

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
 Data File : BF106397.D
 Acq On : 13 Jun 2018 17:59
 Operator : JU/SJ
 Sample : J3251-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-061118

Manual Integrations
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Sohil
 6/14/2018 2:47:45 PM

Quant Time: Jun 14 03:35:17 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	151684	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	585681	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	275169	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	481685	20.00	ng	0.00
75) Chrysene-d12	14.15	240	387348	20.00	ng	-0.01
86) Perylene-d12	15.69	264	364205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	417341	46.57	ng	-0.01
7) Phenol-d6	6.61	99	540001	47.69	ng	-0.01
23) Nitrobenzene-d5	7.52	82	328387	32.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	126268	47.69	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	607236	29.27	ng	-0.01
78) Terphenyl-d14	13.08	244	519062	33.28	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	110512	5.621	ng	99
70) Phenanthrene	11.52	178	229246	9.718	ng	97
74) Fluoranthene	12.71	202	180430	7.172	ng	97
77) Pyrene	12.94	202	132702	5.472	ng	99
80) Benzo(a)anthracene	14.14	228	52863	2.293	ng	# 94
82) Chrysene	14.18	228	47435	2.254	ng	# 95
87) Benzo(b)fluoranthene	15.23	252	55248m	2.509	ng	

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

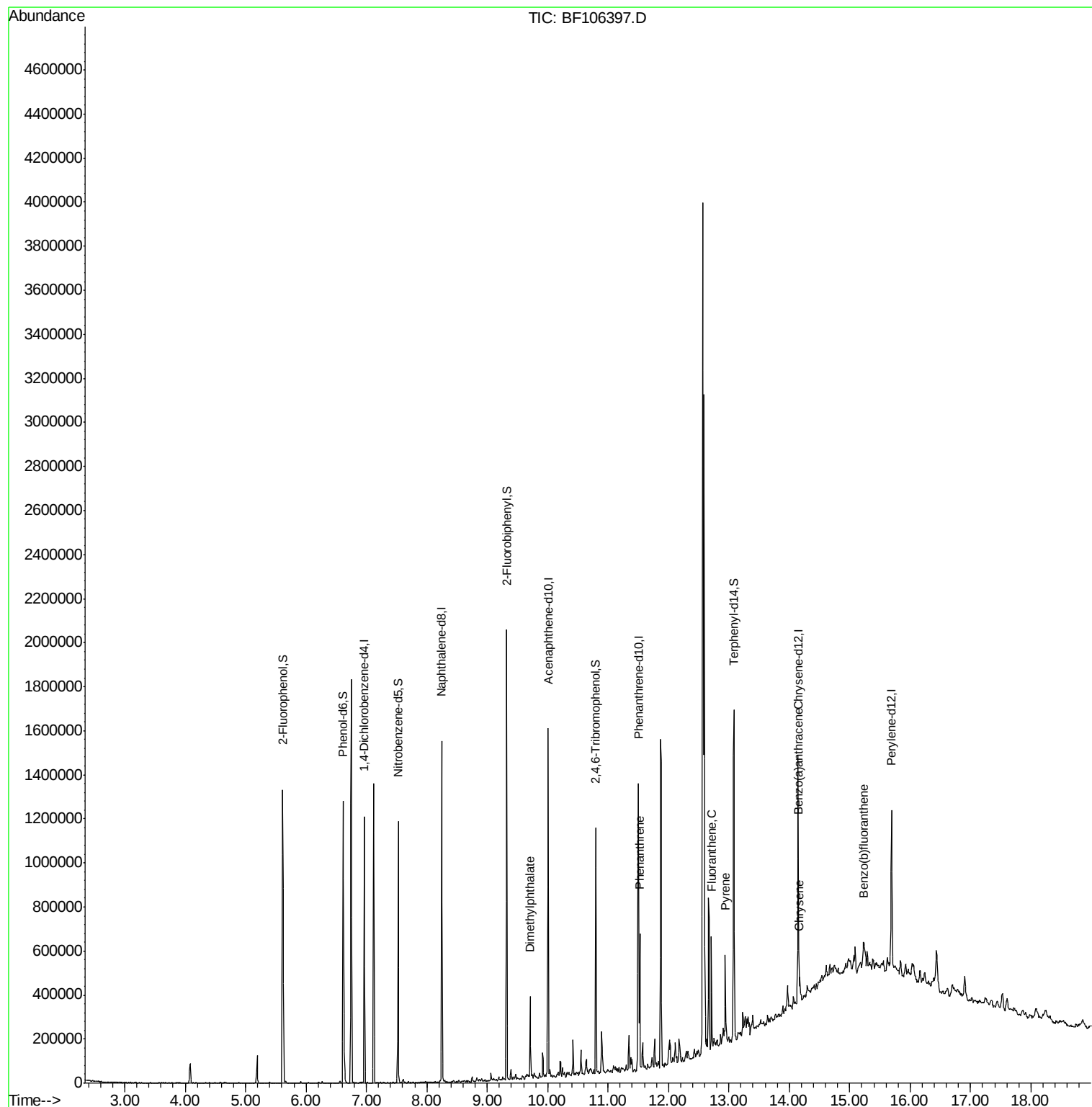
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106397.D
Acq On : 13 Jun 2018 17:59
Operator : JU/SJ
Sample : J3251-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

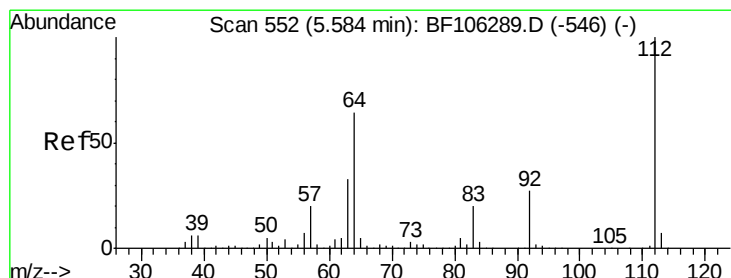
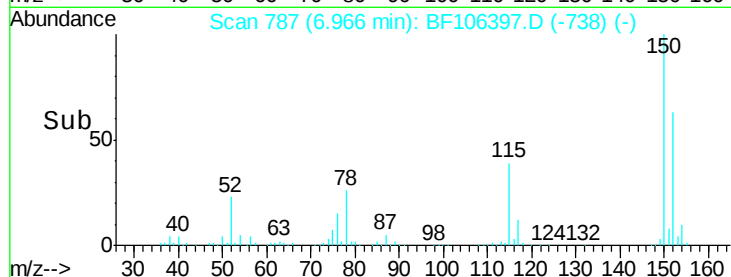
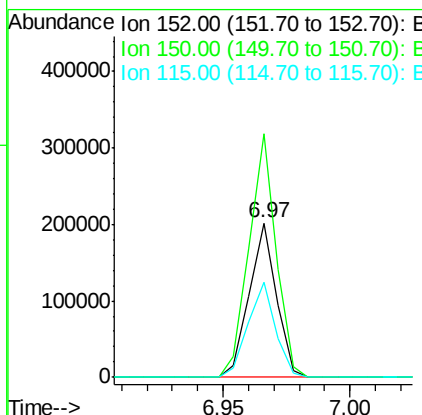
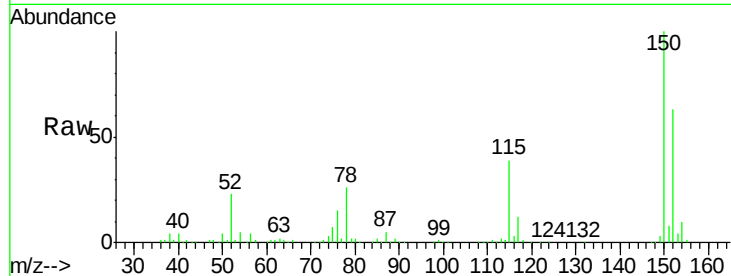
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Instrument :
BNA_F
ClientSampleId :
SU-03-061118

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.6	186.8
115	61.4	50.1	75.1

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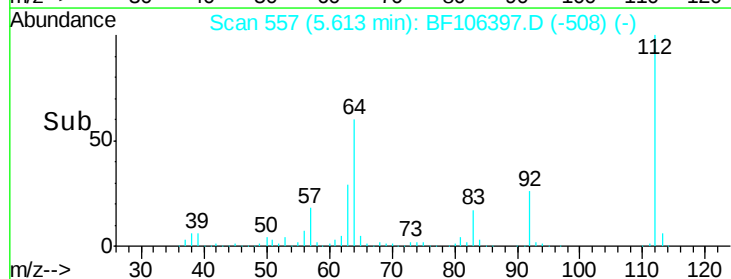
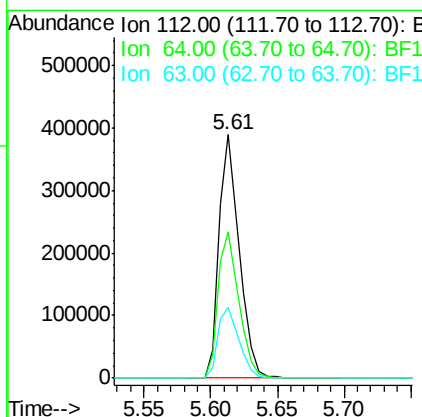
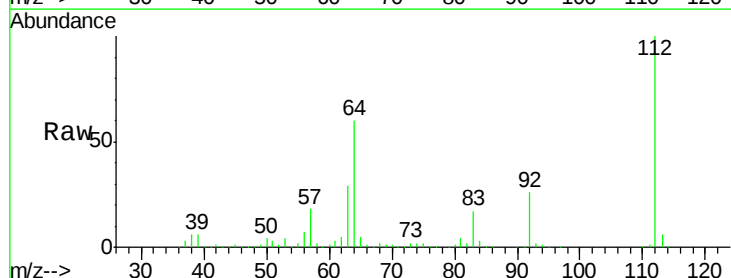
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#5

2-Fluorophenol
Concen: 46.567 ng
RT: 5.61 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 47.691 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106397.D

Acq: 13 Jun 2018 17:59

Instrument :

BNA_F

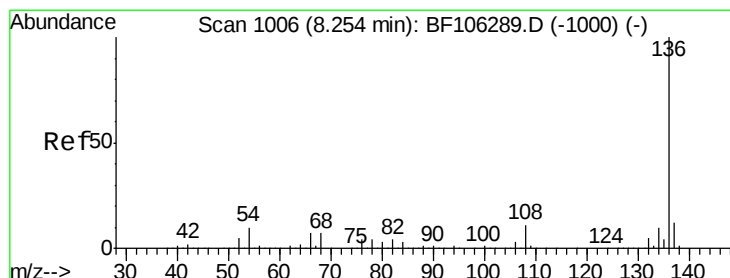
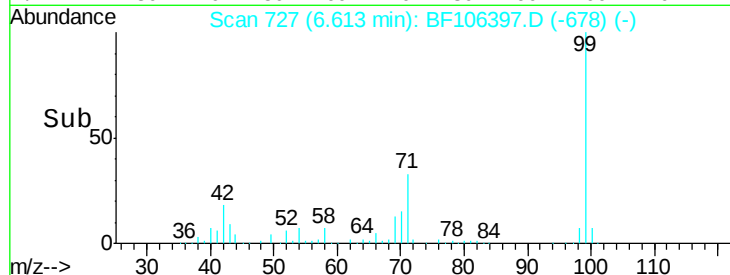
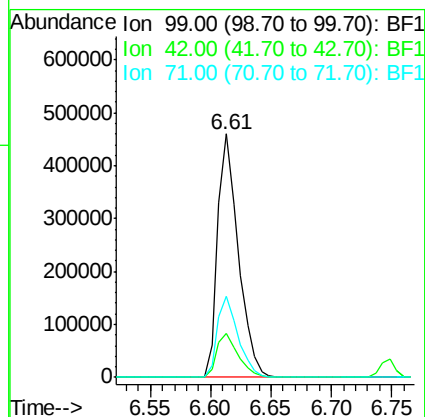
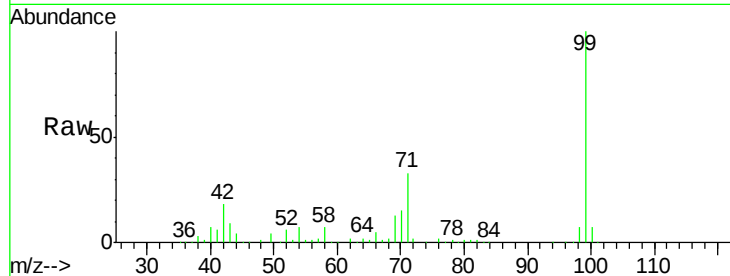
ClientSampleId :

SU-03-061118

Tot Ion:	99	Resp:	540001
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.5	21.7
71	33.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

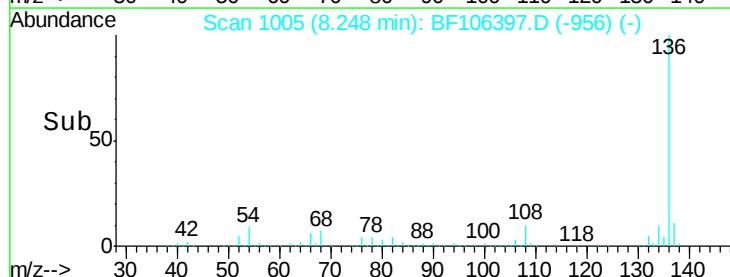
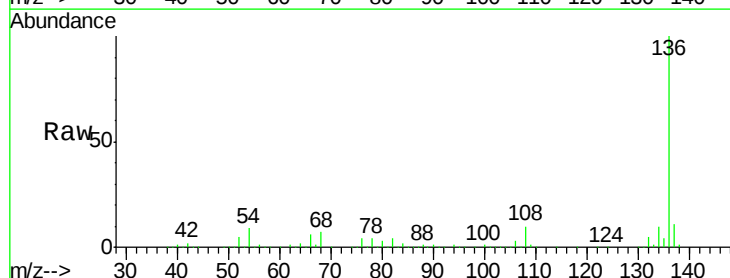
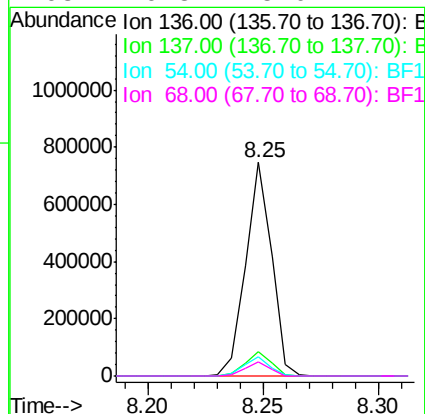
RT: 8.25 min Scan# 1005

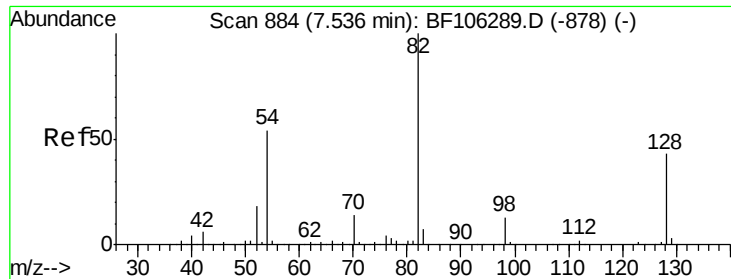
Delta R.T. -0.01 min

Lab File: BF106397.D

Acq: 13 Jun 2018 17:59

Tgt Ion:	136	Resp:	585681
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	9.2	6.6	9.8
68	6.8	5.0	7.4





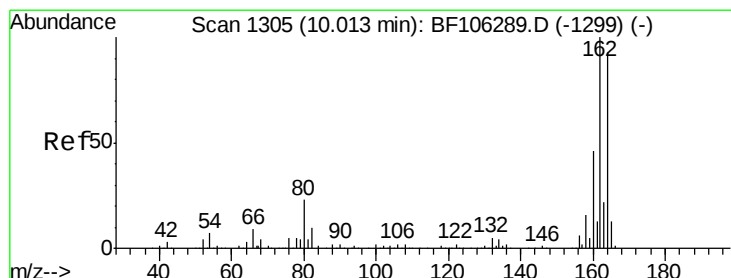
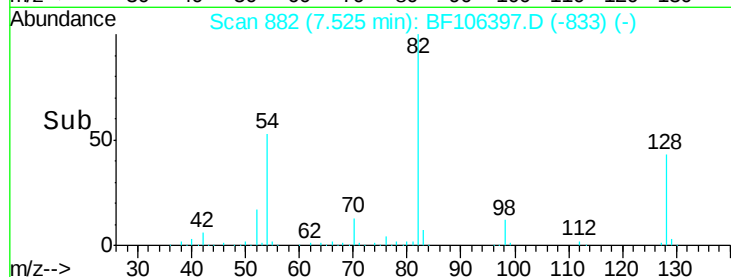
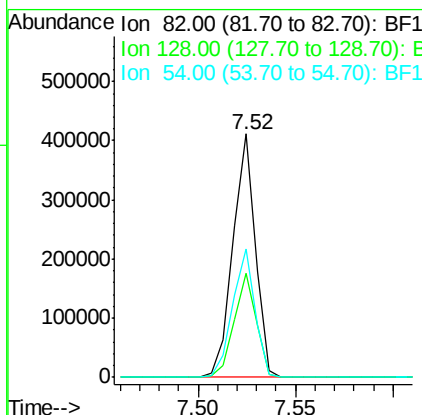
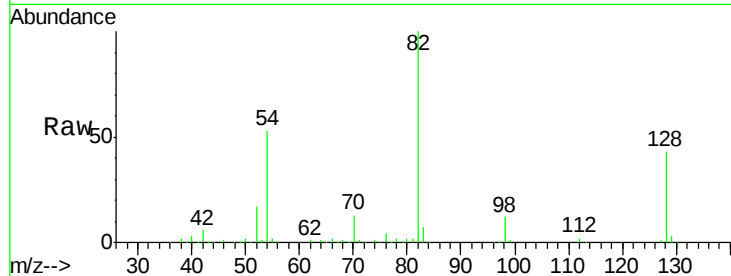
#23
Nitrobenzene-d5
Concen: 32.985 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Instrument :
BNA_F
ClientSampled :
SU-03-061118

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.6	36.1	54.1	
54	52.5	41.4	62.2	

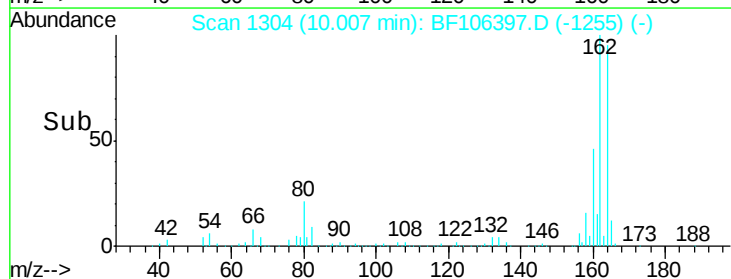
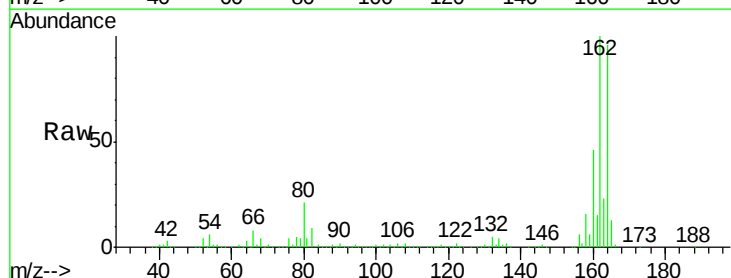
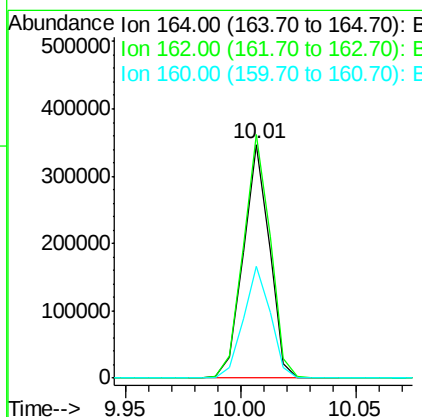
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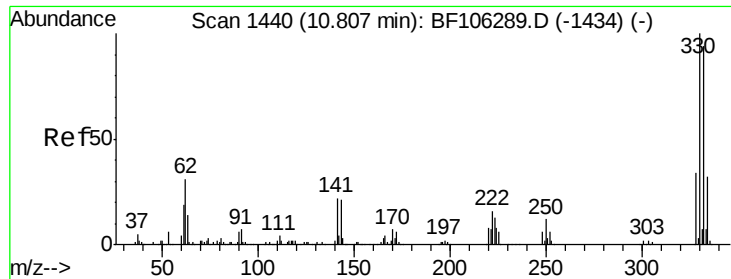
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	86.1	129.1	
160	47.7	38.3	57.5	





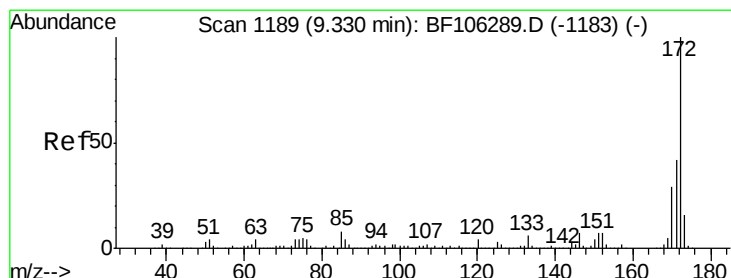
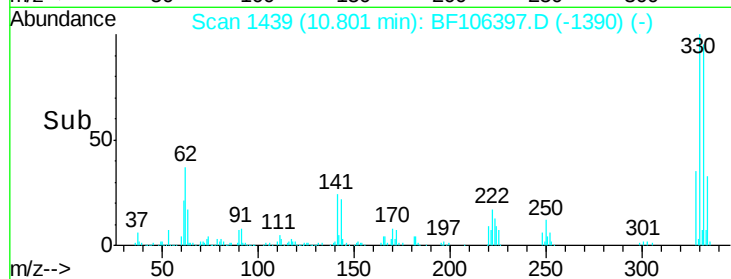
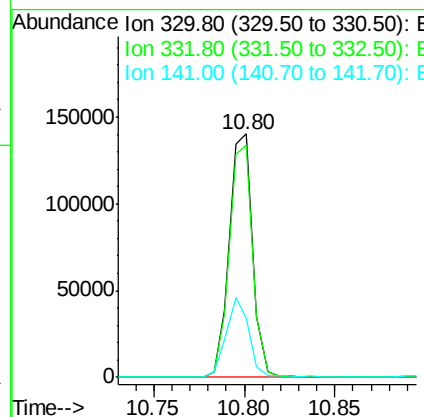
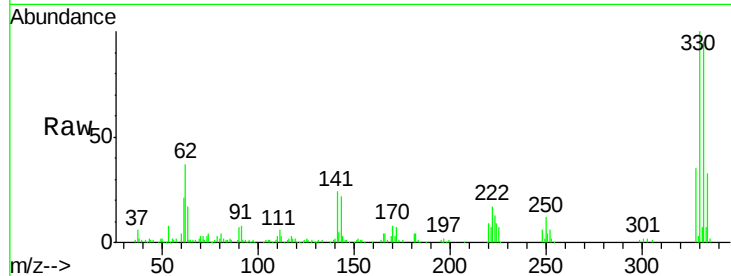
#41
 2,4,6-Tribromophenol
 Concen: 47.691 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF106397.D
 Acq: 13 Jun 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-061118

Tot Ion	Ratio	Resp	Lower	Upper
330	100	126268		
332	95.7	77.0	115.6	
141	31.5	29.9	44.9	

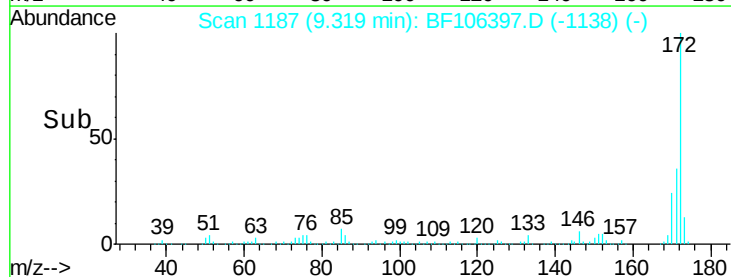
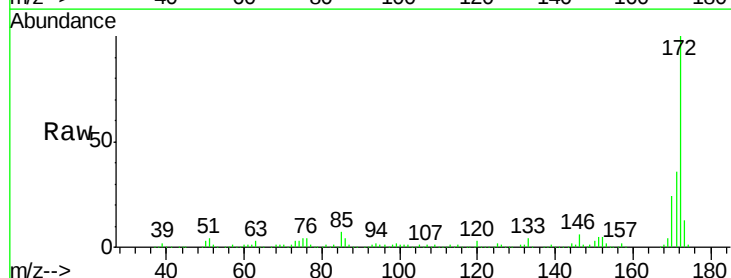
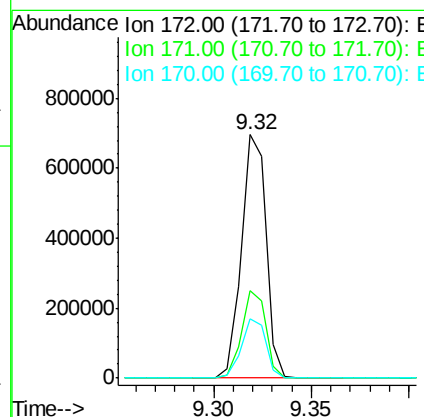
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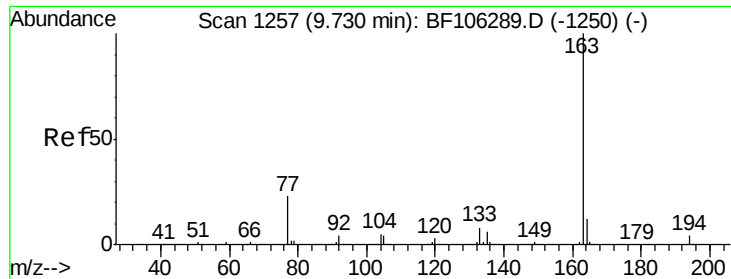
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#44
 2-Fluorobiphenyl
 Concen: 29.272 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106397.D
 Acq: 13 Jun 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	607236		
171	35.9	29.7	44.5	
170	24.3	19.6	29.4	





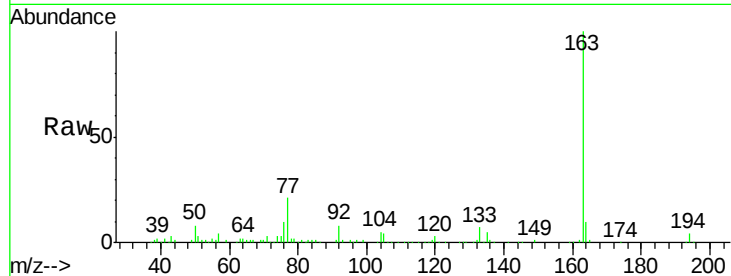
#49
Dimethylphthalate
Concen: 5.621 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Instrument :
BNA_F
ClientSampleId :
SU-03-061118

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	9.9	8.2	12.2	

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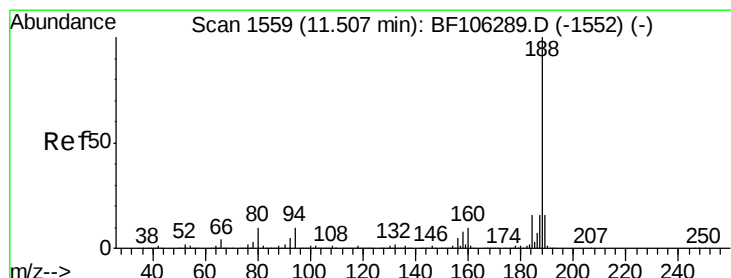
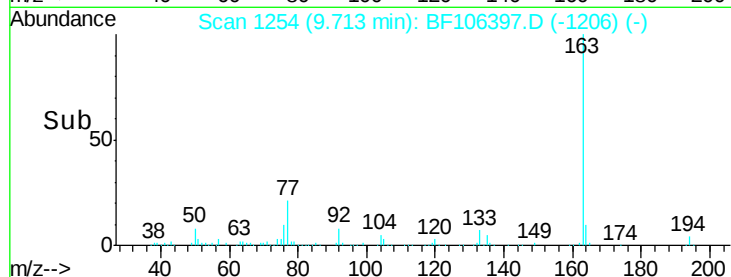
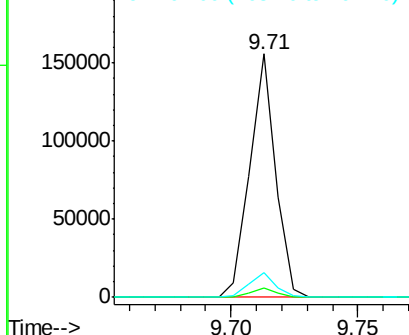


Abundance

Ion 163.00 (162.70 to 163.70): E

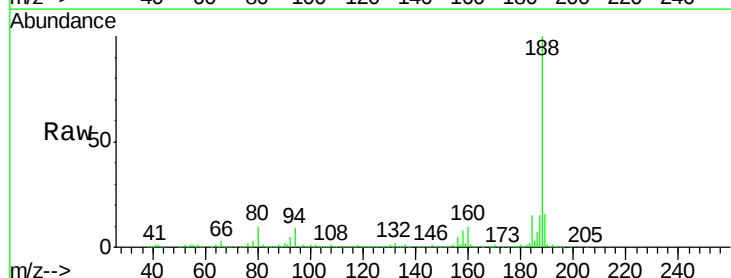
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.3	8.5	12.7	
80	9.7	9.2	13.8	

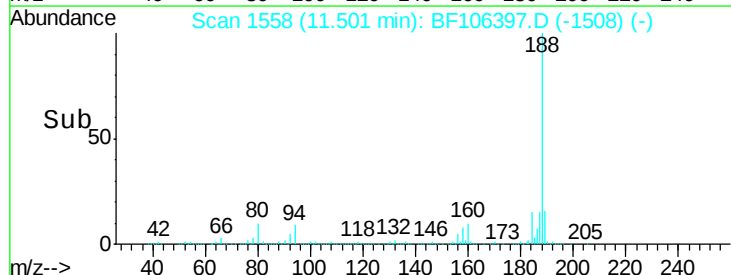
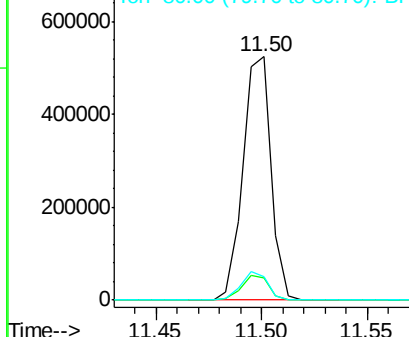


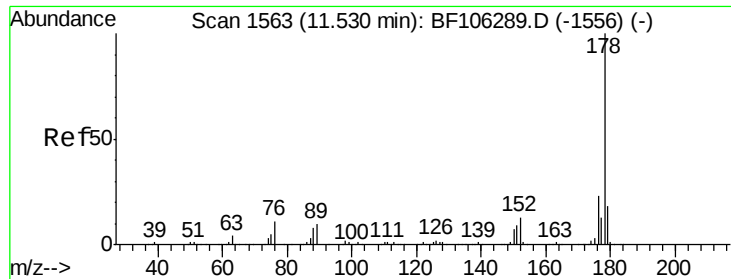
Abundance

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





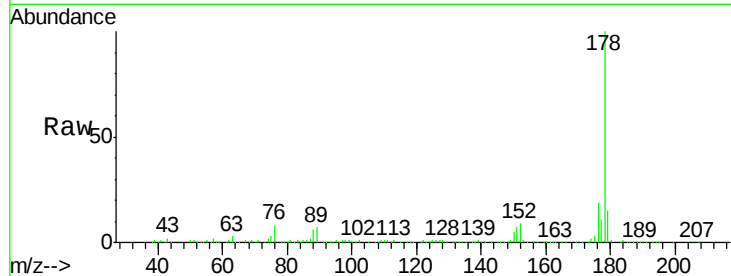
#70
Phenanthrene
Concen: 9.718 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Instrument :
BNA_F
ClientSampleId :
SU-03-061118

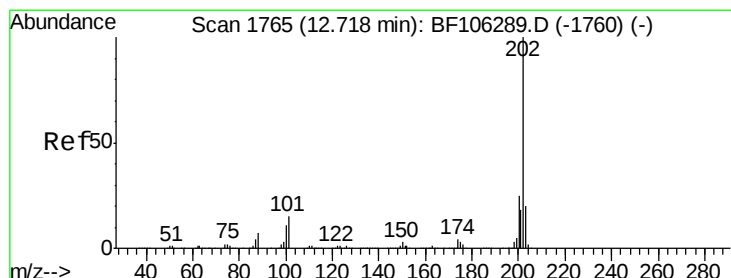
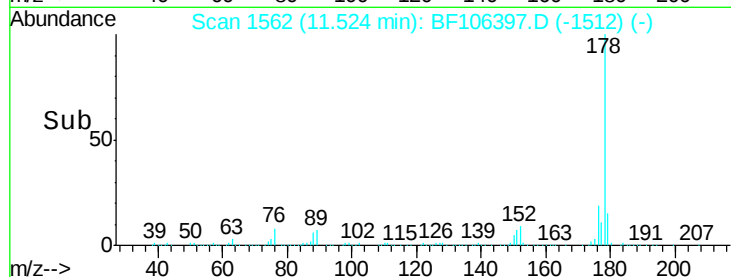
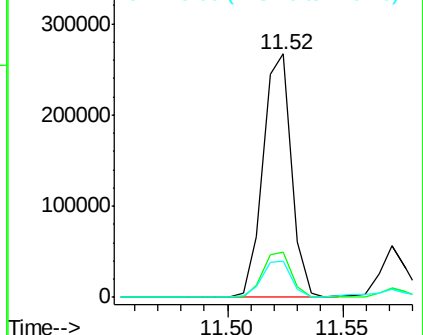
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.0	13.0	19.6

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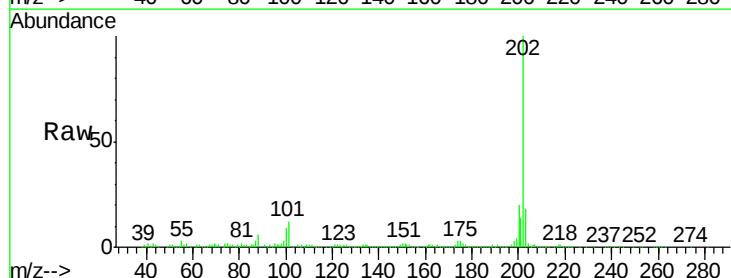


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

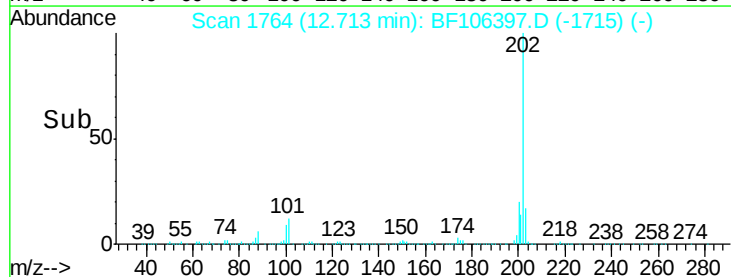
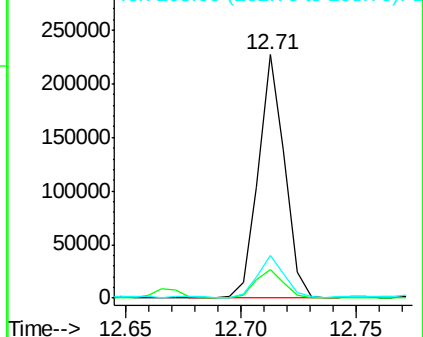


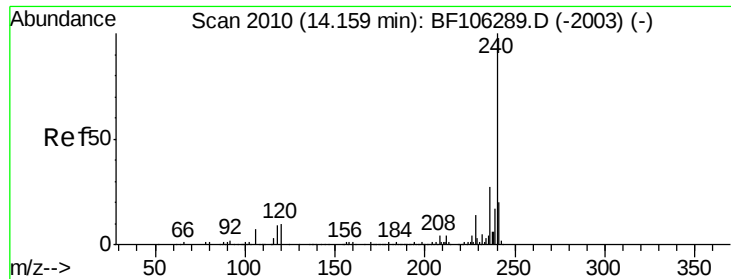
#74
Fluoranthene
Concen: 7.172 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.6	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# 2008

Delta R.T. -0.01 min

Lab File: BF106397.D

Acq: 13 Jun 2018 17:59

Instrument :

BNA_F

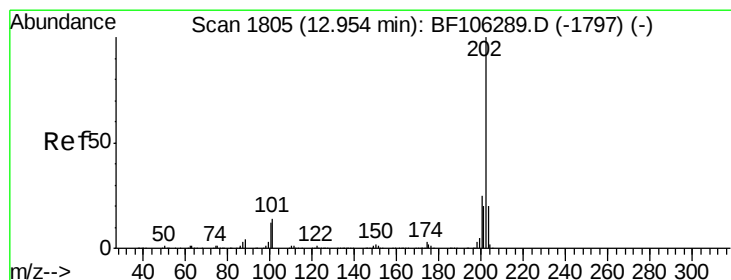
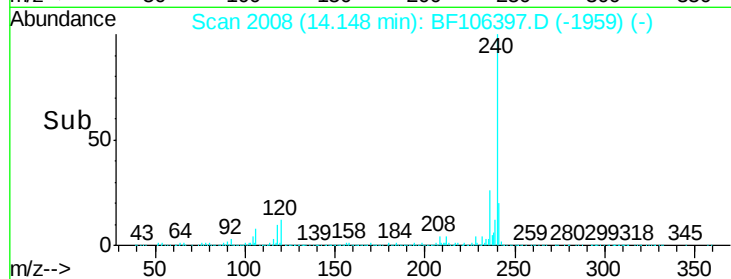
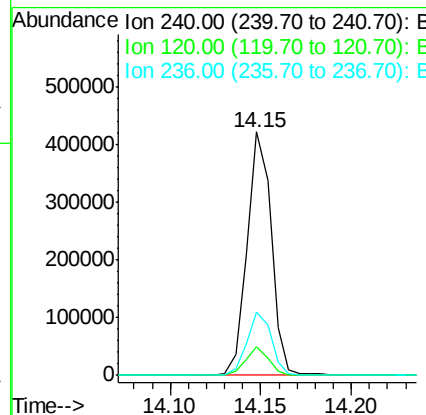
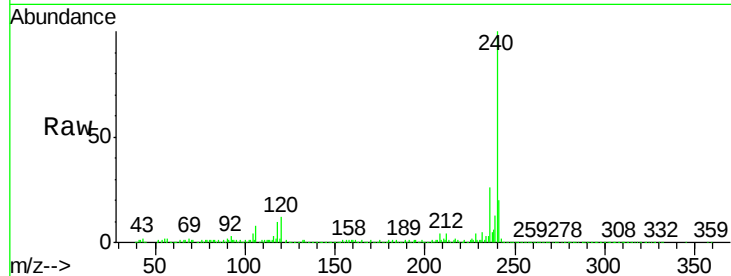
ClientSampleId :

SU-03-061118

Tot Ion:	240	Resp:	387348
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.8	20.7	31.1

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#77

Pyrene

Concen: 5.472 ng

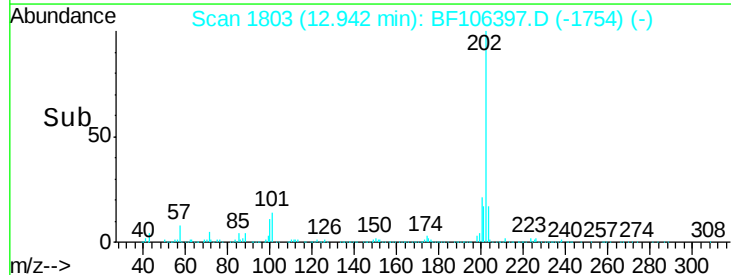
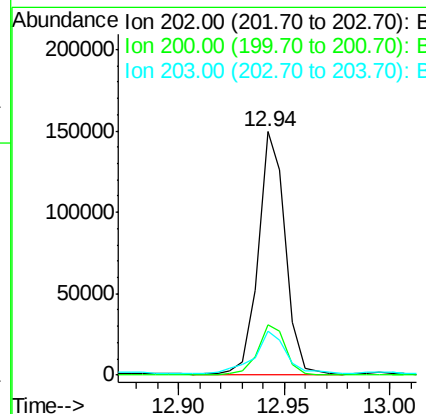
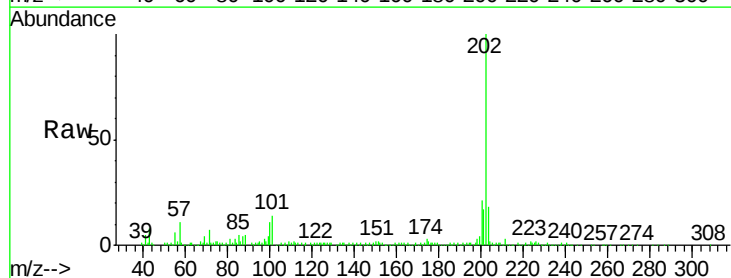
RT: 12.94 min Scan# 1803

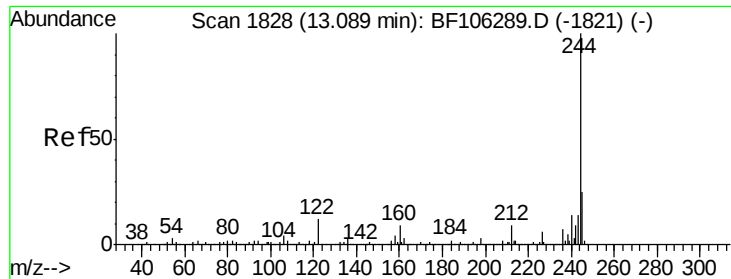
Delta R.T. -0.01 min

Lab File: BF106397.D

Acq: 13 Jun 2018 17:59

Tgt Ion:	202	Resp:	132702
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	18.1	14.3	21.5





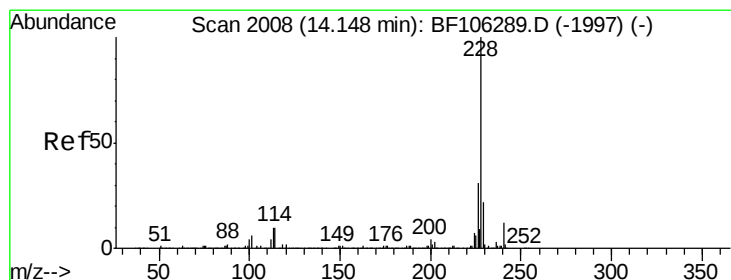
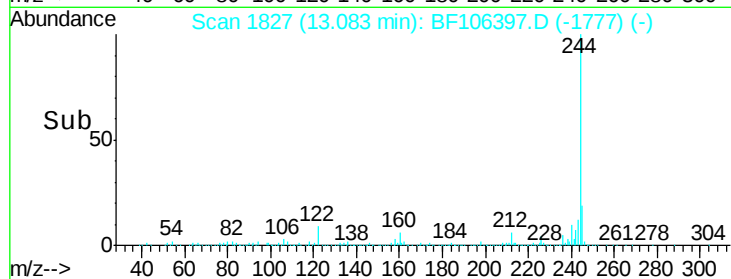
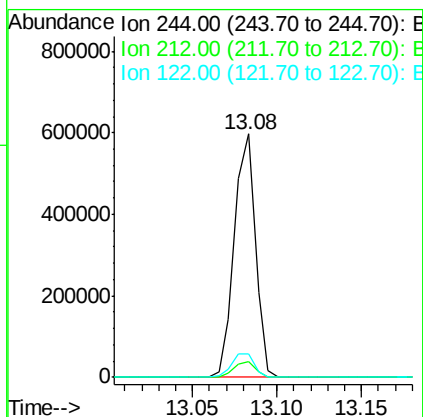
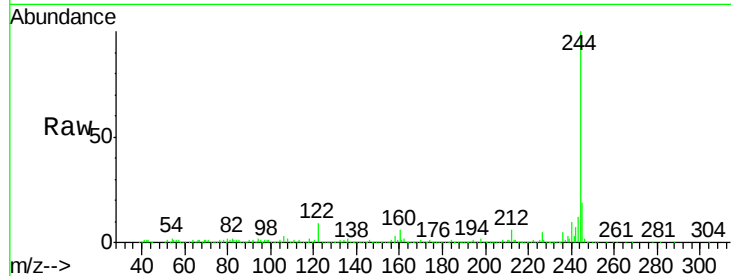
#78
 Terphenyl-d14
 Concen: 33.284 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BF106397.D
 Acq: 13 Jun 2018 17:59

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-061118

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.5	11.0	16.4

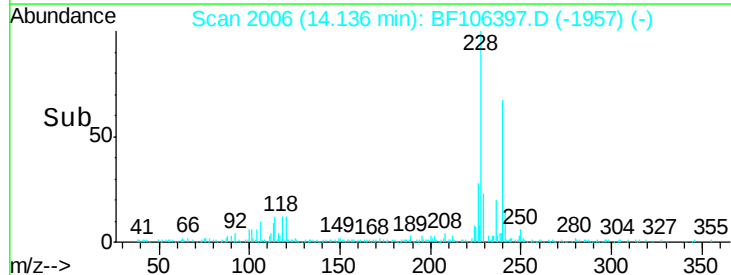
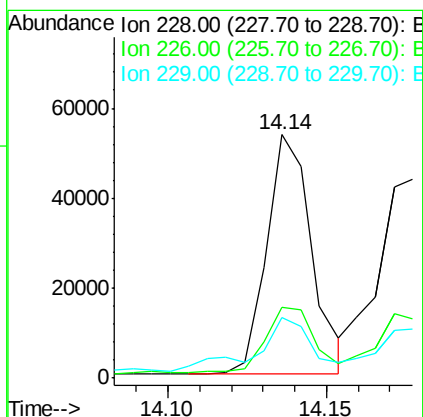
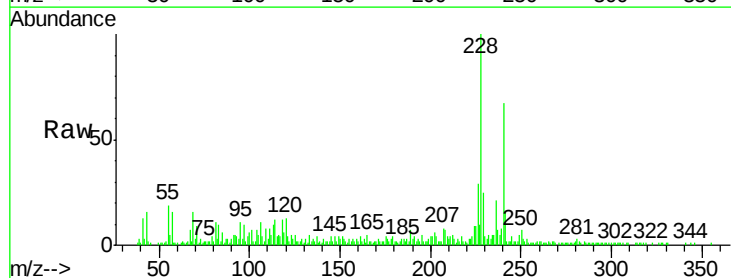
Manual Integrations
 APPROVED

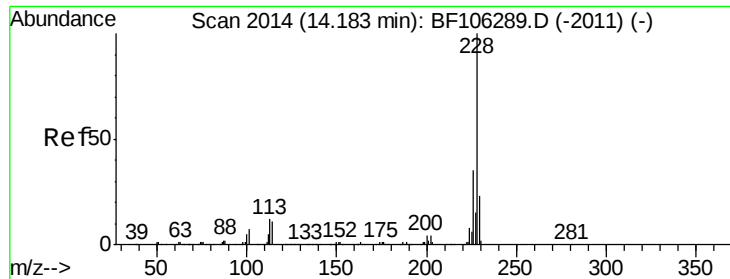
Sohil
 6/14/2018 2:47:45 PM



#80
 Benzo(a)anthracene
 Concen: 2.293 ng
 RT: 14.14 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF106397.D
 Acq: 13 Jun 2018 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	24.9	15.8	23.6





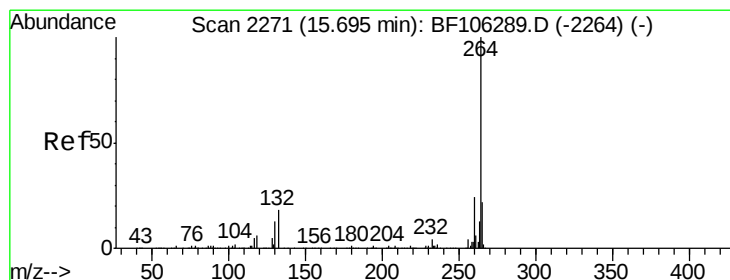
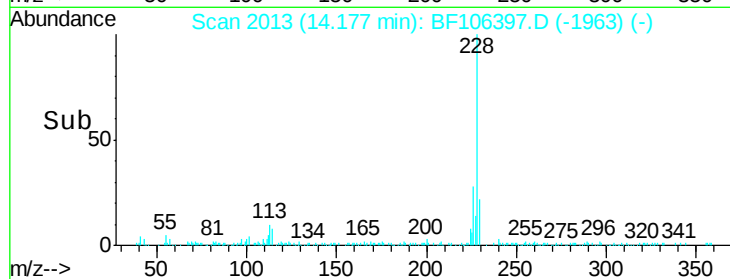
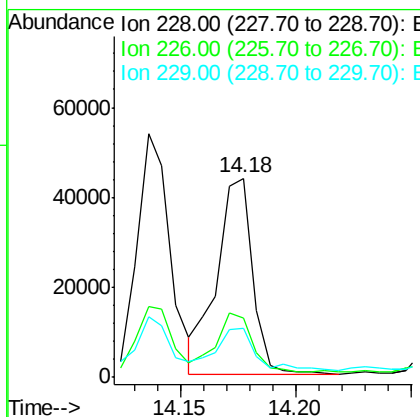
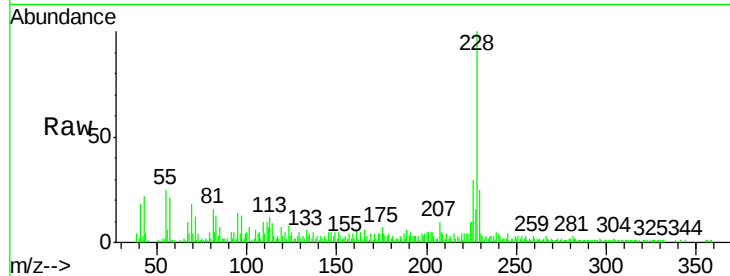
#82
Chrysene
Concen: 2.254 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Instrument :
BNA_F
ClientSampleId :
SU-03-061118

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	24.7	16.2	24.4

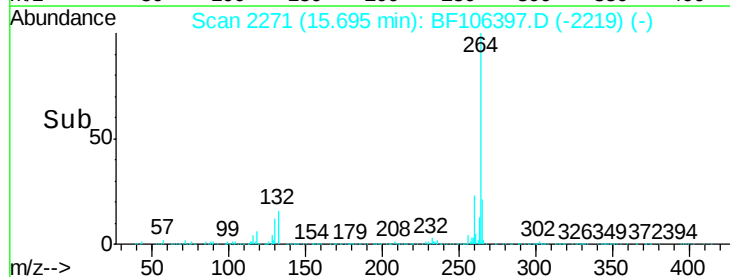
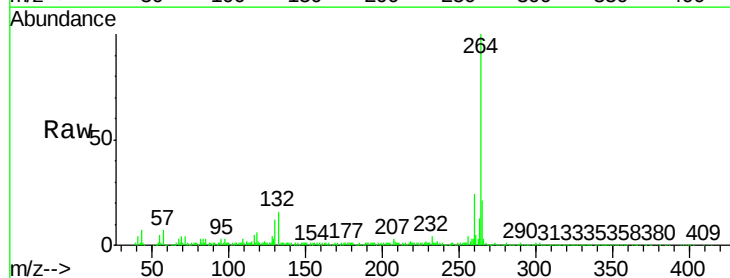
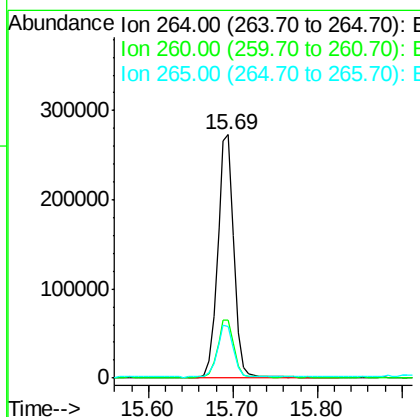
Manual Integrations
APPROVED

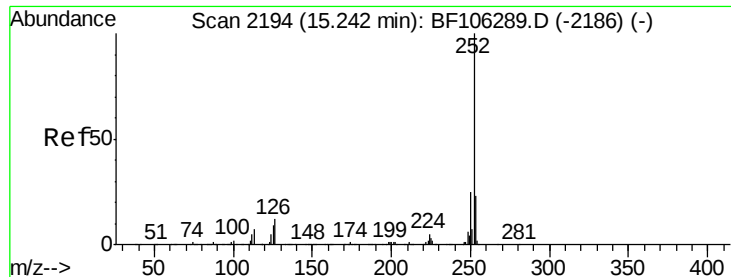
Sohil
6/14/2018 2:47:45 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106397.D
Acq: 13 Jun 2018 17:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 2.509 ng/mL

RT: 15.23 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF106397.D

Acq: 13 Jun 2018 17:59

Instrument :

BNA_F

ClientSampleId :

SU-03-061118

Tot Ion: 252 Resp: 55248

Ion Ratio Lower Upper

252 100

253 33.4 17.0 25.6#

125 20.0 9.0 13.6#

Manual Integrations

APPROVED

Sohil

6/14/2018 2:47:45 PM

