

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123966.D
 Acq On : 17 May 2021 16:40
 Operator : JU/CG
 Sample : M2420-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCESSION-CP-1

Quant Time: May 17 17:38:45 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)

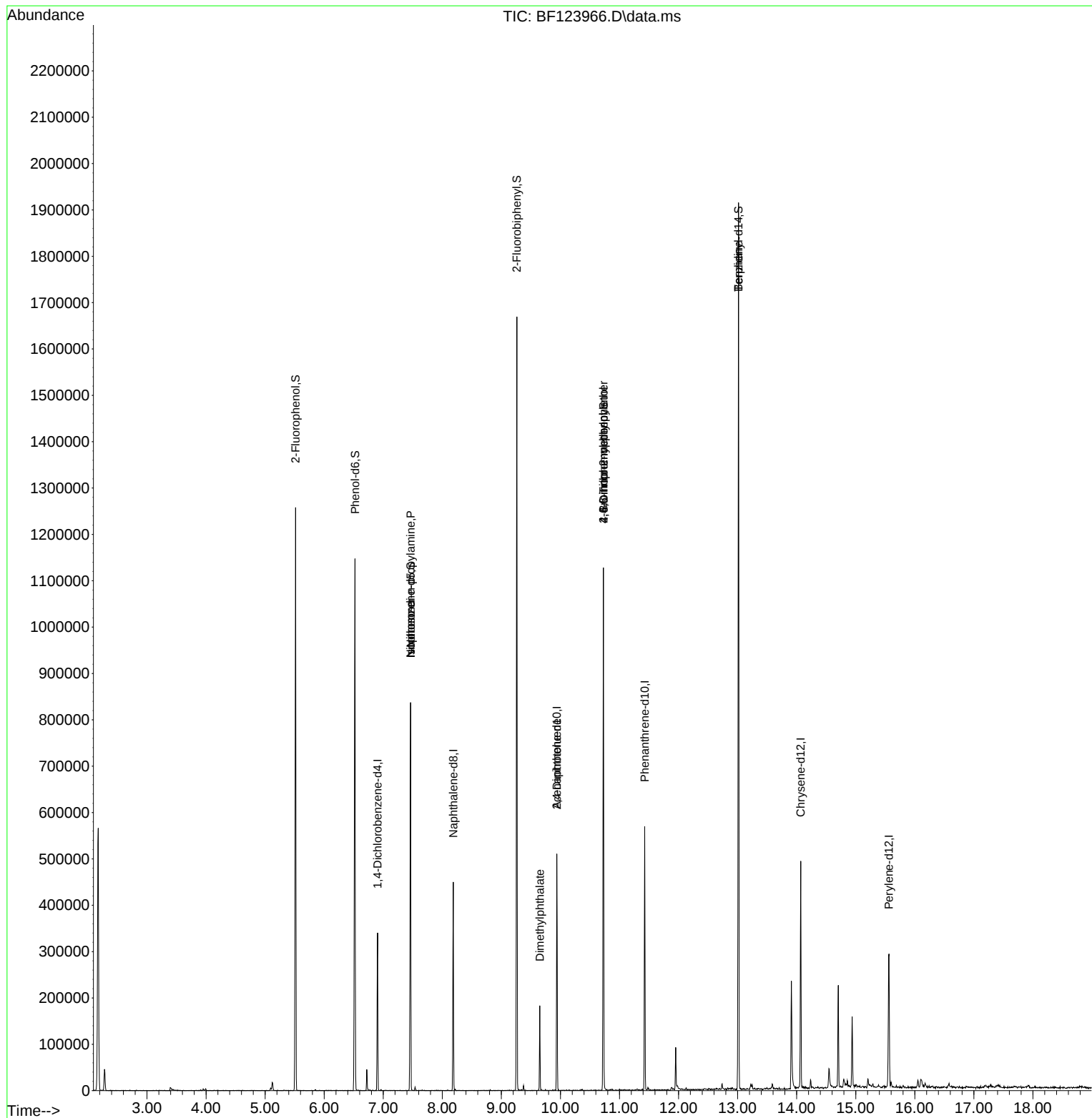
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	40399	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	154091	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	88923	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	173153	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	142597	20.00	ng	0.00
86) Perylene-d12	15.562	264	127939	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	252806	87.86	ng	0.00
7) Phenol-d6	6.522	99	309174	82.83	ng	0.00
23) Nitrobenzene-d5	7.463	82	228682	63.94	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	101626	95.15	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	411770	56.98	ng	0.00
79) Terphenyl-d14	13.016	244	544619	57.85	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	31454	12.47	ng	# 80
25) Isophorone	7.463	82	228676	33.24	ng	# 69
50) Dimethylphthalate	9.651	163	54216	7.64	ng	96
57) 2,4-Dinitrotoluene	9.939	165	11536	6.55	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.727	198	414	5.77	ng	# 44
67) 4-Bromophenyl-phenylether	10.727	248	6415	2.82	ng	# 1
77) Benzidine	13.016	184	9268	2.69	ng	# 90

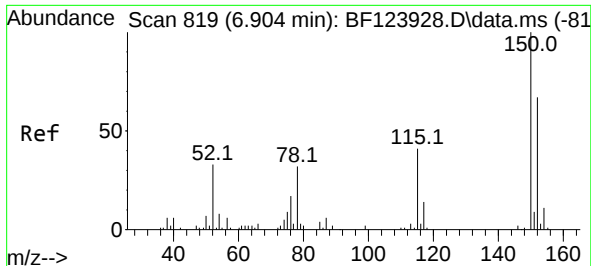
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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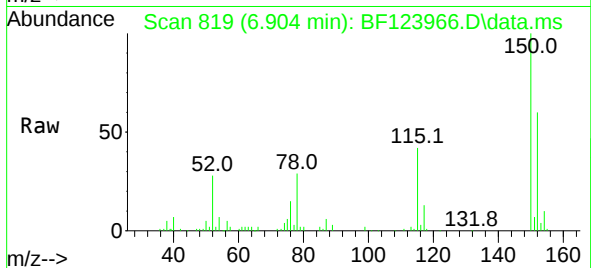
Quant Time: May 17 17:38:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
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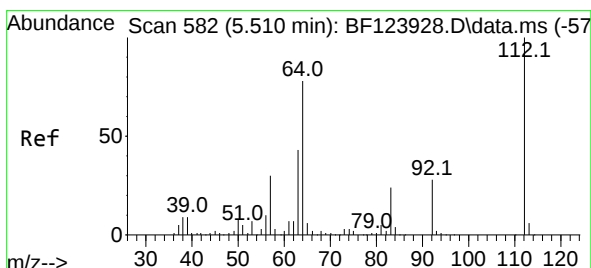
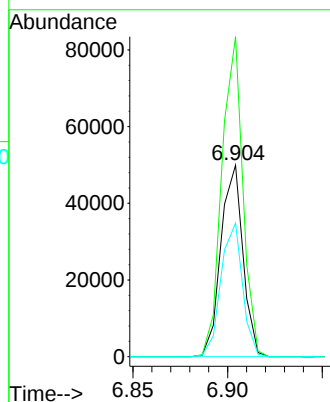
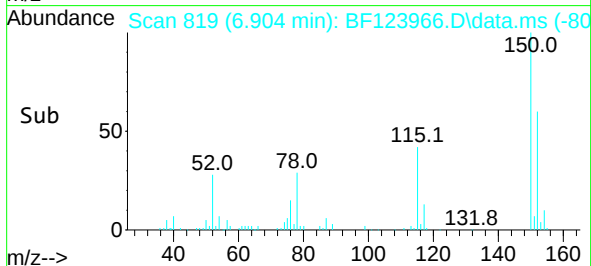


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

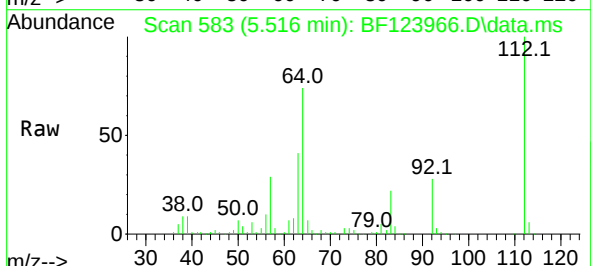
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-1



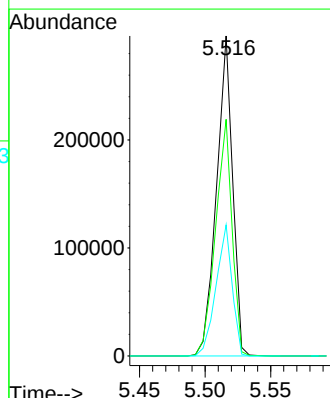
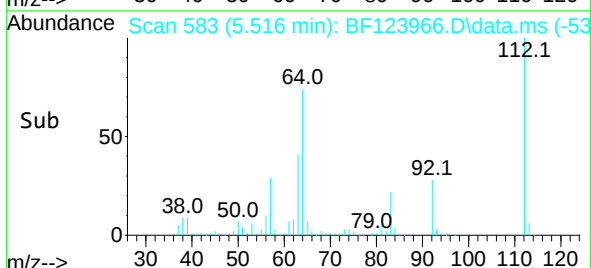
Tgt Ion:152 Resp: 40399
Ion Ratio Lower Upper
152 100
150 167.1 127.0 190.6
115 69.8 54.3 81.5

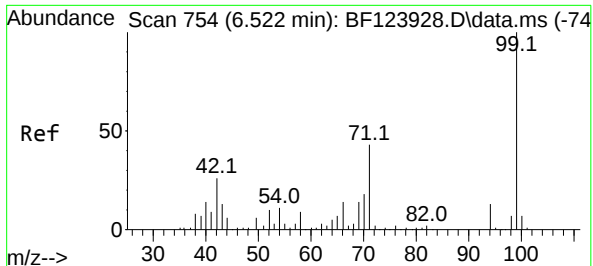


#5
2-Fluorophenol
Concen: 87.86 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40



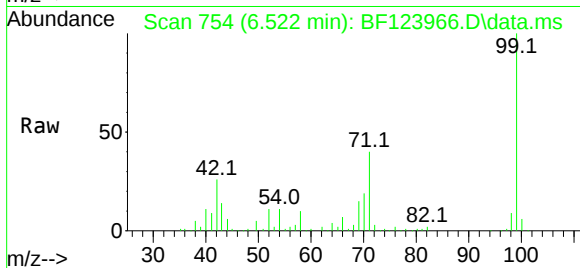
Tgt Ion:112 Resp: 252806
Ion Ratio Lower Upper
112 100
64 74.0 61.4 92.0
63 41.0 33.0 49.4



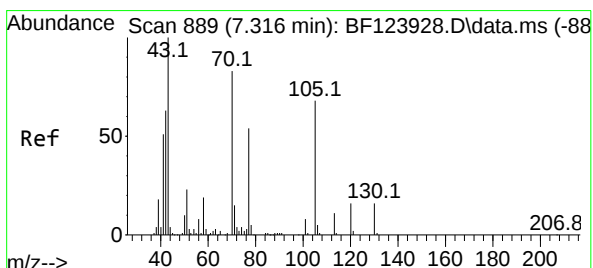
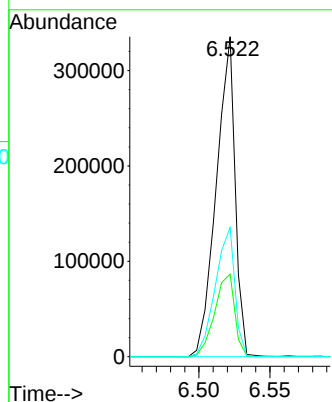
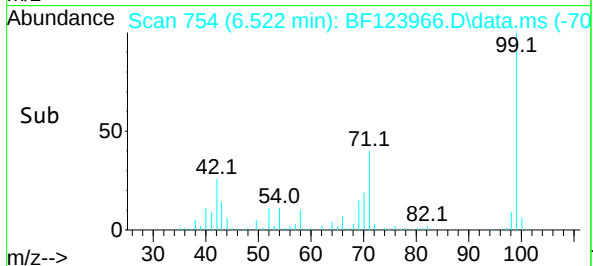


#7
Phenol-d6
Concen: 82.83 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

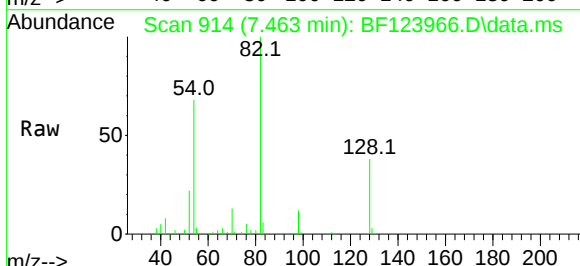
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-1



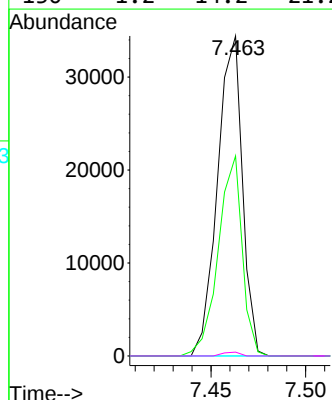
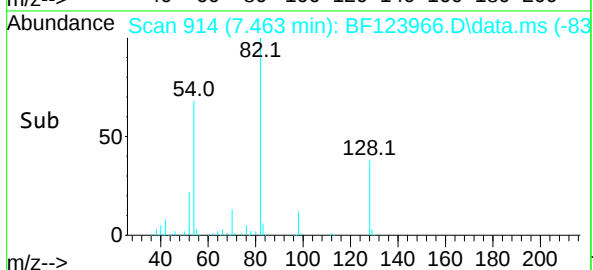
Tgt Ion: 99 Resp: 309174
Ion Ratio Lower Upper
99 100
42 25.8 19.8 29.8
71 40.4 31.1 46.7

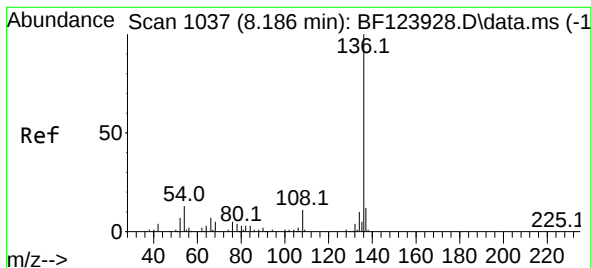


#19
n-Nitroso-di-n-propylamine
Concen: 12.47 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40



Tgt Ion: 70 Resp: 31454
Ion Ratio Lower Upper
70 100
42 62.5 60.1 90.1
101 0.0 7.4 11.2#
130 1.2 14.2 21.2#

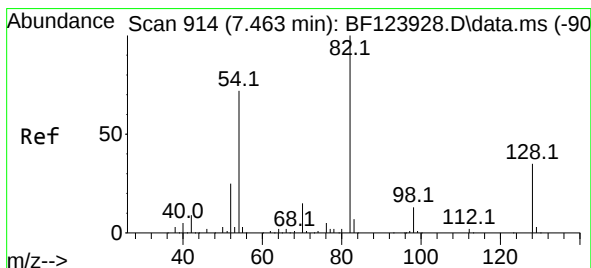
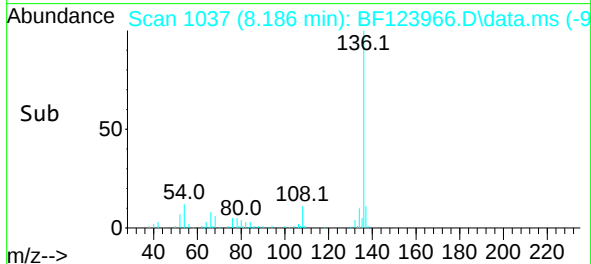
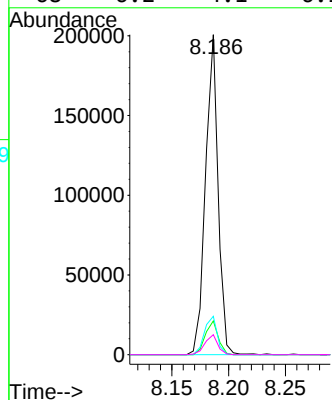
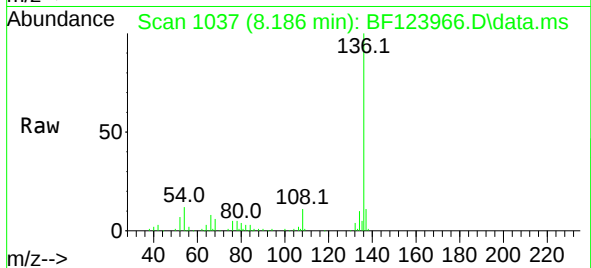




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

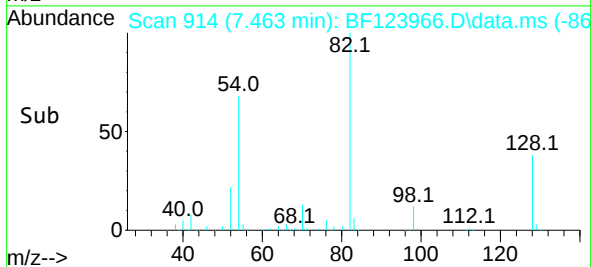
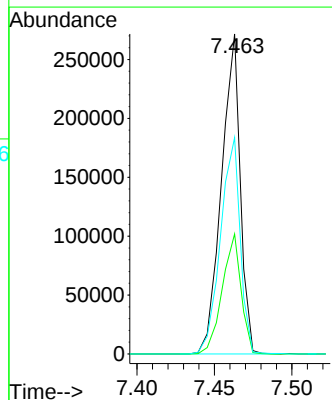
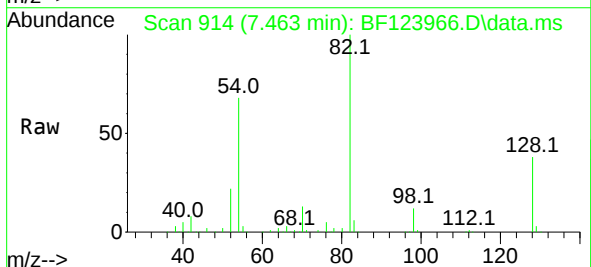
Instrument :
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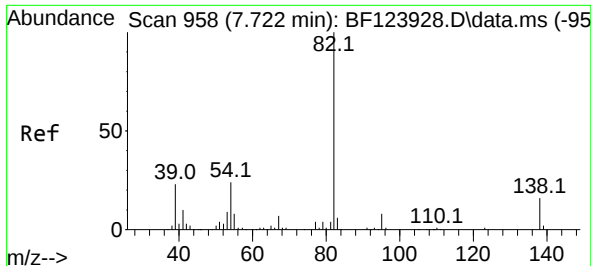
Tgt Ion:	136	Resp:	154091
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	12.0	9.8	14.6
68	6.2	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 63.94 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

Tgt Ion:	82	Resp:	228682
Ion Ratio	Lower	Upper	
82	100		
128	37.5	29.4	44.2
54	67.6	54.1	81.1

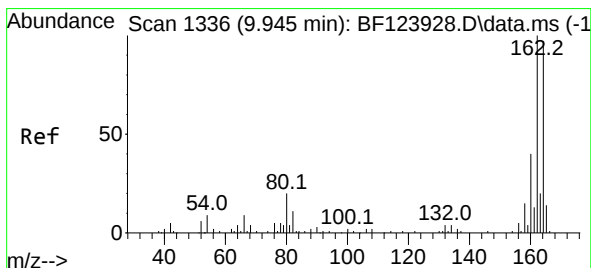
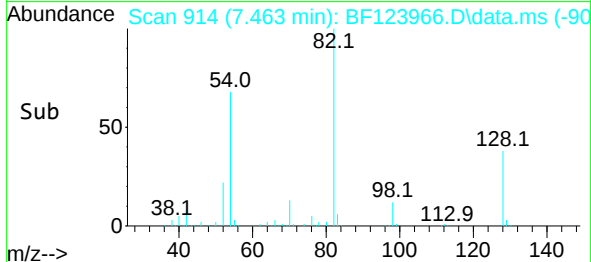
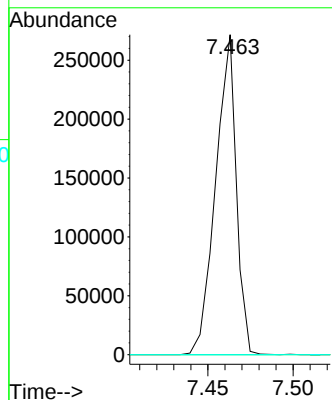
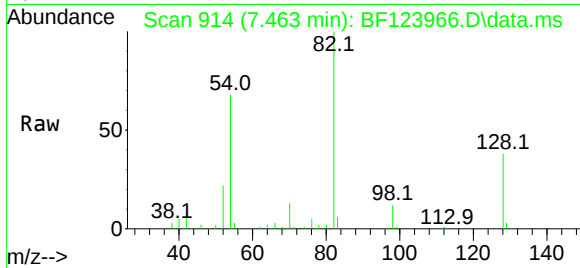




#25
Isophorone
Concen: 33.24 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

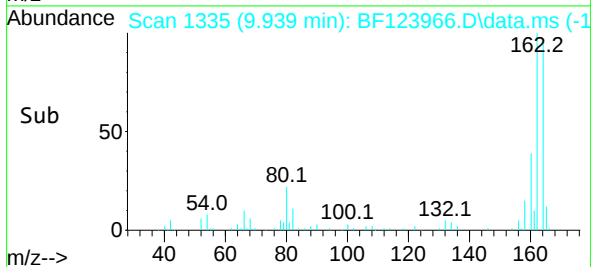
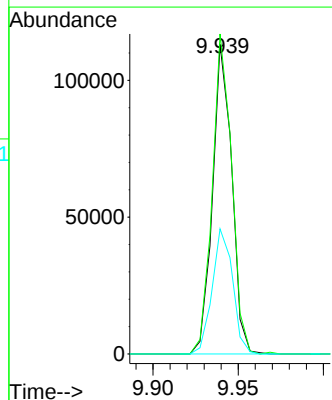
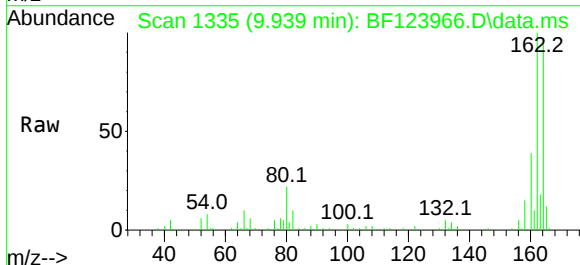
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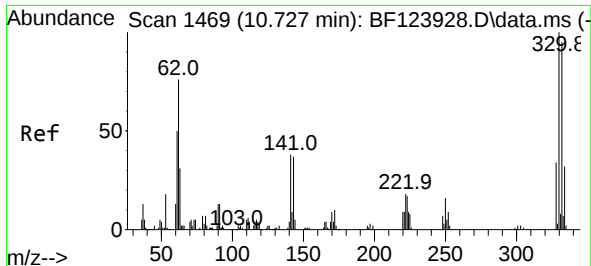
Tgt Ion: 82 Resp: 228676
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

Tgt Ion: 164 Resp: 88923
Ion Ratio Lower Upper
164 100
162 103.3 80.7 121.1
160 40.4 37.3 55.9

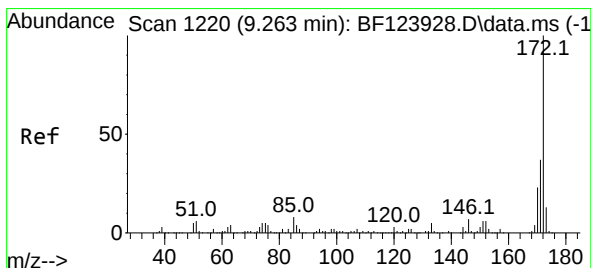
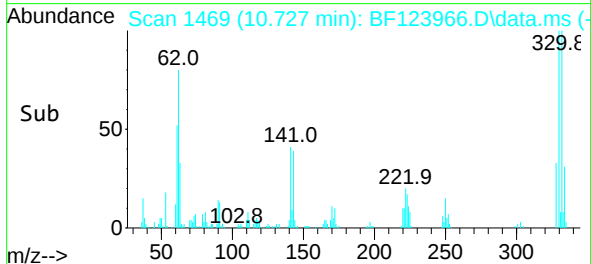
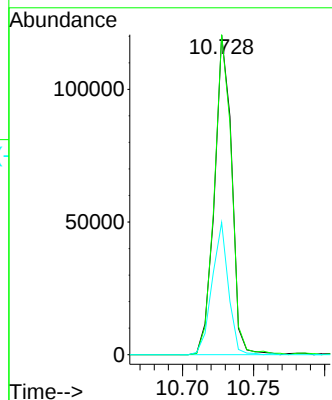
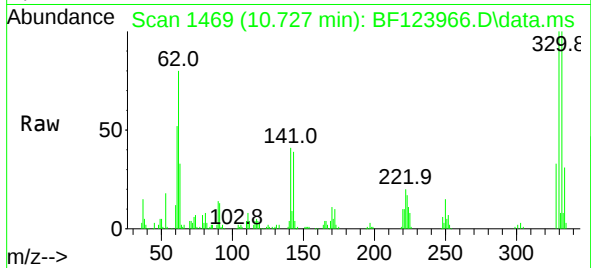




#42
2,4,6-Tribromophenol
Concen: 95.15 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

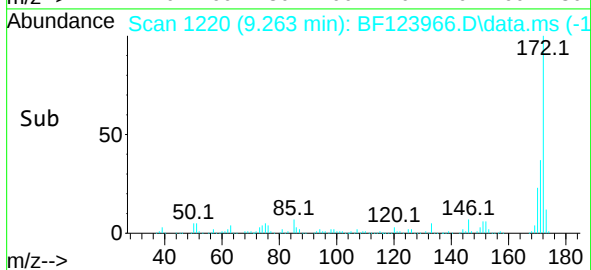
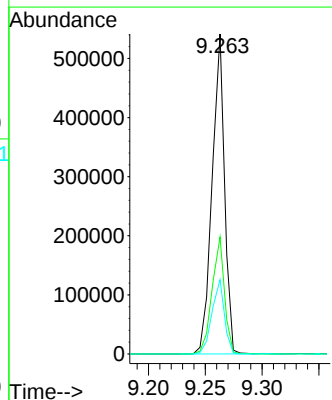
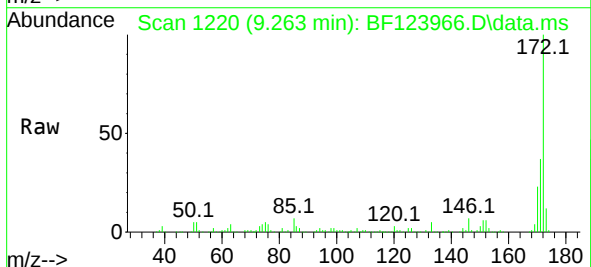
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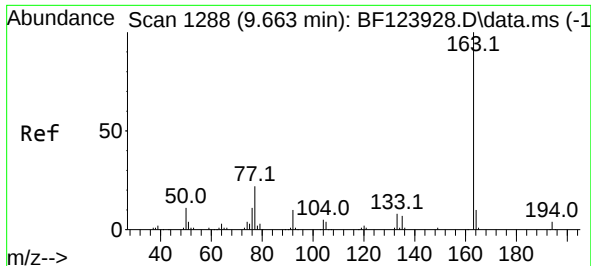
Tgt Ion: 330 Resp: 101626
Ion Ratio Lower Upper
330 100
332 100.0 77.1 115.7
141 39.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 56.98 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

Tgt Ion: 172 Resp: 411770
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 23.2 19.2 28.8

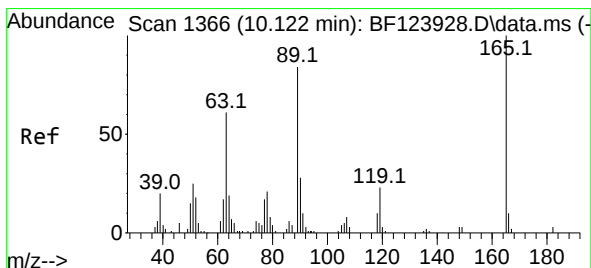
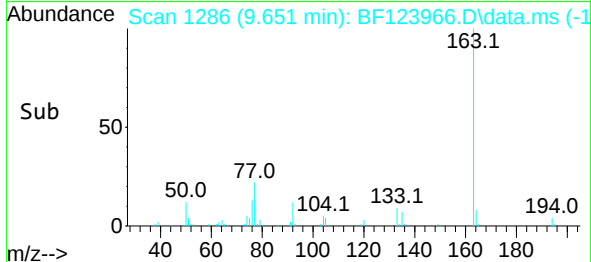
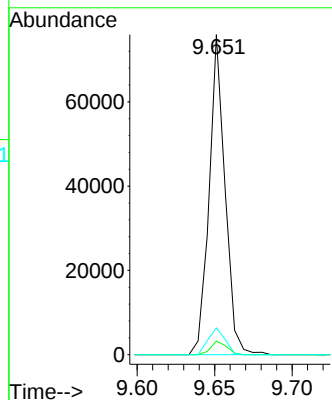
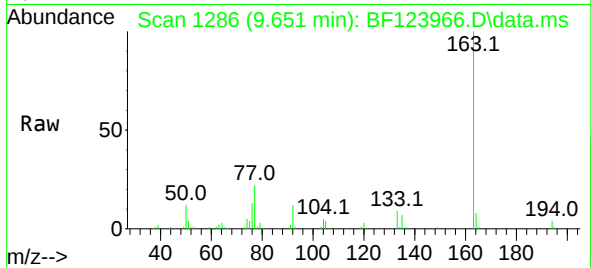




#50
Dimethylphthalate
Concen: 7.64 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

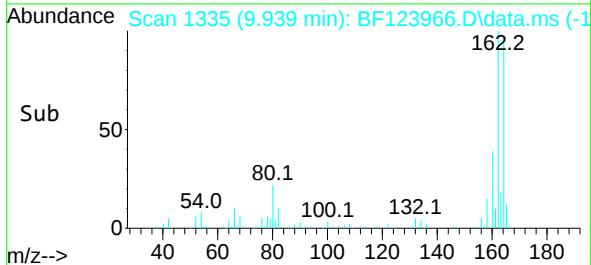
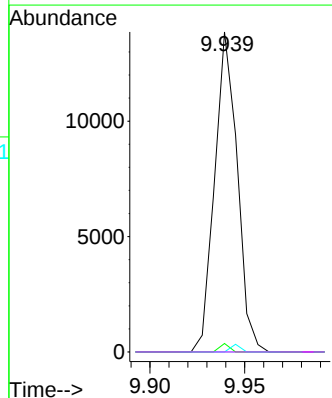
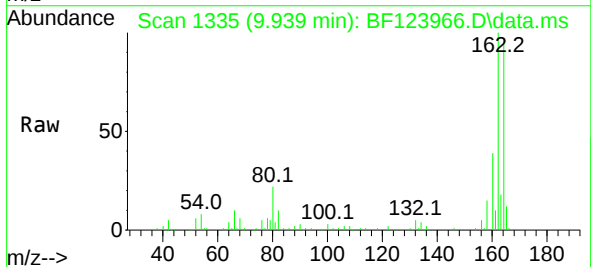
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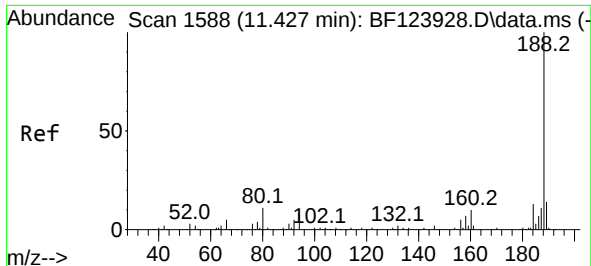
Tgt Ion:163 Resp: 54216
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 8.3 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

Tgt Ion:165 Resp: 11536
Ion Ratio Lower Upper
165 100
63 2.6 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

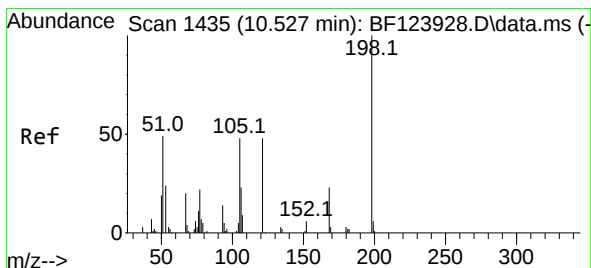
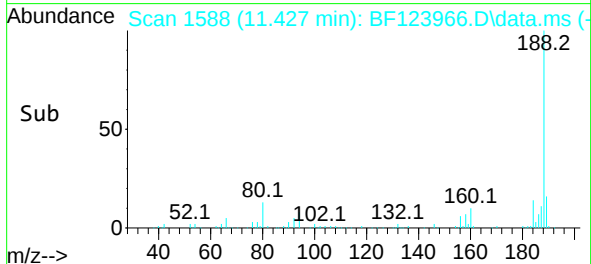
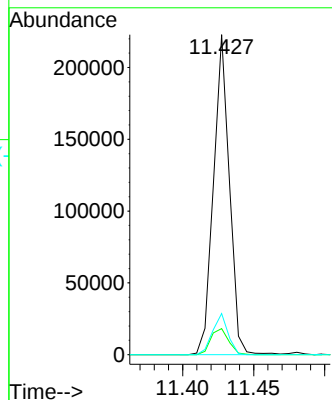
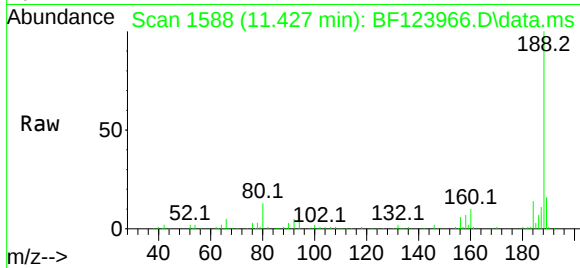




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

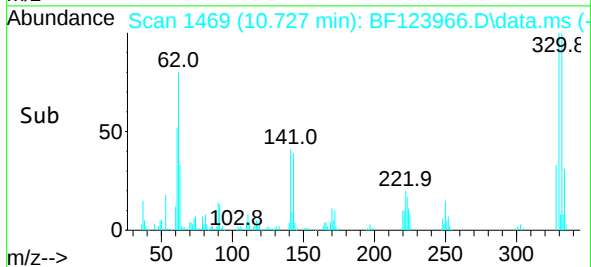
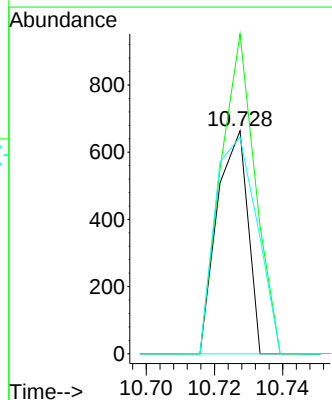
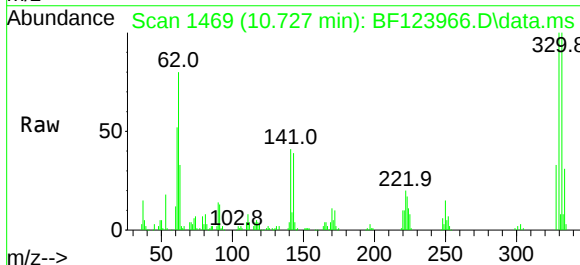
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-1

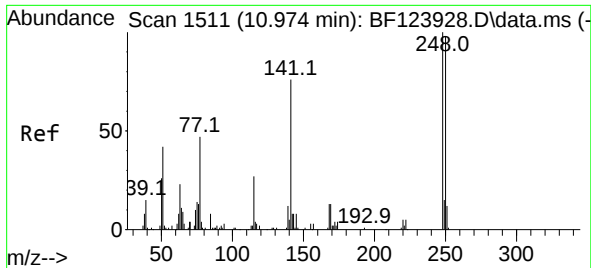
Tgt Ion:188 Resp: 173153
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 12.8 8.2 12.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.77 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

Tgt Ion:198 Resp: 414
Ion Ratio Lower Upper
198 100
51 143.4 64.8 104.8#
105 97.1 42.6 82.6#

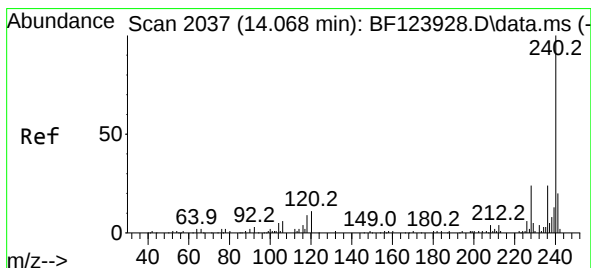
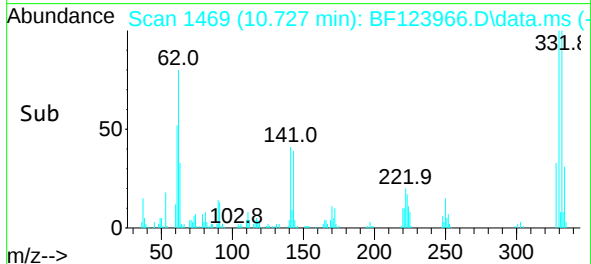
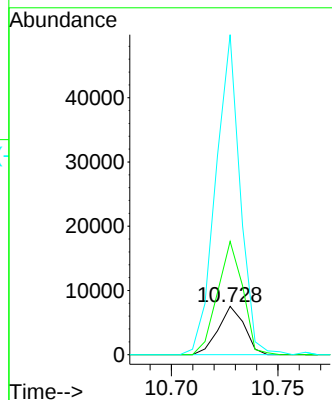
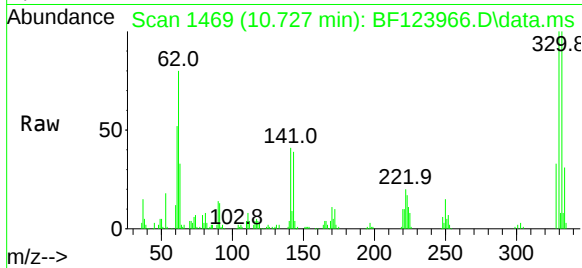




#67
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

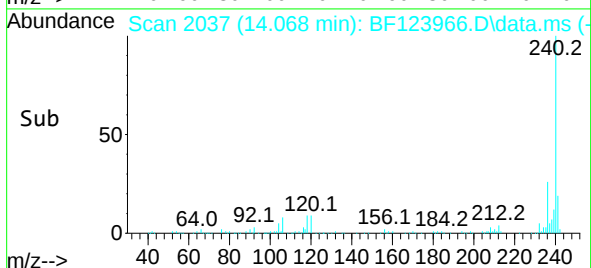
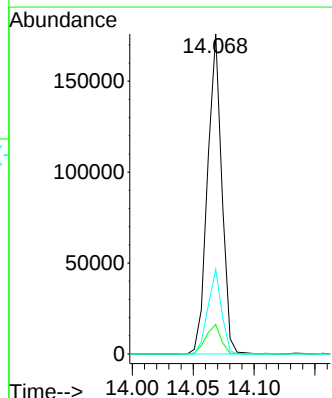
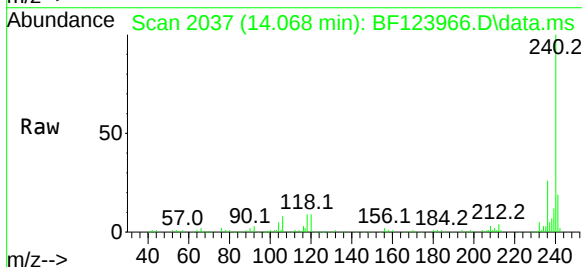
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-1

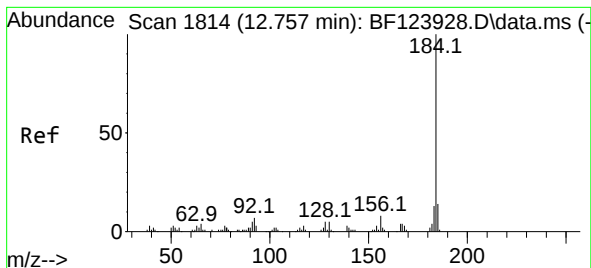
Tgt Ion:248 Resp: 6415
Ion Ratio Lower Upper
248 100
250 234.6 77.4 116.2#
141 662.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123966.D
Acq: 17 May 2021 16:40

Tgt Ion:240 Resp: 142597
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 26.4 19.0 28.4





#77

Benzidine

Concen: 2.69 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF123966.D

Acq: 17 May 2021 16:40

Tgt Ion:184 Resp: 9268

Ion Ratio Lower Upper

184 100

185 19.4 12.1 18.1#

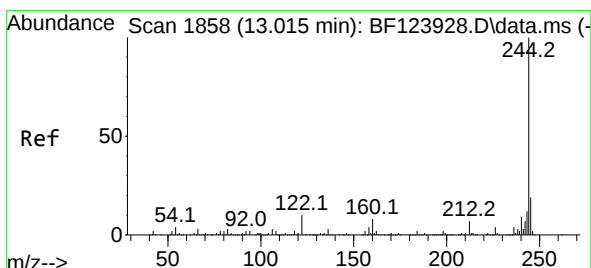
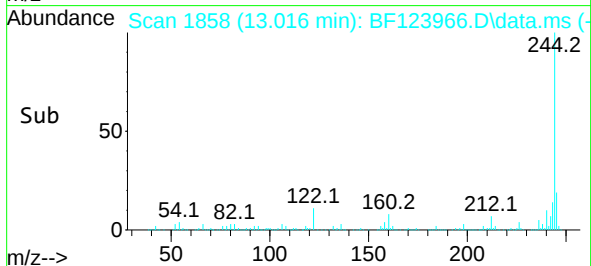
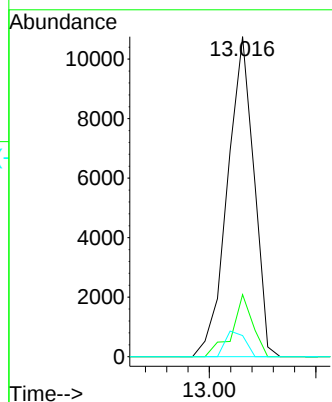
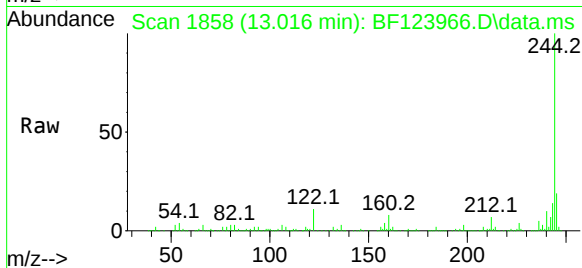
183 6.6 7.8 11.8#

Instrument :

BNA_F

ClientSampleId :

CONCESSION-CP-1



#79

Terphenyl-d14

Concen: 57.85 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BF123966.D

Acq: 17 May 2021 16:40

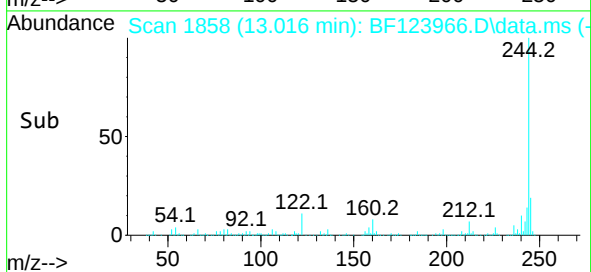
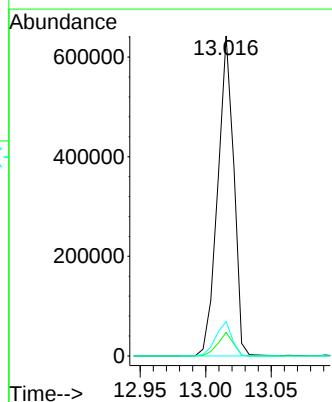
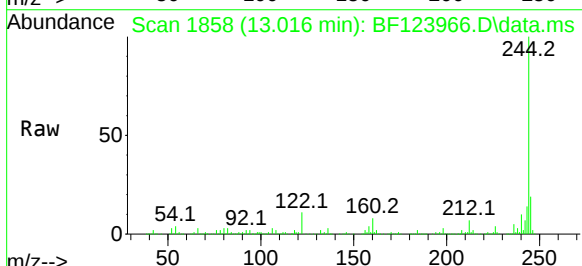
Tgt Ion:244 Resp: 544619

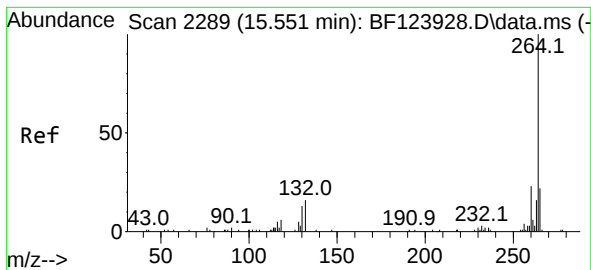
Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

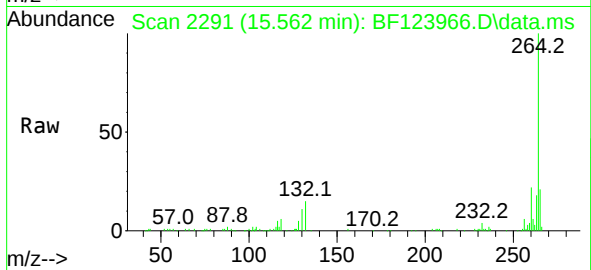
122 10.7 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF123966.D
 Acq: 17 May 2021 16:40

Instrument :
 BNA_F
 ClientSampleId :
 CONCESSION-CP-1



Tgt Ion:	264	Resp:	127939
Ion Ratio	Lower	Upper	
264	100		
260	21.7	18.7	28.1
265	21.4	17.8	26.8

