

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106460.D
 Acq On : 14 Jun 2018 23:18
 Operator : JU/SJ
 Sample : J3471-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 #2

Manual Integrations
 APPROVED

Sohil
 6/15/2018 11:16:55 AM

Quant Time: Jun 15 04:05:45 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	125973	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	451319	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	184991	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	326699	20.00	ng	0.00
75) Chrysene-d12	14.15	240	291548	20.00	ng	-0.01
86) Perylene-d12	15.68	264	205437	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	675275	90.73	ng	0.00
7) Phenol-d6	6.61	99	815950	86.77	ng	0.00
23) Nitrobenzene-d5	7.52	82	519213	67.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	175041	98.34	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	798020	73.23	ng	0.00
78) Terphenyl-d14	13.08	244	753943	64.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	86646	6.556	ng	99
70) Phenanthrene	11.52	178	55306	3.457	ng	97
74) Fluoranthene	12.71	202	138242	8.102	ng	98
77) Pyrene	12.94	202	136607	7.484	ng	99
80) Benzo(a)anthracene	14.14	228	67287	3.878	ng	98
82) Chrysene	14.17	228	64457	4.069	ng	97
87) Benzo(b)fluoranthene	15.22	252	66929m	5.389	ng	
89) Benzo(a)pyrene	15.61	252	42870	3.838	ng	# 90
91) Benzo(g,h,i)perylene	17.72	276	25688	2.838	ng	# 91

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

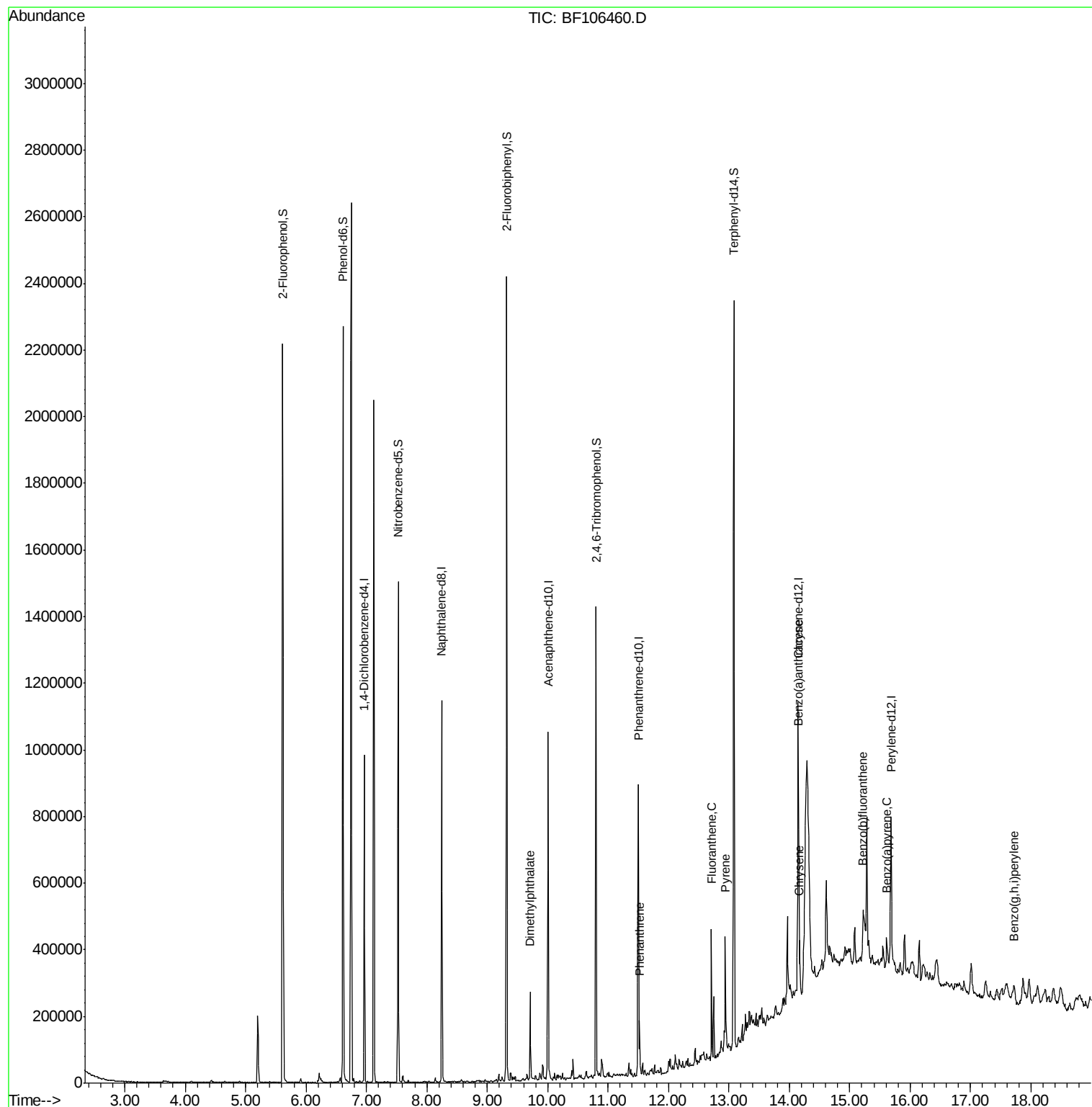
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106460.D
Acq On : 14 Jun 2018 23:18
Operator : JU/SJ
Sample : J3471-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

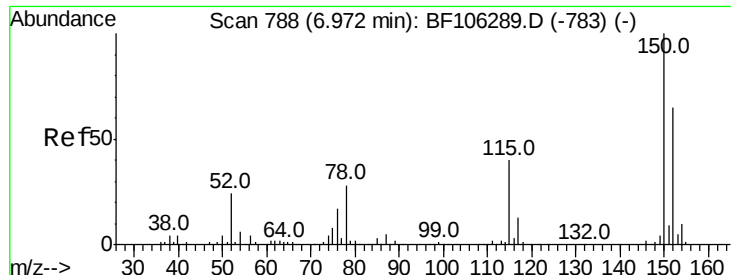
Instrument :
BNA_F
ClientSampled :
#2

Manual Integrations
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6/15/2018 11:16:55 AM

Quant Time: Jun 15 04:05:45 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





#1

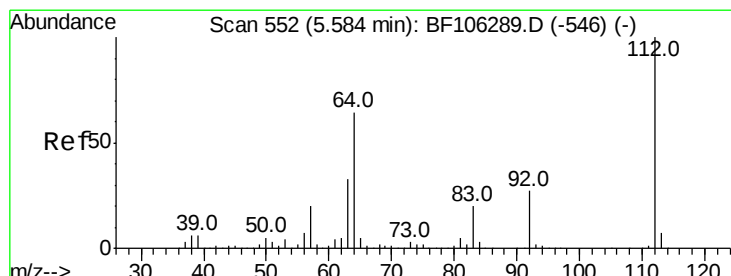
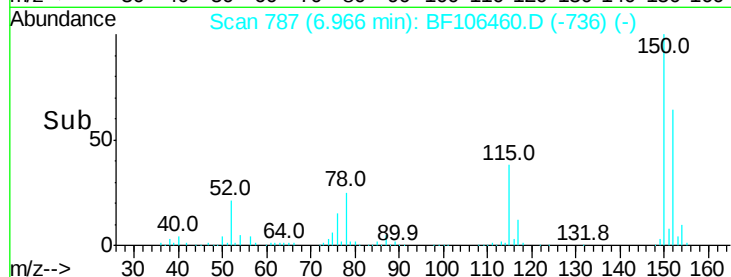
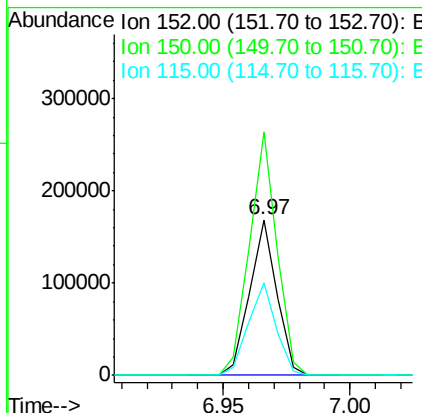
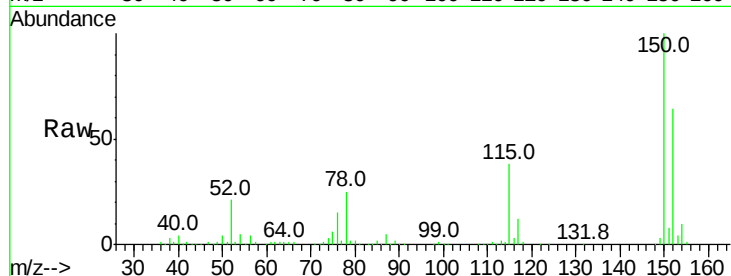
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF106460.D
Acq: 14 Jun 2018 23:18

Instrument :
BNA_F
ClientSampleId :
#2

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	59.2	50.1	75.1

Manual Integrations
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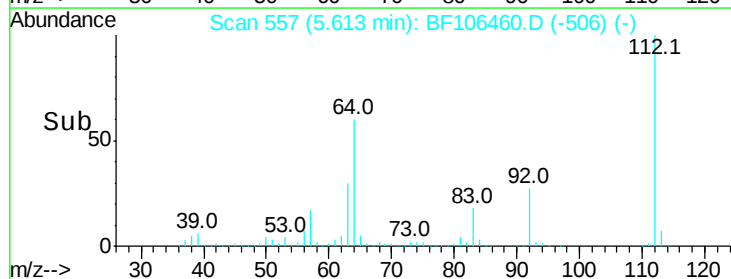
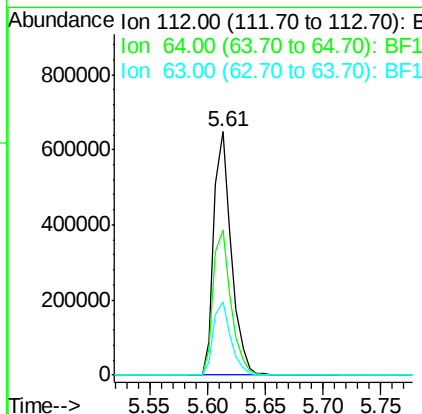
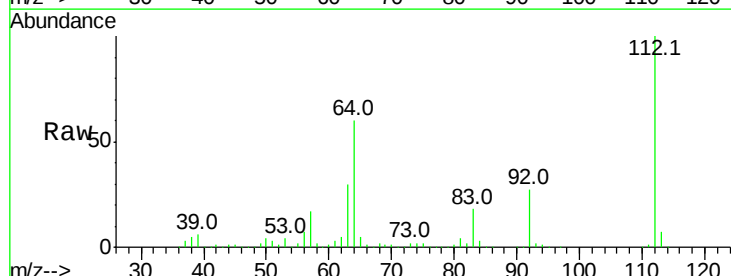
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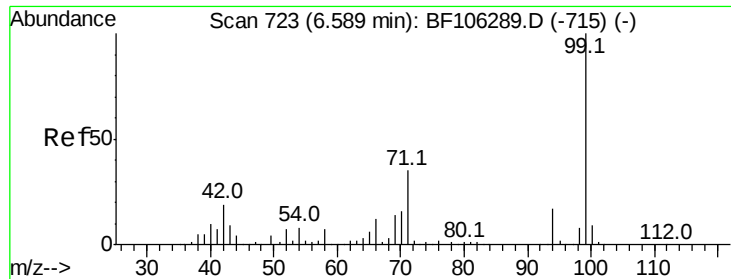


#5

2-Fluorophenol
Concen: 90.726 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF106460.D
Acq: 14 Jun 2018 23:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	29.9	23.7	35.5





#7

Phenol-d6

Concen: 86.770 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF106460.D

Acq: 14 Jun 2018 23:18

Instrument :

BNA_F

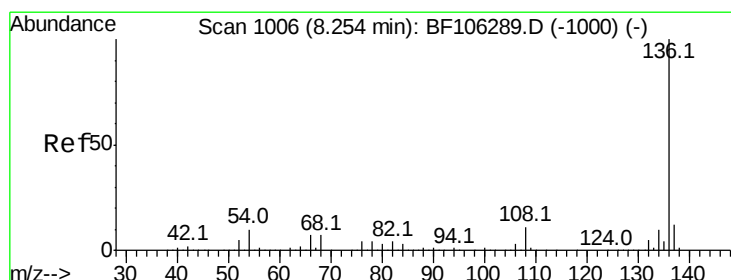
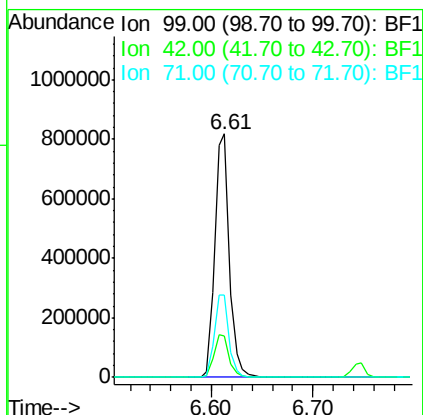
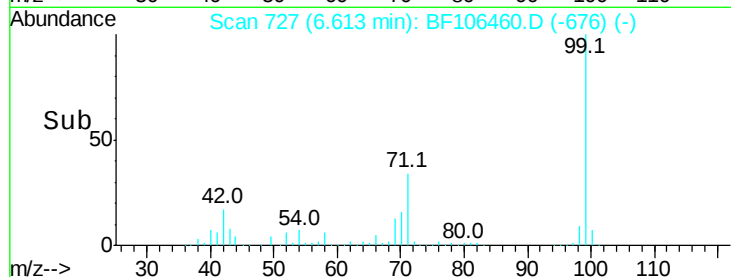
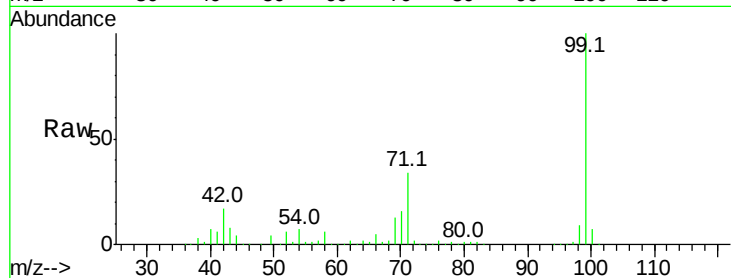
ClientSampled :

#2

Tot Ion:	99	Resp:	815950
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.5	21.7
71	34.0	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

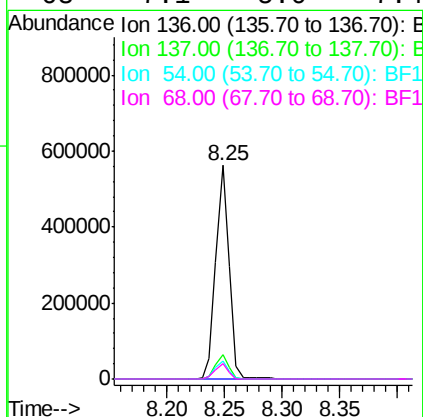
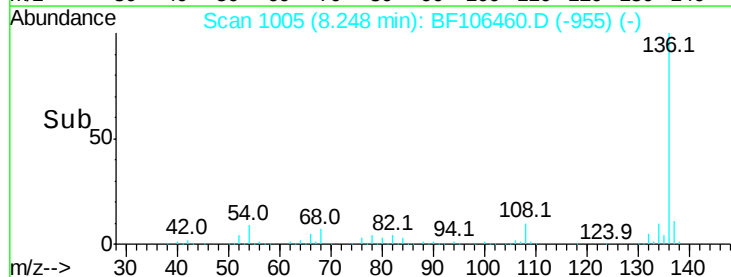
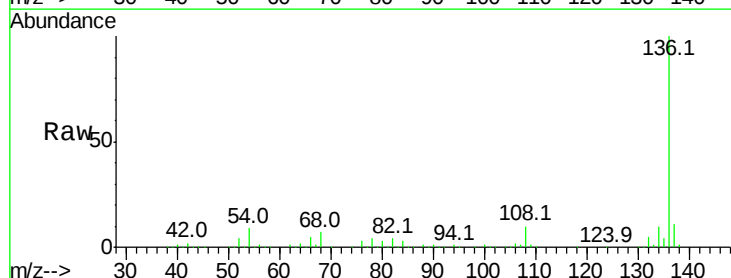
RT: 8.25 min Scan# 1005

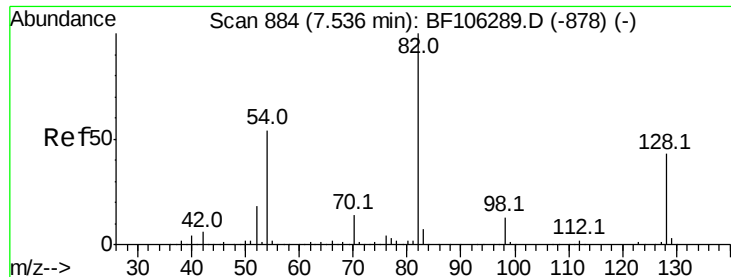
Delta R.T. -0.01 min

Lab File: BF106460.D

Acq: 14 Jun 2018 23:18

Tgt Ion:	136	Resp:	451319
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.6	6.6	9.8
68	7.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 67.678 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106460.D

Acq: 14 Jun 2018 23:18

Instrument :

BNA_F

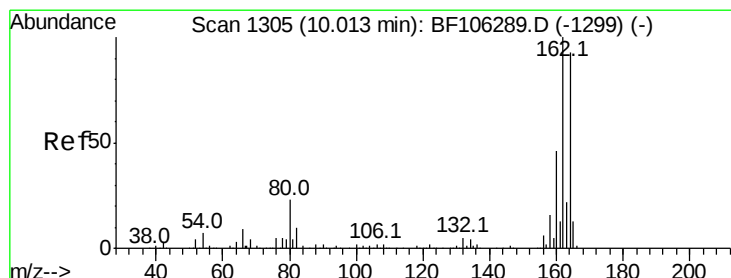
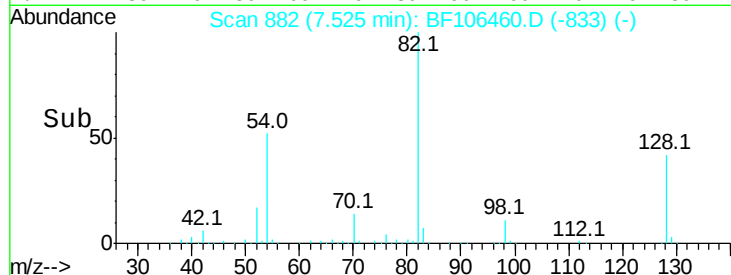
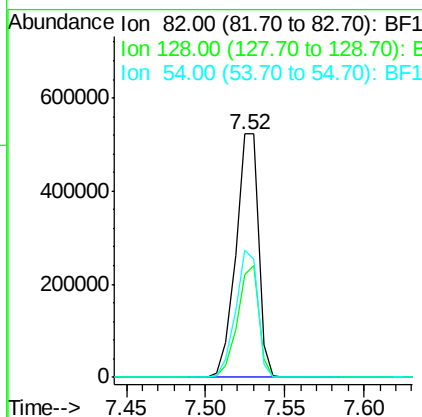
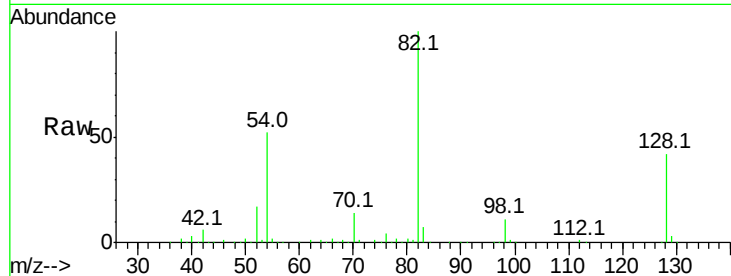
ClientSampled :

#2

Tot Ion:	82	Resp:	519213
Ion Ratio	Lower	Upper	
82	100		
128	42.3	36.1	54.1
54	52.3	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

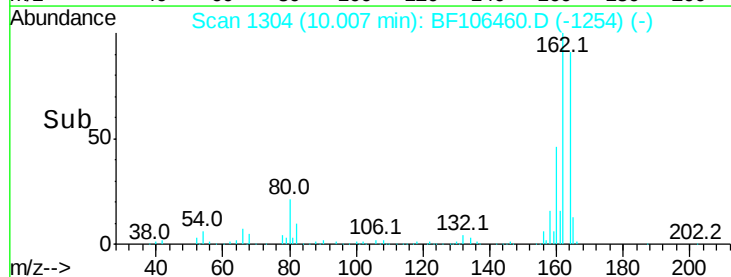
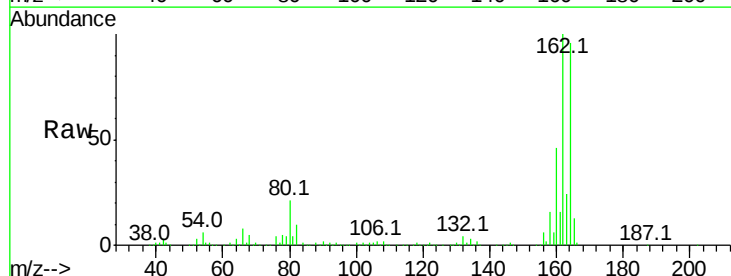
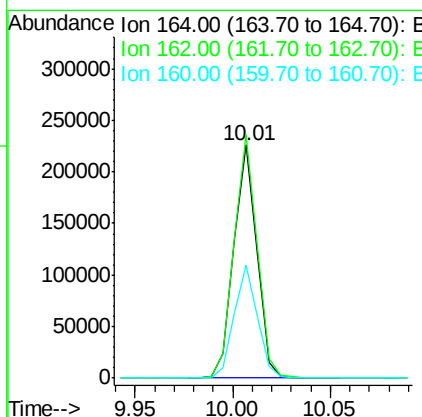
RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106460.D

Acq: 14 Jun 2018 23:18

Tgt Ion:	164	Resp:	184991
Ion Ratio	Lower	Upper	
164	100		
162	104.4	86.1	129.1
160	48.2	38.3	57.5





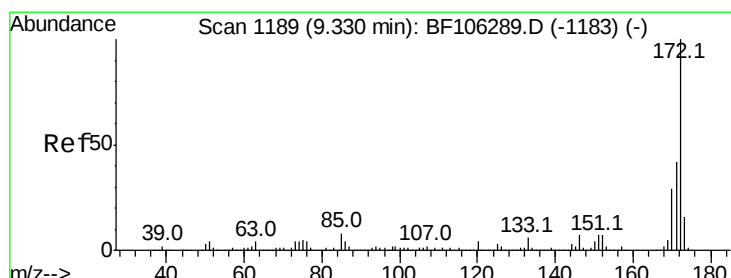
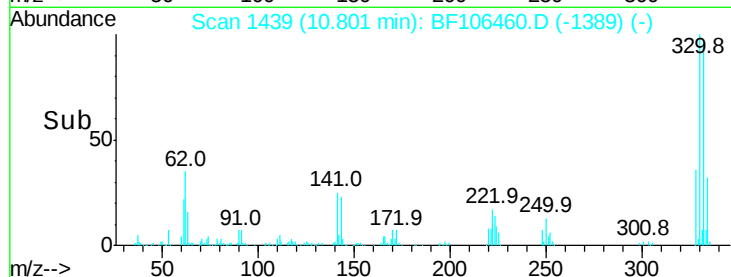
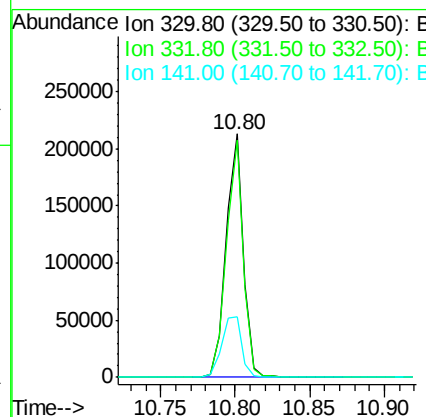
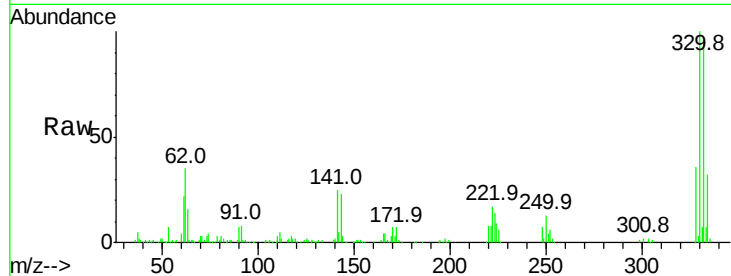
#41
 2,4,6-Tribromophenol
 Concen: 98.341 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106460.D
 Acq: 14 Jun 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :
 #2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175041		
332	95.9	77.0	115.6	
141	29.0	29.9	44.9#	

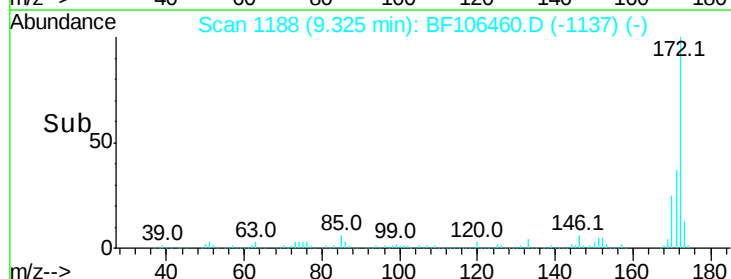
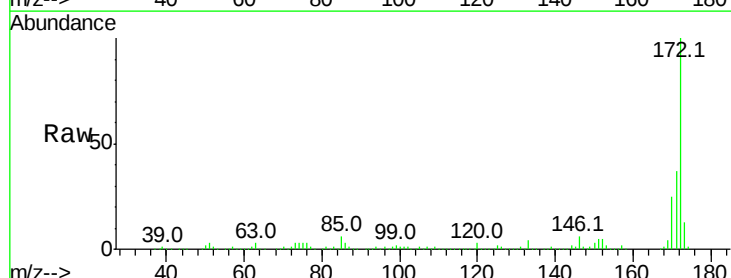
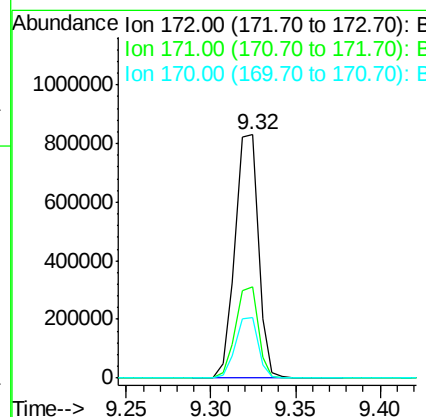
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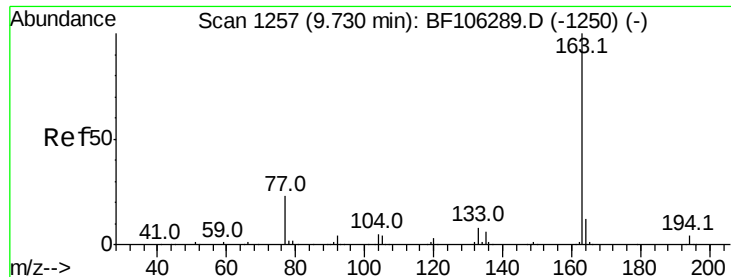
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#44
 2-Fluorobiphenyl
 Concen: 73.232 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF106460.D
 Acq: 14 Jun 2018 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	798020		
171	37.2	29.7	44.5	
170	24.9	19.6	29.4	





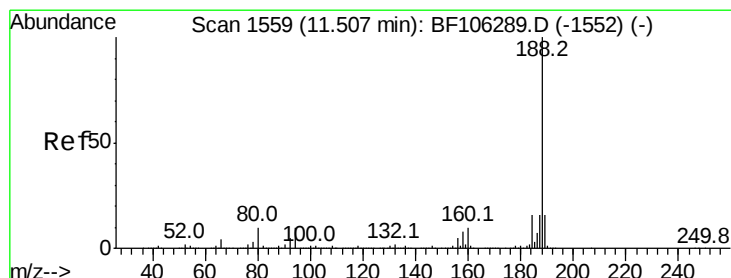
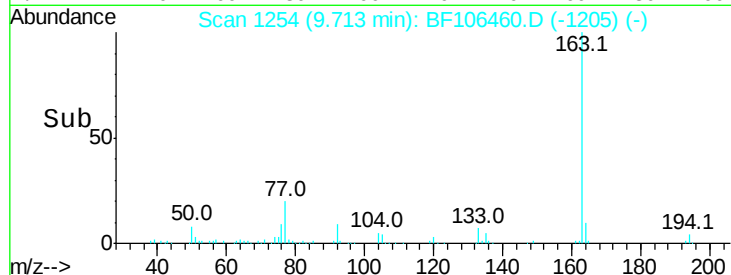
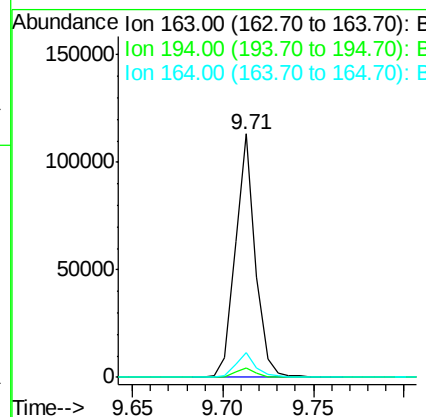
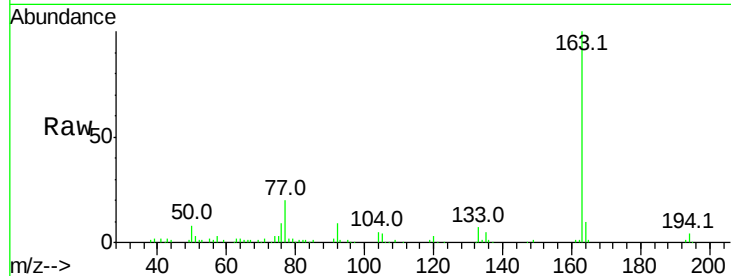
#49
Dimethylphthalate
Concen: 6.556 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106460.D
Acq: 14 Jun 2018 23:18

Instrument :
BNA_F
ClientSampled :
#2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	86646		
194	3.8		2.7	4.1
164	10.0		8.2	12.2

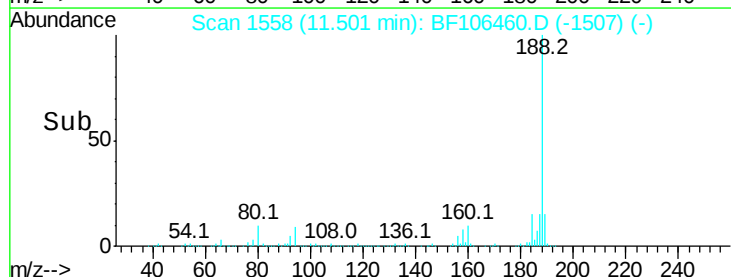
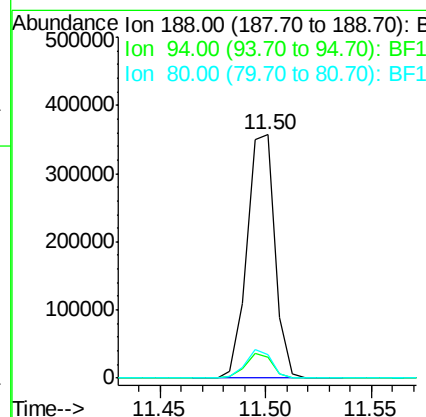
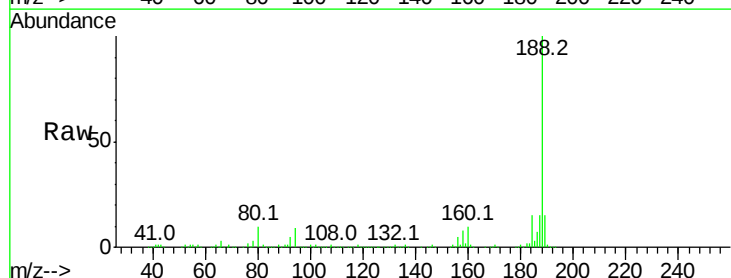
Manual Integrations
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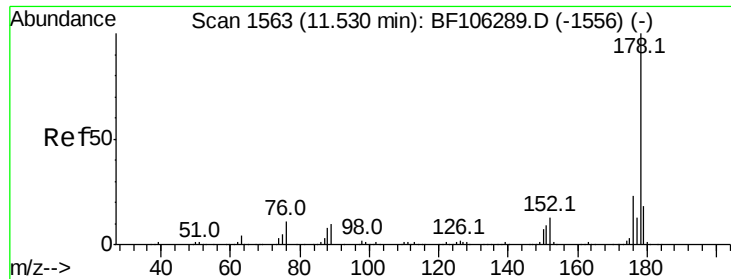
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106460.D
Acq: 14 Jun 2018 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	326699		
94	8.8		8.5	12.7
80	9.5		9.2	13.8





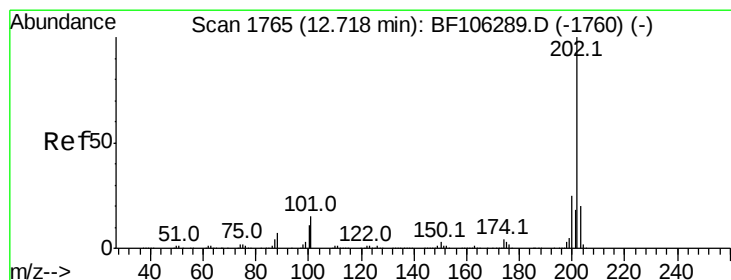
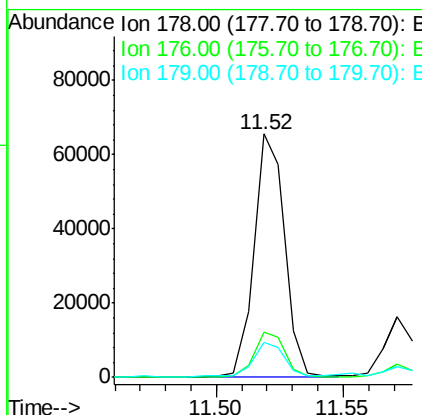
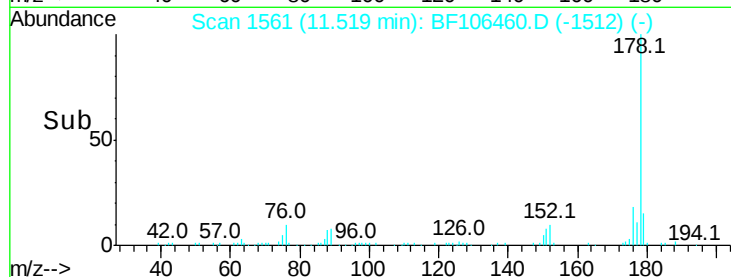
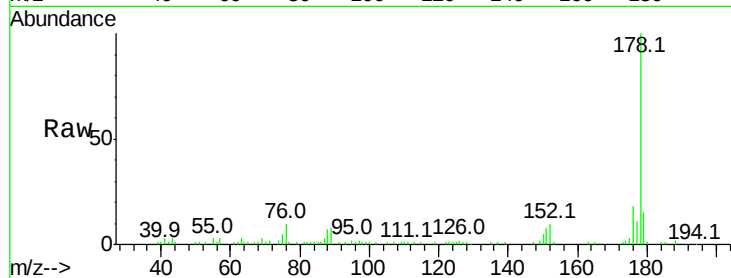
#70
Phenanthrene
Concen: 3.457 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF106460.D
Acq: 14 Jun 2018 23:18

Instrument :
BNA_F
ClientSampleId :
#2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.6	13.0	19.6

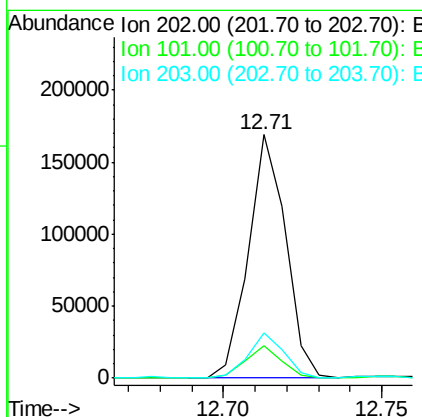
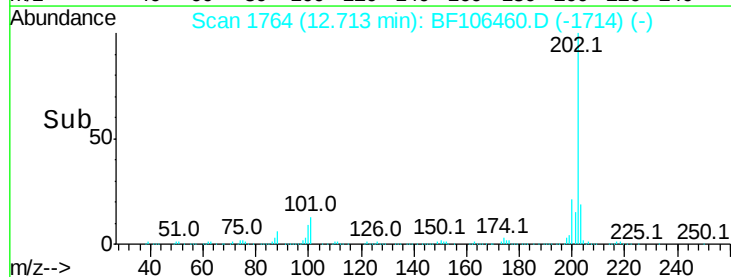
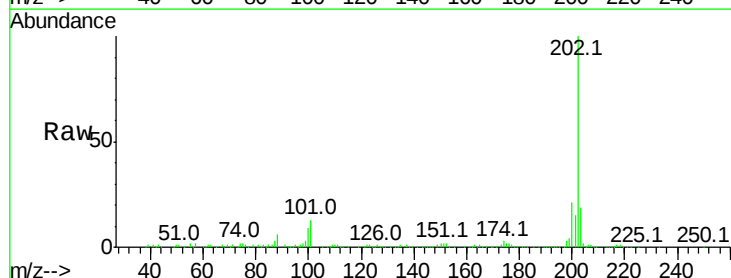
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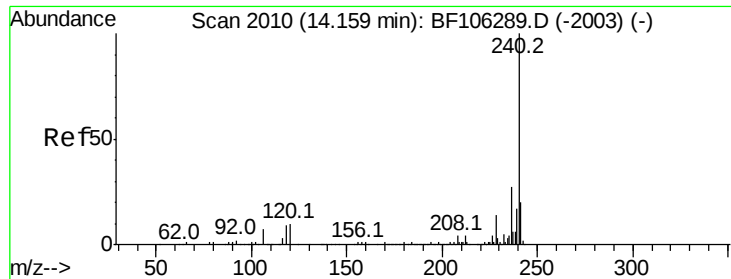
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#74
Fluoranthene
Concen: 8.102 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106460.D
Acq: 14 Jun 2018 23:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106460.D

Acq: 14 Jun 2018 23:18

Instrument :

BNA_F

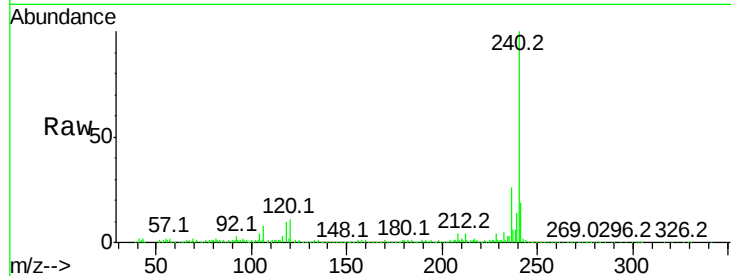
ClientSampled :

#2

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.1	9.5	14.3	
236	25.7	20.7	31.1	

Manual Integrations
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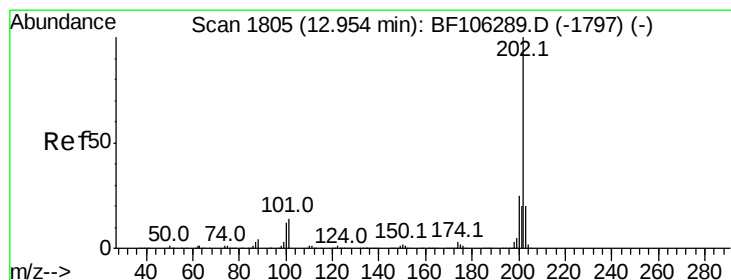
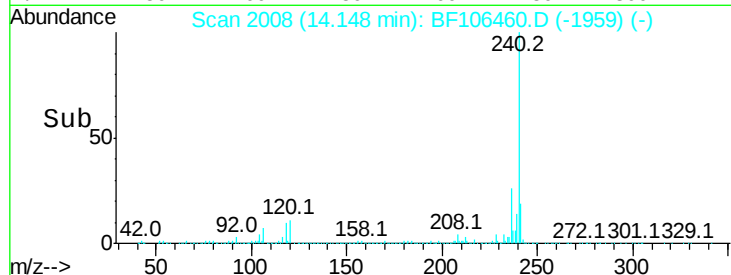
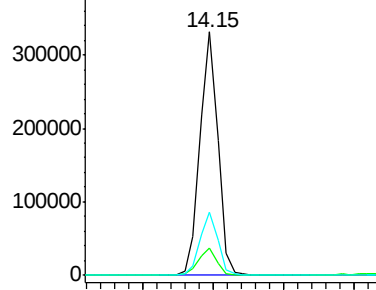
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.484 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106460.D

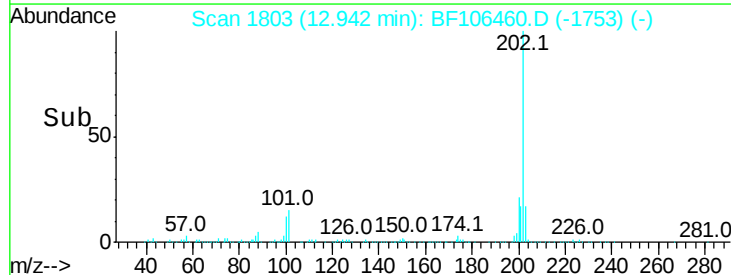
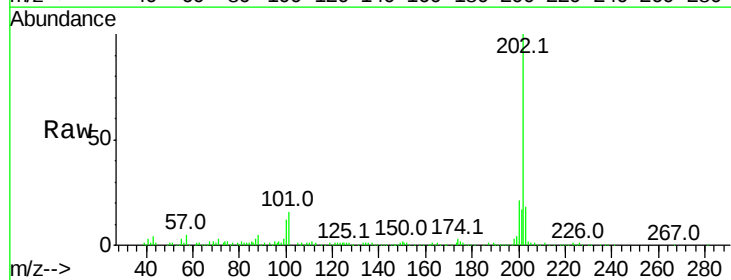
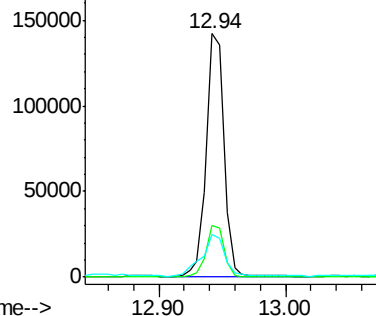
Acq: 14 Jun 2018 23:18

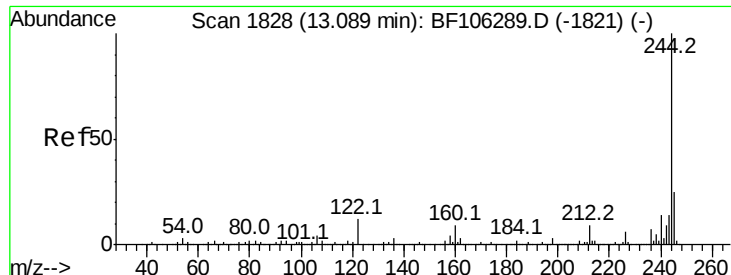
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.2	17.4	26.2	
203	17.7	14.3	21.5	

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





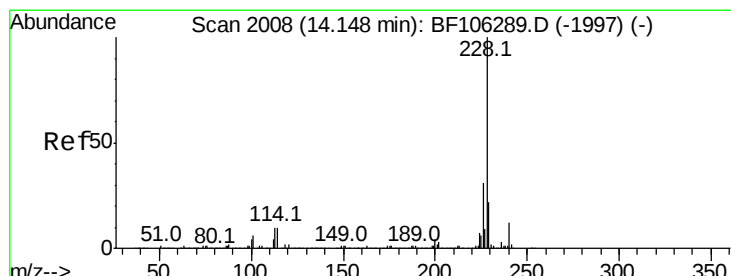
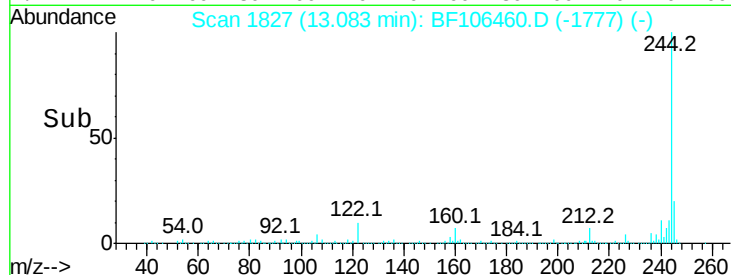
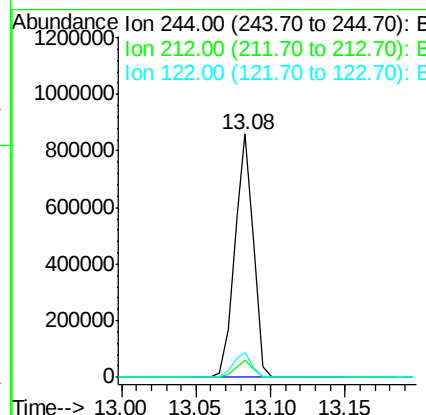
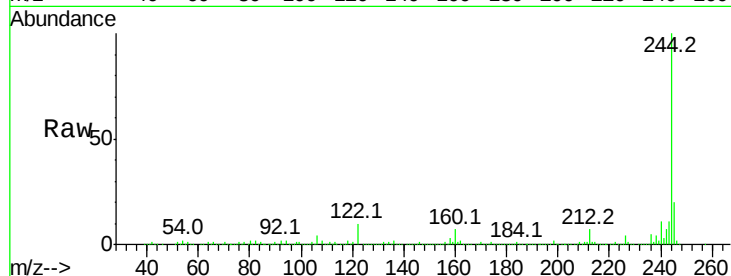
#78
 Terphenyl-d14
 Concen: 64.231 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106460.D
 Acq: 14 Jun 2018 23:18

Instrument :
 BNA_F
 ClientSampled :
 #2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.2	11.0	16.4

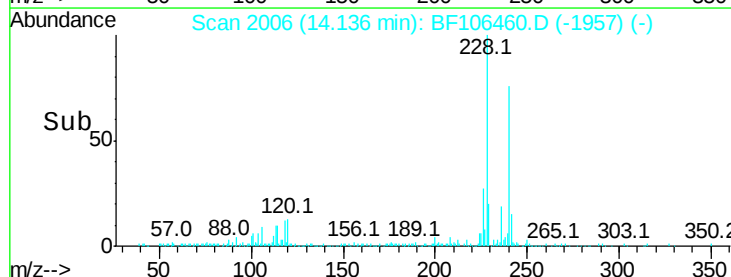
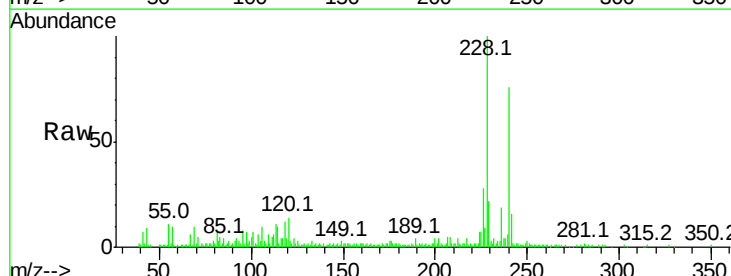
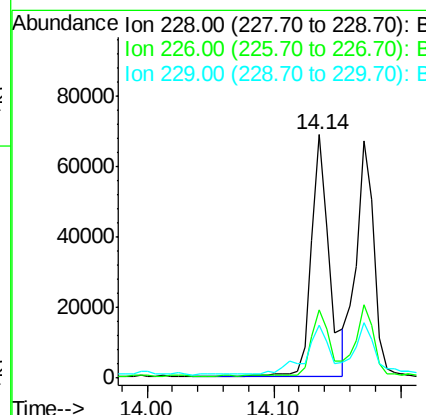
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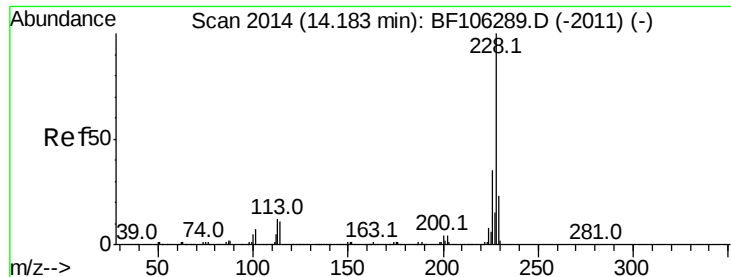
Sohil
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#80
 Benzo(a)anthracene
 Concen: 3.878 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106460.D
 Acq: 14 Jun 2018 23:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.6	15.8	23.6





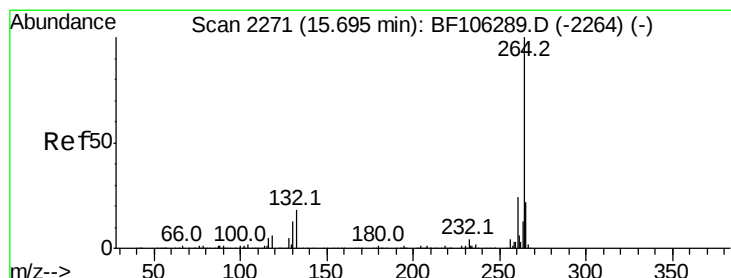
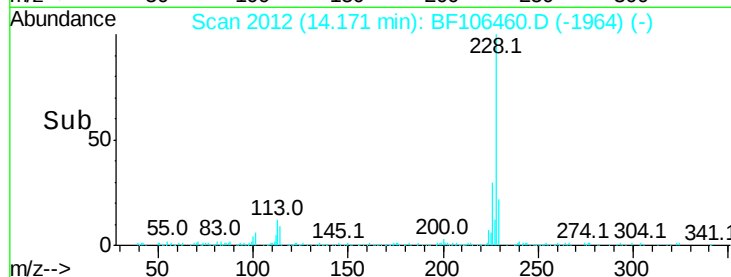
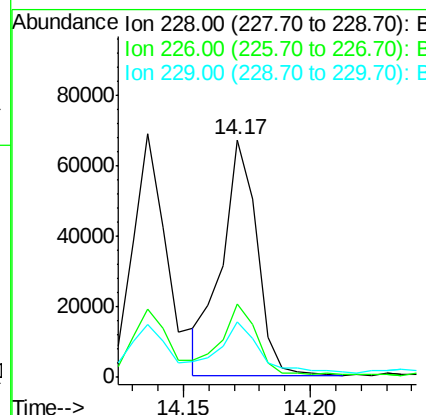
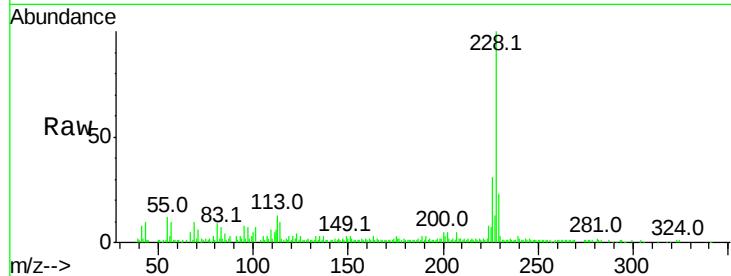
#82
 Chrysene
 Concen: 4.069 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF106460.D
 Acq: 14 Jun 2018 23:18

Instrument :
 BNA_F
 ClientSampled :
 #2

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.2	16.2	24.4

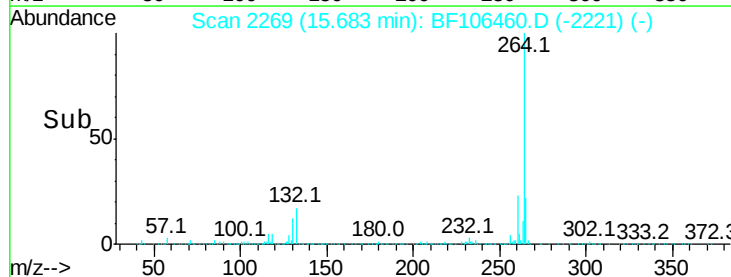
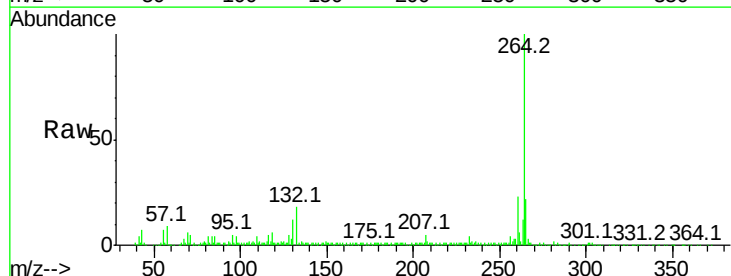
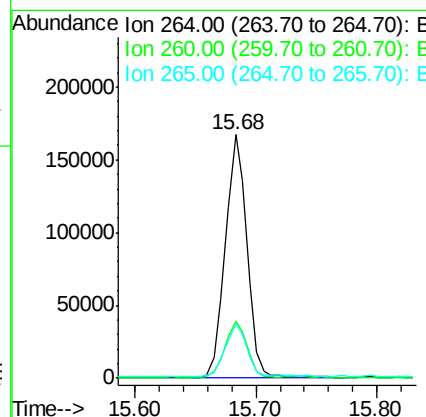
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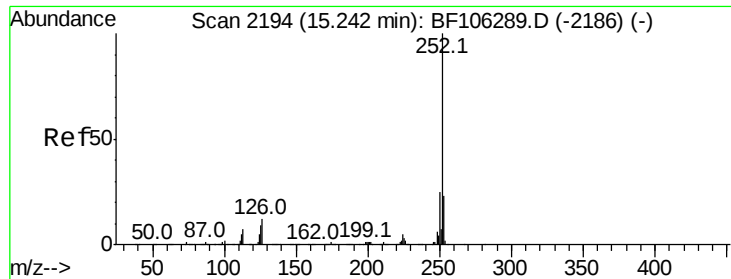
Sohil
 6/15/2018 11:16:55 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF106460.D
 Acq: 14 Jun 2018 23:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.3	17.5	26.3





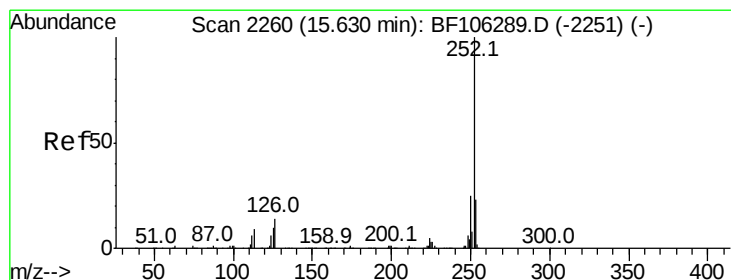
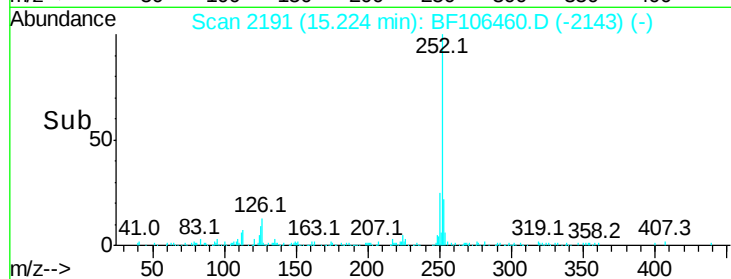
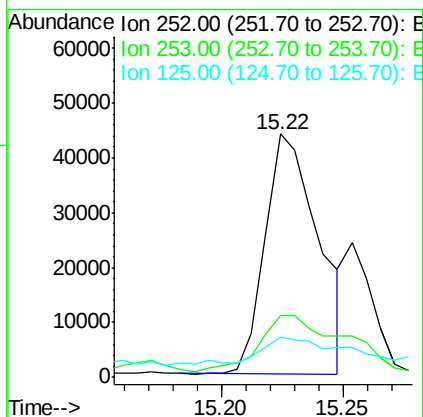
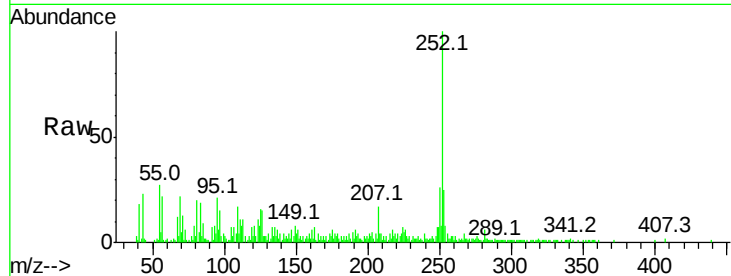
#87
Benzo(b)fluoranthene
Concen: 5.389 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF106460.D
Acq: 14 Jun 2018 23:18

Instrument :
BNA_F
ClientSampled :
#2

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	16.3	9.0	13.6

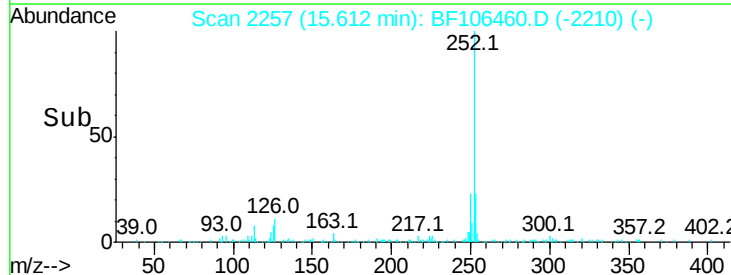
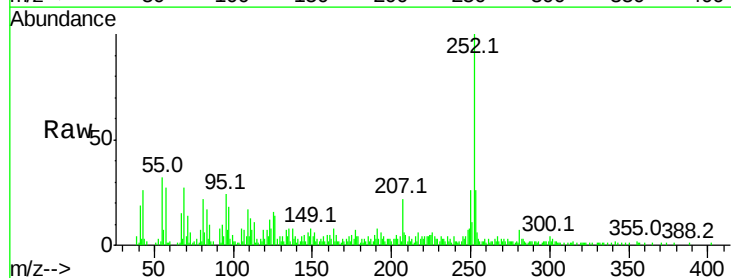
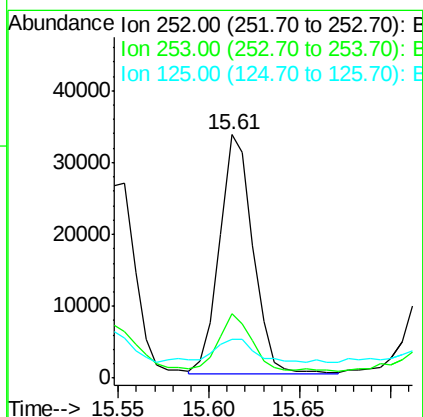
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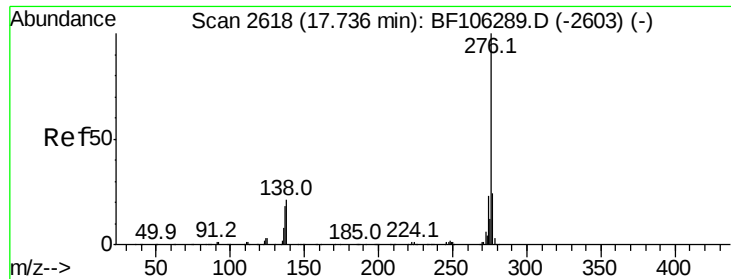
Sohil
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#89
Benzo(a)pyrene
Concen: 3.838 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF106460.D
Acq: 14 Jun 2018 23:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7
125	16.0	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.838 ng
 RT: 17.72 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF106460.D
 Acq: 14 Jun 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :
 #2

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.3	17.9	26.9#
138	26.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
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