

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103802.D
 Acq On : 20 Mar 2018 15:19
 Operator : JU/SJ
 Sample : J1821-03RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-1-3-201802

Manual Integrations
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 3/20/2018 7:06:29 PM

Quant Time: Mar 20 18:09:12 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	189236	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	711913	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	336363	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	634731	20.00	ng	0.00
75) Chrysene-d12	14.16	240	478462	20.00	ng	0.00
86) Perylene-d12	15.70	264	376588	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	19350	1.56	ng	0.00
7) Phenol-d6	6.58	99	199189	13.09	ng	0.00
23) Nitrobenzene-d5	7.53	82	453720	44.44	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	985	0.34	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	939829	44.57	ng	0.00
78) Terphenyl-d14	13.10	244	1138205	55.22	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
70) Phenanthrene	11.53	178	77294	2.226	ng	98
73) Di-n-butylphthalate	12.06	149	1513612	36.803	ng	99
74) Fluoranthene	12.73	202	171795	4.803	ng	99
77) Pyrene	12.95	202	166104	4.727	ng	97
80) Benzo(a)anthracene	14.14	228	86616	2.860	ng	95
82) Chrysene	14.18	228	83161	2.880	ng	96
83) Bis(2-ethylhexyl)phthalate	14.12	149	88655	3.986	ng	99
87) Benzo(b)fluoranthene	15.23	252	99650m	4.188	ng	
89) Benzo(a)pyrene	15.63	252	65237	3.023	ng	# 91
91) Benzo(g,h,i)perylene	17.74	276	42784	2.354	ng	97

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

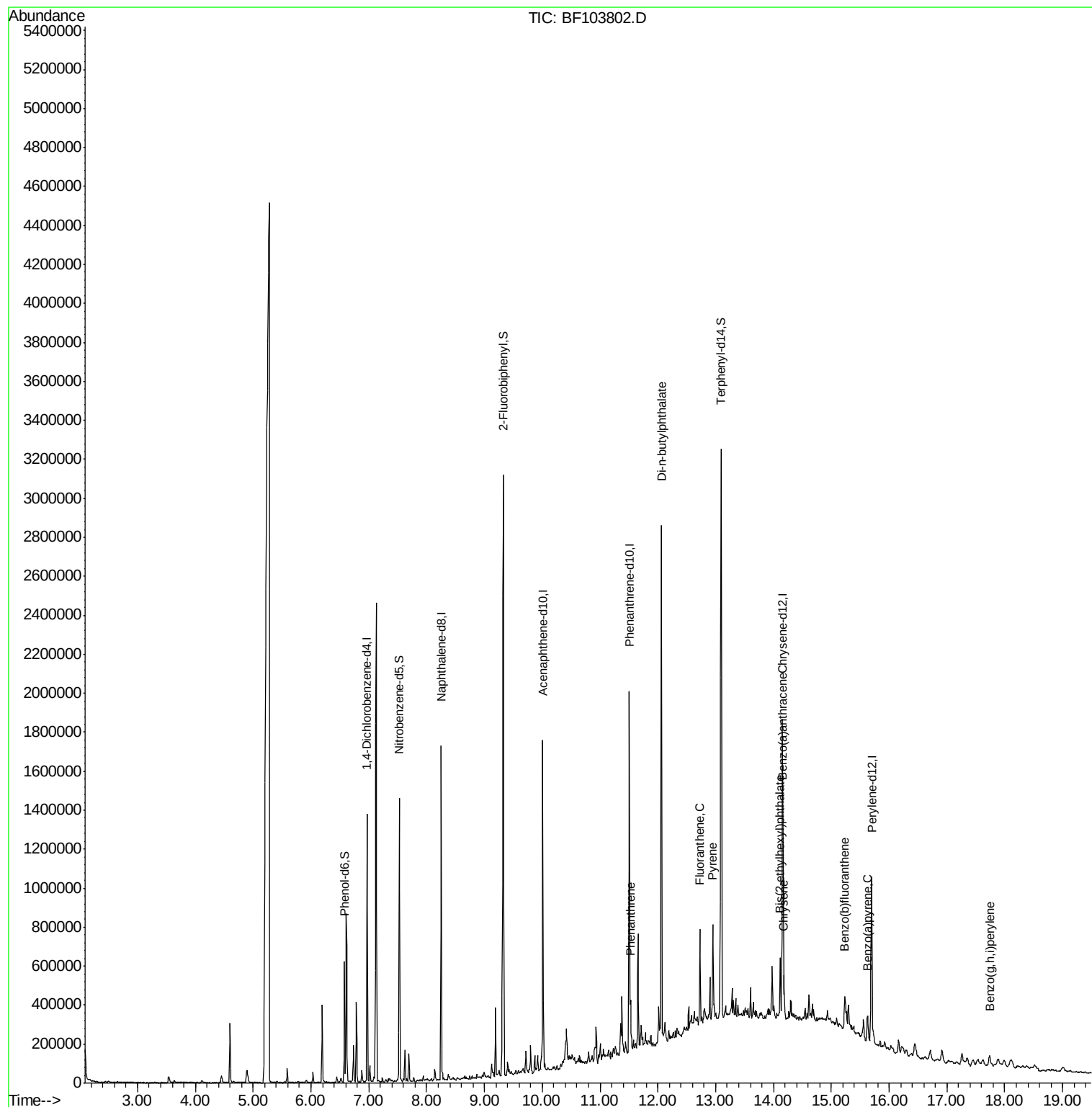
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103802.D
Acq On : 20 Mar 2018 15:19
Operator : JU/SJ
Sample : J1821-03RX
Misc :
ALS Vial : 5 Sample Multiplier: 1

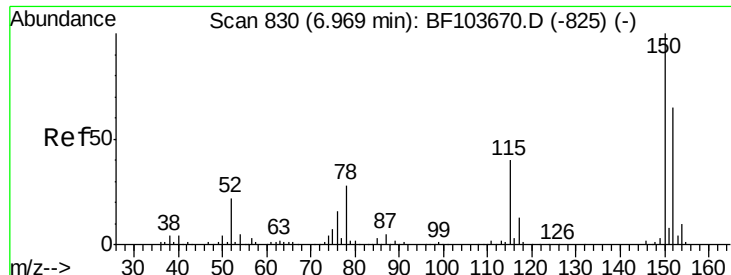
Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Manual Integrations
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Quant Time: Mar 20 18:09:12 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





#1

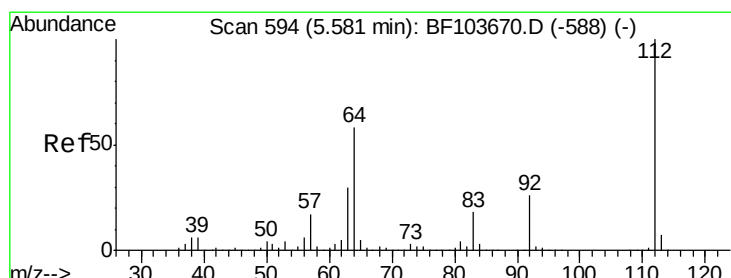
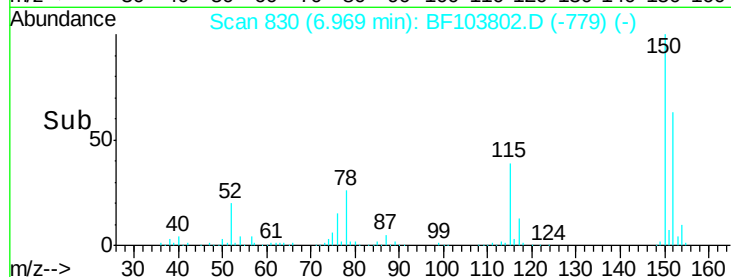
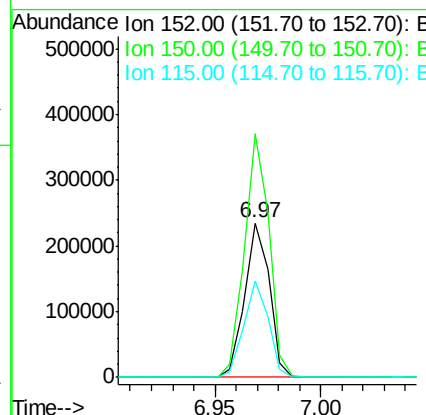
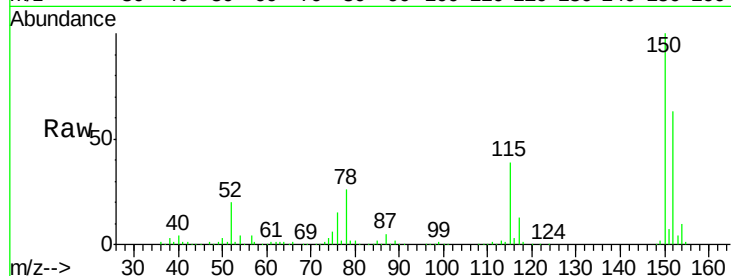
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	62.2	50.1	75.1

Manual Integrations
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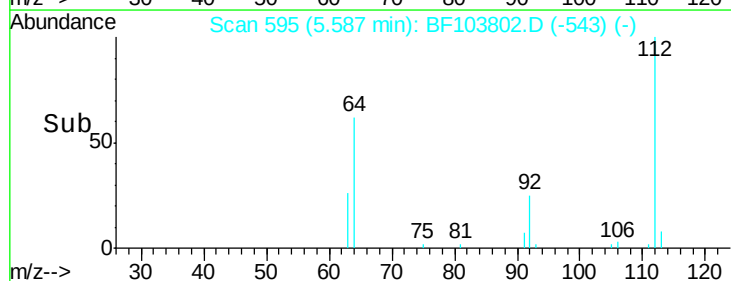
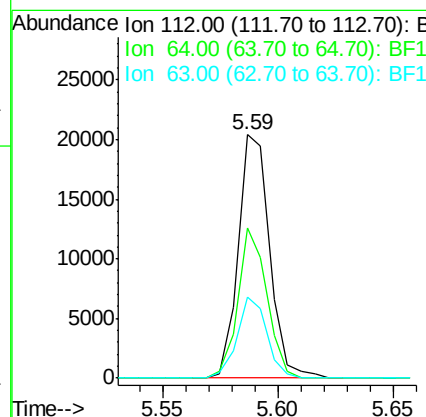
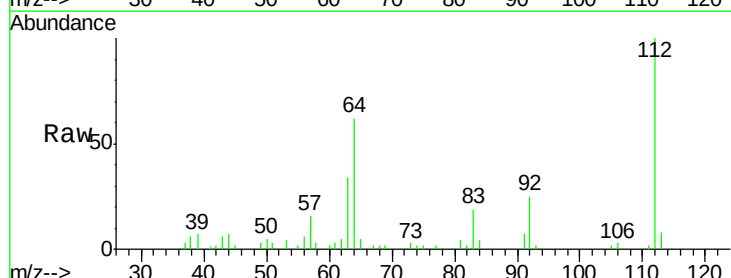
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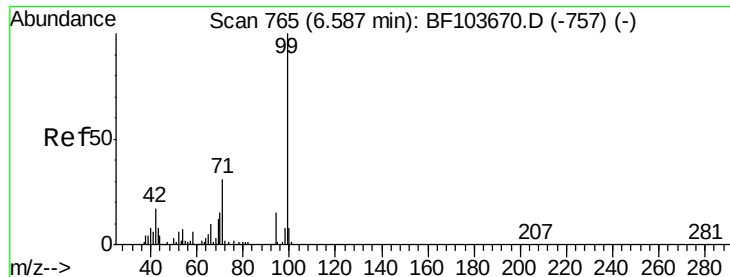


#5

2-Fluorophenol
Concen: 1.555 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	47.9	71.9
63	33.5	23.7	35.5





#7

Phenol-d6

Concen: 13.086 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF103802.D

Acq: 20 Mar 2018 15:19

Instrument :

BNA_F

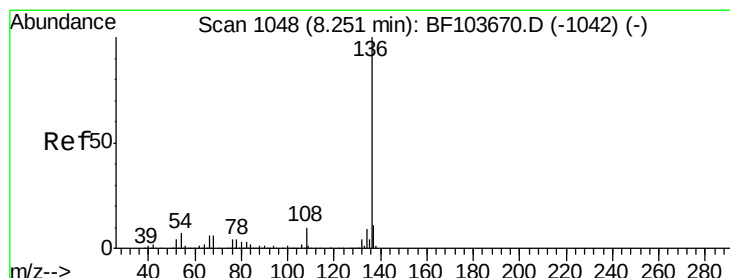
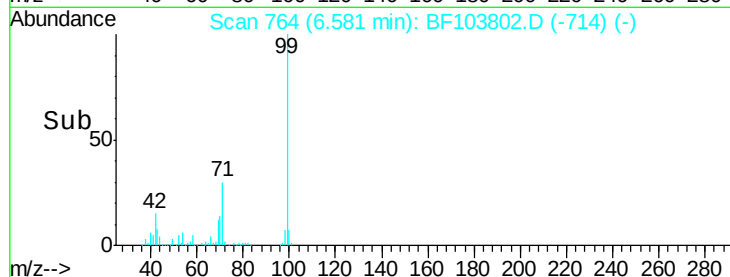
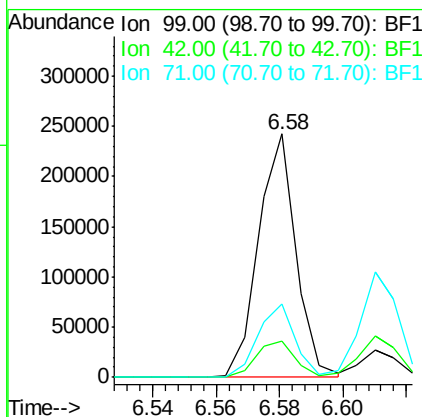
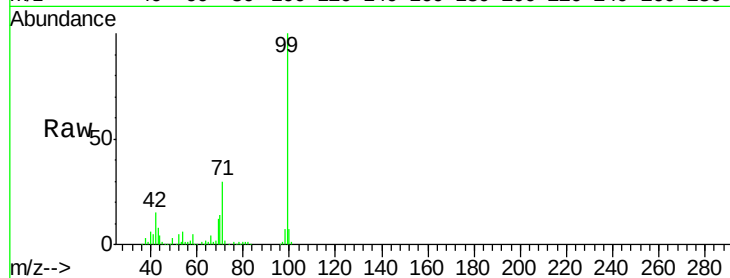
ClientSampleId :

AMENDED-COMPOSITE-1-3-201802

Tot Ion:	99	Resp:	199189
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	30.1	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

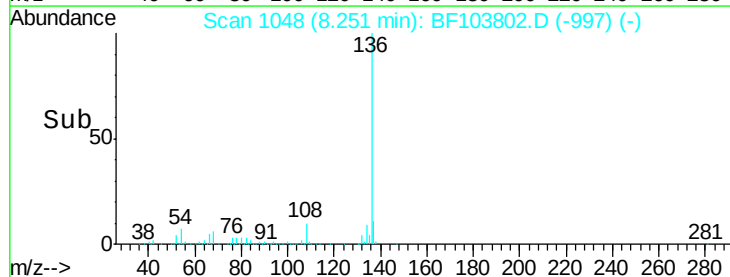
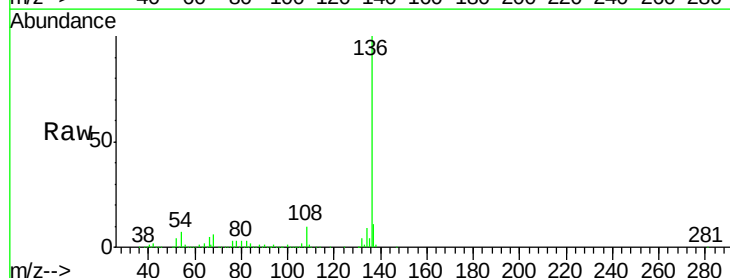
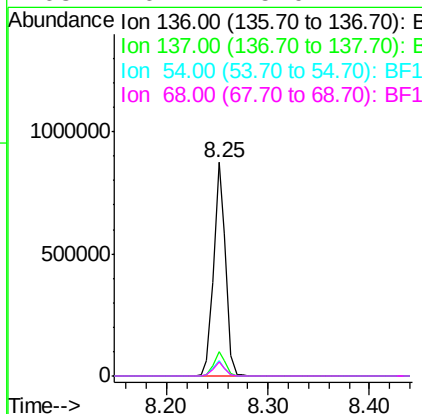
RT: 8.25 min Scan# 1048

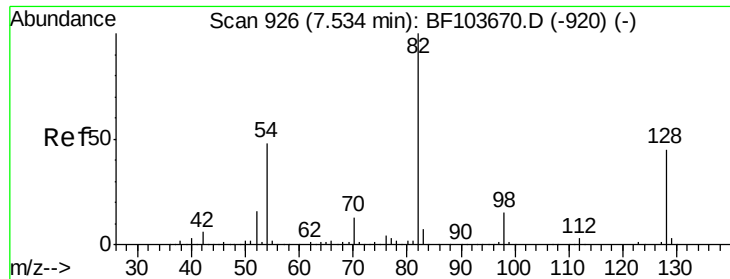
Delta R.T. 0.00 min

Lab File: BF103802.D

Acq: 20 Mar 2018 15:19

Tgt Ion:	136	Resp:	711913
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	7.1	6.6	9.8
68	6.4	5.0	7.4





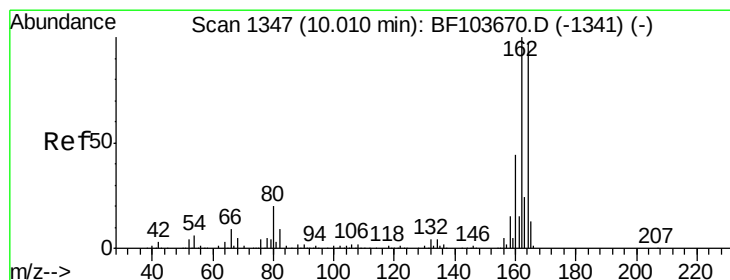
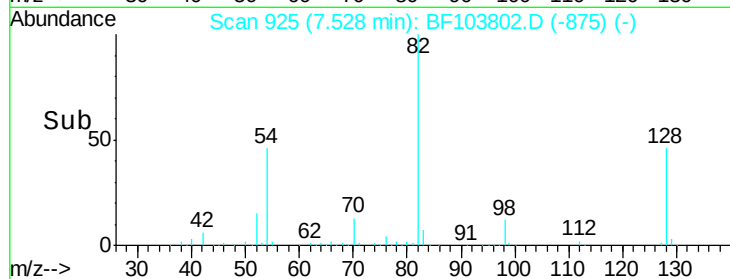
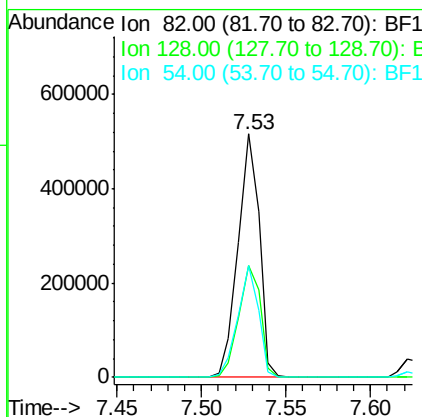
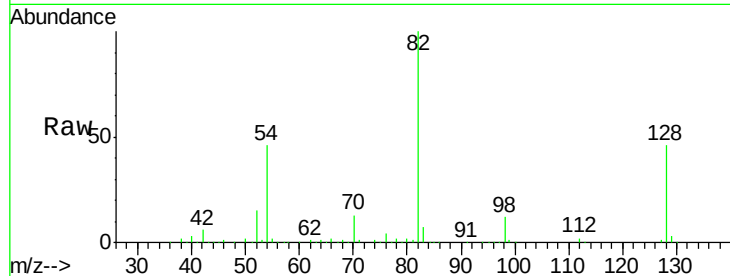
#23
 Nitrobenzene-d5
 Concen: 44.444 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF103802.D
 Acq: 20 Mar 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	36.1	54.1	
54	46.2	41.4	62.2	

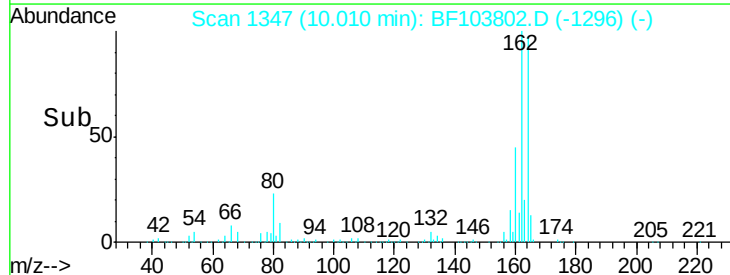
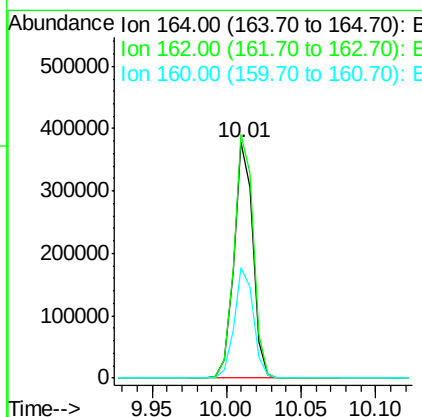
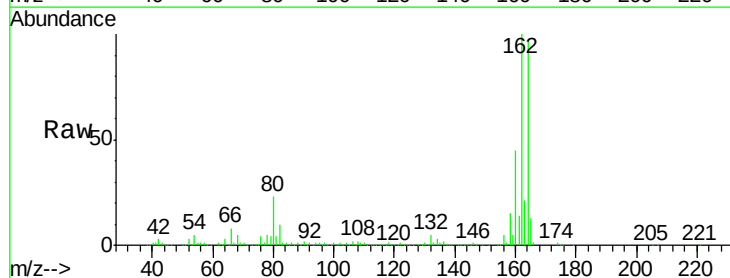
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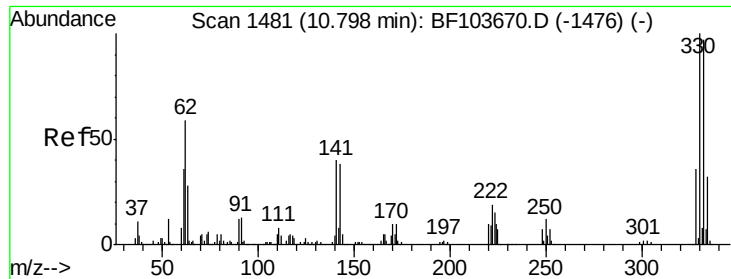
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF103802.D
 Acq: 20 Mar 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	86.1	129.1	
160	46.8	38.3	57.5	





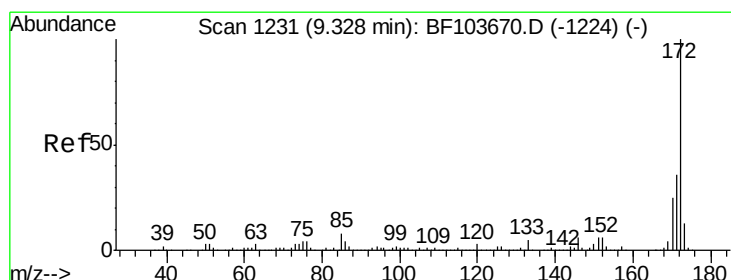
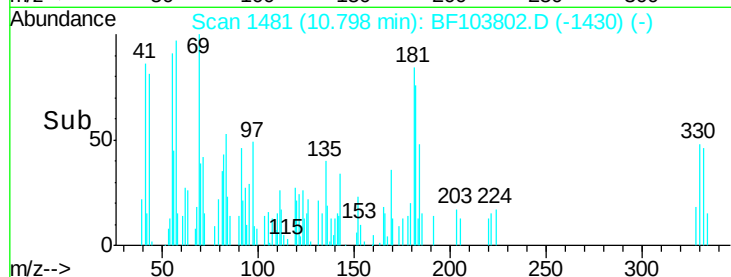
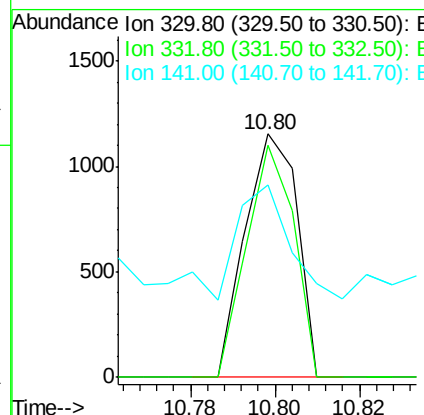
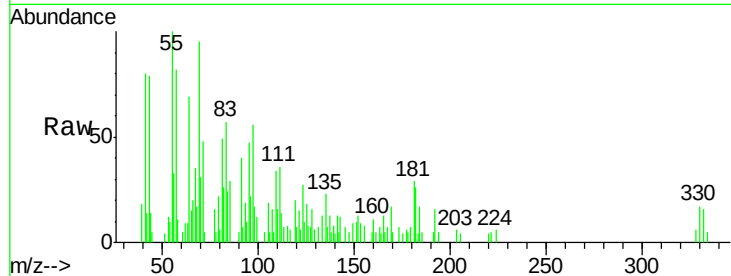
#41
 2,4,6-Tribromophenol
 Concen: 0.341 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: BF103802.D
 Acq: 20 Mar 2018 15:19

Instrument :
 BNA_F
 ClientSampleId :
 AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Lower	Upper
330	100		
332	87.2	77.0	115.6
141	49.9	29.9	44.9

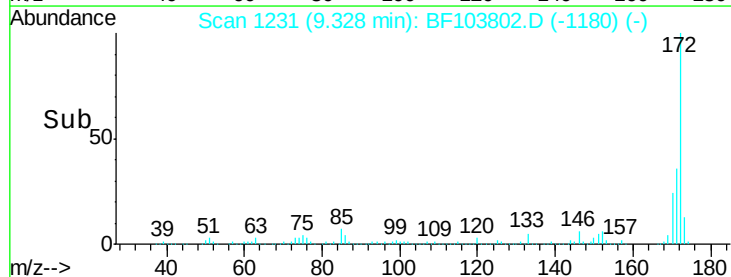
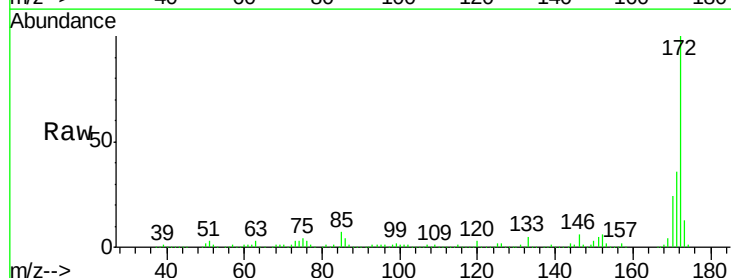
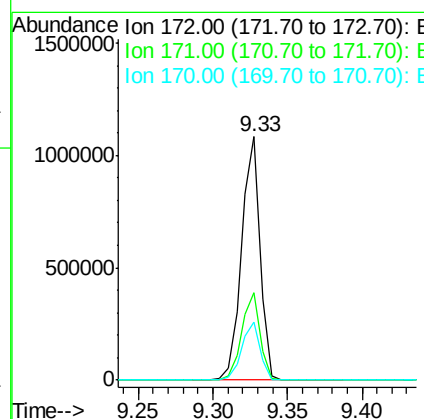
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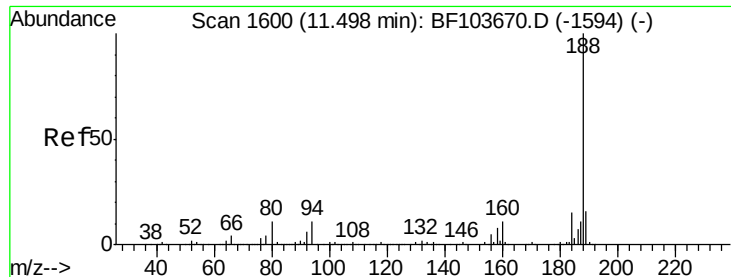
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#44
 2-Fluorobiphenyl
 Concen: 44.570 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103802.D
 Acq: 20 Mar 2018 15:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.0	19.6	29.4





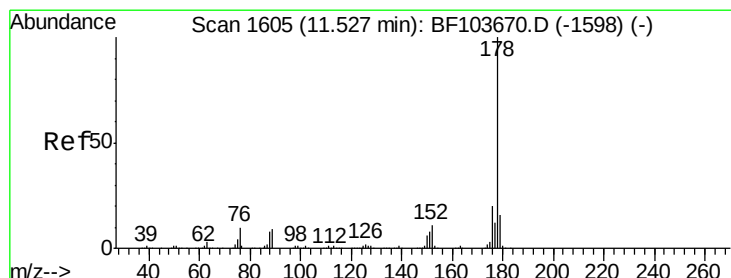
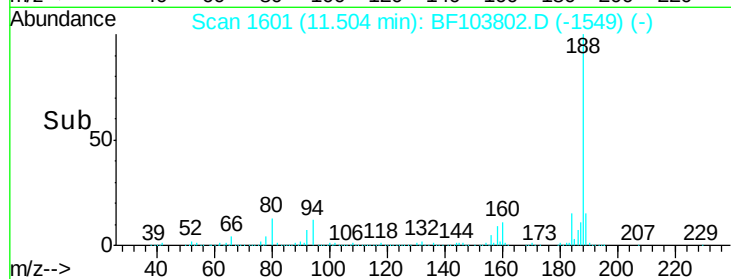
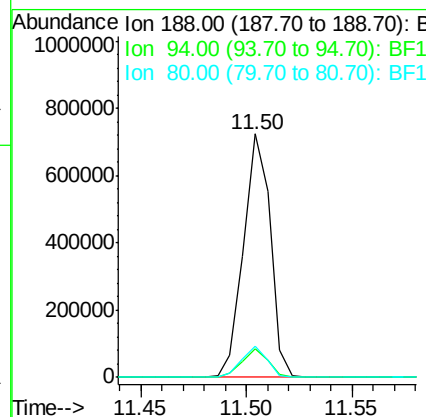
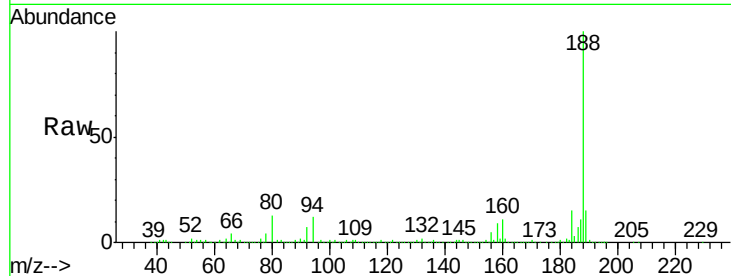
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Resp	Lower	Upper
188	100	634731		
94	11.9		8.5	12.7
80	13.0		9.2	13.8

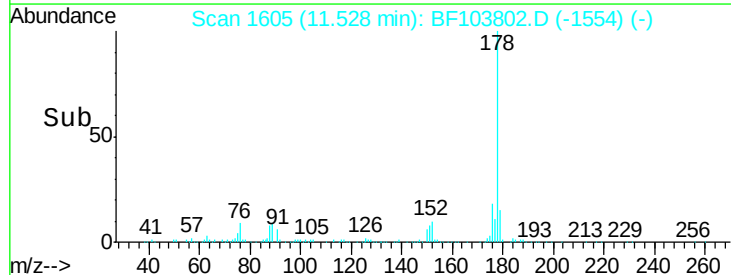
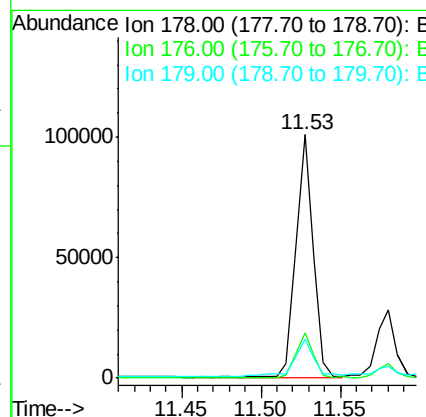
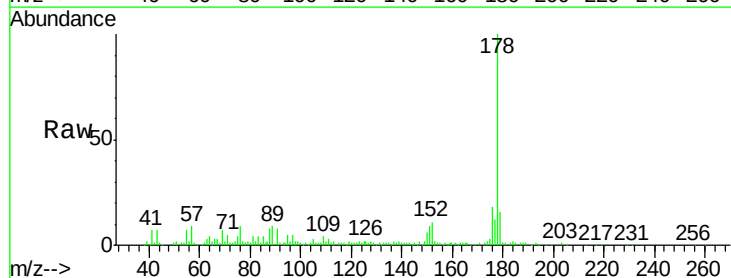
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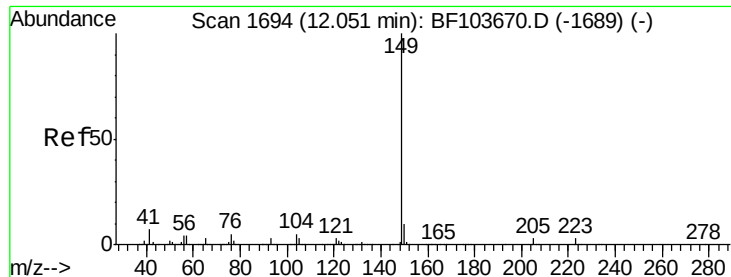
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#70
Phenanthrene
Concen: 2.226 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	77294		
176	18.4		15.8	23.8
179	16.0		13.0	19.6





#73

Di-n-butylphthalate

Concen: 36.803 ng

RT: 12.06 min Scan# 1696

Delta R.T. 0.01 min

Lab File: BF103802.D

Acq: 20 Mar 2018 15:19

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-1-3-201802

Tot Ion:149 Resp: 1513612

Ion Ratio Lower Upper

149 100

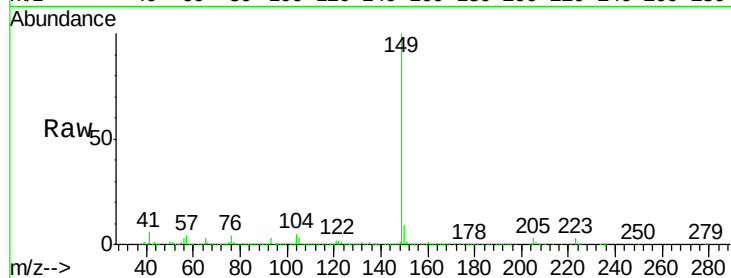
150 9.3 7.8 11.6

104 4.6 3.8 5.8

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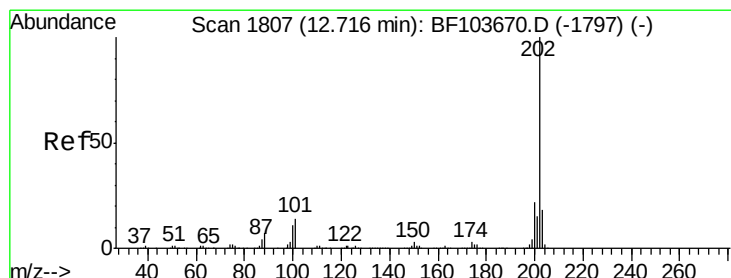
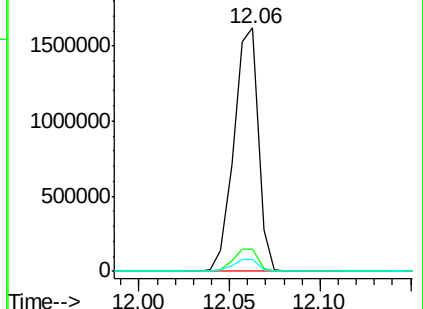
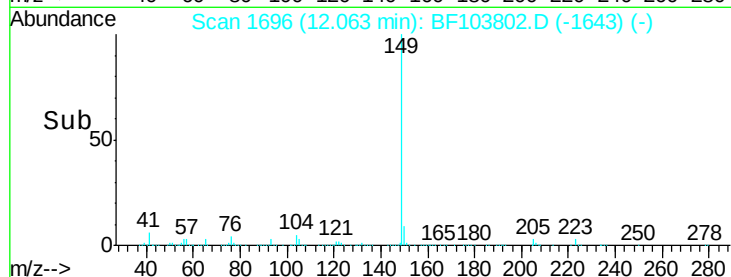
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 4.803 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103802.D

Acq: 20 Mar 2018 15:19

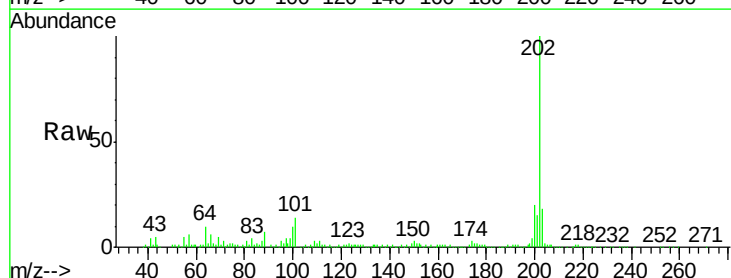
Tgt Ion:202 Resp: 171795

Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.1

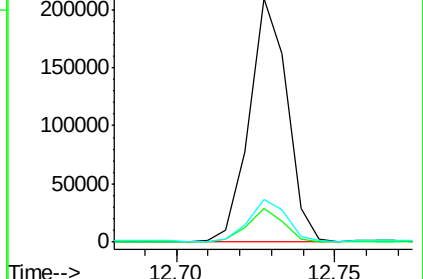
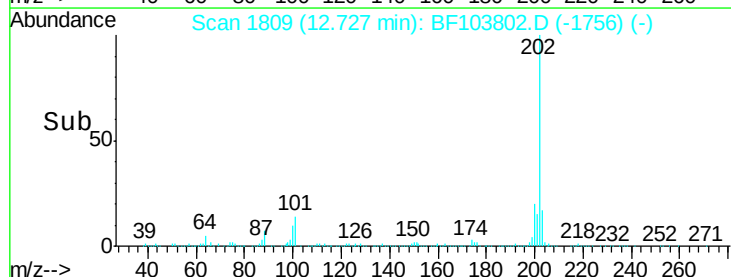
203 17.8 0.0 38.1

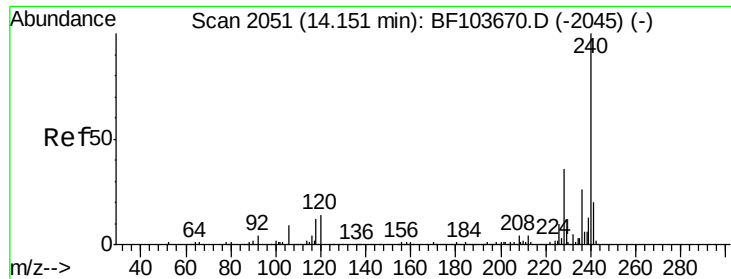


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF103802.D

Acq: 20 Mar 2018 15:19

Instrument :

BNA_F

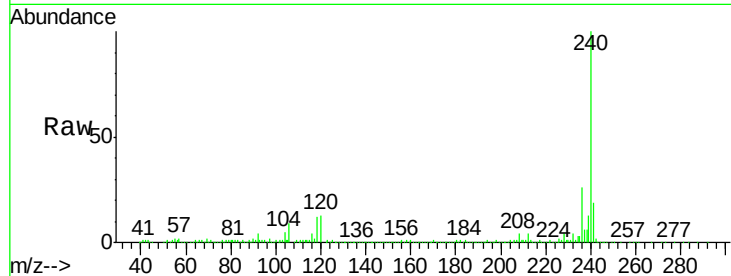
ClientSampleId :

AMENDED-COMPOSITE-1-3-201802

Tot Ion:	240	Resp:	478462
Ion Ratio	Lower	Upper	
240	100		
120	13.4	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
APPROVED

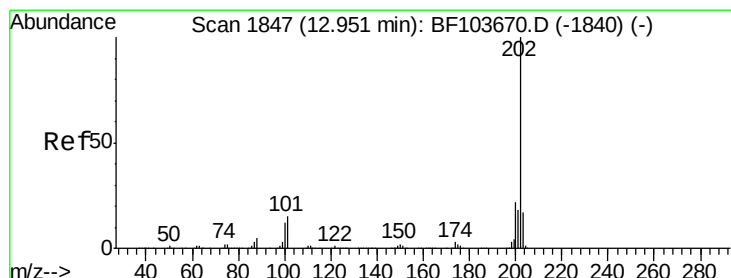
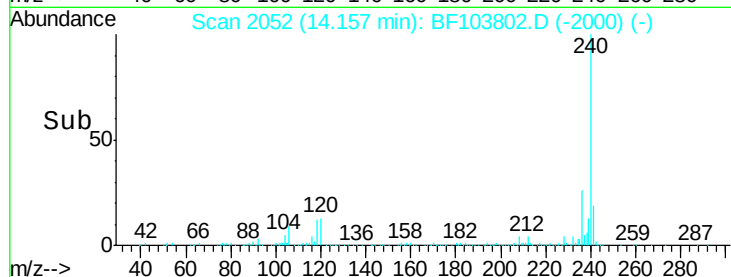
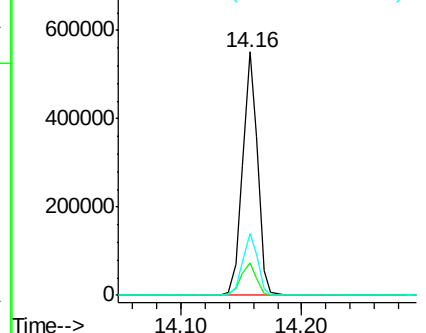
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.727 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF103802.D

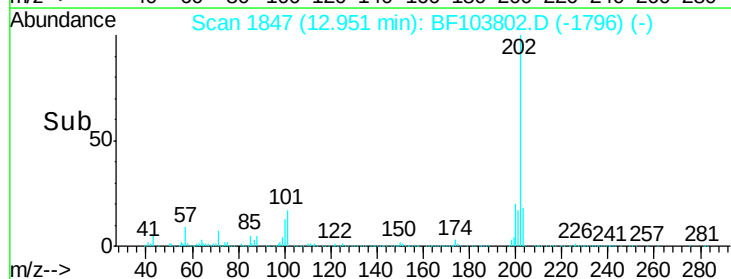
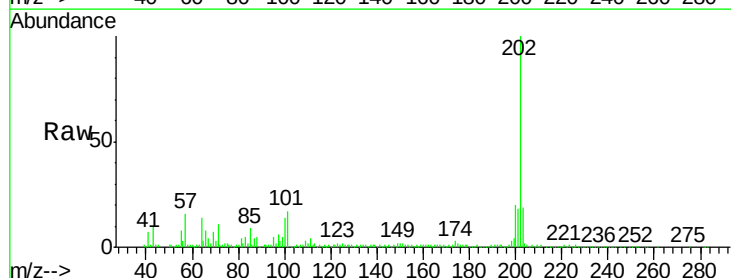
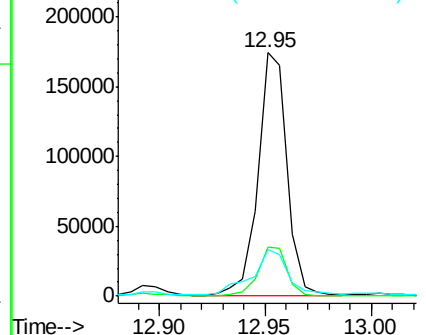
Acq: 20 Mar 2018 15:19

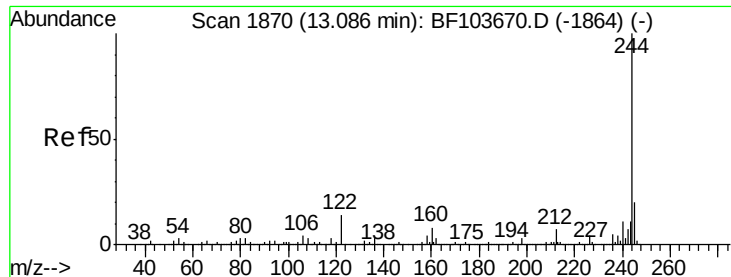
Tgt Ion:	202	Resp:	166104
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	18.9	14.3	21.5

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: 55.217 ng

RT: 13.10 min Scan# 1872

Delta R.T. 0.01 min

Lab File: BF103802.D

Acq: 20 Mar 2018 15:19

Instrument :

BNA_F

ClientSampleId :

AMENDED-COMPOSITE-1-3-201802

Tot Ion:244 Resp: 1138205

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

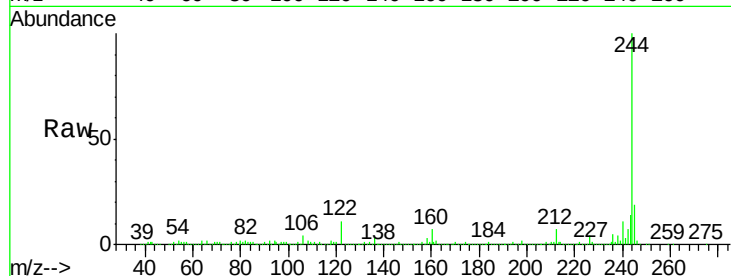
122 10.7 11.0 16.4#

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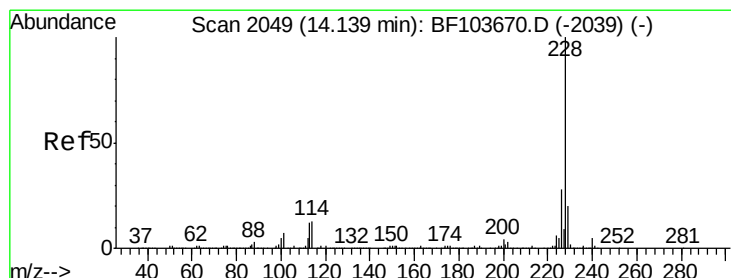
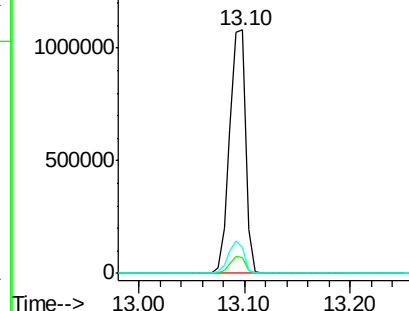
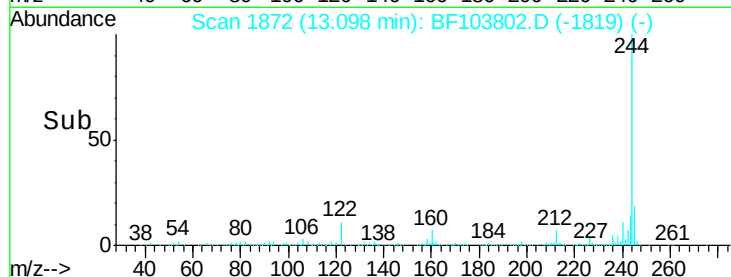
3/20/2018 7:06:29 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 2.860 ng

RT: 14.14 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BF103802.D

Acq: 20 Mar 2018 15:19

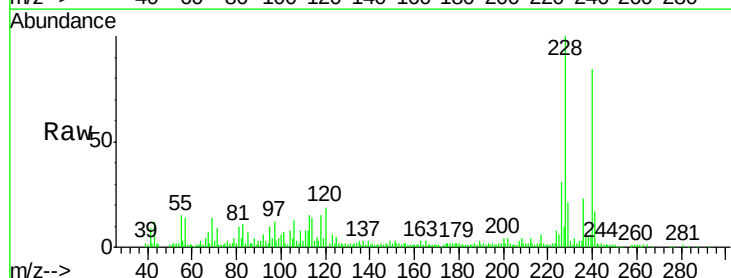
Tgt Ion:228 Resp: 86616

Ion Ratio Lower Upper

228 100

226 31.2 22.6 33.8

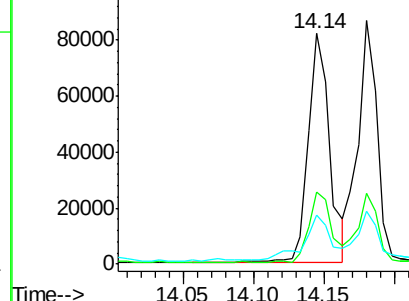
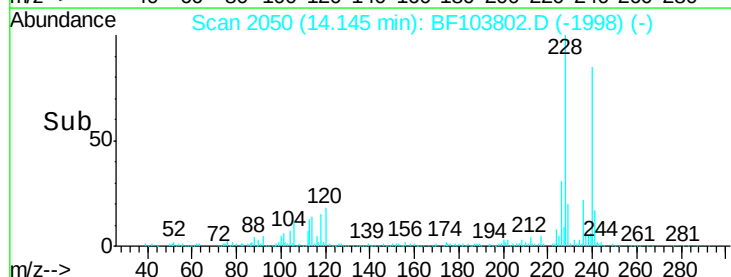
229 21.2 15.8 23.6

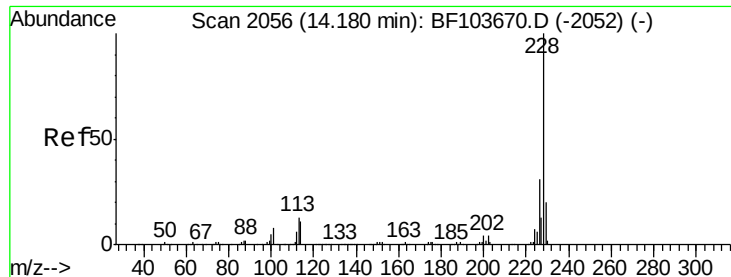


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





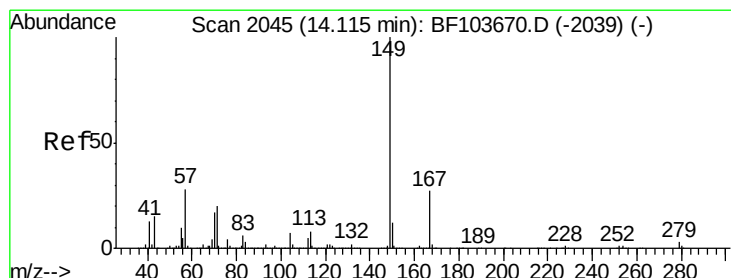
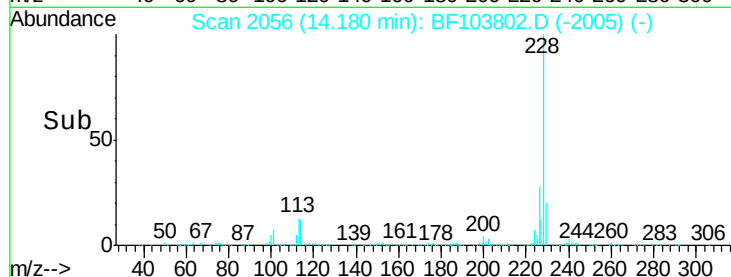
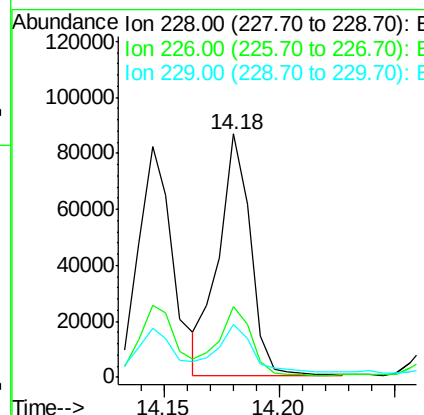
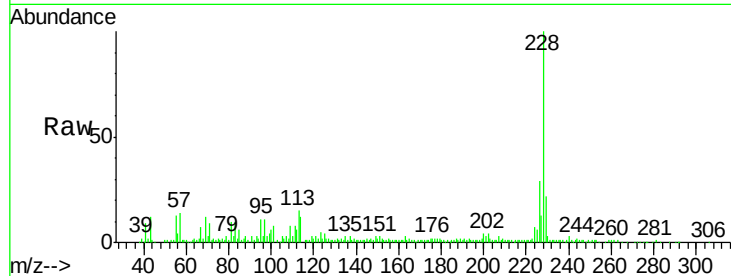
#82
Chrysene
Concen: 2.880 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion:	228	Resp:	83161
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.0	37.6
229	21.7	16.2	24.4

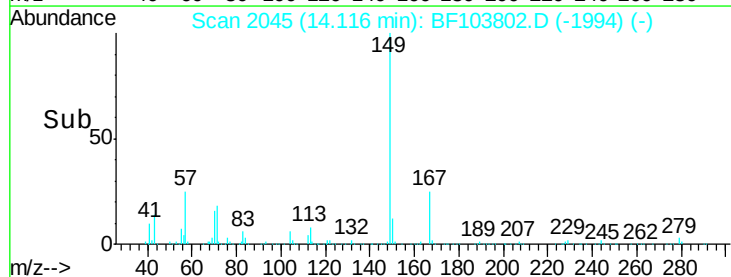
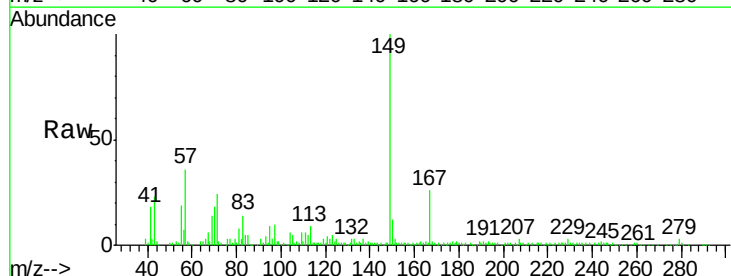
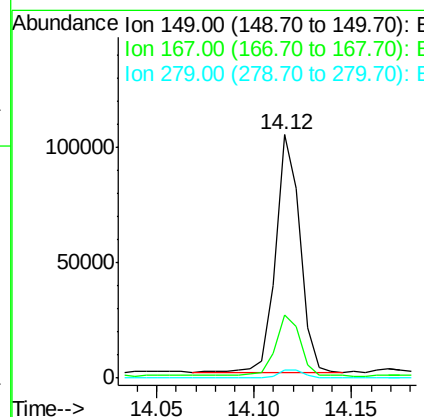
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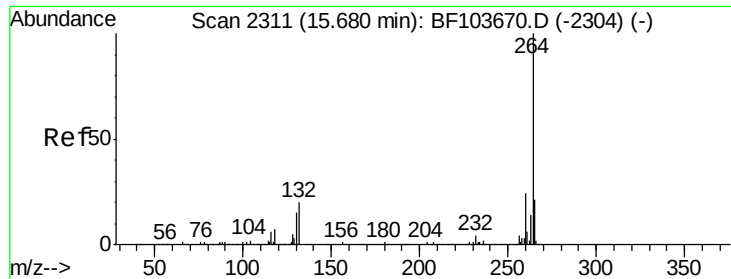
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 3.986 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Tgt Ion:	149	Resp:	88655
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	3.1	3.0	4.4





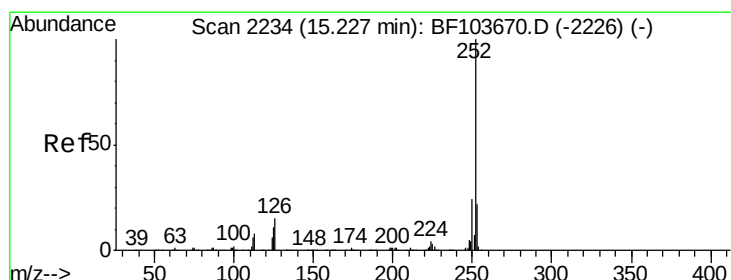
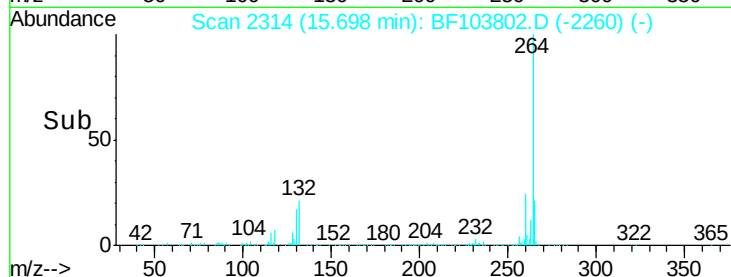
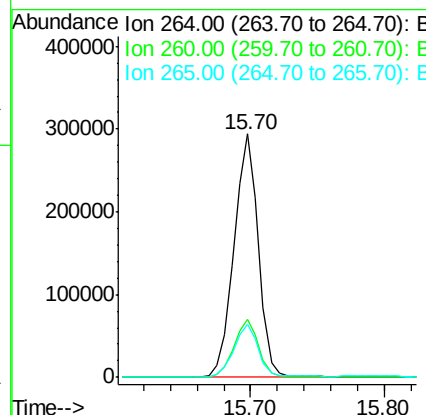
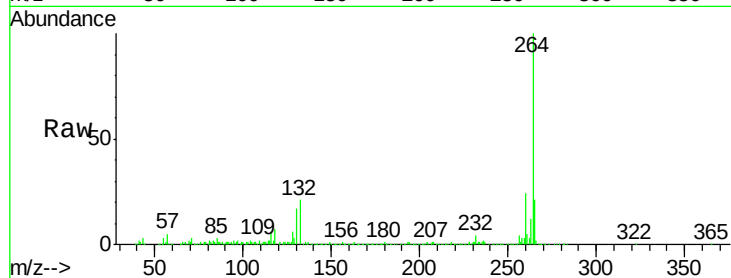
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. 0.02 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

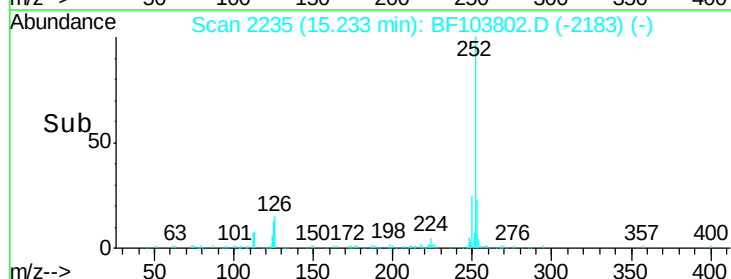
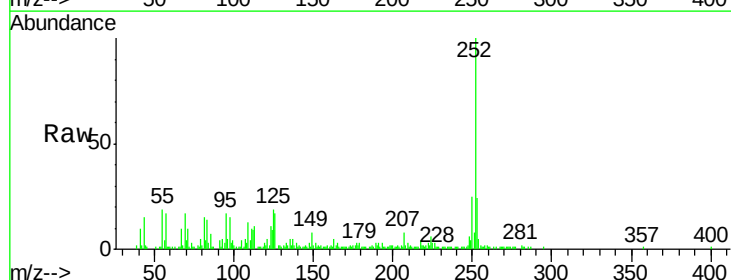
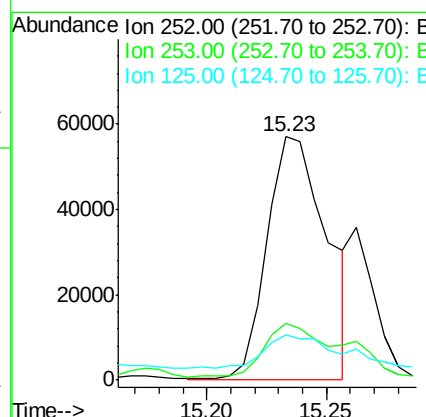
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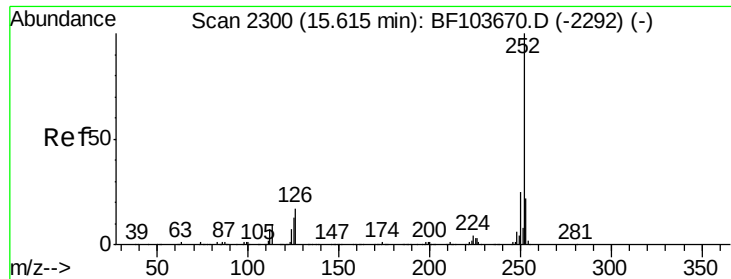
Sohil
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#87
Benzo(b)fluoranthene
Concen: 4.188 ng m
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	18.7	9.0	13.6





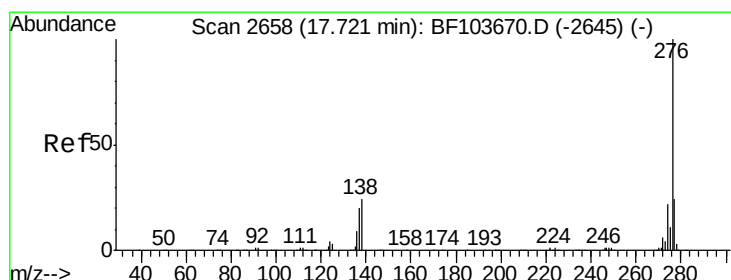
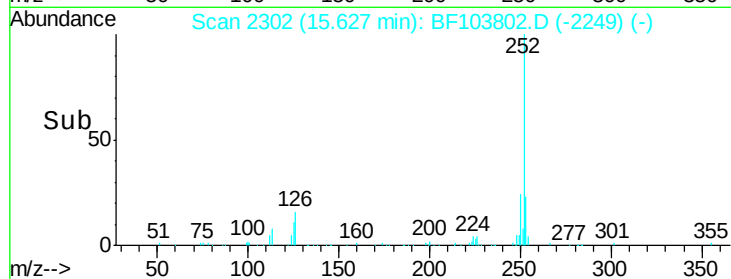
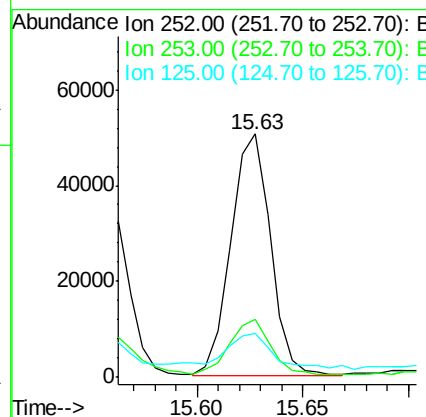
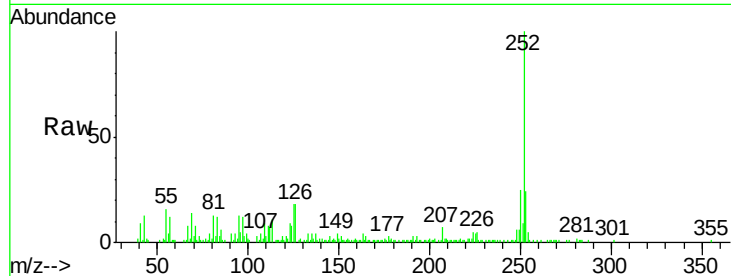
#89
Benzo(a)pyrene
Concen: 3.023 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Instrument :
BNA_F
ClientSampleId :
AMENDED-COMPOSITE-1-3-201802

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	17.8	9.8	14.6

Manual Integrations
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3/20/2018 7:06:29 PM



#91
Benzo(g,h,i)perylene
Concen: 2.354 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.02 min
Lab File: BF103802.D
Acq: 20 Mar 2018 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	29.0	21.8	32.8

