

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
 Data File : BF106963.D
 Acq On : 29 Jun 2018 10:53
 Operator : JU/SJ
 Sample : J3048-15RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-DRE

Manual Integrations
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Sohil
 6/30/2018 10:57:52 AM

Quant Time: Jun 29 13:17:54 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 11:40:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73581	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	288762	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	154472	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	316922	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	243109	20.00	ng	-0.02
86) Perylene-d12	15.71	264	206926	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	127533	29.35	ng	0.00
7) Phenol-d6	6.60	99	444959	82.00	ng	-0.02
23) Nitrobenzene-d5	7.52	82	417888	80.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	33384	18.65	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	591502	60.58	ng	-0.02
78) Terphenyl-d14	13.07	244	777261	77.45	ng	-0.01
Target Compounds						
10) Phenol	6.61	94	24486	3.954	ng	98
20) 3+4-Methylphenols	7.36	107	55674	9.918	ng	85
49) Dimethylphthalate	9.70	163	219298	18.929	ng	# 98
70) Phenanthrene	11.51	178	76379	4.997	ng	98
74) Fluoranthene	12.71	202	143470	8.516	ng	95
77) Pyrene	12.94	202	127446	7.950	ng	99
80) Benzo(a)anthracene	14.14	228	60966	4.115	ng	98
82) Chrysene	14.18	228	55177	4.048	ng	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	26208	2.266	ng	# 90
87) Benzo(b)fluoranthene	15.25	252	53543m	4.165	ng	
89) Benzo(a)pyrene	15.64	252	41446	3.627	ng	95
91) Benzo(a,h,i)perylene	17.77	276	24363	2.574	ng	# 92

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

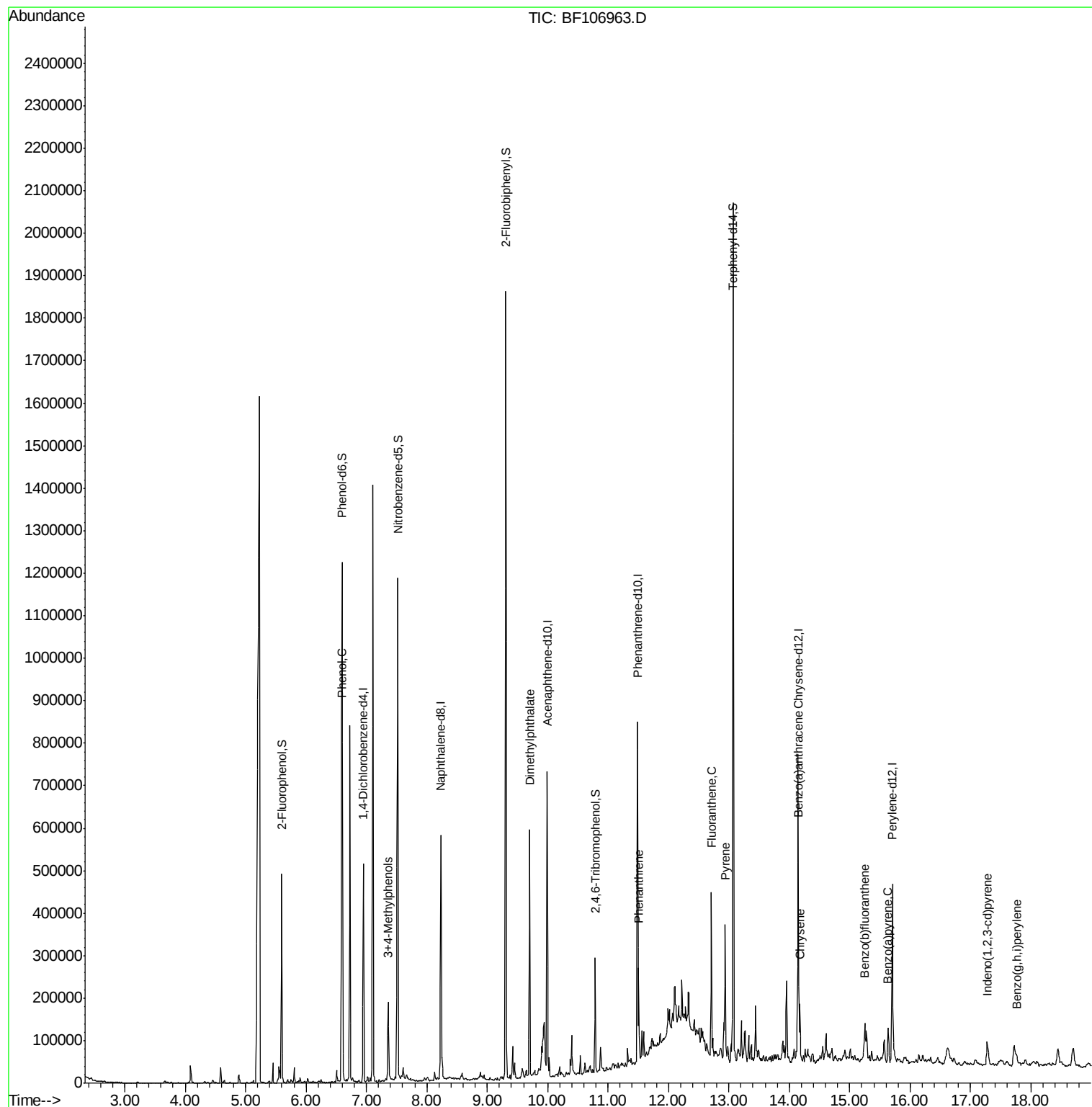
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
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#1

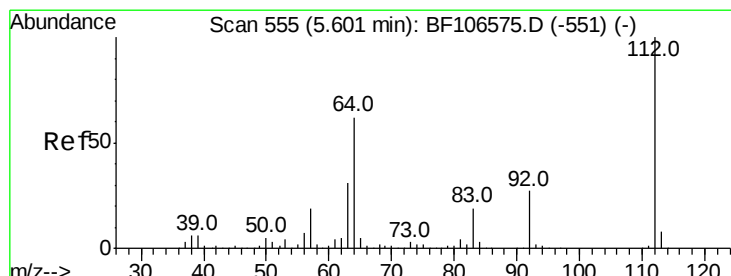
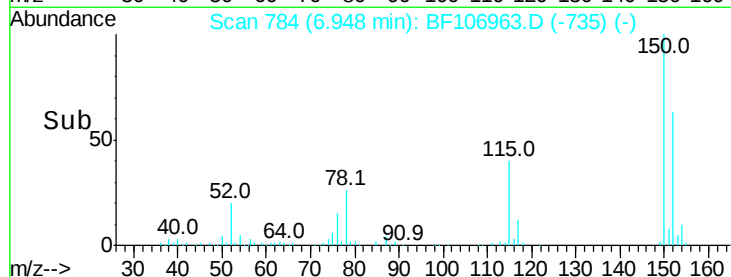
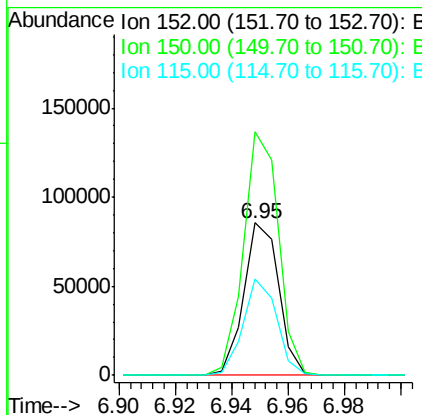
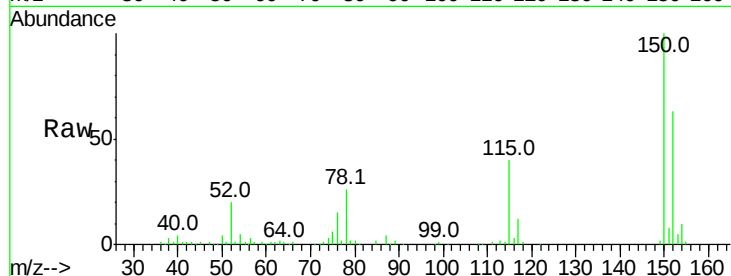
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF106963.D
 Acq: 29 Jun 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-DRE

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	63.5	50.1	75.1

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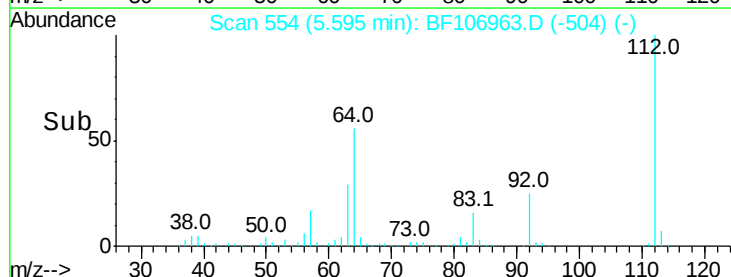
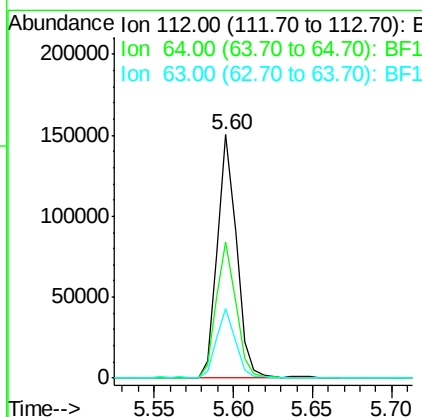
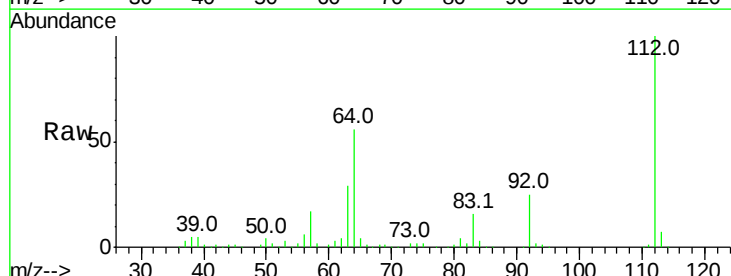
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#5

2-Fluorophenol
 Concen: 29.349 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106963.D
 Acq: 29 Jun 2018 10:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 81.997 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106963.D

Acq: 29 Jun 2018 10:53

Instrument :

BNA_F

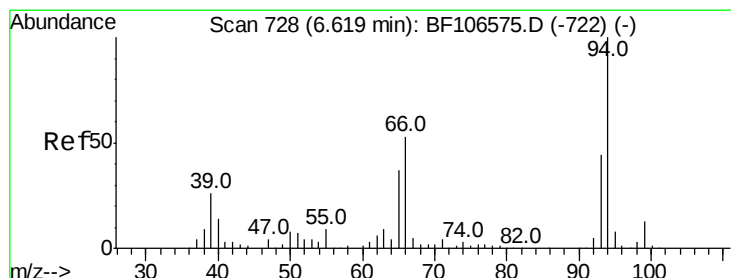
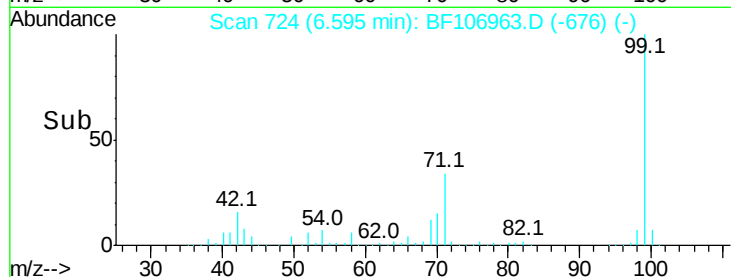
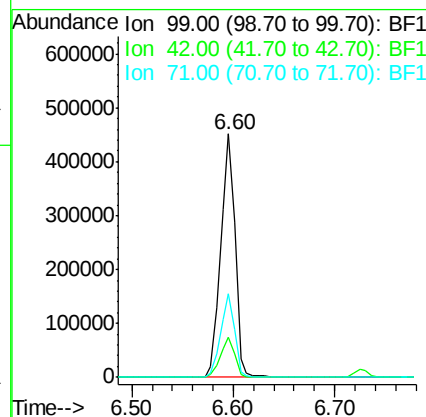
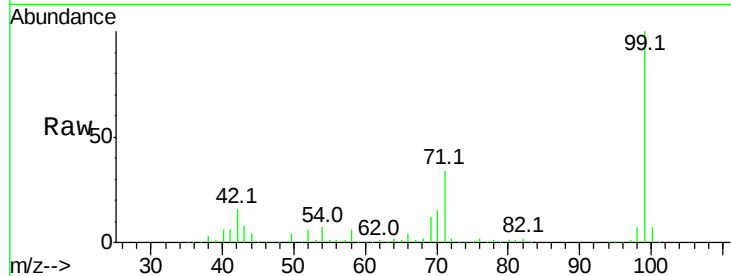
ClientSampleId :

TP-2-DRE

Tot Ion:	99	Resp:	444959
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	34.3	25.4	38.0

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#10

Phenol

Concen: 3.954 ng

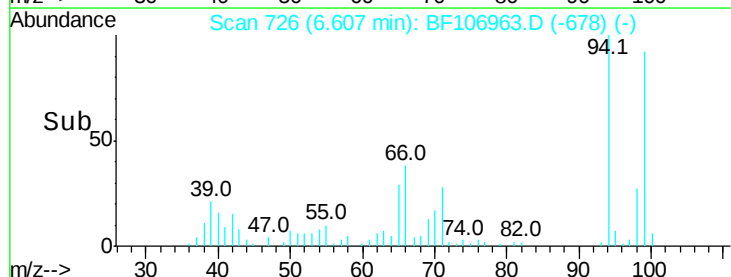
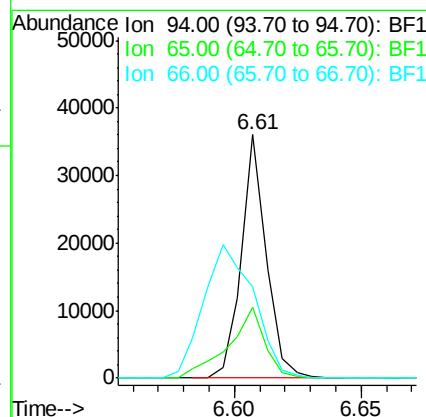
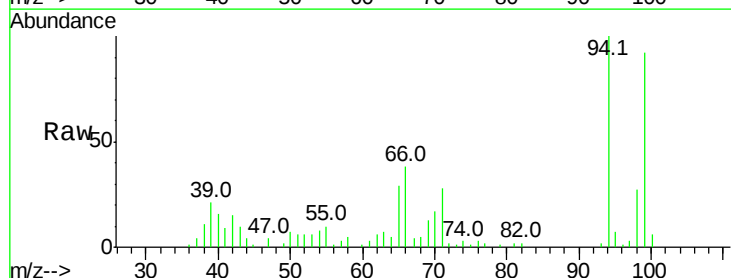
RT: 6.61 min Scan# 726

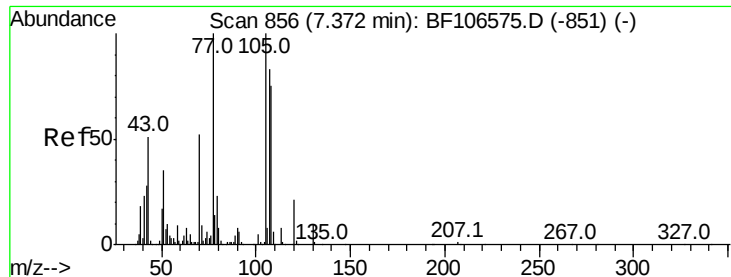
Delta R.T. -0.02 min

Lab File: BF106963.D

Acq: 29 Jun 2018 10:53

Tgt Ion:	94	Resp:	24486
Ion	Ratio	Lower	Upper
94	100		
65	29.0	7.9	47.9
66	37.6	16.2	56.2





#20

3+4-Methylphenols

Concen: 9.918 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF106963.D

Acq: 29 Jun 2018 10:53

Instrument :

BNA_F

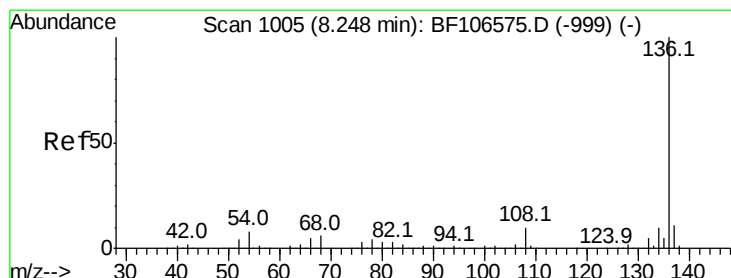
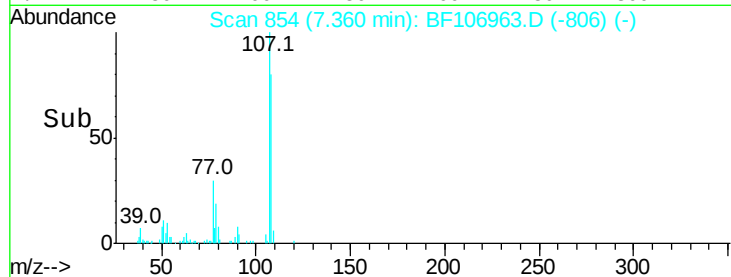
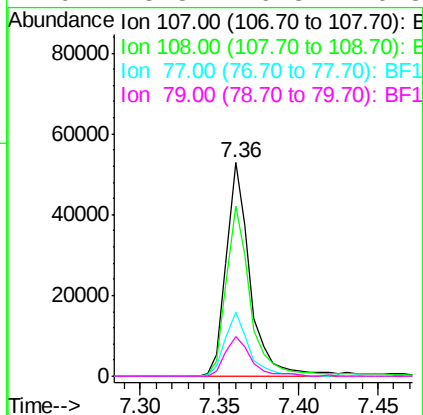
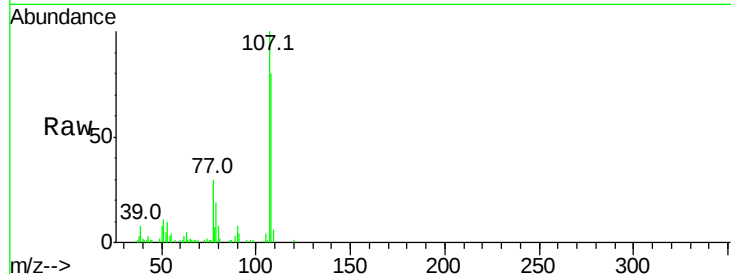
ClientSampleId :

TP-2-DRE

Tot Ion:	107	Resp:	55674
Ion	Ratio	Lower	Upper
107	100		
108	79.6	68.2	108.2
77	30.1	26.7	66.7
79	18.8	6.3	46.3

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#21

Naphthalene-d8

Concen: 20.000 ng

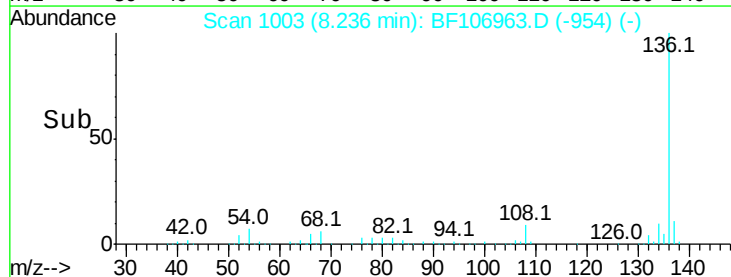
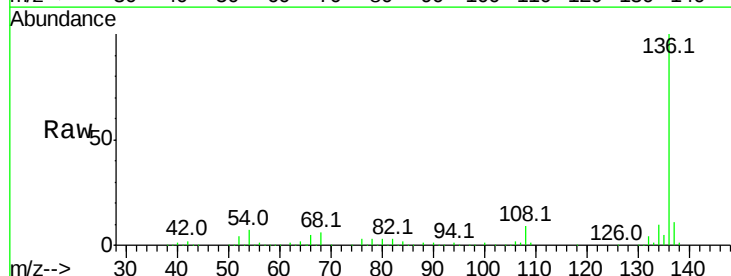
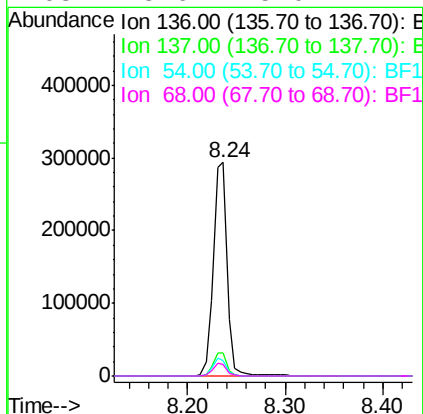
RT: 8.24 min Scan# 1003

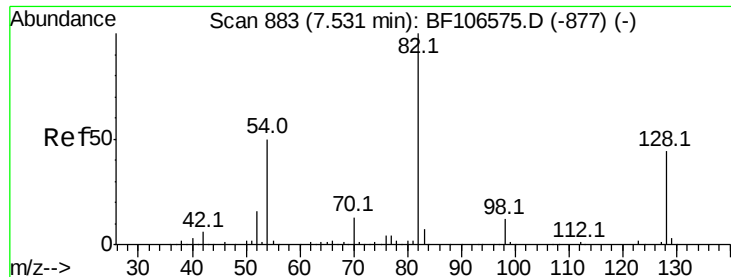
Delta R.T. -0.01 min

Lab File: BF106963.D

Acq: 29 Jun 2018 10:53

Tgt Ion:	136	Resp:	288762
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.9	6.6	9.8
68	5.6	5.0	7.4





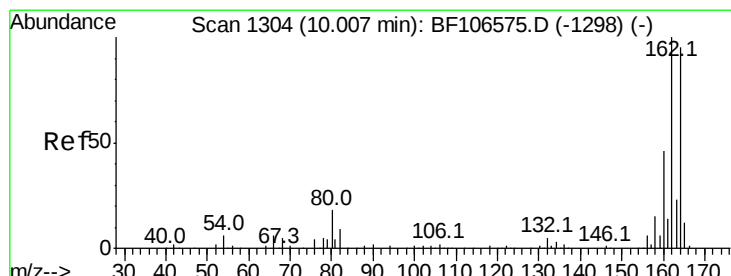
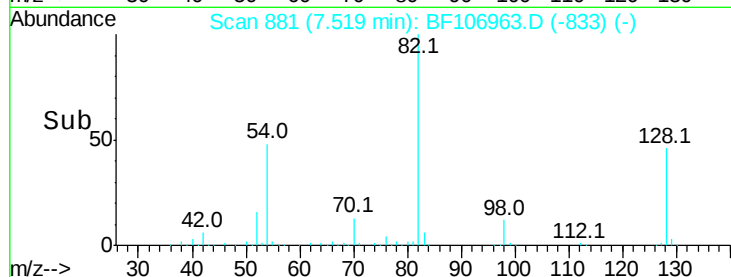
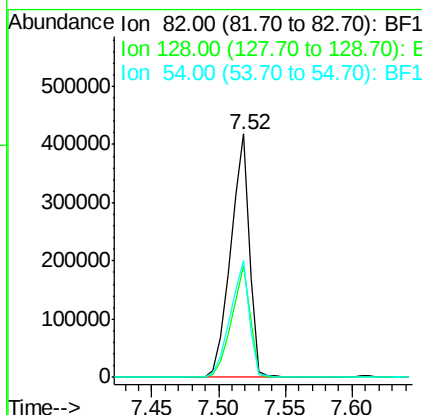
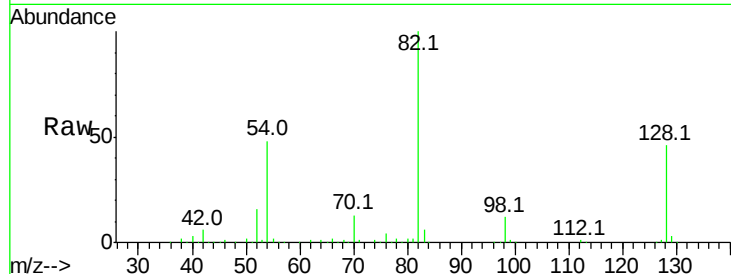
#23
Nitrobenzene-d5
Concen: 80.424 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Instrument :
BNA_F
ClientSampleId :
TP-2-DRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	47.8	41.4	62.2

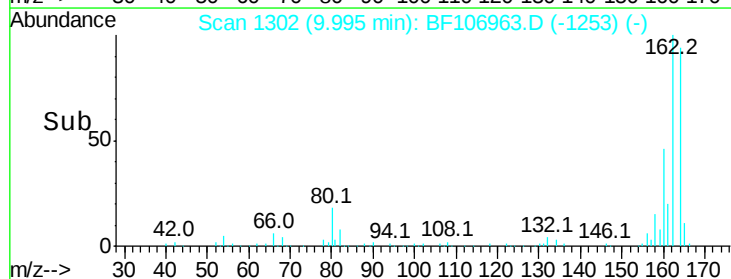
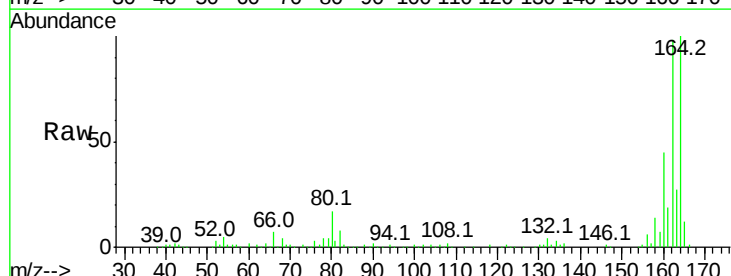
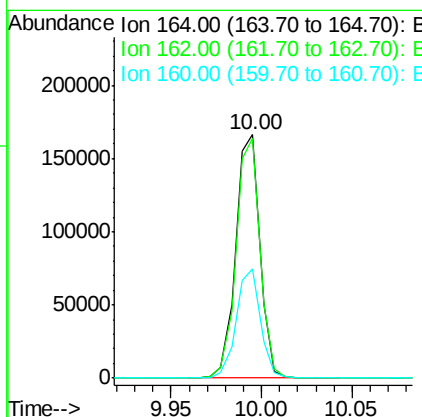
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	86.1	129.1
160	44.7	38.3	57.5





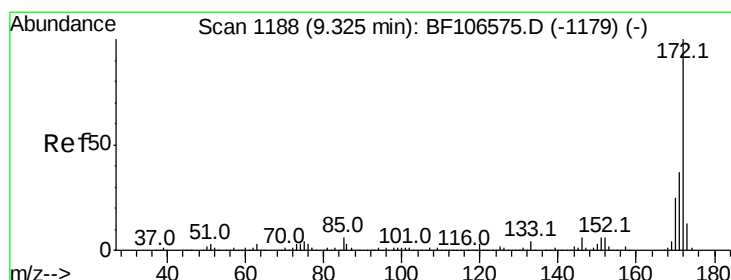
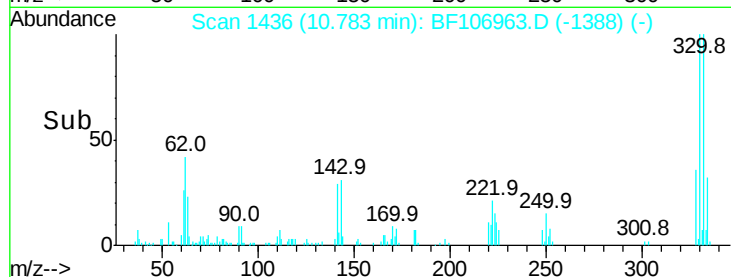
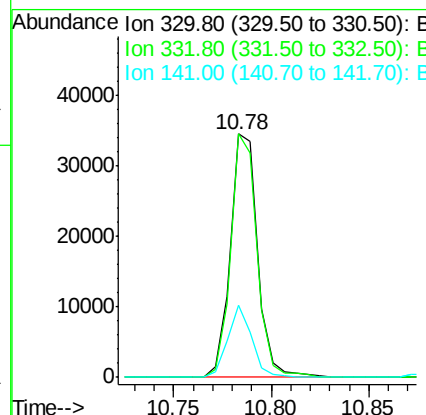
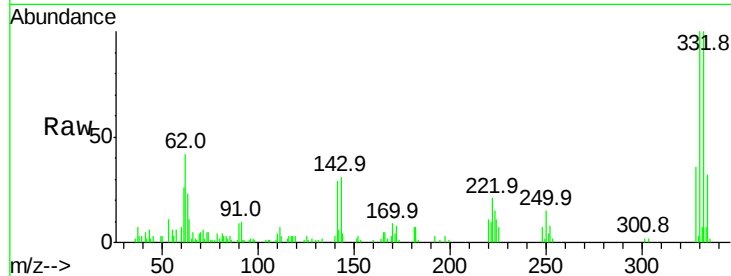
#41
 2,4,6-Tribromophenol
 Concen: 18.646 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF106963.D
 Acq: 29 Jun 2018 10:53

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-DRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	25.8	29.9	44.9#

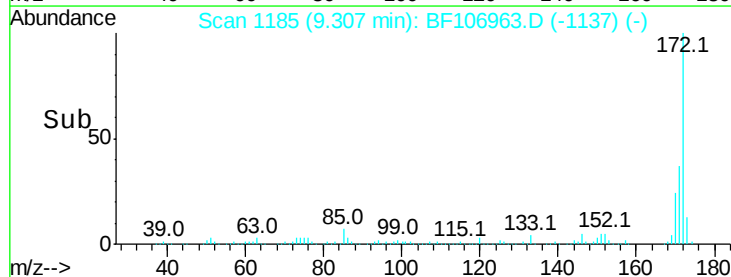
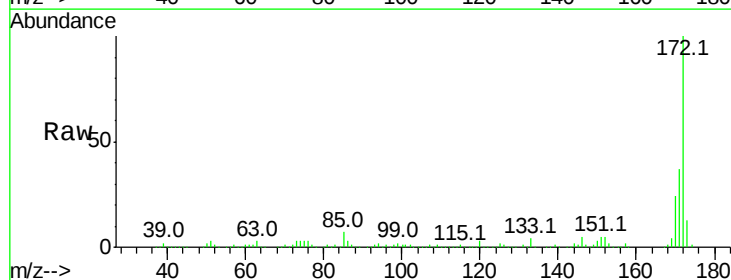
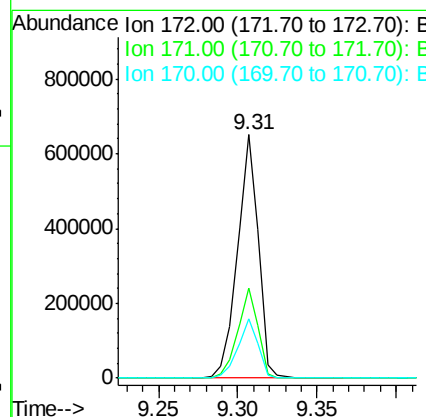
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#44
 2-Fluorobiphenyl
 Concen: 60.575 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106963.D
 Acq: 29 Jun 2018 10:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.4	19.6	29.4





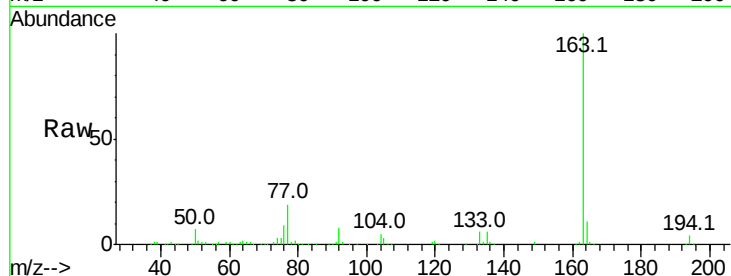
#49
Dimethylphthalate
Concen: 18.929 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Instrument :
BNA_F
ClientSampleId :
TP-2-DRE

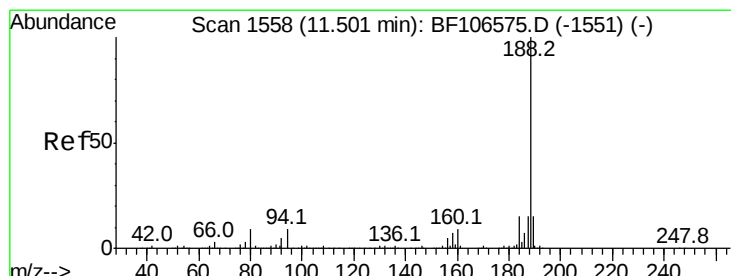
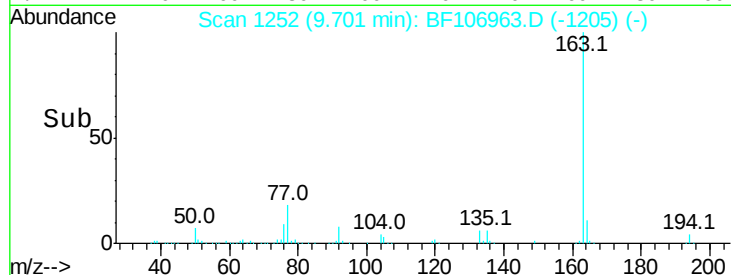
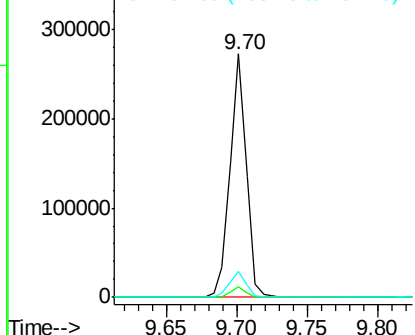
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	10.8	8.2	12.2	

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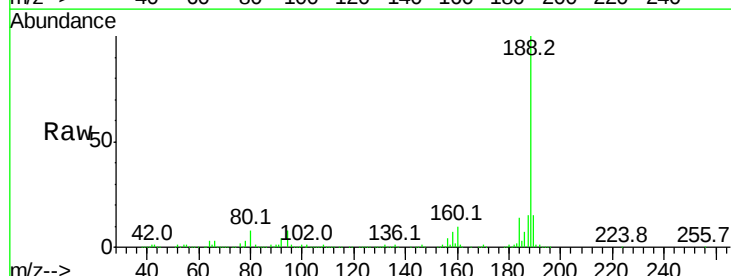


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

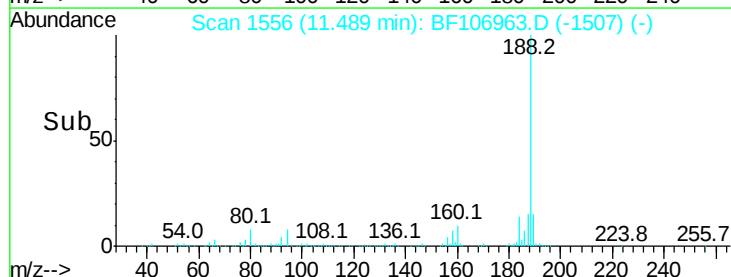
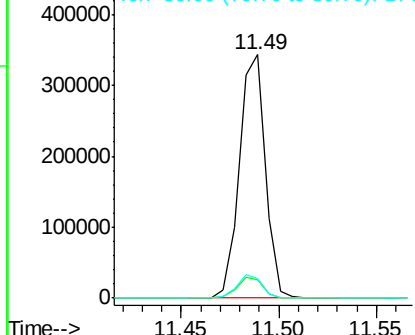


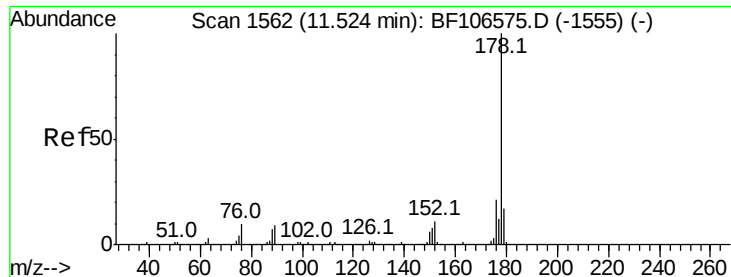
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.7	8.5	12.7#	
80	8.2	9.2	13.8#	



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





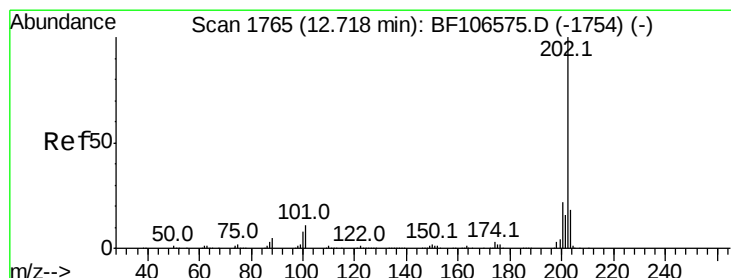
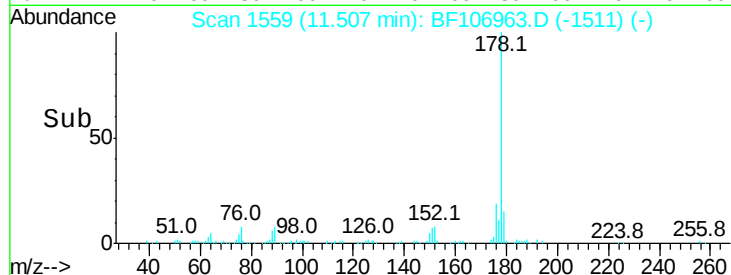
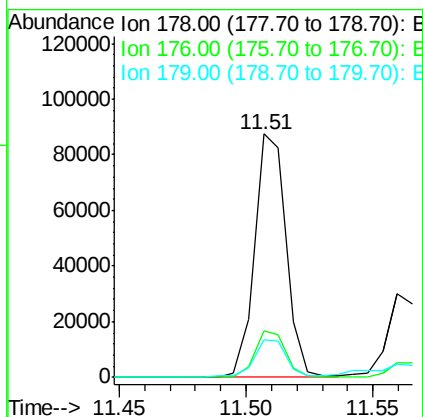
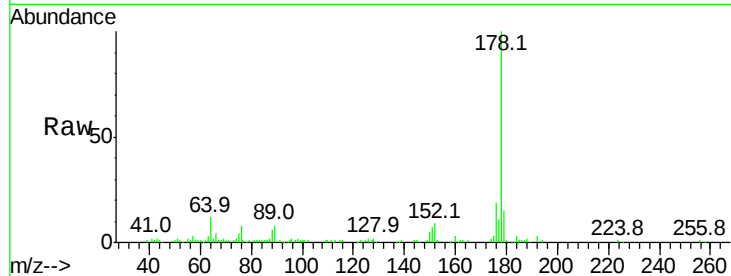
#70
Phenanthrene
Concen: 4.997 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Instrument :
BNA_F
ClientSampleId :
TP-2-DRE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6

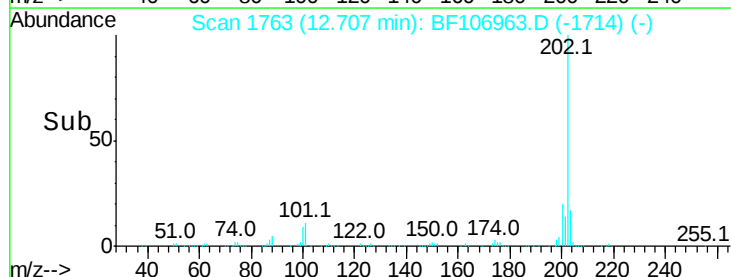
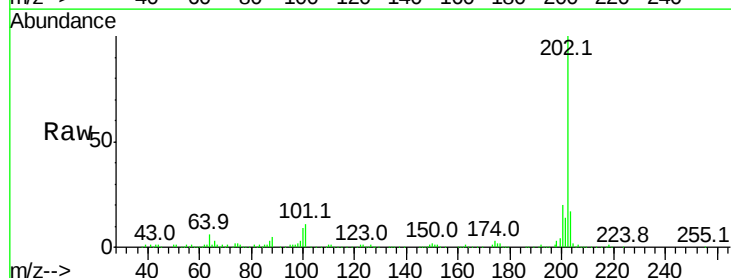
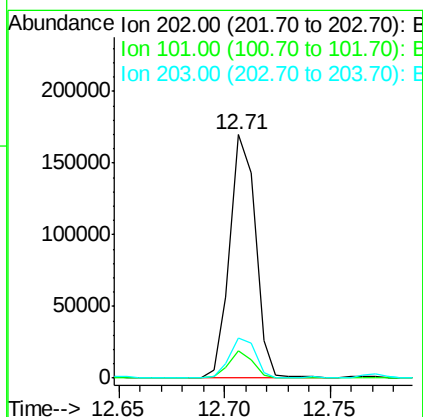
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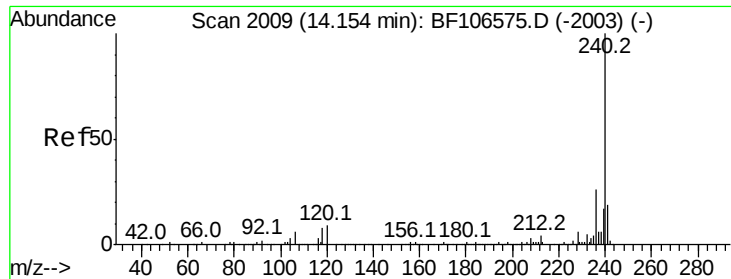
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#74
Fluoranthene
Concen: 8.516 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	16.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106963.D

Acq: 29 Jun 2018 10:53

Instrument :

BNA_F

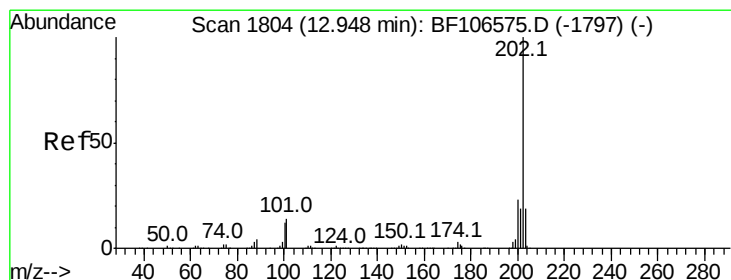
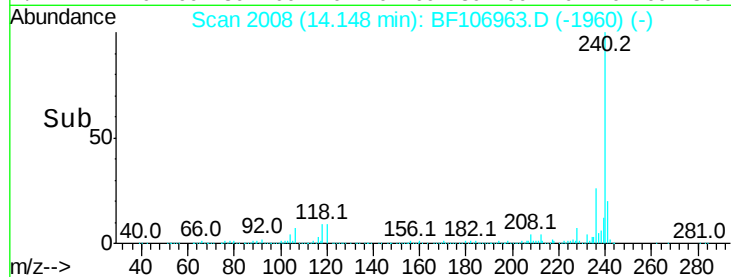
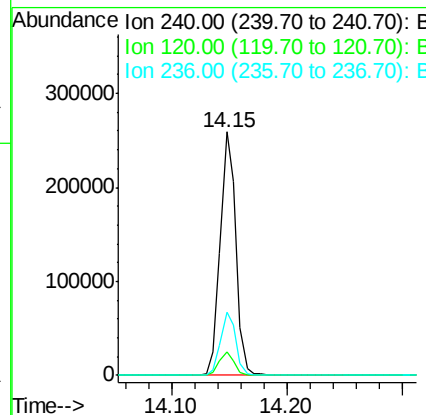
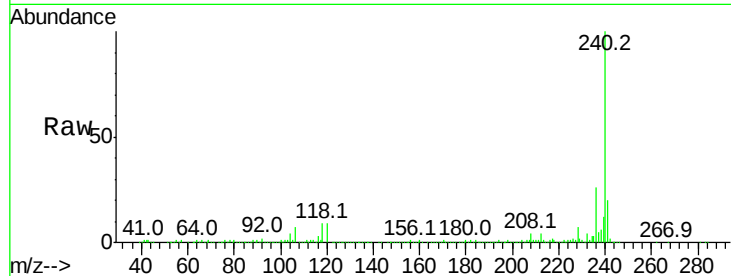
ClientSampleId :

TP-2-DRE

Tot Ion	Ratio	Resp	Lower	Upper
240	100	243109		
120	9.4	9.5	14.3#	
236	26.0	20.7	31.1	

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#77

Pyrene

Concen: 7.950 ng

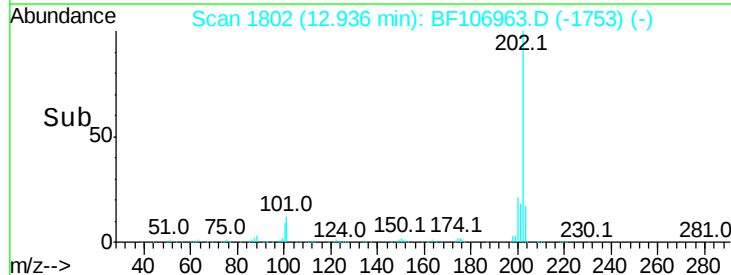
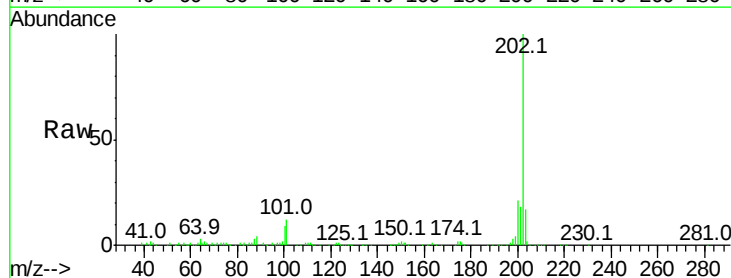
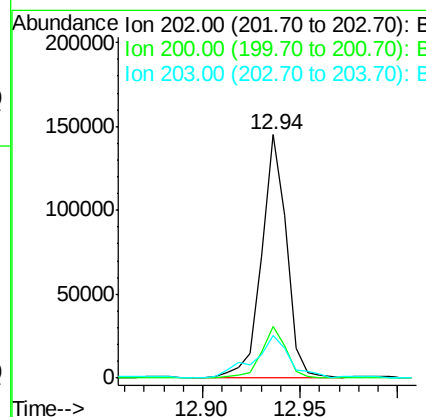
RT: 12.94 min Scan# 1802

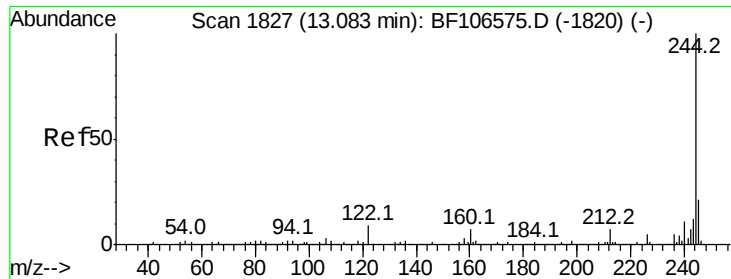
Delta R.T. -0.01 min

Lab File: BF106963.D

Acq: 29 Jun 2018 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	127446		
200	21.0	17.4	26.2	
203	17.4	14.3	21.5	





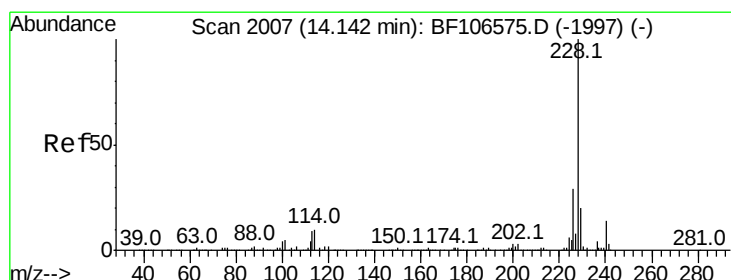
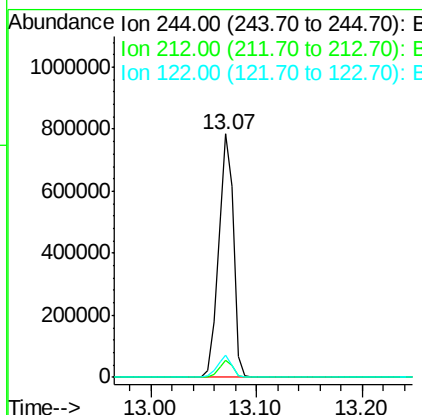
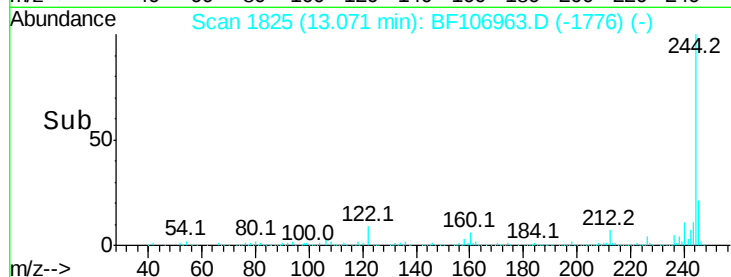
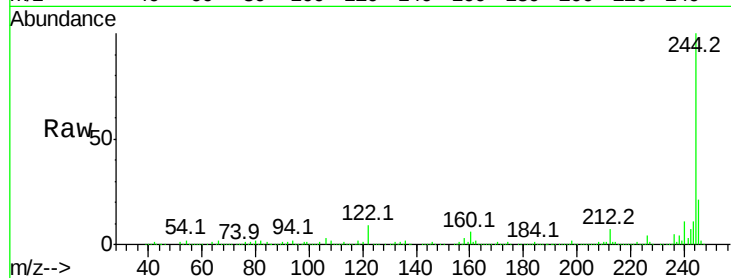
#78
 Terphenyl-d14
 Concen: 77.445 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF106963.D
 Acq: 29 Jun 2018 10:53

Instrument :
 BNA_F
 ClientSampled :
 TP-2-DRE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.2	11.0	16.4

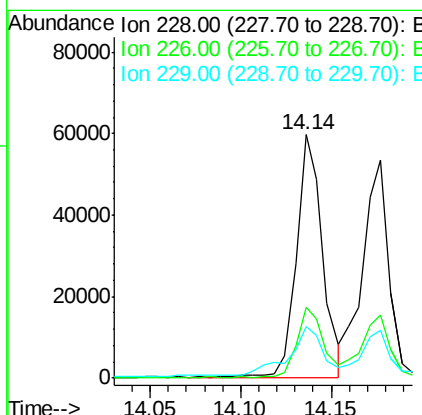
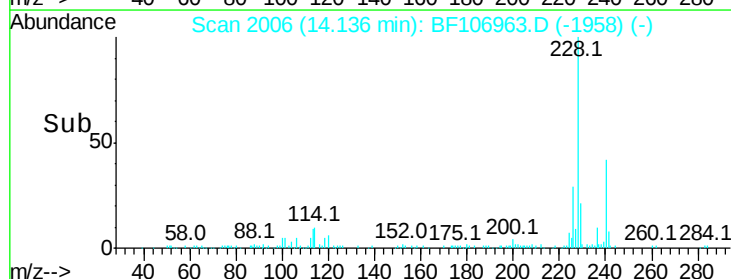
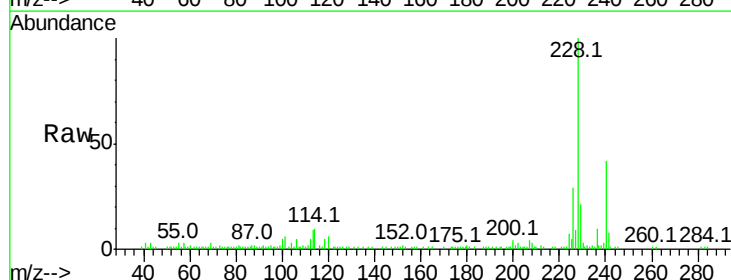
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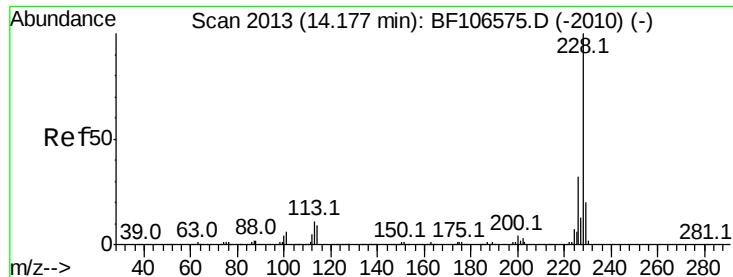
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#80
 Benzo(a)anthracene
 Concen: 4.115 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.02 min
 Lab File: BF106963.D
 Acq: 29 Jun 2018 10:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	21.2	15.8	23.6





#82

Chrysene

Concen: 4.048 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BF106963.D

Acq: 29 Jun 2018 10:53

Instrument :

BNA_F

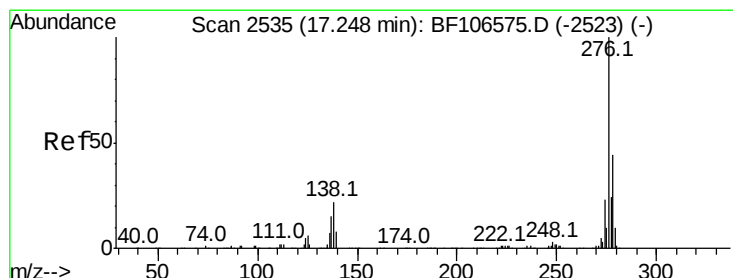
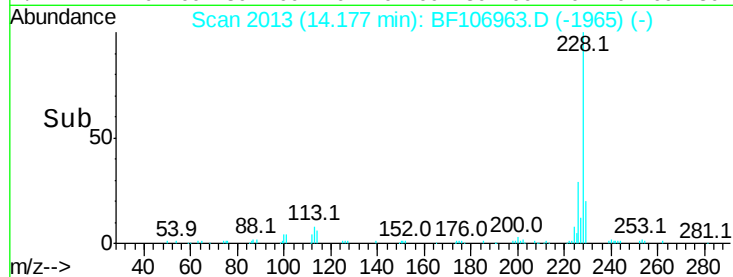
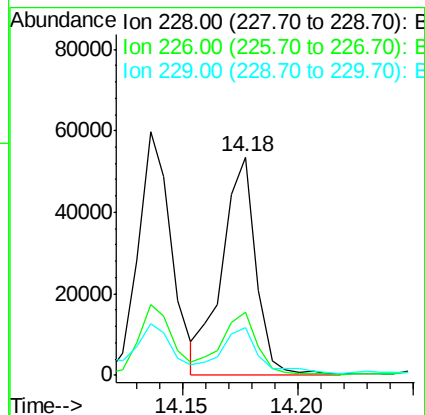
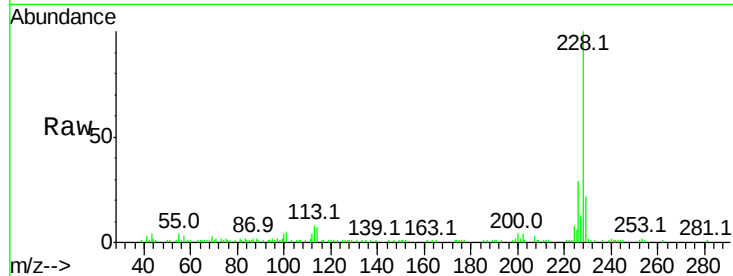
ClientSampleId :

TP-2-DRE

Tot Ion:	228	Resp:	55177
Ion Ratio	Lower	Upper	
228	100		
226	29.0	25.0	37.6
229	21.6	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.266 ng

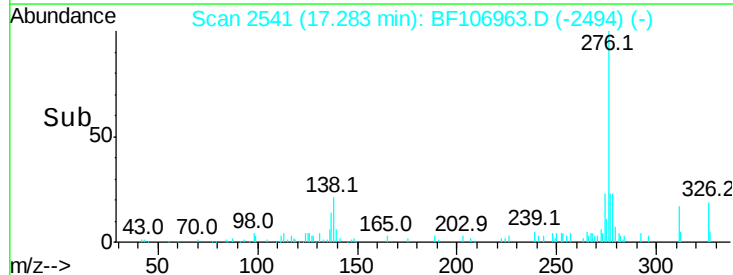
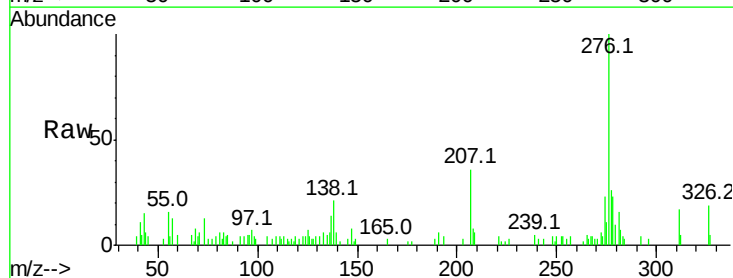
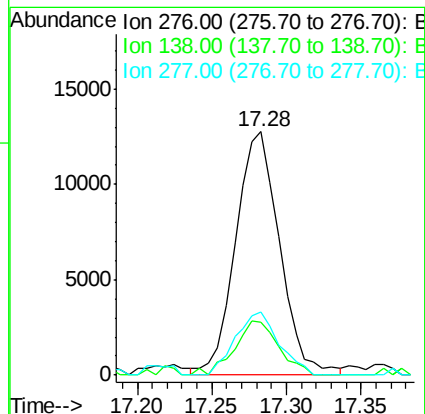
RT: 17.28 min Scan# 2541

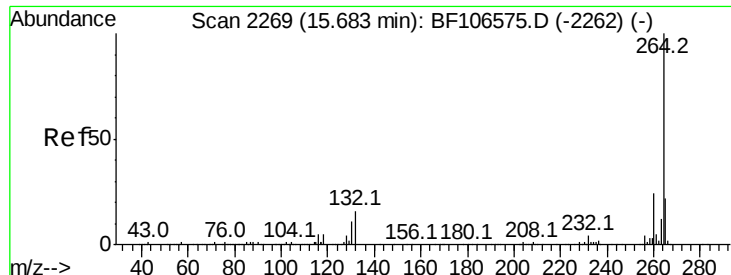
Delta R.T. -0.02 min

Lab File: BF106963.D

Acq: 29 Jun 2018 10:53

Tgt Ion:	276	Resp:	26208
Ion Ratio	Lower	Upper	
276	100		
138	22.1	25.0	37.6#
277	25.7	20.1	30.1





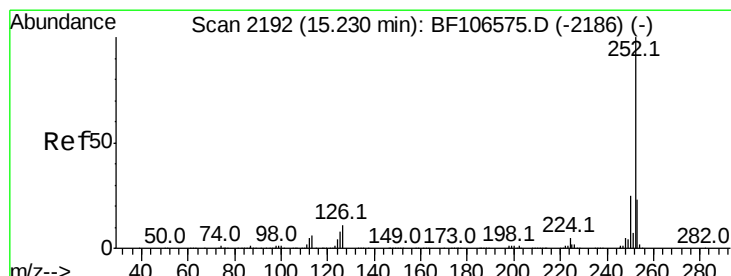
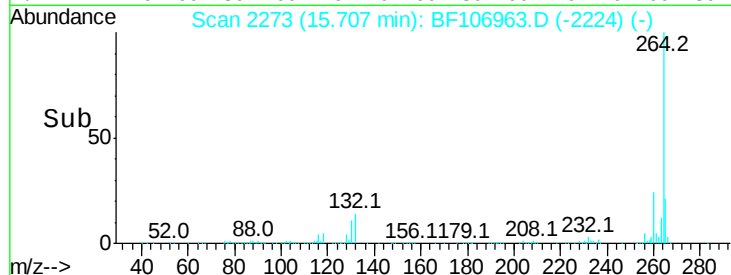
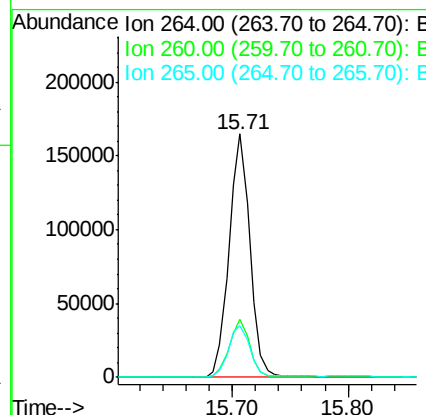
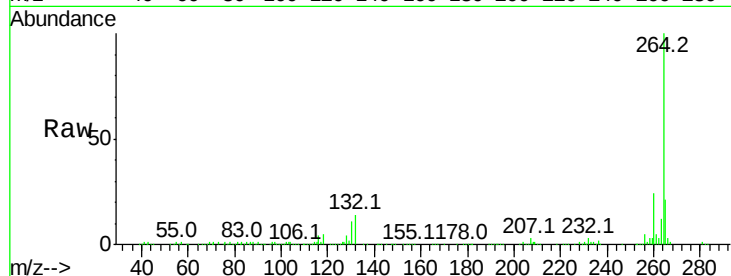
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Instrument :
BNA_F
ClientSampleId :
TP-2-DRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.5	26.3

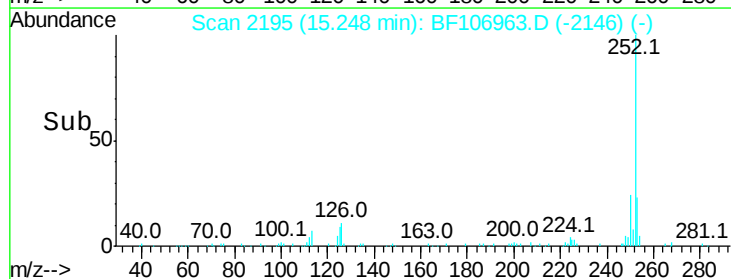
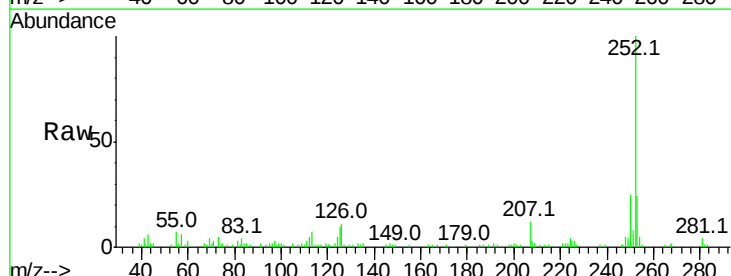
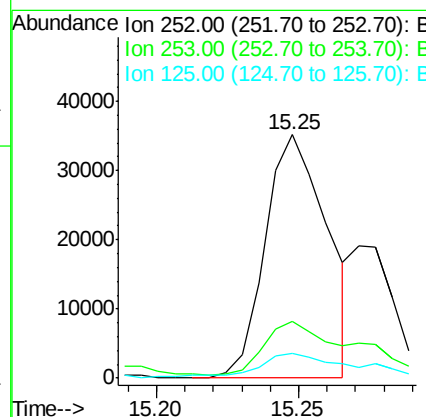
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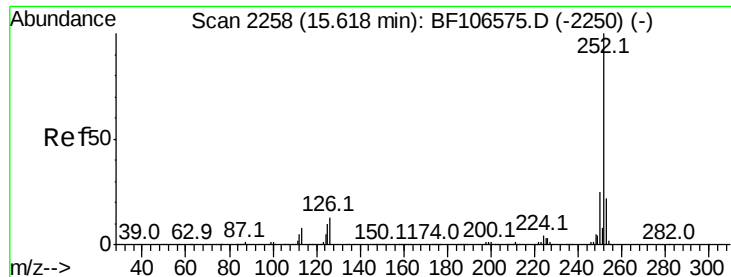
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#87
Benzo(b)fluoranthene
Concen: 4.165 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	10.2	9.0	13.6





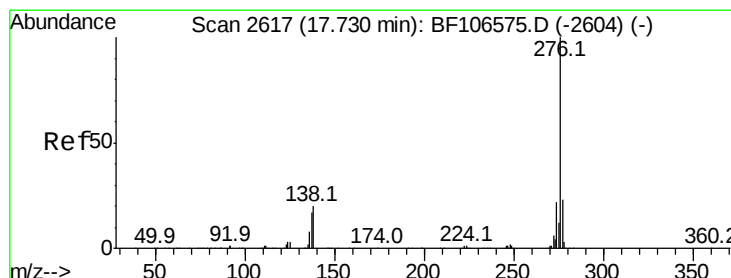
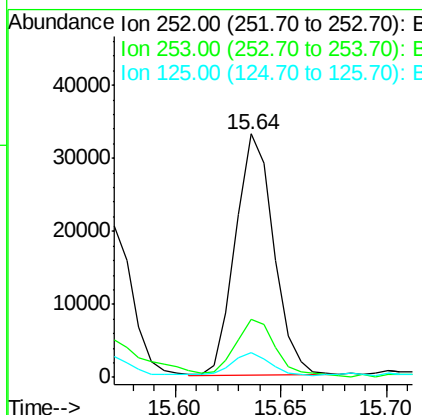
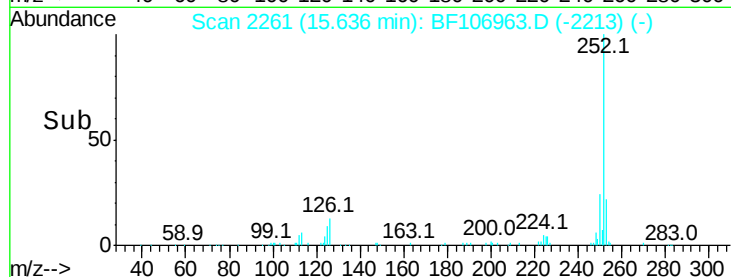
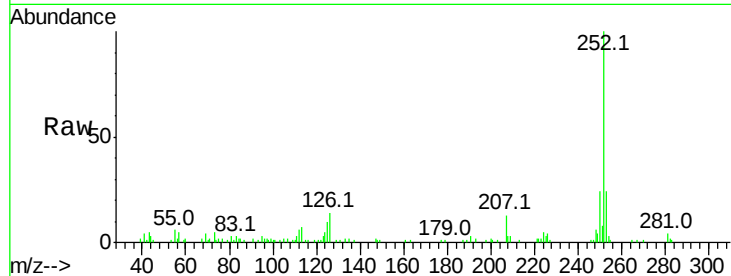
#89
Benzo(a)pyrene
Concen: 3.627 ng
RT: 15.64 min Scan# 2261
Delta R.T. -0.02 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Instrument :
BNA_F
ClientSampleId :
TP-2-DRE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	9.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.574 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF106963.D
Acq: 29 Jun 2018 10:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	19.6	21.8	32.8#

