

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
 Data File : BF101739.D
 Acq On : 27 Dec 2017 2:54
 Operator : SJ/JU
 Sample : I7021-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-SW1-7

Manual Integrations
 APPROVED

Sohil
 12/27/2017 4:15:16 PM

Quant Time: Dec 27 10:23:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121868	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	349718	20.00	ng	0.01
38) Acenaphthene-d10	9.85	164	121374	20.00	ng	0.02
63) Phenanthrene-d10	11.34	188	175955	20.00	ng	0.02
75) Chrysene-d12	14.00	240	164233	20.00	ng	0.03
86) Perylene-d12	15.49	264	164941	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	430444	52.61	ng	0.01
7) Phenol-d6	6.43	99	508870	49.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	187246	29.80	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	50536	43.21	ng	0.02
44) 2-Fluorobiphenyl	9.16	172	274262	35.05	ng	0.01
78) Terphenyl-d14	12.92	244	196792	28.89	ng	0.02
Target Compounds						
31) Naphthalene	8.10	128	92103	5.231	ng	Qvalue # 72
37) 2-Methylnaphthalene	8.80	142	324108	28.255	ng	97
45) 1,1'-Biphenyl	9.26	154	30552	2.838	ng	91
51) Acenaphthene	9.87	154	47656	6.097	ng	# 80
57) Fluorene	10.40	166	75823	9.024	ng	# 78
70) Phenanthrene	11.36	178	202138	20.658	ng	# 91
74) Fluoranthene	12.56	202	24322m	2.368	ng	
77) Pyrene	12.80	202	55207m	4.479	ng	

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

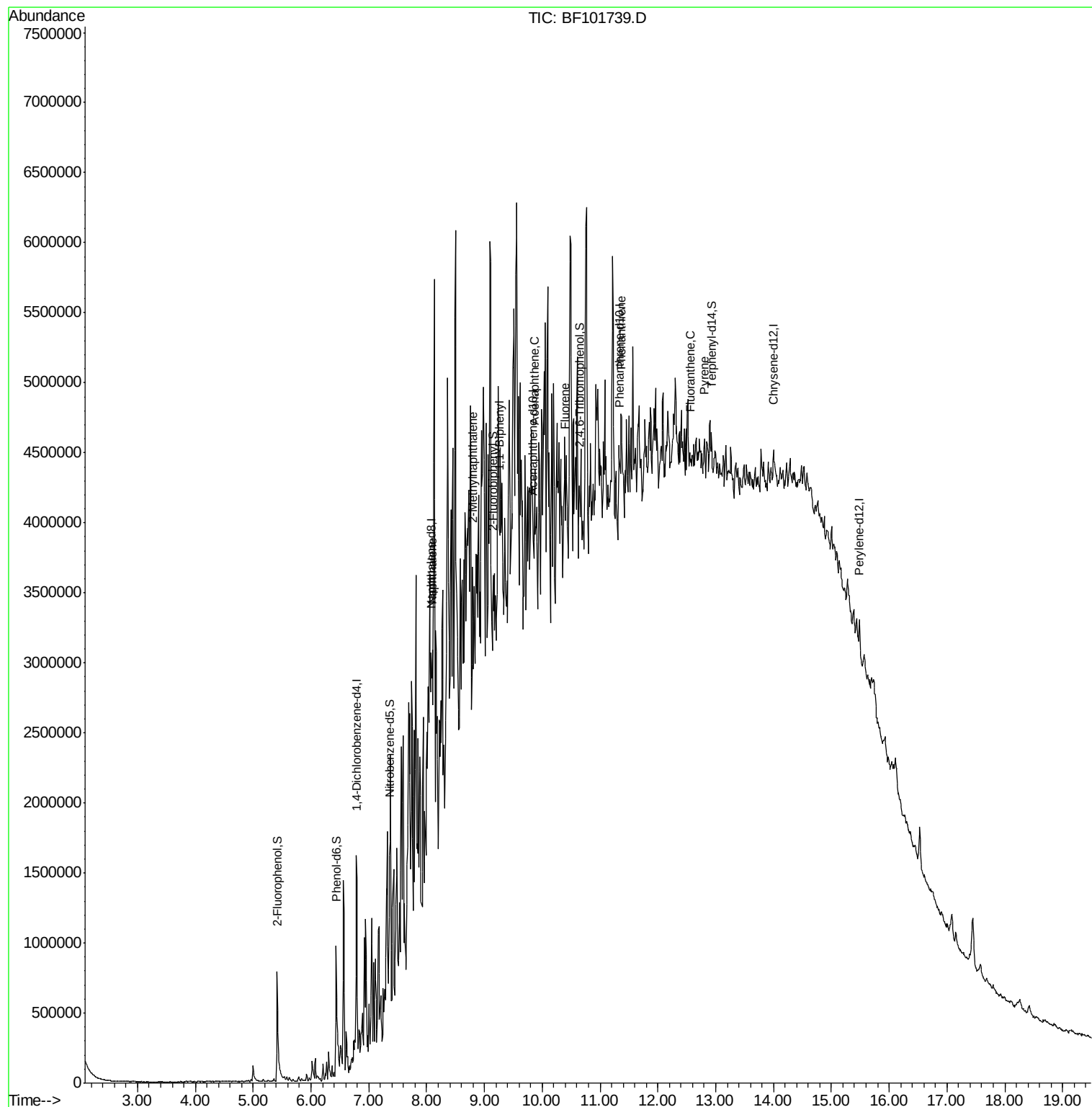
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101739.D
Acq On : 27 Dec 2017 2:54
Operator : SJ/JU
Sample : I7021-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

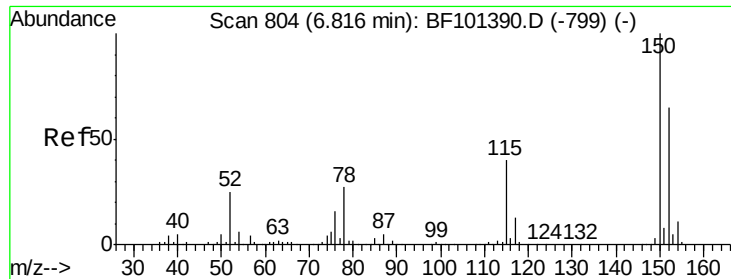
Instrument :
BNA_F
ClientSampleId :
DB-SW1-7

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Quant Time: Dec 27 10:23:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration





#1

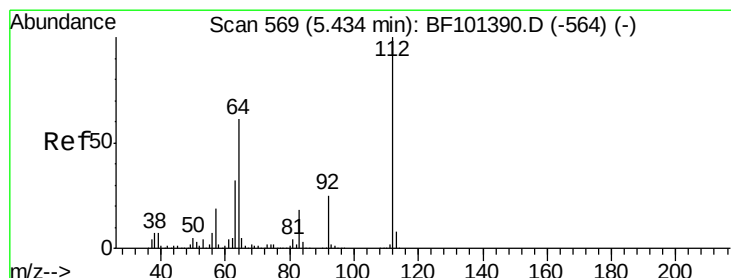
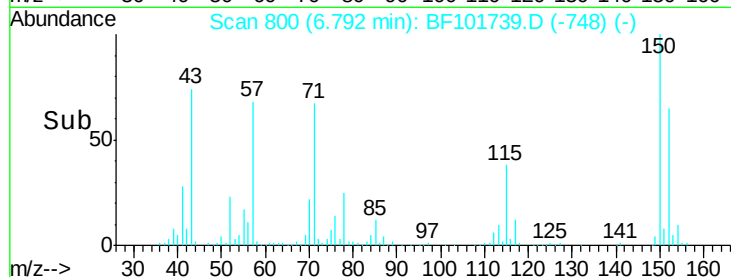
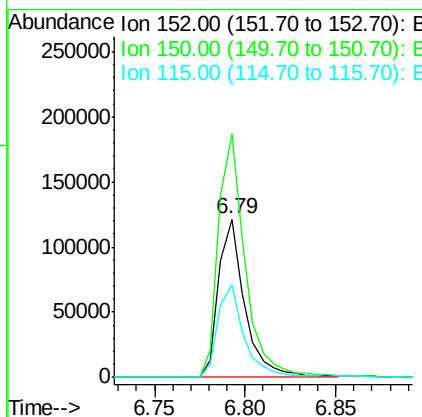
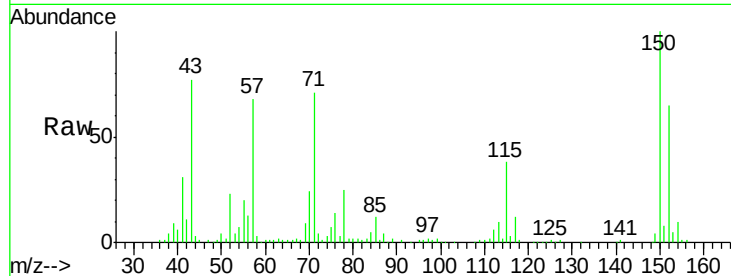
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Instrument :
BNA_F
ClientSampled :
DB-SW1-7

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	121868		
150	154.0	124.6	186.8	
115	59.0	50.1	75.1	

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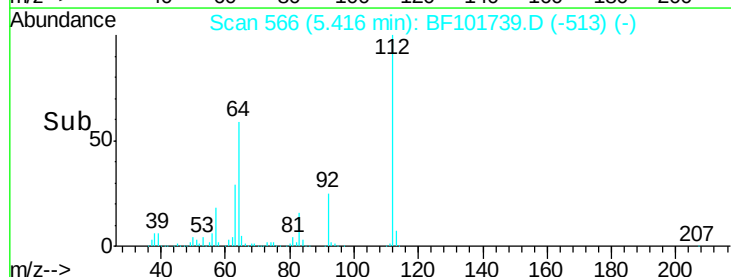
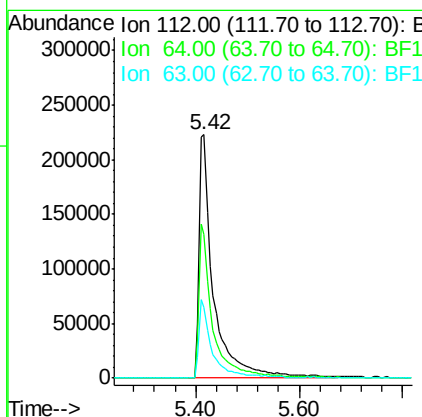
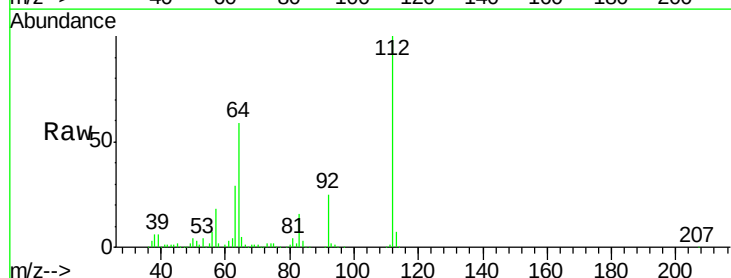
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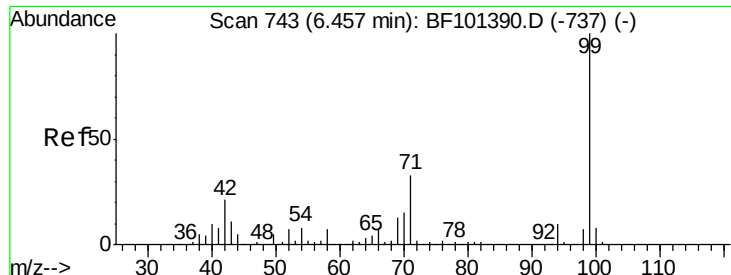


#5

2-Fluorophenol
Concen: 52.613 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	430444		
64	59.0	47.9	71.9	
63	29.1	23.7	35.5	





#7

Phenol-d6

Concen: 49.977 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

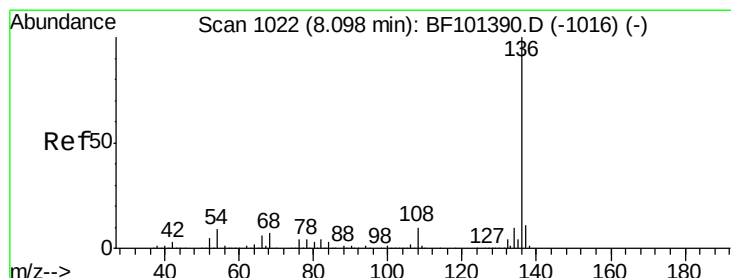
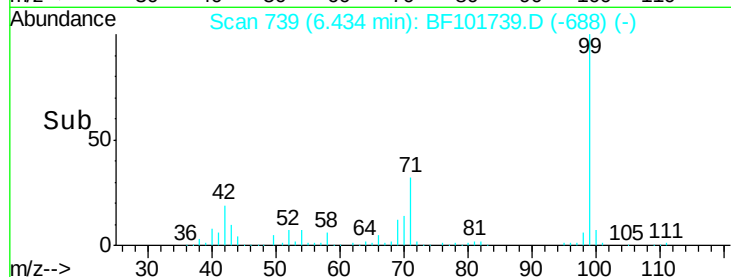
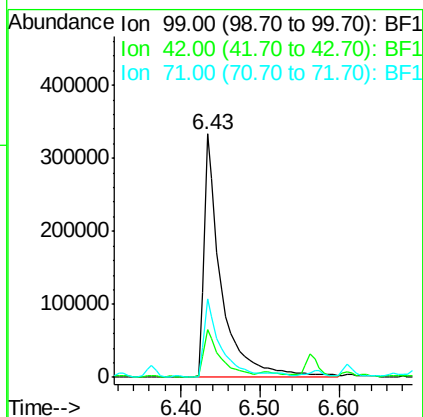
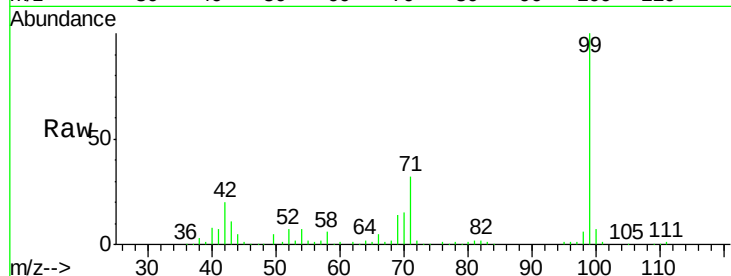
ClientSampleId :

DB-SW1-7

Tgt Ion:	99	Resp:	508870
Ion Ratio	Lower	Upper	
99	100		
42	19.7	14.5	21.7
71	32.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

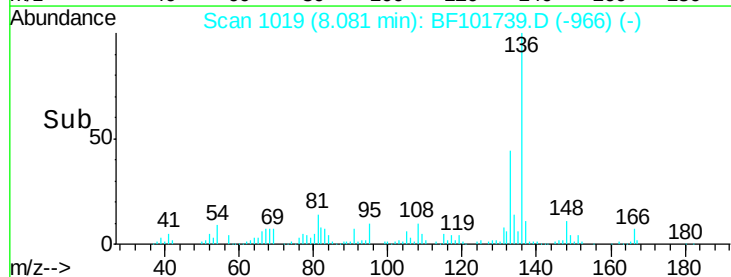
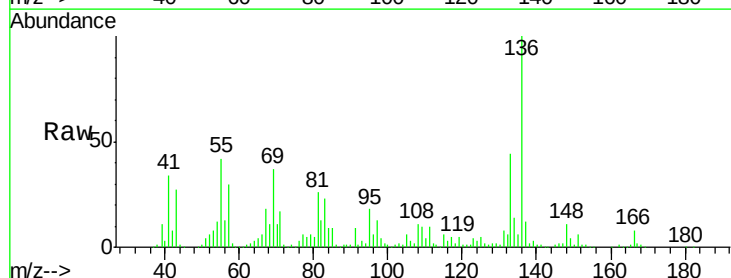
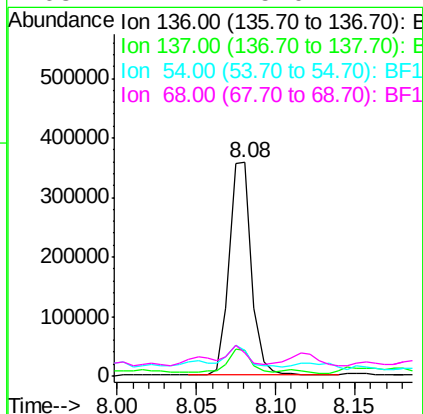
RT: 8.08 min Scan# 1019

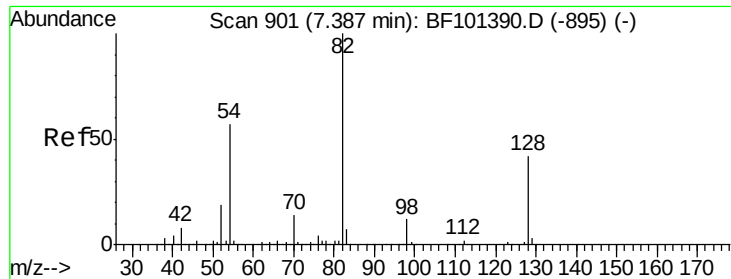
Delta R.T. 0.01 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Tgt Ion:	136	Resp:	349718
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.9	13.3
54	11.9	6.6	9.8#
68	11.1	5.0	7.4#





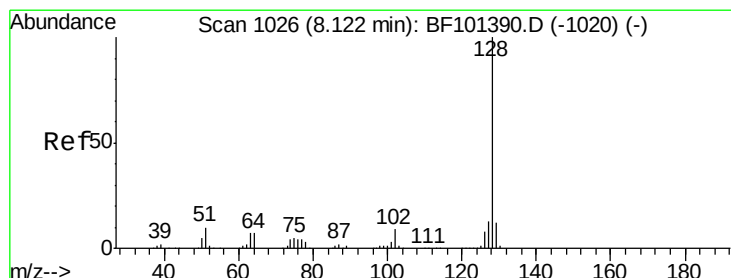
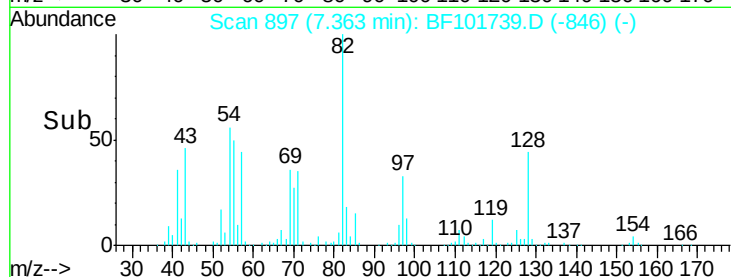
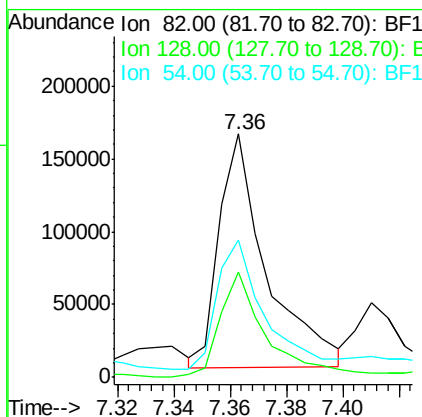
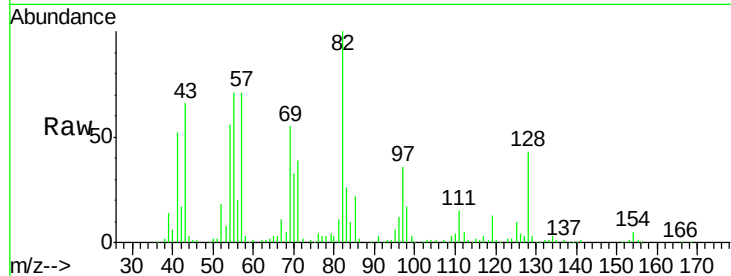
#23
Nitrobenzene-d5
Concen: 29.805 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Instrument :
BNA_F
ClientSampled :
DB-SW1-7

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	187246		
128	43.3	36.1	54.1	
54	56.4	41.4	62.2	

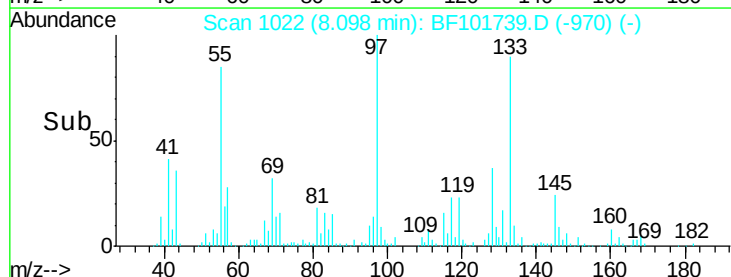
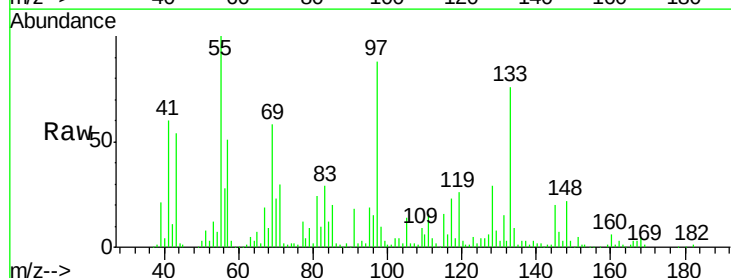
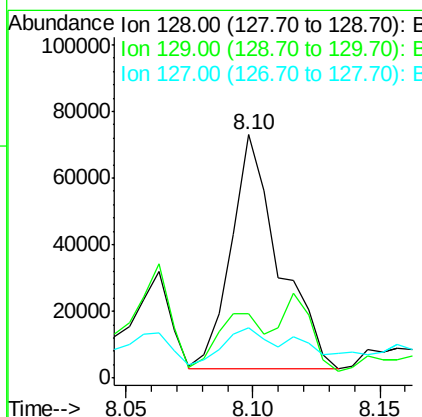
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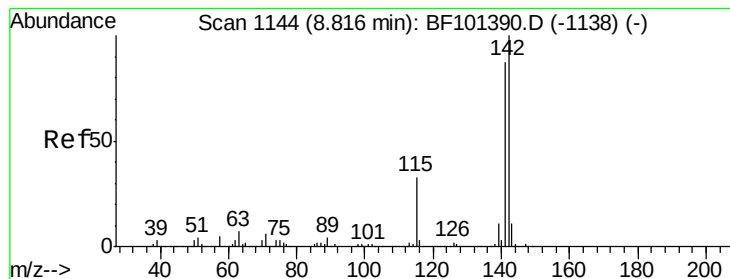
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#31
Naphthalene
Concen: 5.231 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	92103		
129	26.3	8.8	13.2#	
127	20.9	10.9	16.3#	





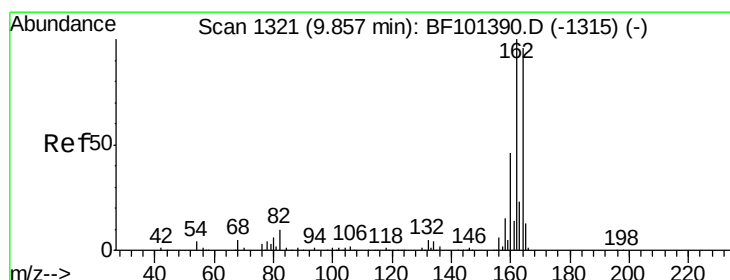
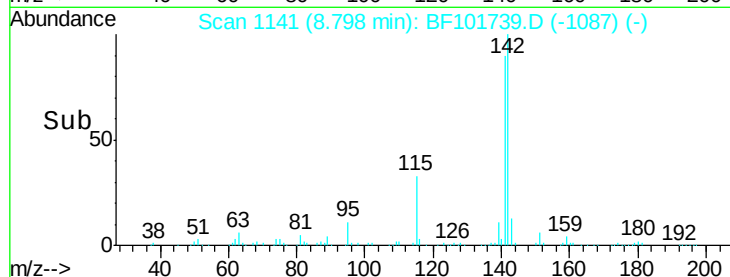
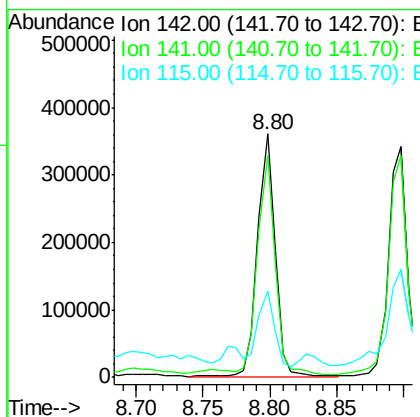
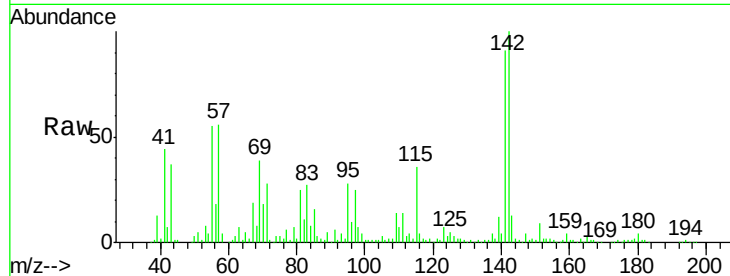
#37
2-Methylnaphthalene
Concen: 28.255 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Instrument :
BNA_F
ClientSampleID :
DB-SW1-7

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	324108		
141	91.1	70.8	106.2	
115	35.7	26.1	39.1	

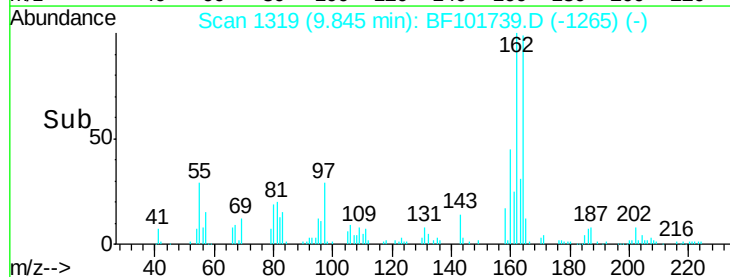
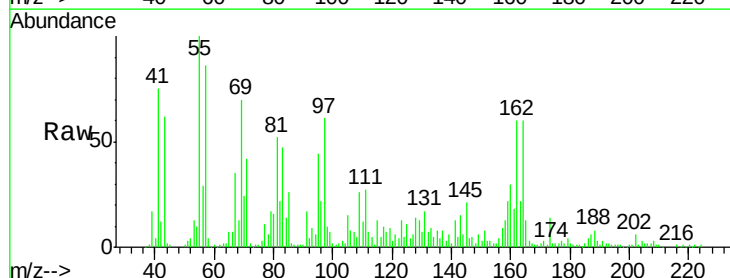
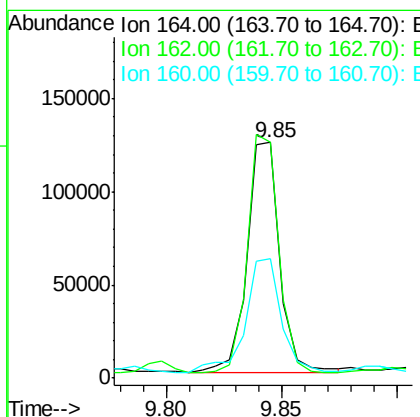
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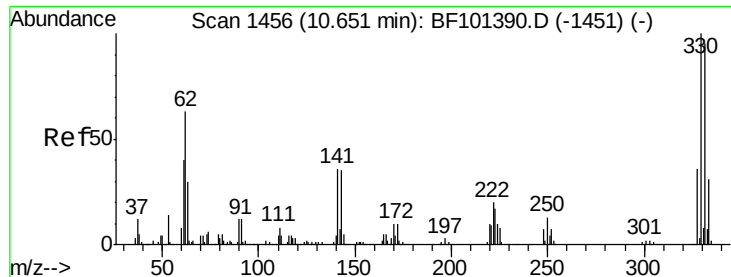
Sohil
12/27/2017 4:15:16 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121374		
162	100.2	86.1	129.1	
160	50.8	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 43.210 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

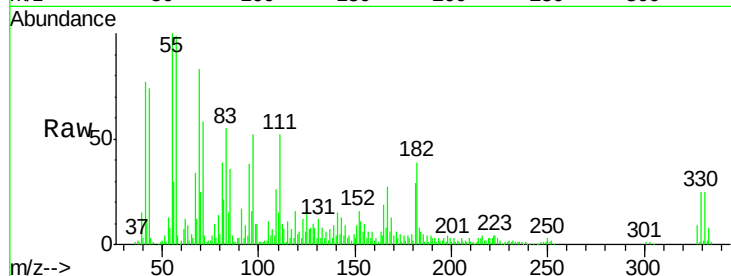
ClientSampleId :

DB-SW1-7

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	50536		
332	97.5	77.0	115.6	
141	58.4	29.9	44.9#	

Manual Integrations
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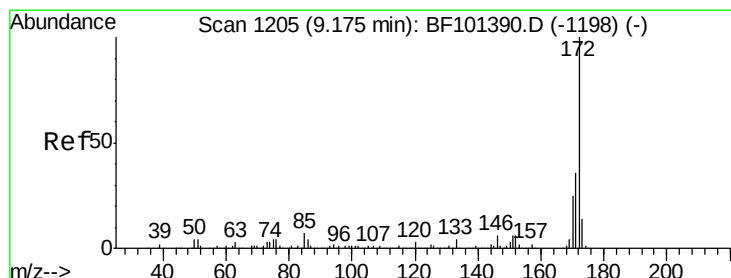
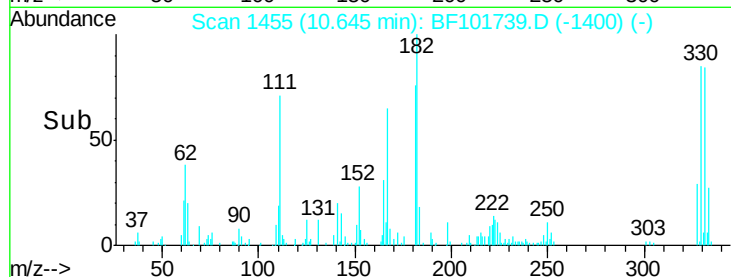
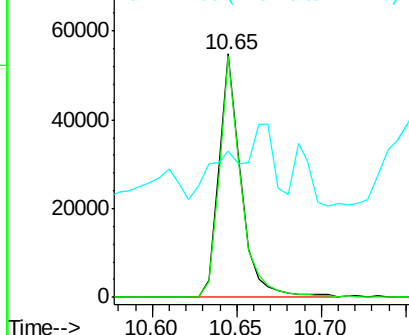


Abundance

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: 35.053 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

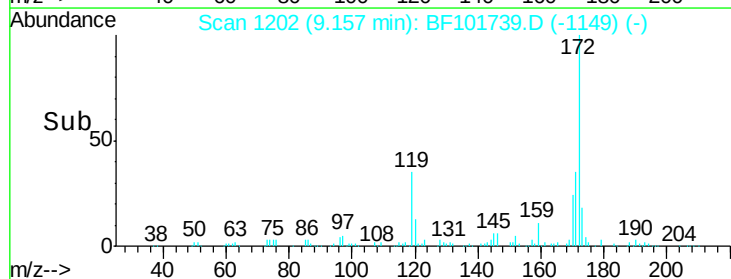
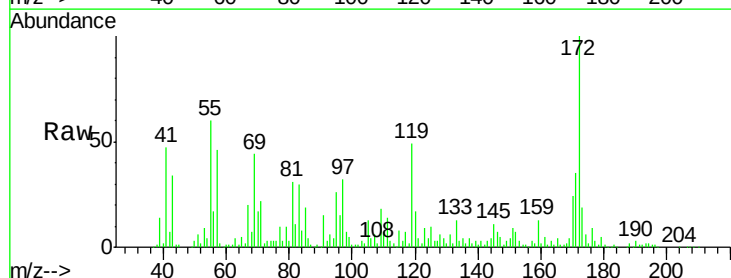
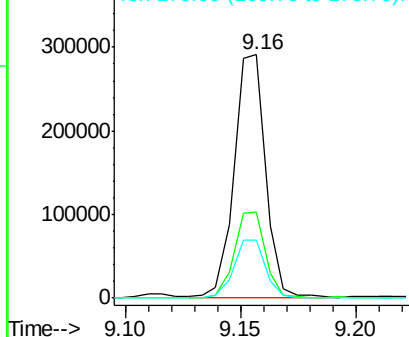
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	274262		
171	35.3	29.7	44.5	
170	23.9	19.6	29.4	

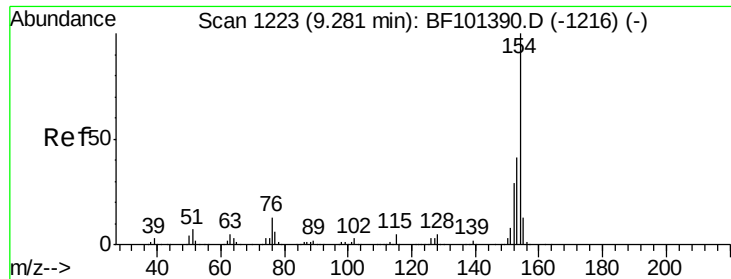
Abundance

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





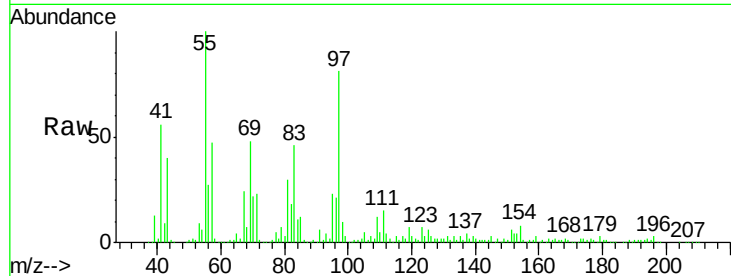
#45
1,1'-Biphenyl
Concen: 2.838 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Instrument :
BNA_F
ClientSampleId :
DB-SW1-7

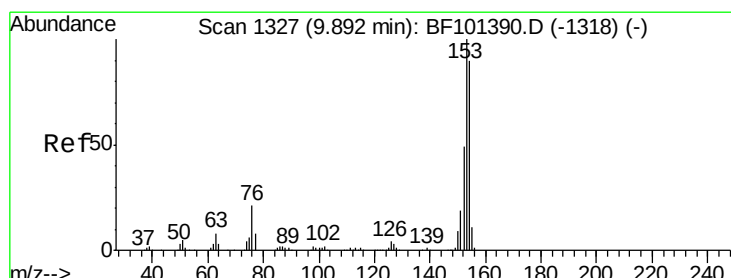
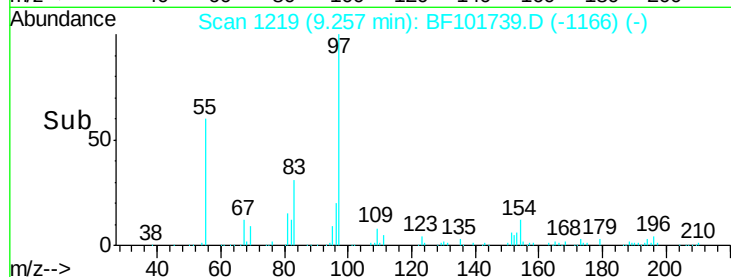
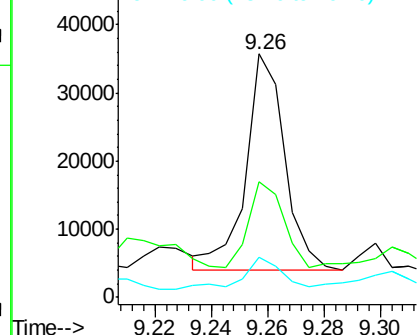
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	30552		
153	47.5	21.3	61.3	
76	16.2	0.0	34.0	

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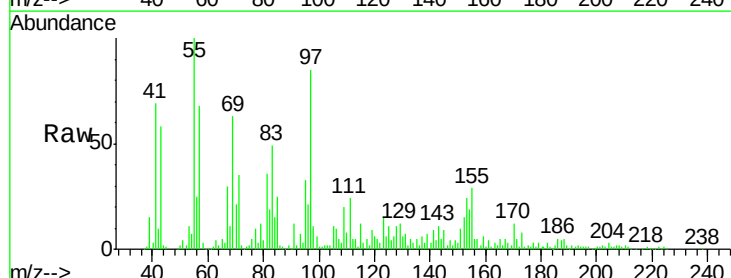


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

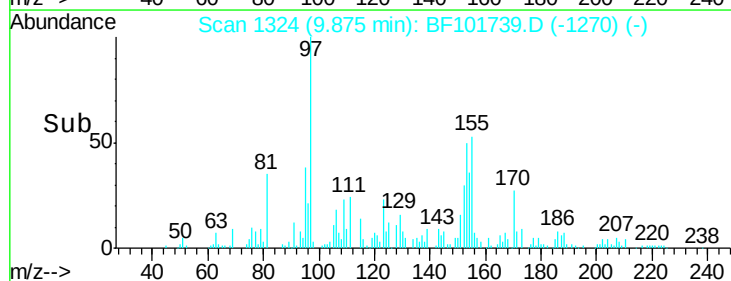
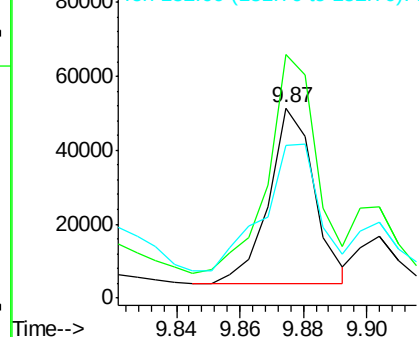


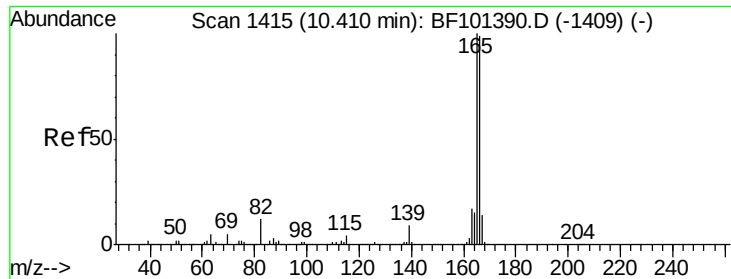
#51
Acenaphthene
Concen: 6.097 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF101739.D
Acq: 27 Dec 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	47656		
153	128.1	91.2	136.8	
152	80.5	43.8	65.8#	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#57

Fluorene

Concen: 9.024 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

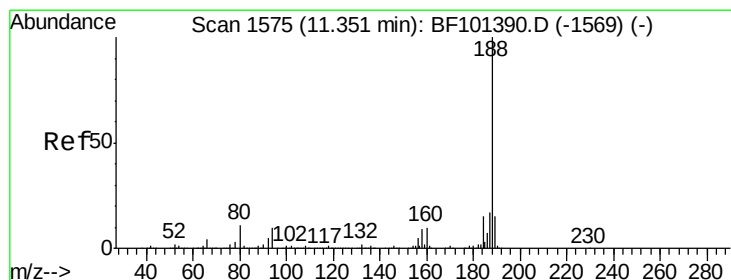
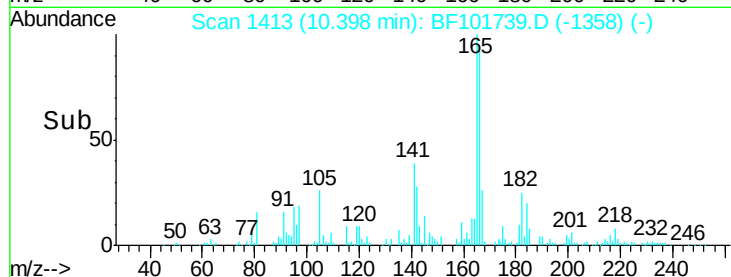
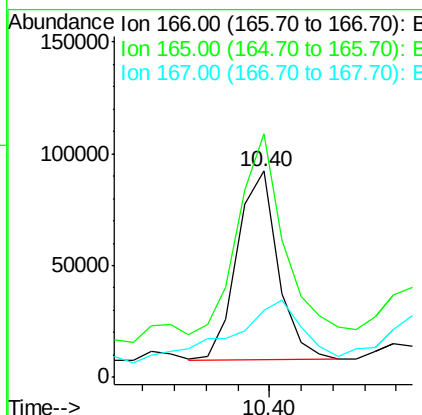
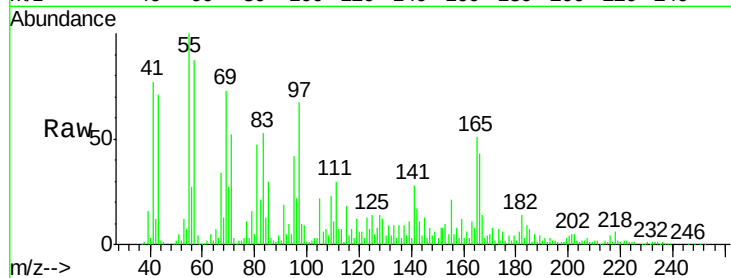
ClientSampleId :

DB-SW1-7

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	118.0	75823	79.8	119.8
167	32.2		10.6	16.0#

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

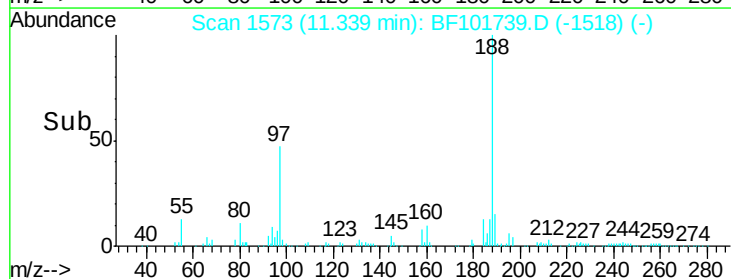
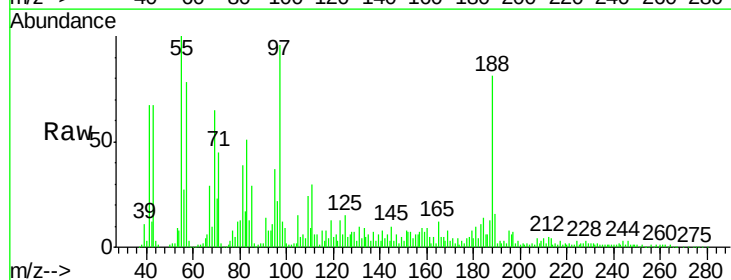
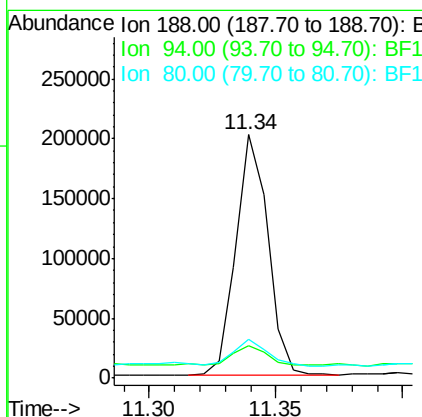
RT: 11.34 min Scan# 1573

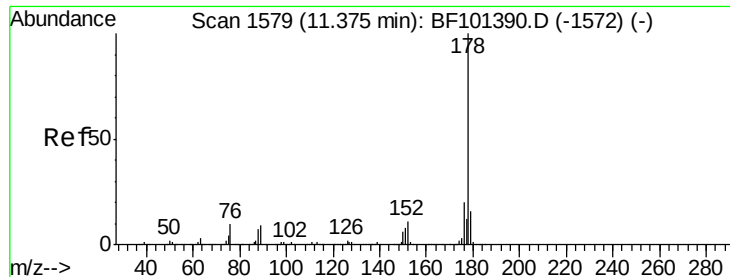
Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	175955		
94	13.5		8.5	12.7#
80	15.8		9.2	13.8#





#70

Phenanthrene

Concen: 20.658 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.02 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

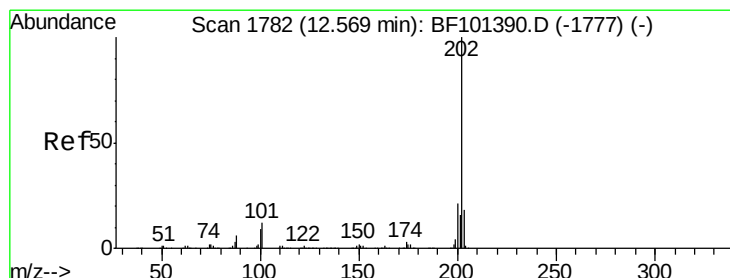
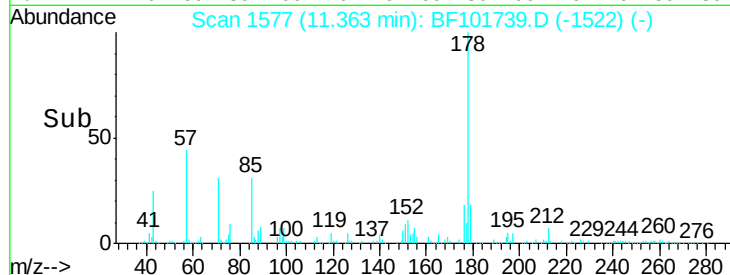
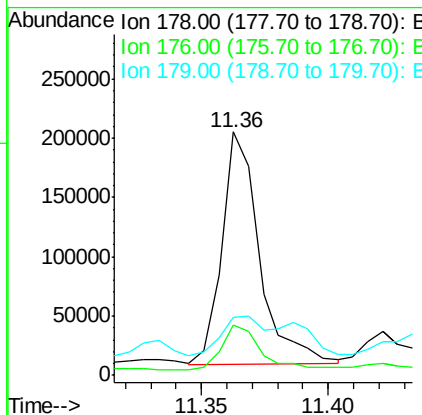
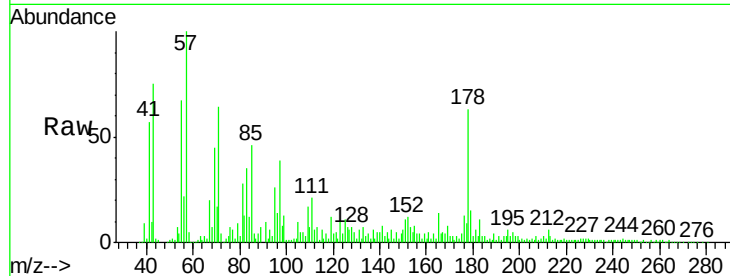
ClientSampleId :

DB-SW1-7

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	23.9	13.0	19.6

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#74

Fluoranthene

Concen: 2.368 ng m

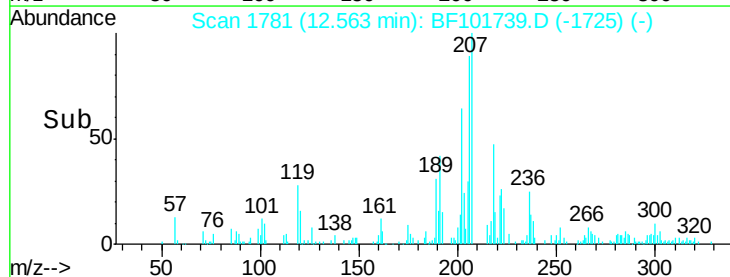
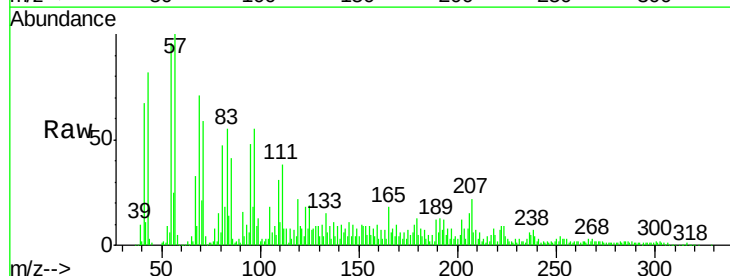
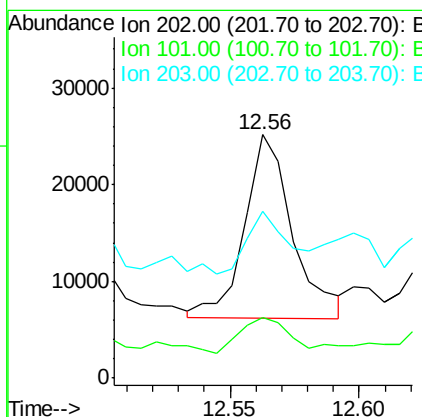
RT: 12.56 min Scan# 1781

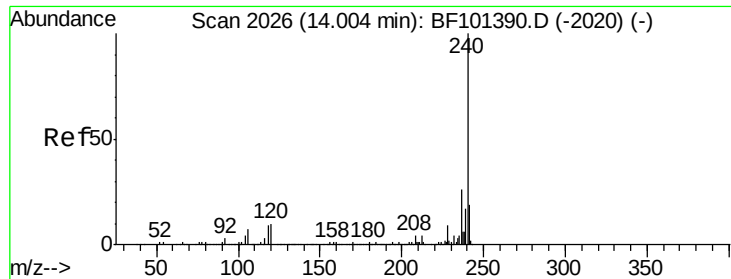
Delta R.T. 0.03 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	25.1	0.0	34.1
203	68.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.03 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Instrument :

BNA_F

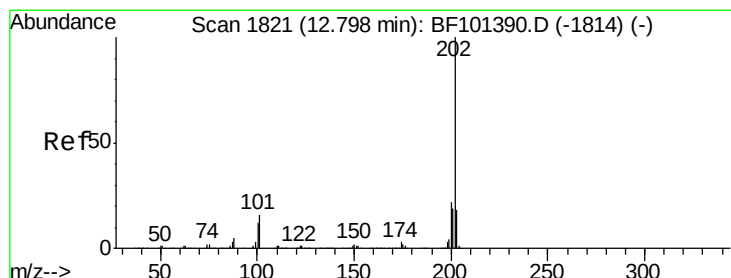
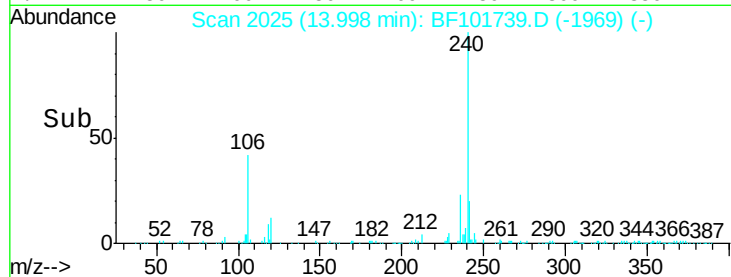
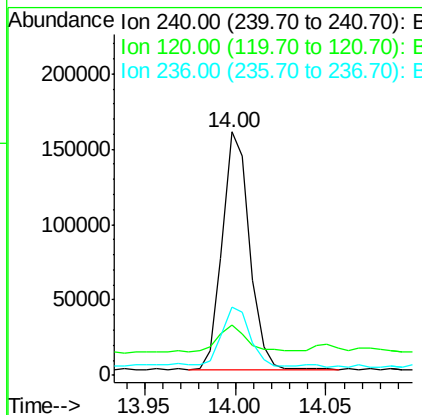
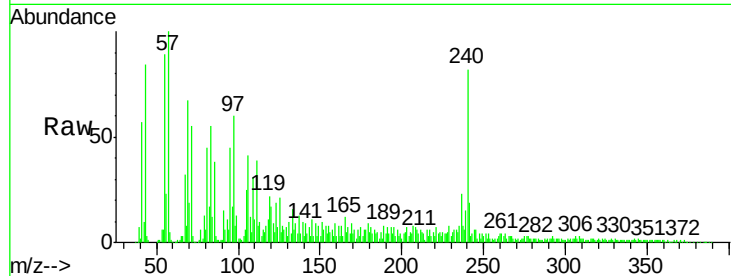
ClientSampleId :

DB-SW1-7

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100				
120	20.8	9.5	14.3#		
236	28.1	20.7	31.1		

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#77

Pyrene

Concen: 4.479 ng m

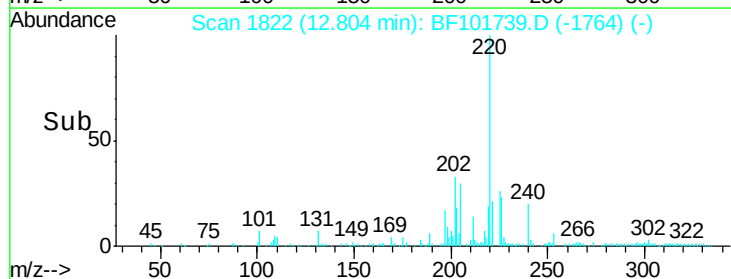
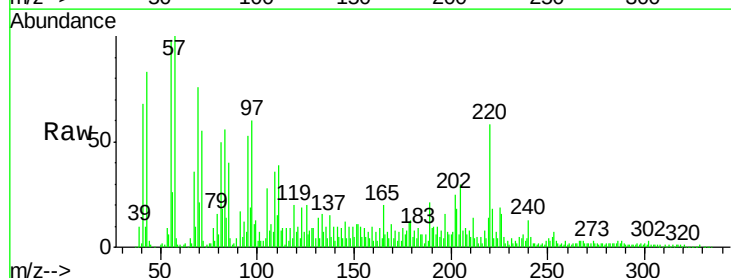
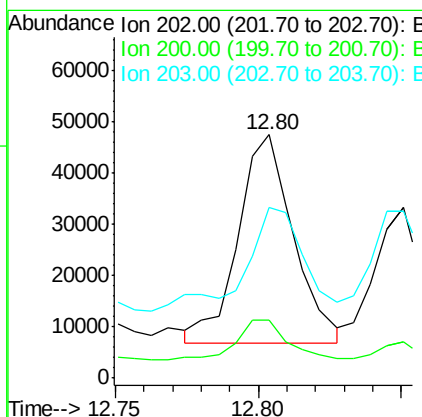
RT: 12.80 min Scan# 1822

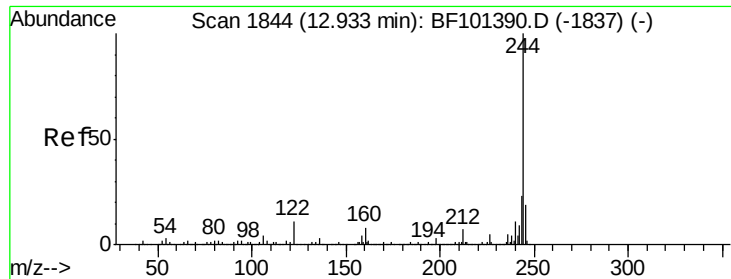
Delta R.T. 0.04 min

Lab File: BF101739.D

Acq: 27 Dec 2017 2:54

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
200	24.0	17.4	26.2		
203	70.3	14.3	21.5#		





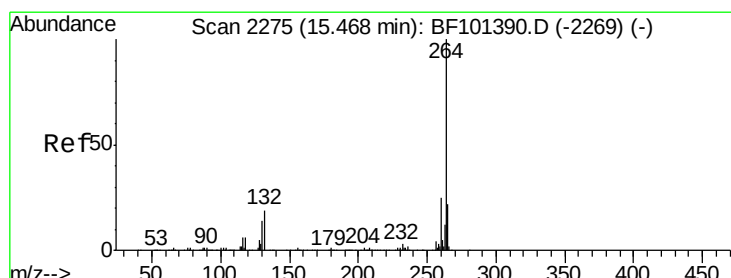
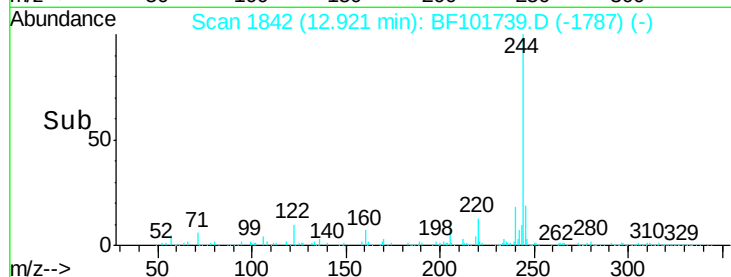
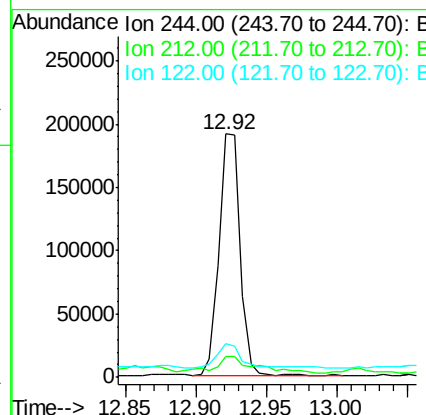
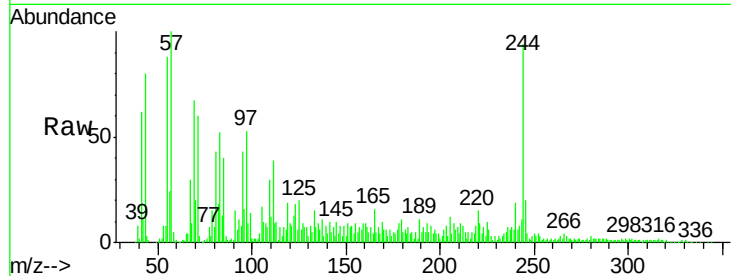
#78
 Terphenyl-d14
 Concen: 28.887 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.02 min
 Lab File: BF101739.D
 Acq: 27 Dec 2017 2:54

Instrument :
 BNA_F
 ClientSampleId :
 DB-SW1-7

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	196792		
212	8.4	5.4	8.0#	
122	14.1	11.0	16.4	

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.05 min
 Lab File: BF101739.D
 Acq: 27 Dec 2017 2:54

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	164941		
260	24.7	19.2	28.8	
265	23.7	17.5	26.3	

