

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107888.D
 Acq On : 1 Aug 2018 14:53
 Operator : JU/SJ
 Sample : J4241-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-RO-226

Manual Integrations
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Sohil
 8/2/2018 9:17:02 AM

Quant Time: Aug 01 16:19:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115956	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	499411	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	212232	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	399932	20.00	ng	0.00
75) Chrysene-d12	14.15	240	389823	20.00	ng	0.00
86) Perylene-d12	15.69	264	448754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	546150	80.05	ng	0.00
7) Phenol-d6	6.60	99	714302	79.44	ng	0.00
23) Nitrobenzene-d5	7.53	82	442659	51.06	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	191799	66.51	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	763304	50.12	ng	0.00
78) Terphenyl-d14	13.08	244	707826	39.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	141848	8.900	ng	98
70) Phenanthrene	11.52	178	350312	18.447	ng	97
71) Anthracene	11.58	178	132205	6.036	ng	97
74) Fluoranthene	12.72	202	462625	20.737	ng	96
77) Pyrene	12.95	202	521313	18.572	ng	97
80) Benzo(a)anthracene	14.14	228	242842	10.997	ng	97
82) Chrysene	14.18	228	198209	8.322	ng	99
85) Indeno(1,2,3-cd)pyrene	17.28	276	98591m	5.442	ng	
87) Benzo(b)fluoranthene	15.23	252	207645m	9.382	ng	
88) Benzo(k)fluoranthene	15.25	252	109972m	4.047	ng	
89) Benzo(a)pyrene	15.62	252	197195	8.631	ng	97
91) Benzo(a,h,i)perylene	17.75	276	92968	4.821	ng	95

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

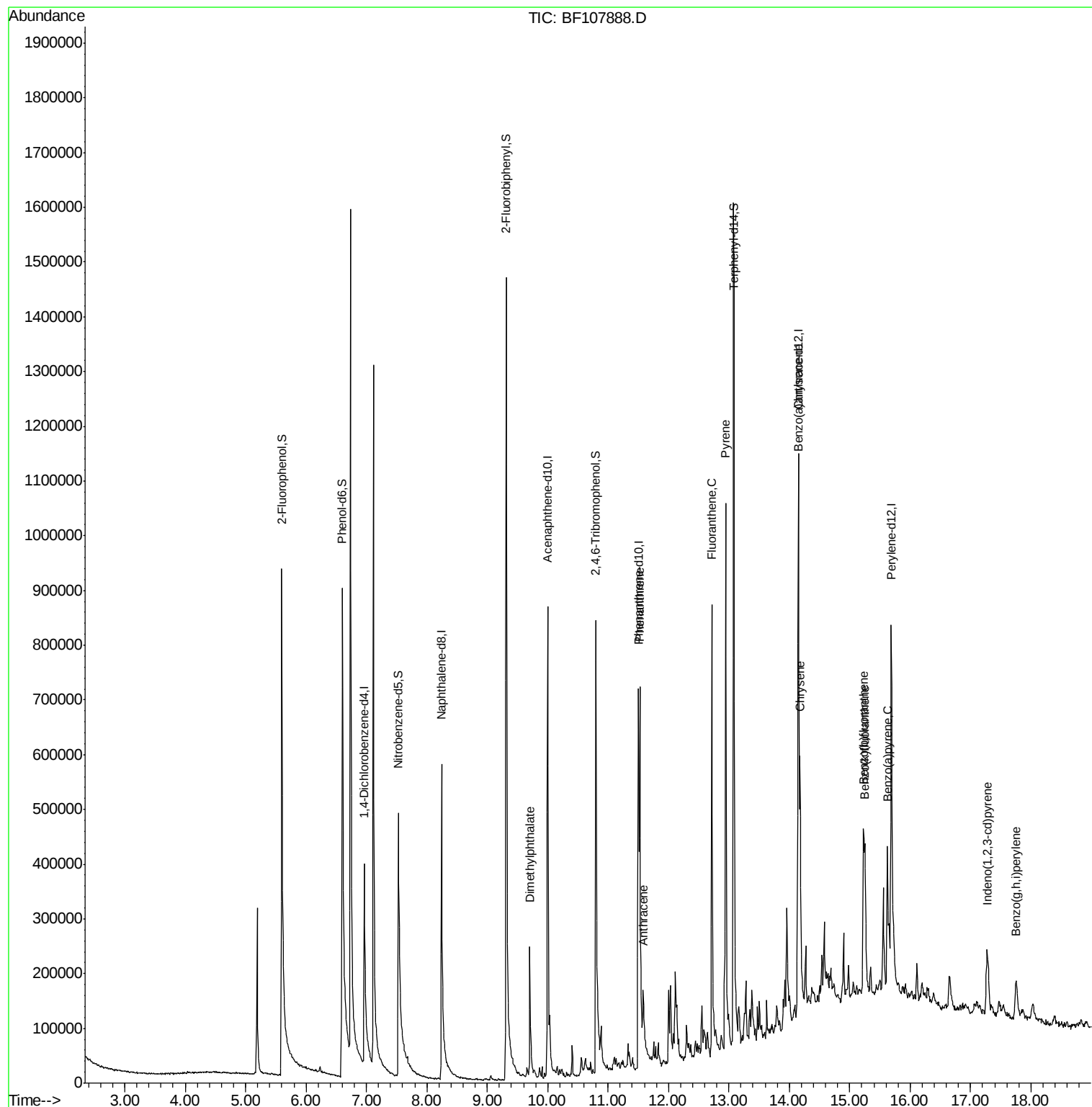
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107888.D
Acq On : 1 Aug 2018 14:53
Operator : JU/SJ
Sample : J4241-01
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ALS Vial : 7 Sample Multiplier: 1

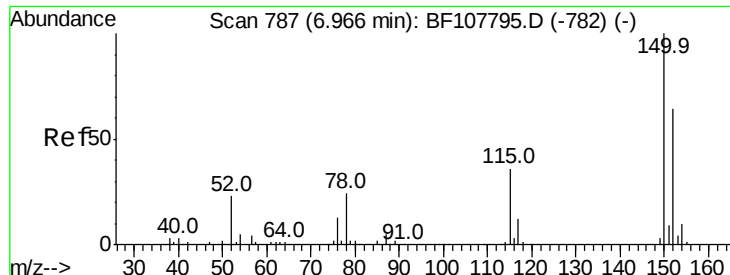
Instrument :
BNA_F
ClientSampleId :
FS-RO-226

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

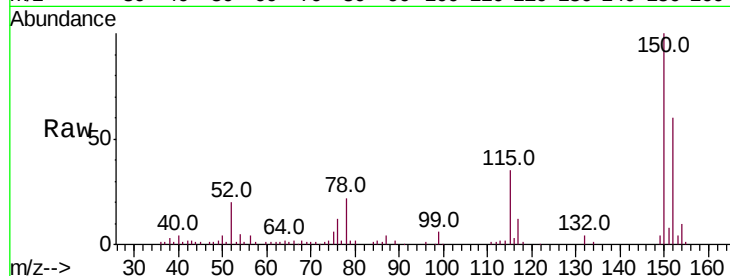
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.3	124.6	186.8
115	57.6	50.1	75.1

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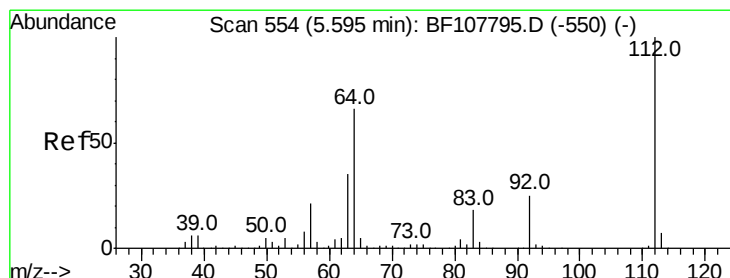
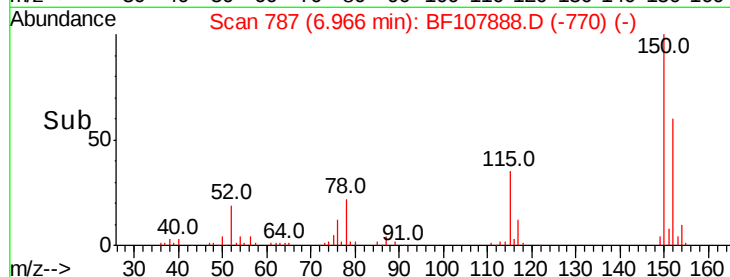
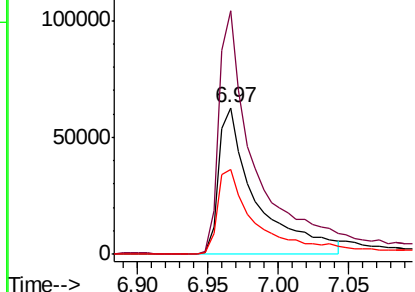


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

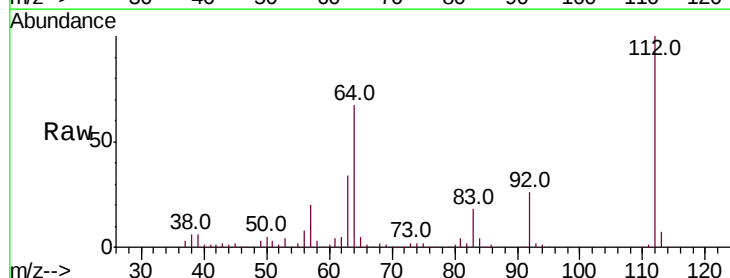
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.048 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	33.5	23.7	35.5

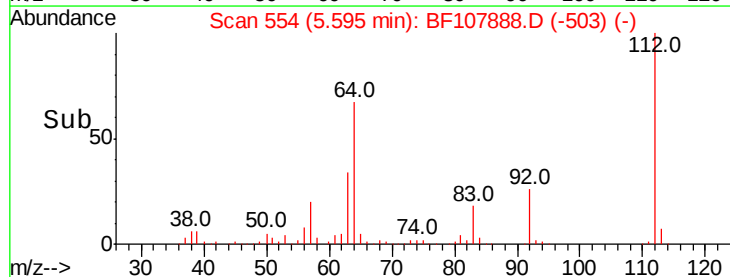
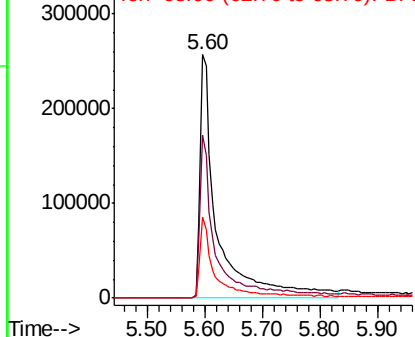


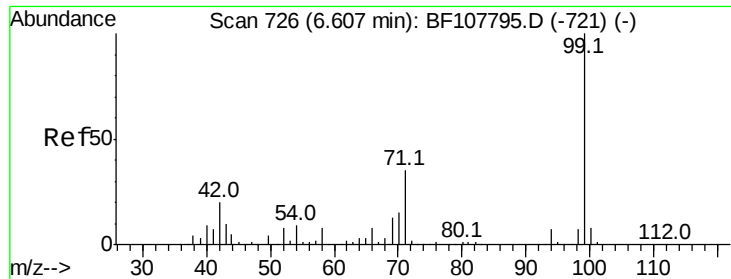
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.437 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107888.D

Acq: 1 Aug 2018 14:53

Instrument :

BNA_F

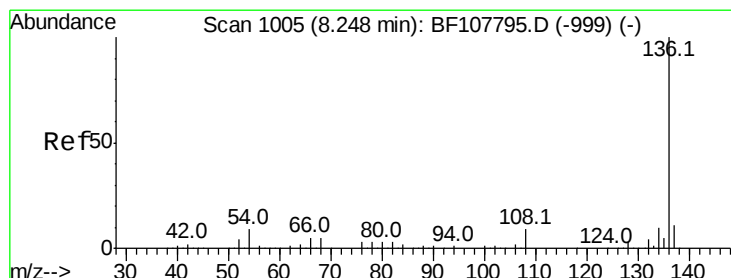
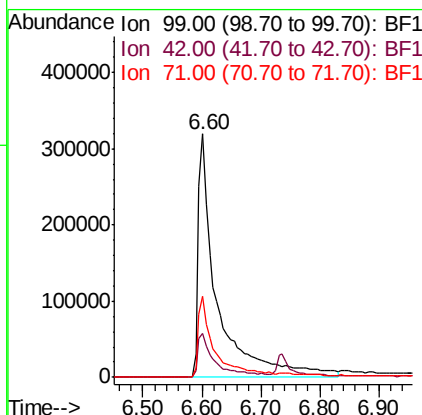
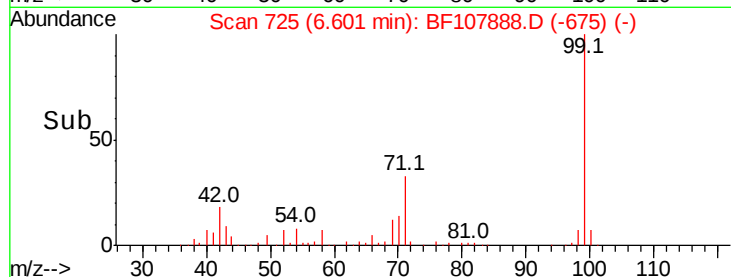
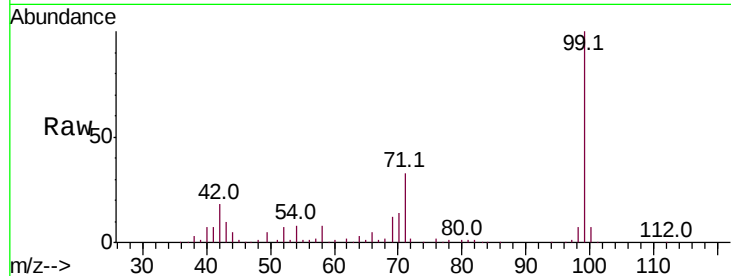
ClientSampled :

FS-RO-226

Tot Ion:	99	Resp:	714302
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	33.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

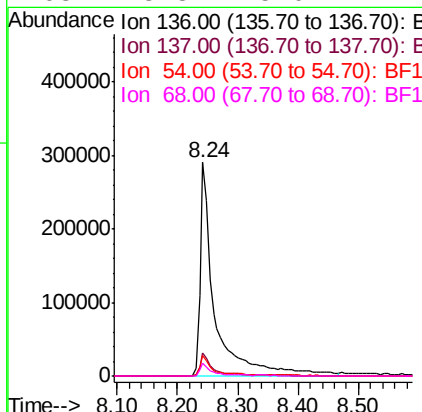
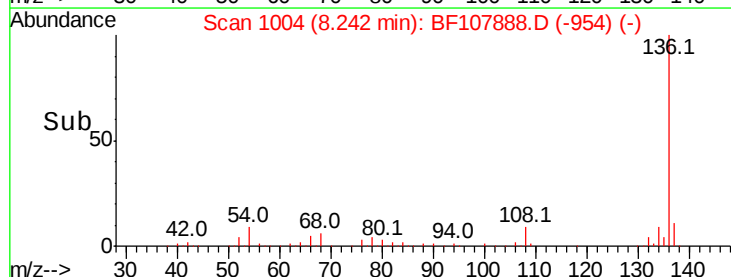
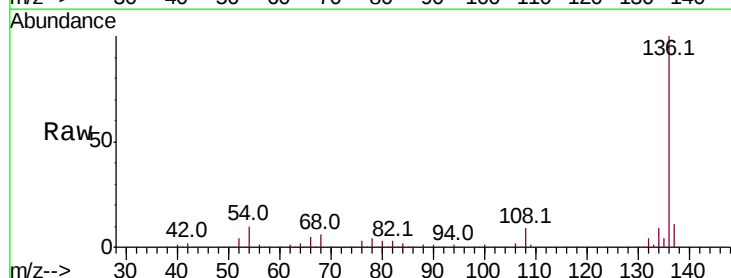
RT: 8.24 min Scan# 1004

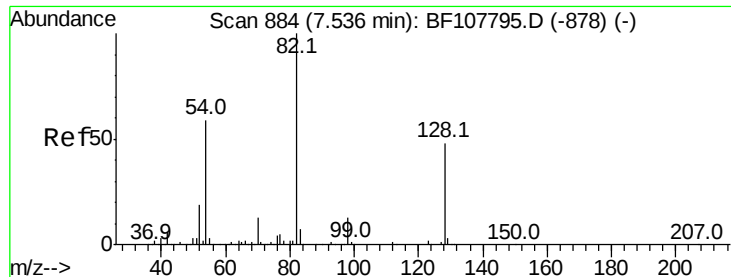
Delta R.T. -0.01 min

Lab File: BF107888.D

Acq: 1 Aug 2018 14:53

Tgt Ion:	136	Resp:	499411
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	9.6	6.6	9.8
68	5.8	5.0	7.4





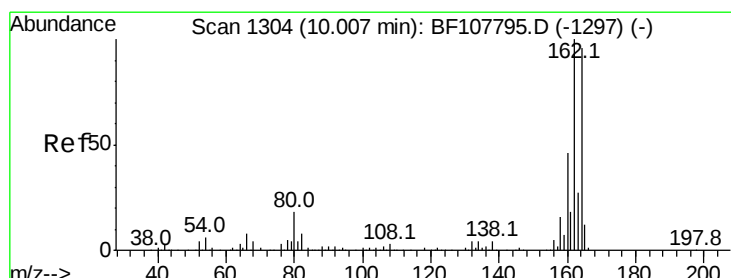
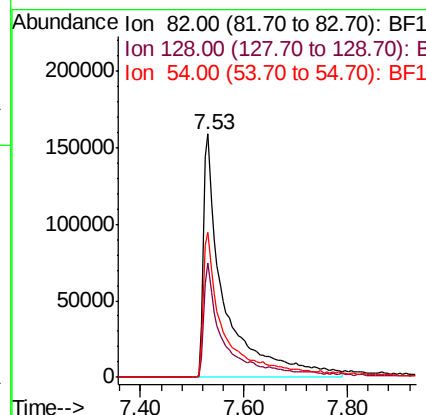
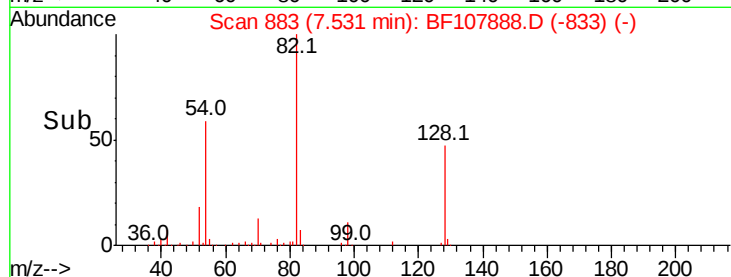
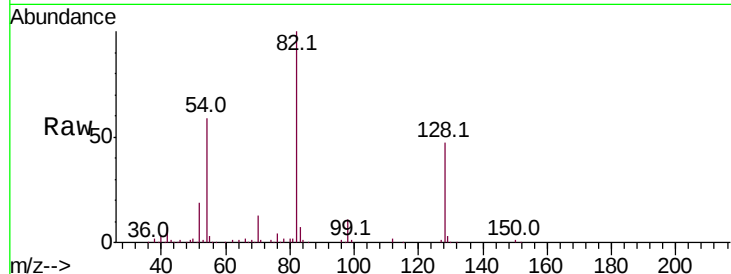
#23
Nitrobenzene-d5
Concen: 51.064 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	59.3	41.4	62.2

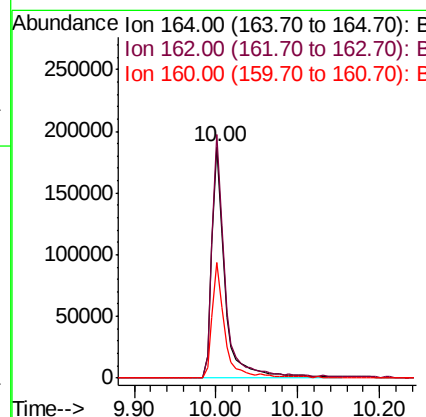
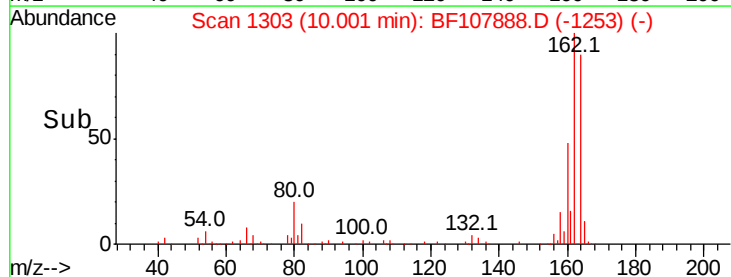
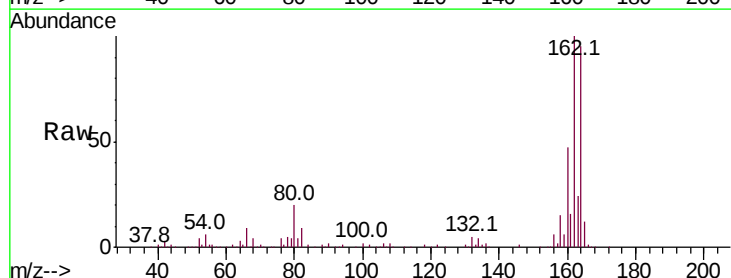
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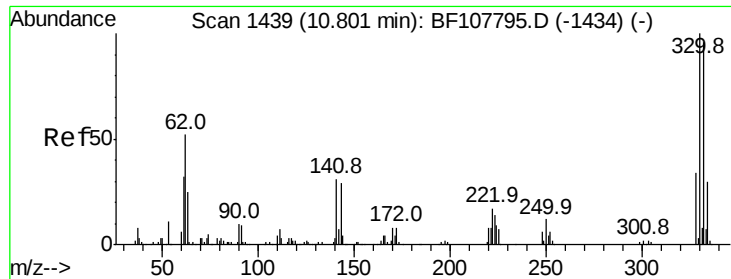
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	49.9	38.3	57.5





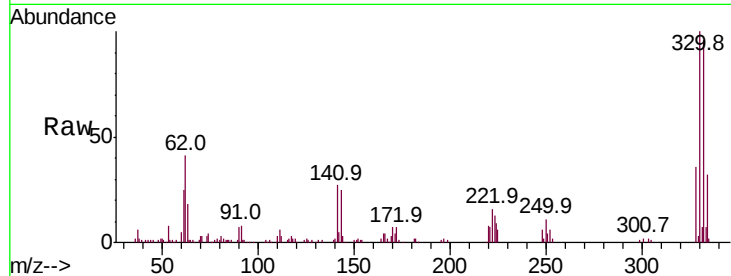
#41
 2,4,6-Tribromophenol
 Concen: 66.509 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107888.D
 Acq: 1 Aug 2018 14:53

Instrument :
 BNA_F
 ClientSampleId :
 FS-RO-226

Tot Ion	Ratio	Resp	Lower	Upper
330	100	191799		
332	91.9	77.0	115.6	
141	27.1	29.9	44.9#	

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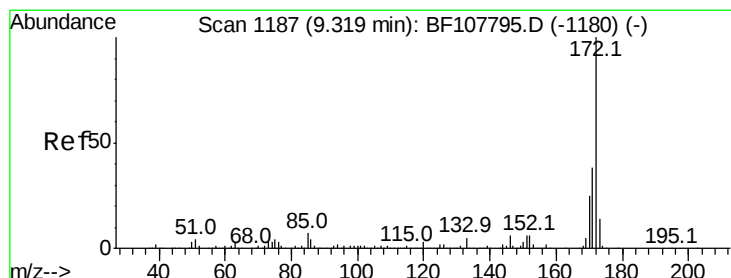
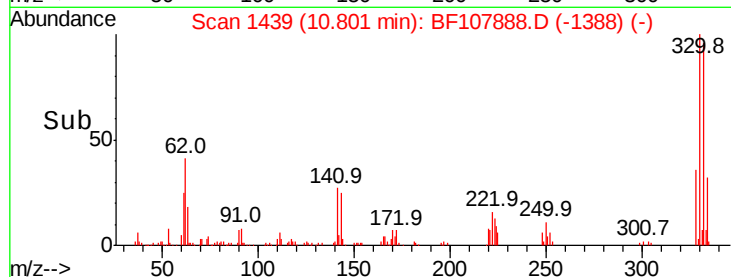
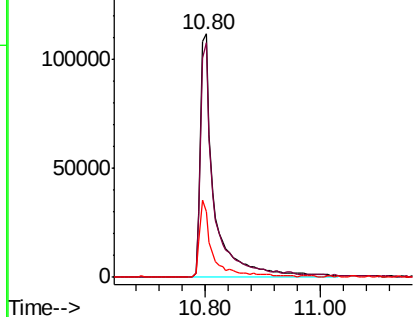


Abundance

Ion 329.80 (329.50 to 330.50): E

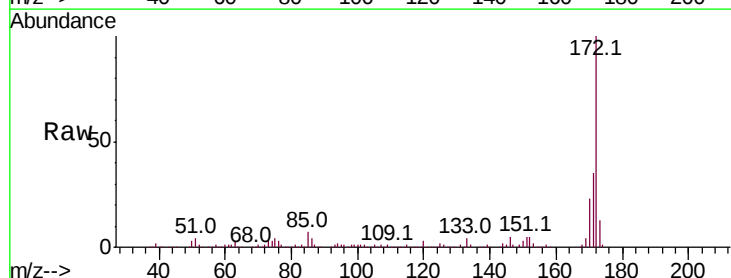
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 50.118 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107888.D
 Acq: 1 Aug 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	763304		
171	35.3	29.7	44.5	
170	23.4	19.6	29.4	

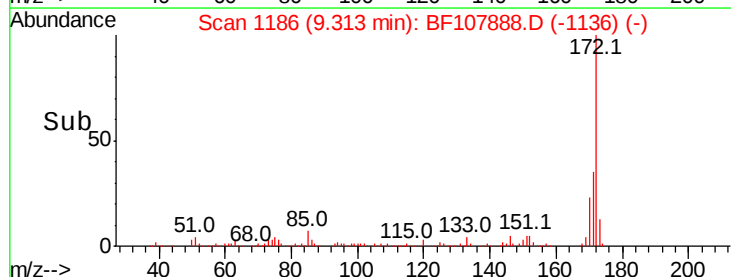
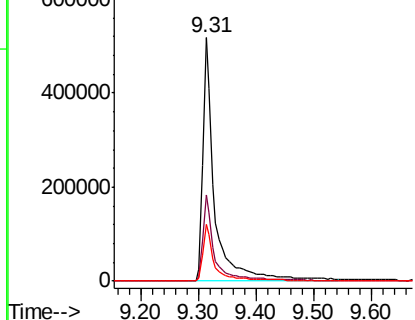


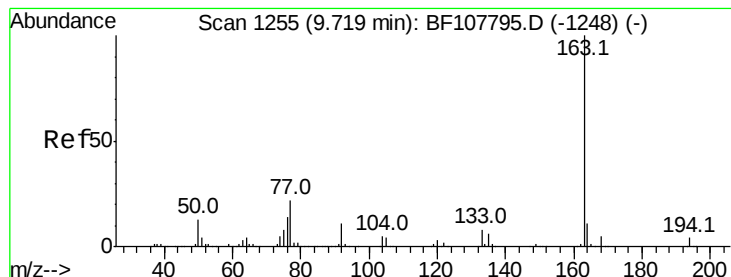
Abundance

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: 8.900 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF107888.D

Acq: 1 Aug 2018 14:53

Instrument :

BNA_F

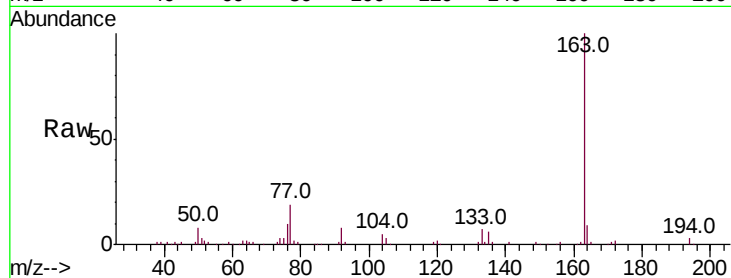
ClientSampled :

FS-RO-226

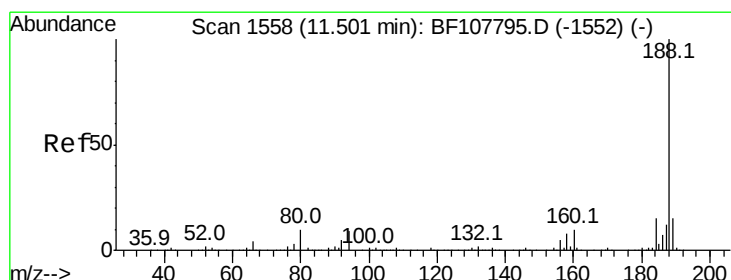
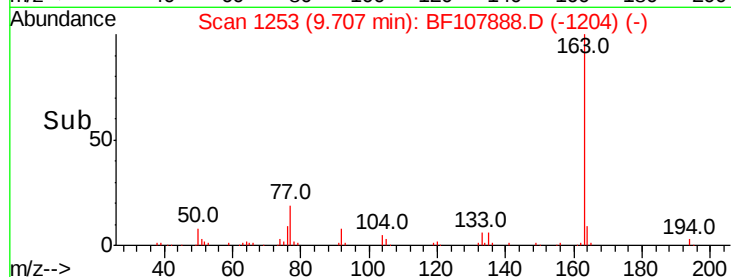
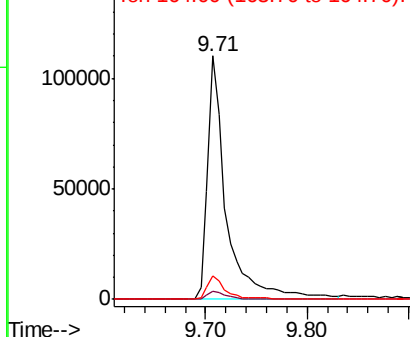
Tot Ion:	163	Resp:	141848
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.5	8.2	12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
150000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

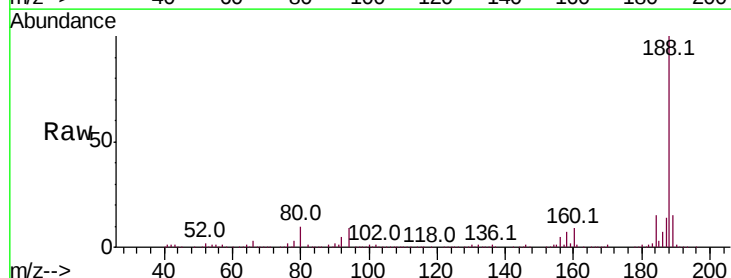
RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

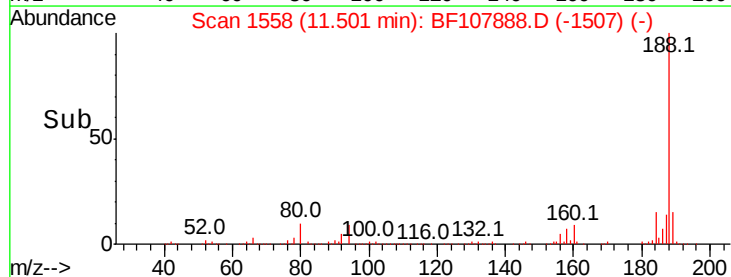
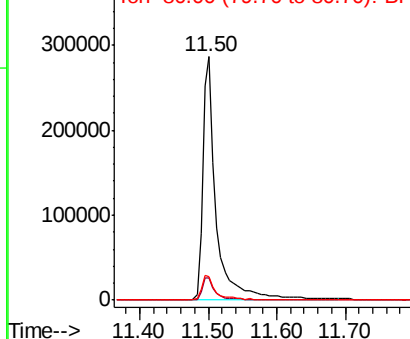
Lab File: BF107888.D

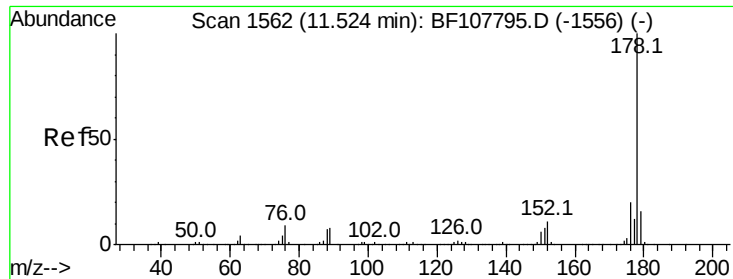
Acq: 1 Aug 2018 14:53

Tgt Ion:	188	Resp:	399932
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.5	12.7
80	9.6	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
400000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





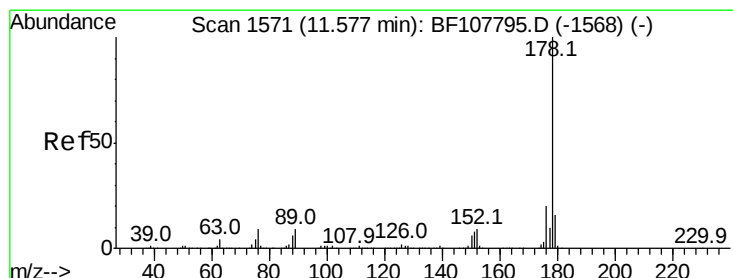
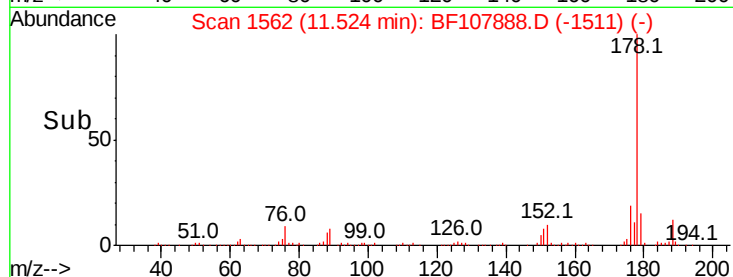
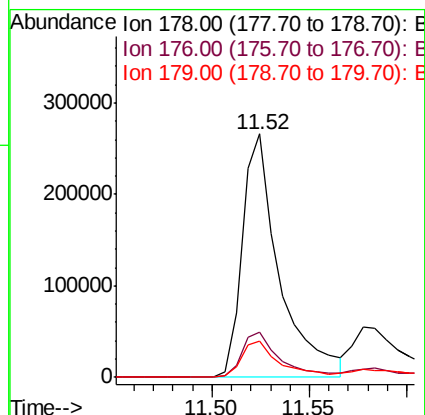
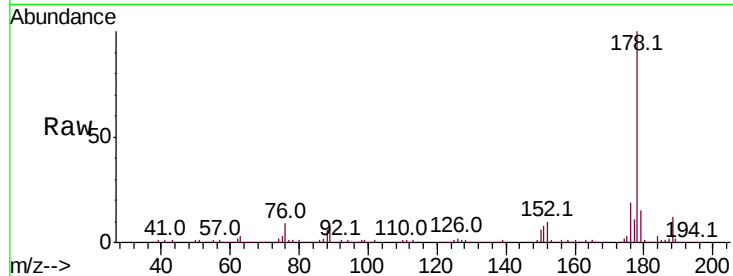
#70
Phenanthrene
Concen: 18.447 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.1	13.0	19.6

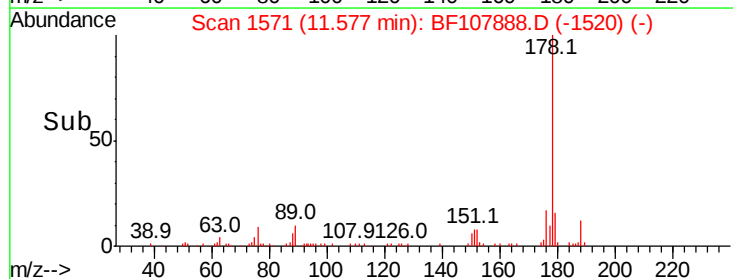
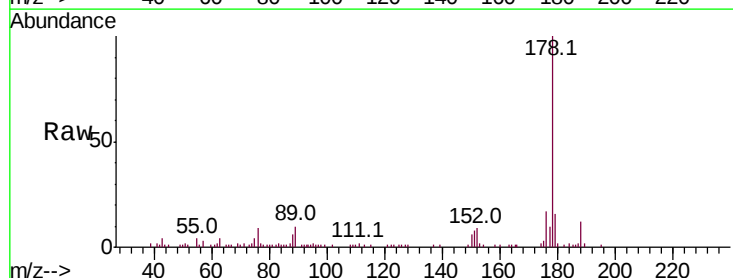
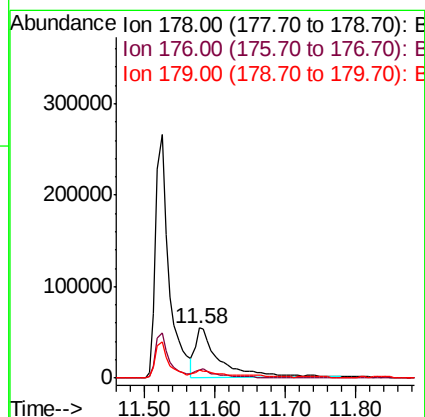
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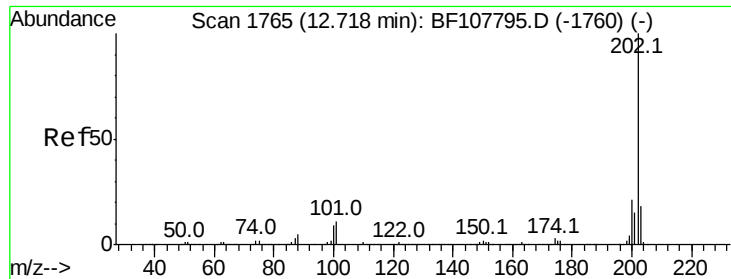
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#71
Anthracene
Concen: 6.036 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.4	23.2
179	16.2	12.6	19.0





#74

Fluoranthene

Concen: 20.737 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF107888.D

Acq: 1 Aug 2018 14:53

Instrument :

BNA_F

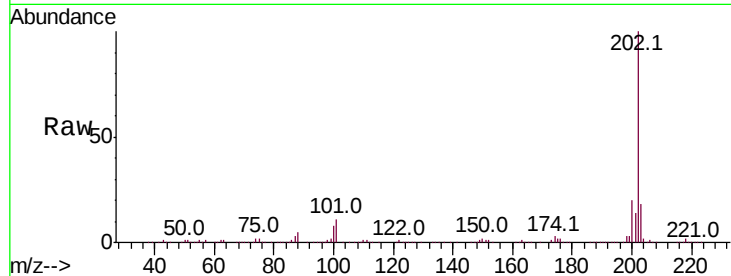
ClientSampled :

FS-RO-226

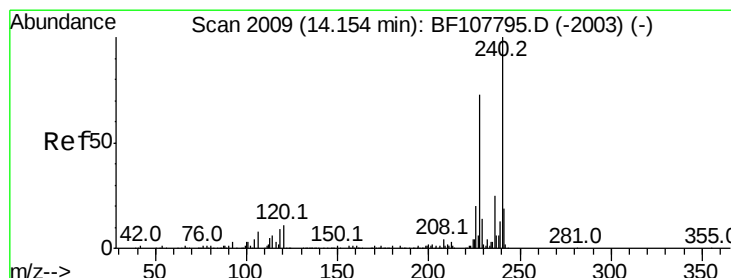
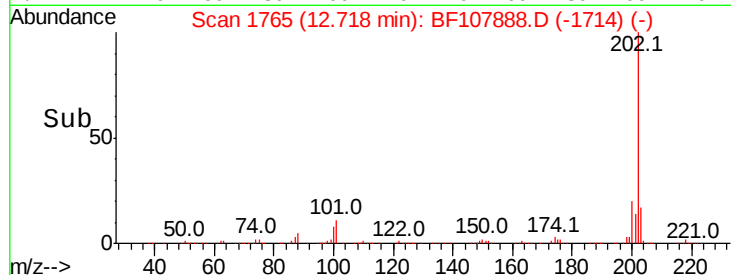
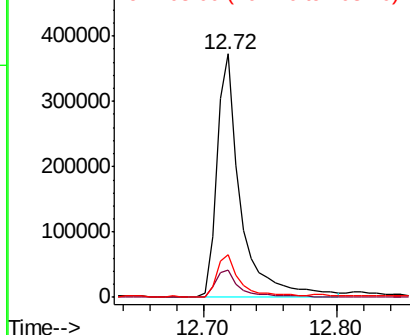
Tot Ion	Ratio	Resp	Lower	Upper
202	100	462625		
101	11.4	0.0	34.1	
203	17.5	0.0	38.1	

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

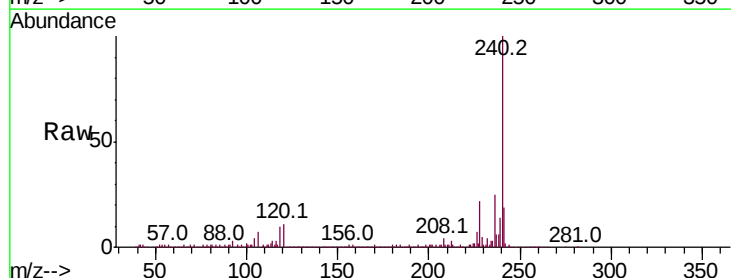
RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

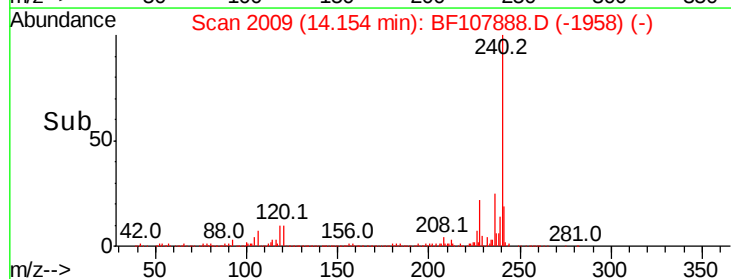
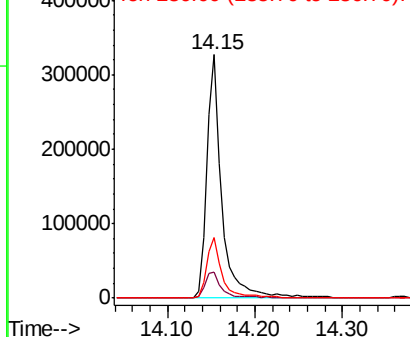
Lab File: BF107888.D

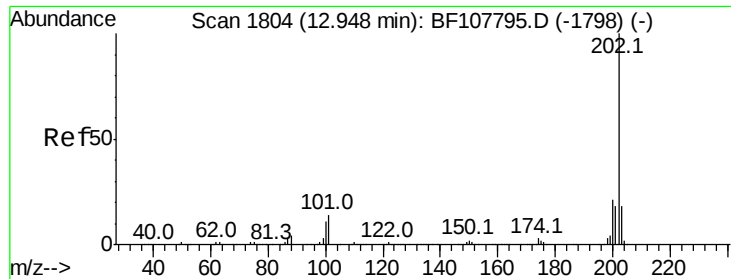
Acq: 1 Aug 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	389823		
120	10.6	9.5	14.3	
236	24.6	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: 18.572 ng

RT: 12.95 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF107888.D

Acq: 1 Aug 2018 14:53

Instrument :

BNA_F

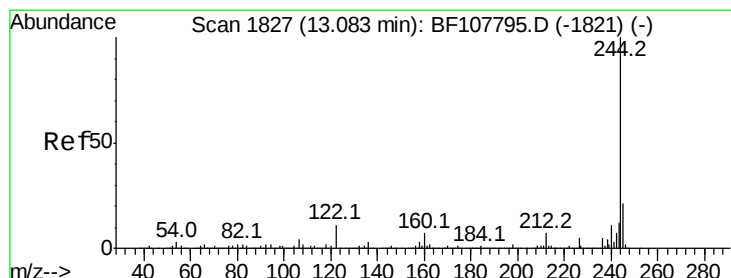
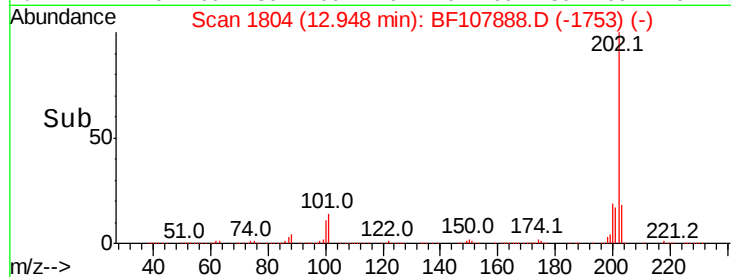
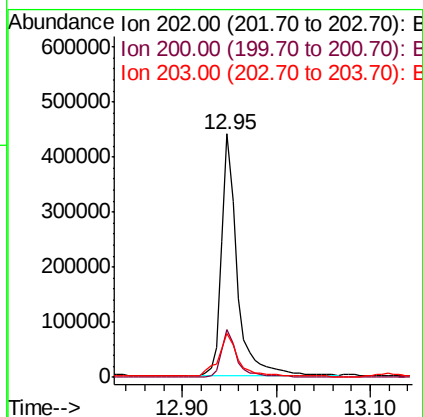
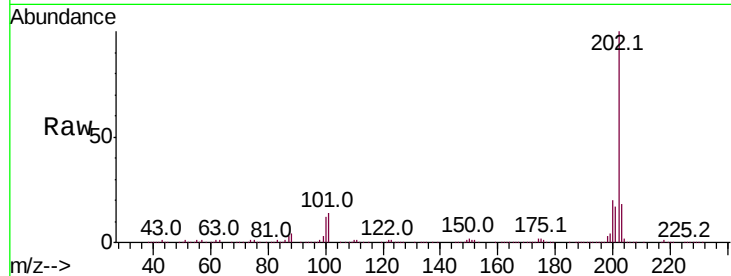
ClientSampleId :

FS-RO-226

Tot Ion:	202	Resp:	521313
Ion Ratio	Lower	Upper	
202	100		
200	19.5	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 39.374 ng

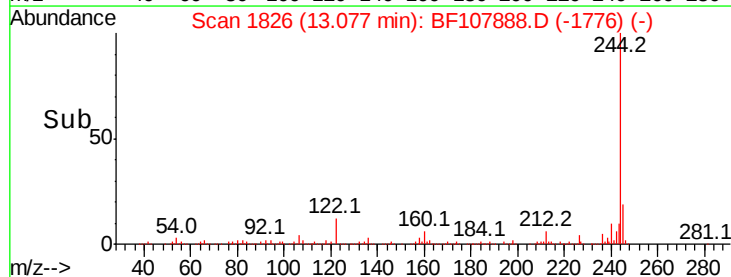
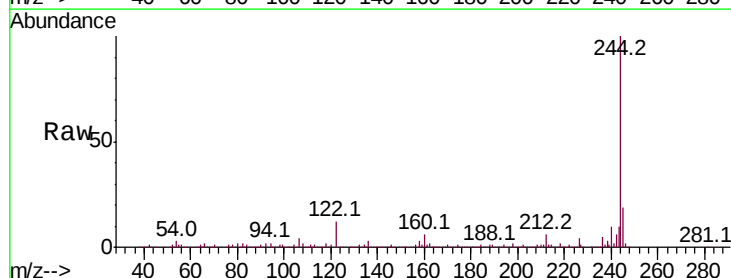
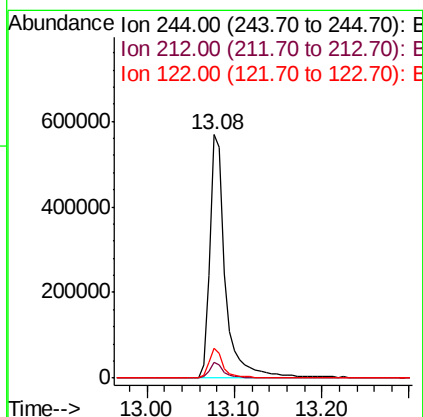
RT: 13.08 min Scan# 1826

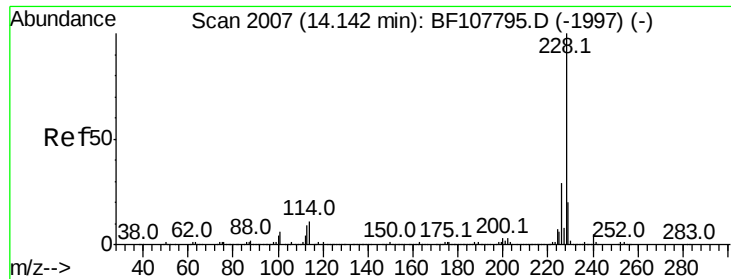
Delta R.T. -0.01 min

Lab File: BF107888.D

Acq: 1 Aug 2018 14:53

Tgt Ion:	244	Resp:	707826
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	12.4	11.0	16.4





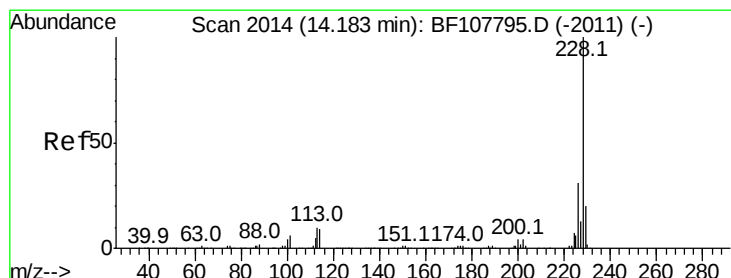
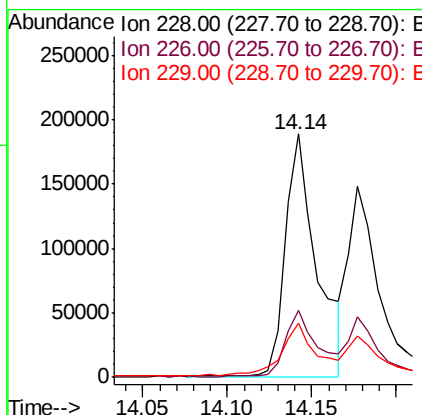
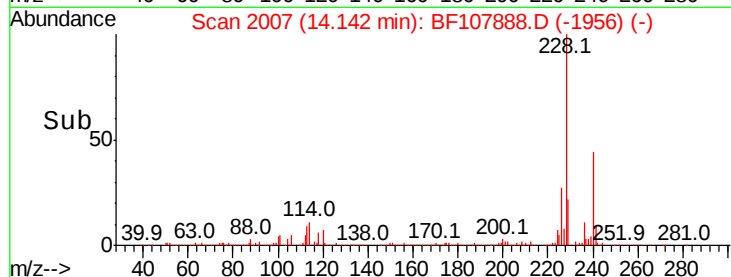
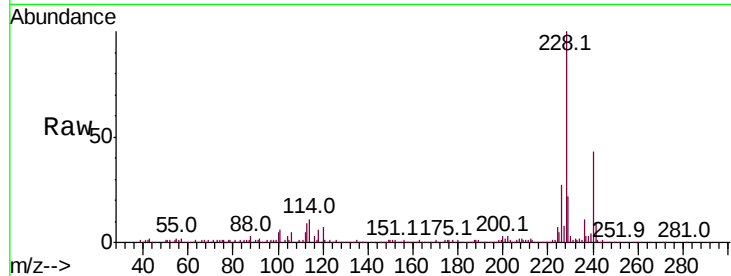
#80
Benzo(a)anthracene
Concen: 10.997 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tot Ion	Ratio	Resp	Lower	Upper
228	100	242842		
226	27.4	22.6	33.8	
229	22.4	15.8	23.6	

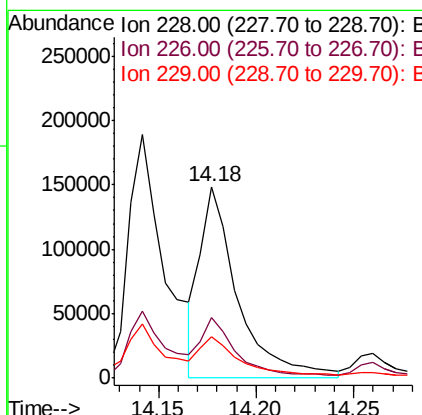
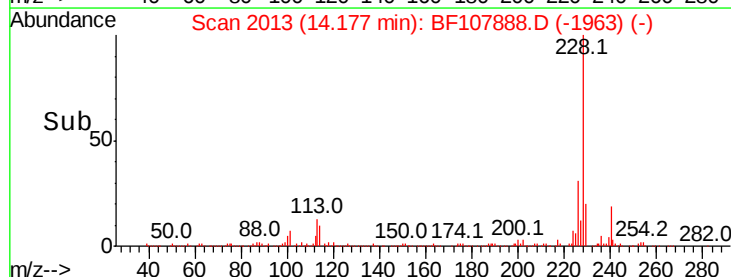
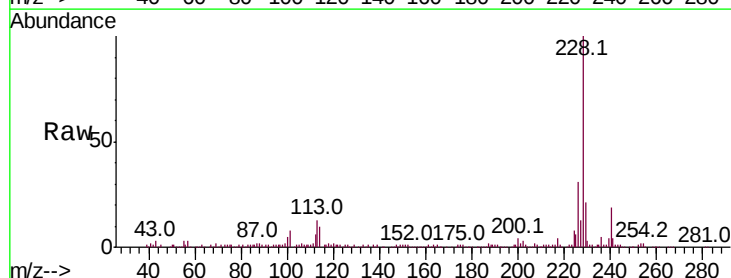
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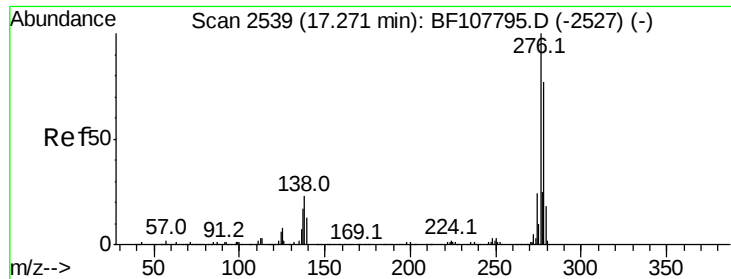
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#82
Chrysene
Concen: 8.322 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	198209		
226	31.5	25.0	37.6	
229	21.4	16.2	24.4	





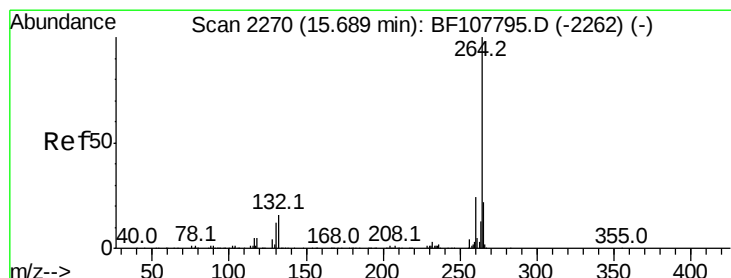
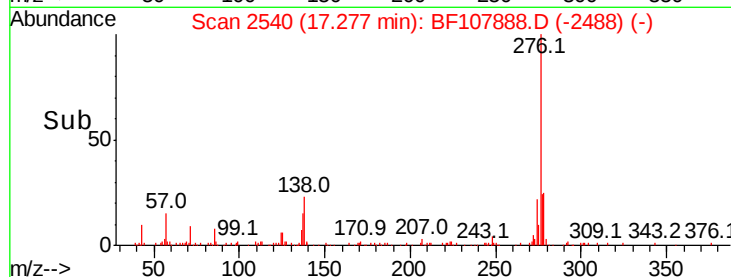
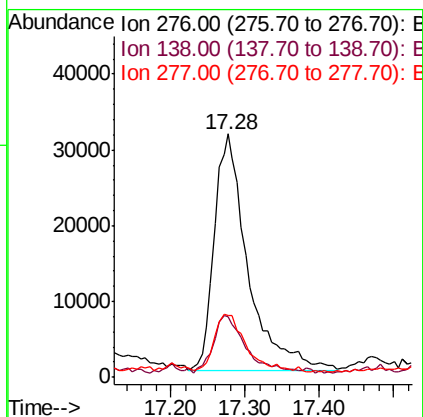
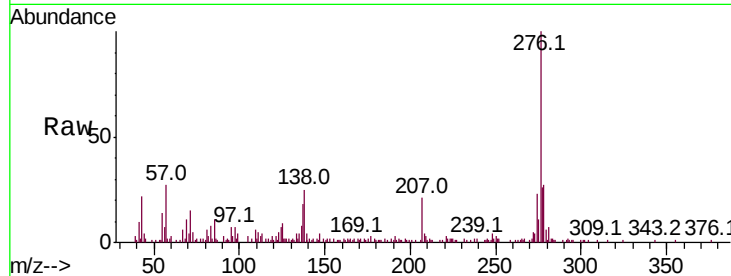
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.442 ng/ml
RT: 17.28 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.7	25.0	37.6#
277	3.6	20.1	30.1#

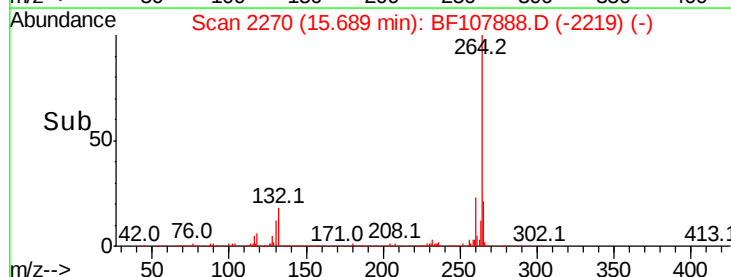
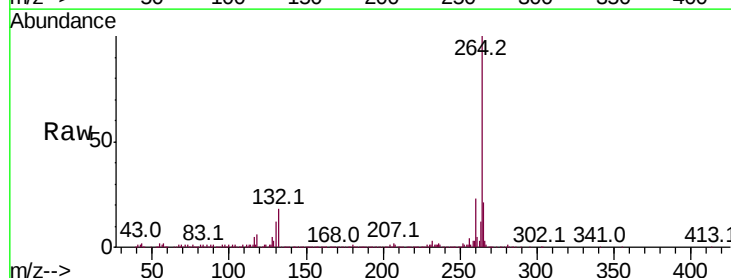
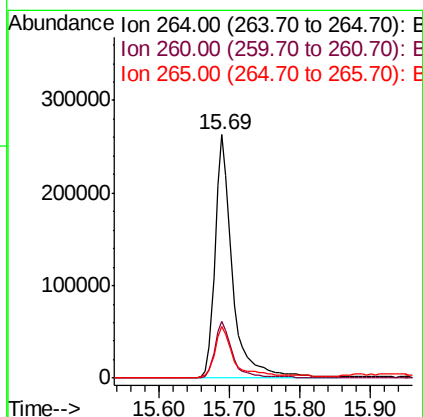
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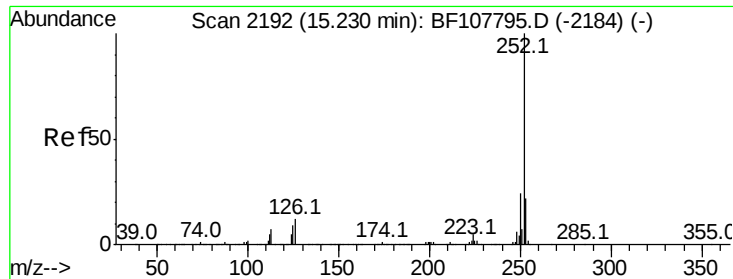
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3





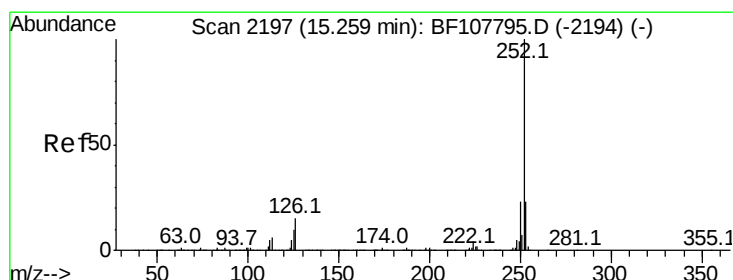
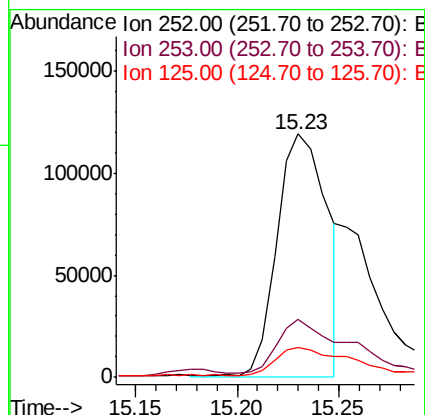
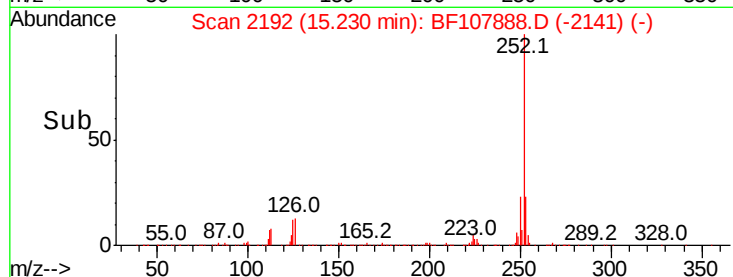
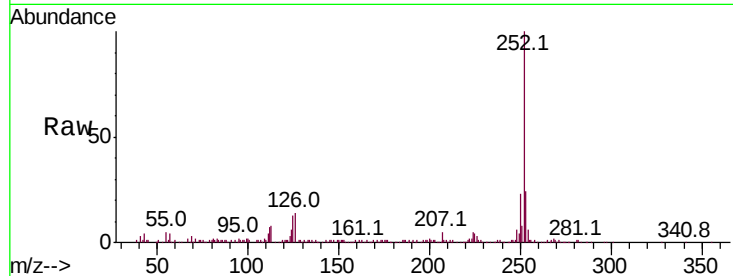
#87
Benzo(b)fluoranthene
Concen: 9.382 ng m
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	12.5	9.0	13.6

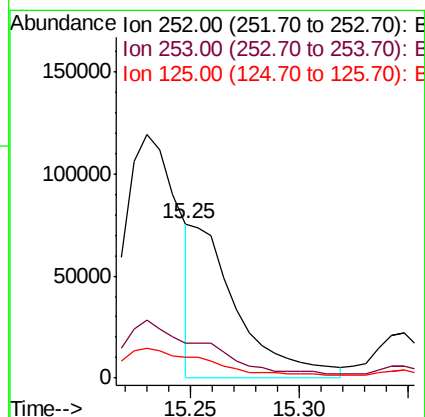
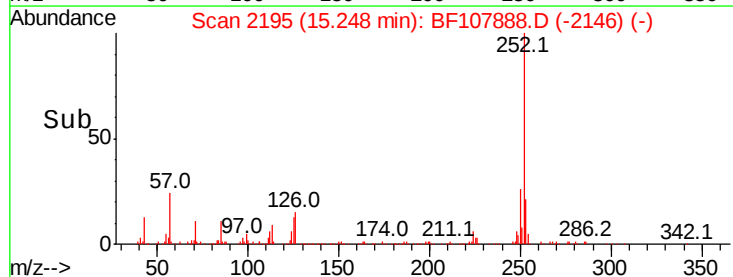
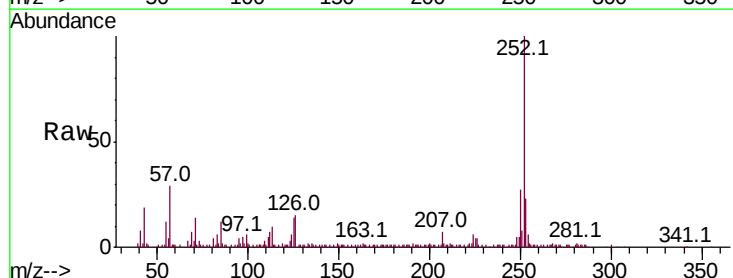
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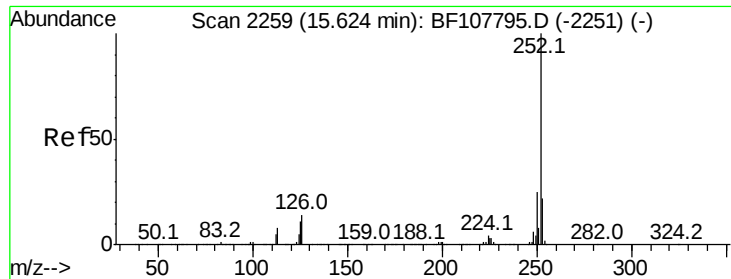
Sohil
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#88
Benzo(k)fluoranthene
Concen: 4.047 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	14.0	10.2	15.2





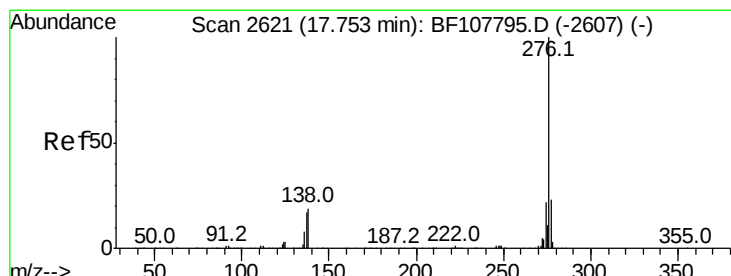
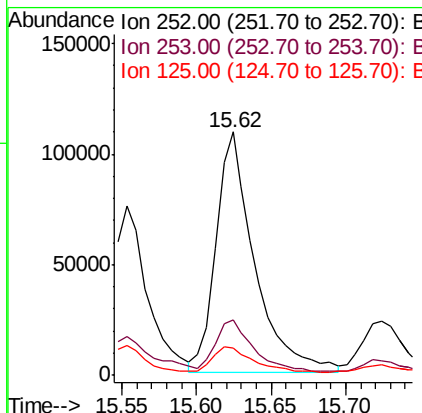
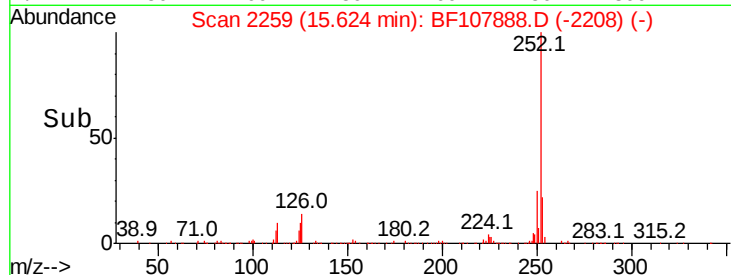
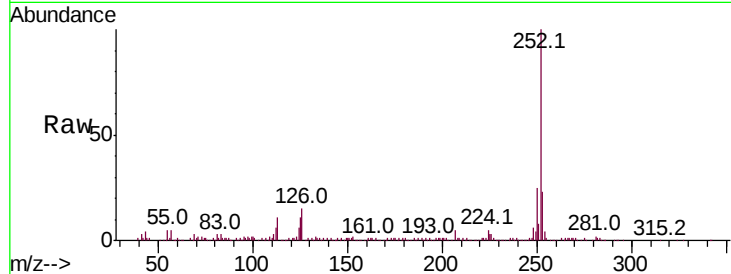
#89
Benzo(a)pyrene
Concen: 8.631 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampled :
FS-RO-226

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	11.4	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.821 ng
RT: 17.75 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	25.6	21.8	32.8

