

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107445.D
 Acq On : 17 Jul 2018 13:21
 Operator : JU/SJ
 Sample : J3819-07 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-071318-D

Manual Integrations
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Sohil
 7/18/2018 10:43:53 AM

Quant Time: Jul 17 15:04:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	117068	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	482437	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	244341	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	509213	20.00	ng	0.00
75) Chrysene-d12	14.17	240	450171	20.00	ng	0.00
86) Perylene-d12	15.71	264	409966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	357610	46.39	ng	0.00
7) Phenol-d6	6.60	99	450598	45.21	ng	0.00
23) Nitrobenzene-d5	7.54	82	311501	34.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	105773	49.27	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	548415	30.47	ng	-0.01
78) Terphenyl-d14	13.10	244	641322	35.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	85965	4.428	ng	98
70) Phenanthrene	11.54	178	80465	3.171	ng	93
74) Fluoranthene	12.74	202	110635	3.836	ng	89
77) Pyrene	12.97	202	101924	3.329	ng	98

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

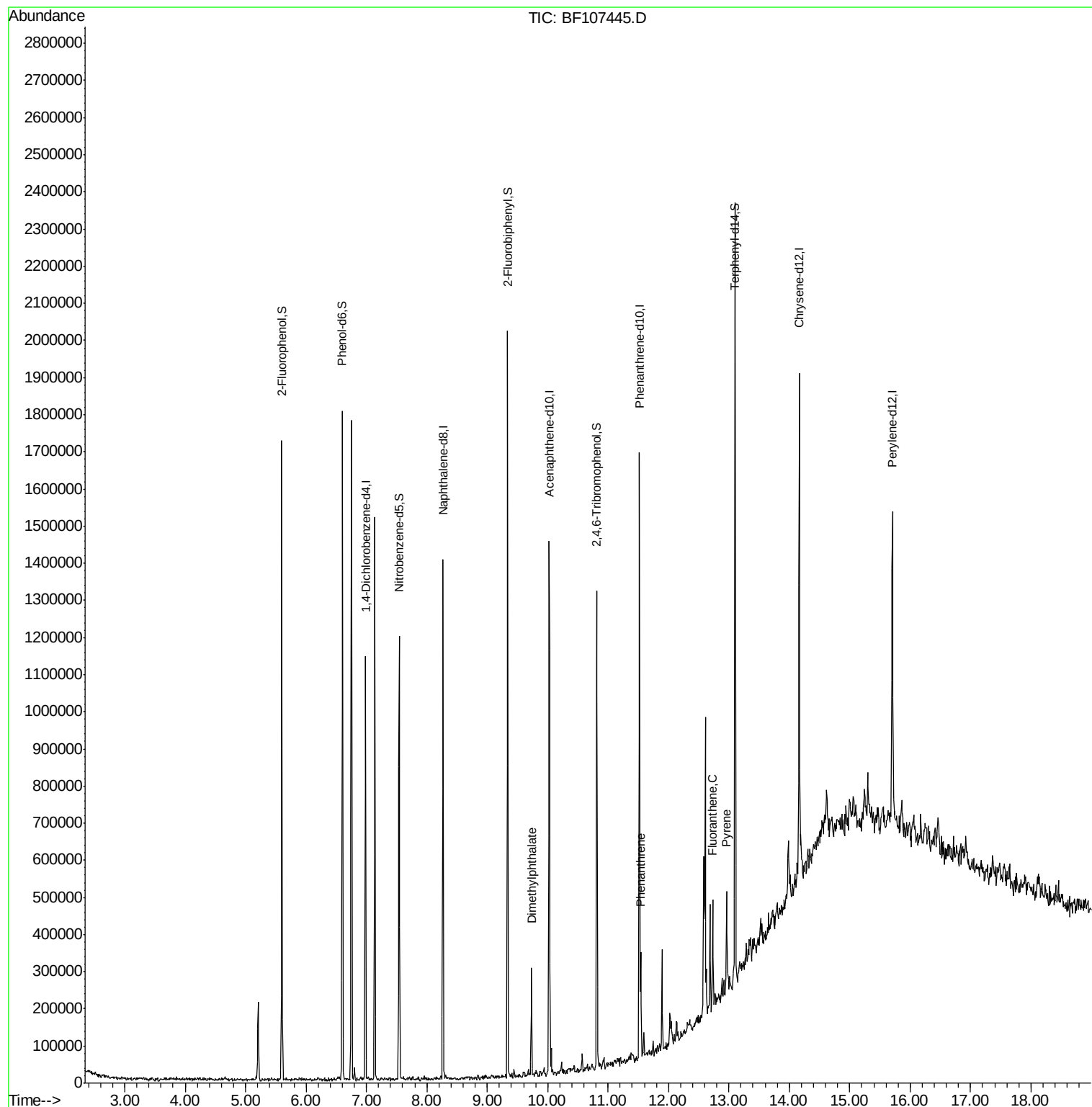
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107445.D
Acq On : 17 Jul 2018 13:21
Operator : JU/SJ
Sample : J3819-07 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

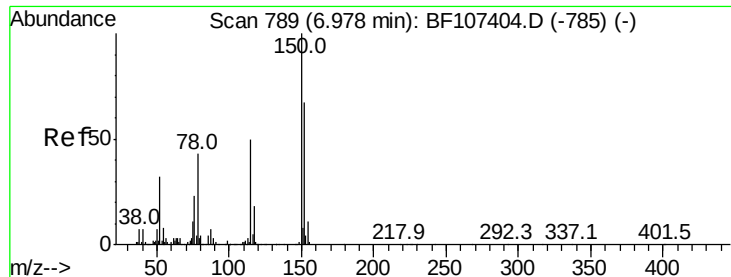
Instrument :
BNA_F
ClientSampleId :
AU-05-071318-D

Quant Time: Jul 17 15:04:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 17 11:29:08 2018
Response via : Initial Calibration

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#1

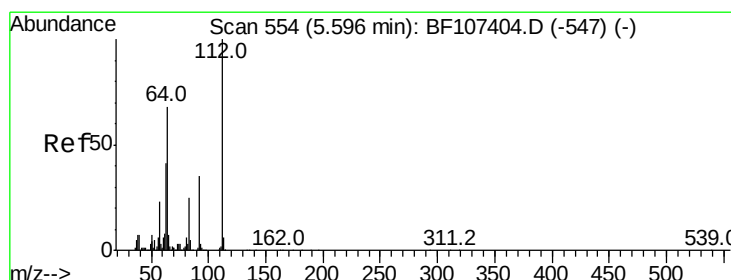
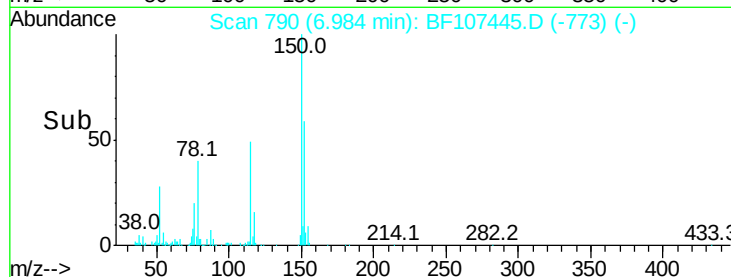
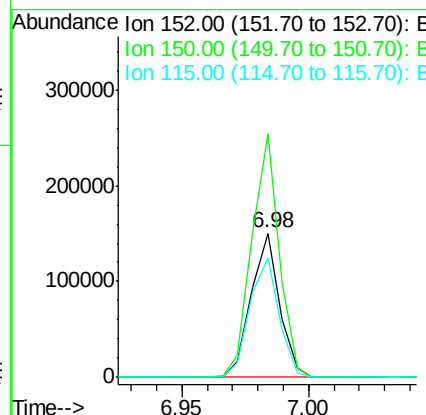
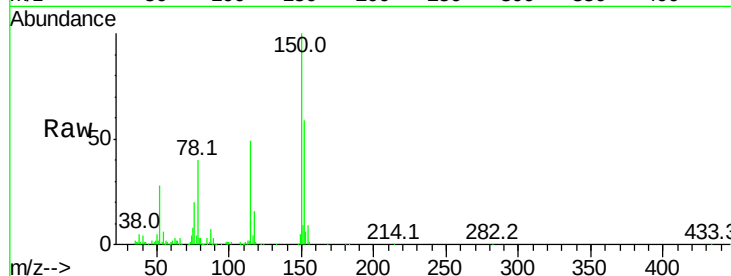
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107445.D
Acq: 17 Jul 2018 13:21

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	169.2	124.6	186.8
115	83.0	50.1	75.1#

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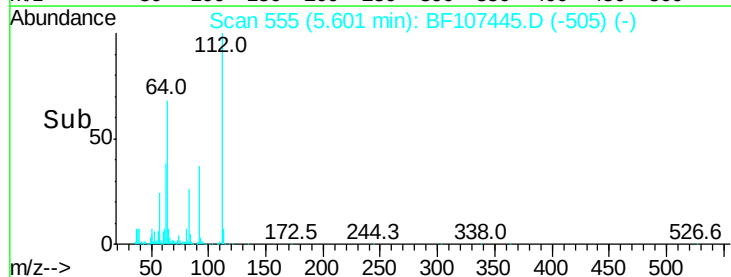
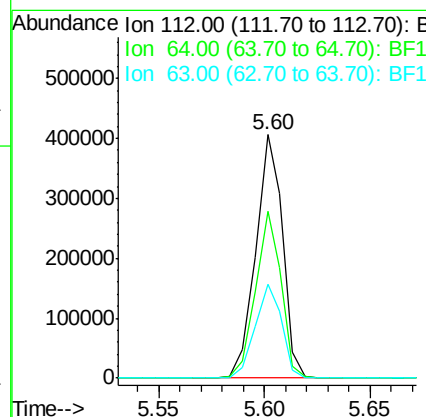
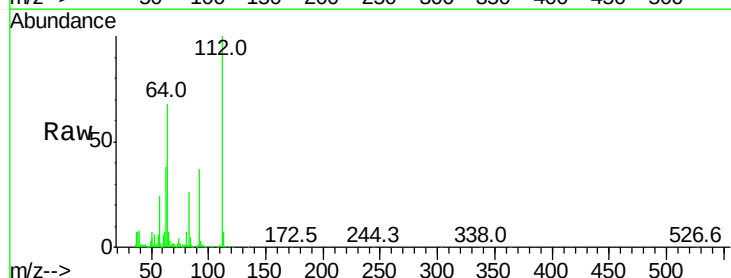
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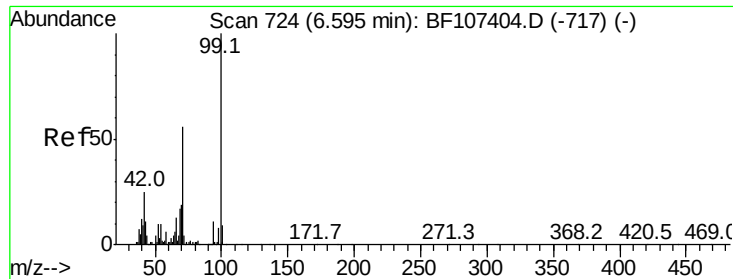


#5

2-Fluorophenol
Concen: 46.393 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107445.D
Acq: 17 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	38.5	23.7	35.5#





#7

Phenol-d6

Concen: 45.214 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-D

Tot Ion: 99 Resp: 450598

Ion Ratio Lower Upper

99 100

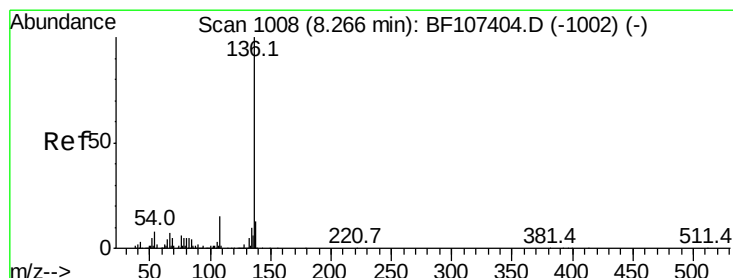
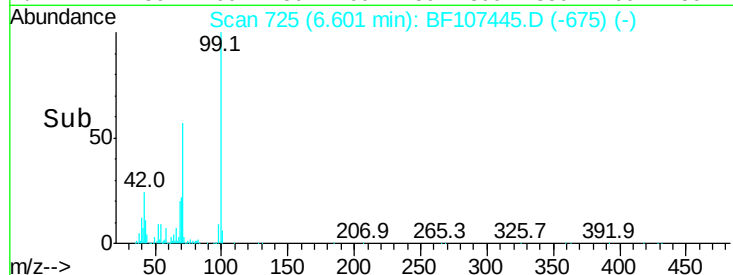
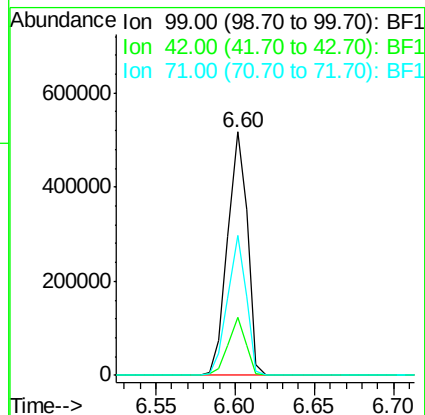
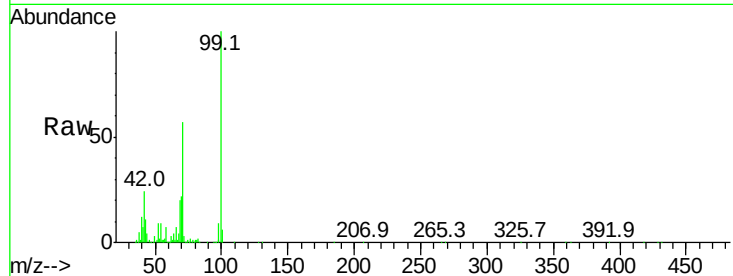
42 24.0 14.5 21.7#

71 57.4 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Tgt Ion: 136 Resp: 482437

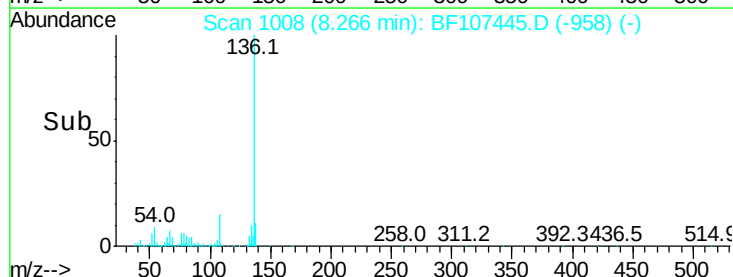
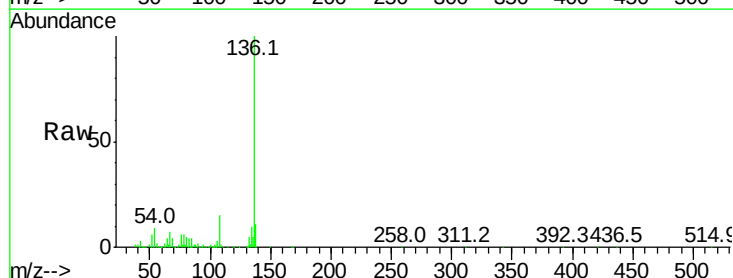
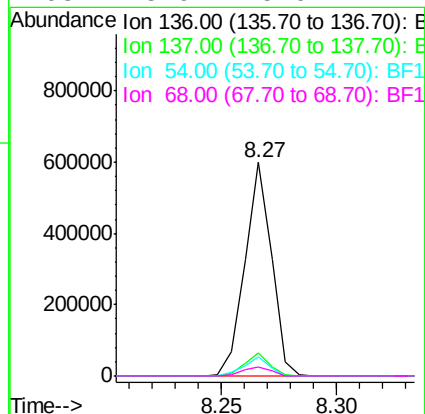
Ion Ratio Lower Upper

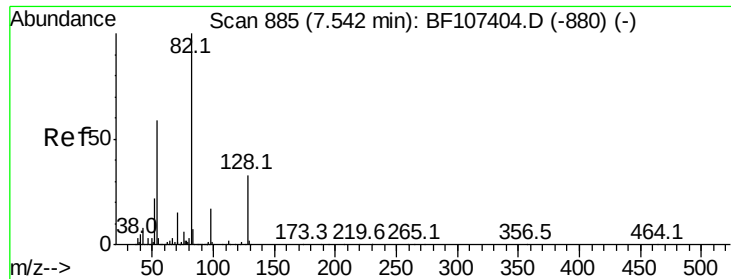
136 100

137 11.0 8.9 13.3

54 8.9 6.6 9.8

68 3.9 5.0 7.4#





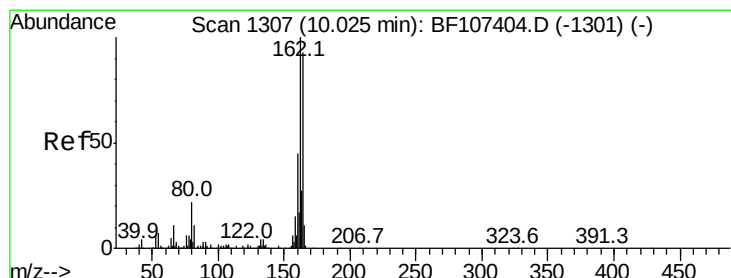
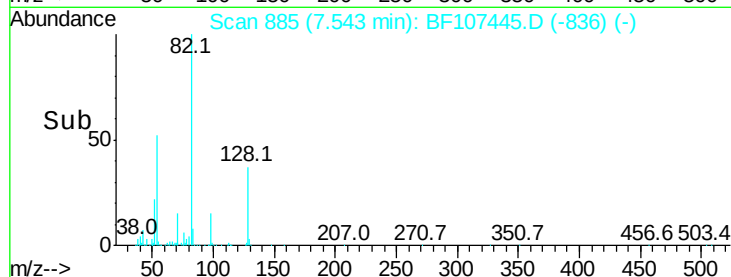
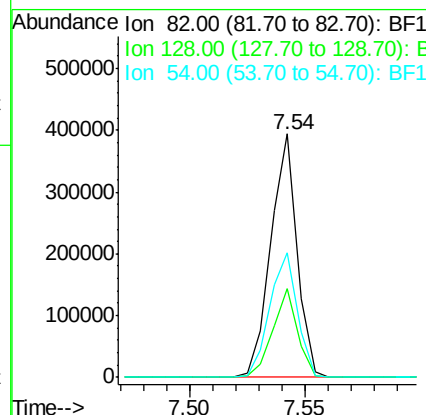
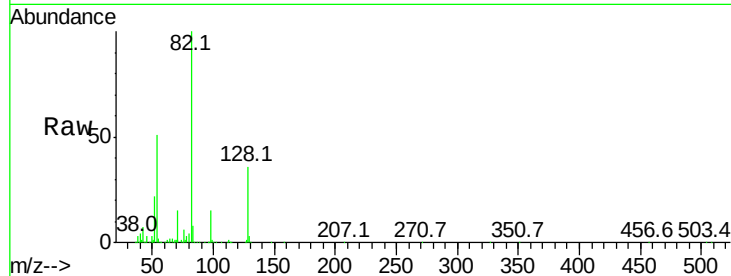
#23
 Nitrobenzene-d5
 Concen: 34.430 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

Instrument :
 BNA_F
 ClientSampleID :
 AU-05-071318-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	36.1	54.1
54	51.4	41.4	62.2

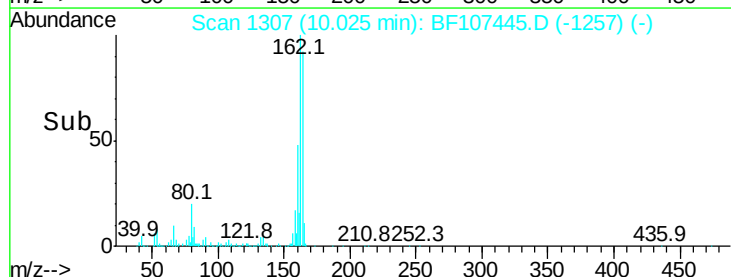
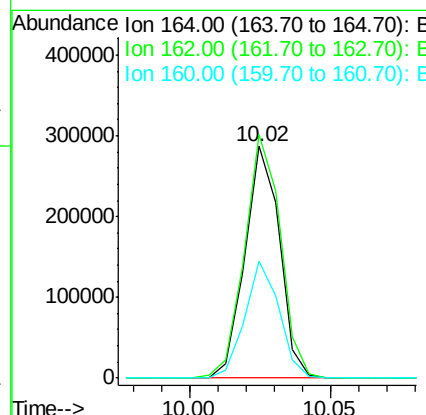
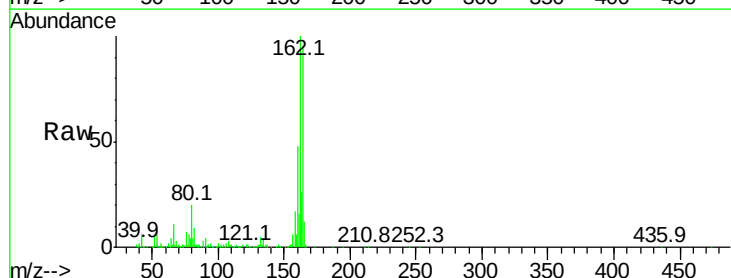
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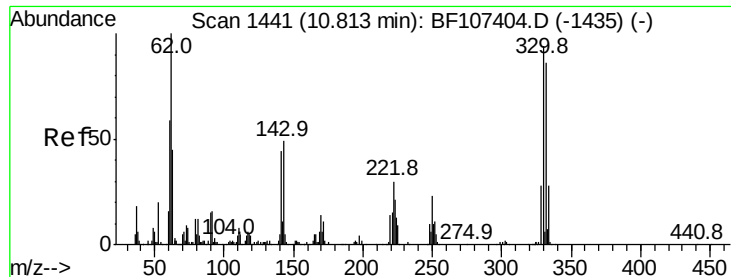
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	50.7	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 49.270 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Instrument :

BNA_F

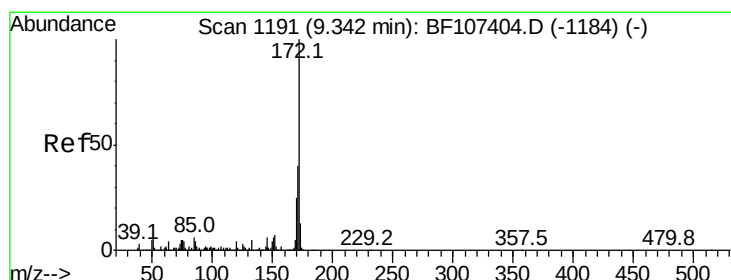
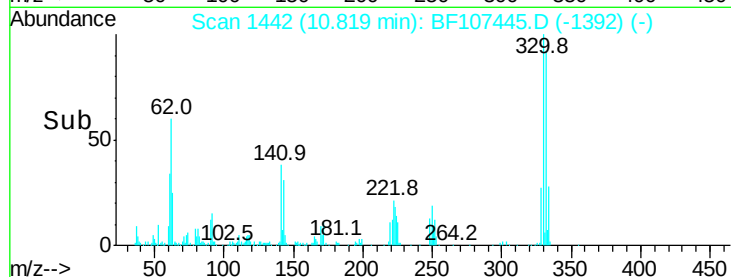
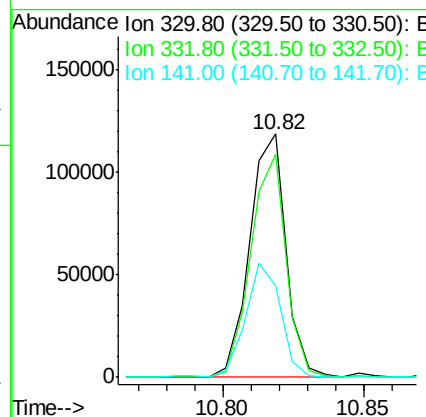
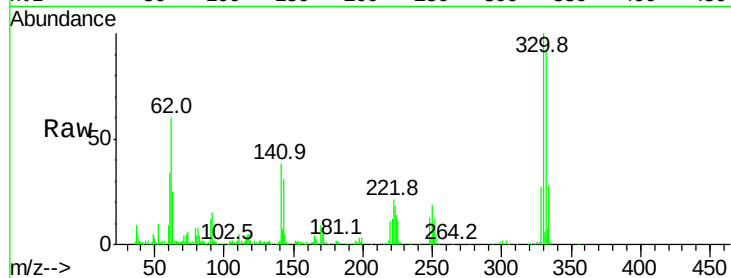
ClientSampleId :

AU-05-071318-D

Tot Ion:	330	Resp:	105773
Ion Ratio	Lower	Upper	
330	100		
332	89.2	77.0	115.6
141	46.0	29.9	44.9#

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#44

2-Fluorobiphenyl

Concen: 30.469 ng

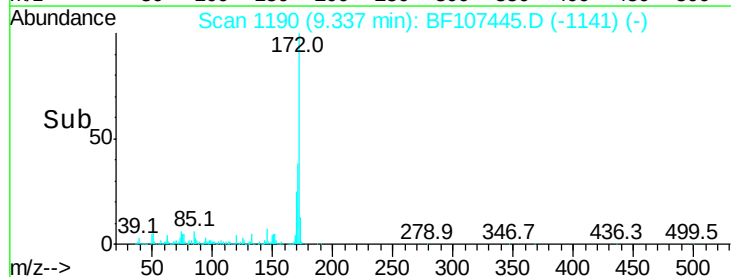
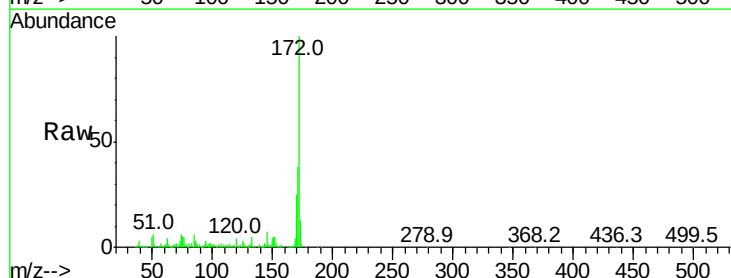
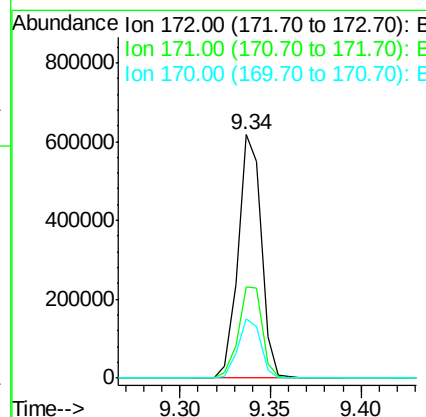
RT: 9.34 min Scan# 1190

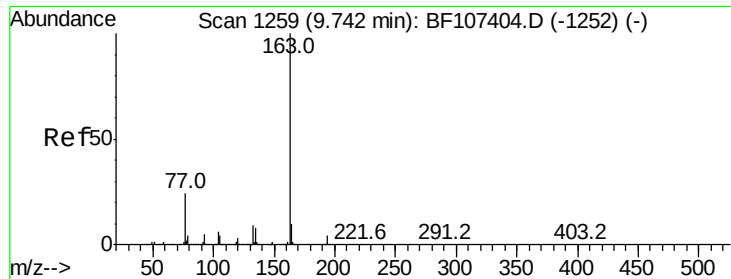
Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Tgt Ion:	172	Resp:	548415
Ion Ratio	Lower	Upper	
172	100		
171	37.5	29.7	44.5
170	24.5	19.6	29.4





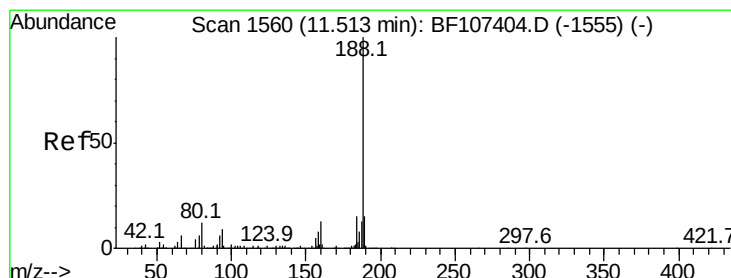
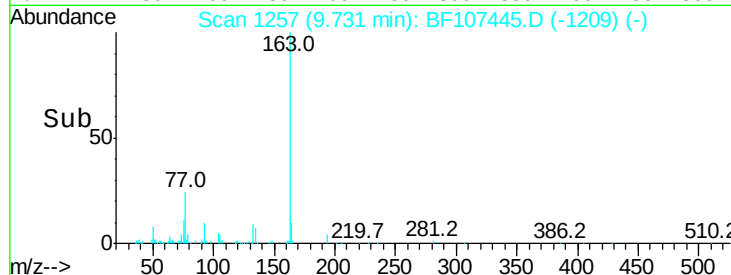
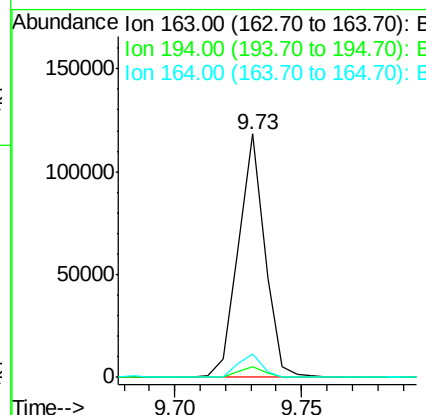
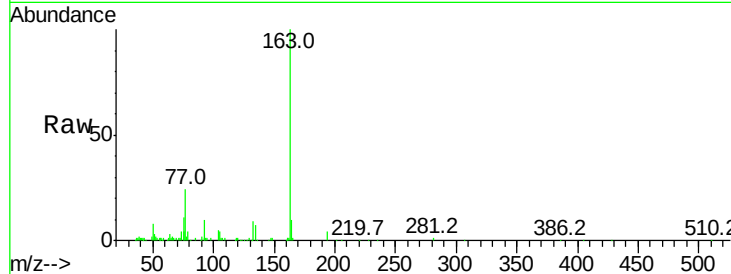
#49
Dimethylphthalate
Concen: 4.428 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107445.D
Acq: 17 Jul 2018 13:21

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-D

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	2.7	4.1#	
164	9.8	8.2	12.2	

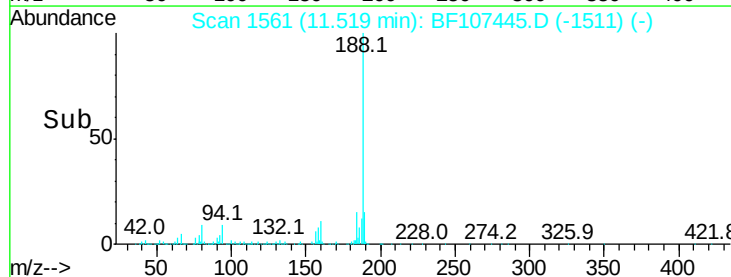
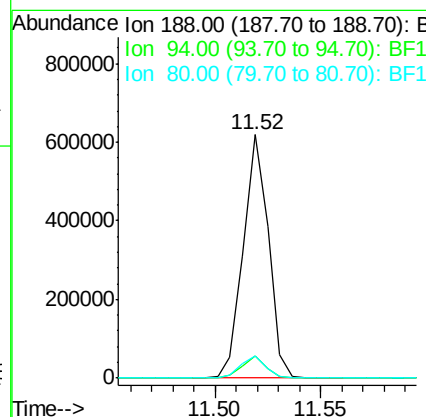
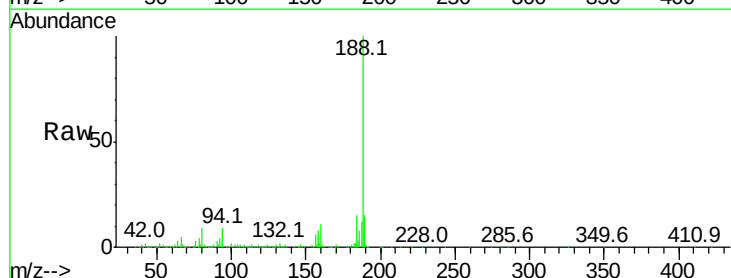
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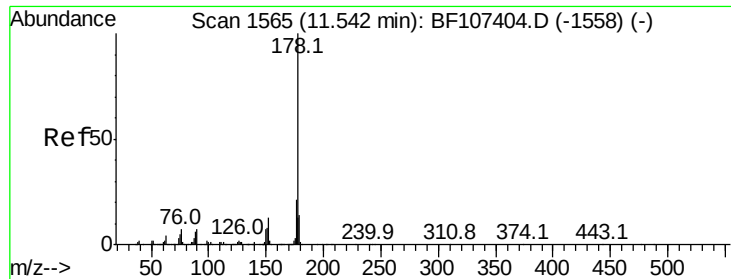
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107445.D
Acq: 17 Jul 2018 13:21

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





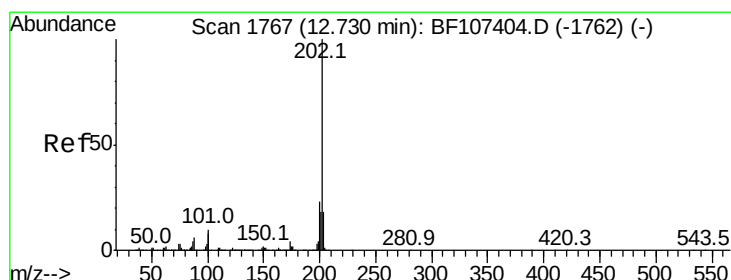
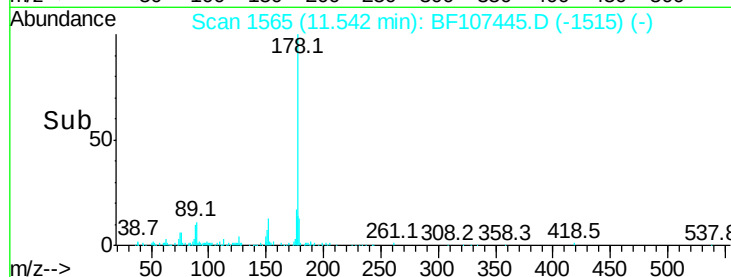
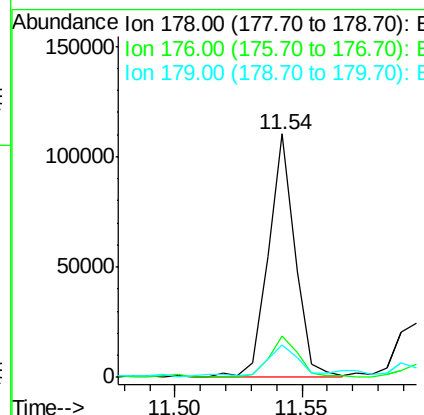
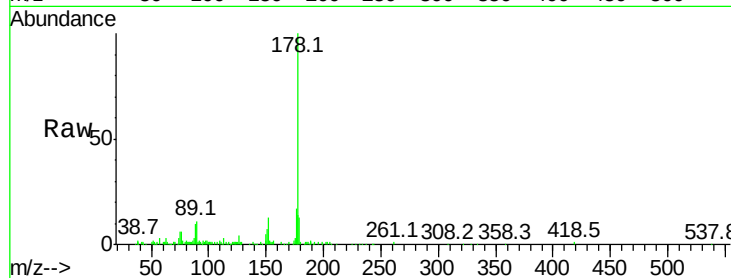
#70
Phenanthrene
Concen: 3.171 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF107445.D
Acq: 17 Jul 2018 13:21

Instrument :
BNA_F
ClientSampleId :
AU-05-071318-D

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.8	23.8
179	13.1	13.0	19.6

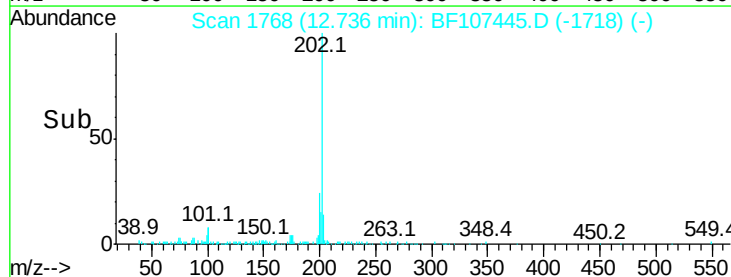
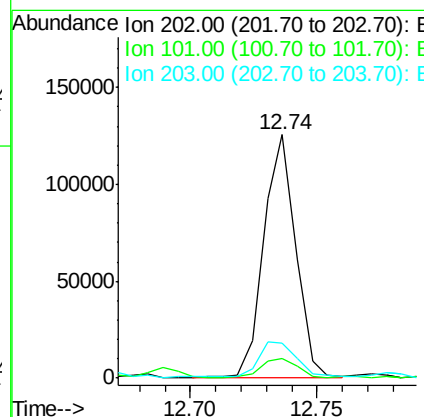
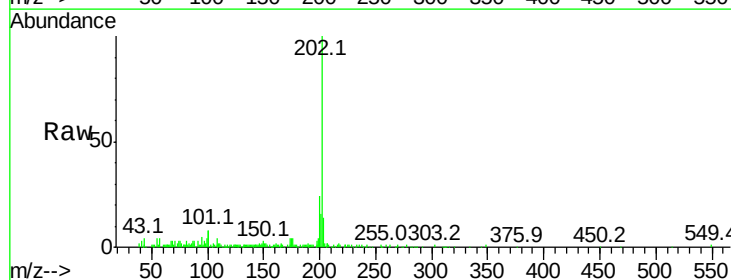
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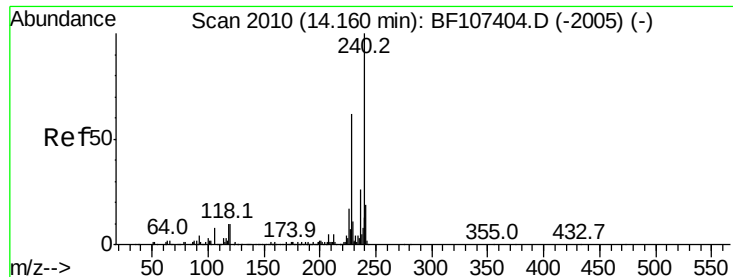
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#74
Fluoranthene
Concen: 3.836 ng
RT: 12.74 min Scan# 1768
Delta R.T. -0.01 min
Lab File: BF107445.D
Acq: 17 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	34.1
203	14.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Instrument :

BNA_F

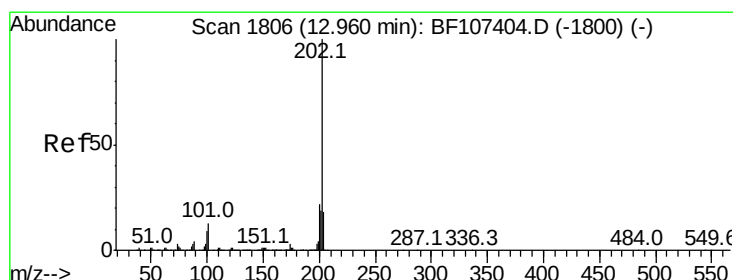
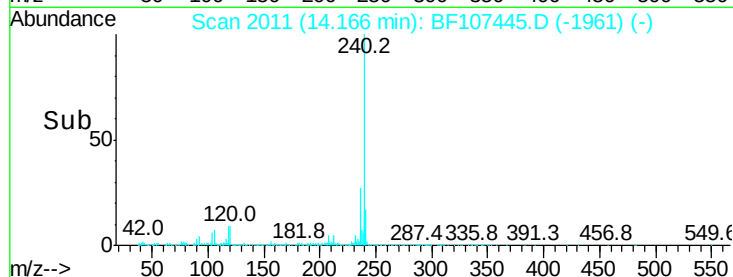
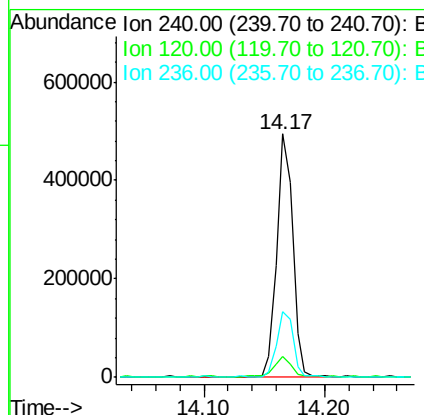
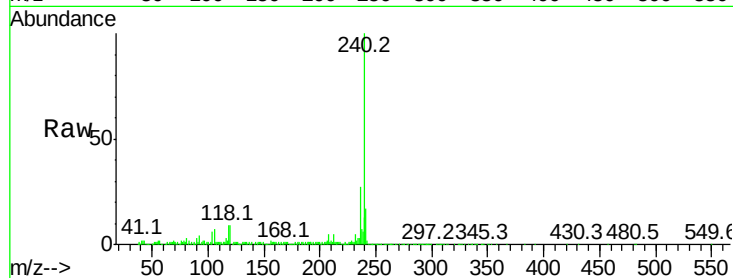
ClientSampleId :

AU-05-071318-D

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	27.0	20.7	31.1

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#77

Pyrene

Concen: 3.329 ng

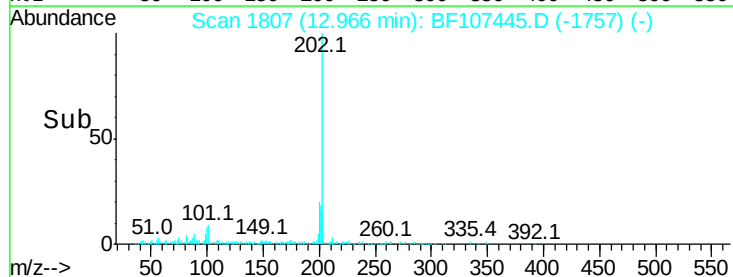
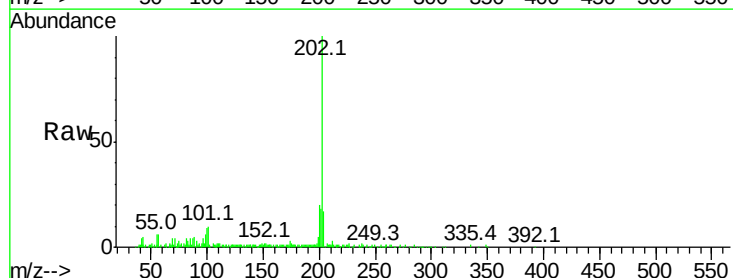
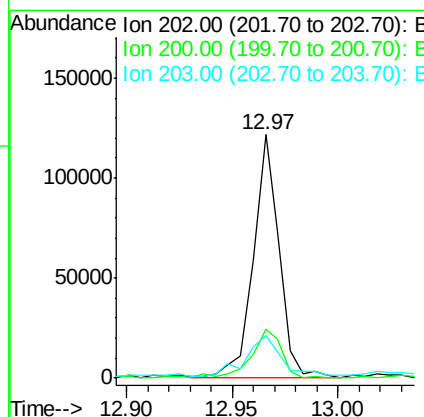
RT: 12.97 min Scan# 1807

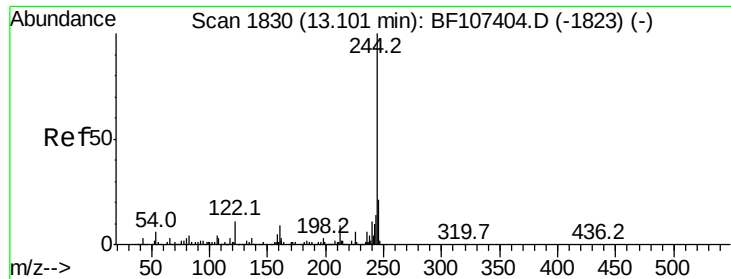
Delta R.T. -0.01 min

Lab File: BF107445.D

Acq: 17 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.4	14.3	21.5





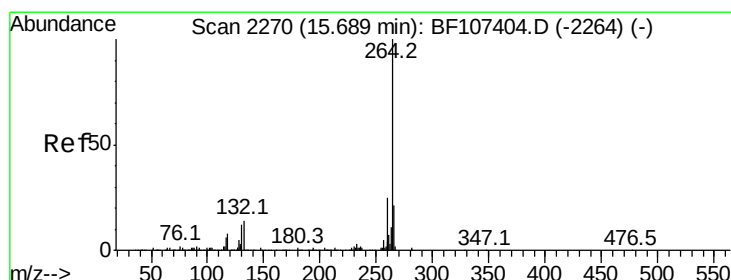
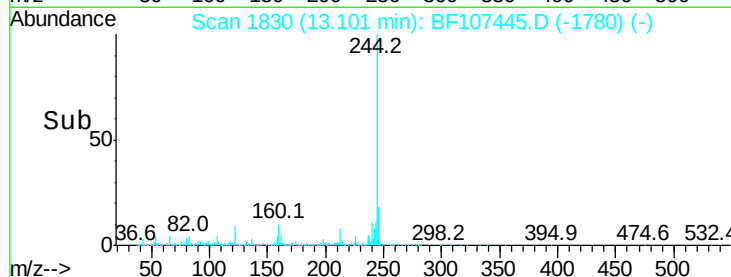
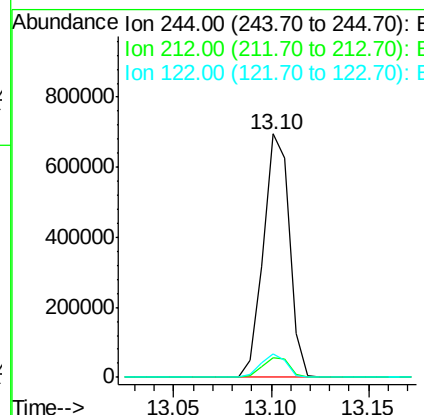
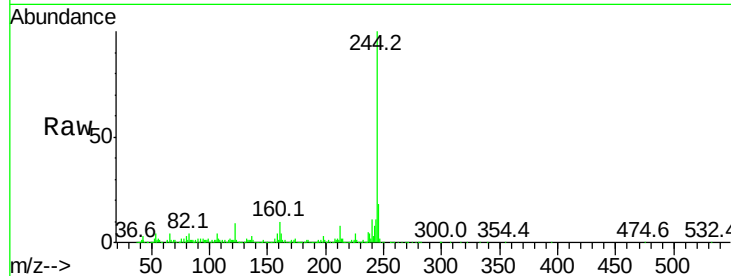
#78
 Terphenyl-d14
 Concen: 35.396 ng
 RT: 13.10 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-071318-D

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.4	8.0#
122	9.4	11.0	16.4#

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:43:53 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF107445.D
 Acq: 17 Jul 2018 13:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	29.9	19.2	28.8#
265	22.4	17.5	26.3

