

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123607.D
 Acq On : 16 Apr 2021 23:27
 Operator : JU/CG
 Sample : M2048-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Apr 17 01:26:55 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)

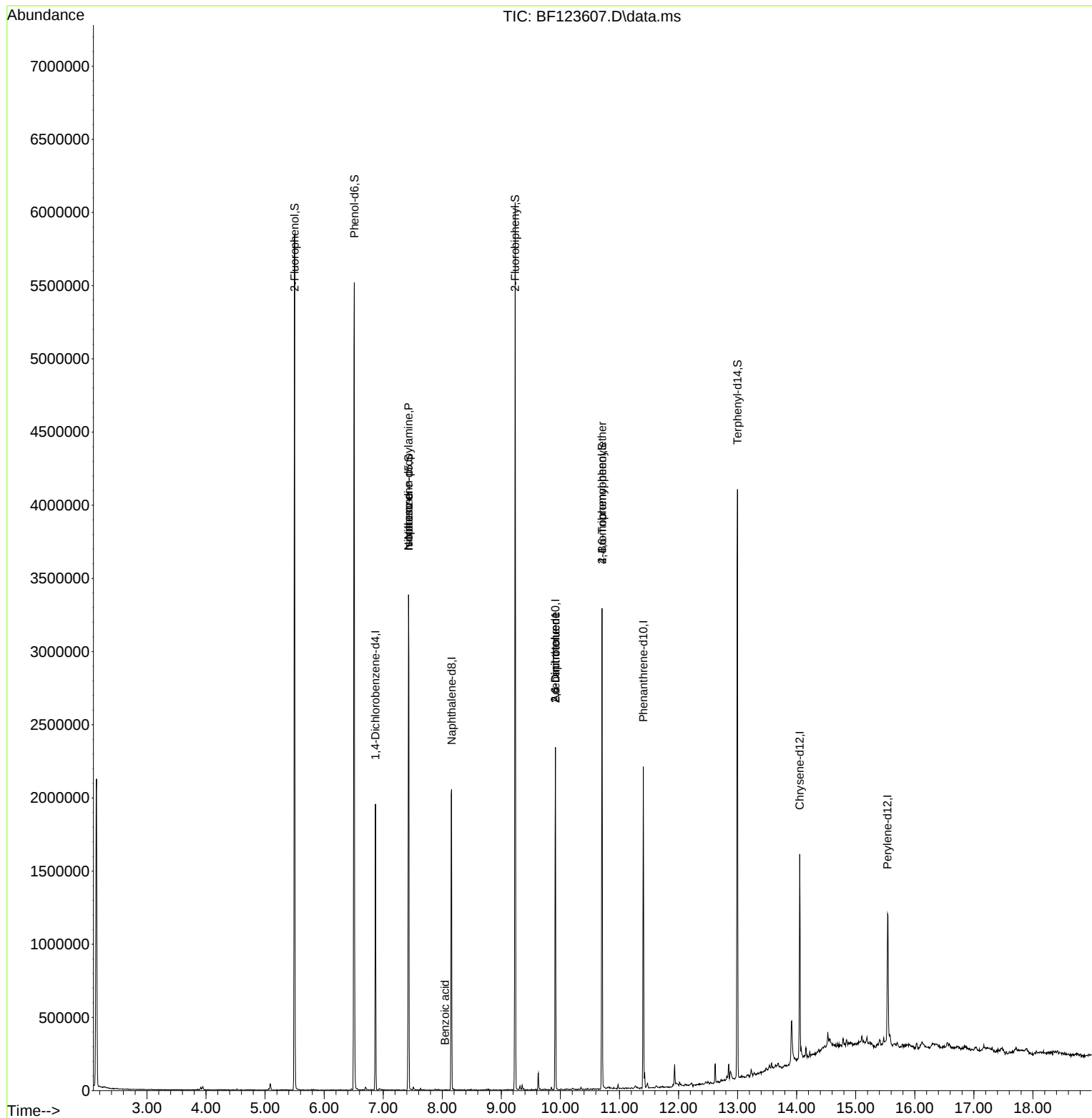
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	225620	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	848291	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	404889	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	710382	20.00	ng	0.00
76) Chrysene-d12	14.051	240	443323	20.00	ng	0.00
86) Perylene-d12	15.539	264	420339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1172882	84.02	ng	0.02
7) Phenol-d6	6.510	99	1503082	77.70	ng	0.01
23) Nitrobenzene-d5	7.428	82	1038764	56.29	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	332248	72.47	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1553795	57.21	ng	0.00
79) Terphenyl-d14	12.998	244	1273845	55.85	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	139254	10.87	ng	# 81
25) Isophorone	7.428	82	1036839	28.96	ng	# 69
32) Benzoic acid	8.045	122	114	4.56	ng	# 1
51) 2,6-Dinitrotoluene	9.916	165	51719	8.42	ng	# 13
57) 2,4-Dinitrotoluene	9.916	165	51719	6.31	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	18794	2.53	ng	# 1
89) Benzo(k)fluoranthene	15.104	252	33119	Below Cal		# 90
92) Benzo(g,h,i)perylene	17.474	276	10744	Below Cal		# 53

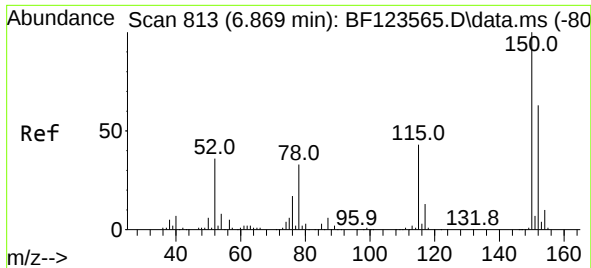
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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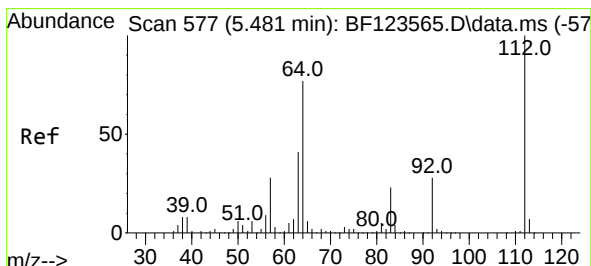
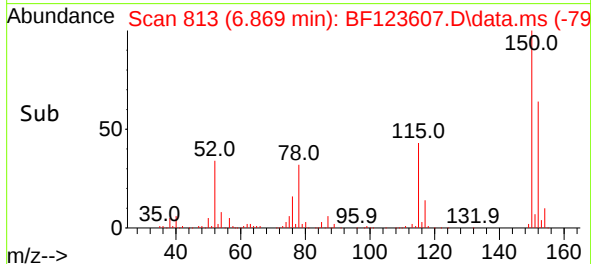
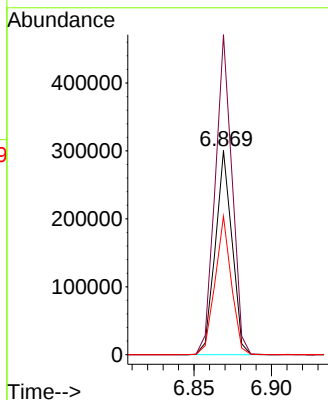
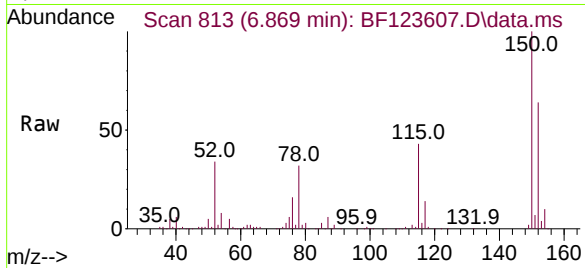




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

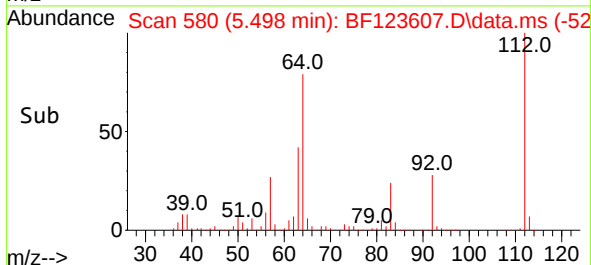
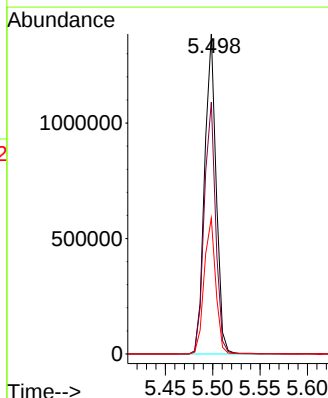
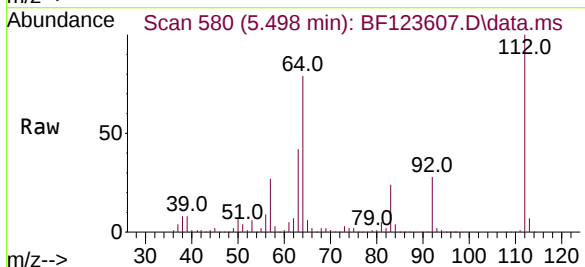
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

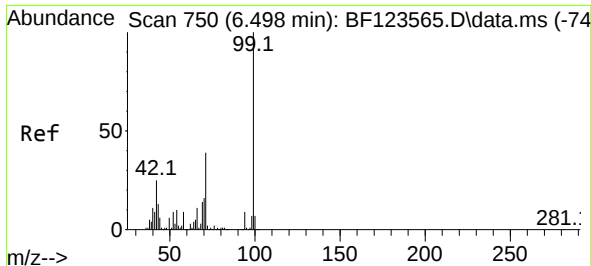
Tgt Ion:152 Resp: 225620
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 67.8 54.3 81.5



#5
2-Fluorophenol
Concen: 84.02 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion:112 Resp: 1172882
Ion Ratio Lower Upper
112 100
64 78.7 61.4 92.0
63 42.4 33.0 49.4

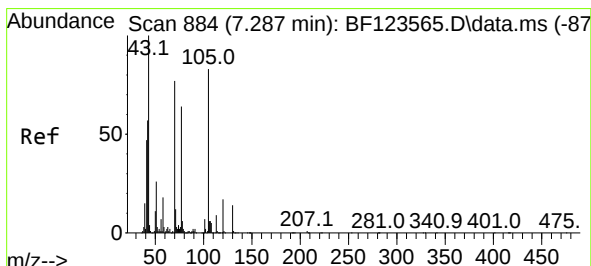
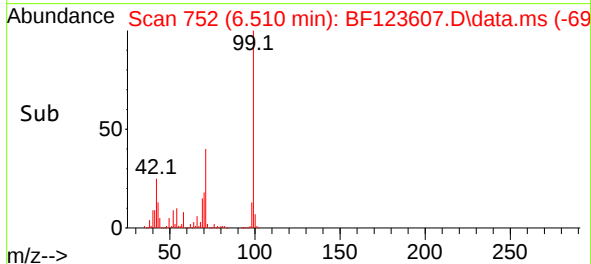
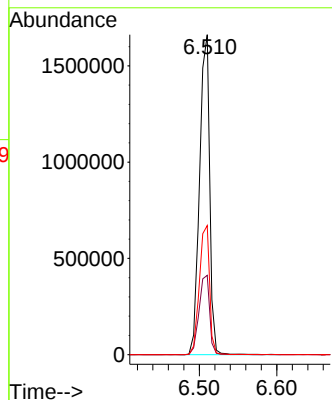
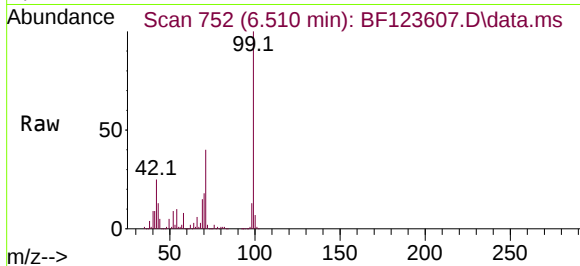




#7
Phenol-d6
Concen: 77.70 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

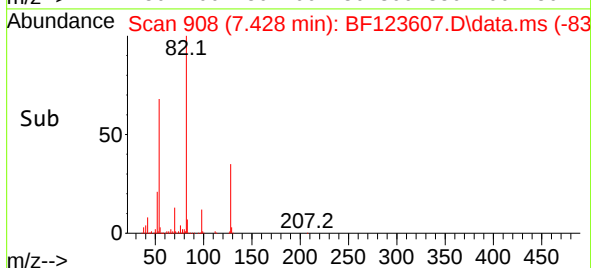
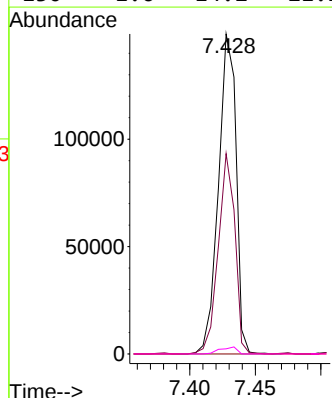
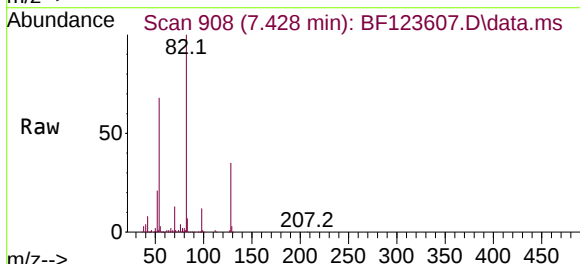
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

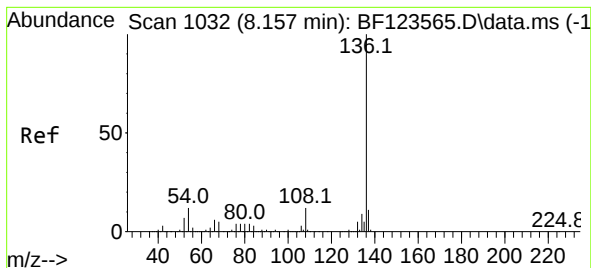
Tgt Ion: 99 Resp: 1503082
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.8
71 40.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.87 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion: 70 Resp: 139254
Ion Ratio Lower Upper
70 100
42 62.6 60.1 90.1
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

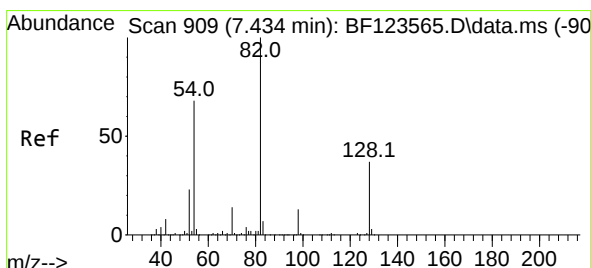
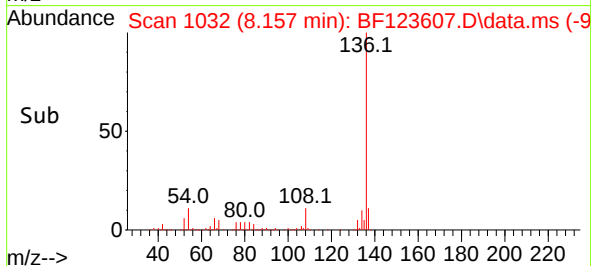
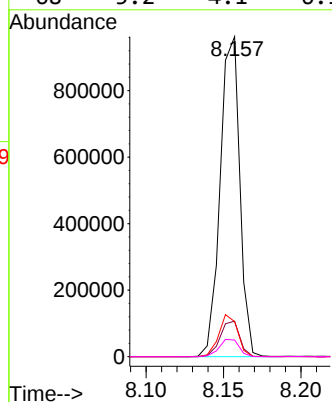
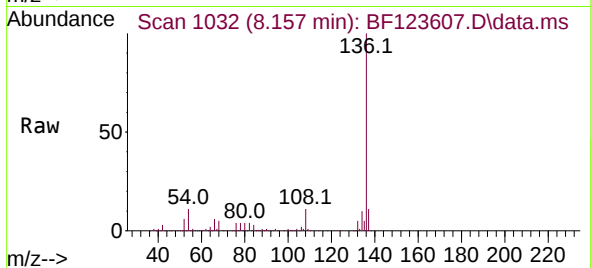




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

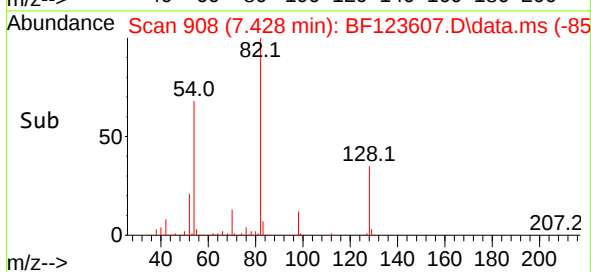
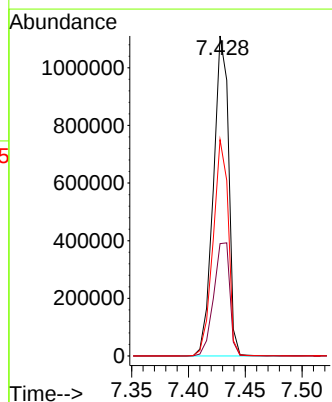
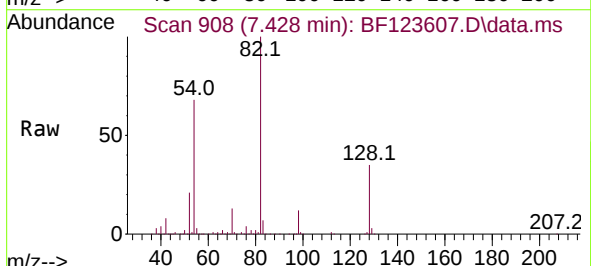
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

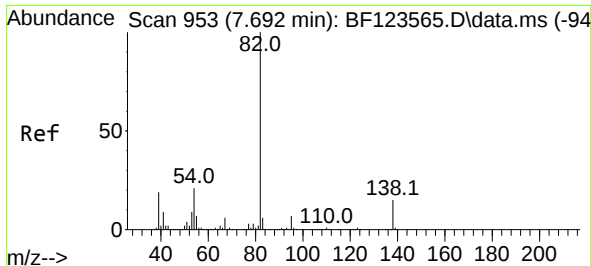
Tgt Ion:	136	Resp:	848291
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.7	13.1
54	11.0	9.8	14.6
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 56.29 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion:	82	Resp:	1038764
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.4	44.2
54	67.6	54.1	81.1

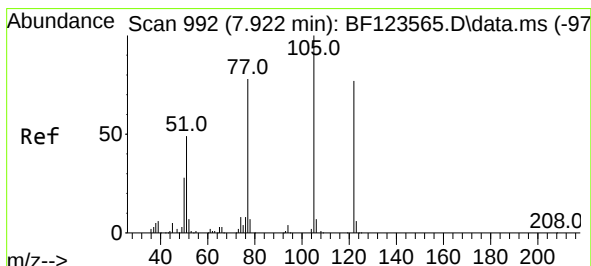
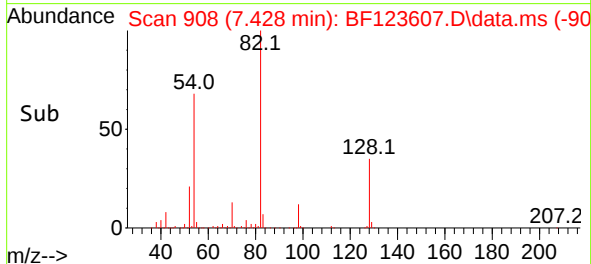
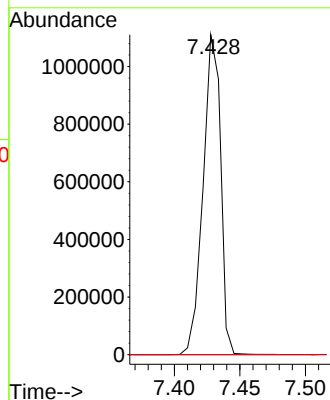
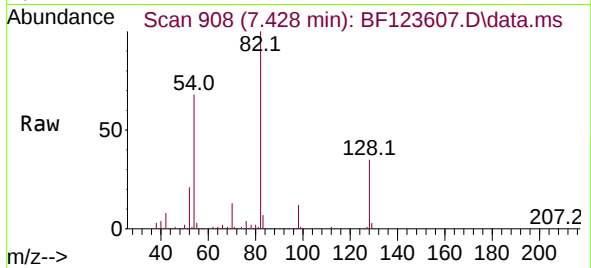




#25
Isophorone
Concen: 28.96 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

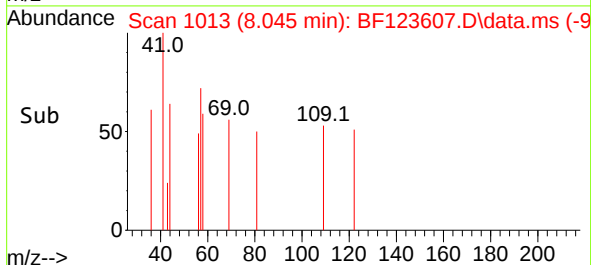
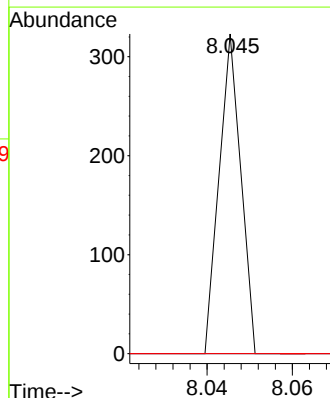
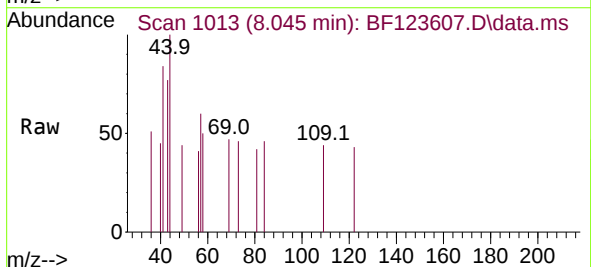
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ClientSampleId :
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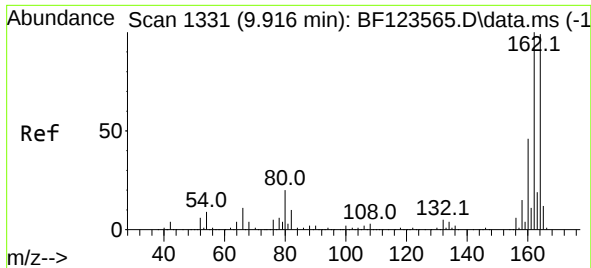
Tgt Ion: 82 Resp: 1036839
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.56 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.124 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion: 122 Resp: 114
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

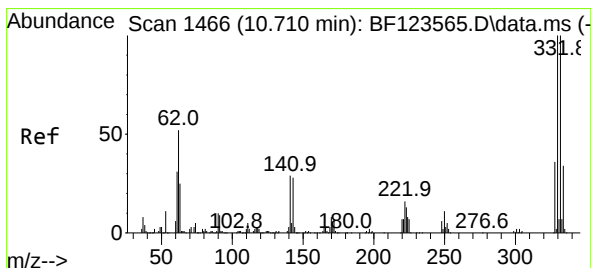
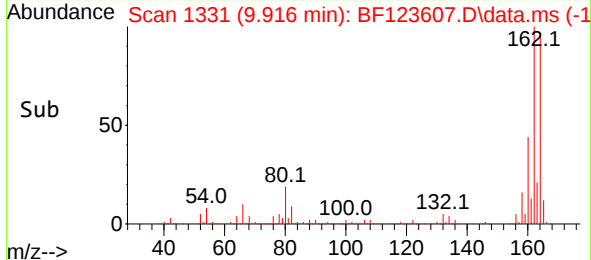
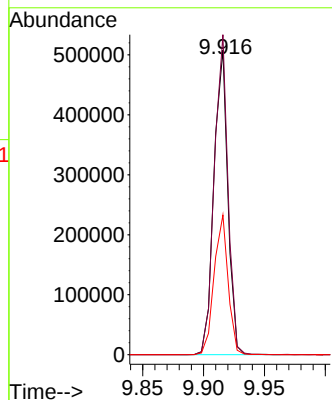
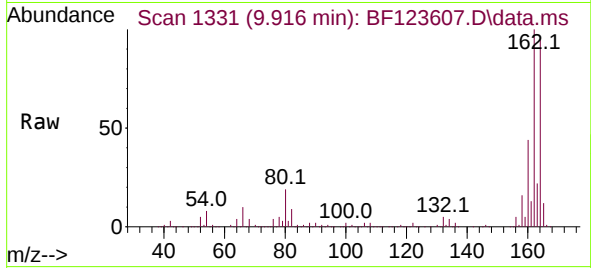




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

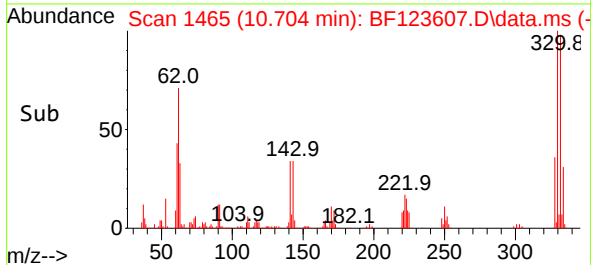
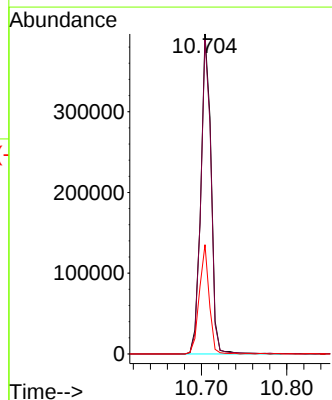
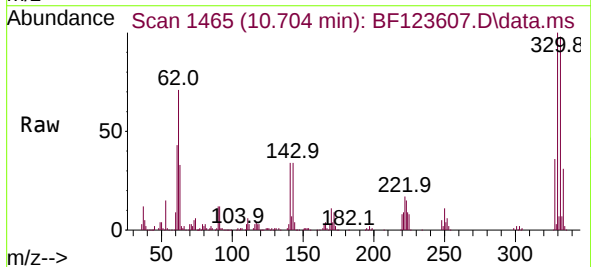
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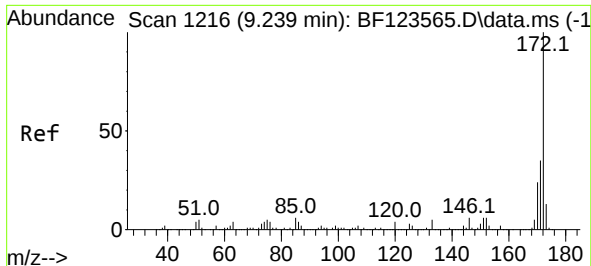
Tgt Ion:164 Resp: 404889
Ion Ratio Lower Upper
164 100
162 105.0 80.7 121.1
160 45.8 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 72.47 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion:330 Resp: 332248
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 32.7 27.9 41.9

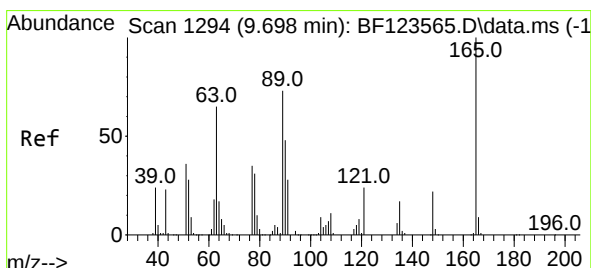
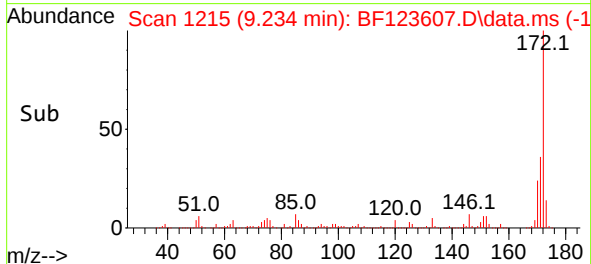
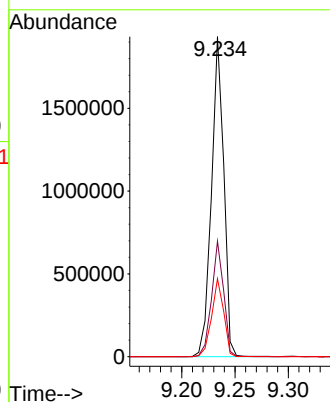
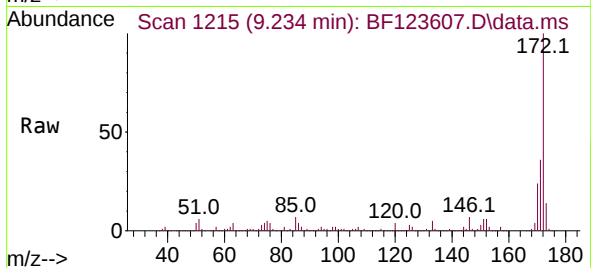




#45
2-Fluorobiphenyl
Concen: 57.21 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

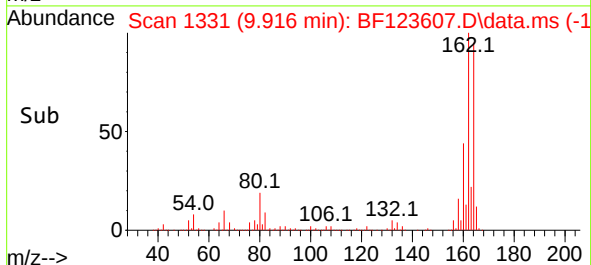
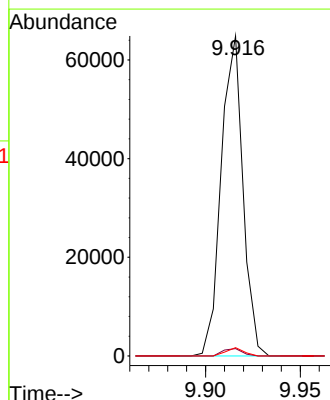
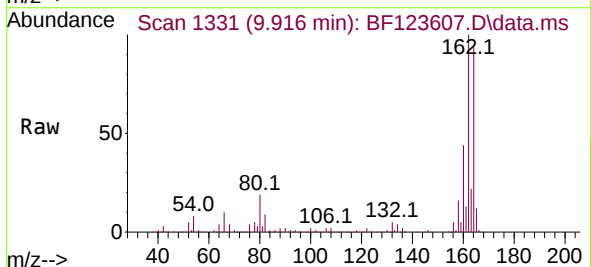
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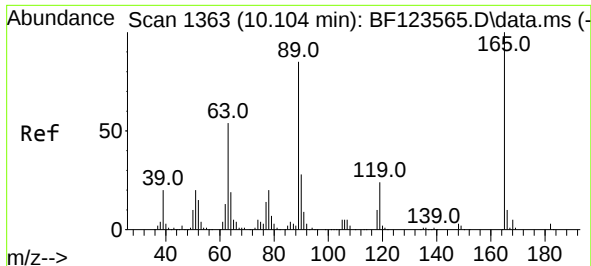
Tgt Ion:172 Resp: 1553795
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.4 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.42 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion:165 Resp: 51719
Ion Ratio Lower Upper
165 100
63 2.3 67.7 101.5#
89 2.6 58.8 88.2#

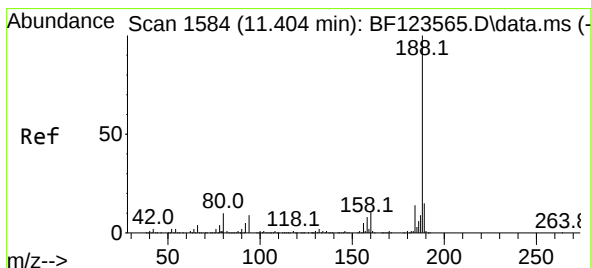
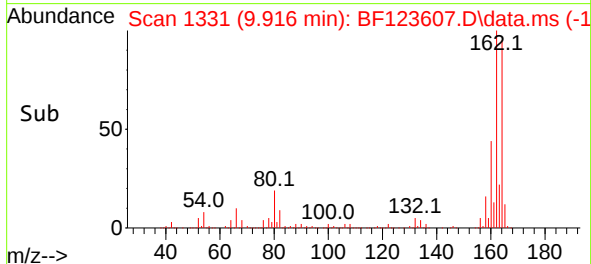
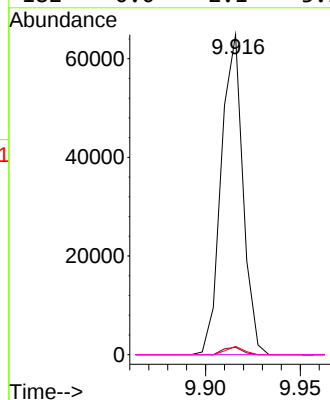
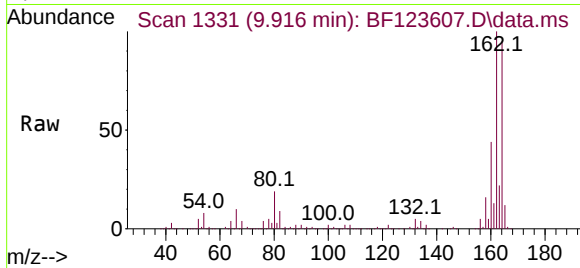




#57
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

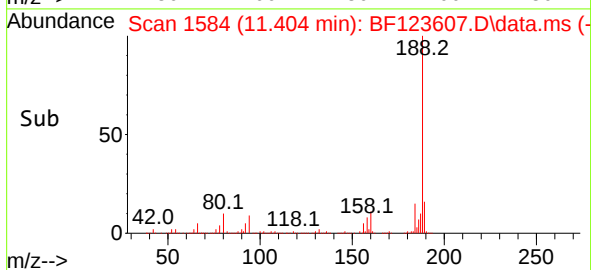
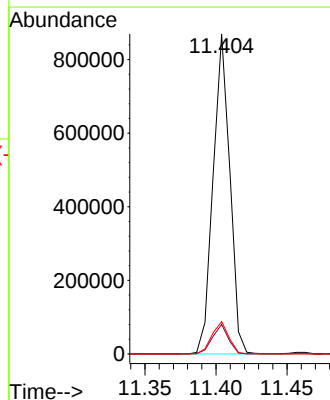
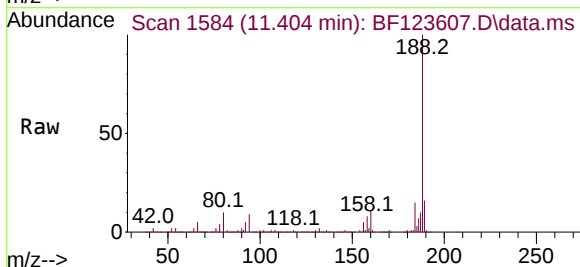
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

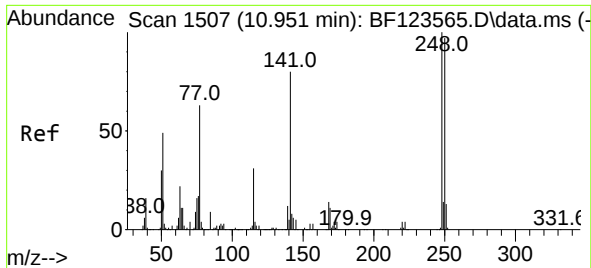
Tgt Ion:165	Resp:	51719
Ion Ratio	Lower	Upper
165	100	
63	2.3	43.5 65.3#
89	2.6	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion:188	Resp:	710382
Ion Ratio	Lower	Upper
188	100	
94	9.3	6.9 10.3
80	10.2	8.2 12.2

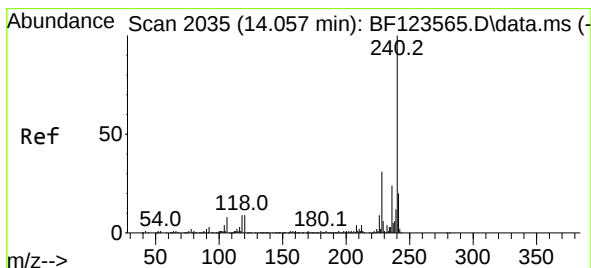
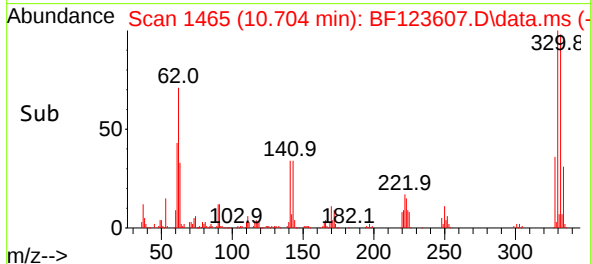
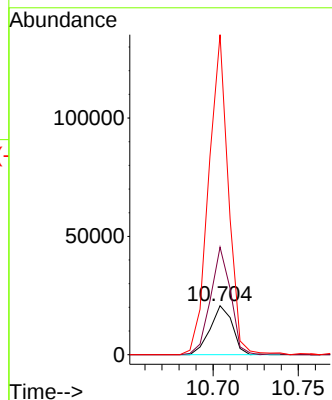
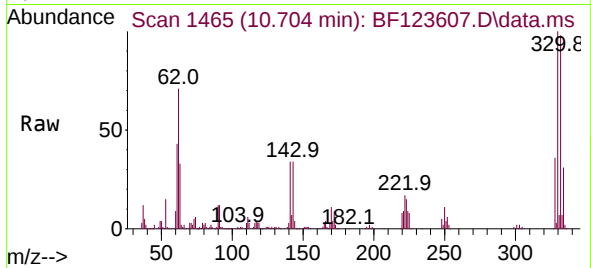




#67
4-Bromophenyl-phenylether
Concen: 2.53 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

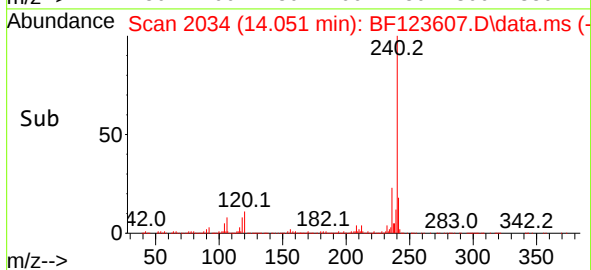
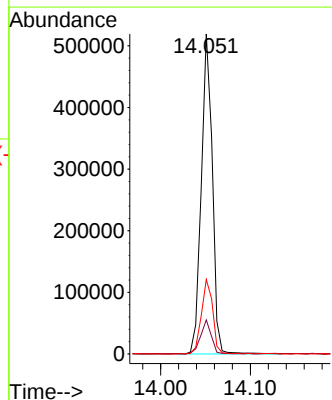
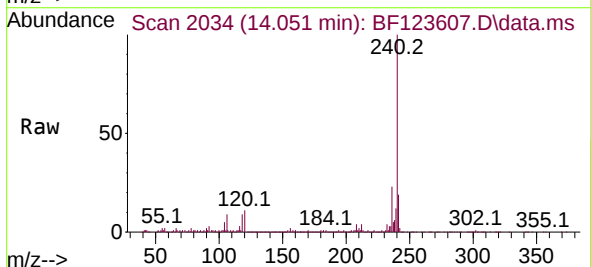
Instrument :
BNA_F
ClientSampleId :
SB-03-0-2.0

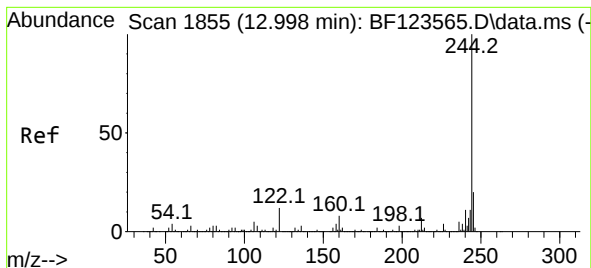
Tgt Ion:248 Resp: 18794
Ion Ratio Lower Upper
248 100
250 220.0 77.4 116.2#
141 654.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123607.D
Acq: 16 Apr 2021 23:27

Tgt Ion:240 Resp: 443323
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 23.2 19.0 28.4





#79

Terphenyl-d14

Concen: 55.85 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.000 min

Lab File: BF123607.D

Acq: 16 Apr 2021 23:27

Tgt Ion:244 Resp: 1273845

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

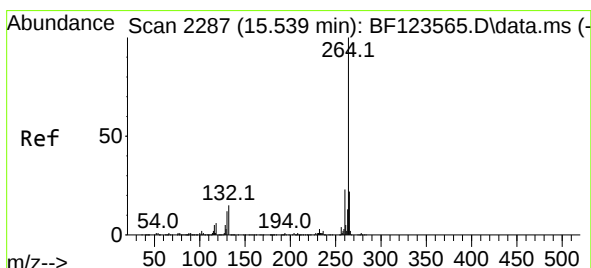
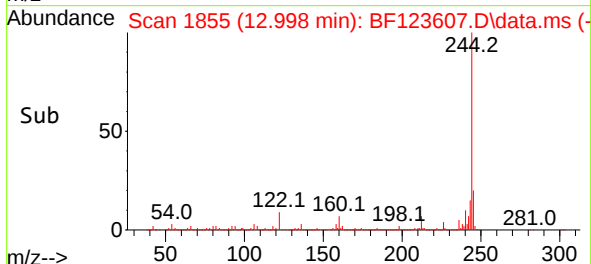
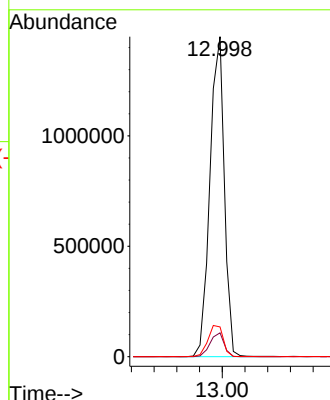
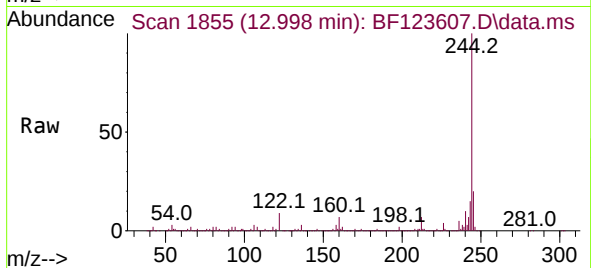
122 9.3 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

SB-03-0-2.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.539 min Scan# 2287

Delta R.T. 0.000 min

Lab File: BF123607.D

Acq: 16 Apr 2021 23:27

Tgt Ion:264 Resp: 420339

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.6 17.8 26.8

