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 Data File : BF121969.D
 Acq On : 14 Oct 2020 21:11
 Operator : JU/CG
 Sample : L4226-13 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

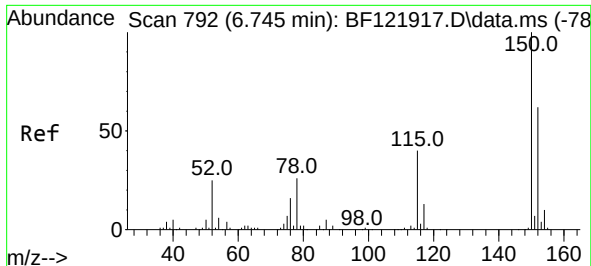
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101320

Quant Time: Oct 15 01:24:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 16:22:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	103731	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	398552	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	189359	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	303286	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	239808	20.00	ng	-0.02
86) Perylene-d12	15.339	264	244979	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	111974	15.93	ng	0.00
7) Phenol-d6	6.386	99	148263	16.39	ng	-0.01
23) Nitrobenzene-d5	7.310	82	97929	12.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	21010	8.97	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	179602	13.96	ng	-0.01
79) Terphenyl-d14	12.845	244	127154	10.10	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	12463	2.42	ng	# 79
25) Isophorone	7.310	82	97928	6.66	ng	# 67
37) 2-Methylnaphthalene	8.739	142	32518	2.35	ng	96
38) 1-Methylnaphthalene	8.839	142	27785	2.17	ng	98
51) 2,6-Dinitrotoluene	9.774	165	25783	8.49	ng	# 21
52) Acenaphthene	9.810	154	26736	2.44	ng	100
55) Dibenzofuran	9.980	168	32438	2.03	ng	# 95
58) Fluorene	10.321	166	30488	2.37	ng	99
71) Phenanthrene	11.286	178	79990	4.81	ng	99
75) Fluoranthene	12.474	202	50352	2.82	ng	99
78) Pyrene	12.704	202	42778	2.34	ng	98

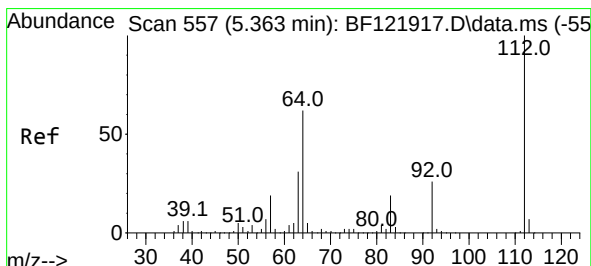
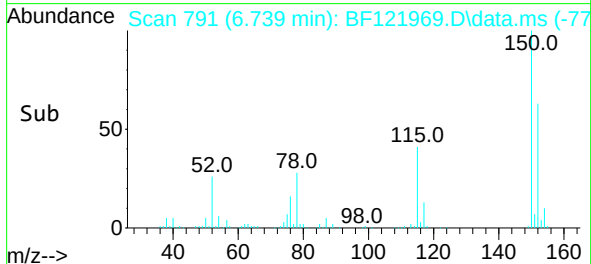
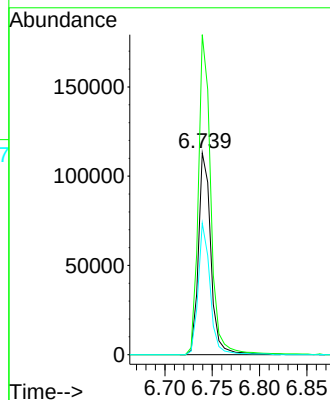
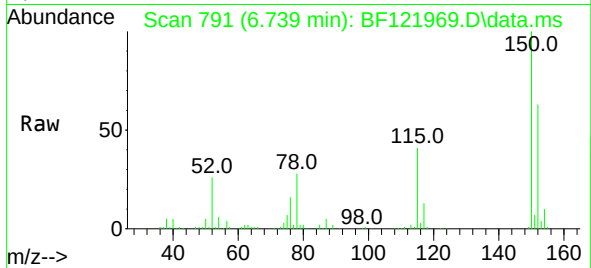
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

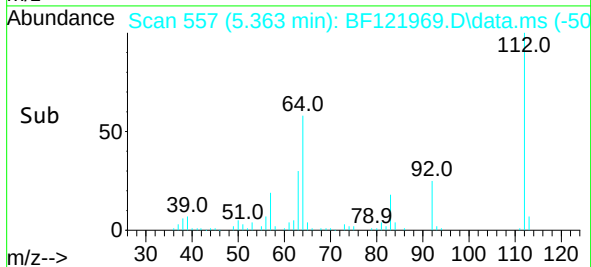
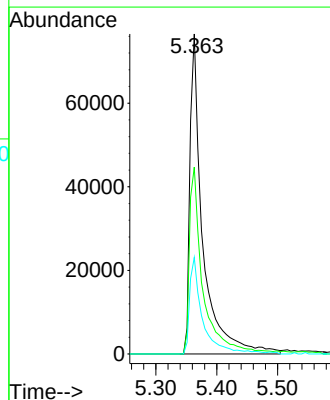
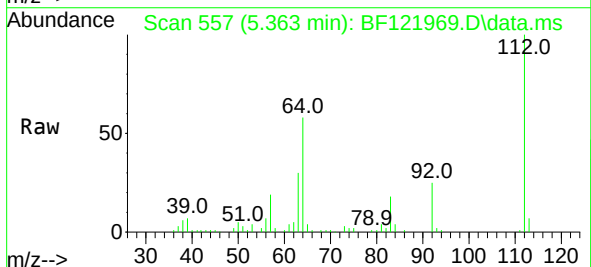
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

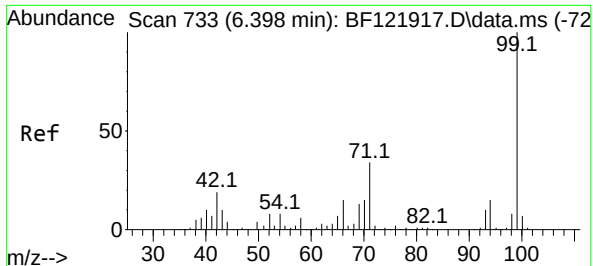
Tgt Ion:152 Resp: 103731
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 65.2 51.9 77.9



#5
2-Fluorophenol
Concen: 15.93 ng
RT: 5.363 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Tgt Ion:112 Resp: 111974
Ion Ratio Lower Upper
112 100
64 58.4 50.4 75.6
63 30.1 25.8 38.6

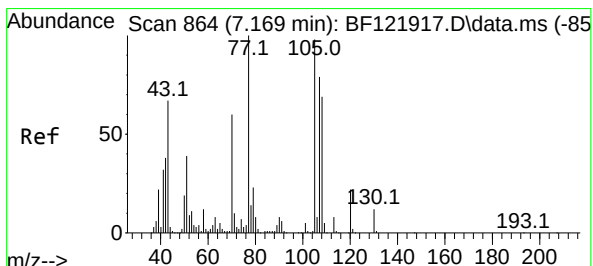
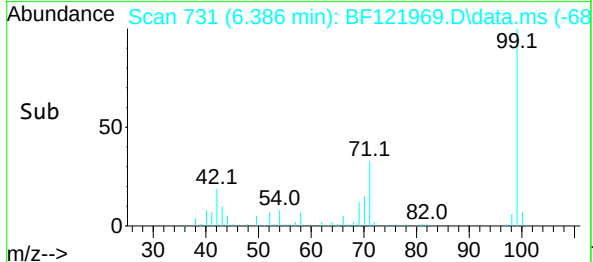
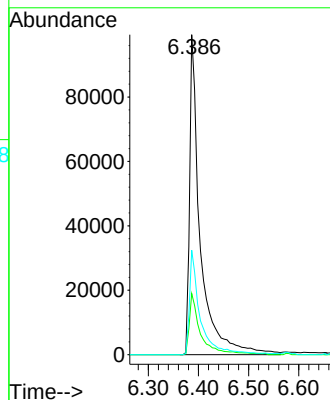
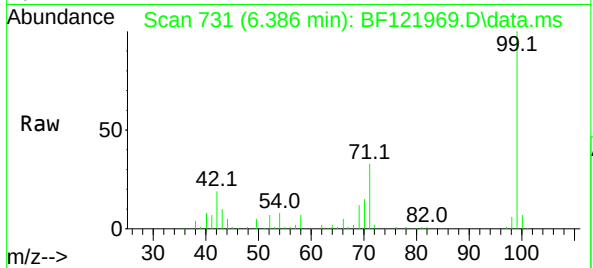




#7
Phenol-d6
Concen: 16.39 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

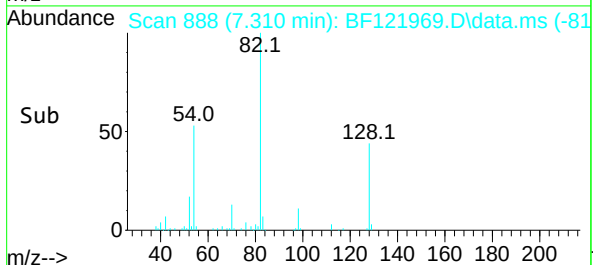
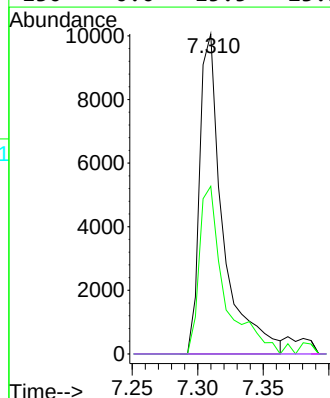
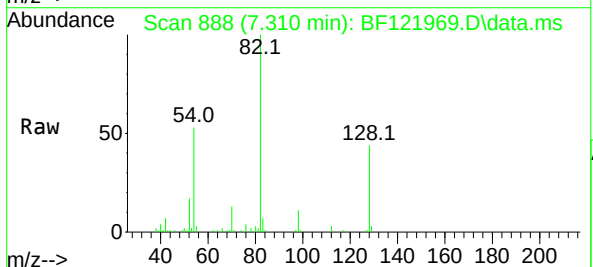
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ClientSampleId :
TR-04-101320

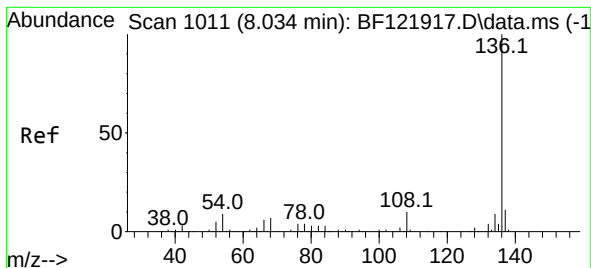
Tgt Ion: 99 Resp: 148263
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 32.6 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.42 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Tgt Ion: 70 Resp: 12463
Ion Ratio Lower Upper
70 100
42 52.4 50.2 75.4
101 0.0 7.5 11.3#
130 0.0 15.5 23.3#



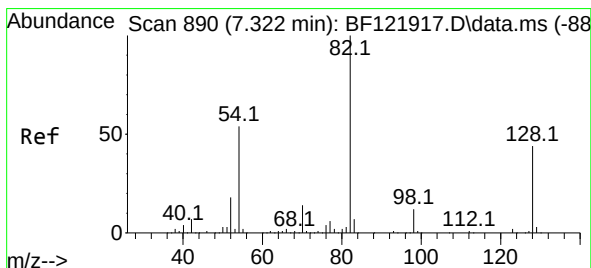
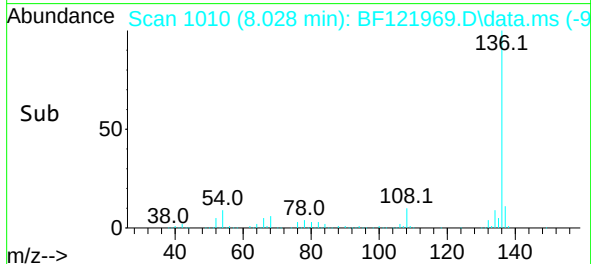
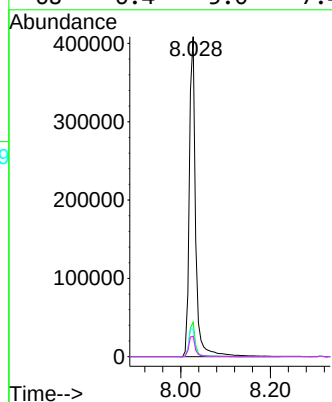
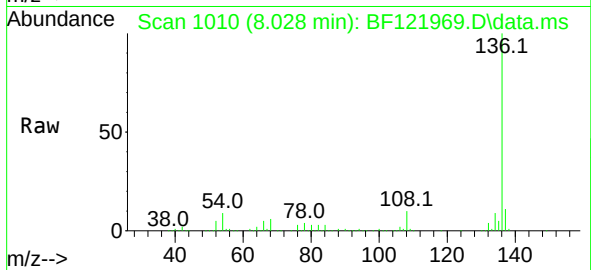


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

Tgt Ion:136 Resp: 398552

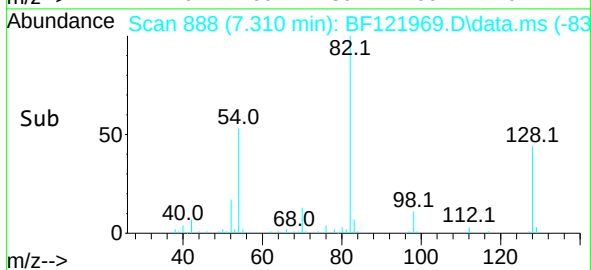
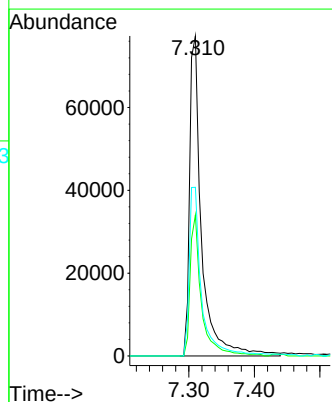
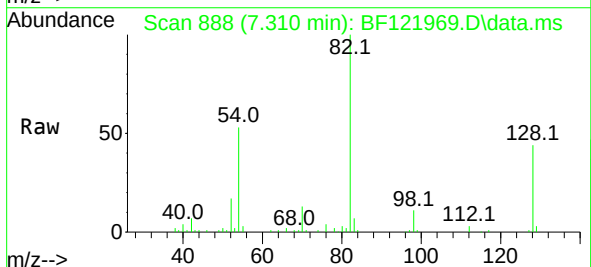
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	7.1	10.7
68	6.4	5.0	7.4

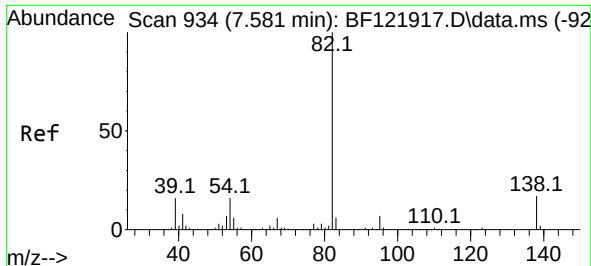


#23
Nitrobenzene-d5
Concen: 12.60 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Tgt Ion: 82 Resp: 97929

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.0	52.4
54	52.7	43.9	65.9

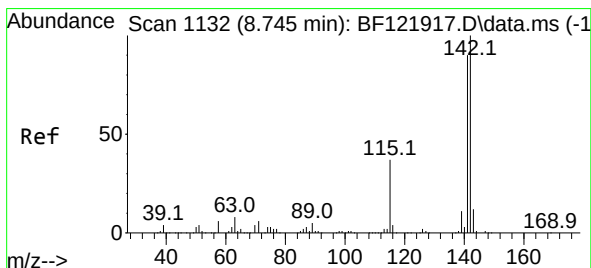
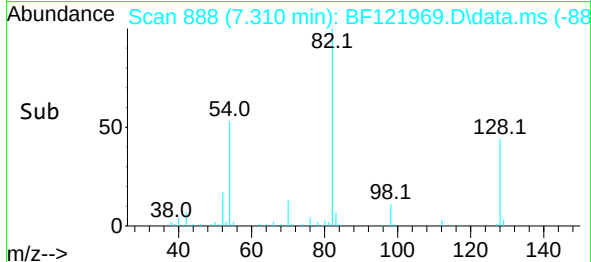
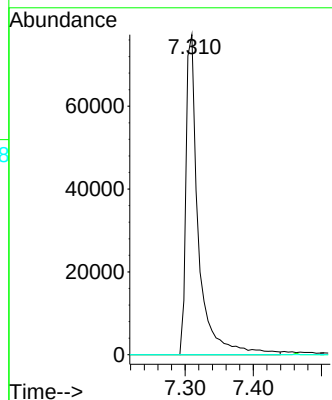
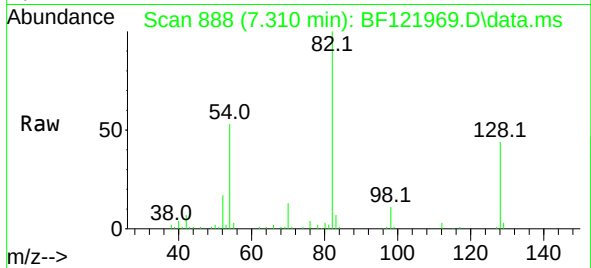




#25
Isophorone
Concen: 6.66 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.271 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

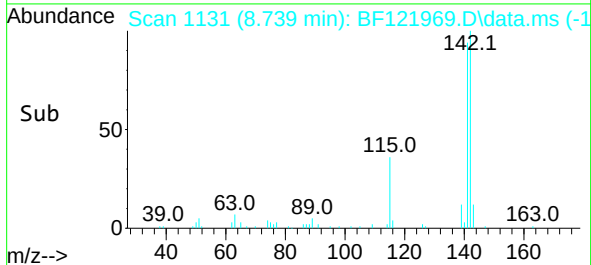
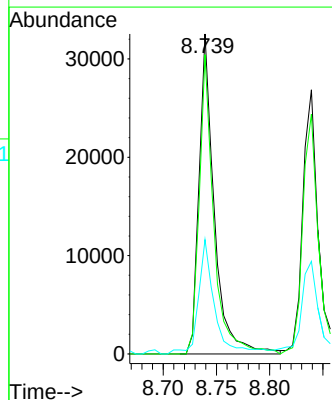
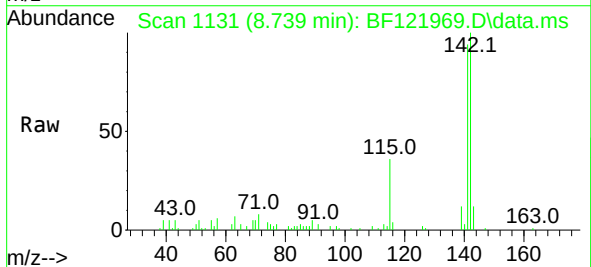
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ClientSampleId :
TR-04-101320

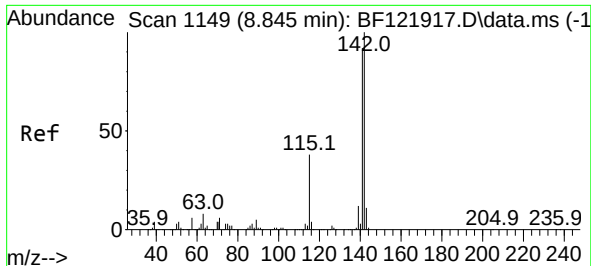
Tgt Ion: 82 Resp: 97928
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#37
2-Methylnaphthalene
Concen: 2.35 ng
RT: 8.739 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Tgt Ion: 142 Resp: 32518
Ion Ratio Lower Upper
142 100
141 93.5 70.2 105.4
115 35.7 28.6 43.0

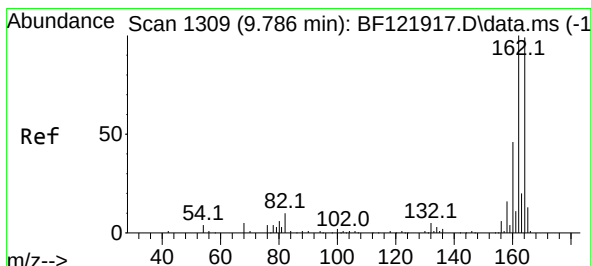
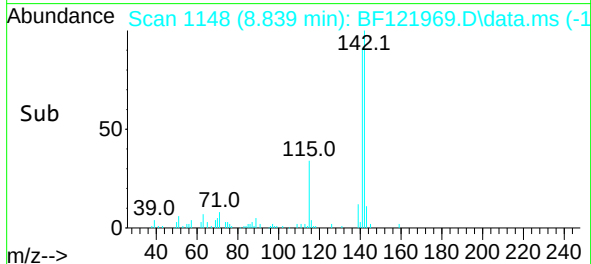
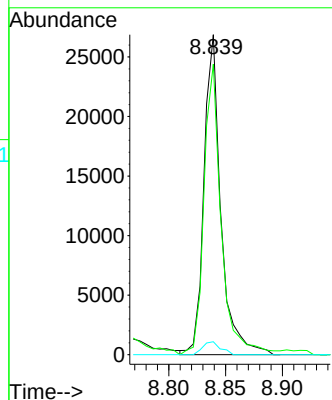
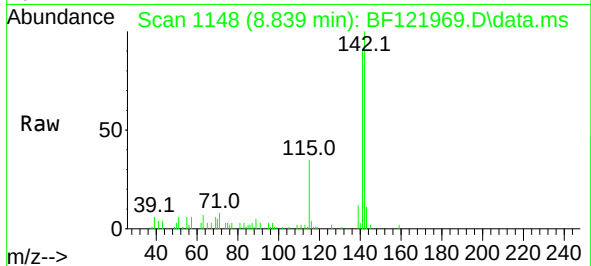




#38
1-Methylnaphthalene
Concen: 2.17 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

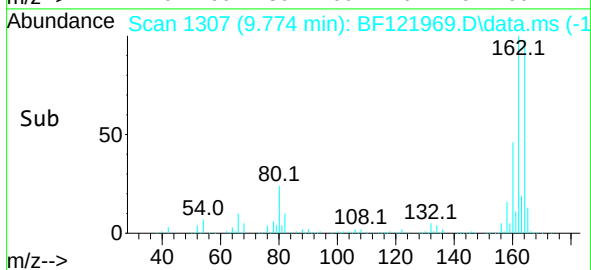
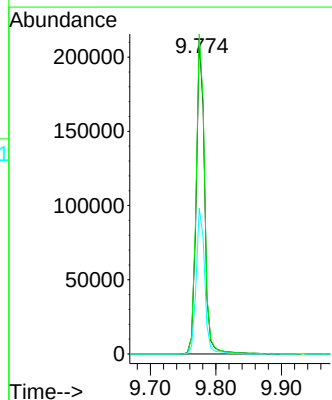
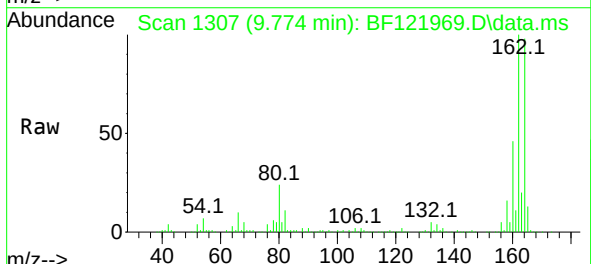
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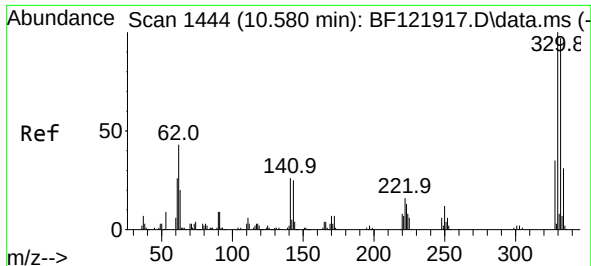
Tgt Ion:142 Resp: 27785
Ion Ratio Lower Upper
142 100
141 90.8 74.5 111.7
116 4.0 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Tgt Ion:164 Resp: 189359
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.4 37.5 56.3

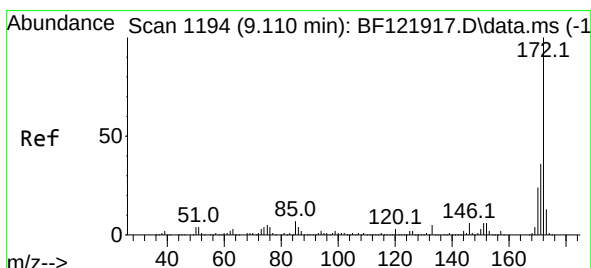
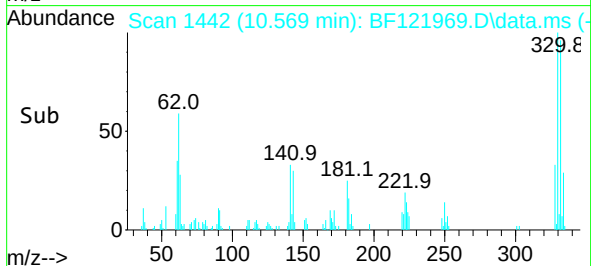
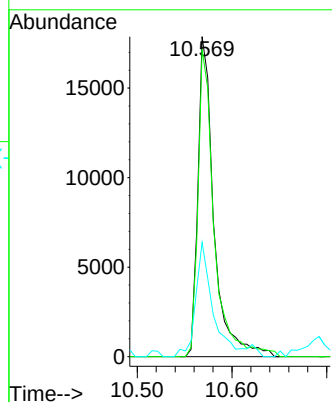
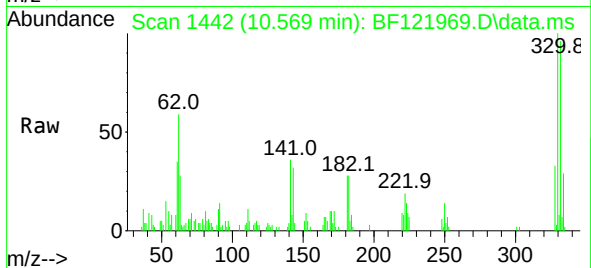




#42
2,4,6-Tribromophenol
Concen: 8.97 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

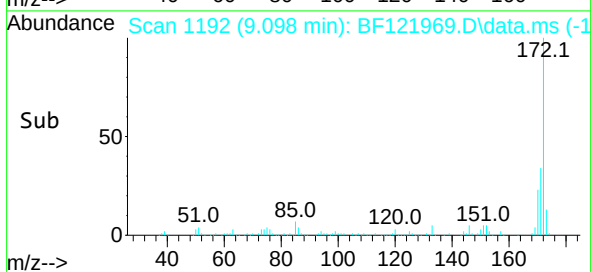
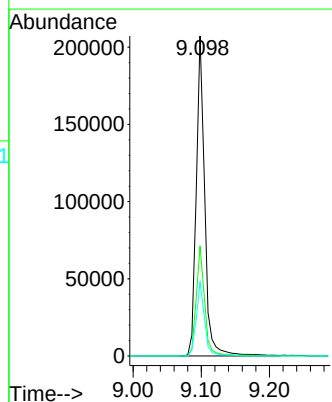
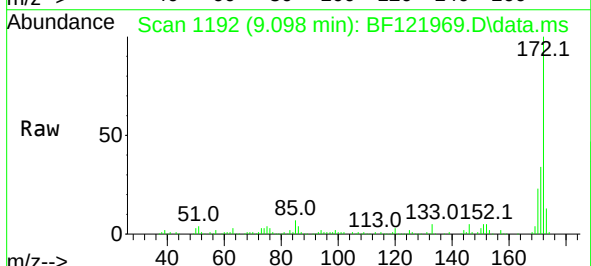
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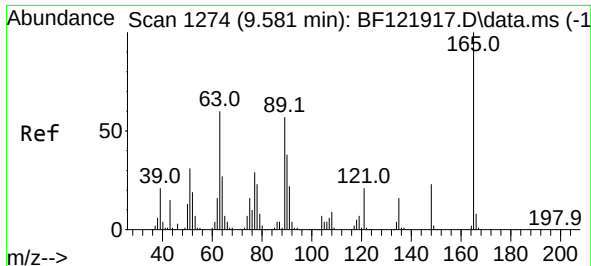
Tgt Ion:330 Resp: 21010
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 38.8 22.3 33.5#



#45
2-Fluorobiphenyl
Concen: 13.96 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Tgt Ion:172 Resp: 179602
Ion Ratio Lower Upper
172 100
171 34.3 29.1 43.7
170 23.0 19.8 29.6

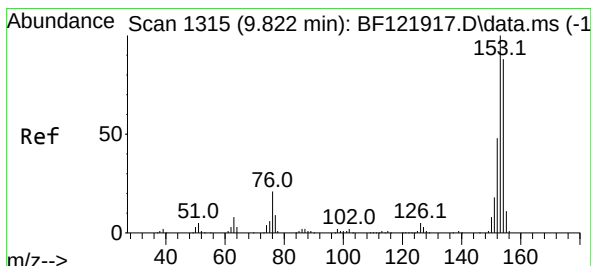
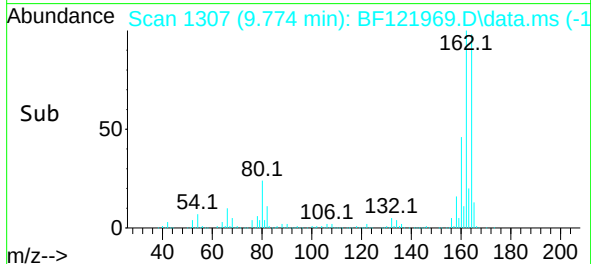
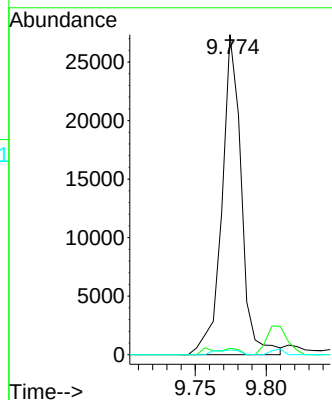
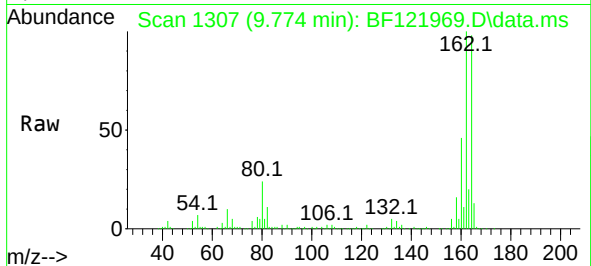




#51
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.774 min Scan# 1307
Delta R.T. 0.194 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

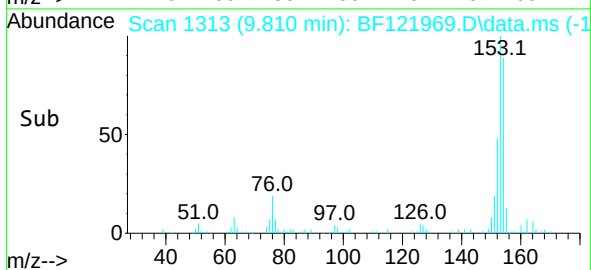
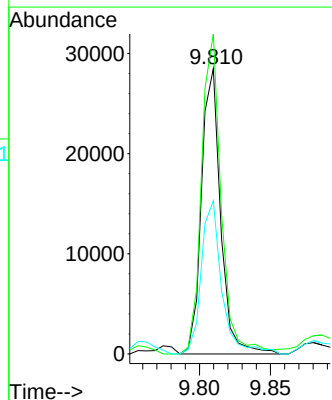
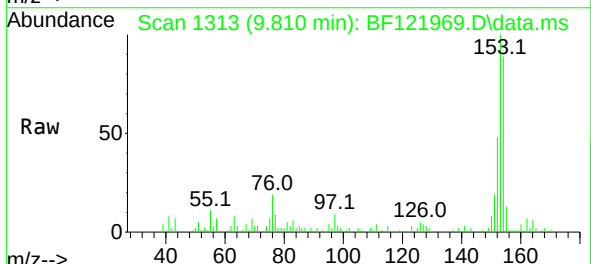
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TR-04-101320

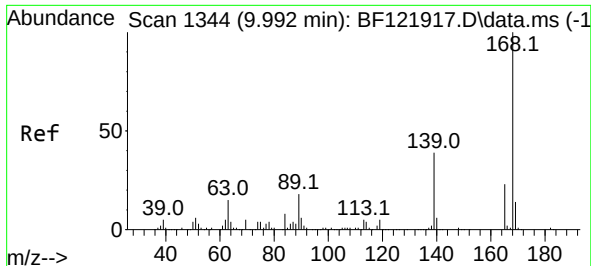
Tgt Ion:165 Resp: 25783
Ion Ratio Lower Upper
165 100
63 2.0 51.8 77.6#
89 1.5 49.0 73.6#



#52
Acenaphthene
Concen: 2.44 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Tgt Ion:154 Resp: 26736
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.8
152 53.6 43.2 64.8





#55

Dibenzenofuran

Concen: 2.03 ng

RT: 9.980 min Scan# 1342

Delta R.T. -0.012 min

Lab File: BF121969.D

Acq: 14 Oct 2020 21:11

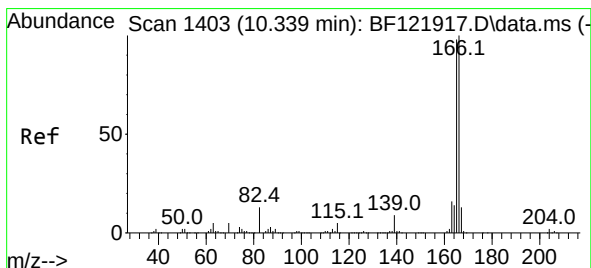
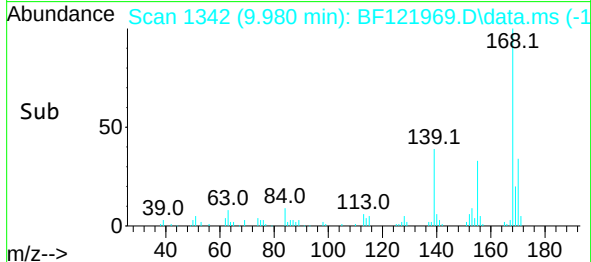
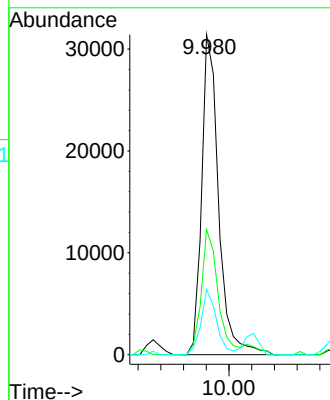
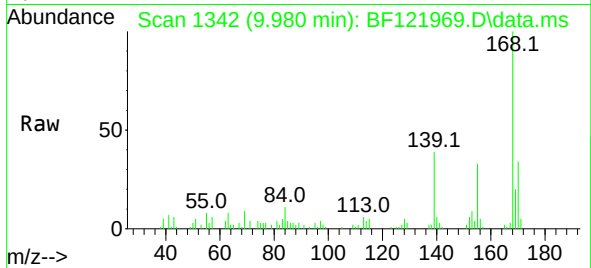
Tgt Ion:168 Resp: 32438

Ion Ratio Lower Upper

168 100

139 39.2 31.0 46.6

169 20.4 11.3 16.9#



#58

Fluorene

Concen: 2.37 ng

RT: 10.321 min Scan# 1400

Delta R.T. -0.018 min

Lab File: BF121969.D

Acq: 14 Oct 2020 21:11

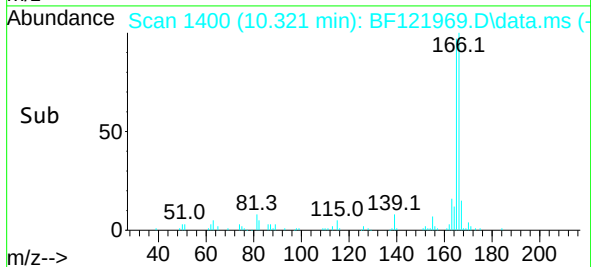
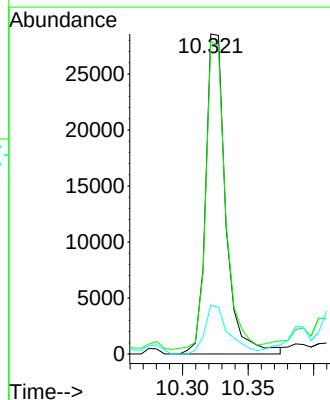
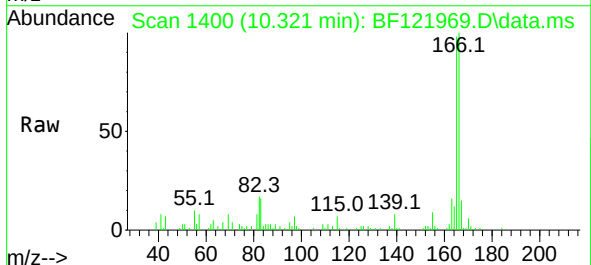
Tgt Ion:166 Resp: 30488

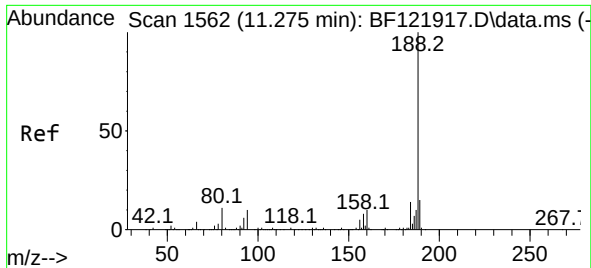
Ion Ratio Lower Upper

166 100

165 97.7 79.1 118.7

167 15.2 11.0 16.6

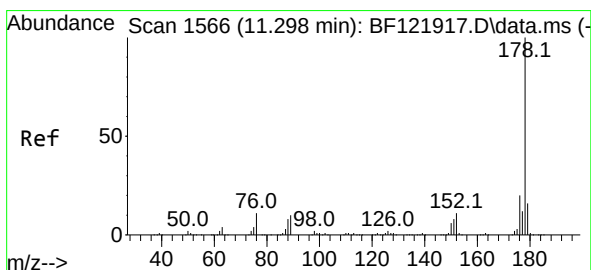
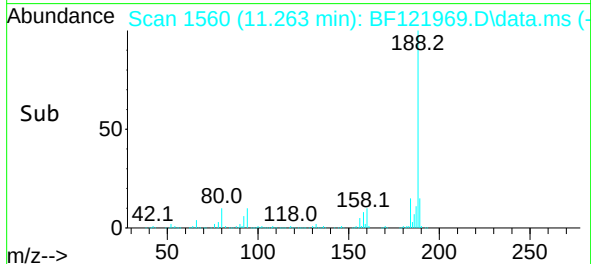
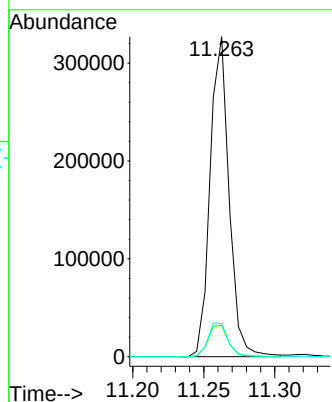
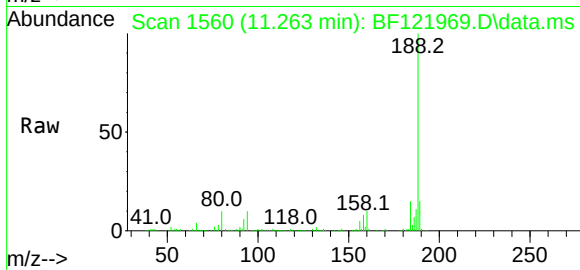




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

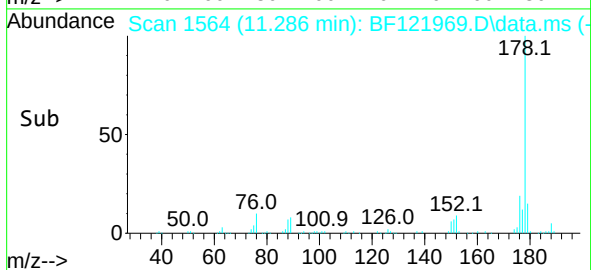
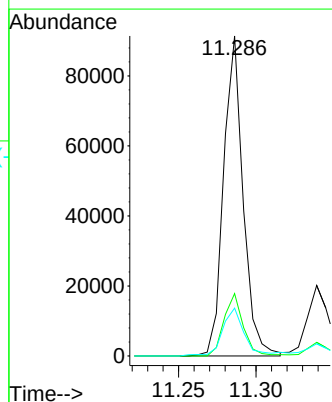
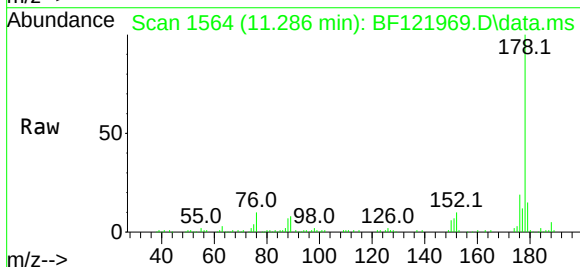
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

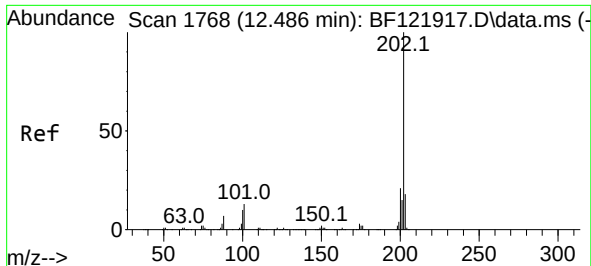
Tgt Ion:188 Resp: 303286
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.4 9.1 13.7



#71
Phenanthrene
Concen: 4.81 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Tgt Ion:178 Resp: 79990
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.0 12.2 18.4

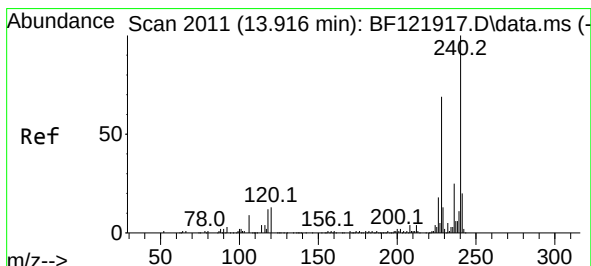
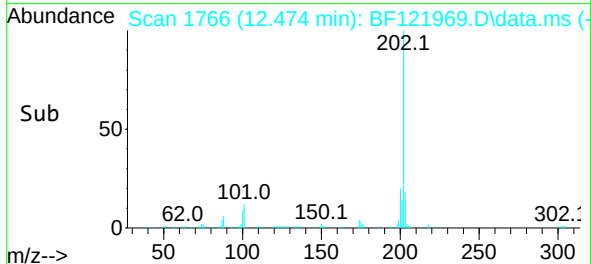
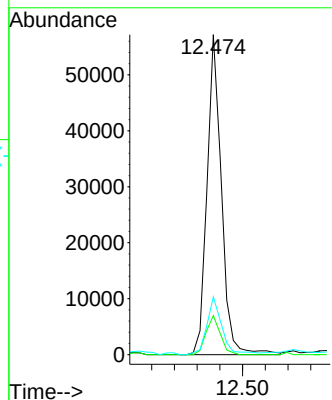
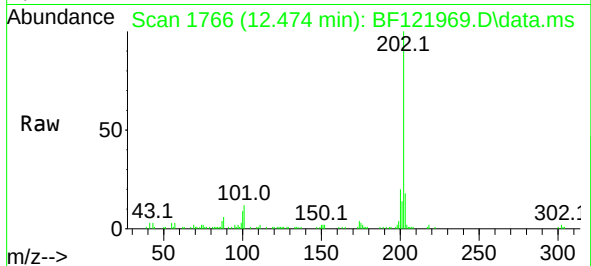




#75
Fluoranthene
Concen: 2.82 ng
RT: 12.474 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

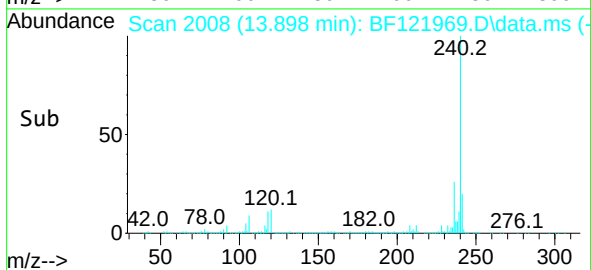
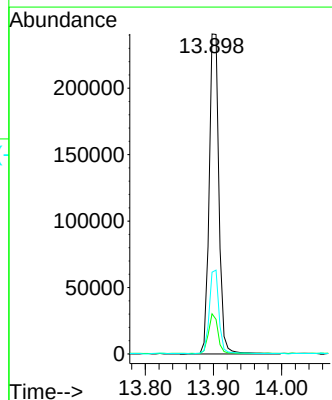
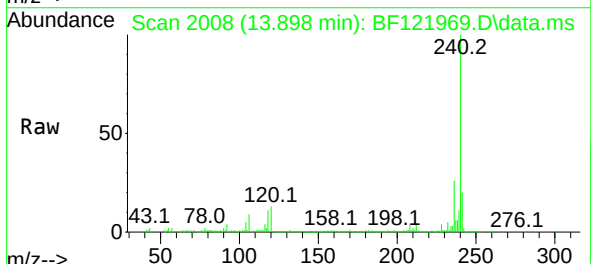
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

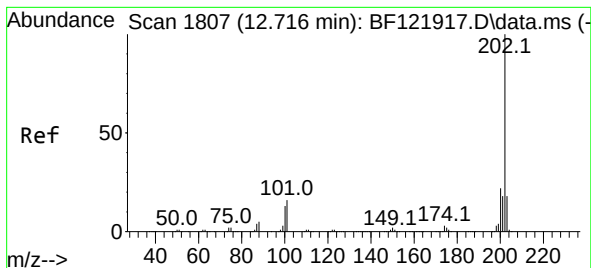
Tgt Ion:	202	Resp:	50352
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	33.4
203	18.0	0.0	37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Tgt Ion:	240	Resp:	239808
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.2	13.8
236	25.6	20.9	31.3





#78

Pyrene

Concen: 2.34 ng

RT: 12.704 min Scan# 1805

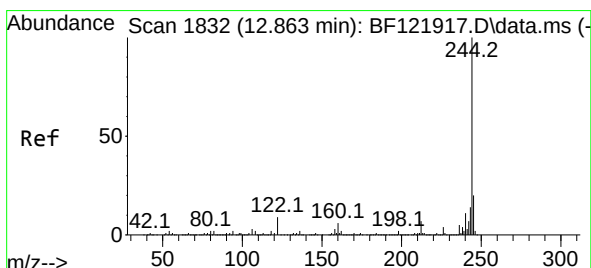
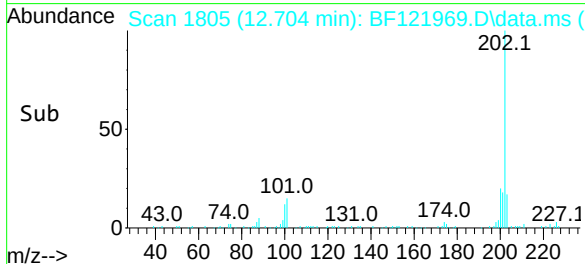
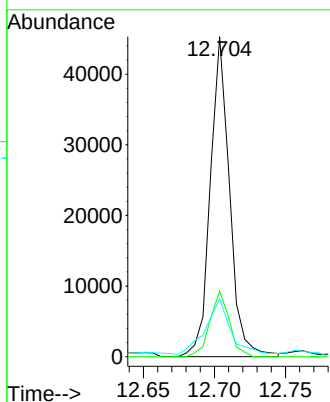
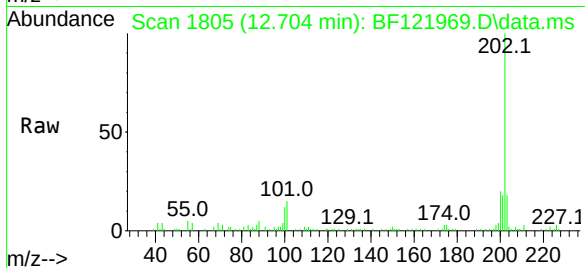
Delta R.T. -0.012 min

Lab File: BF121969.D

Acq: 14 Oct 2020 21:11

Tgt Ion:202 Resp: 42778

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.1	14.6	21.8



#79

Terphenyl-d14

Concen: 10.10 ng

RT: 12.845 min Scan# 1829

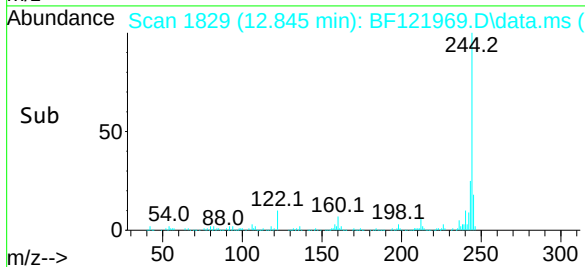
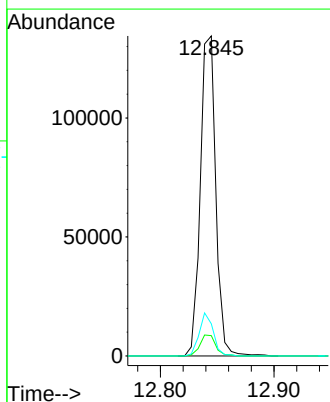
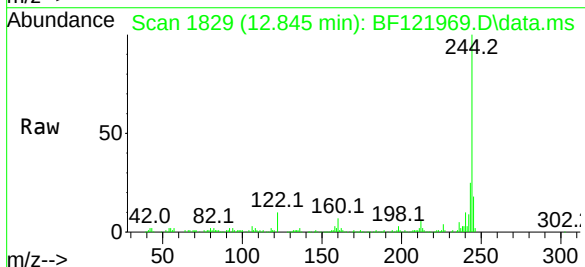
Delta R.T. -0.018 min

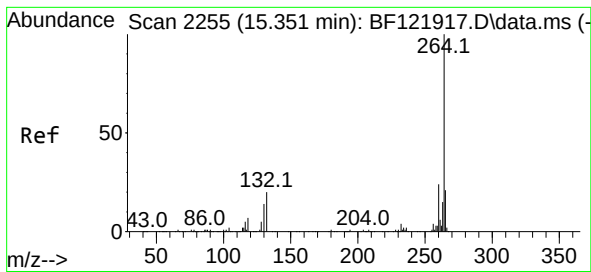
Lab File: BF121969.D

Acq: 14 Oct 2020 21:11

Tgt Ion:244 Resp: 127154

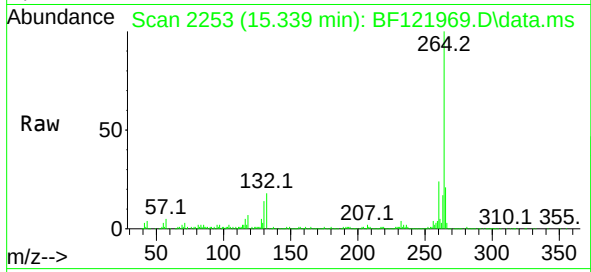
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.0	8.1	12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Instrument :
BNA_F
ClientSampleId :
TR-04-101320



Tgt Ion:	264	Resp:	244979
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.7	28.1
265	21.4	17.3	25.9

