

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123968.D
 Acq On : 17 May 2021 17:45
 Operator : JU/CG
 Sample : M2420-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCESSION-CP-4

Quant Time: May 17 18:24:26 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)

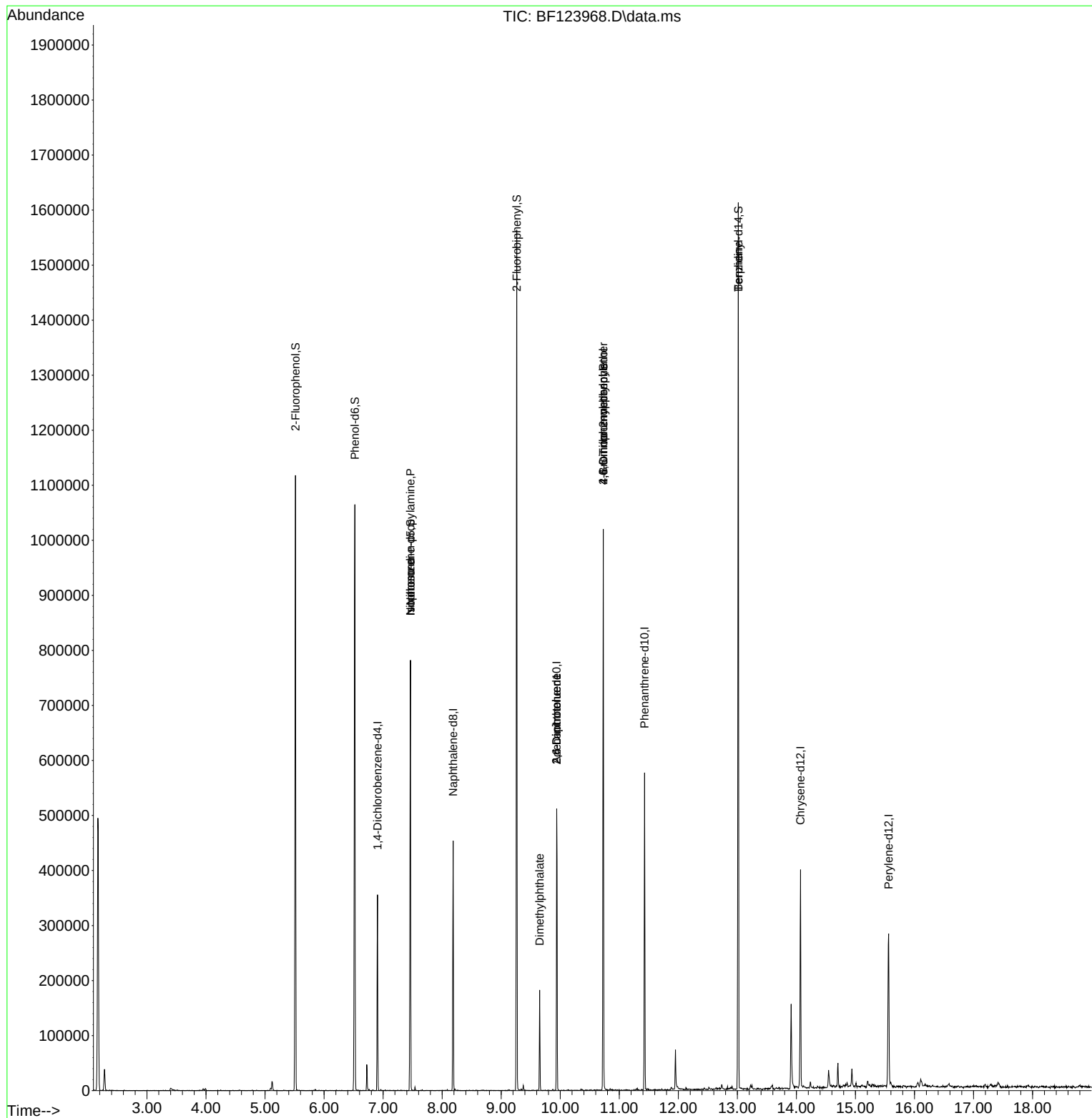
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	41999	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	156017	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	91450	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	171625	20.00	ng	0.00
76) Chrysene-d12	14.068	240	118897	20.00	ng	0.00
86) Perylene-d12	15.562	264	121715	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	223292	74.65	ng	0.00
7) Phenol-d6	6.522	99	279874	72.12	ng	0.00
23) Nitrobenzene-d5	7.463	82	208774	57.66	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	88169	80.27	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	385684	51.90	ng	0.00
79) Terphenyl-d14	13.015	244	437096	55.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	27466	10.47	ng	Qvalue
25) Isophorone	7.463	82	208769	29.97	ng	# 81
50) Dimethylphthalate	9.651	163	51705	7.08	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	12068	8.17	ng	# 99
57) 2,4-Dinitrotoluene	9.939	165	12068	6.66	ng	# 12
65) 4,6-Dinitro-2-methylph...	10.727	198	208	5.60	ng	# 17
67) 4-Bromophenyl-phenylether	10.727	248	6262	2.78	ng	# 65
77) Benzidine	13.015	184	6920	2.41	ng	# 1

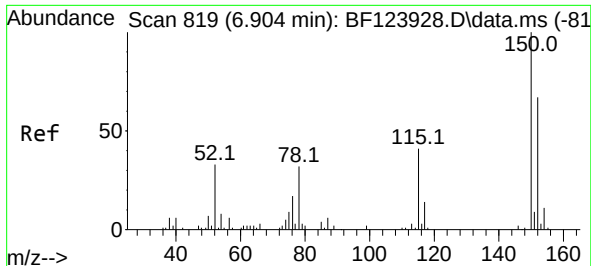
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
Data File : BF123968.D
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Sample : M2420-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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CONCESSION-CP-4

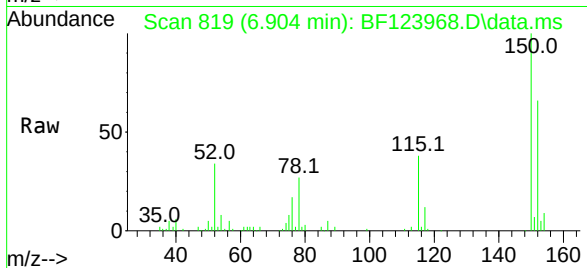
Quant Time: May 17 18:24:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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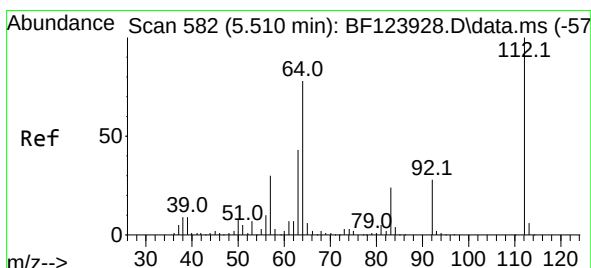
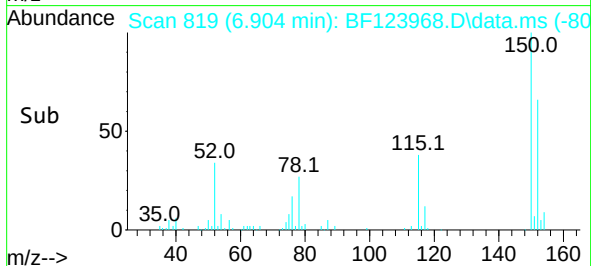
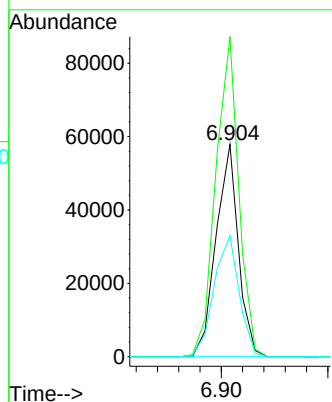


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-4

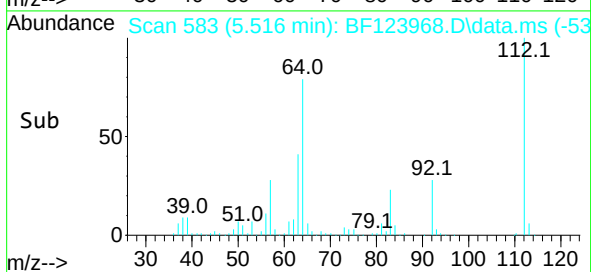
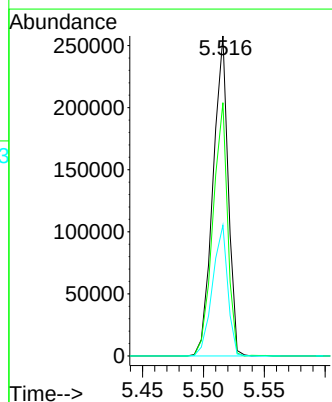
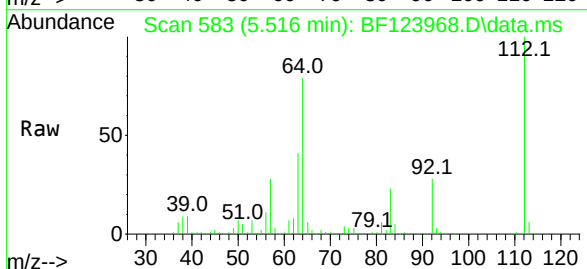


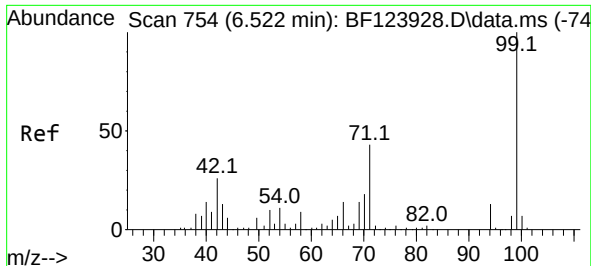
Tgt Ion:152 Resp: 41999
Ion Ratio Lower Upper
152 100
150 150.8 127.0 190.6
115 57.0 54.3 81.5



#5
2-Fluorophenol
Concen: 74.65 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

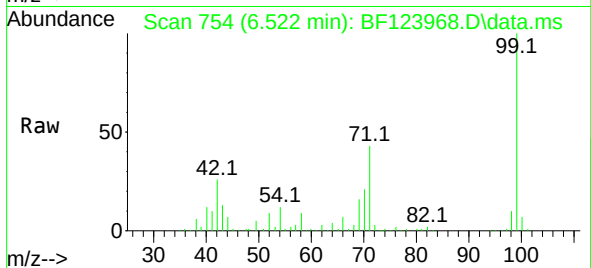
Tgt Ion:112 Resp: 223292
Ion Ratio Lower Upper
112 100
64 79.1 61.4 92.0
63 40.8 33.0 49.4



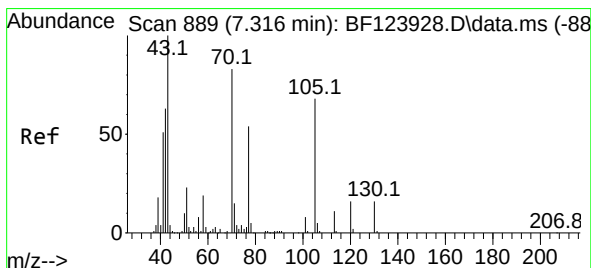
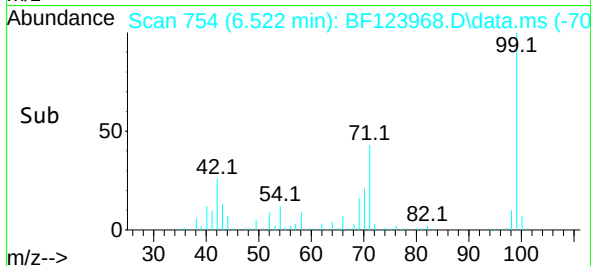
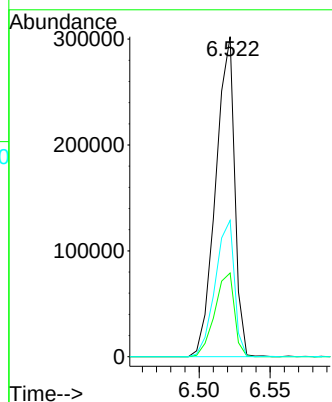


#7
Phenol-d6
Concen: 72.12 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-4

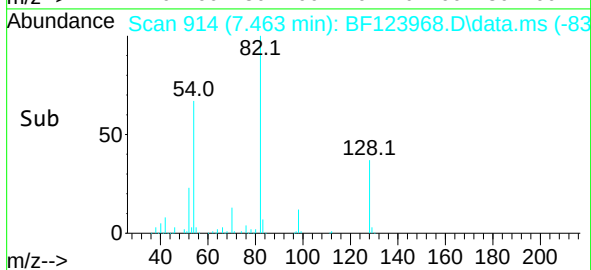
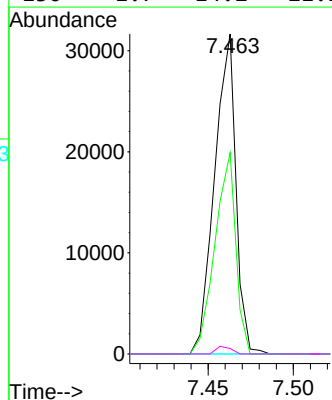
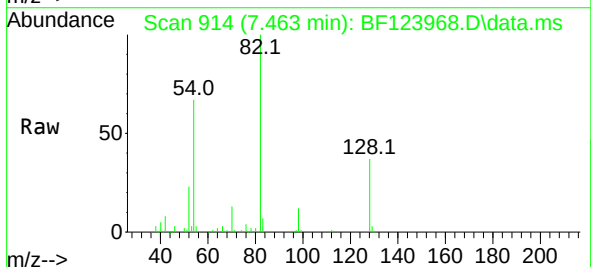


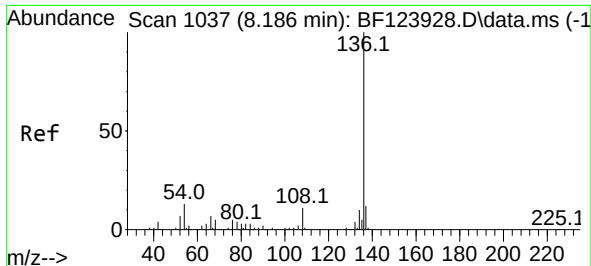
Tgt Ion	Ratio	Lower	Upper
99	100		
42	26.1	19.8	29.8
71	42.6	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.47 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.9	60.1	90.1
101	0.0	7.4	11.2#
130	1.7	14.2	21.2#

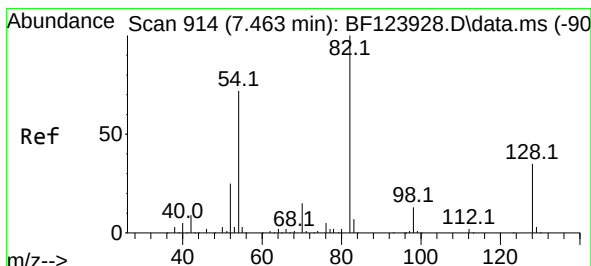
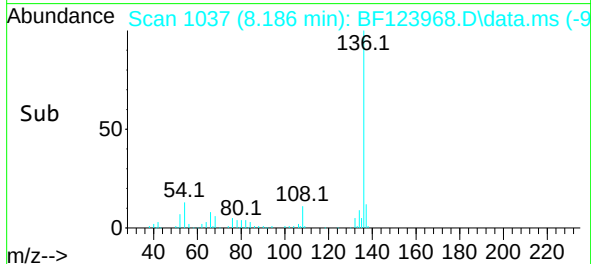
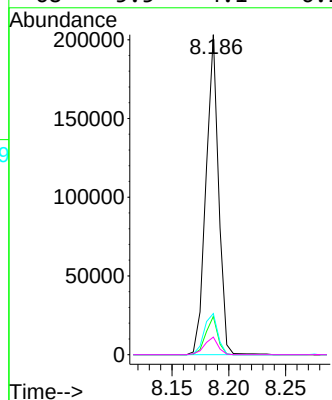
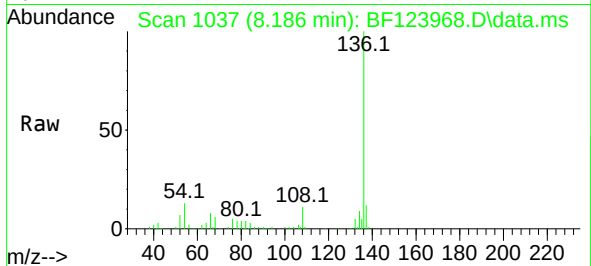




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

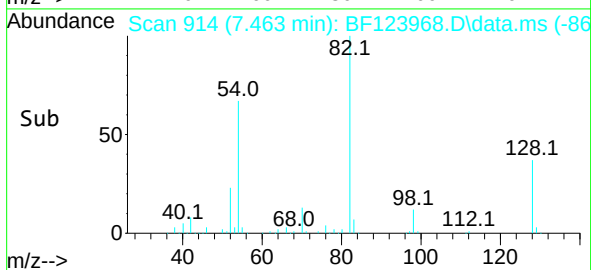
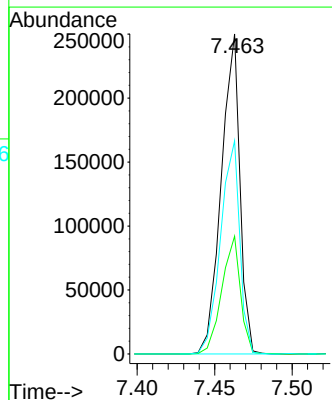
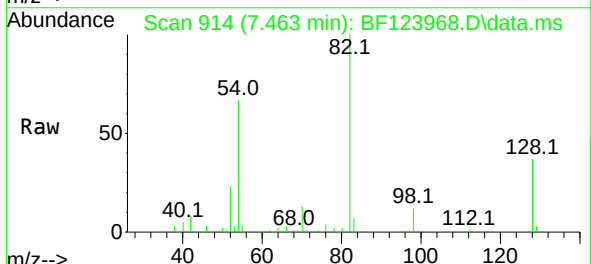
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-4

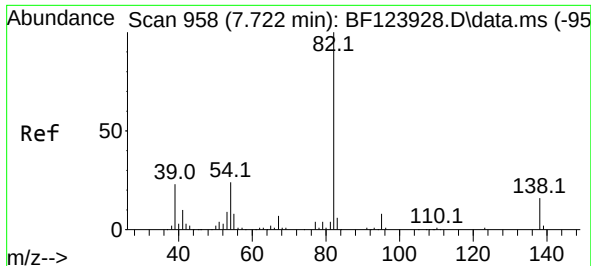
Tgt Ion:	136	Resp:	156017
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.7	13.1
54	12.9	9.8	14.6
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 57.66 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Tgt Ion:	82	Resp:	208774
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.4	44.2
54	66.6	54.1	81.1

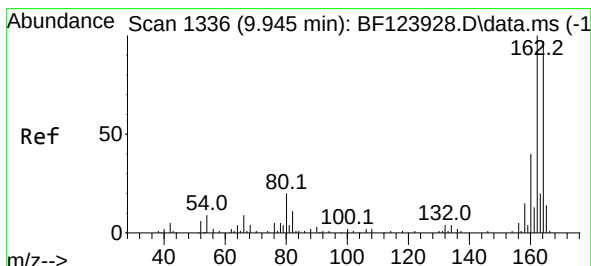
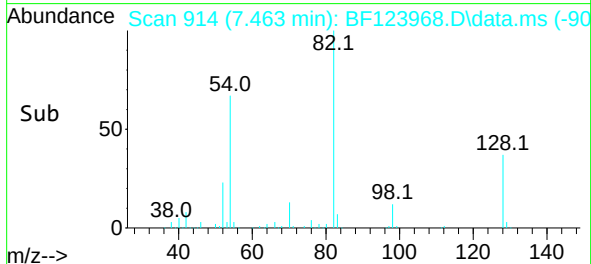
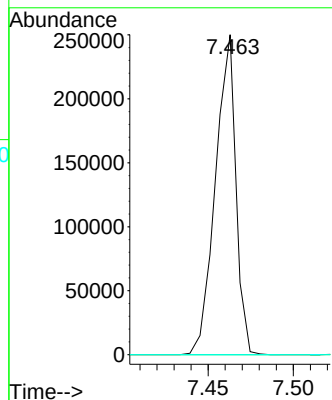
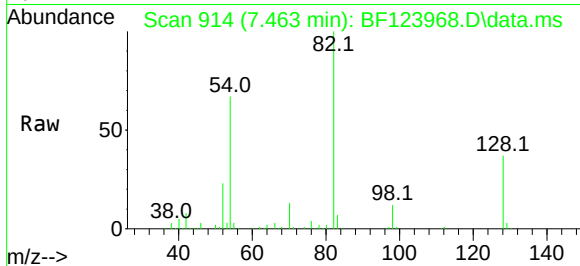




#25
Isophorone
Concen: 29.97 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

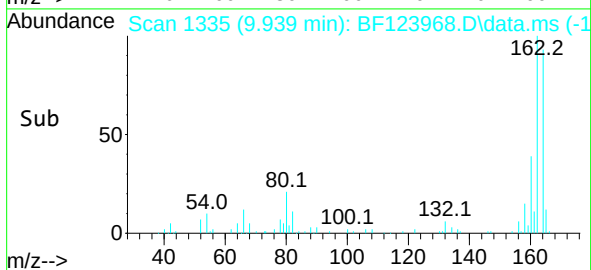
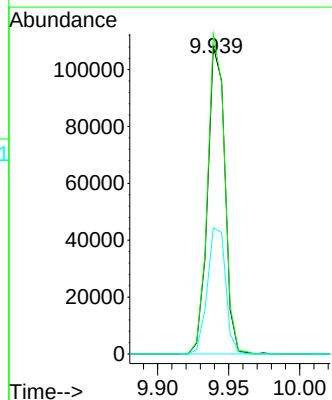
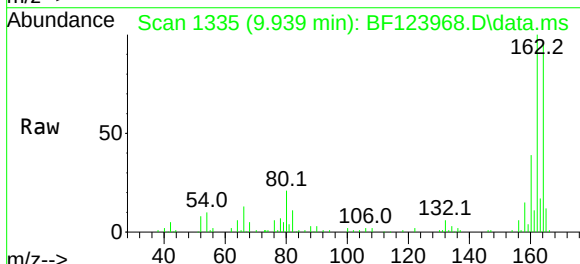
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-4

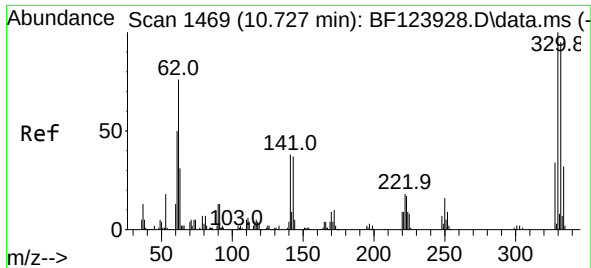
Tgt Ion: 82 Resp: 208769
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Tgt Ion: 164 Resp: 91450
Ion Ratio Lower Upper
164 100
162 104.1 80.7 121.1
160 41.1 37.3 55.9

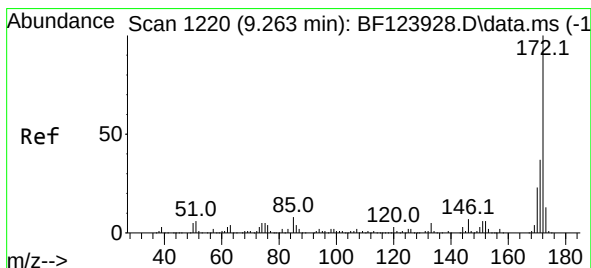
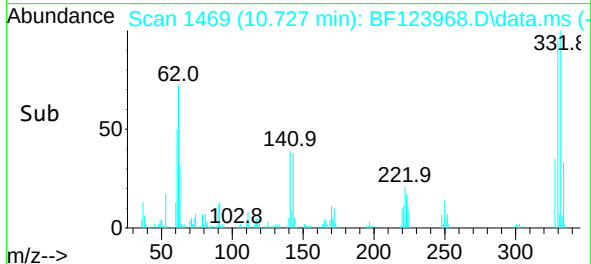
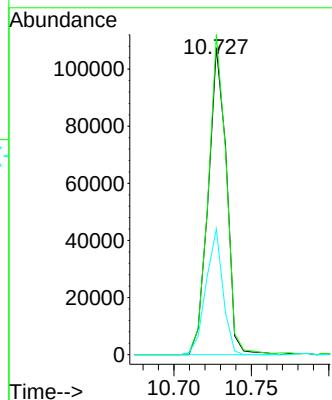
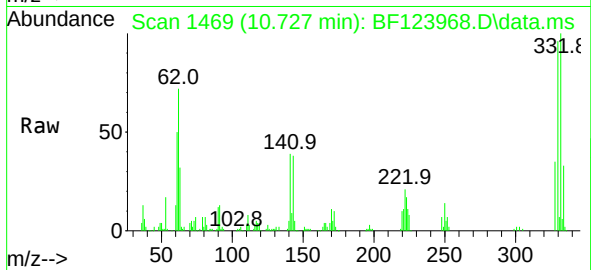




#42
2,4,6-Tribromophenol
Concen: 80.27 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

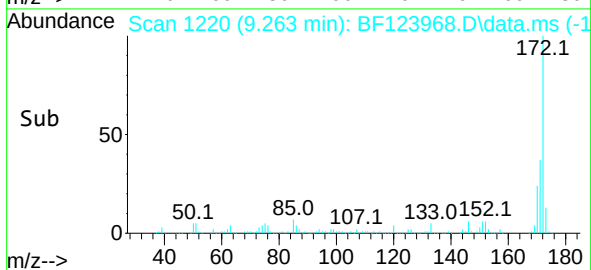
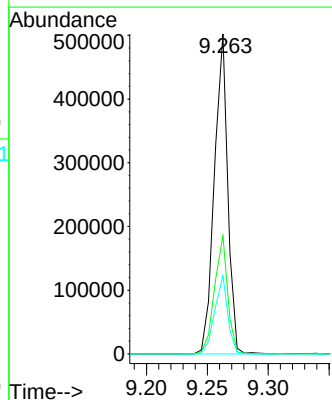
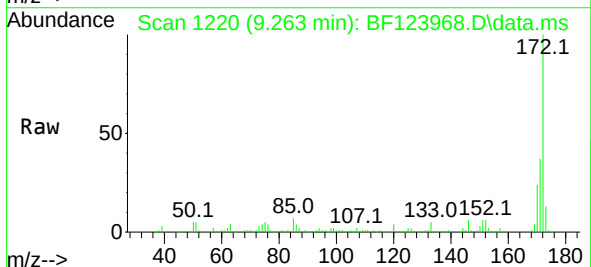
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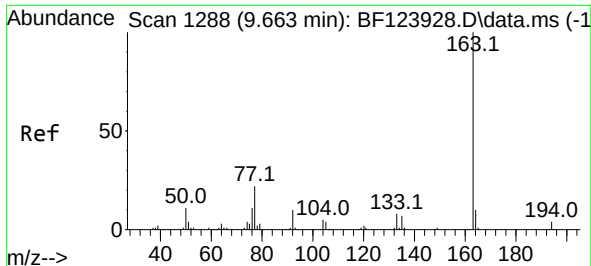
Tgt Ion: 330 Resp: 88169
Ion Ratio Lower Upper
330 100
332 102.2 77.1 115.7
141 37.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 51.90 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Tgt Ion: 172 Resp: 385684
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 24.4 19.2 28.8

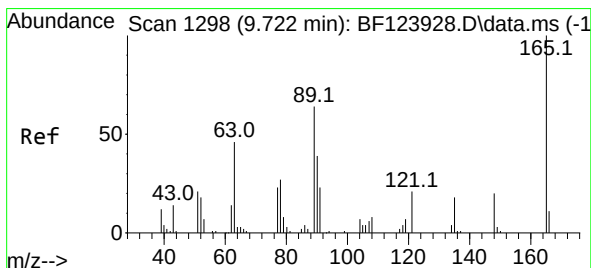
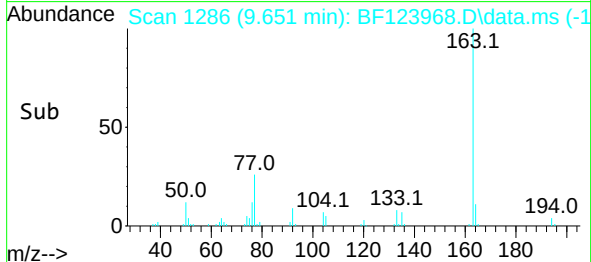
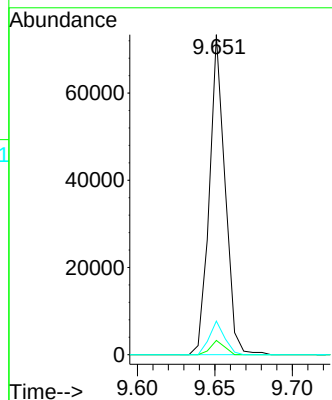
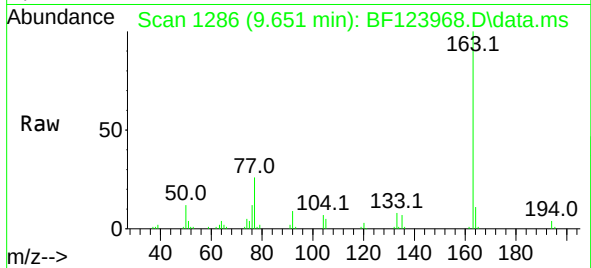




#50
Dimethylphthalate
Concen: 7.08 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

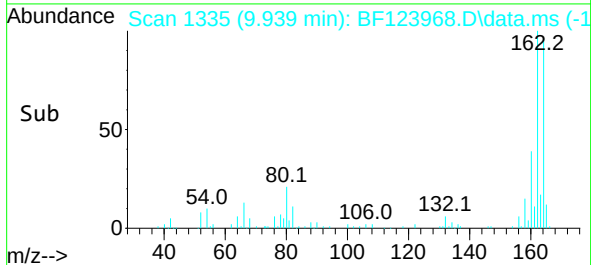
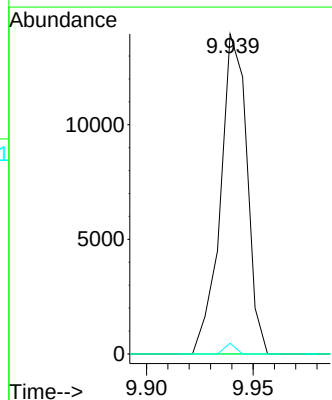
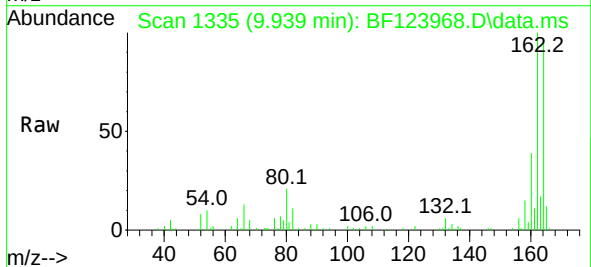
Instrument :
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CONCESSION-CP-4

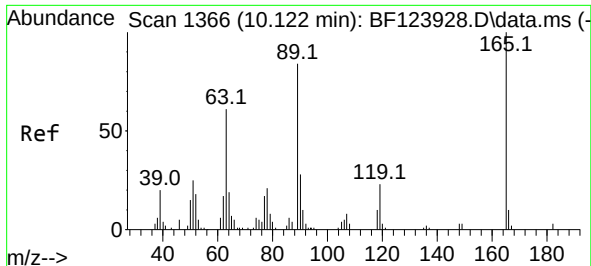
Tgt Ion:163 Resp: 51705
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 10.5 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.17 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

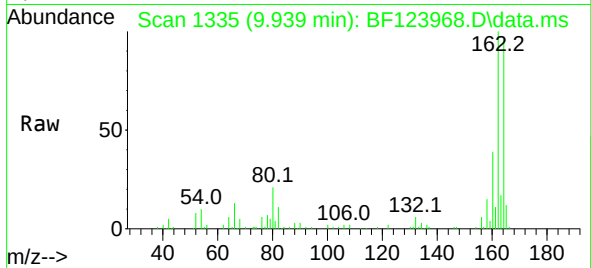
Tgt Ion:165 Resp: 12068
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.3 58.8 88.2#



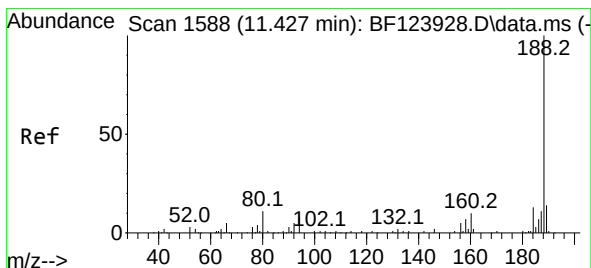
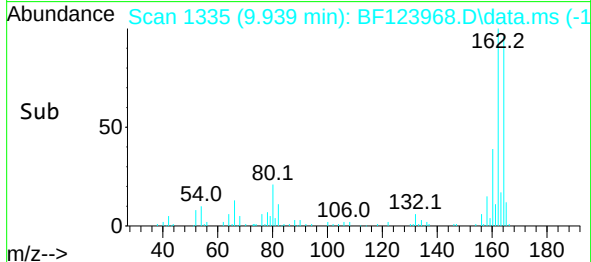
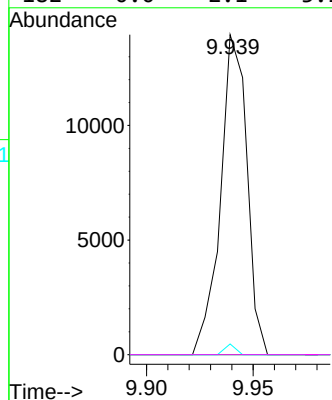


#57
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-4

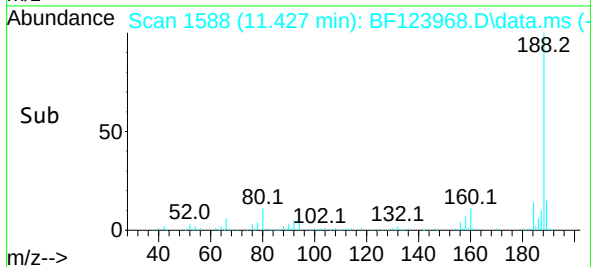
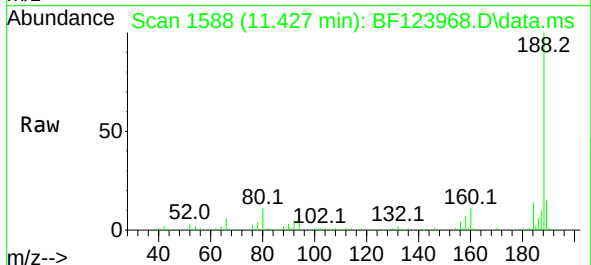
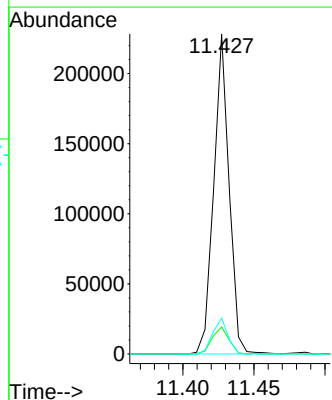


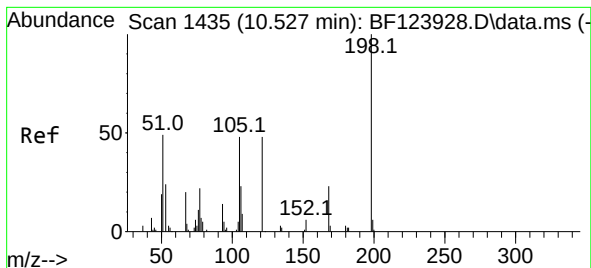
Tgt Ion:165 Resp: 12068
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.3 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Tgt Ion:188 Resp: 171625
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 11.2 8.2 12.2

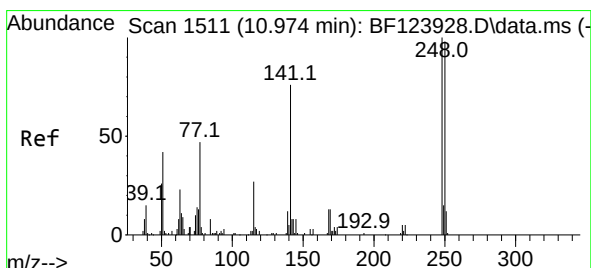
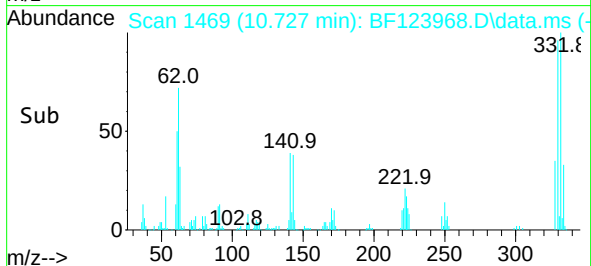
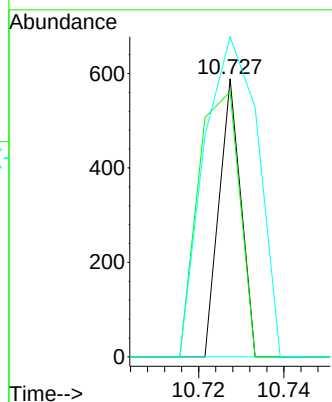
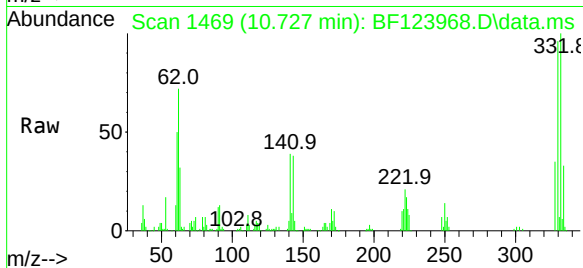




#65
4,6-Dinitro-2-methylphenol
Concen: 5.60 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

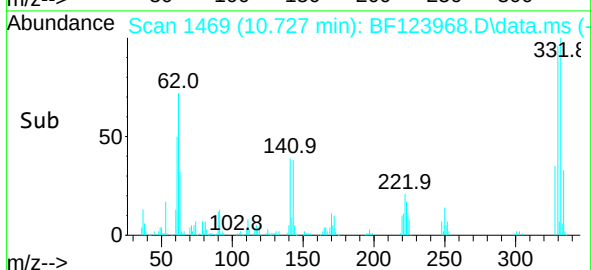
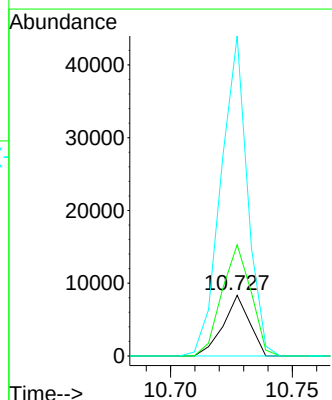
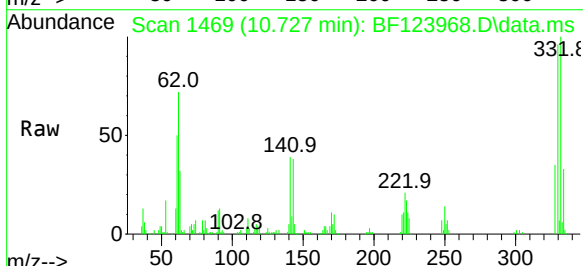
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-4

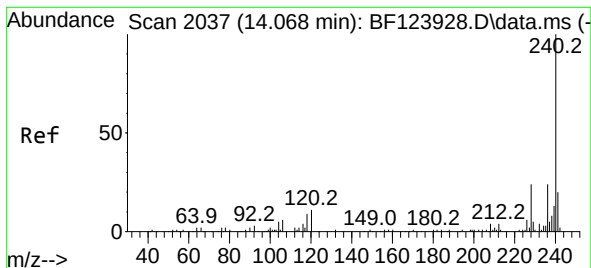
Tgt Ion:198 Resp: 208
Ion Ratio Lower Upper
198 100
51 95.2 64.8 104.8
105 115.1 42.6 82.6#



#67
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Tgt Ion:248 Resp: 6262
Ion Ratio Lower Upper
248 100
250 183.2 77.4 116.2#
141 527.1 63.7 95.5#

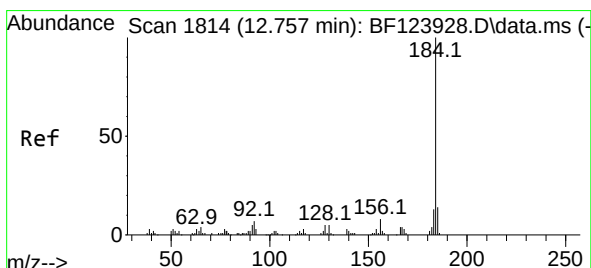
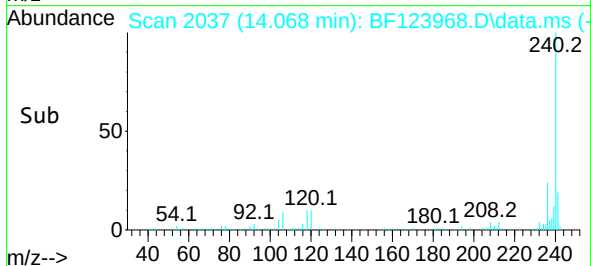
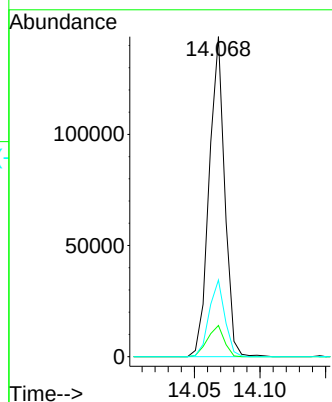
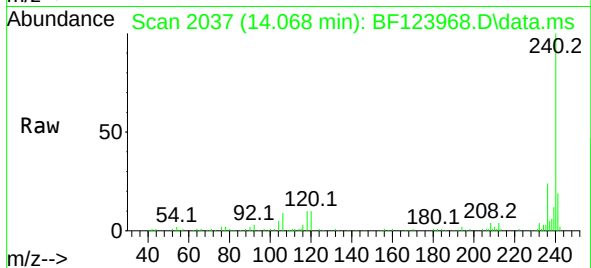




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

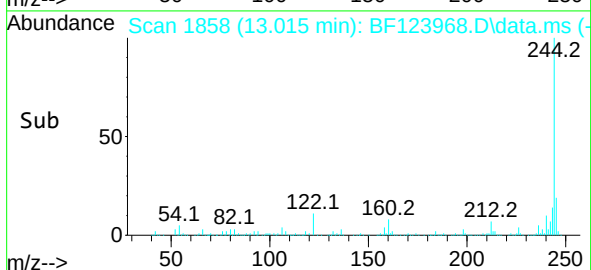
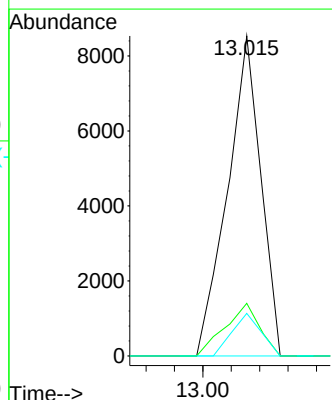
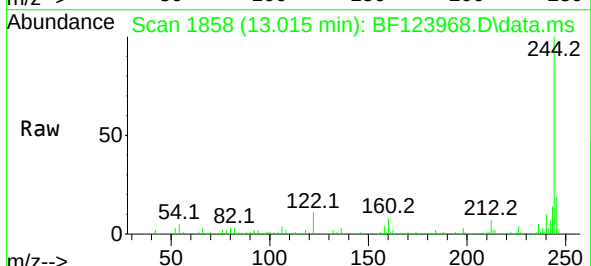
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-4

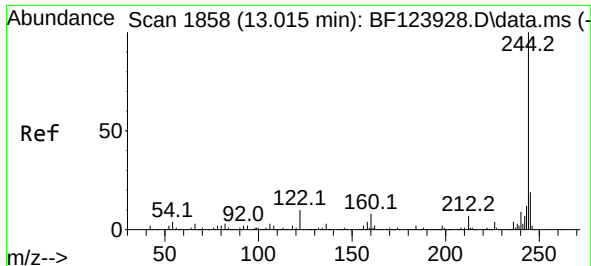
Tgt Ion:240 Resp: 118897
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 24.0 19.0 28.4



#77
Benzidine
Concen: 2.41 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Tgt Ion:184 Resp: 6920
Ion Ratio Lower Upper
184 100
185 16.5 12.1 18.1
183 13.3 7.8 11.8#

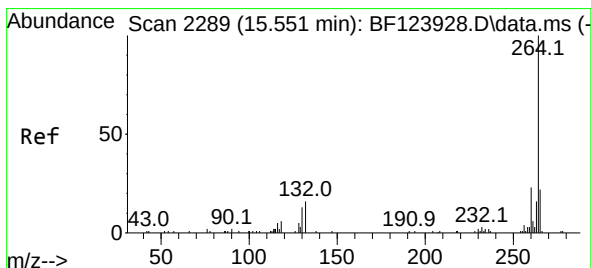
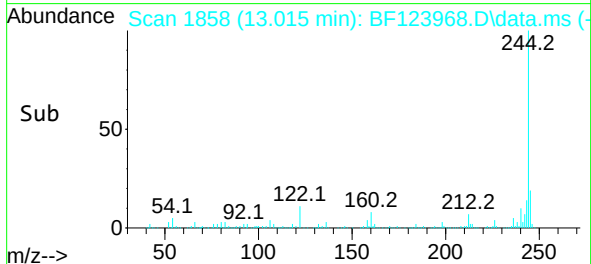
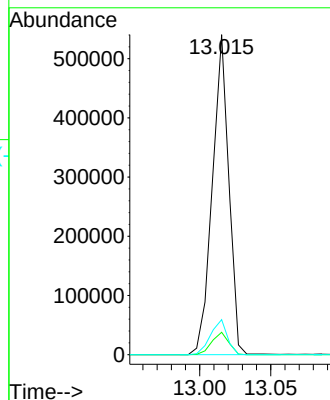
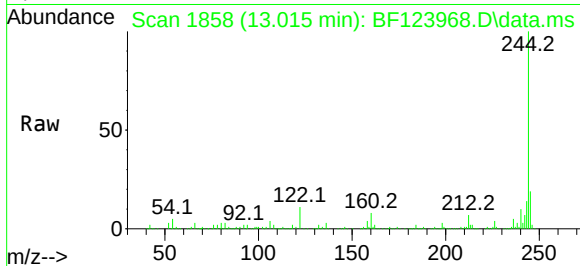




#79
Terphenyl-d14
Concen: 55.68 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123968.D
Acq: 17 May 2021 17:45

Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-4

Tgt Ion:244 Resp: 437096
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.0 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: BF123968.D
Acq: 17 May 2021 17:45

Tgt Ion:264 Resp: 121715
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 23.1 17.8 26.8

