

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104121.D
 Acq On : 31 Mar 2018 4:58
 Operator : JU/SJ
 Sample : J2122-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-13-COMP

Manual Integrations
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 4/2/2018 5:06:19 PM

Quant Time: Mar 31 05:43:28 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	116728	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	464760	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	187530	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	288933	20.00	ng	0.00
75) Chrysene-d12	14.14	240	234125	20.00	ng	0.00
86) Perylene-d12	15.69	264	186269	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	639511	87.37	ng	0.01
7) Phenol-d6	6.59	99	795869	88.38	ng	0.00
23) Nitrobenzene-d5	7.52	82	497850	65.51	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	167340	80.14	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	906774	76.25	ng	0.00
78) Terphenyl-d14	13.07	244	674650	66.53	ng	0.00
Target Compounds						
10) Phenol	6.61	94	45218	4.532	ng	Qvalue # 66
49) Dimethylphthalate	9.70	163	70420	4.756	ng	99
70) Phenanthrene	11.52	178	78538	5.021	ng	98
74) Fluoranthene	12.71	202	113097	6.802	ng	97
77) Pyrene	12.94	202	113336	6.734	ng	96
80) Benzo(a)anthracene	14.14	228	59002	4.028	ng	# 94
82) Chrysene	14.17	228	56021m	3.904	ng	
83) Bis(2-ethylhexyl)phthalate	14.09	149	20634m	2.014	ng	
87) Benzo(b)fluoranthene	15.23	252	52388m	4.621	ng	
88) Benzo(k)fluoranthene	15.24	252	27416m	2.567	ng	
89) Benzo(a)pyrene	15.62	252	44701	4.255	ng	# 78
91) Benzo(a,h,i)perylene	17.76	276	28719	2.952	ng	# 89

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

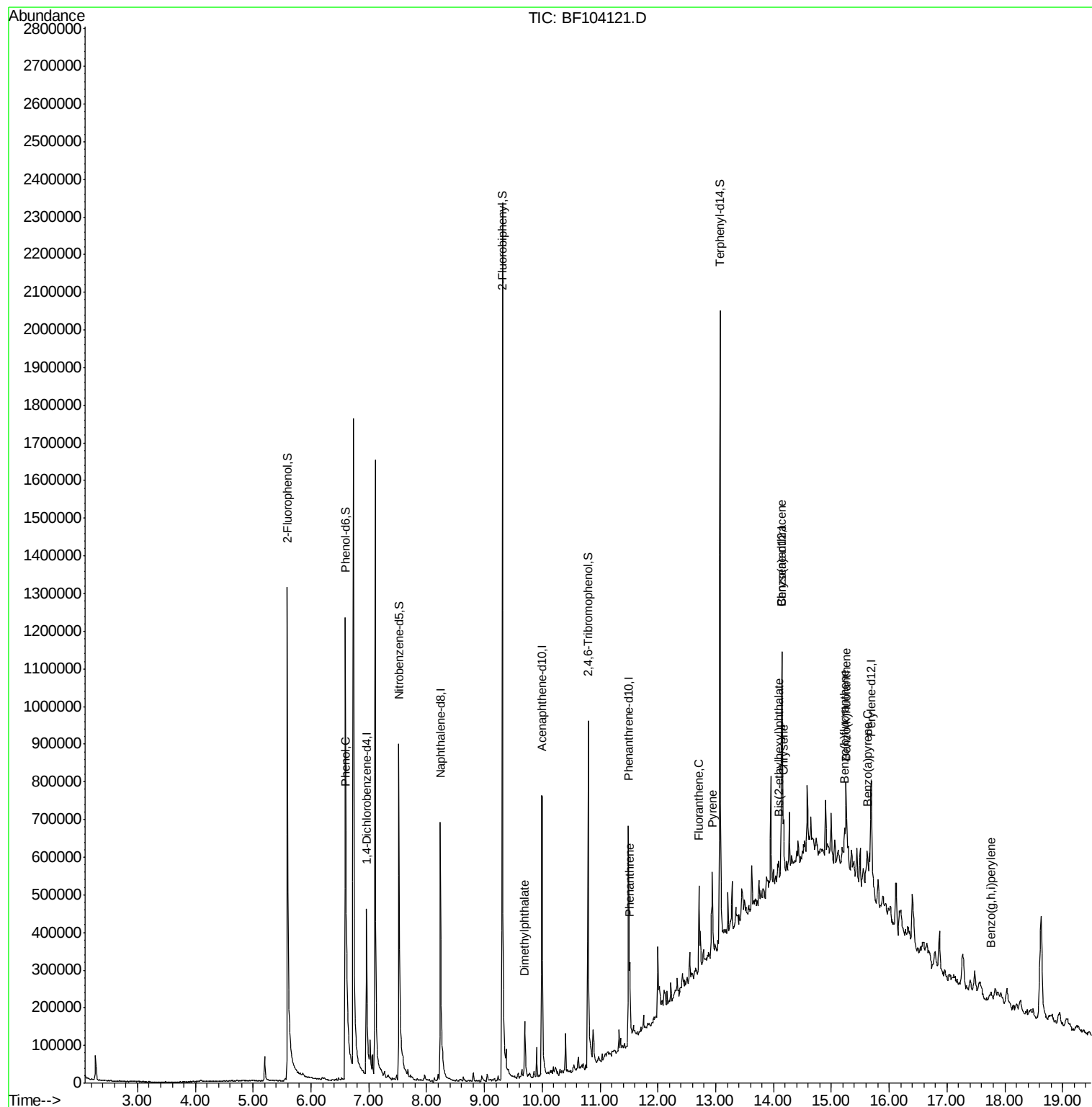
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF033018\
Data File : BF104121.D
Acq On : 31 Mar 2018 4:58
Operator : JU/SJ
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Instrument :
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Manual Integrations
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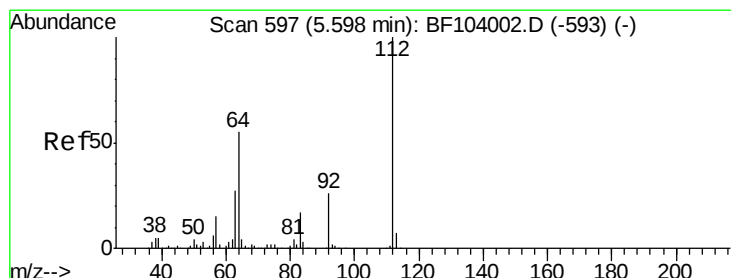
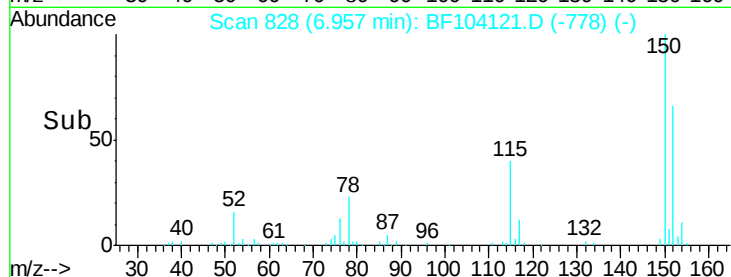
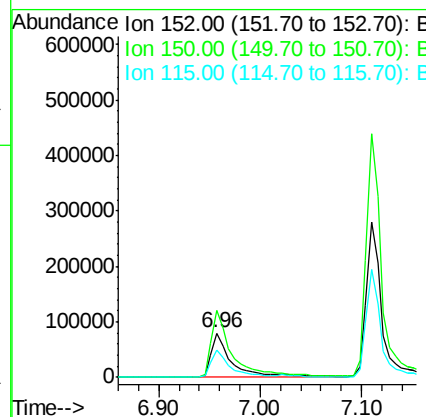
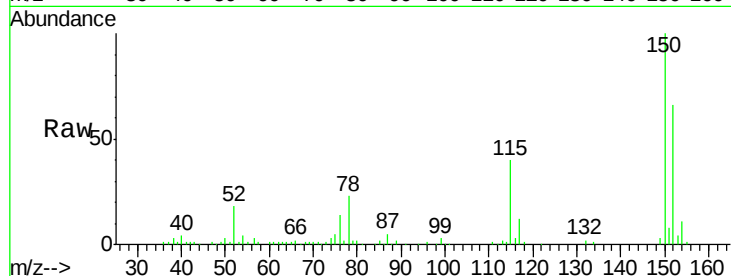
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF104121.D
 Acq: 31 Mar 2018 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB-13-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	60.7	50.1	75.1

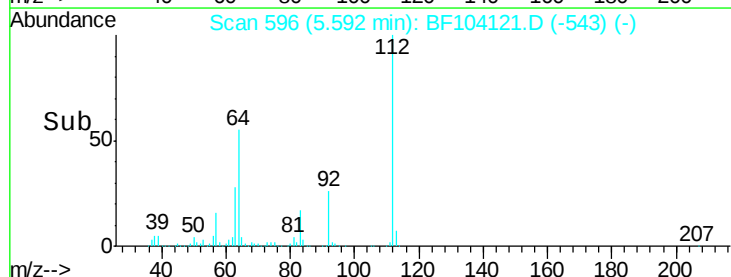
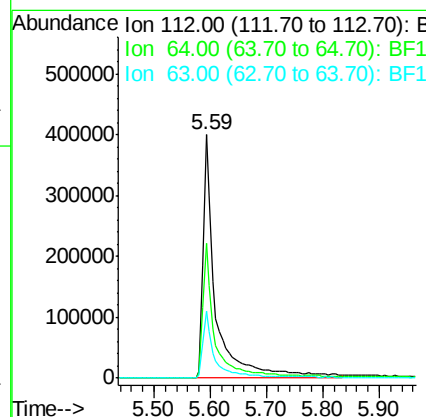
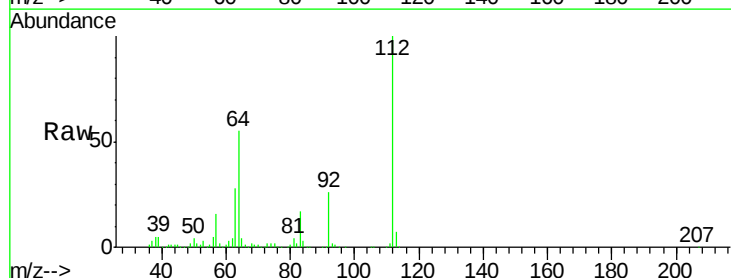
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#5
 2-Fluorophenol
 Concen: 87.371 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104121.D
 Acq: 31 Mar 2018 4:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.1	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 88.379 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF104121.D

Acq: 31 Mar 2018 4:58

Instrument :

BNA_F

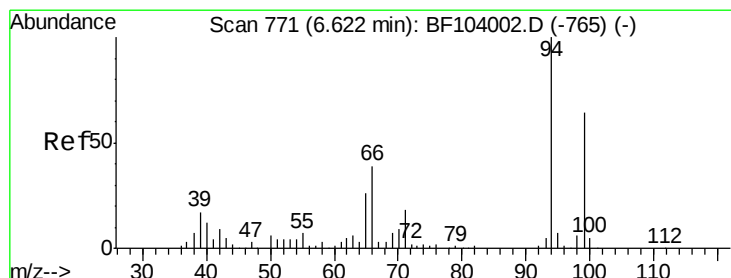
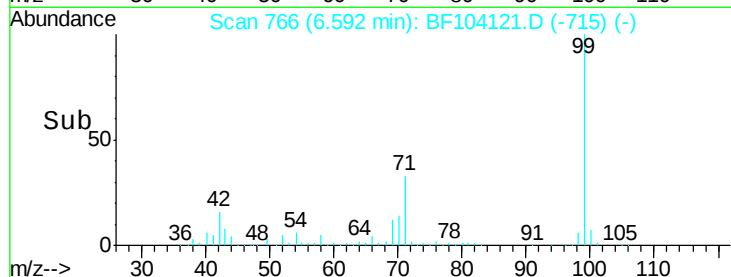
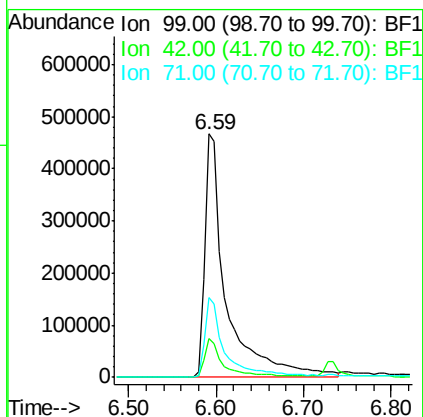
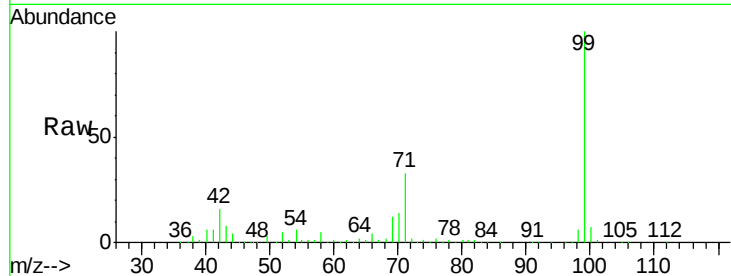
ClientSampleId :

PB-13-COMP

Tot Ion:	99	Resp:	795869
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	33.0	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 4.532 ng

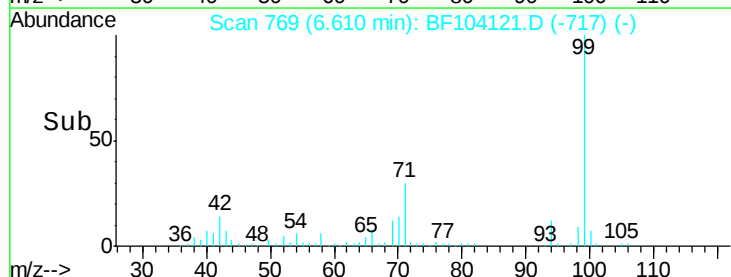
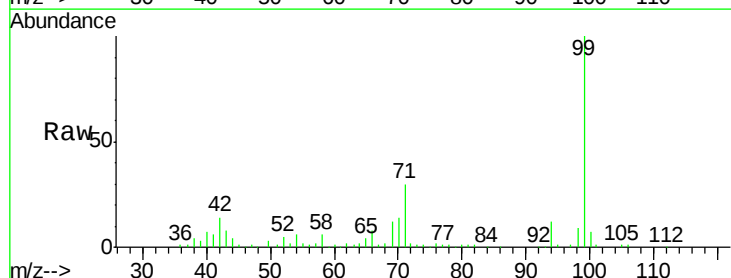
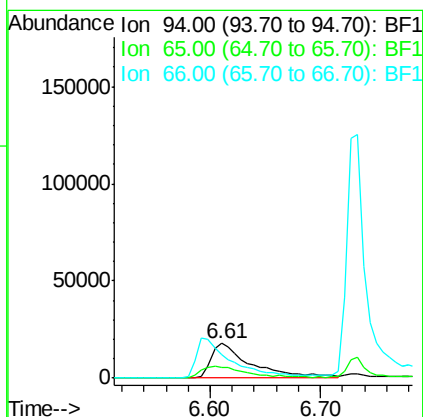
RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104121.D

Acq: 31 Mar 2018 4:58

Tgt Ion:	94	Resp:	45218
Ion Ratio	Lower	Upper	
94	100		
65	31.8	7.9	47.9
66	68.6	16.2	56.2#





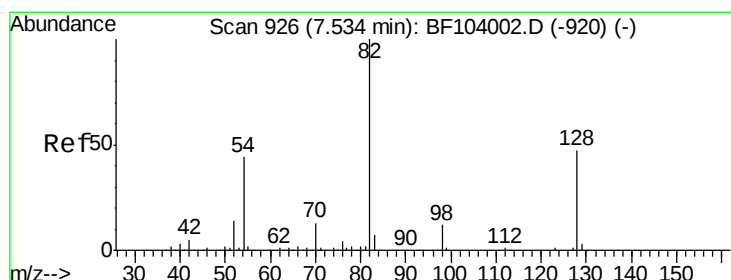
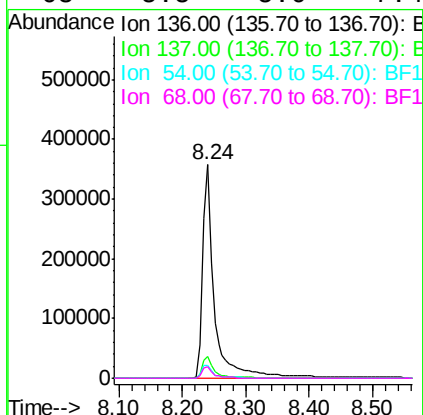
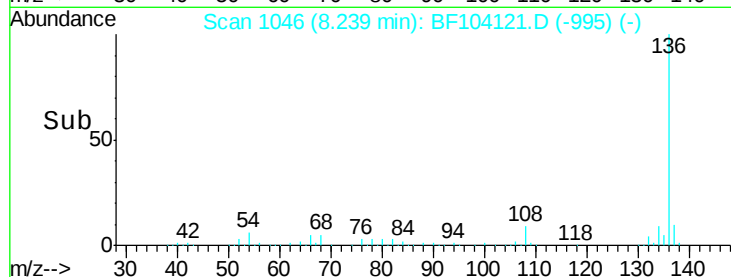
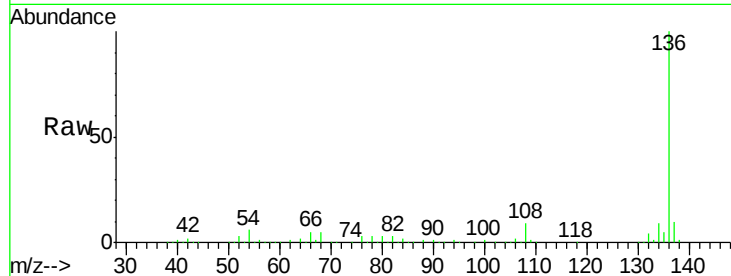
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Instrument :
BNA_F
ClientSampled :
PB-13-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100	464760		
137	10.2	8.9	13.3	
54	6.2	6.6	9.8	
68	5.5	5.0	7.4	

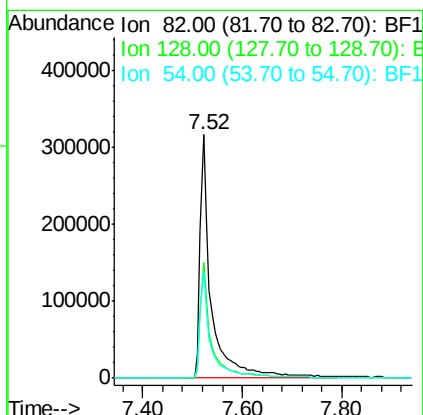
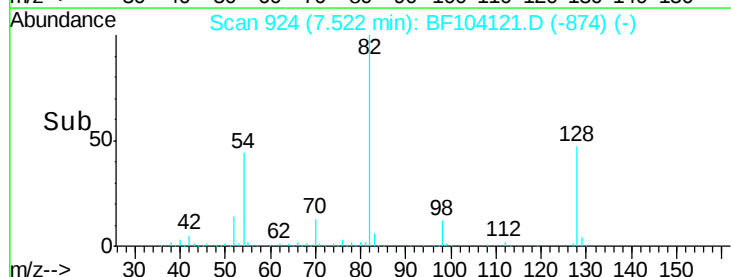
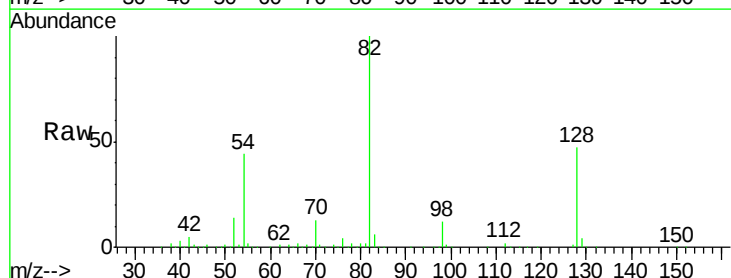
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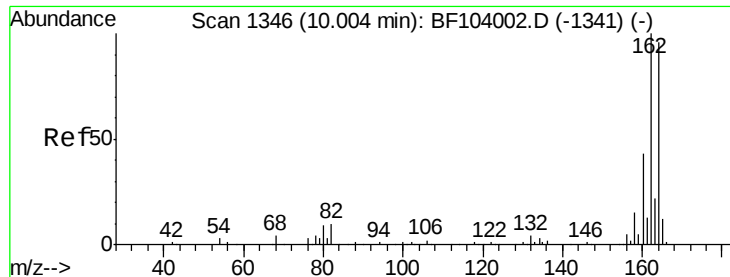
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#23
Nitrobenzene-d5
Concen: 65.510 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	497850		
128	47.3	36.1	54.1	
54	43.8	41.4	62.2	





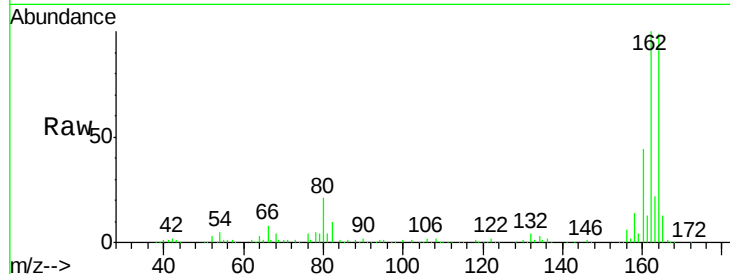
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Instrument :
BNA_F
ClientSampleId :
PB-13-COMP

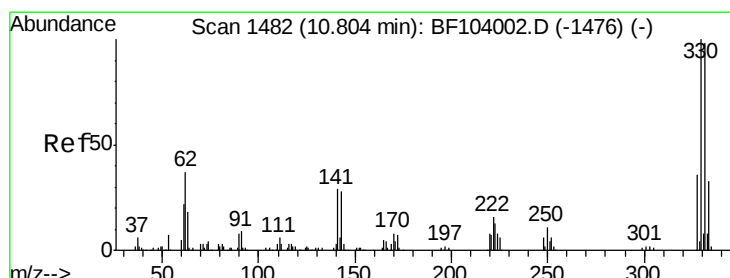
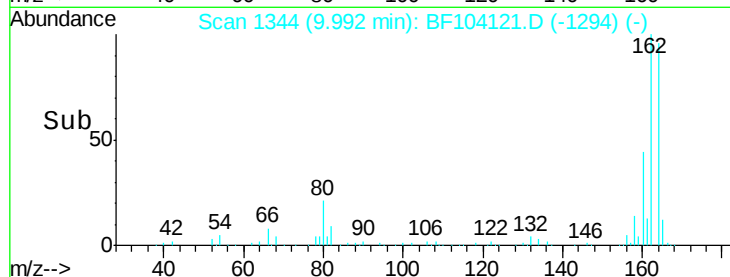
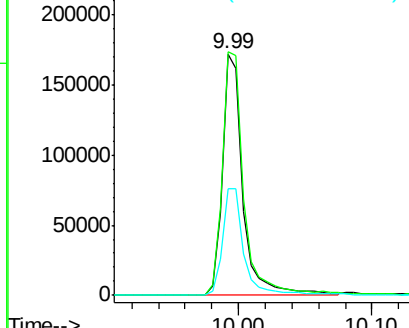
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	86.1	129.1	
160	44.0	38.3	57.5	

Manual Integrations
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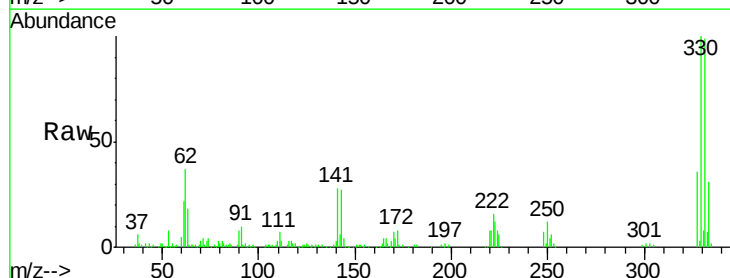


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

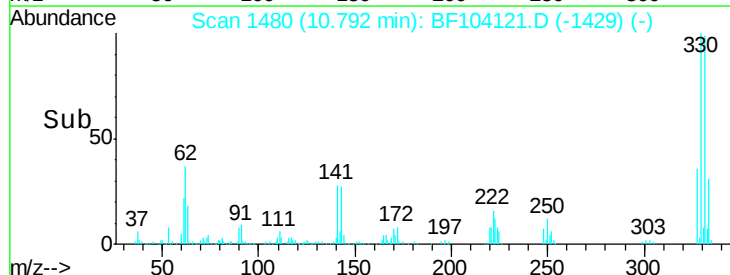
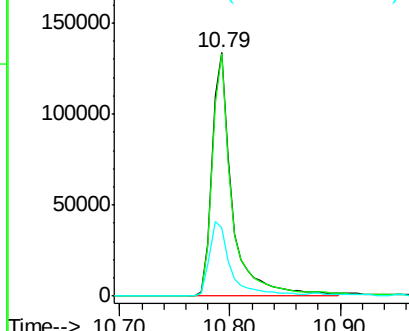


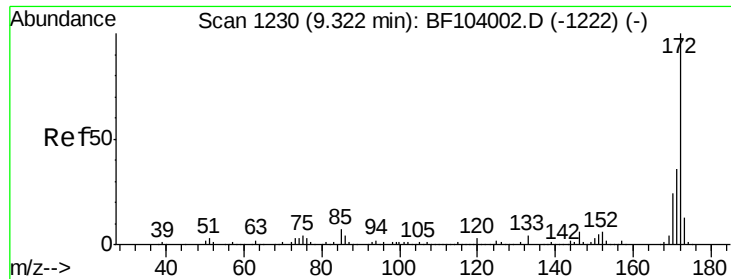
#41
2,4,6-Tribromophenol
Concen: 80.138 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.9	77.0	115.6	
141	32.9	29.9	44.9	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





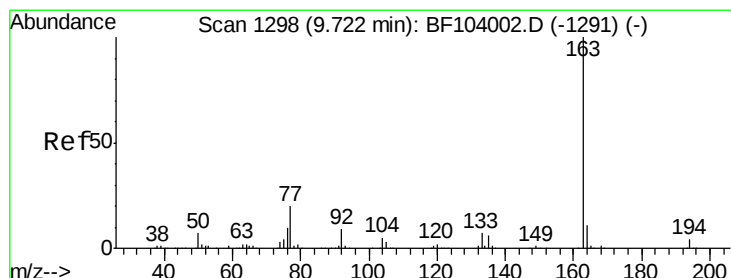
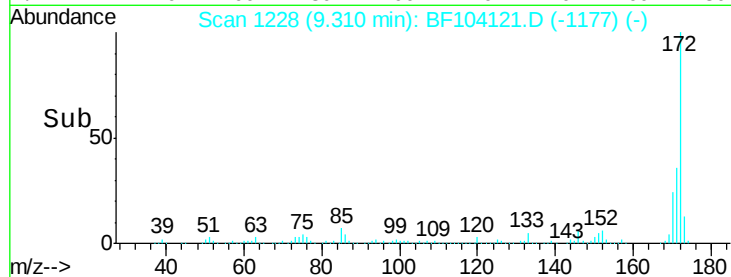
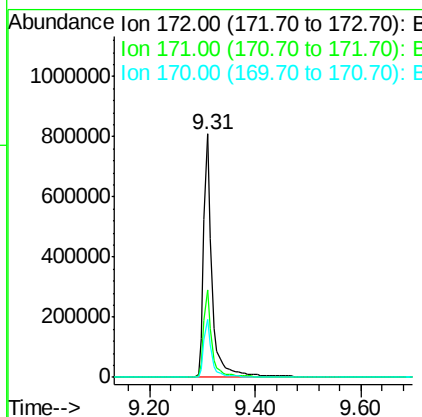
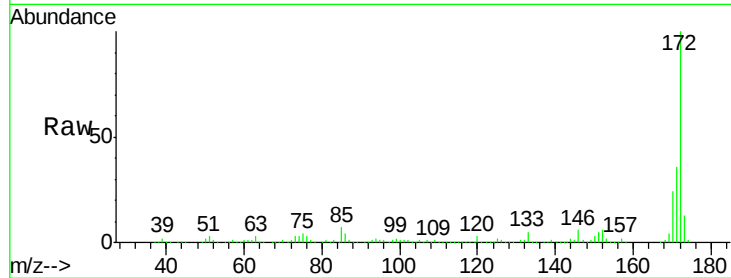
#44
2-Fluorobiphenyl
Concen: 76.249 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Instrument :
BNA_F
ClientSampled :
PB-13-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

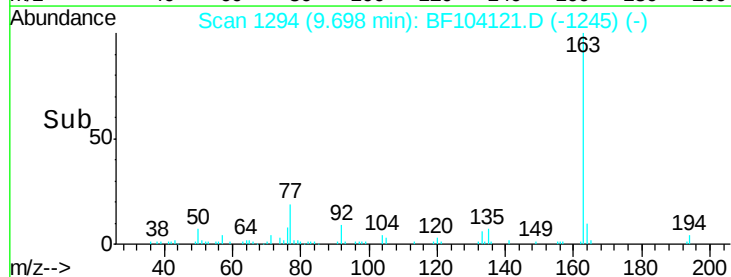
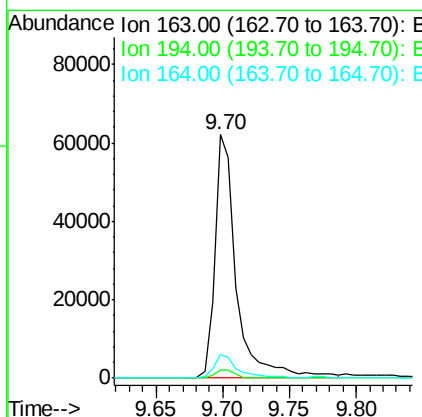
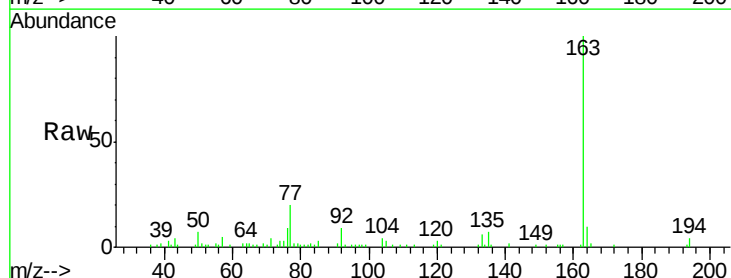
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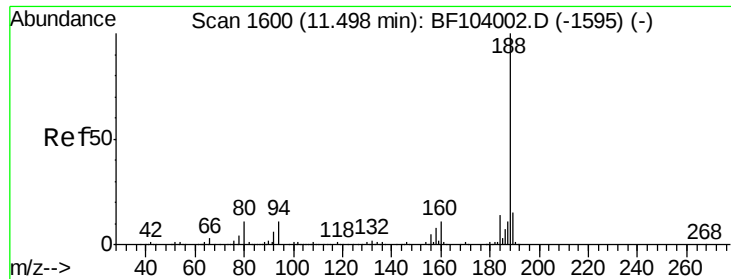
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#49
Dimethylphthalate
Concen: 4.756 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.7	8.2	12.2





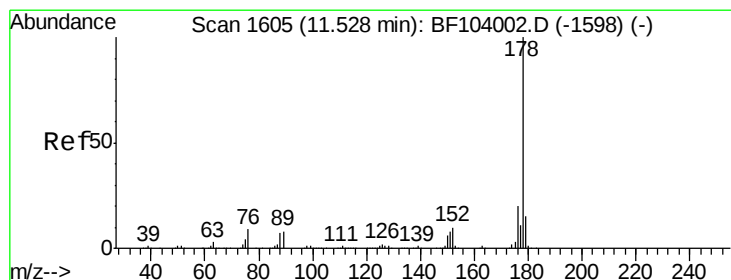
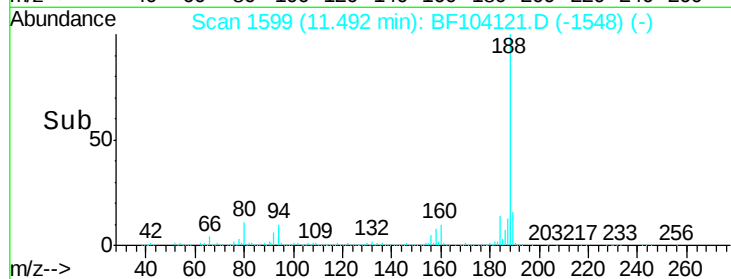
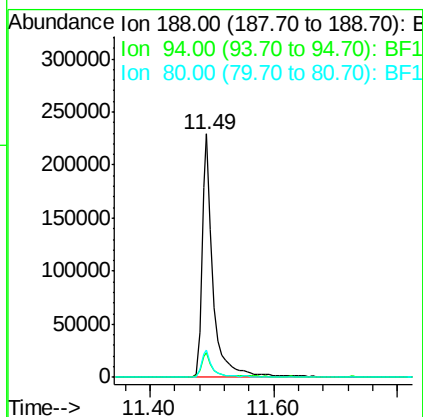
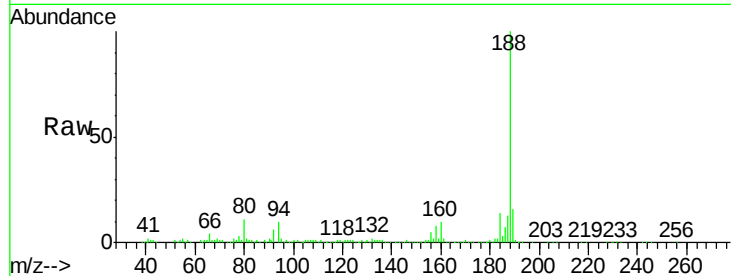
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Instrument :
BNA_F
ClientSampleId :
PB-13-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	288933		
94	10.3		8.5	12.7
80	11.1		9.2	13.8

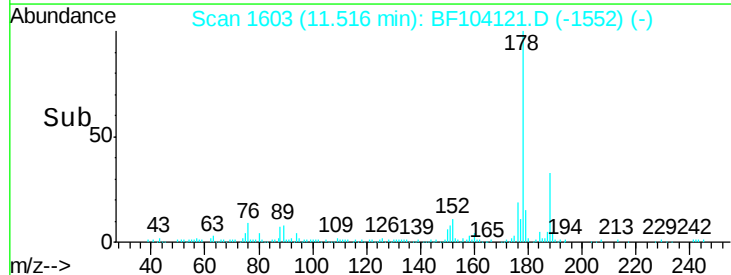
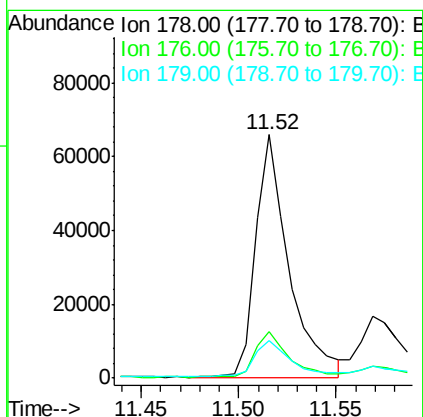
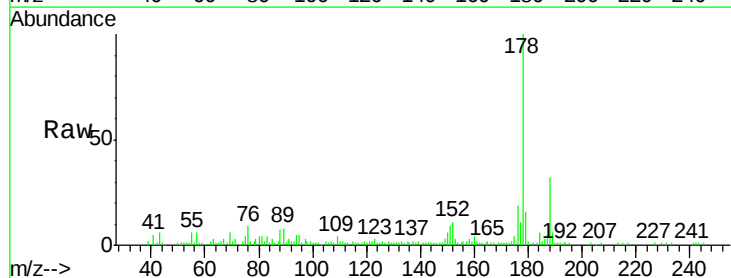
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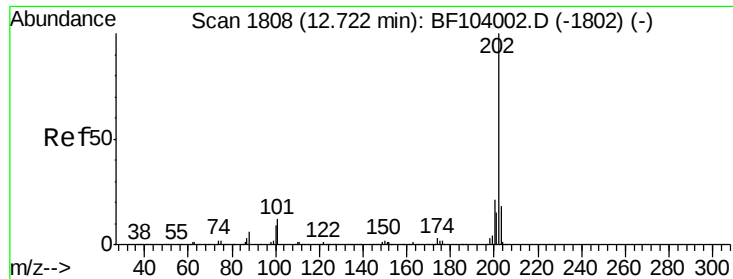
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#70
Phenanthrene
Concen: 5.021 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	78538		
176	19.1		15.8	23.8
179	15.6		13.0	19.6





#74

Fluoranthene

Concen: 6.802 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF104121.D

Acq: 31 Mar 2018 4:58

Instrument :

BNA_F

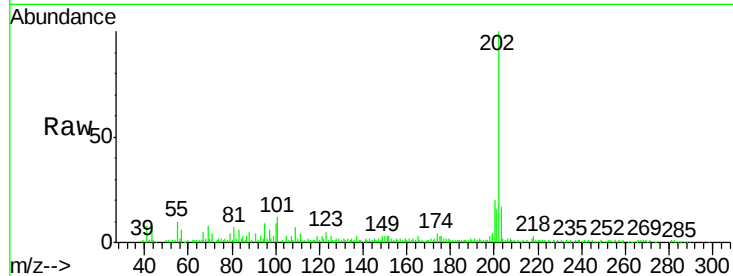
ClientSampleId :

PB-13-COMP

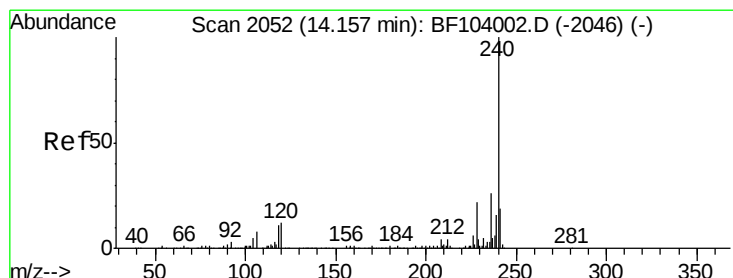
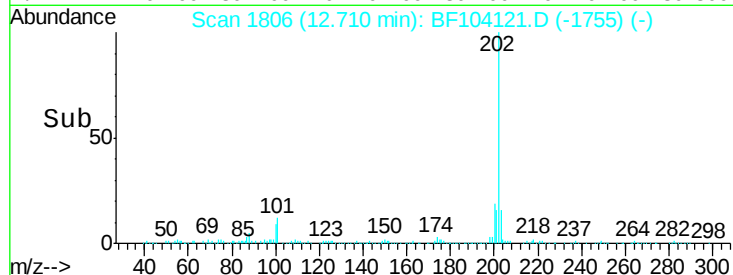
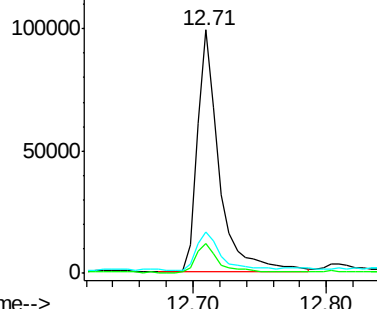
Tot Ion:	202	Resp:	113097
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.0	0.0	38.1

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

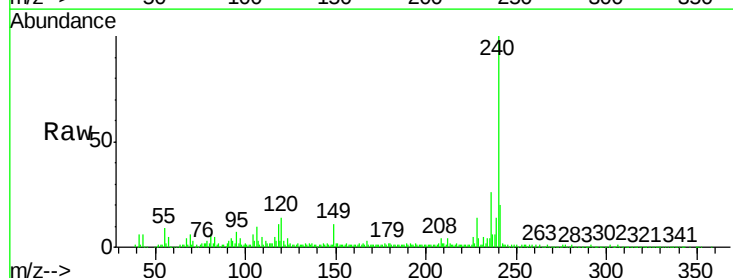
RT: 14.14 min Scan# 2050

Delta R.T. 0.00 min

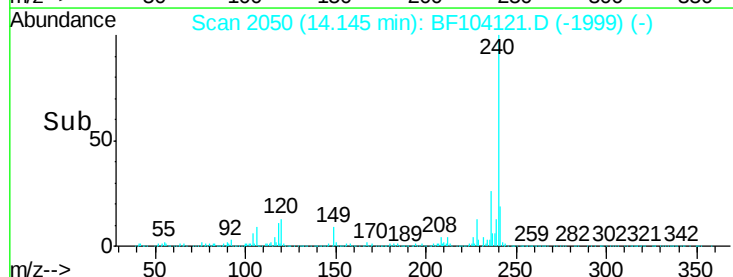
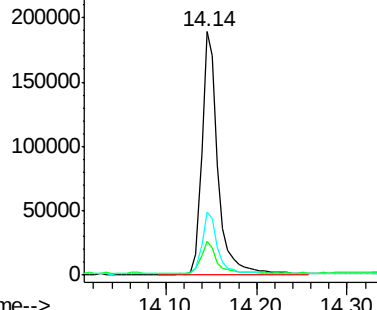
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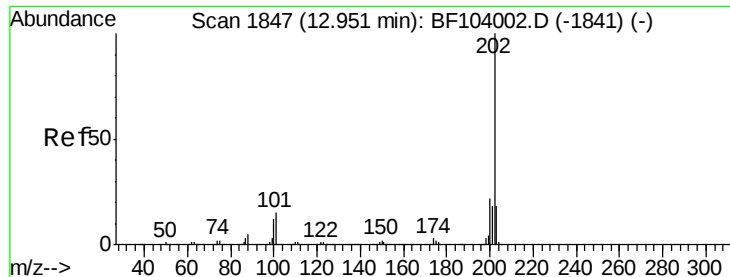
Acq: 31 Mar 2018 4:58

Tgt Ion:	240	Resp:	234125
Ion Ratio	Lower	Upper	
240	100		
120	14.0	9.5	14.3
236	25.7	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





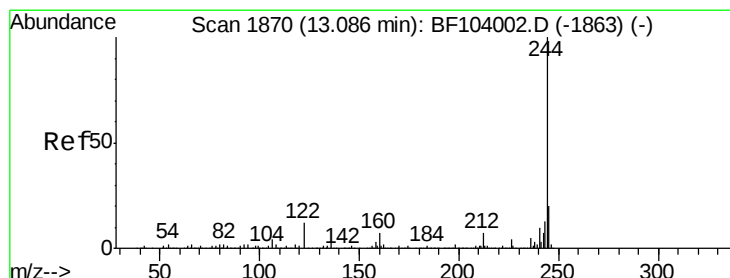
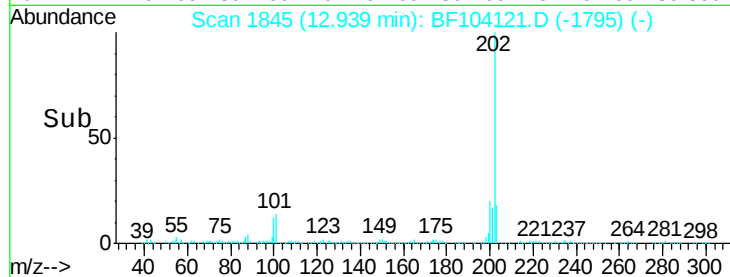
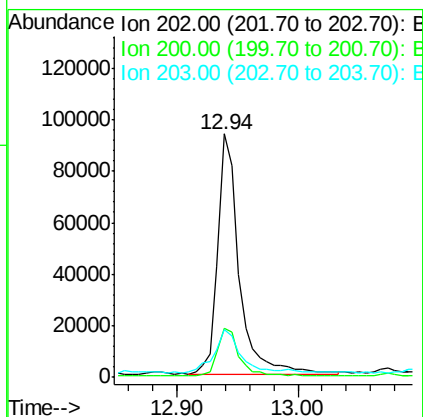
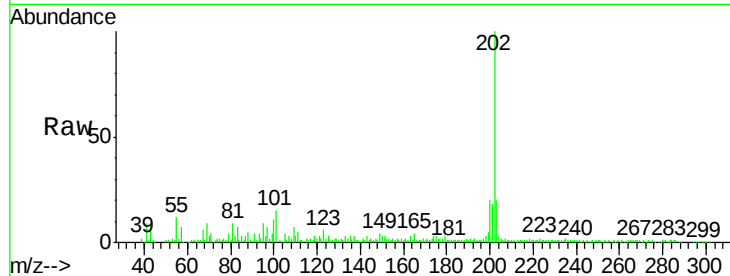
#77
Pvrene
Concen: 6.734 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Instrument :
BNA_F
ClientSampleId :
PB-13-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	19.6	14.3	21.5

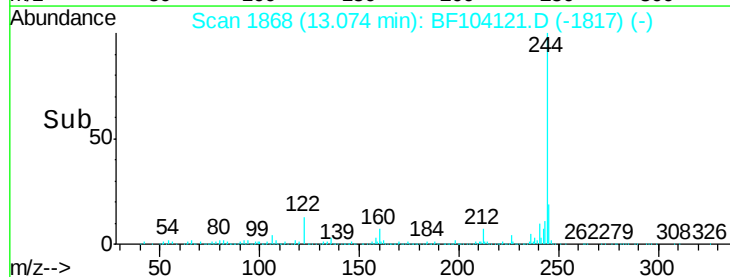
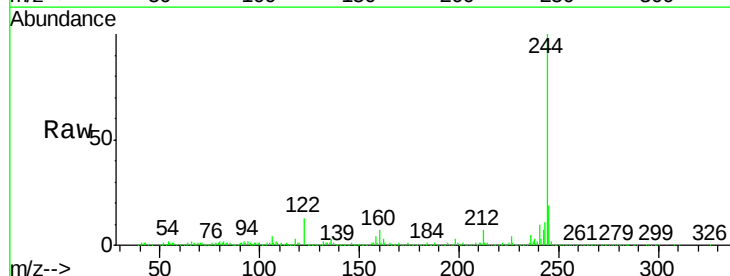
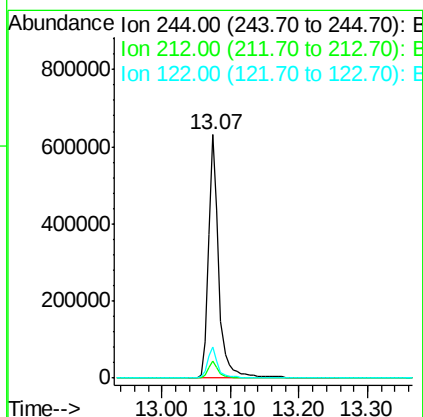
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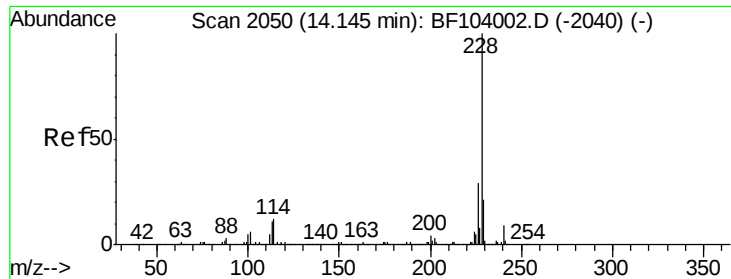
Sohil
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#78
Terphenyl-d14
Concen: 66.534 ng
RT: 13.07 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.9	11.0	16.4





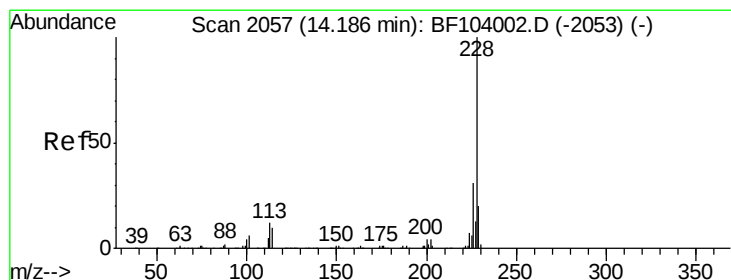
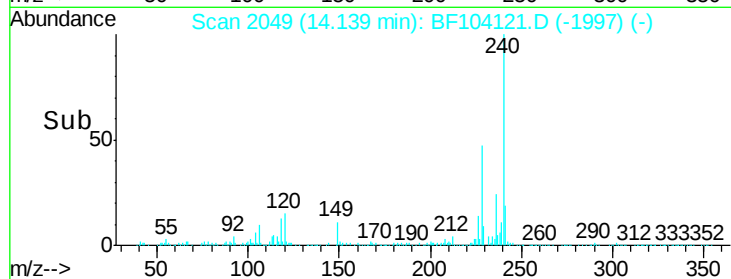
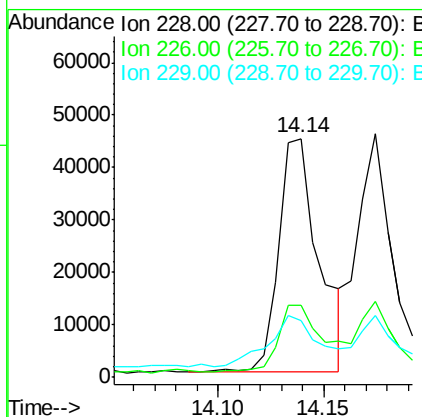
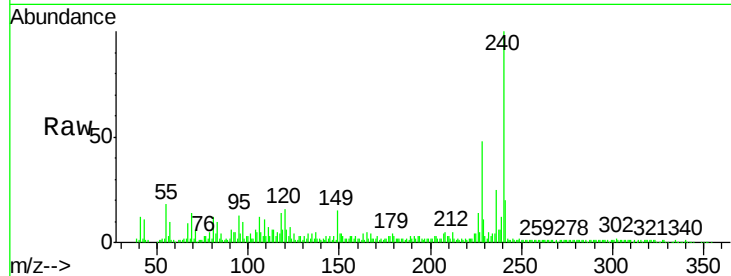
#80
Benzo(a)anthracene
Concen: 4.028 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Instrument :
BNA_F
ClientSampleId :
PB-13-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	23.7	15.8	23.6

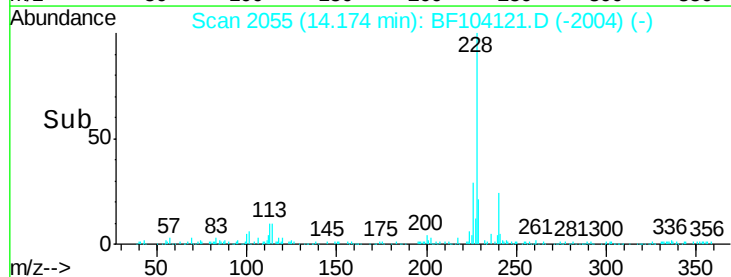
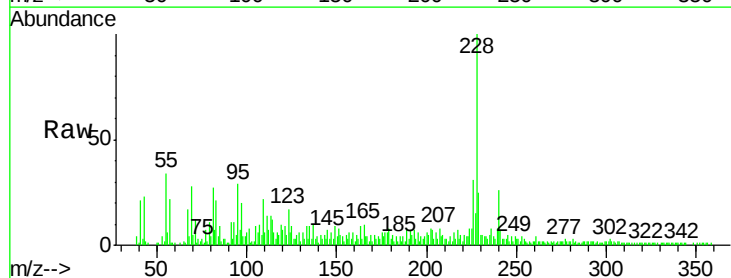
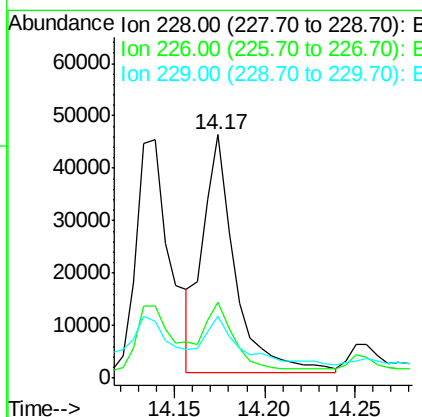
Manual Integrations
APPROVED

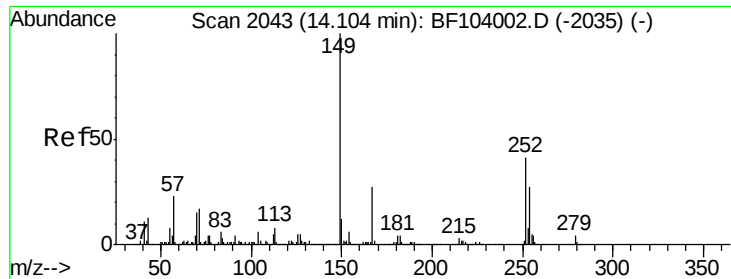
Sohil
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#82
Chrysene
Concen: 3.904 ng m
RT: 14.17 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	25.3	16.2	24.4





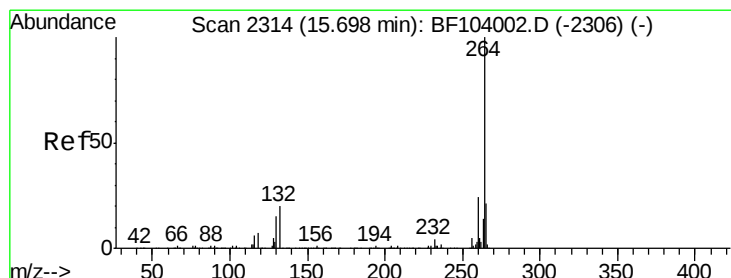
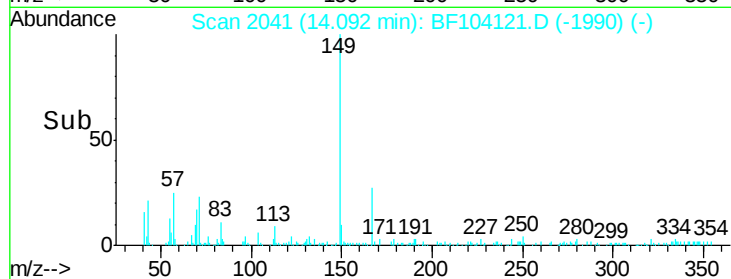
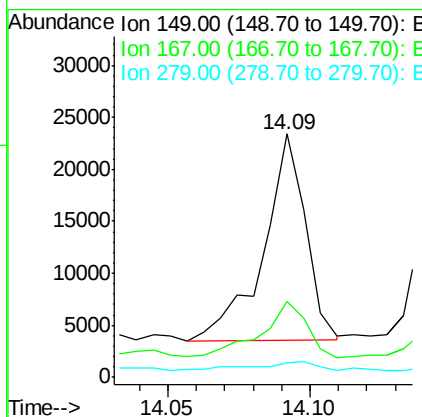
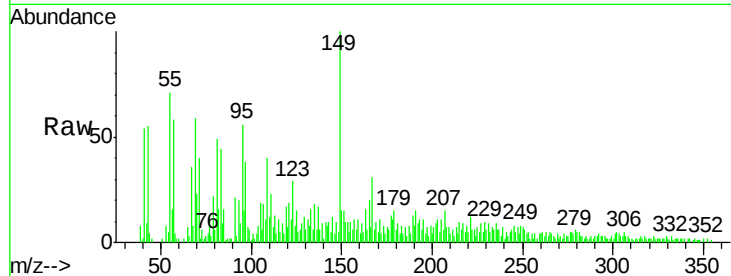
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.014 ng/mL
RT: 14.09 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Instrument :
BNA_F
ClientSampleId :
PB-13-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.3	21.3	31.9
279	5.9	3.0	4.4

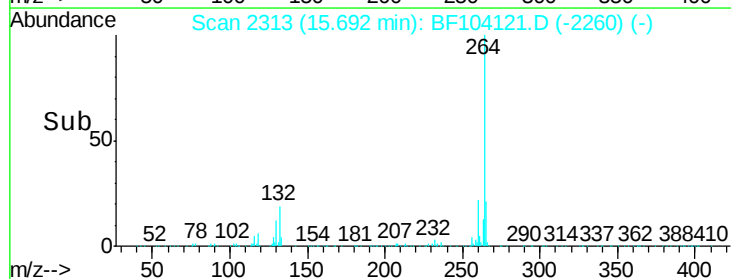
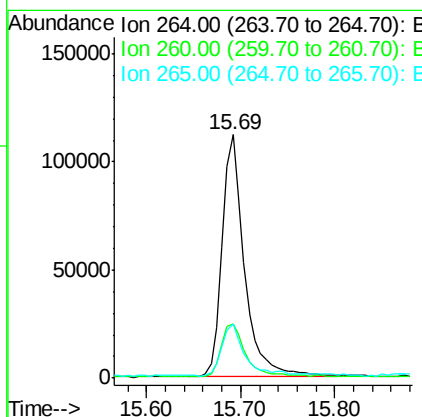
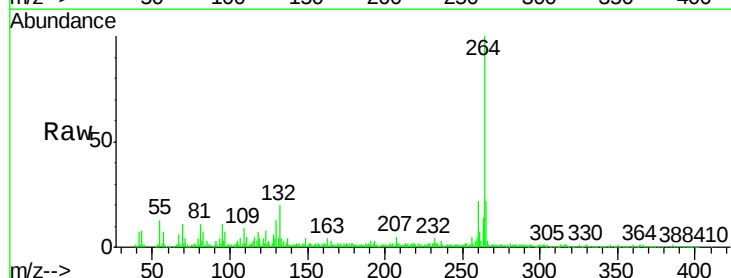
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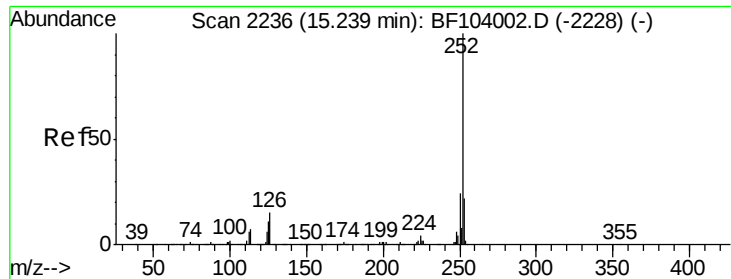
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.621 ng m

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BF104121.D

Acq: 31 Mar 2018 4:58

Instrument :

BNA_F

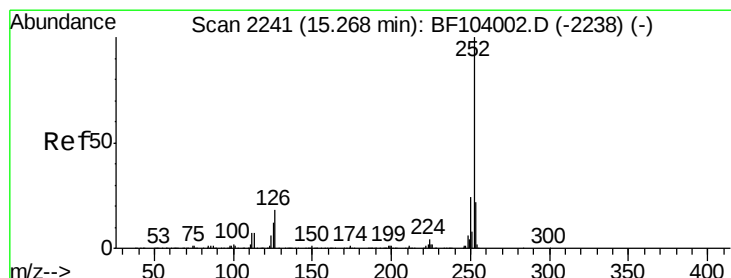
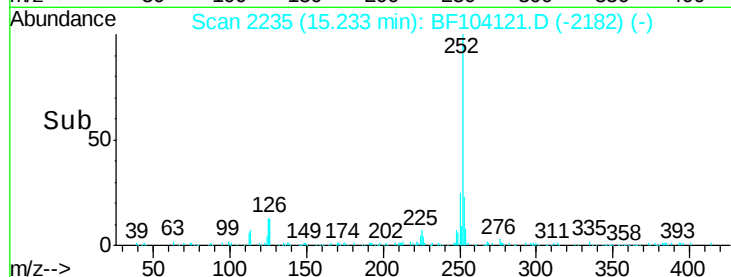
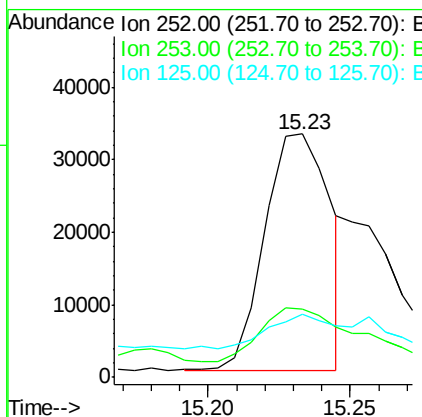
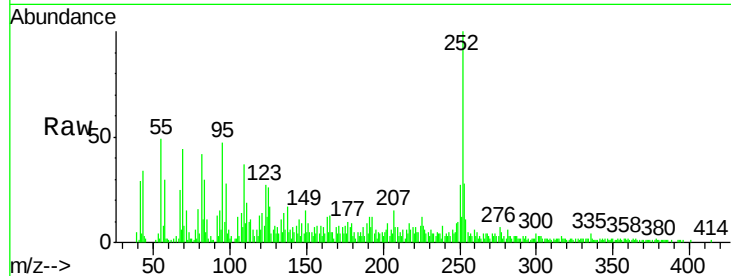
ClientSampleId :

PB-13-COMP

Tot Ion:	252	Resp:	52388
Ion Ratio	Lower	Upper	
252	100		
253	27.9	17.0	25.6#
125	25.9	9.0	13.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.567 ng m

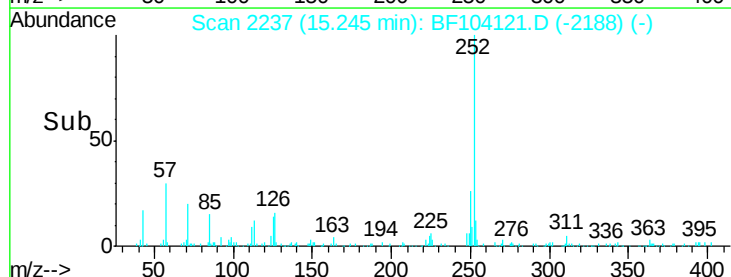
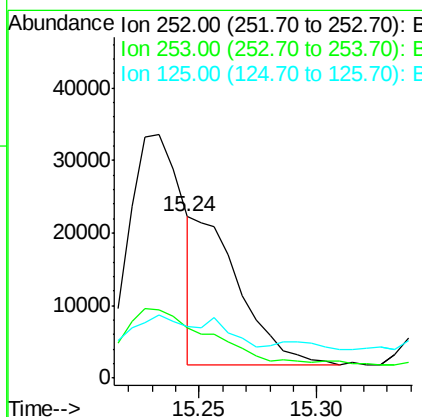
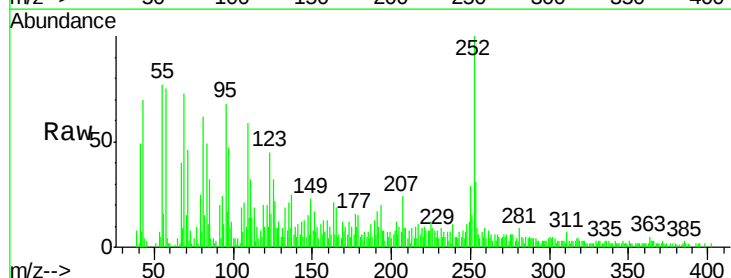
RT: 15.24 min Scan# 2237

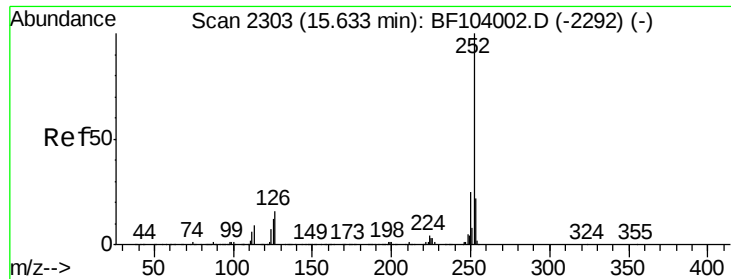
Delta R.T. -0.01 min

Lab File: BF104121.D

Acq: 31 Mar 2018 4:58

Tgt Ion:	252	Resp:	27416
Ion Ratio	Lower	Upper	
252	100		
253	31.2	17.9	26.9#
125	31.6	10.2	15.2#





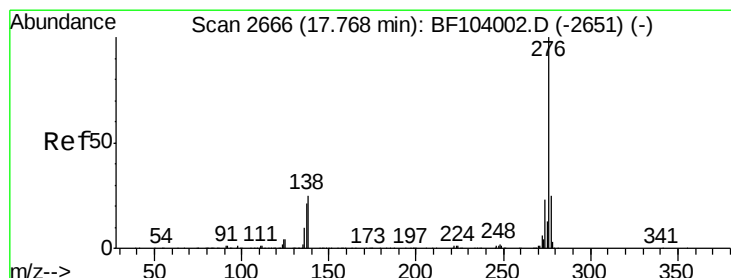
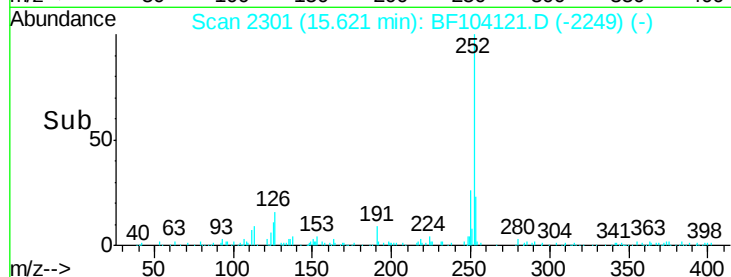
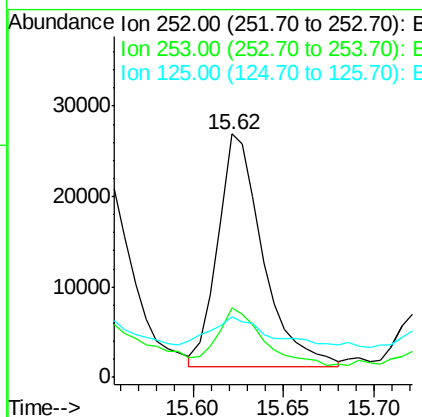
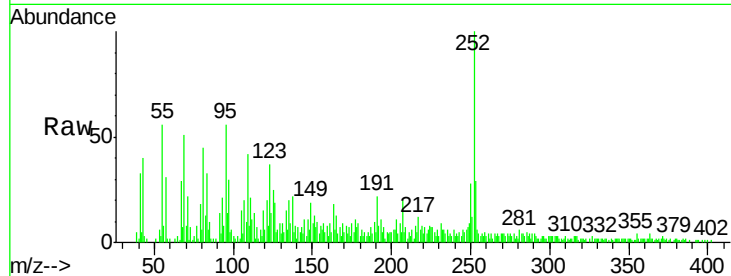
#89
Benzo(a)pyrene
Concen: 4.255 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Instrument :
BNA_F
ClientSampleId :
PB-13-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.1	25.7#
125	24.7	9.8	14.6#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.952 ng
RT: 17.76 min Scan# 2665
Delta R.T. 0.02 min
Lab File: BF104121.D
Acq: 31 Mar 2018 4:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	33.5	17.9	26.9#
138	26.8	21.8	32.8

