

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106393.D
 Acq On : 13 Jun 2018 16:11
 Operator : JU/SJ
 Sample : J3458-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-105-5(0-5)

Manual Integrations
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Sohil
 6/14/2018 2:47:40 PM

Quant Time: Jun 14 03:12:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 10:51:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	139299	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	527886	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	256970	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	508357	20.00	ng	0.00
75) Chrysene-d12	14.15	240	375554	20.00	ng	-0.01
86) Perylene-d12	15.68	264	384781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	845172	102.69	ng	-0.02
7) Phenol-d6	6.61	99	1065187	102.44	ng	-0.02
23) Nitrobenzene-d5	7.52	82	672646	74.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	308615	124.82	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	998727	63.34	ng	0.00
78) Terphenyl-d14	13.08	244	1138906	75.32	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	205824	11.211	ng	# 90
57) Fluorene	10.55	166	41388	2.464	ng	# 92
70) Phenanthrene	11.52	178	106333	4.271	ng	96
74) Fluoranthene	12.72	202	267956	10.092	ng	96
77) Pyrene	12.94	202	252035	10.719	ng	99
80) Benzo(a)anthracene	14.14	228	147641	6.606	ng	98
82) Chrysene	14.17	228	118998	5.832	ng	97
85) Indeno(1,2,3-cd)pyrene	17.24	276	63141	3.877	ng	92
87) Benzo(b)fluoranthene	15.22	252	151109m	6.497	ng	
89) Benzo(a)pyrene	15.62	252	112116	5.359	ng	96
91) Benzo(g,h,i)perylene	17.71	276	58672	3.461	ng	# 93

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

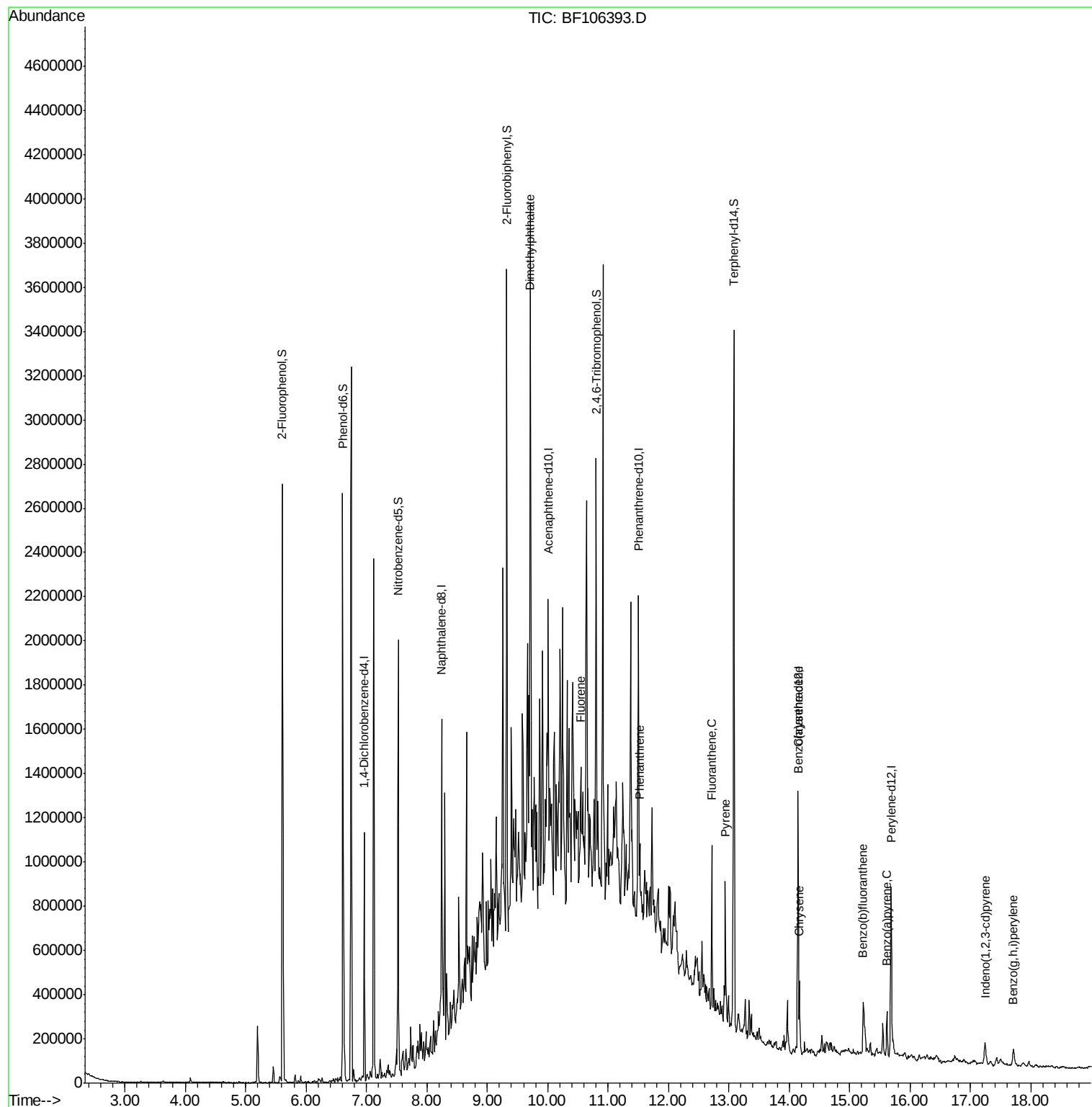
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106393.D
Acq On : 13 Jun 2018 16:11
Operator : JU/SJ
Sample : J3458-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

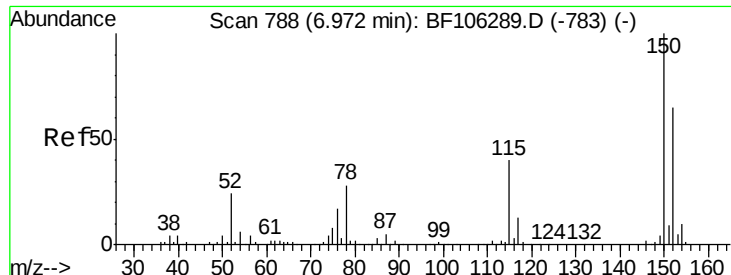
Instrument :
BNA_F
ClientSampleId :
EPE-105-5(0-5)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
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#1

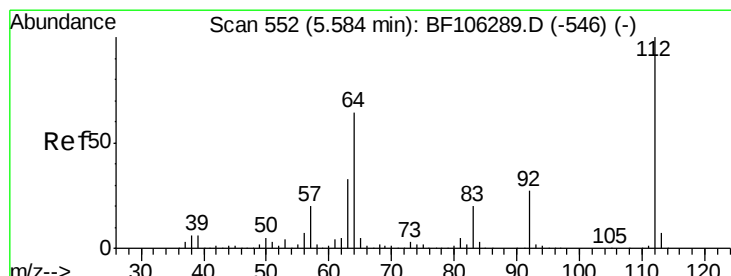
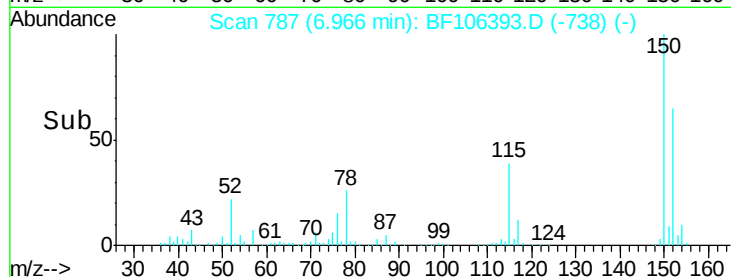
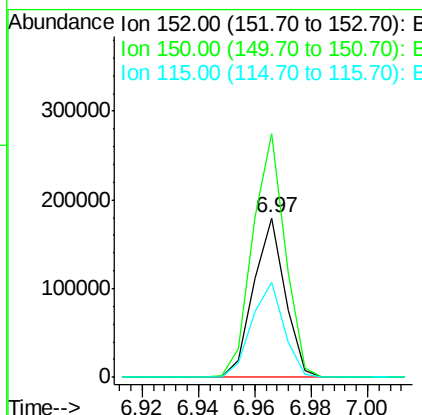
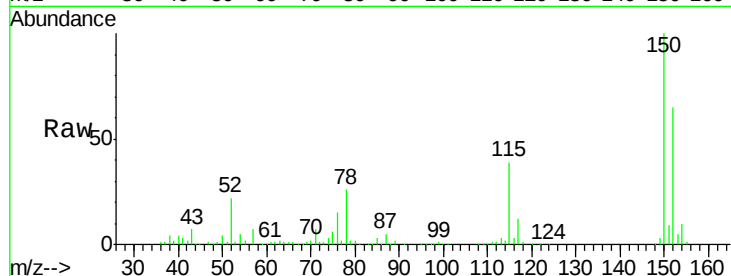
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-105-5(0-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.6	186.8
115	59.5	50.1	75.1

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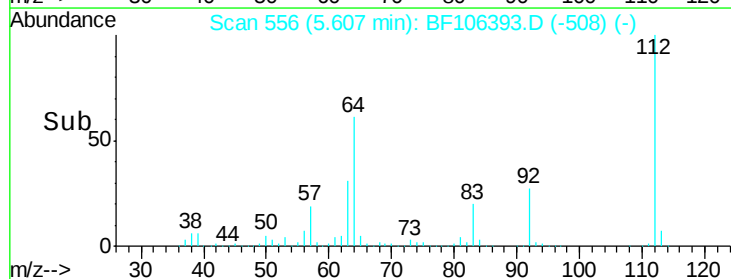
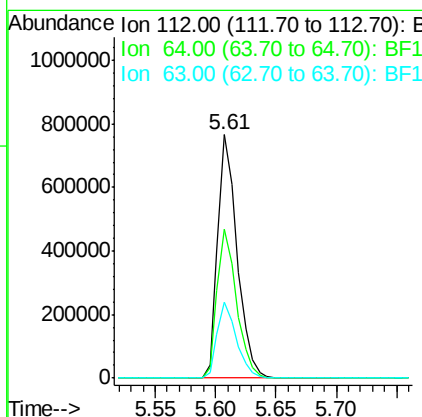
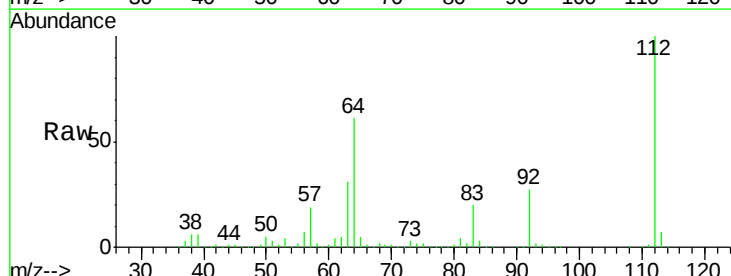
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#5

2-Fluorophenol
Concen: 102.689 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.9	71.9
63	31.1	23.7	35.5





#7

Phenol-d6

Concen: 102.438 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF106393.D

Acq: 13 Jun 2018 16:11

Instrument :

BNA_F

ClientSampleId :

EPE-105-5(0-5)

Tot Ion: 99 Resp: 1065187

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

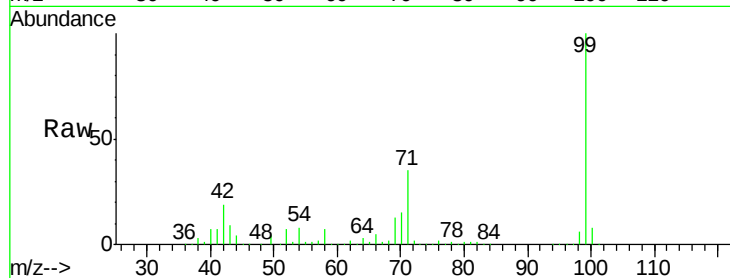
71 35.4 25.4 38.0

Manual Integrations

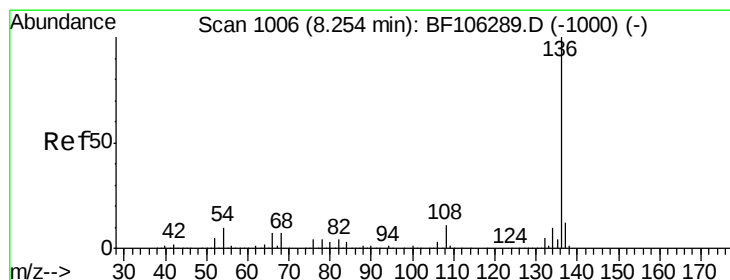
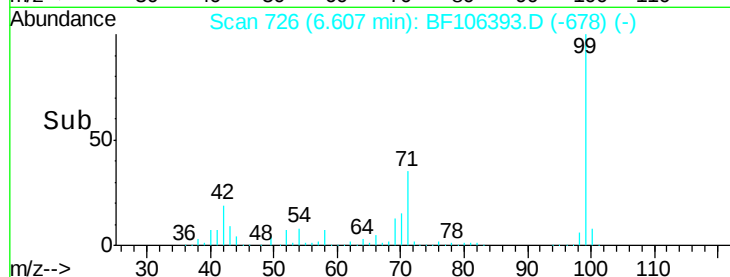
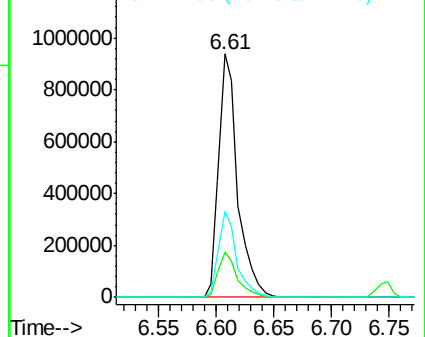
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF106393.D

Acq: 13 Jun 2018 16:11

Tgt Ion: 136 Resp: 527886

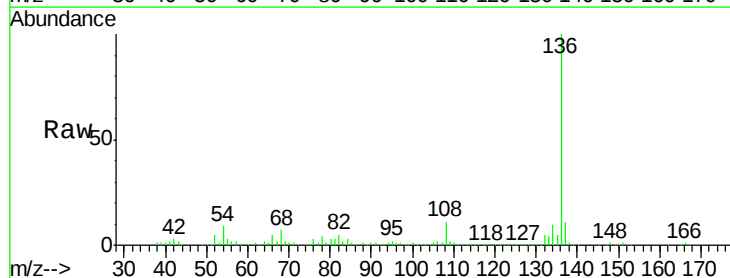
Ion Ratio Lower Upper

136 100

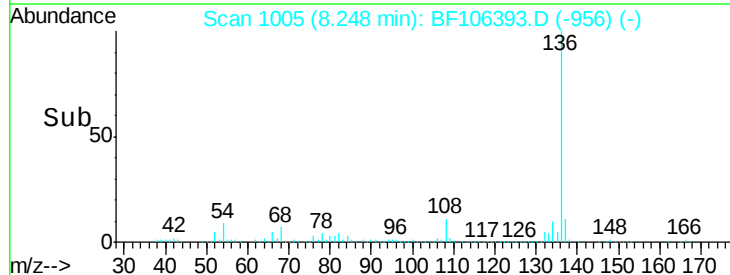
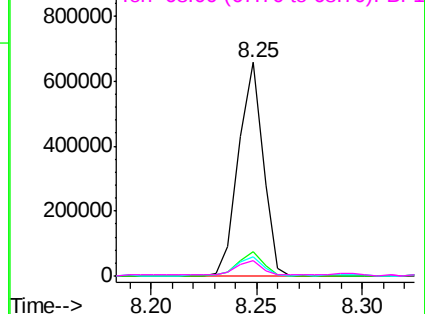
137 11.4 8.9 13.3

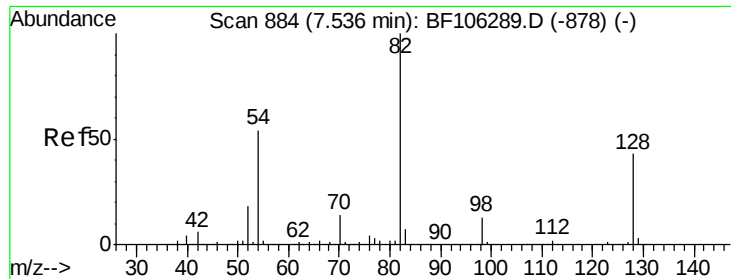
54 8.8 6.6 9.8

68 7.1 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





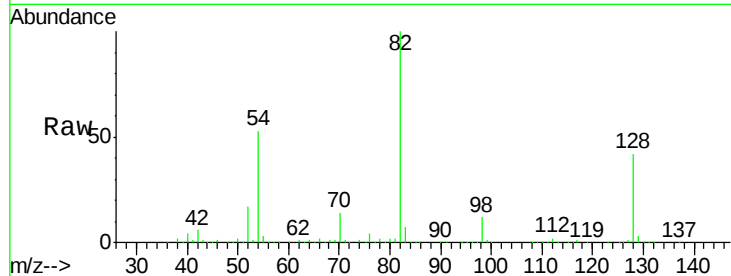
#23
Nitrobenzene-d5
Concen: 74.961 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-105-5(0-5)

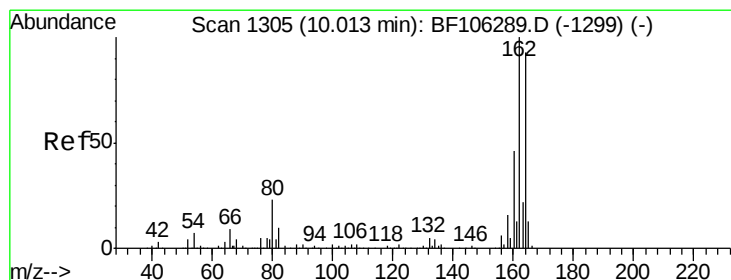
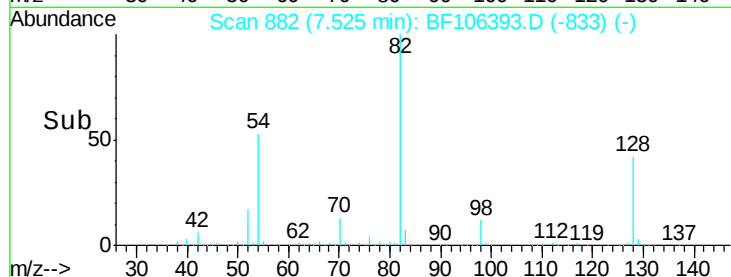
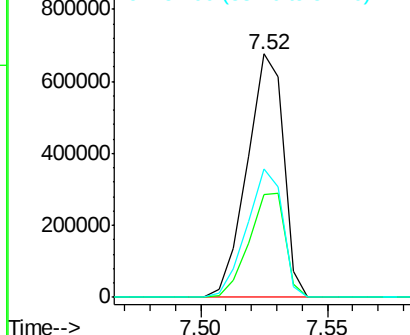
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	52.5	41.4	62.2

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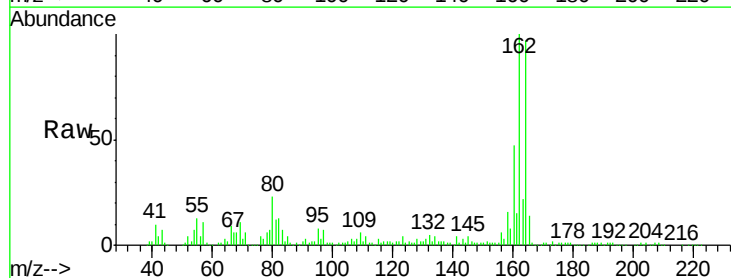


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

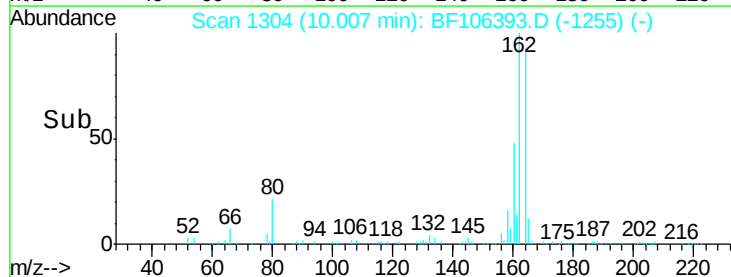
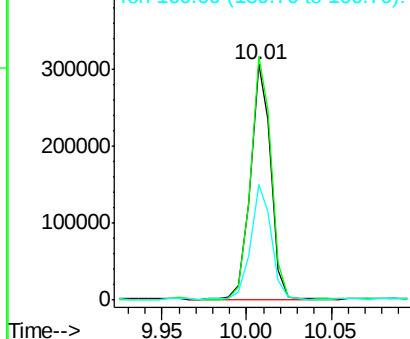


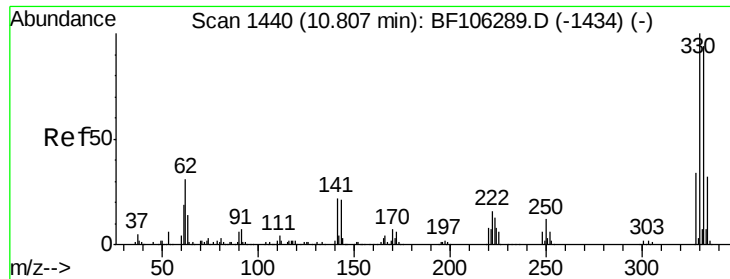
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	48.9	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





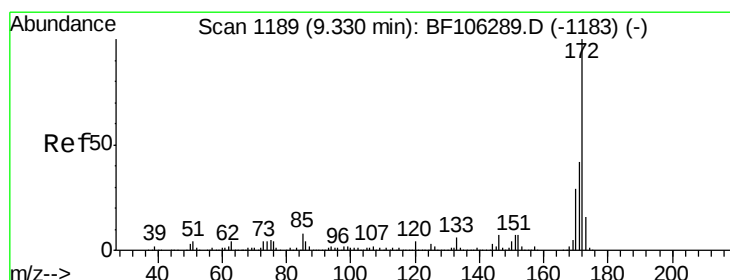
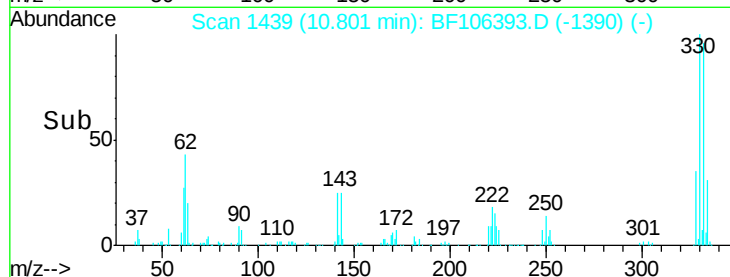
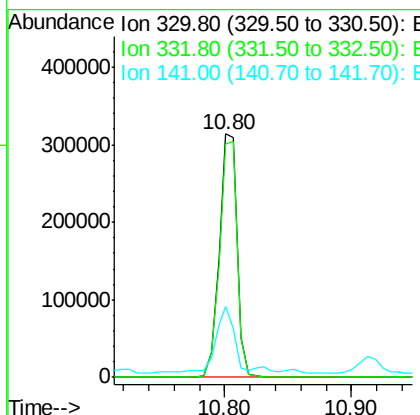
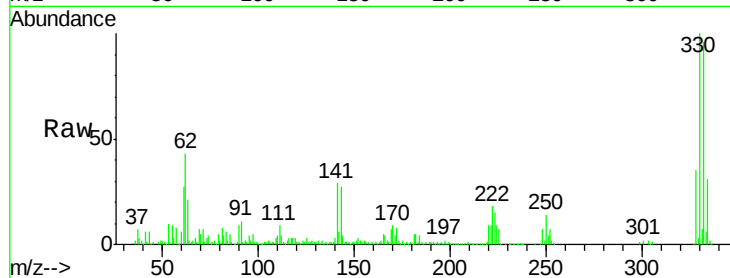
#41
 2,4,6-Tribromophenol
 Concen: 124.819 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106393.D
 Acq: 13 Jun 2018 16:11

Instrument :
 BNA_F
 ClientSampleId :
 EPE-105-5(0-5)

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	26.8	29.9	44.9	

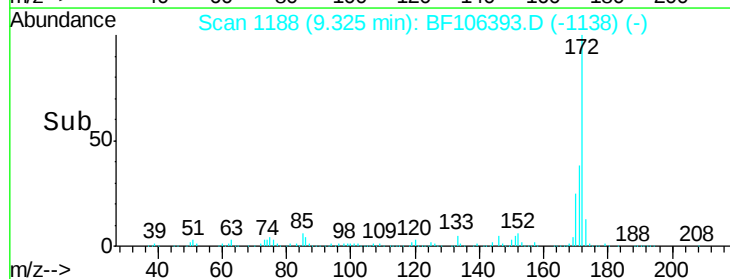
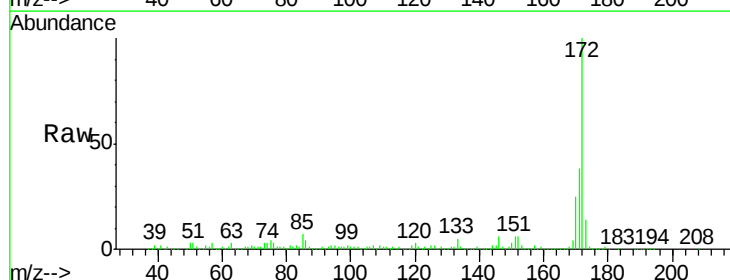
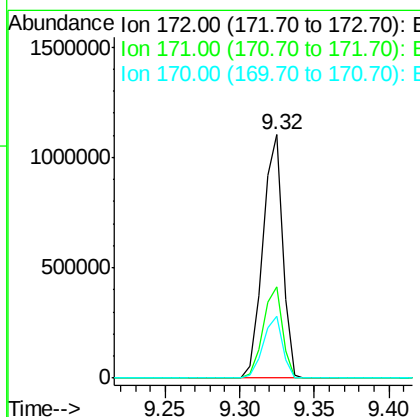
Manual Integrations
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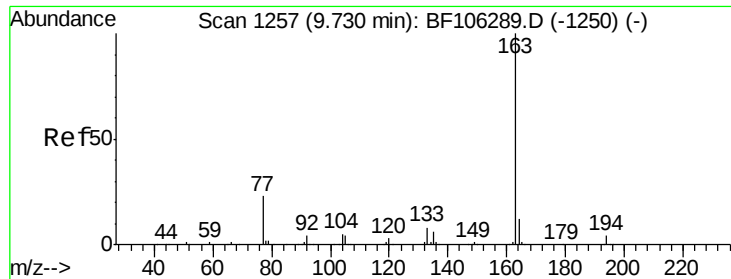
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#44
 2-Fluorobiphenyl
 Concen: 63.336 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106393.D
 Acq: 13 Jun 2018 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.6	29.7	44.5	
170	25.4	19.6	29.4	





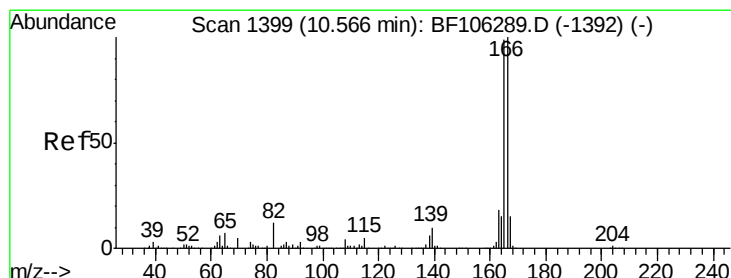
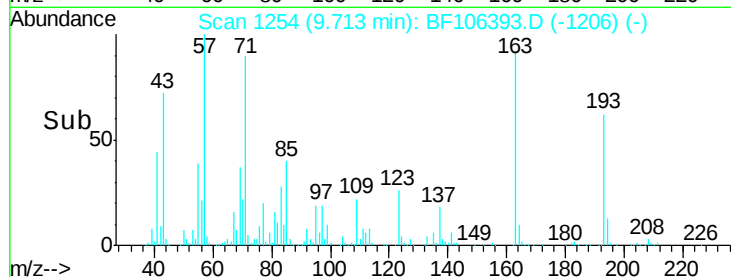
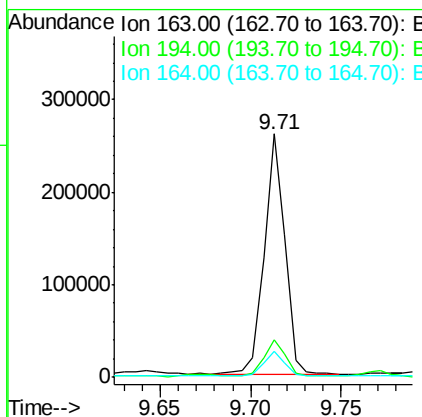
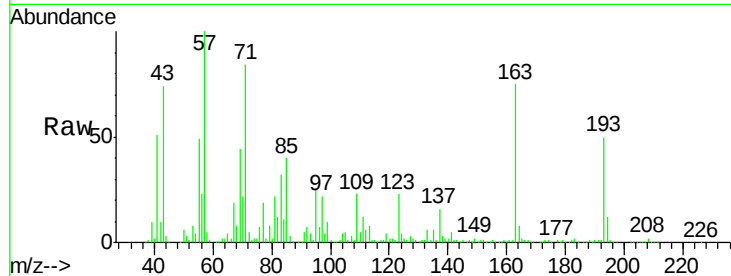
#49
Dimethylphthalate
Concen: 11.211 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-105-5(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		205824		
194	15.4	2.7	4.1#		
164	10.7	8.2	12.2		

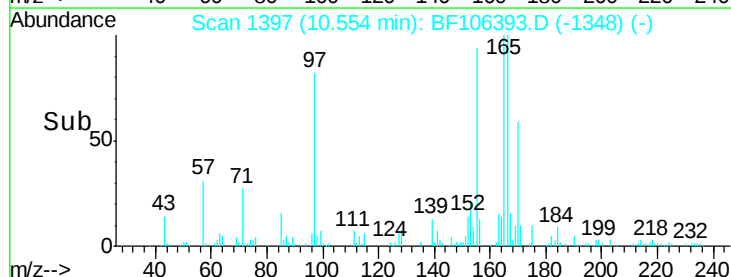
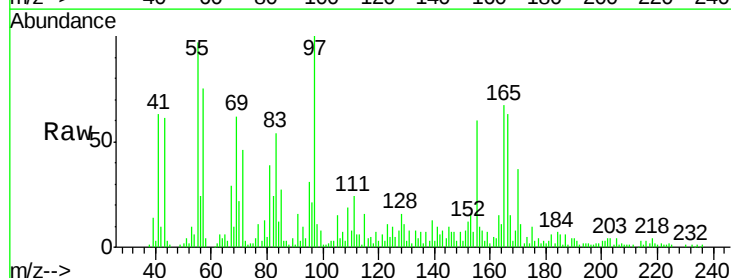
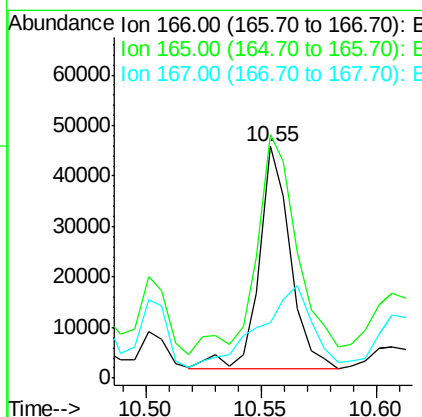
Manual Integrations
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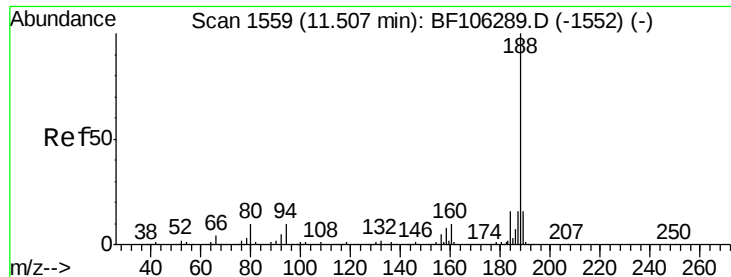
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#57
Fluorene
Concen: 2.464 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		41388		
165	105.2	79.8	119.8		
167	24.2	10.6	16.0#		





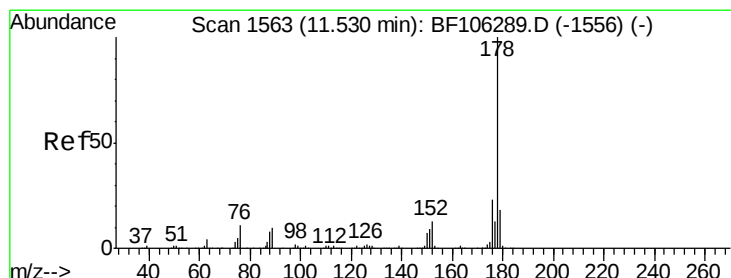
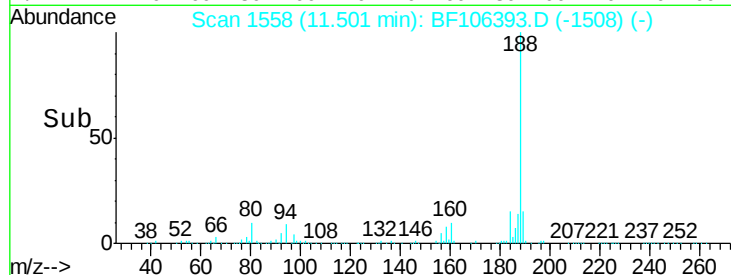
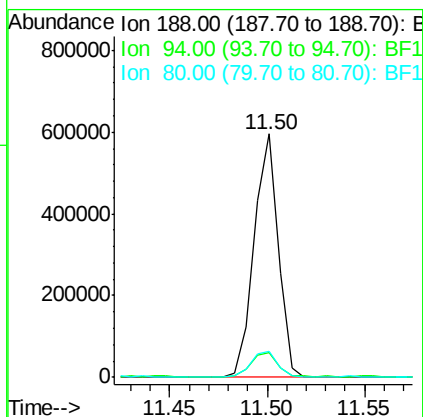
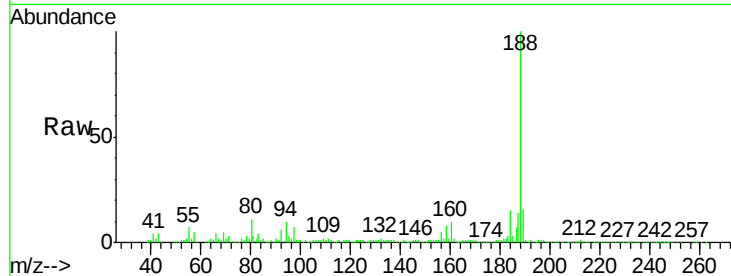
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-105-5(0-5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8

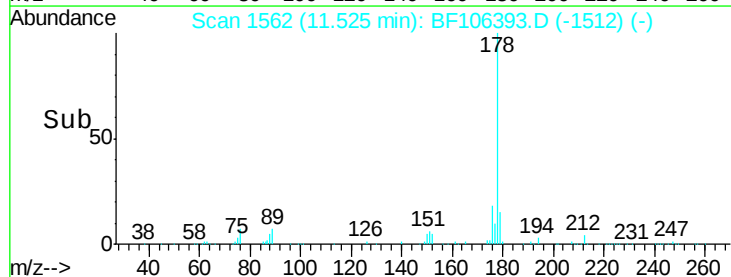
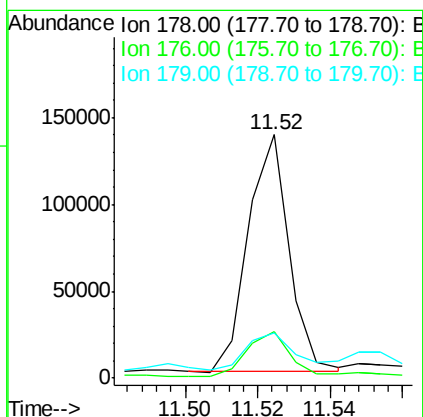
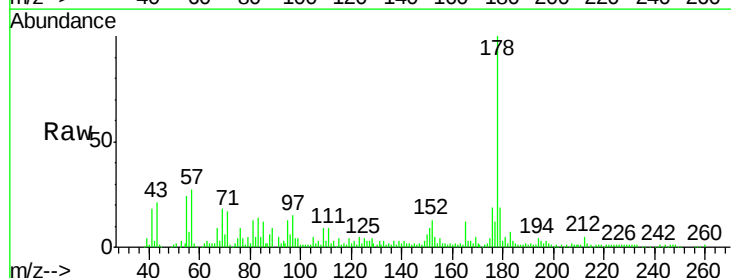
Manual Integrations
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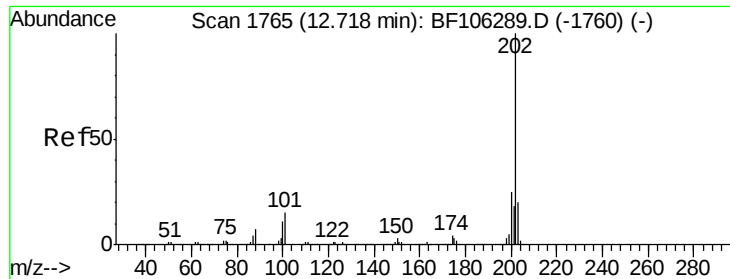
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#70
Phenanthrene
Concen: 4.271 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	15.8	23.8
179	18.6	13.0	19.6





#74

Fluoranthene

Concen: 10.092 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF106393.D

Acq: 13 Jun 2018 16:11

Instrument :

BNA_F

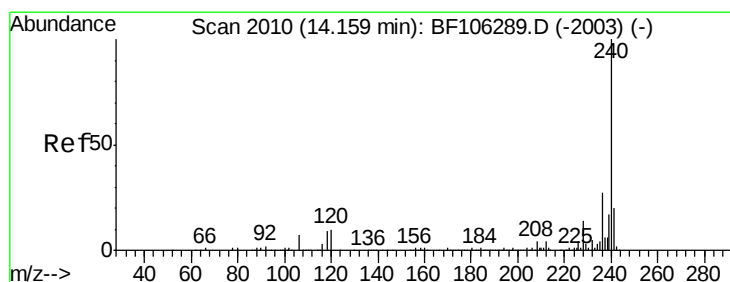
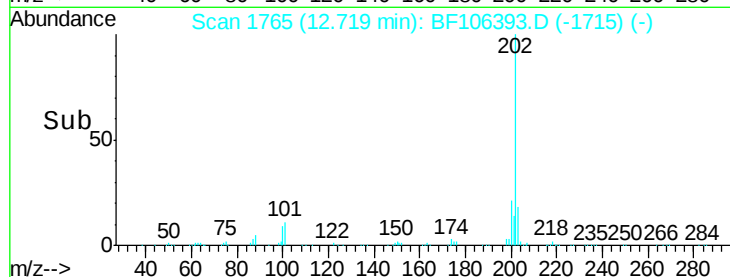
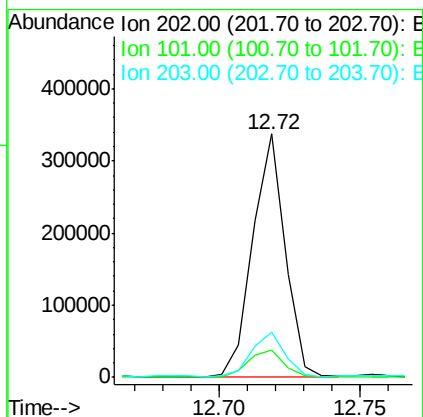
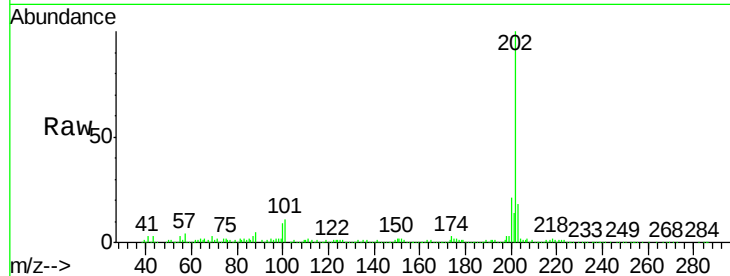
ClientSampleId :

EPE-105-5(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		267956		
101	11.0	0.0	34.1		
203	18.4	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

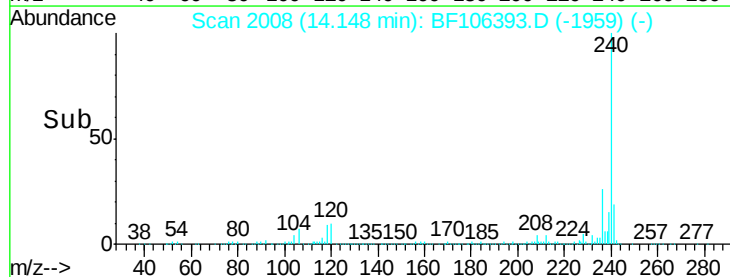
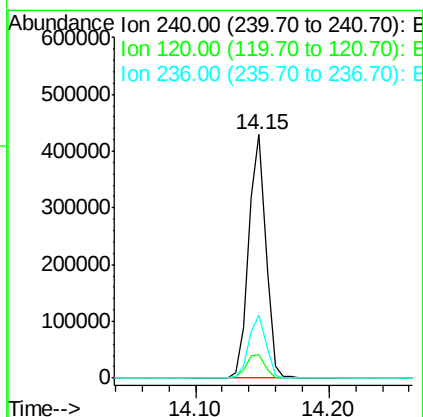
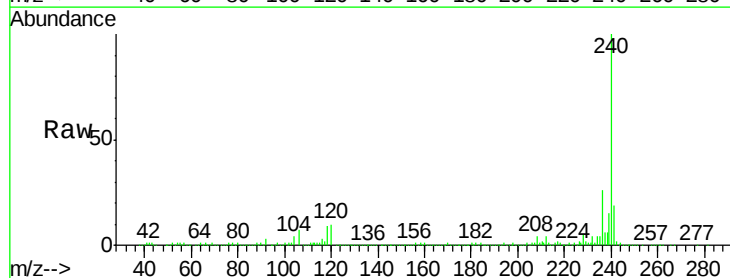
RT: 14.15 min Scan# 2008

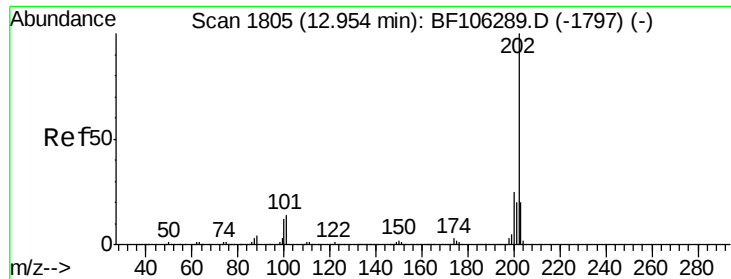
Delta R.T. -0.01 min

Lab File: BF106393.D

Acq: 13 Jun 2018 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		375554		
120	9.8	9.5	14.3		
236	25.9	20.7	31.1		





#77

Pvrene

Concen: 10.719 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106393.D

Acq: 13 Jun 2018 16:11

Instrument :

BNA_F

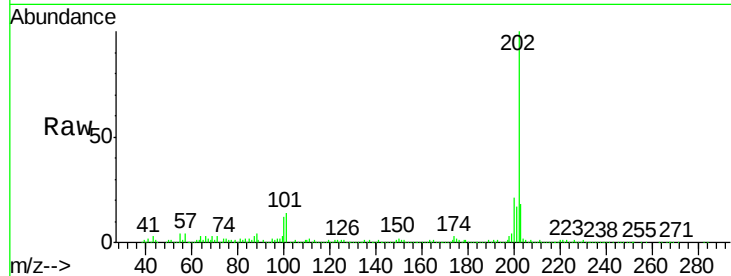
ClientSampleId :

EPE-105-5(0-5)

Tot Ion:	202	Resp:	252035
Ion Ratio		Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.8	14.3	21.5

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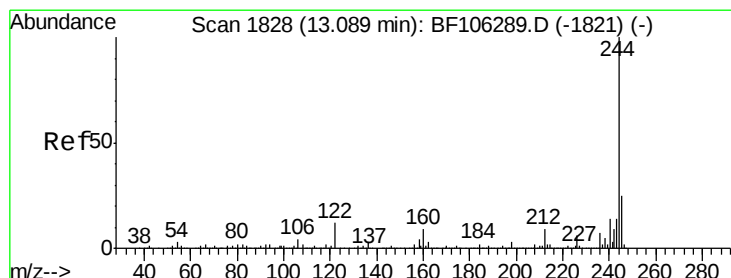
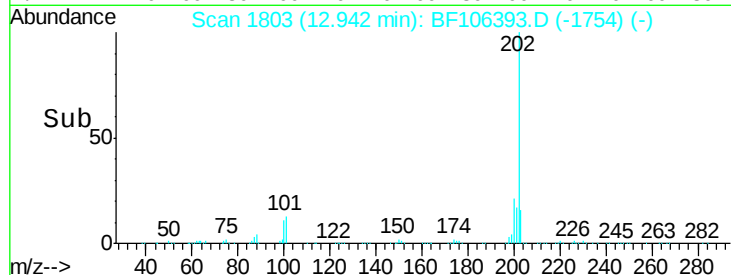
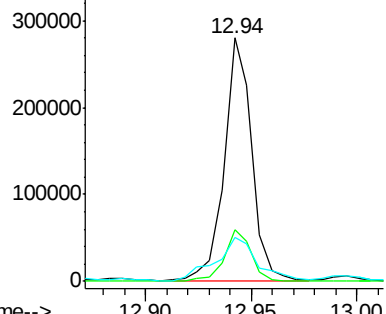
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.323 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106393.D

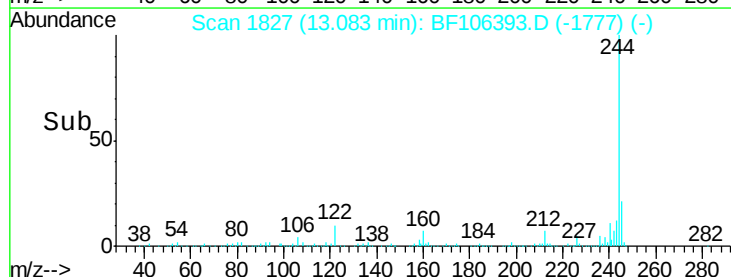
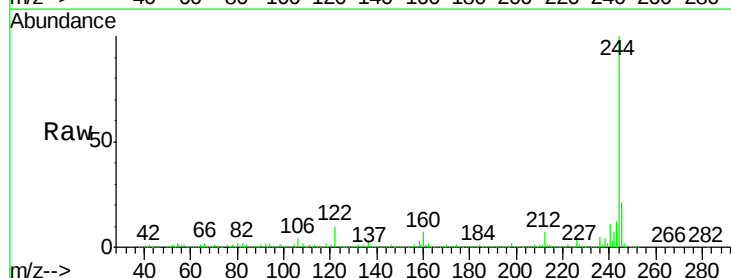
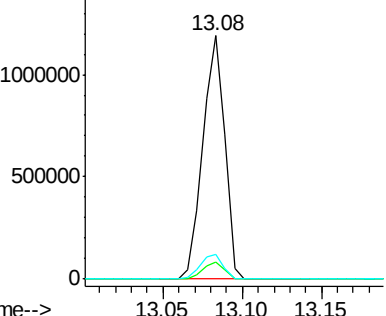
Acq: 13 Jun 2018 16:11

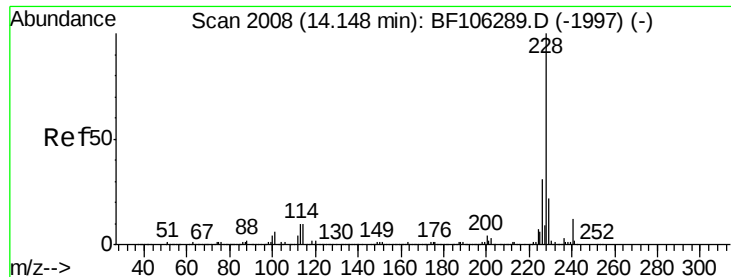
Tgt Ion:	244	Resp:	1138906
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.1	11.0	16.4#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





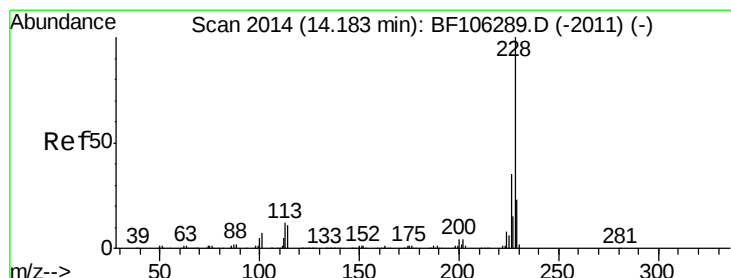
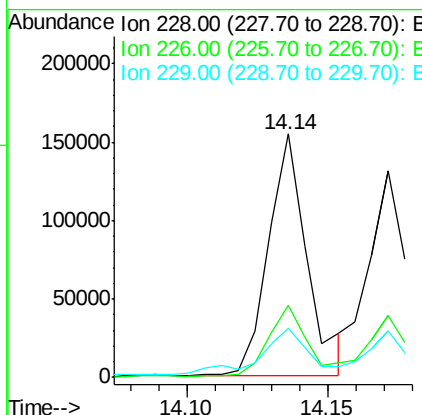
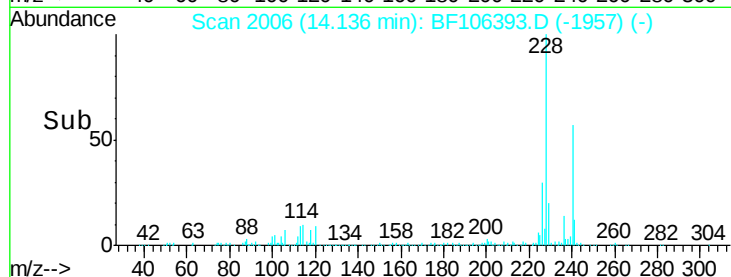
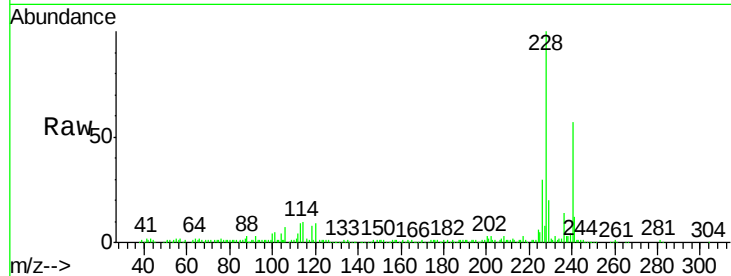
#80
Benzo(a)anthracene
Concen: 6.606 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-105-5(0-5)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		147641		
226	29.8	22.6	33.8		
229	20.3	15.8	23.6		

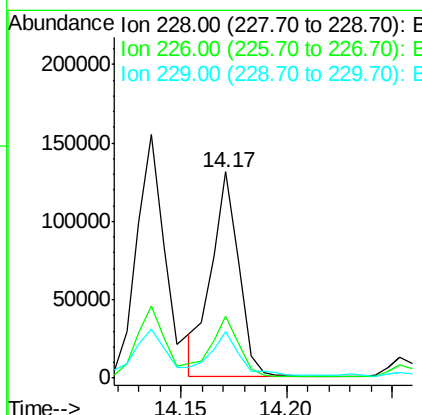
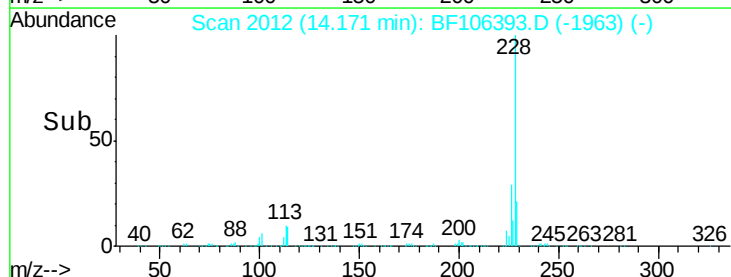
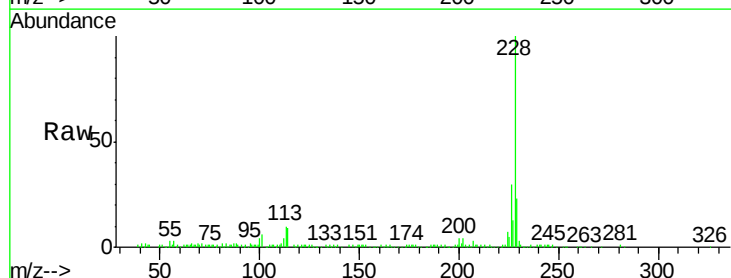
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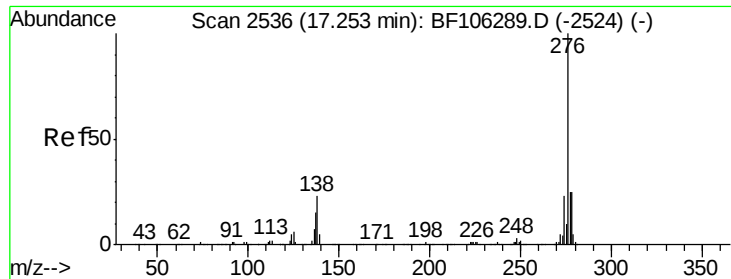
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#82
Chrysene
Concen: 5.832 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		118998		
226	29.9	25.0	37.6		
229	22.6	16.2	24.4		





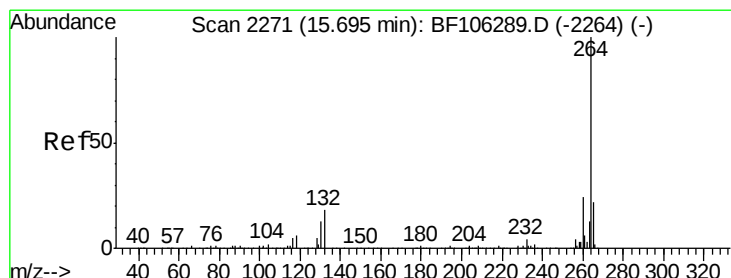
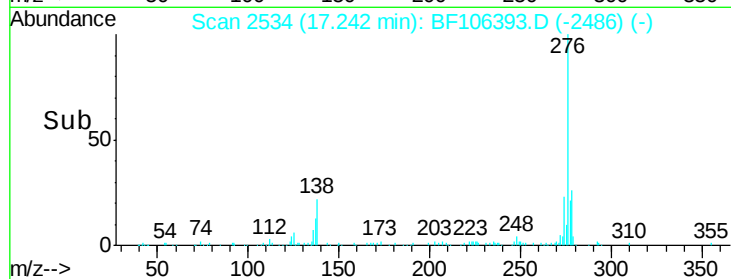
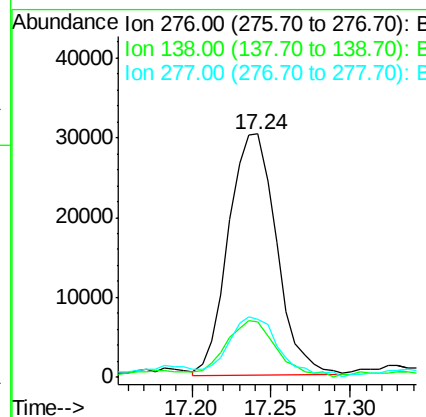
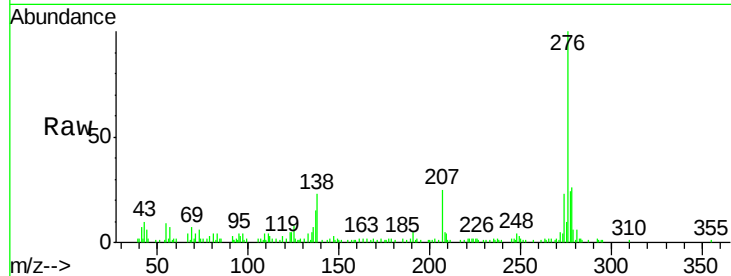
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.877 ng
 RT: 17.24 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BF106393.D
 Acq: 13 Jun 2018 16:11

Instrument :
 BNA_F
 ClientSampleId :
 EPE-105-5(0-5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	26.9	20.1	30.1

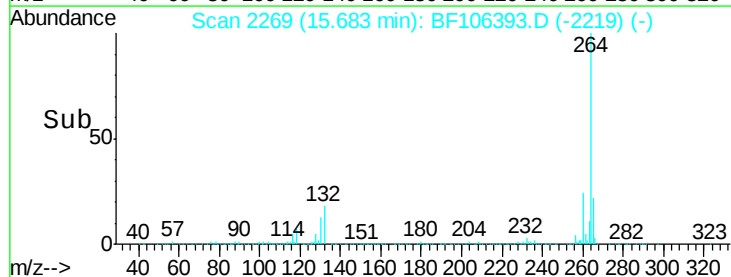
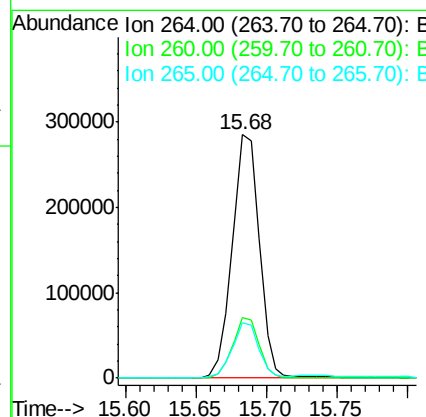
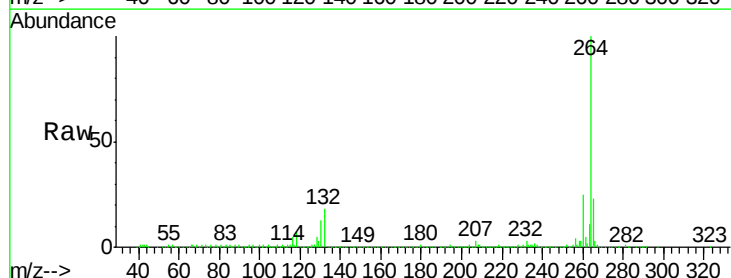
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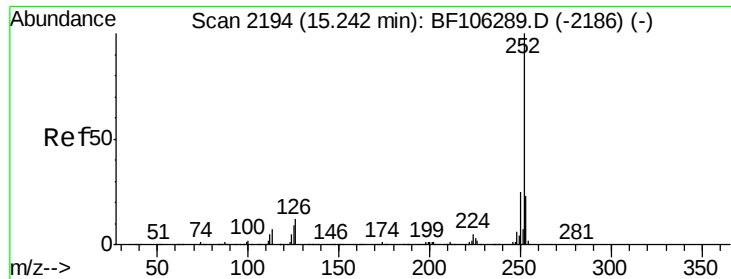
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF106393.D
 Acq: 13 Jun 2018 16:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.6	17.5	26.3





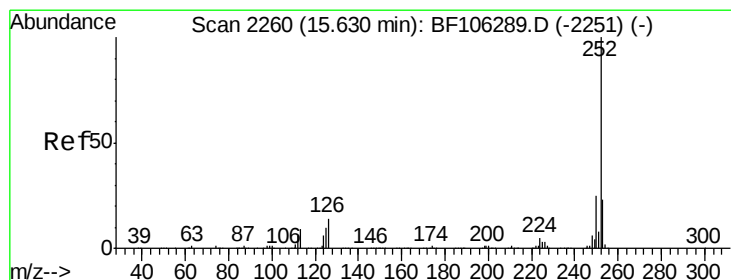
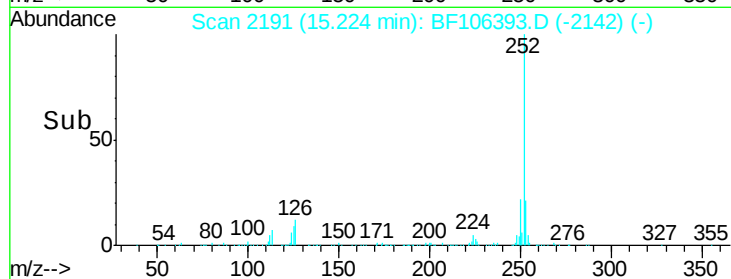
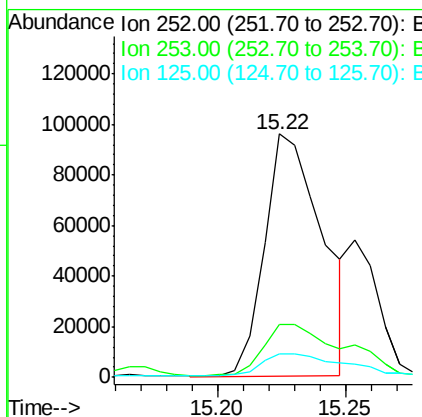
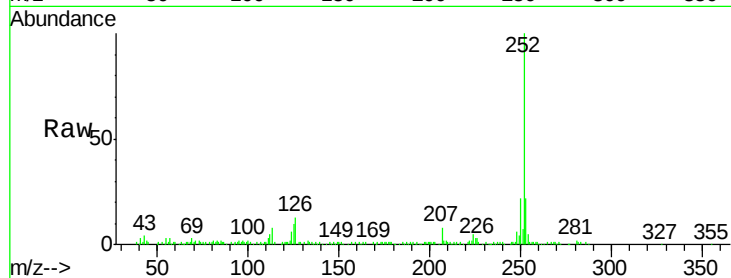
#87
Benzo(b)fluoranthene
Concen: 6.497 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Instrument :
BNA_F
ClientSampleId :
EPE-105-5(0-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	9.7	9.0	13.6

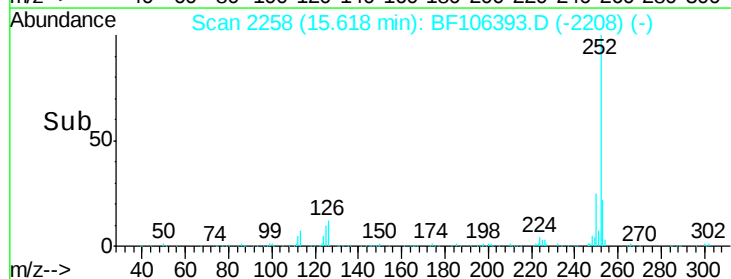
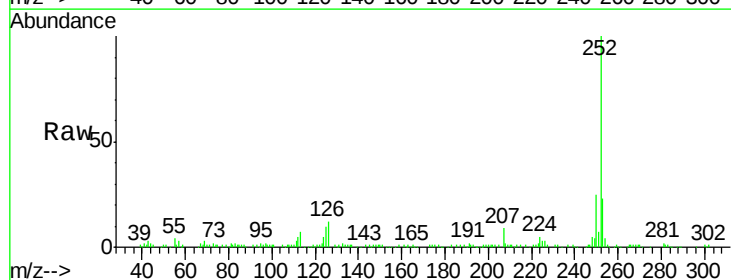
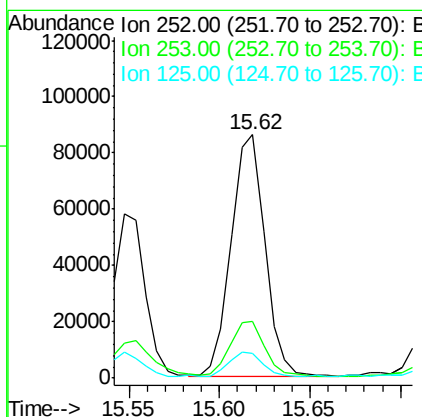
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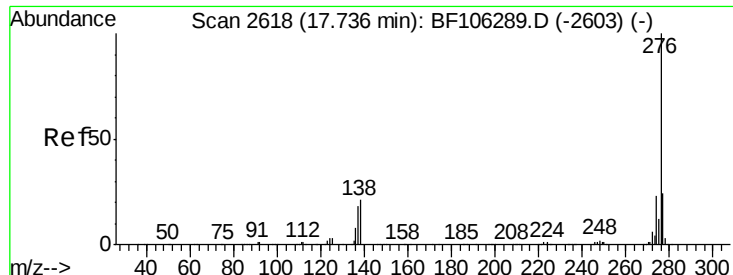
Sohil
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#89
Benzo(a)pyrene
Concen: 5.359 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF106393.D
Acq: 13 Jun 2018 16:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	10.4	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 3.461 ng
 RT: 17.71 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BF106393.D
 Acq: 13 Jun 2018 16:11

Instrument :
 BNA_F
 ClientSampleId :
 EPE-105-5(0-5)

Tot Ion:	276	Resp:	58672
Ion Ratio	Lower	Upper	
276	100		
277	23.6	17.9	26.9
138	21.6	21.8	32.8#

Manual Integrations
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Sohil
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