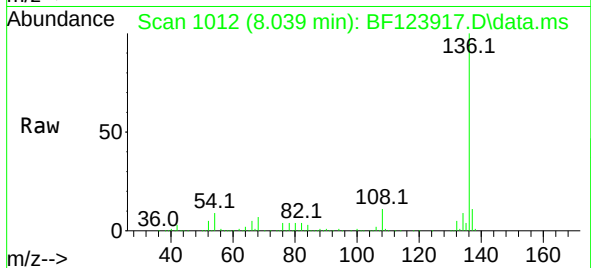
Tgt Ion: 70 Resp: 202207
Ion Ratio Lower Upper
70 100
42 50.6 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



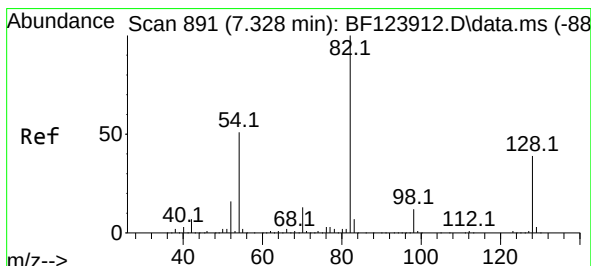
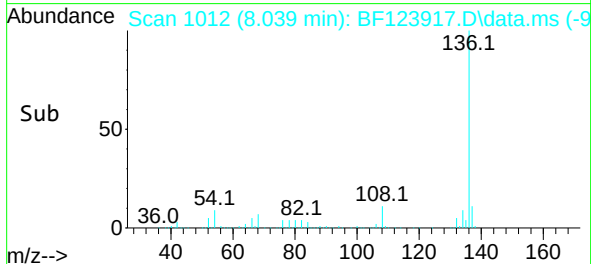
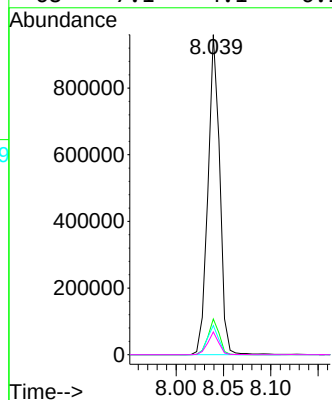


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

Instrument :
BNA_F
ClientSampleId :
PB136243BL

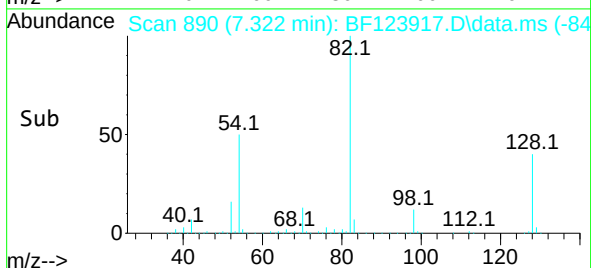
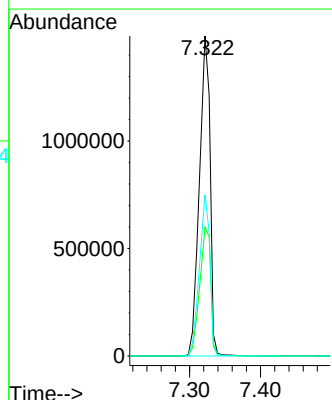
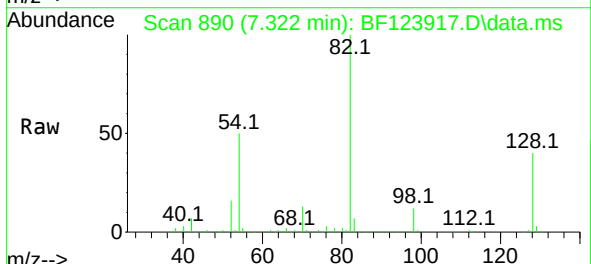


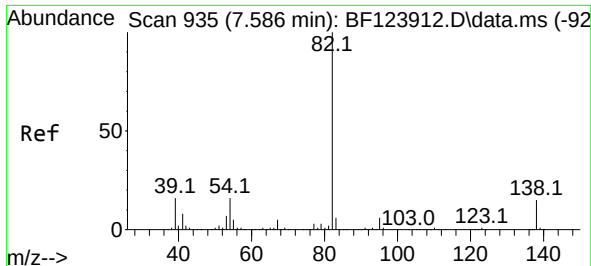
Tgt Ion:136 Resp: 828119
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.1 9.8 14.6#
68 7.1 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 84.28 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

Tgt Ion: 82 Resp: 1566693
Ion Ratio Lower Upper
82 100
128 40.2 29.4 44.2
54 50.3 54.1 81.1#

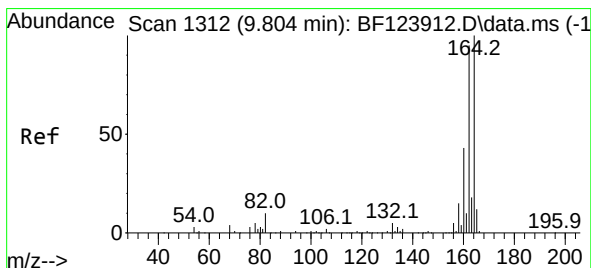
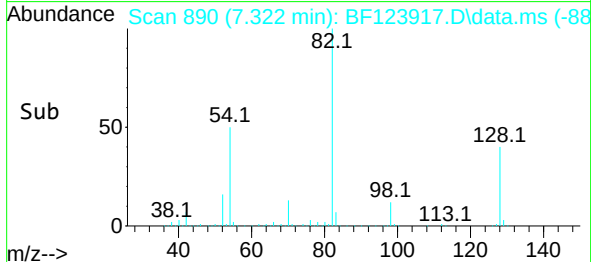
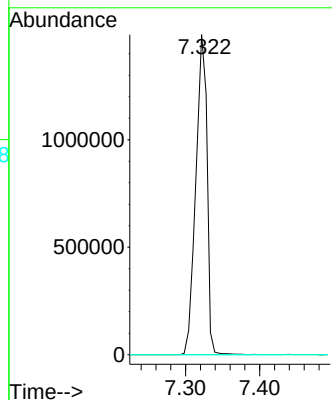
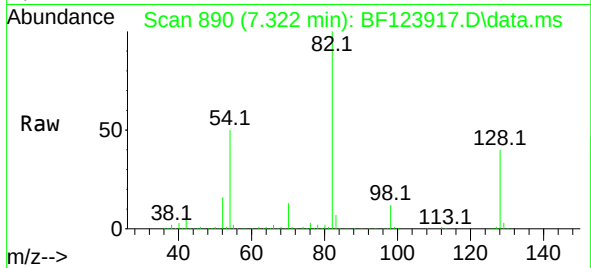




#25
Isophorone
Concen: 44.03 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.265 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

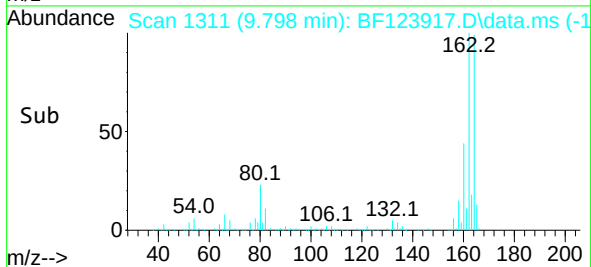
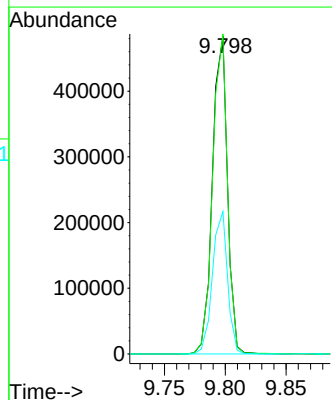
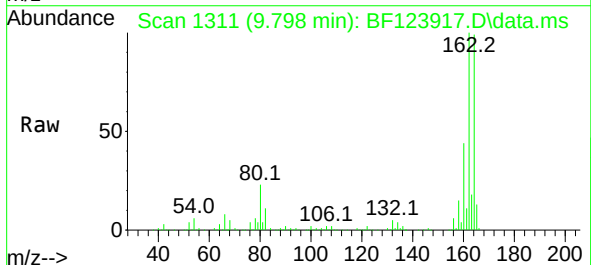
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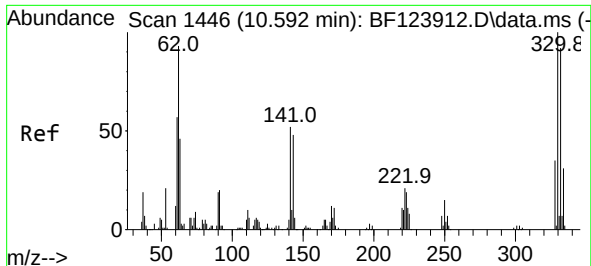
Tgt Ion: 82 Resp: 1566677
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

Tgt Ion: 164 Resp: 412764
Ion Ratio Lower Upper
164 100
162 100.6 80.7 121.1
160 44.8 37.3 55.9

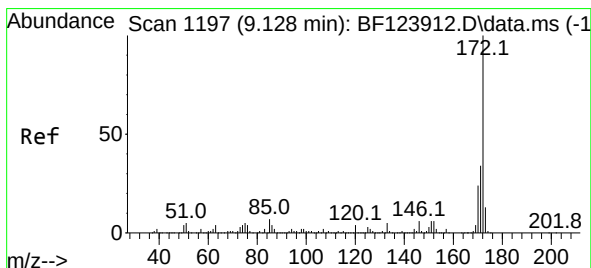
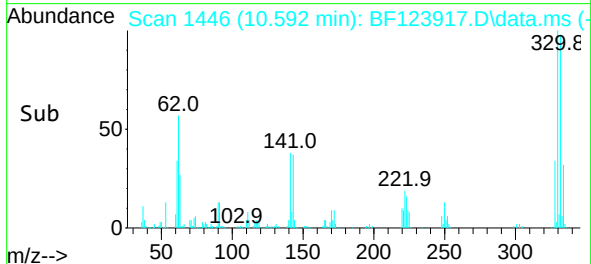
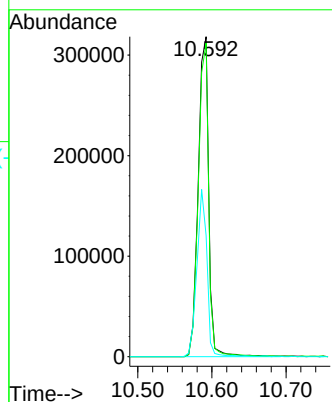
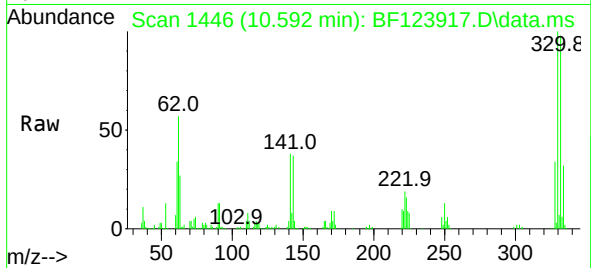




#42
2,4,6-Tribromophenol
Concen: 110.21 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

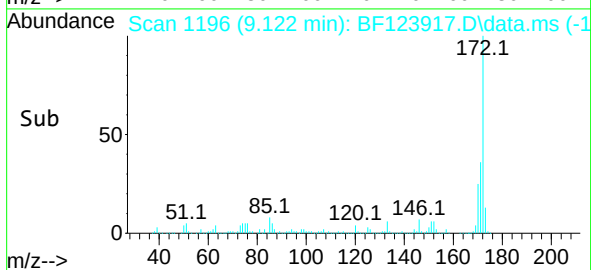
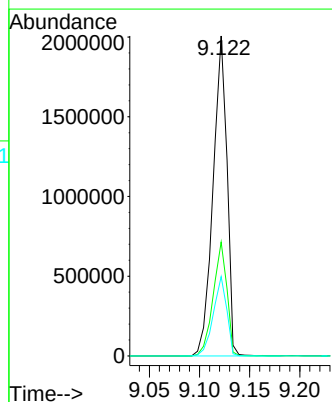
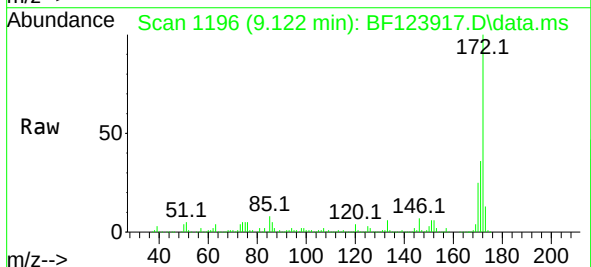
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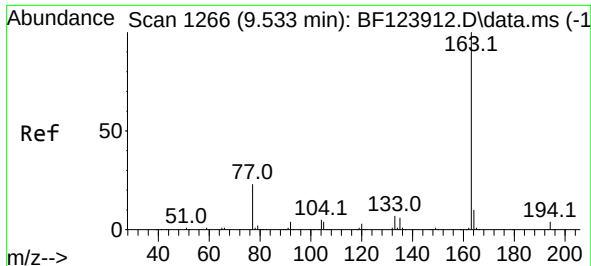
Tgt Ion: 330 Resp: 313367
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 50.0 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 74.08 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

Tgt Ion: 172 Resp: 1941288
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.8 19.2 28.8

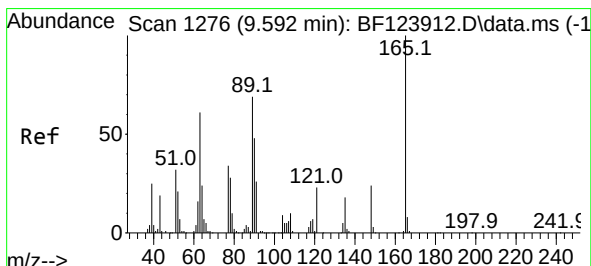
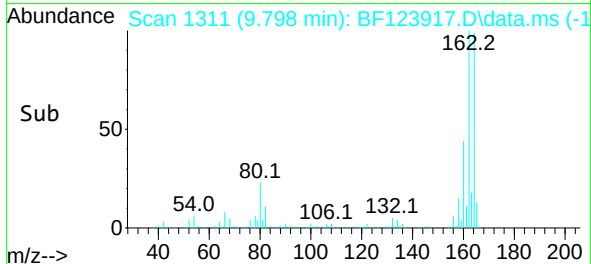
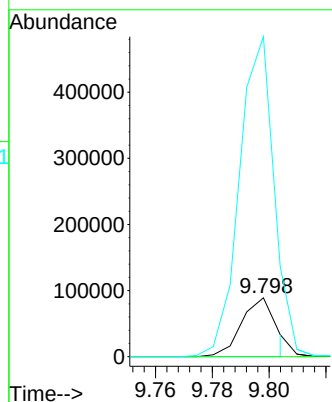
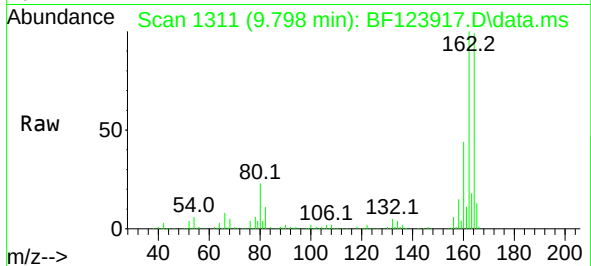




#50
Dimethylphthalate
Concen: 2.58 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

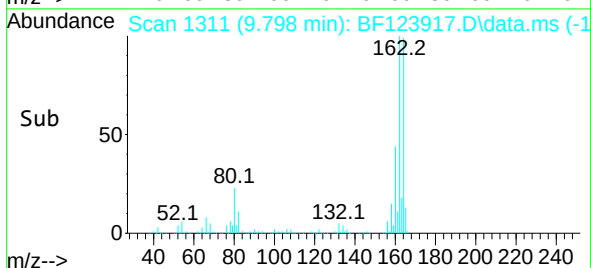
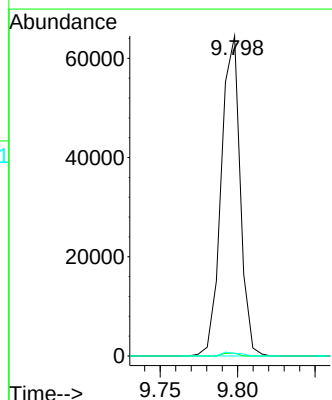
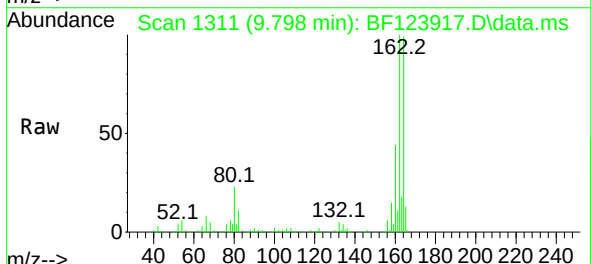
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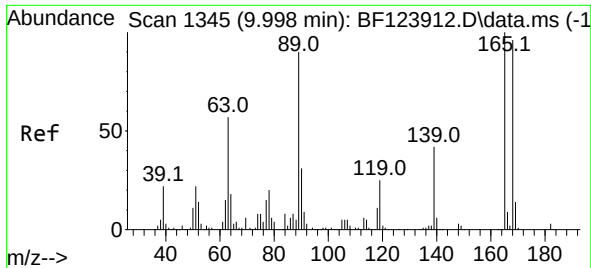
Tgt Ion:163 Resp: 73891
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 543.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.38 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

Tgt Ion:165 Resp: 54887
Ion Ratio Lower Upper
165 100
63 0.9 67.7 101.5#
89 0.8 58.8 88.2#

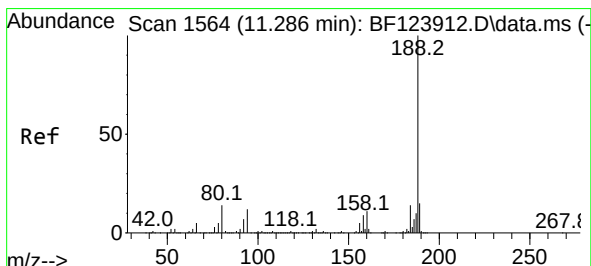
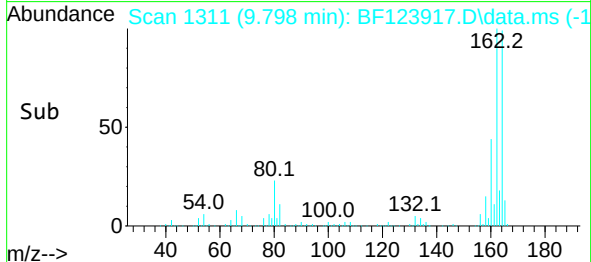
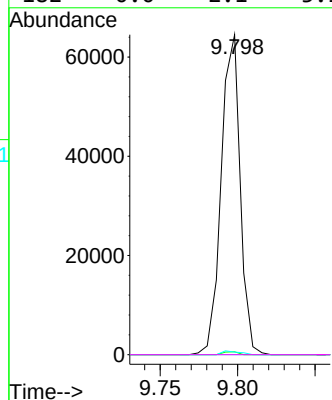
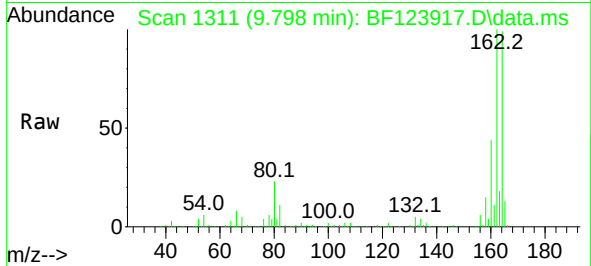




#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.200 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

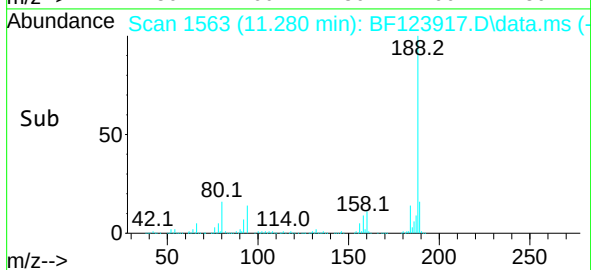
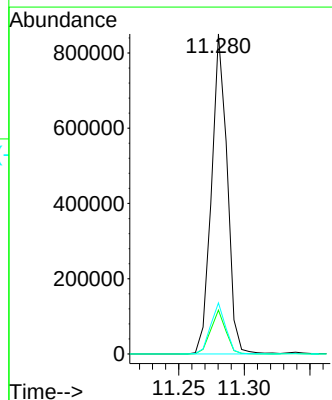
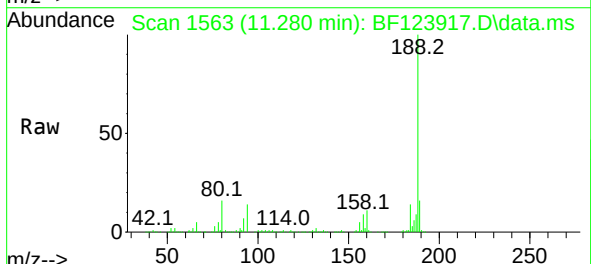
Instrument :
BNA_F
ClientSampleId :
PB136243BL

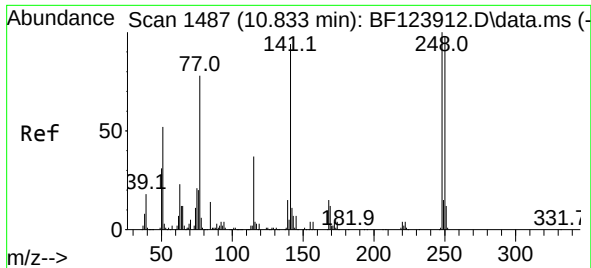
Tgt Ion:165	Resp:	54887
Ion Ratio	Lower	Upper
165	100	
63	0.9	43.5 65.3#
89	0.8	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

Tgt Ion:188	Resp:	708085
Ion Ratio	Lower	Upper
188	100	
94	13.7	6.9 10.3#
80	15.9	8.2 12.2#

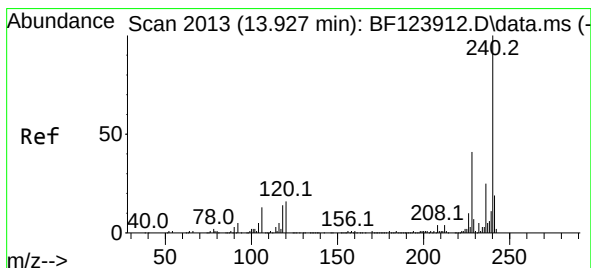
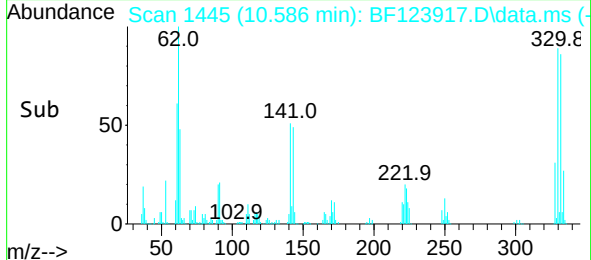
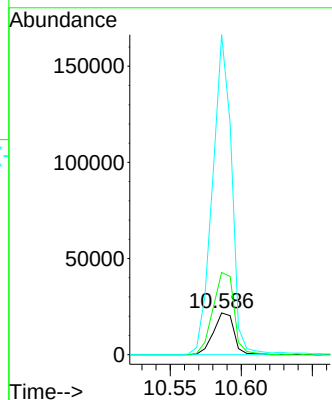
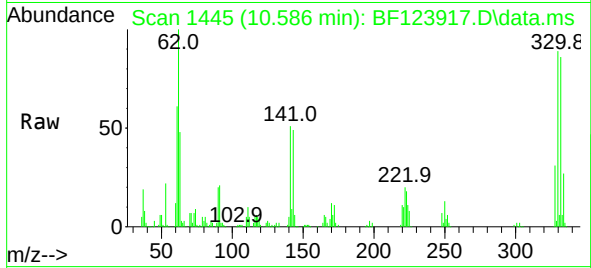




#67
4-Bromophenyl-phenylether
Concen: 3.05 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.247 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

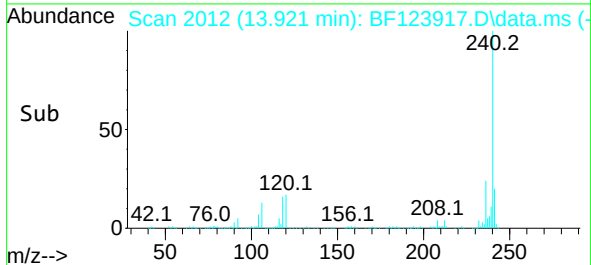
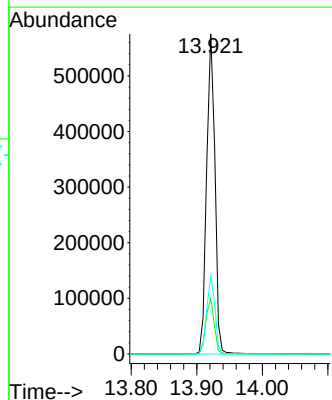
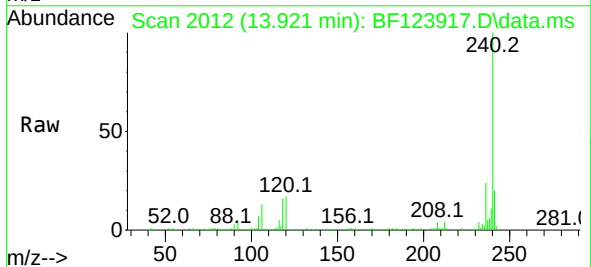
Instrument :
BNA_F
ClientSampleId :
PB136243BL

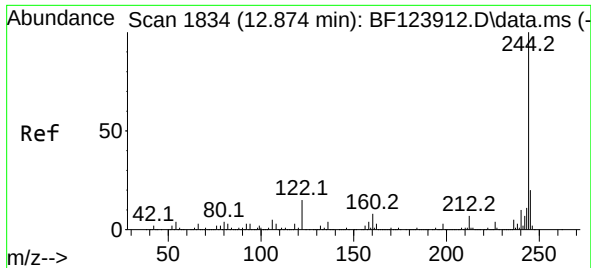
Tgt Ion:248 Resp: 21747
Ion Ratio Lower Upper
248 100
250 197.3 77.4 116.2#
141 767.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF123917.D
Acq: 11 May 2021 19:05

Tgt Ion:240 Resp: 510985
Ion Ratio Lower Upper
240 100
120 17.4 7.2 10.8#
236 24.4 19.0 28.4

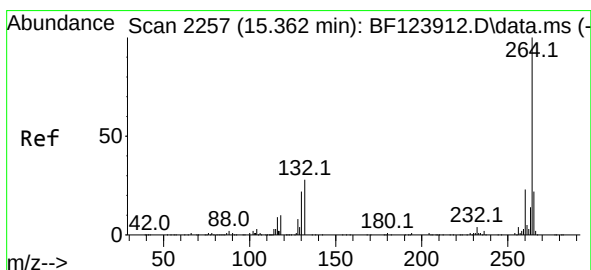
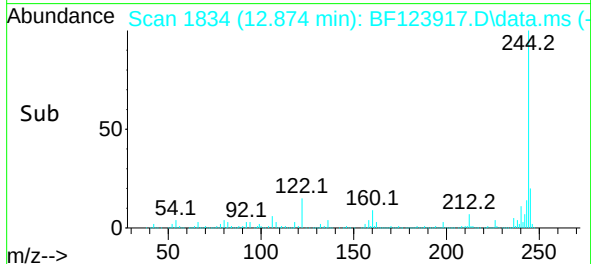
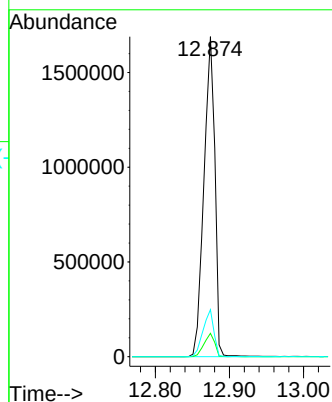
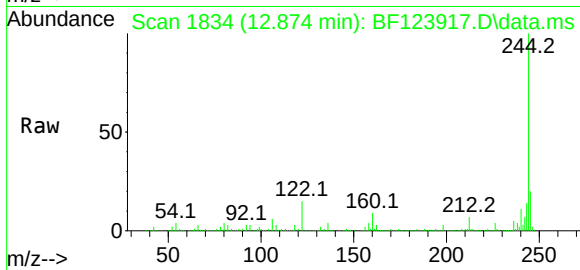




#79
 Terphenyl-d14
 Concen: 61.39 ng
 RT: 12.874 min Scan# 1834
 Delta R.T. -0.000 min
 Lab File: BF123917.D
 Acq: 11 May 2021 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB136243BL

Tgt Ion:244 Resp: 1734932
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 14.7 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.362 min Scan# 2257
 Delta R.T. -0.000 min
 Lab File: BF123917.D
 Acq: 11 May 2021 19:05

Tgt Ion:264 Resp: 375258
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.7 28.1
 265 21.6 17.8 26.8

