

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107172.D
 Acq On : 6 Jul 2018 14:59
 Operator : JU/SJ
 Sample : J3818-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5002

Manual Integrations
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 7/9/2018 1:58:12 PM

Quant Time: Jul 09 03:47:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58273	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	235901	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	120729	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	218839	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	166869	20.00	ng	-0.03
86) Perylene-d12	15.67	264	177881	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	354614	103.05	ng	-0.01
7) Phenol-d6	6.59	99	457354	106.42	ng	-0.02
23) Nitrobenzene-d5	7.51	82	289116	68.11	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	150824	107.79	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	544023	74.44	ng	-0.02
78) Terphenyl-d14	13.07	244	524963	76.20	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	127060	14.032	ng	Qvalue 99
70) Phenanthrene	11.51	178	83994	7.958	ng	97
74) Fluoranthene	12.70	202	117980	10.141	ng	94
77) Pyrene	12.93	202	110463	10.039	ng	99
80) Benzo(a)anthracene	14.12	228	61220	6.020	ng	99
82) Chrysene	14.16	228	63878	6.827	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	48250	8.342	ng	100
85) Indeno(1,2,3-cd)pyrene	17.24	276	29799	3.753	ng	# 89
87) Benzo(b)fluoranthene	15.21	252	84682m	7.664	ng	
88) Benzo(k)fluoranthene	15.24	252	25878m	2.459	ng	
89) Benzo(a)pyrene	15.60	252	54548	5.553	ng	95
91) Benzo(a,h,i)perylene	17.72	276	27392	3.366	ng	# 88

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

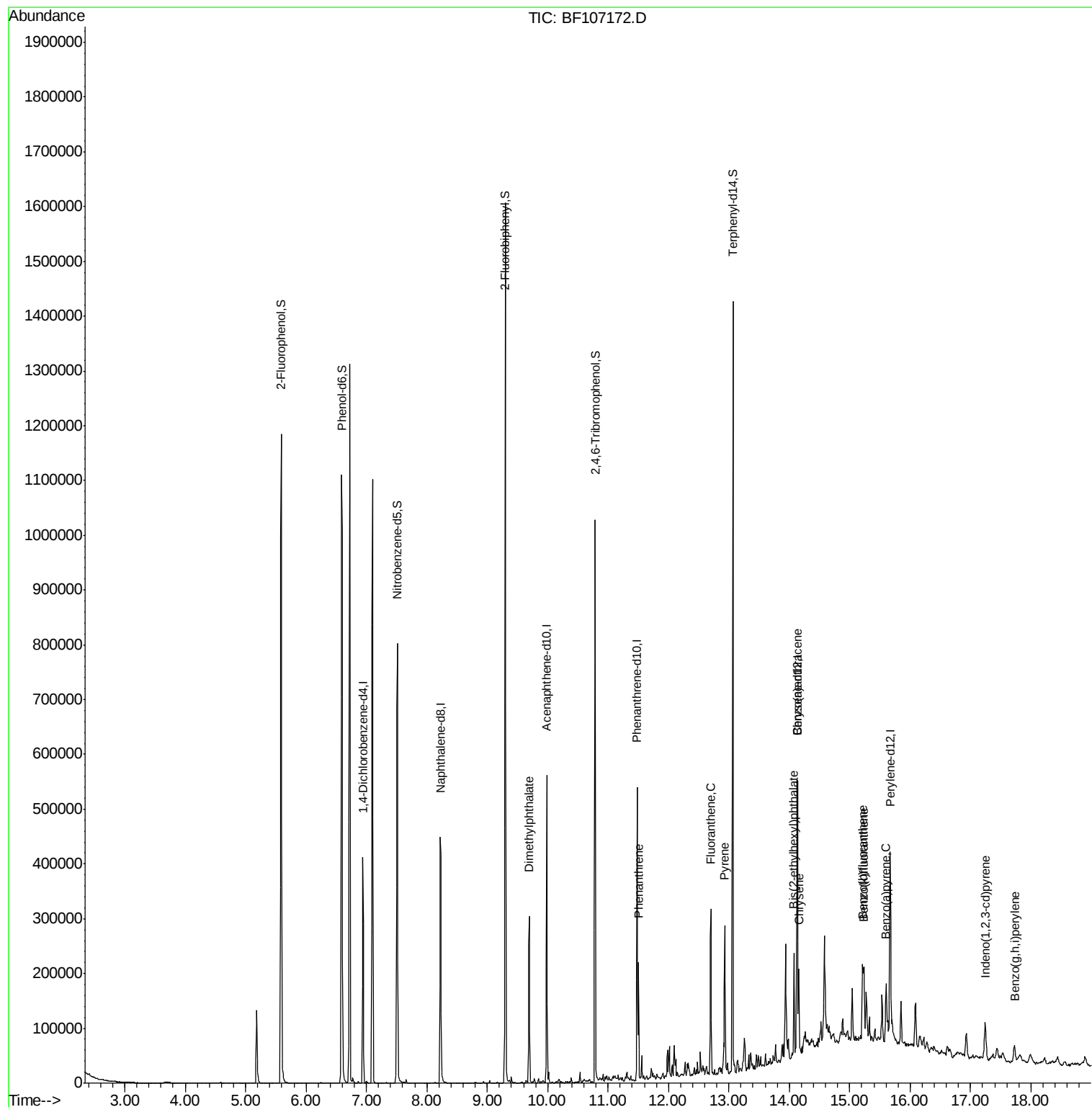
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107172.D
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Operator : JU/SJ
Sample : J3818-01
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ALS Vial : 7 Sample Multiplier: 1

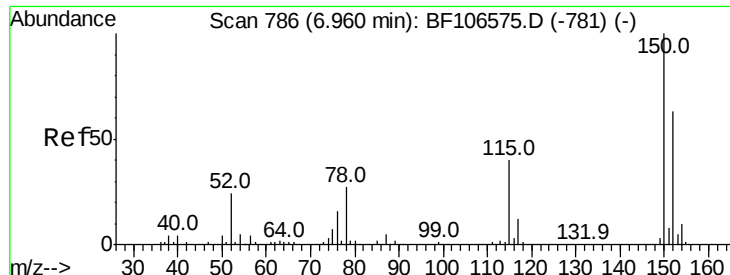
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

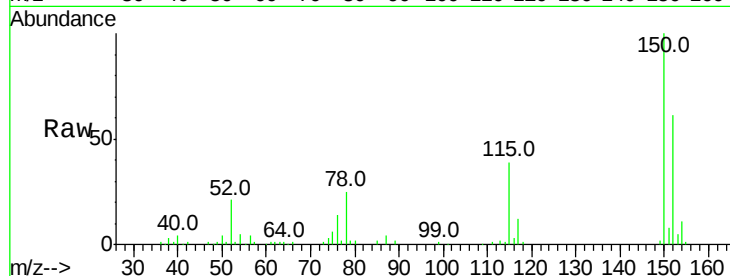
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampled :
5002

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.6	186.8
115	62.7	50.1	75.1

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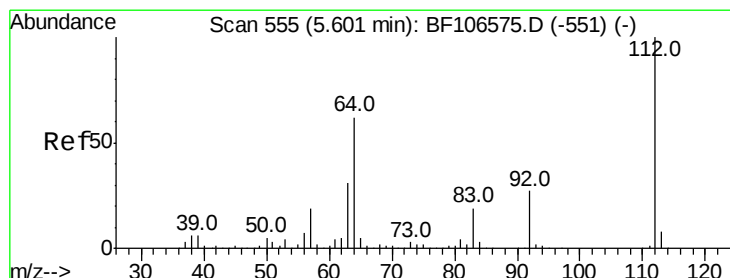
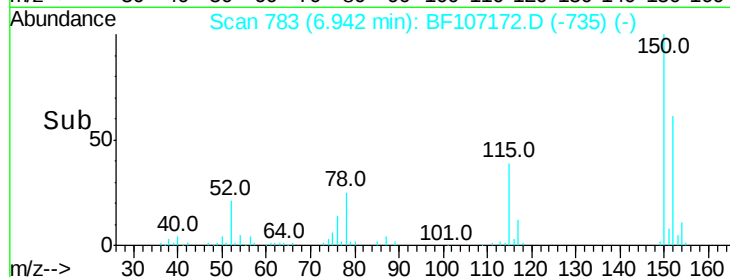
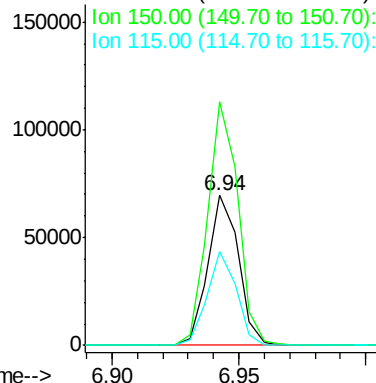


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

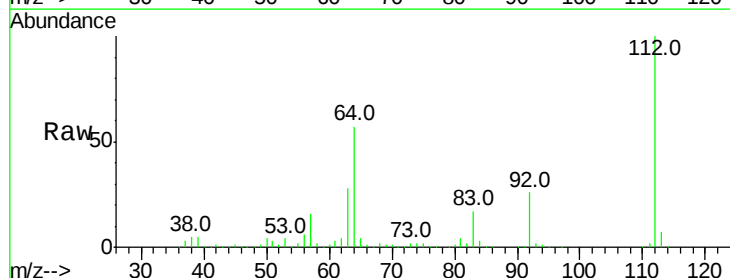
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.045 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	28.3	23.7	35.5

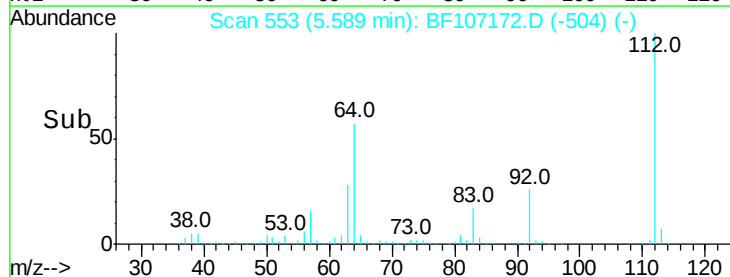
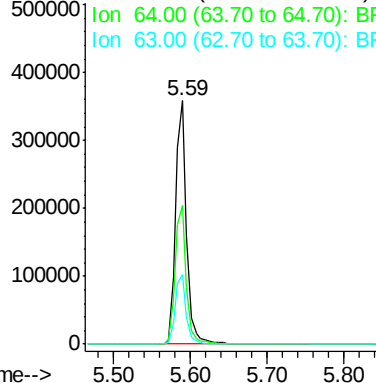


Abundance

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: 106.421 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107172.D

Acq: 6 Jul 2018 14:59

Instrument :

BNA_F

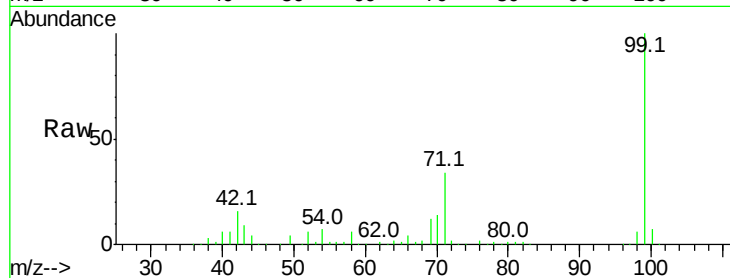
ClientSampled :

5002

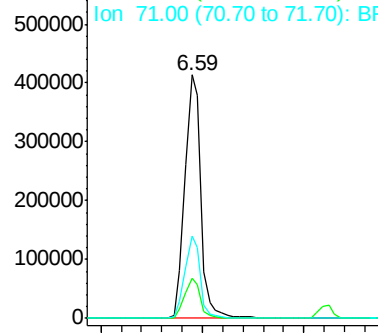
Tot Ion:	99	Resp:	457354
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	33.8	25.4	38.0

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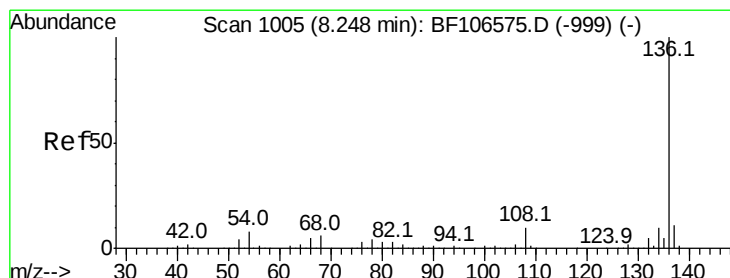
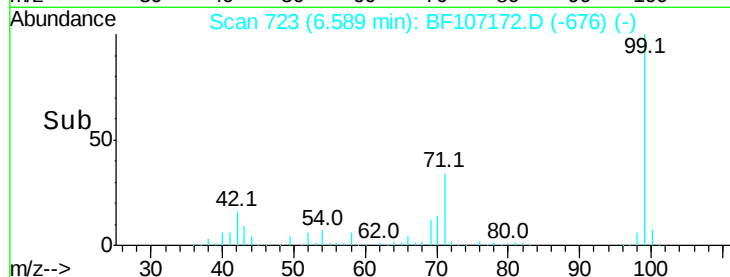
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1001

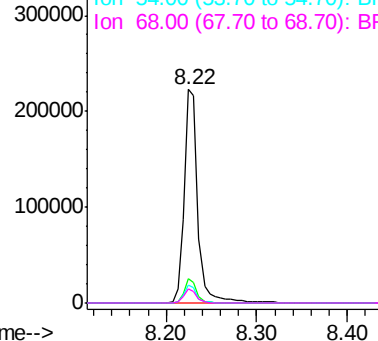
Delta R.T. -0.02 min

Lab File: BF107172.D

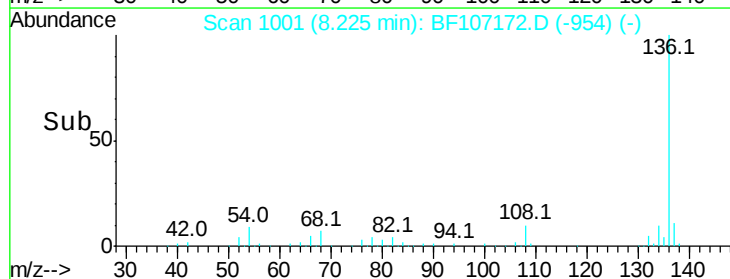
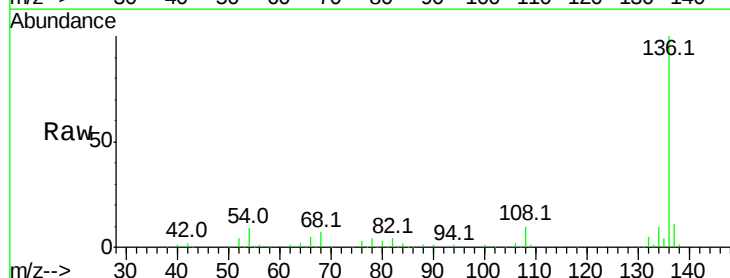
Acq: 6 Jul 2018 14:59

Tgt Ion:	136	Resp:	235901
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.7	6.6	9.8
68	6.7	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->





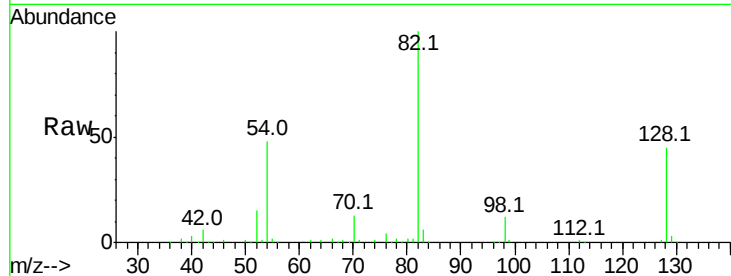
#23
 Nitrobenzene-d5
 Concen: 68.110 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF107172.D
 Acq: 6 Jul 2018 14:59

Instrument :
 BNA_F
 ClientSampled :
 5002

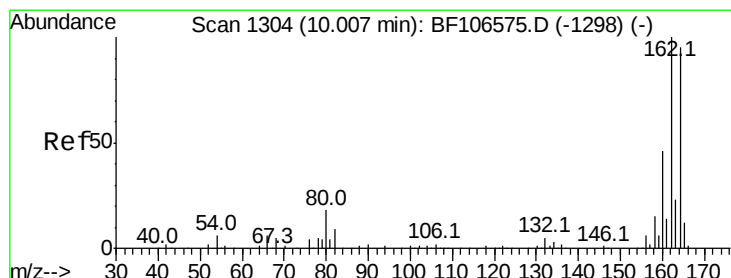
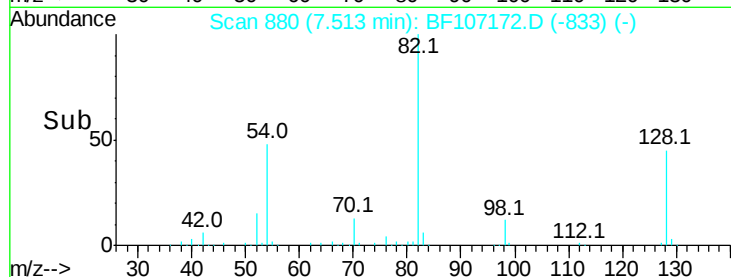
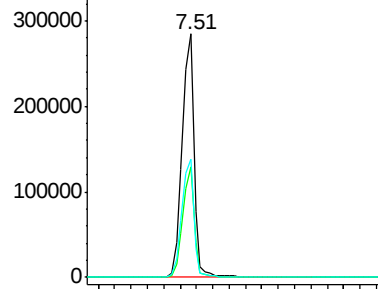
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	36.1	54.1	
54	48.3	41.4	62.2	

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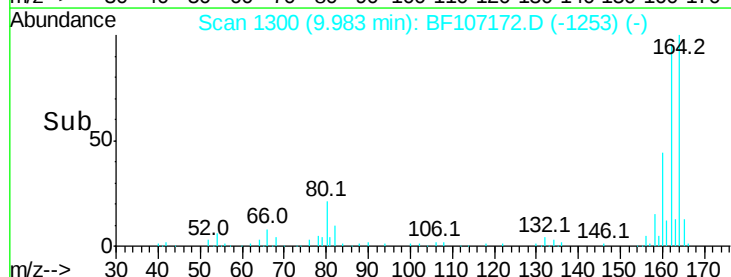
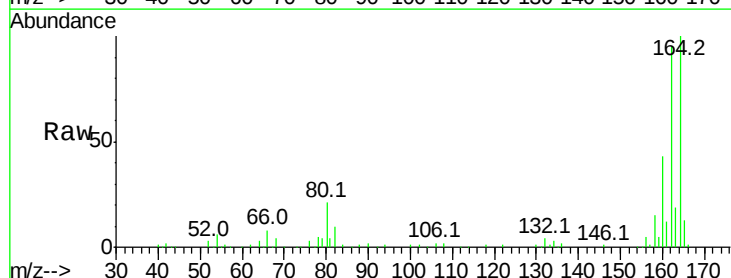
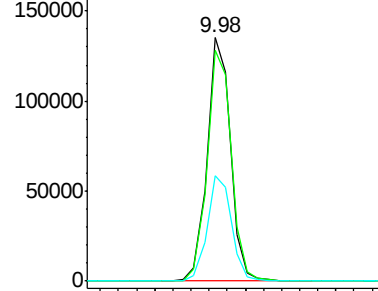
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

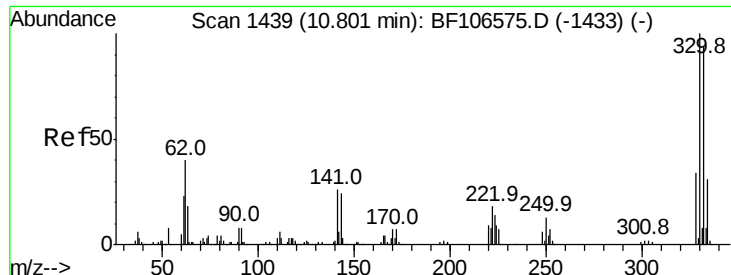


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107172.D
 Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	94.9	86.1	129.1	
160	43.3	38.3	57.5	

Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





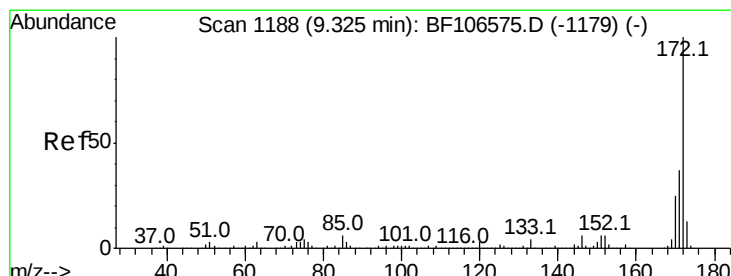
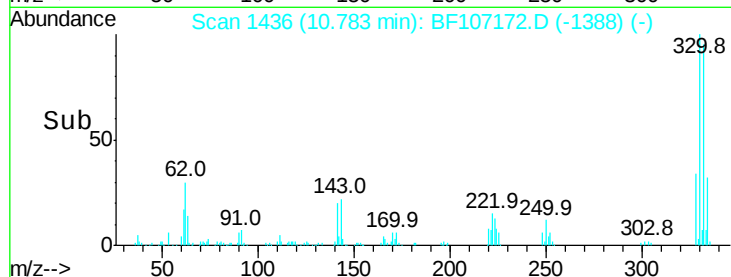
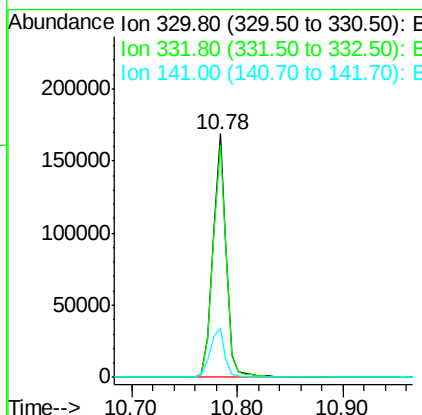
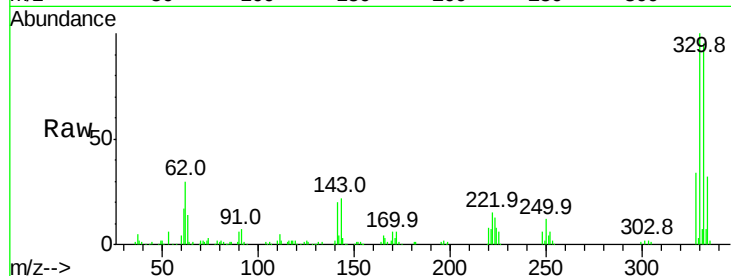
#41
 2,4,6-Tribromophenol
 Concen: 107.787 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107172.D
 Acq: 6 Jul 2018 14:59

Instrument :
 BNA_F
 ClientSampleId :
 5002

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	22.1	29.9	44.9	

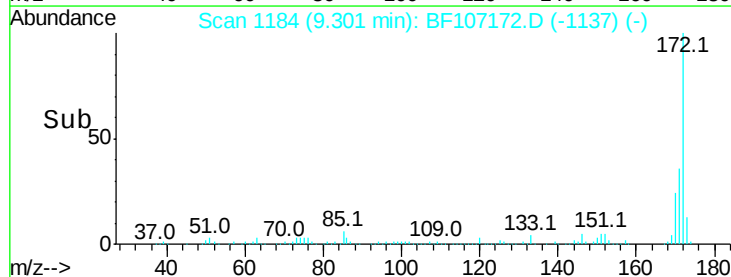
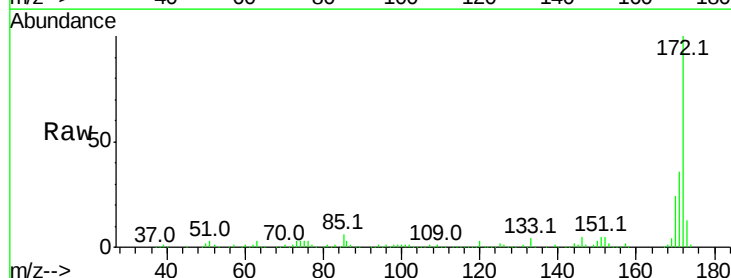
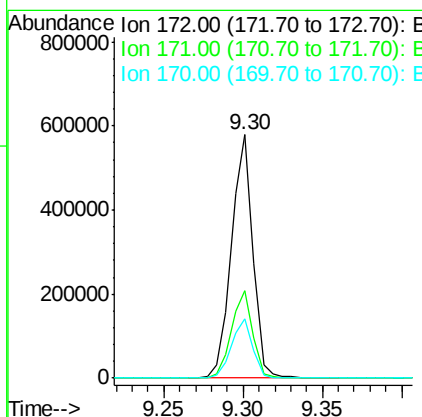
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#44
 2-Fluorobiphenyl
 Concen: 74.440 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107172.D
 Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.7	44.5	
170	24.3	19.6	29.4	





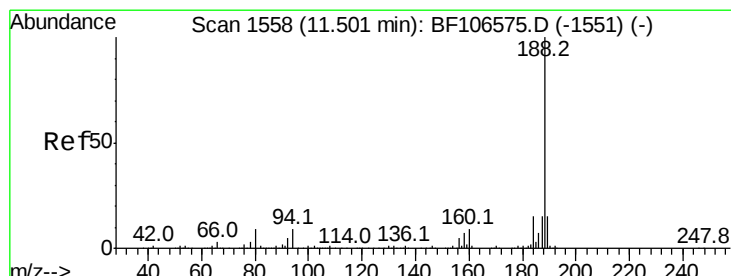
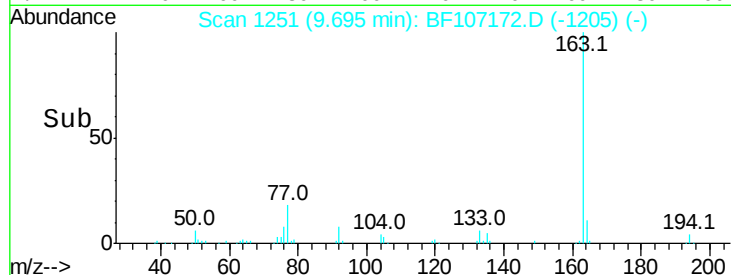
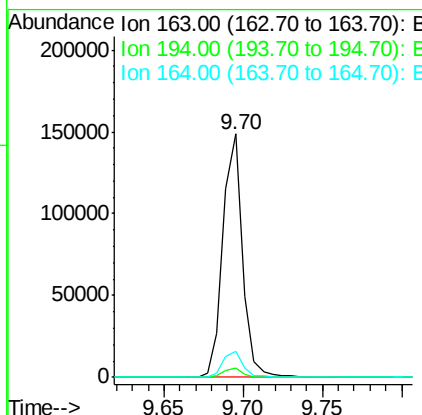
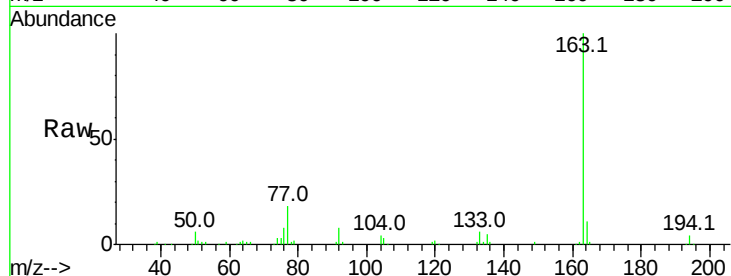
#49
Dimethylphthalate
Concen: 14.032 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tot Ion	Ratio	Resp	Lower	Upper
163	100	127060		
194	4.0		2.7	4.1
164	10.6		8.2	12.2

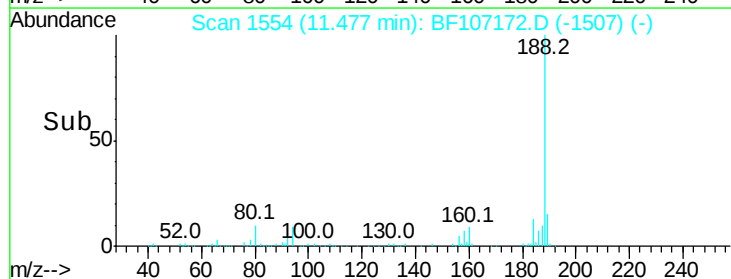
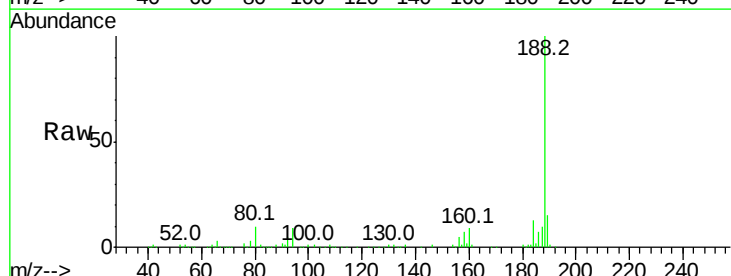
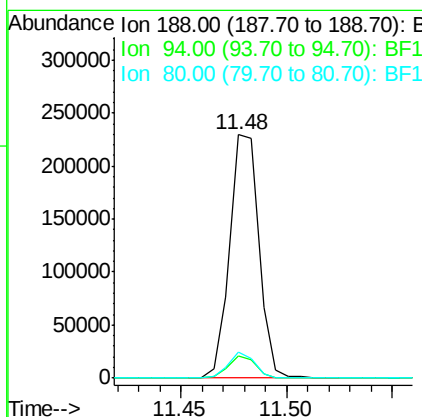
Manual Integrations
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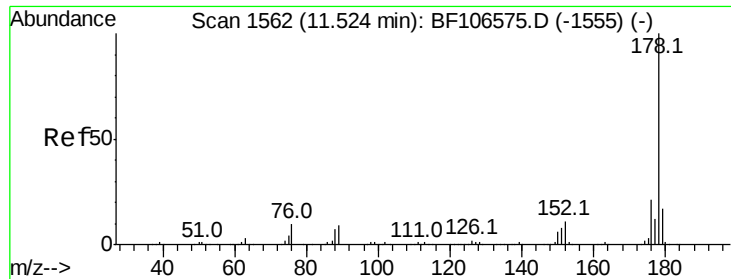
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	218839		
94	9.3		8.5	12.7
80	10.5		9.2	13.8





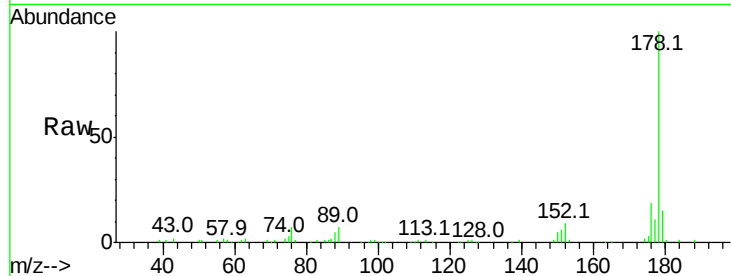
#70
Phenanthrene
Concen: 7.958 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

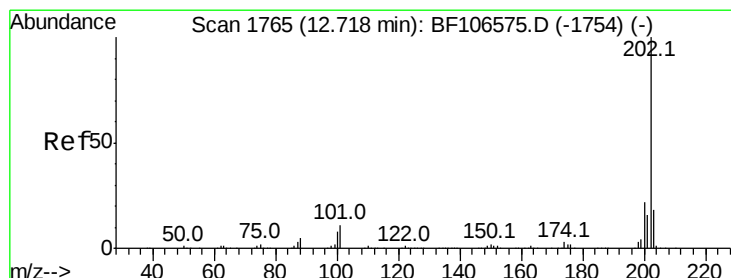
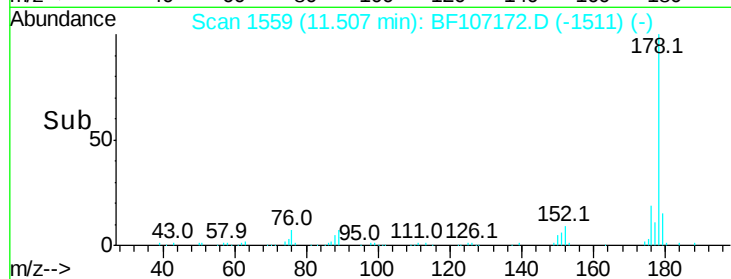
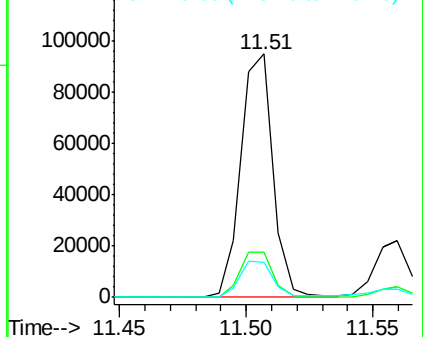
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.6	13.0	19.6

Manual Integrations
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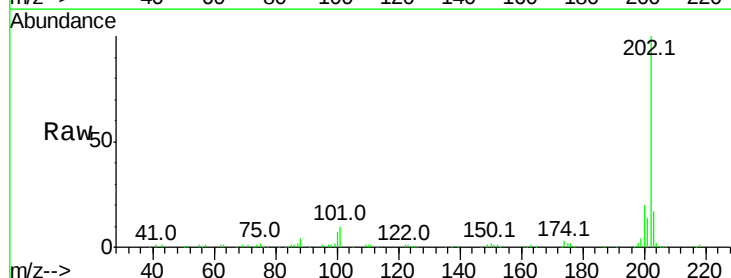


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

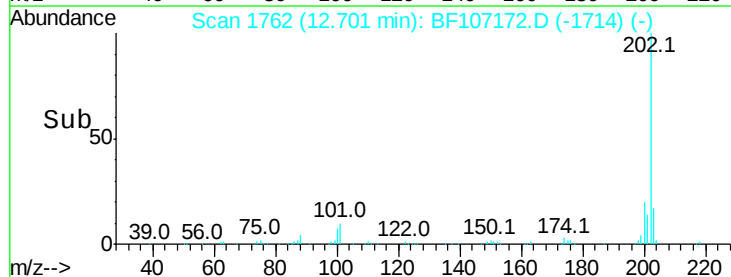
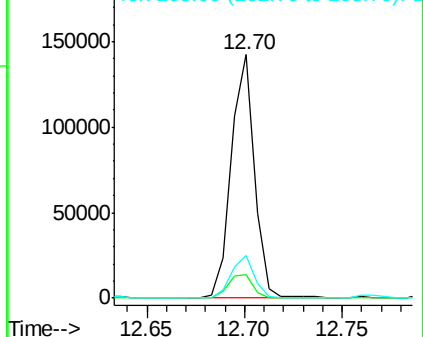


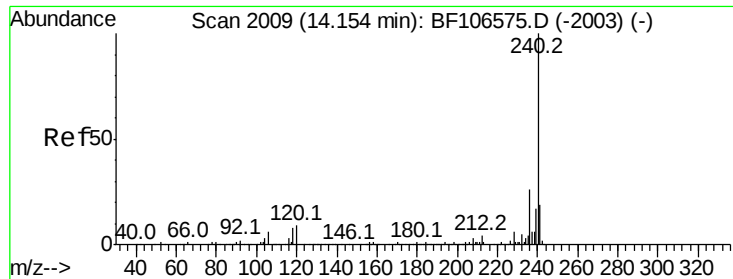
#74
Fluoranthene
Concen: 10.141 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.1
203	17.3	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





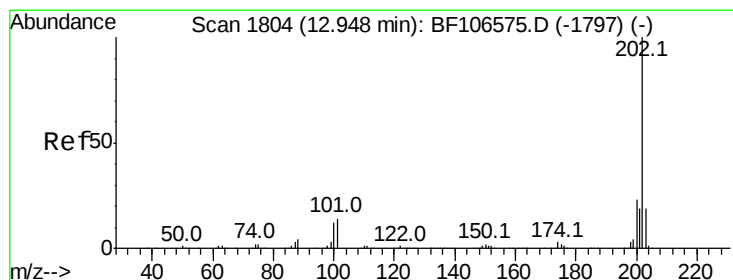
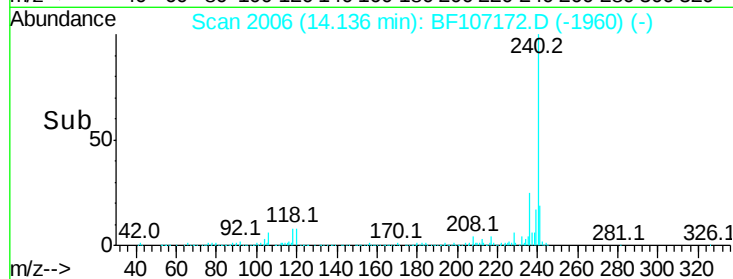
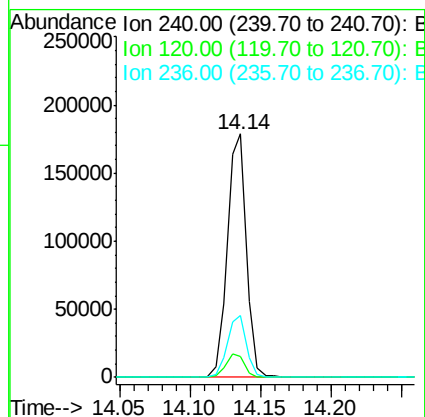
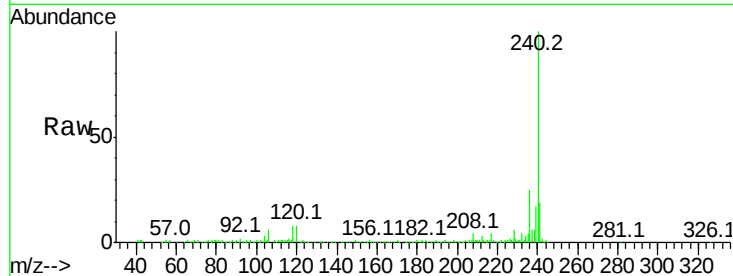
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.5	9.5	14.3#
236	25.3	20.7	31.1

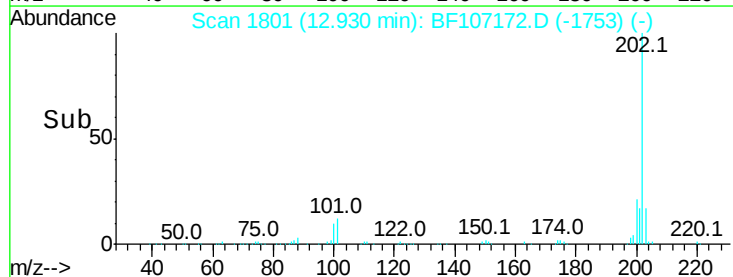
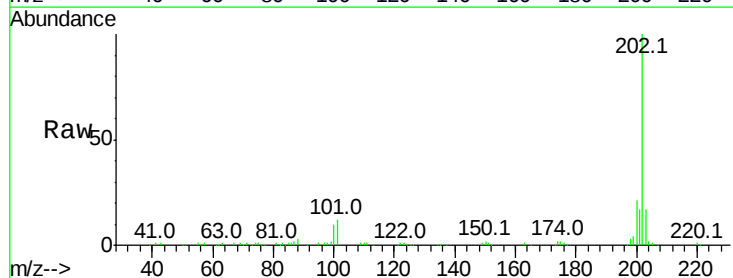
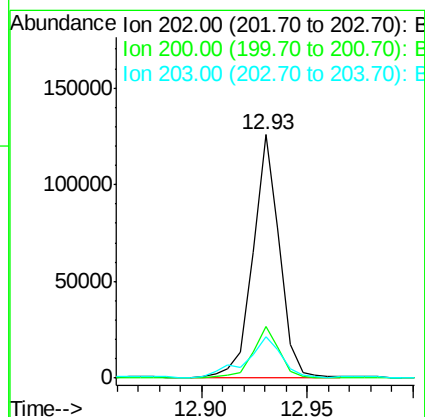
Manual Integrations
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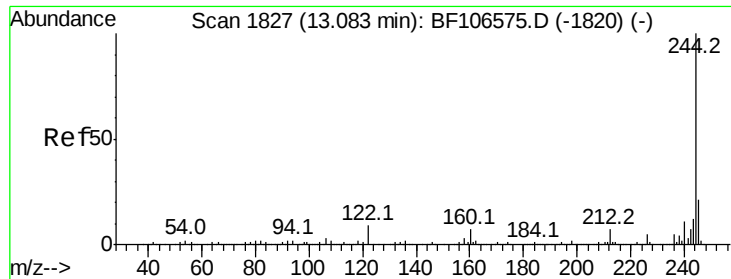
Sohil
7/9/2018 1:58:12 PM



#77
Pyrene
Concen: 10.039 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.4	17.4	26.2
203	17.2	14.3	21.5





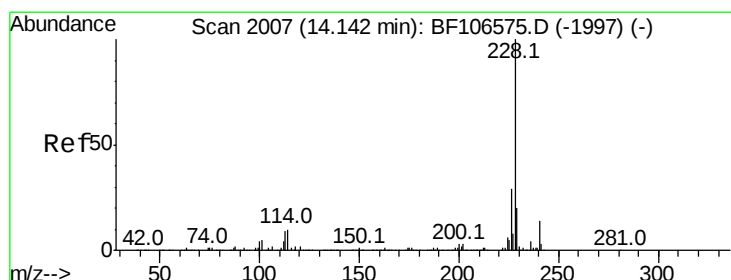
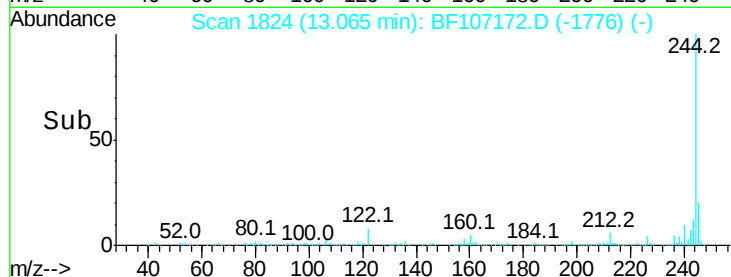
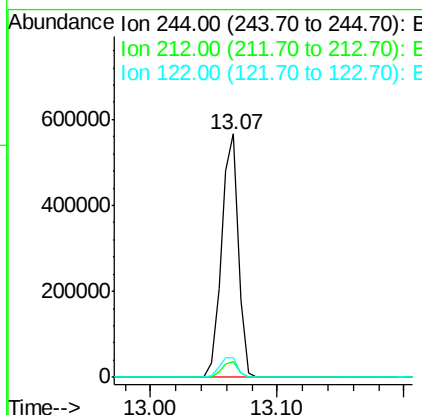
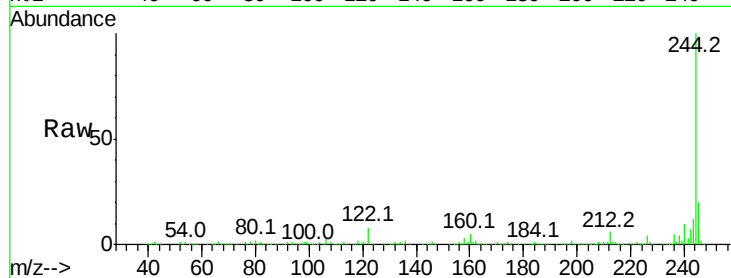
#78
 Terphenyl-d14
 Concen: 76.205 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107172.D
 Acq: 6 Jul 2018 14:59

Instrument :
 BNA_F
 ClientSampled :
 5002

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.3	11.0	16.4

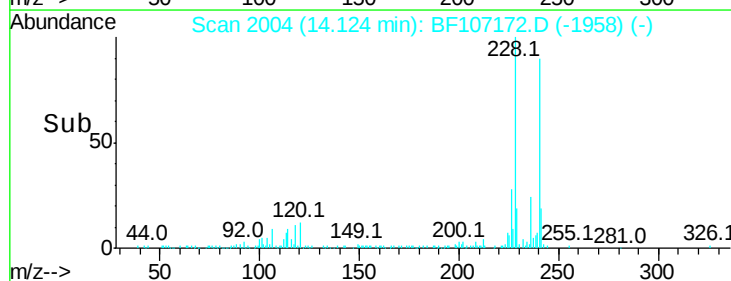
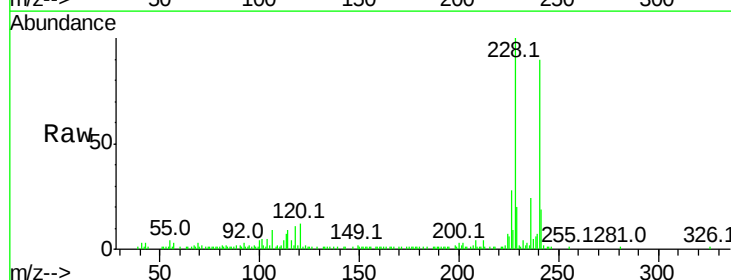
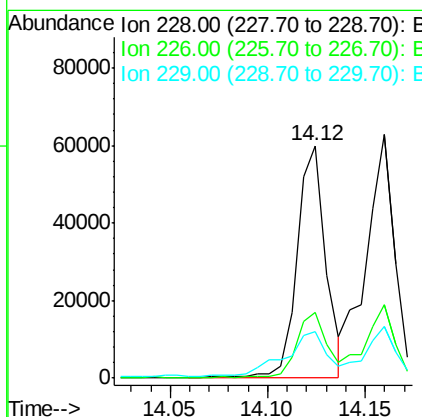
Manual Integrations
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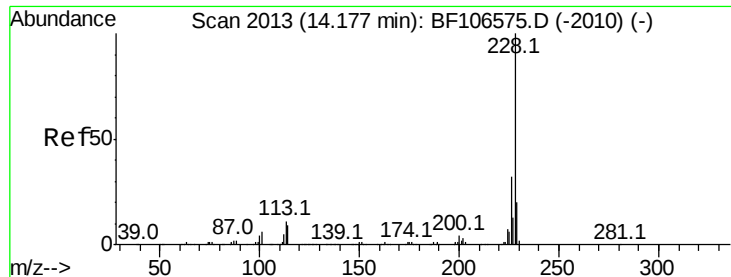
Sohil
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#80
 Benzo(a)anthracene
 Concen: 6.020 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107172.D
 Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.1	15.8	23.6





#82

Chrysene

Concen: 6.827 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.04 min

Lab File: BF107172.D

Acq: 6 Jul 2018 14:59

Instrument :

BNA_F

ClientSampleId :

5002

Tot Ion:228 Resp: 63878

Ion Ratio Lower Upper

228 100

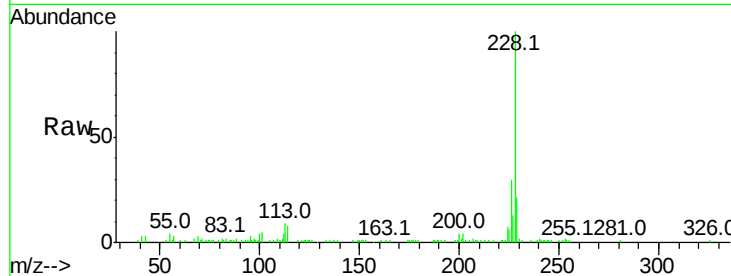
226 30.0 25.0 37.6

229 21.1 16.2 24.4

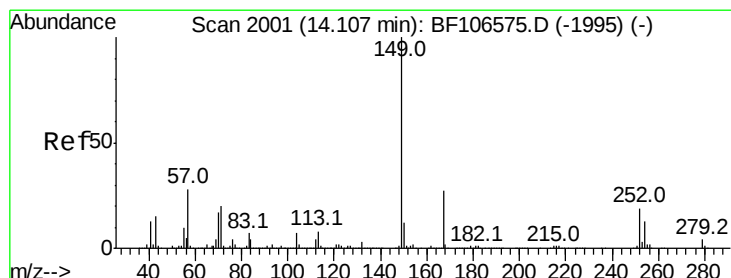
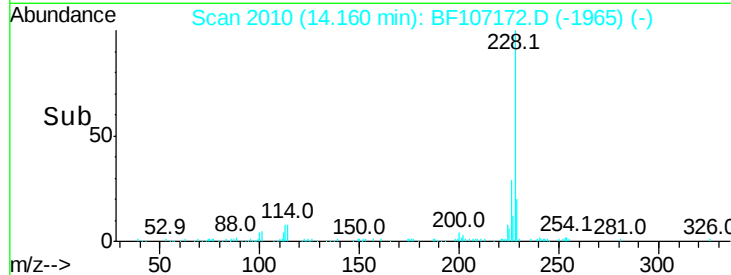
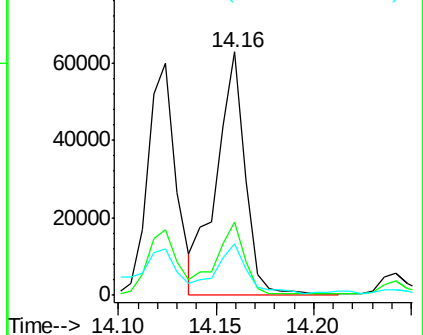
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.342 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107172.D

Acq: 6 Jul 2018 14:59

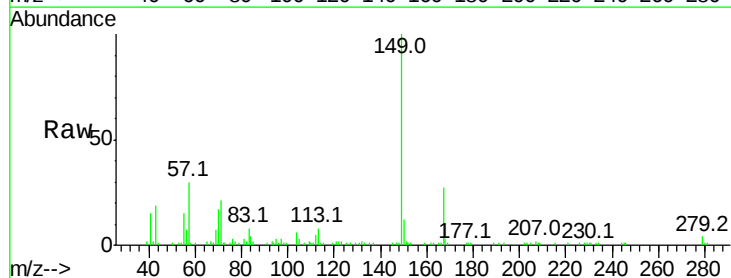
Tgt Ion:149 Resp: 48250

Ion Ratio Lower Upper

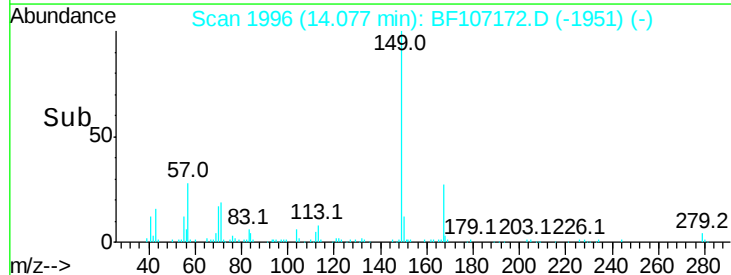
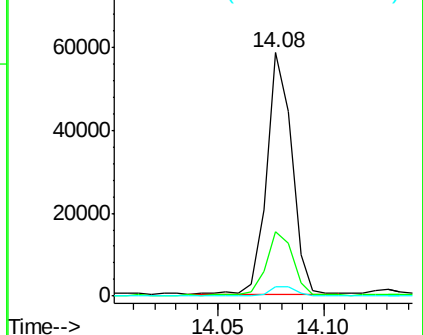
149 100

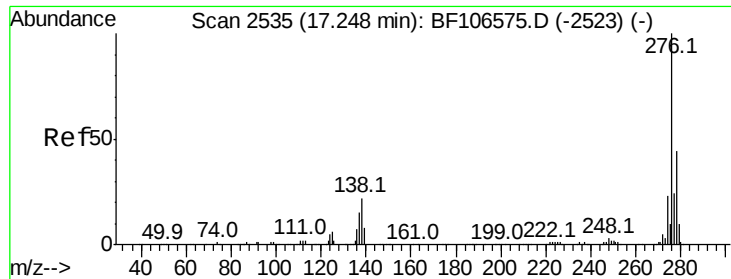
167 26.7 21.3 31.9

279 3.7 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





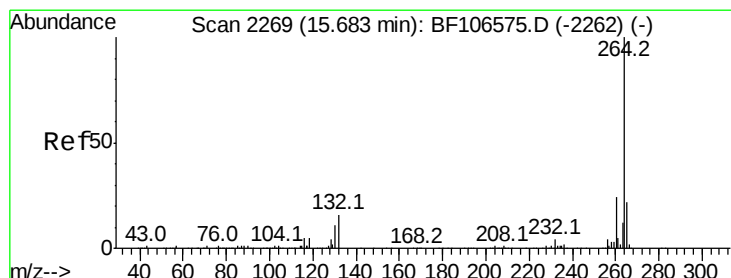
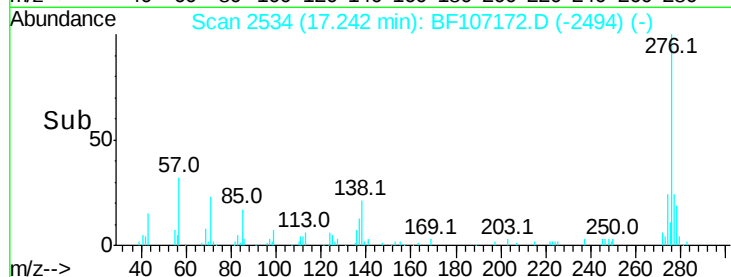
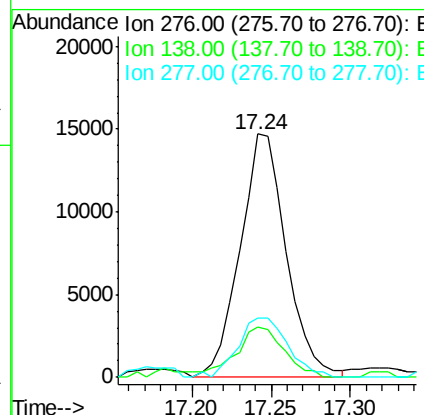
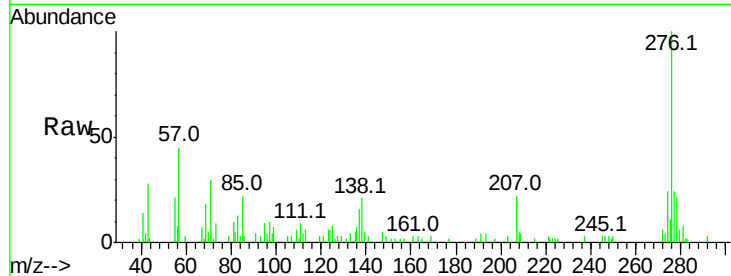
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.753 ng
RT: 17.24 min Scan# 2534
Delta R.T. -0.06 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.0	37.6#
277	26.4	20.1	30.1

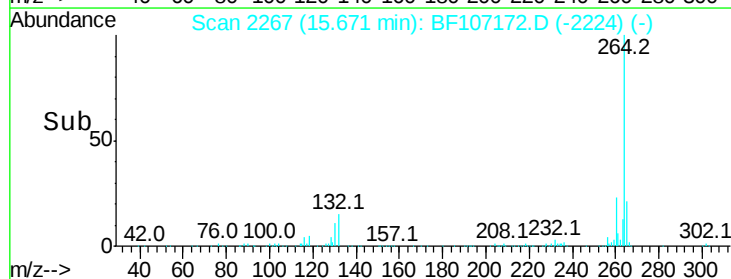
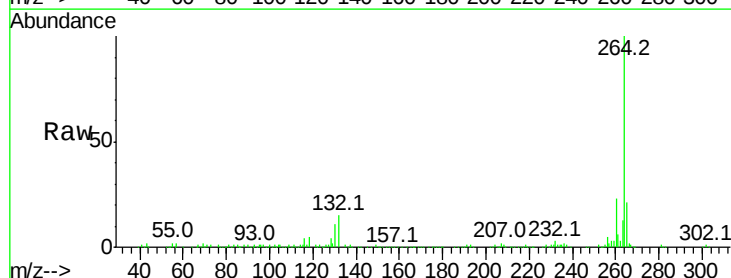
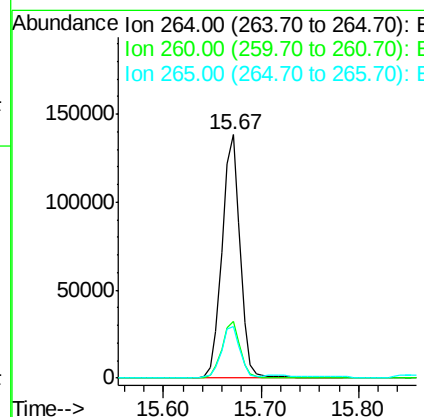
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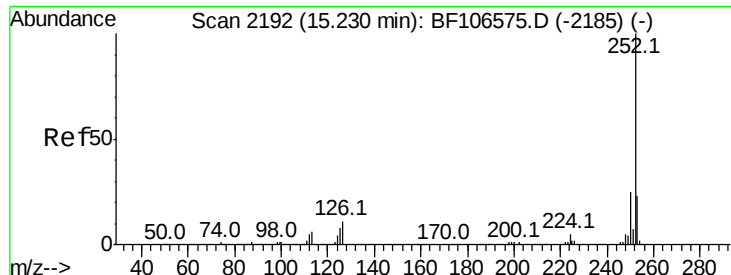
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.3	17.5	26.3





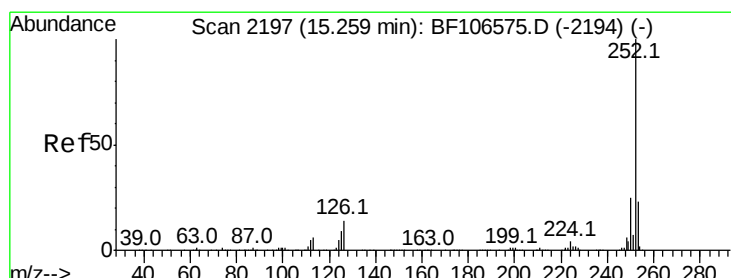
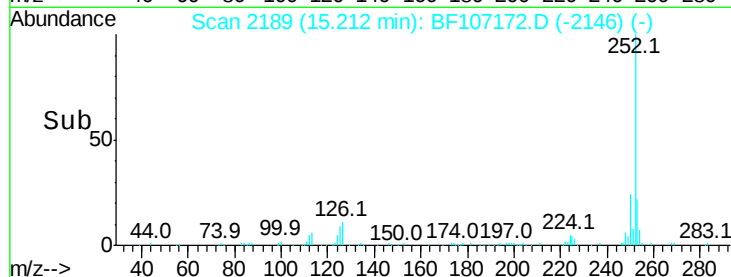
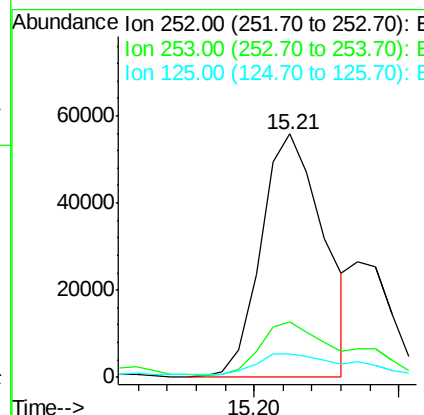
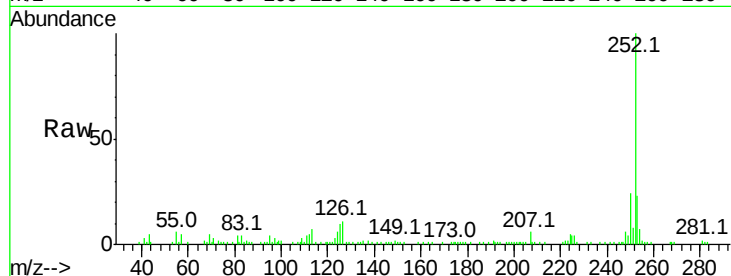
#87
Benzo(b)fluoranthene
Concen: 7.664 ng m
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampleId :
5002

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.9	9.0	13.6

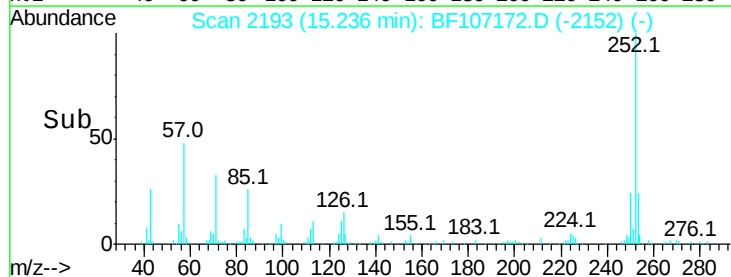
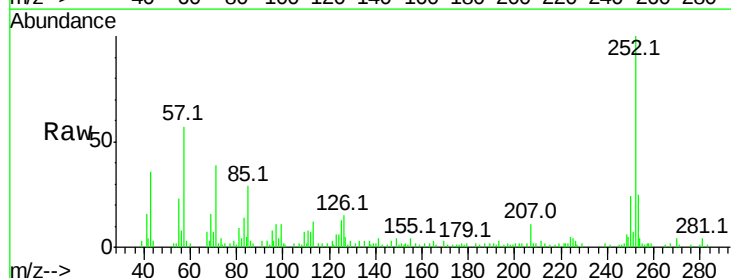
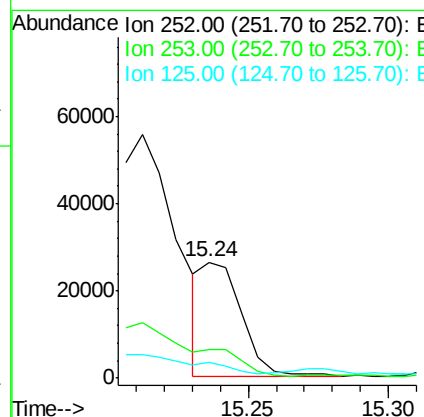
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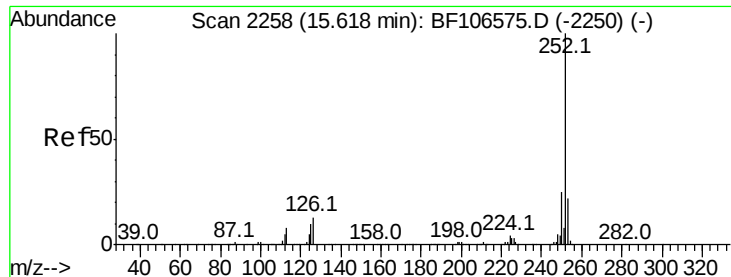
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#88
Benzo(k)fluoranthene
Concen: 2.459 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	13.4	10.2	15.2





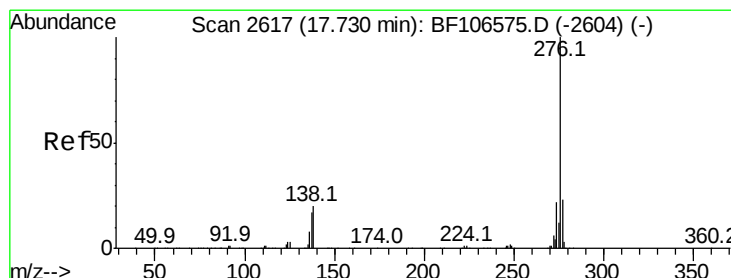
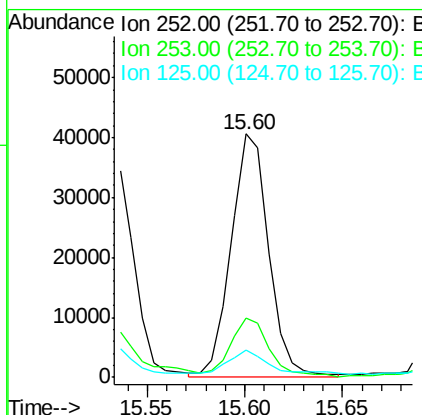
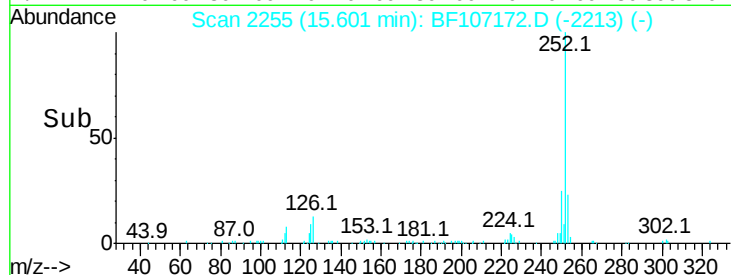
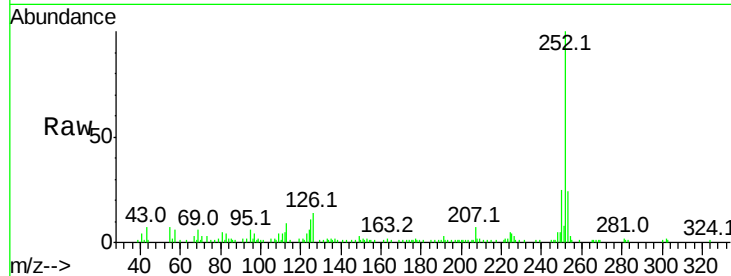
#89
Benzo(a)pyrene
Concen: 5.553 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Instrument :
BNA_F
ClientSampled :
5002

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	11.0	9.8	14.6

Manual Integrations
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7/9/2018 1:58:12 PM



#91
Benzo(g,h,i)perylene
Concen: 3.366 ng
RT: 17.72 min Scan# 2616
Delta R.T. -0.06 min
Lab File: BF107172.D
Acq: 6 Jul 2018 14:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.0	17.9	26.9#
138	20.8	21.8	32.8#

