

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
 Data File : BF107432.D
 Acq On : 17 Jul 2018 4:46
 Operator : JU/SJ
 Sample : J3819-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
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 7/17/2018 4:53:38 PM

Quant Time: Jul 17 07:19:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	127890	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	447899	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	206349	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	391344	20.00	ng	0.00
75) Chrysene-d12	14.17	240	342319	20.00	ng	0.01
86) Perylene-d12	15.71	264	204883	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	380866	45.23	ng	0.00
7) Phenol-d6	6.60	99	482470	44.32	ng	0.00
23) Nitrobenzene-d5	7.54	82	321908	38.32	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	80317	44.30	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	495263	33.44	ng	0.00
78) Terphenyl-d14	13.11	244	542147	39.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	84611	5.161	ng	# 98
70) Phenanthrene	11.54	178	59847	3.069	ng	# 93
74) Fluoranthene	12.74	202	84316	3.804	ng	92
77) Pyrene	12.97	202	93426	4.013	ng	93
82) Chrysene	14.19	228	42916	2.145	ng	# 78
87) Benzo(b)fluoranthene	15.25	252	35885m	2.992	ng	

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

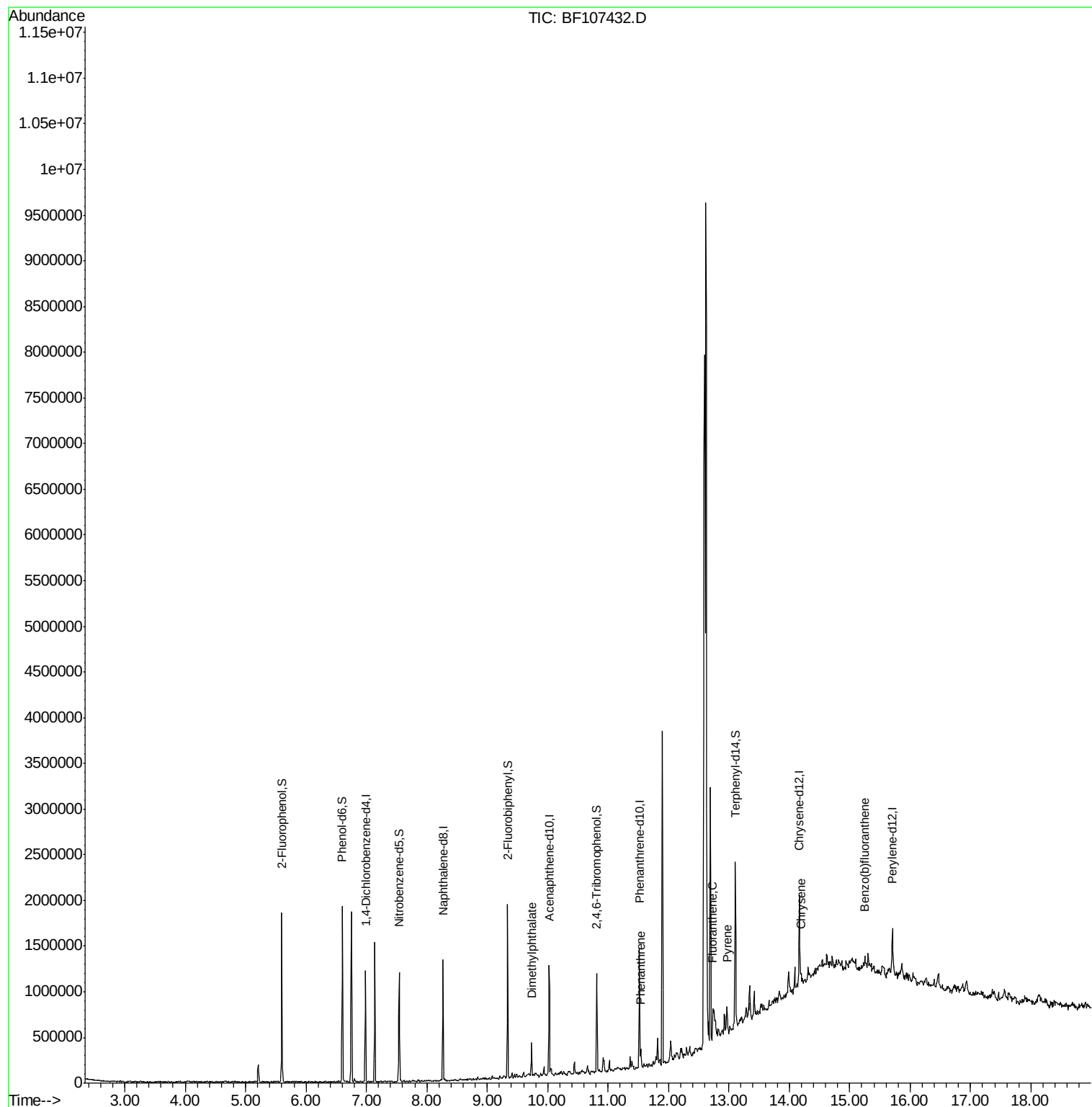
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071618\
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ALS Vial : 24 Sample Multiplier: 1

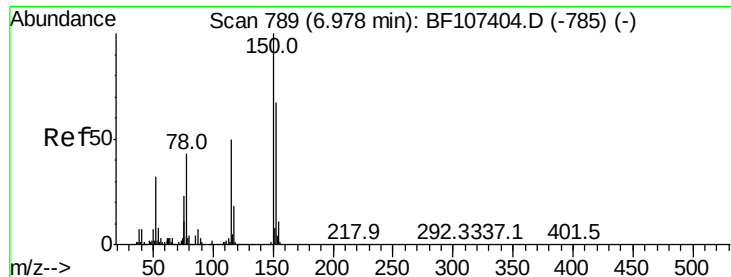
Instrument :
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AU-05-071318-B

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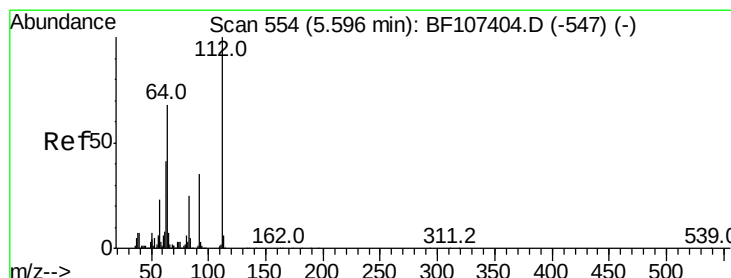
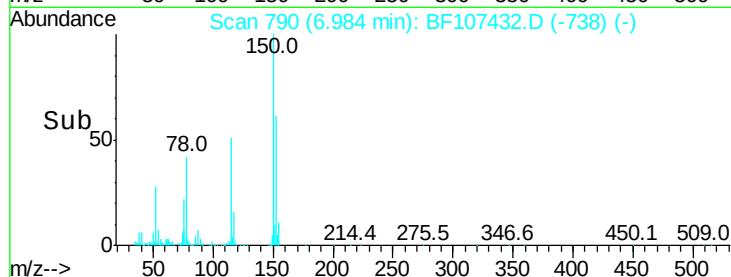
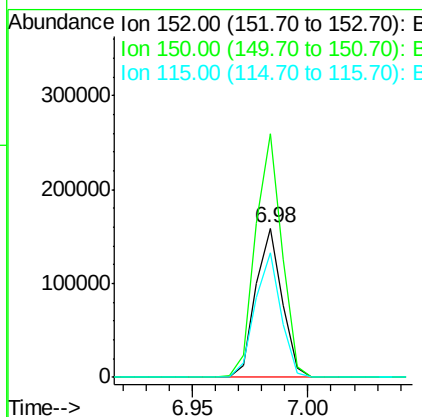
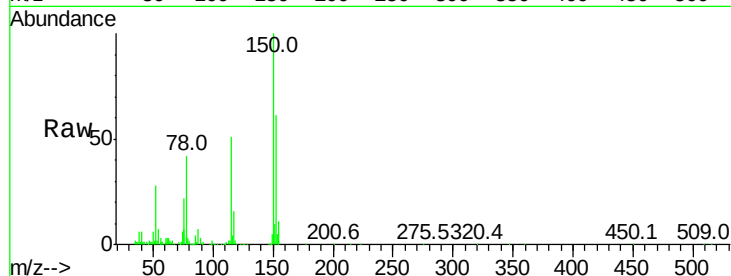
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.01 min
 Lab File: BF107432.D
 Acq: 17 Jul 2018 4:46

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	124.6	186.8
115	83.3	50.1	75.1#

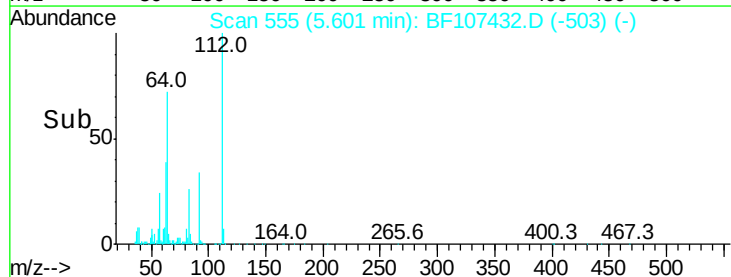
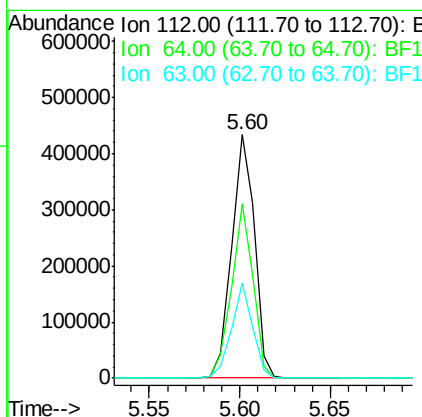
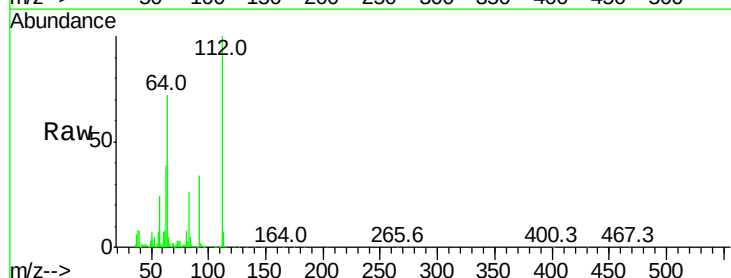
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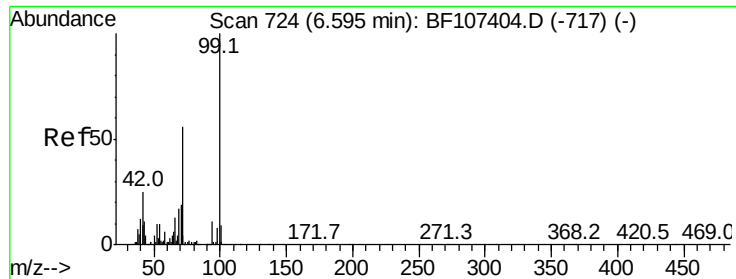
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#5
 2-Fluorophenol
 Concen: 45.229 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107432.D
 Acq: 17 Jul 2018 4:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	47.9	71.9
63	38.9	23.7	35.5#





#7

Phenol-d6

Concen: 44.316 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Instrument :

BNA_F

ClientSampleId :

AU-05-071318-B

Tot Ion: 99 Resp: 482470

Ion Ratio Lower Upper

99 100

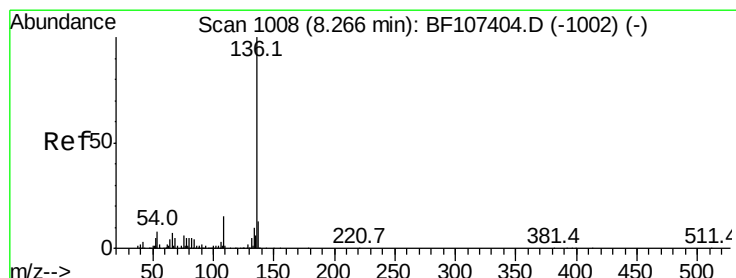
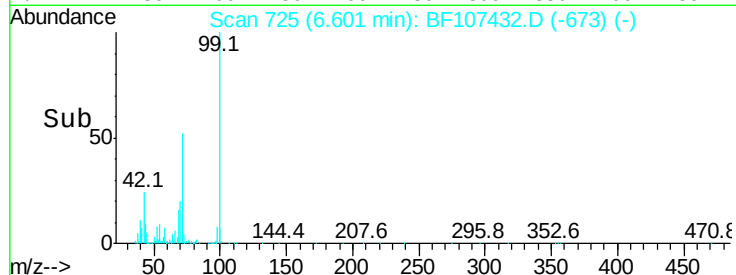
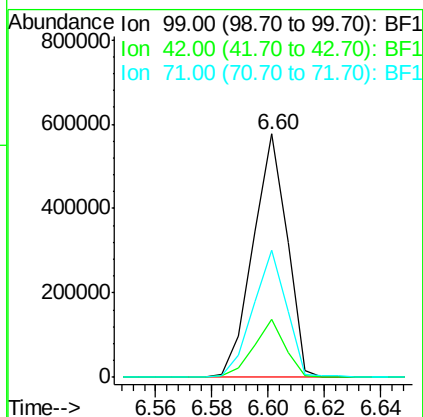
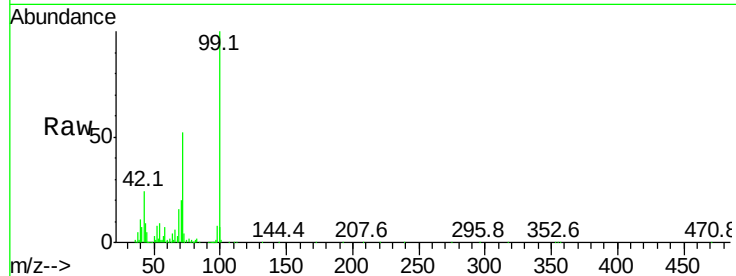
42 23.7 14.5 21.7#

71 52.3 25.4 38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Tgt Ion: 136 Resp: 447899

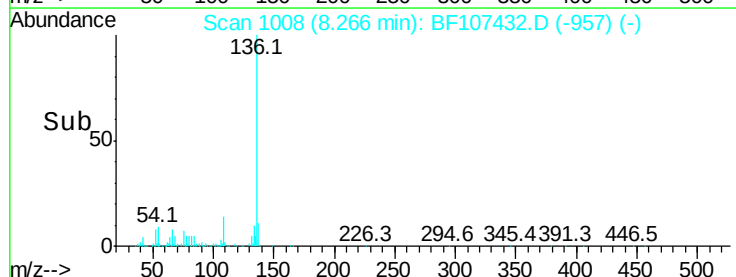
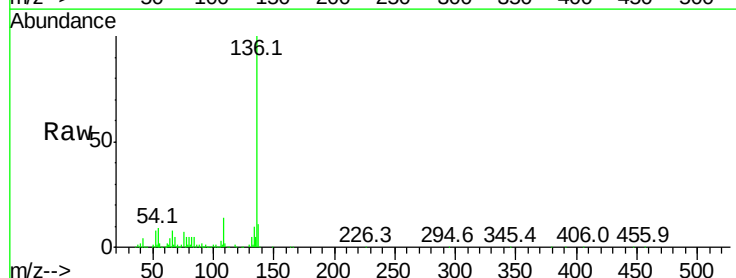
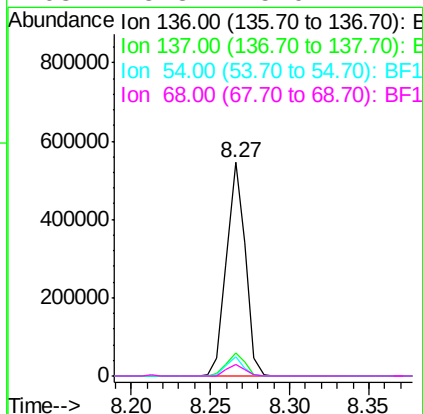
Ion Ratio Lower Upper

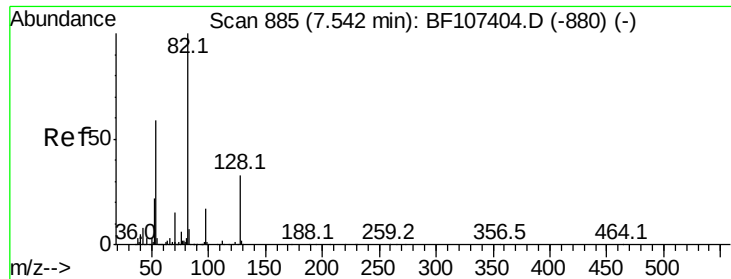
136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 38.324 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Instrument :

BNA_F

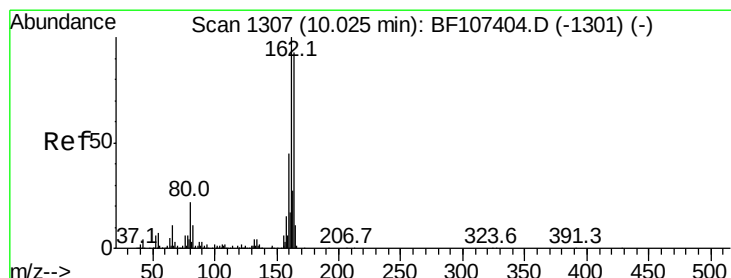
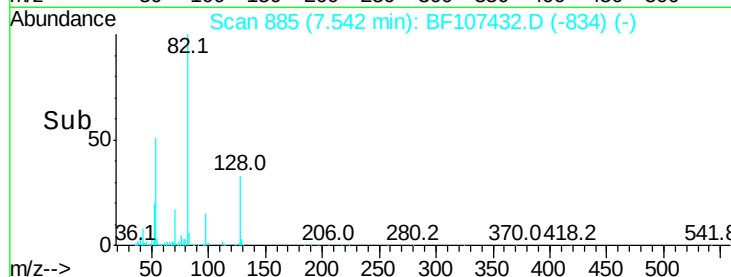
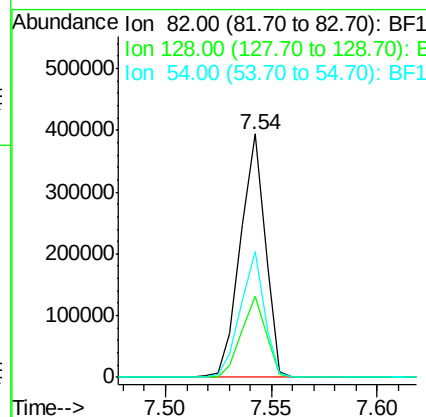
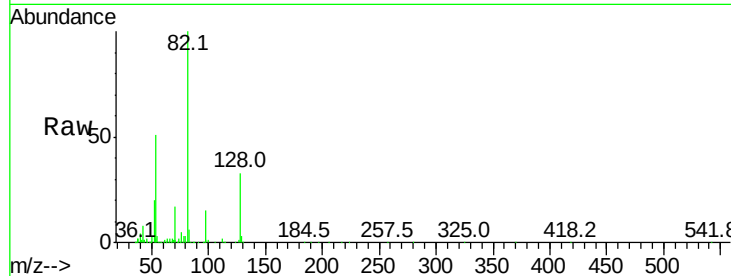
ClientSampled :

AU-05-071318-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.4	36.1	54.1#
54	51.5	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

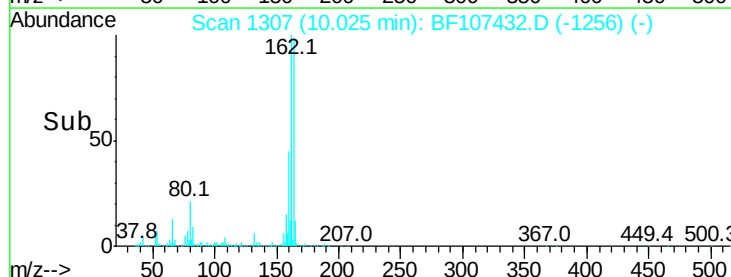
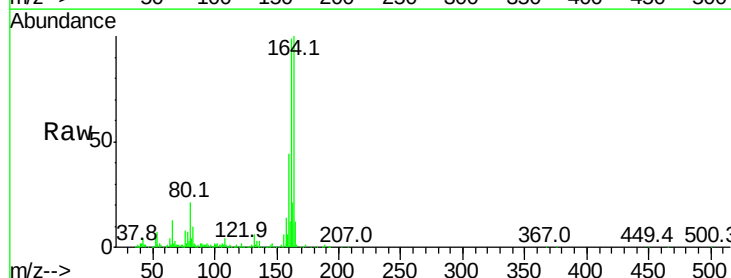
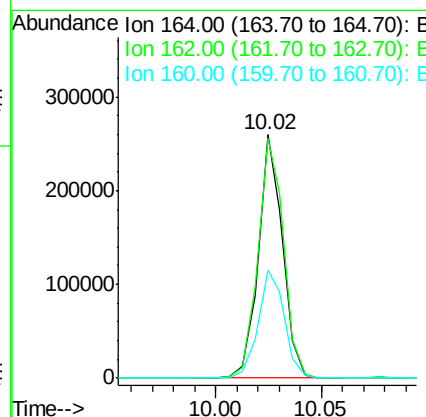
RT: 10.02 min Scan# 1307

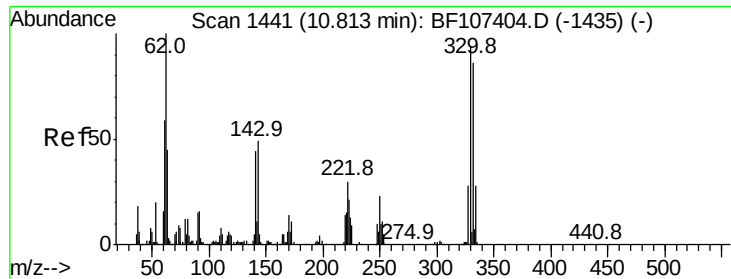
Delta R.T. -0.00 min

Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	86.1	129.1
160	44.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 44.300 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Instrument :

BNA_F

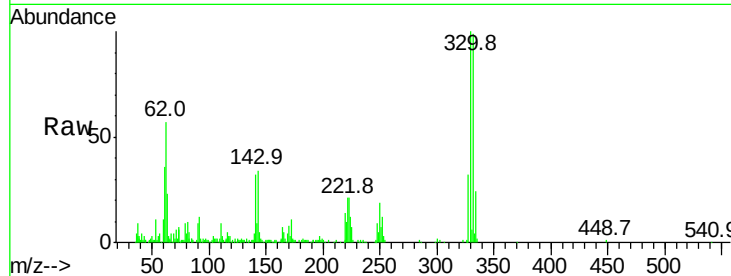
ClientSampleId :

AU-05-071318-B

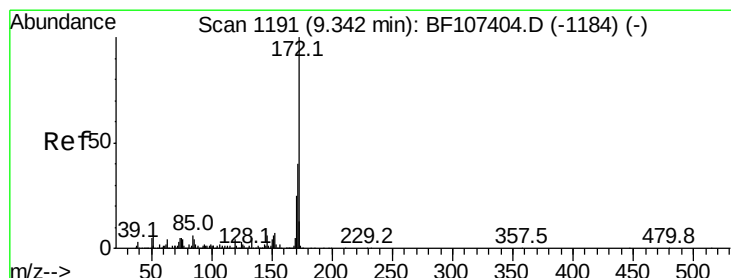
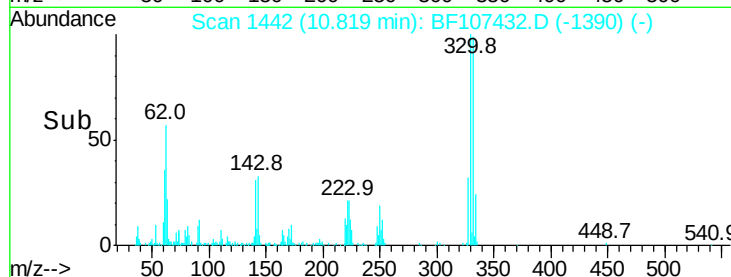
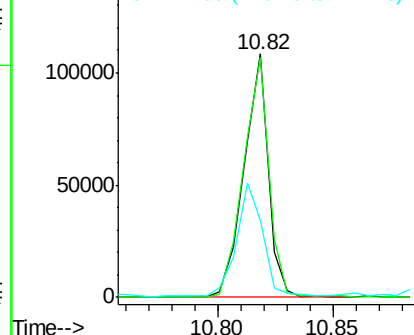
Tot Ion:	330	Resp:	80317
Ion Ratio	Lower	Upper	
330	100		
332	103.3	77.0	115.6
141	52.8	29.9	44.9#

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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: 33.443 ng

RT: 9.34 min Scan# 1191

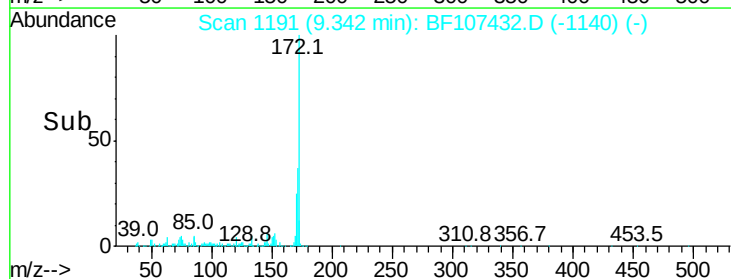
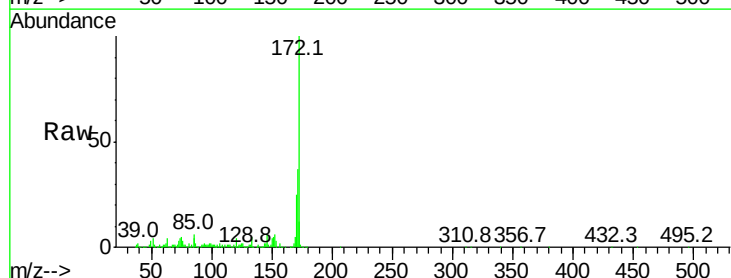
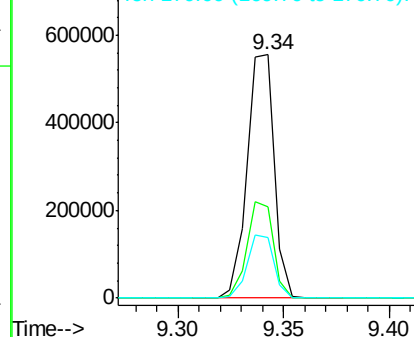
Delta R.T. 0.00 min

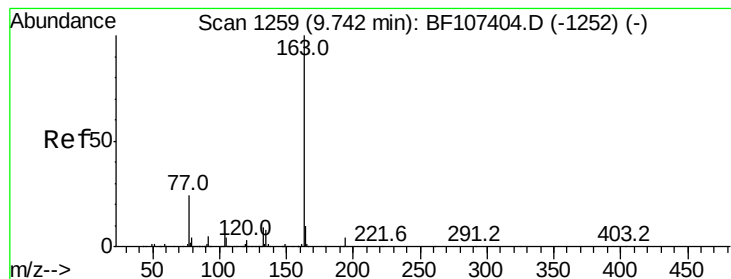
Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Tgt Ion:	172	Resp:	495263
Ion Ratio	Lower	Upper	
172	100		
171	37.5	29.7	44.5
170	24.6	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.161 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Instrument :

BNA_F

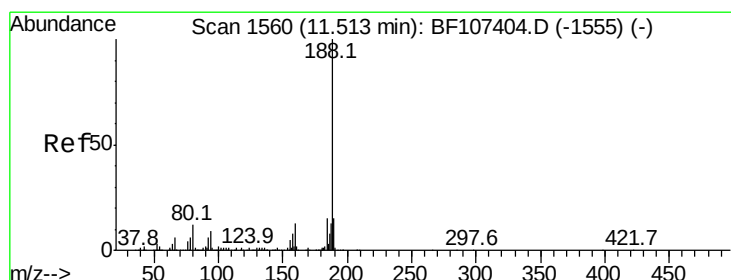
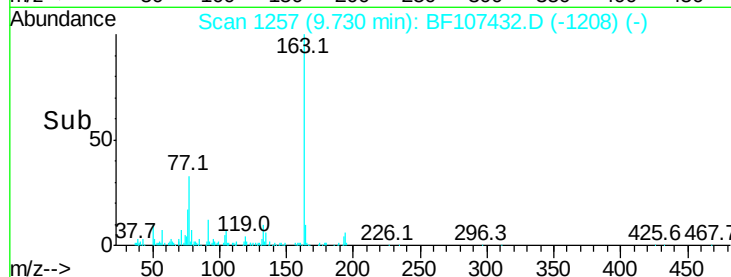
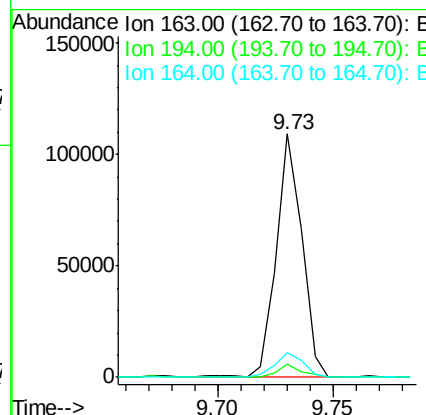
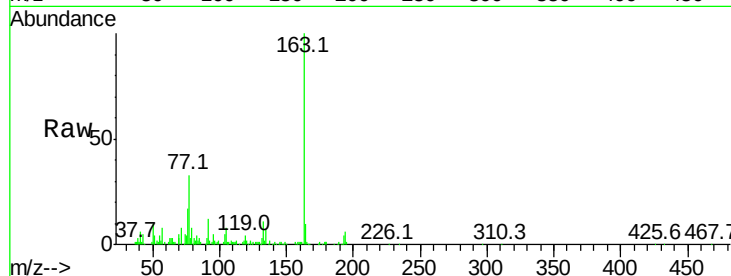
ClientSampleId :

AU-05-071318-B

Tot Ion:	163	Resp:	84611
Ion Ratio	Lower	Upper	
163	100		
194	5.5	2.7	4.1#
164	10.0	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

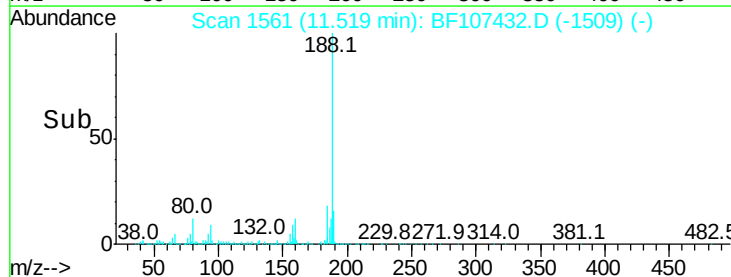
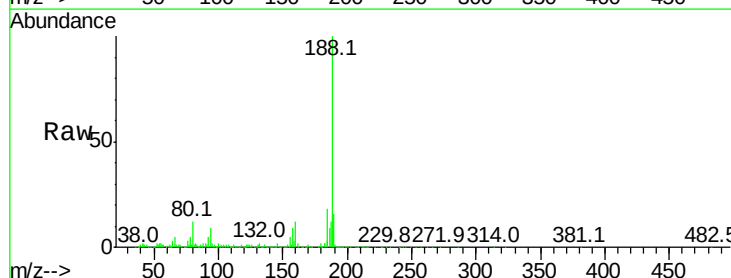
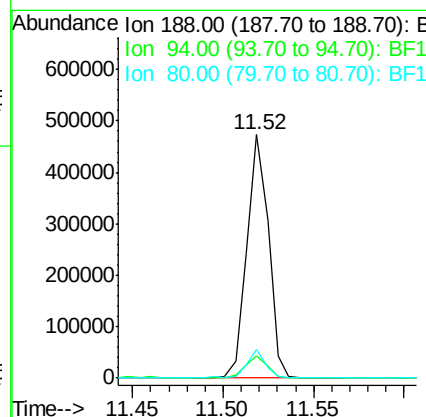
RT: 11.52 min Scan# 1561

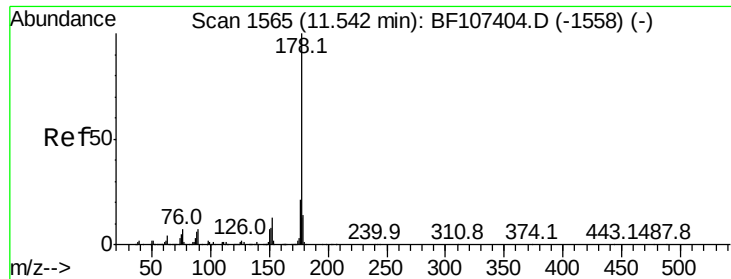
Delta R.T. 0.01 min

Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Tgt Ion:	188	Resp:	391344
Ion Ratio	Lower	Upper	
188	100		
94	9.3	8.5	12.7
80	11.9	9.2	13.8





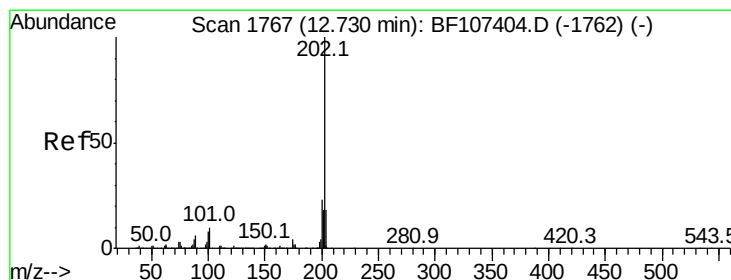
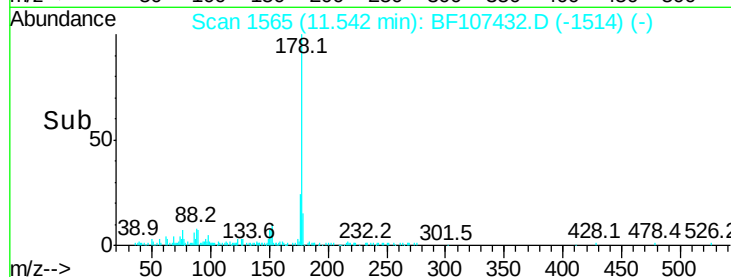
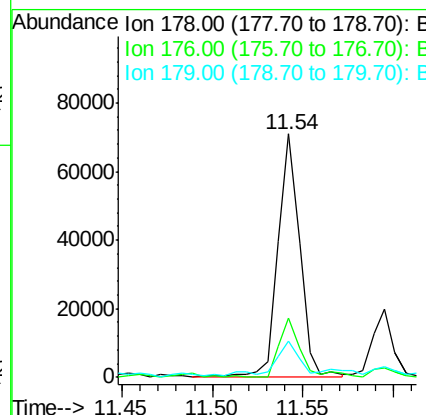
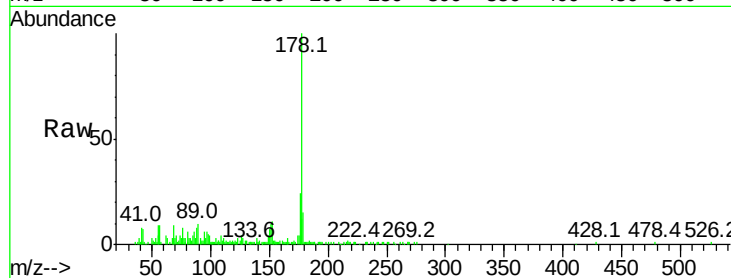
#70
Phenanthrene
Concen: 3.069 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	24.3	15.8	23.8#
179	14.9	13.0	19.6

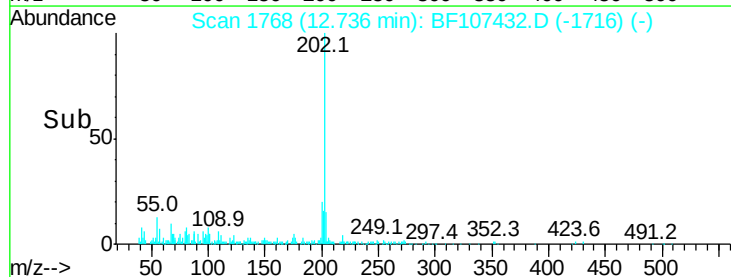
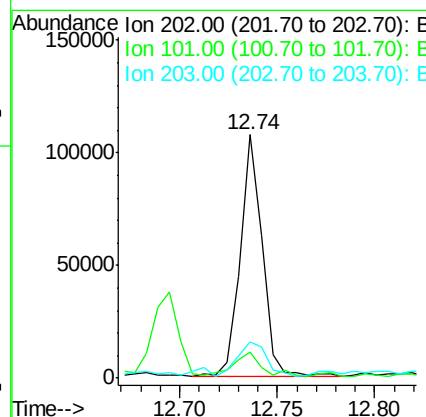
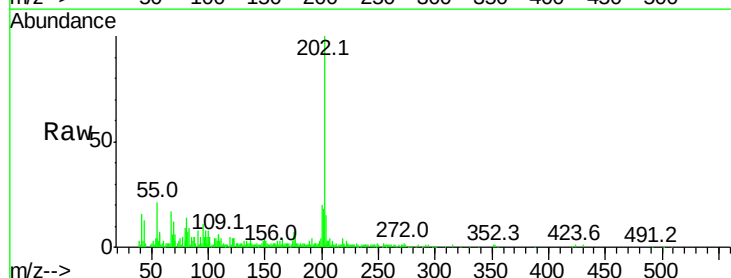
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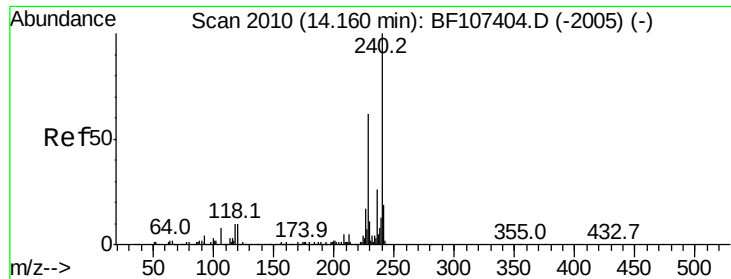
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#74
Fluoranthene
Concen: 3.804 ng
RT: 12.74 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	15.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Instrument :

BNA_F

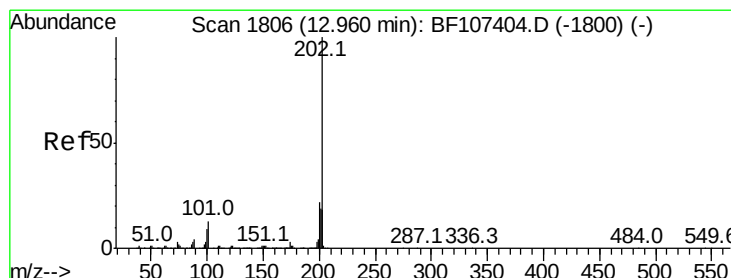
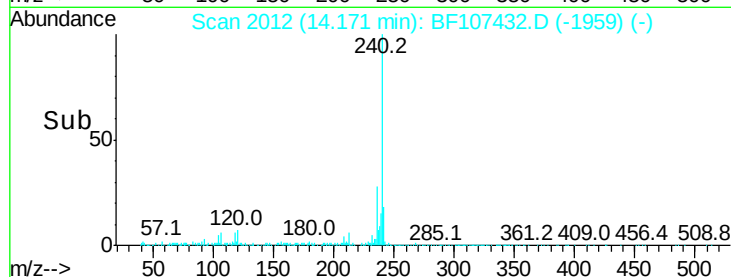
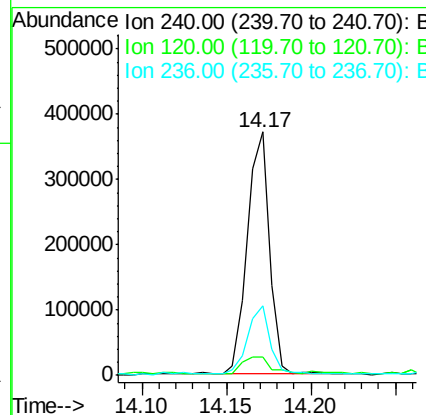
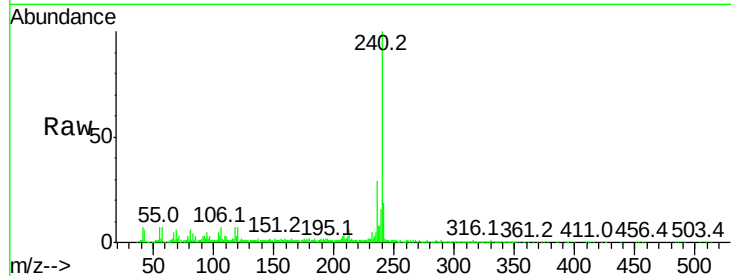
ClientSampleId :

AU-05-071318-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	9.5	14.3#
236	28.5	20.7	31.1

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#77

Pyrene

Concen: 4.013 ng

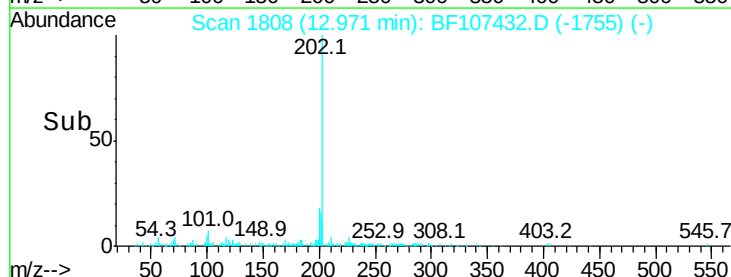
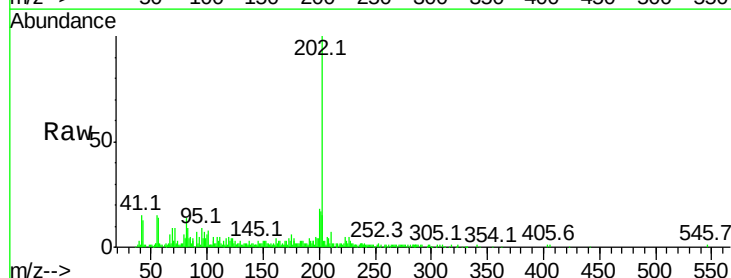
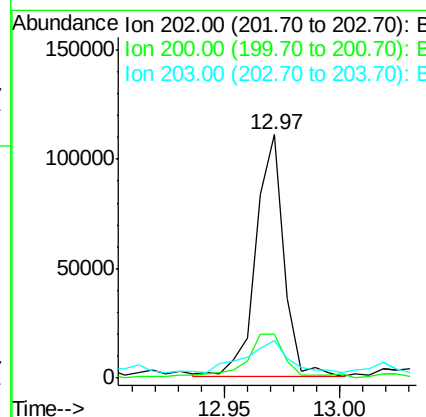
RT: 12.97 min Scan# 1808

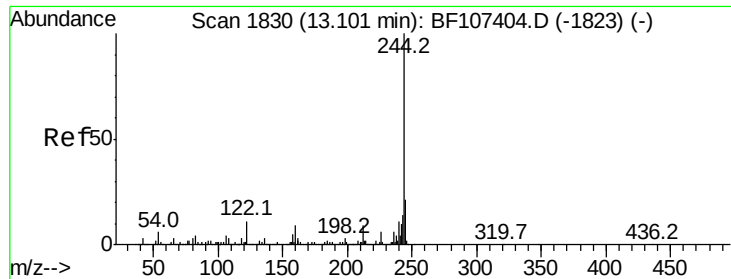
Delta R.T. 0.01 min

Lab File: BF107432.D

Acq: 17 Jul 2018 4:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.0	17.4	26.2
203	15.2	14.3	21.5





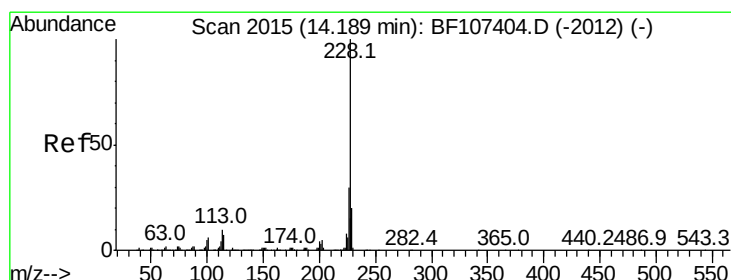
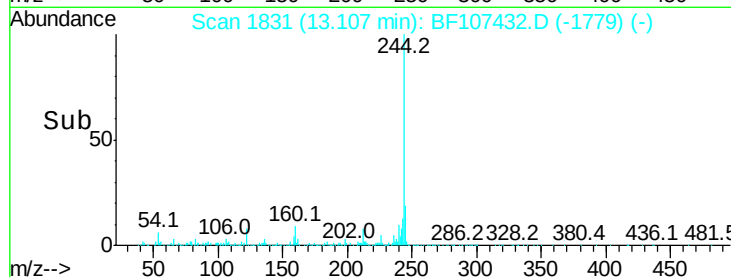
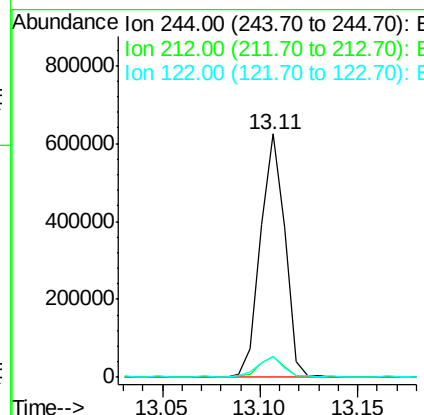
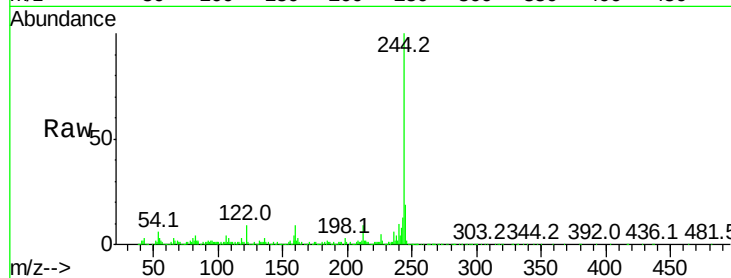
#78
 Terphenyl-d14
 Concen: 39.349 ng
 RT: 13.11 min Scan# 1831
 Delta R.T. 0.01 min
 Lab File: BF107432.D
 Acq: 17 Jul 2018 4:46

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.4	8.0#
122	8.8	11.0	16.4#

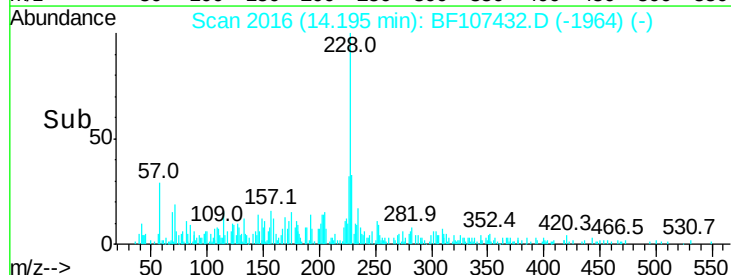
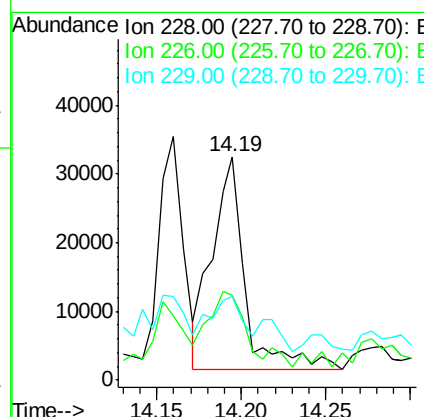
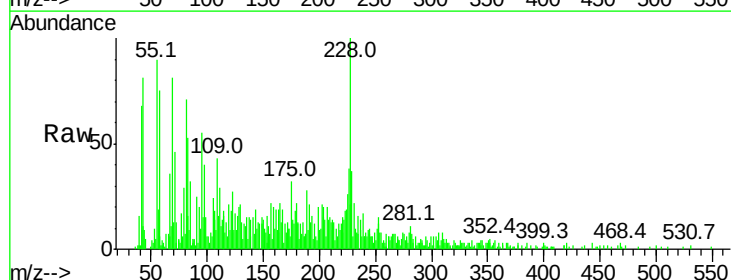
Manual Integrations
 APPROVED

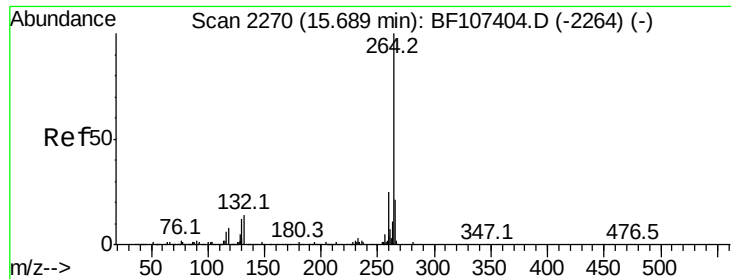
Sohil
 7/17/2018 4:53:38 PM



#82
 Chrysene
 Concen: 2.145 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF107432.D
 Acq: 17 Jul 2018 4:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.7	25.0	37.6#
229	37.3	16.2	24.4#





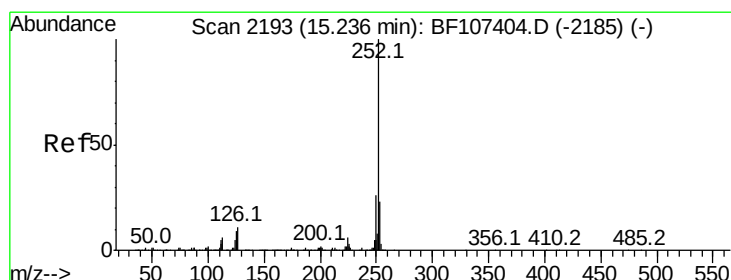
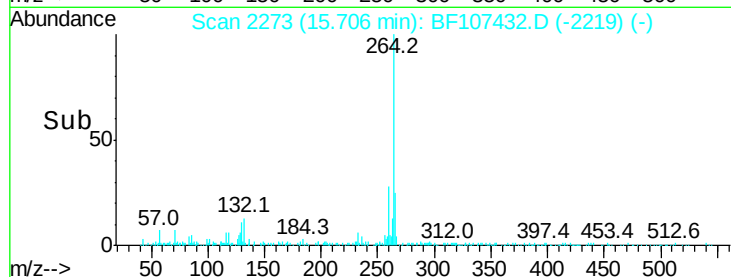
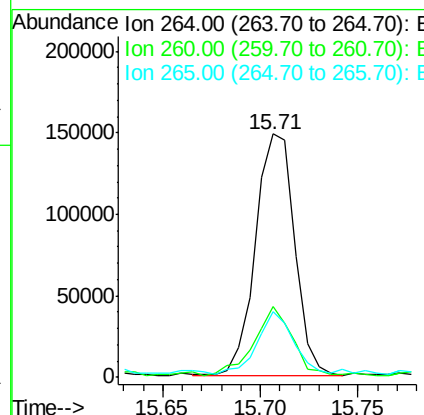
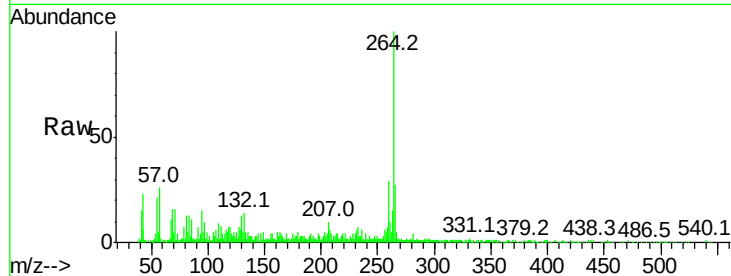
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	29.2	19.2	28.8#
265	27.0	17.5	26.3#

Manual Integrations
APPROVED

Sohil
7/17/2018 4:53:38 PM



#87
Benzo(b)fluoranthene
Concen: 2.992 ng m
RT: 15.25 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF107432.D
Acq: 17 Jul 2018 4:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.5	17.0	25.6#
125	40.0	9.0	13.6#

