

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099116.D
 Acq On : 5 Oct 2017 21:14
 Operator : SJ/JU
 Sample : I5604-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-100217

Manual Integrations
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Quant Time: Oct 06 02:47:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138787	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	582335	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	263899	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	459979	20.00	ng	0.00
75) Chrysene-d12	14.03	240	286126	20.00	ng	0.00
86) Perylene-d12	15.50	264	248115	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	881718	101.13	ng	0.00
7) Phenol-d6	6.49	99	1102612	102.52	ng	0.00
23) Nitrobenzene-d5	7.43	82	661505	72.85	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	177994	82.43	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1184538	74.93	ng	0.00
78) Terphenyl-d14	12.97	244	961517	76.42	ng	0.00
Target Compounds						
10) Phenol	6.50	94	26118	2.171	ng	96
49) Dimethylphthalate	9.61	163	133776	6.716	ng	99
74) Fluoranthene	12.60	202	61096	2.451	ng	99
77) Pyrene	12.83	202	60039	2.752	ng	98

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

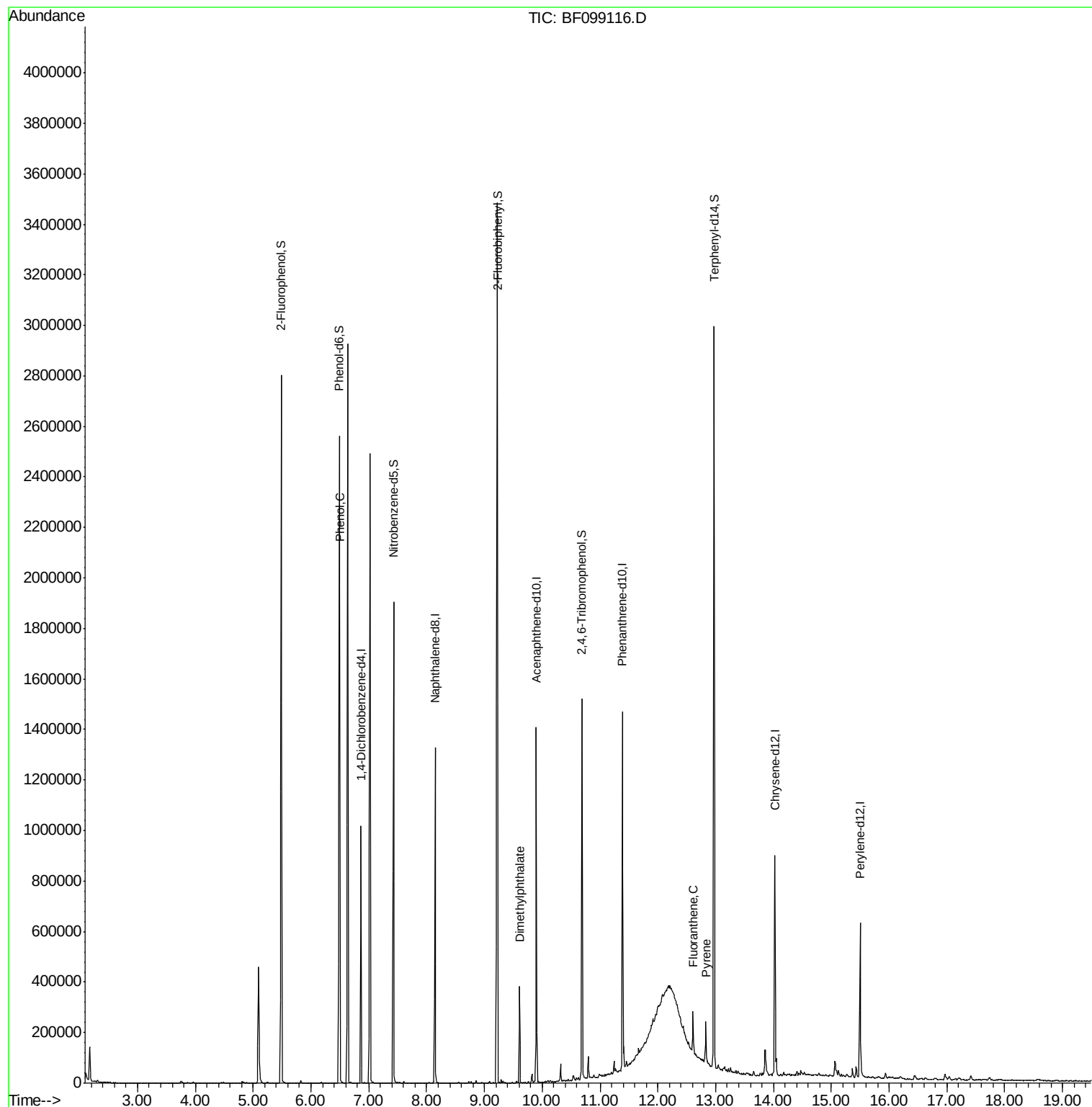
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099116.D
Acq On : 5 Oct 2017 21:14
Operator : SJ/JU
Sample : I5604-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

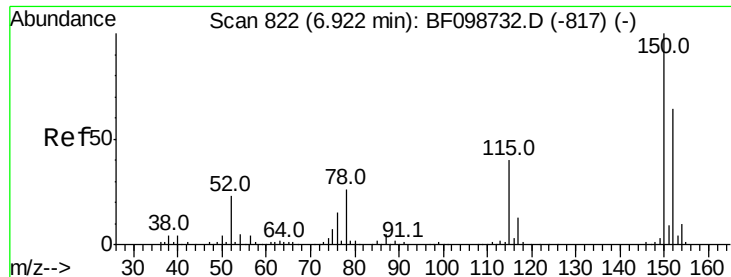
Instrument :
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#1

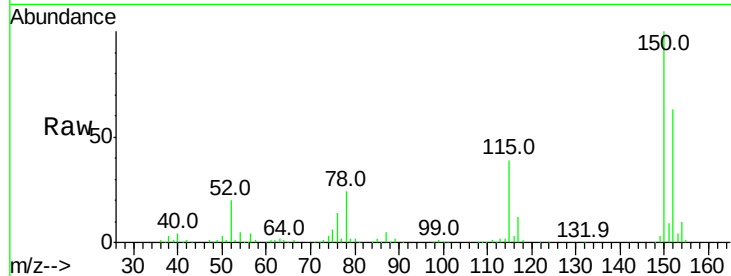
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217

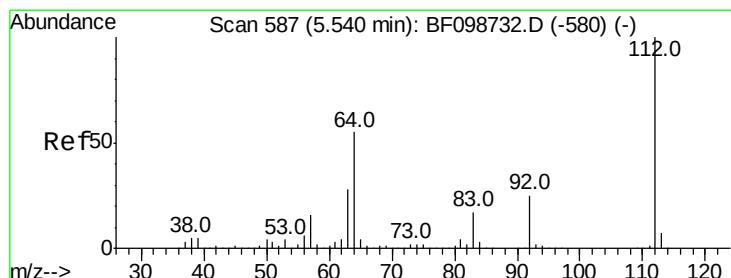
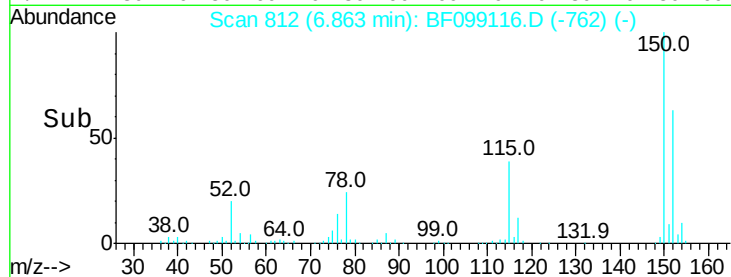
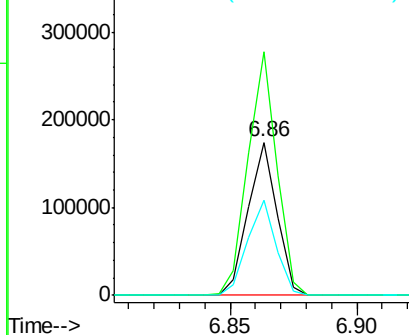
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	61.8	50.1	75.1

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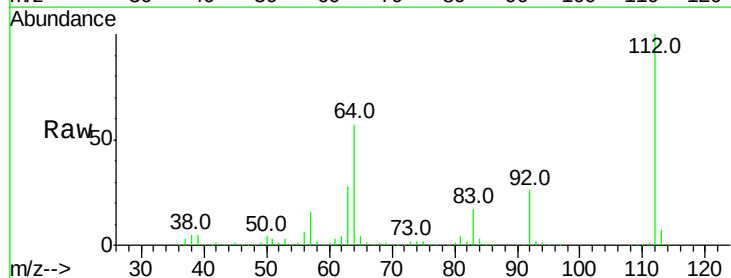
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



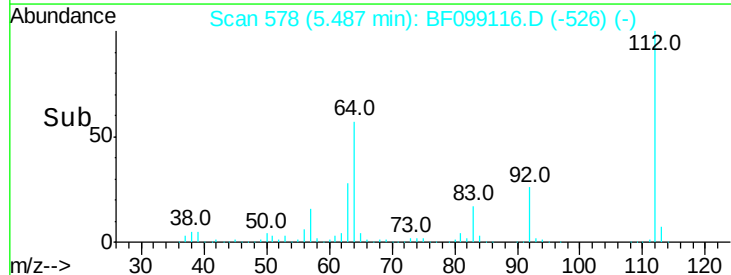
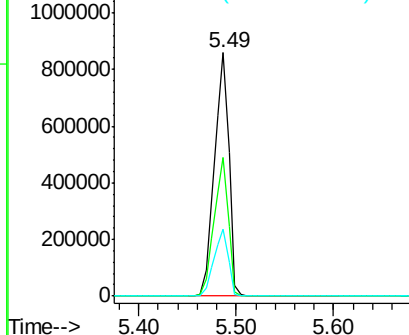
#5

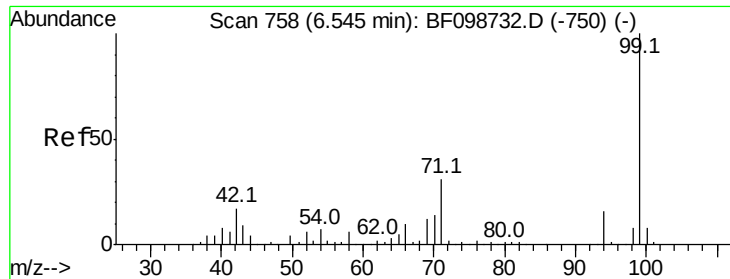
2-Fluorophenol
Concen: 101.134 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	27.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.521 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099116.D

Acq: 5 Oct 2017 21:14

Instrument :

BNA_F

ClientSampled :

SP-A-100217

Tot Ion: 99 Resp: 1102612

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

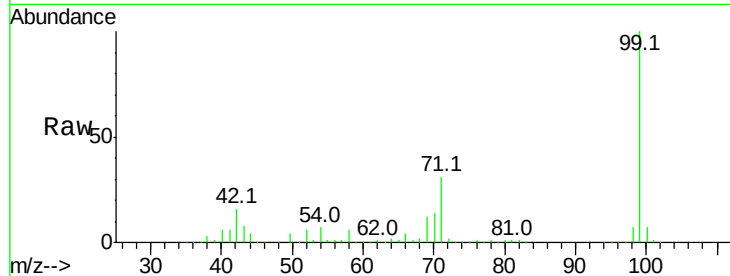
71 30.9 25.4 38.0

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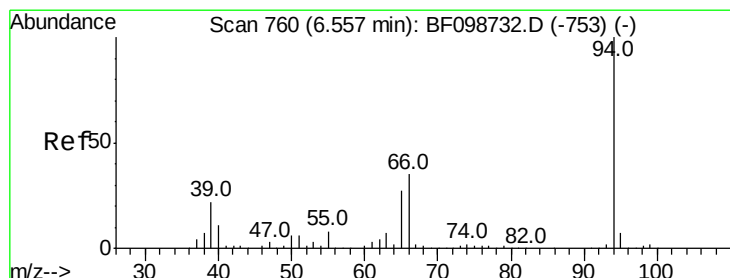
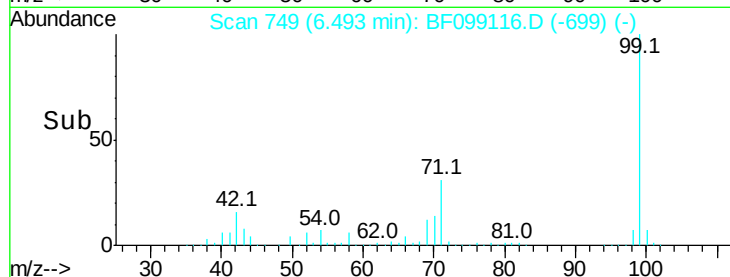
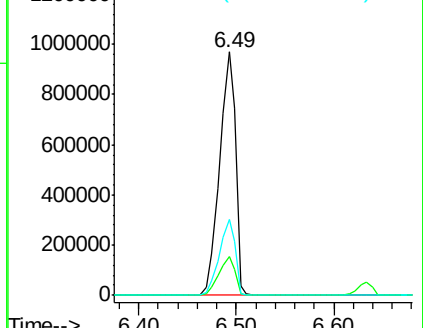
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.171 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF099116.D

Acq: 5 Oct 2017 21:14

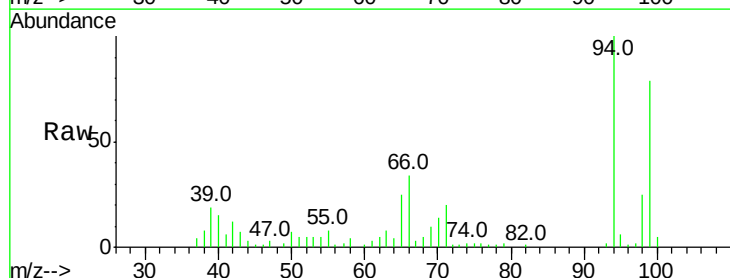
Tgt Ion: 94 Resp: 26118

Ion Ratio Lower Upper

94 100

65 24.7 7.9 47.9

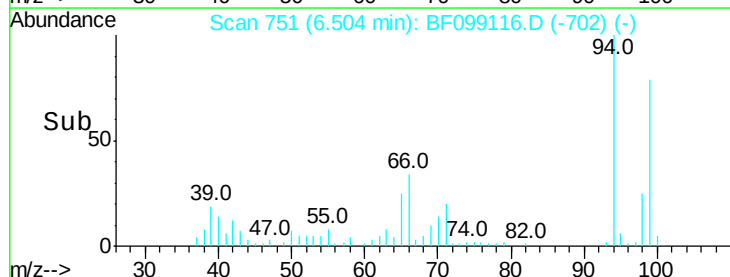
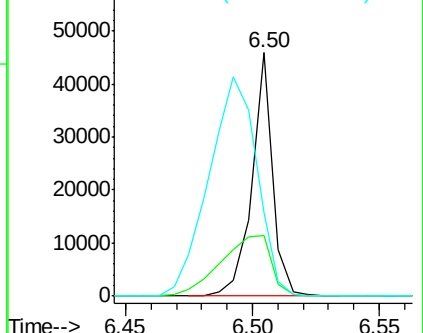
66 34.3 16.2 56.2

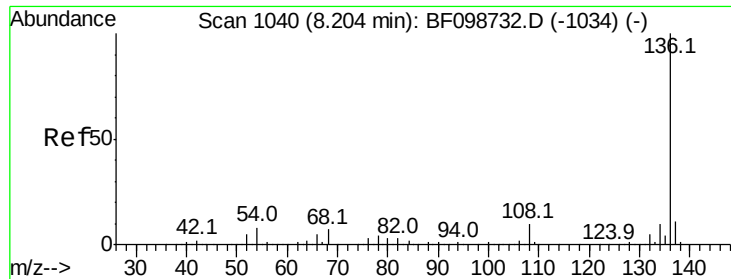


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





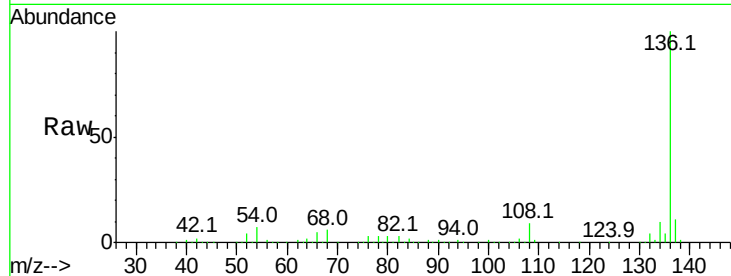
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Instrument :
BNA_F
ClientSampled :
SP-A-100217

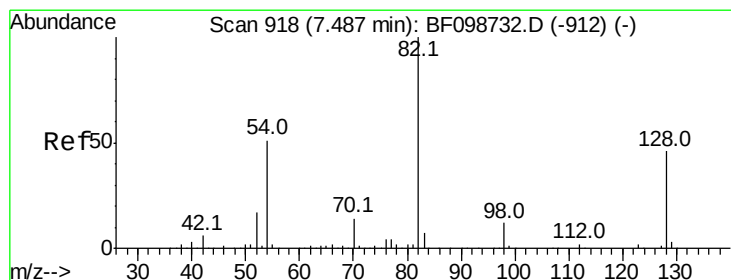
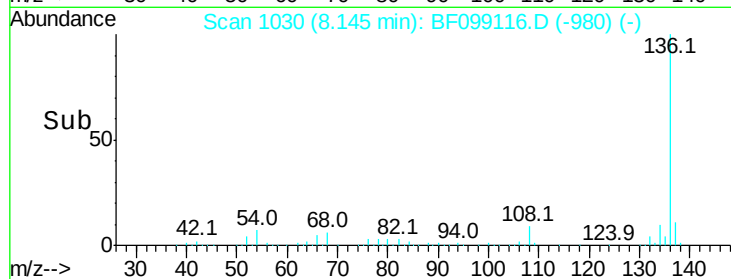
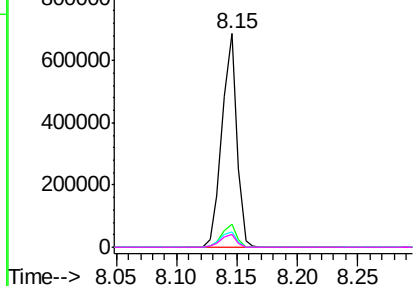
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.4	6.6	9.8	
68	5.9	5.0	7.4	

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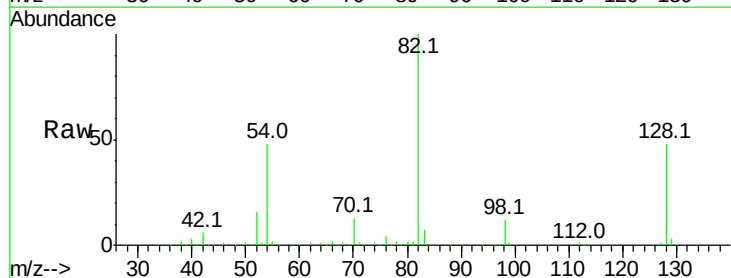


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

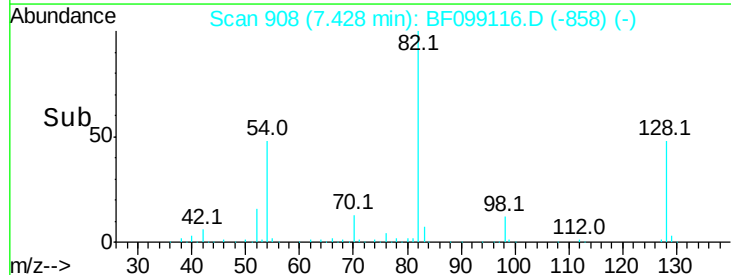
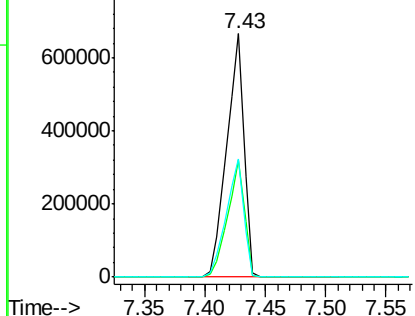


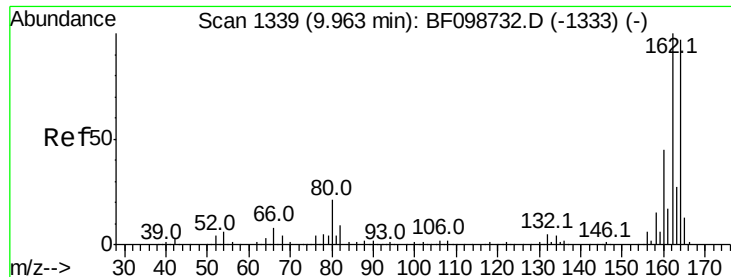
#23
Nitrobenzene-d5
Concen: 72.849 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	36.1	54.1	
54	48.4	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





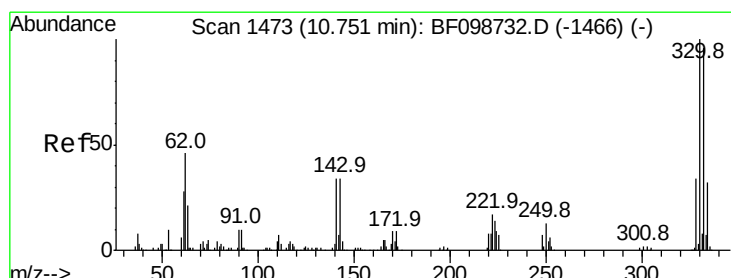
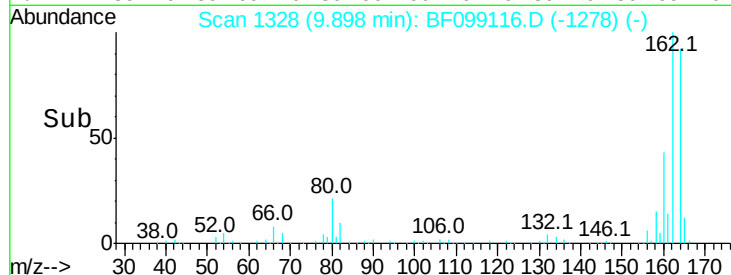
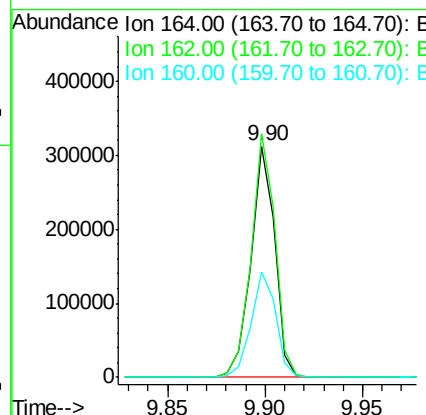
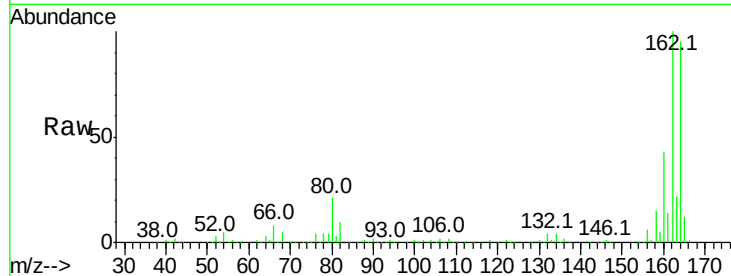
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217

Tot Ion	Ratio	Resp	Lower	Upper
164	100	263899		
162	105.2	86.1	129.1	
160	45.3	38.3	57.5	

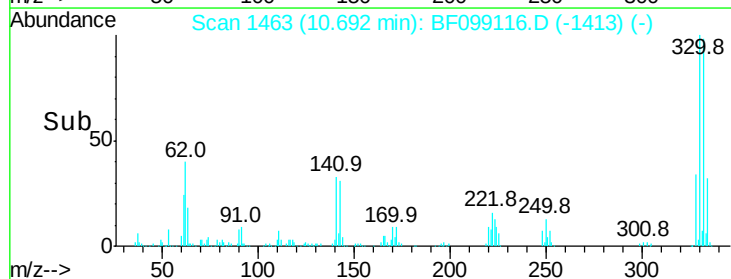
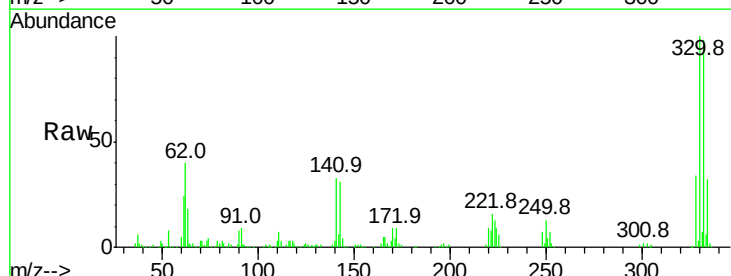
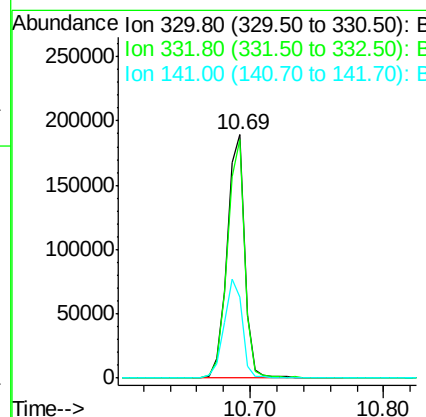
Manual Integrations
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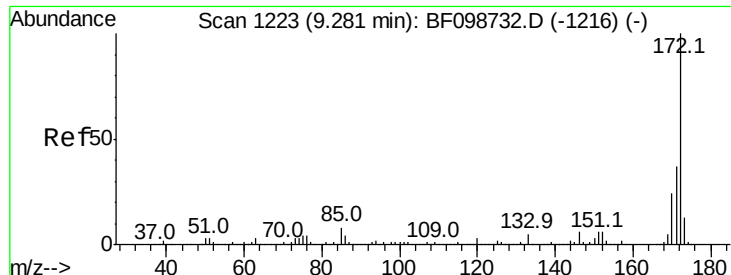
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#41
2,4,6-Tribromophenol
Concen: 82.427 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	177994		
332	96.6	77.0	115.6	
141	42.1	29.9	44.9	





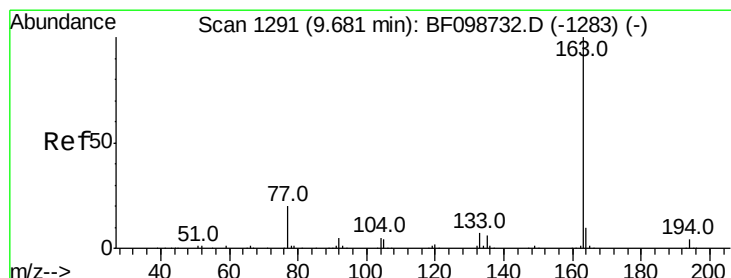
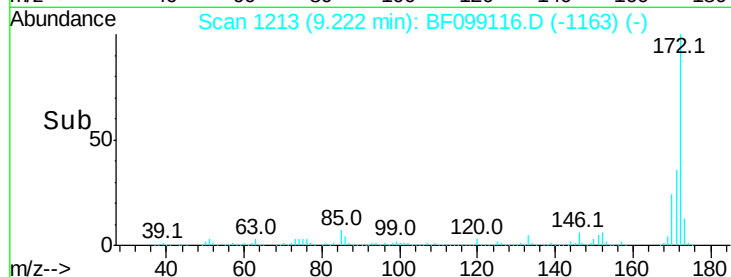
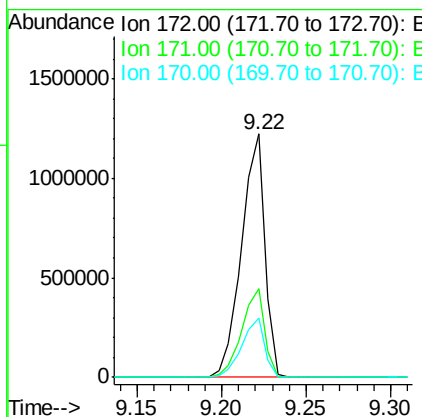
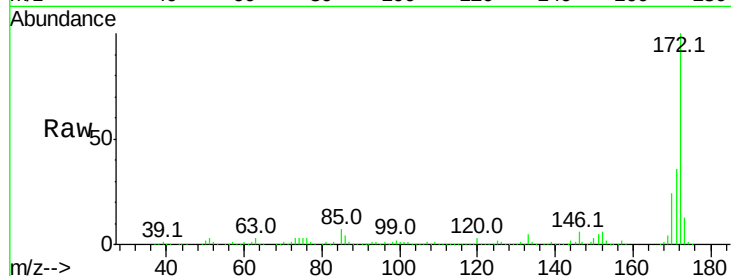
#44
2-Fluorobiphenyl
Concen: 74.933 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

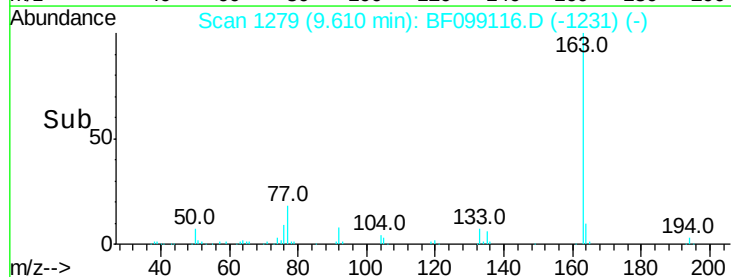
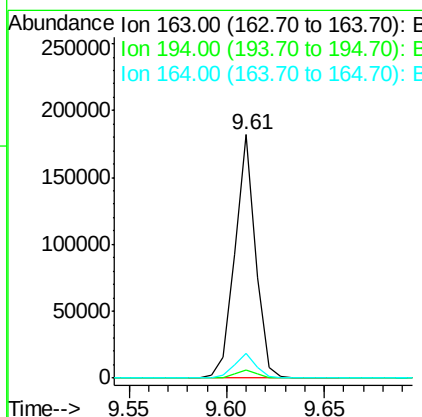
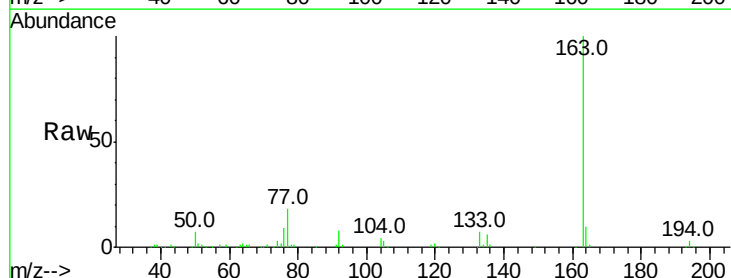
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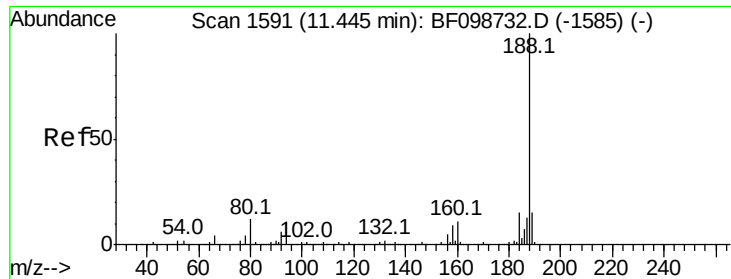
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#49
Dimethylphthalate
Concen: 6.716 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.9	8.2	12.2





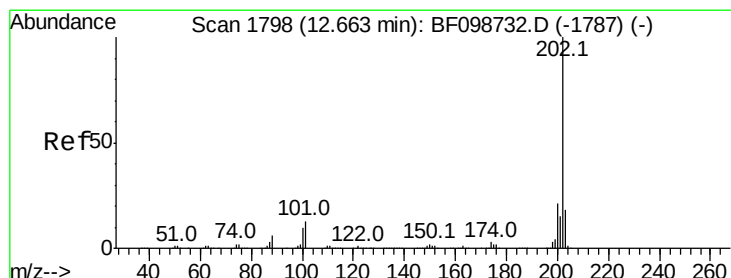
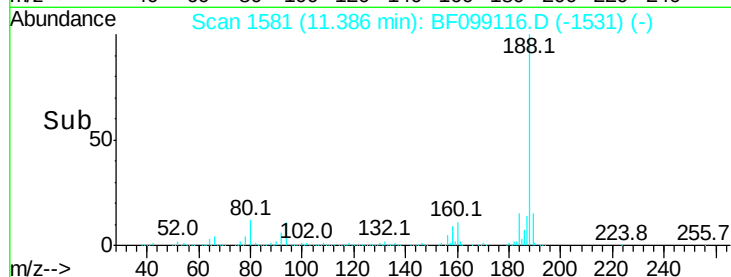
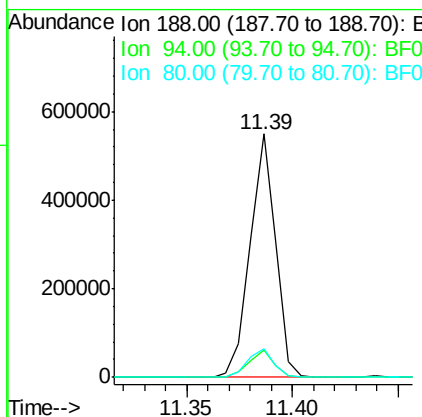
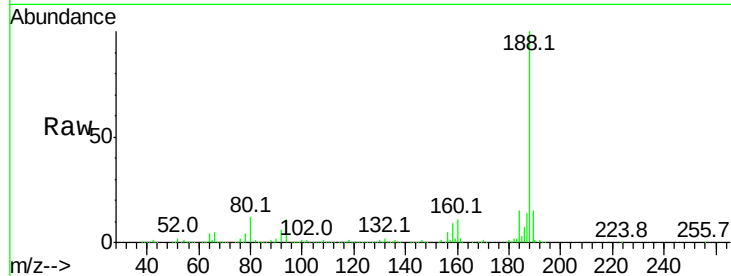
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Instrument :
BNA_F
ClientSampleId :
SP-A-100217

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.3	8.5	12.7	
80	12.0	9.2	13.8	

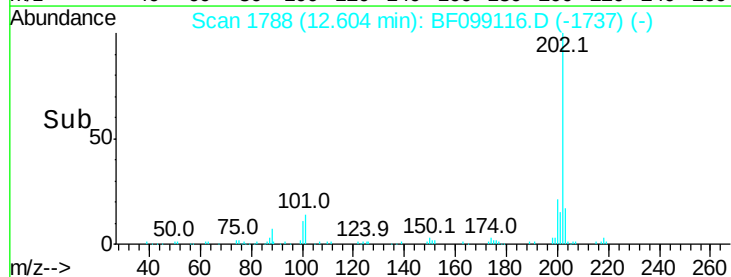
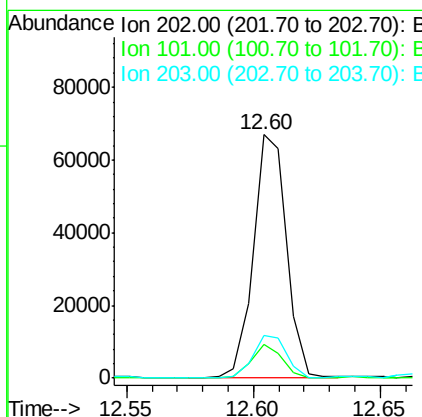
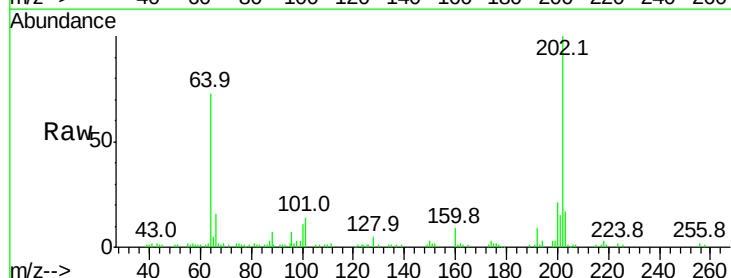
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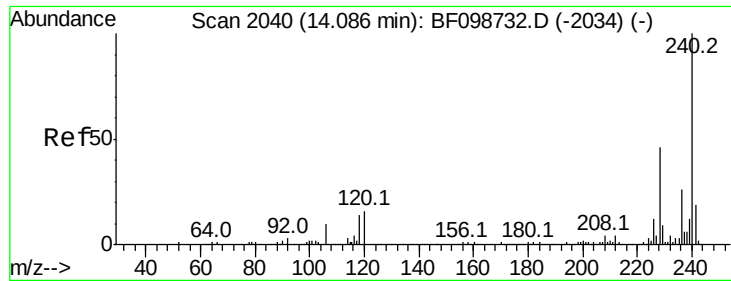
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#74
Fluoranthene
Concen: 2.451 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF099116.D
Acq: 5 Oct 2017 21:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.8	0.0	34.1	
203	17.3	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099116.D

Acq: 5 Oct 2017 21:14

Instrument :

BNA_F

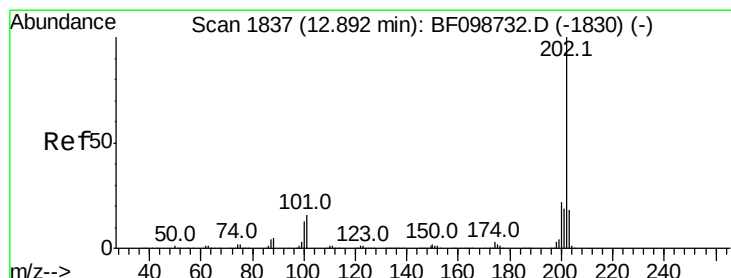
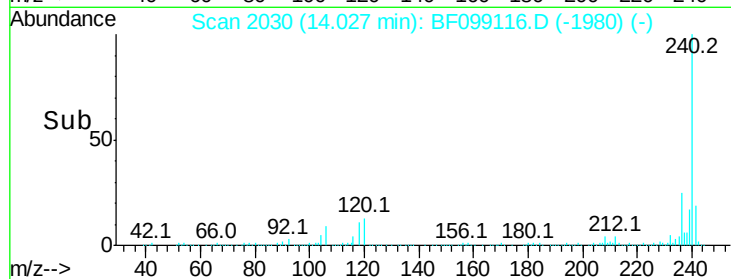
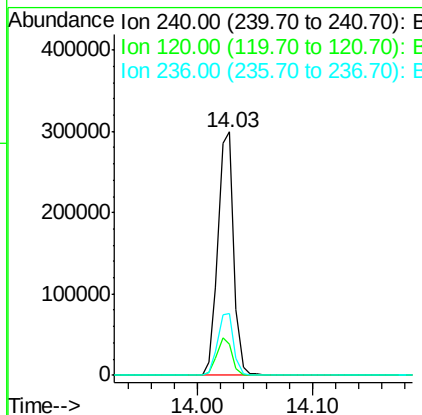
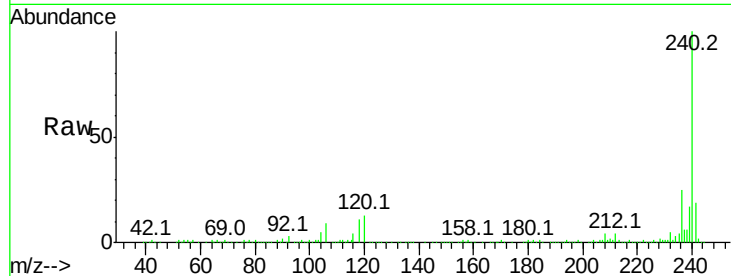
ClientSampleId :

SP-A-100217

Tot Ion:	240	Resp:	286126
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	25.2	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.752 ng

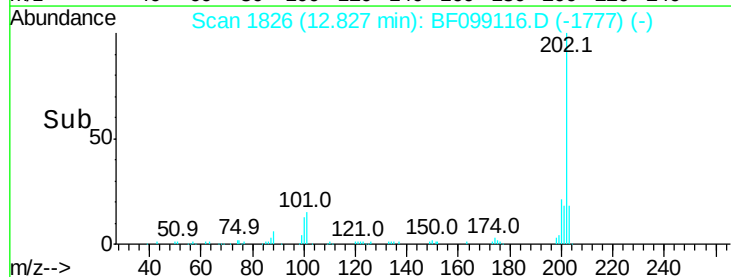
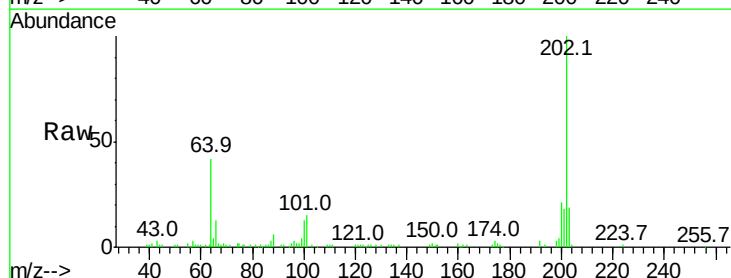
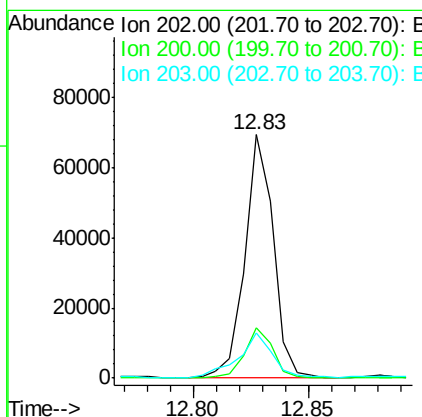
RT: 12.83 min Scan# 1826

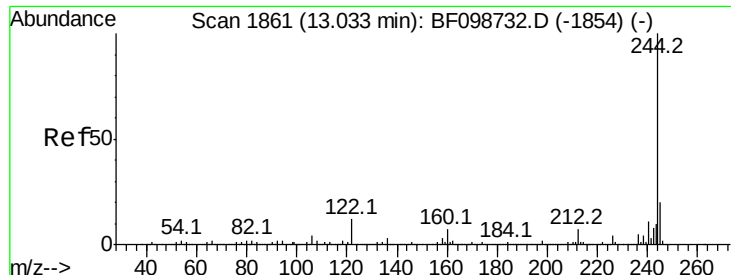
Delta R.T. -0.01 min

Lab File: BF099116.D

Acq: 5 Oct 2017 21:14

Tgt Ion:	202	Resp:	60039
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.7	14.3	21.5





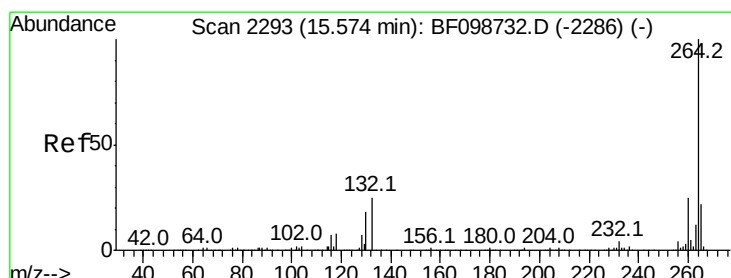
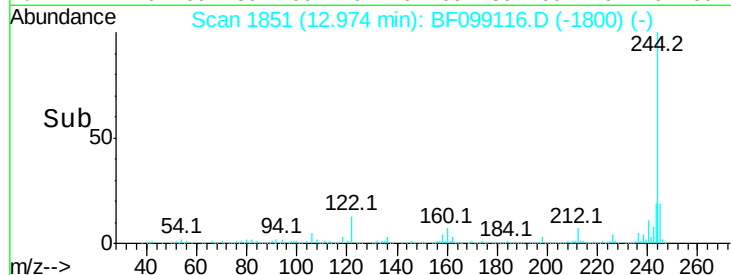
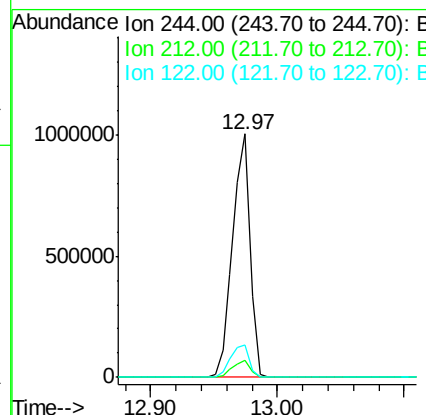
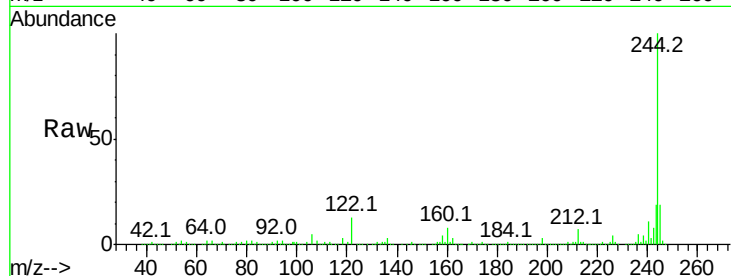
#78
 Terphenyl-d14
 Concen: 76.424 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF099116.D
 Acq: 5 Oct 2017 21:14

Instrument :
 BNA_F
 ClientSampled :
 SP-A-100217

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.2	11.0	16.4

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:34:54 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099116.D
 Acq: 5 Oct 2017 21:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3

