

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
 Data File : BF104157.D
 Acq On : 3 Apr 2018 3:31
 Operator : JU/SJ
 Sample : J2121-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-02-COMP

Manual Integrations
 APPROVED

Sohil
 4/3/2018 2:27:55 PM

Quant Time: Apr 03 06:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 02 13:40:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	96213	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	385425	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	164796	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	248041	20.00	ng	0.00
75) Chrysene-d12	14.14	240	228984	20.00	ng	0.00
86) Perylene-d12	15.69	264	193518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	480240	79.60	ng	0.00
7) Phenol-d6	6.59	99	647494	87.23	ng	0.00
23) Nitrobenzene-d5	7.52	82	372374	59.08	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	132167	72.03	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	709700	67.91	ng	0.00
78) Terphenyl-d14	13.07	244	508529	51.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	58483	4.495	ng	97
70) Phenanthrene	11.52	178	41981	3.126	ng	97
73) Di-n-butylphthalate	12.03	149	34625	2.171	ng	99
74) Fluoranthene	12.71	202	80882	5.666	ng	98
77) Pyrene	12.94	202	73127	4.443	ng	98
80) Benzo(a)anthracene	14.14	228	44539	3.109	ng	94
82) Chrysene	14.17	228	34999	2.494	ng	95
83) Bis(2-ethylhexyl)phthalate	14.09	149	25426	2.538	ng	100
87) Benzo(b)fluoranthene	15.23	252	38261m	3.249	ng	
89) Benzo(a)pyrene	15.62	252	31574	2.893	ng	# 84

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

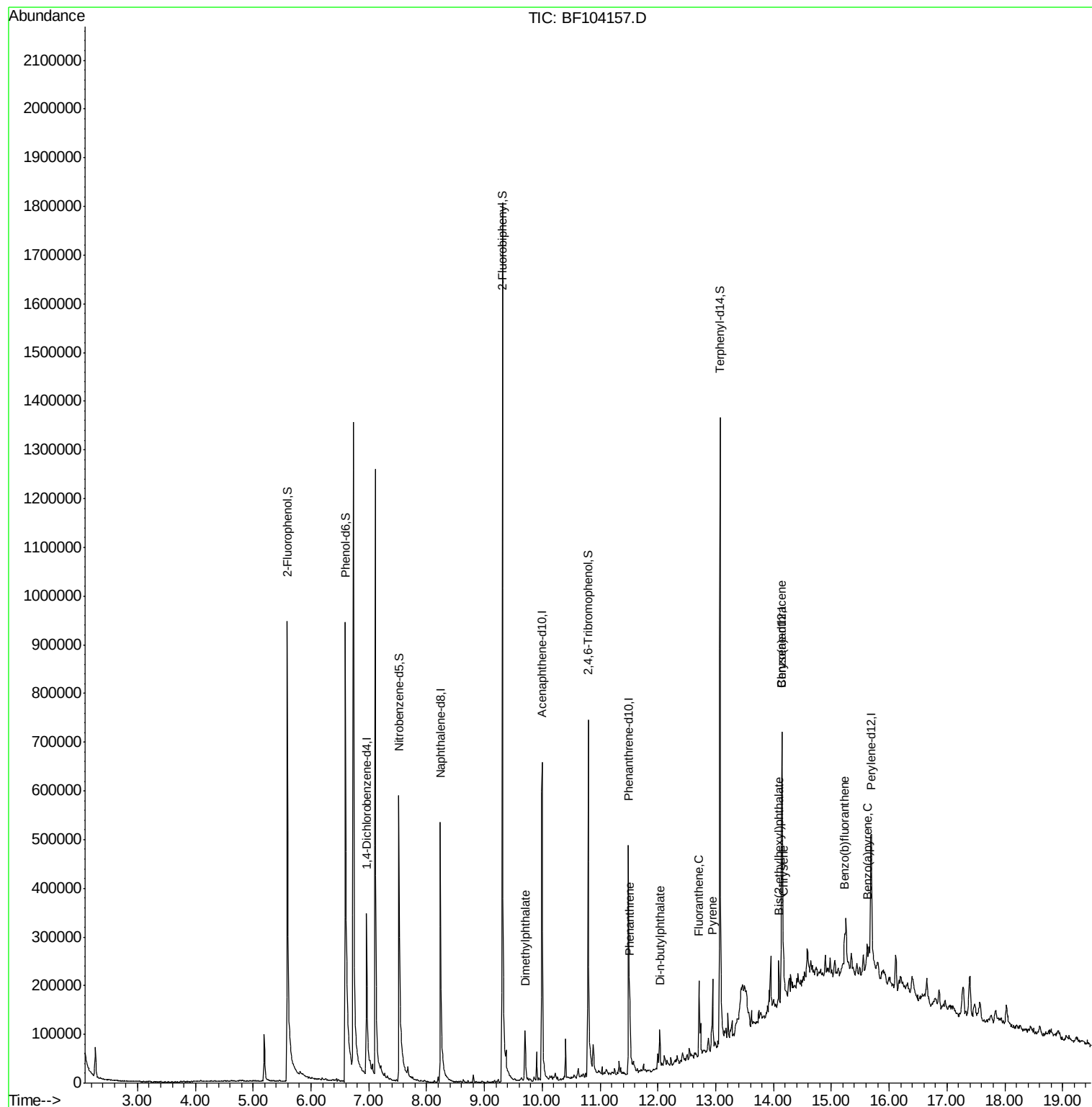
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040218\
Data File : BF104157.D
Acq On : 3 Apr 2018 3:31
Operator : JU/SJ
Sample : J2121-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

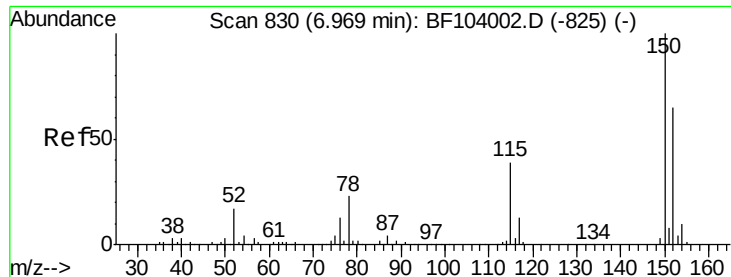
Instrument :
BNA_F
ClientSampleId :
PA-02-COMP

Manual Integrations
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Sohil
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#1

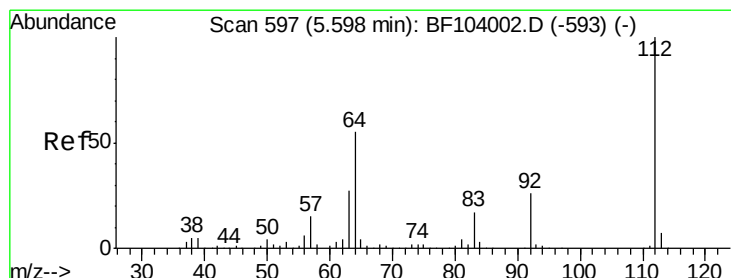
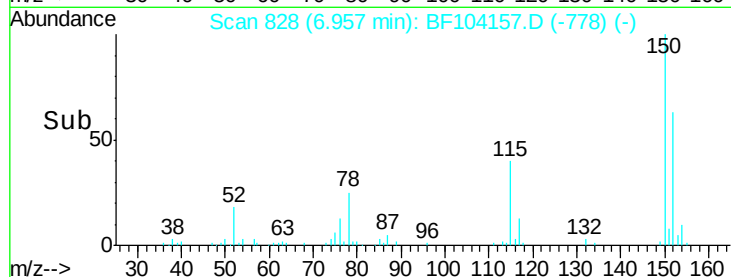
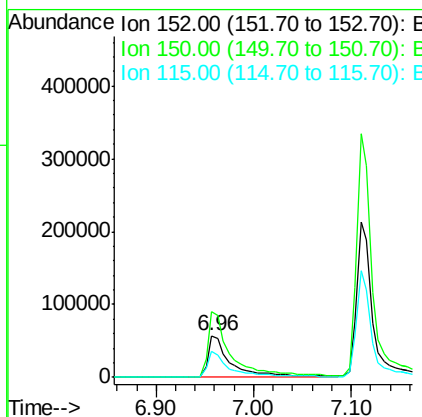
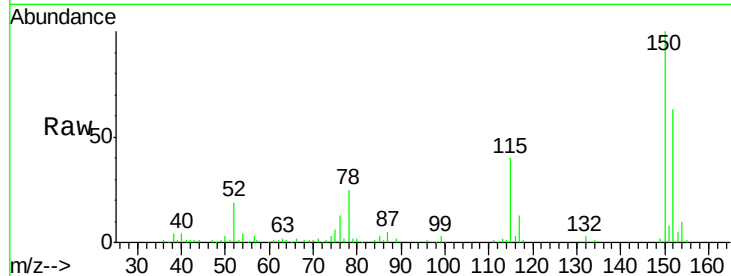
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Instrument :
BNA_F
ClientSampleId :
PA-02-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	63.3	50.1	75.1

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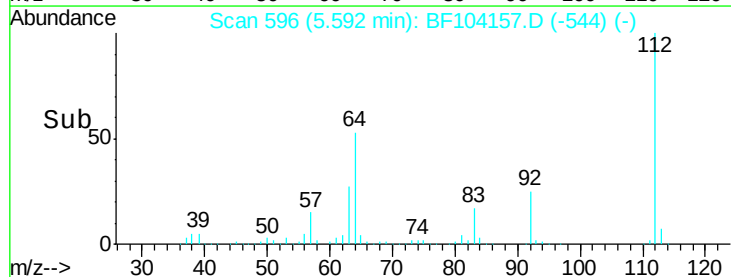
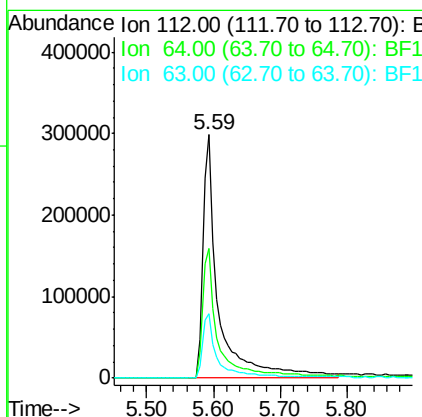
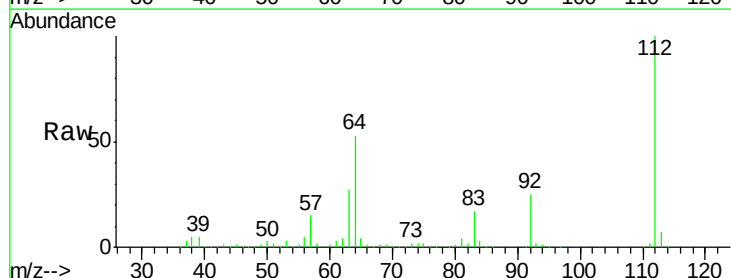
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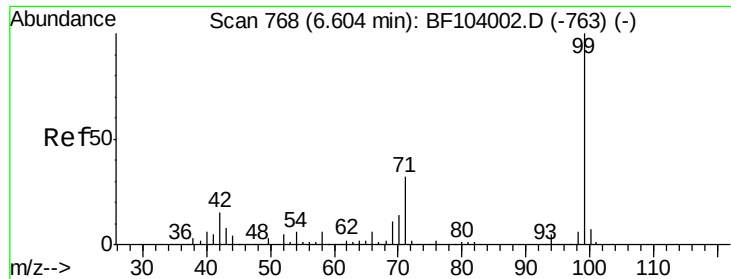


#5

2-Fluorophenol
Concen: 79.601 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	47.9	71.9
63	26.6	23.7	35.5





#7

Phenol-d6

Concen: 87.233 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104157.D

Acq: 3 Apr 2018 3:31

Instrument :

BNA_F

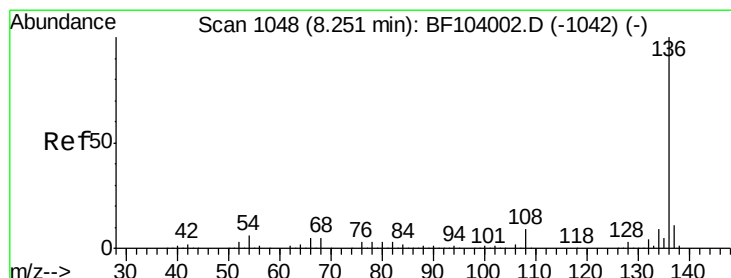
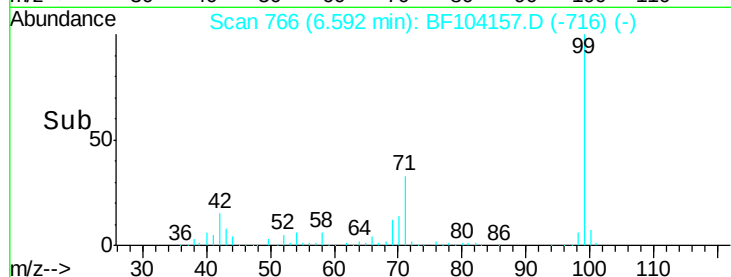
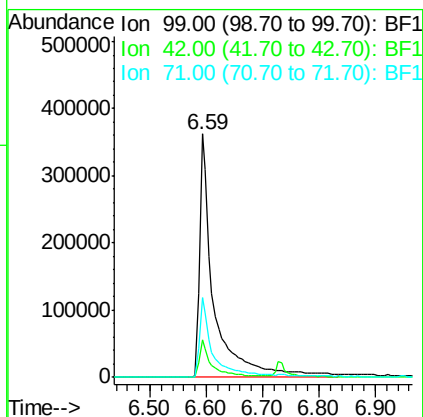
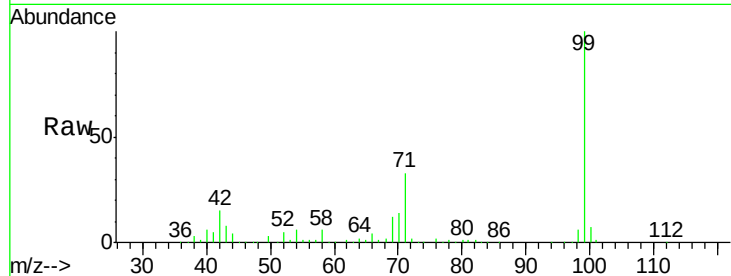
ClientSampleId :

PA-02-COMP

Tot Ion:	99	Resp:	647494
Ion	Ratio	Lower	Upper
99	100		
42	15.5	14.5	21.7
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

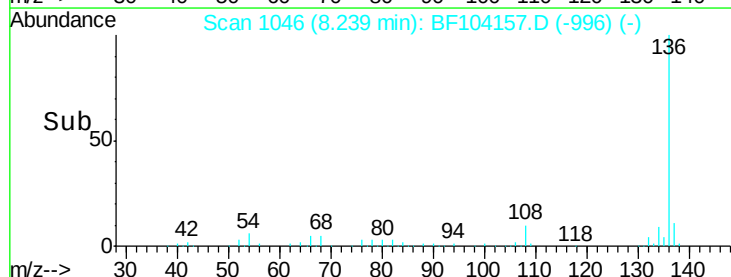
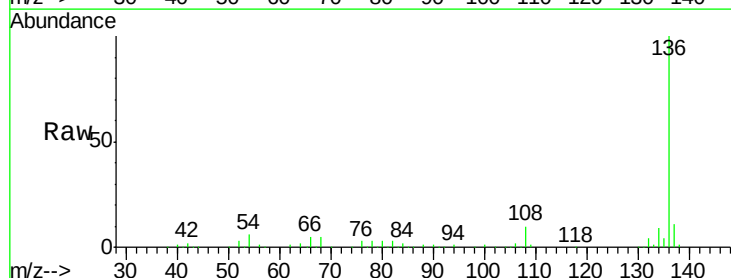
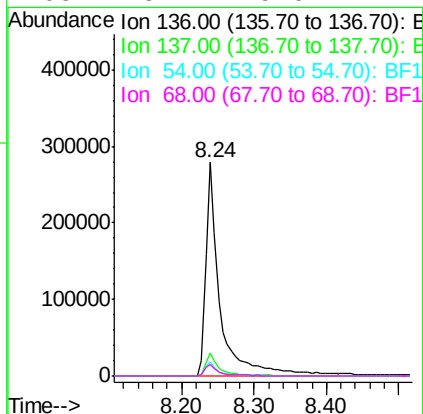
RT: 8.24 min Scan# 1046

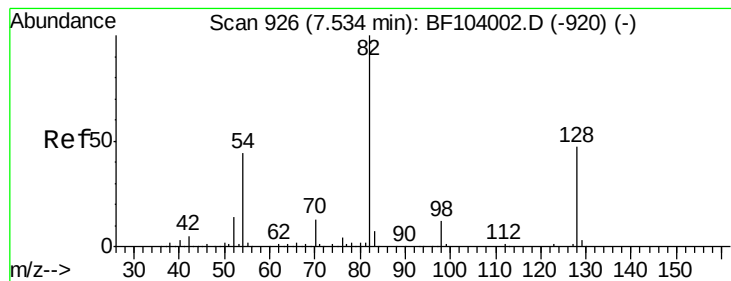
Delta R.T. -0.01 min

Lab File: BF104157.D

Acq: 3 Apr 2018 3:31

Tgt Ion:	136	Resp:	385425
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.4	6.6	9.8
68	5.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 59.085 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF104157.D

Acq: 3 Apr 2018 3:31

Instrument :

BNA_F

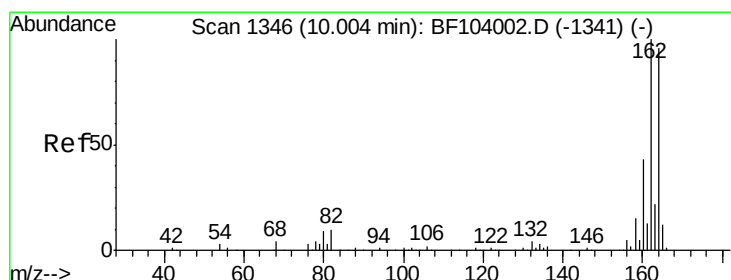
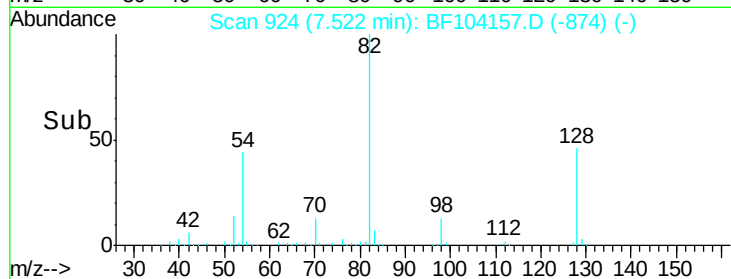
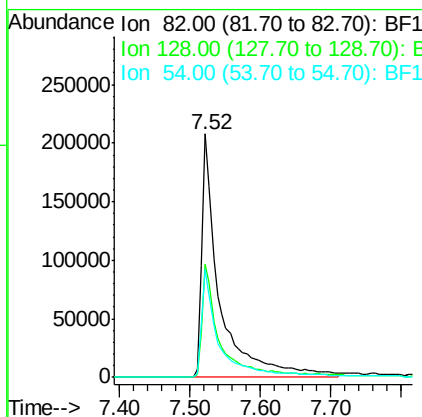
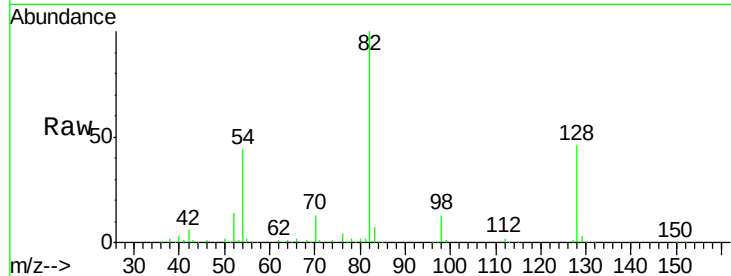
ClientSampleId :

PA-02-COMP

Tot Ion:	82	Resp:	372374
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	44.4	41.4	62.2

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

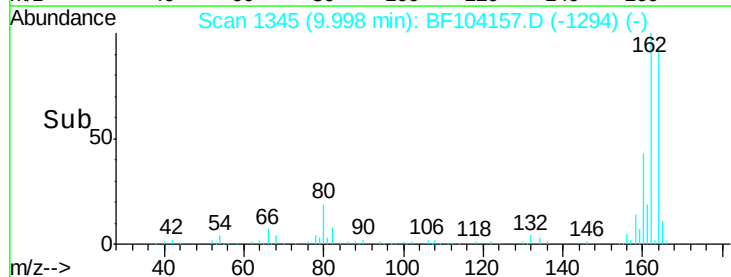
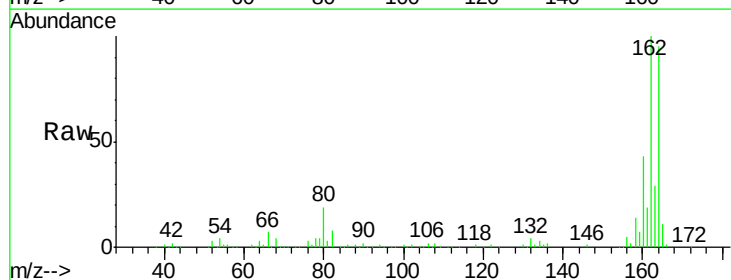
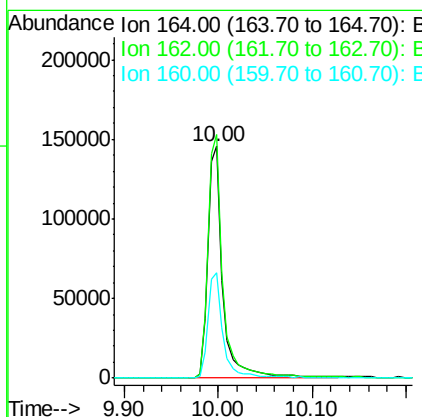
RT: 10.00 min Scan# 1345

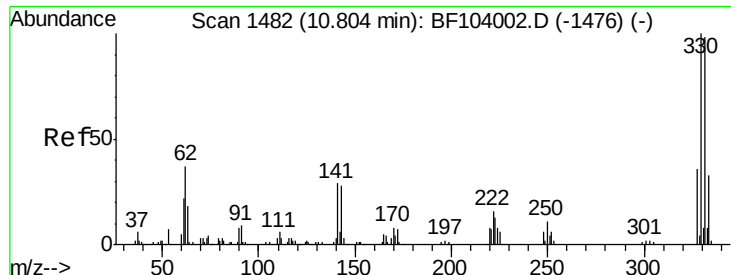
Delta R.T. -0.00 min

Lab File: BF104157.D

Acq: 3 Apr 2018 3:31

Tgt Ion:	164	Resp:	164796
Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	45.2	38.3	57.5





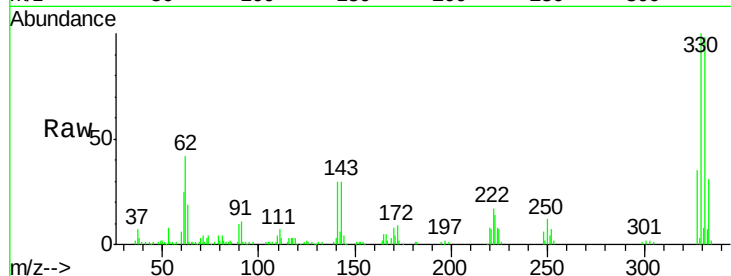
#41
 2,4,6-Tribromophenol
 Concen: 72.025 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104157.D
 Acq: 3 Apr 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :
 PA-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	132167		
332	94.9	77.0	115.6	
141	32.4	29.9	44.9	

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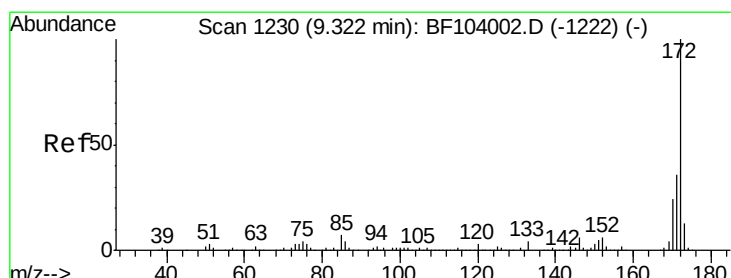
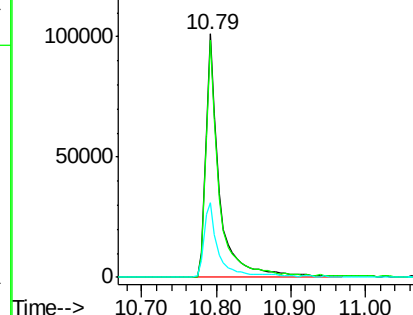
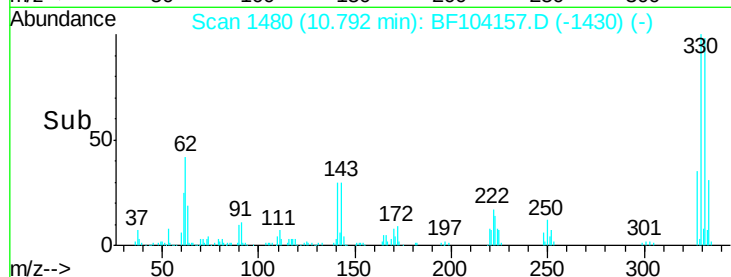


Abundance

Ion 329.80 (329.50 to 330.50): E

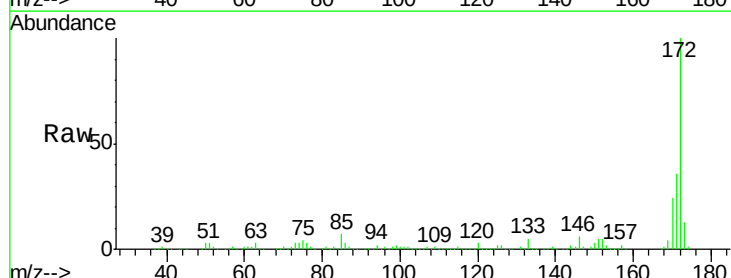
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.910 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF104157.D
 Acq: 3 Apr 2018 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	709700		
171	35.8	29.7	44.5	
170	23.6	19.6	29.4	

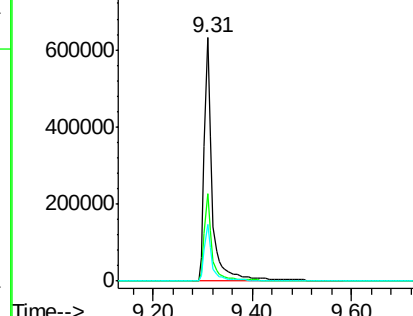
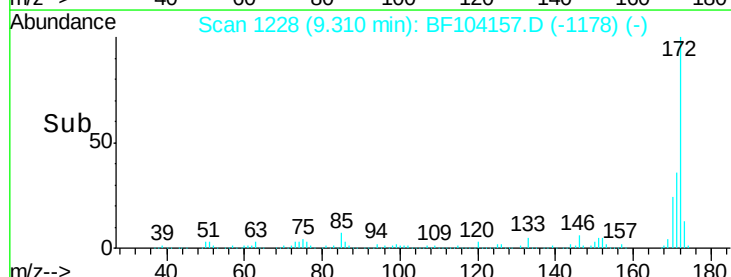


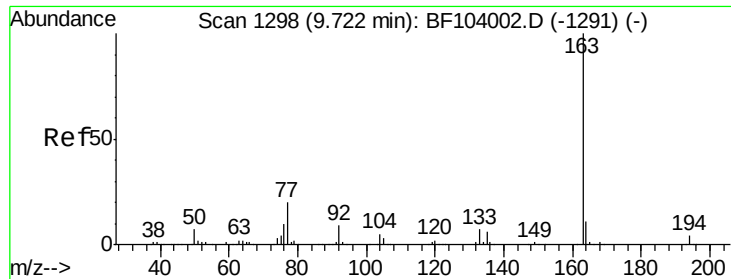
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





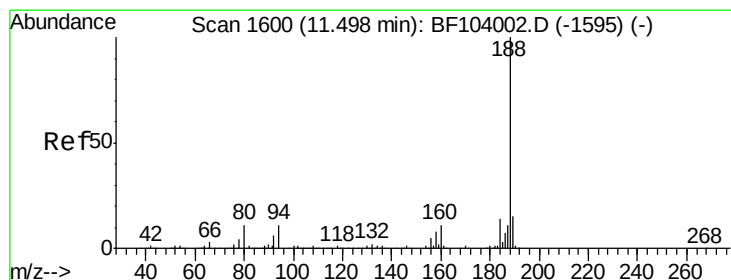
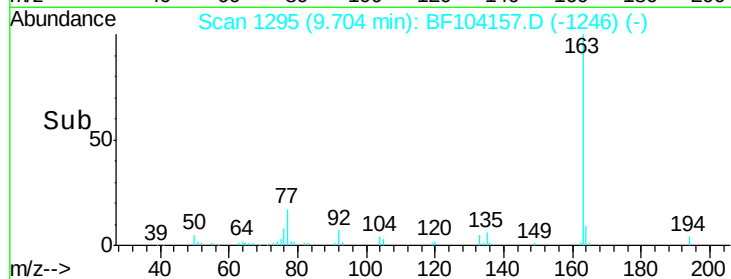
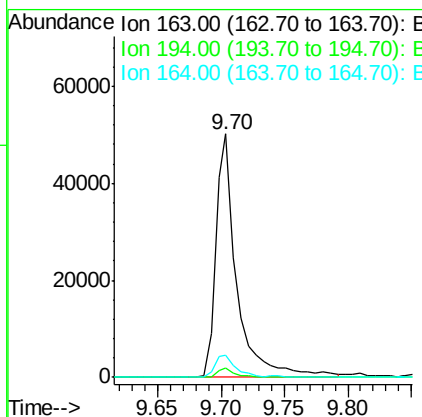
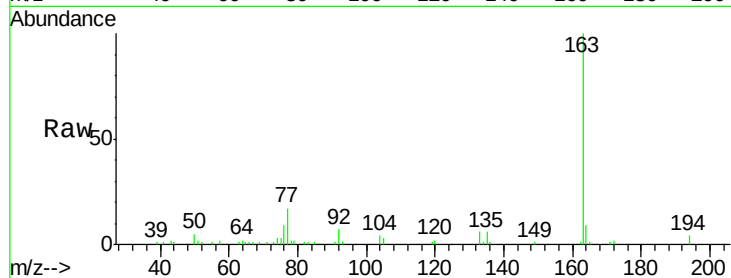
#49
Dimethylphthalate
Concen: 4.495 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Instrument :
BNA_F
ClientSampleId :
PA-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	58483		
194	3.8		2.7	4.1
164	9.1		8.2	12.2

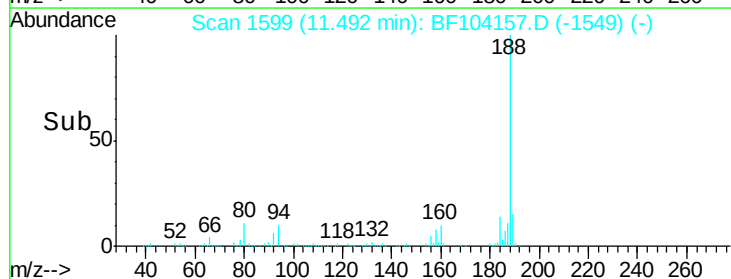
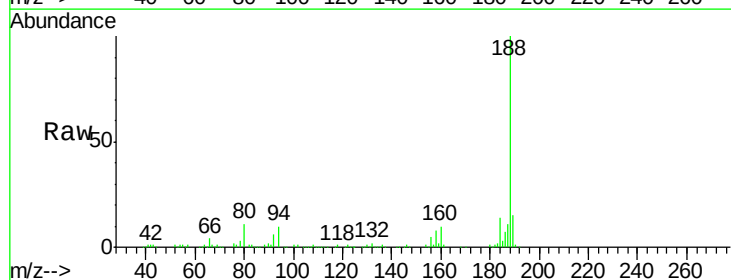
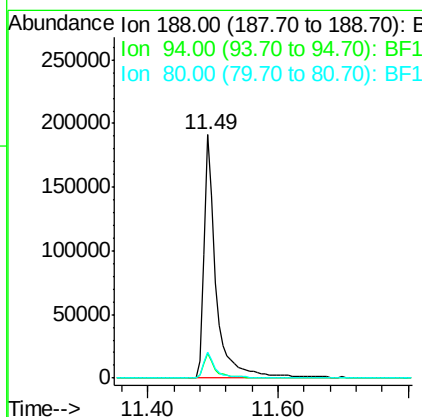
Manual Integrations
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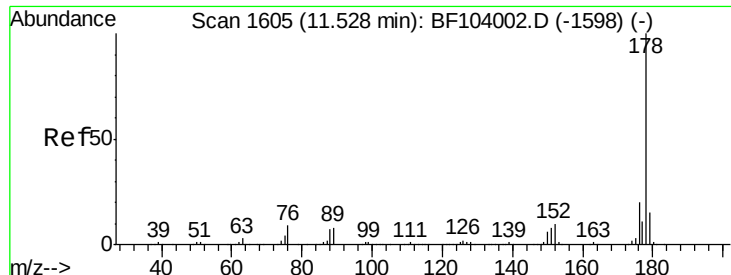
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	248041		
94	10.2		8.5	12.7
80	10.8		9.2	13.8





#70

Phenanthrene

Concen: 3.126 ng

RT: 11.52 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BF104157.D

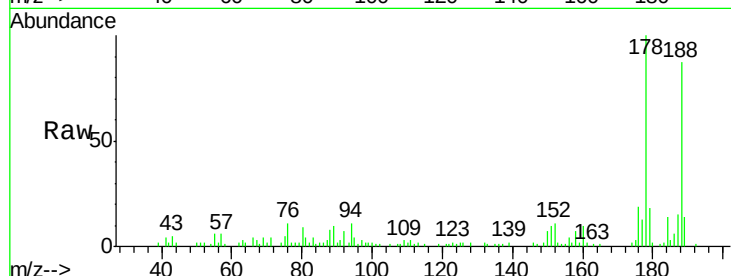
Acq: 3 Apr 2018 3:31

Instrument :

BNA_F

ClientSampleId :

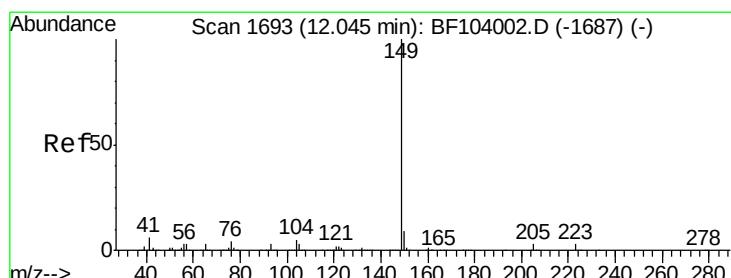
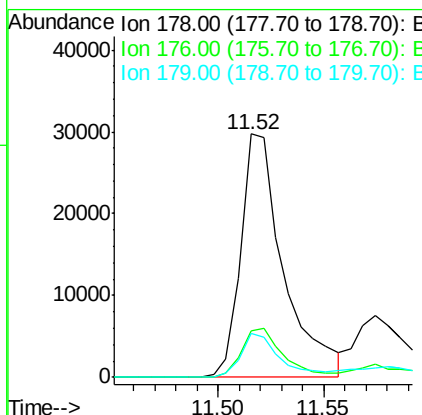
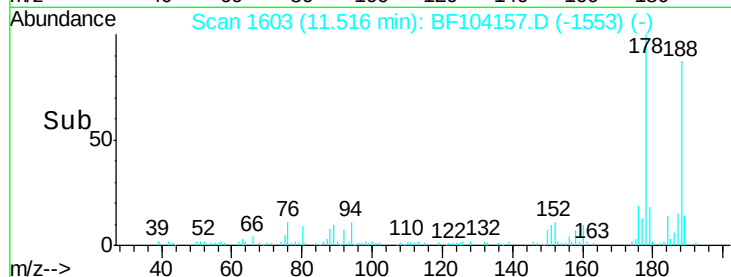
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Tot Ion:	178	Resp:	41981
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	18.2	13.0	19.6

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#73

Di-n-butylphthalate

Concen: 2.171 ng

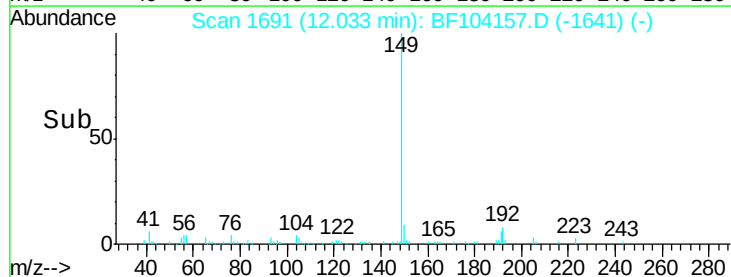
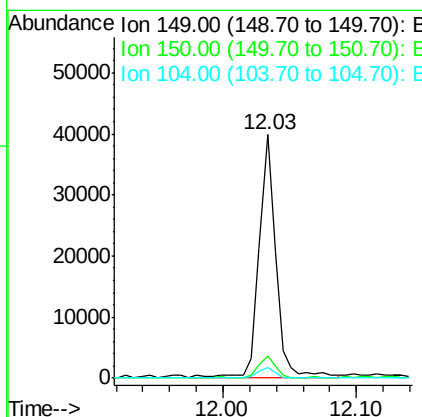
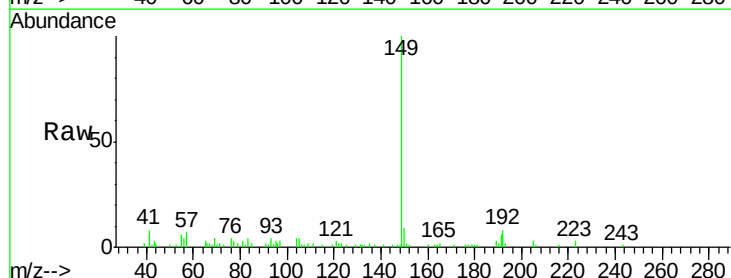
RT: 12.03 min Scan# 1691

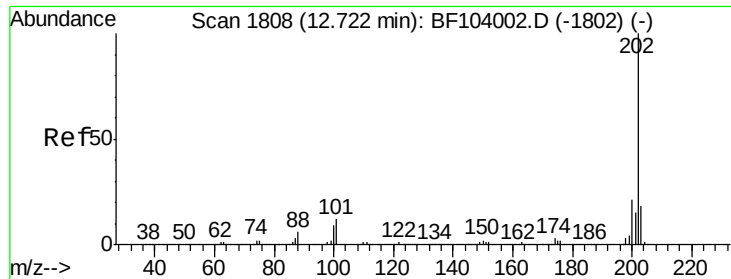
Delta R.T. -0.01 min

Lab File: BF104157.D

Acq: 3 Apr 2018 3:31

Tgt Ion:	149	Resp:	34625
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.2	3.8	5.8





#74

Fluoranthene

Concen: 5.666 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF104157.D

Acq: 3 Apr 2018 3:31

Instrument :

BNA_F

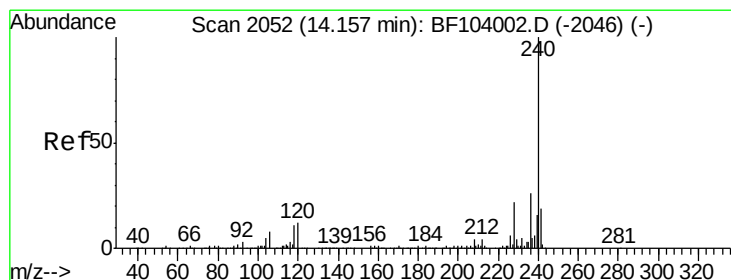
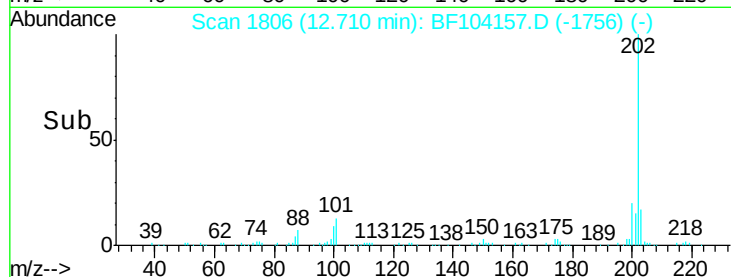
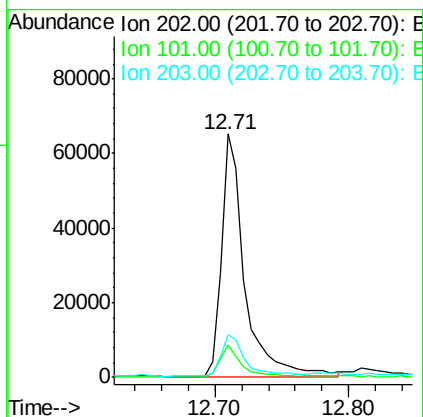
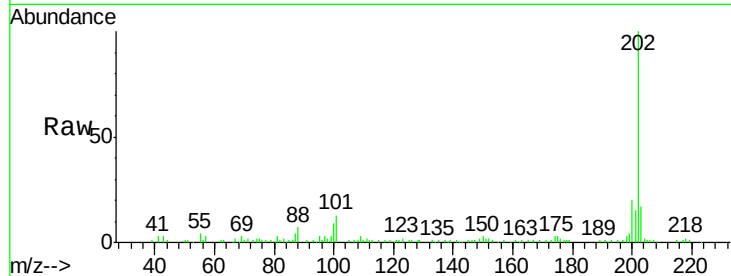
ClientSampleId :

PA-02-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		80882		
101	13.3	0.0	34.1		
203	17.3	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

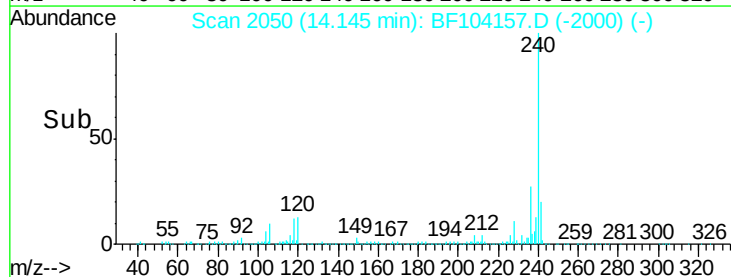
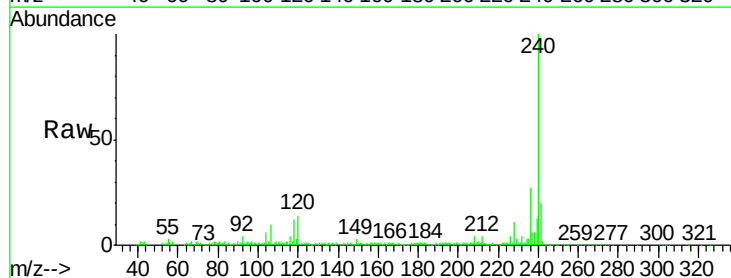
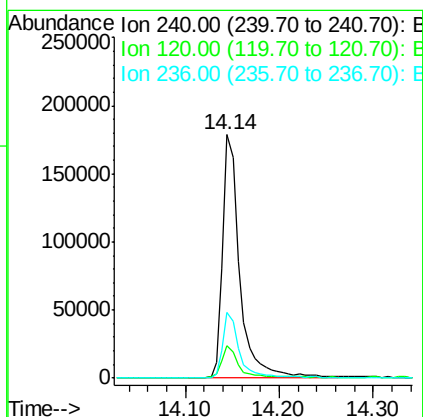
RT: 14.14 min Scan# 2050

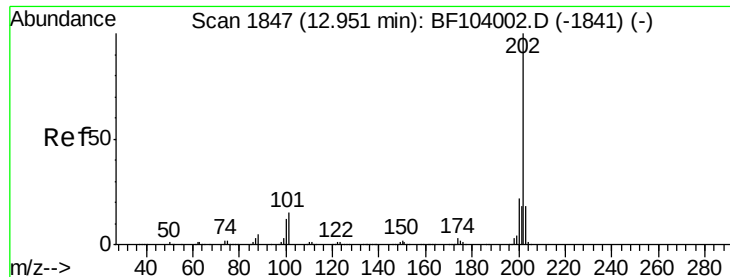
Delta R.T. -0.01 min

Lab File: BF104157.D

Acq: 3 Apr 2018 3:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		228984		
120	13.6	9.5	14.3		
236	26.8	20.7	31.1		





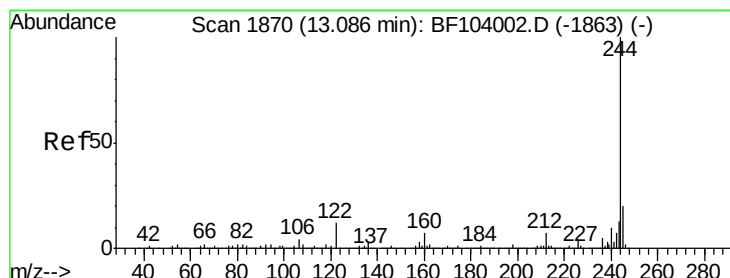
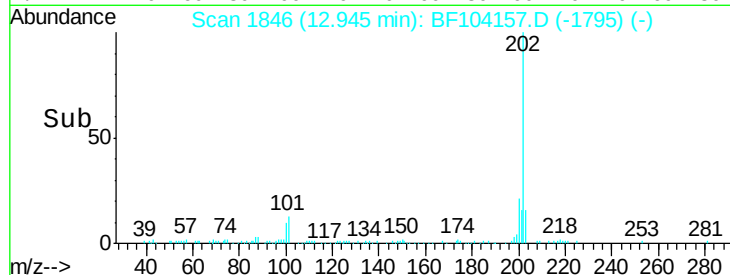
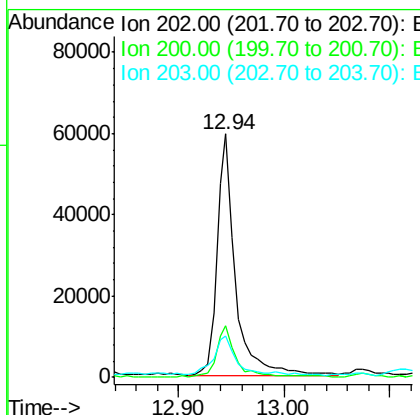
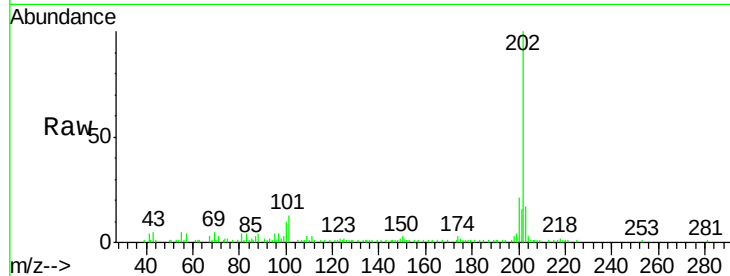
#77
Pvrene
Concen: 4.443 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Instrument :
BNA_F
ClientSampleId :
PA-02-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.2	14.3	21.5

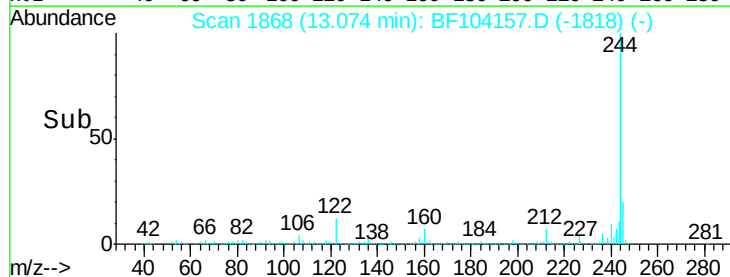
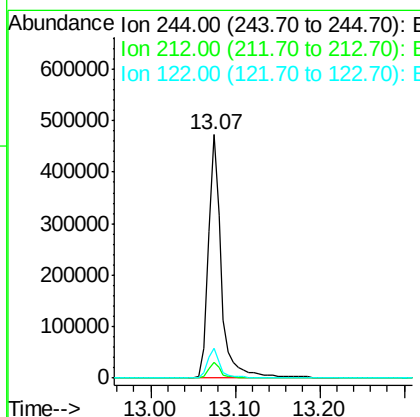
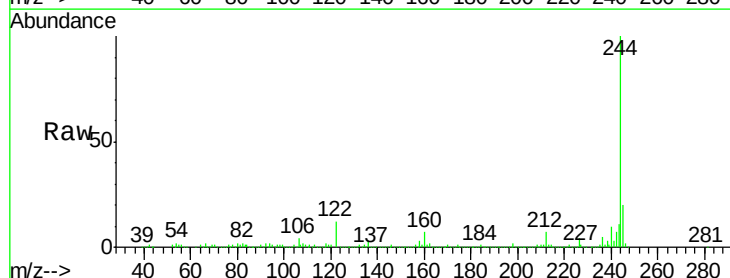
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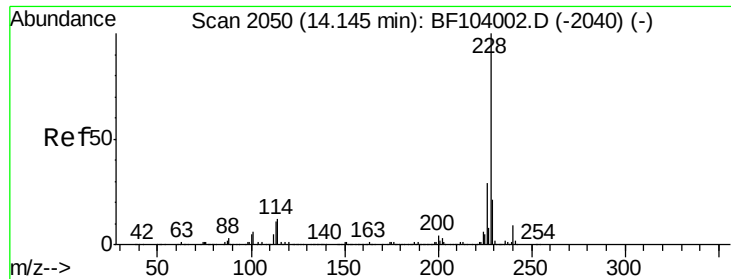
Sohil
4/3/2018 2:27:55 PM



#78
Terphenyl-d14
Concen: 51.277 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.4	11.0	16.4





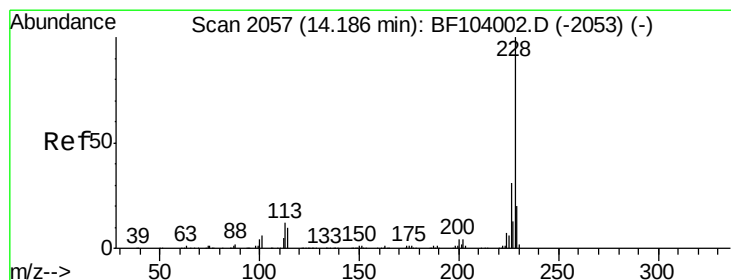
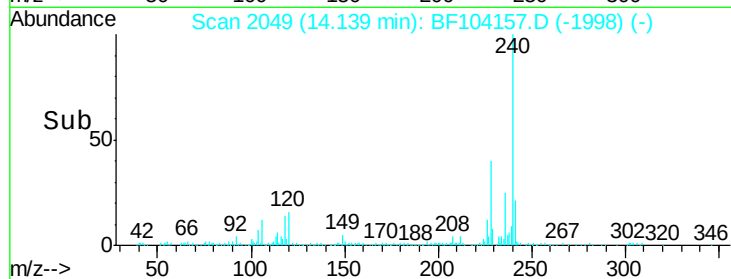
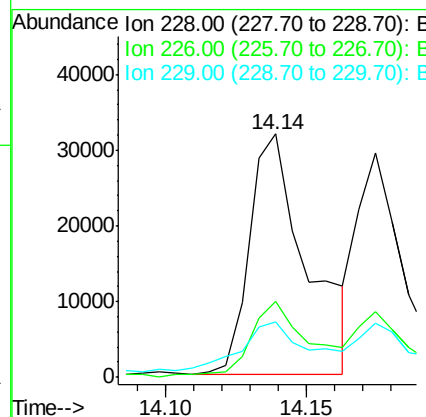
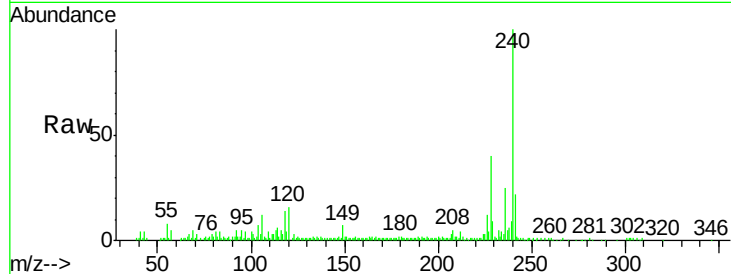
#80
Benzo(a)anthracene
Concen: 3.109 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Instrument :
BNA_F
ClientSampleId :
PA-02-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.6	33.8
229	22.8	15.8	23.6

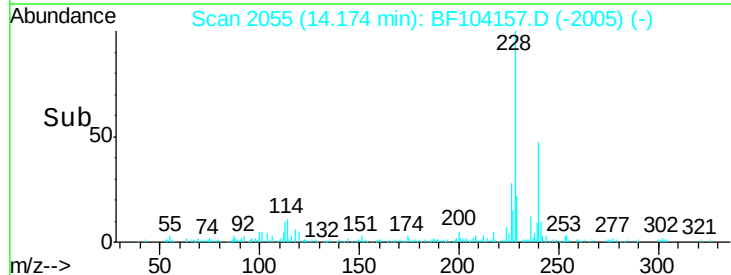
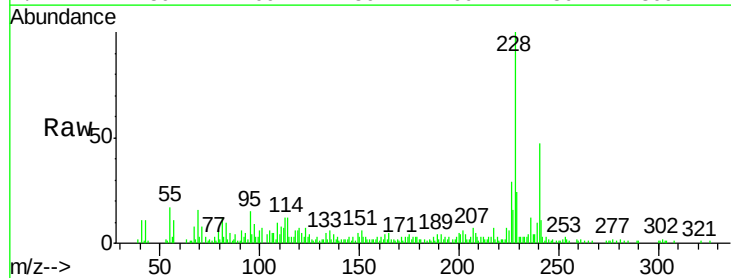
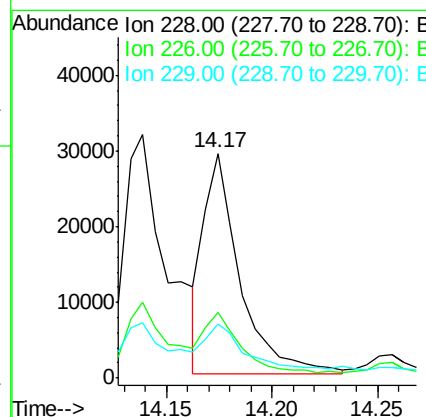
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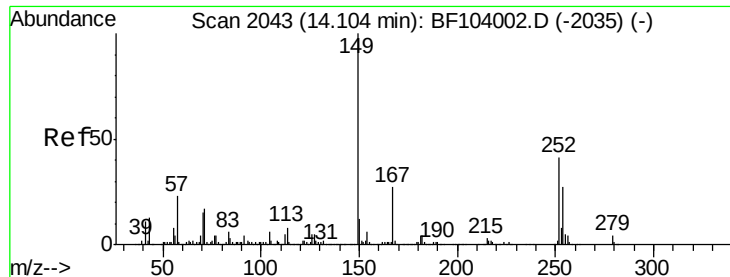
Sohil
4/3/2018 2:27:55 PM



#82
Chrysene
Concen: 2.494 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	24.0	16.2	24.4





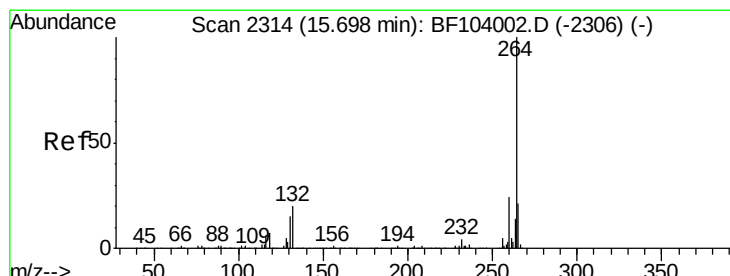
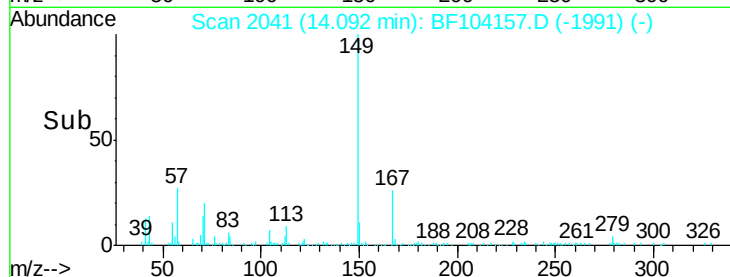
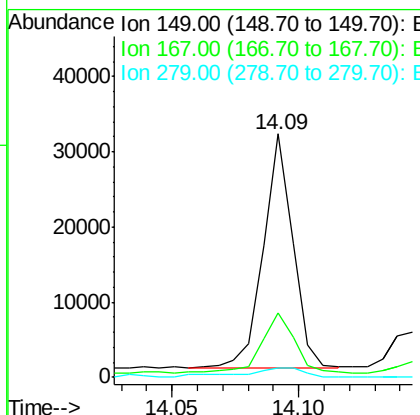
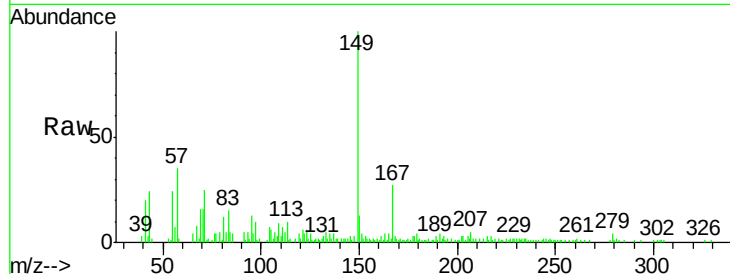
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.538 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF104157.D
 Acq: 3 Apr 2018 3:31

Instrument :
 BNA_F
 ClientSampleId :
 PA-02-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.7	3.0	4.4

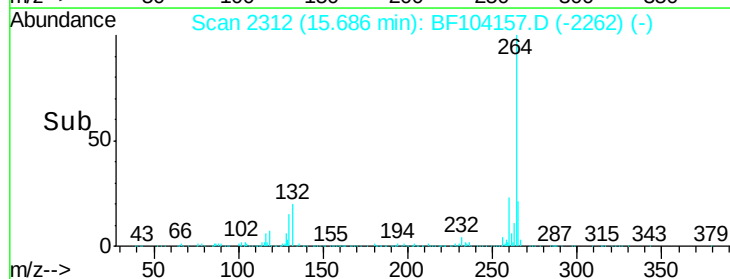
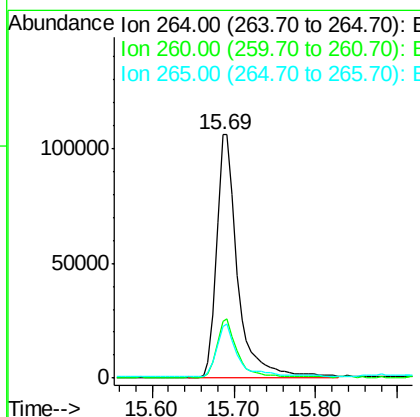
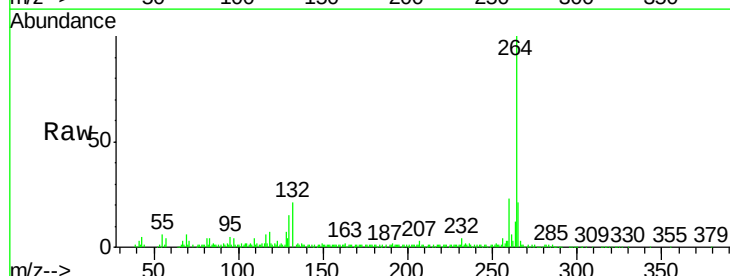
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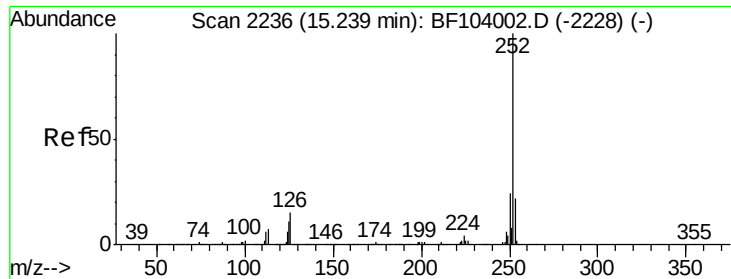
Sohil
 4/3/2018 2:27:55 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BF104157.D
 Acq: 3 Apr 2018 3:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.3	17.5	26.3





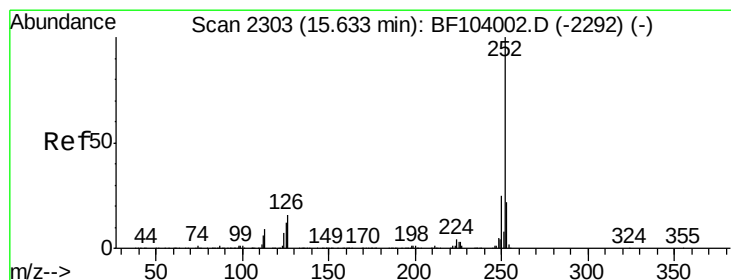
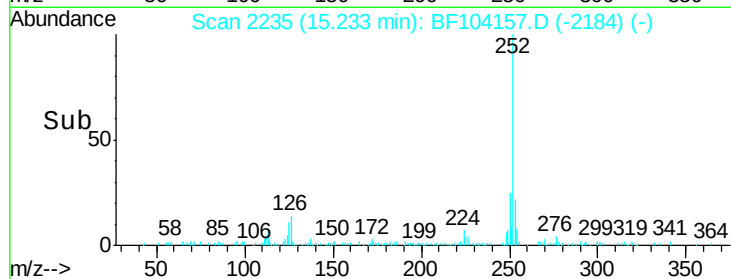
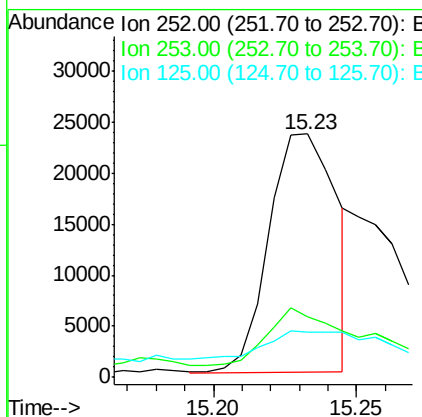
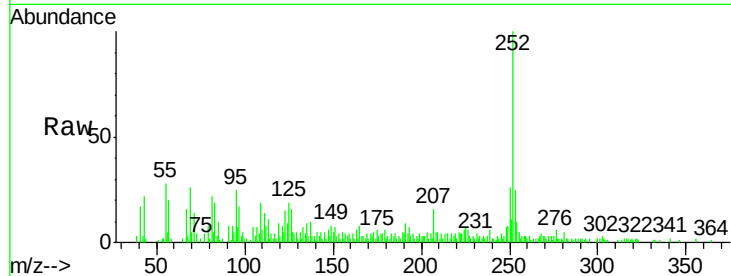
#87
Benzo(b)fluoranthene
Concen: 3.249 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Instrument :
BNA_F
ClientSampleId :
PA-02-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	18.6	9.0	13.6

Manual Integrations
APPROVED

Sohil
4/3/2018 2:27:55 PM



#89
Benzo(a)pyrene
Concen: 2.893 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF104157.D
Acq: 3 Apr 2018 3:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	23.7	9.8	14.6

