

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107959.D
 Acq On : 4 Aug 2018 00:58
 Operator : JU/SJ
 Sample : J4313-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Manual Integrations
 APPROVED

Sohil
 8/6/2018 5:06:02 PM

Quant Time: Aug 04 06:33:42 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	7.00	152	3190	20.00	ng	0.03
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.25
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.01
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.50
75) Chrysene-d12	14.14	240	412	20.00	ng	-0.01
86) Perylene-d12	15.67	264	644	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	482694	2571.66	ng	0.00
7) Phenol-d6	6.60	99	725931	2934.55	ng	-0.01
23) Nitrobenzene-d5	7.52	82	404680	0.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	158148	0.00	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	875575	0.00	ng	-0.02
78) Terphenyl-d14	13.07	244	773921	40732.86	ng	-0.01
Target Compounds						
77) Pyrene	12.94	202	120159	4050.204	ng	Qvalue 97
80) Benzo(a)anthracene	14.13	228	71014m	3042.801	ng	
82) Chrysene	14.17	228	74599	2963.487	ng	96
83) Bis(2-ethylhexyl)phthalate	14.08	149	6850	419.411	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.27	276	21263	1110.509	ng	# 86
87) Benzo(b)fluoranthene	15.22	252	62544m	1969.145	ng	
88) Benzo(k)fluoranthene	15.24	252	41465m	1063.322	ng	
89) Benzo(a)pyrene	15.61	252	47504	1448.757	ng	# 90
91) Benzo(g,h,i)perylene	17.74	276	19523	705.437	ng	97

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

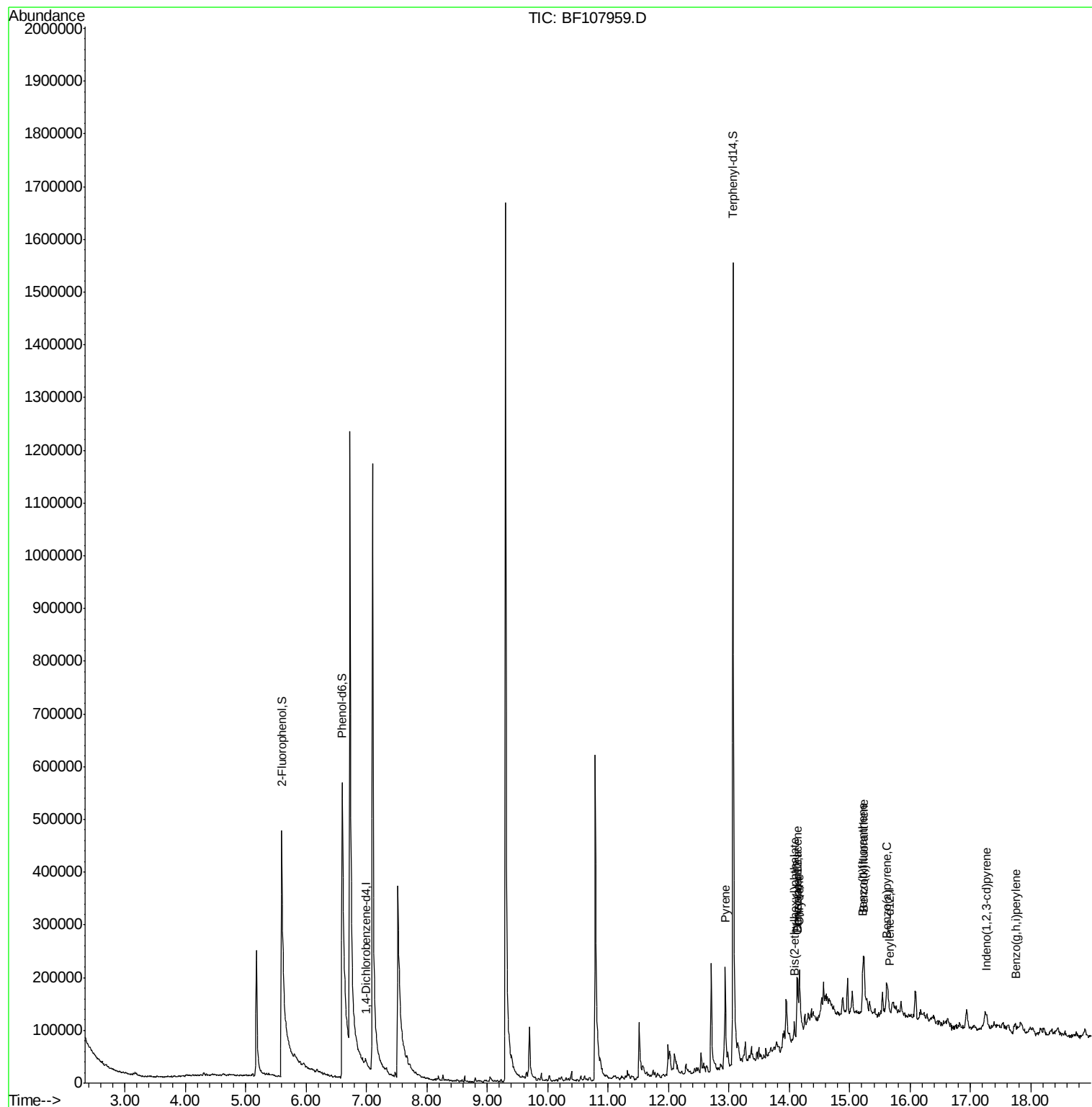
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107959.D
Acq On : 4 Aug 2018 00:58
Operator : JU/SJ
Sample : J4313-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

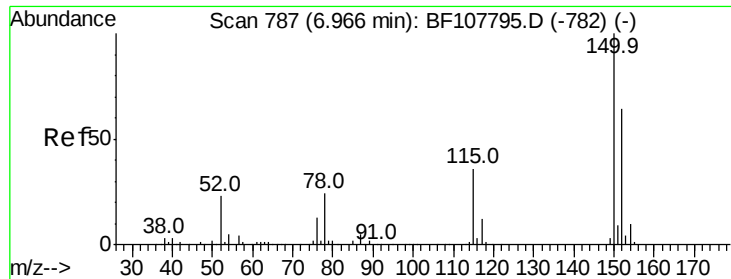
Instrument :
BNA_F
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C-5

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.00 min Scan# 792

Delta R.T. 0.03 min

Lab File: BF107959.D

Acq: 4 Aug 2018 00:58

Instrument :

BNA_F

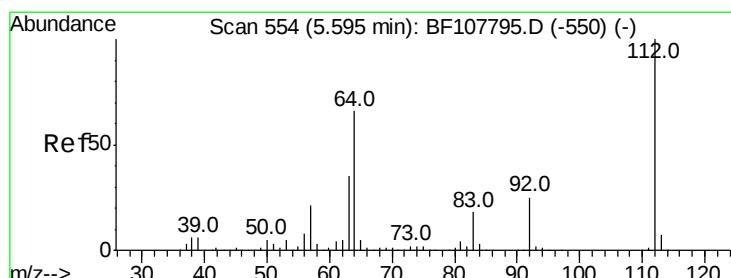
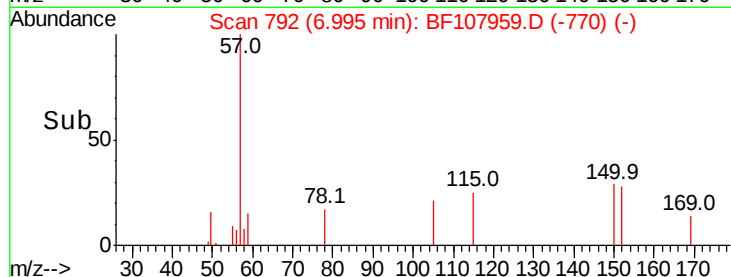
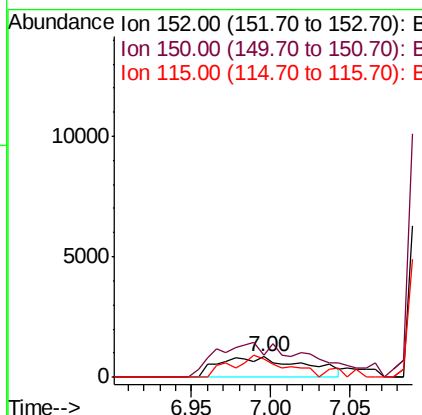
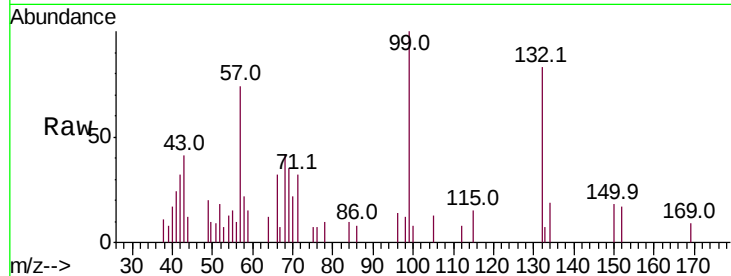
ClientSampled :

C-5

Tot Ion:	152	Resp:	3190
Ion Ratio	Lower	Upper	
152	100		
150	106.1	124.6	186.8#
115	88.8	50.1	75.1#

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#5

2-Fluorophenol

Concen: 2571.664 ng

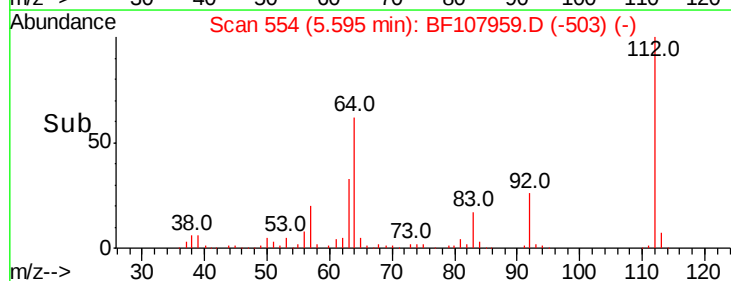
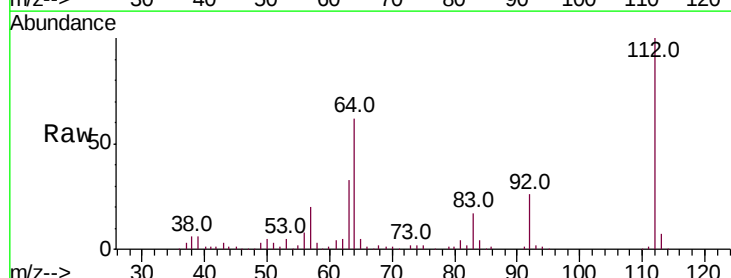
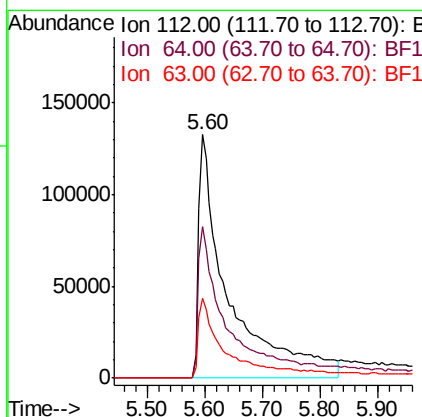
RT: 5.60 min Scan# 554

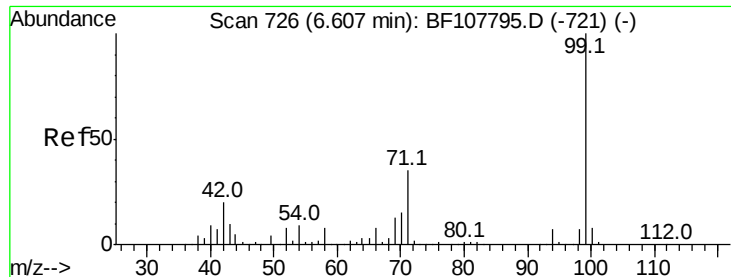
Delta R.T. 0.00 min

Lab File: BF107959.D

Acq: 4 Aug 2018 00:58

Tgt Ion:	112	Resp:	482694
Ion Ratio	Lower	Upper	
112	100		
64	62.3	47.9	71.9
63	32.6	23.7	35.5





#7

Phenol-d6

Concen: 2934.549 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF107959.D

Acq: 4 Aug 2018 00:58

Instrument :

BNA_F

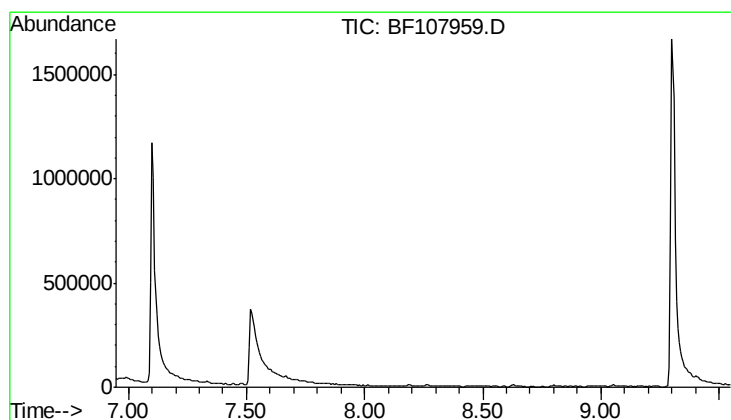
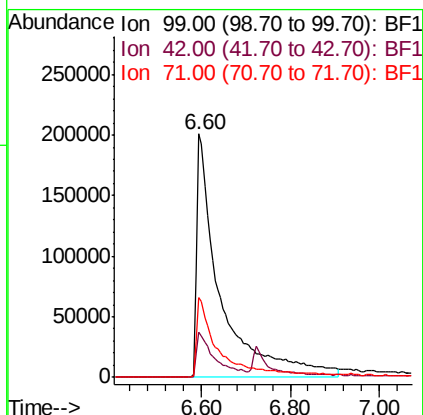
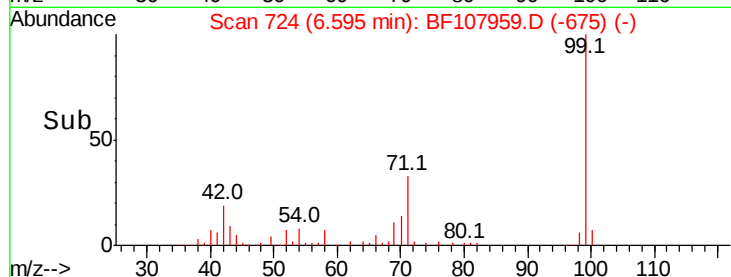
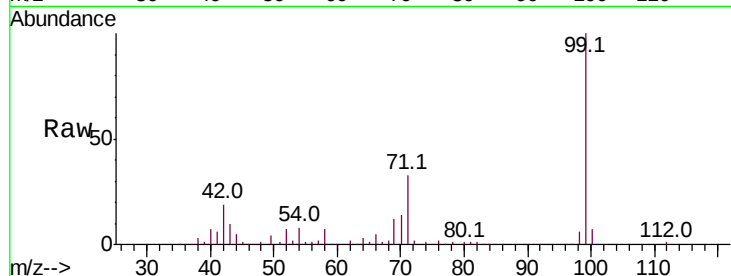
ClientSampleId :

C-5

Tot Ion:	99	Resp:	725931
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.5	21.7
71	32.9	25.4	38.0

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#21

Naphthalene-d8

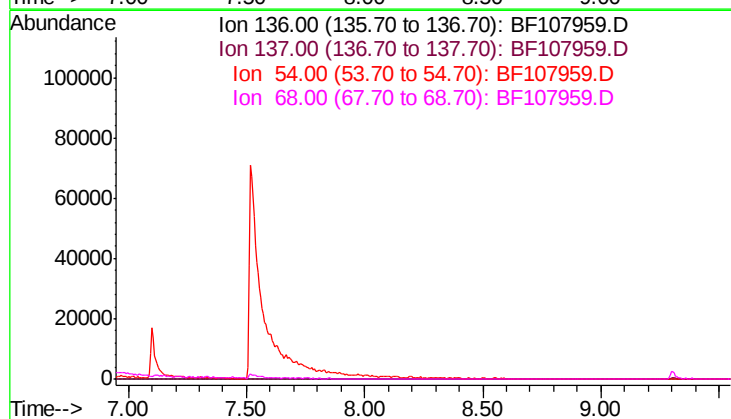
Concen: 0.000 ng

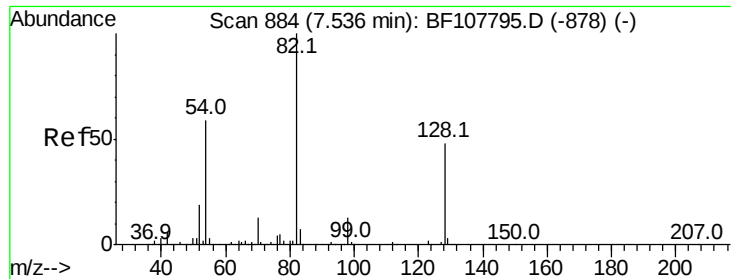
Expected RT: 8.25 min

Lab File: BF107959.D

Acq: 4 Aug 2018 00:58

Tgt Ion:	136
Sig	Exp Ratio
136	100
137	11.1
54	8.2
68	6.2





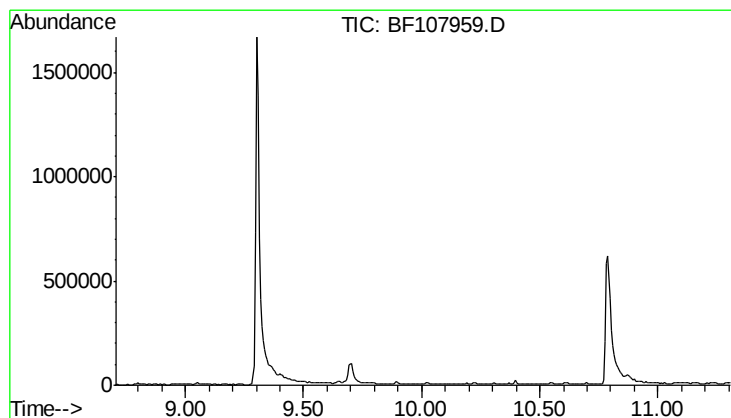
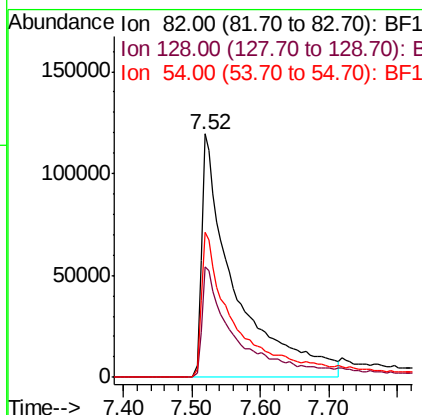
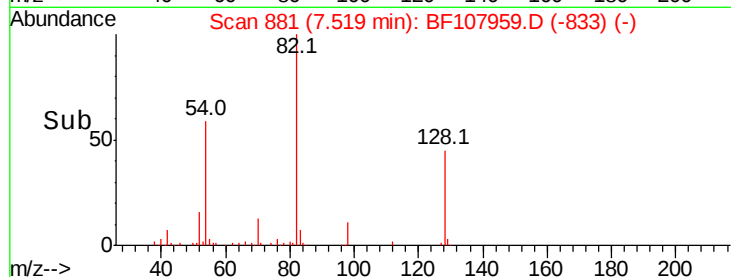
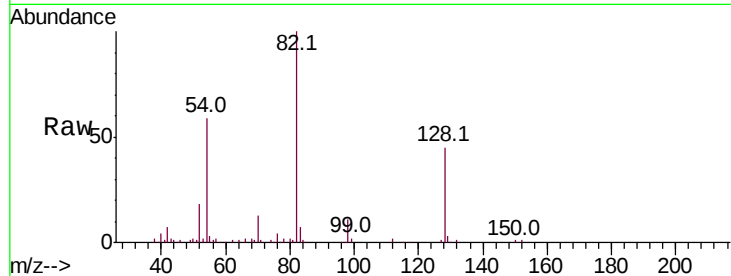
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	45.3	36.1	54.1	
54	59.3	41.4	62.2	

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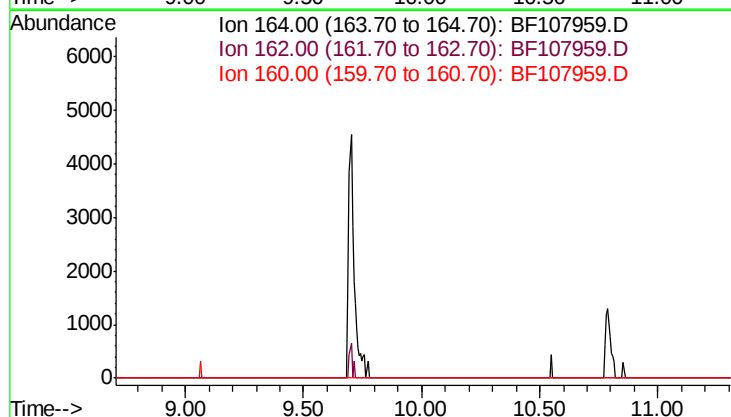
Sohil
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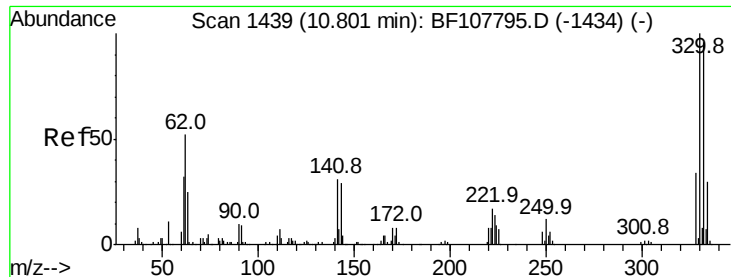


#38
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 10.01 min

Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Tgt Ion	Sig	Exp Ratio
164	100	
162	107.6	
160	47.9	





#41

2,4,6-Tribromophenol

Concen: 0.000 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107959.D

Acq: 4 Aug 2018 00:58

Instrument :

BNA_F

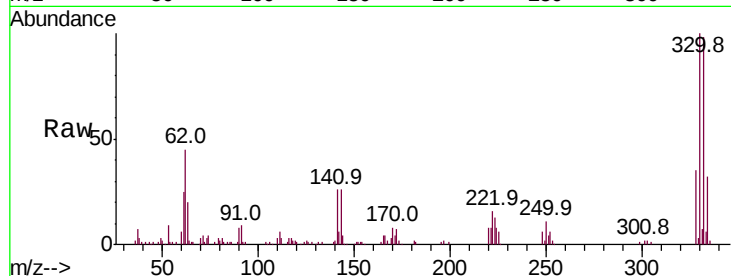
ClientSampled :

C-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	92.7	77.0	115.6	
141	27.6	29.9	44.9	

Manual Integrations
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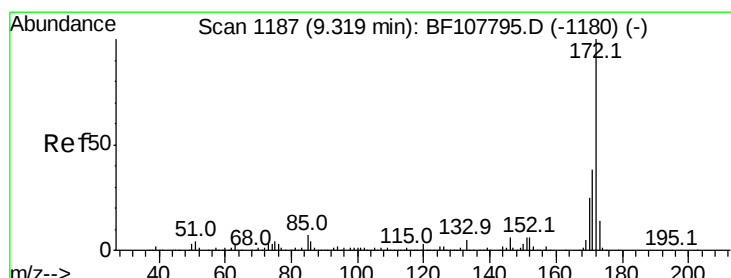
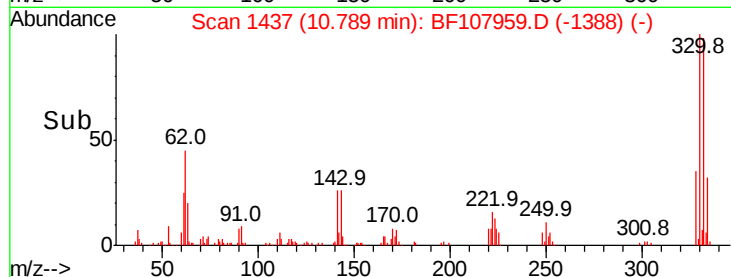
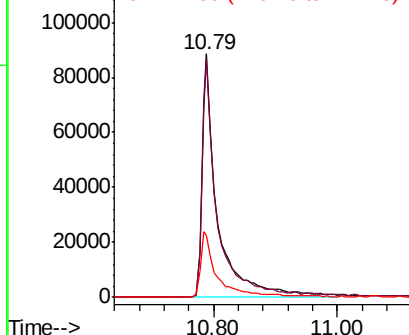


Abundance

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: 0.000 ng

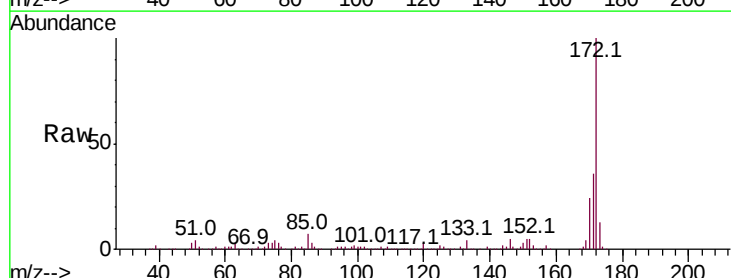
RT: 9.30 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF107959.D

Acq: 4 Aug 2018 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.7	44.5	
170	23.9	19.6	29.4	

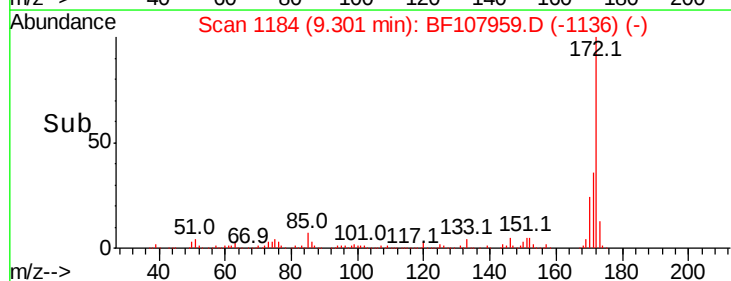
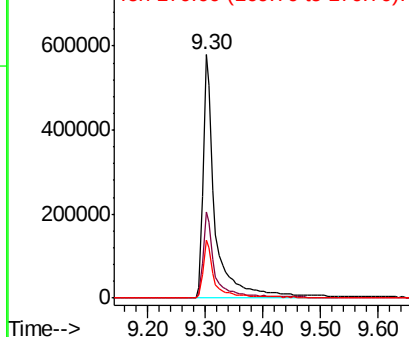


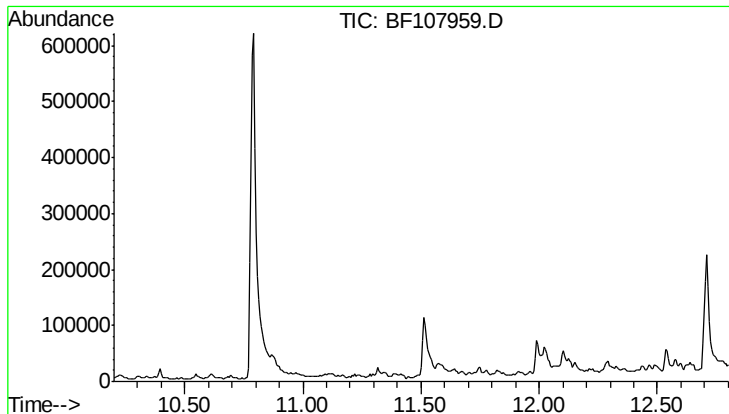
Abundance

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





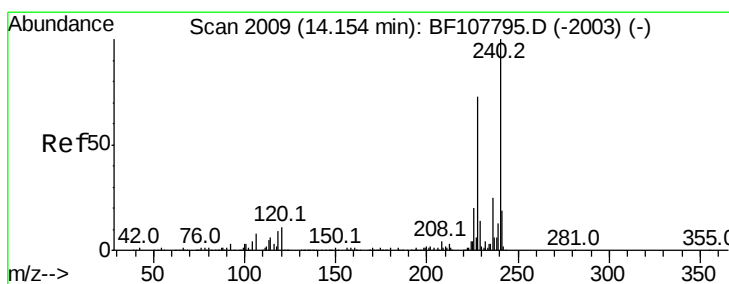
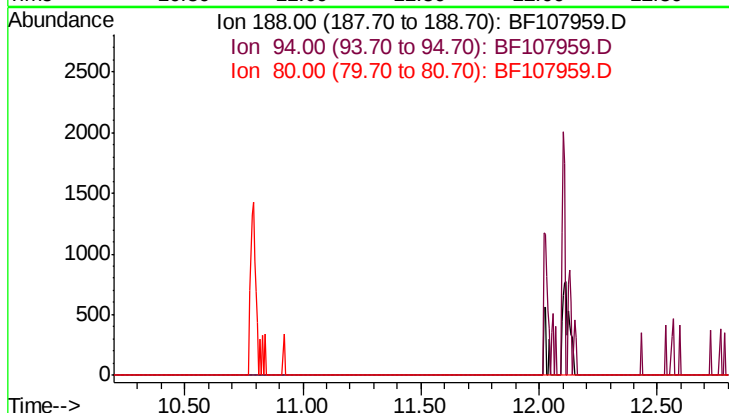
#63
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 11.50 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion: 188
Sig Exp Ratio
188 100
94 10.6
80 11.5

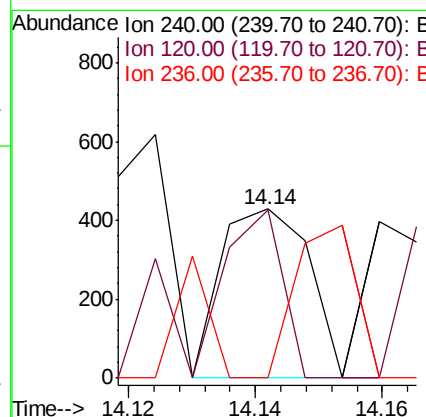
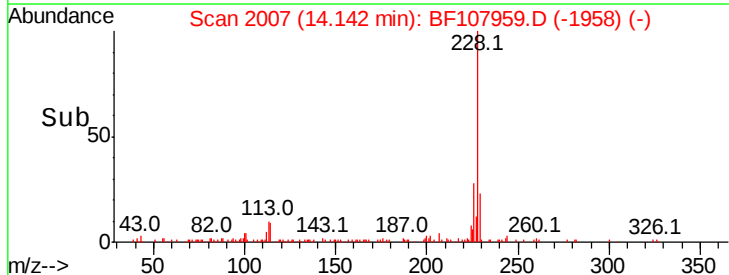
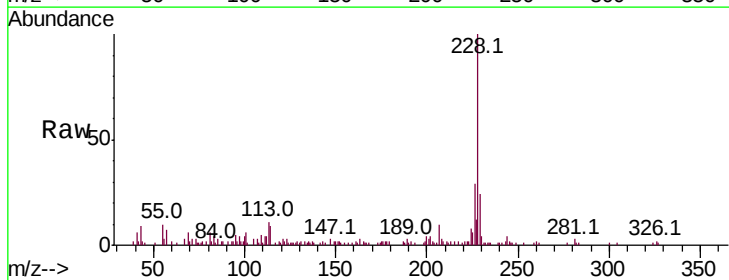
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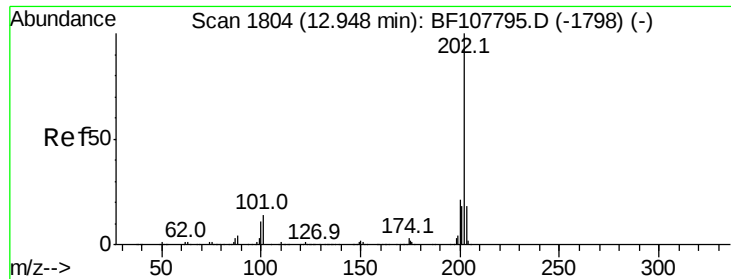
Sohil
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Tgt Ion:240 Resp: 412
Ion Ratio Lower Upper
240 100
120 99.8 9.5 14.3#
236 0.0 20.7 31.1#





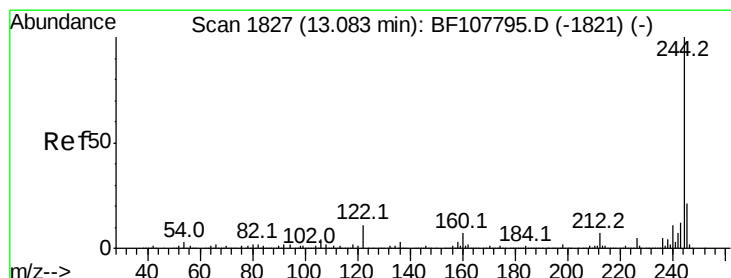
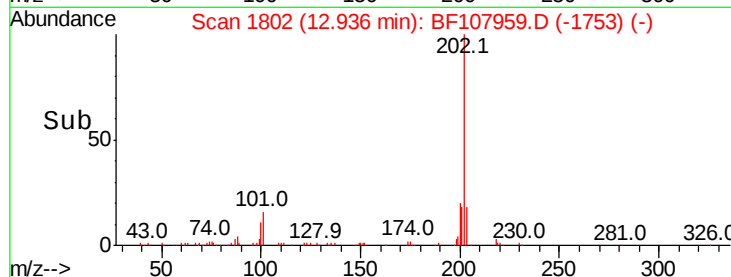
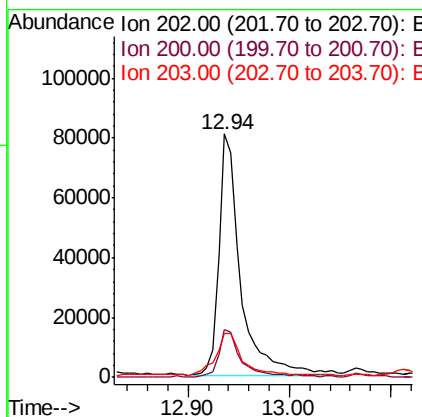
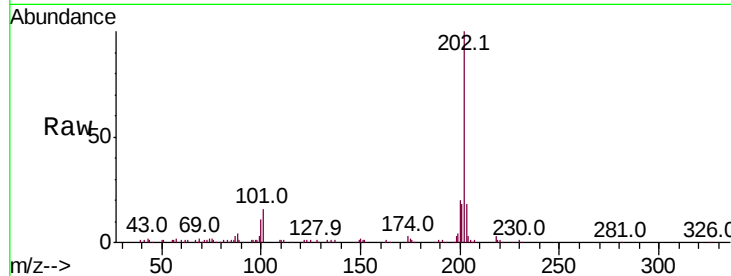
#77
Pvrene
Concen: 4050.204 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Instrument :
BNA_F
ClientSampled :
C-5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.5	17.4	26.2
203	18.2	14.3	21.5

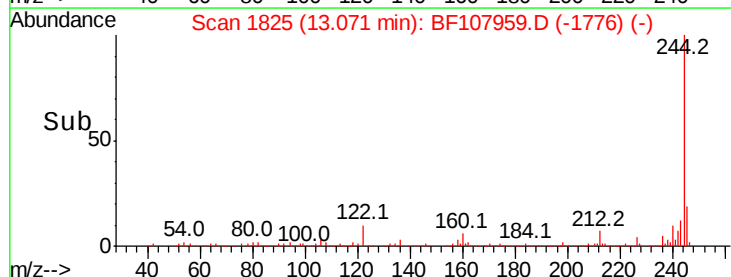
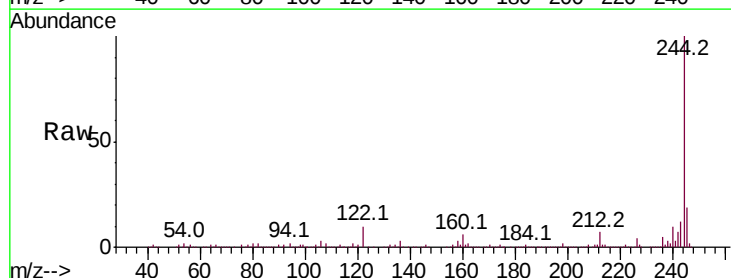
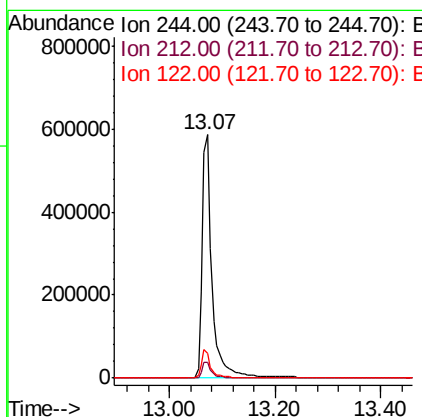
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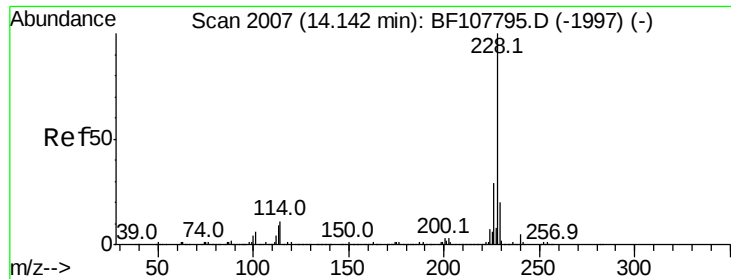
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#78
Terphenyl-d14
Concen: 40732.862 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.3	11.0	16.4#





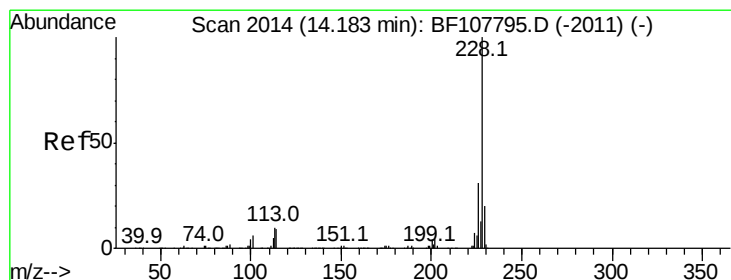
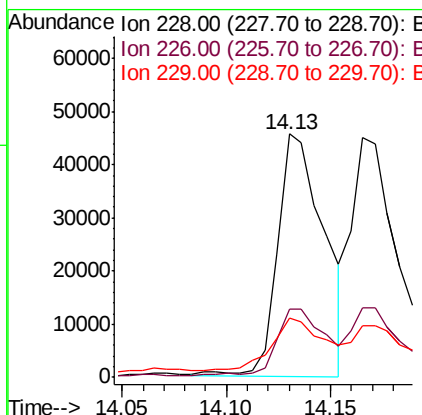
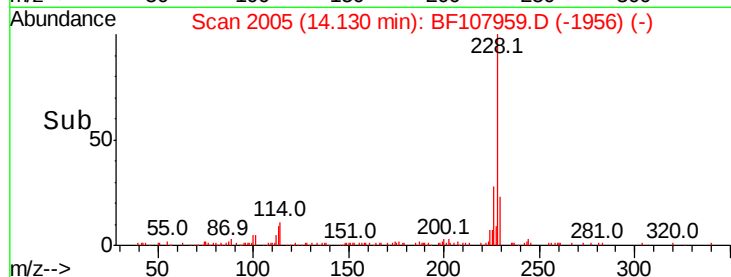
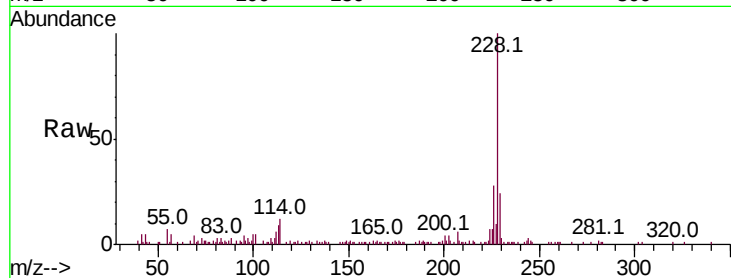
#80
Benzo(a)anthracene
Concen: 3042.801 ng m
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	24.2	15.8	23.6

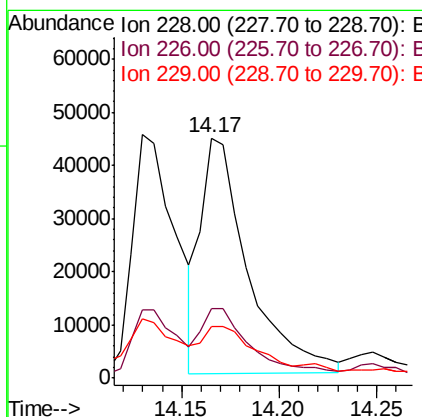
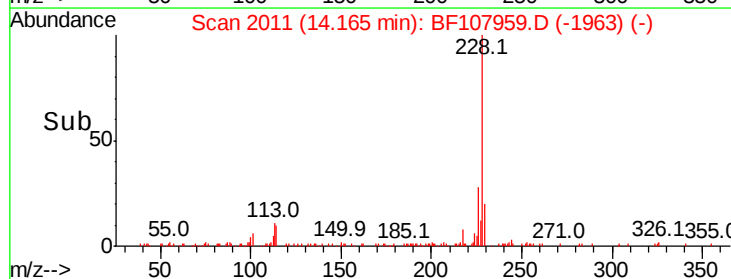
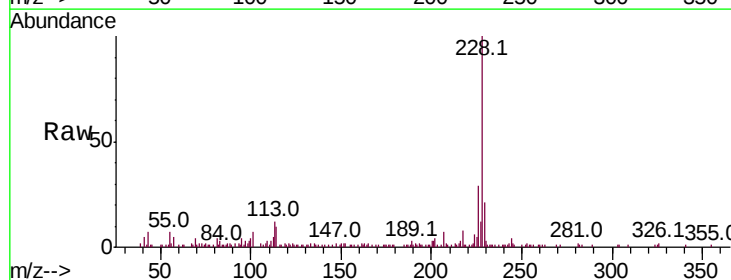
Manual Integrations
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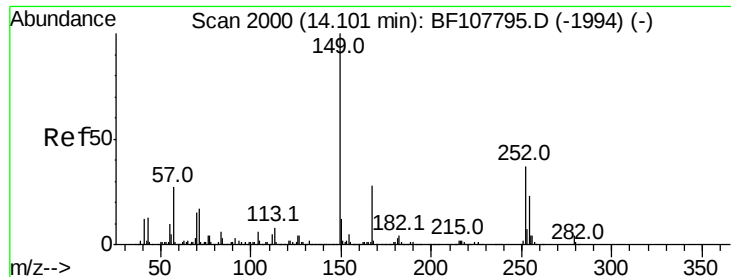
Sohil
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#82
Chrysene
Concen: 2963.487 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	21.4	16.2	24.4





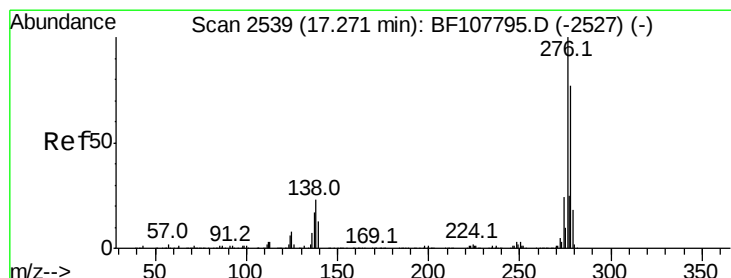
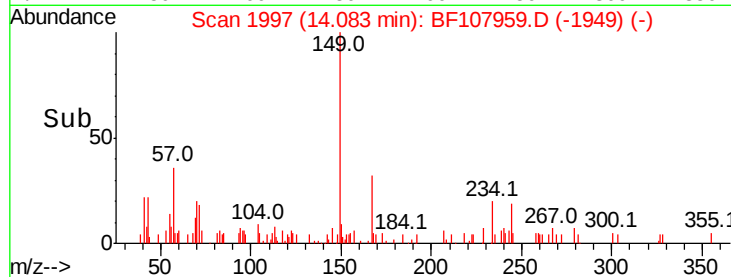
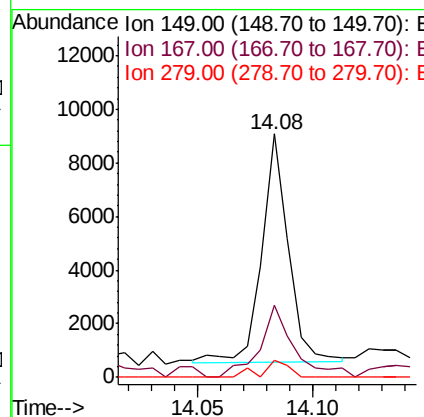
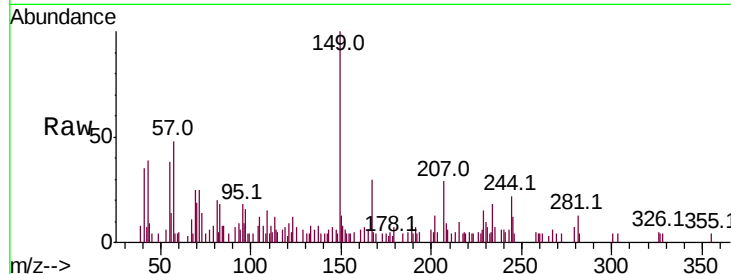
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 419.411 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.02 min
 Lab File: BF107959.D
 Acq: 4 Aug 2018 00:58

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.7	21.3	31.9
279	6.8	3.0	4.4

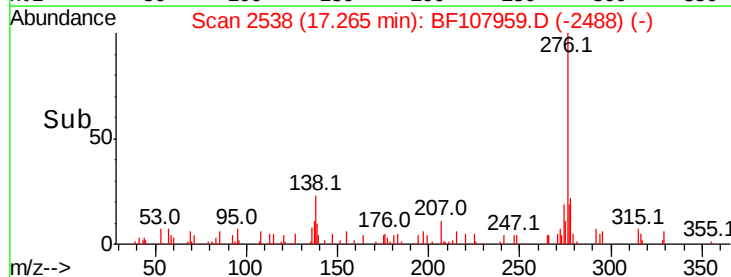
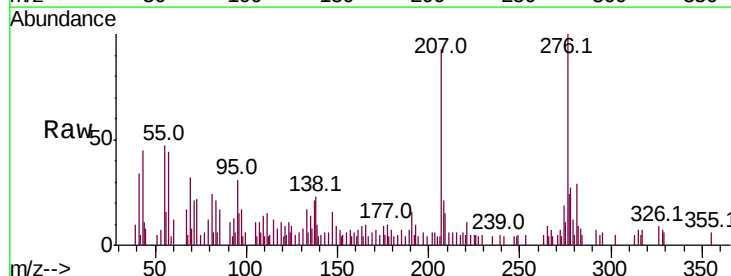
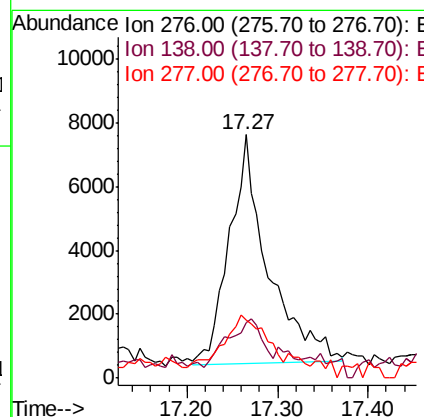
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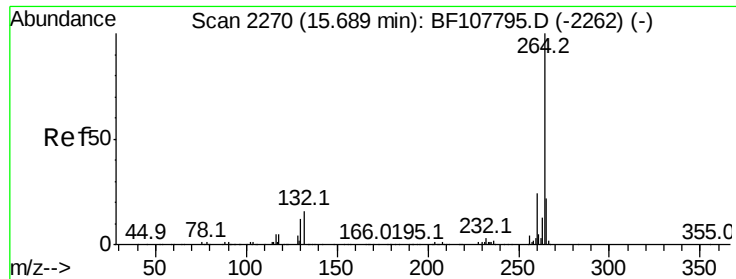
Sohil
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1110.509 ng
 RT: 17.27 min Scan# 2538
 Delta R.T. -0.01 min
 Lab File: BF107959.D
 Acq: 4 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	25.0	37.6
277	23.6	20.1	30.1





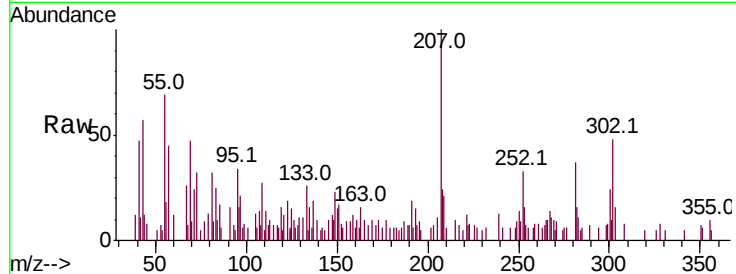
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Instrument :
BNA_F
ClientSampled :
C-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.2	28.8#
265	144.8	17.5	26.3#

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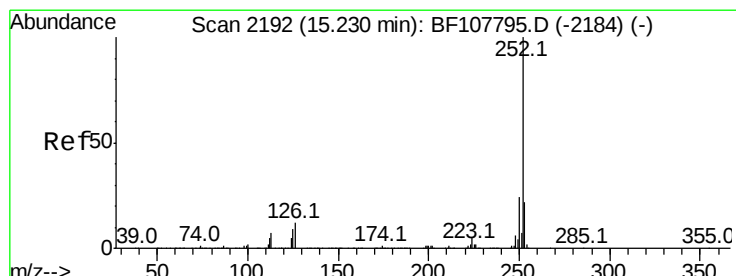
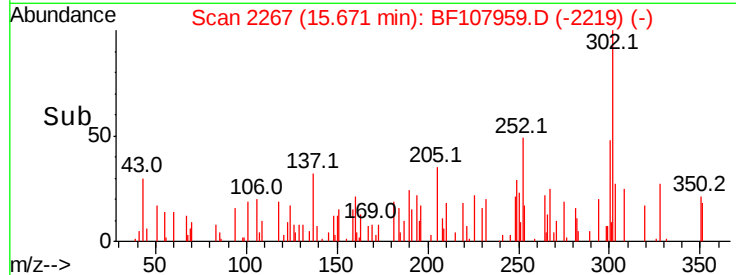
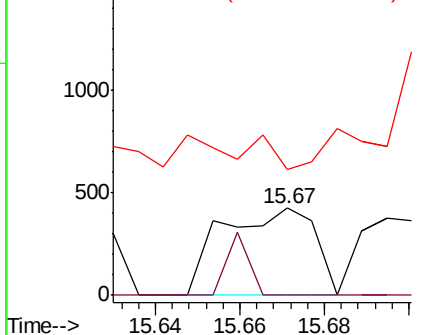


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 1969.145 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

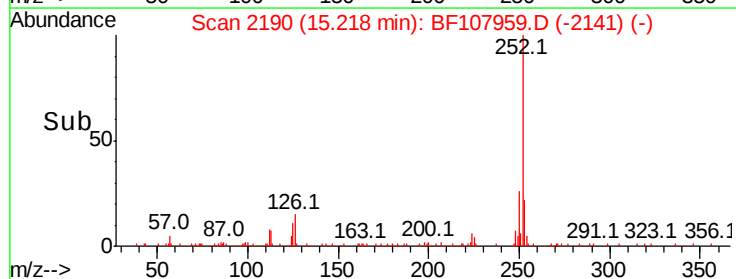
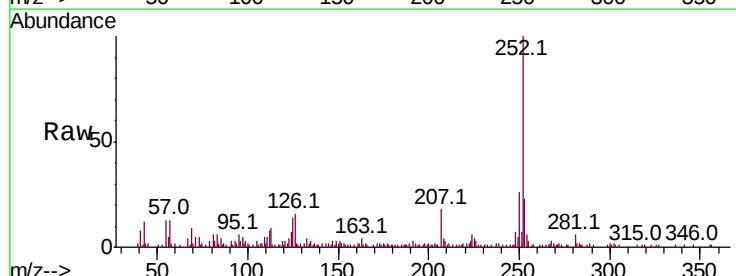
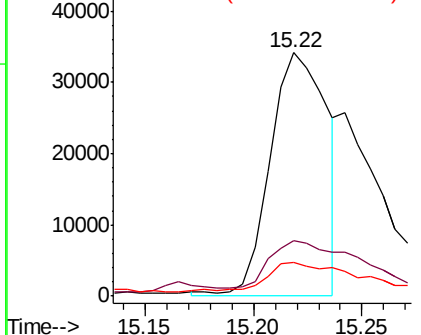
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	14.0	9.0	13.6#

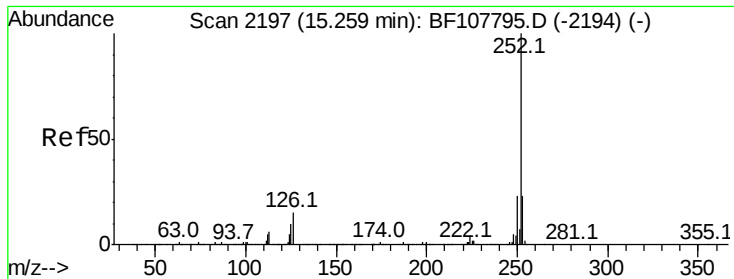
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





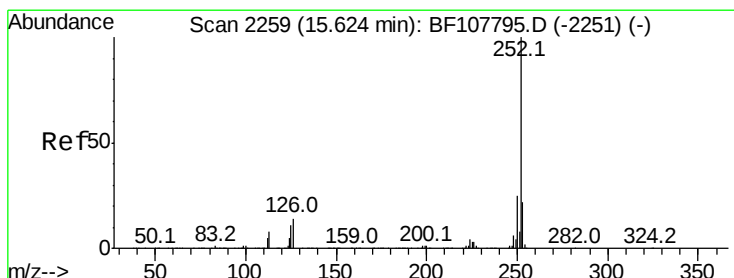
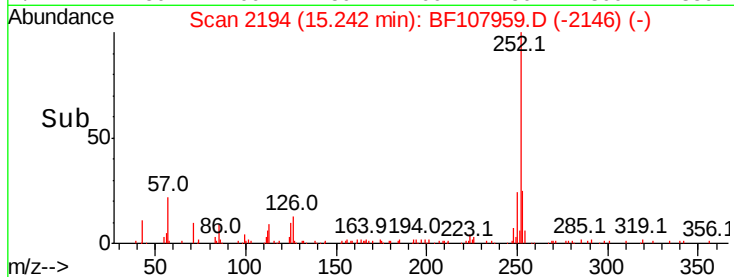
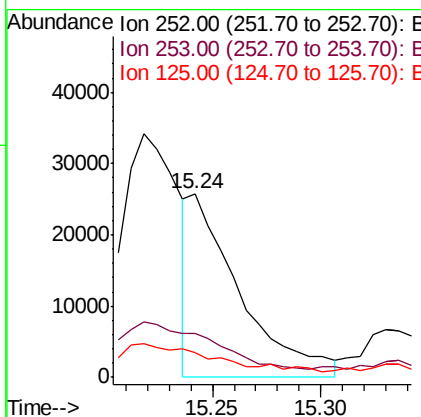
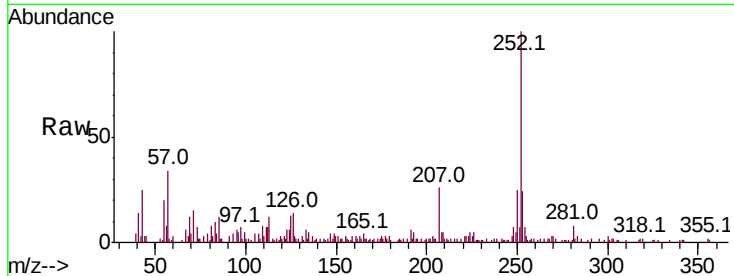
#88
Benzo(k)fluoranthene
Concen: 1063.322 ng m
RT: 15.24 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	13.3	10.2	15.2

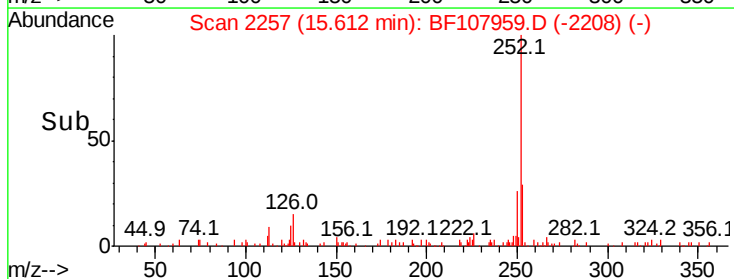
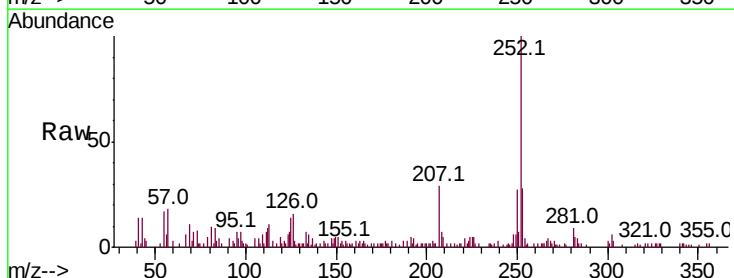
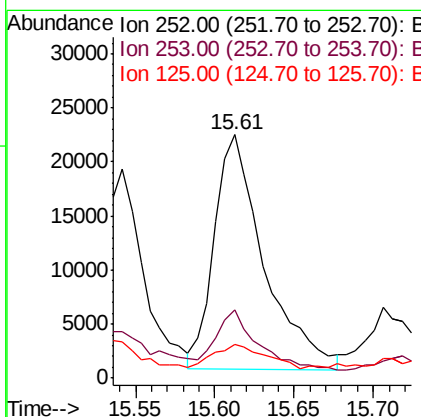
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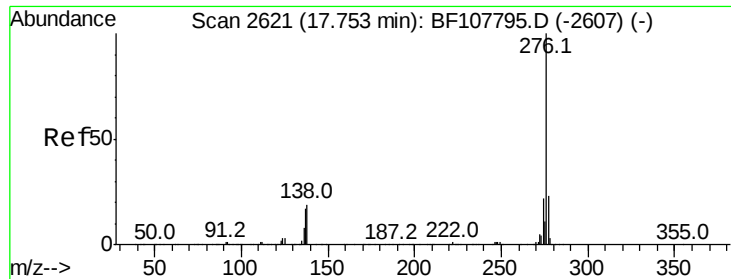
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#89
Benzo(a)pyrene
Concen: 1448.757 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107959.D
Acq: 4 Aug 2018 00:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.1	25.7#
125	13.7	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 705.437 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF107959.D
 Acq: 4 Aug 2018 00:58

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Tot Ion:	276	Resp:	19523
Ion Ratio	Lower	Upper	
276	100		
277	25.1	17.9	26.9
138	26.6	21.8	32.8

Manual Integrations
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