

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123609.D
 Acq On : 17 Apr 2021 00:32
 Operator : JU/CG
 Sample : M2048-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-0-2.0

Quant Time: Apr 17 01:27:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

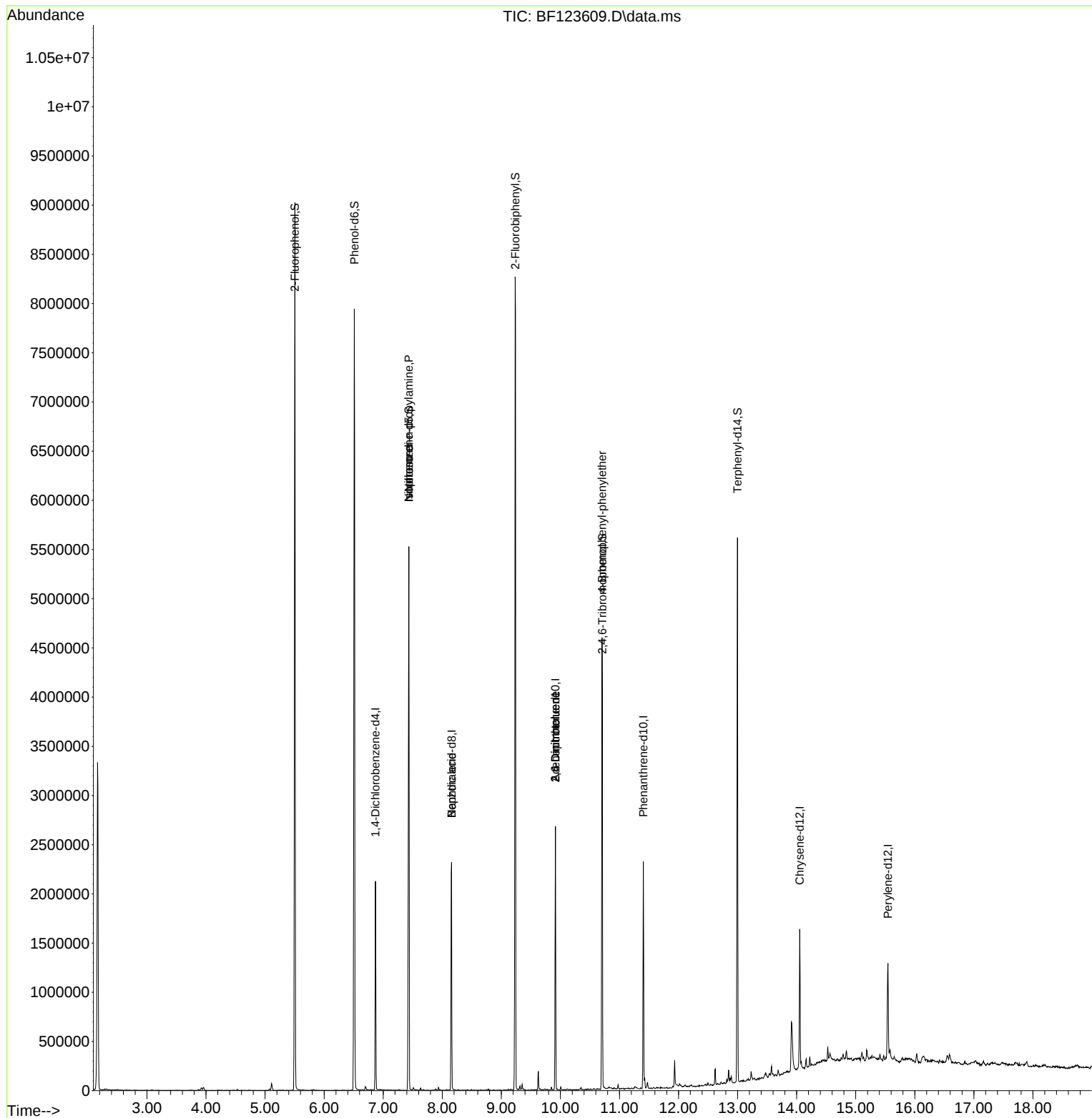
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	247104	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	956551	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	465266	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	738385	20.00	ng	0.00
76) Chrysene-d12	14.051	240	456376	20.00	ng	0.00
86) Perylene-d12	15.545	264	451960	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1905559	124.64	ng	0.02
7) Phenol-d6	6.510	99	2472656	116.71	ng	0.01
23) Nitrobenzene-d5	7.434	82	1729847	83.14	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	532069	100.99	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2512181	80.49	ng	0.00
79) Terphenyl-d14	12.998	244	1659178	70.66	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	240519	17.14	ng	# 75
25) Isophorone	7.434	82	1725527	42.74	ng	# 69
32) Benzoic acid	8.157	122	281	4.57	ng	# 1
51) 2,6-Dinitrotoluene	9.916	165	60363	8.55	ng	# 11
57) 2,4-Dinitrotoluene	9.916	165	60363	6.41	ng	# 17
67) 4-Bromophenyl-phenylether	10.704	248	31007	4.02	ng	# 1
92) Benzo(g,h,i)perylene	17.480	276	16151	Below Cal		# 77

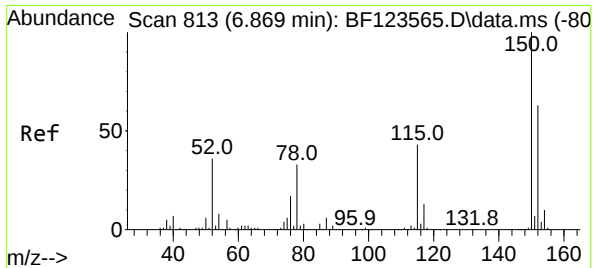
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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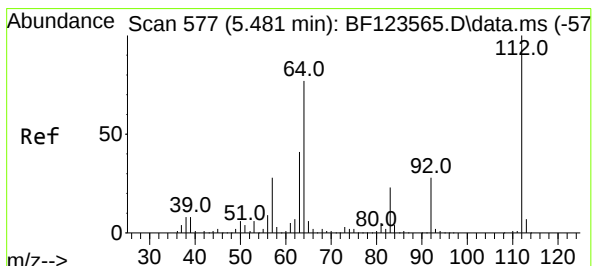
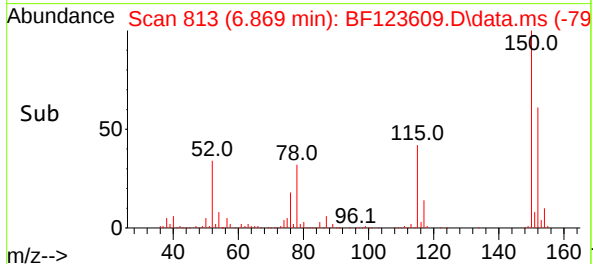
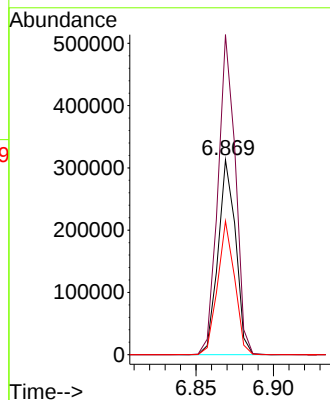
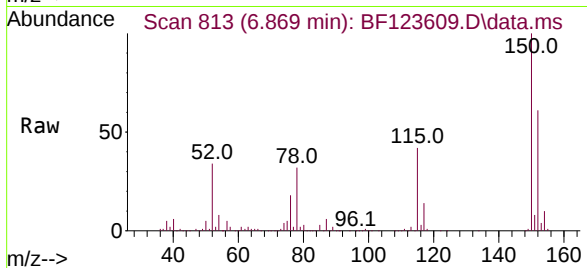




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

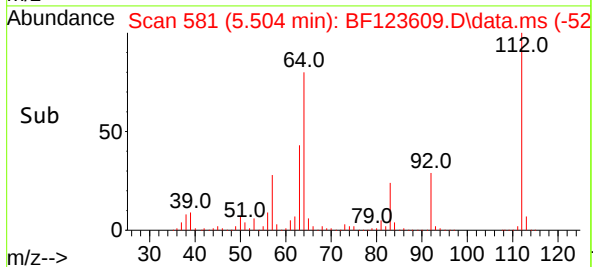
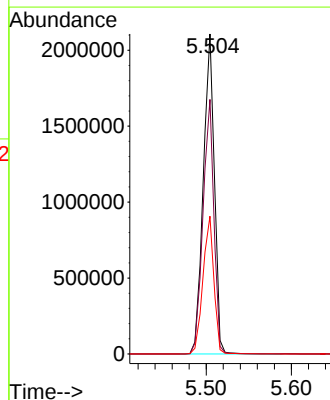
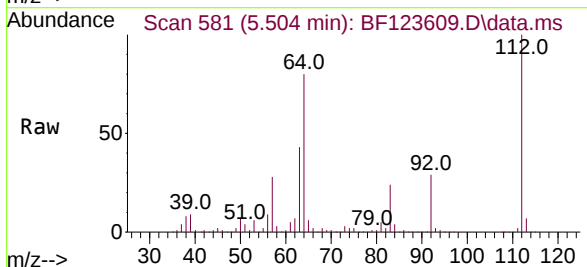
Instrument :
BNA_F
ClientSampleId :
SB-04-0-2.0

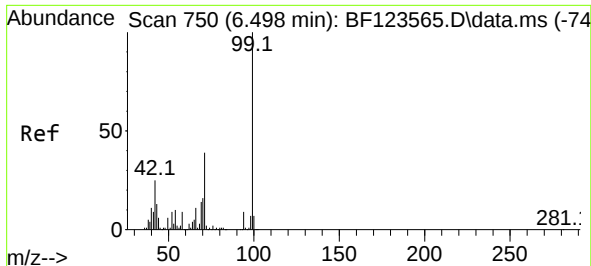
Tgt Ion:152 Resp: 247104
Ion Ratio Lower Upper
152 100
150 164.2 127.0 190.6
115 68.5 54.3 81.5



#5
2-Fluorophenol
Concen: 124.64 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.024 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Tgt Ion:112 Resp: 1905559
Ion Ratio Lower Upper
112 100
64 79.6 61.4 92.0
63 43.0 33.0 49.4

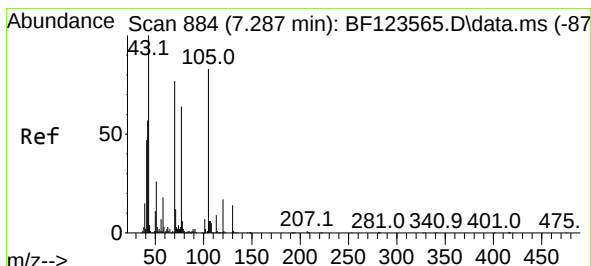
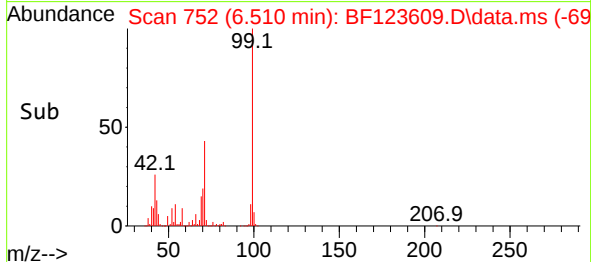
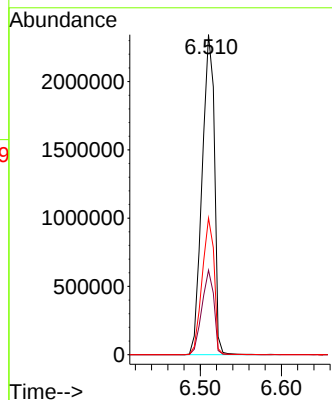
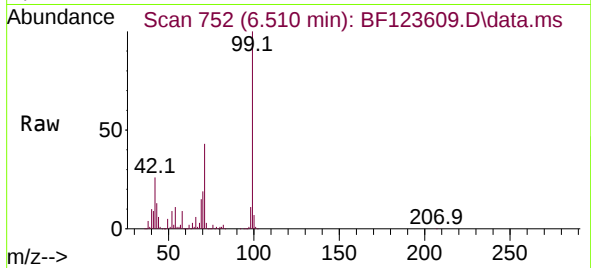




#7
Phenol-d6
Concen: 116.71 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

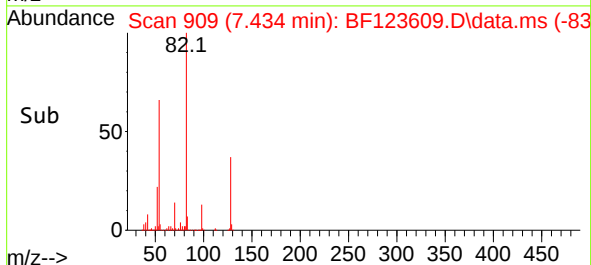
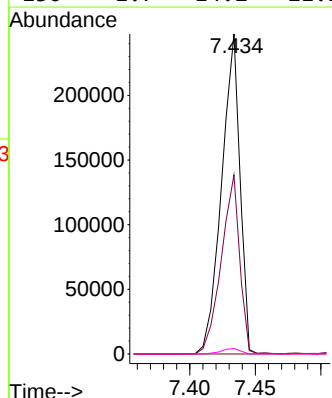
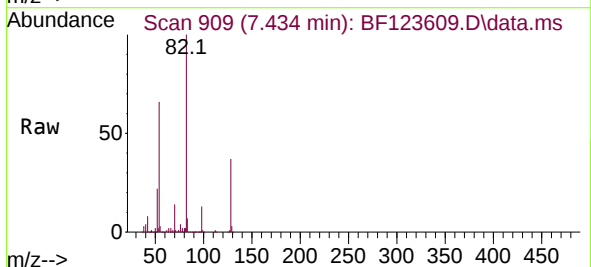
Instrument :
BNA_F
ClientSampleId :
SB-04-0-2.0

Tgt Ion: 99 Resp: 2472656
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 42.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.14 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Tgt Ion: 70 Resp: 240519
Ion Ratio Lower Upper
70 100
42 55.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#



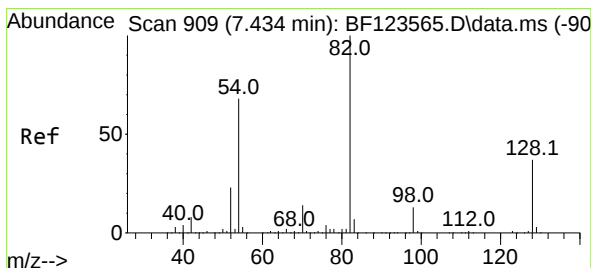
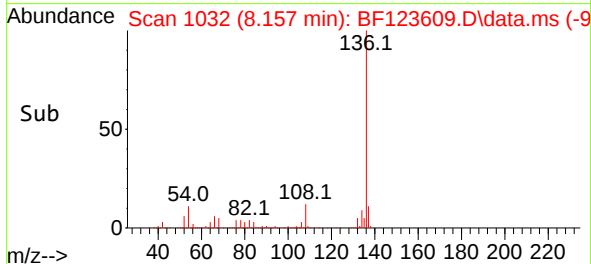
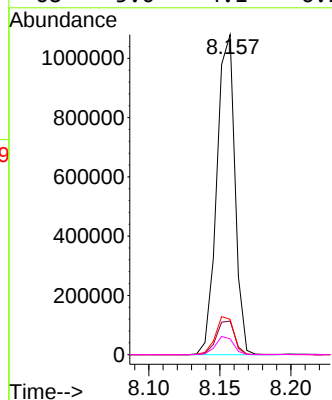
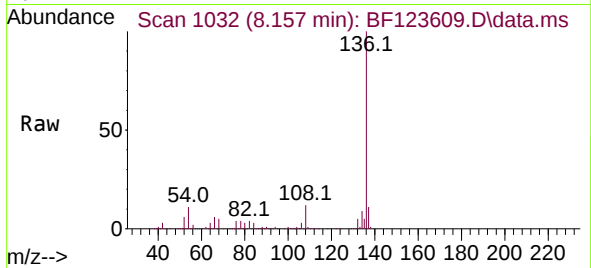


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Instrument :
BNA_F
ClientSampleId :
SB-04-0-2.0

Tgt Ion:136 Resp: 956551

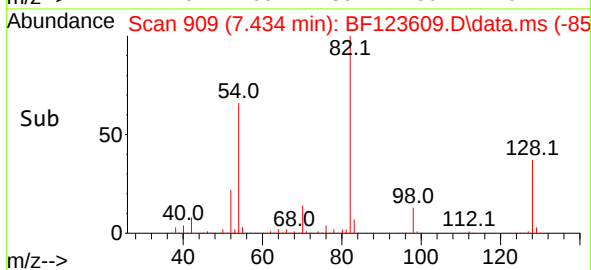
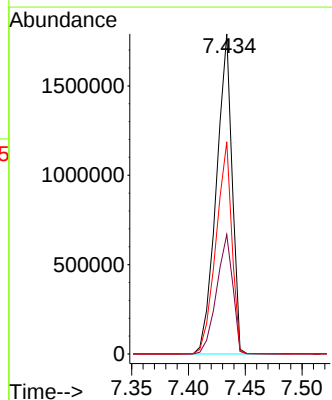
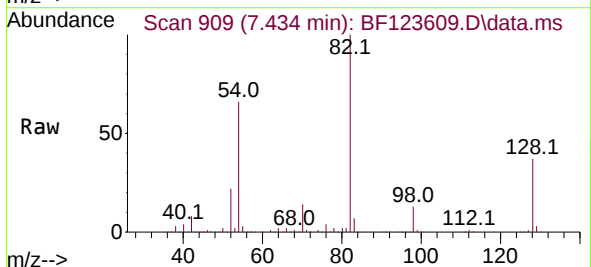
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	11.0	9.8	14.6
68	5.0	4.1	6.1

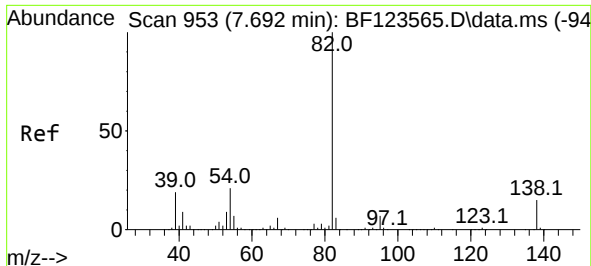


#23
Nitrobenzene-d5
Concen: 83.14 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Tgt Ion: 82 Resp: 1729847

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.4	44.2
54	66.3	54.1	81.1

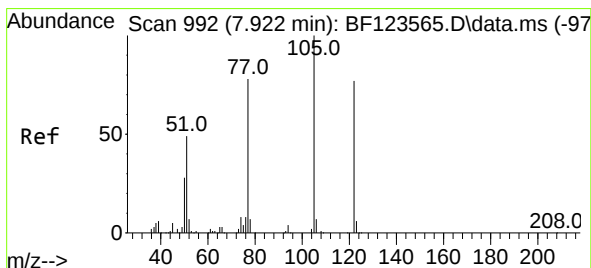
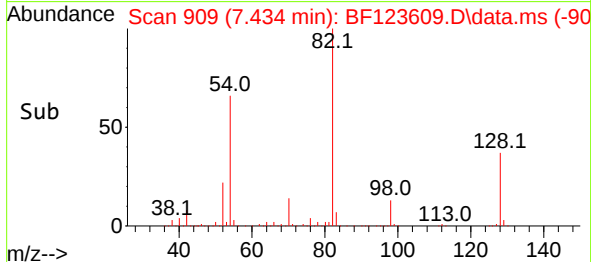
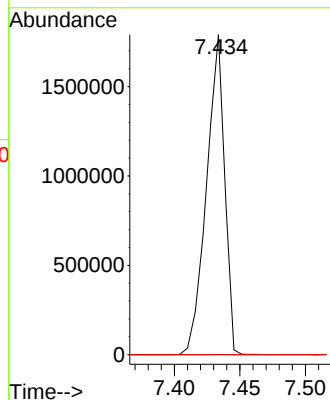
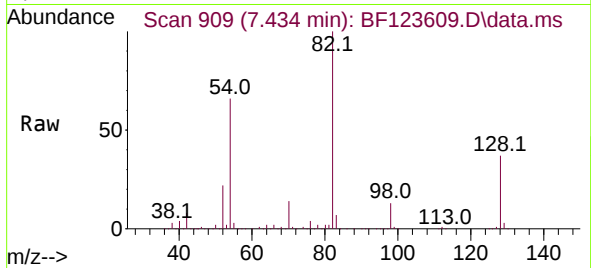




#25
Isophorone
Concen: 42.74 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.259 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

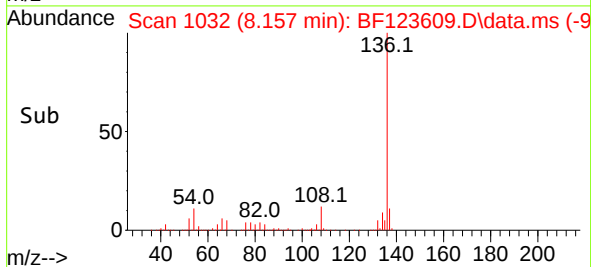
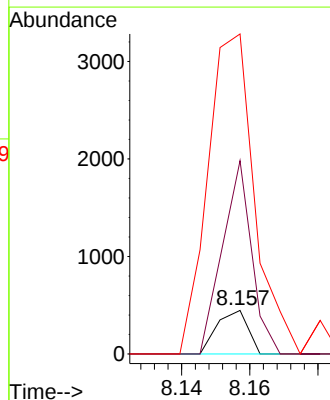
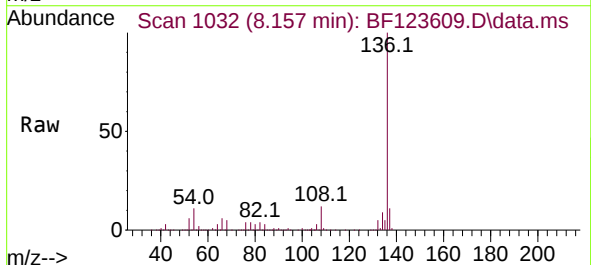
Instrument :
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ClientSampleId :
SB-04-0-2.0

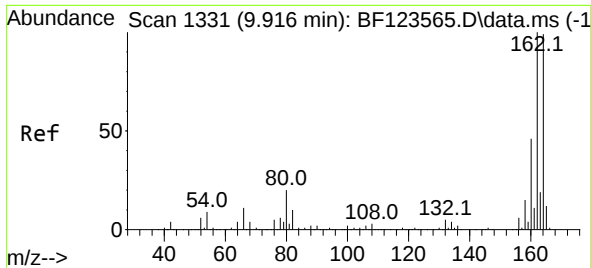
Tgt Ion: 82 Resp: 1725527
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.57 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.235 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Tgt Ion:122 Resp: 281
Ion Ratio Lower Upper
122 100
105 443.6 107.8 147.8#
77 734.2 81.6 121.6#

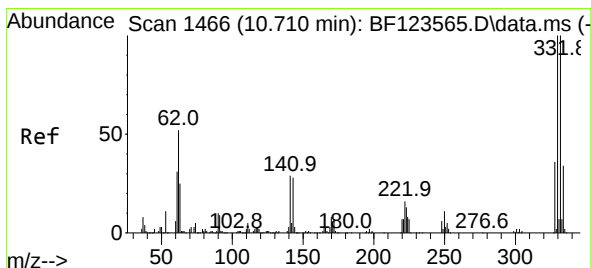
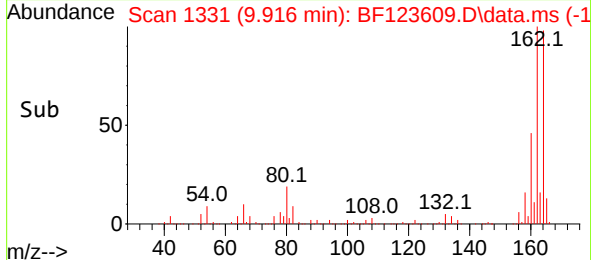
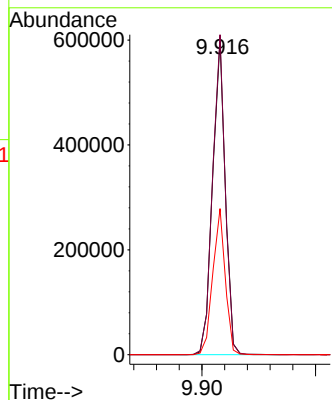
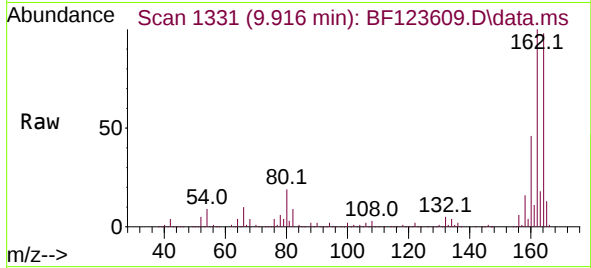




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

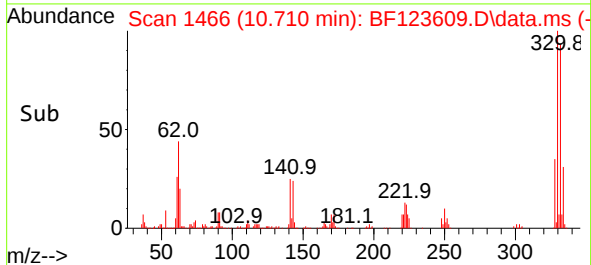
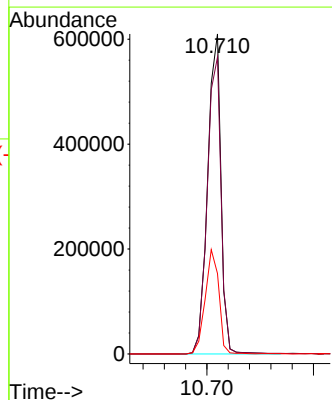
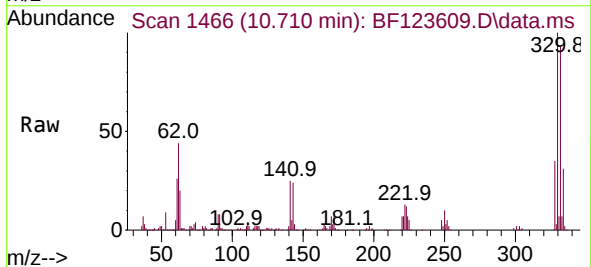
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ClientSampleId :
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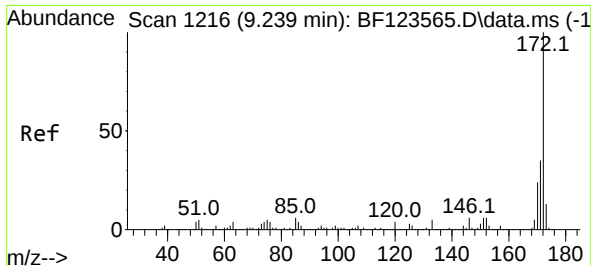
Tgt Ion:164 Resp: 465266
Ion Ratio Lower Upper
164 100
162 101.7 80.7 121.1
160 46.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 100.99 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Tgt Ion:330 Resp: 532069
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 33.4 27.9 41.9

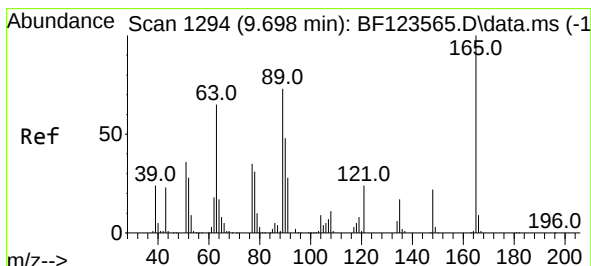
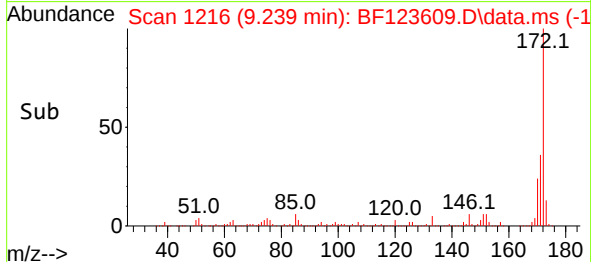
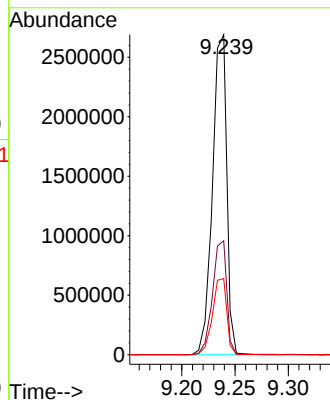
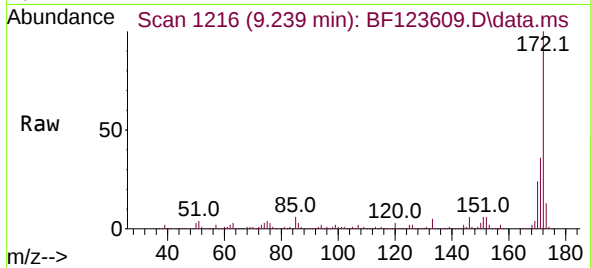




#45
2-Fluorobiphenyl
Concen: 80.49 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

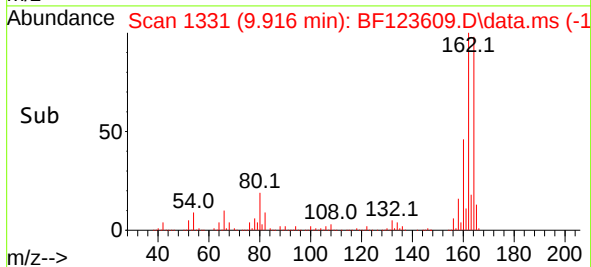
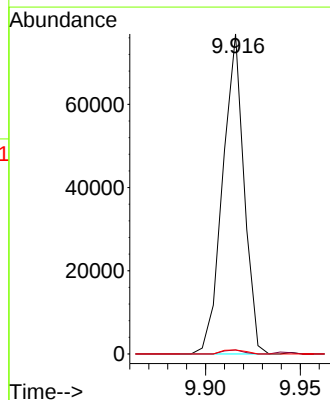
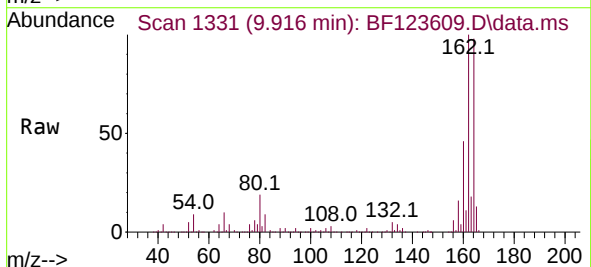
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BNA_F
ClientSampleId :
SB-04-0-2.0

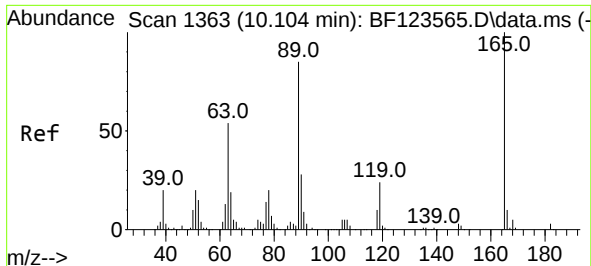
Tgt Ion:172 Resp: 2512181
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.8 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Tgt Ion:165 Resp: 60363
Ion Ratio Lower Upper
165 100
63 1.2 67.7 101.5#
89 1.3 58.8 88.2#

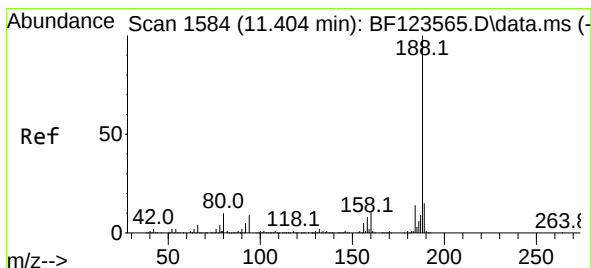
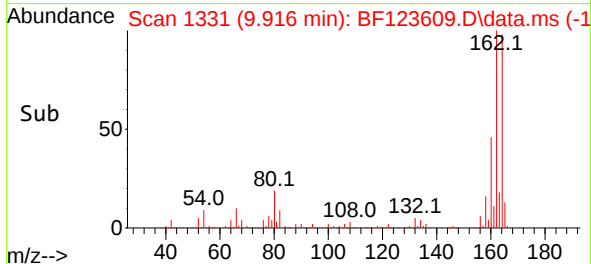
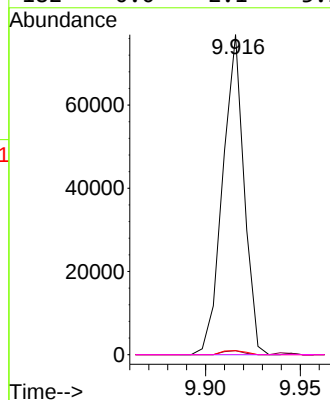
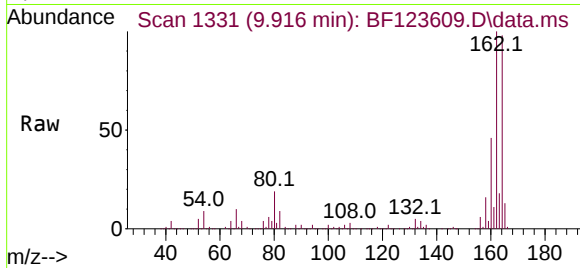




#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

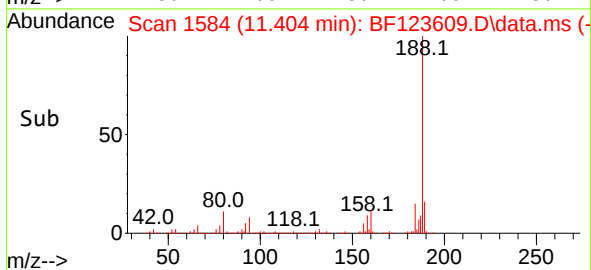
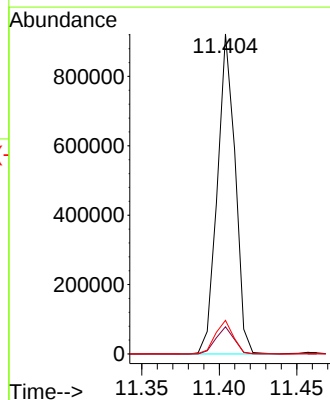
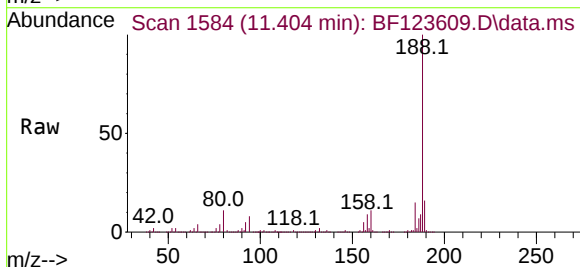
Instrument :
BNA_F
ClientSampleId :
SB-04-0-2.0

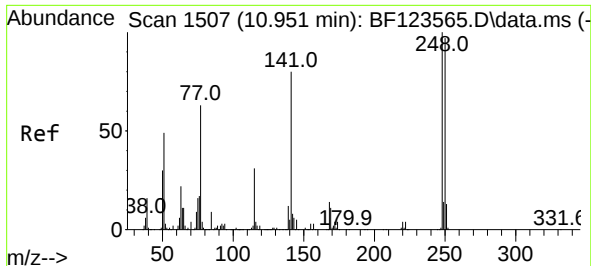
Tgt Ion:	165	Resp:	60363
Ion Ratio	Lower	Upper	
165	100		
63	1.2	43.5	65.3#
89	1.3	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Tgt Ion:	188	Resp:	738385
Ion Ratio	Lower	Upper	
188	100		
94	8.5	6.9	10.3
80	10.5	8.2	12.2

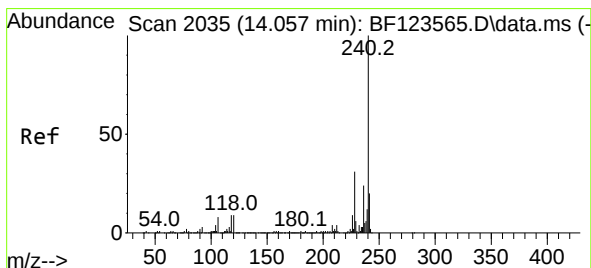
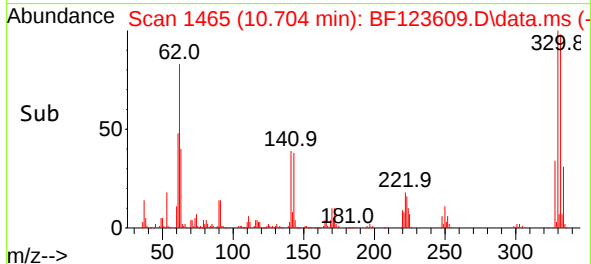
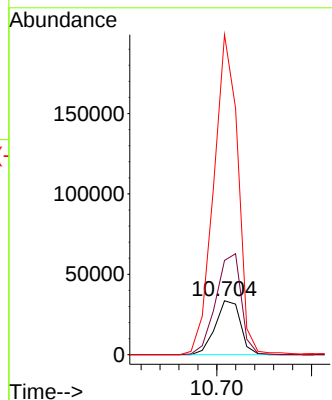
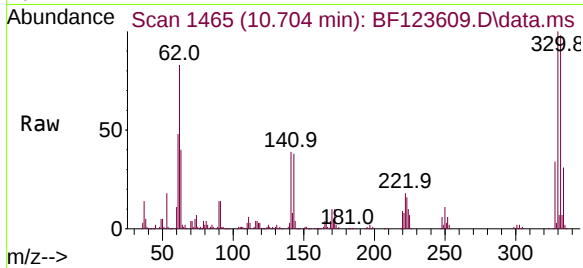




#67
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

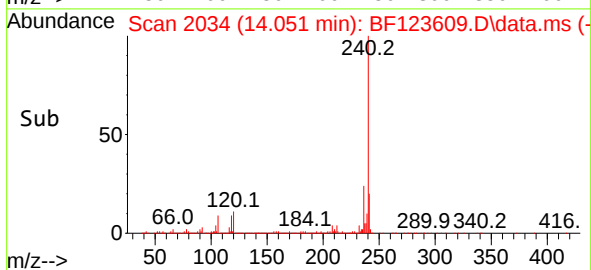
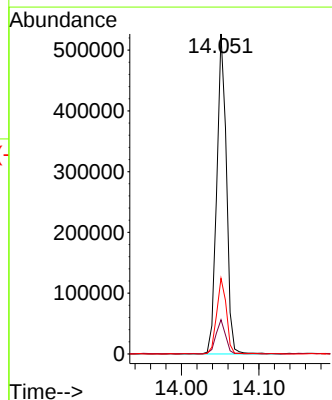
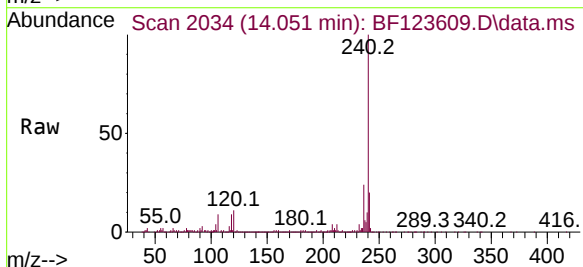
Instrument :
BNA_F
ClientSampleId :
SB-04-0-2.0

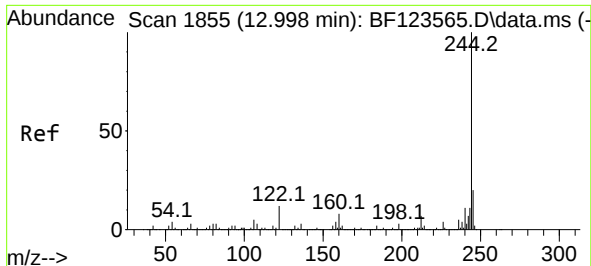
Tgt Ion:248 Resp: 31007
Ion Ratio Lower Upper
248 100
250 175.0 77.4 116.2#
141 594.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Tgt Ion:240 Resp: 456376
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 23.7 19.0 28.4

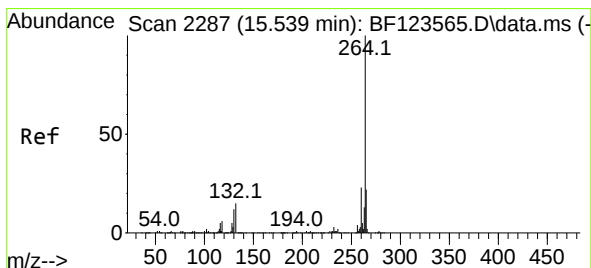
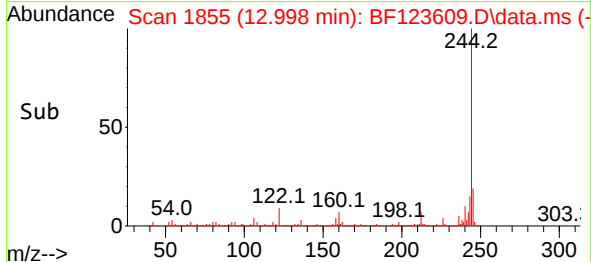
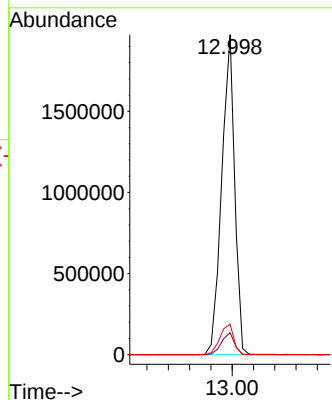
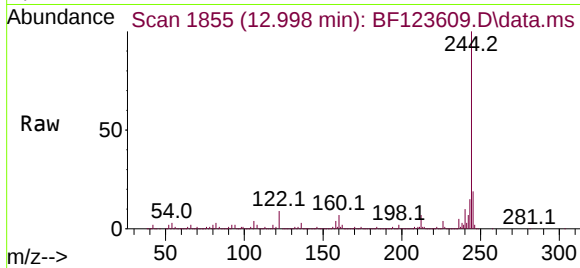




#79
Terphenyl-d14
Concen: 70.66 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Instrument :
BNA_F
ClientSampleId :
SB-04-0-2.0

Tgt Ion:244 Resp: 1659178
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.5 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.006 min
Lab File: BF123609.D
Acq: 17 Apr 2021 00:32

Tgt Ion:264 Resp: 451960
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.7 17.8 26.8

