

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107171.D
 Acq On : 6 Jul 2018 14:32
 Operator : JU/SJ
 Sample : J3826-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-070218

Manual Integrations
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Quant Time: Jul 06 16:20:25 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	56979	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	235156	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	121317	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	232540	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	170349	20.00	ng	-0.03
86) Perylene-d12	15.67	264	178794	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	306253	91.01	ng	-0.01
7) Phenol-d6	6.59	99	400963	95.42	ng	-0.02
23) Nitrobenzene-d5	7.51	82	247481	58.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	121024	86.07	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	479765	63.14	ng	-0.02
78) Terphenyl-d14	13.07	244	498387	70.87	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	80325	8.828	ng	99
70) Phenanthrene	11.50	178	46551	4.150	ng	98
74) Fluoranthene	12.70	202	105015	8.495	ng	94
77) Pyrene	12.93	202	135255	12.041	ng	98
80) Benzo(a)anthracene	14.12	228	76840	7.401	ng	94
82) Chrysene	14.16	228	78647	8.234	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	39048	4.817	ng	# 88
87) Benzo(b)fluoranthene	15.21	252	98122m	8.835	ng	
88) Benzo(k)fluoranthene	15.24	252	34655m	3.277	ng	
89) Benzo(a)pyrene	15.60	252	76016	7.699	ng	95
91) Benzo(g,h,i)perylene	17.73	276	36699	4.487	ng	# 89

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

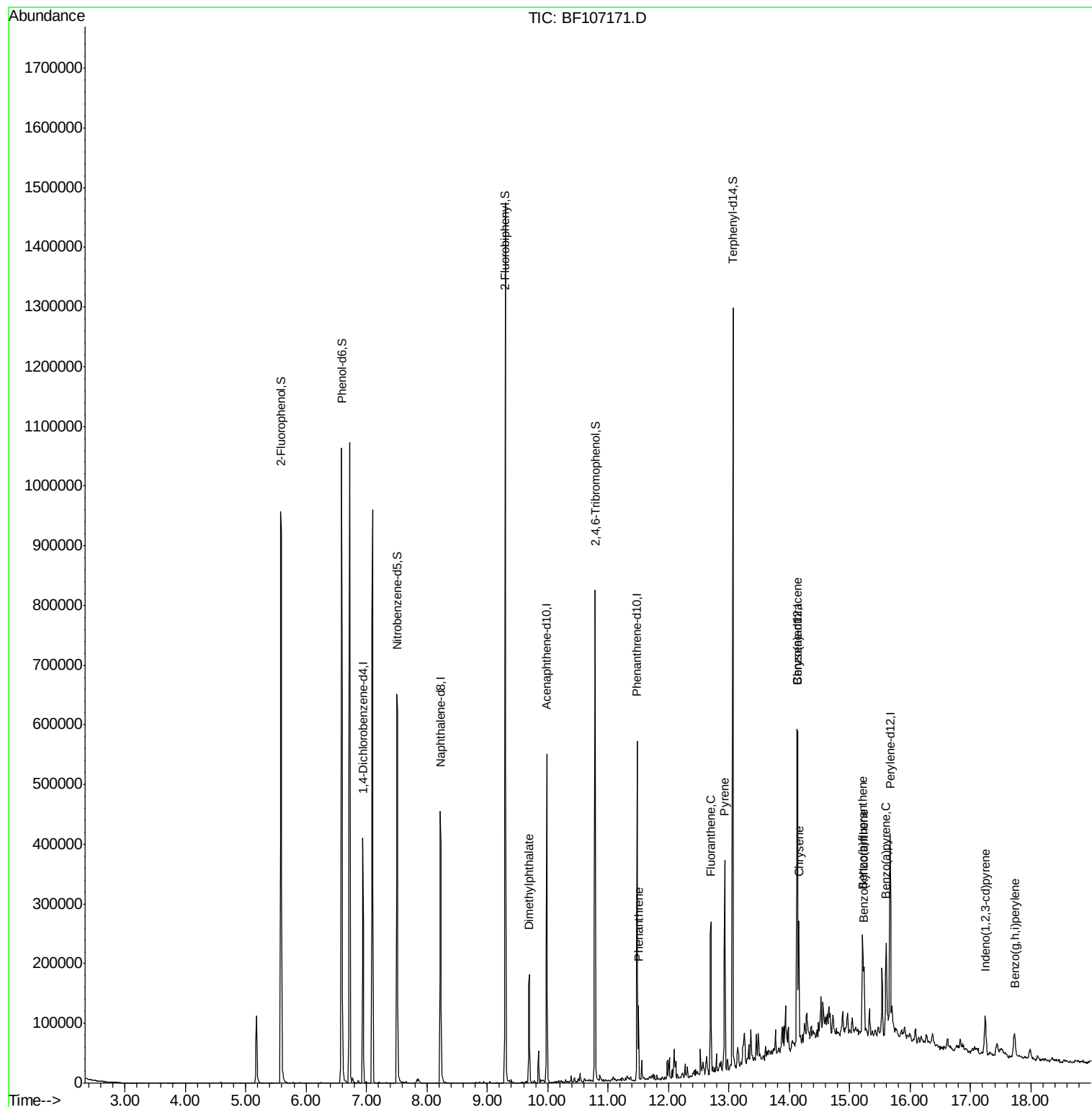
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107171.D
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Sample : J3826-01
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ALS Vial : 6 Sample Multiplier: 1

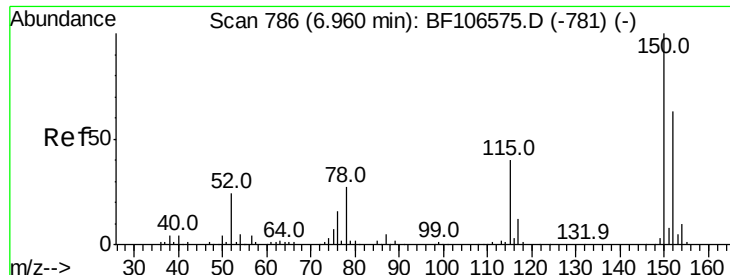
Instrument :
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OK-03-070218

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

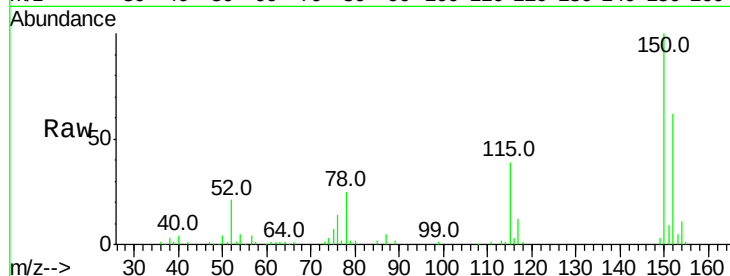
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

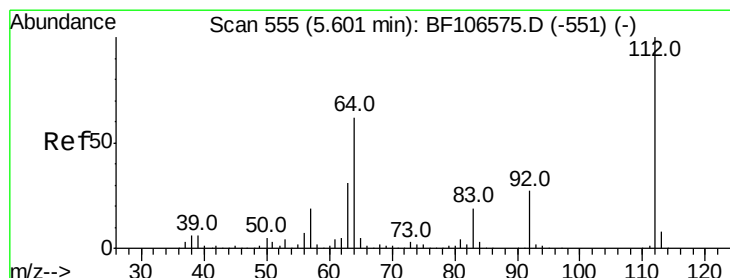
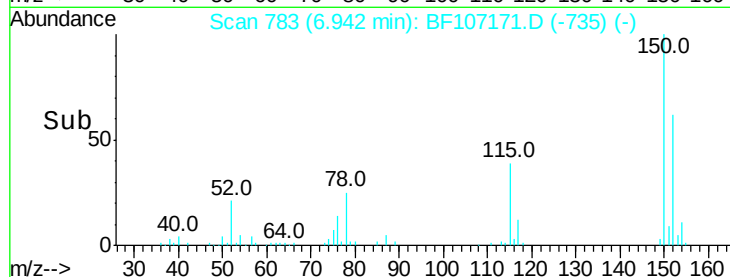
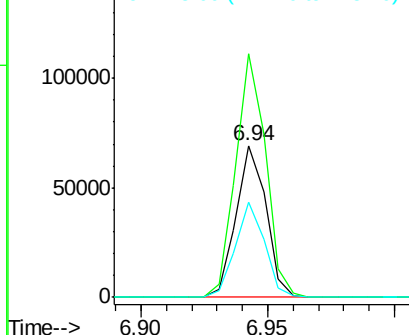
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	62.9	50.1	75.1

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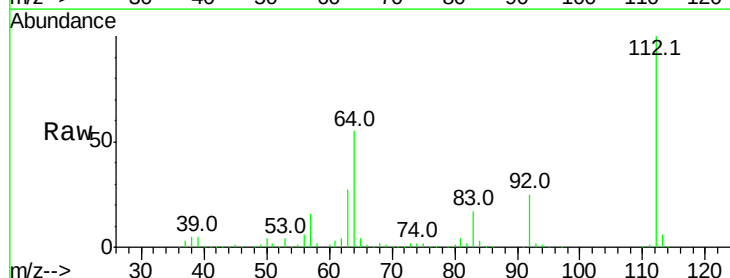
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



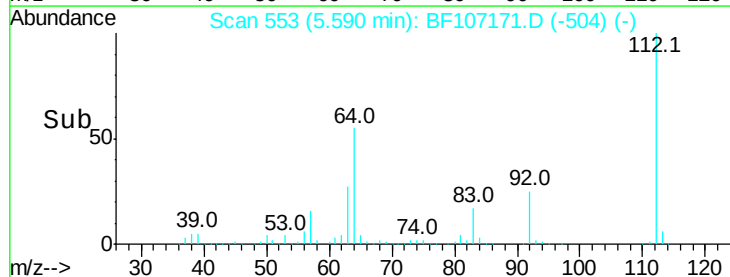
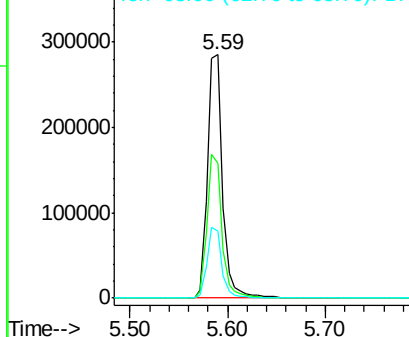
#5

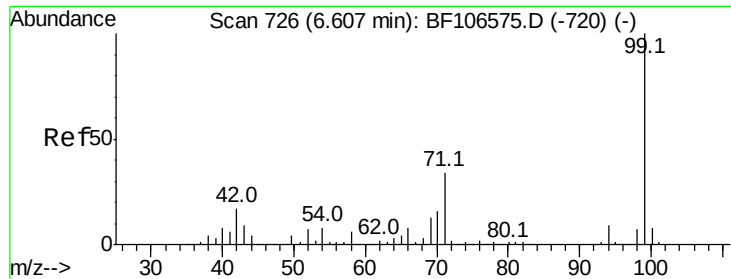
2-Fluorophenol
Concen: 91.013 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	27.5	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: 95.419 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107171.D

Acq: 6 Jul 2018 14:32

Instrument :

BNA_F

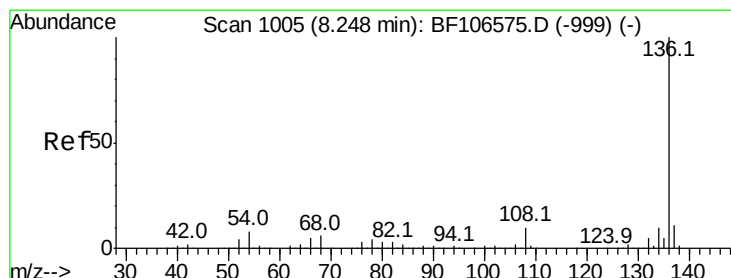
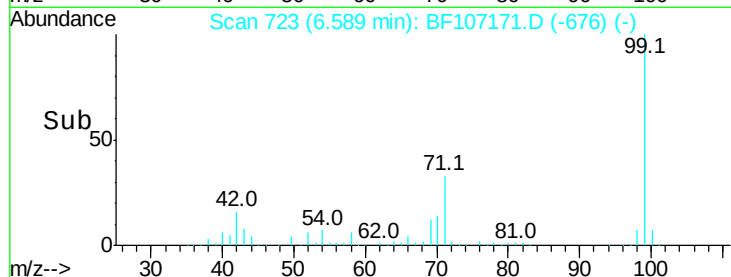
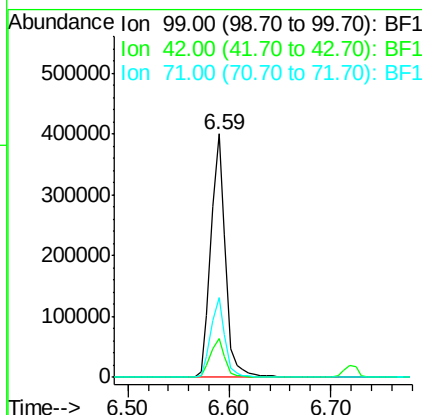
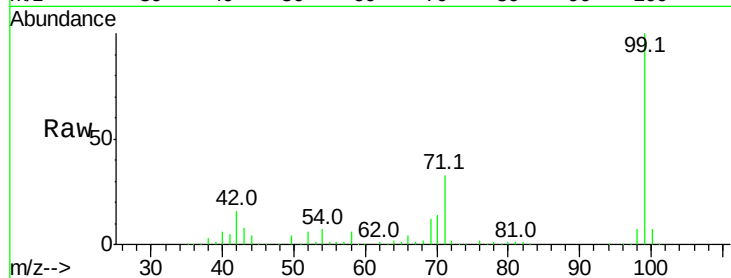
ClientSampled :

OK-03-070218

Tot Ion:	99	Resp:	400963
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	33.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

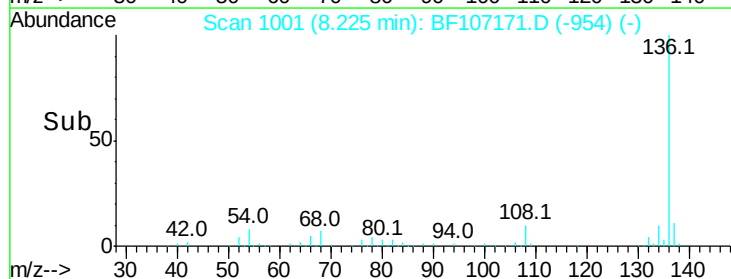
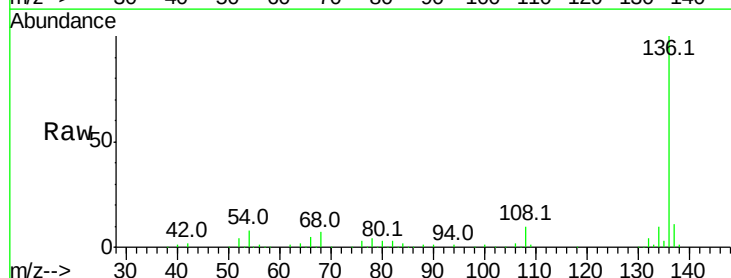
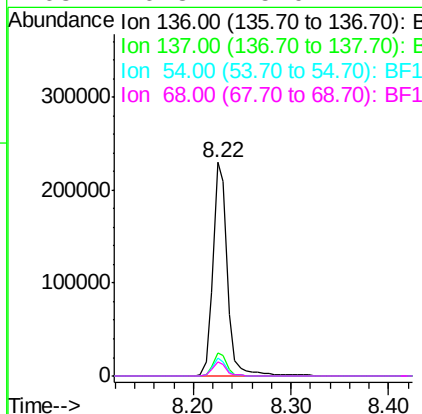
RT: 8.22 min Scan# 1001

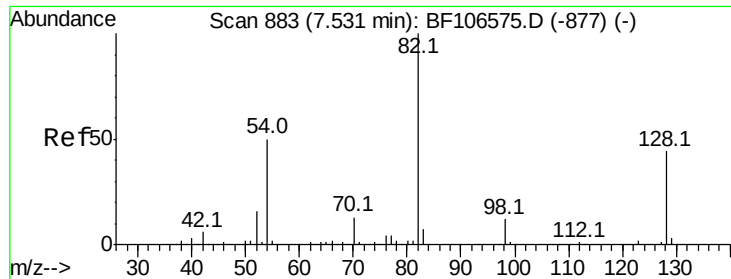
Delta R.T. -0.02 min

Lab File: BF107171.D

Acq: 6 Jul 2018 14:32

Tgt Ion:	136	Resp:	235156
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	6.8	5.0	7.4





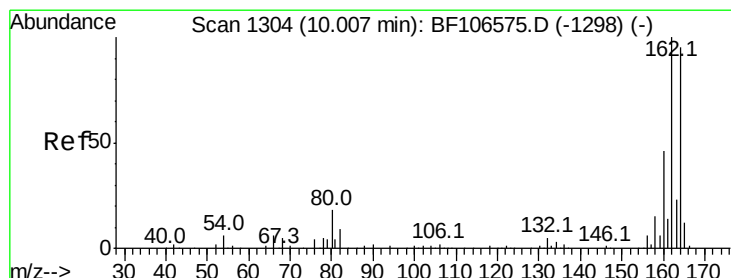
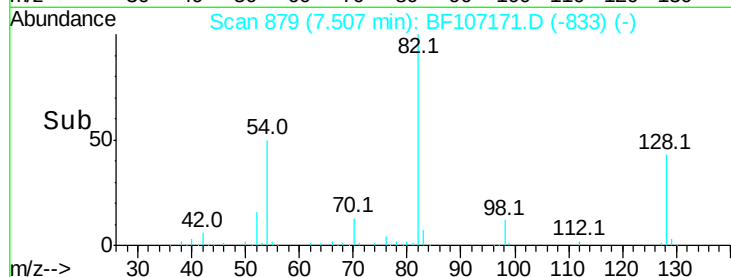
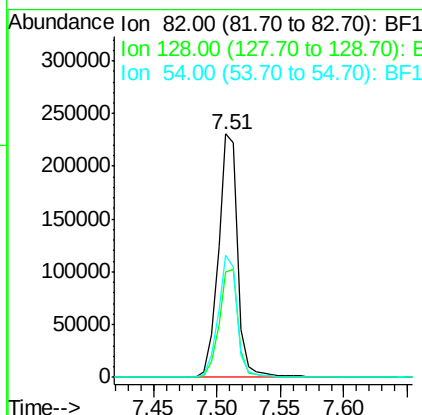
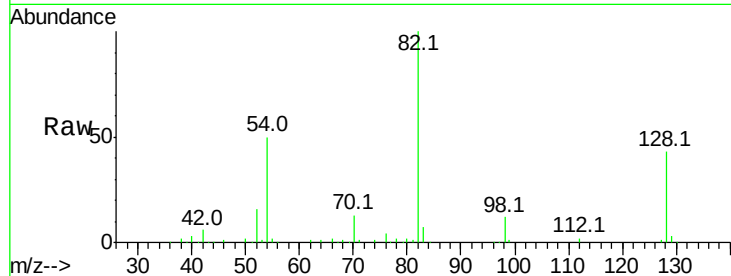
#23
Nitrobenzene-d5
Concen: 58.486 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	50.2	41.4	62.2

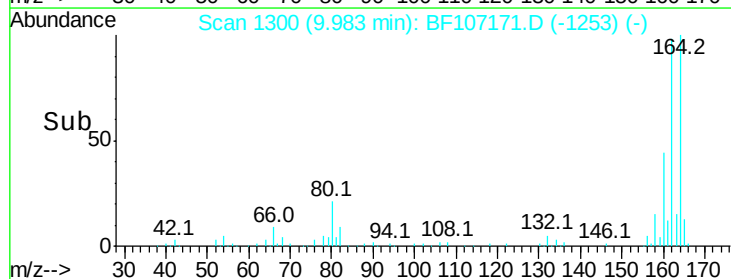
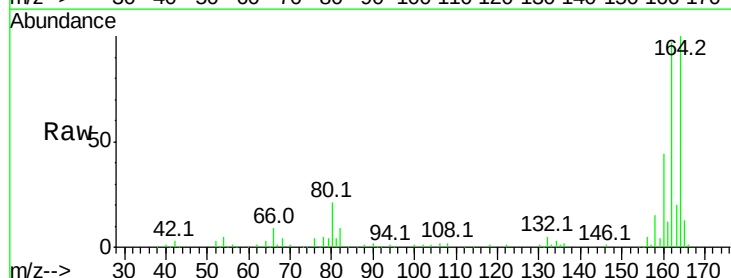
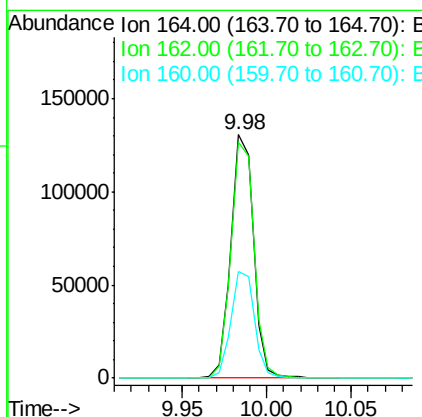
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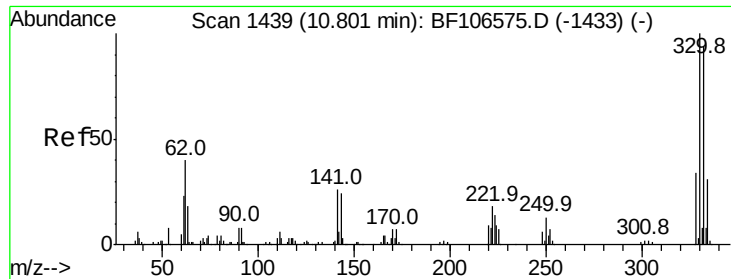
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	86.1	129.1
160	43.9	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 86.071 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF107171.D

Acq: 6 Jul 2018 14:32

Instrument :

BNA_F

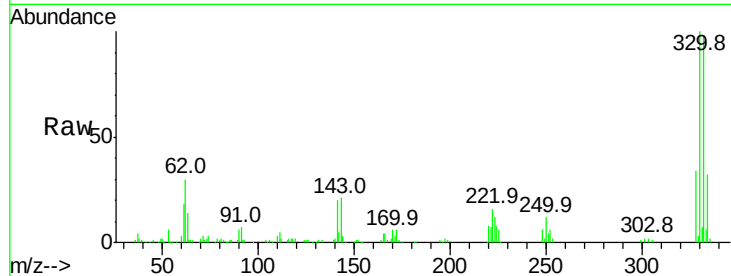
ClientSampleId :

OK-03-070218

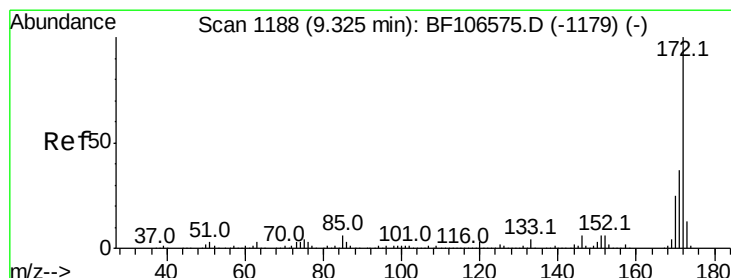
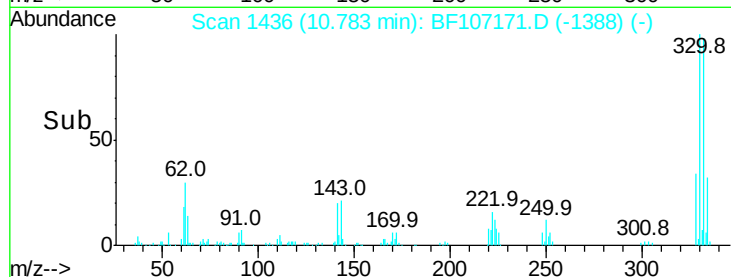
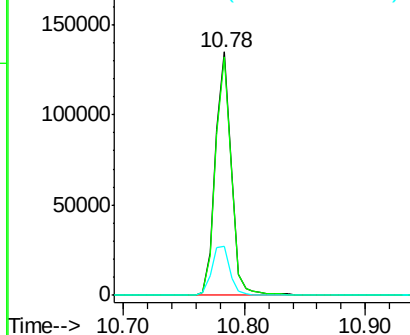
Tot Ion:	330	Resp:	121024
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.6
141	23.3	29.9	44.9#

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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: 63.144 ng

RT: 9.30 min Scan# 1184

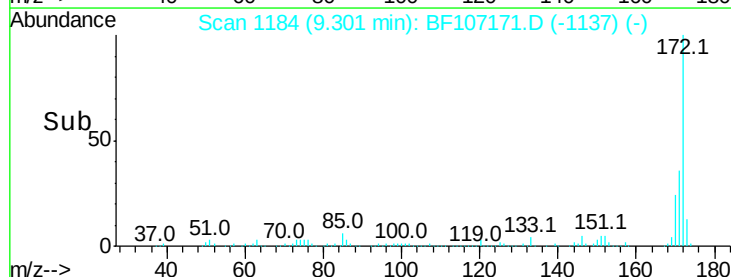
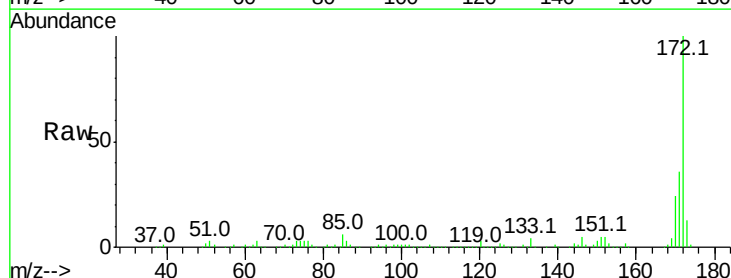
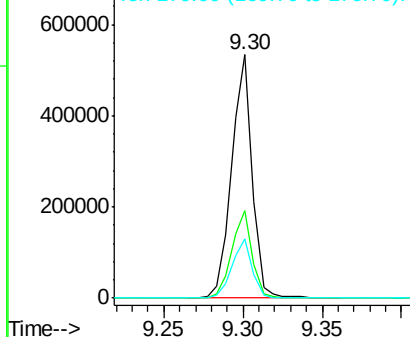
Delta R.T. -0.02 min

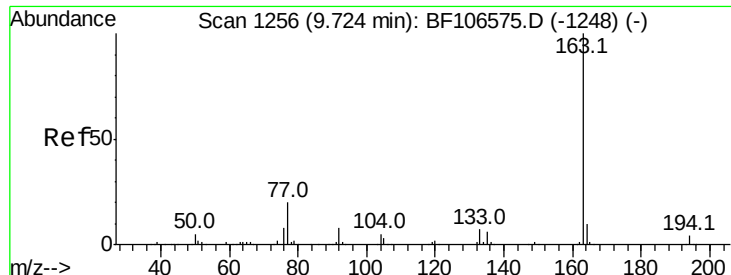
Lab File: BF107171.D

Acq: 6 Jul 2018 14:32

Tgt Ion:	172	Resp:	479765
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.1	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





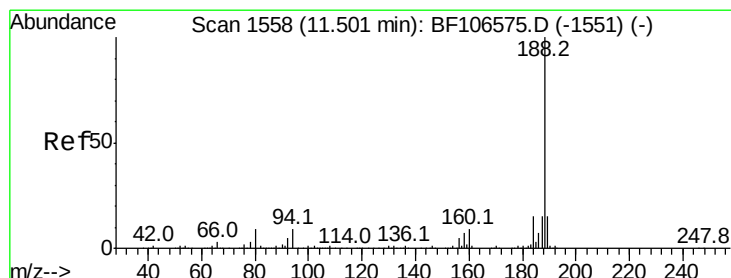
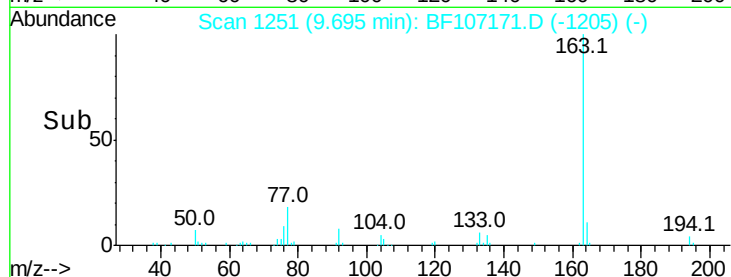
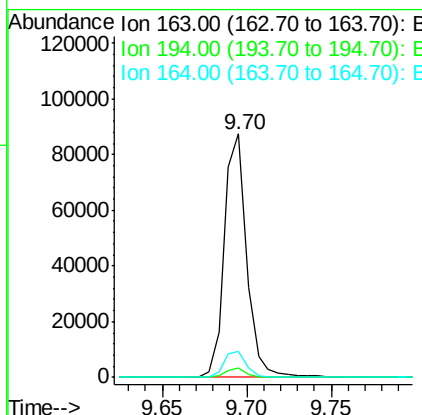
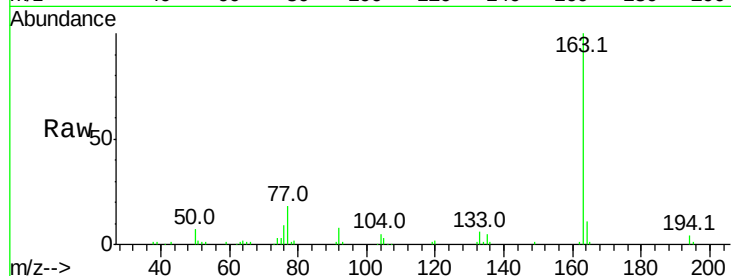
#49
Dimethylphthalate
Concen: 8.828 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9		2.7	4.1
164	10.5		8.2	12.2

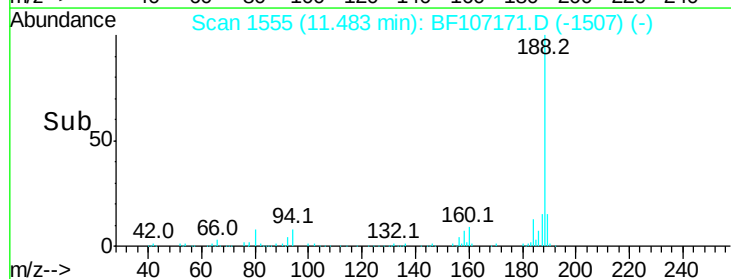
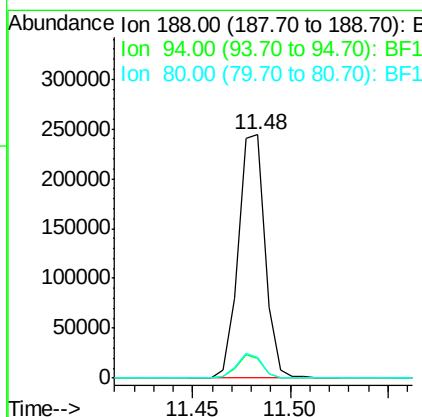
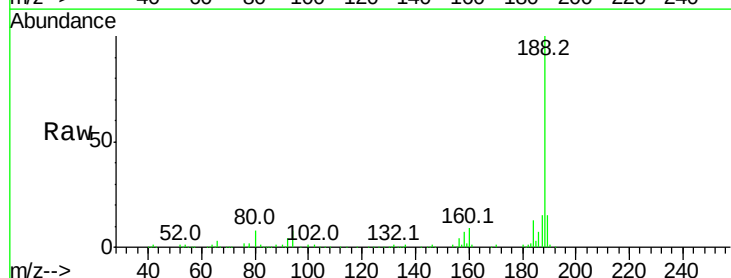
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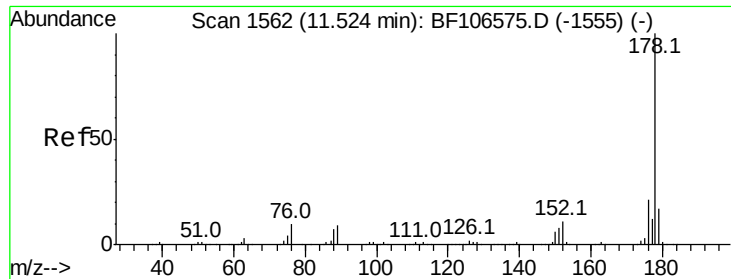
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.1		8.5	12.7#
80	8.5		9.2	13.8#





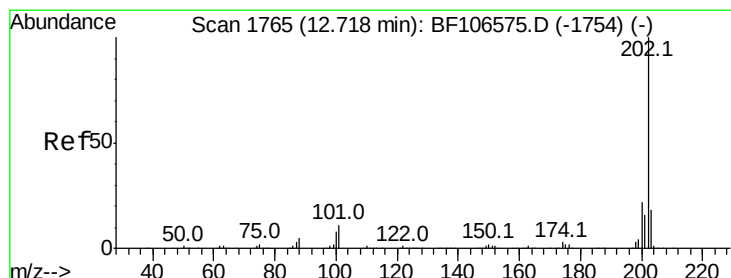
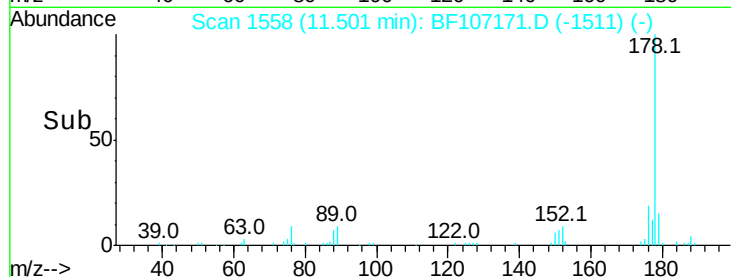
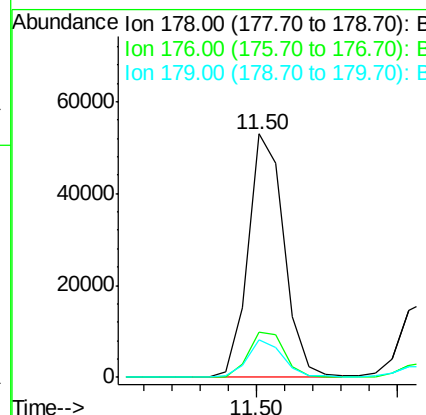
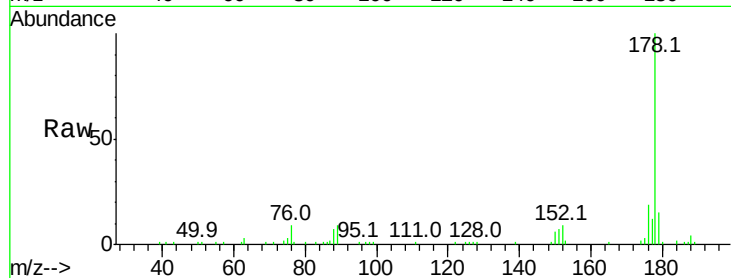
#70
Phenanthrene
Concen: 4.150 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.4	13.0	19.6

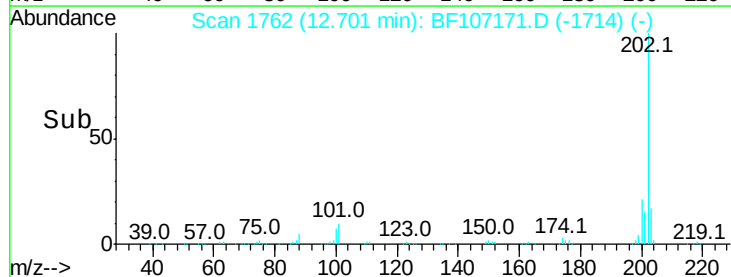
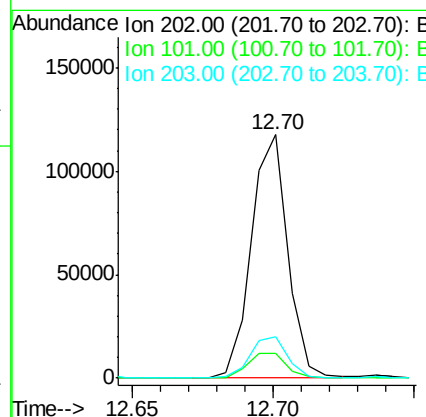
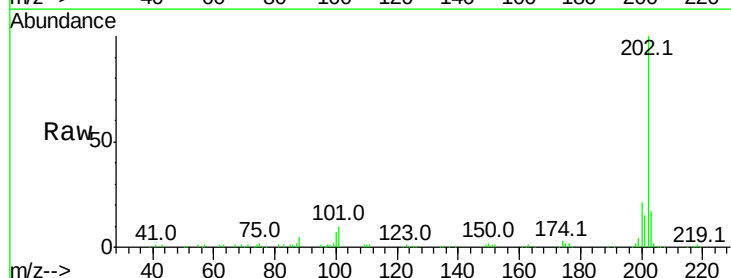
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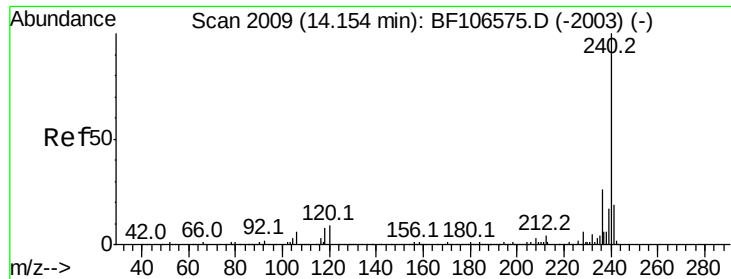
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#74
Fluoranthene
Concen: 8.495 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107171.D

Acq: 6 Jul 2018 14:32

Instrument :

BNA_F

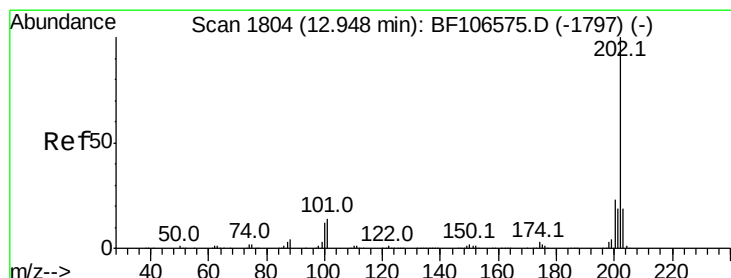
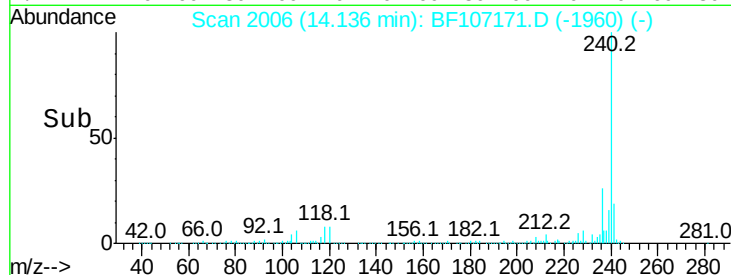
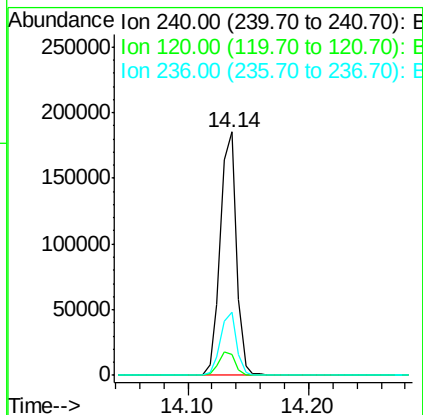
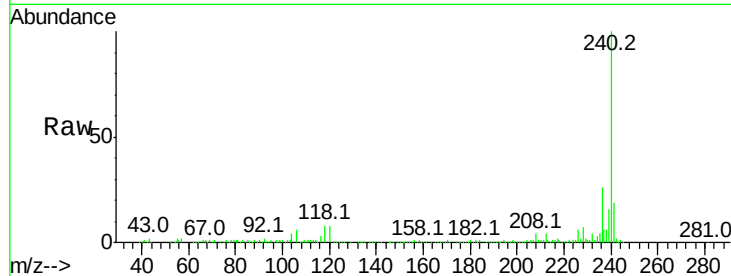
ClientSampleId :

OK-03-070218

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.9	20.7	31.1

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#77

Pyrene

Concen: 12.041 ng

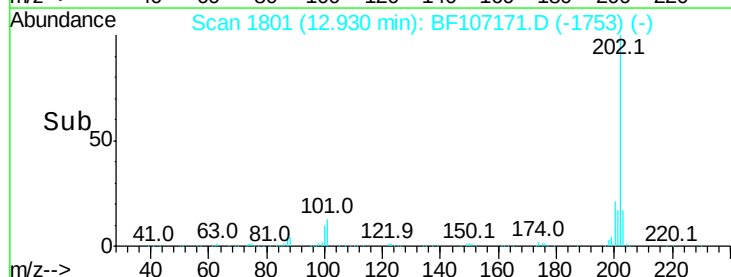
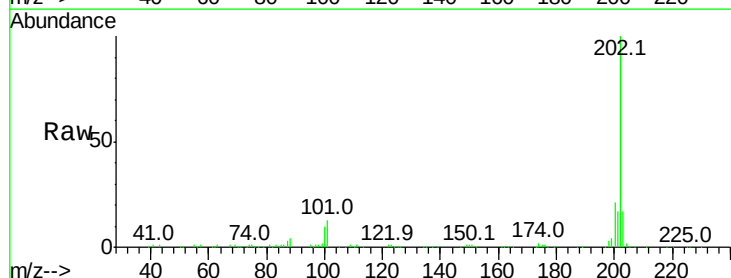
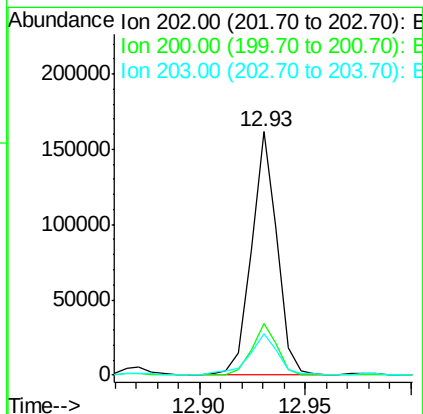
RT: 12.93 min Scan# 1801

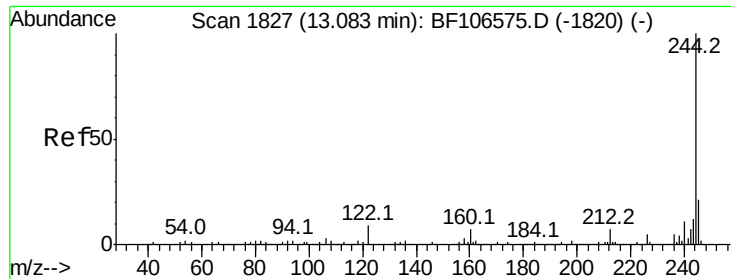
Delta R.T. -0.02 min

Lab File: BF107171.D

Acq: 6 Jul 2018 14:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.0	14.3	21.5





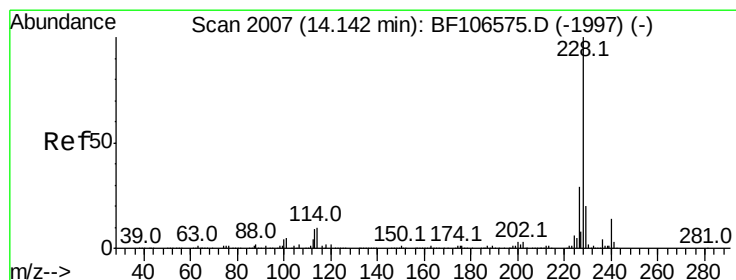
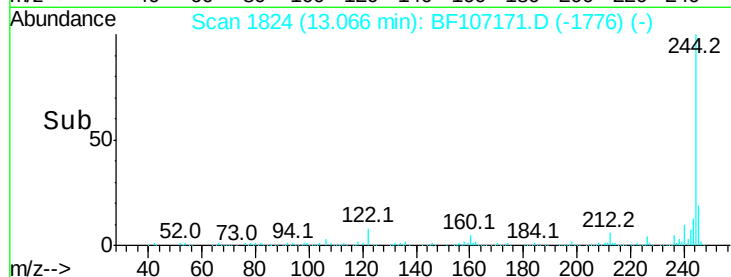
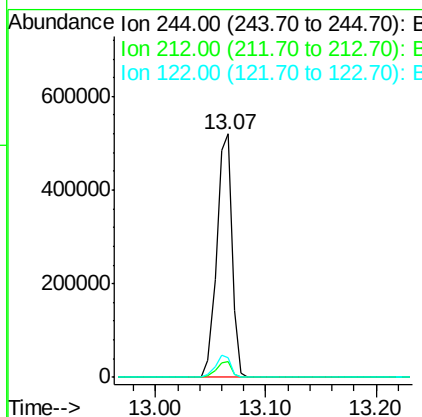
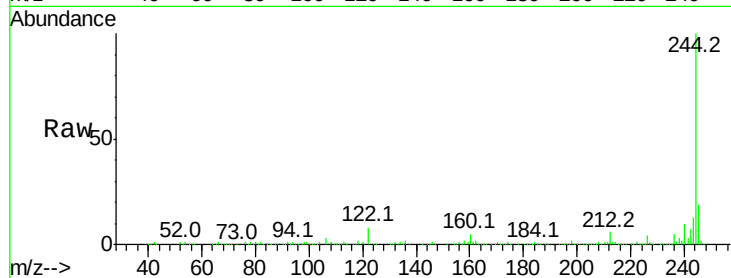
#78
 Terphenyl-d14
 Concen: 70.869 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107171.D
 Acq: 6 Jul 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-070218

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	8.0	11.0	16.4

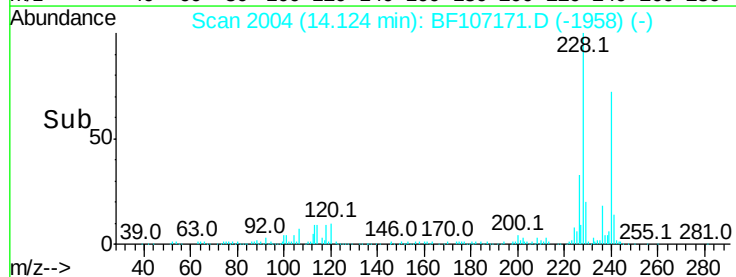
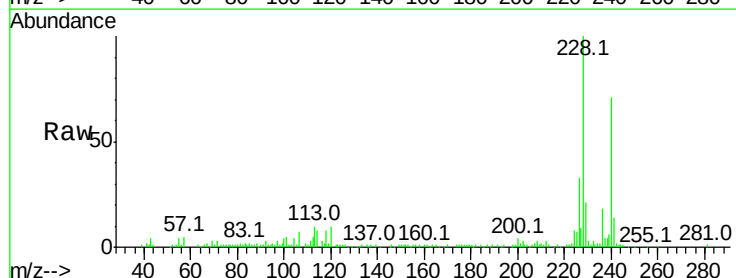
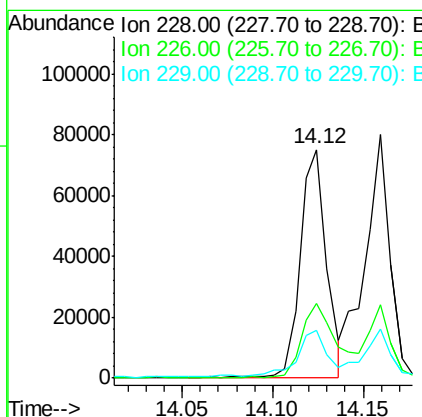
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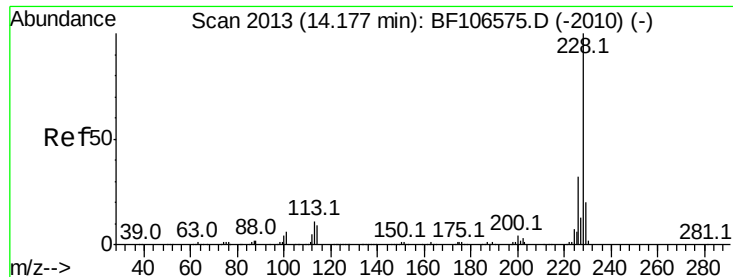
Sohil
 7/9/2018 1:58:09 PM



#80
 Benzo(a)anthracene
 Concen: 7.401 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BF107171.D
 Acq: 6 Jul 2018 14:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.6	33.8
229	20.8	15.8	23.6





#82

Chrysene

Concen: 8.234 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.04 min

Lab File: BF107171.D

Acq: 6 Jul 2018 14:32

Instrument :

BNA_F

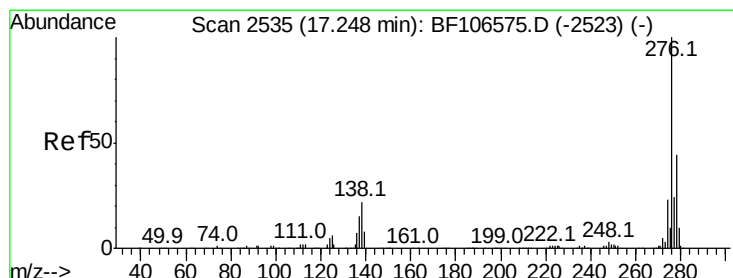
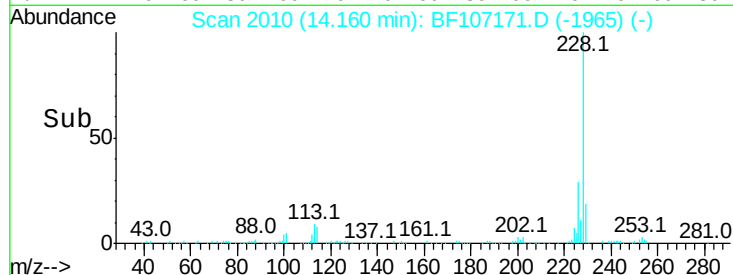
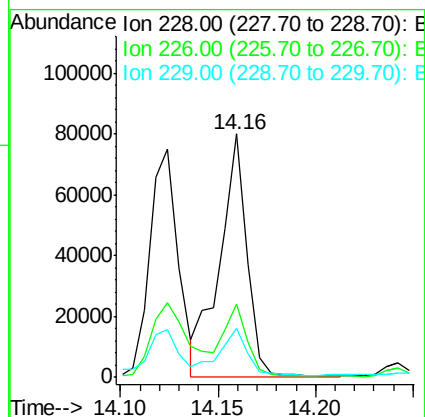
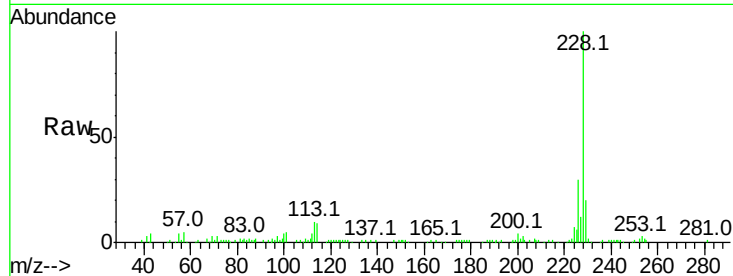
ClientSampled :

OK-03-070218

Tot Ion:	228	Resp:	78647
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.0	37.6
229	20.0	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 4.817 ng

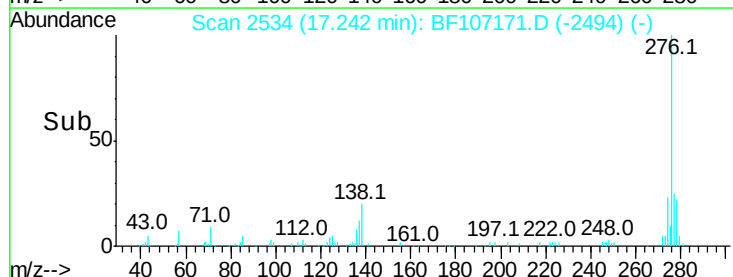
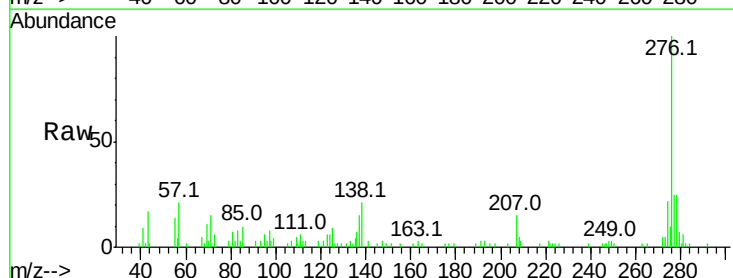
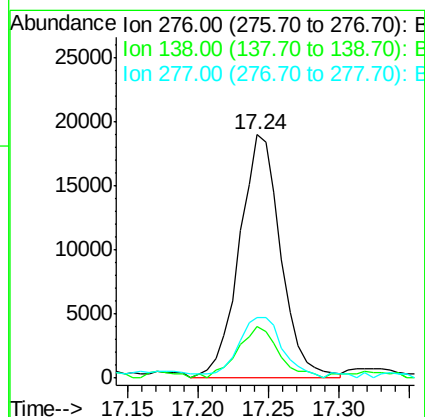
RT: 17.24 min Scan# 2534

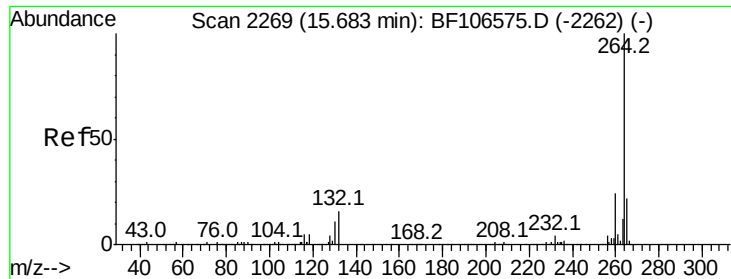
Delta R.T. -0.06 min

Lab File: BF107171.D

Acq: 6 Jul 2018 14:32

Tgt Ion:	276	Resp:	39048
Ion Ratio	Lower	Upper	
276	100		
138	21.1	25.0	37.6#
277	26.6	20.1	30.1





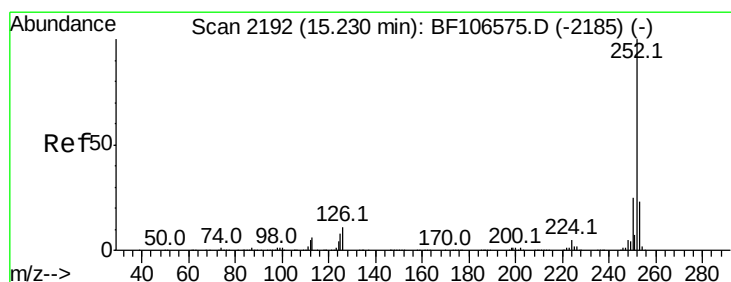
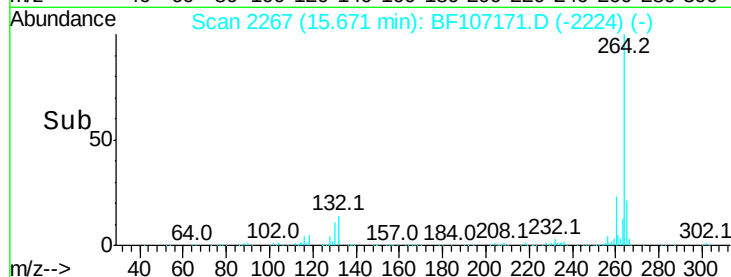
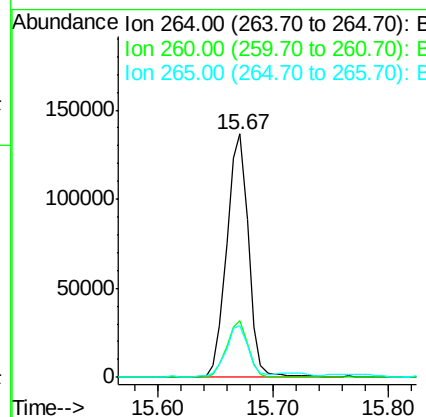
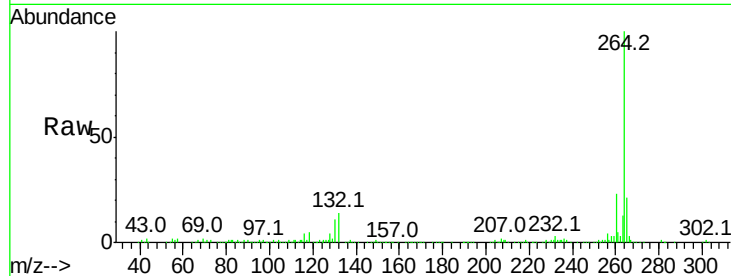
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3

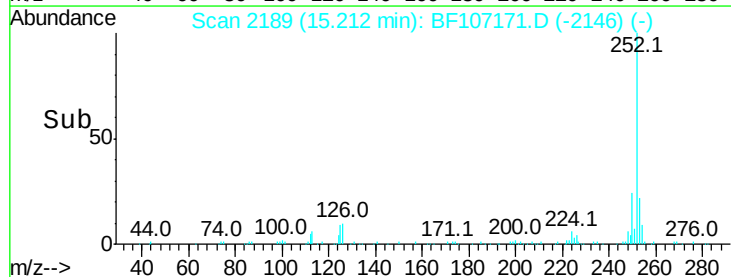
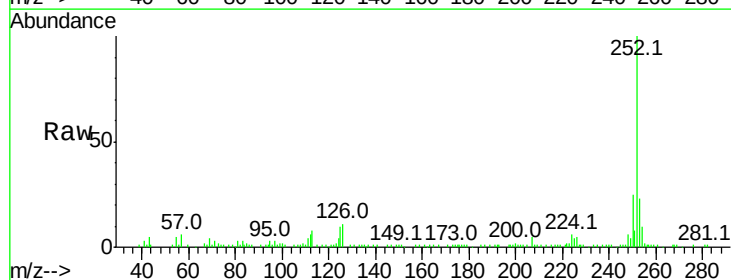
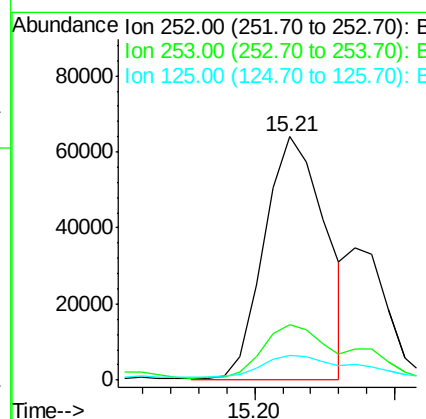
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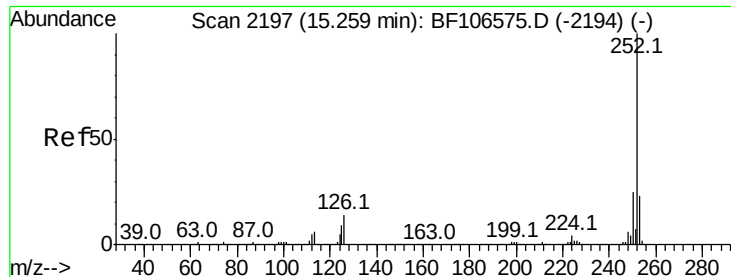
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#87
Benzo(b)fluoranthene
Concen: 8.835 ng m
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.2	9.0	13.6





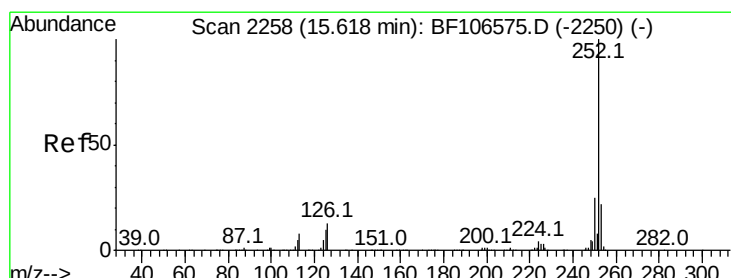
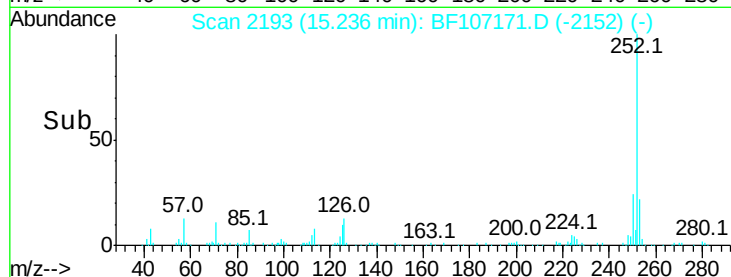
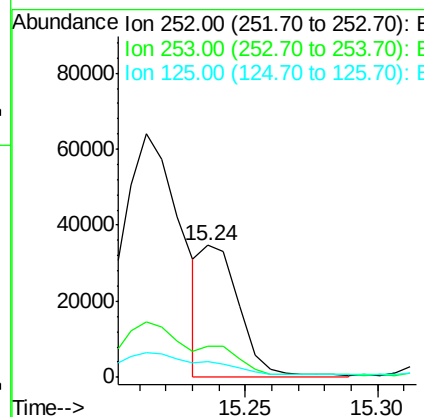
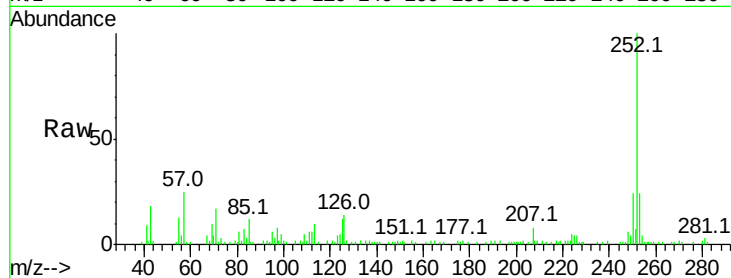
#88
Benzo(k)fluoranthene
Concen: 3.277 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.06 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Instrument :
BNA_F
ClientSampleId :
OK-03-070218

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	12.2	10.2	15.2

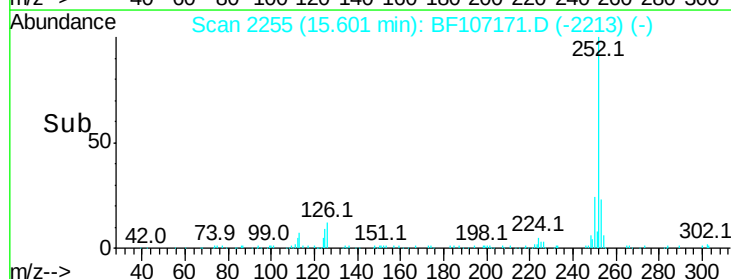
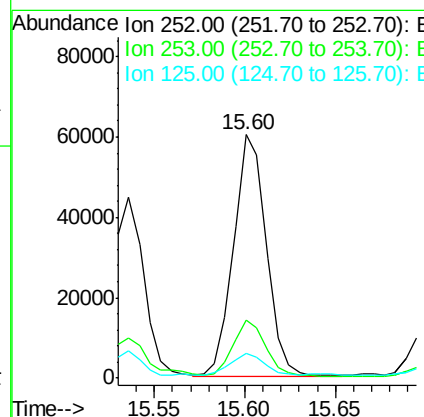
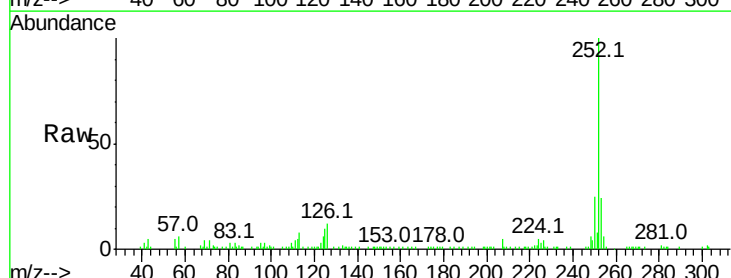
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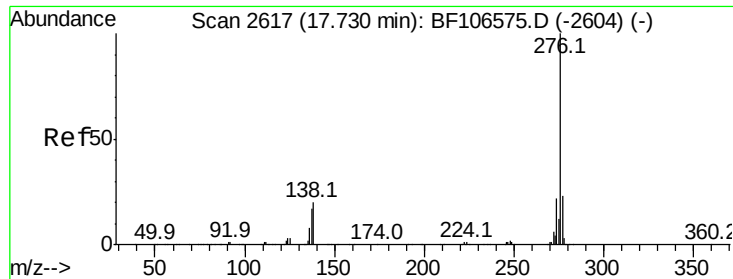
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#89
Benzo(a)pyrene
Concen: 7.699 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BF107171.D
Acq: 6 Jul 2018 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	10.3	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 4.487 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.06 min
 Lab File: BF107171.D
 Acq: 6 Jul 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-070218

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	19.1	21.8	32.8

Manual Integrations
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