

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106441.D
 Acq On : 14 Jun 2018 14:49
 Operator : JU/SJ
 Sample : J3239-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-061318-C

Manual Integrations
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 6/15/2018 11:16:46 AM

Quant Time: Jun 14 18:56:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 14 18:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141142	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	536665	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	243318	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	411040	20.00	ng	0.00
75) Chrysene-d12	14.15	240	358935	20.00	ng	0.00
86) Perylene-d12	15.72	264	336414	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	755069	90.54	ng	0.00
7) Phenol-d6	6.61	99	944394	89.64	ng	0.00
23) Nitrobenzene-d5	7.52	82	640413	70.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	238178	101.74	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1025773	70.90	ng	0.00
78) Terphenyl-d14	13.08	244	865536	59.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.71	163	149941	8.625	ng	99
70) Phenanthrene	11.52	178	60190	2.990	ng	97
74) Fluoranthene	12.71	202	102304	4.765	ng	96
77) Pyrene	12.94	202	93970	4.182	ng	98
80) Benzo(a)anthracene	14.14	228	59827	2.801	ng	97
82) Chrysene	14.18	228	53831	2.760	ng	96
87) Benzo(b)fluoranthene	15.26	252	67911m	3.339	ng	
89) Benzo(a)pyrene	15.65	252	45569	2.491	ng	94

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

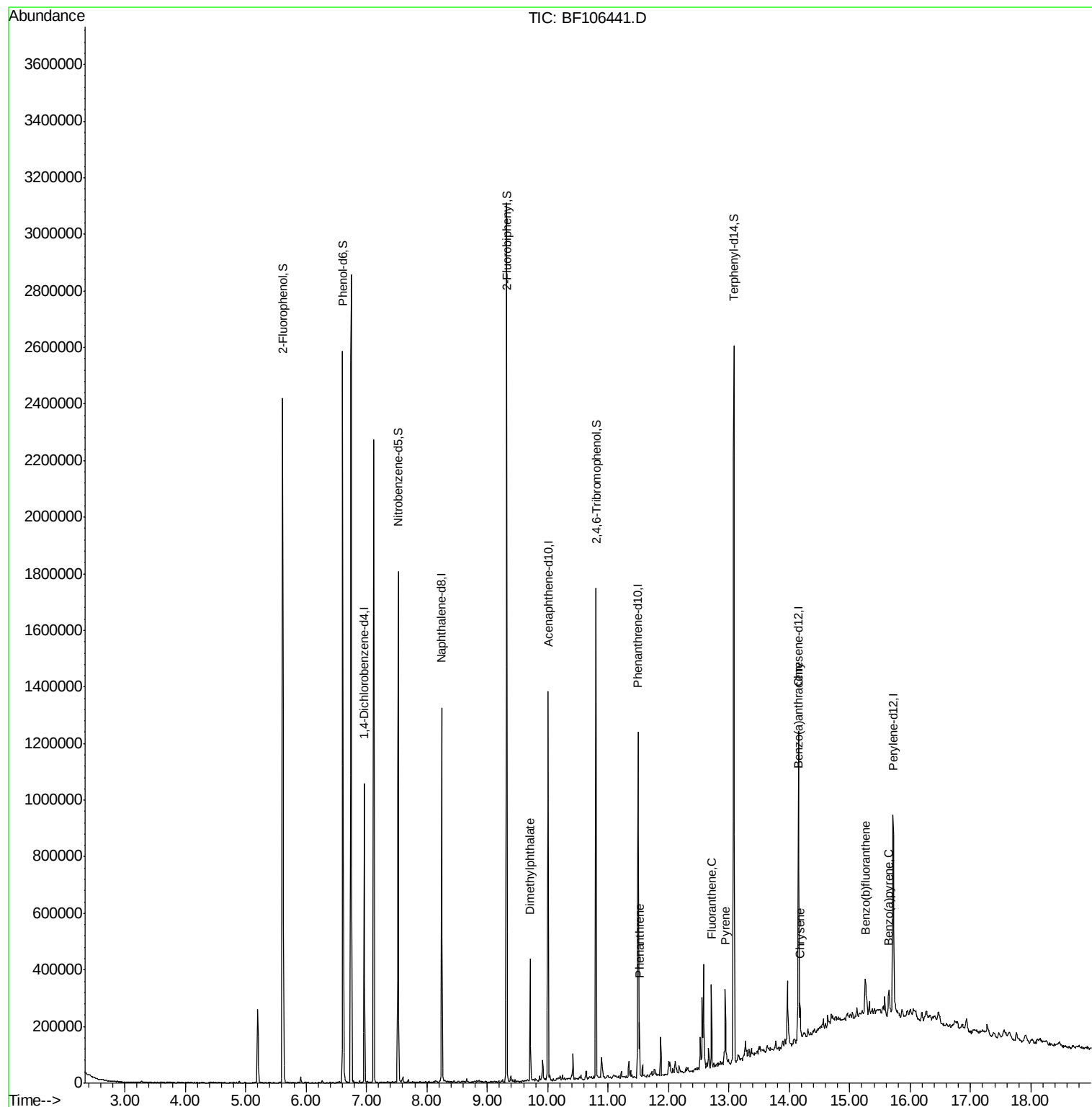
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

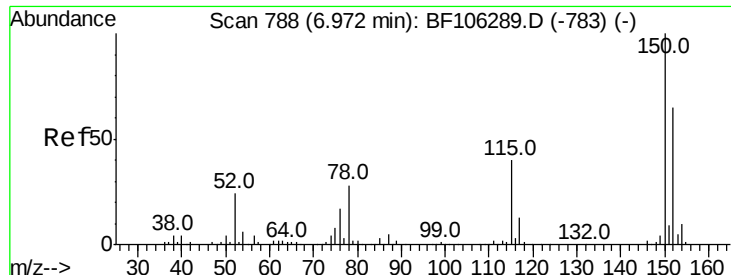
Instrument :
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AU-06-061318-C

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#1

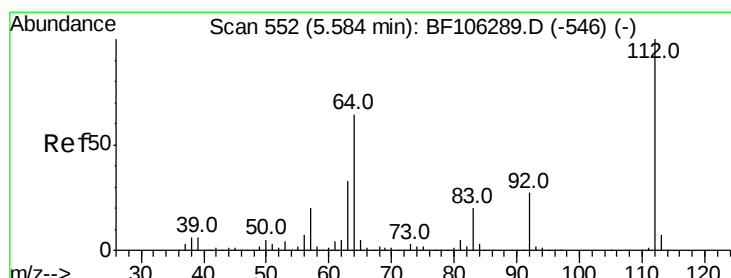
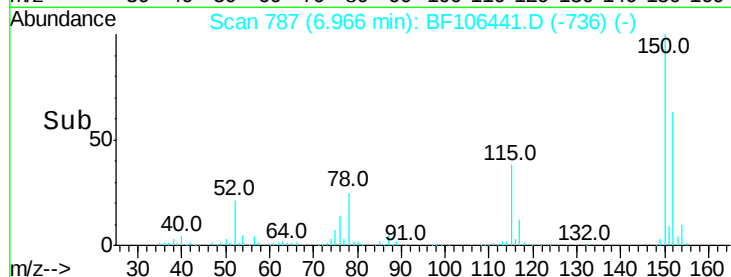
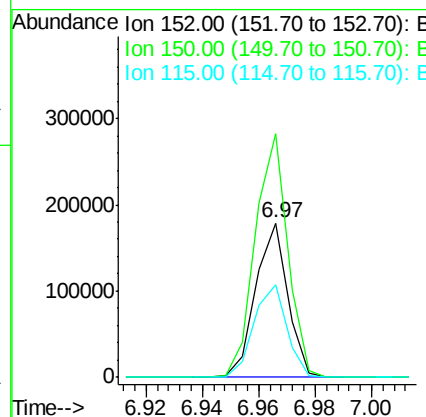
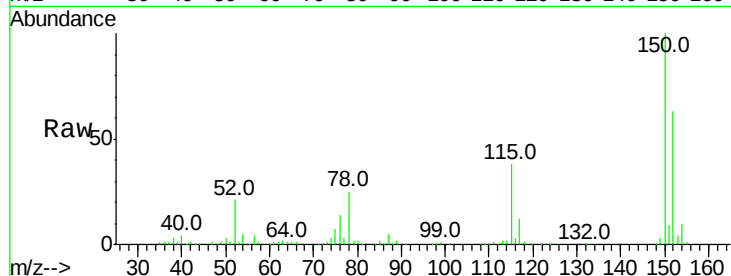
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106441.D
Acq: 14 Jun 2018 14:49

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	59.8	50.1	75.1

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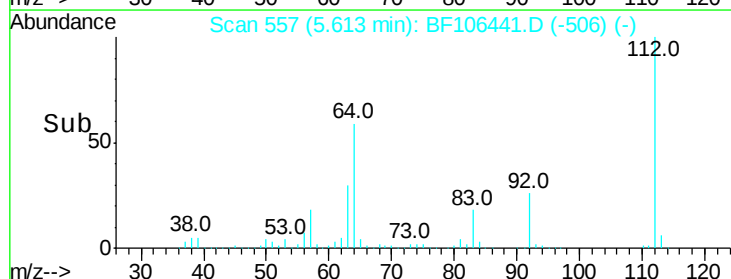
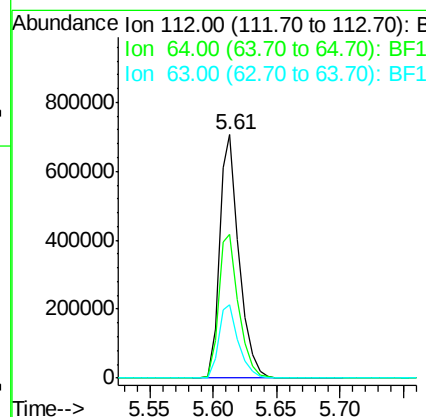
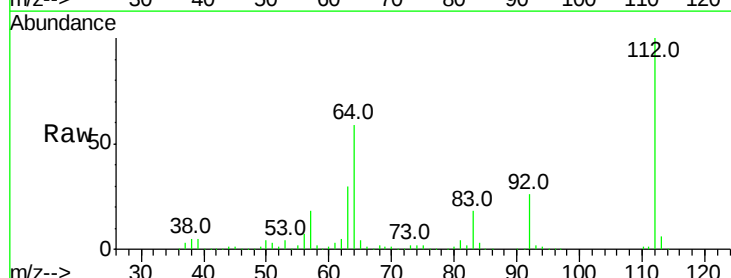
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#5

2-Fluorophenol
Concen: 90.544 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106441.D
Acq: 14 Jun 2018 14:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	30.1	23.7	35.5





#7

Phenol-d6

Concen: 89.636 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Instrument :

BNA_F

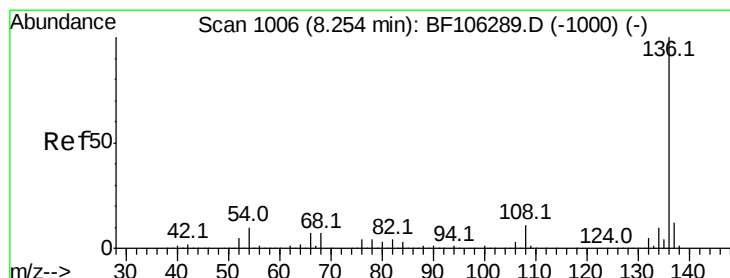
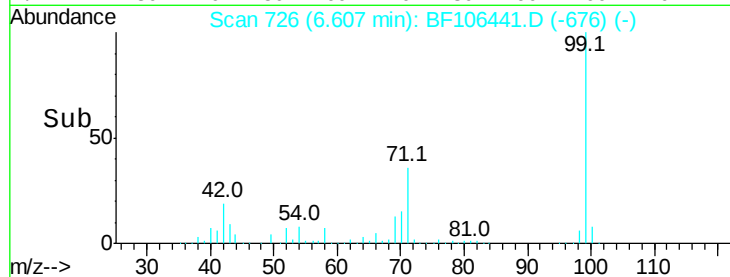
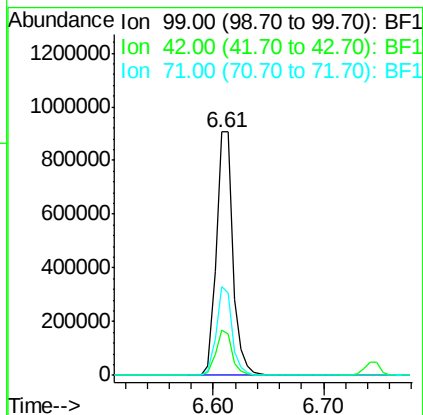
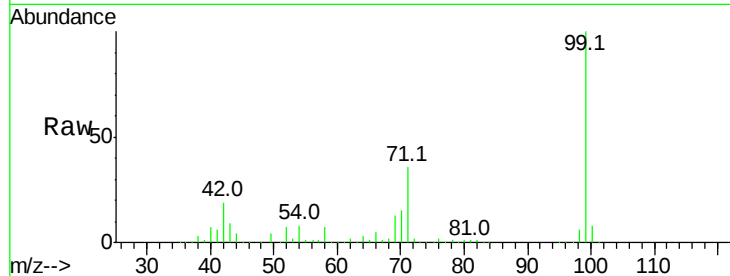
ClientSampleId :

AU-06-061318-C

Tot Ion:	99	Resp:	944394
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.5	21.7
71	36.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

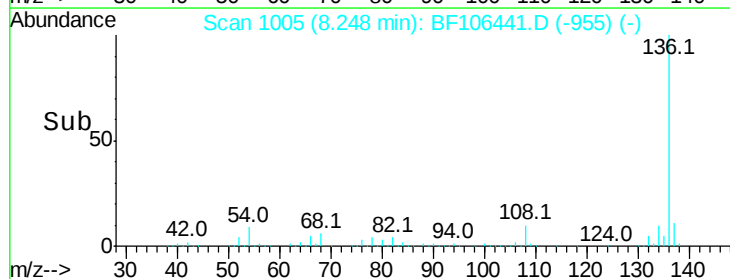
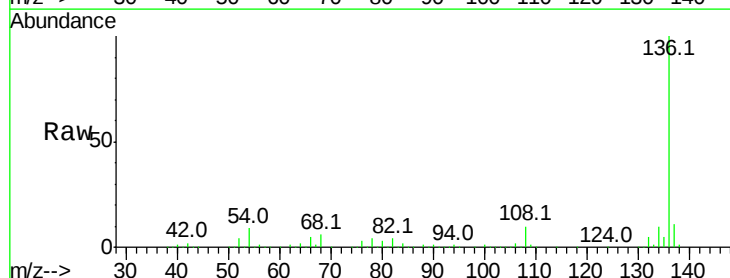
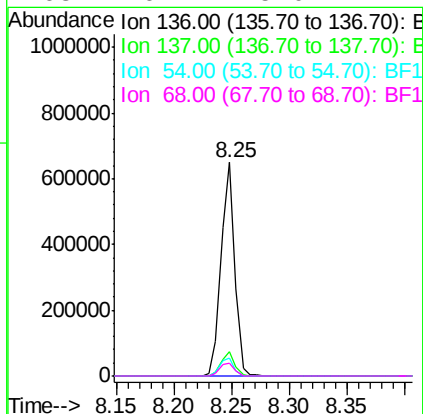
RT: 8.25 min Scan# 1005

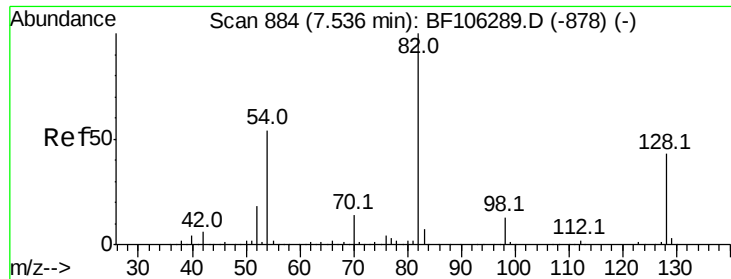
Delta R.T. -0.01 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Tgt Ion:	136	Resp:	536665
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 70.201 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Instrument :

BNA_F

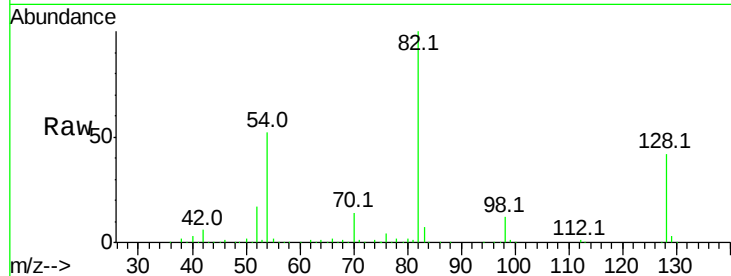
ClientSampleId :

AU-06-061318-C

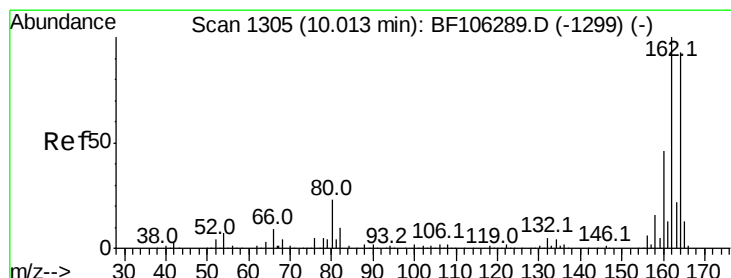
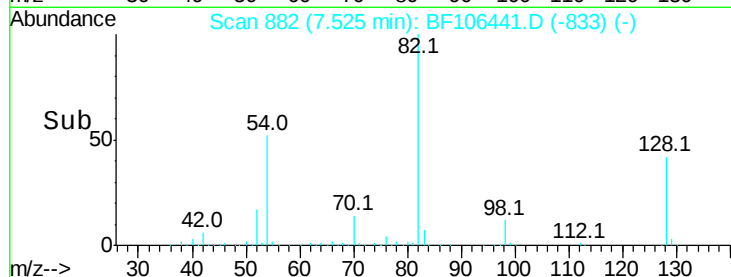
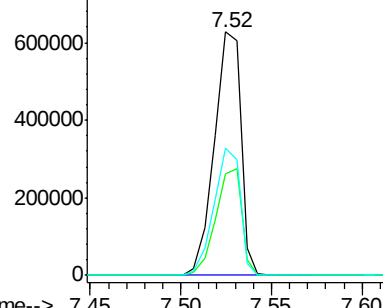
Tot Ion:	82	Resp:	640413
Ion Ratio	Lower	Upper	
82	100		
128	42.0	36.1	54.1
54	52.2	41.4	62.2

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

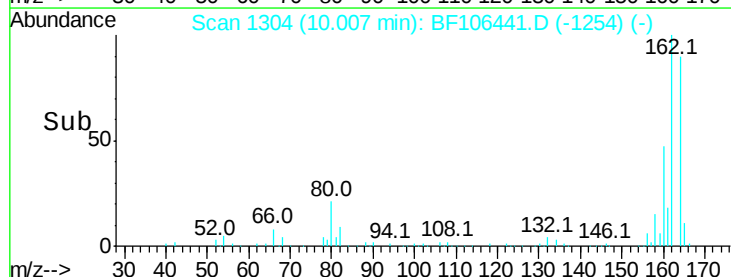
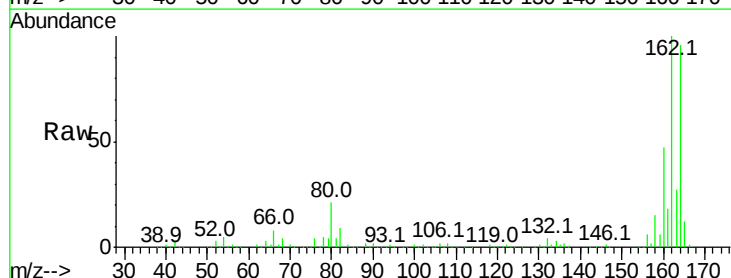
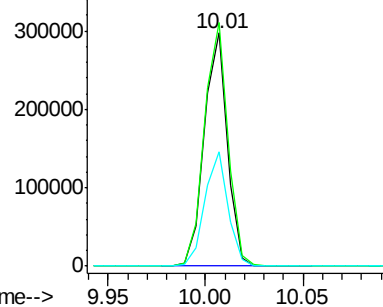
Delta R.T. -0.01 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Tgt Ion:	164	Resp:	243318
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	48.8	38.3	57.5

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





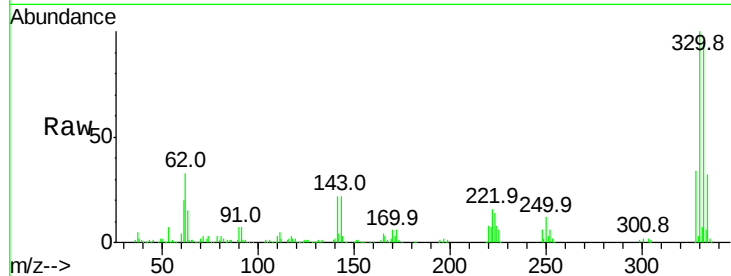
#41
 2,4,6-Tribromophenol
 Concen: 101.736 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106441.D
 Acq: 14 Jun 2018 14:49

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-061318-C

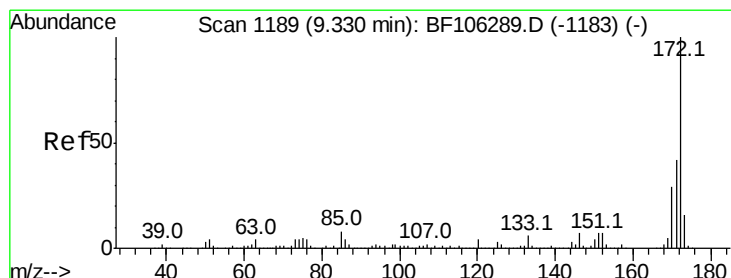
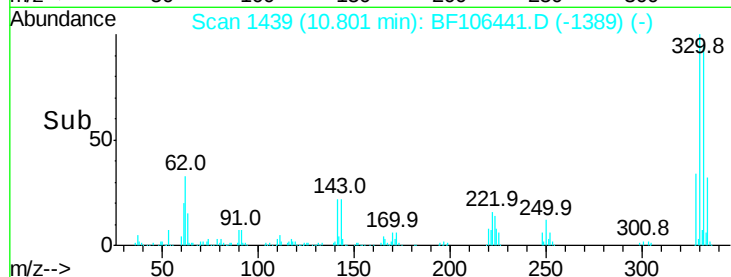
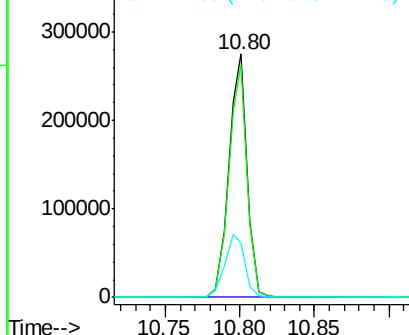
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.0	115.6	
141	28.4	29.9	44.9#	

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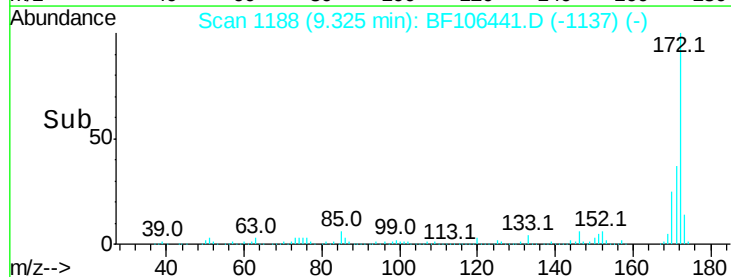
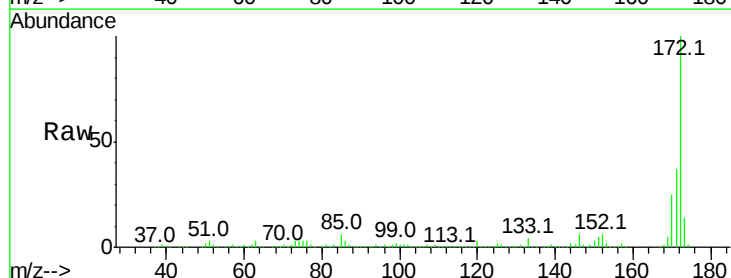
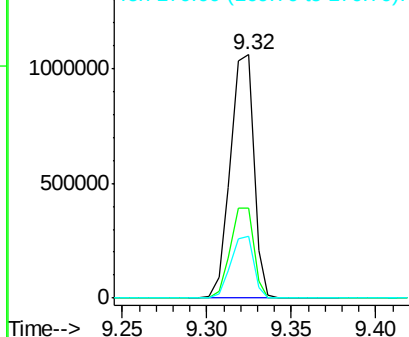
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

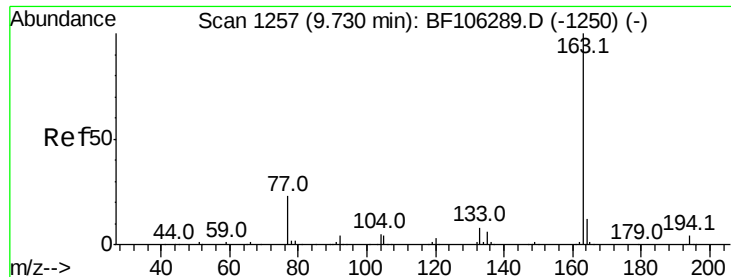


#44
 2-Fluorobiphenyl
 Concen: 70.904 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106441.D
 Acq: 14 Jun 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	29.7	44.5	
170	25.3	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





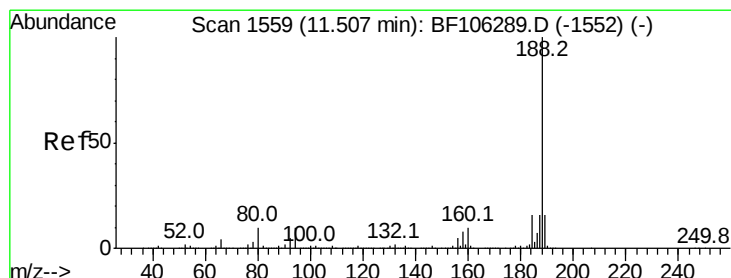
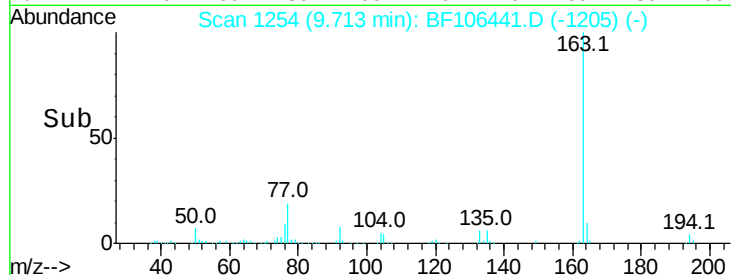
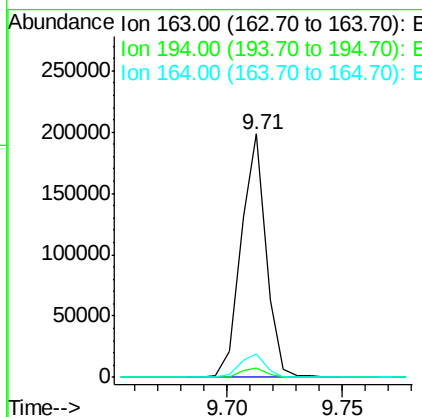
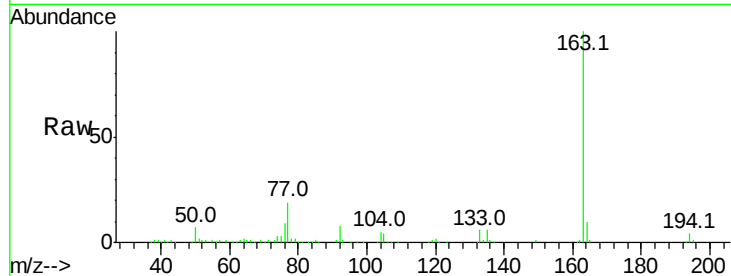
#49
Dimethylphthalate
Concen: 8.625 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106441.D
Acq: 14 Jun 2018 14:49

Instrument :
BNA_F
ClientSampleId :
AU-06-061318-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	149941		
194	3.9	2.7	4.1	
164	9.7	8.2	12.2	

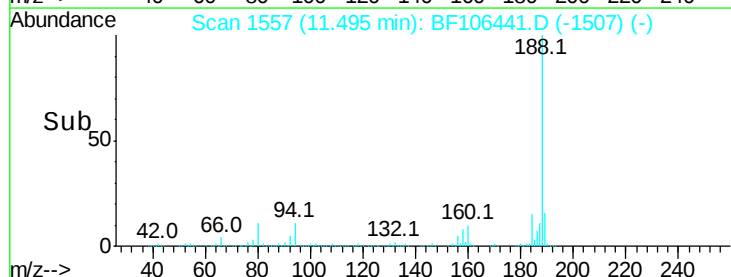
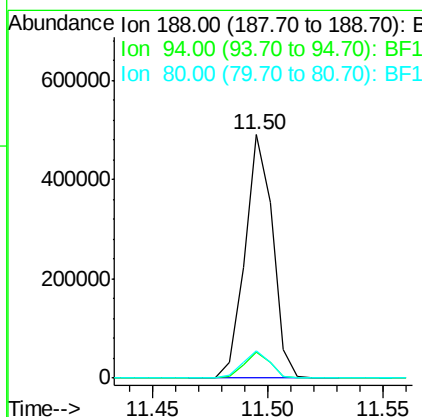
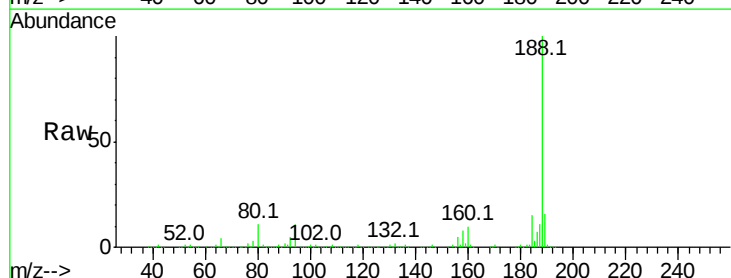
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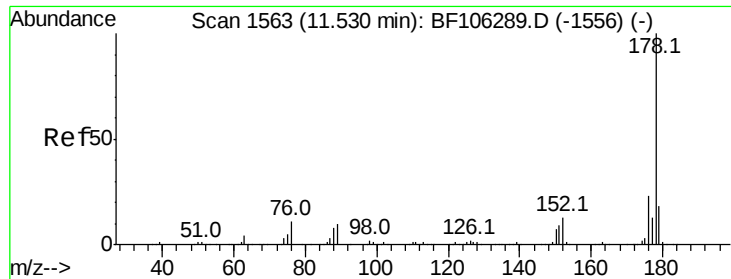
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106441.D
Acq: 14 Jun 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	411040		
94	10.6	8.5	12.7	
80	11.0	9.2	13.8	





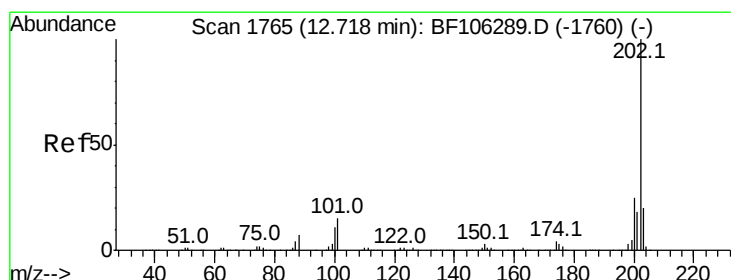
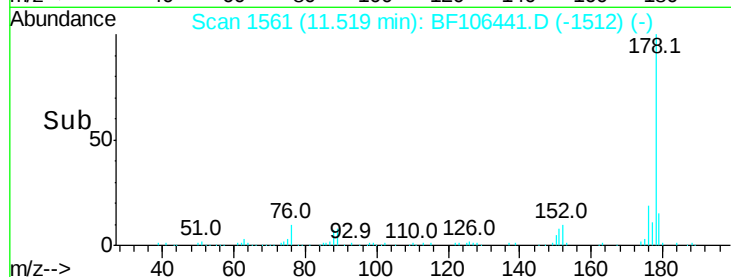
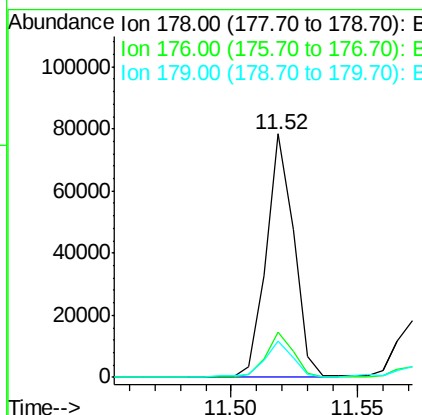
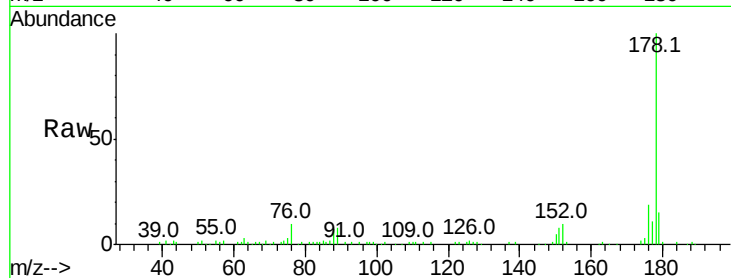
#70
Phenanthrene
Concen: 2.990 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106441.D
Acq: 14 Jun 2018 14:49

Instrument :
BNA_F
ClientSampleId :
AU-06-061318-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.7	13.0	19.6

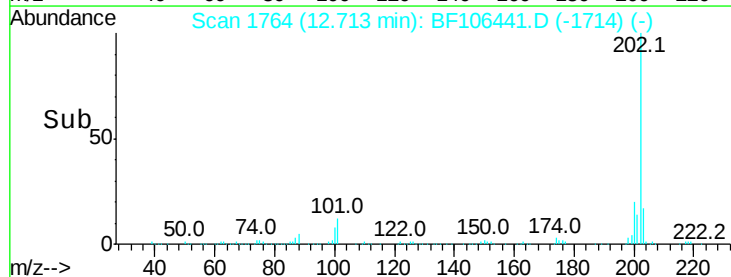
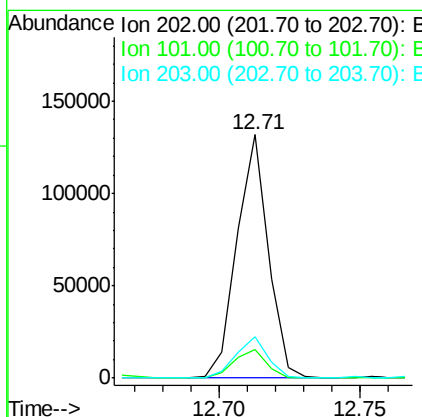
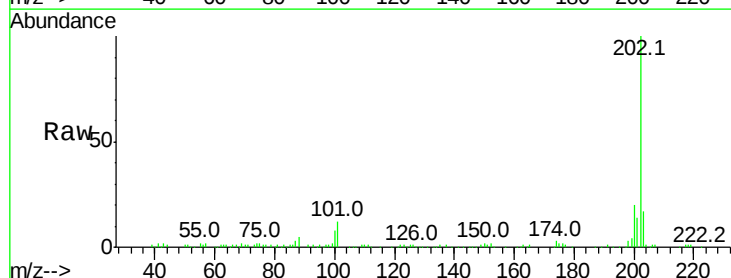
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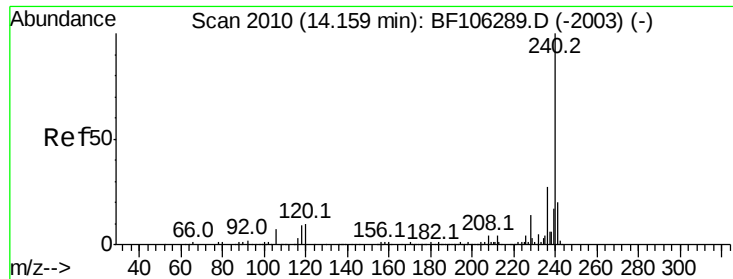
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#74
Fluoranthene
Concen: 4.765 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106441.D
Acq: 14 Jun 2018 14:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.1
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Instrument :

BNA_F

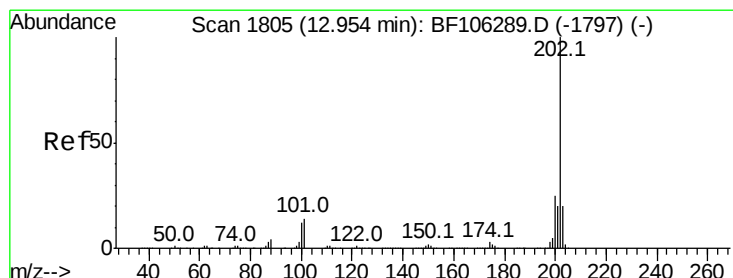
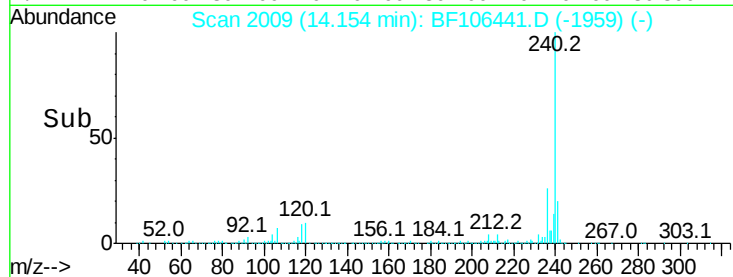
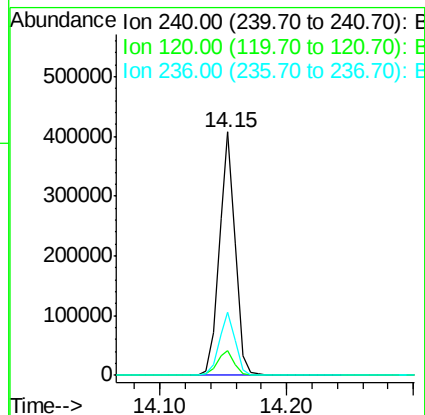
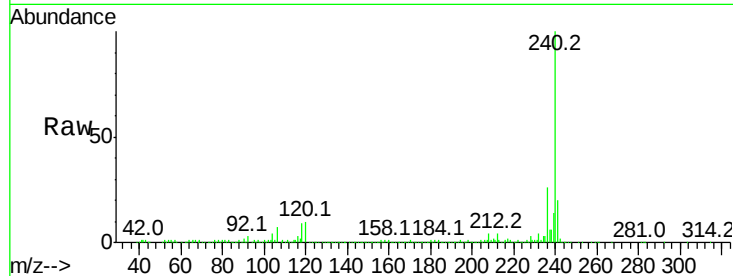
ClientSampleId :

AU-06-061318-C

Tot Ion:	240	Resp:	358935
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.0	20.7	31.1

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#77

Pyrene

Concen: 4.182 ng

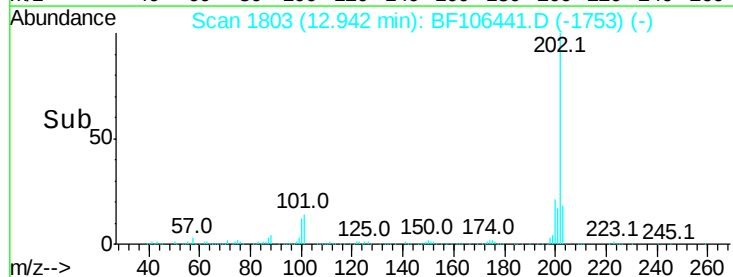
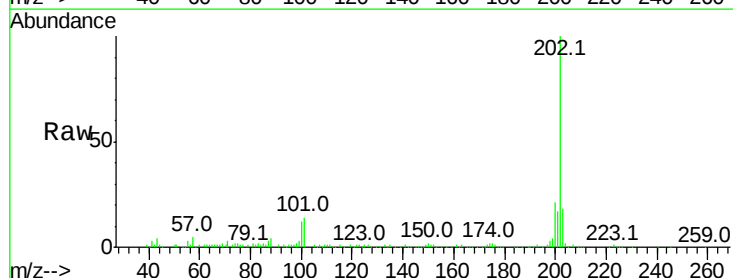
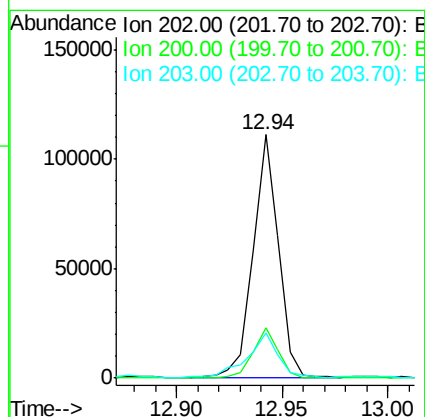
RT: 12.94 min Scan# 1803

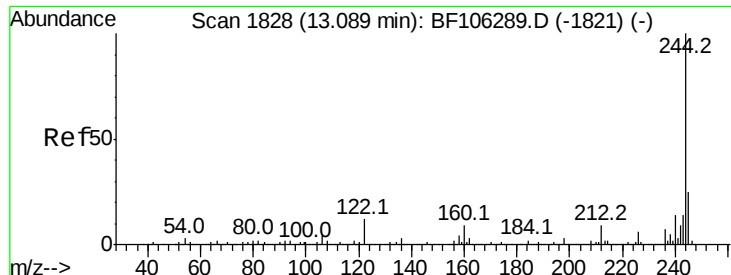
Delta R.T. -0.01 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Tgt Ion:	202	Resp:	93970
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.3	14.3	21.5





#78

Terphenyl-d14

Concen: 59.894 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Instrument :

BNA_F

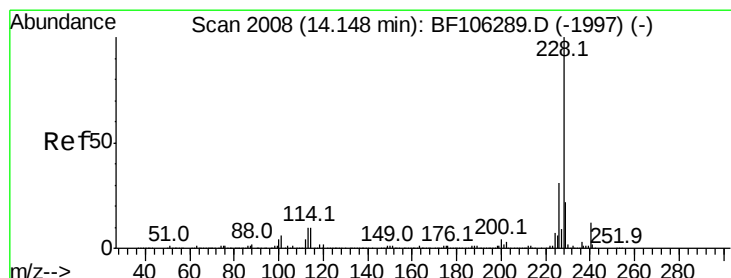
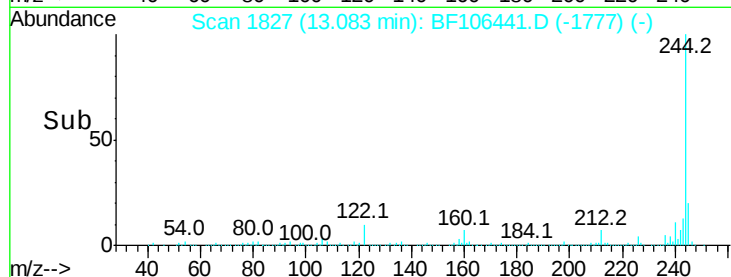
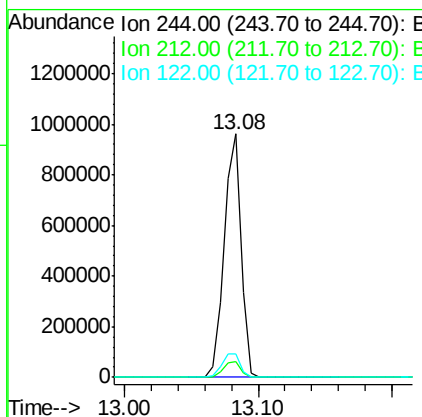
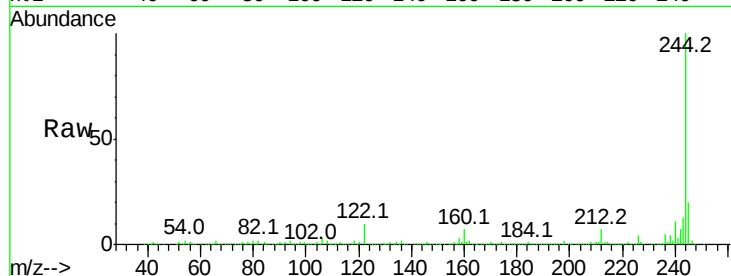
ClientSampleId :

AU-06-061318-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.7	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 2.801 ng

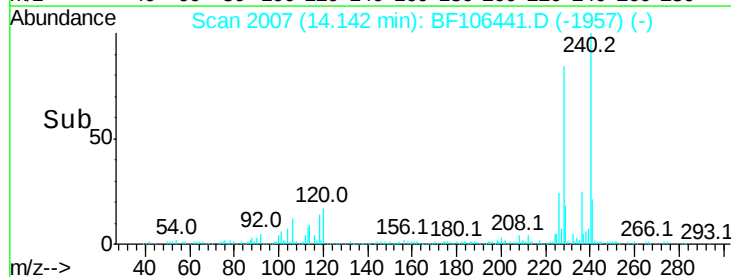
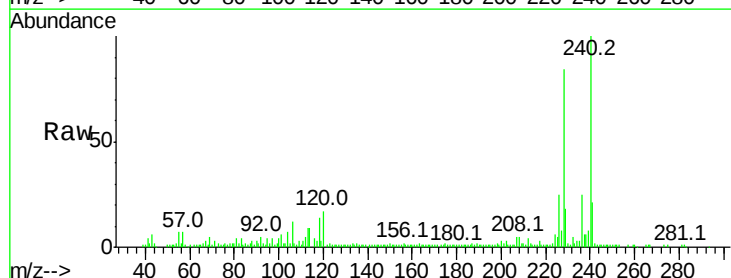
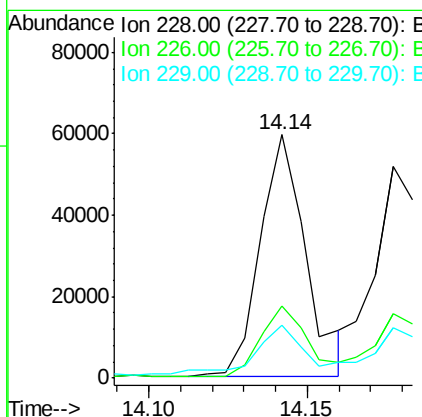
RT: 14.14 min Scan# 2007

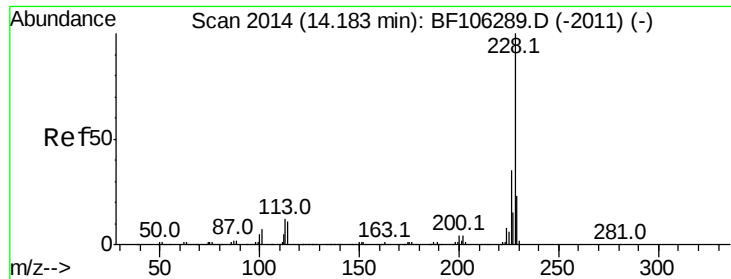
Delta R.T. -0.01 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	21.7	15.8	23.6





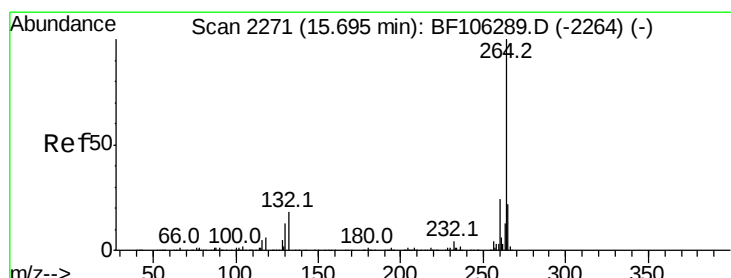
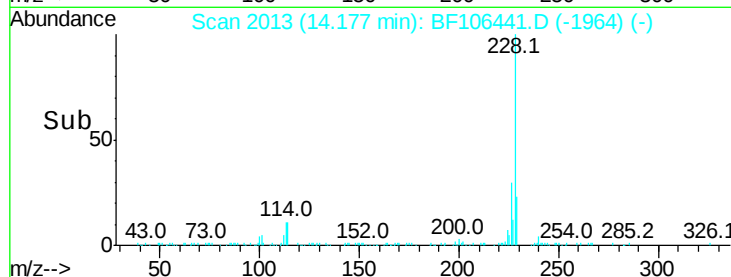
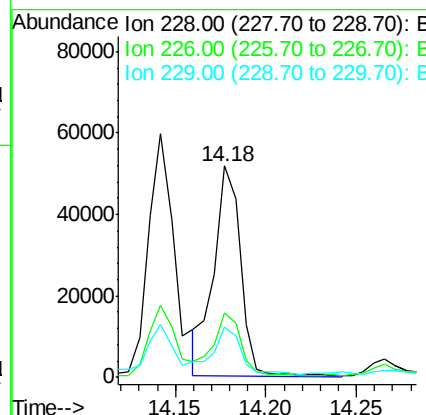
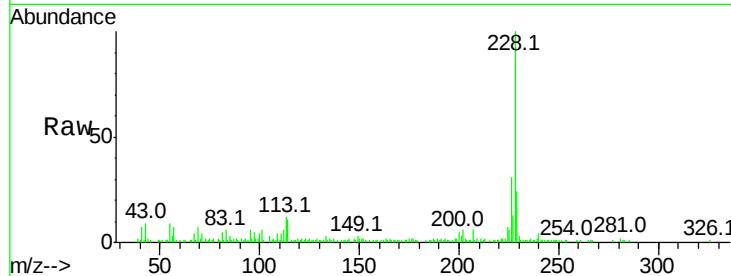
#82
Chrysene
Concen: 2.760 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF106441.D
Acq: 14 Jun 2018 14:49

Instrument :
BNA_F
ClientSampleId :
AU-06-061318-C

Tot Ion:	228	Resp:	53831
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	23.6	16.2	24.4

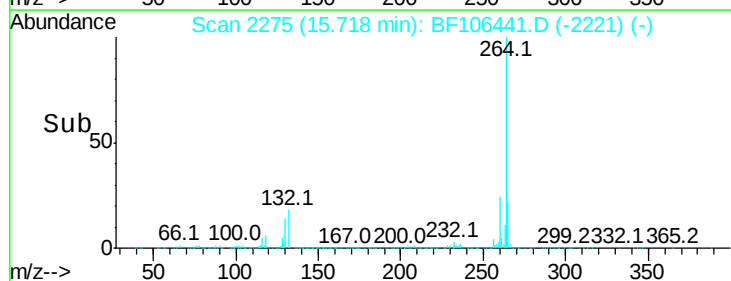
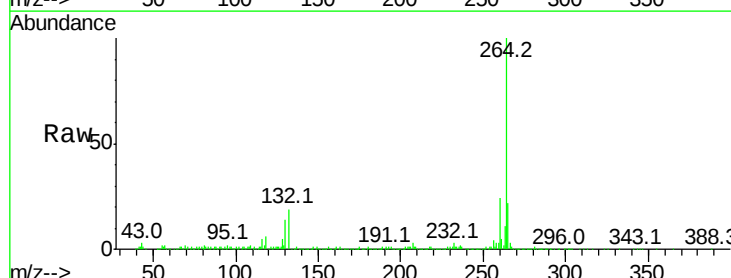
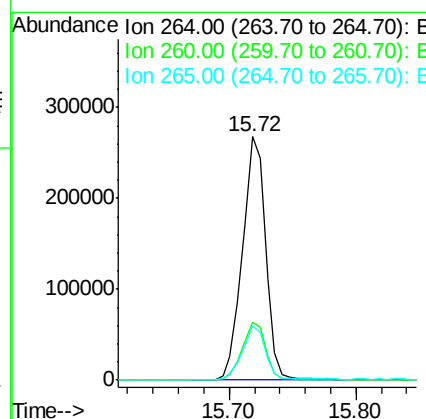
Manual Integrations
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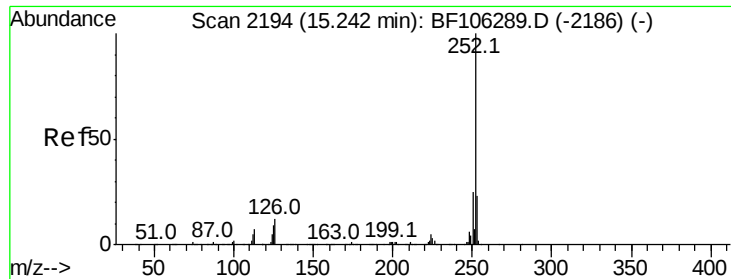
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.02 min
Lab File: BF106441.D
Acq: 14 Jun 2018 14:49

Tgt Ion:	264	Resp:	336414
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	22.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.339 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.02 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Instrument :

BNA_F

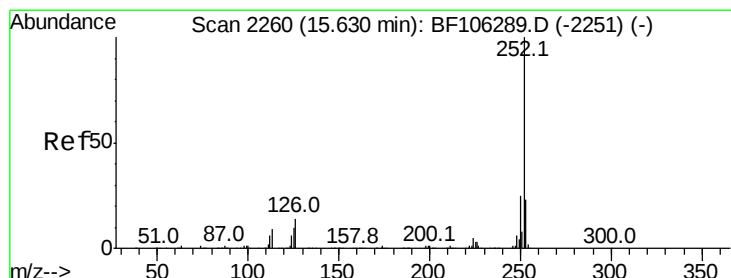
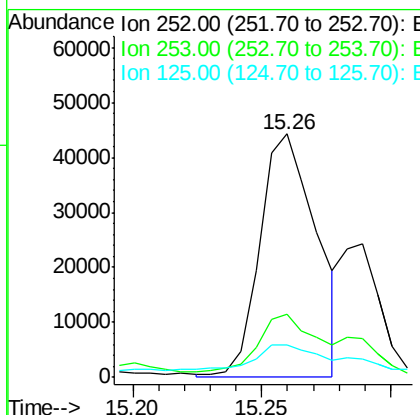
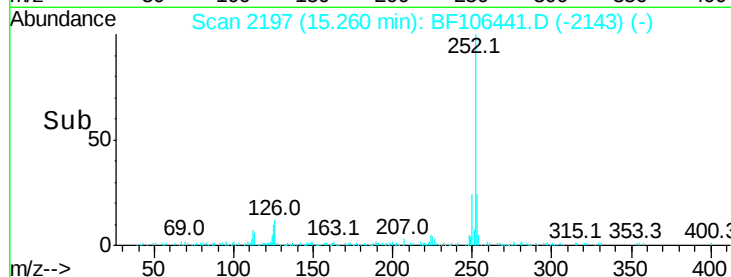
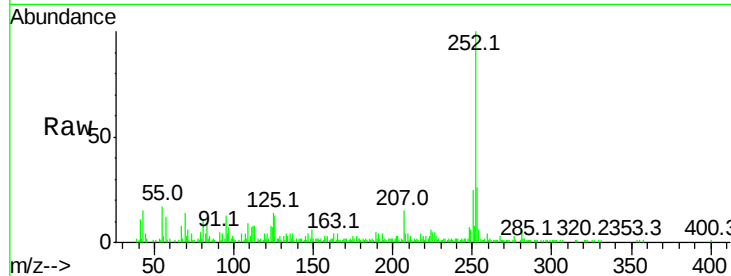
ClientSampleId :

AU-06-061318-C

Tot Ion:	252	Resp:	67911
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.0	25.6#
125	13.6	9.0	13.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.491 ng

RT: 15.65 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF106441.D

Acq: 14 Jun 2018 14:49

Tgt Ion:	252	Resp:	45569
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.1	25.7
125	14.1	9.8	14.6

