

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103803.D
 Acq On : 20 Mar 2018 15:46
 Operator : JU/SJ
 Sample : J1821-04RX
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-4-5-201802

Manual Integrations
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 3/20/2018 7:06:31 PM

Quant Time: Mar 20 18:18:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	179419	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	787399	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	345442	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	611077	20.00	ng	0.00
75) Chrysene-d12	14.16	240	476556	20.00	ng	0.00
86) Perylene-d12	15.69	264	377397	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	79430	6.73	ng	0.02
7) Phenol-d6	6.58	99	275227	19.07	ng	0.00
23) Nitrobenzene-d5	7.53	82	507300	44.93	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	14375	4.84	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	944764	43.63	ng	0.00
78) Terphenyl-d14	13.09	244	1150796	56.05	ng	0.00
Target Compounds						
70) Phenanthrene	11.53	178	70972	2.123	ng	98
73) Di-n-butylphthalate	12.06	149	1174384	29.660	ng	100
74) Fluoranthene	12.73	202	164353	4.772	ng	97
77) Pyrene	12.95	202	162427	4.641	ng	99
80) Benzo(a)anthracene	14.14	228	84151m	2.790	ng	
82) Chrysene	14.18	228	76894	2.674	ng	97
83) Bis(2-ethylhexyl)phthalate	14.12	149	74456	3.361	ng	99
87) Benzo(b)fluoranthene	15.23	252	88871m	3.727	ng	
89) Benzo(a)pyrene	15.62	252	63088	2.917	ng	# 93
91) Benzo(g,h,i)perylene	17.73	276	41050	2.253	ng	95

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

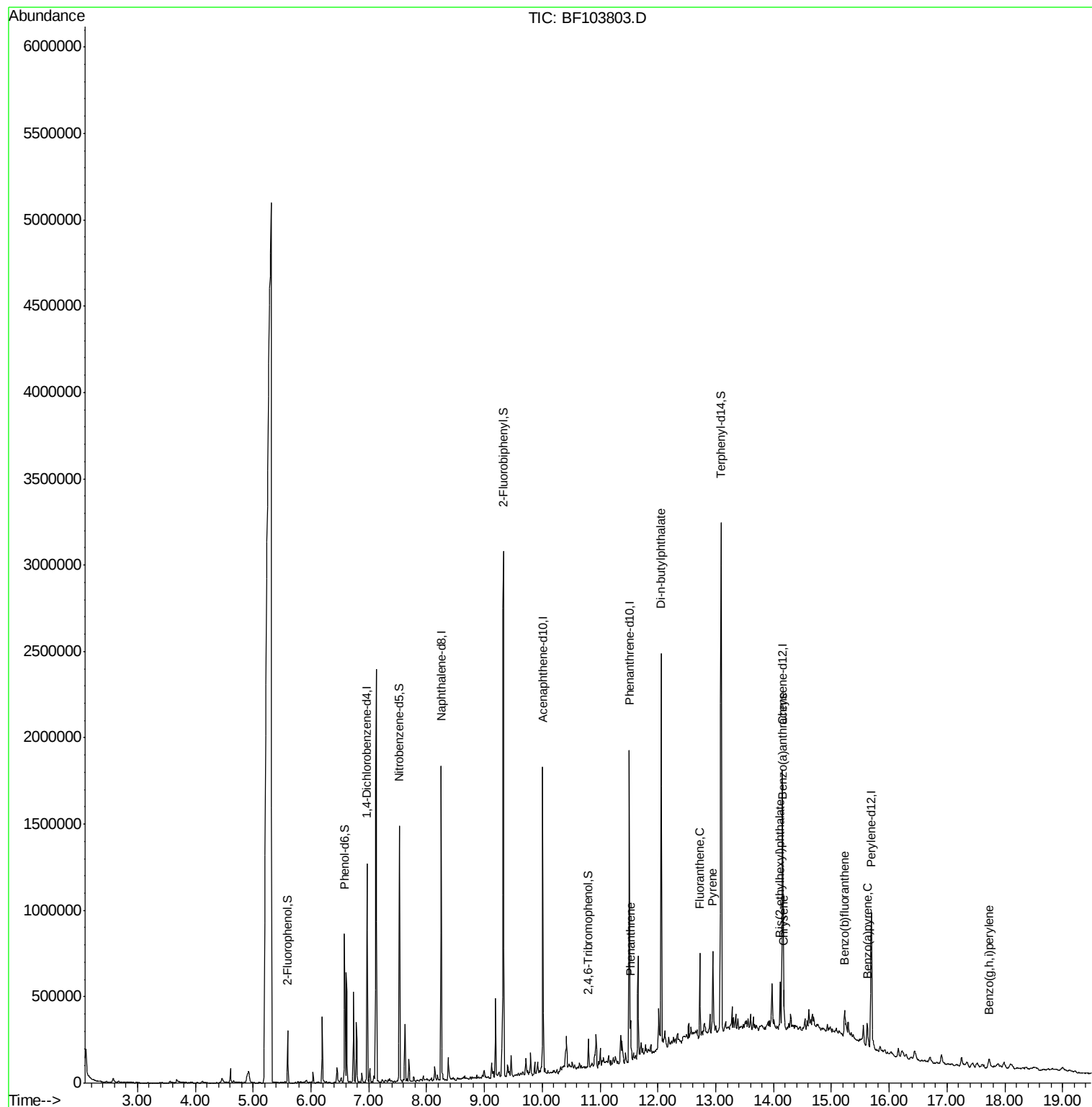
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103803.D
Acq On : 20 Mar 2018 15:46
Operator : JU/SJ
Sample : J1821-04RX
Misc :
ALS Vial : 6 Sample Multiplier: 1

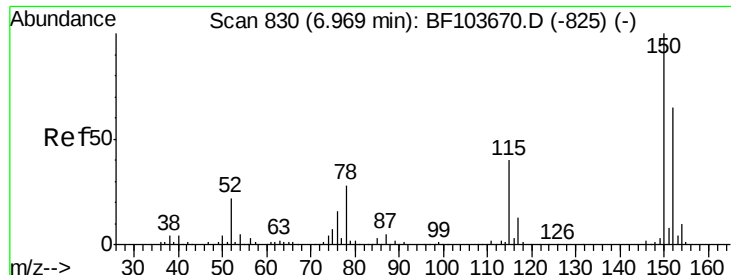
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

Manual Integrations
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Quant Time: Mar 20 18:18:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

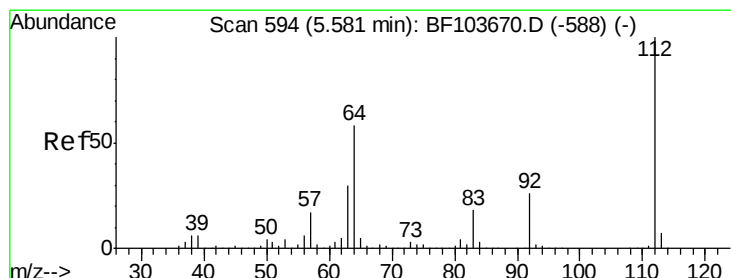
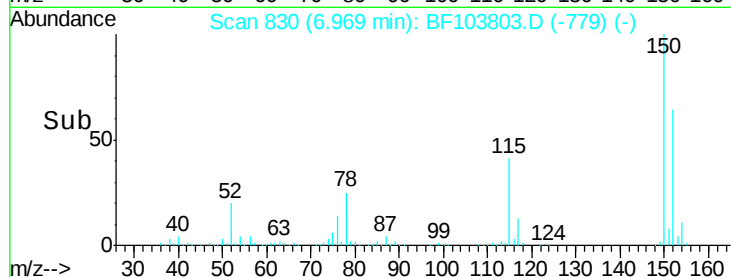
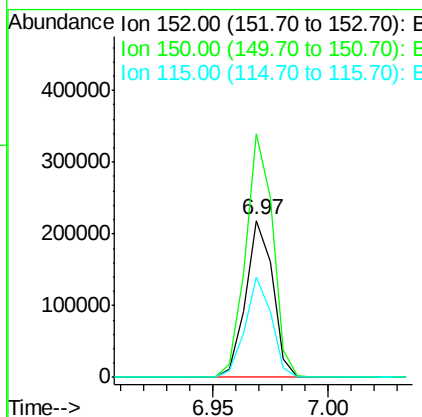
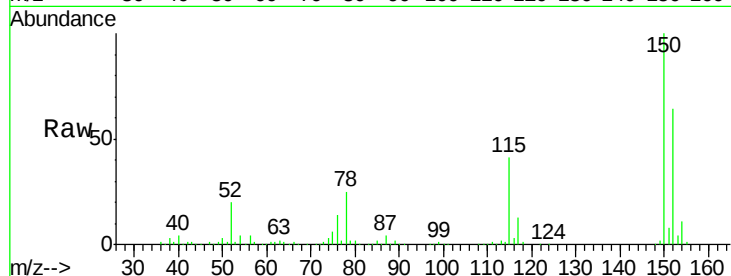
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	63.8	50.1	75.1

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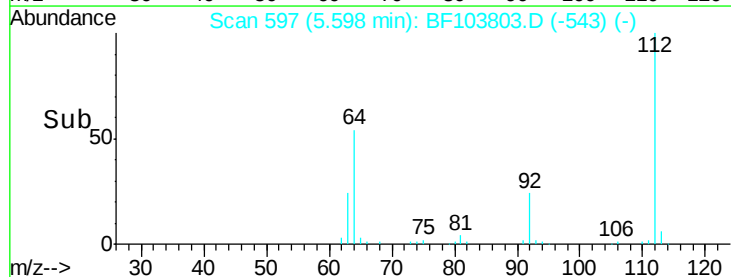
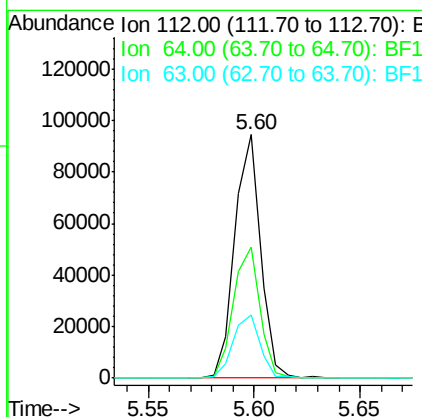
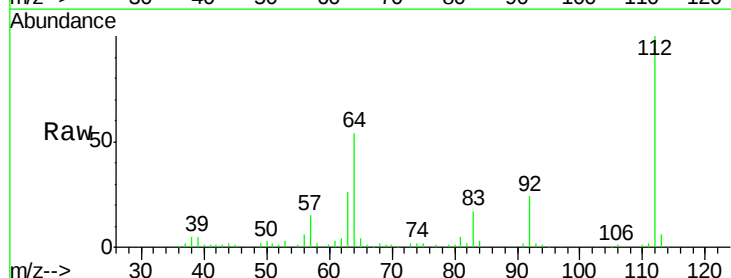
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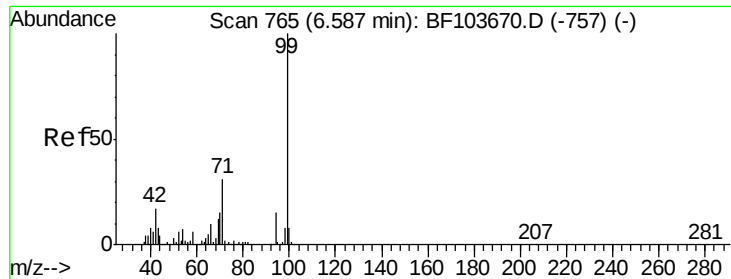


#5

2-Fluorophenol
Concen: 6.734 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.9	71.9
63	26.1	23.7	35.5





#7

Phenol-d6

Concen: 19.071 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103803.D

Acq: 20 Mar 2018 15:46

Instrument :

BNA_F

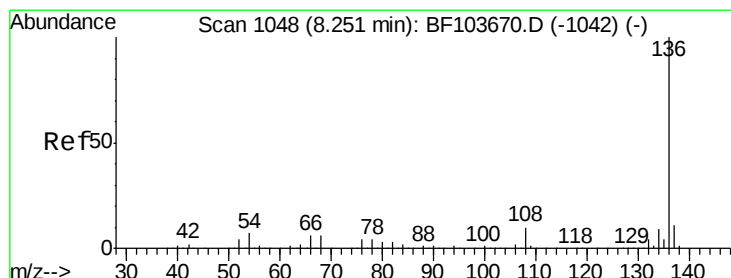
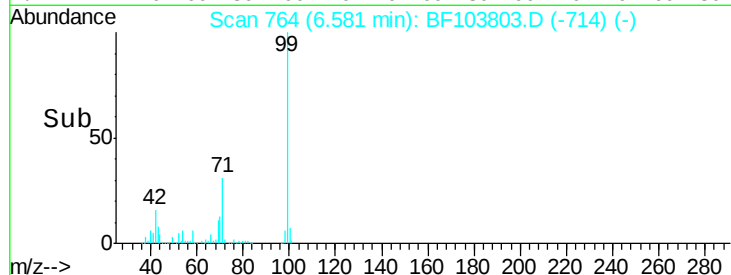
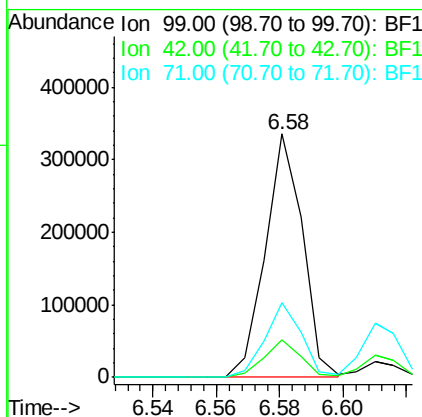
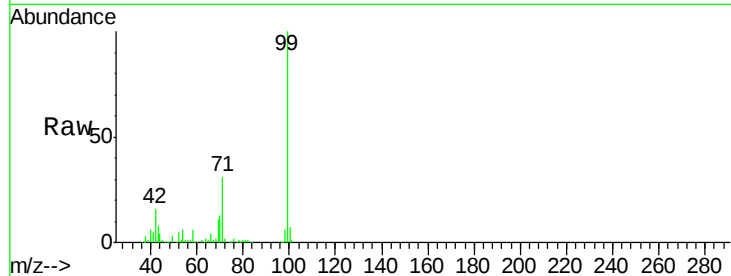
ClientSampleId :

AMENDED-COMPOSITE-4-5-201802

Tot Ion:	99	Resp:	275227
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	30.8	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

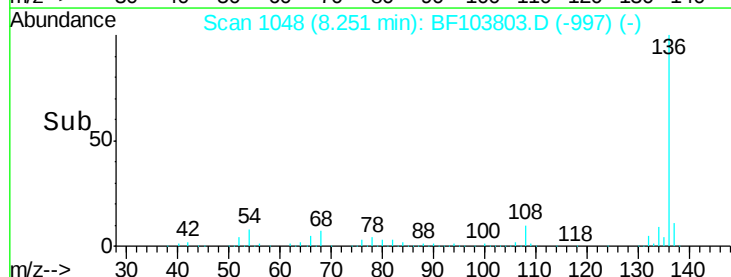
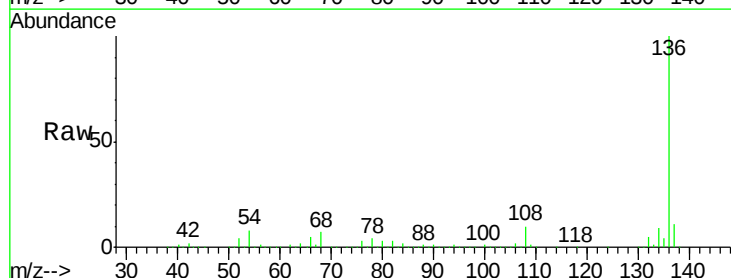
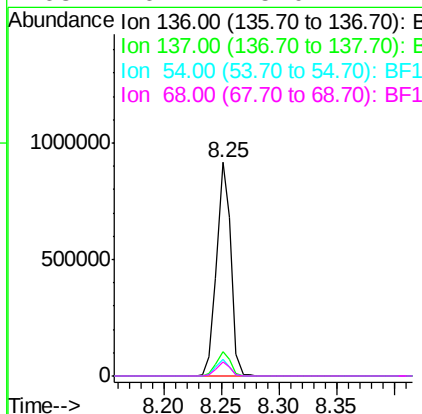
RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103803.D

Acq: 20 Mar 2018 15:46

Tgt Ion:	136	Resp:	787399
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.7	6.6	9.8
68	6.7	5.0	7.4





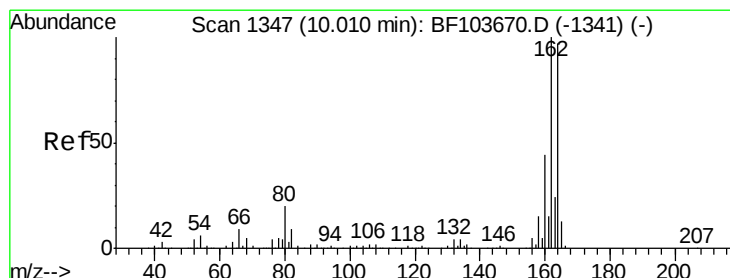
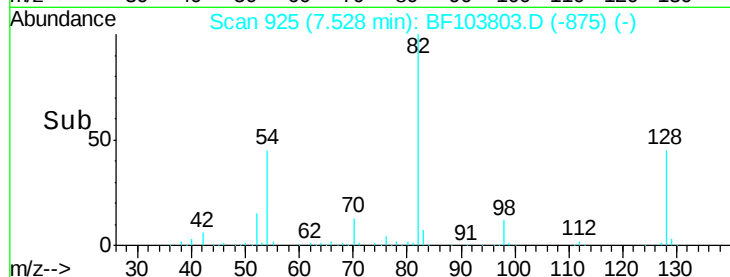
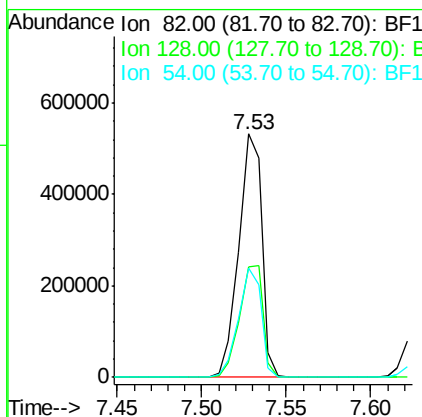
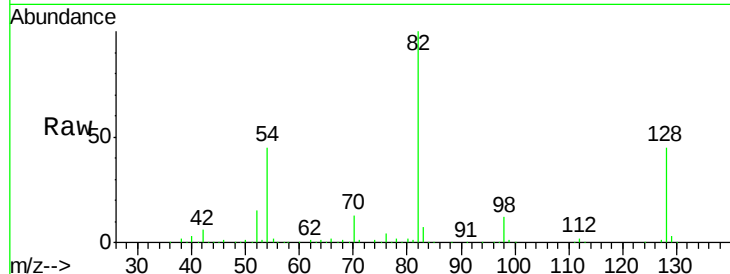
#23
 Nitrobenzene-d5
 Concen: 44.929 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103803.D
 Acq: 20 Mar 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	44.8	41.4	62.2

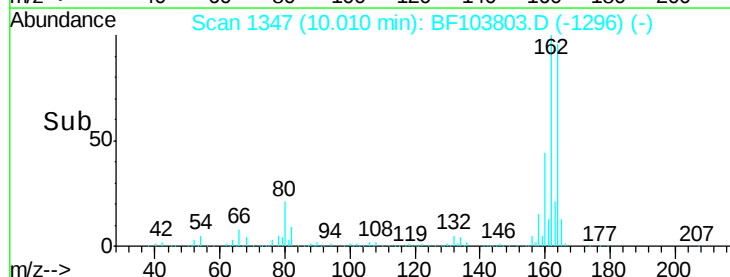
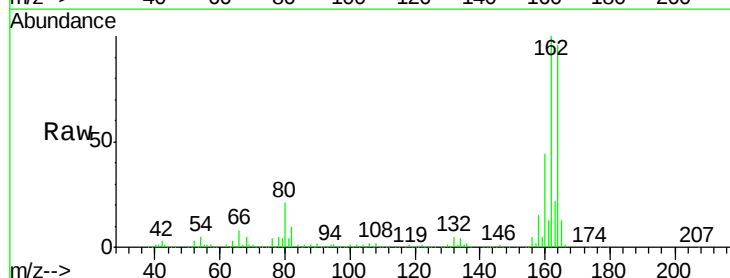
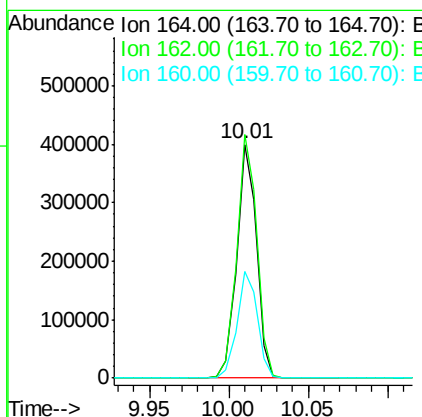
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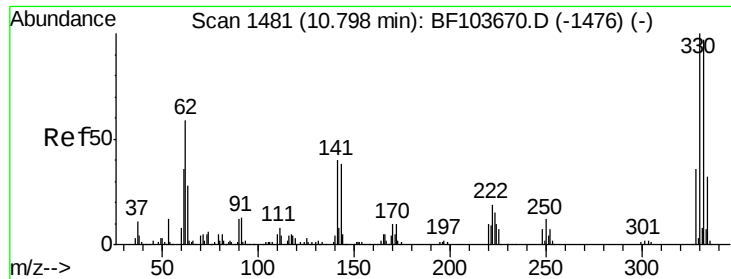
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF103803.D
 Acq: 20 Mar 2018 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.6	38.3	57.5





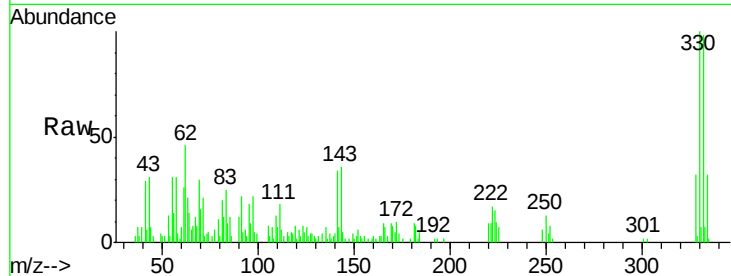
#41
 2,4,6-Tribromophenol
 Concen: 4.840 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103803.D
 Acq: 20 Mar 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-4-5-201802

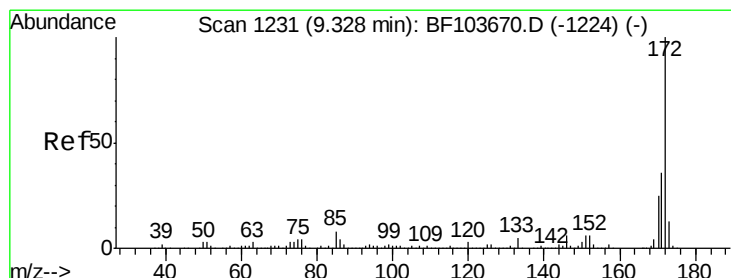
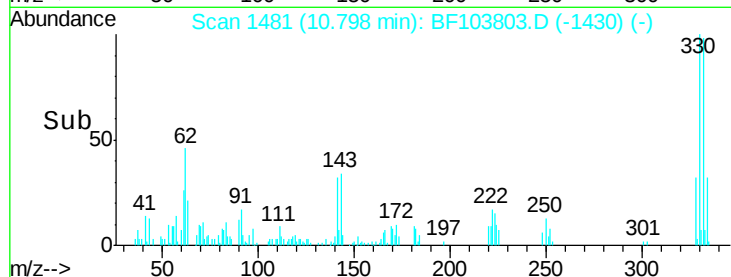
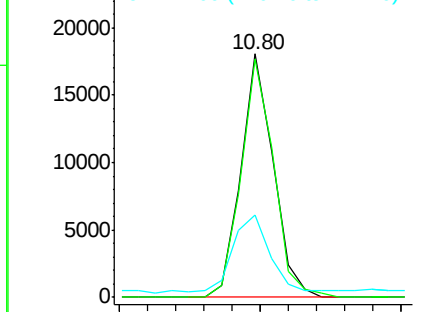
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	34.8	29.9	44.9

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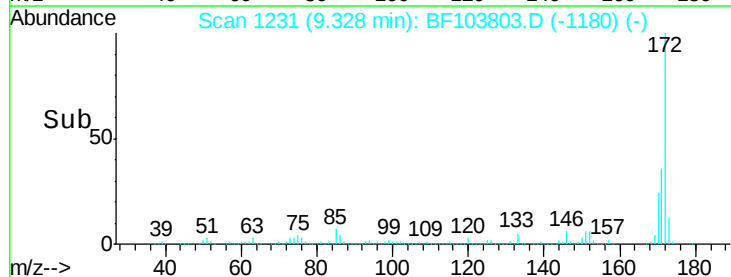
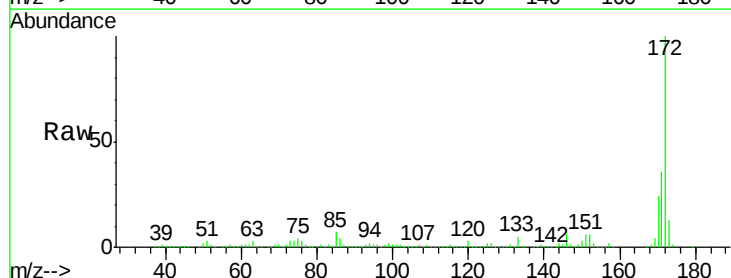
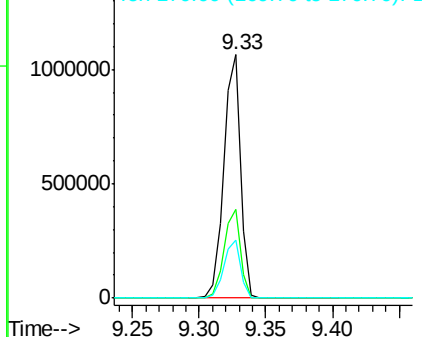
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

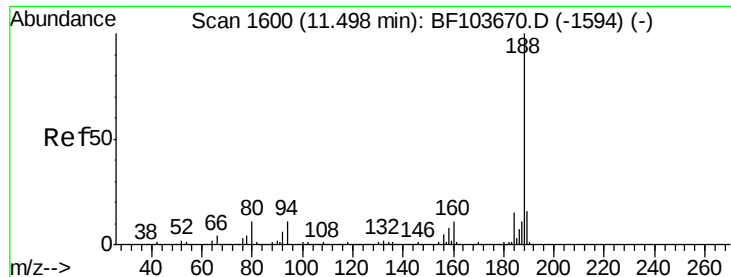


#44
 2-Fluorobiphenyl
 Concen: 43.626 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103803.D
 Acq: 20 Mar 2018 15:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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





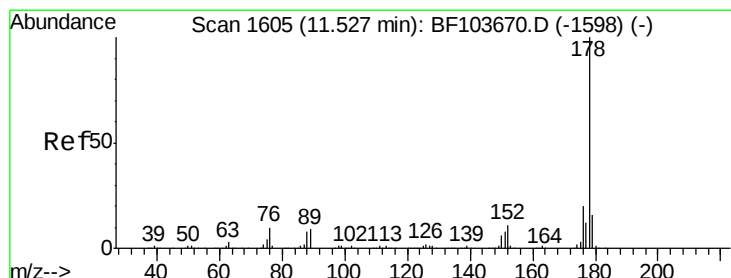
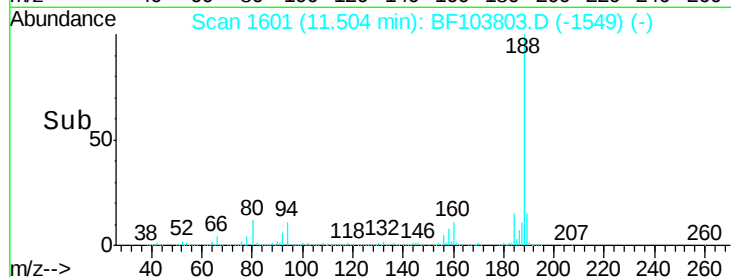
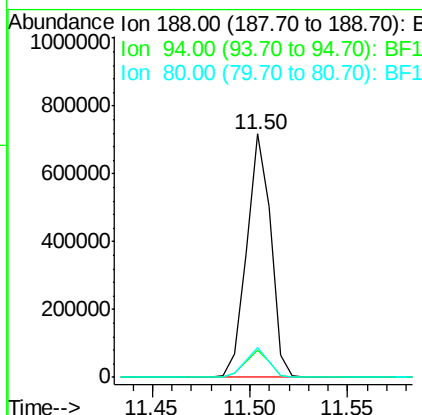
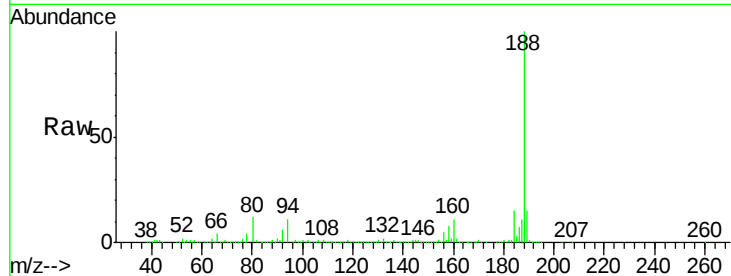
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Resp	Lower	Upper
188	100	611077		
94	11.4		8.5	12.7
80	12.0		9.2	13.8

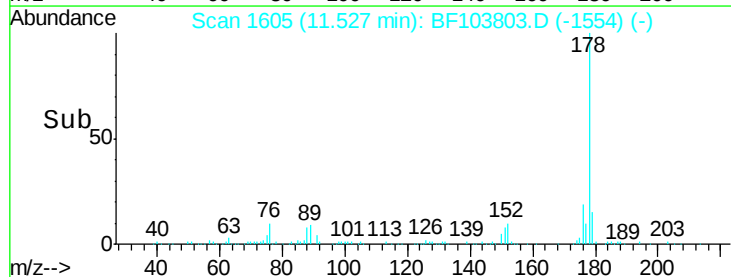
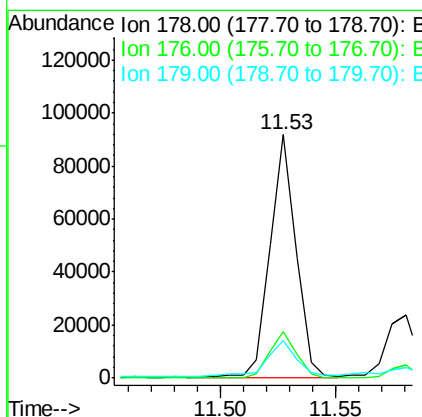
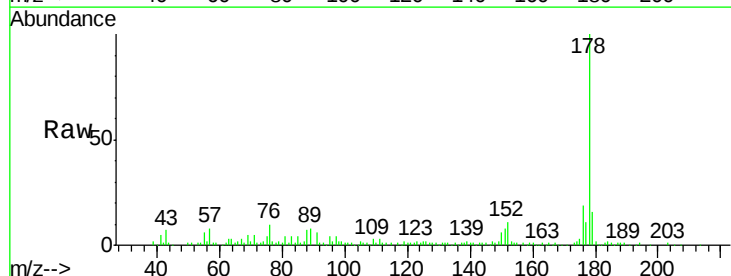
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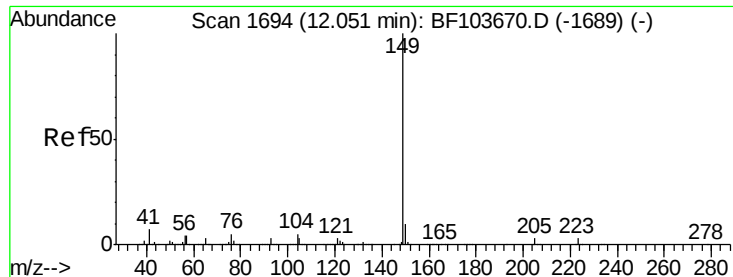
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#70
Phenanthrene
Concen: 2.123 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	70972		
176	18.9		15.8	23.8
179	15.7		13.0	19.6





#73

Di-n-butylphthalate

Concen: 29.660 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103803.D

Acq: 20 Mar 2018 15:46

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-4-5-201802

Tot Ion:149 Resp: 1174384

Ion Ratio Lower Upper

149 100

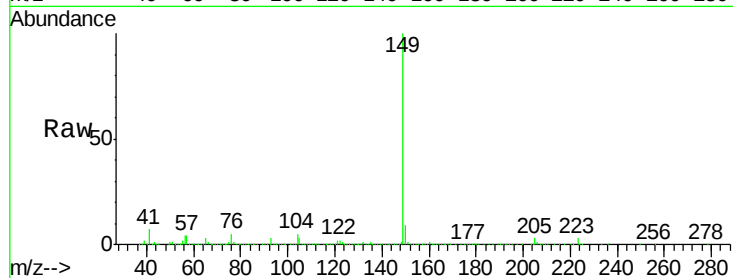
150 9.4 7.8 11.6

104 4.8 3.8 5.8

Manual Integrations
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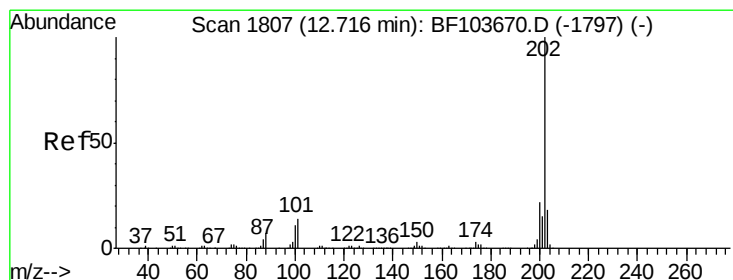
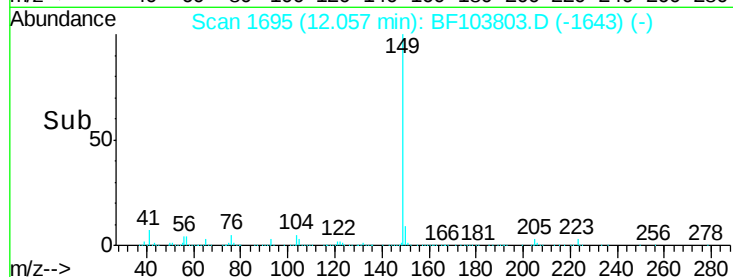
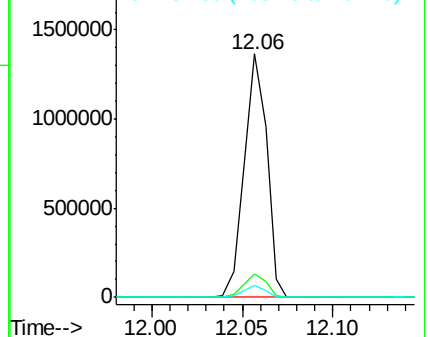
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 4.772 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103803.D

Acq: 20 Mar 2018 15:46

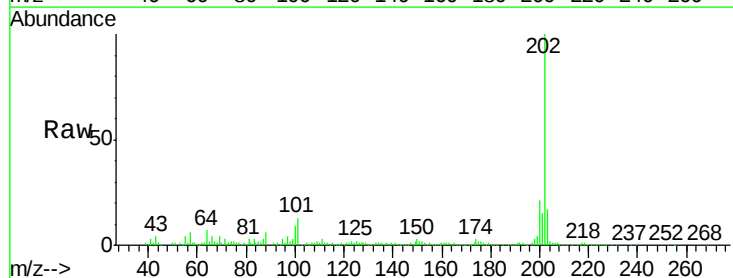
Tgt Ion:202 Resp: 164353

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

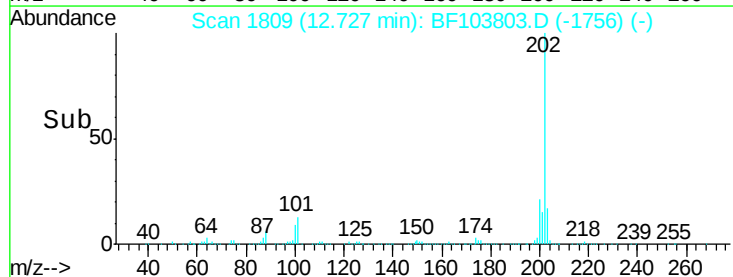
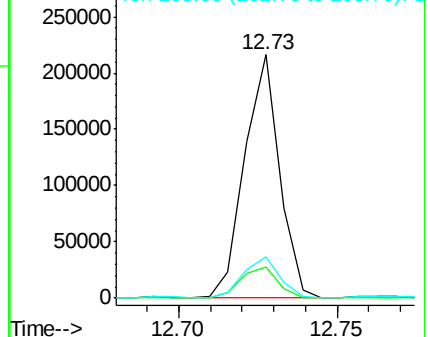
203 16.8 0.0 38.1

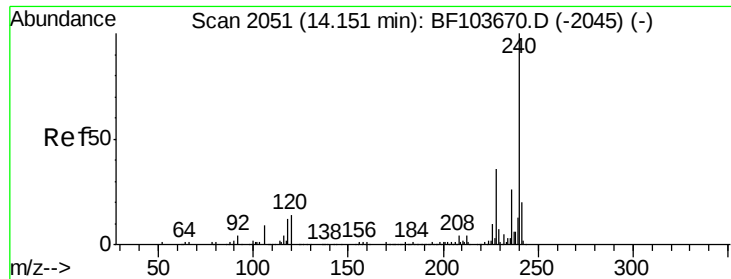


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103803.D

Acq: 20 Mar 2018 15:46

Instrument :

BNA_F

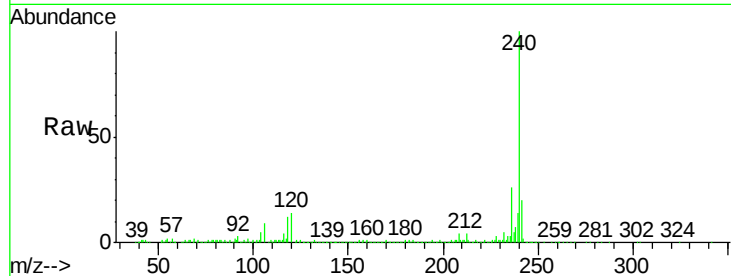
ClientSampleId :

AMENDED-COMPOSITE-4-5-201802

Tot Ion:	240	Resp:	476556
Ion Ratio	Lower	Upper	
240	100		
120	13.6	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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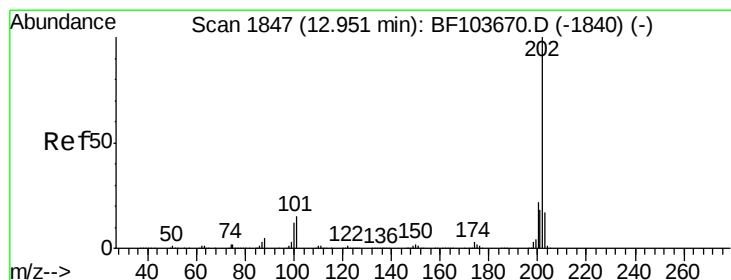
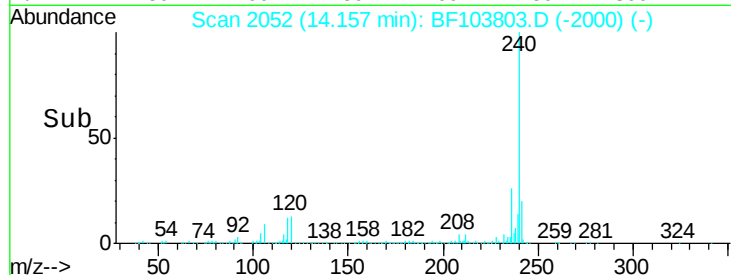
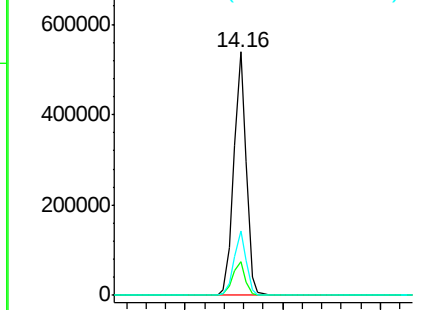
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.641 ng

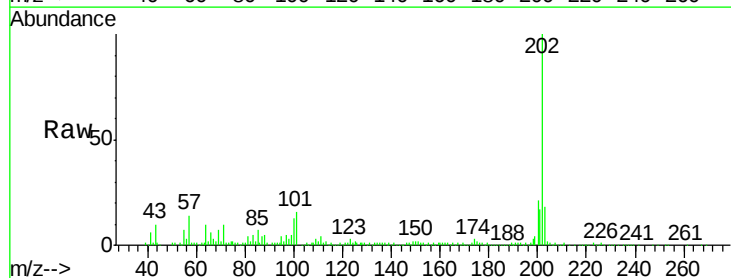
RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF103803.D

Acq: 20 Mar 2018 15:46

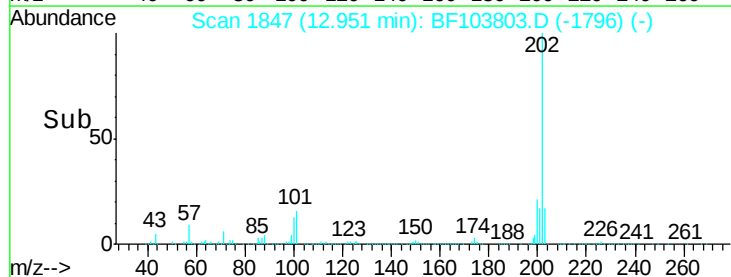
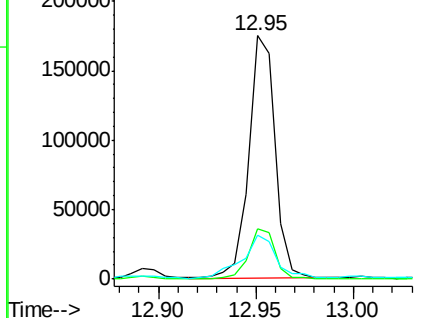
Tgt Ion:	202	Resp:	162427
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	17.8	14.3	21.5

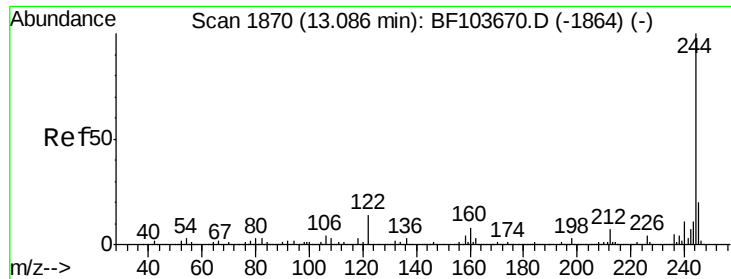


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





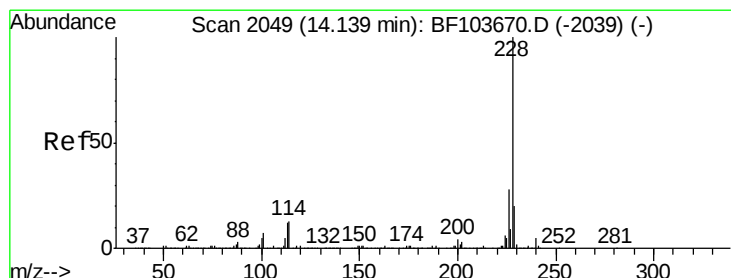
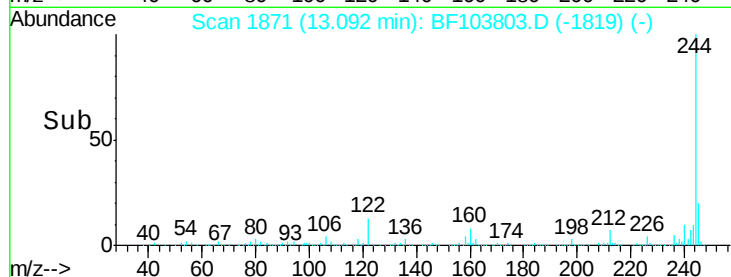
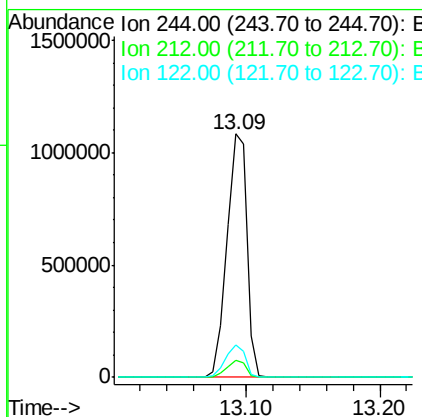
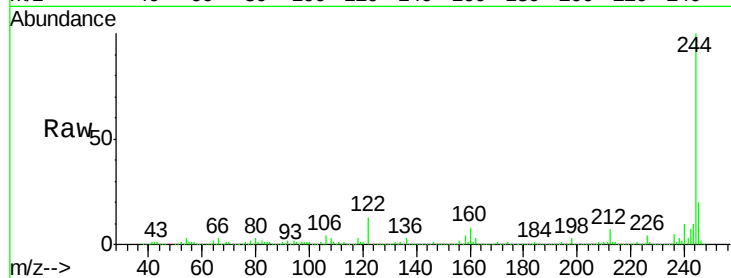
#78
 Terphenyl-d14
 Concen: 56.051 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103803.D
 Acq: 20 Mar 2018 15:46

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4

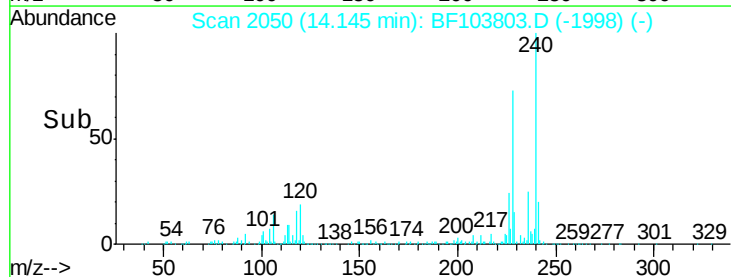
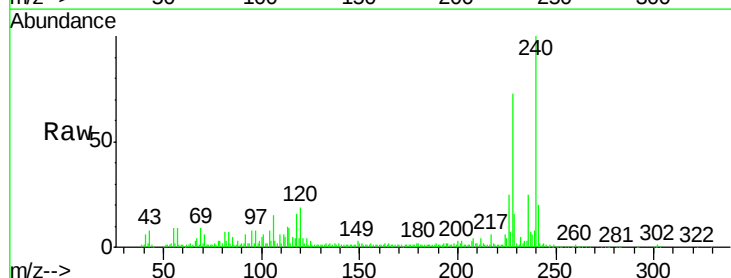
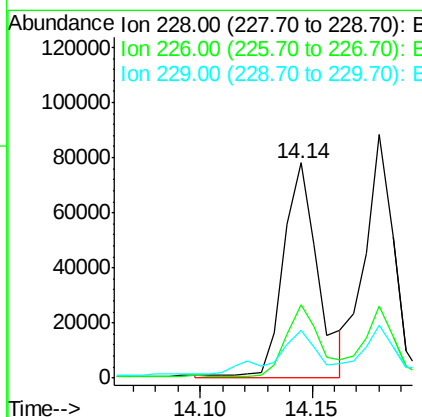
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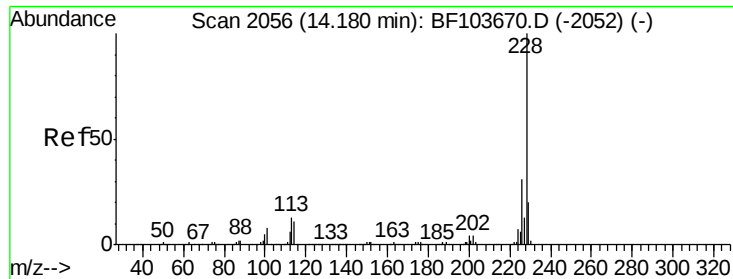
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#80
 Benzo(a)anthracene
 Concen: 2.790 ng m
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF103803.D
 Acq: 20 Mar 2018 15:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	22.6	33.8#
229	22.0	15.8	23.6





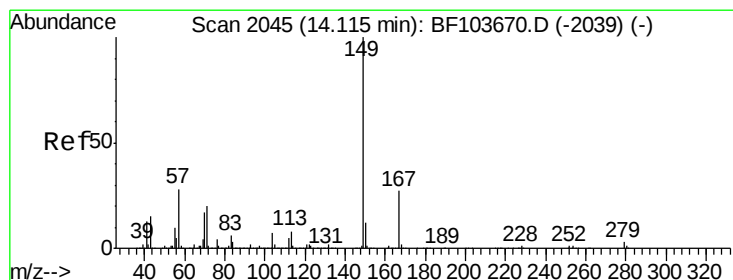
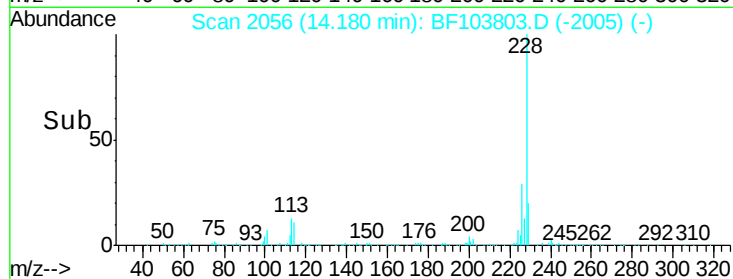
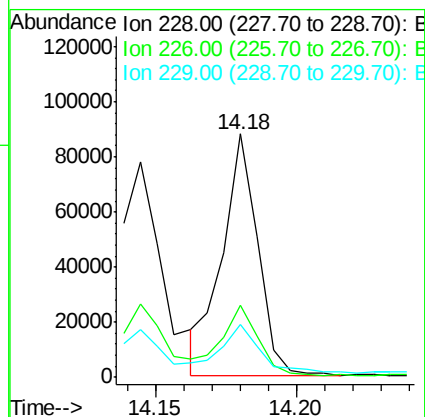
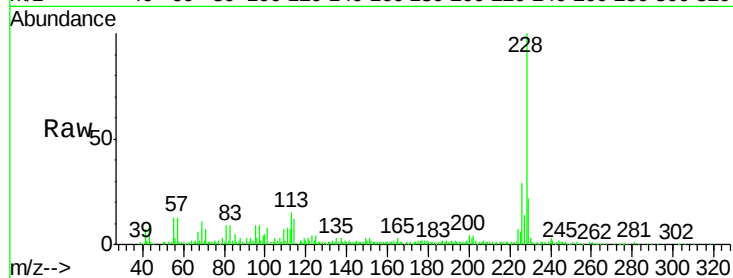
#82
Chrysene
Concen: 2.674 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

Tot Ion:	228	Resp:	76894
Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	21.8	16.2	24.4

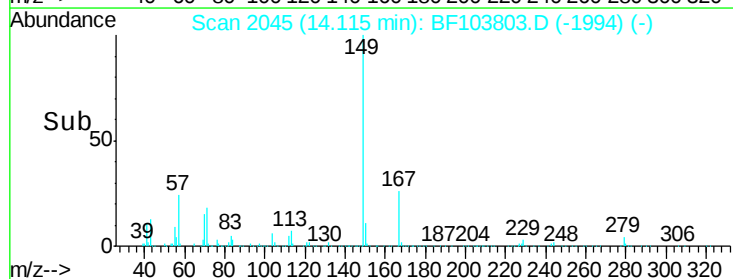
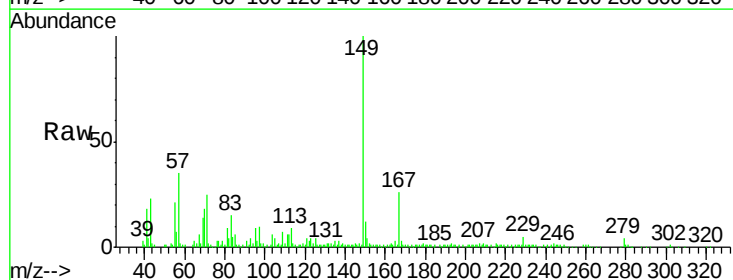
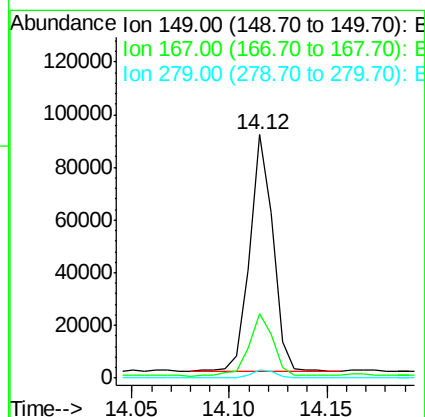
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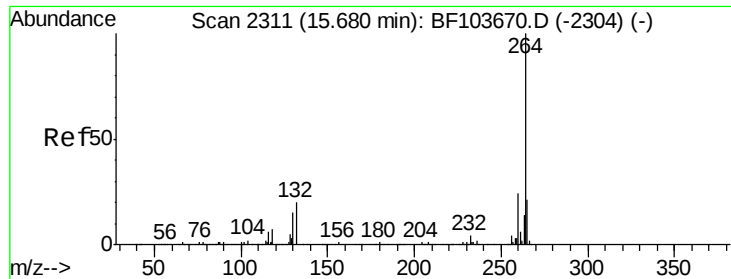
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#83
Bis(2-ethylhexyl)phthalate
Concen: 3.361 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Tgt Ion:	149	Resp:	74456
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.5	3.0	4.4





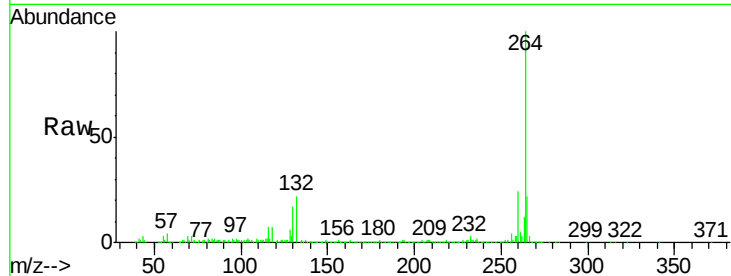
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

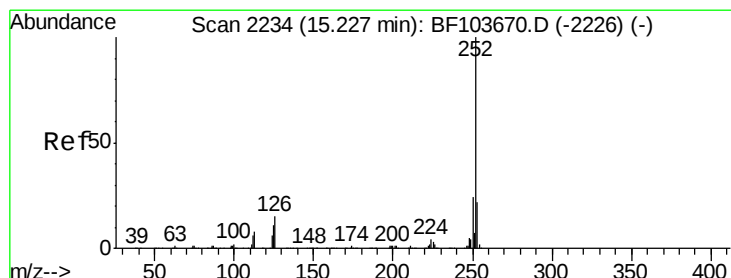
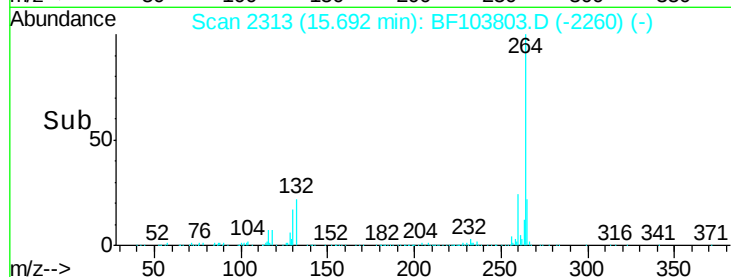
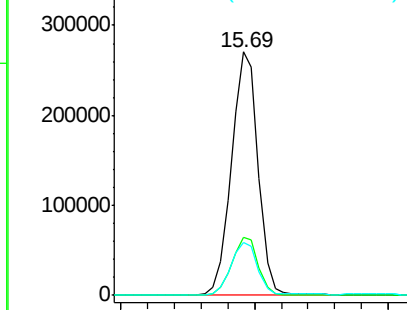
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3

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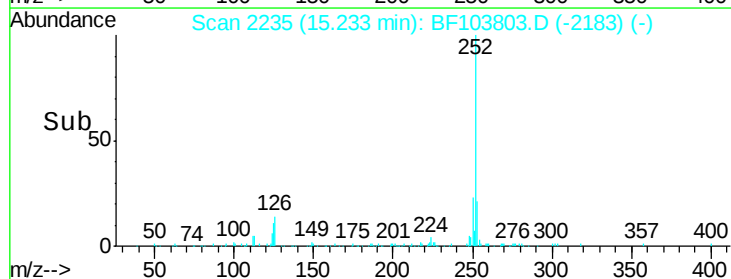
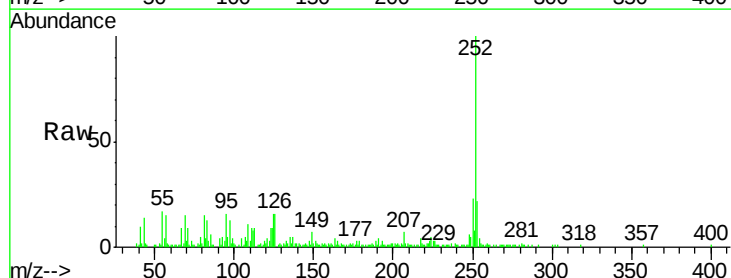
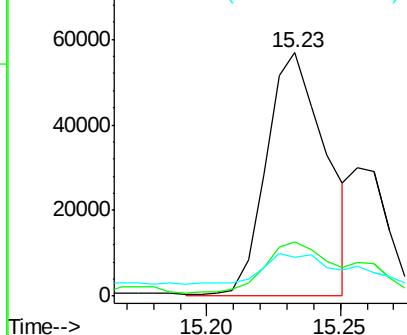
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

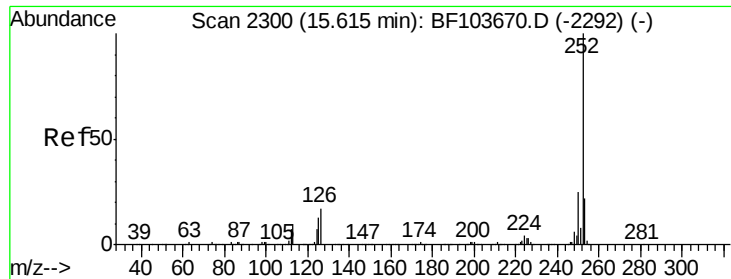


#87
Benzo(b)fluoranthene
Concen: 3.727 ng m
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	16.1	9.0	13.6#

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





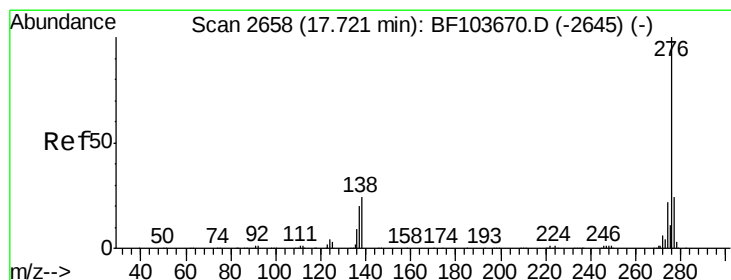
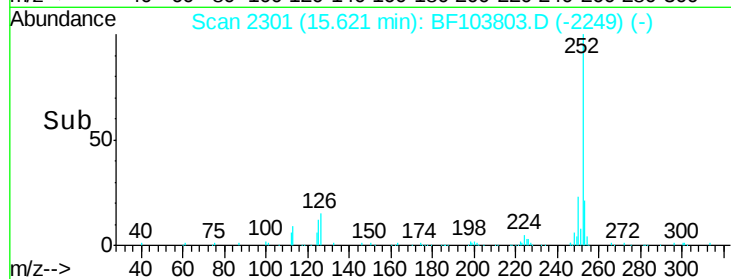
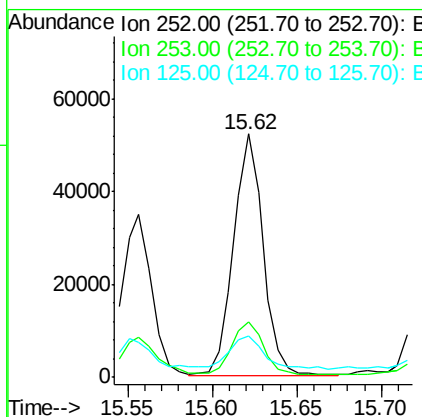
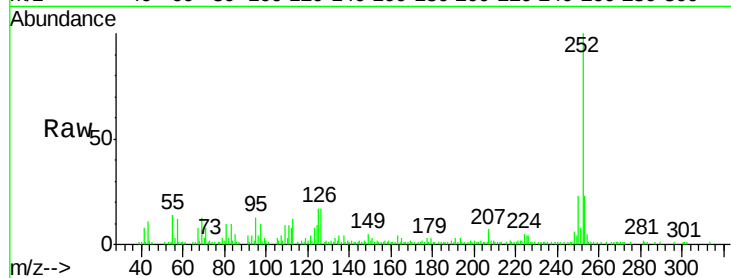
#89
Benzo(a)pyrene
Concen: 2.917 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-4-5-201802

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	17.1	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 2.253 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.01 min
Lab File: BF103803.D
Acq: 20 Mar 2018 15:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	30.6	21.8	32.8

