

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107812.D
 Acq On : 30 Jul 2018 20:46
 Operator : JU/SJ
 Sample : J4164-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(3-5)

Manual Integrations
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 7/31/2018 2:42:36 PM

Quant Time: Jul 31 09:47:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	183898	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	801266	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	353799	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	765932	20.00	ng	0.00
75) Chrysene-d12	14.15	240	518680	20.00	ng	0.00
86) Perylene-d12	15.68	264	519744	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1417361	130.99	ng	0.00
7) Phenol-d6	6.61	99	1739893	122.01	ng	0.00
23) Nitrobenzene-d5	7.52	82	1176109	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	552683	114.96	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	2009359	79.14	ng	0.00
78) Terphenyl-d14	13.08	244	1994965	83.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	139011	5.232	ng	99
80) Benzo(a)anthracene	14.14	228	73784	2.511	ng	97
87) Benzo(b)fluoranthene	15.22	252	62999m	2.458	ng	
89) Benzo(a)pyrene	15.61	252	55730	2.106	ng	# 81

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

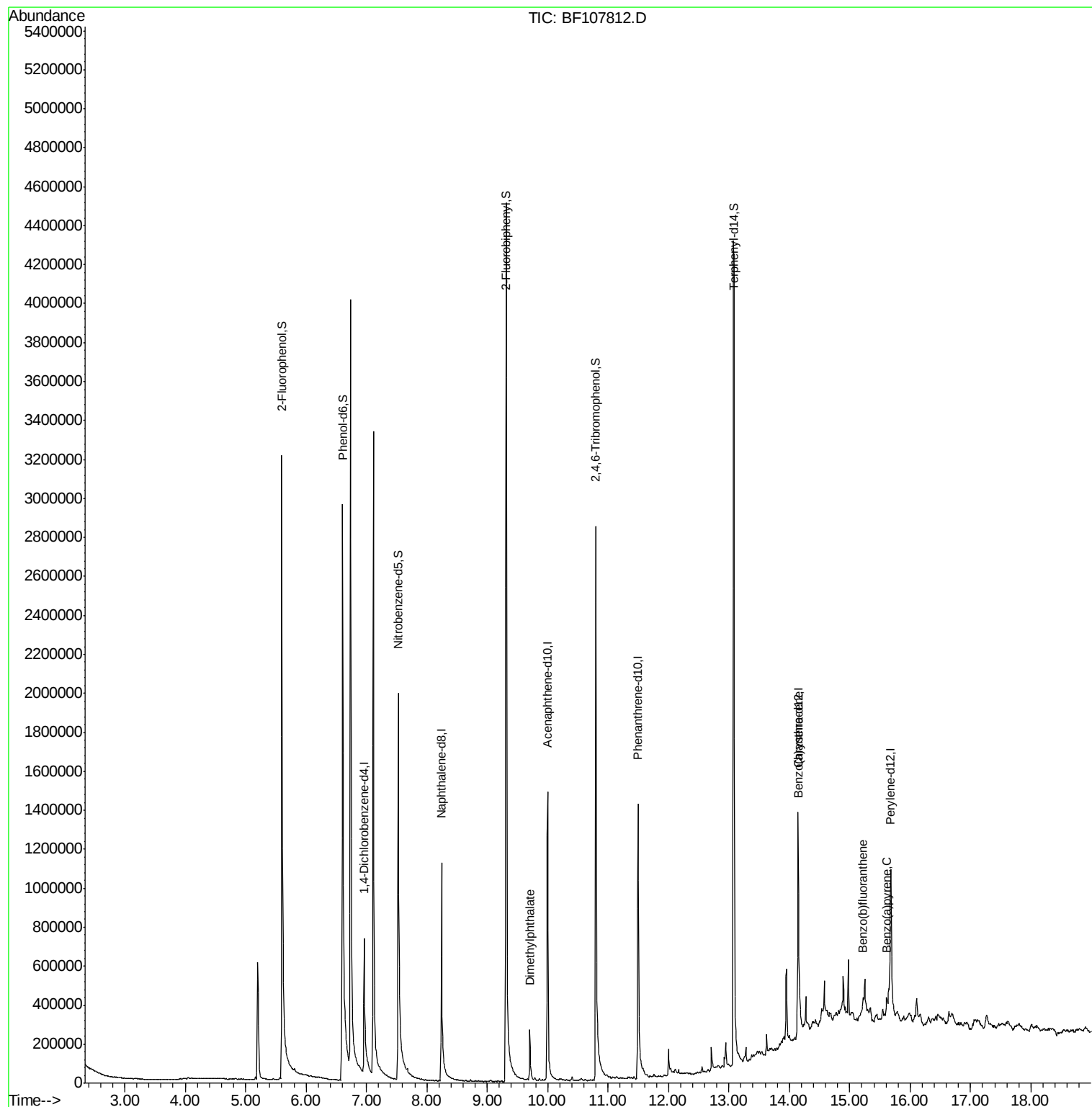
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107812.D
Acq On : 30 Jul 2018 20:46
Operator : JU/SJ
Sample : J4164-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

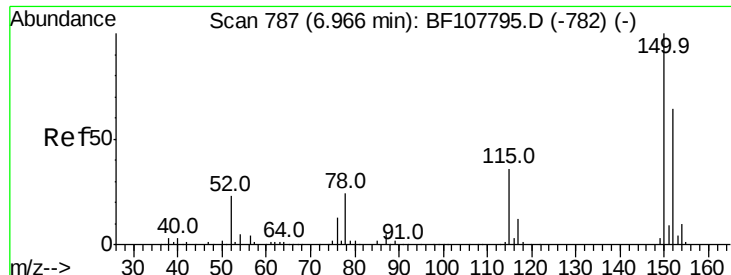
Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Quant Time: Jul 31 09:47:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
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#1

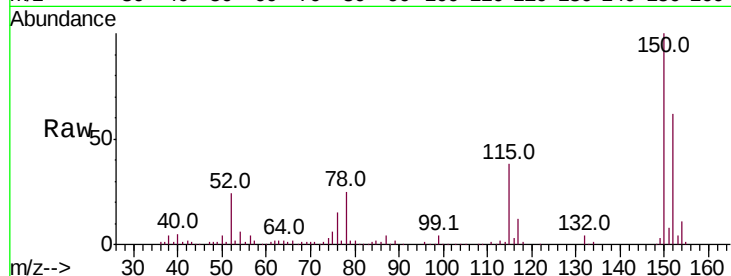
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampled :
SB-6(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	60.8	50.1	75.1

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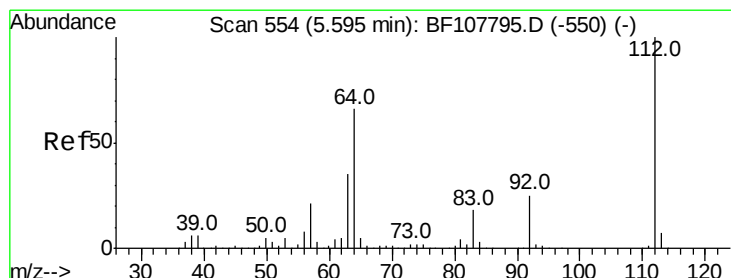
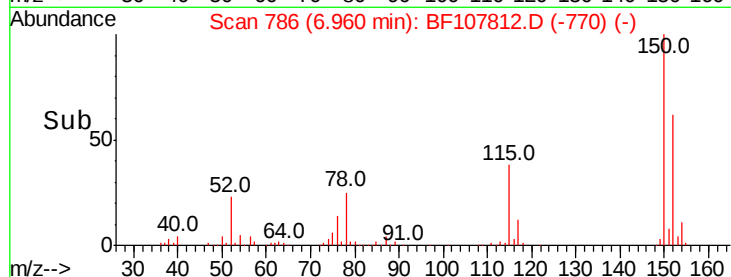
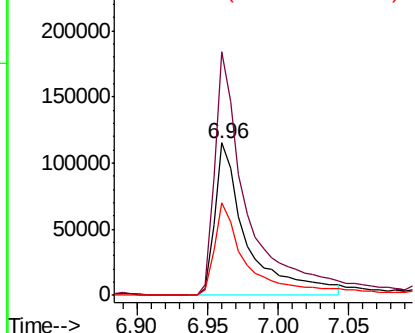


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 130.990 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

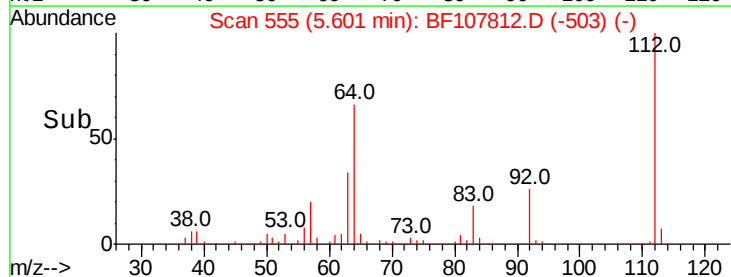
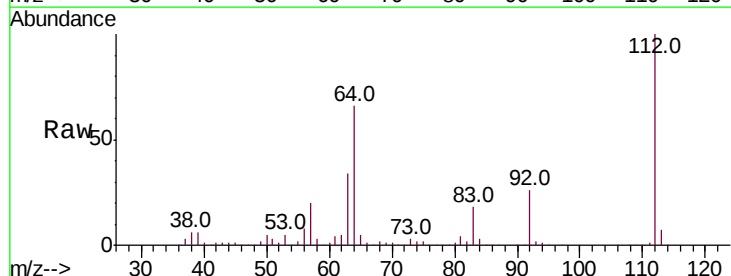
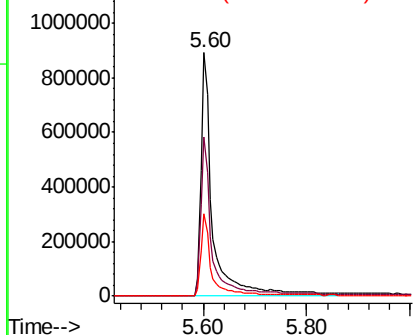
Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	47.9	71.9
63	33.6	23.7	35.5

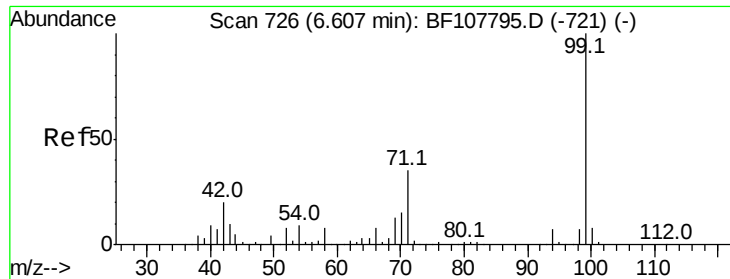
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 122.006 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107812.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_F

ClientSampled :

SB-6(3-5)

Tot Ion: 99 Resp: 1739893

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

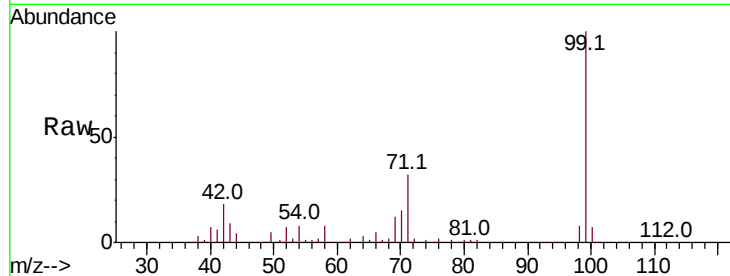
71 32.5 25.4 38.0

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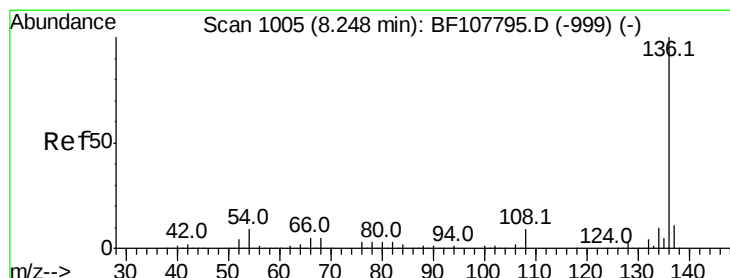
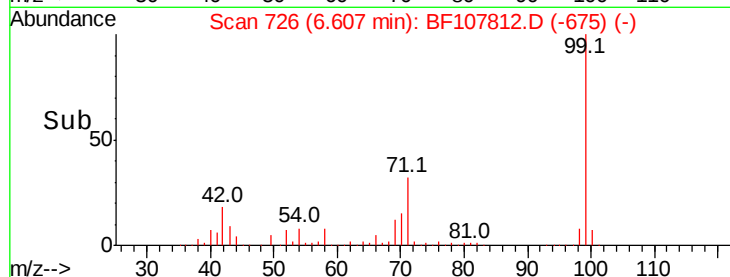
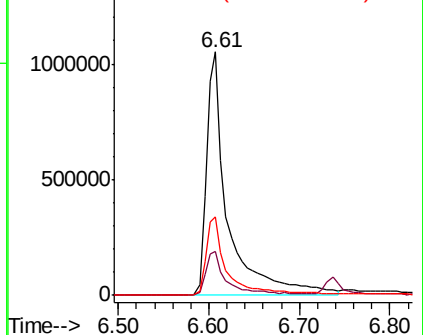
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107812.D

Acq: 30 Jul 2018 20:46

Tgt Ion: 136 Resp: 801266

Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.7 6.6 9.8

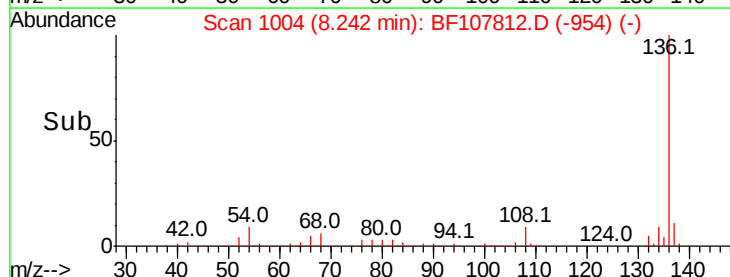
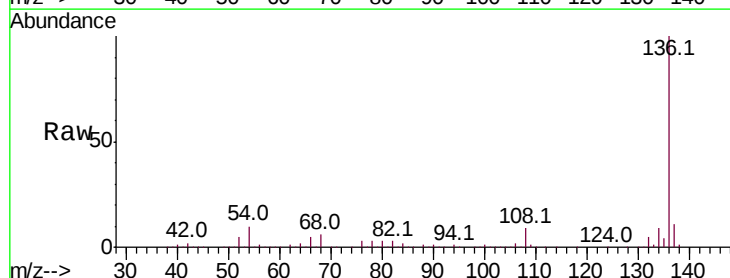
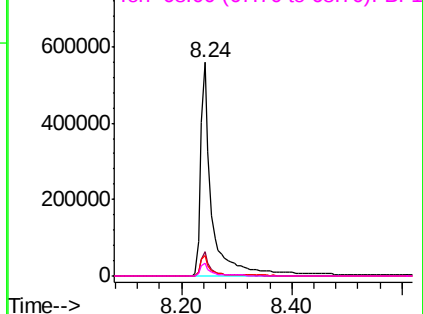
68 6.3 5.0 7.4

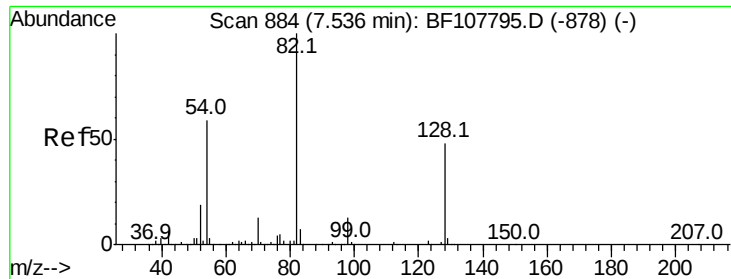
Abundance Ion 136.00 (135.70 to 136.70): E

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





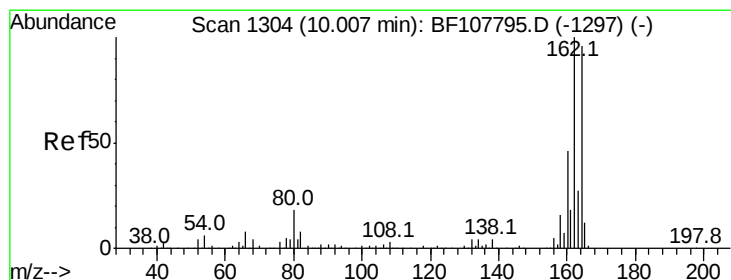
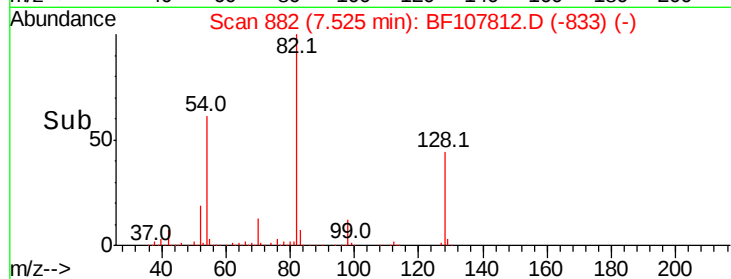
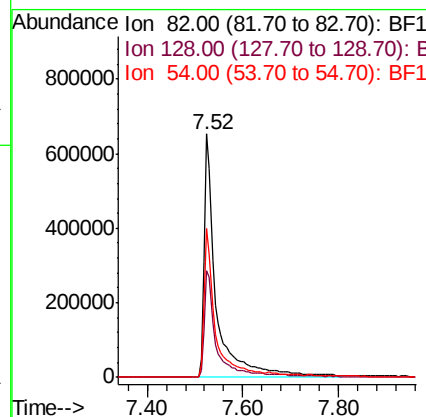
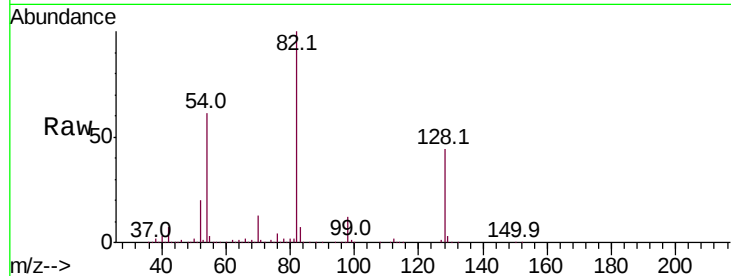
#23
Nitrobenzene-d5
Concen: 84.561 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tot Ion: 82 Resp: 1176109
Ion Ratio Lower Upper
82 100
128 43.9 36.1 54.1
54 61.1 41.4 62.2

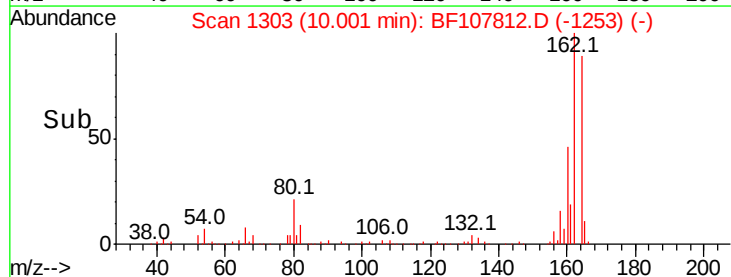
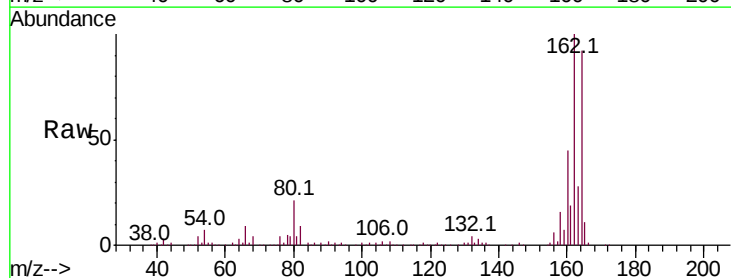
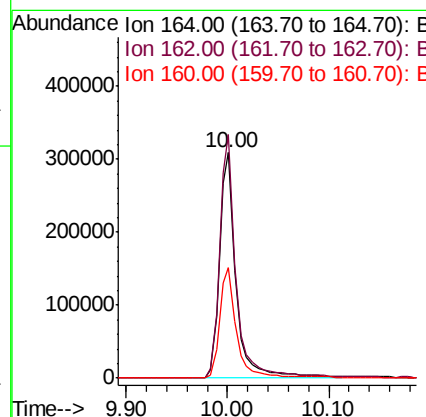
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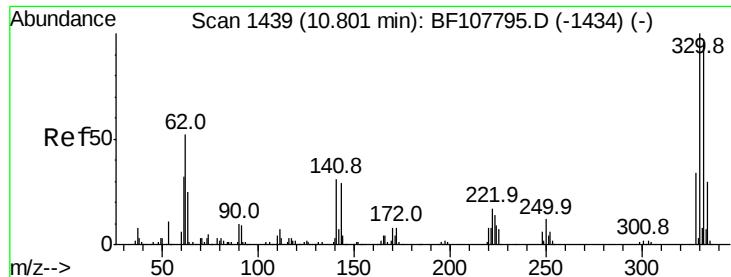
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion:164 Resp: 353799
Ion Ratio Lower Upper
164 100
162 108.2 86.1 129.1
160 49.1 38.3 57.5





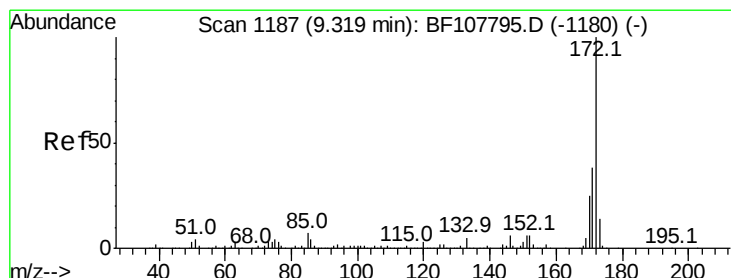
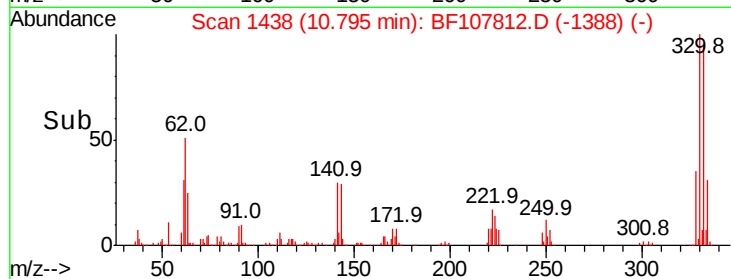
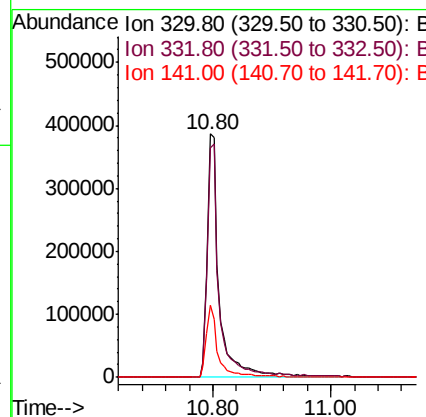
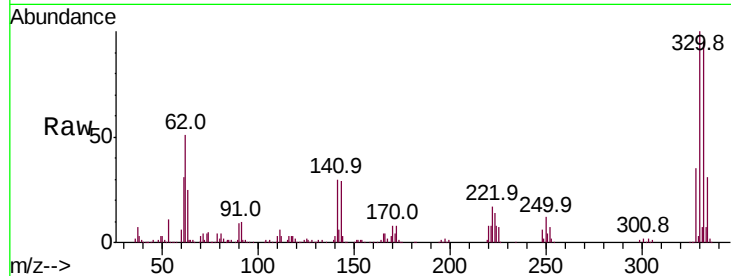
#41
 2,4,6-Tribromophenol
 Concen: 114.965 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107812.D
 Acq: 30 Jul 2018 20:46

Instrument :
 BNA_F
 ClientSampled :
 SB-6(3-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	28.7	29.9	44.9#

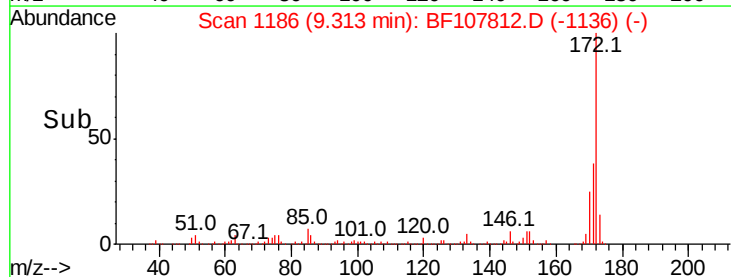
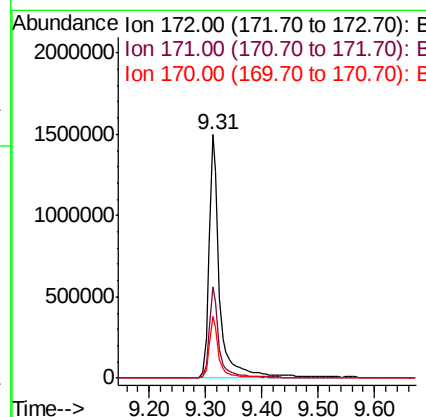
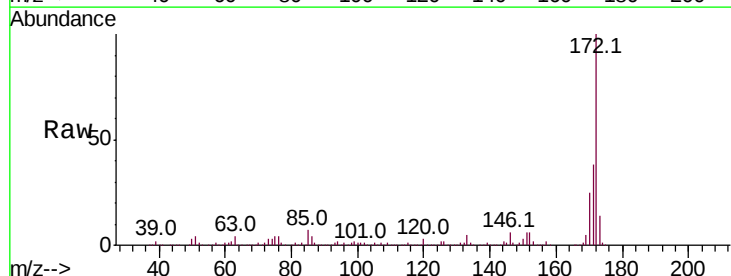
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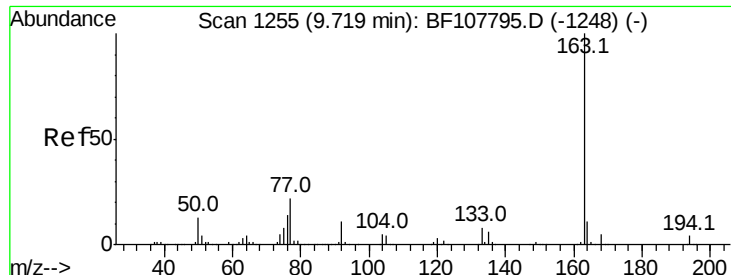
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#44
 2-Fluorobiphenyl
 Concen: 79.142 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107812.D
 Acq: 30 Jul 2018 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.3	19.6	29.4





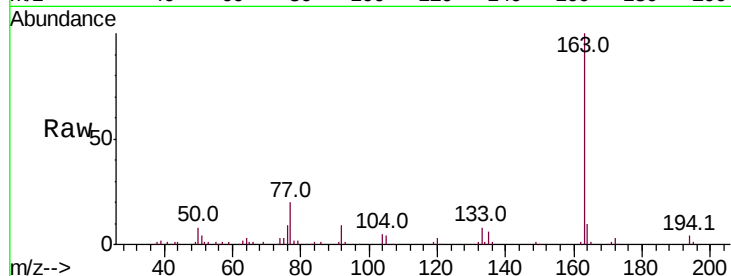
#49
Dimethylphthalate
Concen: 5.232 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

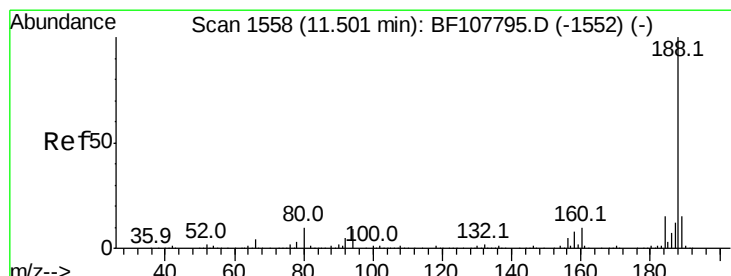
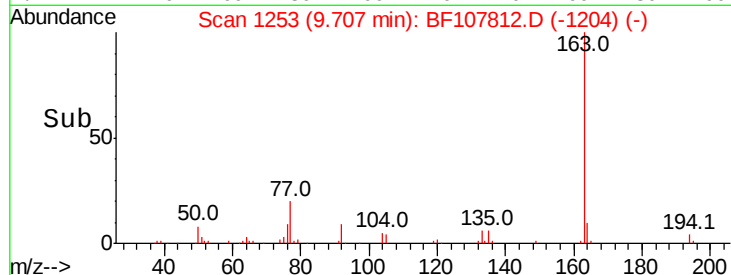
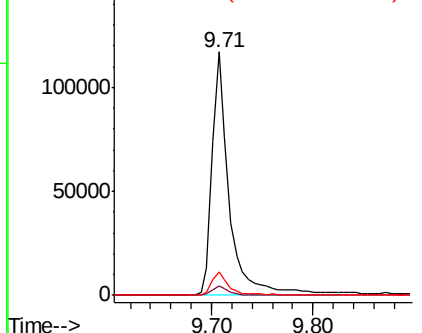
Tot Ion	Ratio	Resp	Lower	Upper
163	100	139011		
194	3.8	2.7	4.1	
164	9.8	8.2	12.2	

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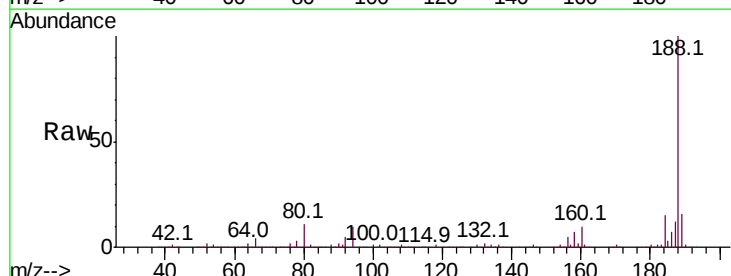


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

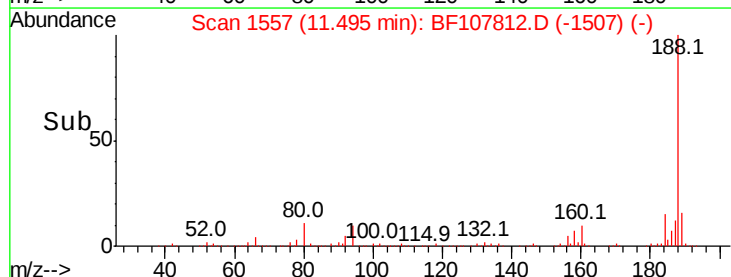
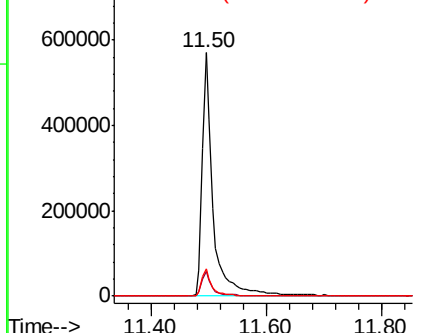


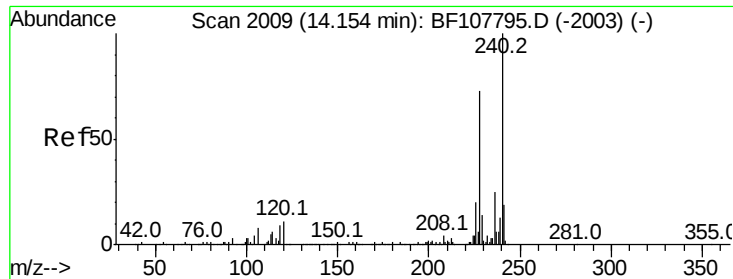
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	765932		
94	10.2	8.5	12.7	
80	11.0	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107812.D

Acq: 30 Jul 2018 20:46

Instrument :

BNA_F

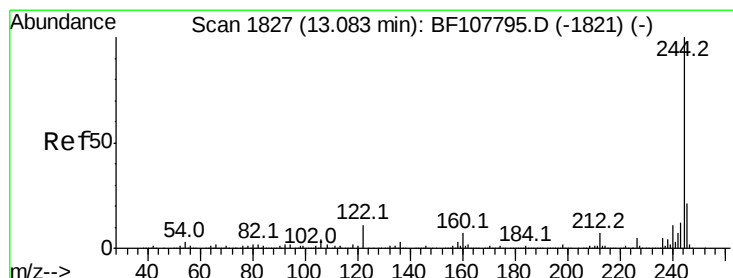
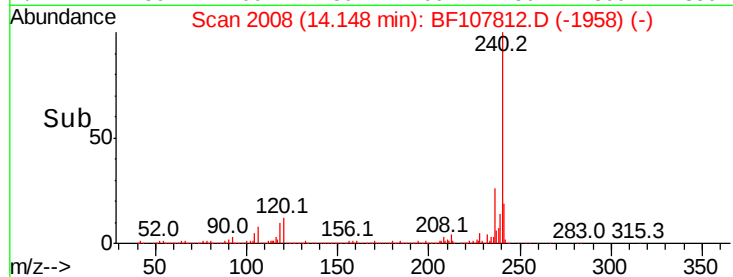
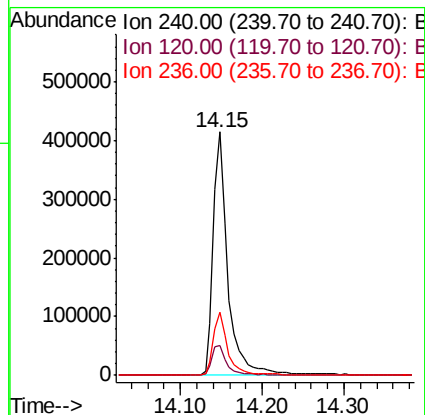
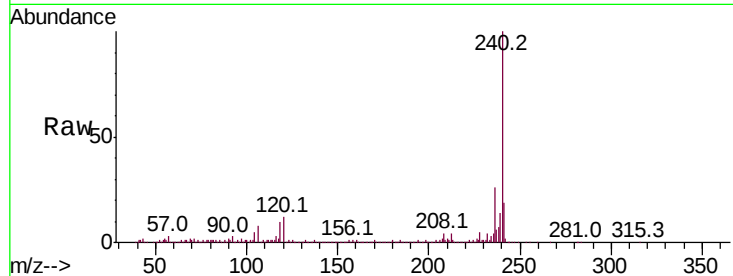
ClientSampled :

SB-6(3-5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	26.0	20.7	31.1

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#78

Terphenyl-d14

Concen: 83.403 ng

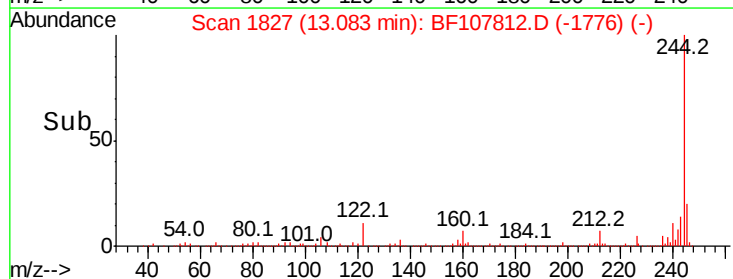
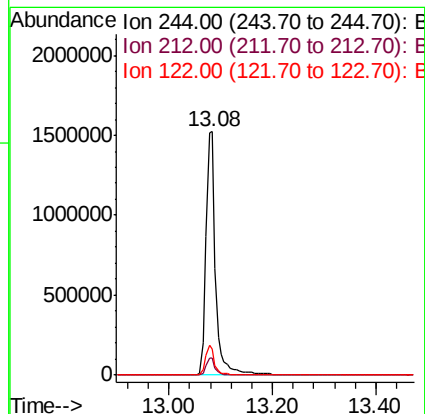
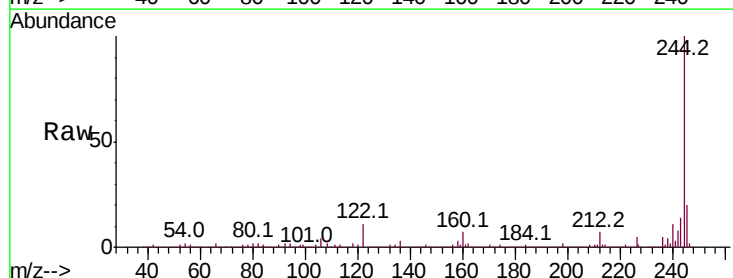
RT: 13.08 min Scan# 1827

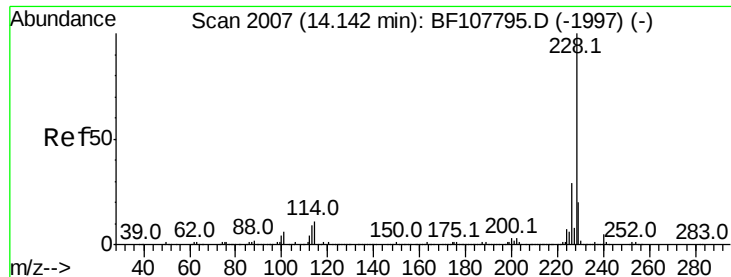
Delta R.T. 0.00 min

Lab File: BF107812.D

Acq: 30 Jul 2018 20:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.8	11.0	16.4





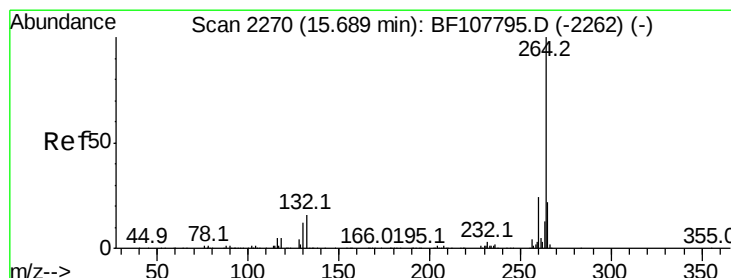
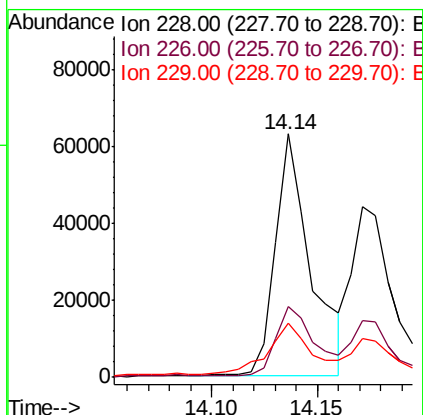
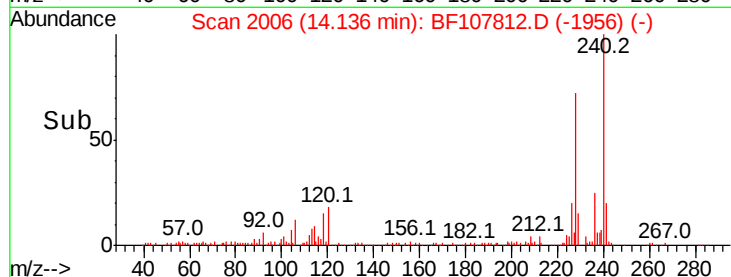
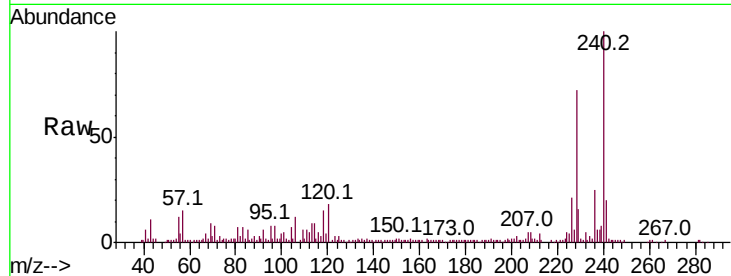
#80
Benzo(a)anthracene
Concen: 2.511 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampleId :
SB-6(3-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.1	15.8	23.6

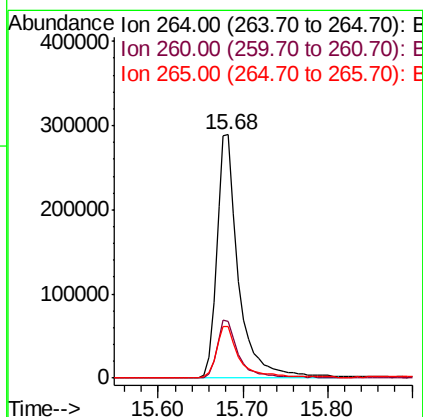
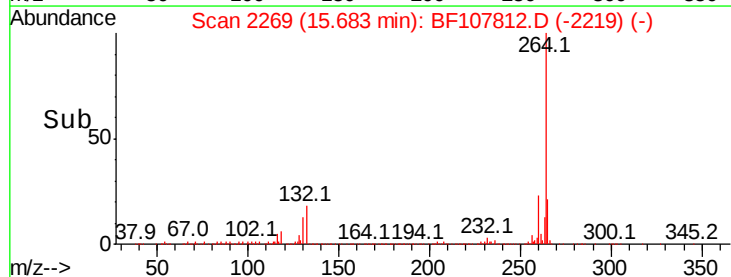
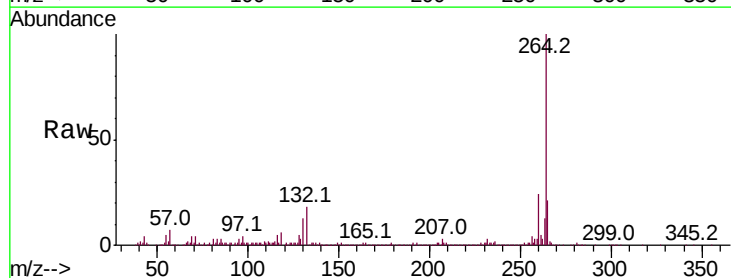
Manual Integrations
APPROVED

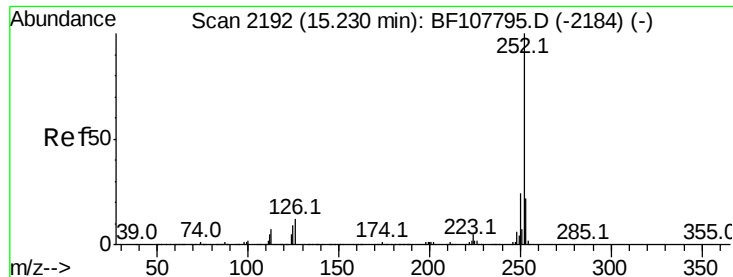
Sohil
7/31/2018 2:42:36 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.1	17.5	26.3





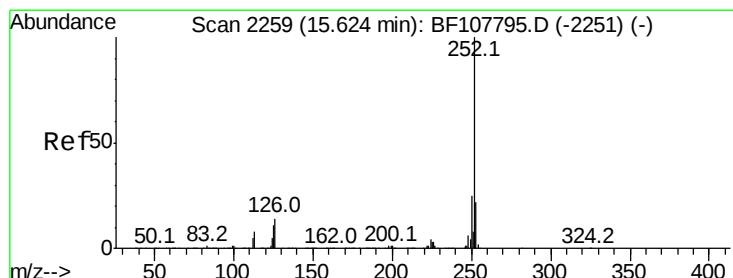
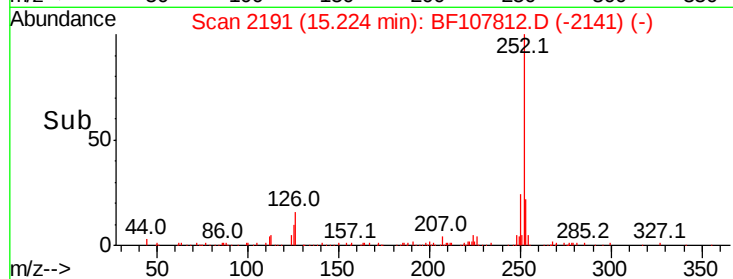
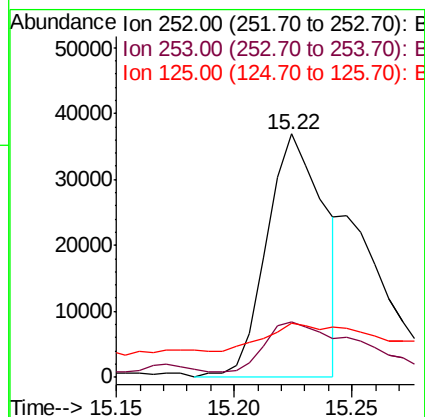
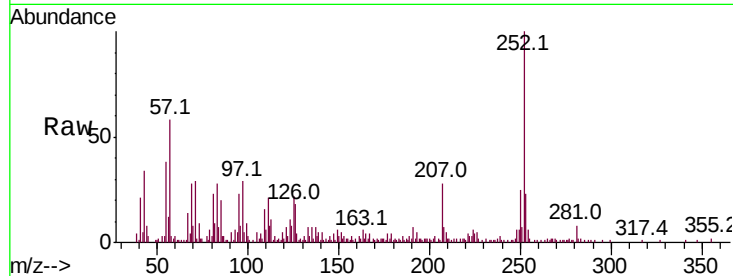
#87
Benzo(b)fluoranthene
Concen: 2.458 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_F
ClientSampled :
SB-6(3-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	22.1	9.0	13.6

Manual Integrations
APPROVED

Sohil
7/31/2018 2:42:36 PM



#89
Benzo(a)pyrene
Concen: 2.106 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107812.D
Acq: 30 Jul 2018 20:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.1	25.7
125	26.4	9.8	14.6

