

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
 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)

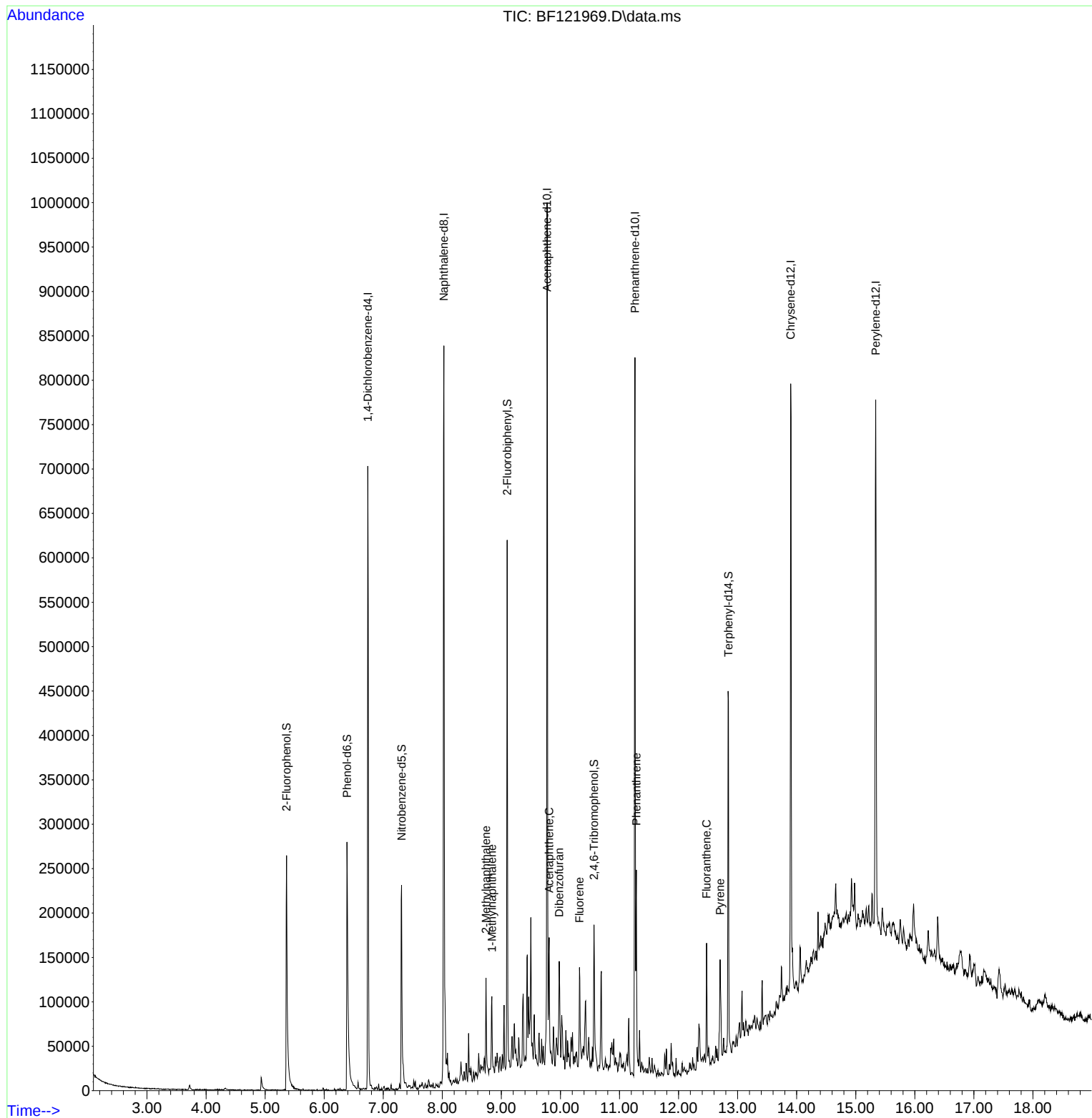
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	103731	20.00	ng	0.00
21) Naphthalene-d8	8.028	136	398552	20.00	ng	0.00
39) Acenaphthene-d10	9.774	164	189359	20.00	ng	-0.01
64) Phenanthrene-d10	11.263	188	303286	20.00	ng	-0.01
76) Chrysene-d12	13.898	240	239808	20.00	ng	-0.02
86) Perylene-d12	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
37) 2-Methylnaphthalene	8.739	142	32518	2.35	ng	96
38) 1-Methylnaphthalene	8.839	142	27785	2.17	ng	98
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

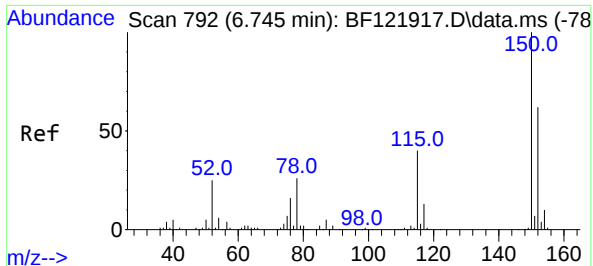
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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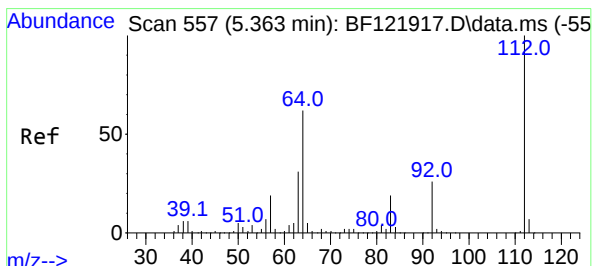
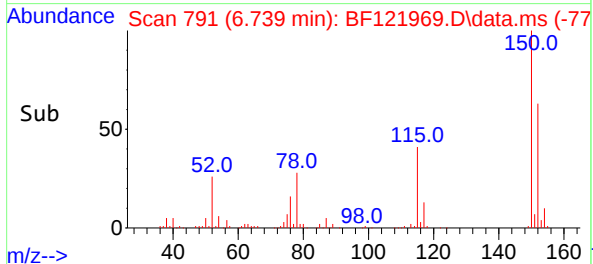
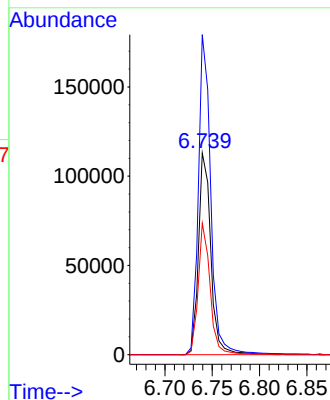
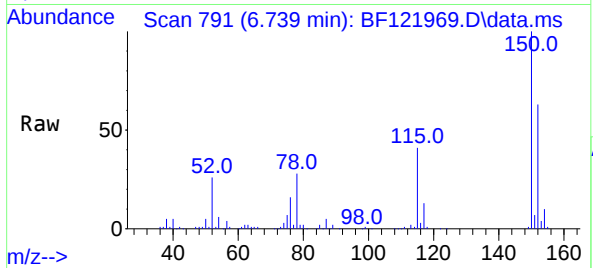




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

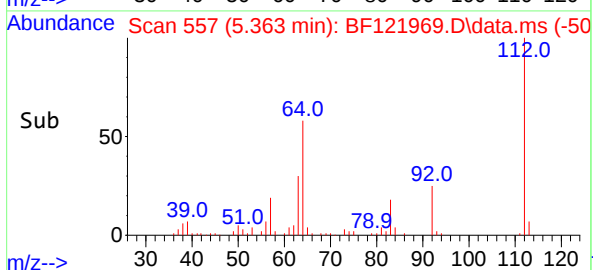
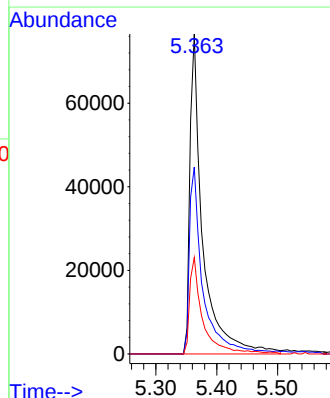
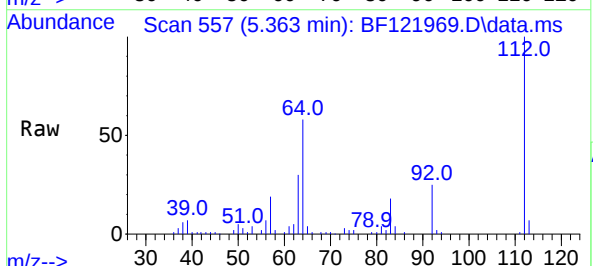
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

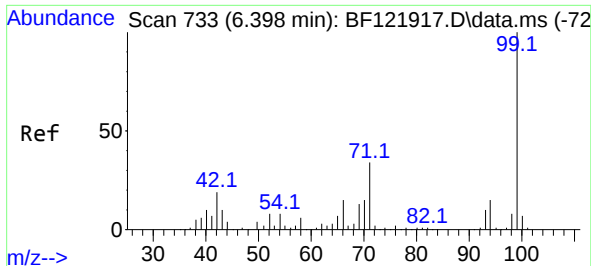
Tgt Ion:152 Resp: 103731
Ion Ratio Lower Upper
152 100
150 158.7 125.3 187.9
115 65.2 51.9 77.9



#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

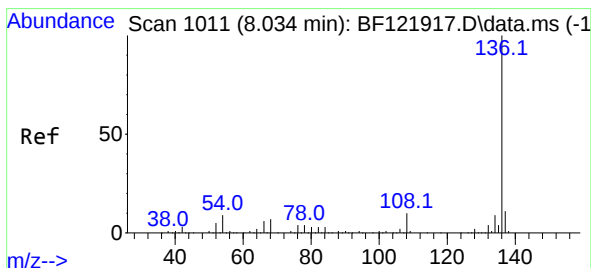
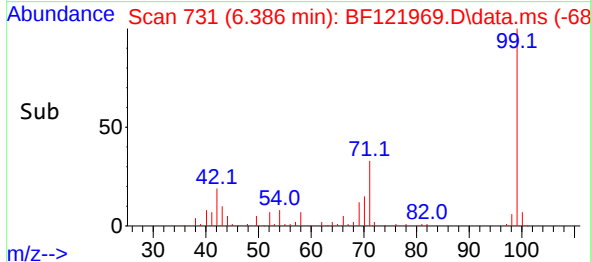
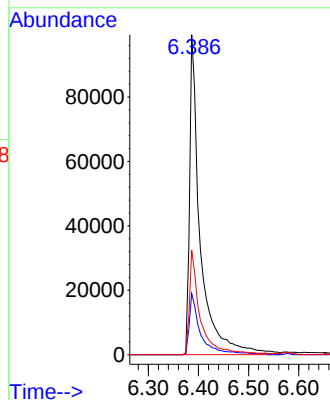
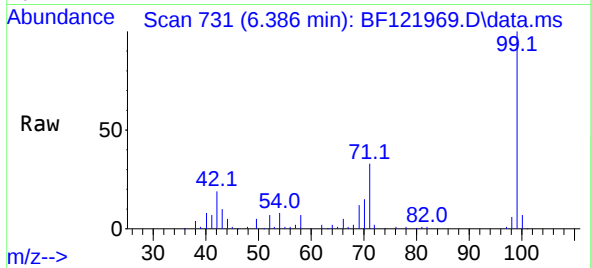




#7
Phenol-d6
Concen: 16.39 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

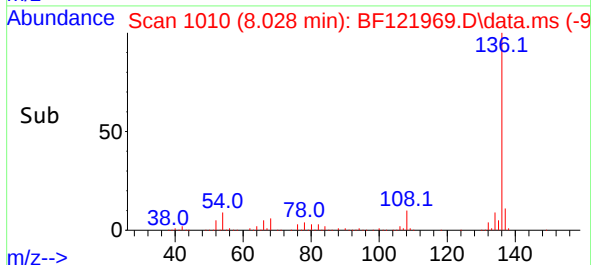
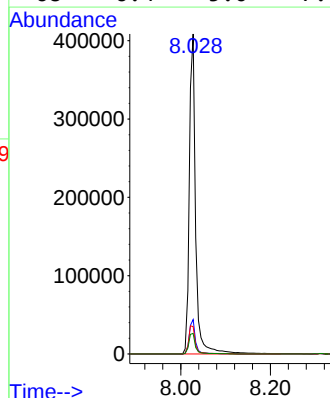
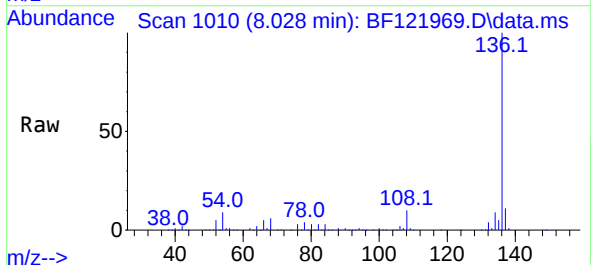
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

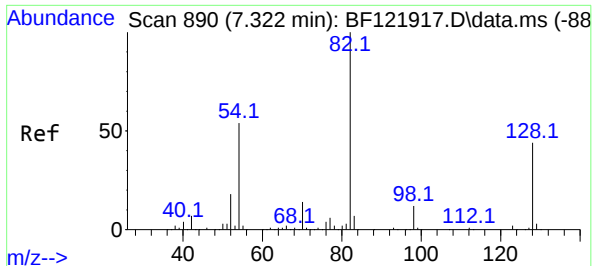
Tgt Ion: 99 Resp: 148263
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 32.6 27.1 40.7



#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

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

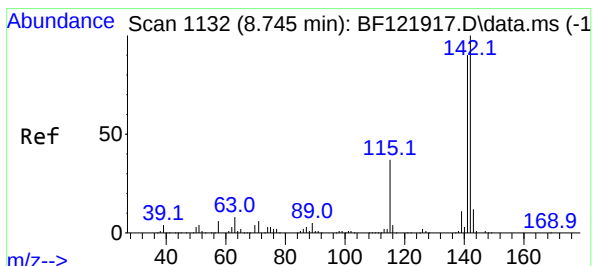
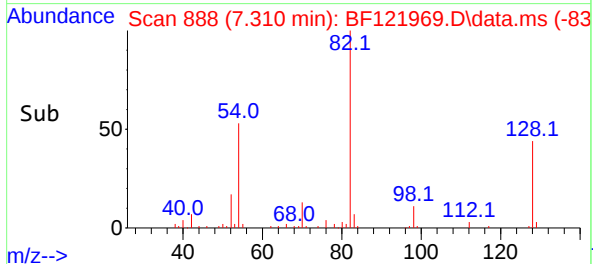
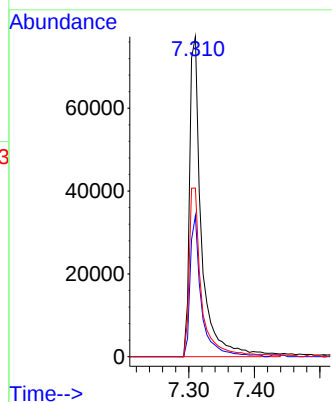
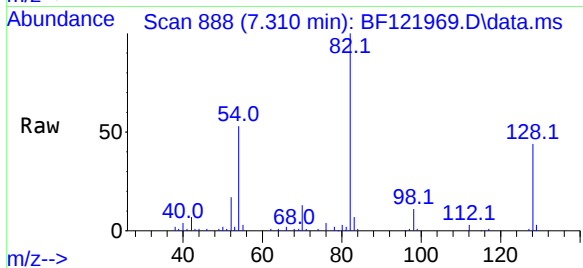
Delta R.T. -0.012 min

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



#37

2-Methylnaphthalene

Concen: 2.35 ng

RT: 8.739 min Scan# 1131

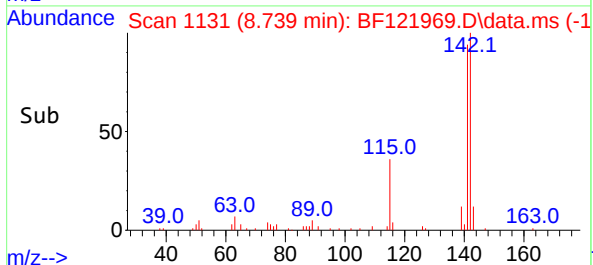
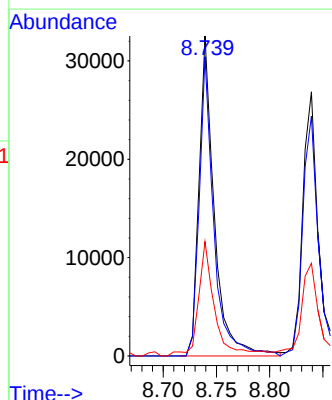
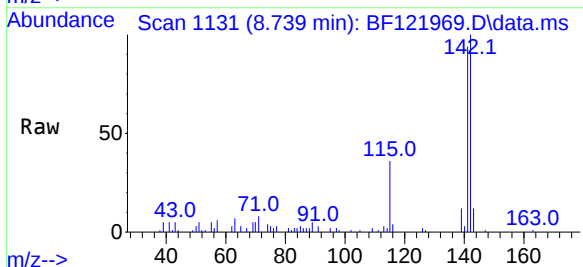
Delta R.T. -0.006 min

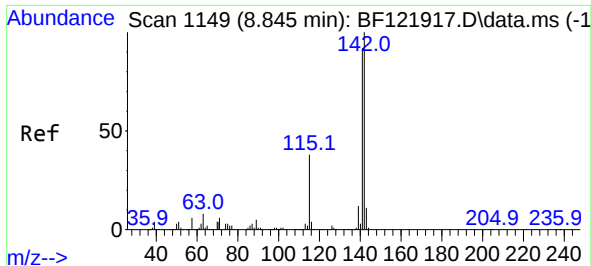
Lab File: BF121969.D

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

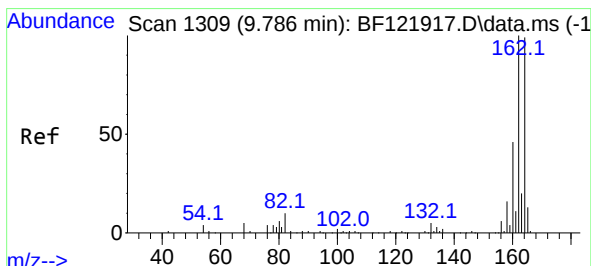
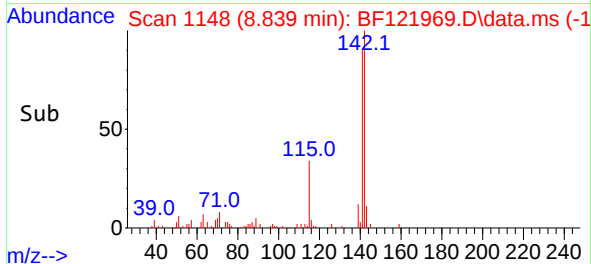
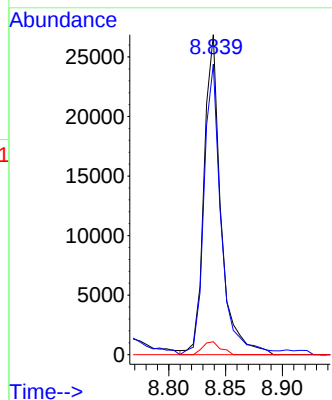
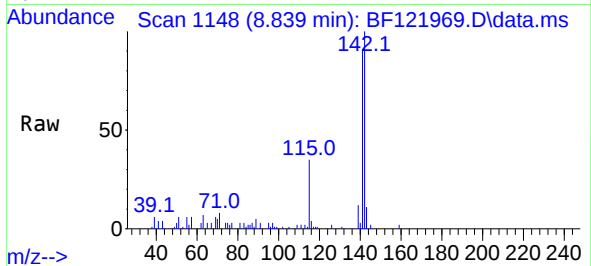




#38
1-Methylnaphthalene
Concen: 2.17 ng
RT: 8.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

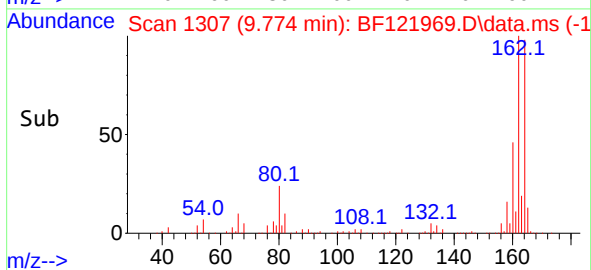
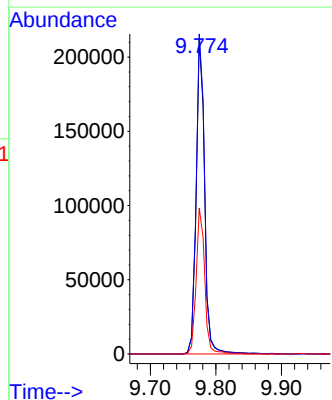
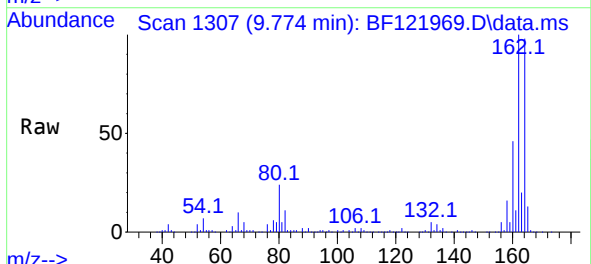
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

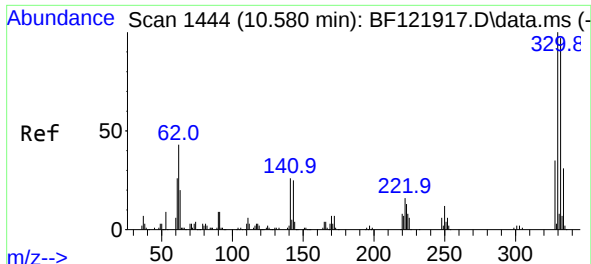
Tgt Ion:142 Resp: 27785
Ion Ratio Lower Upper
142 100
141 90.8 74.5 111.7
116 4.0 3.2 4.8



#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

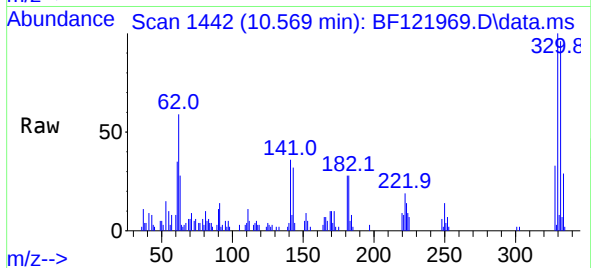
Tgt Ion:164 Resp: 189359
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 46.4 37.5 56.3



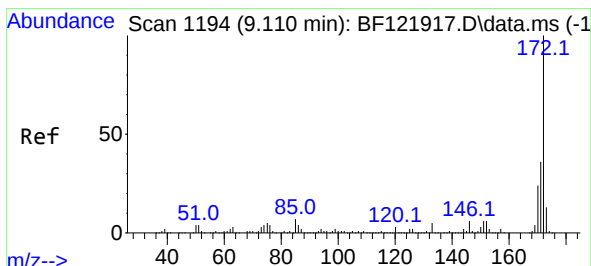
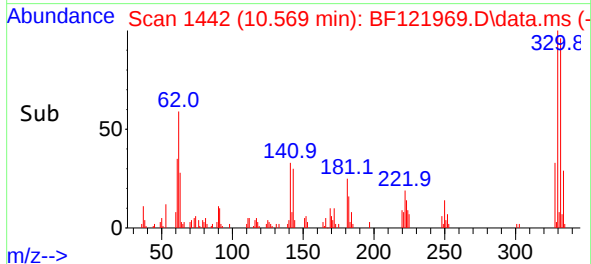
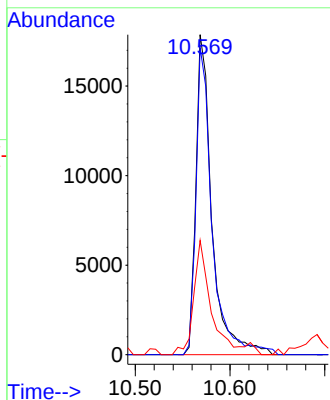


#42
2,4,6-Tribromophenol
Concen: 8.97 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

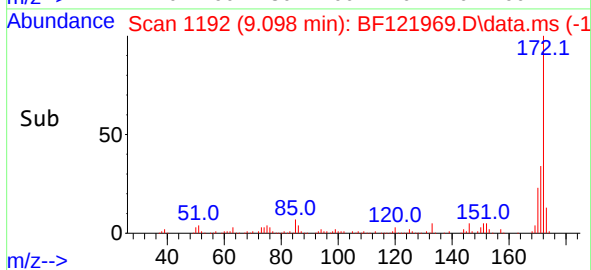
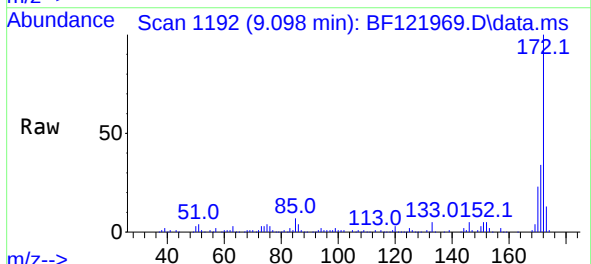
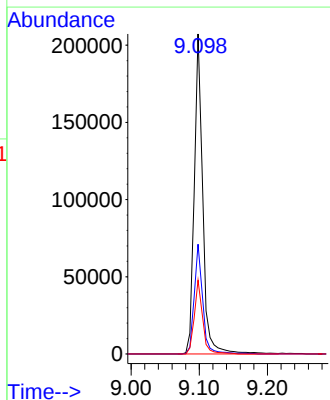


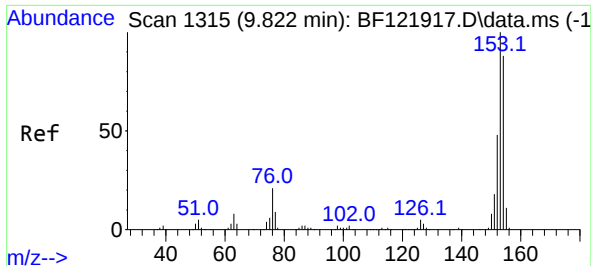
Tgt Ion:330 Resp: 21010
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 38.8 22.3 33.5#



#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

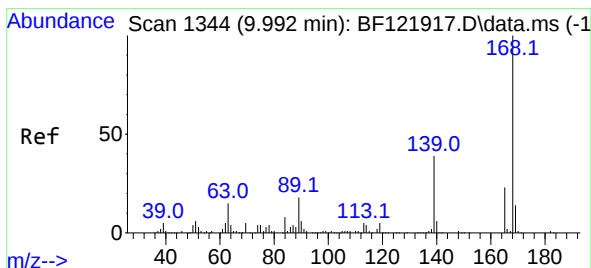
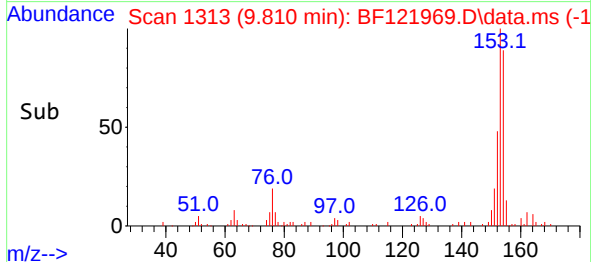
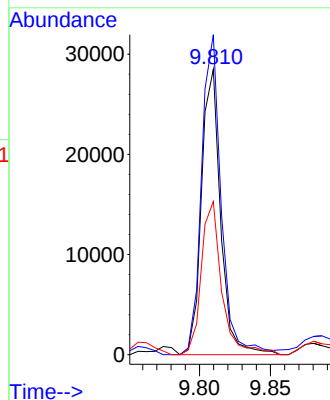
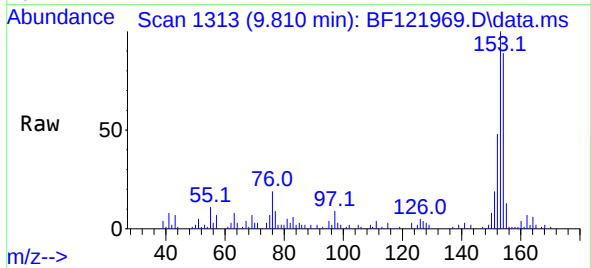




#52
Acenaphthene
Concen: 2.44 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

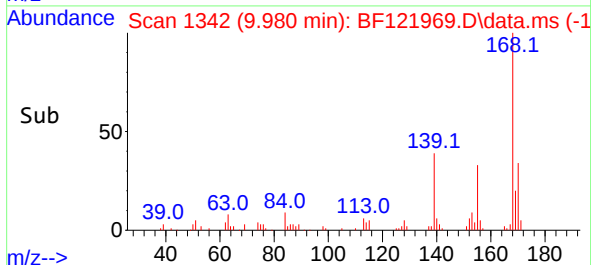
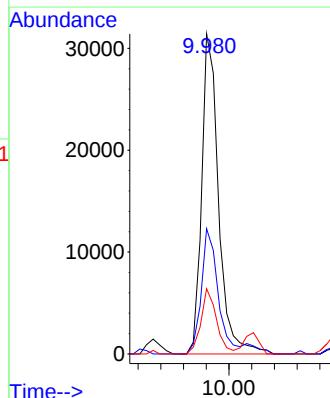
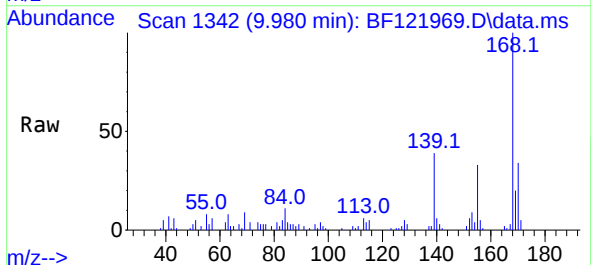
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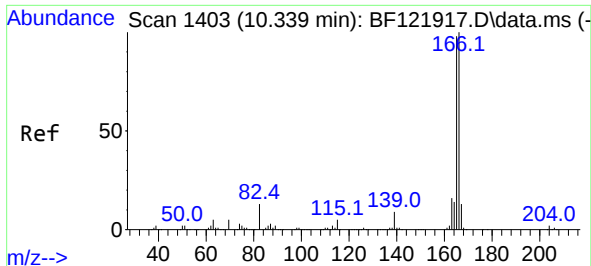
Tgt Ion:154 Resp: 26736
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.8
152 53.6 43.2 64.8



#55
Dibenzofuran
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#

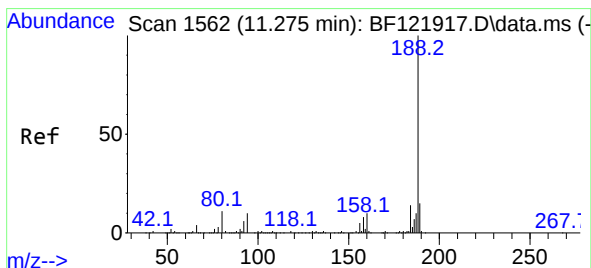
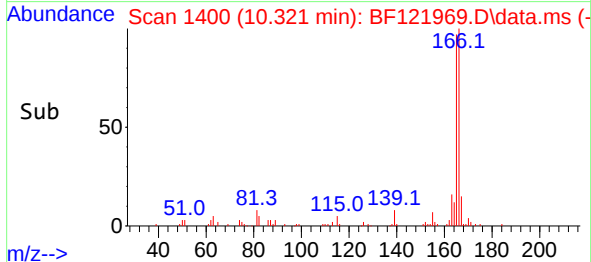
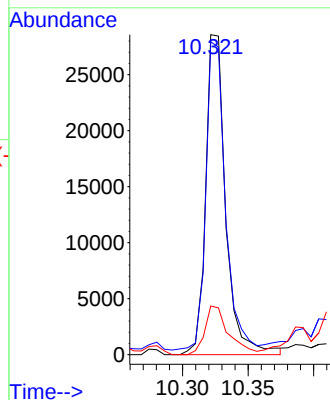
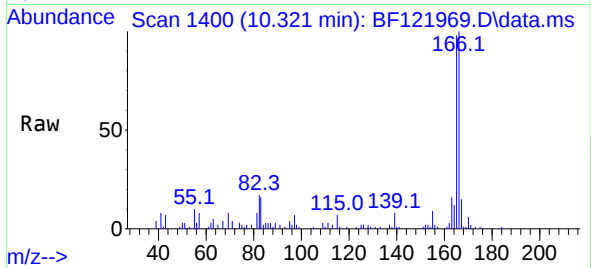




#58
Fluorene
Concen: 2.37 ng
RT: 10.321 min Scan# 1400
Delta R.T. -0.018 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

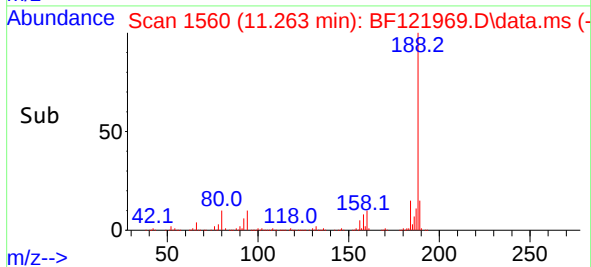
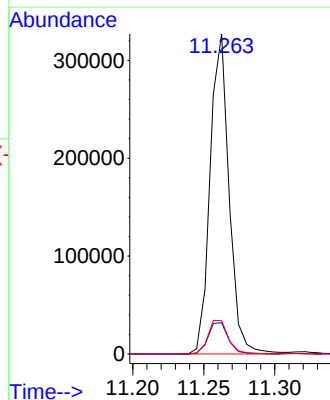
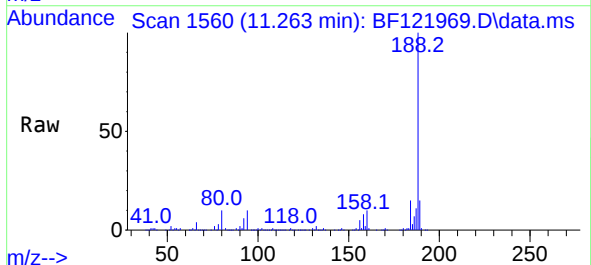
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

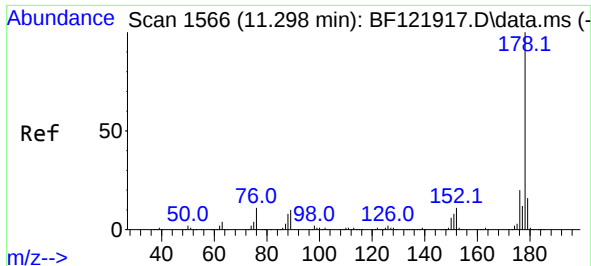
Tgt Ion:166 Resp: 30488
Ion Ratio Lower Upper
166 100
165 97.7 79.1 118.7
167 15.2 11.0 16.6



#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

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

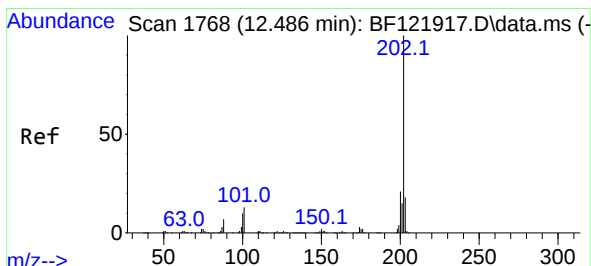
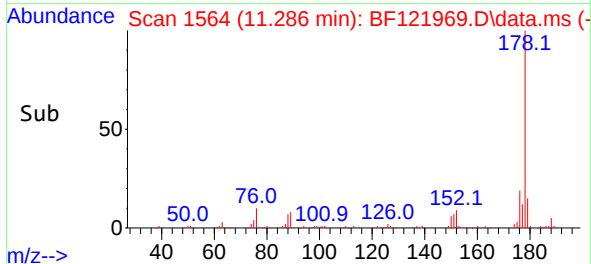
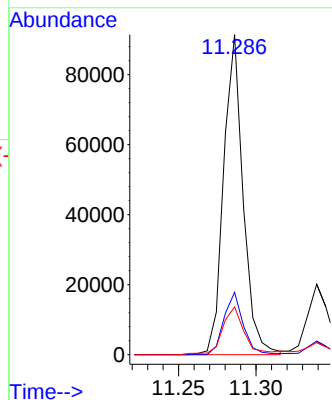
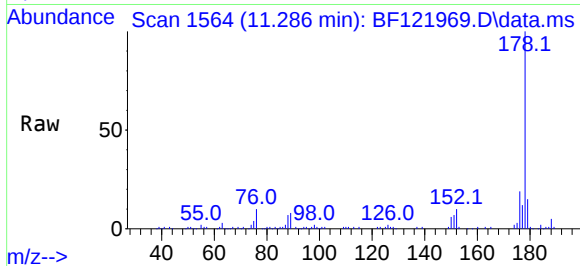




#71
Phenanthrene
Concen: 4.81 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

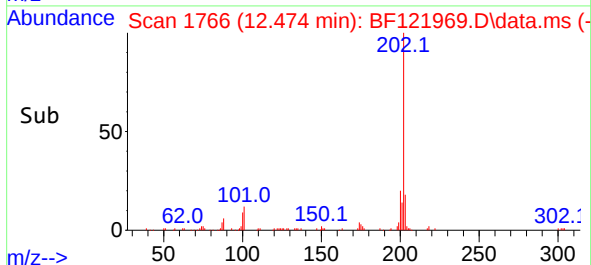
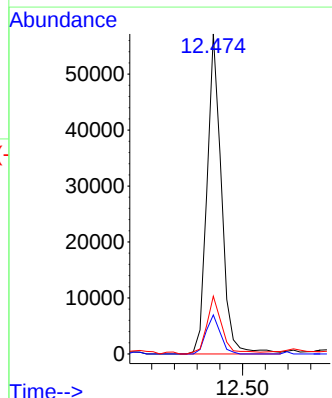
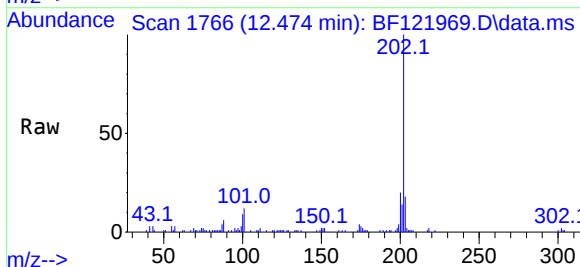
Instrument :
BNA_F
ClientSampleId :
TR-04-101320

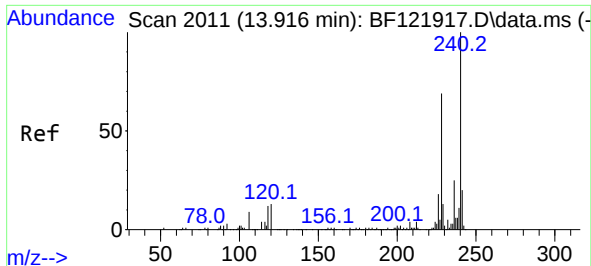
Tgt Ion:178 Resp: 79990
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.0 12.2 18.4



#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

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



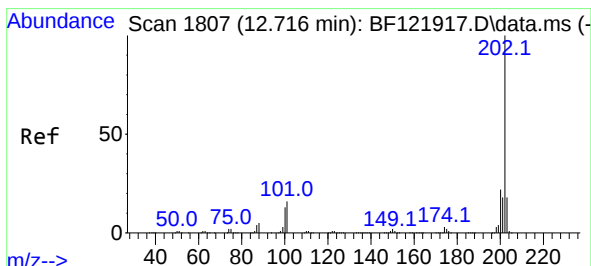
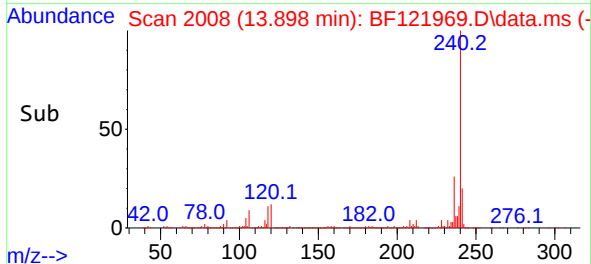
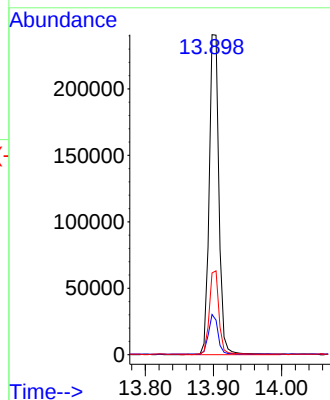
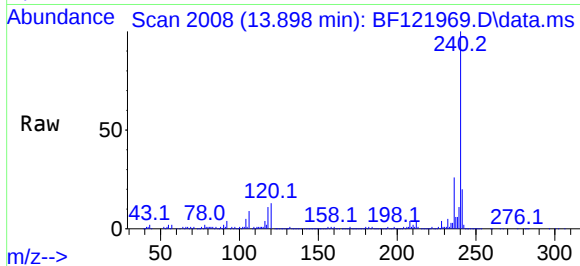


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.018 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

Tgt Ion:240 Resp: 239808

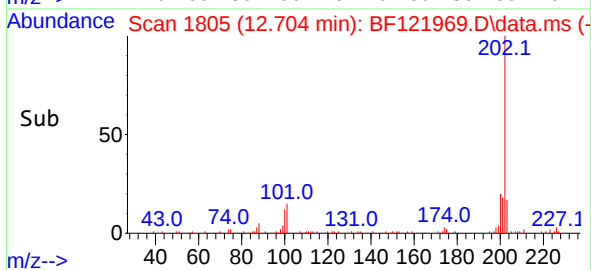
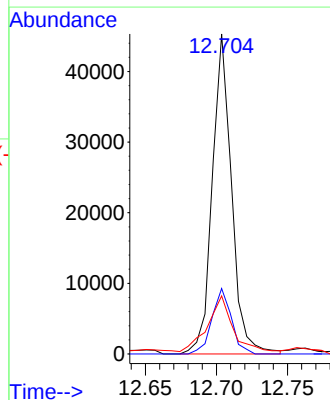
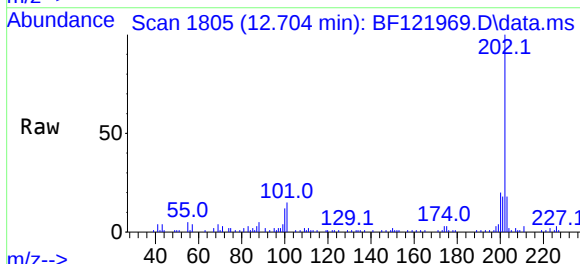
Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.2	13.8
236	25.6	20.9	31.3

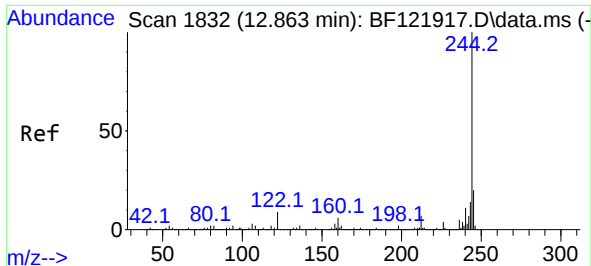


#78
Pyrene
Concen: 2.34 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

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

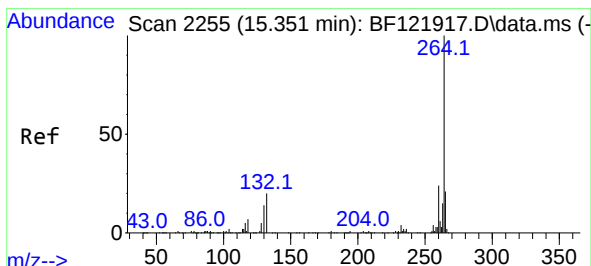
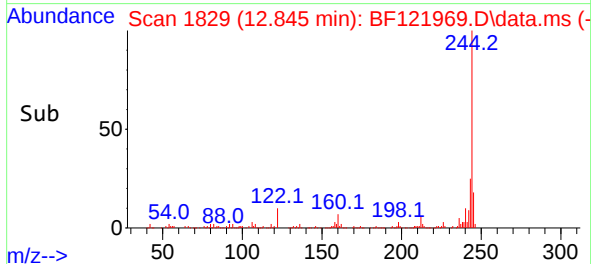
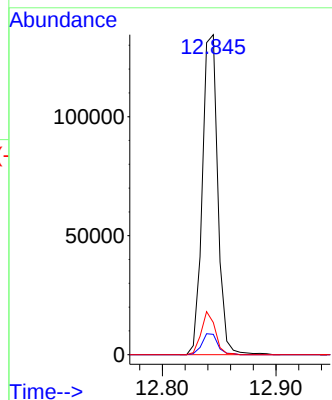
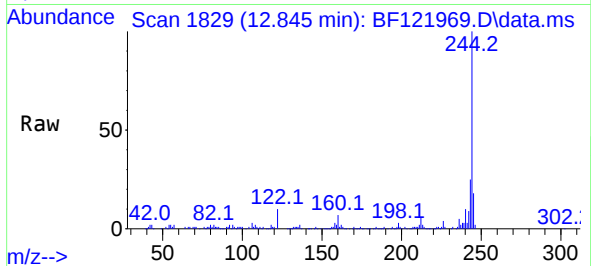




#79
Terphenyl-d14
Concen: 10.10 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.018 min
Lab File: BF121969.D
Acq: 14 Oct 2020 21:11

Instrument :
BNA_F
ClientSampleId :
TR-04-101320

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

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

