

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104120.D
 Acq On : 31 Mar 2018 4:32
 Operator : JU/SJ
 Sample : J2122-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-14-COMP

Manual Integrations
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 4/2/2018 5:06:16 PM

Quant Time: Mar 31 05:16:08 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	114318	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	475161	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	200080	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	310637	20.00	ng	0.00
75) Chrysene-d12	14.14	240	241512	20.00	ng	0.00
86) Perylene-d12	15.69	264	195928	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	735493	102.60	ng	0.00
7) Phenol-d6	6.59	99	988888	112.13	ng	0.00
23) Nitrobenzene-d5	7.52	82	570886	73.48	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	206909	92.87	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	951529	74.99	ng	0.00
78) Terphenyl-d14	13.07	244	704626	67.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	83978	5.316	ng	99
70) Phenanthrene	11.52	178	92860	5.521	ng	98
71) Anthracene	11.57	178	38223	2.176	ng	98
74) Fluoranthene	12.71	202	163542	9.148	ng	97
77) Pyrene	12.94	202	148090	8.530	ng	98
80) Benzo(a)anthracene	14.14	228	77279	5.114	ng	97
82) Chrysene	14.17	228	70394	4.756	ng	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	33313	3.152	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	32057	2.090	ng	# 89
87) Benzo(b)fluoranthene	15.23	252	81608m	6.844	ng	
88) Benzo(k)fluoranthene	15.26	252	25971m	2.312	ng	
89) Benzo(a)pyrene	15.63	252	58310	5.277	ng	# 89
91) Benzo(a,h,i)perylene	17.76	276	29901	2.922	ng	# 91

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

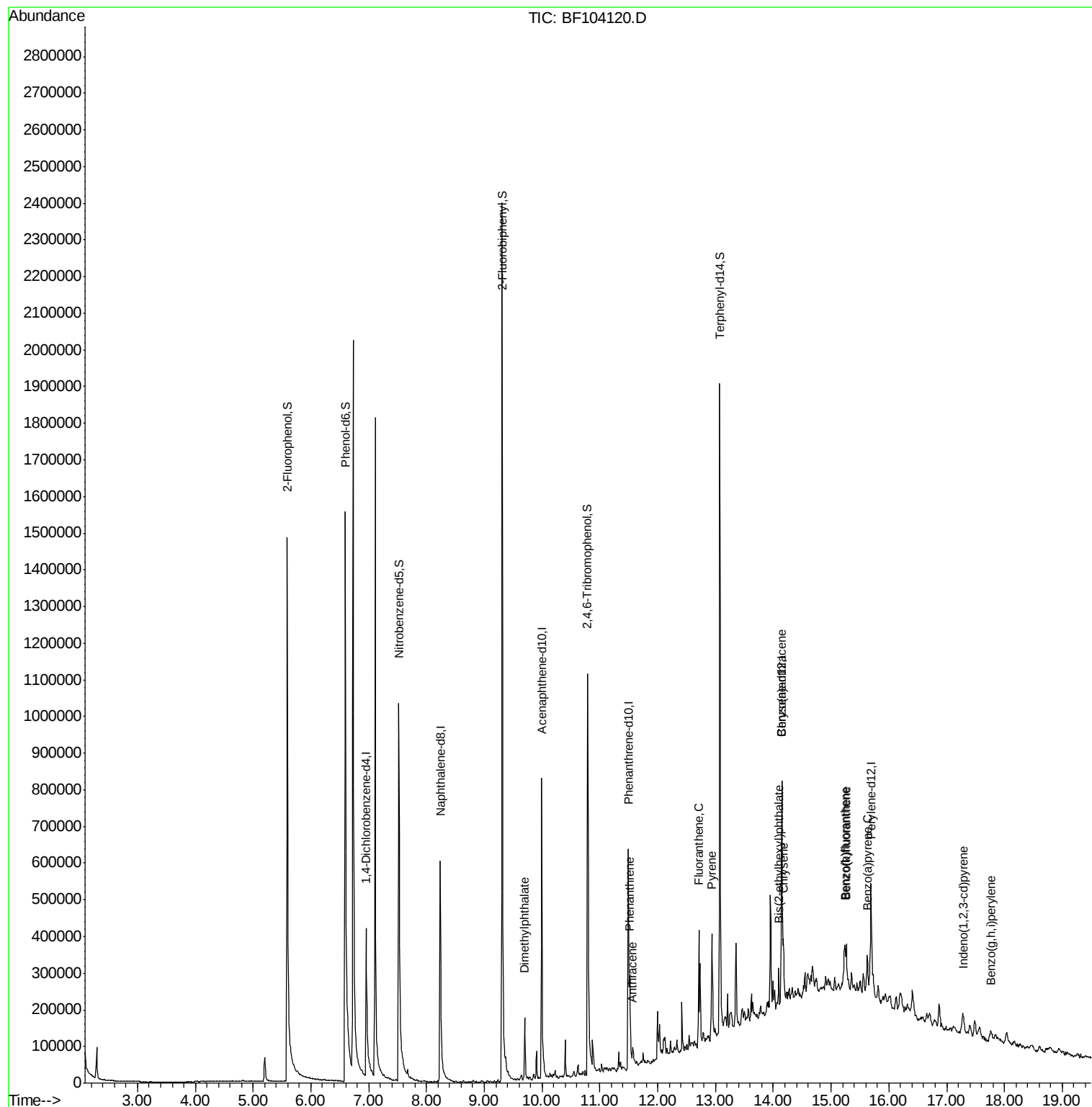
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104120.D
Acq On : 31 Mar 2018 4:32
Operator : JU/SJ
Sample : J2122-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

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Quant Time: Mar 31 05:16:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 30 17:20:53 2018
Response via : Initial Calibration





#1

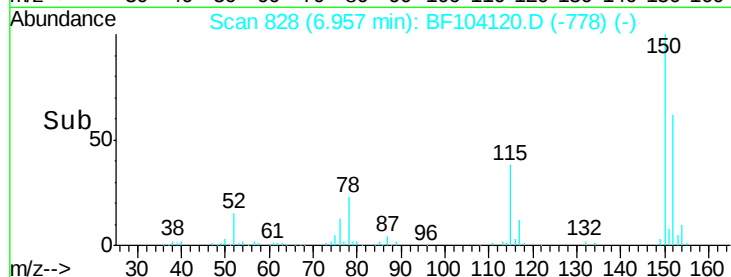
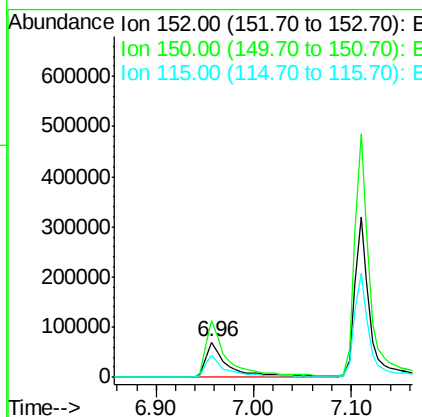
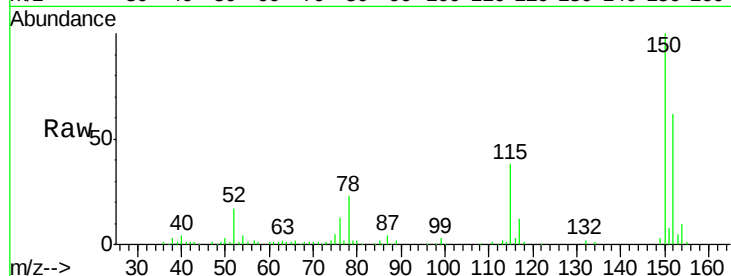
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.6	186.8
115	61.1	50.1	75.1

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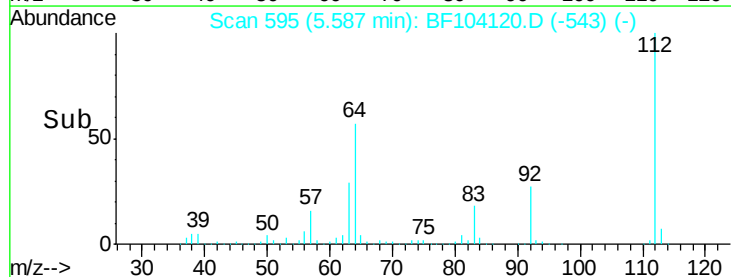
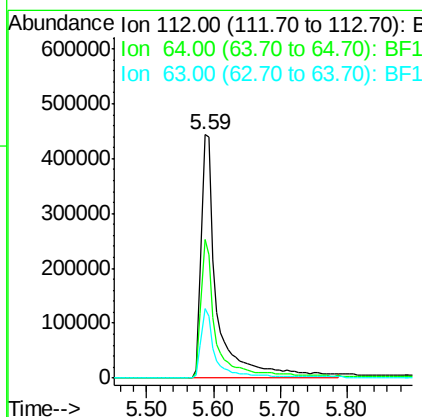
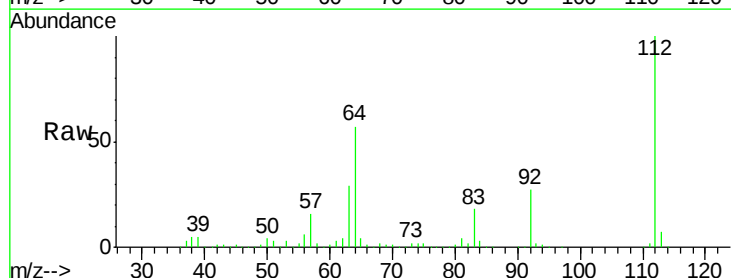
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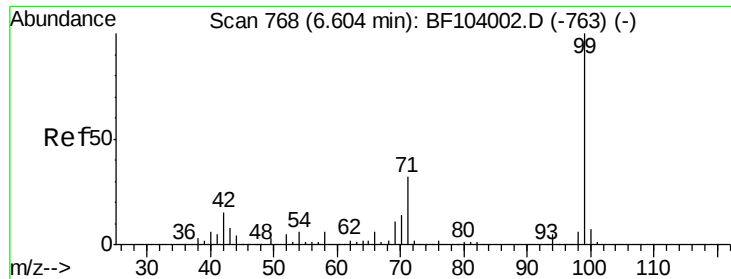


#5

2-Fluorophenol
Concen: 102.602 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 112.128 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104120.D

Acq: 31 Mar 2018 4:32

Instrument :

BNA_F

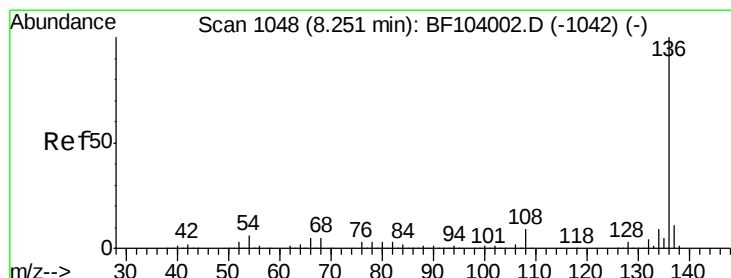
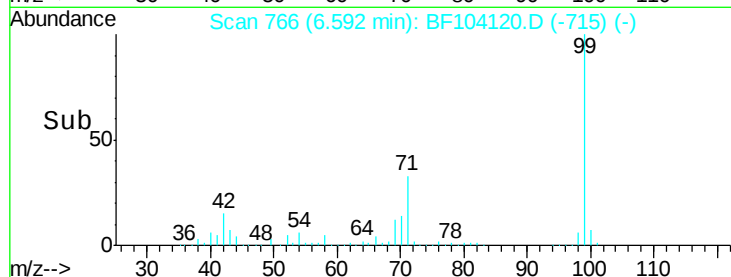
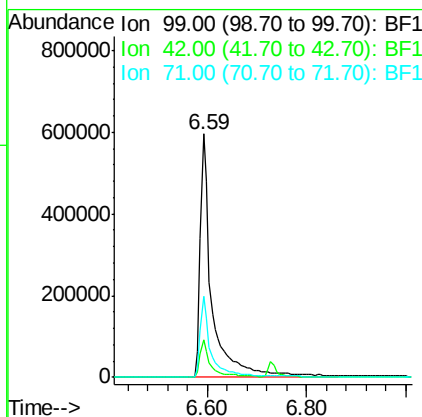
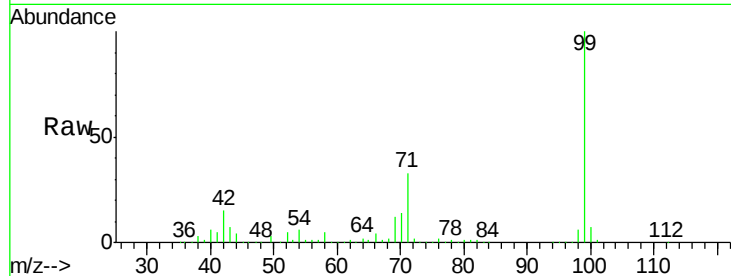
ClientSampleId :

PB-14-COMP

Tot Ion:	99	Resp:	988888
Ion Ratio	Lower	Upper	
99	100		
42	15.4	14.5	21.7
71	33.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

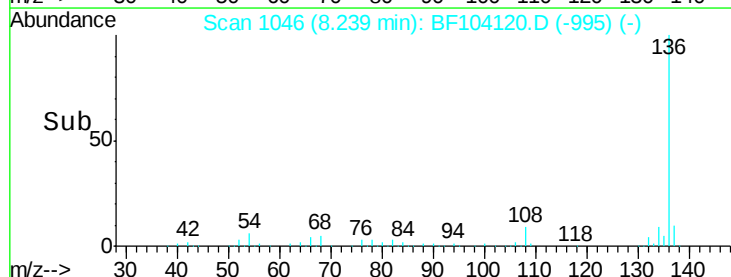
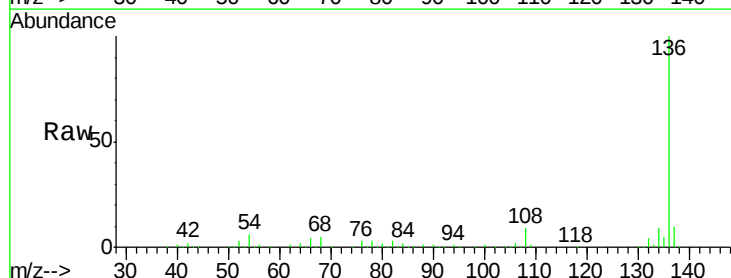
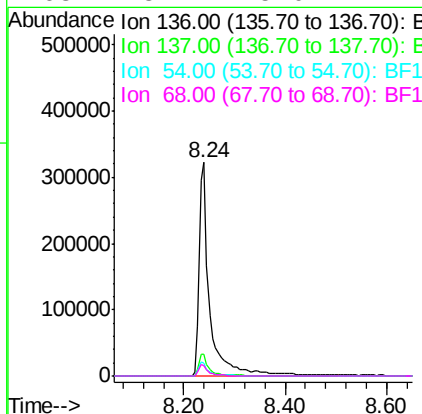
RT: 8.24 min Scan# 1046

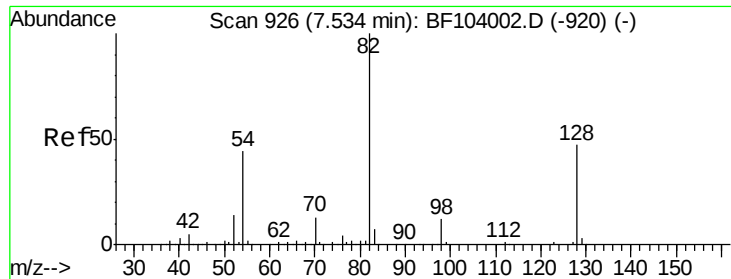
Delta R.T. 0.00 min

Lab File: BF104120.D

Acq: 31 Mar 2018 4:32

Tgt Ion:	136	Resp:	475161
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.9	13.3
54	6.0	6.6	9.8
68	5.1	5.0	7.4





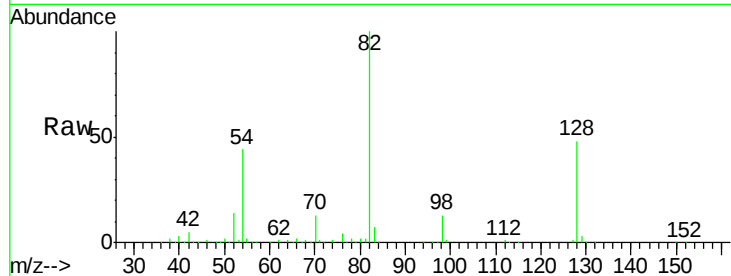
#23
Nitrobenzene-d5
Concen: 73.476 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

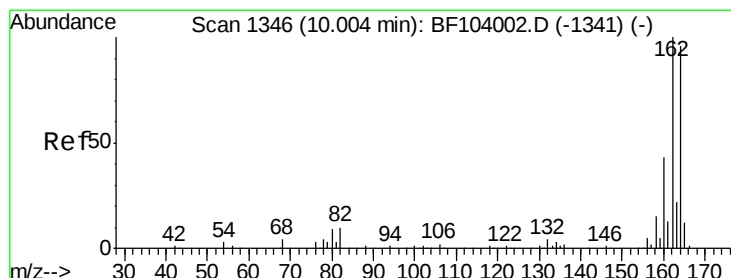
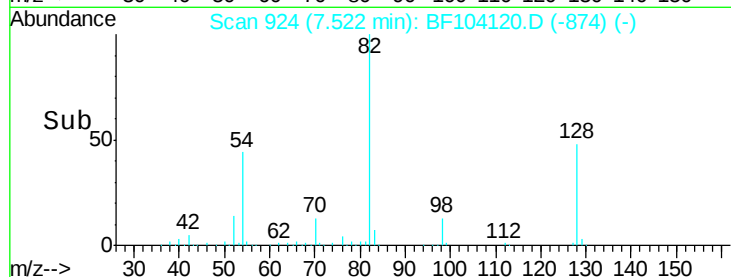
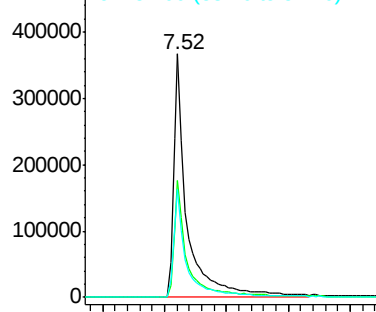
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.1	54.1
54	44.3	41.4	62.2

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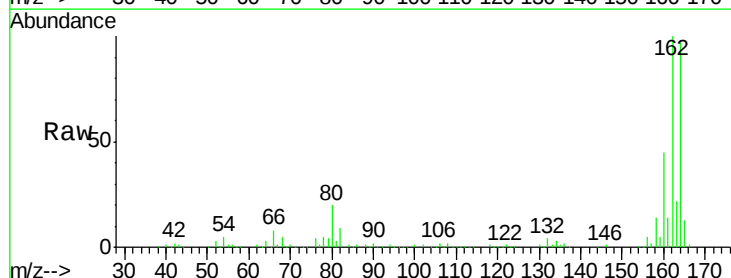


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

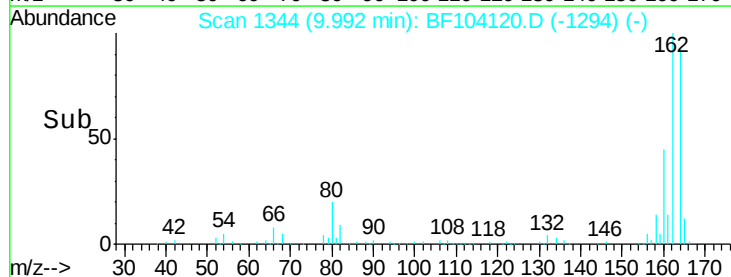
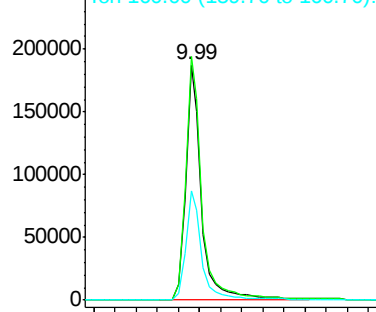


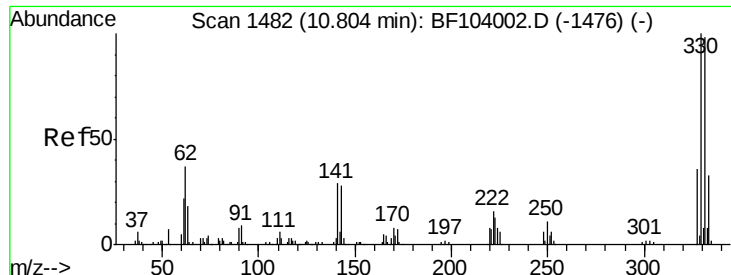
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	46.4	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





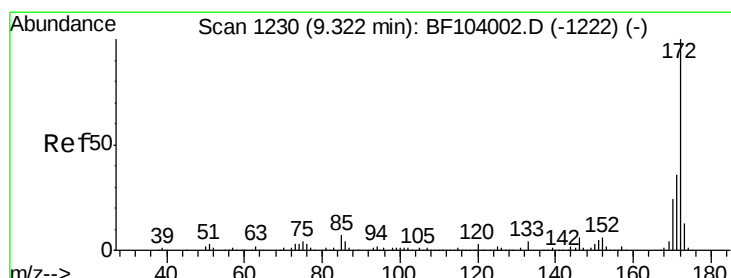
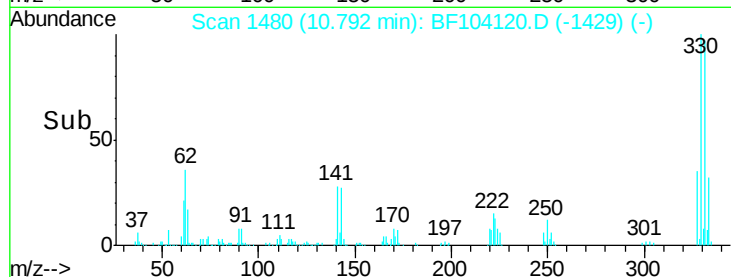
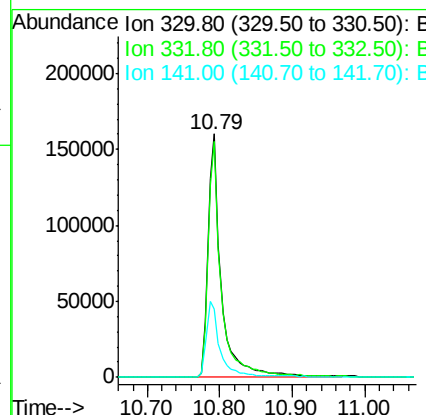
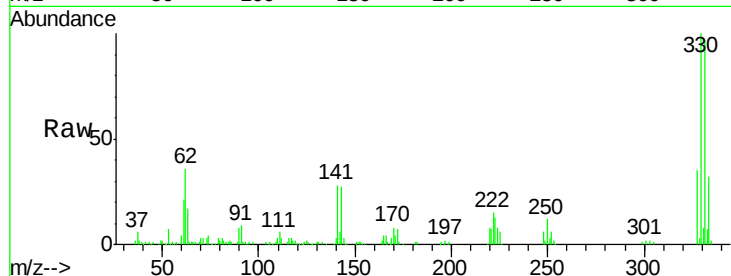
#41
 2,4,6-Tribromophenol
 Concen: 92.872 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF104120.D
 Acq: 31 Mar 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB-14-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	206909		
332	96.4		77.0	115.6
141	33.5		29.9	44.9

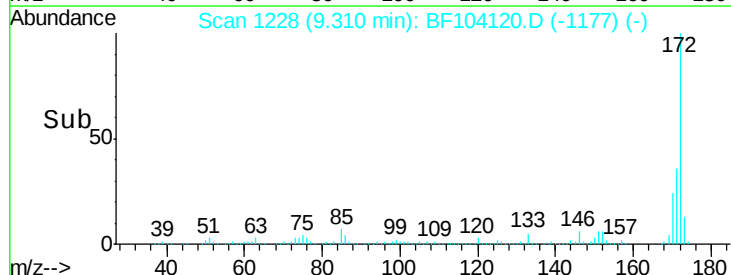
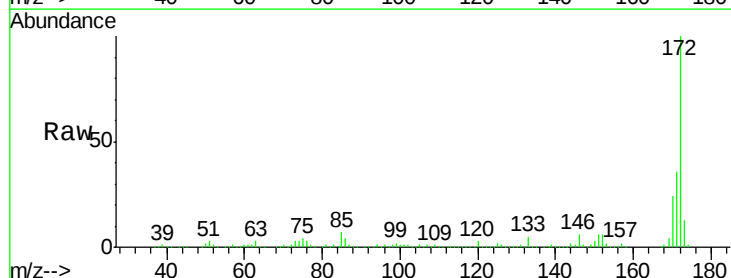
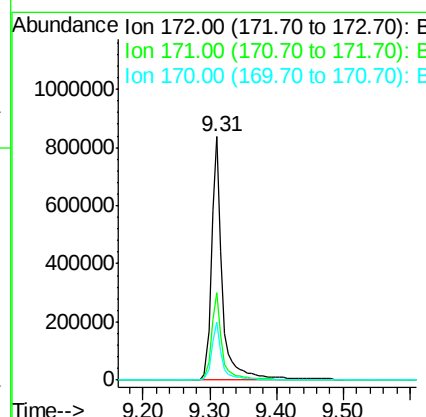
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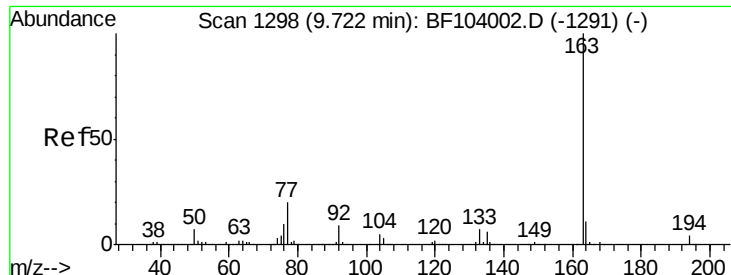
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#44
 2-Fluorobiphenyl
 Concen: 74.994 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104120.D
 Acq: 31 Mar 2018 4:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	951529		
171	35.8		29.7	44.5
170	23.8		19.6	29.4





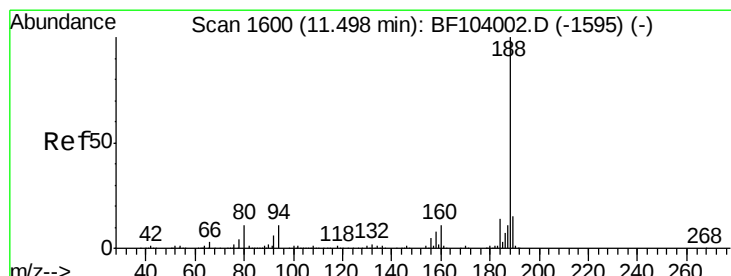
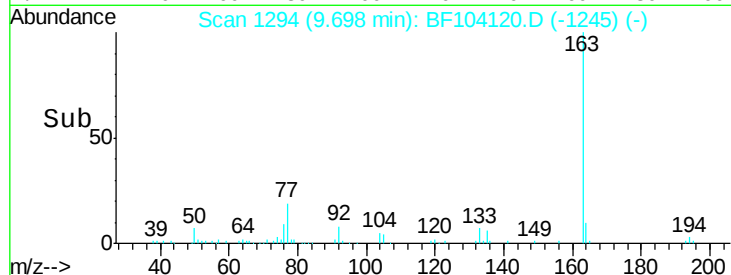
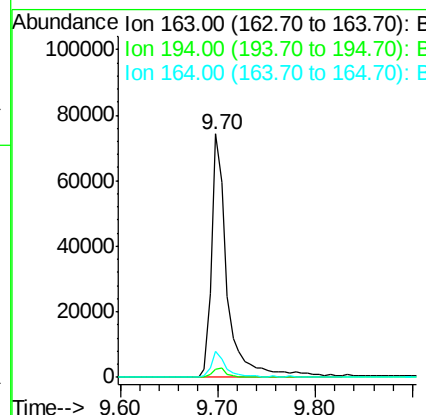
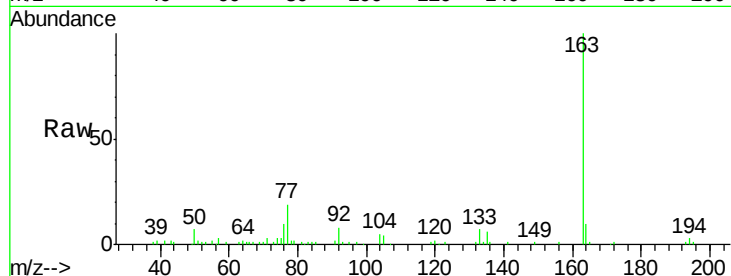
#49
Dimethylphthalate
Concen: 5.316 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2

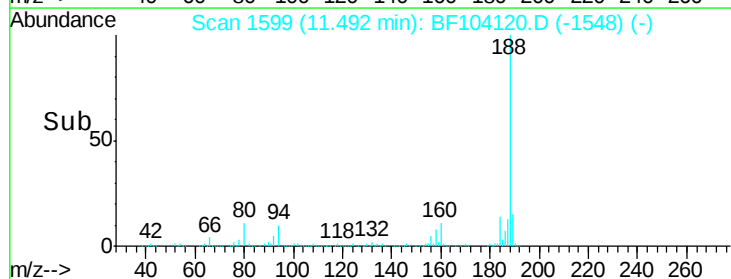
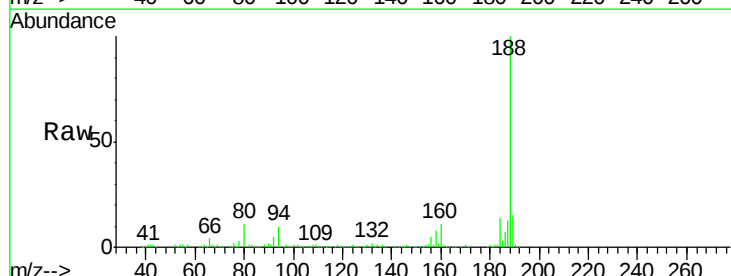
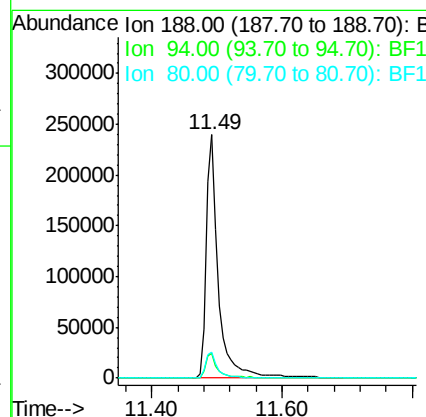
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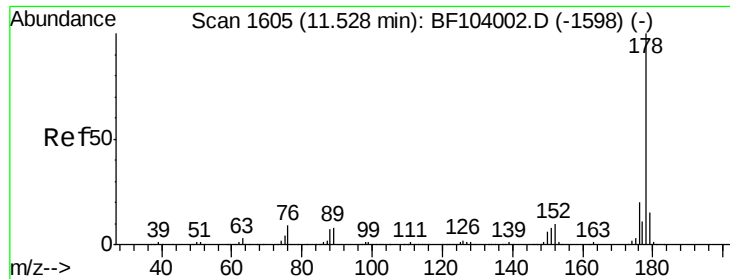
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.6	9.2	13.8





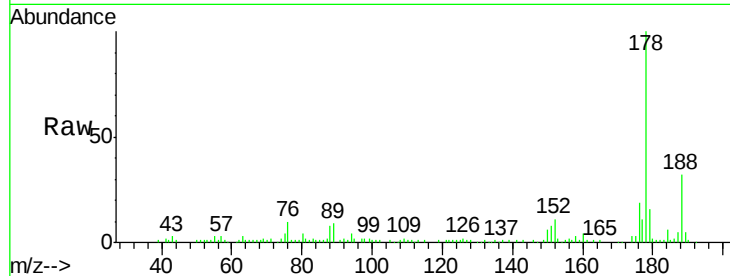
#70
Phenanthrene
Concen: 5.521 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.6	13.0	19.6

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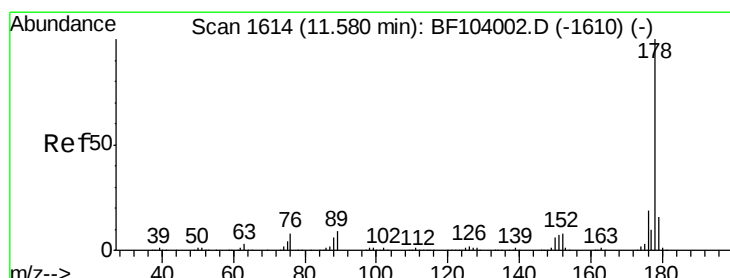
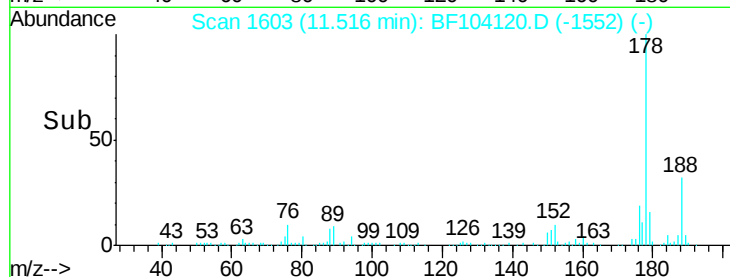
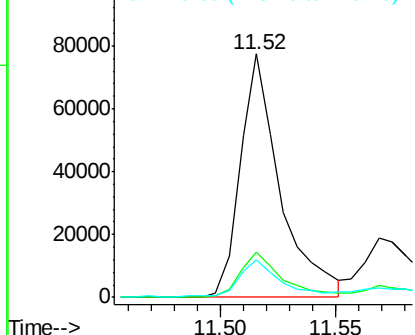


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71
Anthracene
Concen: 2.176 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

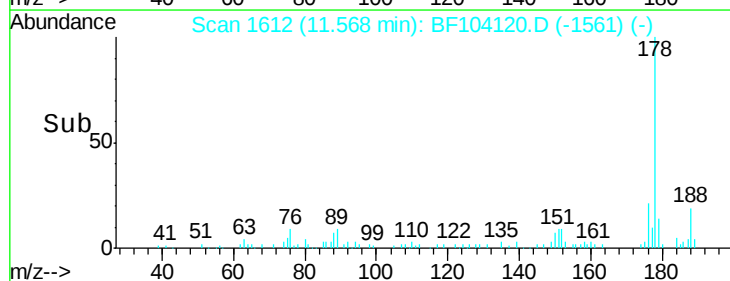
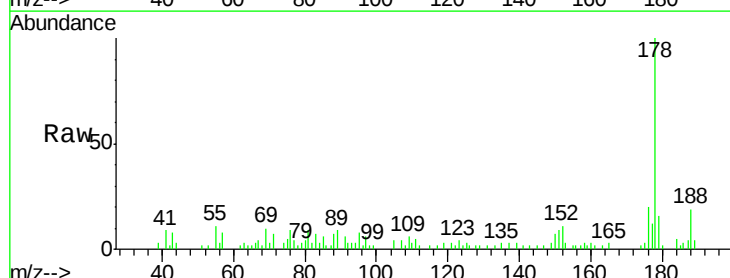
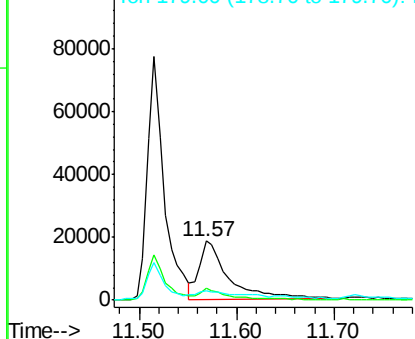
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	15.7	12.6	19.0

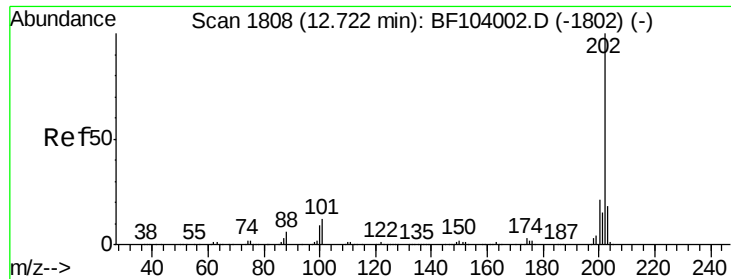
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 9.148 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF104120.D

Acq: 31 Mar 2018 4:32

Instrument :

BNA_F

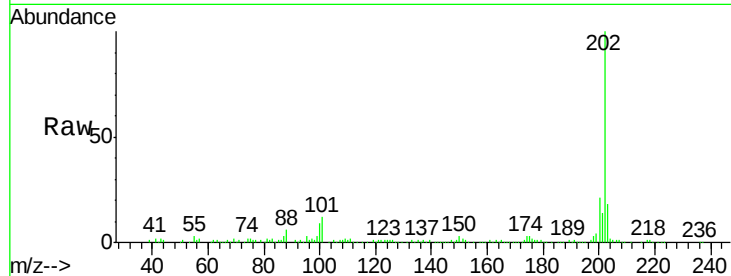
ClientSampleId :

PB-14-COMP

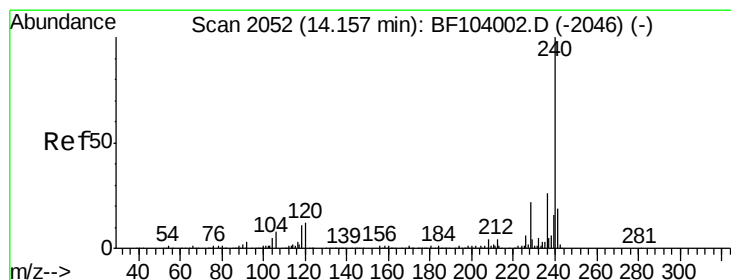
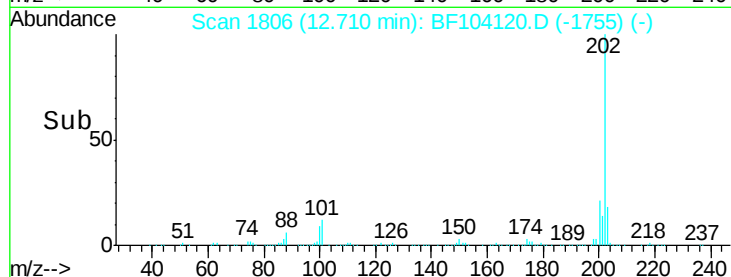
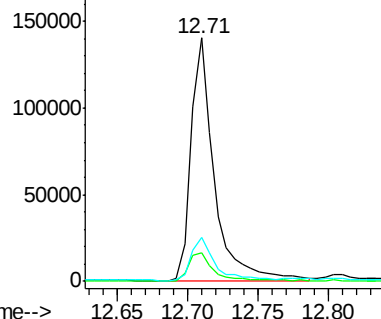
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	11.9	0.0	34.1		
203	17.9	0.0	38.1		

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

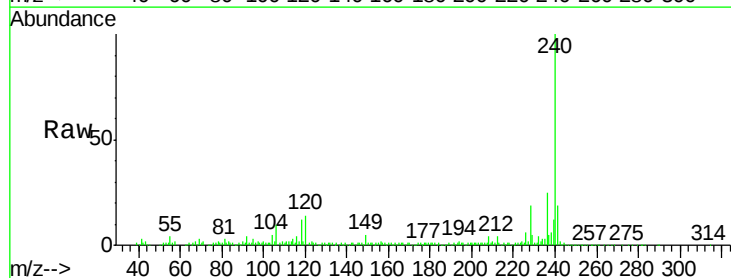
RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

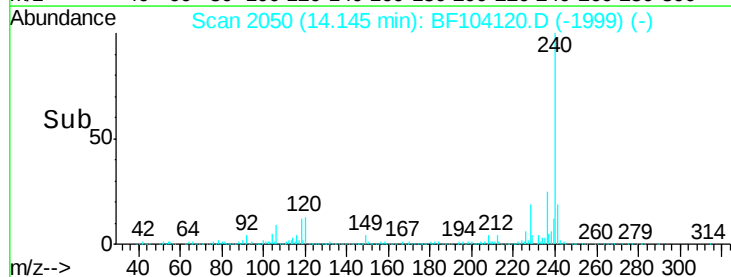
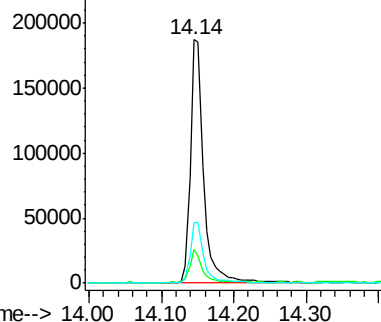
Lab File: BF104120.D

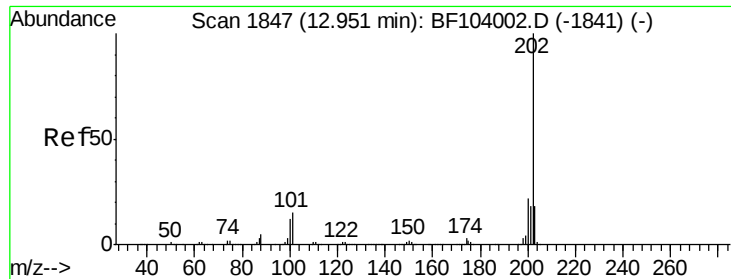
Acq: 31 Mar 2018 4:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	13.6	9.5	14.3		
236	24.9	20.7	31.1		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





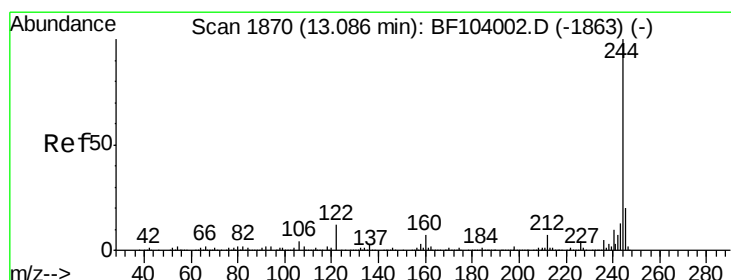
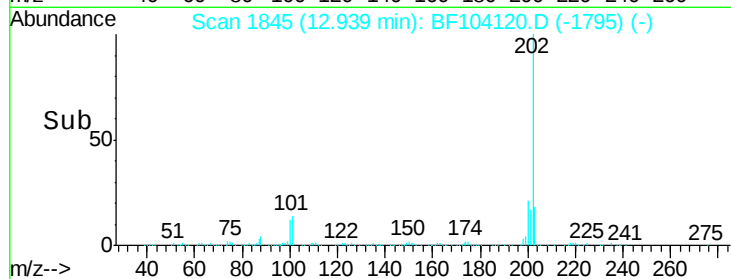
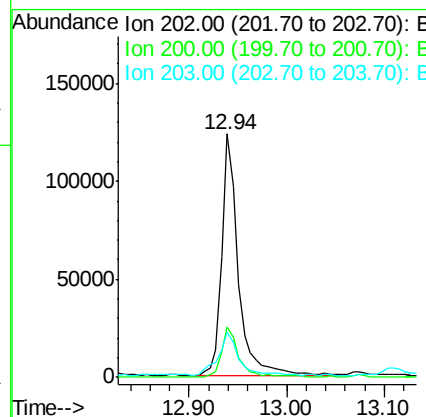
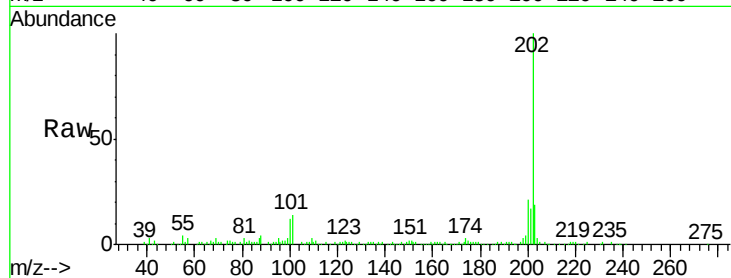
#77
Pvrene
Concen: 8.530 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	18.5	14.3	21.5

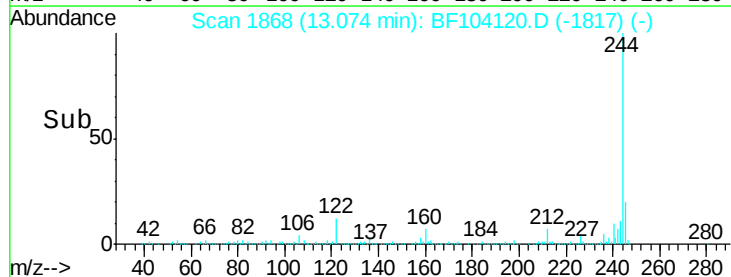
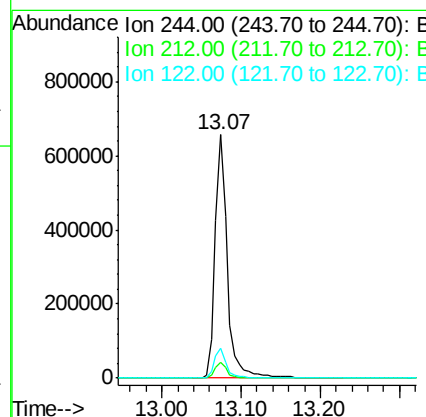
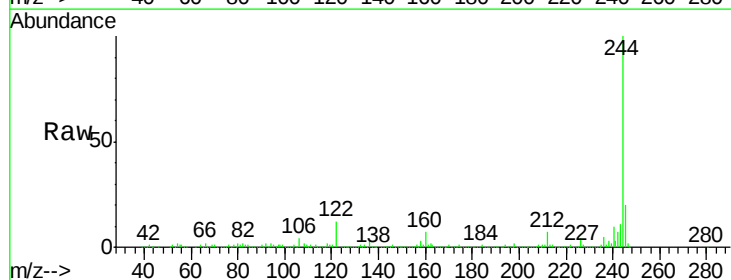
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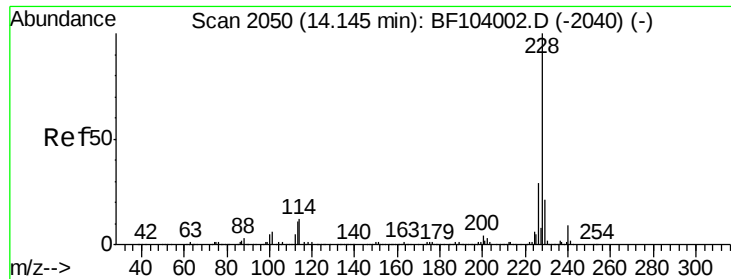
Sohil
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#78
Terphenyl-d14
Concen: 67.365 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.3	11.0	16.4





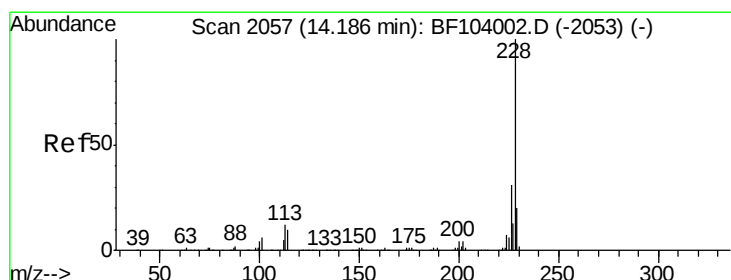
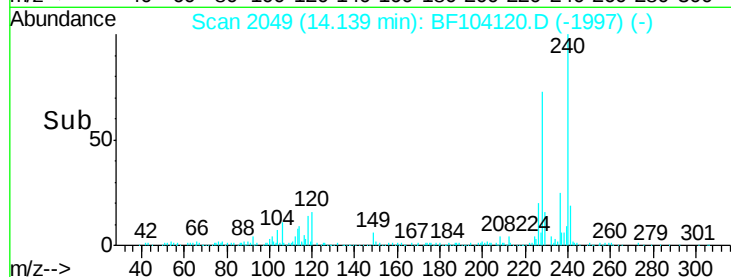
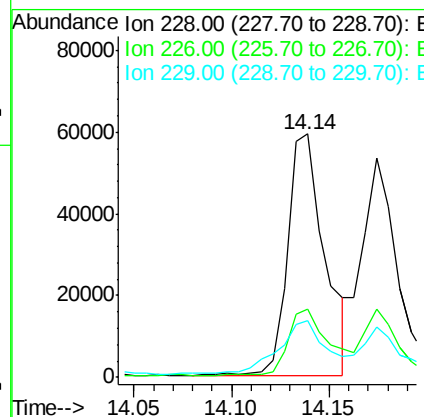
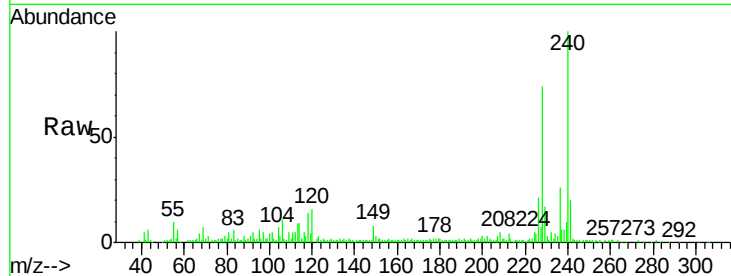
#80
Benzo(a)anthracene
Concen: 5.114 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	23.1	15.8	23.6

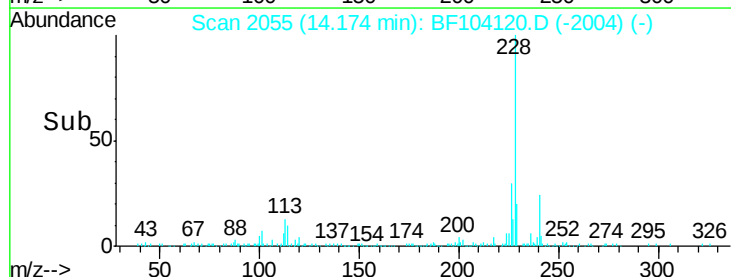
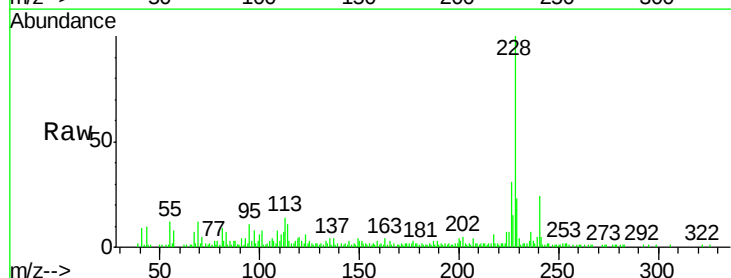
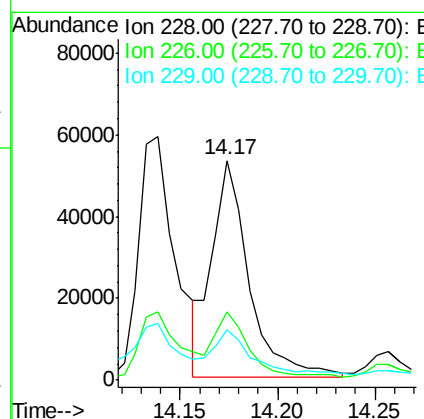
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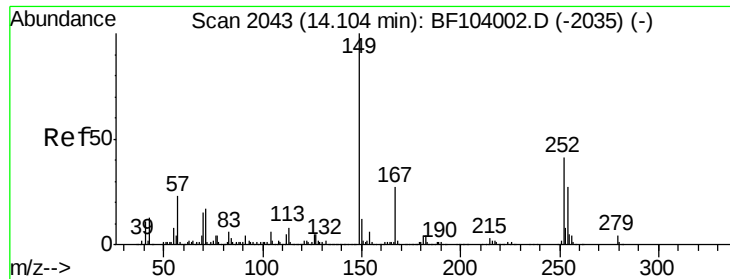
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4/2/2018 5:06:16 PM



#82
Chrysene
Concen: 4.756 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.7	16.2	24.4





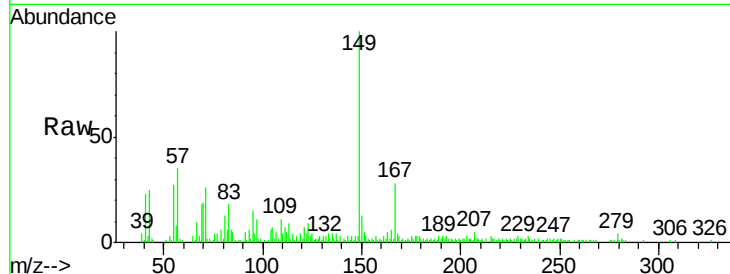
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.152 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF104120.D
 Acq: 31 Mar 2018 4:32

Instrument :
 BNA_F
 ClientSampleId :
 PB-14-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.3	31.9
279	3.6	3.0	4.4

Manual Integrations
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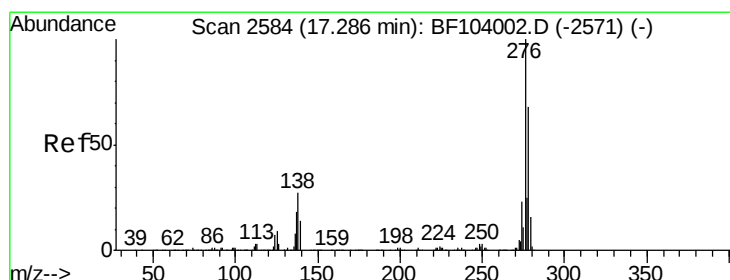
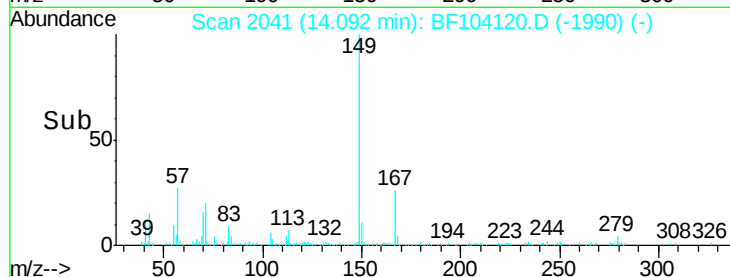
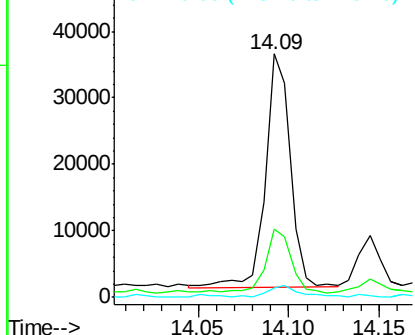


Abundance

Ion 149.00 (148.70 to 149.70): E

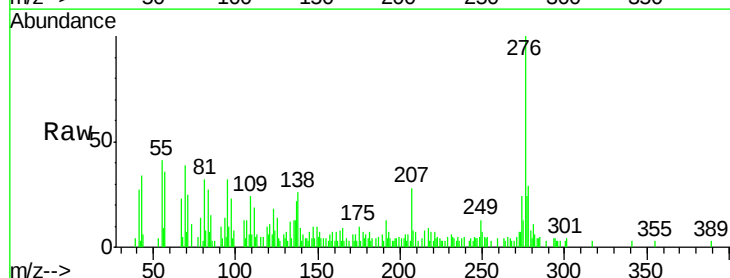
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.090 ng
 RT: 17.27 min Scan# 2582
 Delta R.T. 0.01 min
 Lab File: BF104120.D
 Acq: 31 Mar 2018 4:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	25.0	37.6#
277	23.1	20.1	30.1

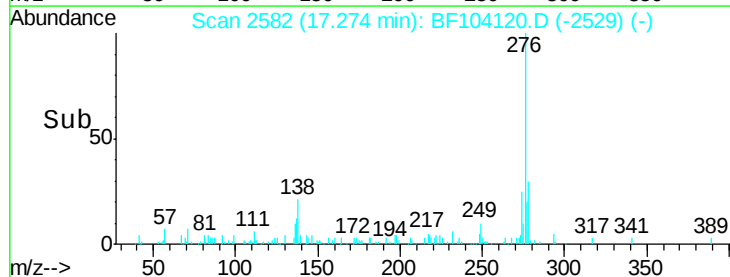
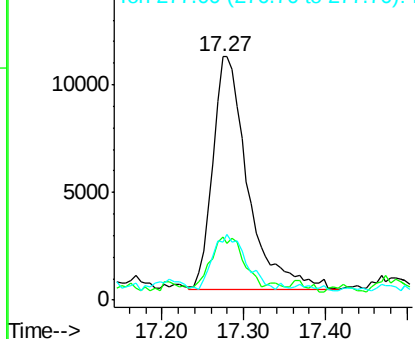


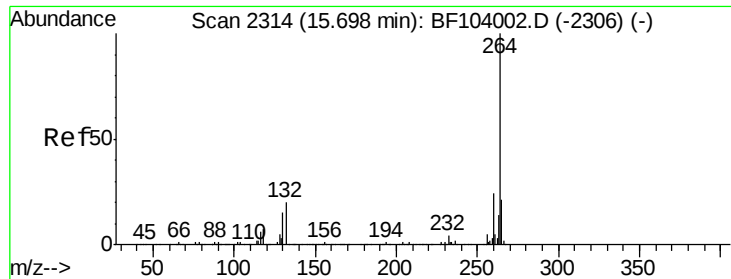
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





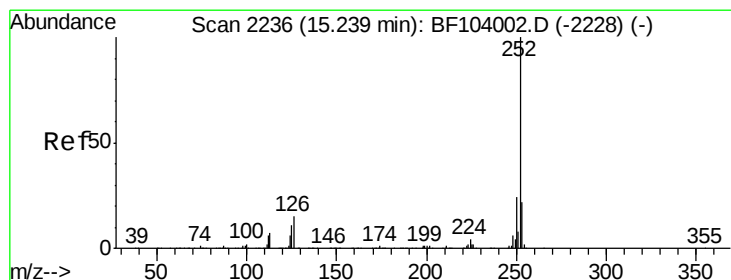
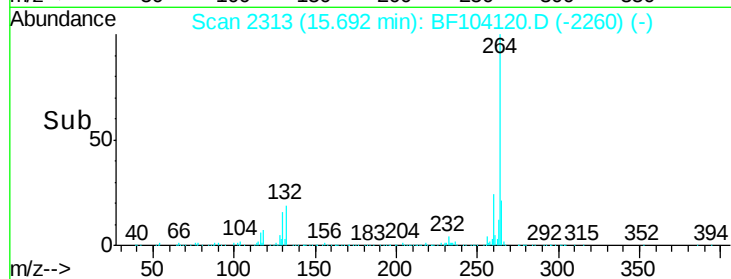
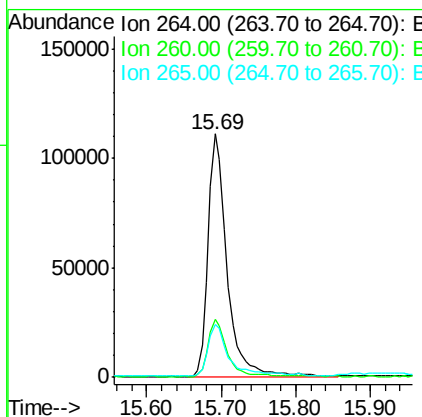
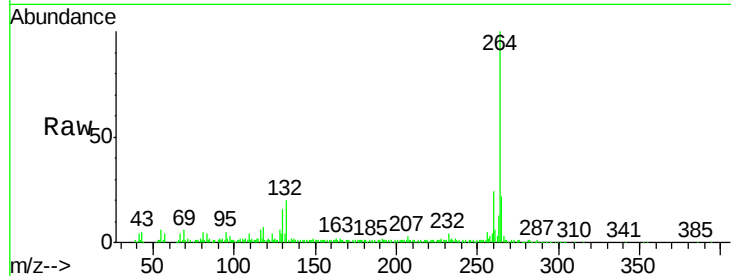
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.8	17.5	26.3

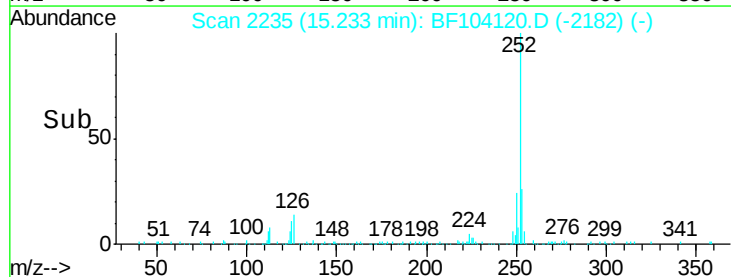
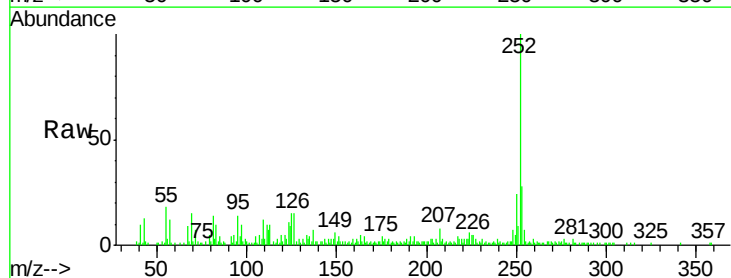
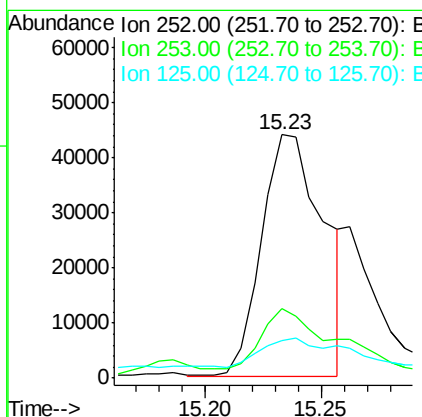
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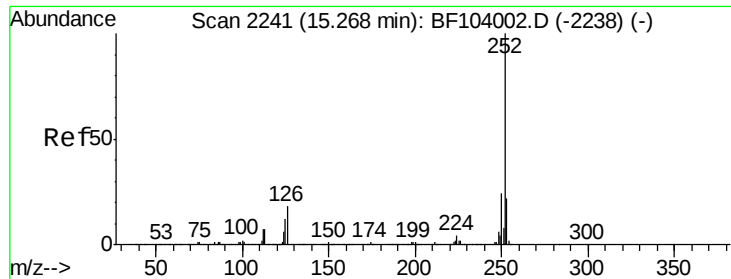
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4/2/2018 5:06:16 PM



#87
Benzo(b)fluoranthene
Concen: 6.844 ng m
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.0	25.6#
125	15.3	9.0	13.6#





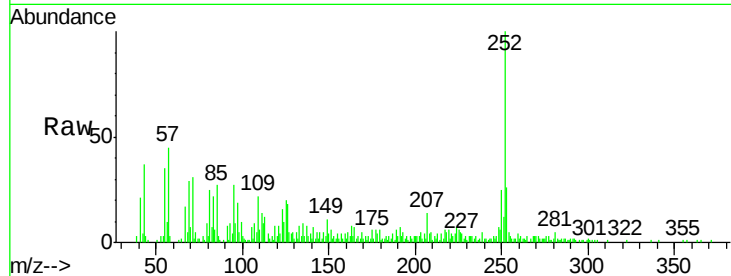
#88
Benzo(k)fluoranthene
Concen: 2.312 ng/mL
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

Instrument :
BNA_F
ClientSampleId :
PB-14-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	19.6	10.2	15.2

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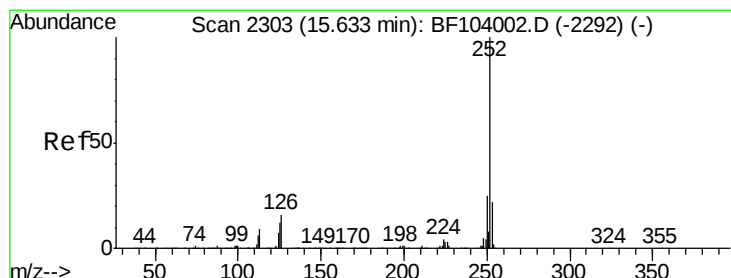
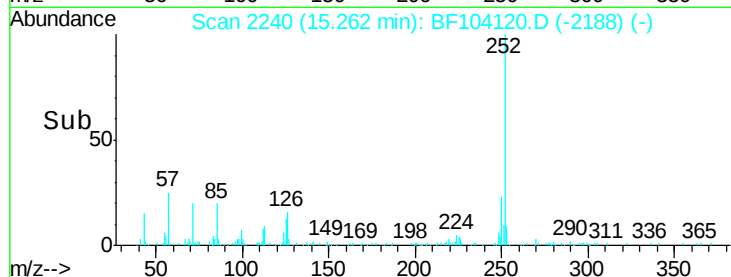
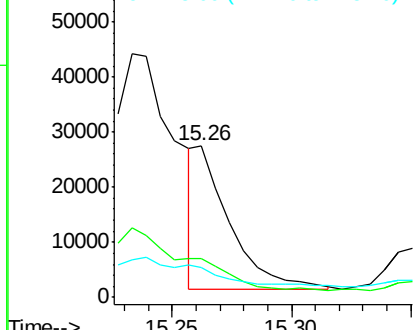


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 5.277 ng/mL
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF104120.D
Acq: 31 Mar 2018 4:32

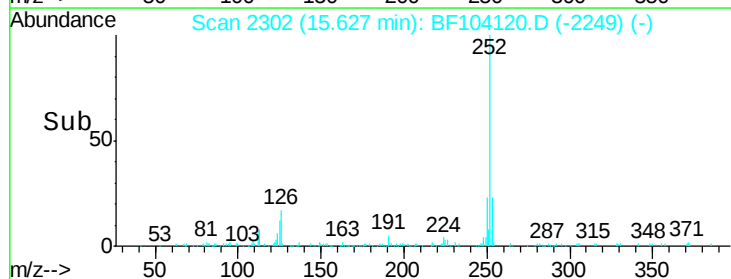
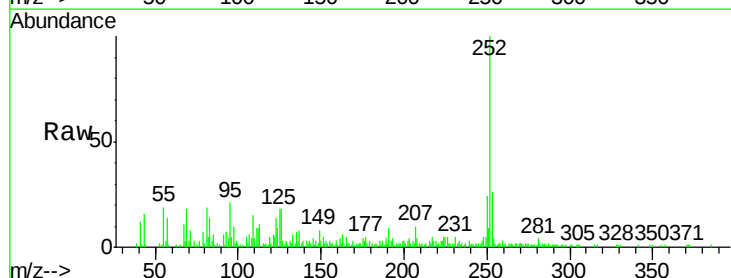
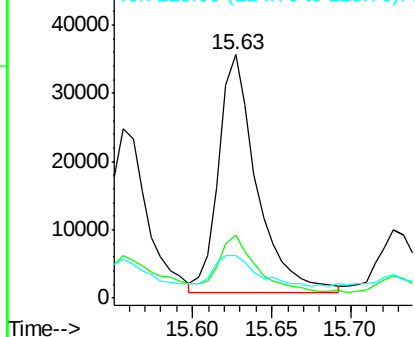
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.1	25.7
125	17.7	9.8	14.6

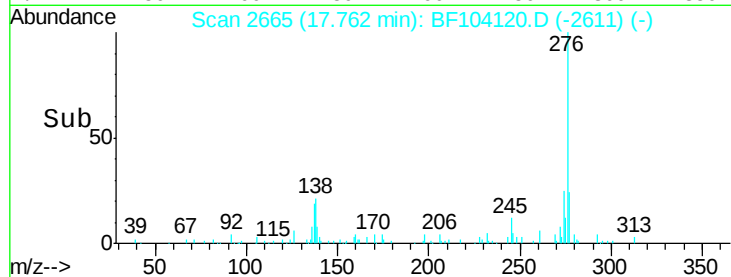
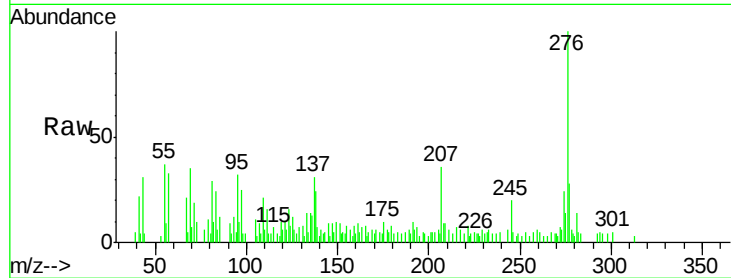
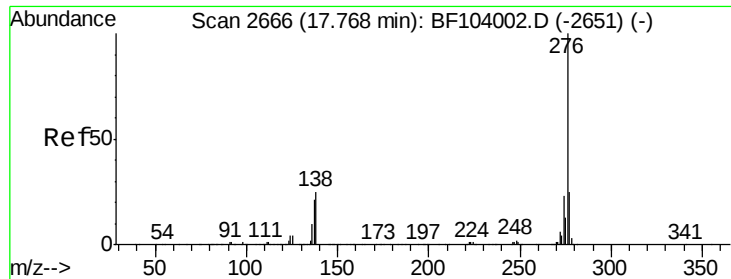
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.922 ng

RT: 17.76 min Scan# 2665

Delta R.T. 0.02 min

Lab File: BF104120.D

Acq: 31 Mar 2018 4:32

Tot Ion:	276	Resp:	29901
Ion Ratio	Lower	Upper	
276	100		
277	28.4	17.9	26.9#
138	24.2	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB-14-COMP

Manual Integrations
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