

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
 Data File : BF122129.D
 Acq On : 26 Oct 2020 22:15
 Operator : JU/CG
 Sample : L4510-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Oct 27 00:56:47 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 26 17:27:32 2020
 Response via : Initial Calibration

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

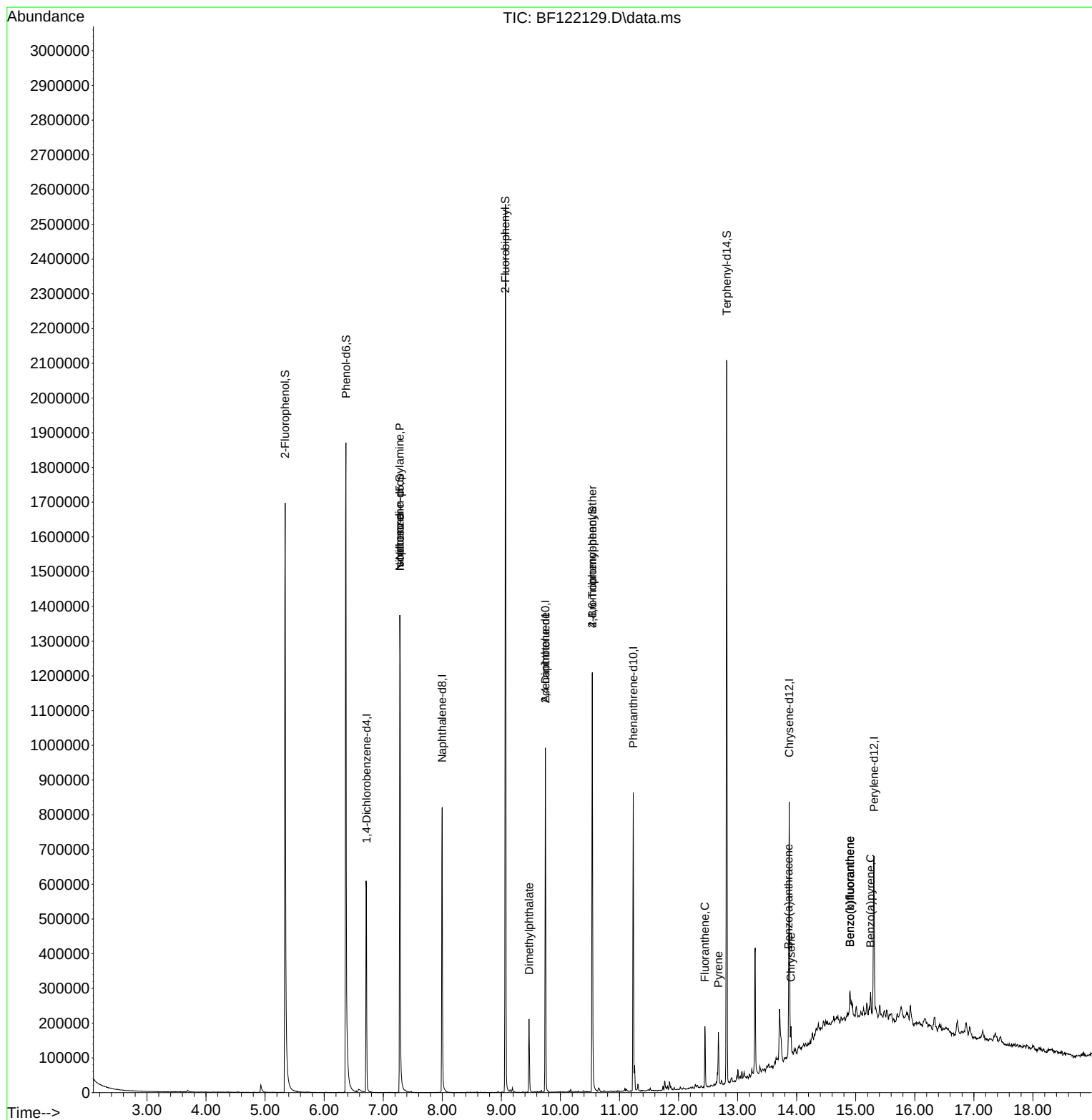
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	96686	20.00	ng	0.00
21) Naphthalene-d8	7.998	136	370831	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	178001	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	290841	20.00	ng	0.00
76) Chrysene-d12	13.874	240	219051	20.00	ng	0.00
86) Perylene-d12	15.310	264	203134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	555079	84.73	ng	0.00
7) Phenol-d6	6.369	99	700749	83.10	ng	0.00
23) Nitrobenzene-d5	7.281	82	472408	65.33	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	144356	65.56	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	771111	63.74	ng	0.00
79) Terphenyl-d14	12.816	244	616082	53.60	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	977	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.281	70	63158	13.15 ng	#	79
25) Isophorone	7.281	82	472404	34.55 ng	#	67
50) Dimethylphthalate	9.469	163	82882	6.37 ng		98
57) 2,4-Dinitrotoluene	9.745	165	22408	6.38 ng	#	20
67) 4-Bromophenyl-phenylether	10.539	248	8532	2.54 ng	#	1
75) Fluoranthene	12.445	202	67039	3.92 ng		98
78) Pyrene	12.675	202	58453	3.50 ng		99
81) Benzo(a)anthracene	13.863	228	40472	2.82 ng		98
83) Chrysene	13.904	228	32569	2.31 ng		99
88) Benzo(b)fluoranthene	14.904	252	53620	3.91 ng	#	90
89) Benzo(k)fluoranthene	14.904	252	53620	4.11 ng	#	89
90) Benzo(a)pyrene	15.251	252	27252	2.30 ng	#	89

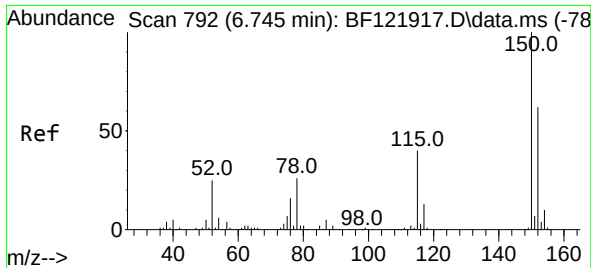
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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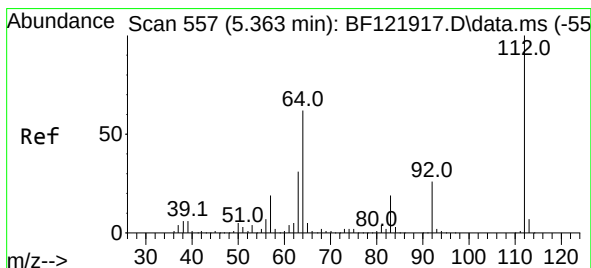
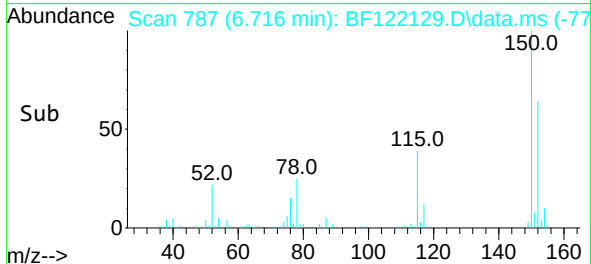
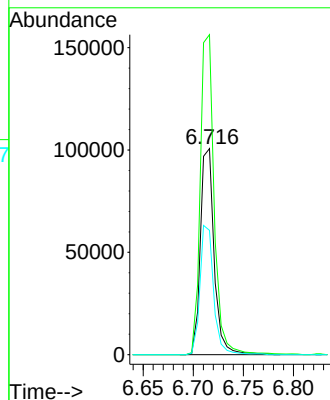
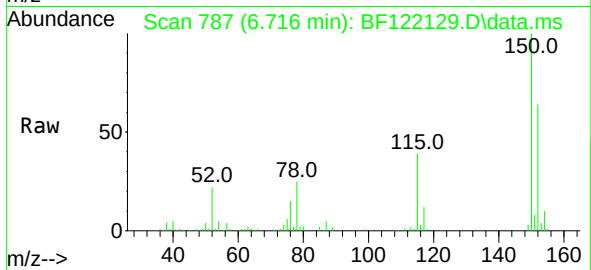




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

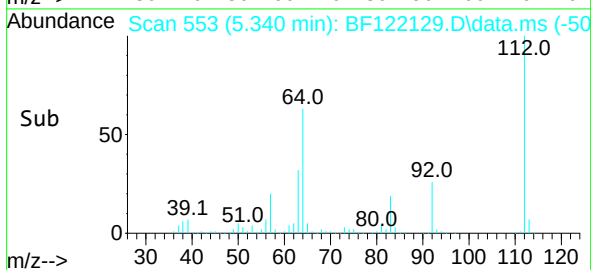
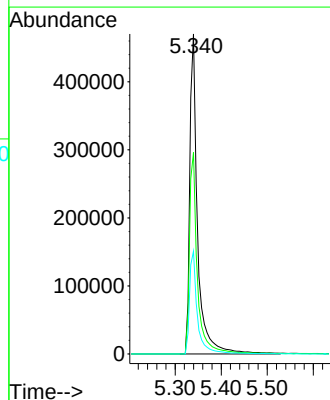
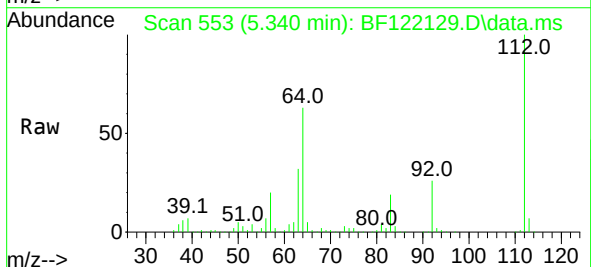
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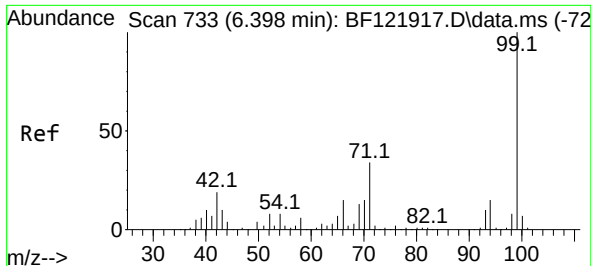
Tgt Ion:152 Resp: 96686
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 60.3 51.9 77.9



#5
2-Fluorophenol
Concen: 84.73 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion:112 Resp: 555079
Ion Ratio Lower Upper
112 100
64 62.9 50.4 75.6
63 32.1 25.8 38.6

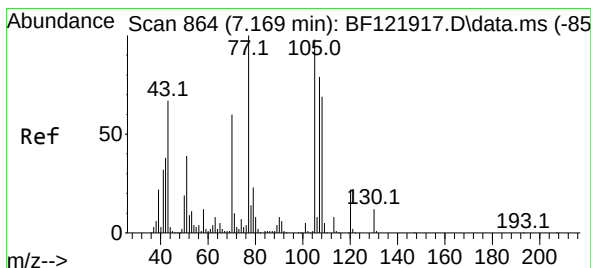
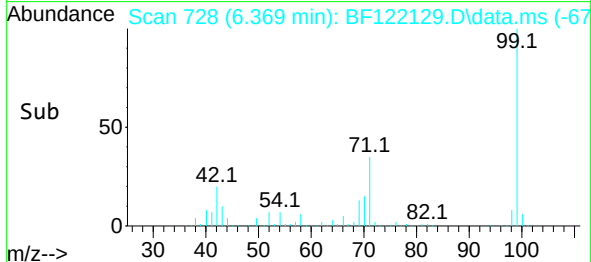
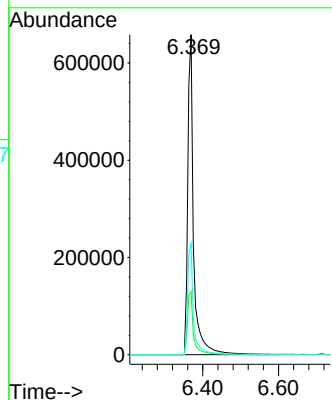
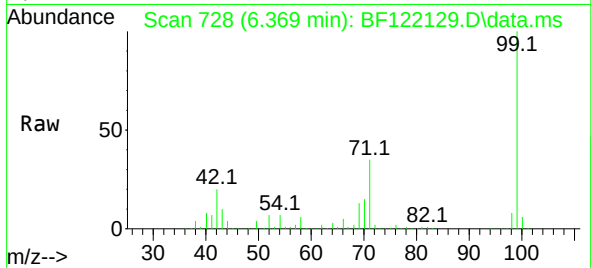




#7
Phenol-d6
Concen: 83.10 ng
RT: 6.369 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

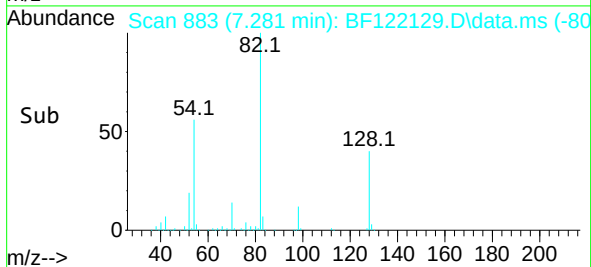
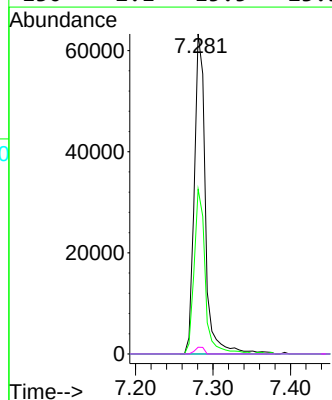
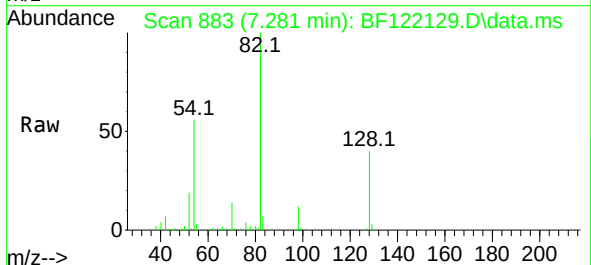
Instrument :
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ClientSampleId :
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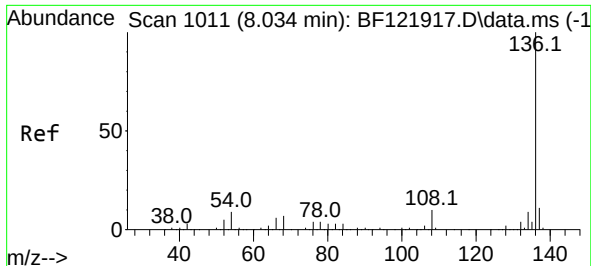
Tgt Ion: 99 Resp: 700749
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.15 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion: 70 Resp: 63158
Ion Ratio Lower Upper
70 100
42 51.5 50.2 75.4
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



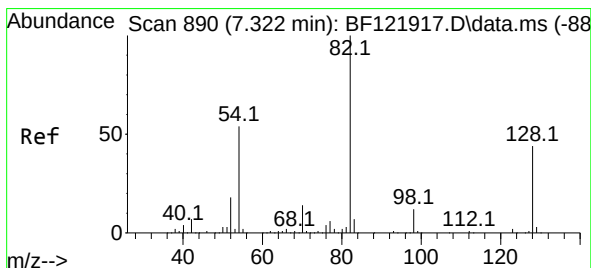
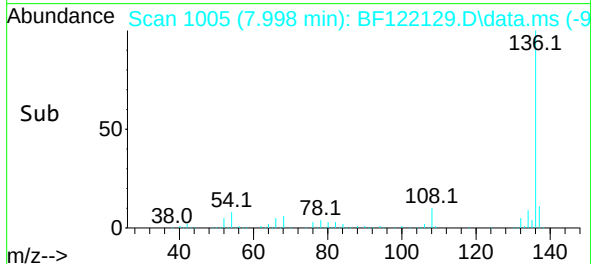
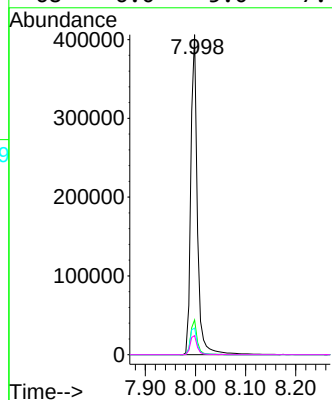
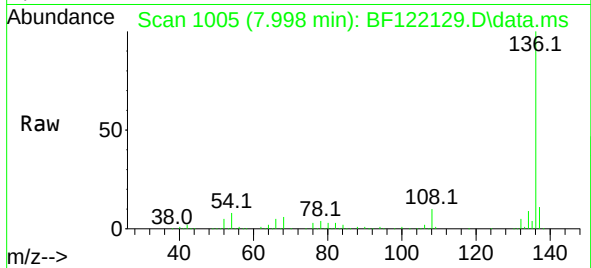


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:136 Resp: 370831

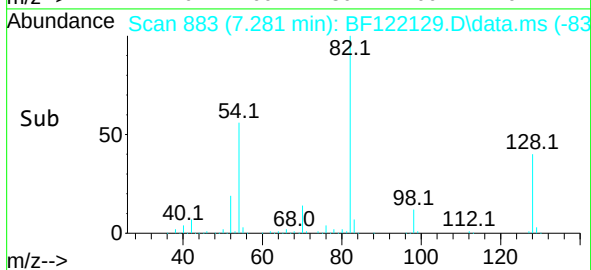
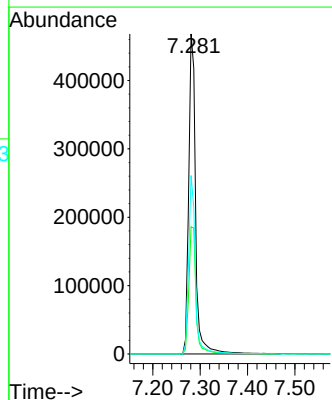
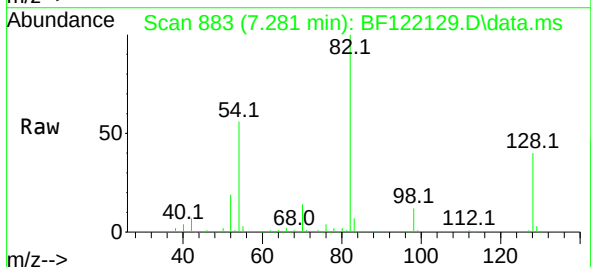
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.3	7.1	10.7
68	6.0	5.0	7.4

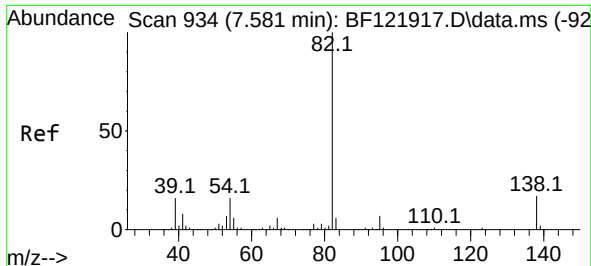


#23
Nitrobenzene-d5
Concen: 65.33 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion: 82 Resp: 472408

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.0	52.4
54	55.7	43.9	65.9

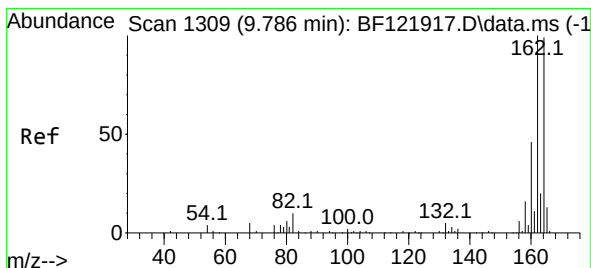
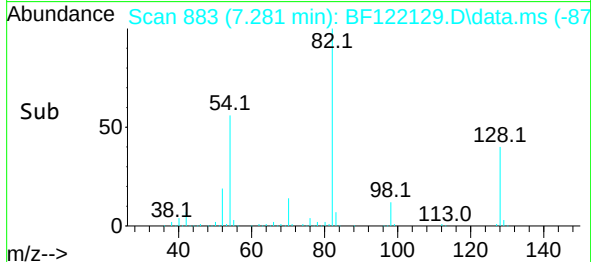
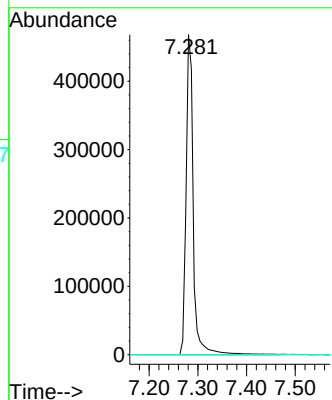
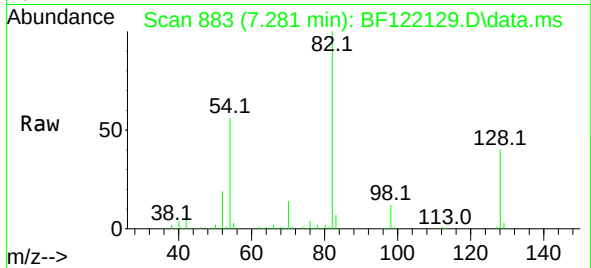




#25
Isophorone
Concen: 34.55 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

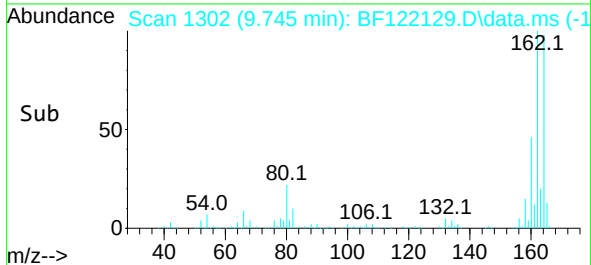
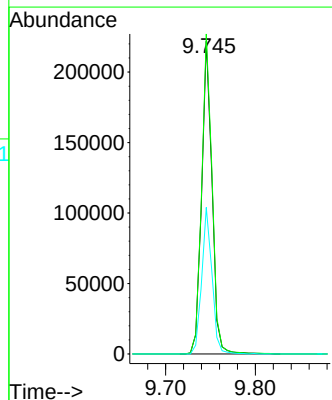
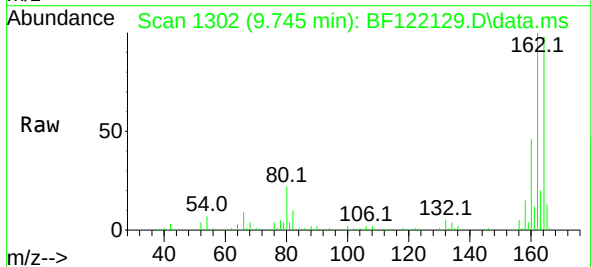
Instrument :
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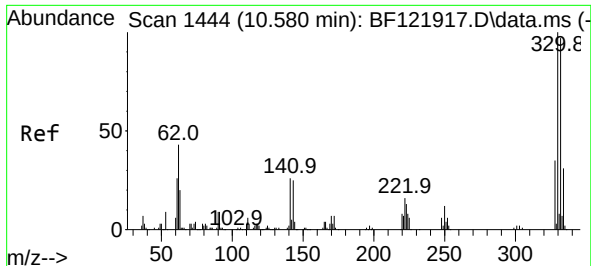
Tgt Ion: 82 Resp: 472404
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion:164 Resp: 178001
Ion Ratio Lower Upper
164 100
162 102.3 83.2 124.8
160 46.8 37.5 56.3

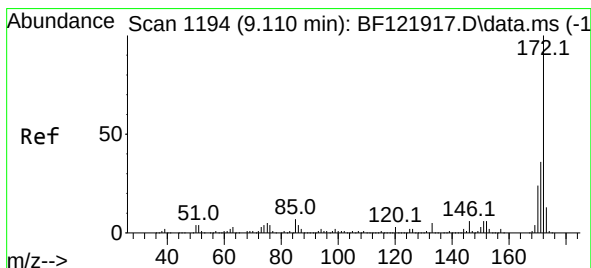
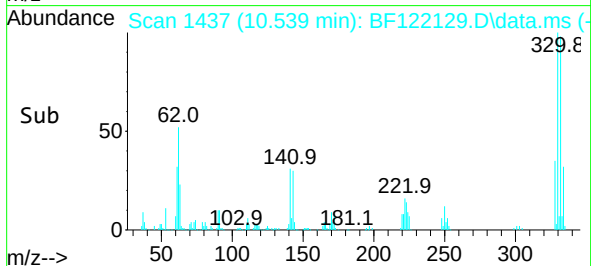
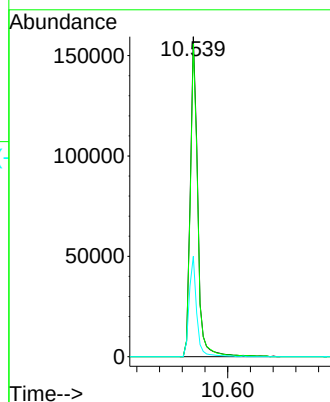
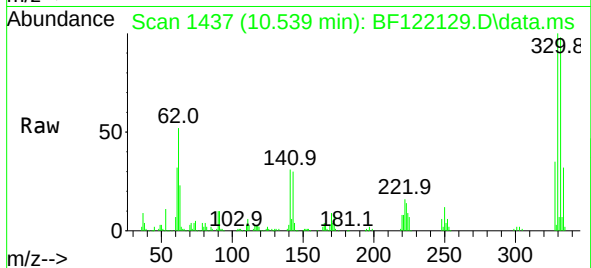




#42
2,4,6-Tribromophenol
Concen: 65.56 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

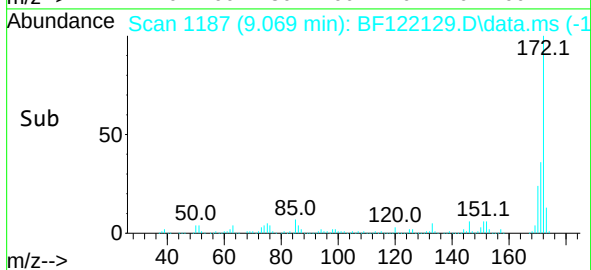
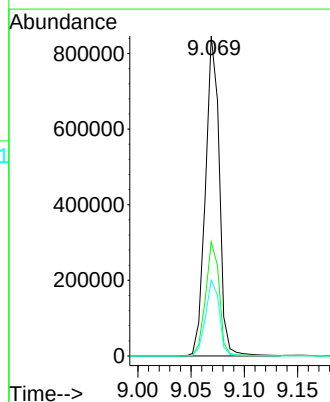
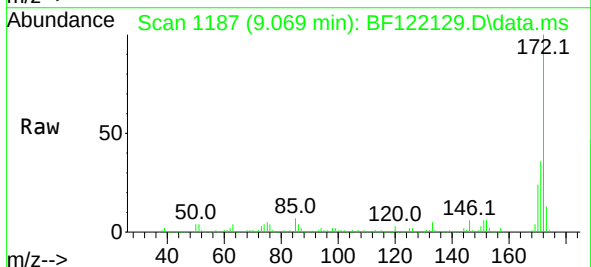
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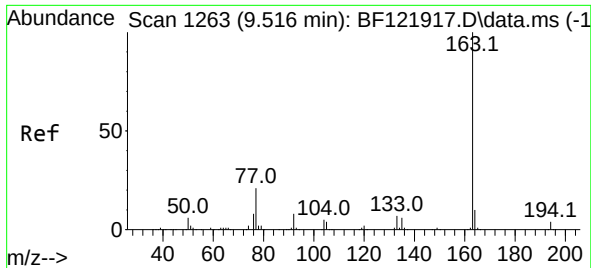
Tgt Ion: 330 Resp: 144356
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 31.5 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 63.74 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion: 172 Resp: 771111
Ion Ratio Lower Upper
172 100
171 35.6 29.1 43.7
170 23.7 19.8 29.6

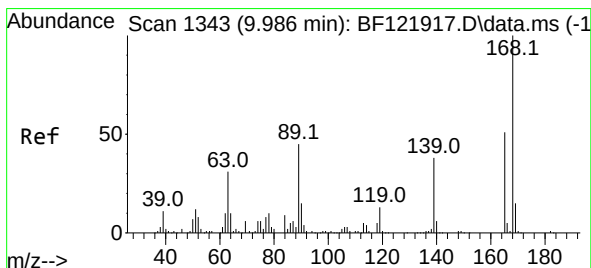
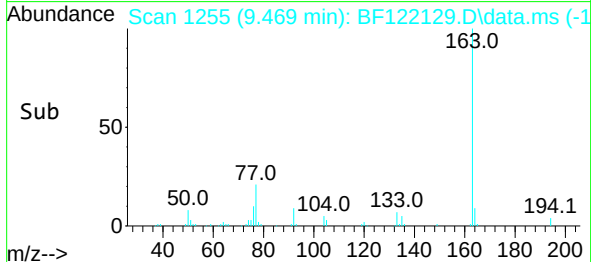
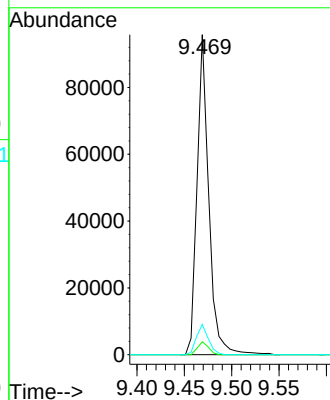
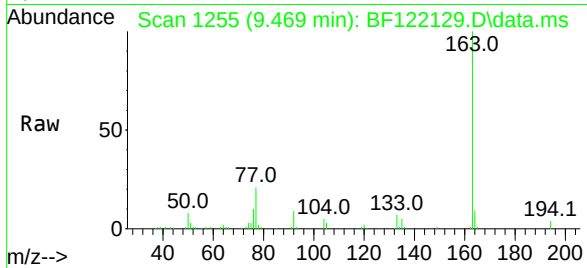




#50
Dimethylphthalate
Concen: 6.37 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

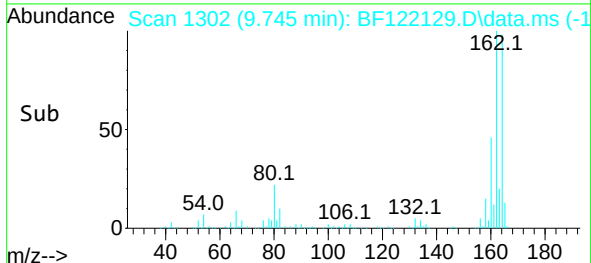
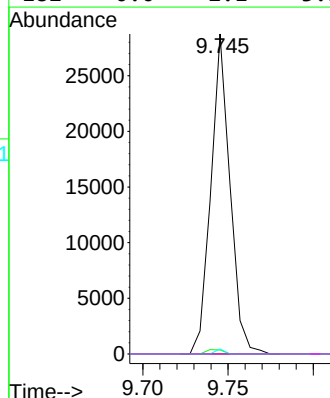
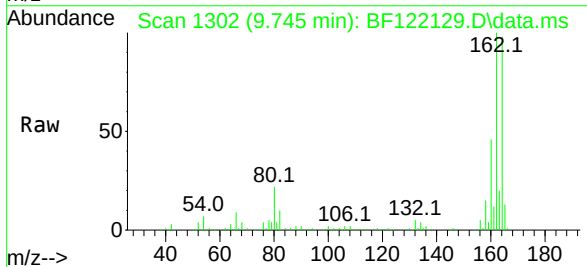
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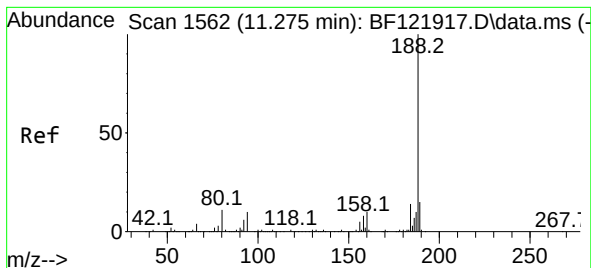
Tgt Ion:163 Resp: 82882
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.4 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.218 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion:165 Resp: 22408
Ion Ratio Lower Upper
165 100
63 1.3 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

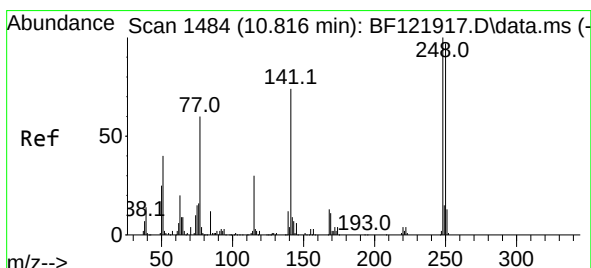
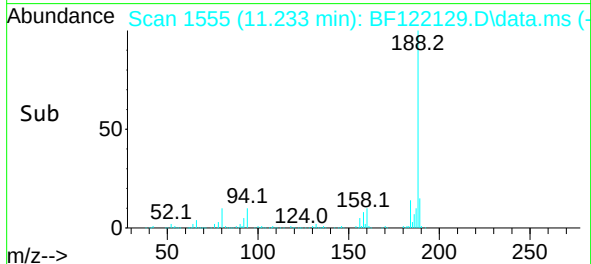
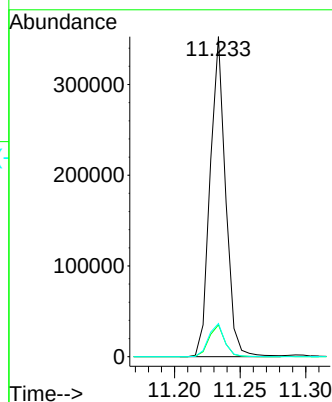
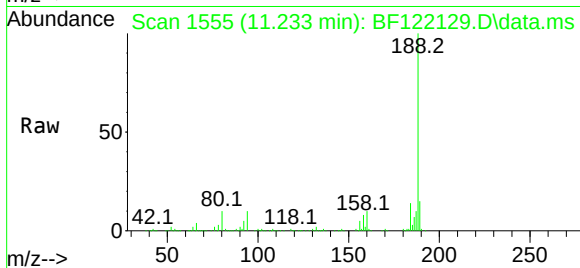




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

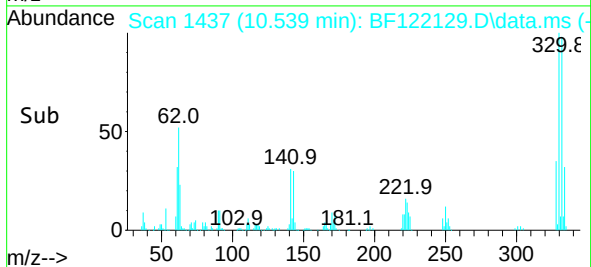
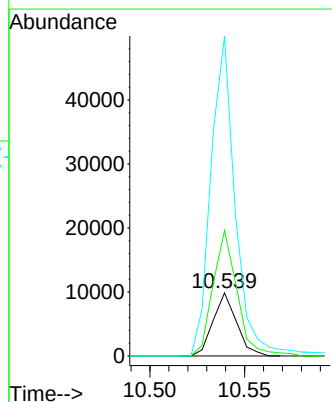
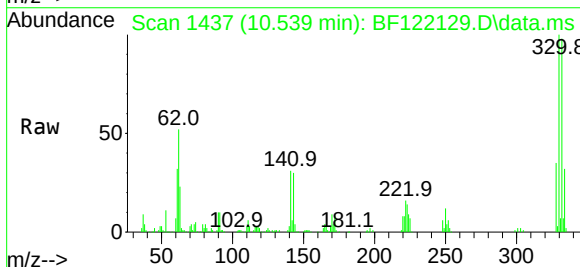
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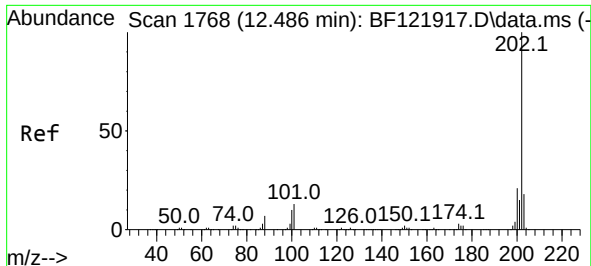
Tgt Ion:188 Resp: 290841
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.3 9.1 13.7



#67
4-Bromophenyl-phenylether
Concen: 2.54 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.235 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion:248 Resp: 8532
Ion Ratio Lower Upper
248 100
250 199.1 77.0 115.6#
141 507.9 53.7 80.5#

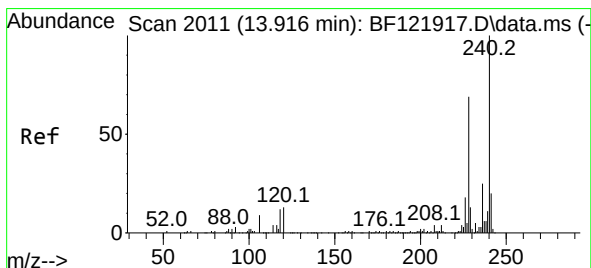
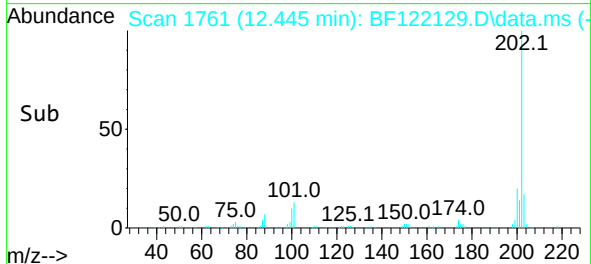
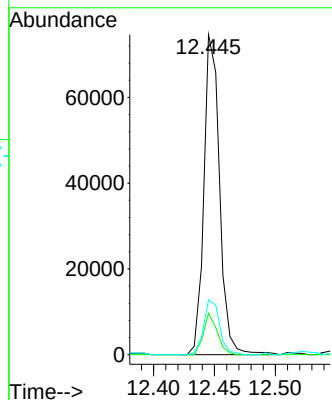
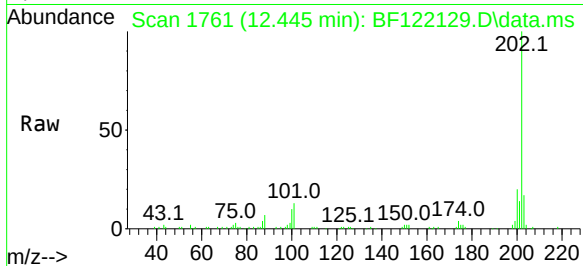




#75
Fluoranthene
Concen: 3.92 ng
RT: 12.445 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

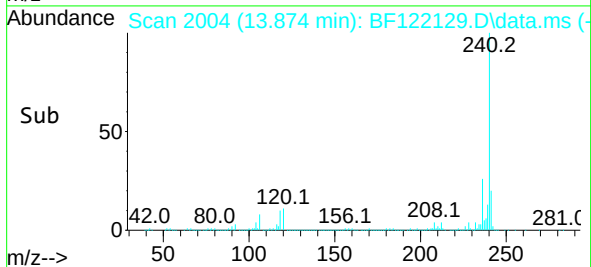
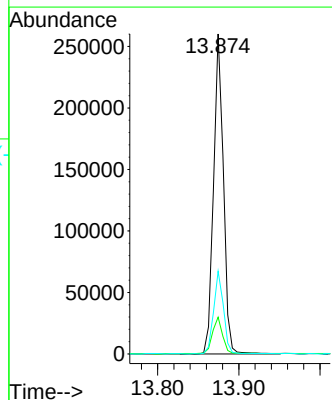
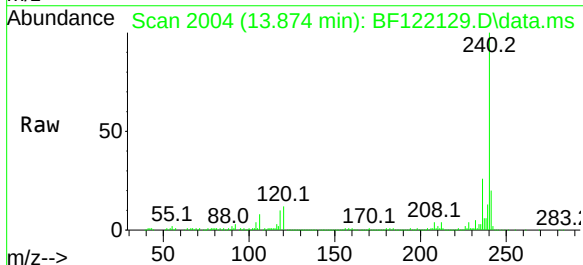
Instrument :
BNA_F
ClientSampleId :
COMP-3

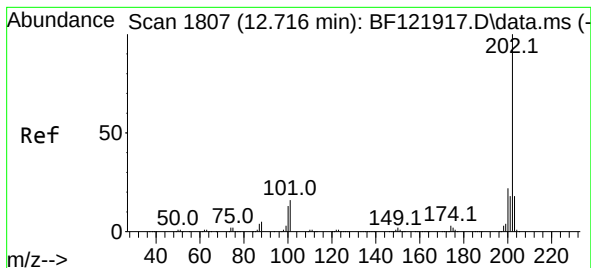
Tgt Ion:202 Resp: 67039
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.4
203 17.1 0.0 37.9



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion:240 Resp: 219051
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.8 20.9 31.3





#78

Pyrene

Concen: 3.50 ng

RT: 12.675 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF122129.D

Acq: 26 Oct 2020 22:15

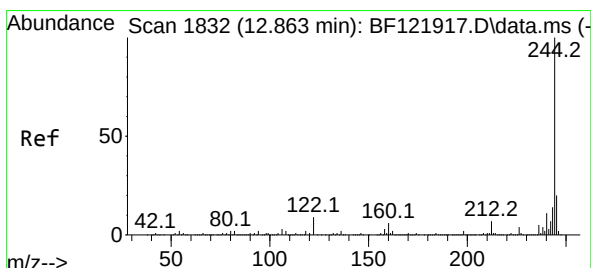
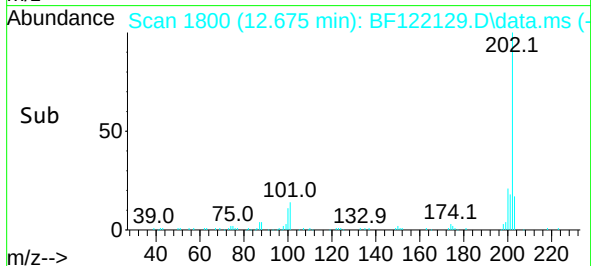
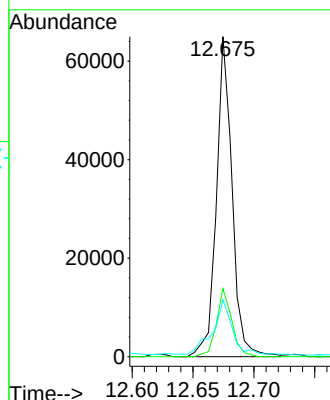
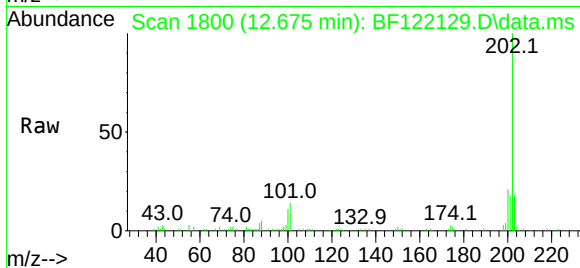
Instrument :

BNA_F

ClientSampleId :

COMP-3

Tgt Ion:	202	Resp:	58453
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.8	14.6	21.8



#79

Terphenyl-d14

Concen: 53.60 ng

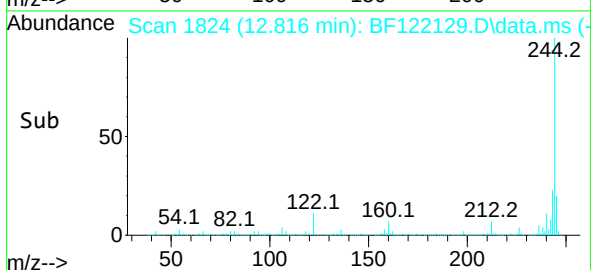
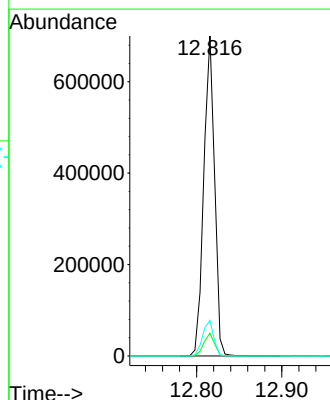
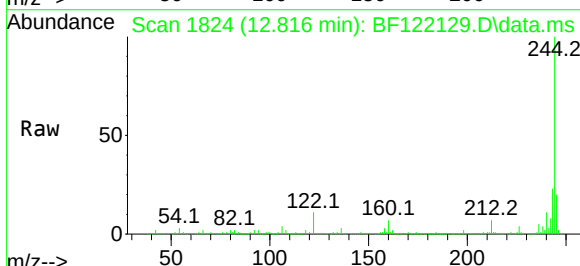
RT: 12.816 min Scan# 1824

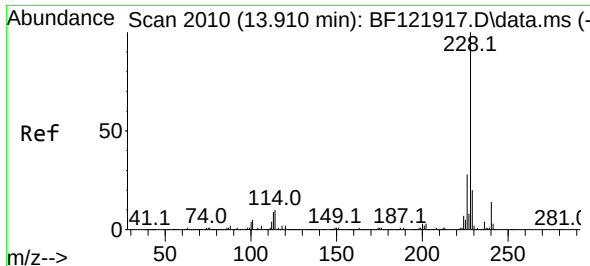
Delta R.T. 0.000 min

Lab File: BF122129.D

Acq: 26 Oct 2020 22:15

Tgt Ion:	244	Resp:	616082
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.2
122	11.1	8.1	12.1

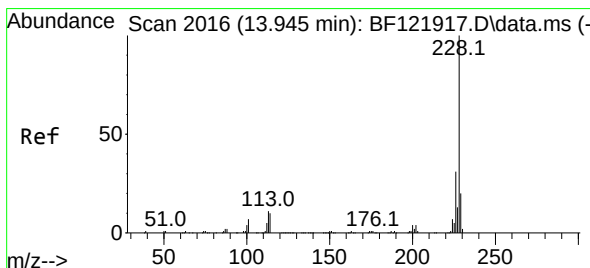
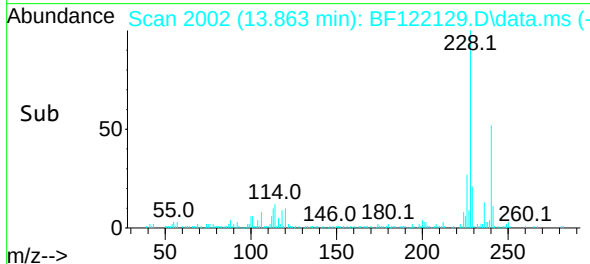
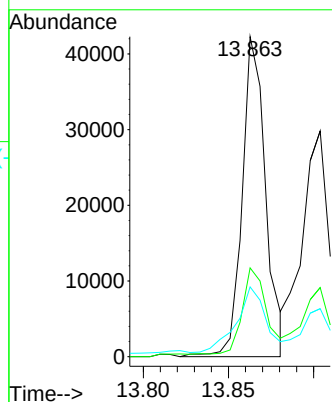
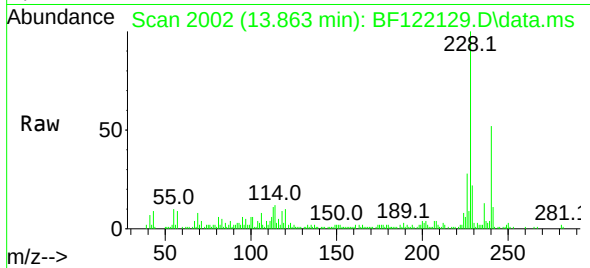




#81
Benzo(a)anthracene
Concen: 2.82 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

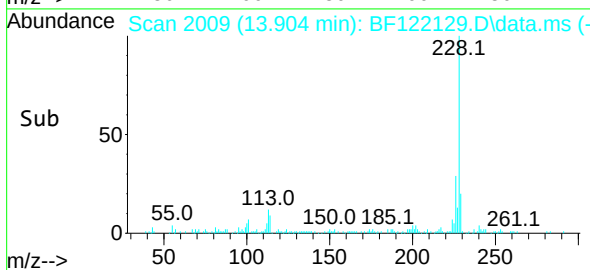
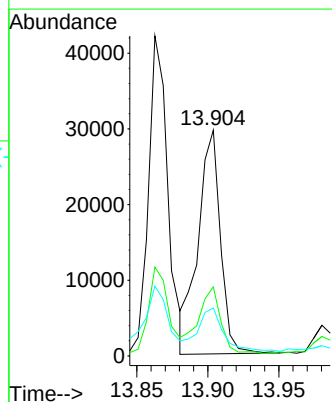
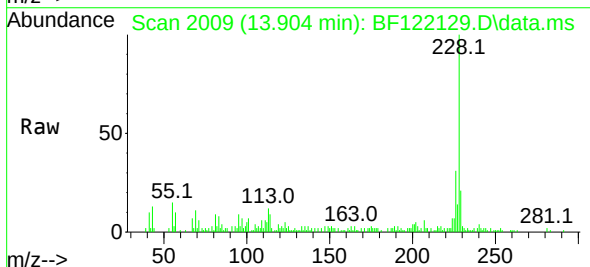
Instrument :
BNA_F
ClientSampleId :
COMP-3

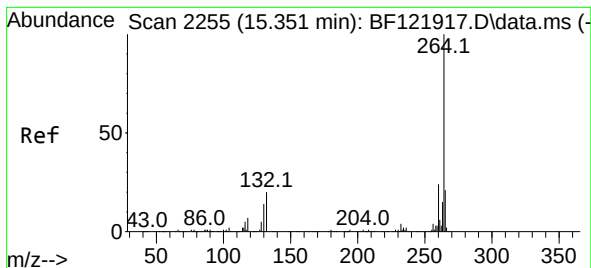
Tgt Ion:228 Resp: 40472
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 21.8 16.2 24.4



#83
Chrysene
Concen: 2.31 ng
RT: 13.904 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion:228 Resp: 32569
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.2 15.9 23.9

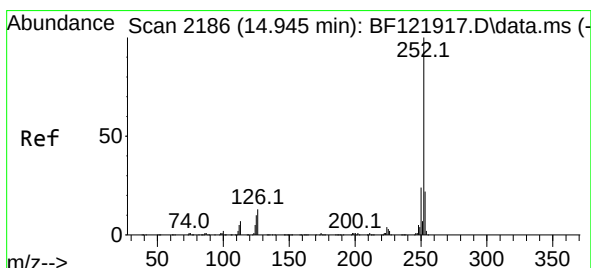
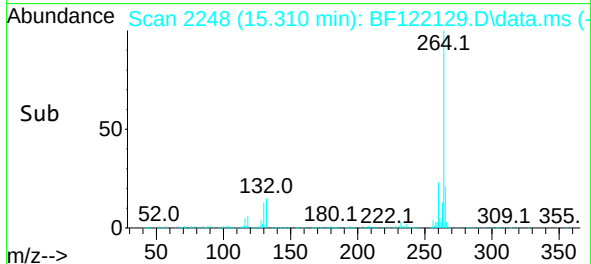
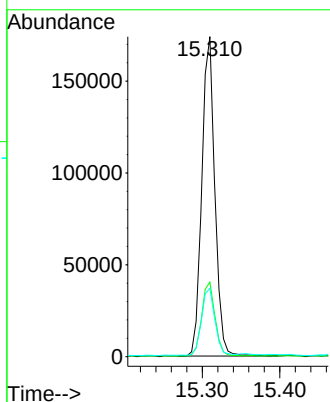
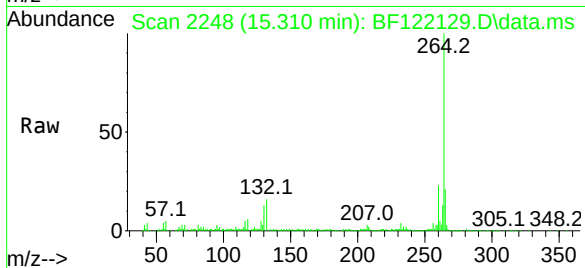




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.310 min Scan# 2248
Delta R.T. 0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

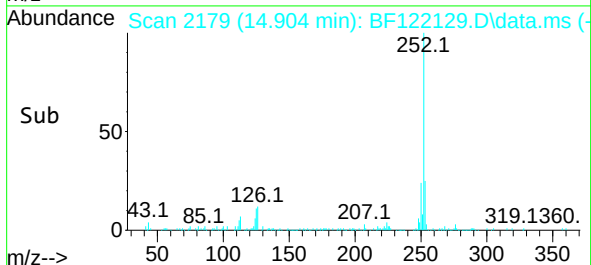
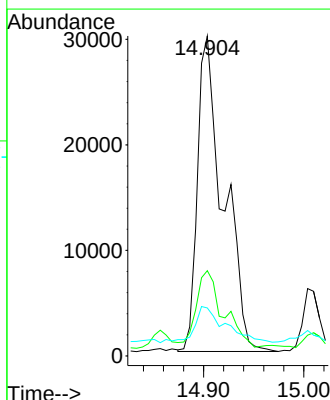
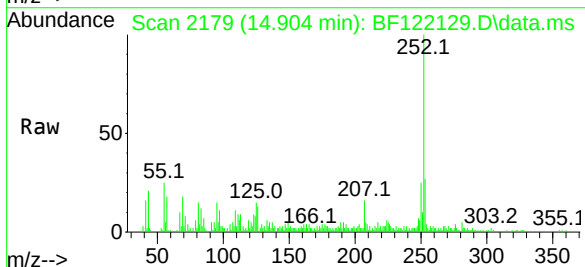
Instrument :
BNA_F
ClientSampleId :
COMP-3

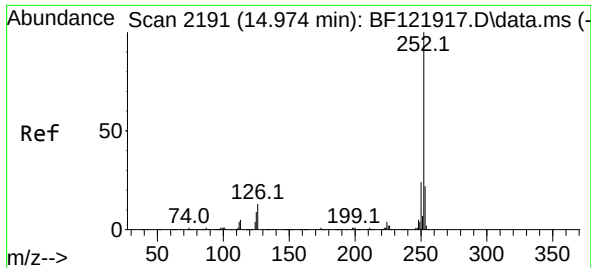
Tgt Ion:264 Resp: 203134
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.4 17.3 25.9



#88
Benzo(b)fluoranthene
Concen: 3.91 ng
RT: 14.904 min Scan# 2179
Delta R.T. 0.006 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion:252 Resp: 53620
Ion Ratio Lower Upper
252 100
253 26.7 18.2 27.2
125 15.0 8.0 12.0#

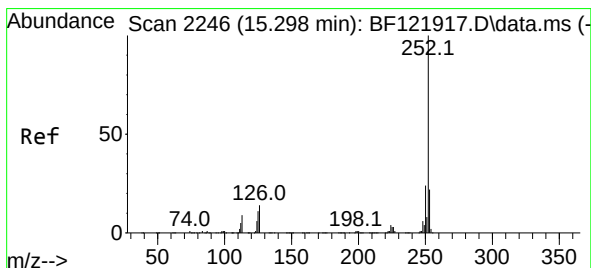
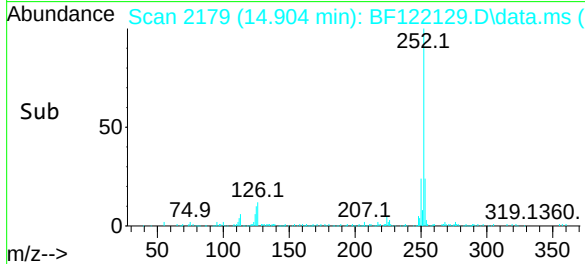
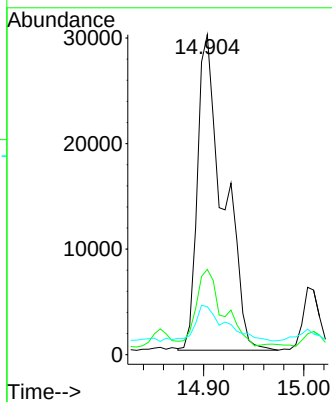
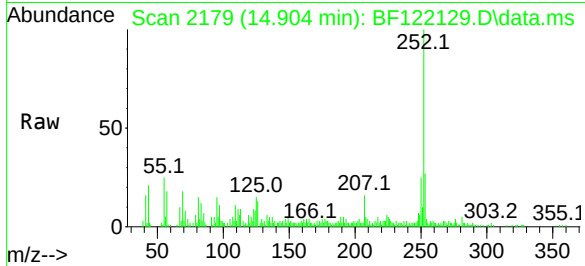




#89
Benzo(k)fluoranthene
Concen: 4.11 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.024 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Instrument :
BNA_F
ClientSampleId :
COMP-3

Tgt Ion:252 Resp: 53620
Ion Ratio Lower Upper
252 100
253 26.7 17.8 26.6#
125 15.0 7.7 11.5#



#90
Benzo(a)pyrene
Concen: 2.30 ng
RT: 15.251 min Scan# 2238
Delta R.T. 0.000 min
Lab File: BF122129.D
Acq: 26 Oct 2020 22:15

Tgt Ion:252 Resp: 27252
Ion Ratio Lower Upper
252 100
253 24.8 17.3 25.9
125 18.4 8.6 13.0#

