

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107015.D
 Acq On : 30 Jun 2018 15:29
 Operator : JU/SJ
 Sample : J3629-06 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C10-01

Manual Integrations
 APPROVED

Sohil
 7/2/2018 12:30:09 PM

Quant Time: Jul 02 11:20:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59461	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	215478	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	90841	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	183373	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	214264	20.00	ng	-0.02
86) Perylene-d12	15.69	264	141346	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	17801	5.07	ng	0.00
7) Phenol-d6	6.60	99	20572	4.69	ng	-0.01
23) Nitrobenzene-d5	7.52	82	11018	2.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	4598	4.37	ng	-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.07	244	34619	3.91	ng	-0.02
Target Compounds						
25) Isophorone	7.52	82	11018	1.613	ng	# 64
74) Fluoranthene	12.71	202	18826	1.931	ng	96
77) Pyrene	12.94	202	16482	1.167	ng	97
82) Chrysene	14.17	228	13210	1.100	ng	# 95
87) Benzo(b)fluoranthene	15.23	252	17852m	2.033	ng	
89) Benzo(a)pyrene	15.62	252	13578	1.740	ng	# 92
91) Benzo(g,h,i)perylene	17.75	276	8932	1.381	ng	# 88

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

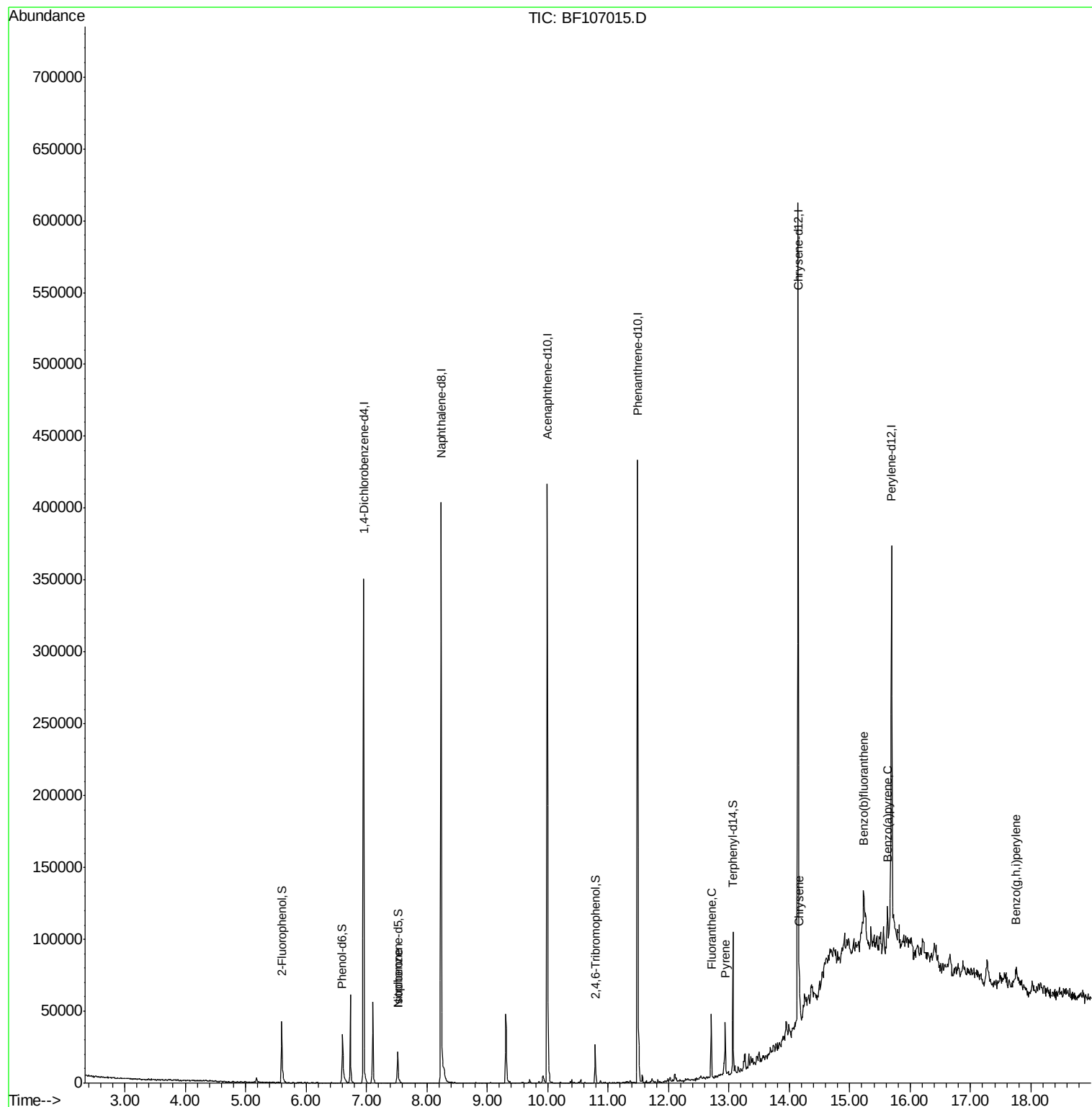
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

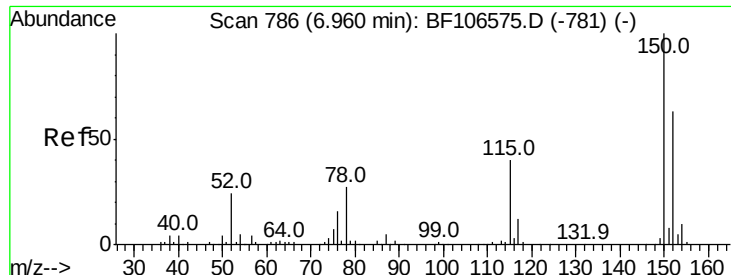
Instrument :
BNA_F
ClientSampleId :
A0C10-01

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Quant Time: Jul 02 11:20:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

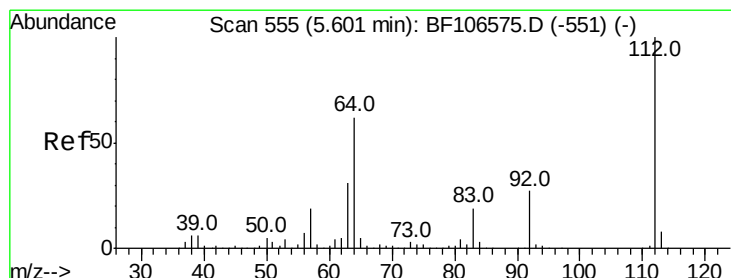
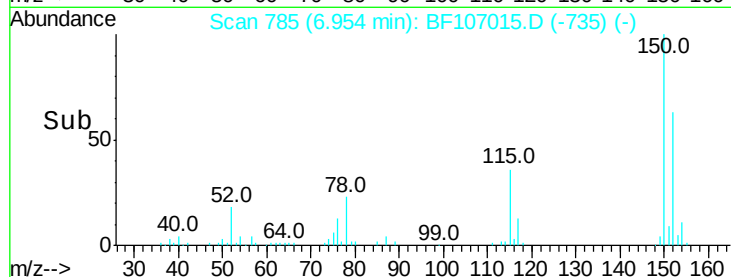
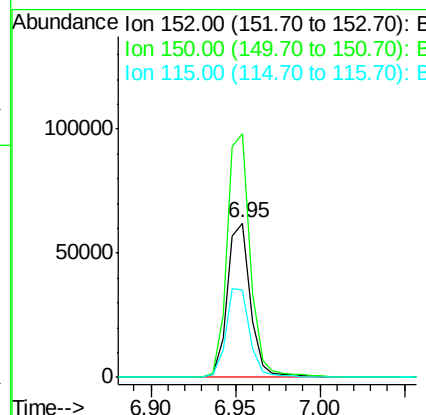
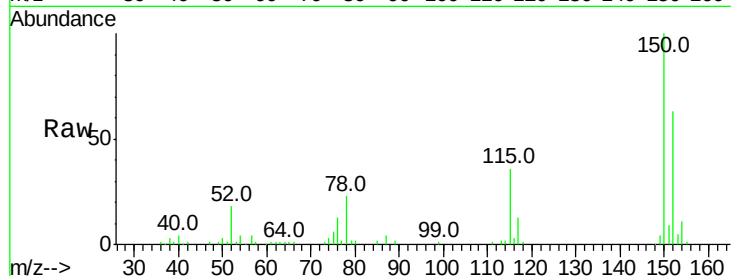
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	56.4	50.1	75.1

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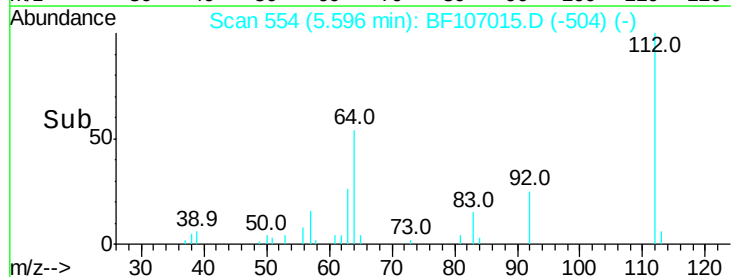
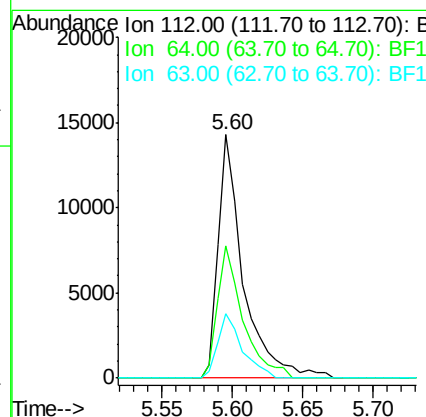
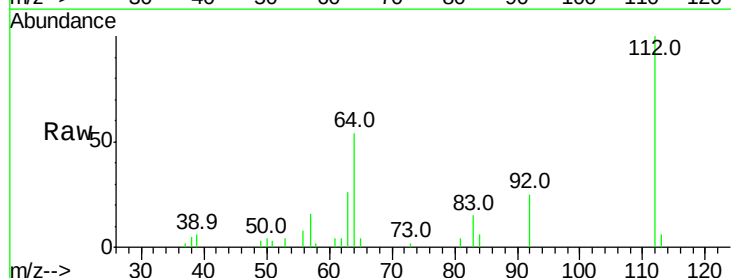
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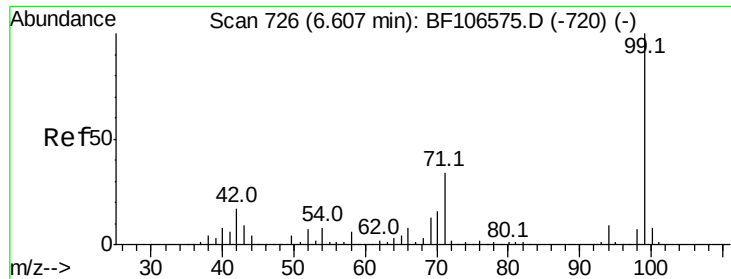


#5

2-Fluorophenol
Concen: 5.069 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.9	71.9
63	26.3	23.7	35.5





#7

Phenol-d6

Concen: 4.691 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Instrument :

BNA_F

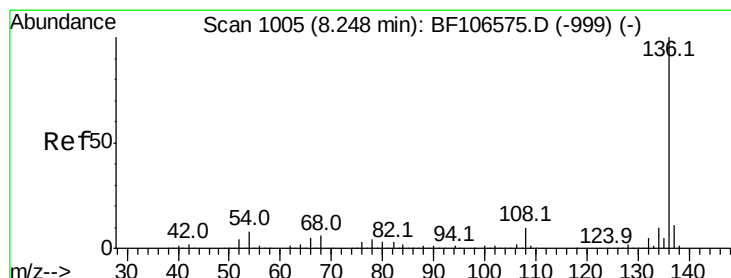
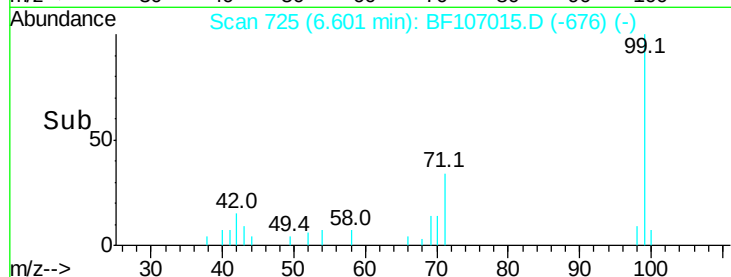
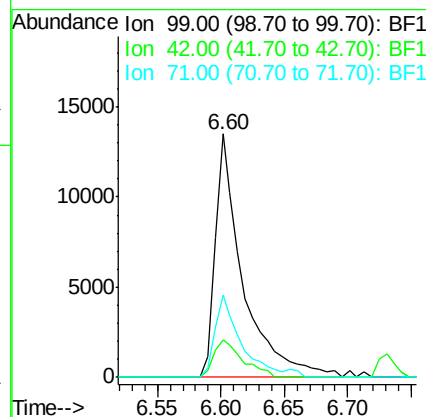
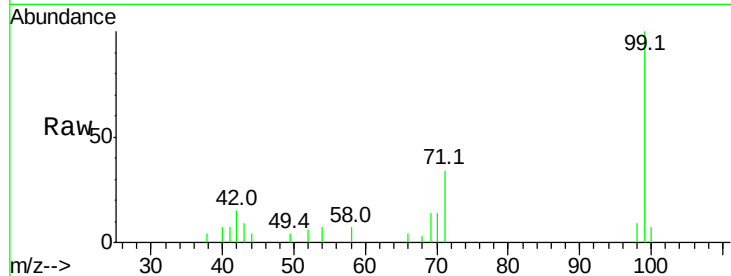
ClientSampleId :

A0C10-01

Tot Ion:	99	Resp:	20572
Ion Ratio	Lower	Upper	
99	100		
42	15.4	14.5	21.7
71	34.0	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

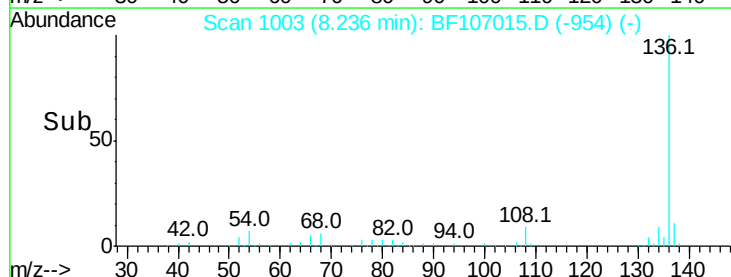
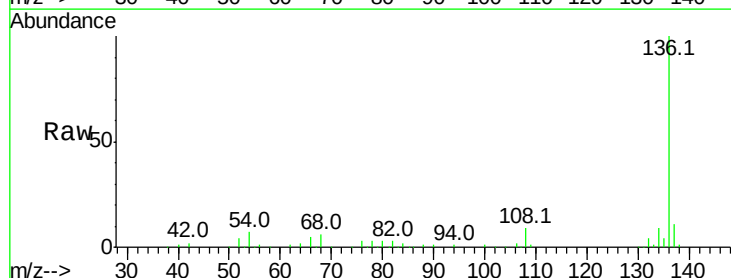
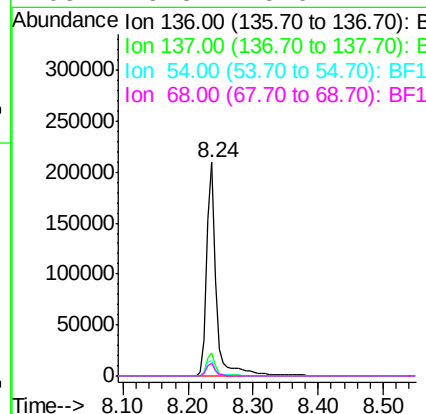
RT: 8.24 min Scan# 1003

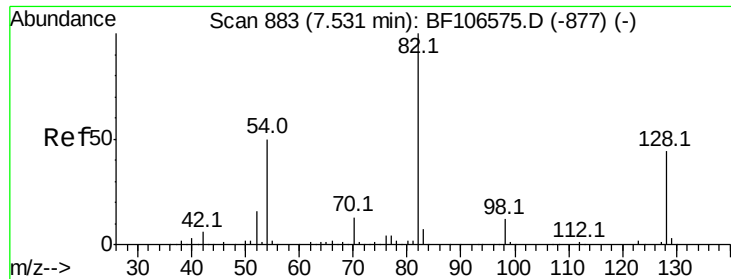
Delta R.T. -0.01 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Tgt Ion:	136	Resp:	215478
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	7.5	6.6	9.8
68	5.8	5.0	7.4





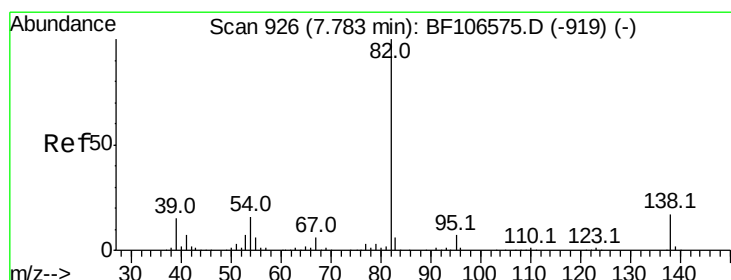
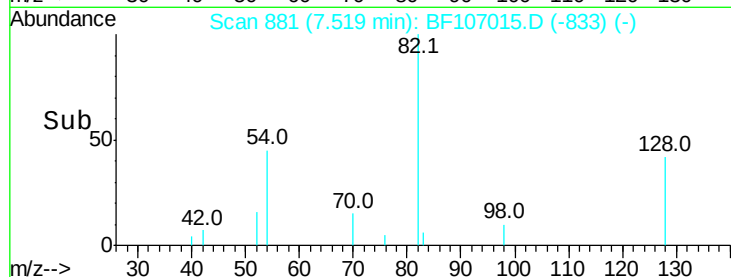
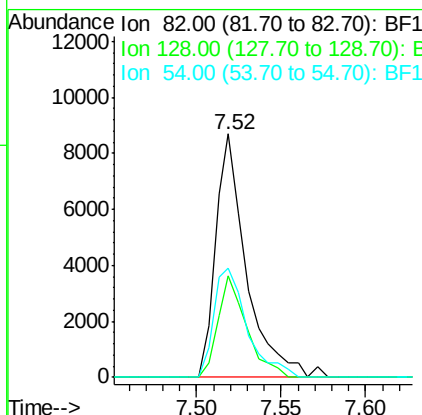
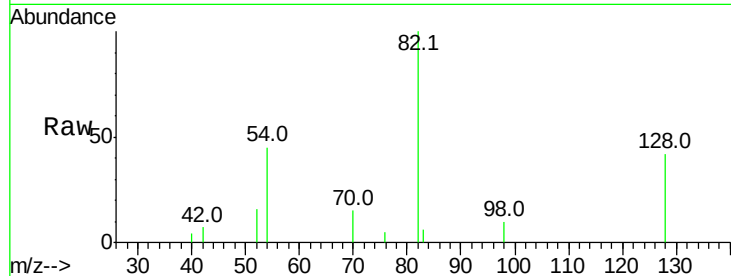
#23
Nitrobenzene-d5
Concen: 2.842 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.1	54.1
54	45.1	41.4	62.2

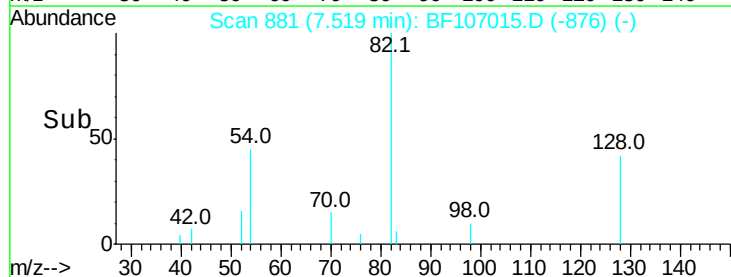
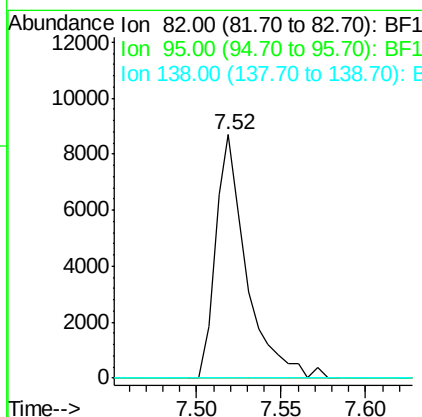
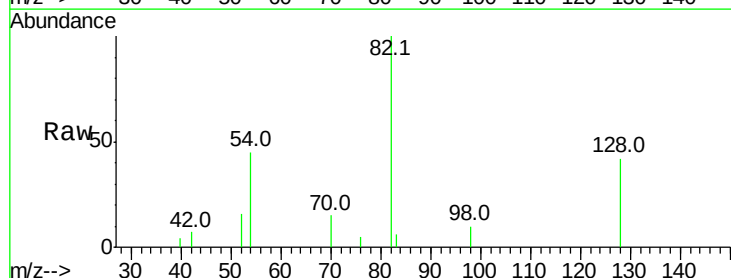
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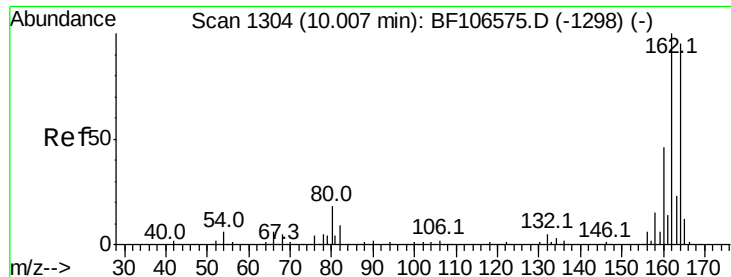
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#25
Isophorone
Concen: 1.613 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Instrument :

BNA_F

ClientSampleId :

A0C10-01

Tot Ion:164 Resp: 90841

Ion Ratio Lower Upper

164 100

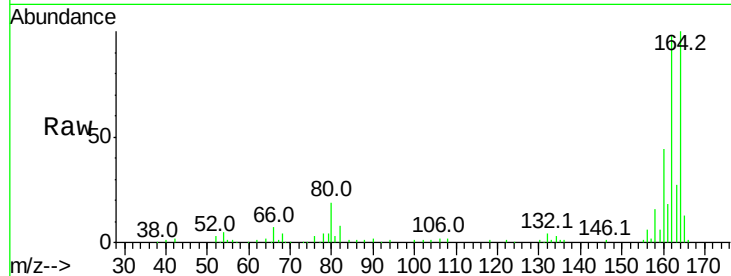
162 98.2 86.1 129.1

160 44.4 38.3 57.5

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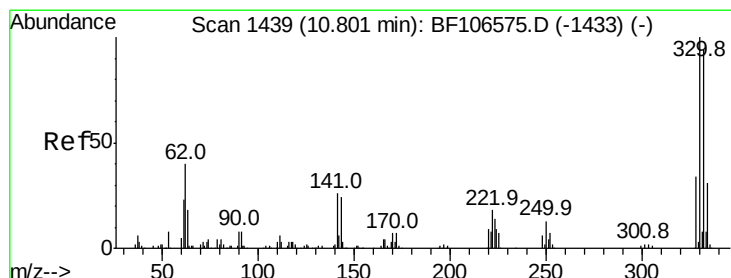
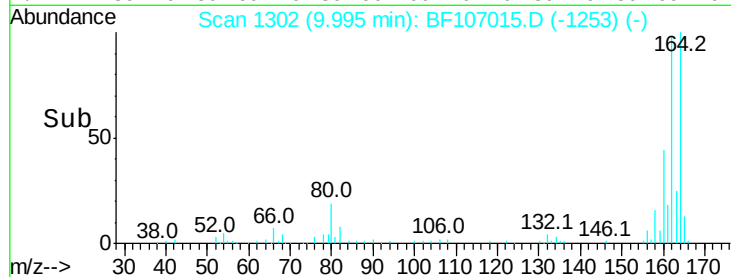
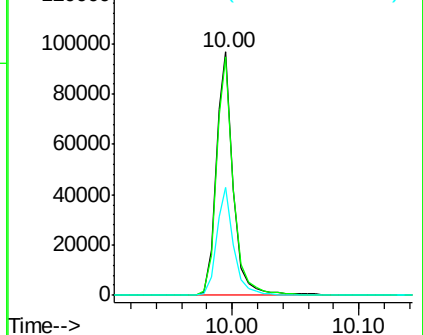
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 4.367 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Tgt Ion:330 Resp: 4598

Ion Ratio Lower Upper

330 100

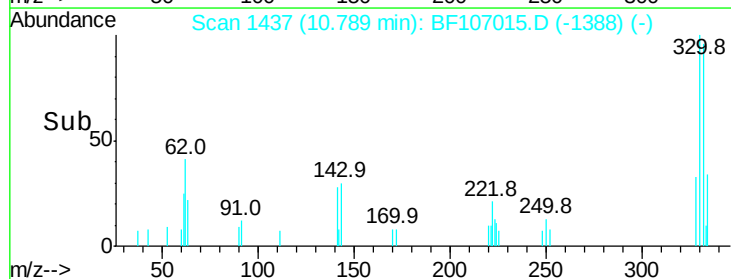
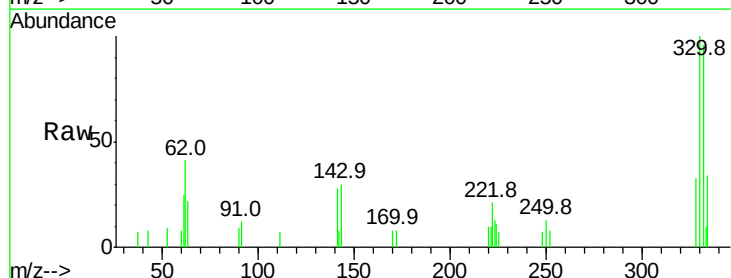
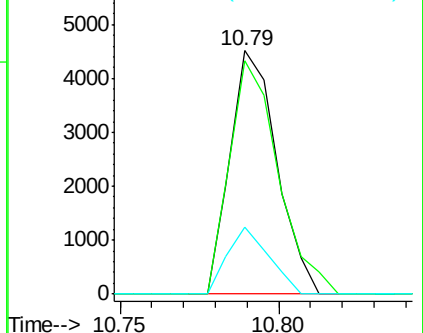
332 99.7 77.0 115.6

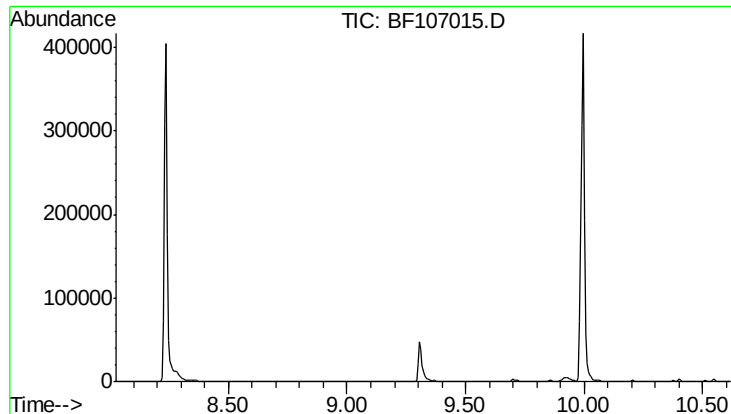
141 24.4 29.9 44.9#

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





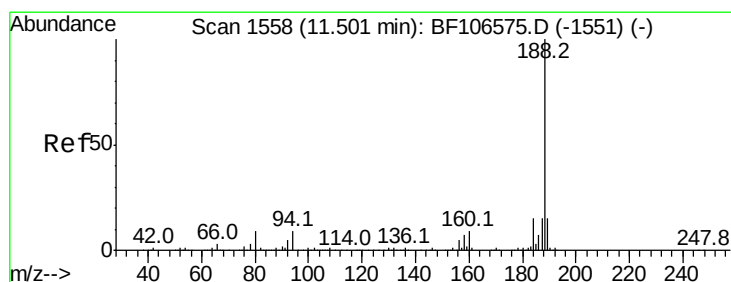
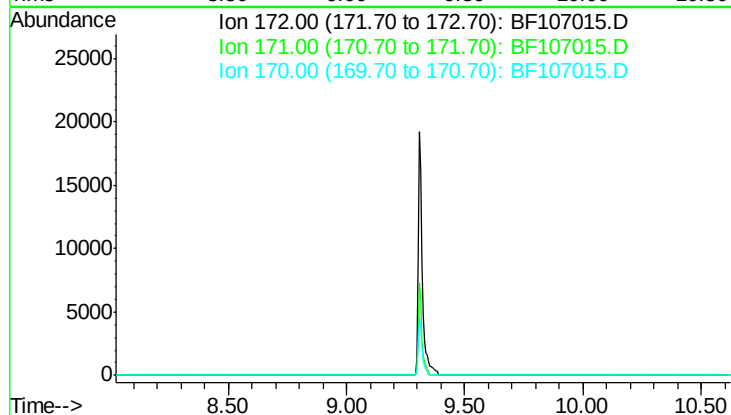
#44
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.32 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tot Ion	172
Sig	Exp Ratio
172	100
171	37.1
170	24.5

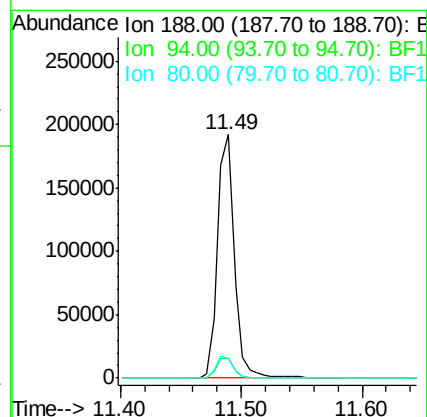
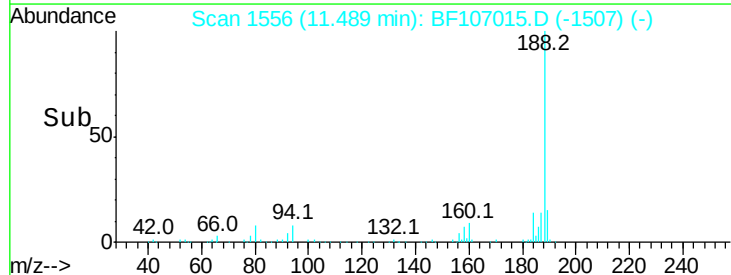
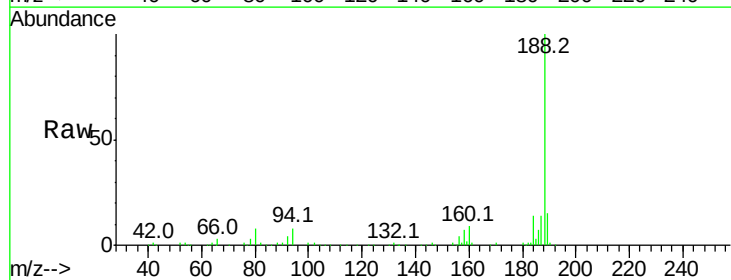
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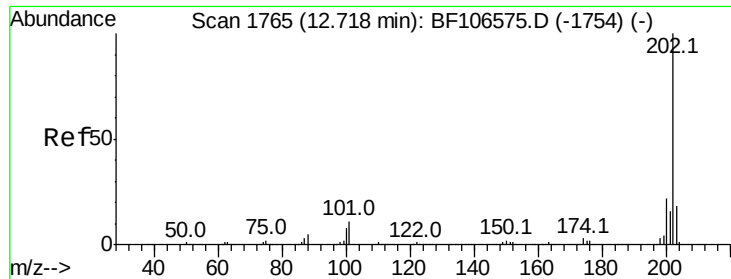
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Tgt Ion	188	Resp	183373
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.5	12.7#
80	8.0	9.2	13.8#





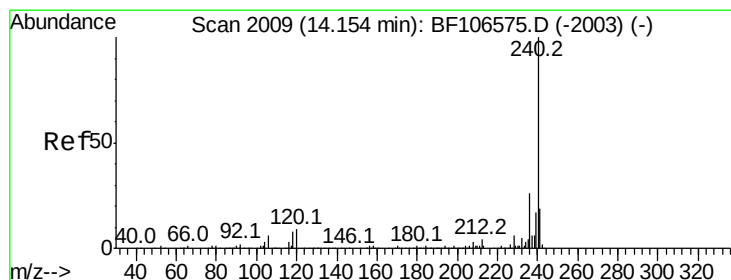
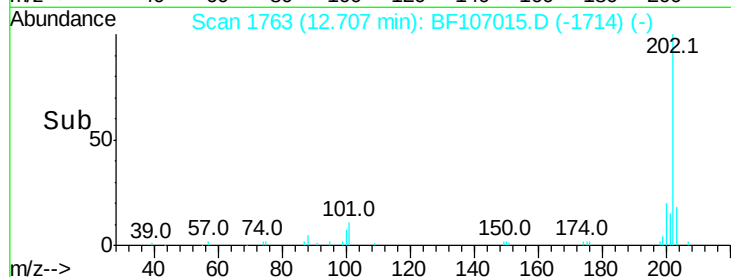
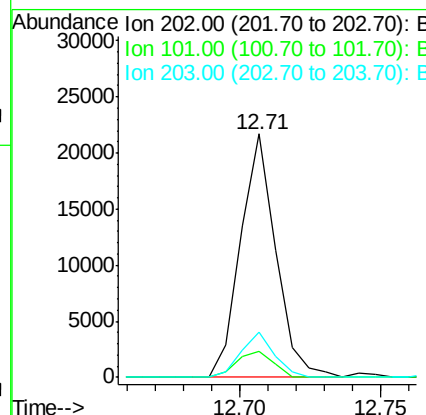
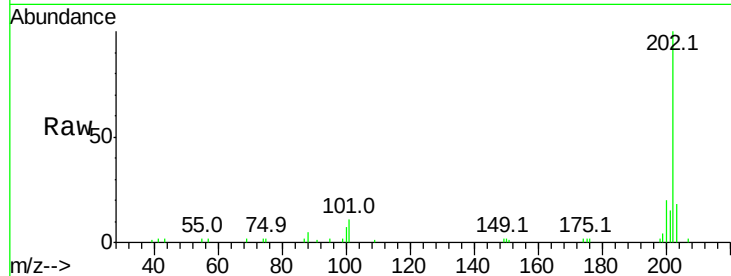
#74
Fluoranthene
Concen: 1.931 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	34.1
203	18.4	0.0	38.1

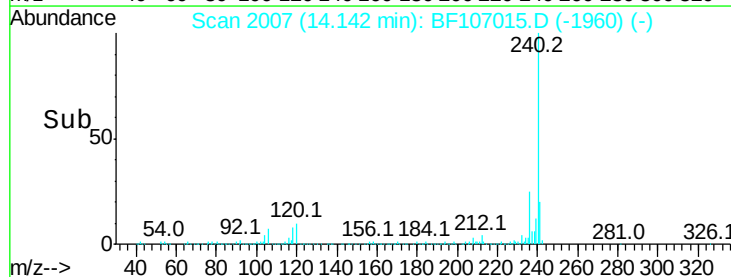
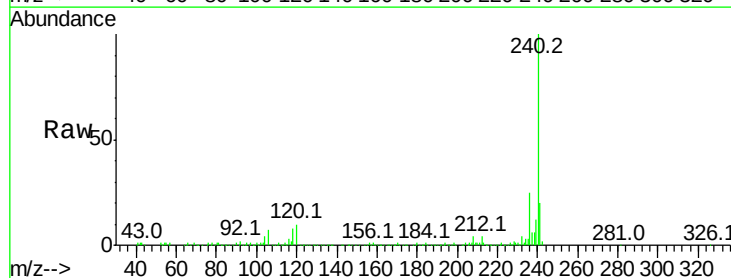
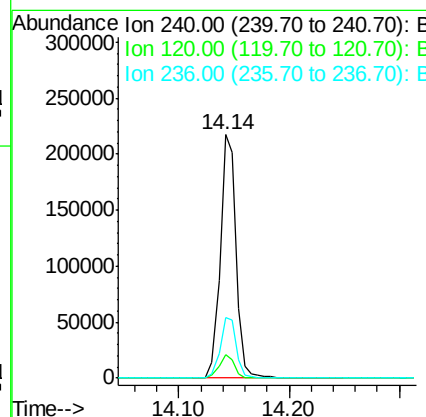
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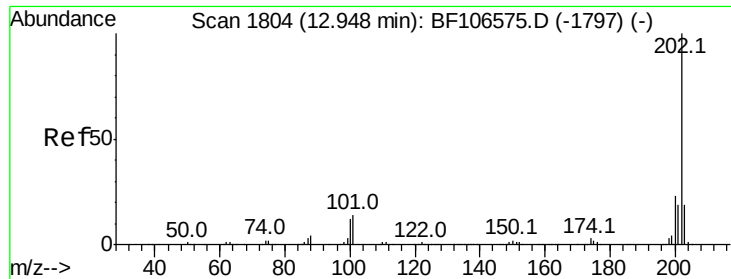
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	9.5	14.3
236	25.1	20.7	31.1





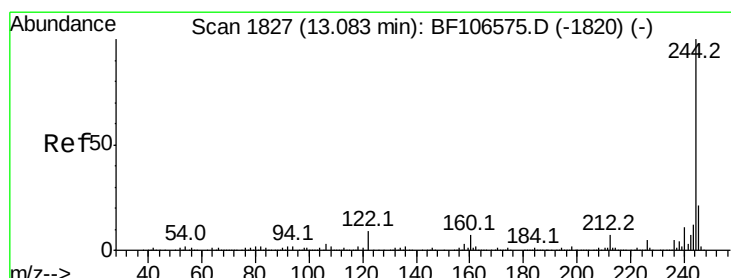
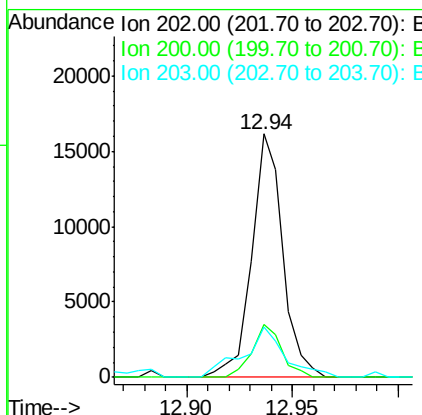
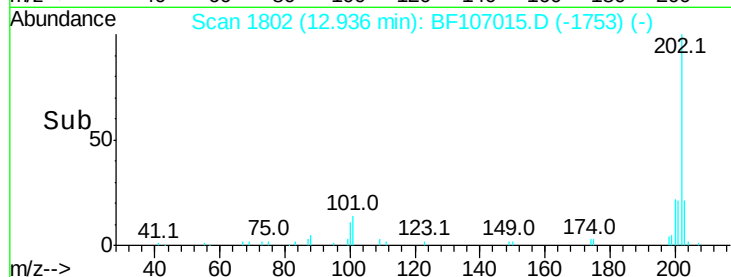
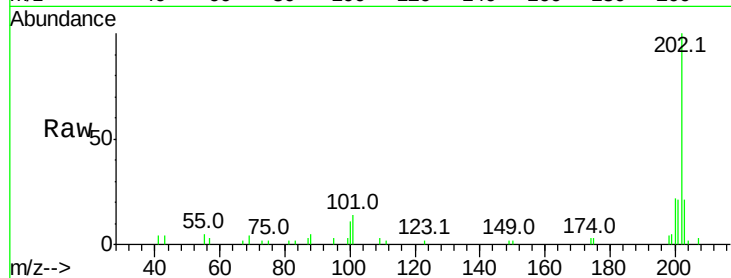
#77
Pvrene
Concen: 1.167 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Instrument :
BNA_F
ClientSampleId :
A0C10-01

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	20.9	14.3	21.5

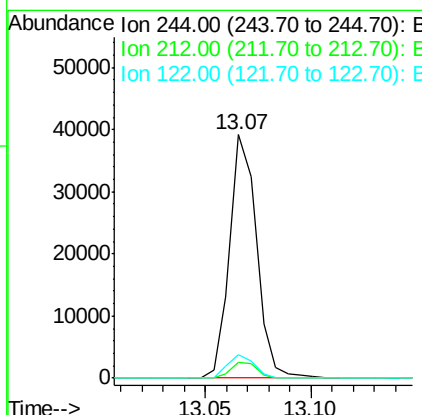
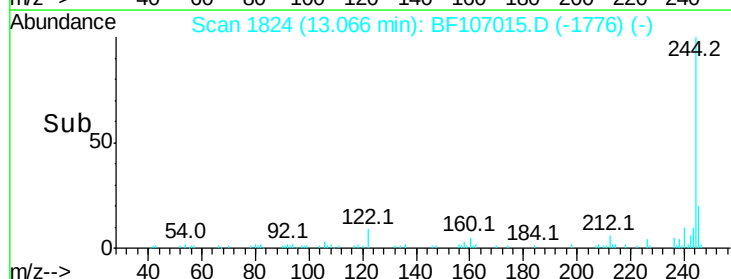
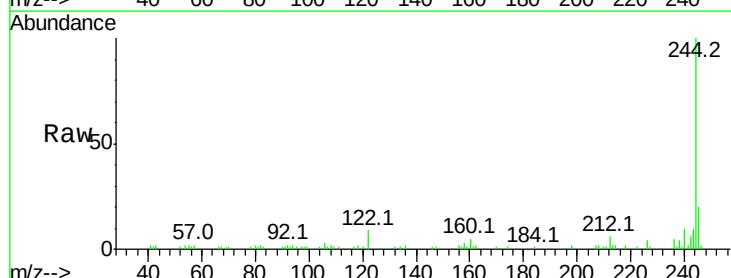
Manual Integrations
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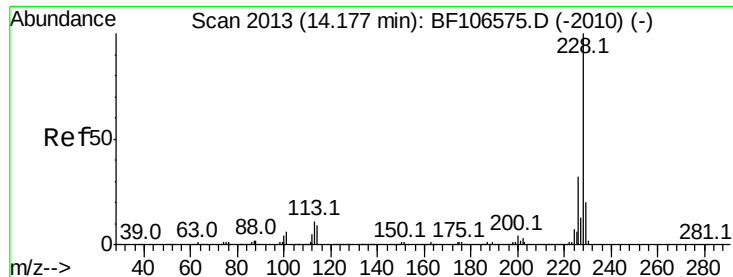
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#78
Terphenyl-d14
Concen: 3.914 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.4	11.0	16.4#





#82

Chrysene

Concen: 1.100 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Instrument :

BNA_F

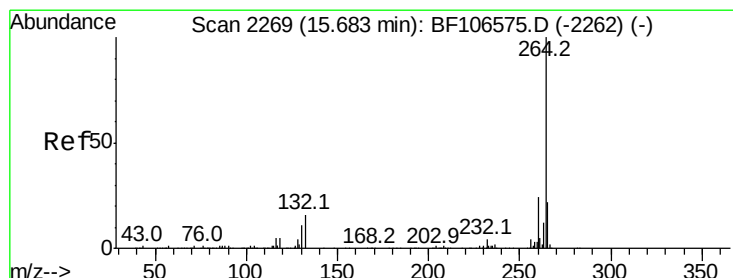
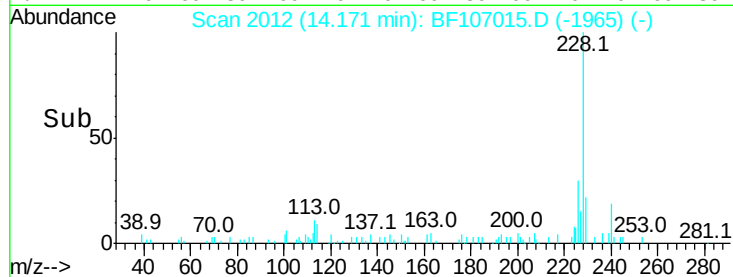
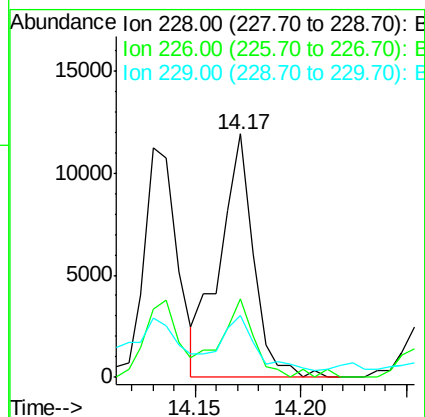
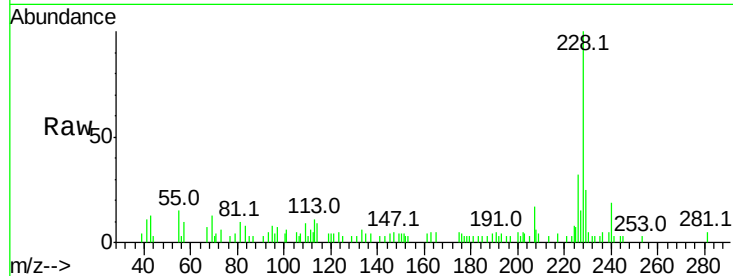
ClientSampleId :

A0C10-01

Tot Ion:	228	Resp:	13210
Ion Ratio	Lower	Upper	
228	100		
226	32.2	25.0	37.6
229	25.4	16.2	24.4

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#86

Perylene-d12

Concen: 20.000 ng

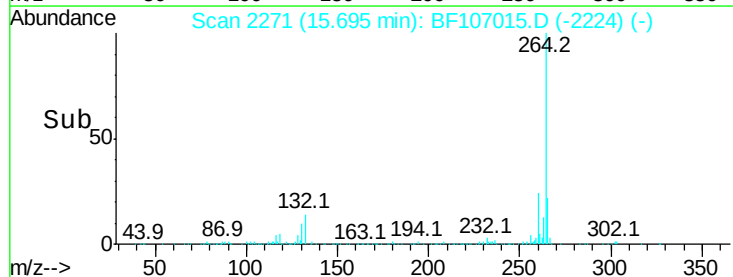
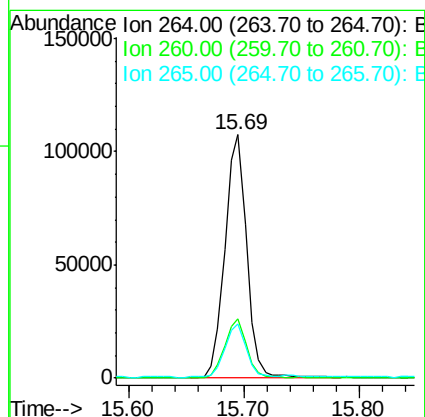
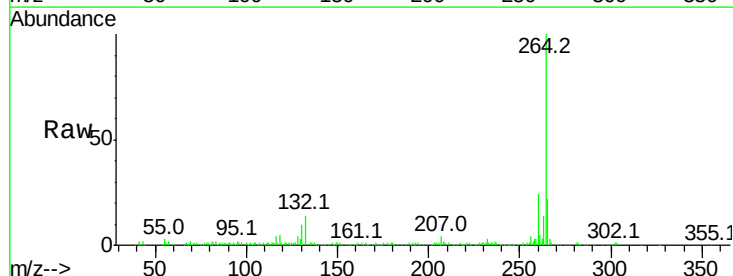
RT: 15.69 min Scan# 2271

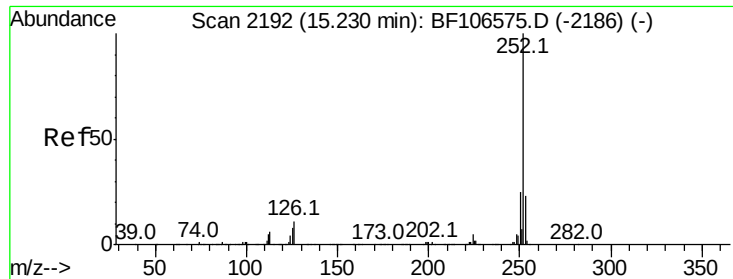
Delta R.T. -0.02 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Tgt Ion:	264	Resp:	141346
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3





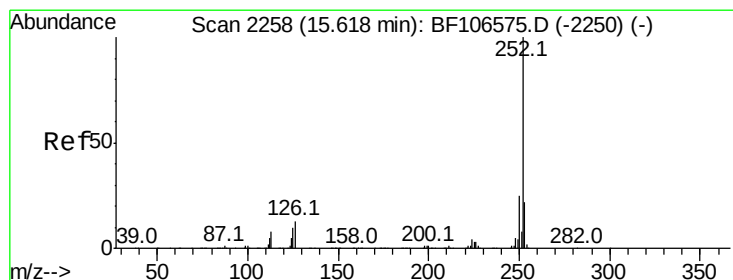
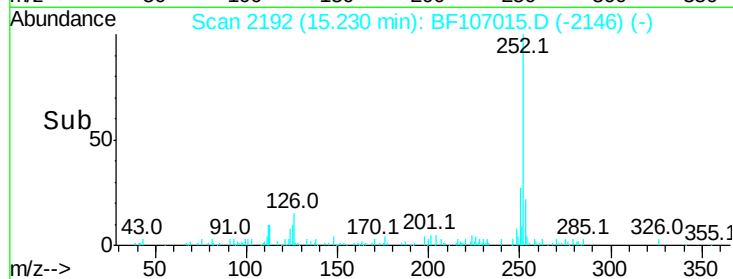
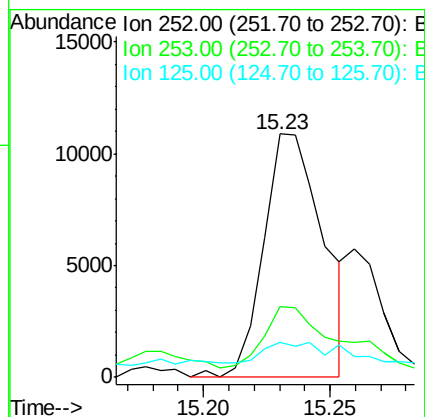
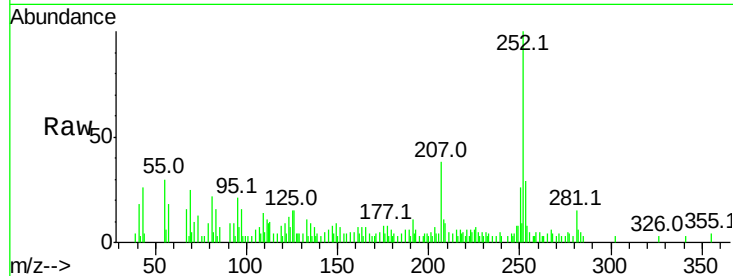
#87
Benzo(b)fluoranthene
Concen: 2.033 ng m
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Instrument :
BNA_F
ClientSampled :
A0C10-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.0	25.6#
125	14.6	9.0	13.6#

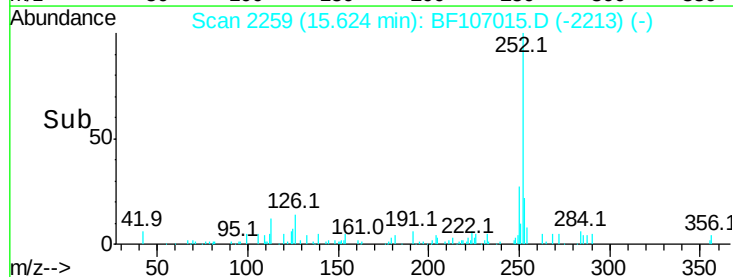
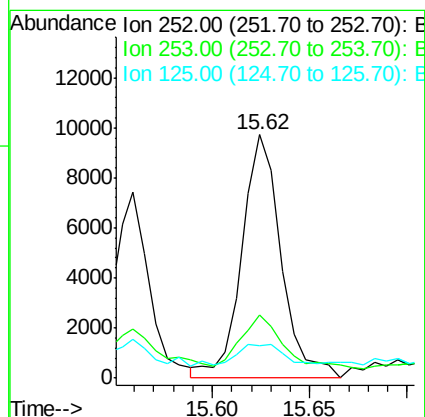
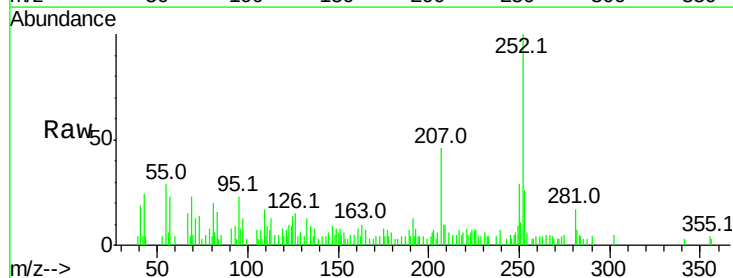
Manual Integrations
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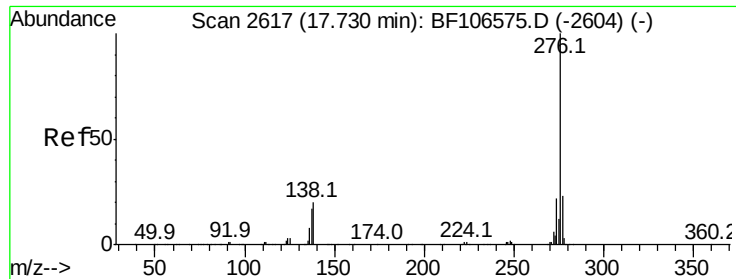
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#89
Benzo(a)pyrene
Concen: 1.740 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.03 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.1	25.7#
125	13.5	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 1.381 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.04 min
 Lab File: BF107015.D
 Acq: 30 Jun 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :
 A0C10-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	30.9	17.9	26.9#
138	23.3	21.8	32.8

Manual Integrations
 APPROVED

Sohil
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