

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107964.D
 Acq On : 4 Aug 2018 3:39
 Operator : JU/SJ
 Sample : J4297-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Manual Integrations
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Sohil
 8/6/2018 5:06:10 PM

Quant Time: Aug 06 03:15:26 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	6.97	152	93154	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	201401	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	9525	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	121081	20.00	ng	0.06
75) Chrysene-d12	14.18	240	166868	20.00	ng	0.02
86) Perylene-d12	15.74	264	108217	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	629944	114.93	ng	0.00
7) Phenol-d6	6.60	99	764480	105.83	ng	0.00
23) Nitrobenzene-d5	7.53	82	345280	98.77	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	71792	554.70	ng	0.07
44) 2-Fluorobiphenyl	9.35	172	325587	476.33	ng	0.04
78) Terphenyl-d14	13.11	244	662217	86.05	ng	0.02
Target Compounds						
74) Fluoranthene	12.75	202	172447	25.531	ng	87
77) Pyrene	12.98	202	259565	21.602	ng	# 82
80) Benzo(a)anthracene	14.17	228	32996	3.491	ng	# 58
82) Chrysene	14.20	228	50445m	4.948	ng	

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

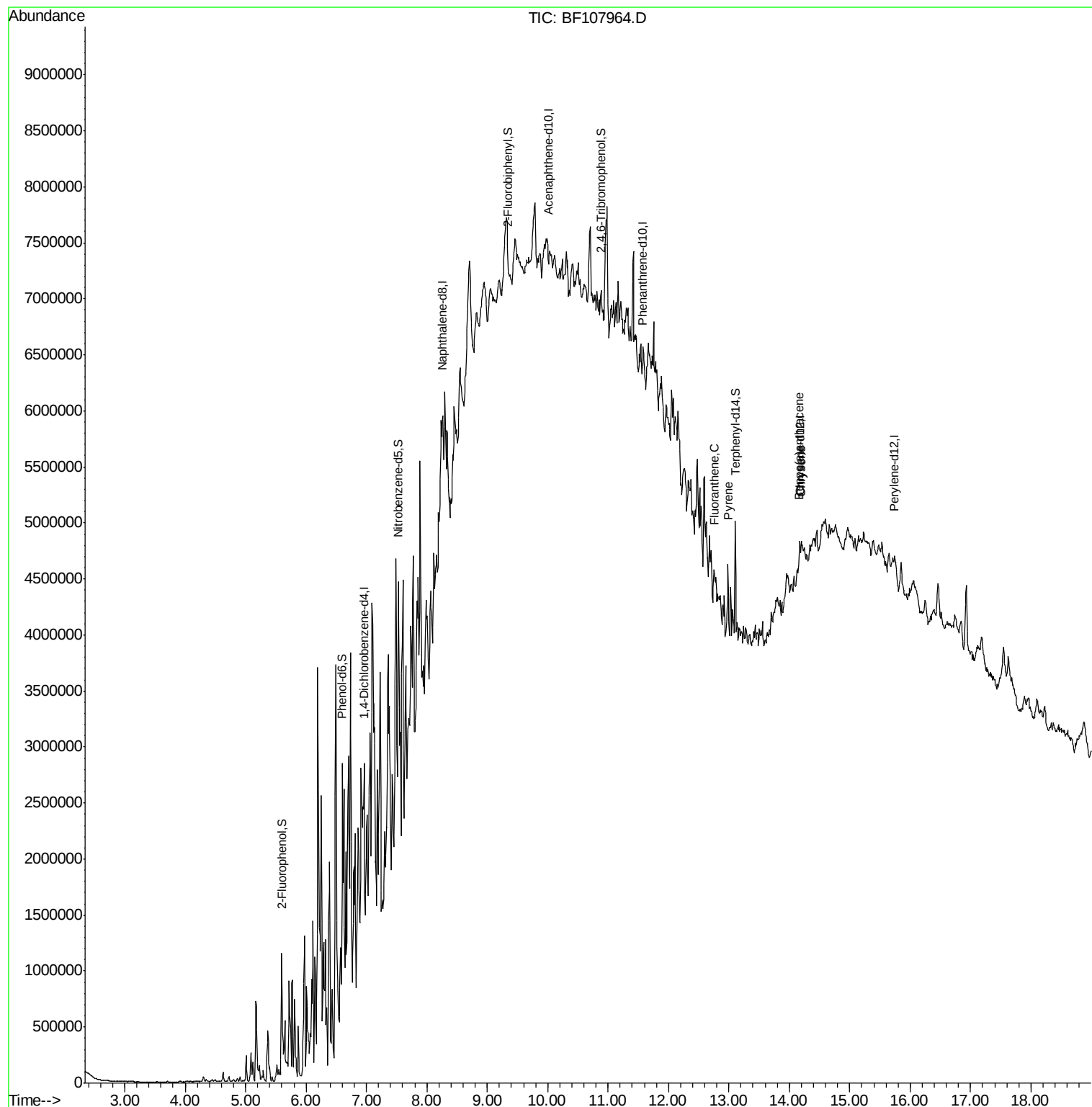
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
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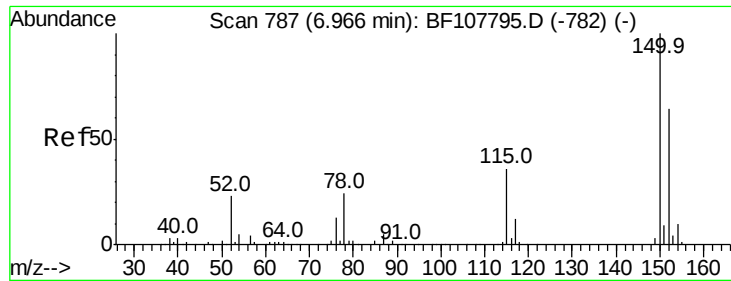
Instrument :
BNA_F
ClientSampleId :
TP-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration





#1

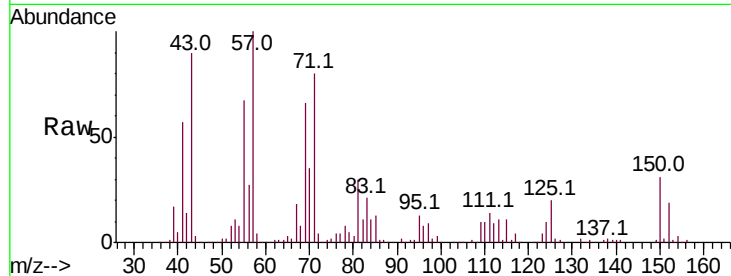
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107964.D
Acq: 4 Aug 2018 3:39

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.6	186.8
115	58.3	50.1	75.1

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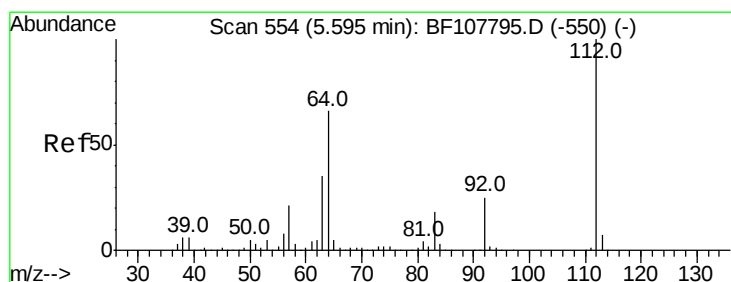
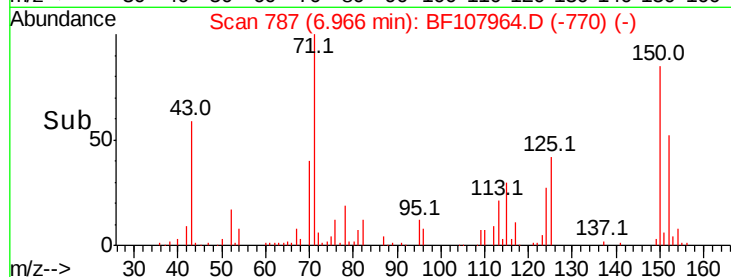
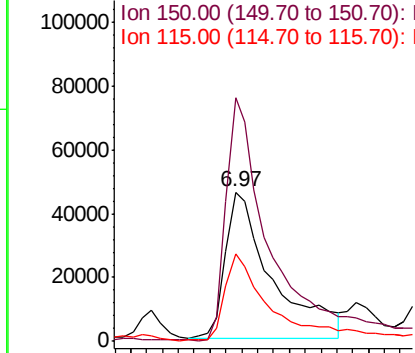


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

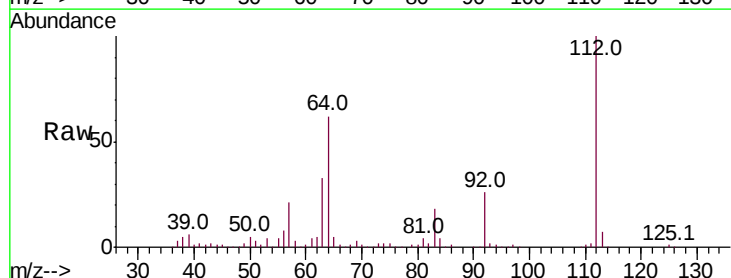
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.930 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107964.D
Acq: 4 Aug 2018 3:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	32.9	23.7	35.5

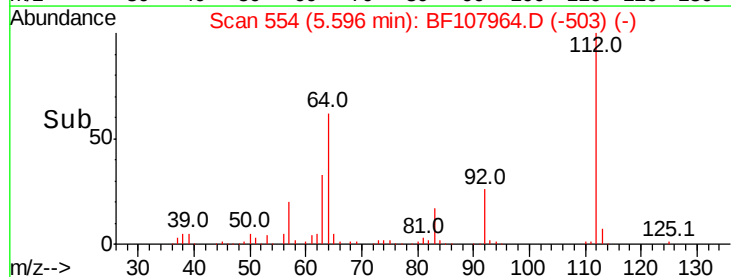
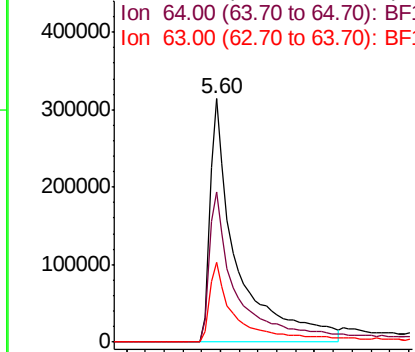


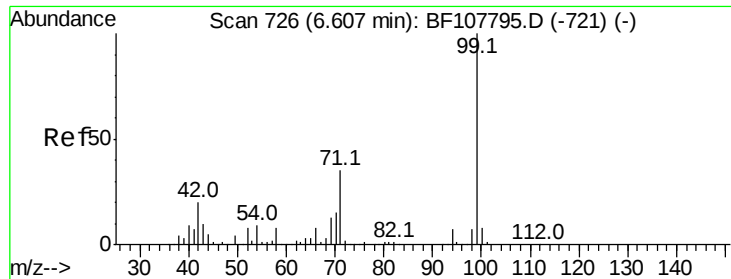
Abundance

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: 105.828 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107964.D

Acq: 4 Aug 2018 3:39

Instrument :

BNA_F

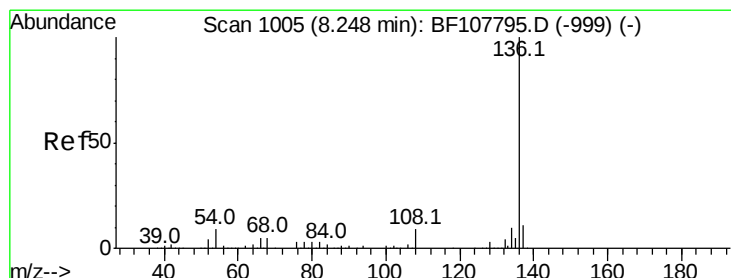
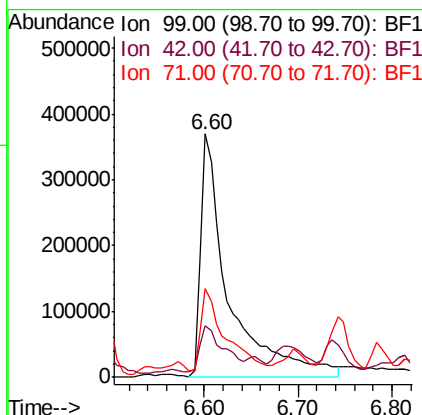
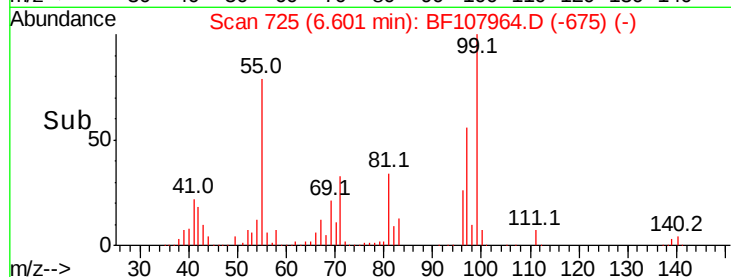
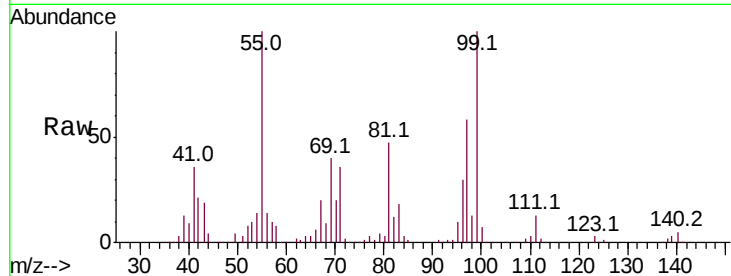
ClientSampled :

TP-6

Tot Ion:	99	Resp:	764480
Ion Ratio	Lower	Upper	
99	100		
42	21.4	14.5	21.7
71	36.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

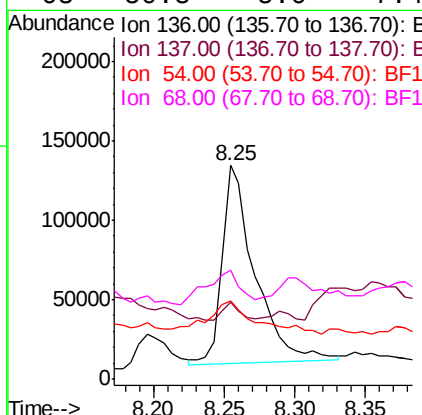
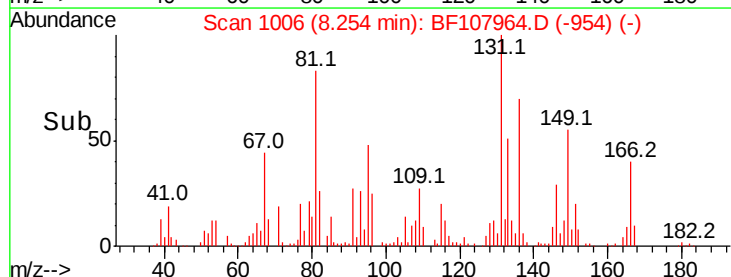
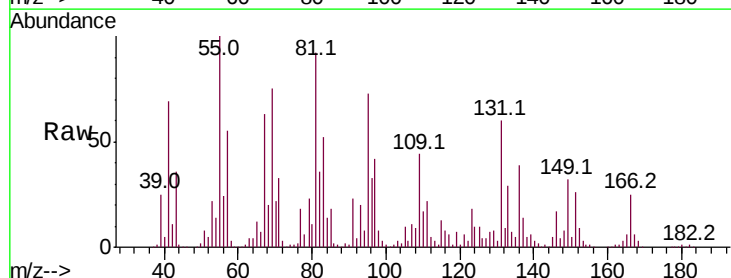
RT: 8.25 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF107964.D

Acq: 4 Aug 2018 3:39

Tgt Ion:	136	Resp:	201401
Ion Ratio	Lower	Upper	
136	100		
137	35.8	8.9	13.3#
54	36.6	6.6	9.8#
68	50.8	5.0	7.4#





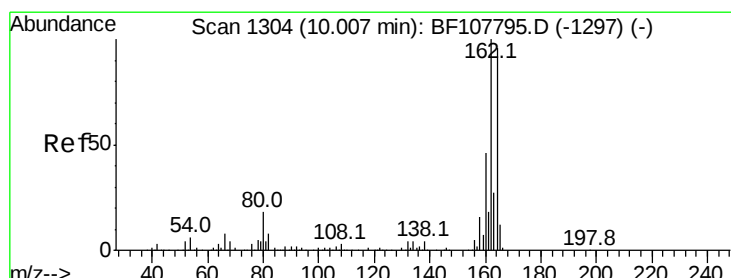
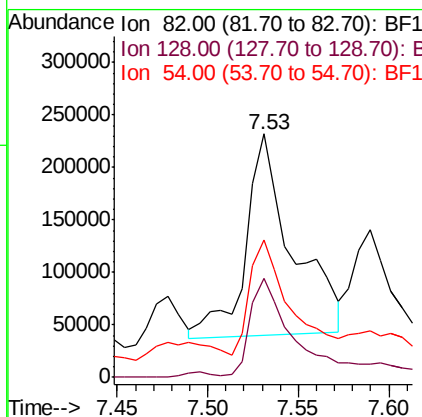
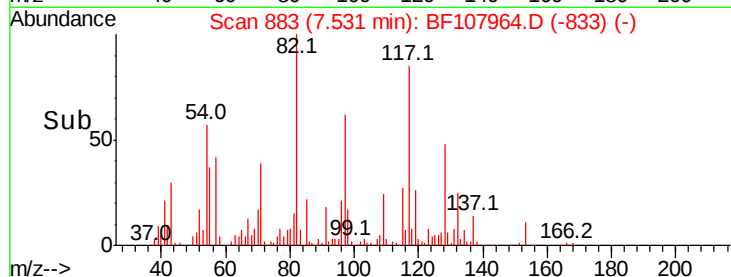
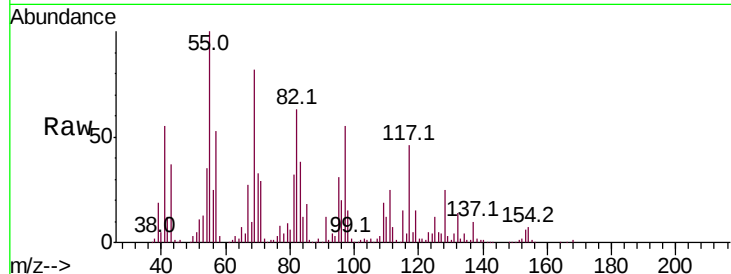
#23
 Nitrobenzene-d5
 Concen: 98.767 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF107964.D
 Acq: 4 Aug 2018 3:39

Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	56.3	41.4	62.2

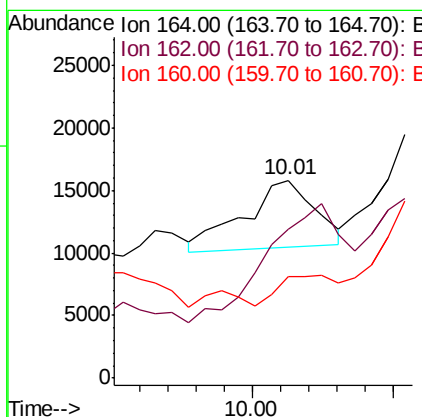
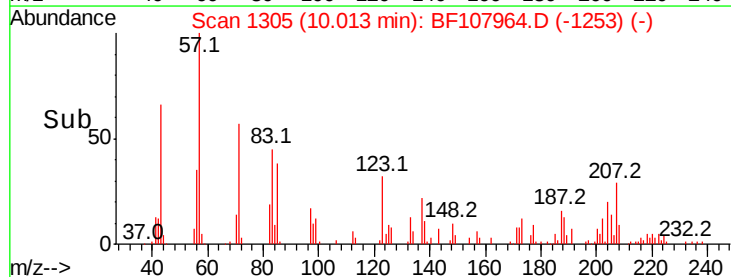
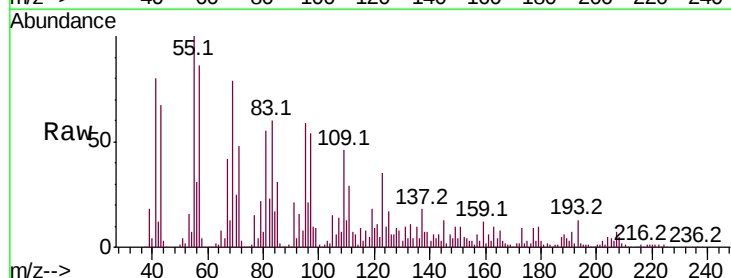
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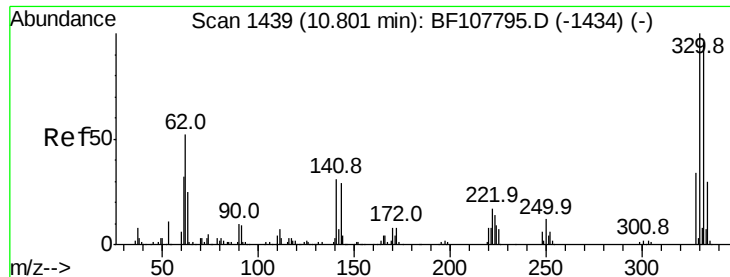
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF107964.D
 Acq: 4 Aug 2018 3:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	75.5	86.1	129.1#
160	51.2	38.3	57.5





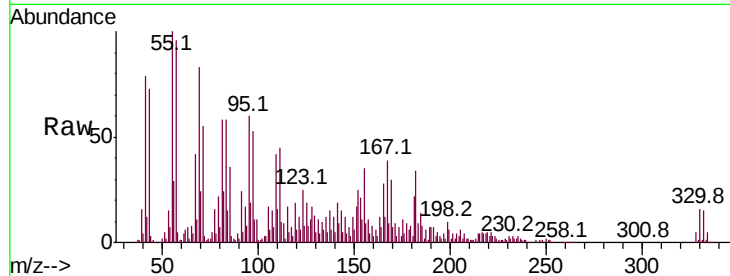
#41
 2,4,6-Tribromophenol
 Concen: 554.697 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.07 min
 Lab File: BF107964.D
 Acq: 4 Aug 2018 3:39

Instrument :
 BNA_F
 ClientSampled :
 TP-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	77.0	115.6	
141	26.9	29.9	44.9#	

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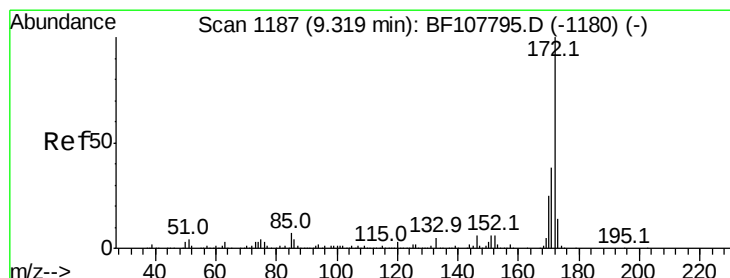
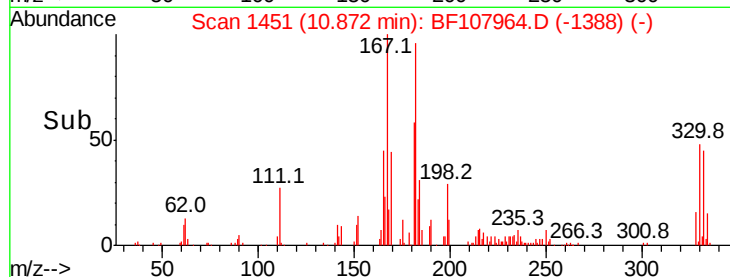
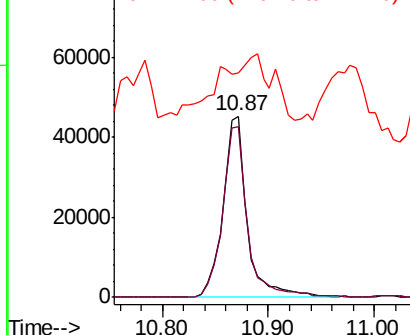


Abundance

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: 476.328 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. 0.04 min
 Lab File: BF107964.D
 Acq: 4 Aug 2018 3:39

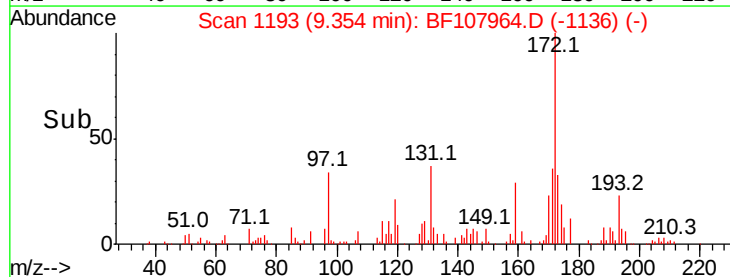
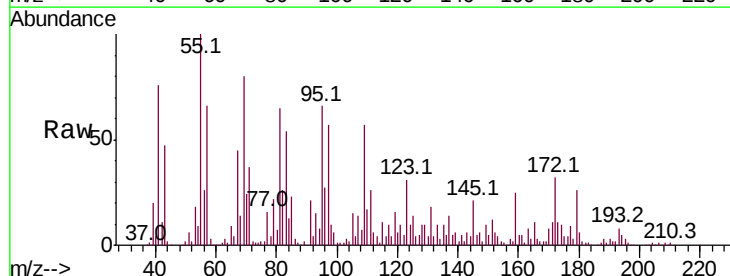
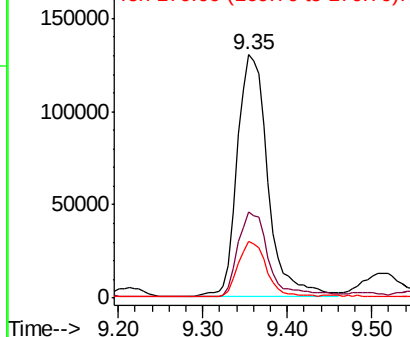
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	23.6	19.6	29.4	

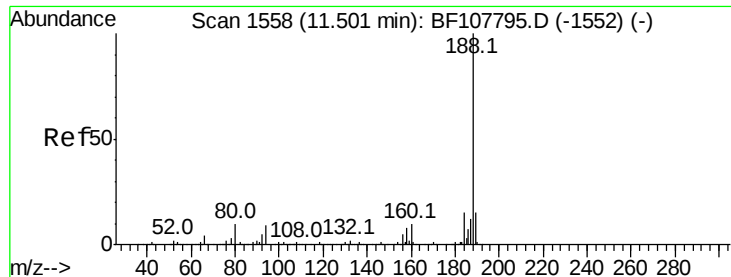
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

Delta R.T. 0.06 min

Lab File: BF107964.D

Acq: 4 Aug 2018 3:39

Instrument :

BNA_F

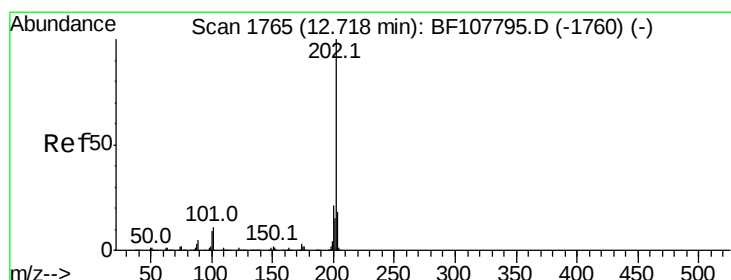
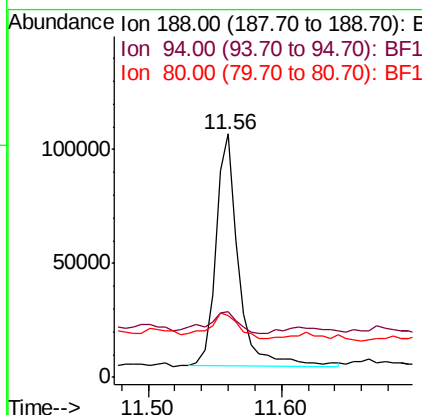
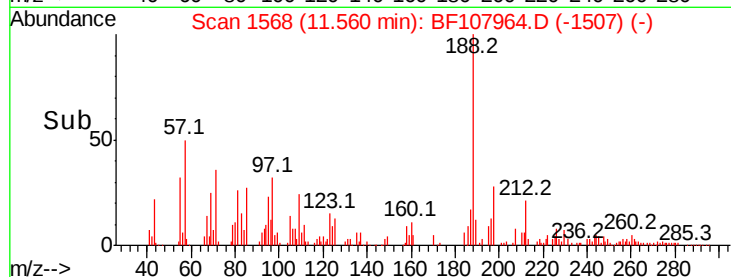
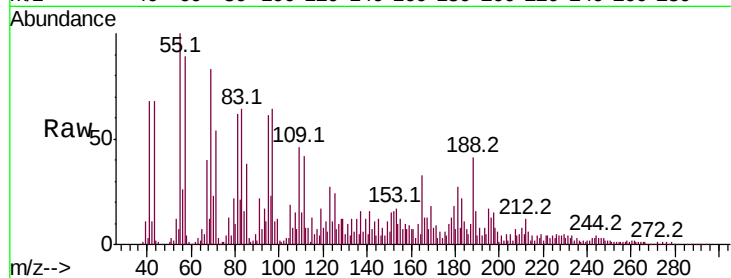
ClientSampled :

TP-6

Tot Ion:	188	Resp:	121081
Ion Ratio	Lower	Upper	
188	100		
94	26.9	8.5	12.7#
80	25.5	9.2	13.8#

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#74

Fluoranthene

Concen: 25.531 ng

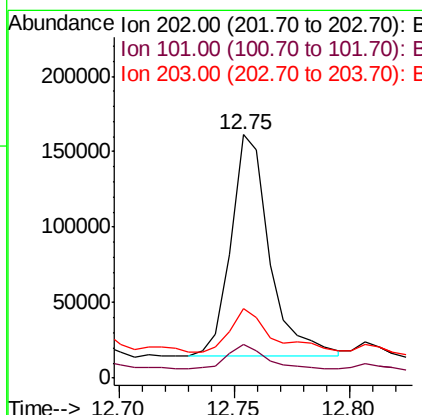
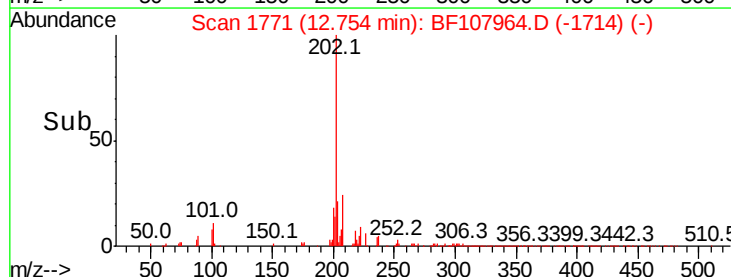
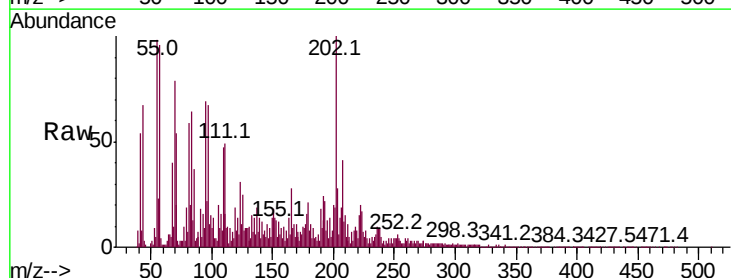
RT: 12.75 min Scan# 1771

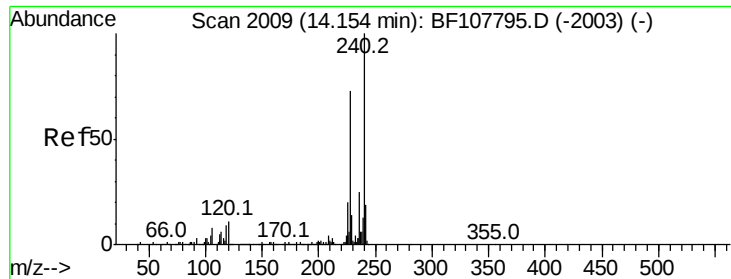
Delta R.T. 0.04 min

Lab File: BF107964.D

Acq: 4 Aug 2018 3:39

Tgt Ion:	202	Resp:	172447
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	34.1
203	28.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.02 min

Lab File: BF107964.D

Acq: 4 Aug 2018 3:39

Instrument :

BNA_F

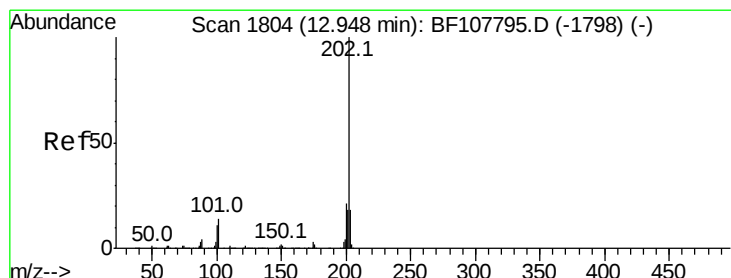
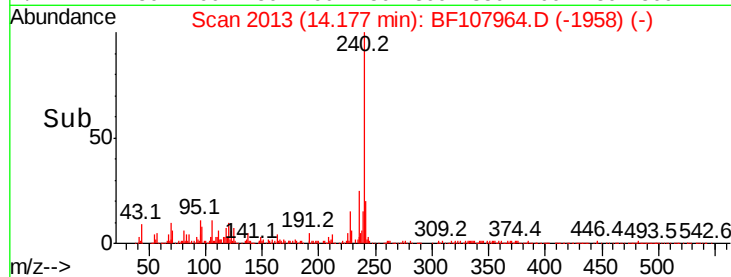
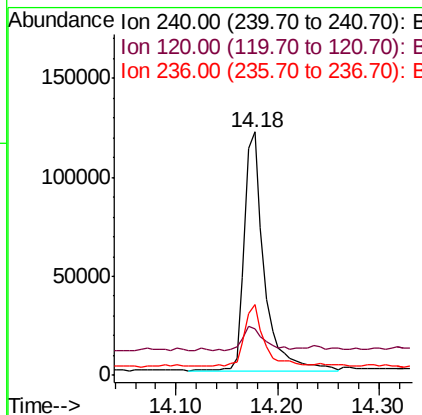
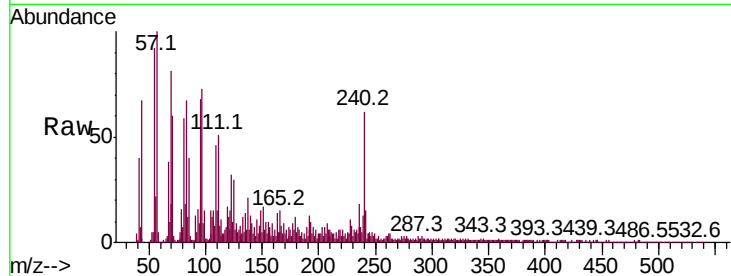
ClientSampled :

TP-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	19.1	9.5	14.3#	
236	29.0	20.7	31.1	

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#77

Pyrene

Concen: 21.602 ng

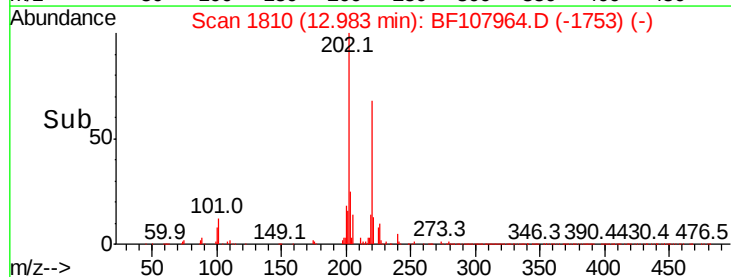
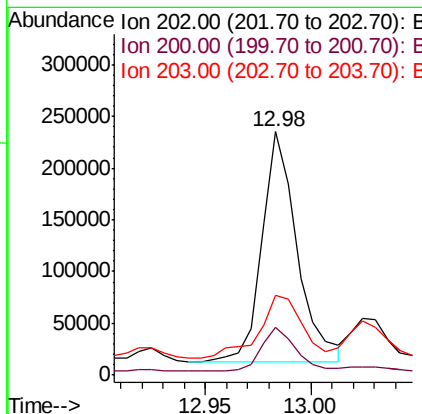
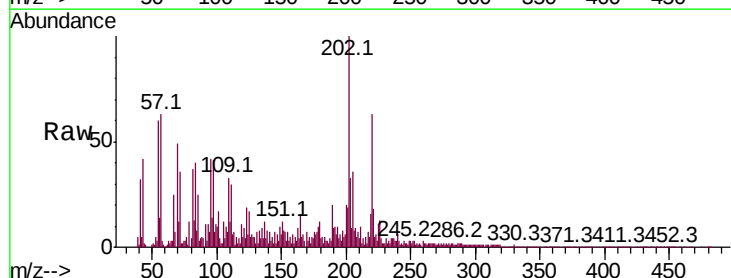
RT: 12.98 min Scan# 1810

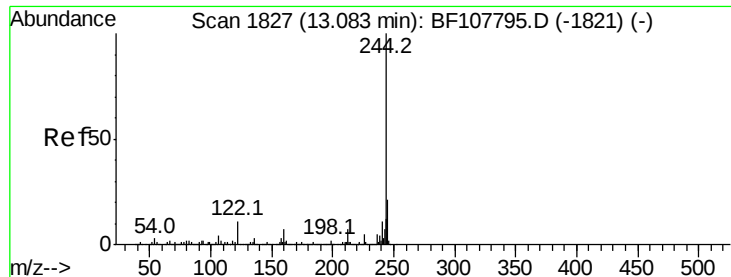
Delta R.T. 0.04 min

Lab File: BF107964.D

Acq: 4 Aug 2018 3:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.5	17.4	26.2	
203	32.7	14.3	21.5#	





#78

Terphenyl-d14

Concen: 86.054 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.02 min

Lab File: BF107964.D

Acq: 4 Aug 2018 3:39

Instrument :

BNA_F

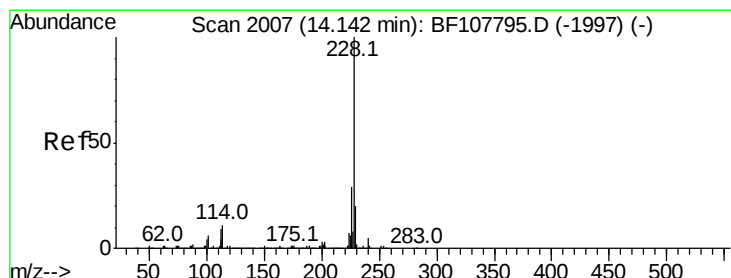
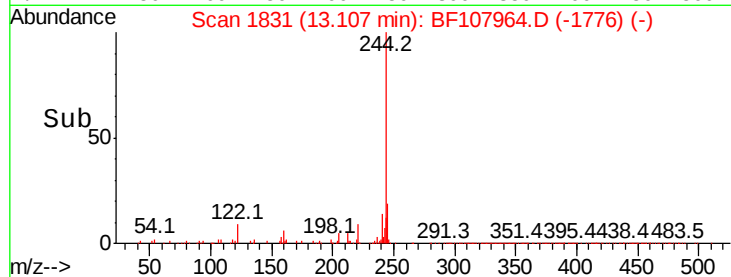
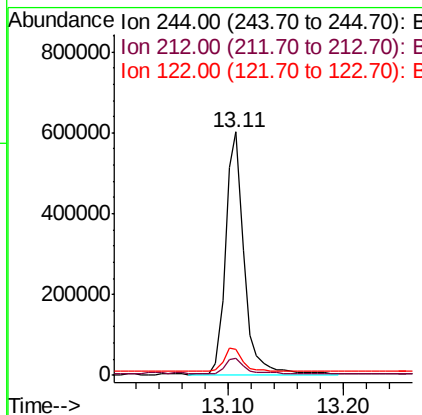
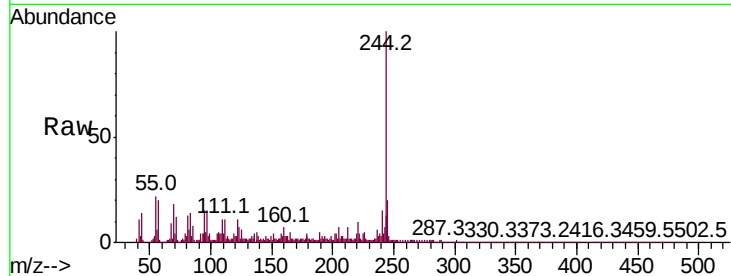
ClientSampleId :

TP-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.7	11.0	16.4#

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#80

Benzo(a)anthracene

Concen: 3.491 ng

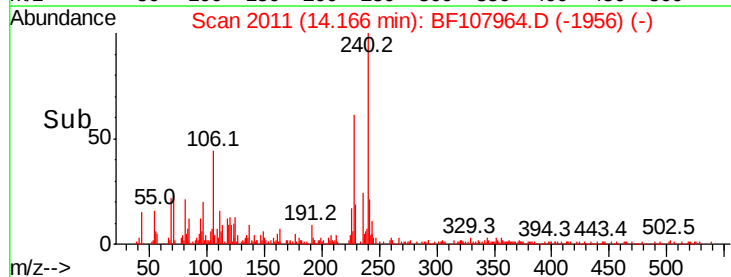
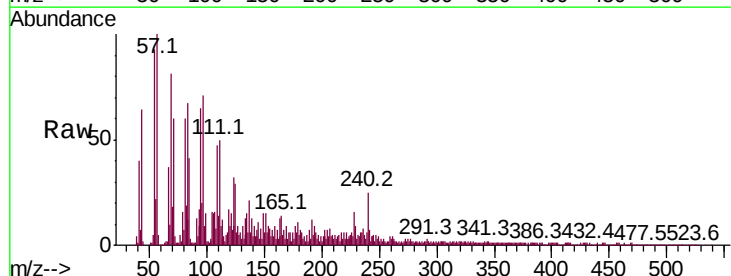
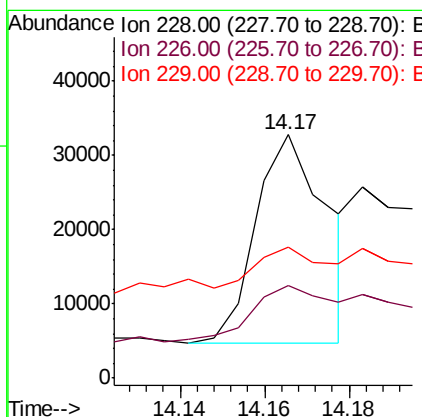
RT: 14.17 min Scan# 2011

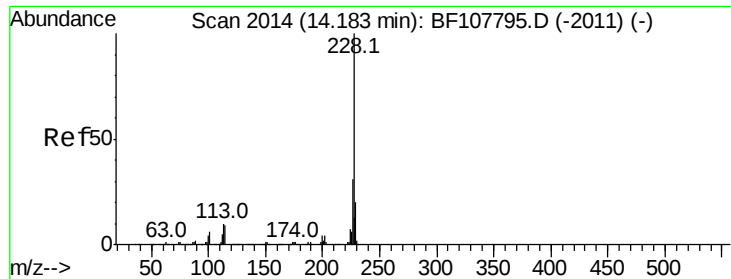
Delta R.T. 0.02 min

Lab File: BF107964.D

Acq: 4 Aug 2018 3:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.2	22.6	33.8#
229	53.9	15.8	23.6#





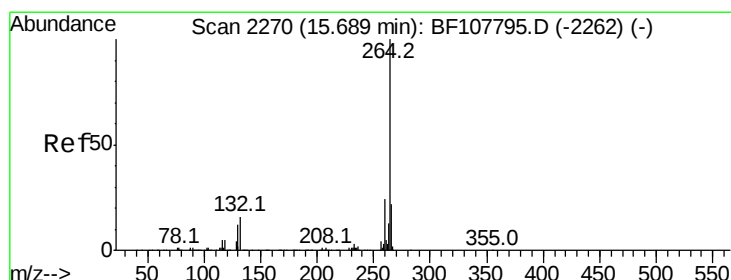
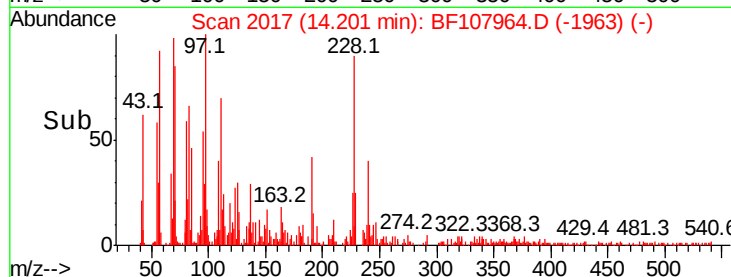
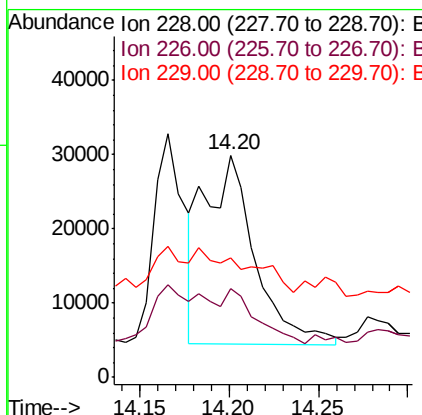
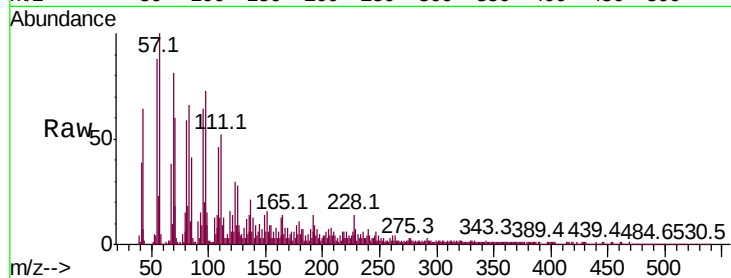
#82
Chrysene
Concen: 4.948 ng/mL
RT: 14.20 min Scan# 2017
Delta R.T. 0.02 min
Lab File: BF107964.D
Acq: 4 Aug 2018 3:39

Instrument :
BNA_F
Client Sampled :
TP-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	39.9	25.0	37.6#
229	53.8	16.2	24.4#

Manual Integrations
APPROVED

Sohil
8/6/2018 5:06:10 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2278
Delta R.T. 0.05 min
Lab File: BF107964.D
Acq: 4 Aug 2018 3:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	28.2	19.2	28.8
265	28.2	17.5	26.3#

