

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123969.D
 Acq On : 17 May 2021 18:17
 Operator : JU/CG
 Sample : M2420-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCESSION-CP-5

Quant Time: May 17 18:41:31 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)

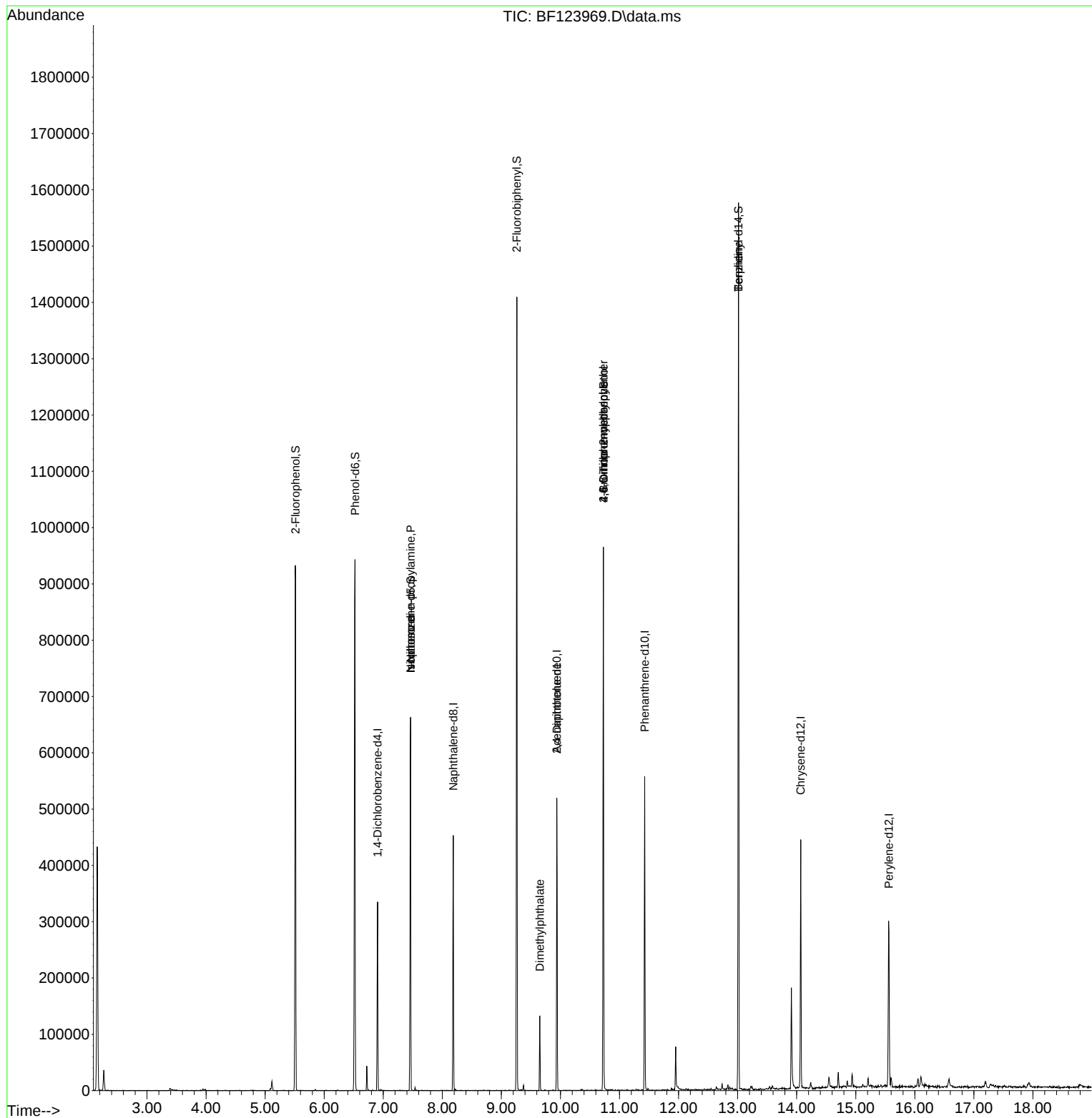
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	38401	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	152846	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	88593	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	167189	20.00	ng	0.00
76) Chrysene-d12	14.068	240	126864	20.00	ng	0.00
86) Perylene-d12	15.562	264	123747	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	205118	75.00	ng	0.00
7) Phenol-d6	6.522	99	257794	72.66	ng	0.00
23) Nitrobenzene-d5	7.463	82	179847	50.70	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	84459	79.37	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	349199	48.50	ng	0.00
79) Terphenyl-d14	13.016	244	433159	51.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	25997	10.84	ng	Qvalue
25) Isophorone	7.463	82	179844	26.35	ng	# 76
50) Dimethylphthalate	9.651	163	41266	5.83	ng	# 69
57) 2,4-Dinitrotoluene	9.939	165	11726	6.68	ng	# 97
65) 4,6-Dinitro-2-methylph...	10.727	198	259	5.65	ng	# 17
67) 4-Bromophenyl-phenylether	10.727	248	6323	2.88	ng	# 1
77) Benzidine	13.016	184	6908	2.26	ng	# 87

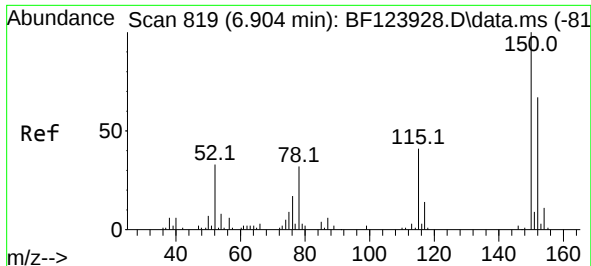
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 18:41:31 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

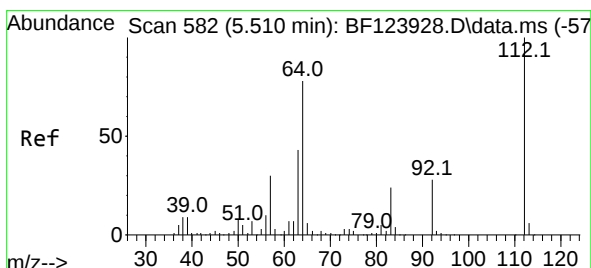
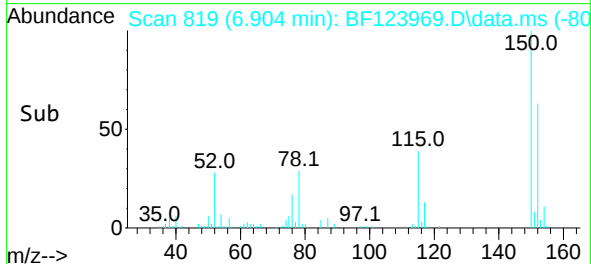
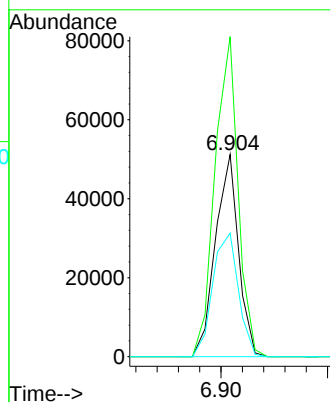
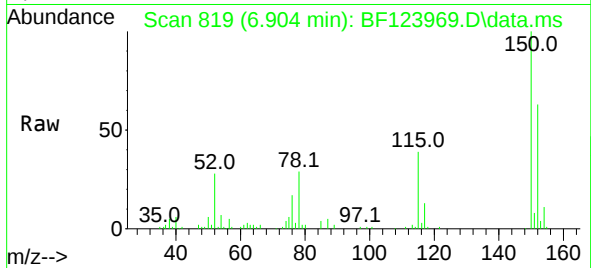




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

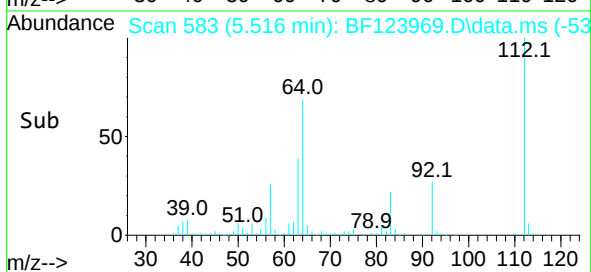
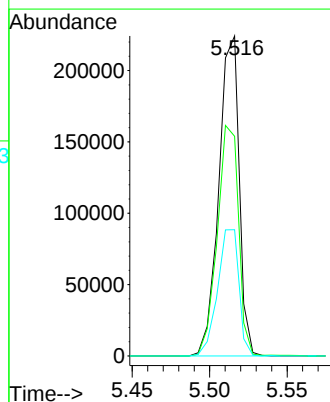
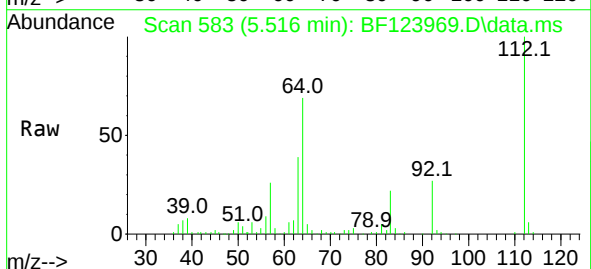
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-5

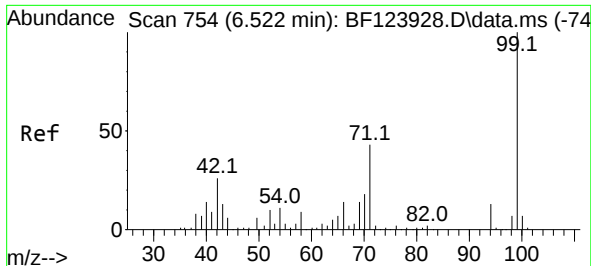
Tgt Ion:152 Resp: 38401
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 61.1 54.3 81.5



#5
2-Fluorophenol
Concen: 75.00 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

Tgt Ion:112 Resp: 205118
Ion Ratio Lower Upper
112 100
64 68.7 61.4 92.0
63 39.4 33.0 49.4

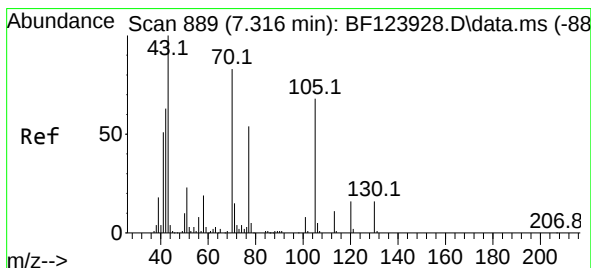
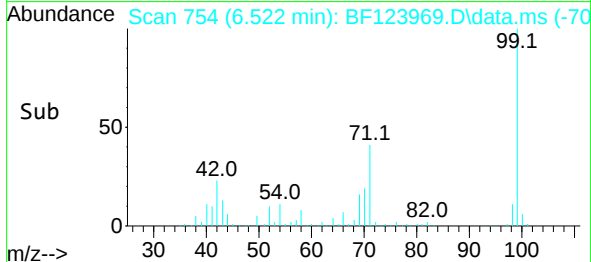
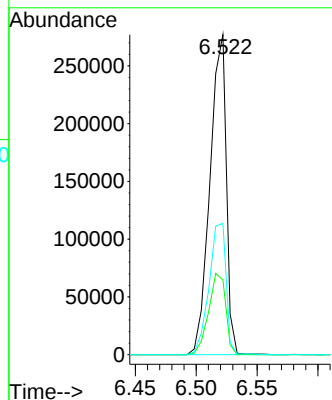
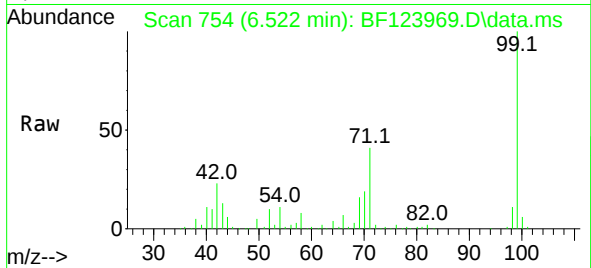




#7
Phenol-d6
Concen: 72.66 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

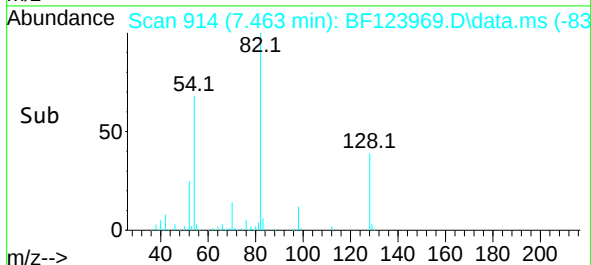
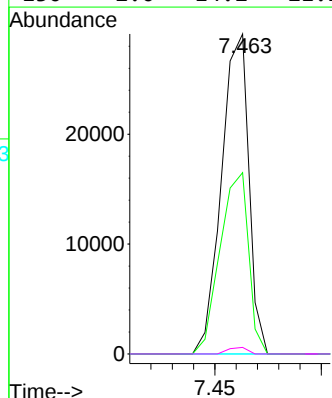
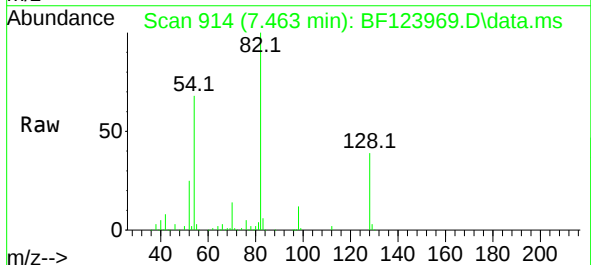
Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-5

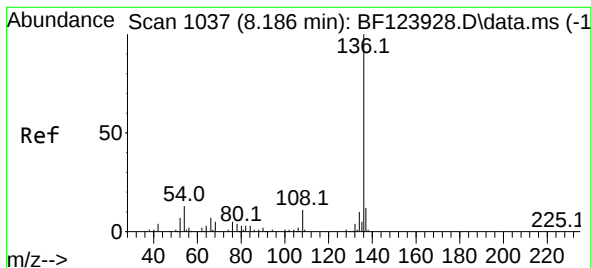
Tgt Ion: 99 Resp: 257794
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.8
71 41.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.84 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

Tgt Ion: 70 Resp: 25997
Ion Ratio Lower Upper
70 100
42 56.6 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

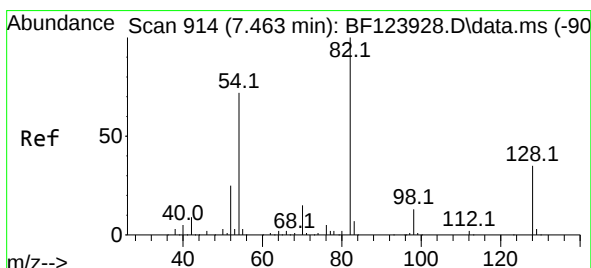
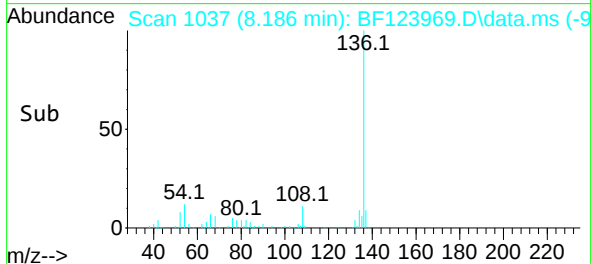
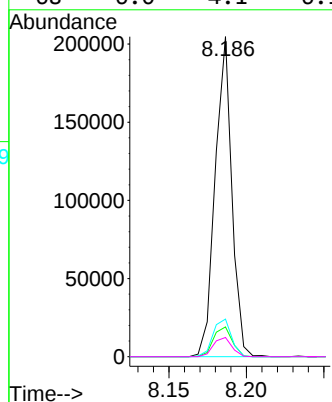
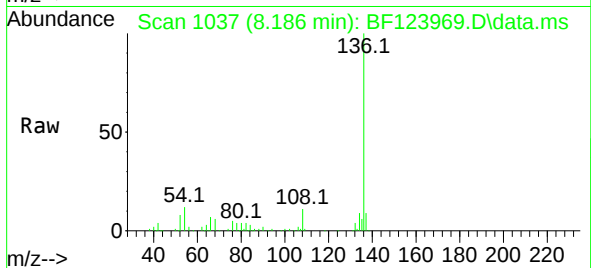




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

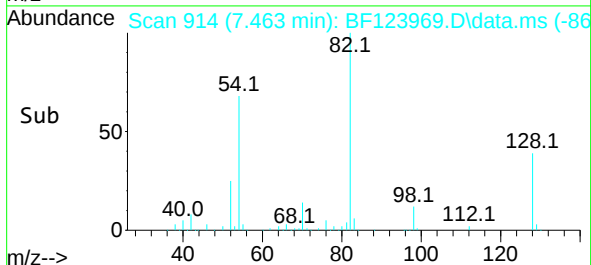
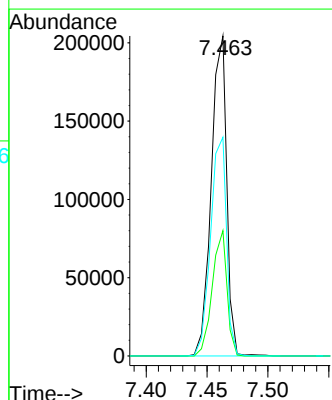
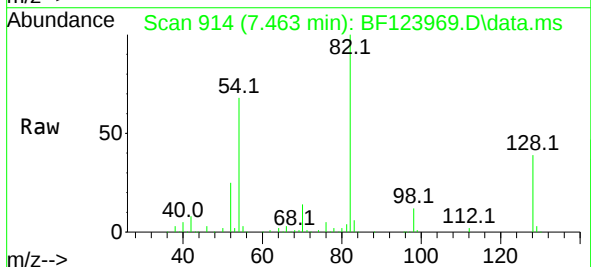
Instrument :
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ClientSampleId :
CONCESSION-CP-5

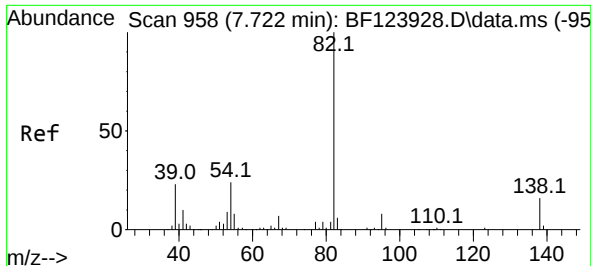
Tgt Ion:	136	Resp:	152846
Ion Ratio	Lower	Upper	
136	100		
137	9.3	8.7	13.1
54	11.8	9.8	14.6
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 50.70 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

Tgt Ion:	82	Resp:	179847
Ion Ratio	Lower	Upper	
82	100		
128	39.2	29.4	44.2
54	68.3	54.1	81.1

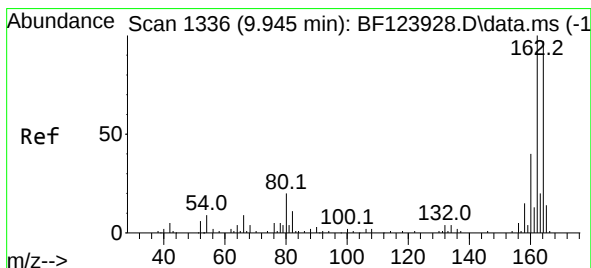
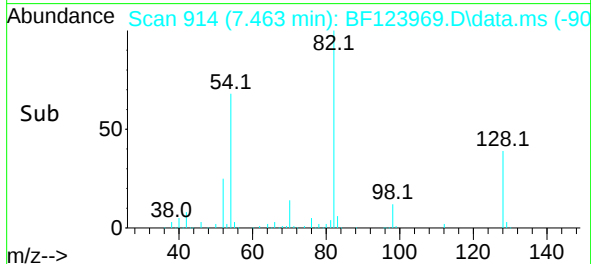
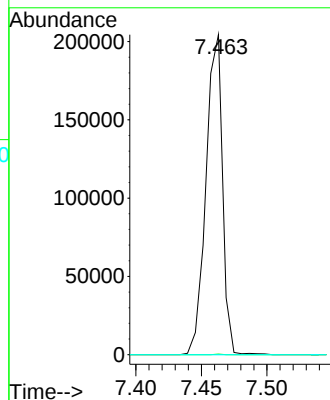
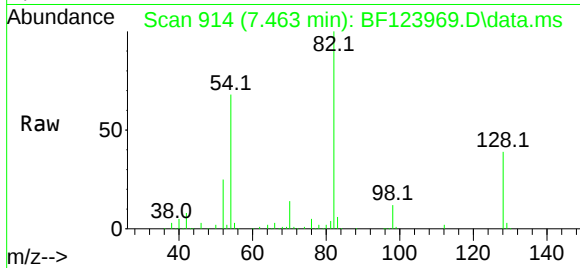




#25
Isophorone
Concen: 26.35 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

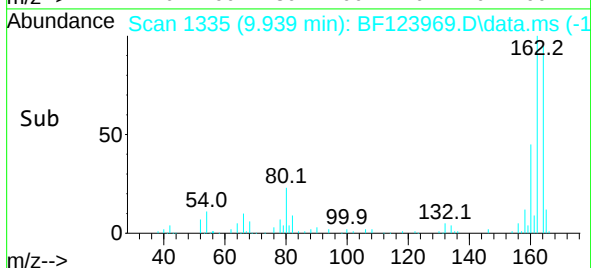
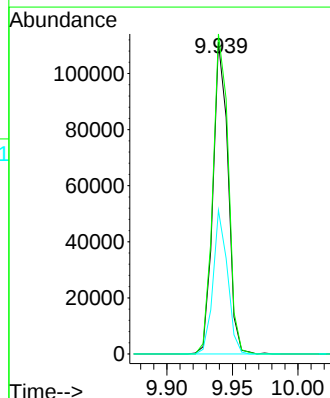
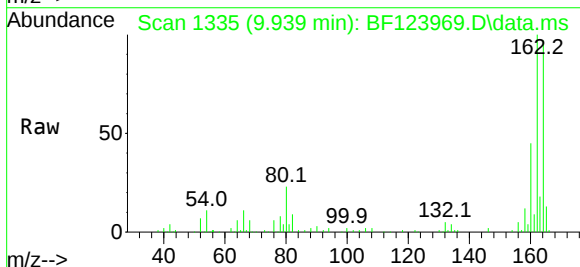
Instrument :
BNA_F
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CONCESSION-CP-5

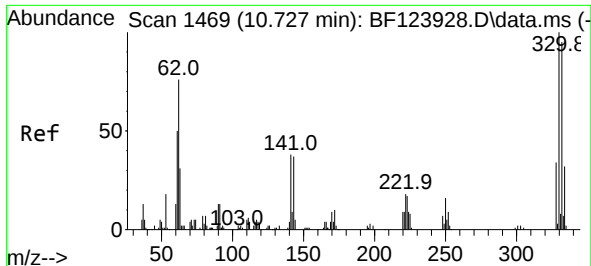
Tgt Ion: 82 Resp: 179844
Ion Ratio Lower Upper
82 100
95 0.2 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

Tgt Ion: 164 Resp: 88593
Ion Ratio Lower Upper
164 100
162 102.6 80.7 121.1
160 46.1 37.3 55.9

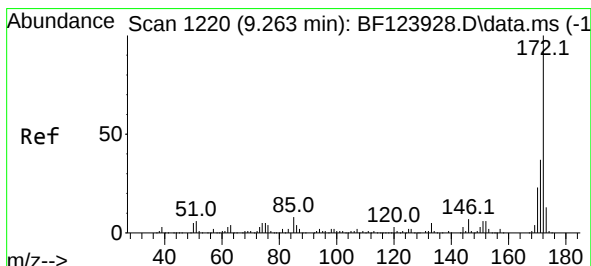
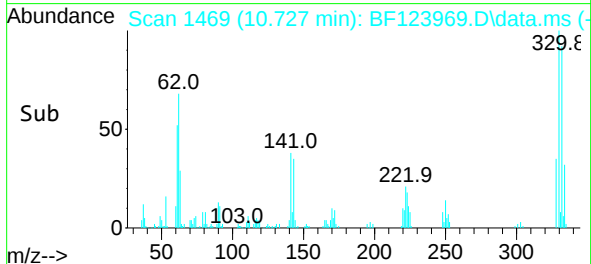
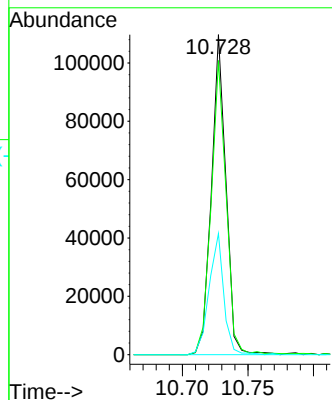
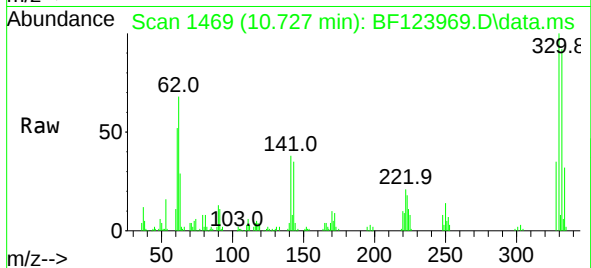




#42
2,4,6-Tribromophenol
Concen: 79.37 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

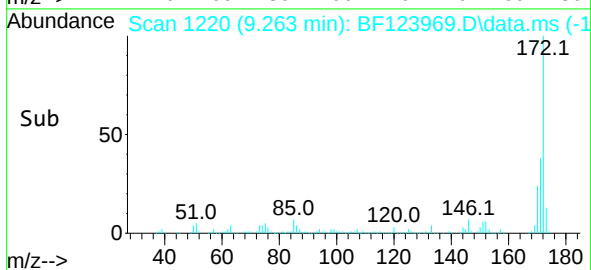
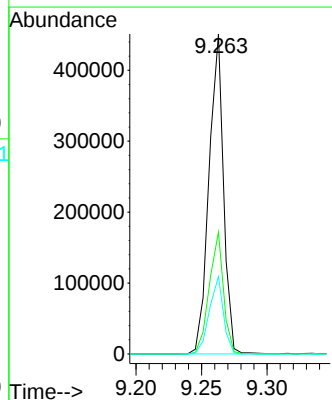
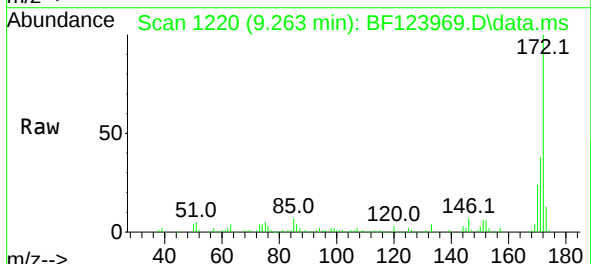
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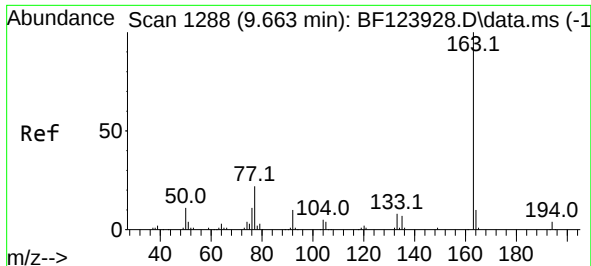
Tgt Ion:330 Resp: 84459
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 38.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 48.50 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

Tgt Ion:172 Resp: 349199
Ion Ratio Lower Upper
172 100
171 38.1 28.1 42.1
170 24.1 19.2 28.8

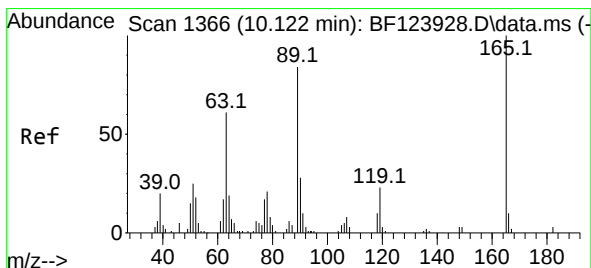
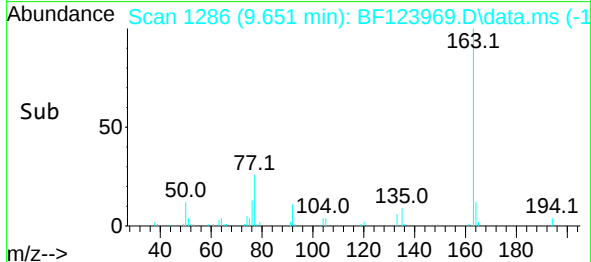
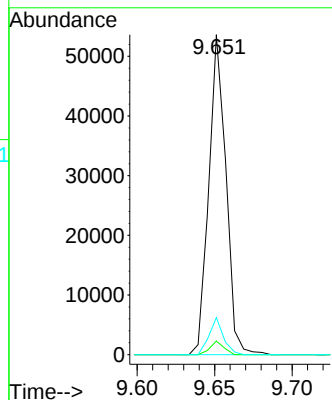
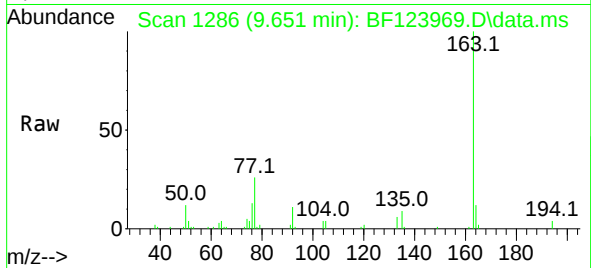




#50
Dimethylphthalate
Concen: 5.83 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

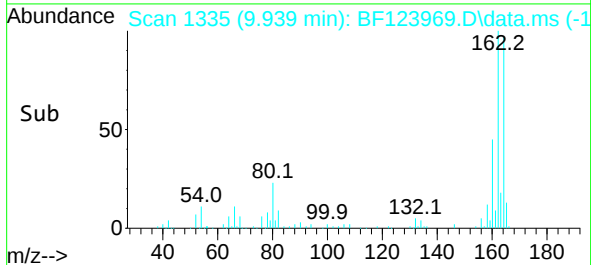
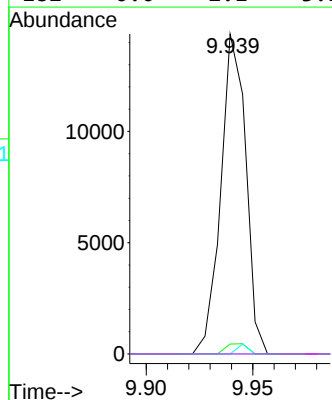
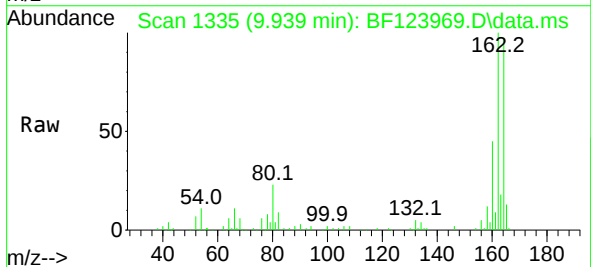
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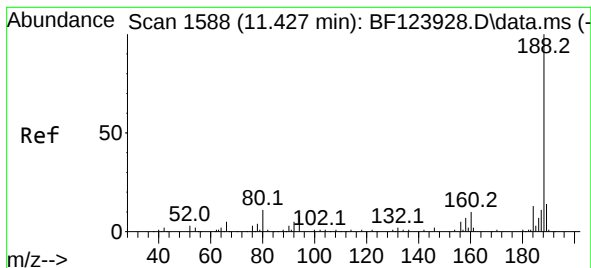
Tgt Ion:163 Resp: 41266
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 11.6 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.68 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

Tgt Ion:165 Resp: 11726
Ion Ratio Lower Upper
165 100
63 3.1 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

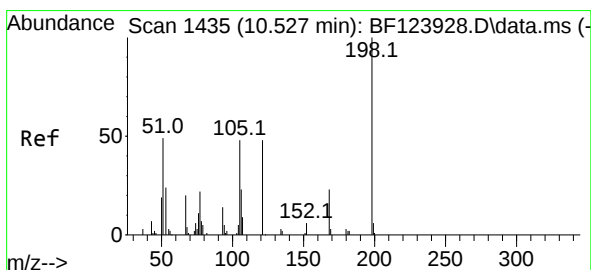
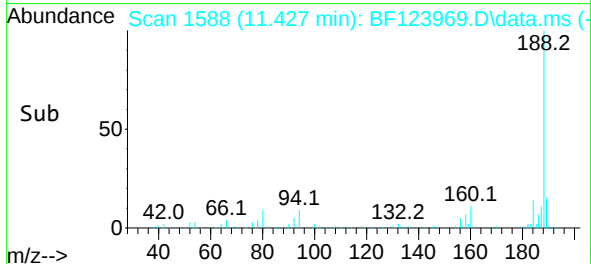
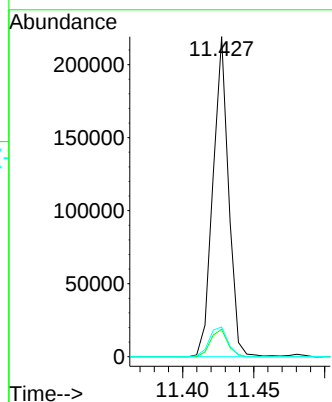
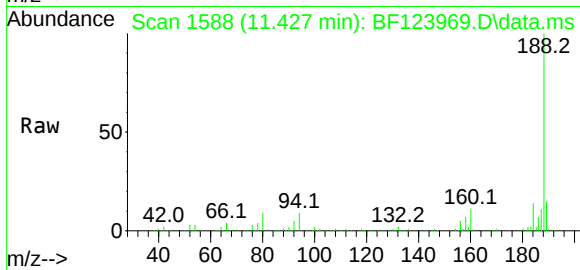




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

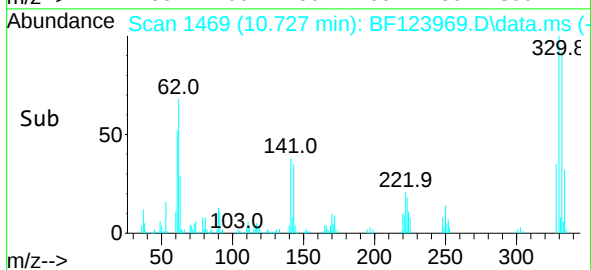
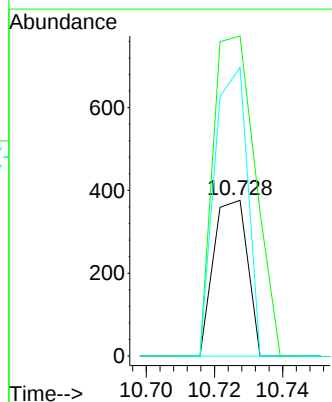
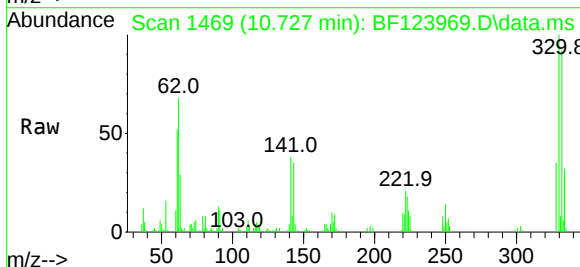
Instrument :
BNA_F
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CONCESSION-CP-5

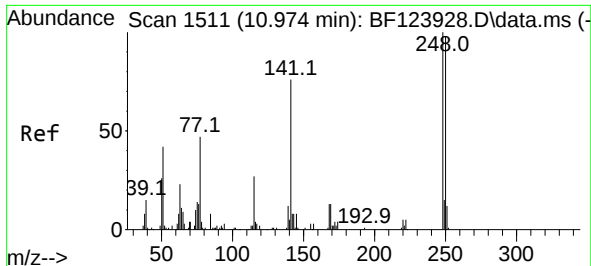
Tgt Ion:188 Resp: 167189
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.3 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.65 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

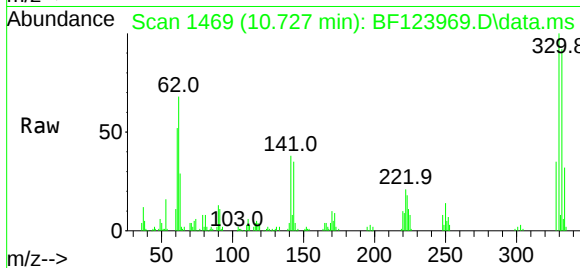
Tgt Ion:198 Resp: 259
Ion Ratio Lower Upper
198 100
51 205.6 64.8 104.8#
105 185.4 42.6 82.6#



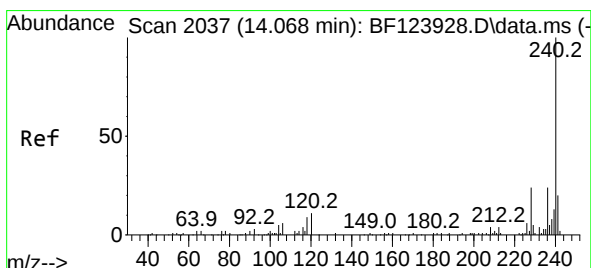
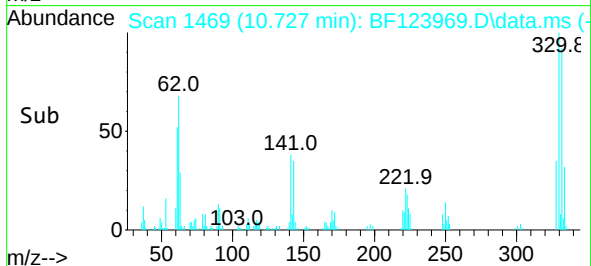
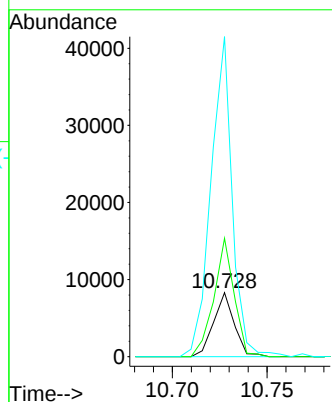


#67
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

Instrument :
BNA_F
ClientSampleId :
CONCESSION-CP-5

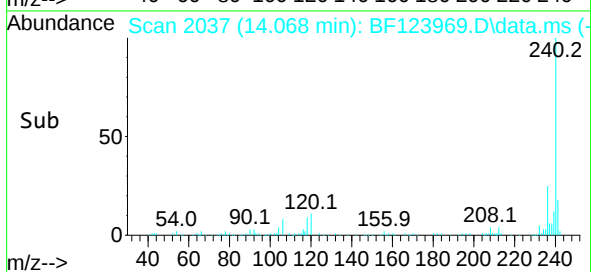
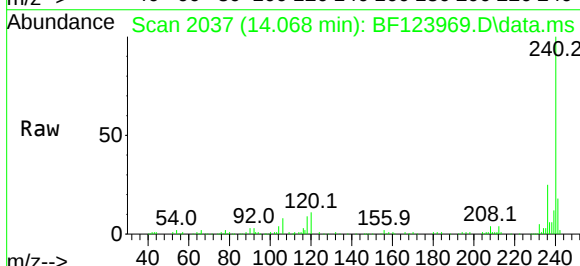
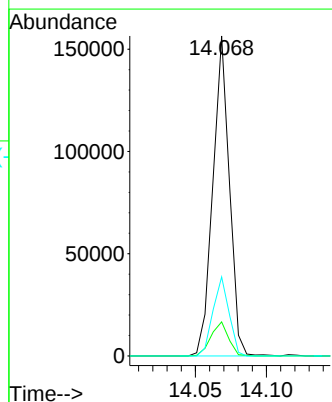


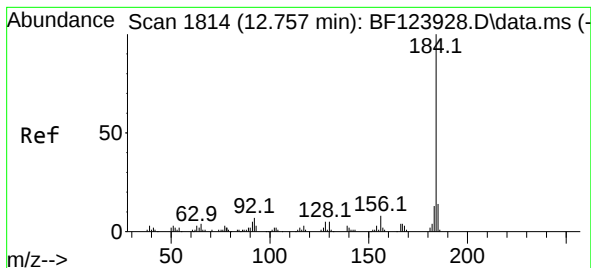
Tgt Ion:248 Resp: 6323
Ion Ratio Lower Upper
248 100
250 184.9 77.4 116.2#
141 500.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123969.D
Acq: 17 May 2021 18:17

Tgt Ion:240 Resp: 126864
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 24.7 19.0 28.4





#77

Benzidine

Concen: 2.26 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF123969.D

Acq: 17 May 2021 18:17

Tgt Ion:184 Resp: 6908

Ion Ratio Lower Upper

184 100

185 16.9 12.1 18.1

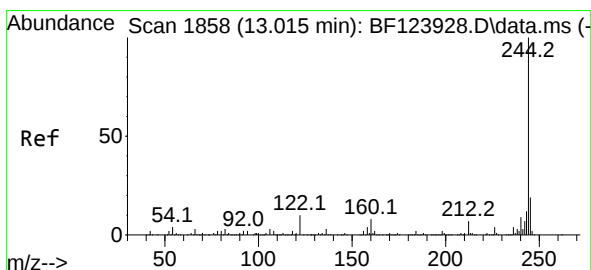
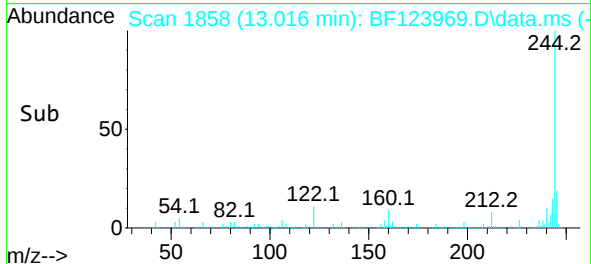
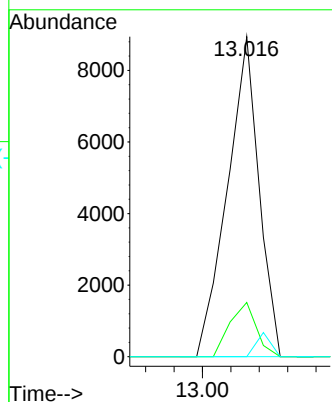
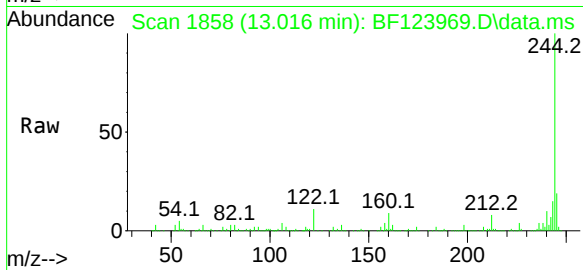
183 0.0 7.8 11.8#

Instrument :

BNA_F

ClientSampleId :

CONCESSION-CP-5



#79

Terphenyl-d14

Concen: 51.71 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.000 min

Lab File: BF123969.D

Acq: 17 May 2021 18:17

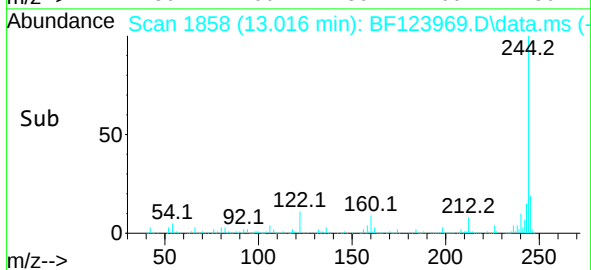
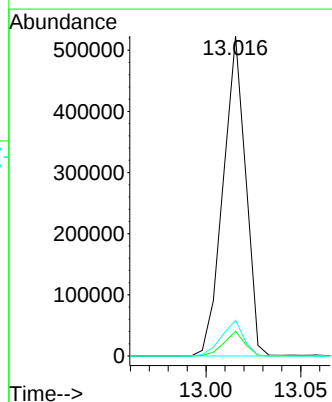
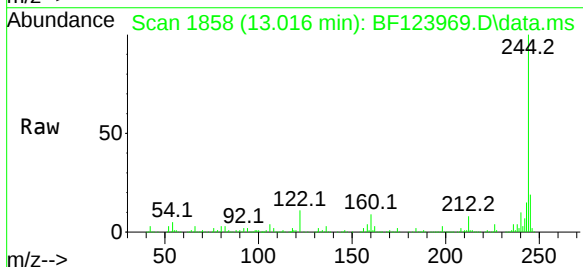
Tgt Ion:244 Resp: 433159

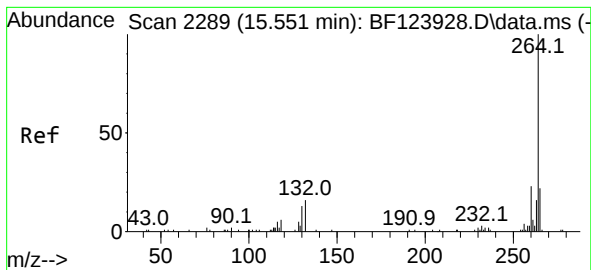
Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

122 11.2 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: BF123969.D
 Acq: 17 May 2021 18:17

Instrument :
 BNA_F
 ClientSampleId :
 CONCESSION-CP-5

Tgt Ion:264 Resp: 123747
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.6 17.8 26.8

