

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
 Data File : BF106492.D
 Acq On : 15 Jun 2018 15:28
 Operator : JU/SJ
 Sample : J3471-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 #2

Manual Integrations
 APPROVED

Sohil
 6/18/2018 10:38:25 AM

Quant Time: Jun 16 00:04:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113186	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	410916	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	176798	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	289974	20.00	ng	0.00
75) Chrysene-d12	14.15	240	303105	20.00	ng	0.00
86) Perylene-d12	15.71	264	241878	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	615728	92.07	ng	0.00
7) Phenol-d6	6.61	99	740610	87.66	ng	0.00
23) Nitrobenzene-d5	7.52	82	486648	69.67	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	159768	93.92	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	757494	72.53	ng	0.00
78) Terphenyl-d14	13.08	244	649752	53.24	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	78842	6.242	ng	99
70) Phenanthrene	11.52	178	47907	3.373	ng	98
74) Fluoranthene	12.71	202	121542	8.025	ng	96
77) Pyrene	12.94	202	120397	6.345	ng	99
80) Benzo(a)anthracene	14.14	228	67850	3.762	ng	95
82) Chrysene	14.18	228	69240	4.204	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	27252	2.073	ng	# 88
87) Benzo(b)fluoranthene	15.25	252	78036m	5.337	ng	
89) Benzo(a)pyrene	15.64	252	51128	3.888	ng	96
91) Benzo(g,h,i)perylene	17.75	276	29691	2.787	ng	95

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

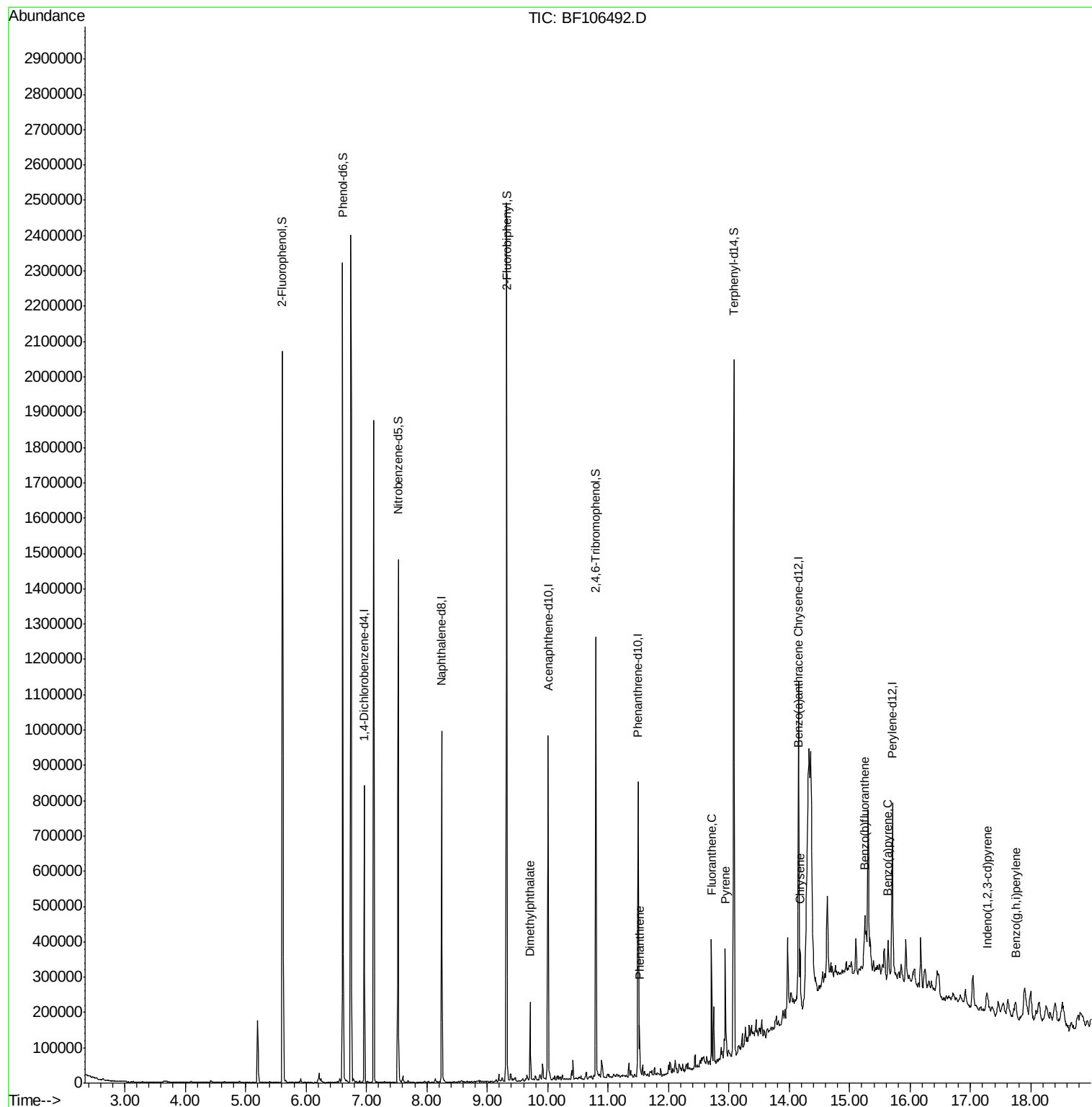
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106492.D
Acq On : 15 Jun 2018 15:28
Operator : JU/SJ
Sample : J3471-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

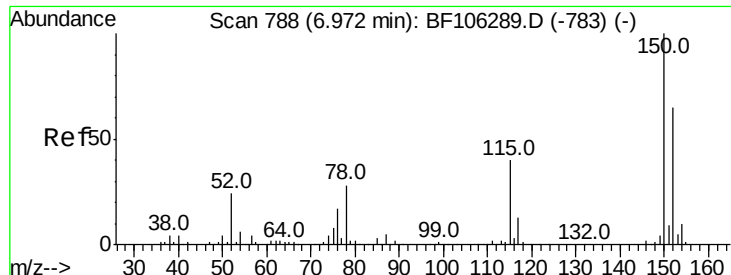
Instrument :
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#2

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#1

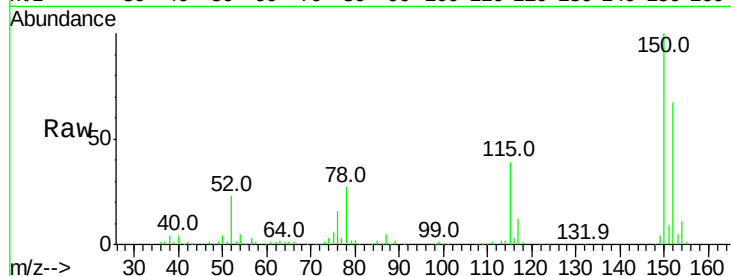
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	124.6	186.8
115	57.4	50.1	75.1

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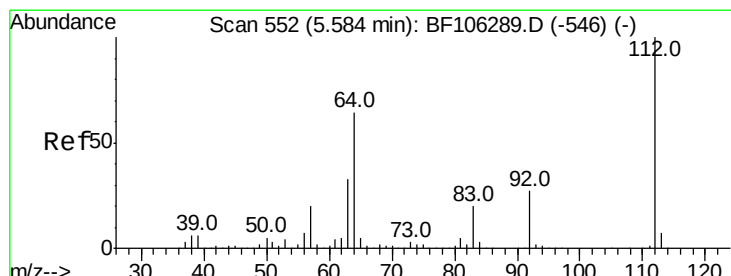
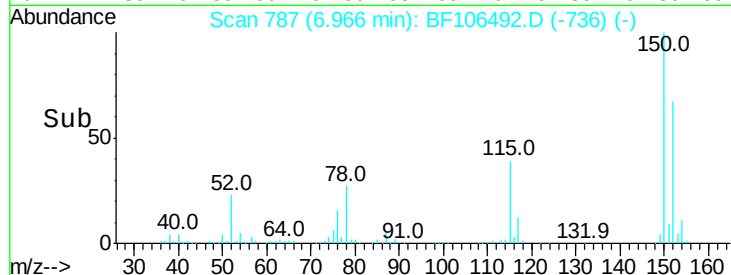
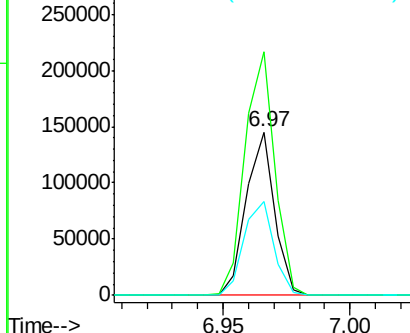


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

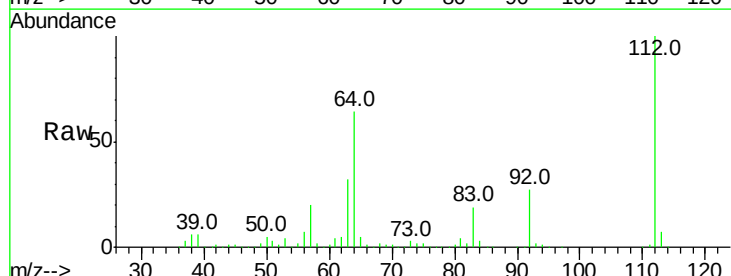
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.071 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	32.5	23.7	35.5

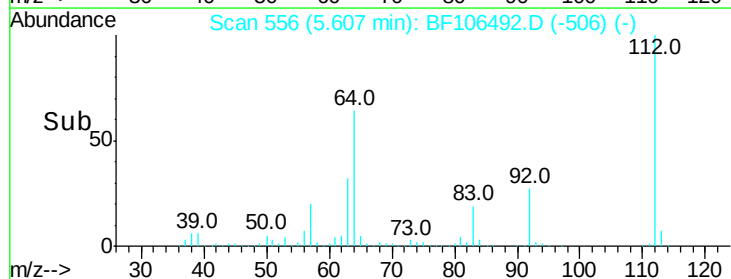
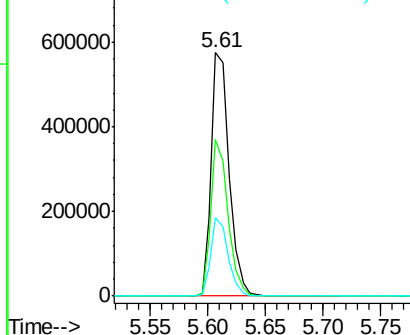


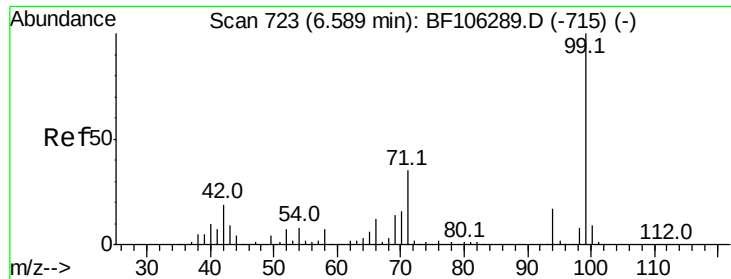
Abundance

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: 87.656 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Instrument :

BNA_F

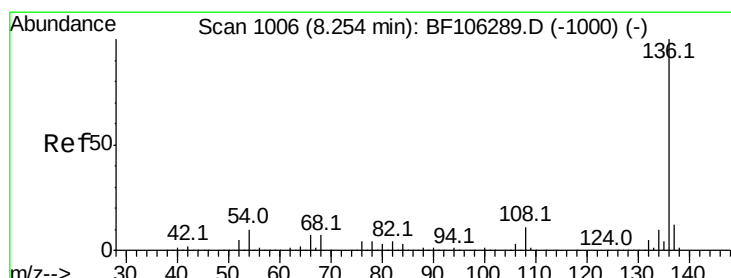
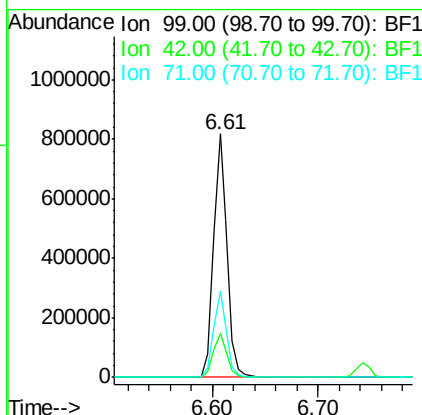
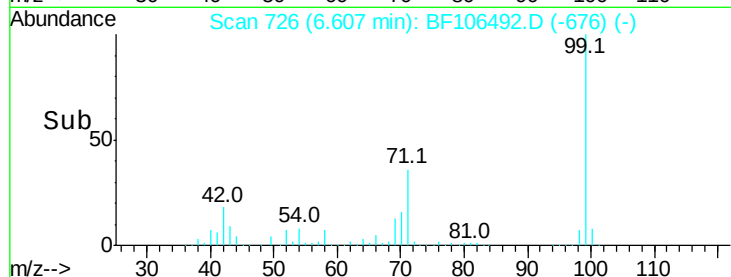
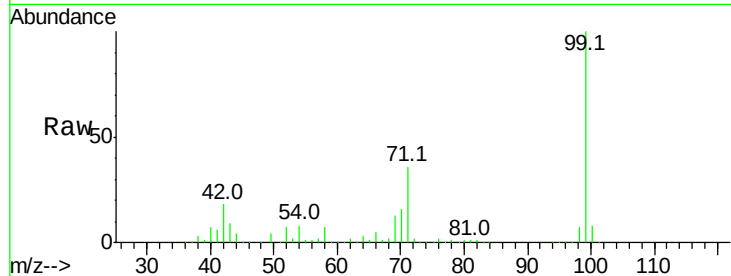
ClientSampled :

#2

Tot Ion:	99	Resp:	740610
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	35.6	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

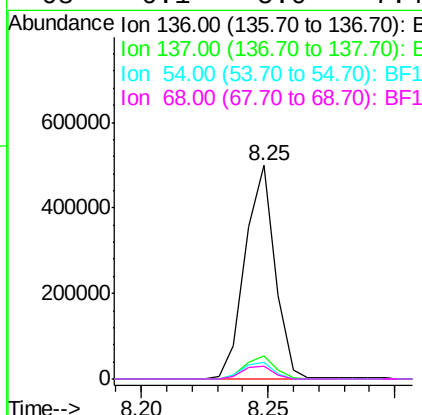
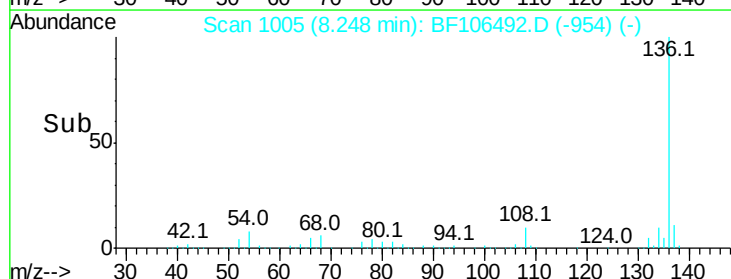
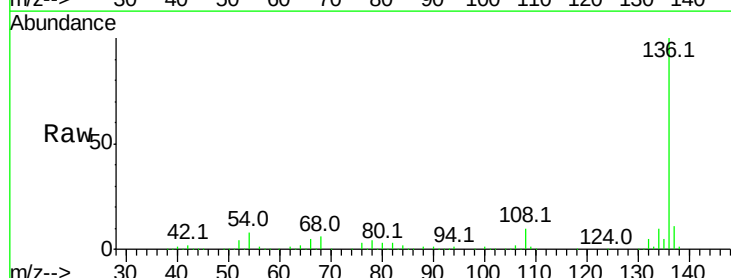
RT: 8.25 min Scan# 1005

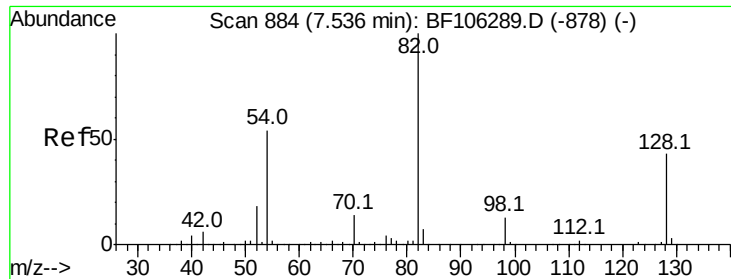
Delta R.T. 0.00 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Tgt Ion:	136	Resp:	410916
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.9	13.3
54	8.0	6.6	9.8
68	6.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 69.671 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Instrument :

BNA_F

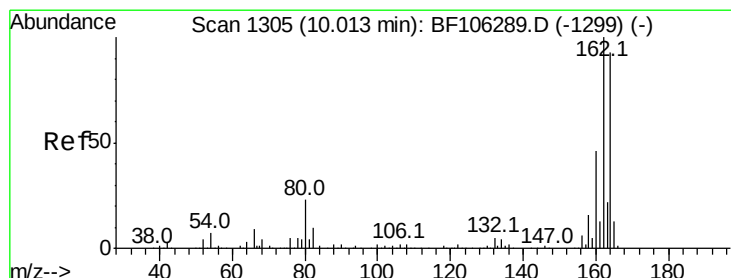
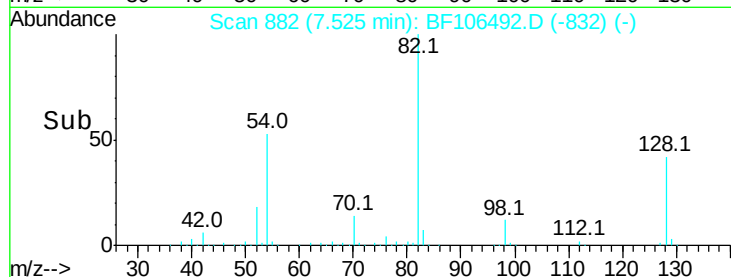
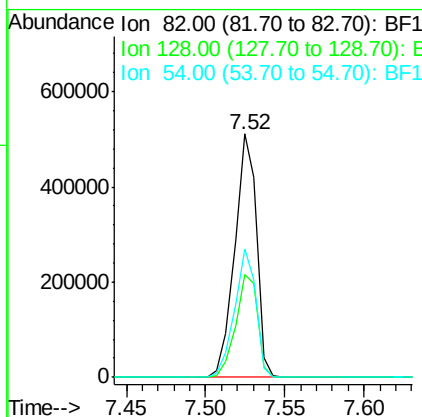
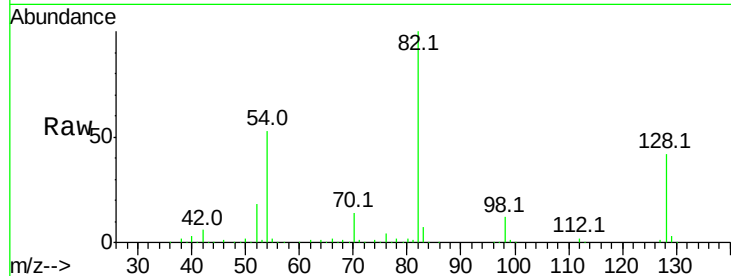
ClientSampled :

#2

Tot Ion:	82	Resp:	486648
Ion Ratio	Lower	Upper	
82	100		
128	42.0	36.1	54.1
54	52.8	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

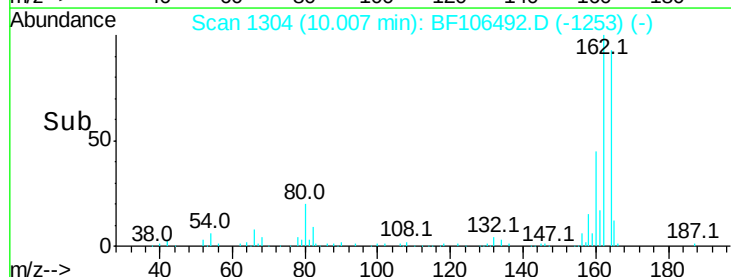
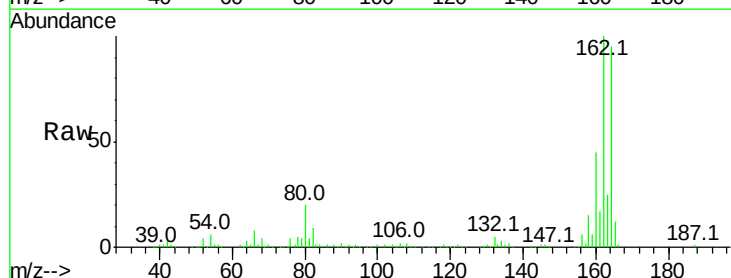
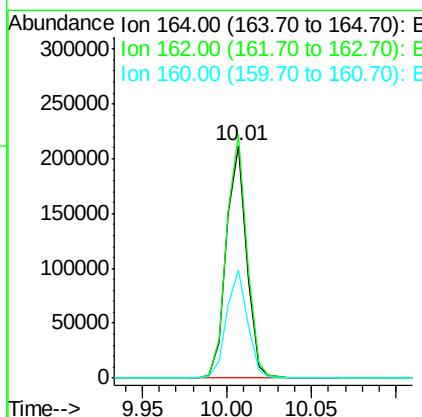
RT: 10.01 min Scan# 1304

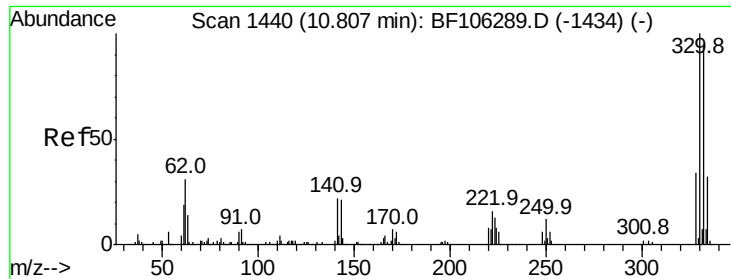
Delta R.T. 0.00 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Tgt Ion:	164	Resp:	176798
Ion Ratio	Lower	Upper	
164	100		
162	104.9	86.1	129.1
160	46.7	38.3	57.5





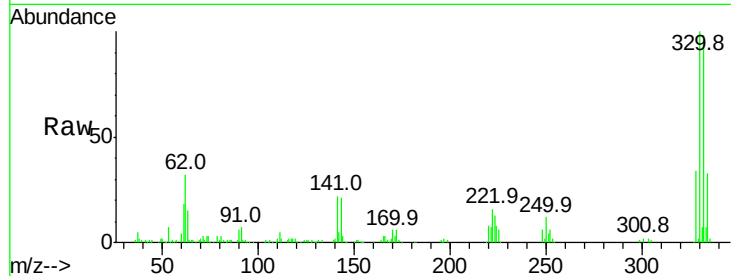
#41
 2,4,6-Tribromophenol
 Concen: 93.920 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106492.D
 Acq: 15 Jun 2018 15:28

Instrument :
 BNA_F
 ClientSampled :
 #2

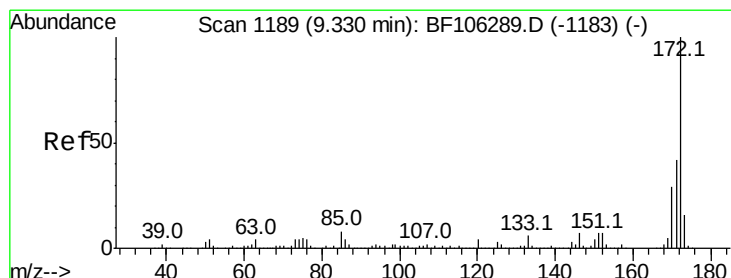
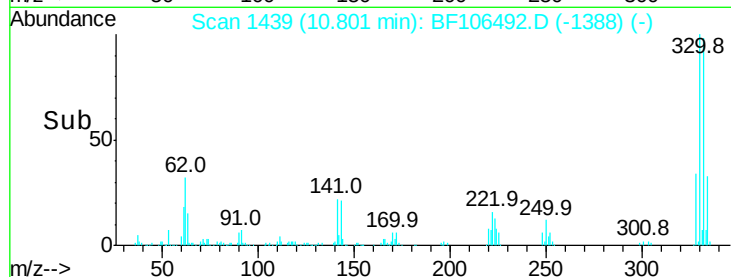
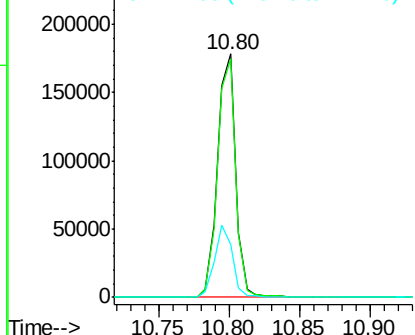
Tot Ion	Ratio	Resp	Lower	Upper
330	100	159768		
332	97.5	77.0	115.6	
141	29.2	29.9	44.9#	

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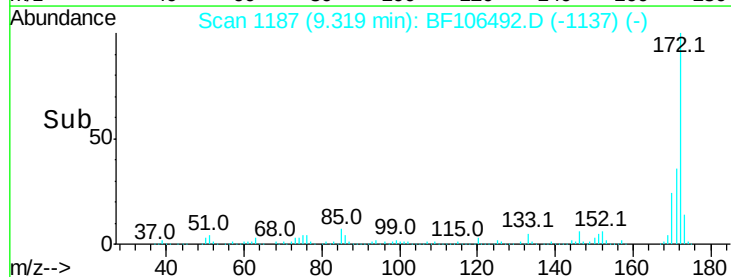
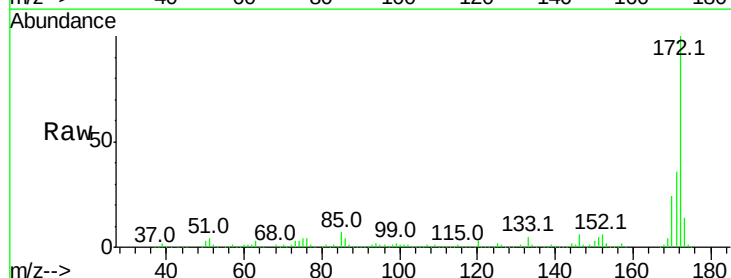
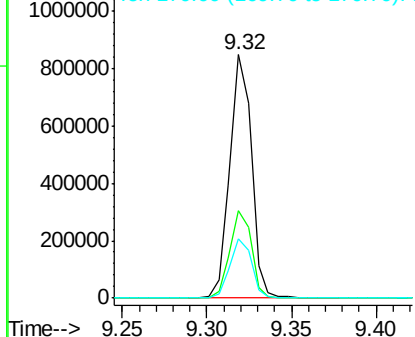
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

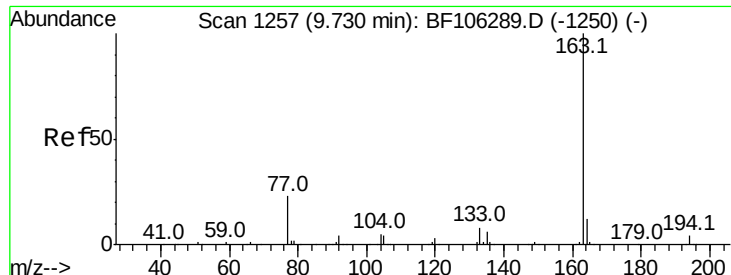


#44
 2-Fluorobiphenyl
 Concen: 72.532 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106492.D
 Acq: 15 Jun 2018 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	757494		
171	36.1	29.7	44.5	
170	24.5	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





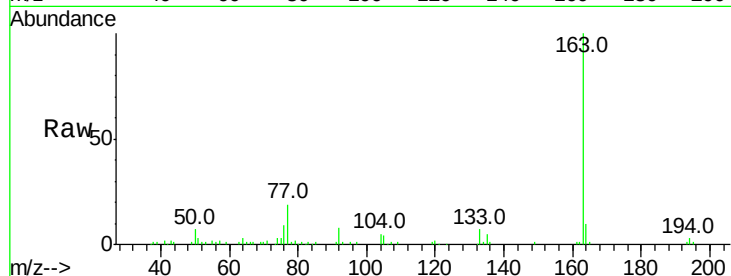
#49
Dimethylphthalate
Concen: 6.242 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampleId :
#2

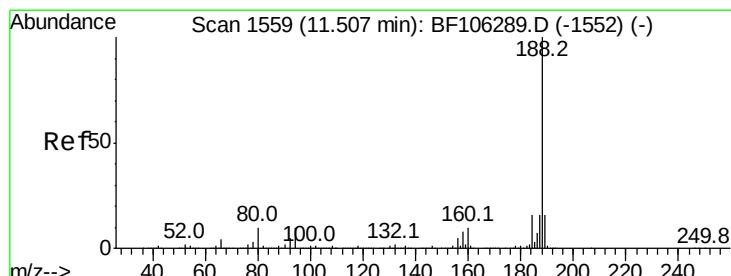
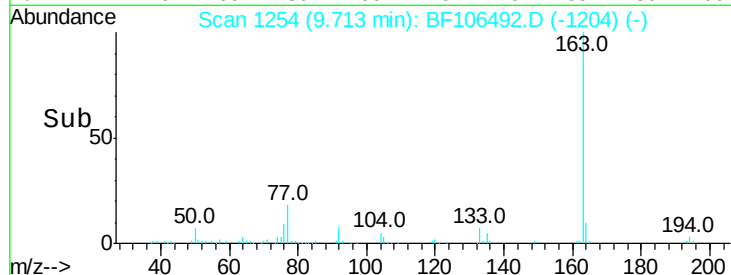
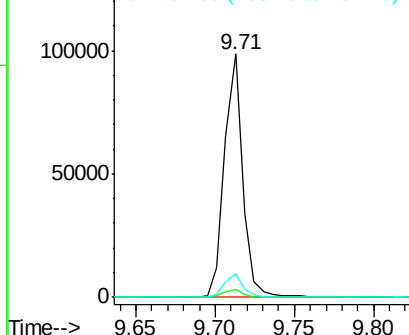
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2

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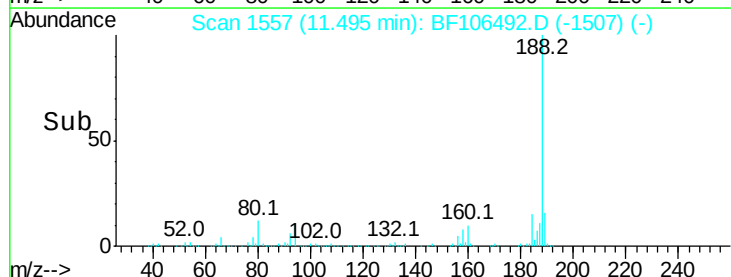
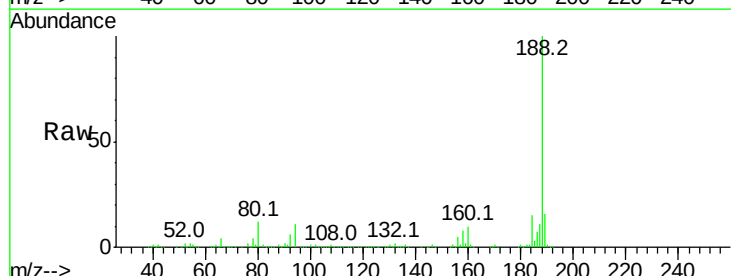
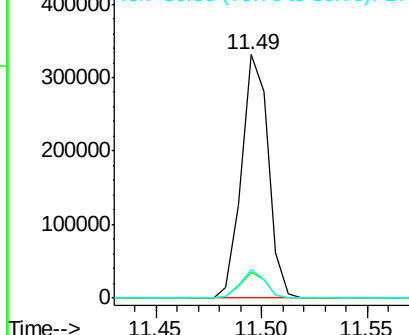
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

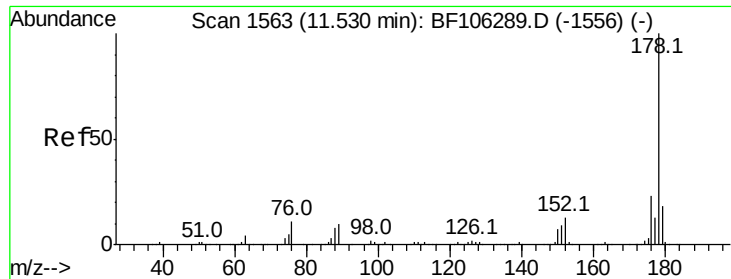


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.8	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: 3.373 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Instrument :

BNA_F

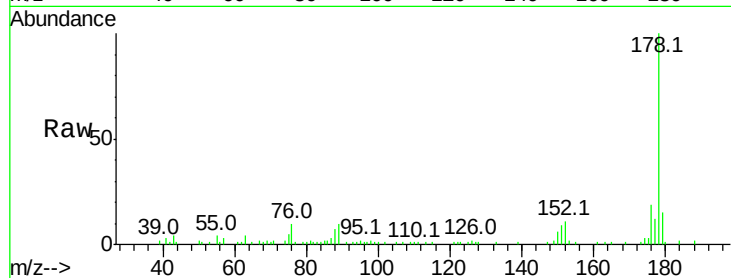
ClientSampleId :

#2

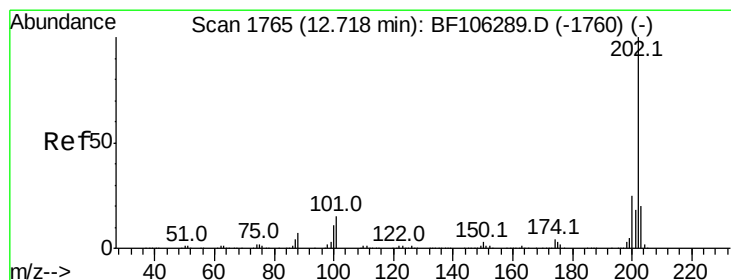
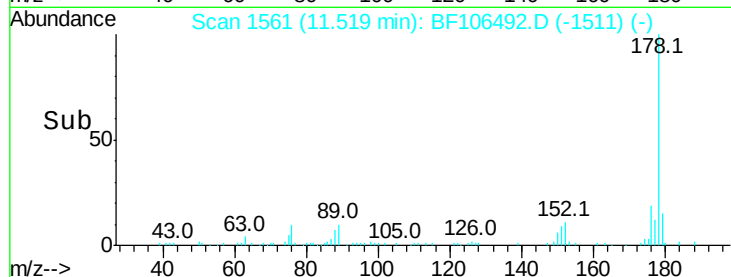
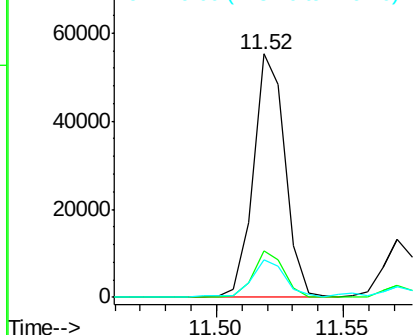
Tot Ion:	178	Resp:	47907
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.8	23.8
179	15.2	13.0	19.6

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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: 8.025 ng

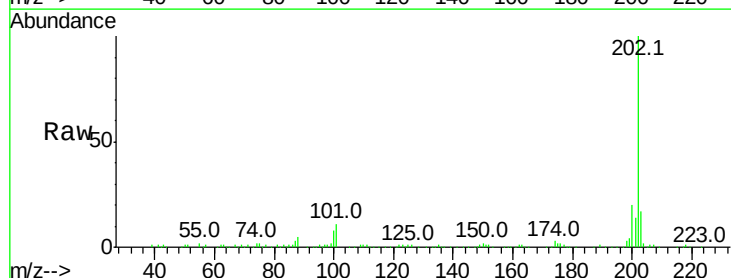
RT: 12.71 min Scan# 1764

Delta R.T. -0.01 min

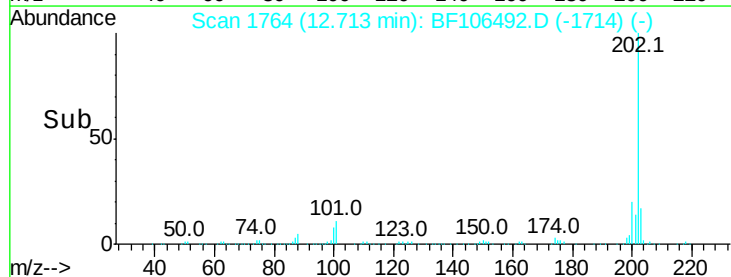
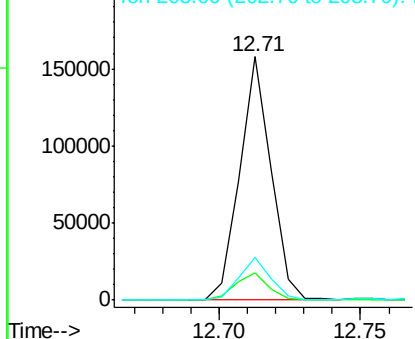
Lab File: BF106492.D

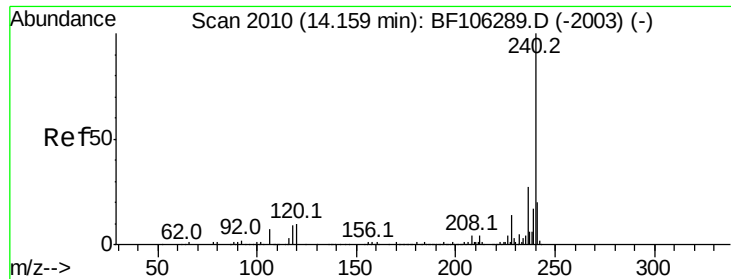
Acq: 15 Jun 2018 15:28

Tgt Ion:	202	Resp:	121542
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.1
203	17.4	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: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Instrument :

BNA_F

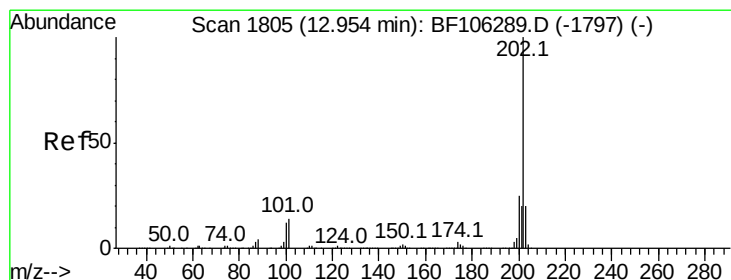
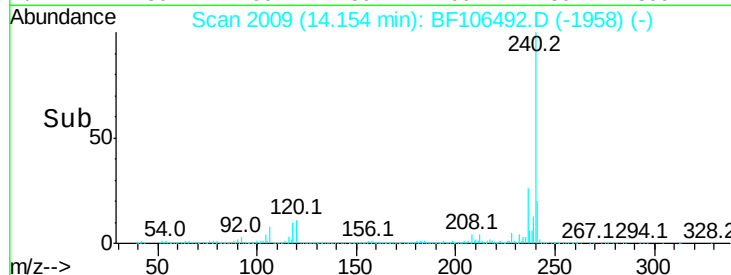
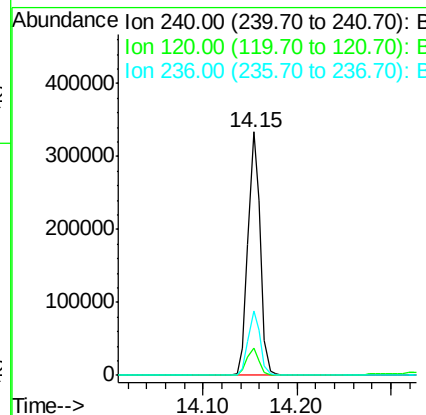
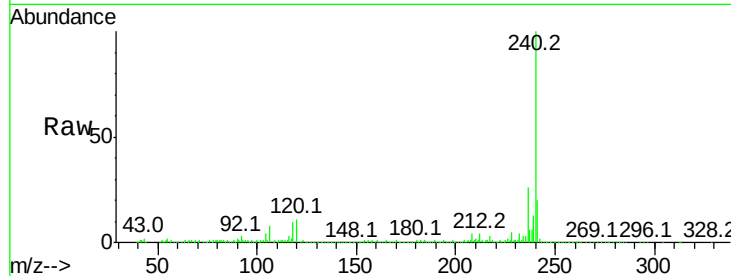
ClientSampled :

#2

Tot Ion:	240	Resp:	303105
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.5	14.3
236	26.5	20.7	31.1

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#77

Pyrene

Concen: 6.345 ng

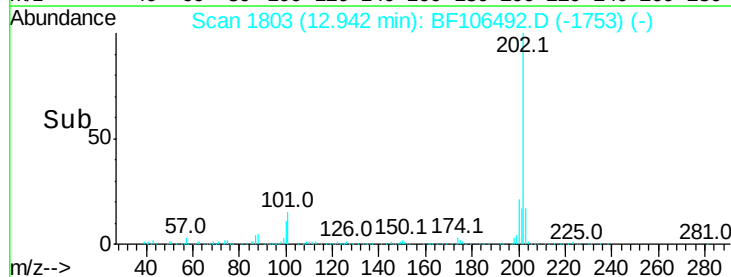
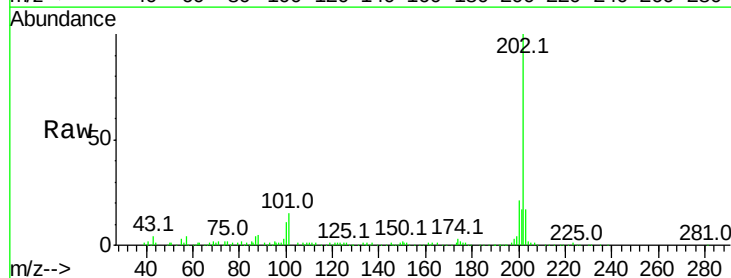
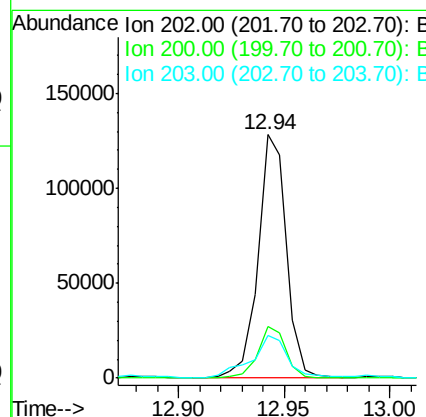
RT: 12.94 min Scan# 1803

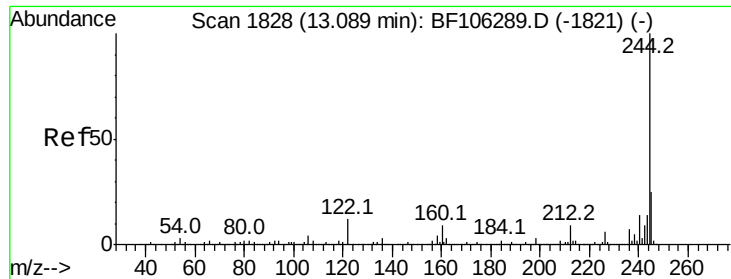
Delta R.T. -0.01 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Tgt Ion:	202	Resp:	120397
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.5	14.3	21.5





#78

Terphenyl-d14

Concen: 53.244 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Instrument :

BNA_F

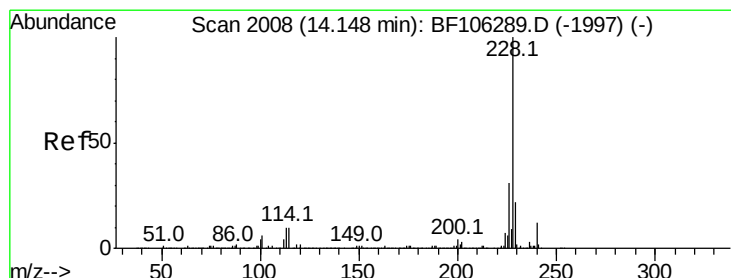
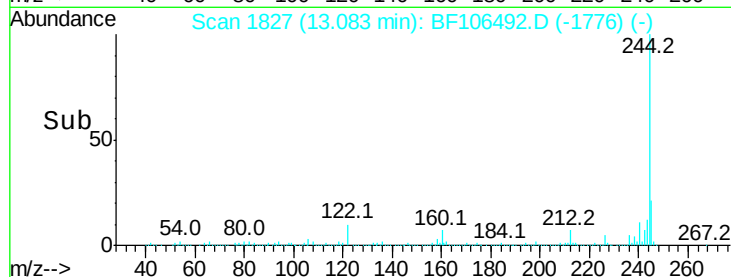
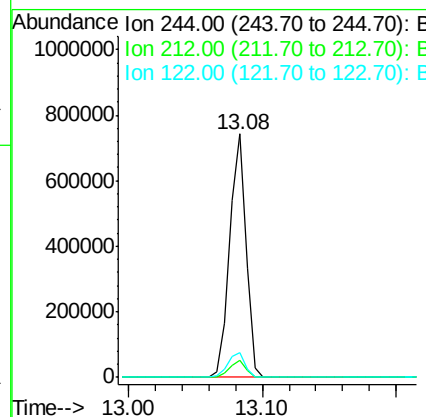
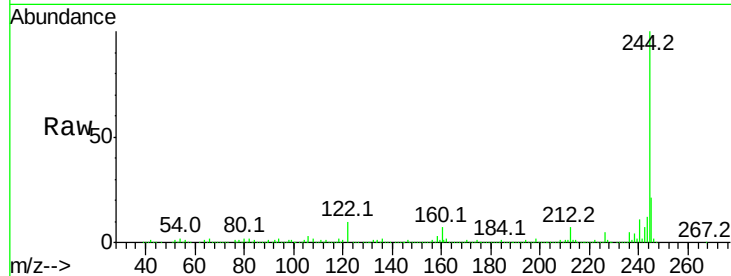
ClientSampled :

#2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.0	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.762 ng

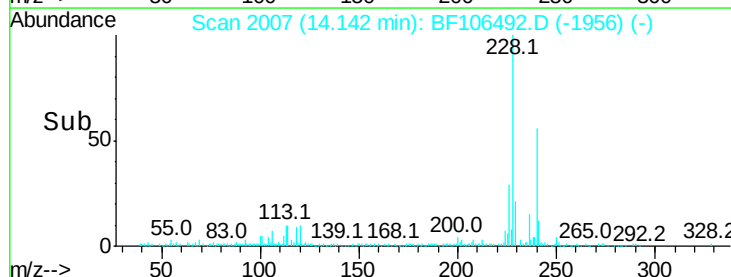
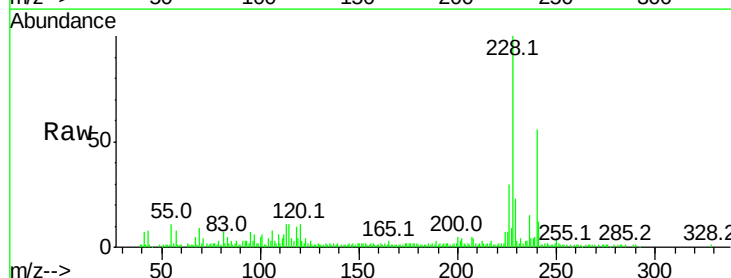
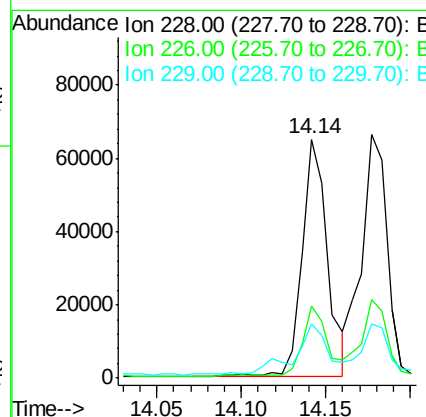
RT: 14.14 min Scan# 2007

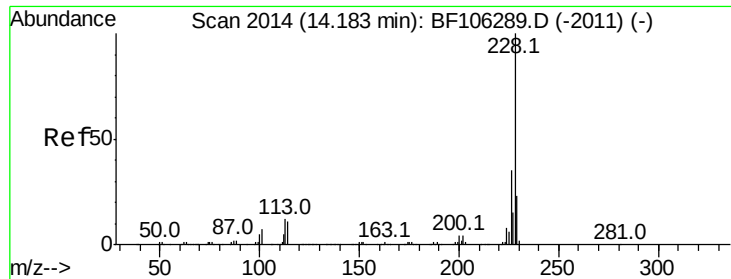
Delta R.T. 0.00 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	22.7	15.8	23.6





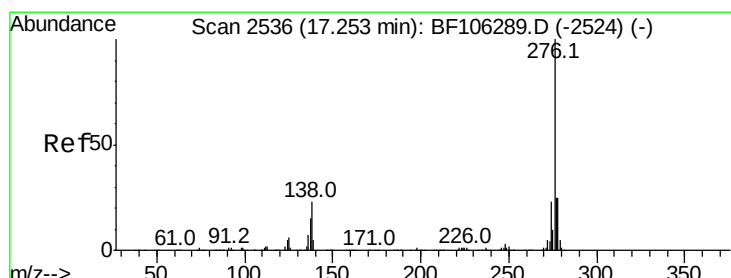
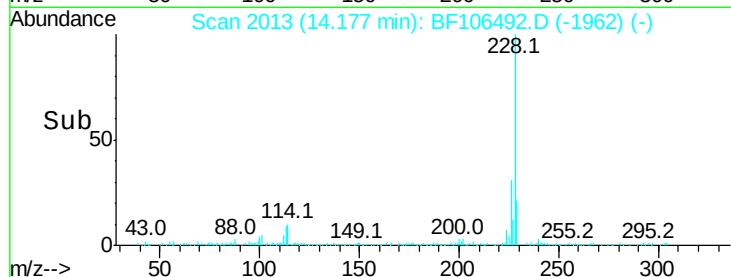
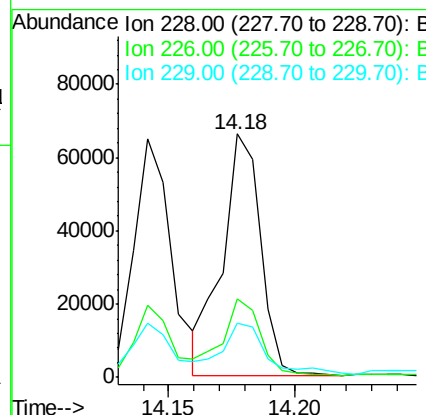
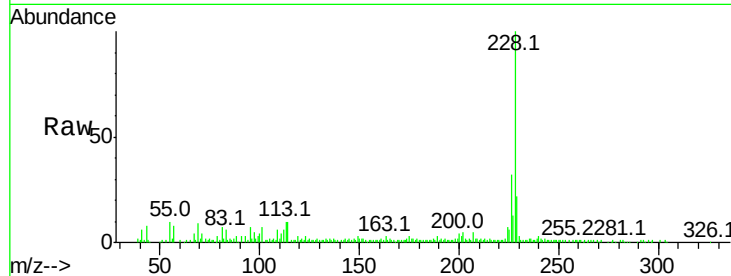
#82
Chrysene
Concen: 4.204 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampled :
#2

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	22.3	16.2	24.4

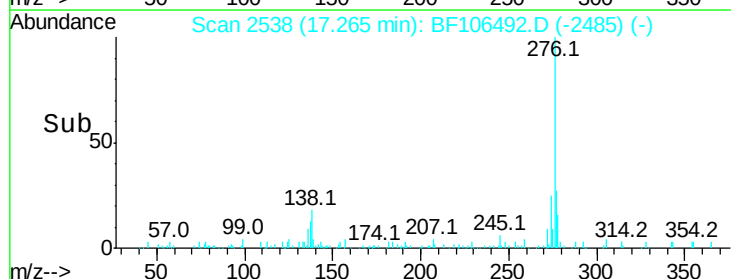
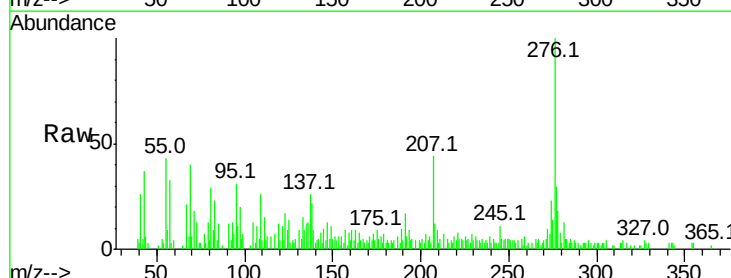
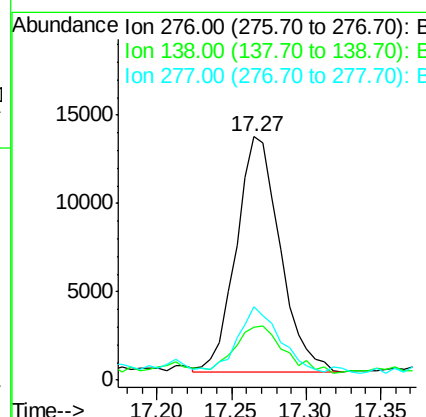
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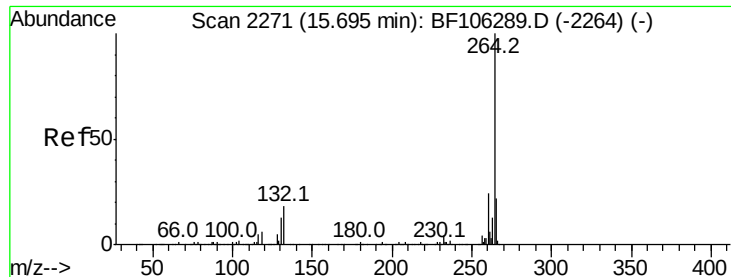
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.073 ng
RT: 17.27 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	26.7	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. 0.02 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Instrument :

BNA_F

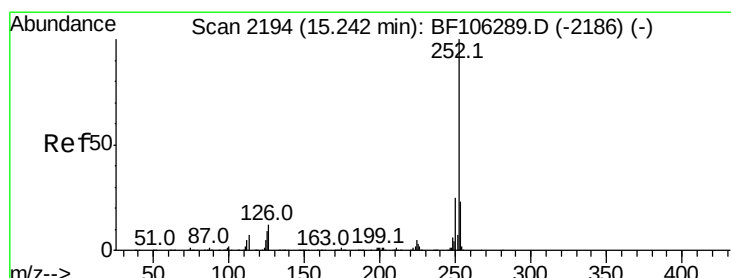
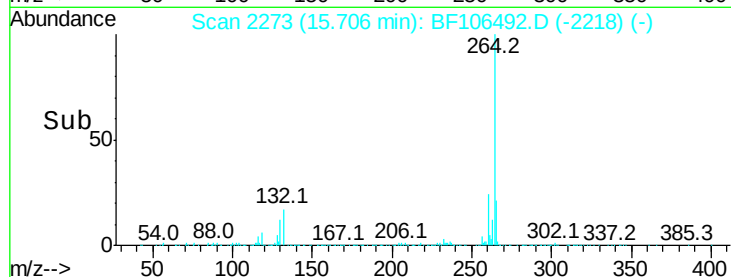
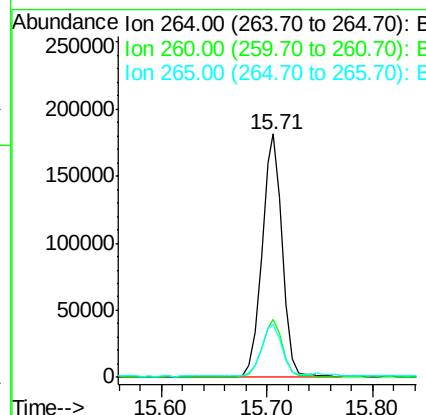
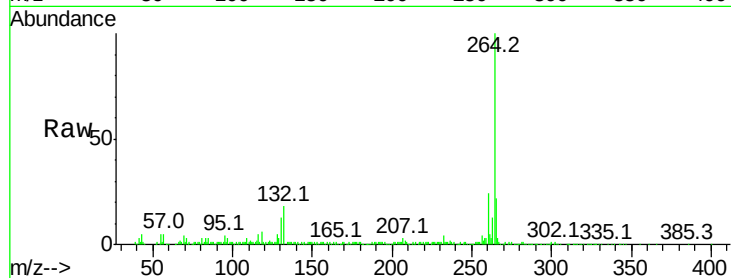
ClientSampled :

#2

Tot Ion:	264	Resp:	241878
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 5.337 ng m

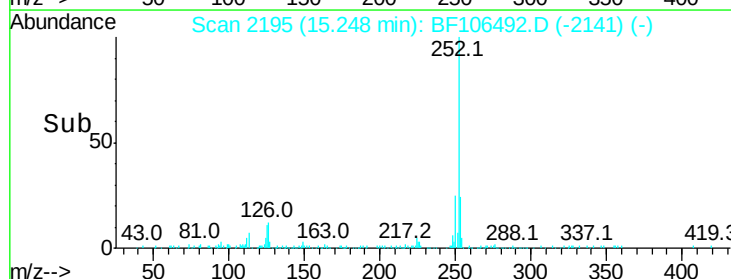
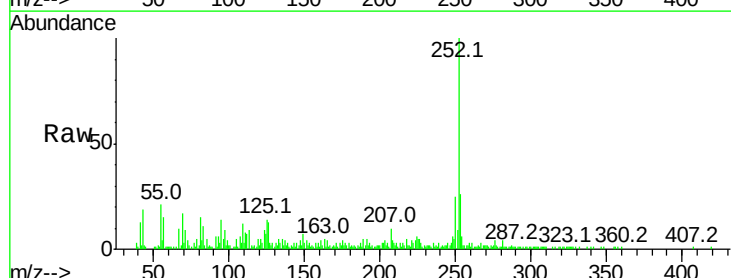
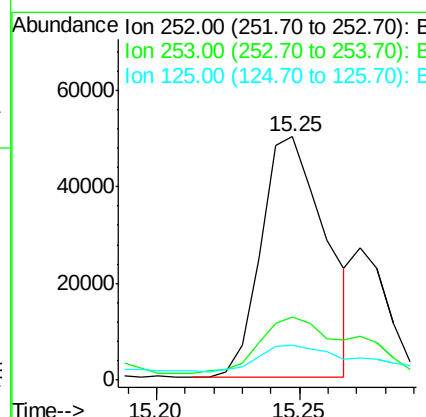
RT: 15.25 min Scan# 2195

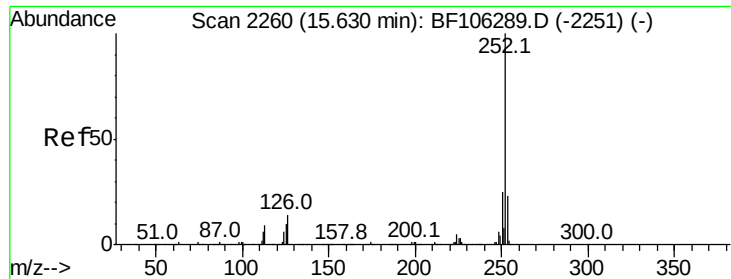
Delta R.T. 0.02 min

Lab File: BF106492.D

Acq: 15 Jun 2018 15:28

Tgt Ion:	252	Resp:	78036
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.0	25.6#
125	14.4	9.0	13.6#





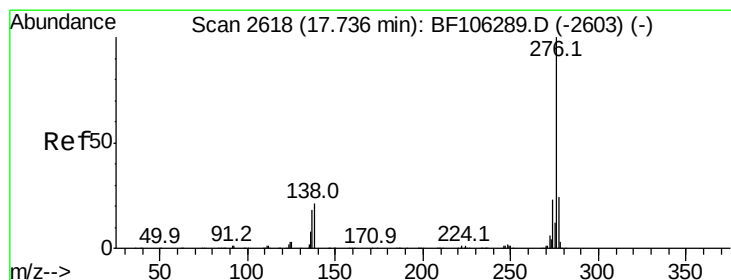
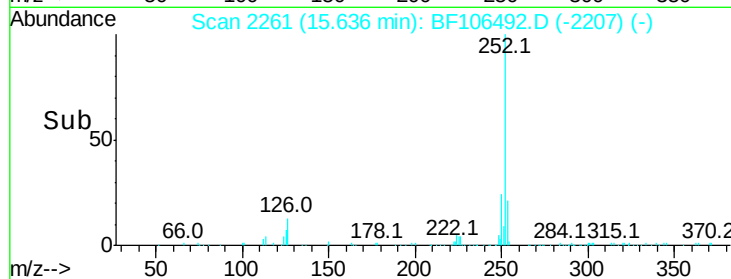
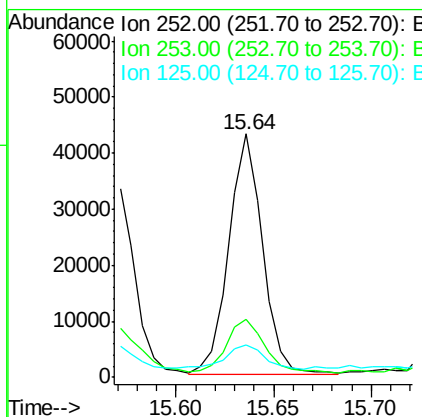
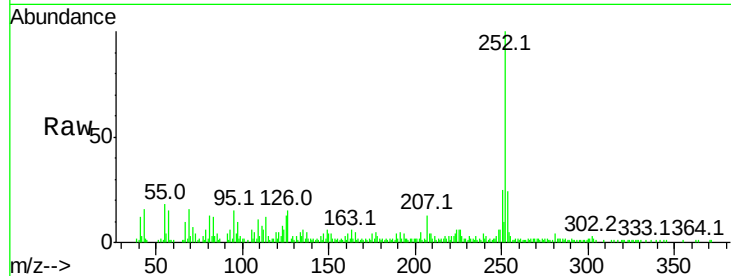
#89
Benzo(a)pyrene
Concen: 3.888 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Instrument :
BNA_F
ClientSampled :
#2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	13.1	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 2.787 ng
RT: 17.75 min Scan# 2620
Delta R.T. 0.02 min
Lab File: BF106492.D
Acq: 15 Jun 2018 15:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	22.5	21.8	32.8

