

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107936.D
 Acq On : 3 Aug 2018 14:35
 Operator : JU/SJ
 Sample : J4162-08 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTHLAWN-PRECHAR-AREA-3-B

Manual Integrations
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Quant Time: Aug 03 15:54:02 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	6.95	152	143472	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	659276	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	301823	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	562544	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	405228	20.00	ng	-0.01
86) Perylene-d12	15.68	264	440706	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	242516	28.73	ng	0.00
7) Phenol-d6	6.60	99	421964	37.93	ng	0.00
23) Nitrobenzene-d5	7.52	82	244114	21.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	87835	21.42	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	496981	22.95	ng	-0.02
78) Terphenyl-d14	13.07	244	396456	21.21	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.70	163	80175	3.537	ng	99
70) Phenanthrene	11.51	178	292235	10.940	ng	96
71) Anthracene	11.57	178	107876	3.501	ng	99
74) Fluoranthene	12.71	202	558151	17.787	ng	97
77) Pyrene	12.94	202	529977	18.162	ng	97
80) Benzo(a)anthracene	14.13	228	268733	11.707	ng	96
82) Chrysene	14.17	228	242855	9.809	ng	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	130776	6.944	ng	# 86
87) Benzo(b)fluoranthene	15.22	252	271478m	12.490	ng	
88) Benzo(k)fluoranthene	15.24	252	166876m	6.253	ng	
89) Benzo(a)pyrene	15.61	252	249073	11.100	ng	97
91) Benzo(a,h,i)perylene	17.73	276	129739	6.850	ng	# 90

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

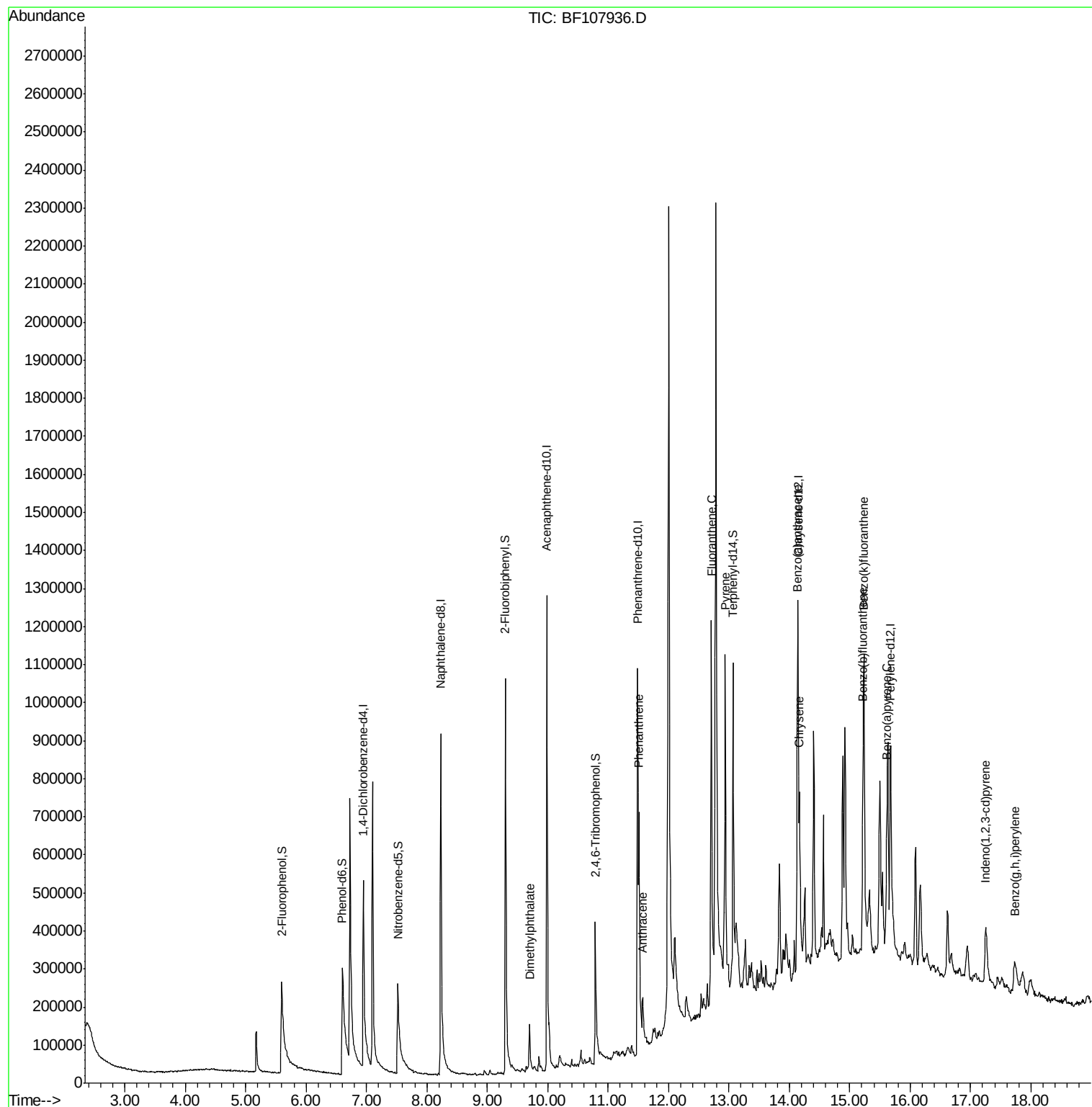
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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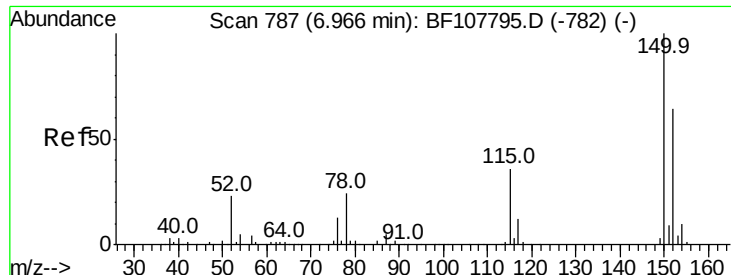
Instrument :
BNA_F
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NORTHLAWN-PRECHAR-AREA-3-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
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#1

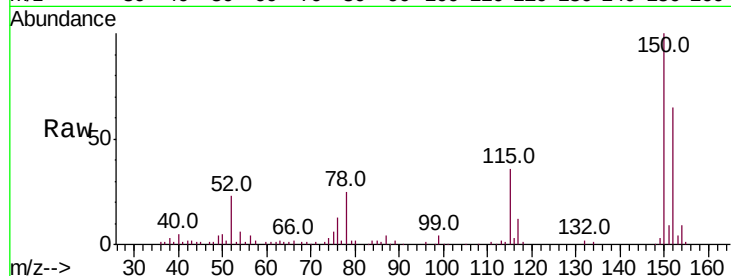
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.02 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	56.4	50.1	75.1

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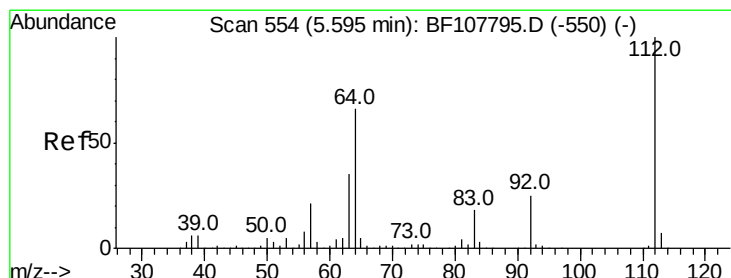
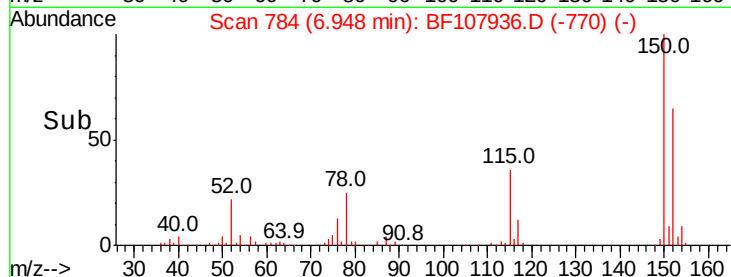
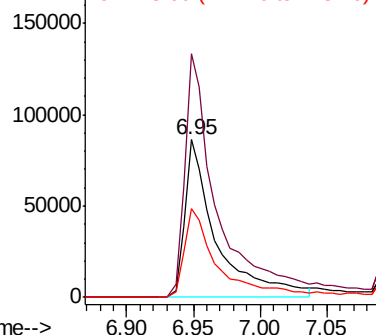


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

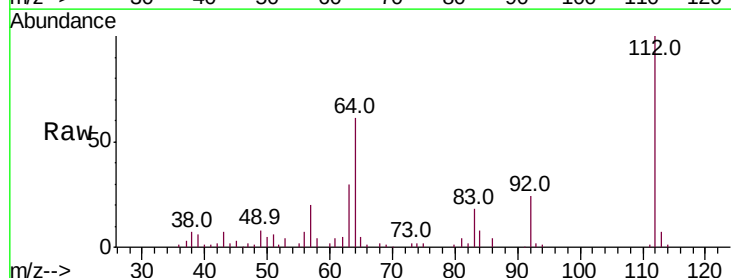
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 28.728 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	47.9	71.9
63	30.0	23.7	35.5

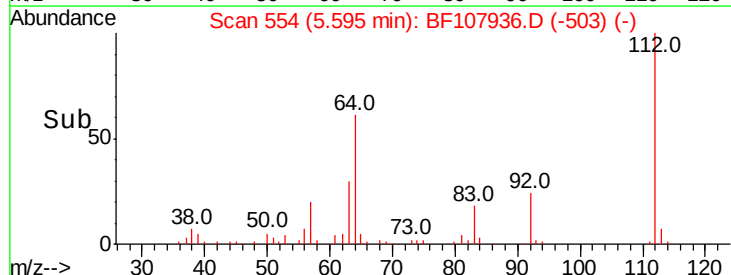
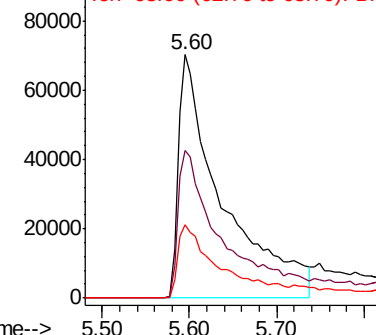


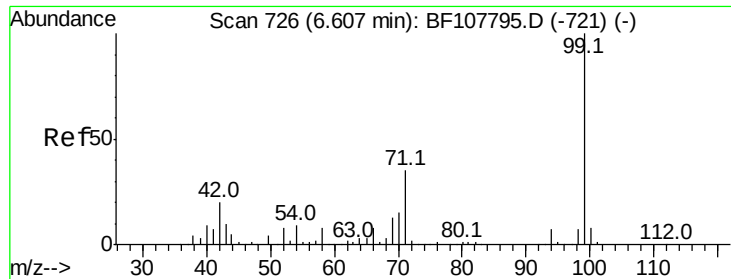
Abundance

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: 37.927 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107936.D

Acq: 3 Aug 2018 14:35

Instrument :

BNA_F

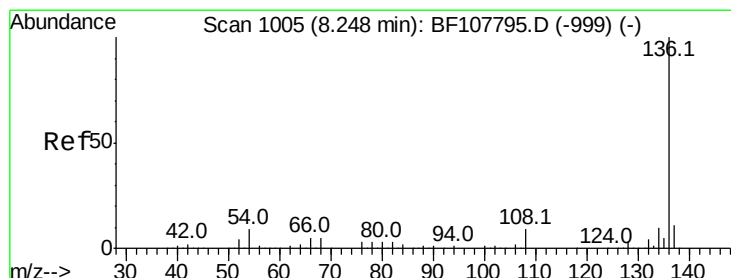
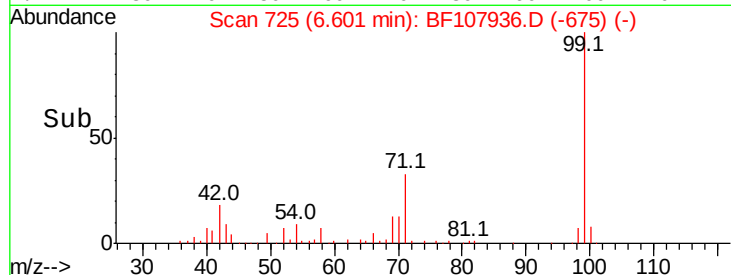
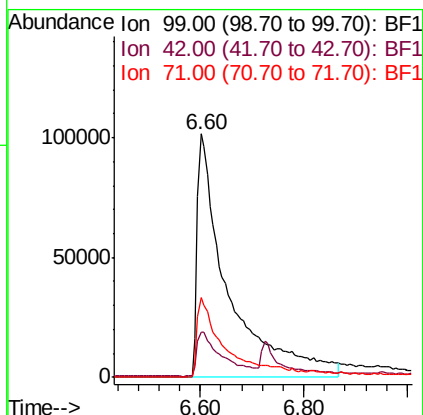
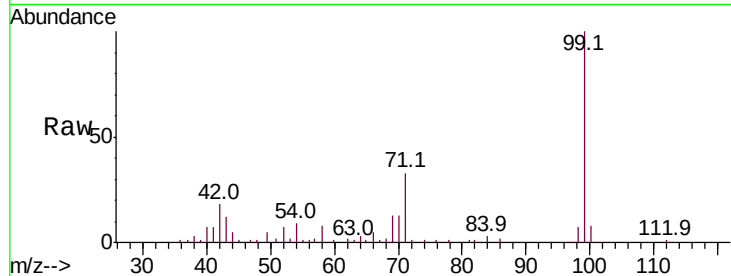
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion:	99	Resp:	421964
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.5	21.7
71	32.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

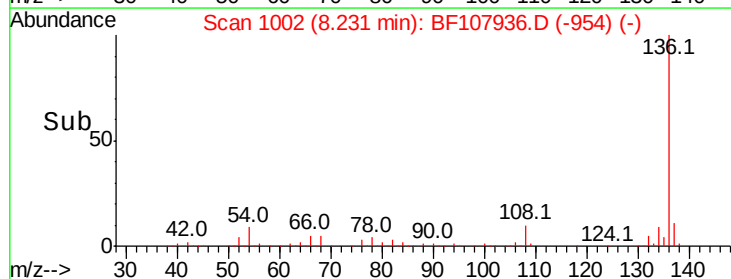
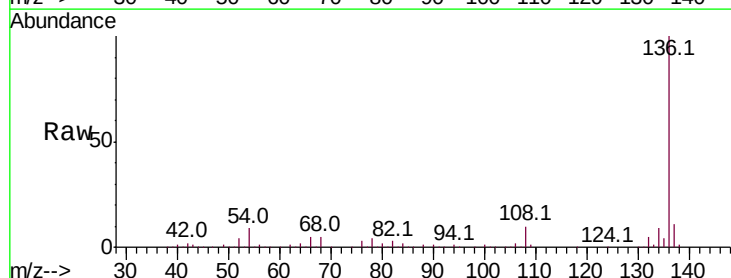
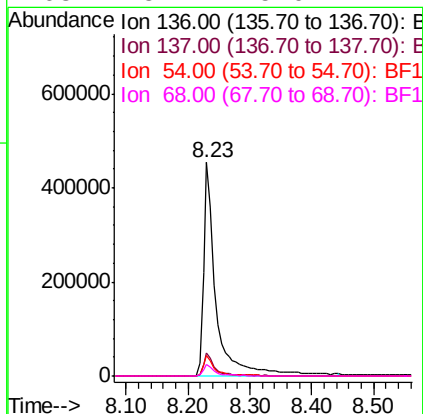
RT: 8.23 min Scan# 1002

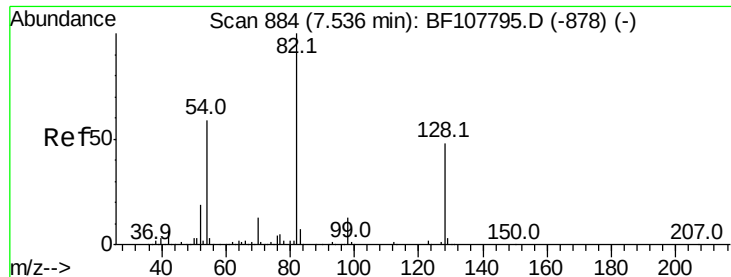
Delta R.T. -0.02 min

Lab File: BF107936.D

Acq: 3 Aug 2018 14:35

Tgt Ion:	136	Resp:	659276
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	5.4	5.0	7.4





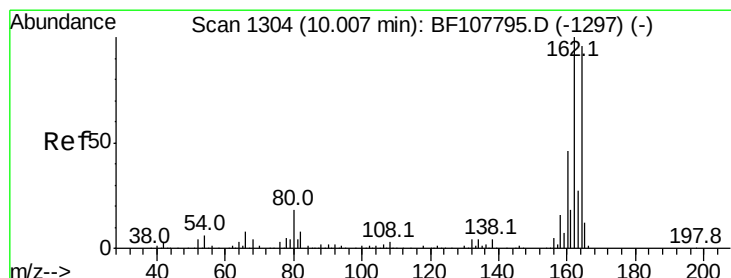
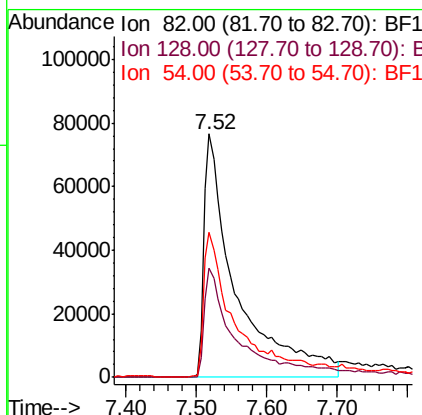
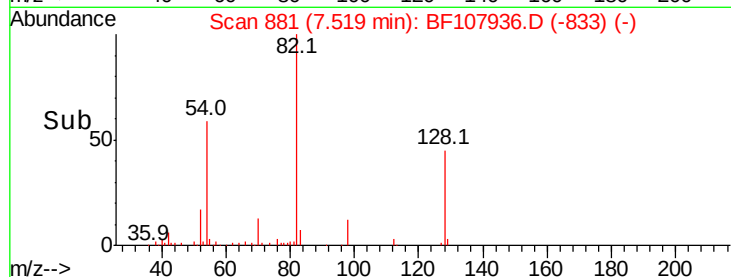
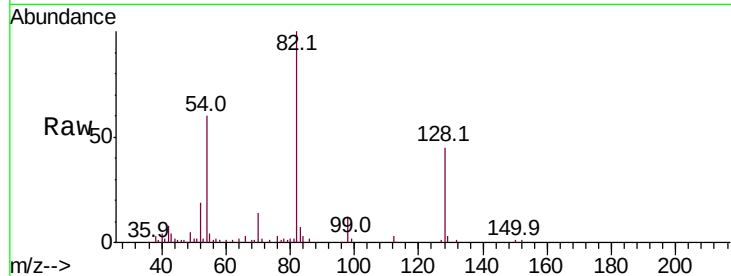
#23
Nitrobenzene-d5
Concen: 21.332 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100	244114		
128	44.8	36.1	54.1	
54	59.7	41.4	62.2	

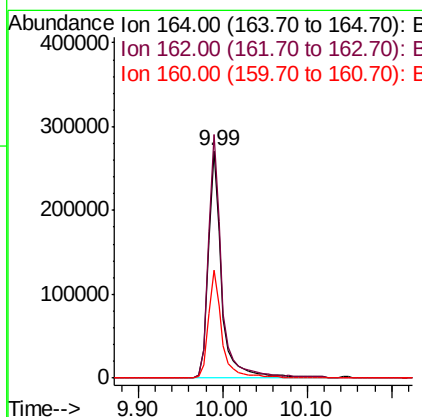
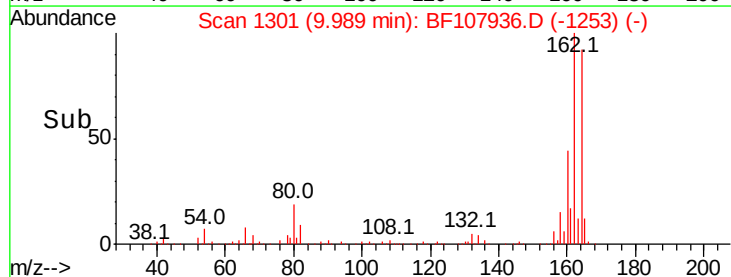
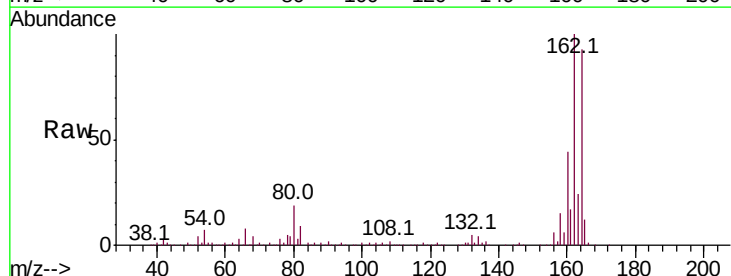
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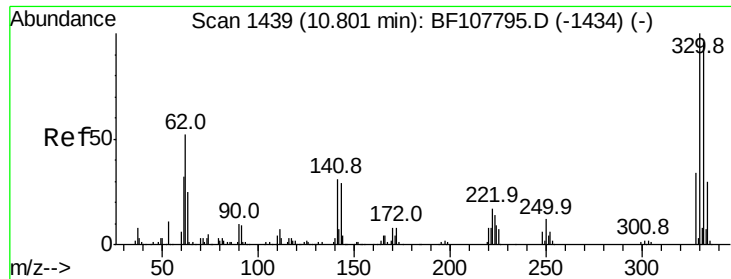
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	301823		
162	107.1	86.1	129.1	
160	47.4	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 21.417 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107936.D

Acq: 3 Aug 2018 14:35

Instrument :

BNA_F

ClientSampleId :

NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion:330 Resp: 87835

Ion Ratio Lower Upper

330 100

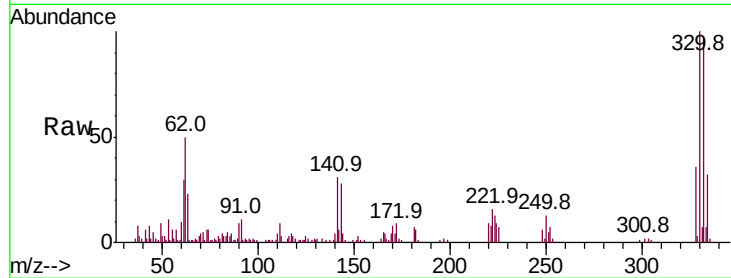
332 96.0 77.0 115.6

141 28.8 29.9 44.9#

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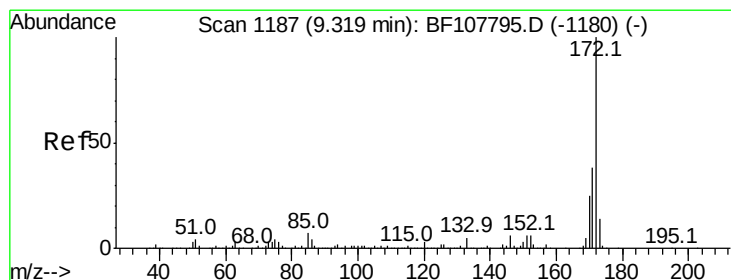
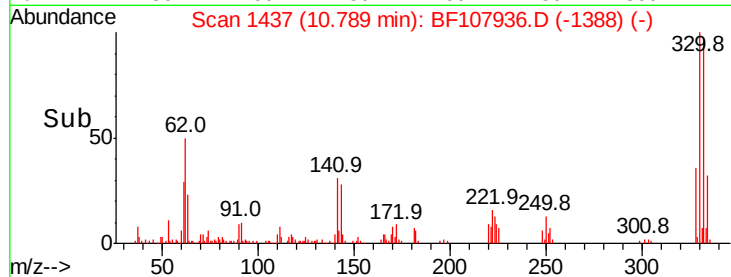
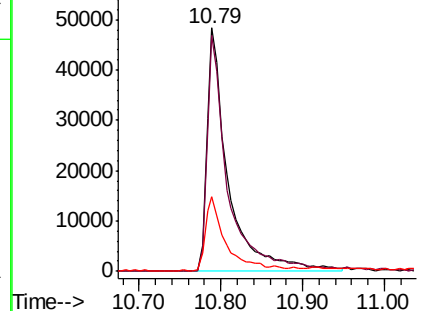
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 22.945 ng

RT: 9.30 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF107936.D

Acq: 3 Aug 2018 14:35

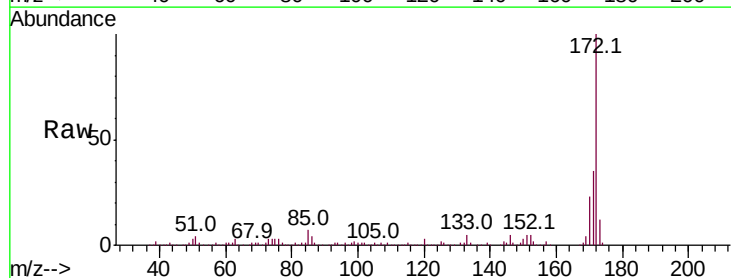
Tgt Ion:172 Resp: 496981

Ion Ratio Lower Upper

172 100

171 35.0 29.7 44.5

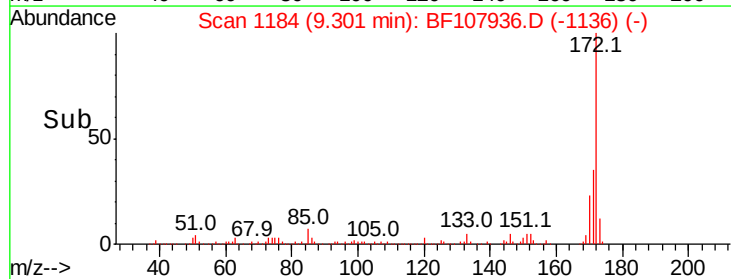
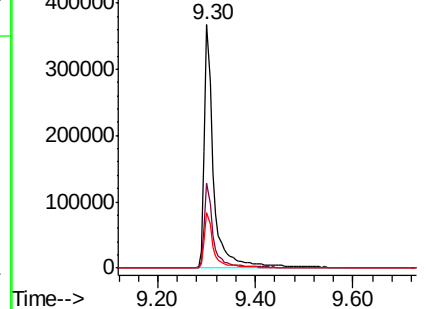
170 22.8 19.6 29.4

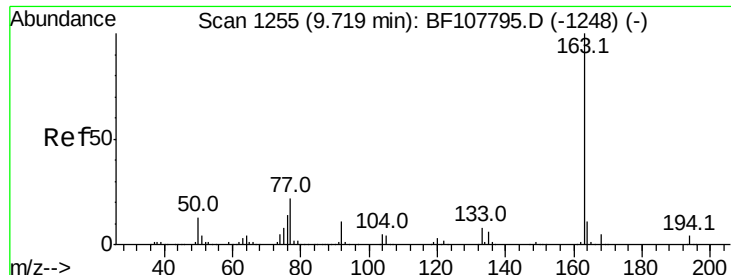


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





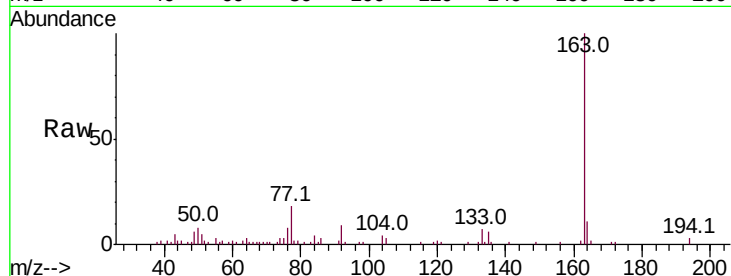
#49
 Dimethylphthalate
 Concen: 3.537 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF107936.D
 Acq: 3 Aug 2018 14:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHLAWN-PRECHAR-AREA-3-B

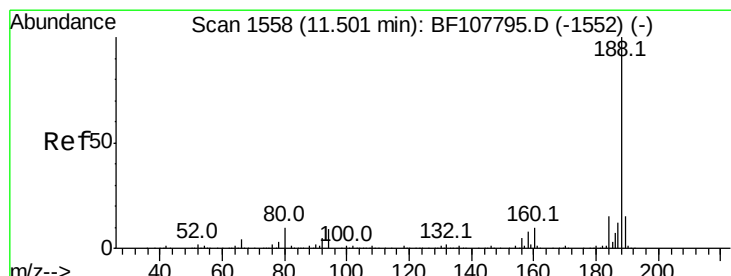
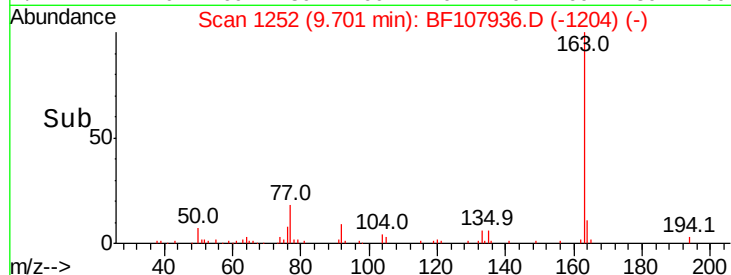
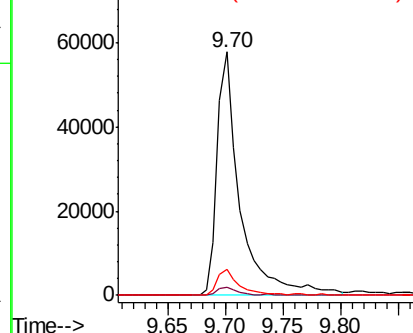
Tot Ion	163	Resp	80175
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.6	8.2	12.2

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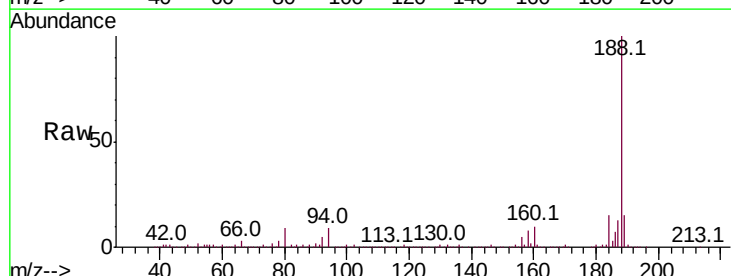


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

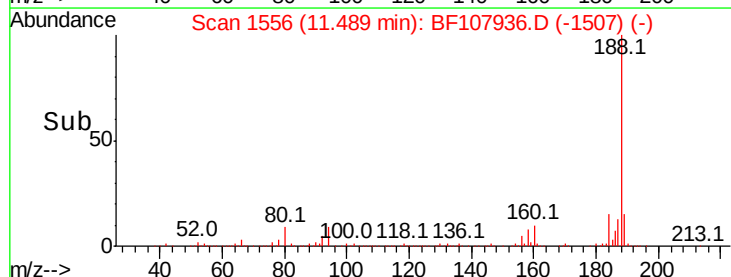
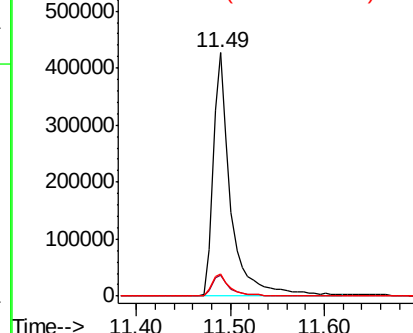


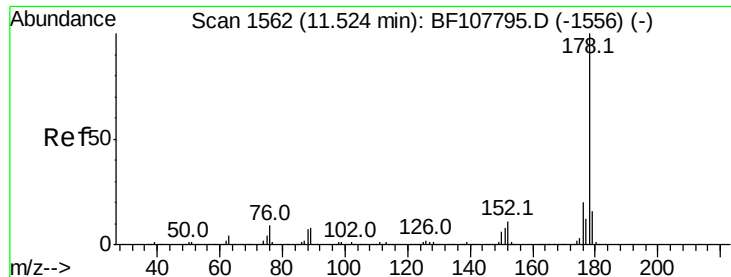
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107936.D
 Acq: 3 Aug 2018 14:35

Tgt Ion	188	Resp	562544
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.5	12.7
80	9.1	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





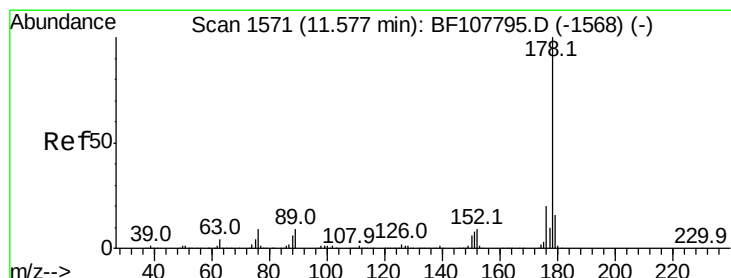
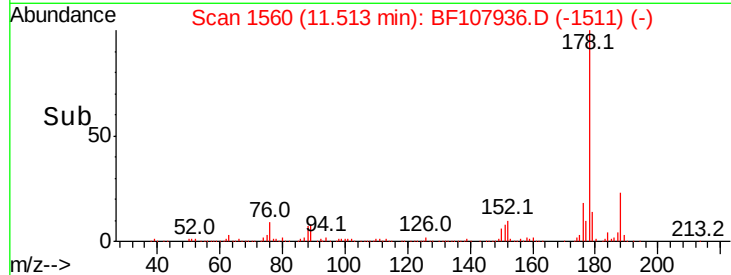
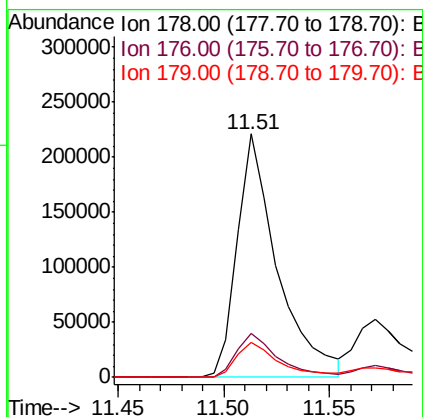
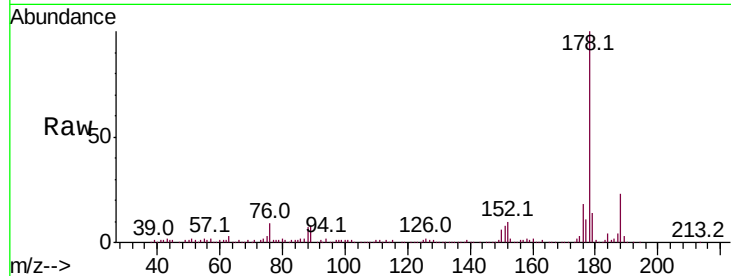
#70
Phenanthrene
Concen: 10.940 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion	Ratio	Resp	Lower	Upper
178	100	292235		
176	18.2	15.8	23.8	
179	14.3	13.0	19.6	

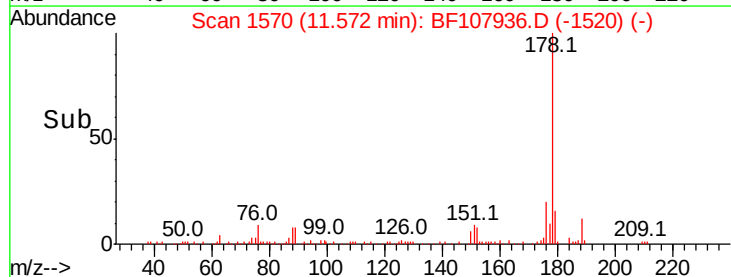
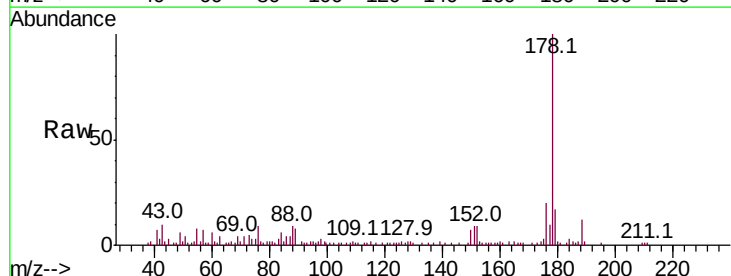
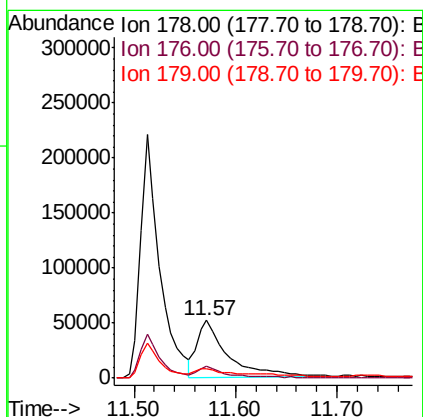
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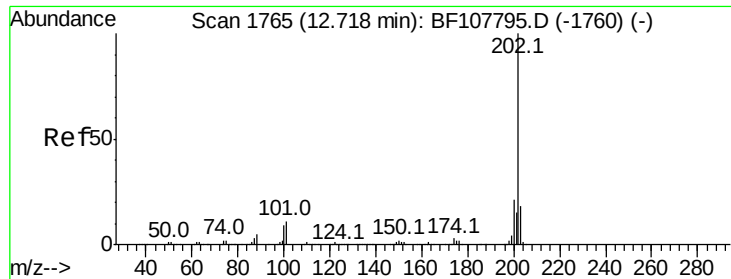
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#71
Anthracene
Concen: 3.501 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	107876		
176	19.7	15.4	23.2	
179	16.6	12.6	19.0	





#74

Fluoranthene

Concen: 17.787 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107936.D

Acq: 3 Aug 2018 14:35

Instrument :

BNA_F

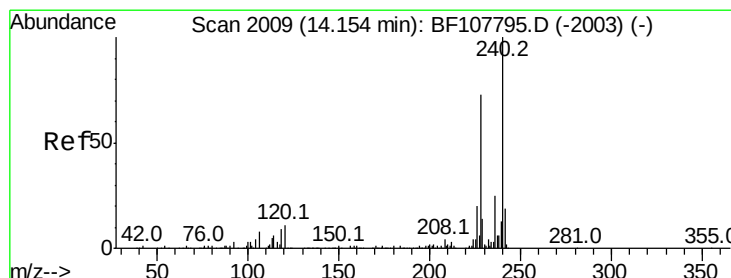
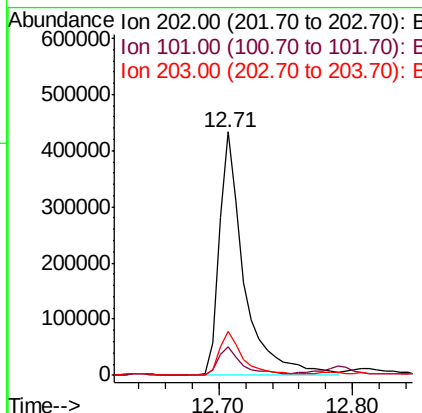
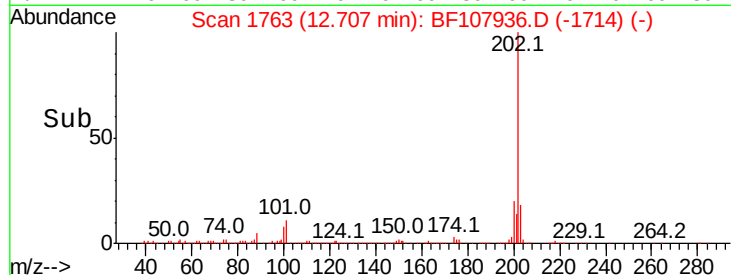
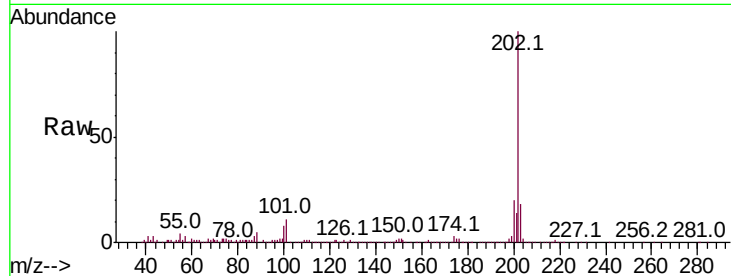
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion:	202	Resp:	558151
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

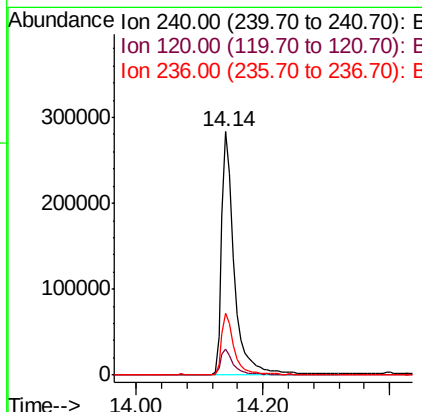
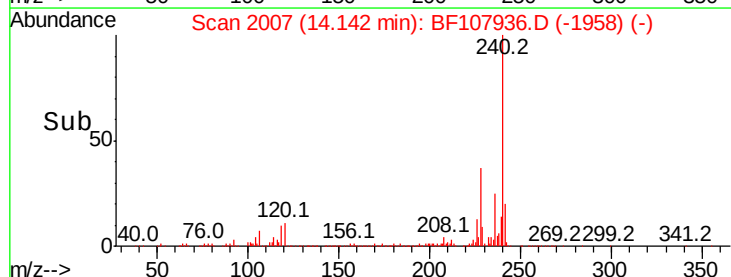
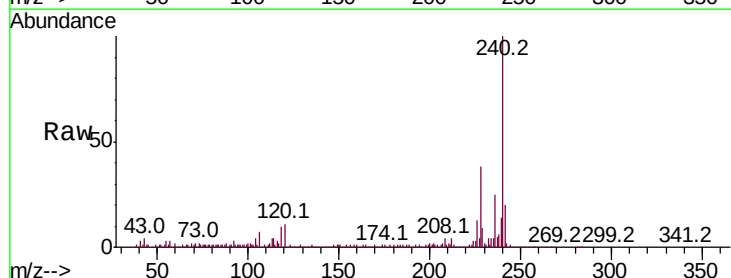
RT: 14.14 min Scan# 2007

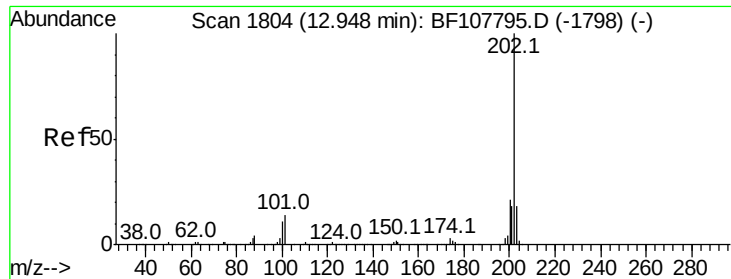
Delta R.T. -0.01 min

Lab File: BF107936.D

Acq: 3 Aug 2018 14:35

Tgt Ion:	240	Resp:	405228
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	25.3	20.7	31.1





#77

Pvrene

Concen: 18.162 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107936.D

Acq: 3 Aug 2018 14:35

Instrument :

BNA_F

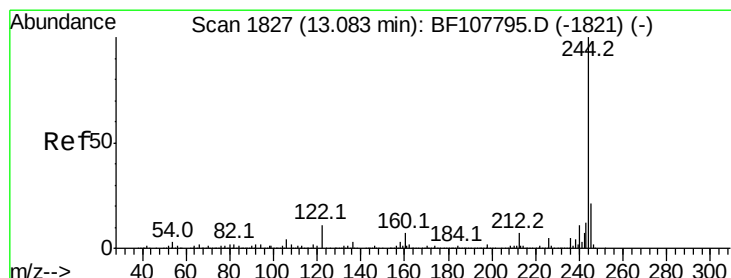
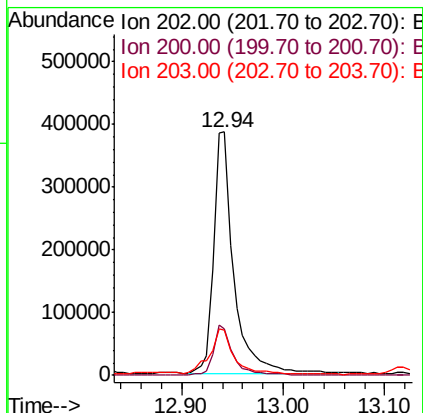
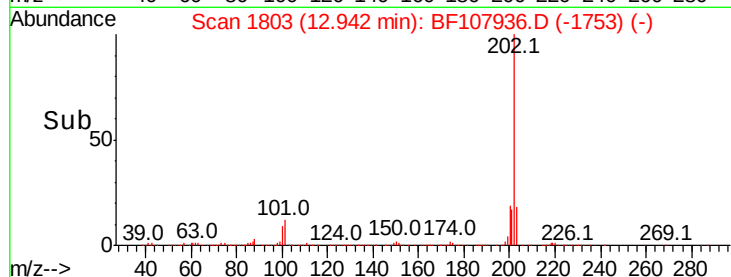
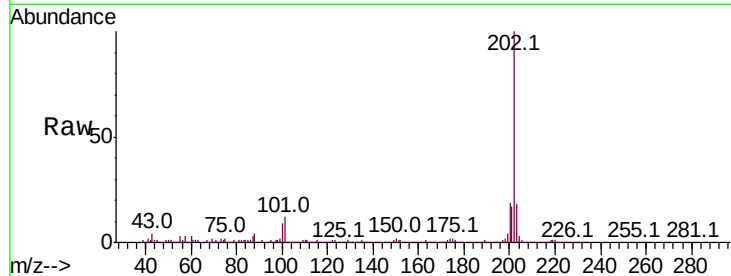
ClientSampleId :

NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion:202	Resp:	529977
Ion Ratio	Lower	Upper
202 100		
200 19.3	17.4	26.2
203 18.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 21.215 ng

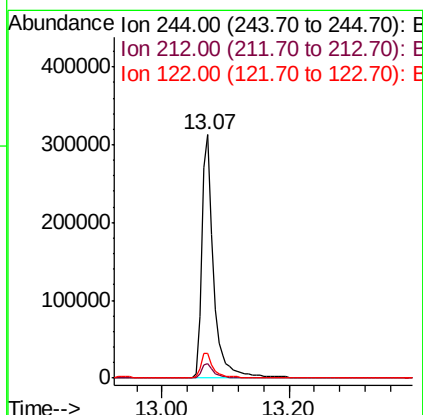
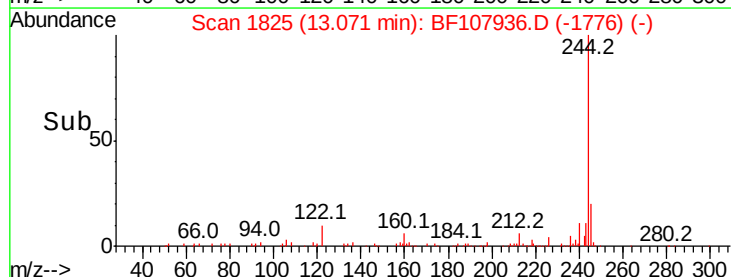
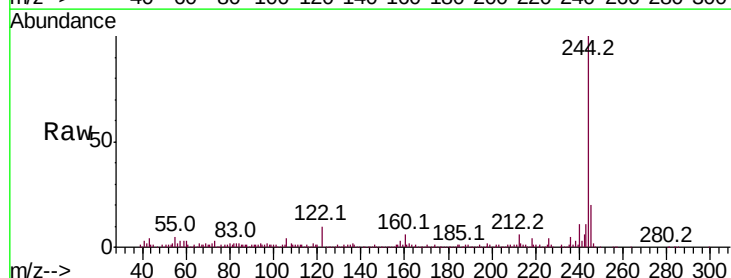
RT: 13.07 min Scan# 1825

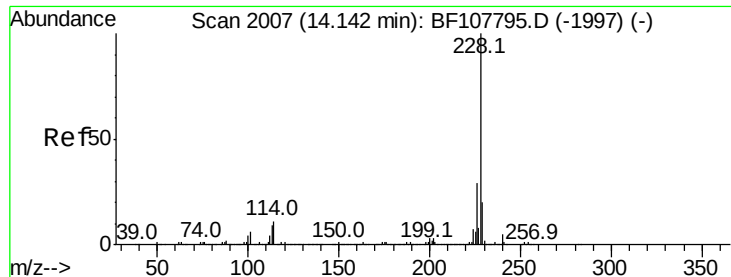
Delta R.T. -0.01 min

Lab File: BF107936.D

Acq: 3 Aug 2018 14:35

Tgt Ion:244	Resp:	396456
Ion Ratio	Lower	Upper
244 100		
212 6.2	5.4	8.0
122 10.4	11.0	16.4#





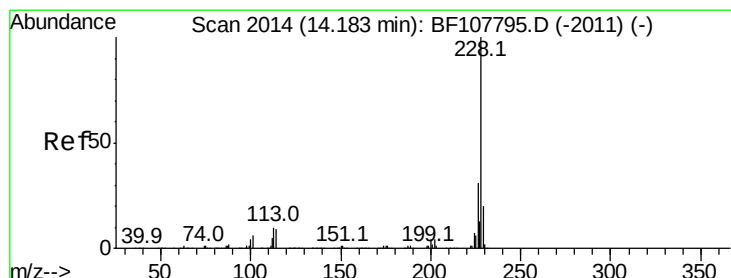
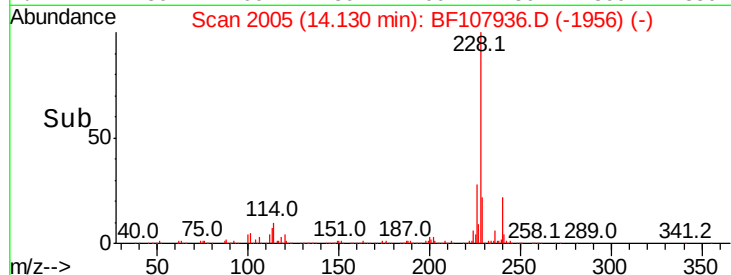
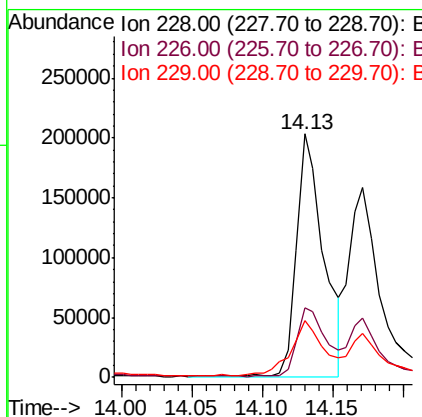
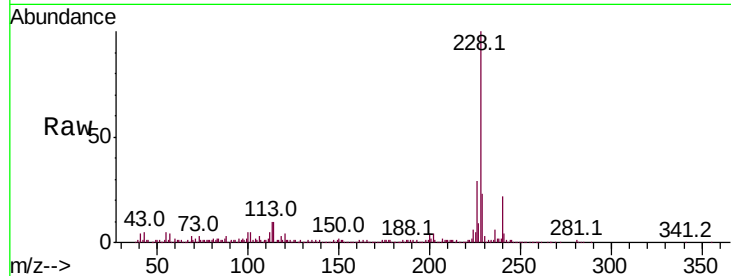
#80
Benzo(a)anthracene
Concen: 11.707 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion	Ratio	Resp	Lower	Upper
228	100	268733		
226	28.7		22.6	33.8
229	23.1		15.8	23.6

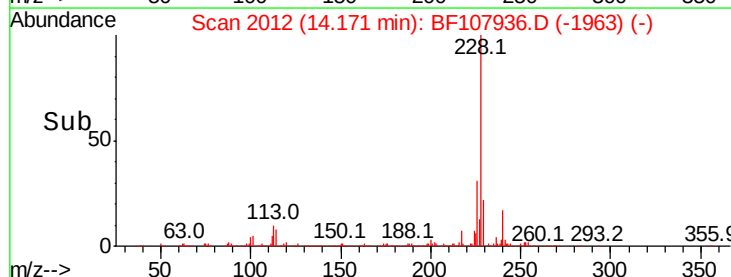
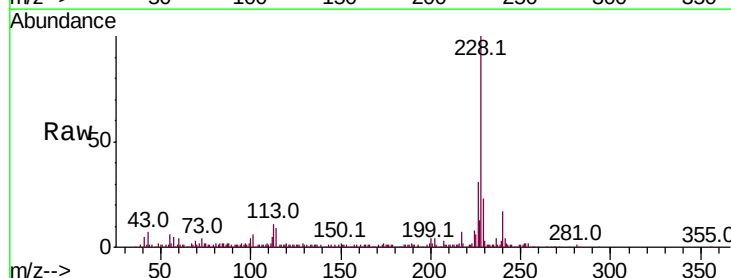
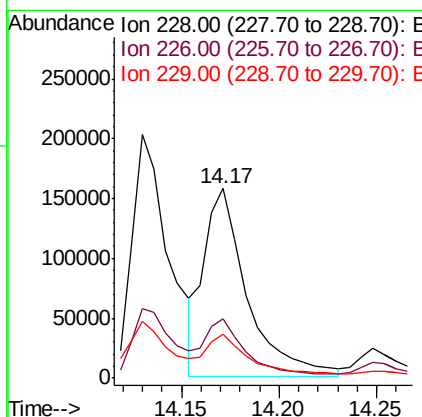
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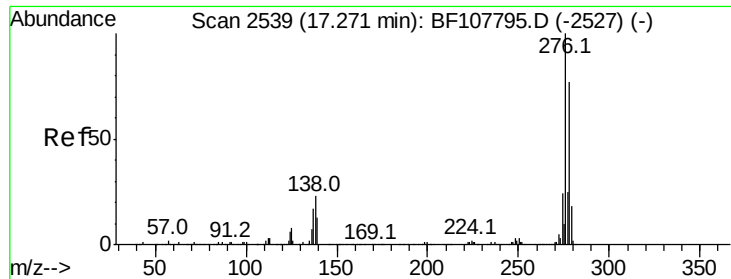
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#82
Chrysene
Concen: 9.809 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	242855		
226	31.5		25.0	37.6
229	23.0		16.2	24.4





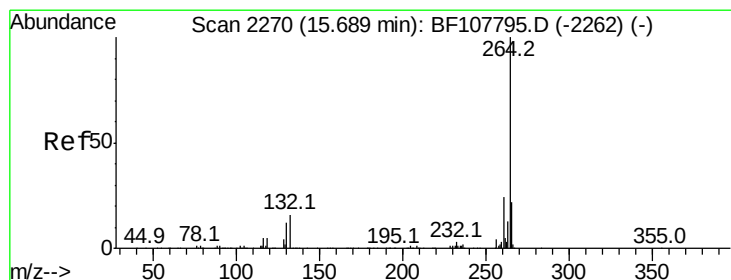
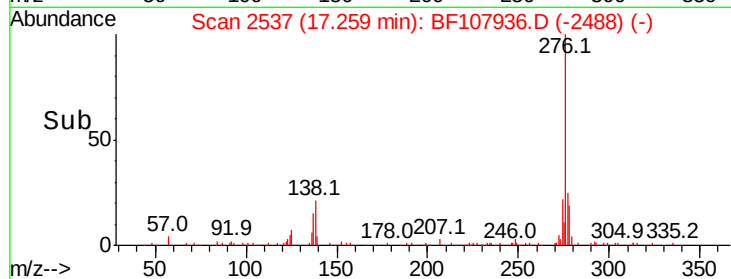
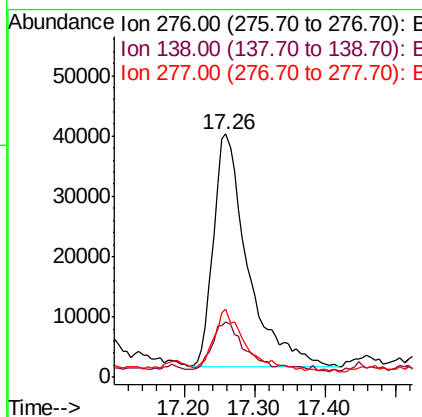
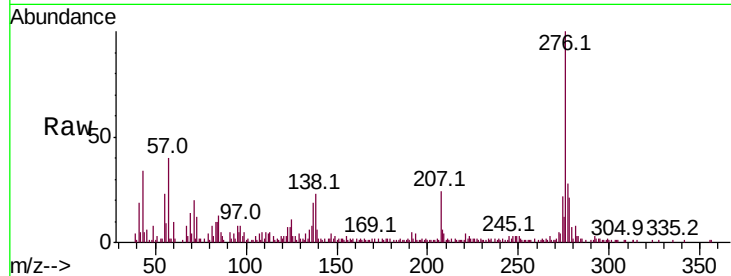
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.944 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	25.0	37.6#
277	23.3	20.1	30.1

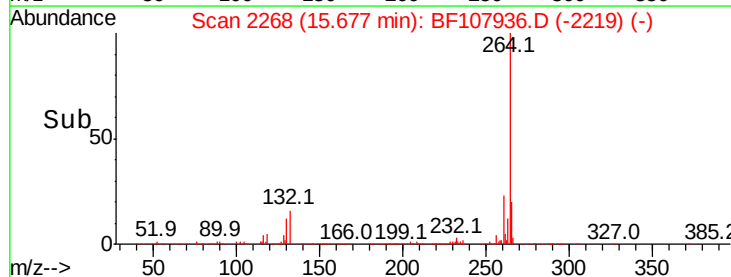
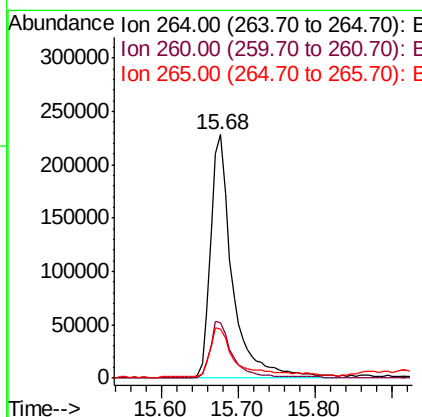
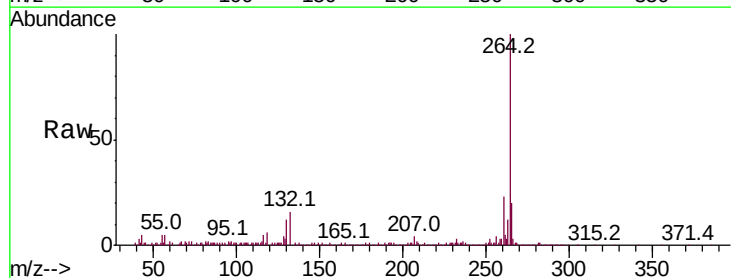
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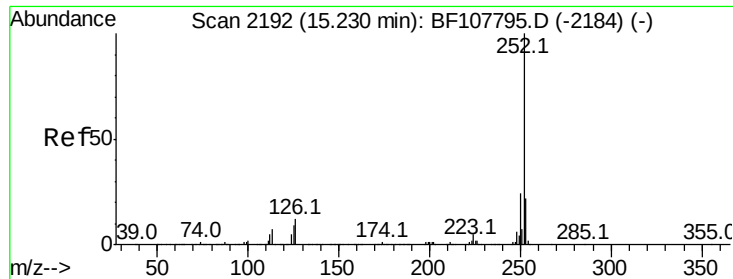
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.4	17.5	26.3





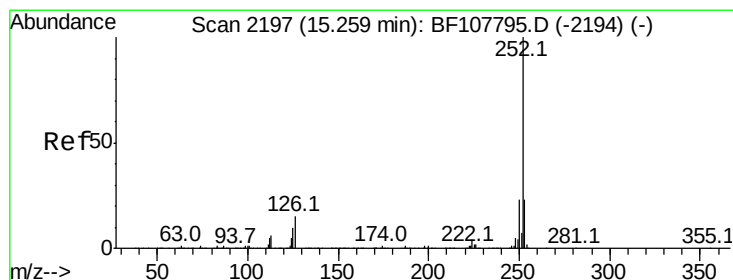
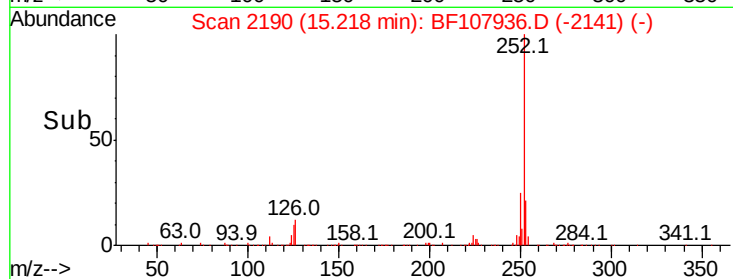
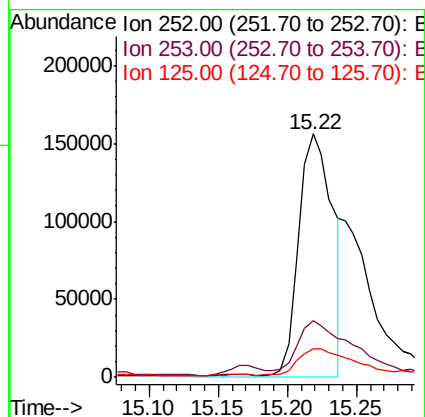
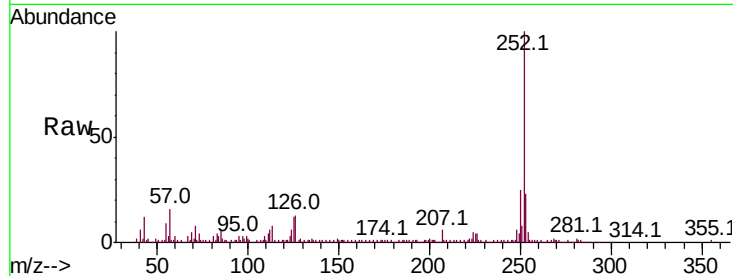
#87
Benzo(b)fluoranthene
Concen: 12.490 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	11.9	9.0	13.6

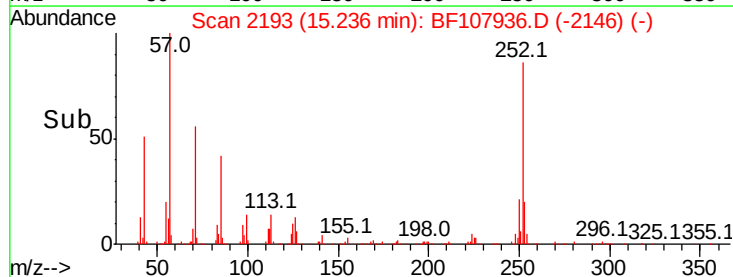
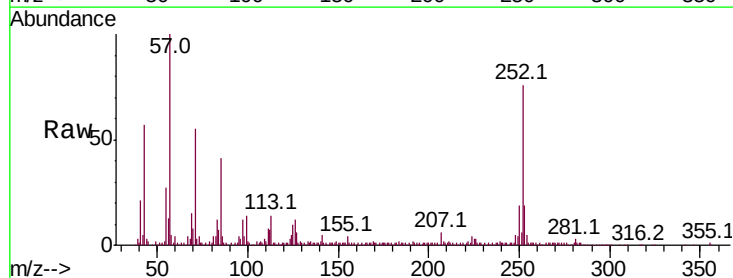
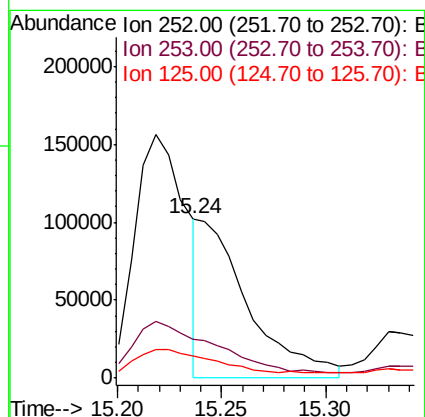
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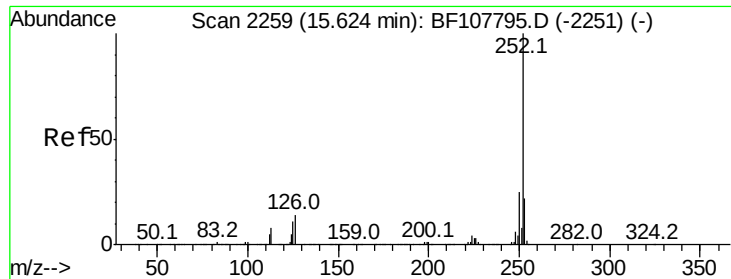
Sohil
8/6/2018 5:05:17 PM



#88
Benzo(k)fluoranthene
Concen: 6.253 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.9	26.9
125	13.6	10.2	15.2





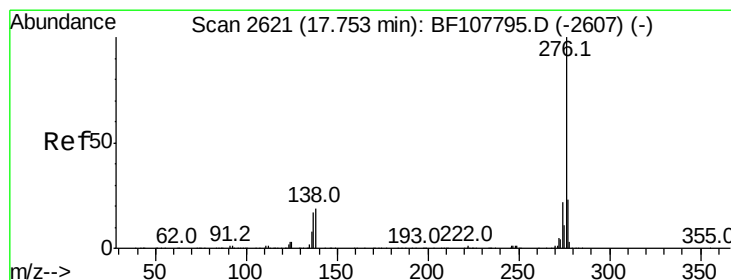
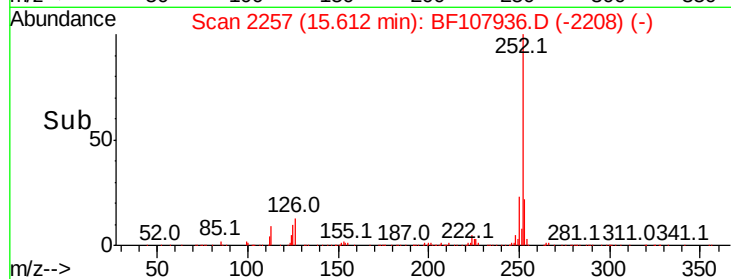
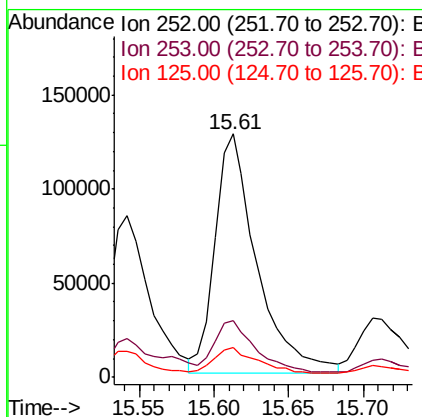
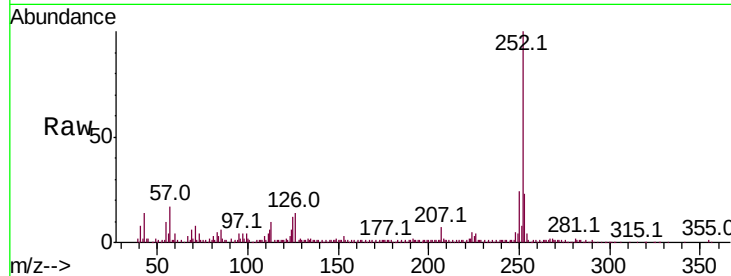
#89
Benzo(a)pyrene
Concen: 11.100 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Instrument :
BNA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.3	17.1	25.7	
125	12.4	9.8	14.6	

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 6.850 ng
RT: 17.73 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF107936.D
Acq: 3 Aug 2018 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	26.7	17.9	26.9	
138	21.4	21.8	32.8	

