

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092236.D
 Acq On : 13 Jan 2017 5:43
 Operator : UM/SJ
 Sample : I1146-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-19-11017

Manual Integrations
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 1/13/2017 11:07:21 AM

Quant Time: Jan 13 10:15:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	243321	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	845590	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	415246	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	714105	20.00	ng	-0.05
75) Chrysene-d12	13.74	240	537319	20.00	ng	-0.05
86) Perylene-d12	15.10	264	520649	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	2049876	140.67	ng	-0.03
7) Phenol-d6	6.26	99	2323563	130.60	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1501624	98.75	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	548023	159.47	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	2179254	111.56	ng	-0.05
78) Terphenyl-d14	12.70	244	1829010	82.56	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	9.36	163	579686	21.83	ng	99
70) Phenanthrene	11.13	178	430306	11.11	ng	97
74) Fluoranthene	12.31	202	570987	14.19	ng	99
77) Pyrene	12.54	202	576853	14.63	ng	98
80) Benzo(a)anthracene	13.73	228	277630	9.15	ng	96
82) Chrysene	13.76	228	256659	8.44	ng	96
85) Indeno(1,2,3-cd)pyrene	16.33	276	117255	4.45	ng	98
87) Benzo(b)fluoranthene	14.73	252	358128m	11.05	ng	
88) Benzo(k)fluoranthene	14.75	252	60632m	2.19	ng	
89) Benzo(a)pyrene	15.04	252	224829	7.81	ng	99
91) Benzo(g,h,i)perylene	16.71	276	109723	4.46	ng	96

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

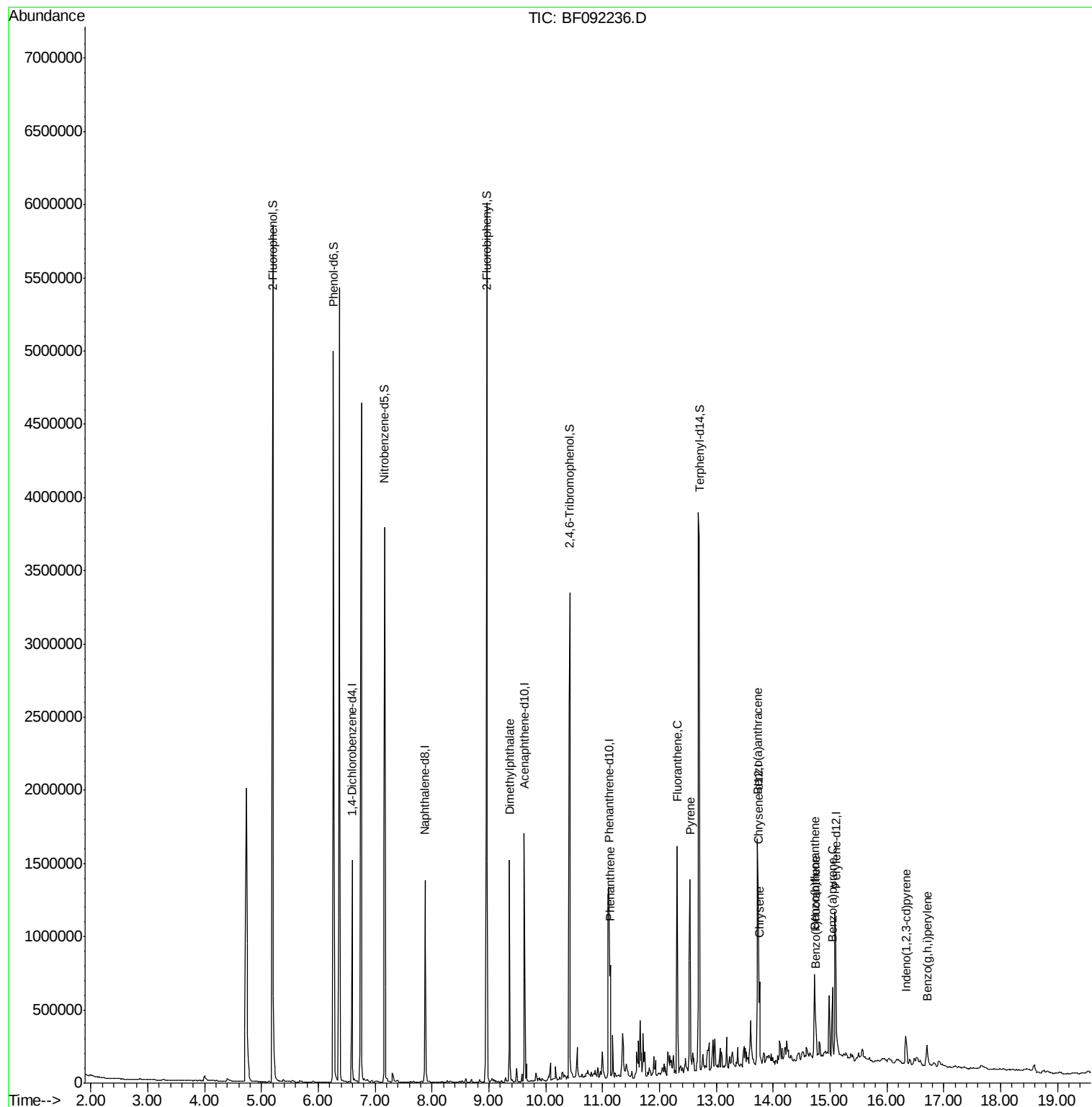
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
Data File : BF092236.D
Acq On : 13 Jan 2017 5:43
Operator : UM/SJ
Sample : I1146-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Manual Integrations
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Quant Time: Jan 13 10:15:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

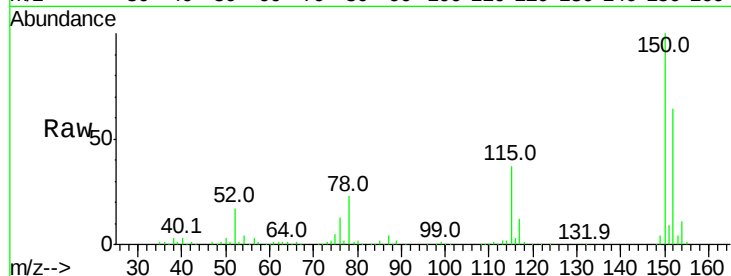
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

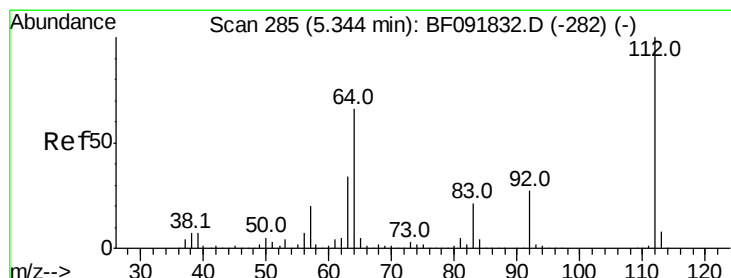
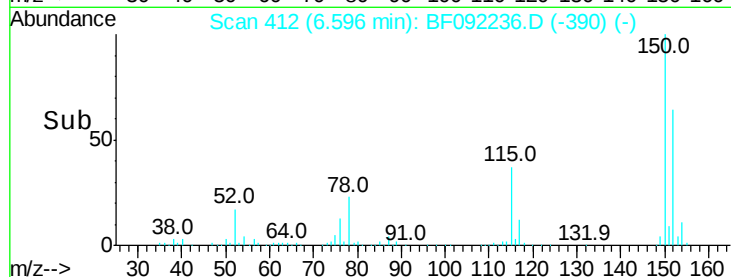
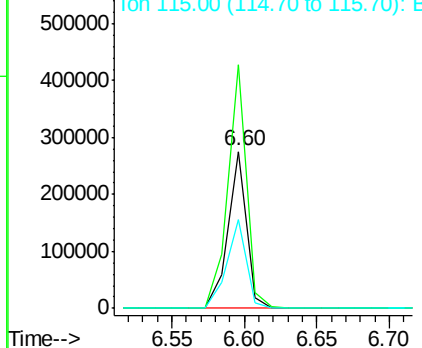
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	57.0	46.0	69.0

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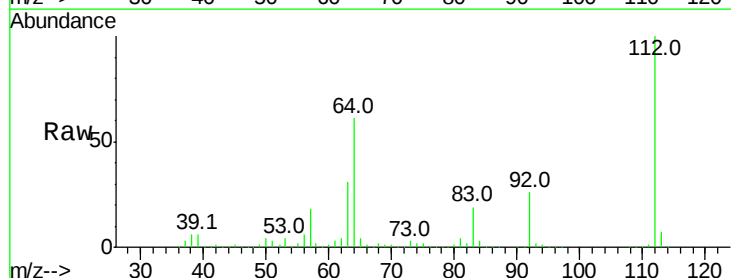
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



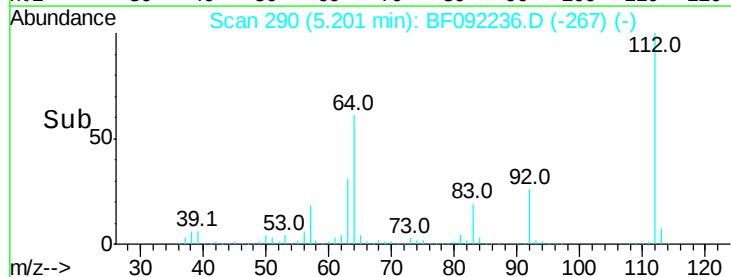
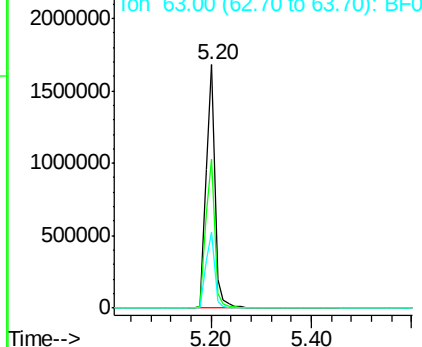
#5

2-Fluorophenol
Concen: 140.67 ng
RT: 5.20 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.1	69.1
63	31.1	23.8	35.6



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: 130.60 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092236.D

Acq: 13 Jan 2017 5:43

Instrument :

BNA_F

ClientSampleId :

P-19-11017

Tot Ion: 99 Resp: 2323563

Ion Ratio Lower Upper

99 100

42 19.1 15.6 23.4

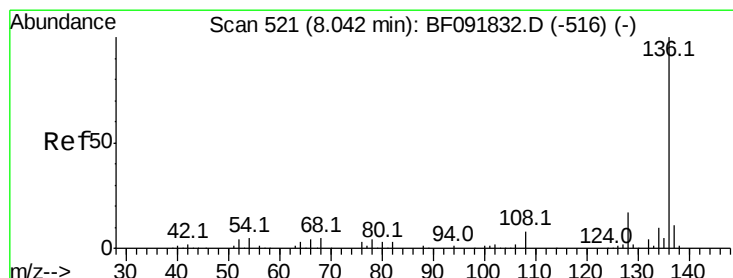
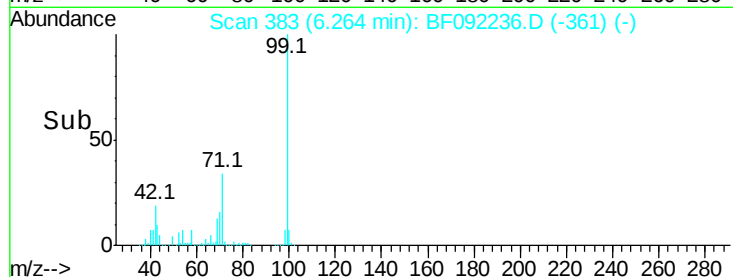
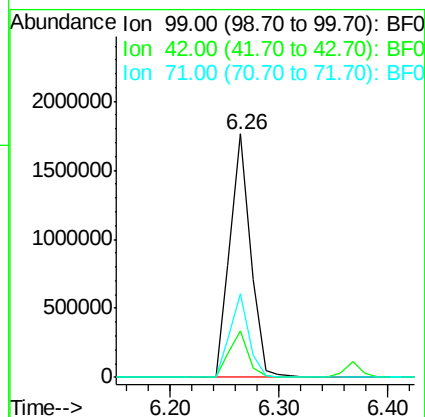
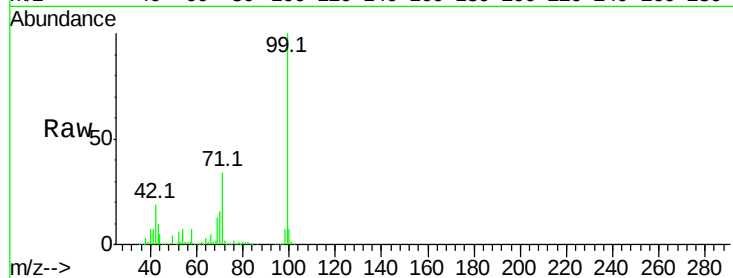
71 34.2 27.5 41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF092236.D

Acq: 13 Jan 2017 5:43

Tgt Ion: 136 Resp: 845590

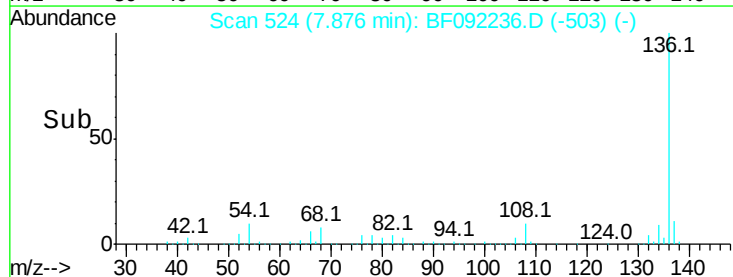
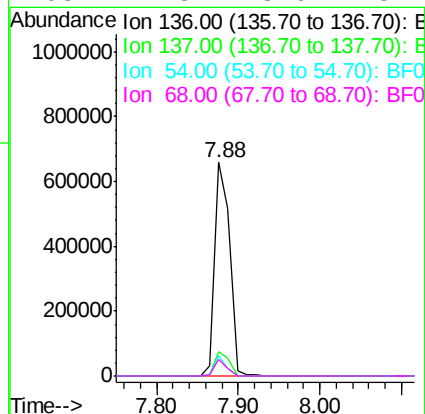
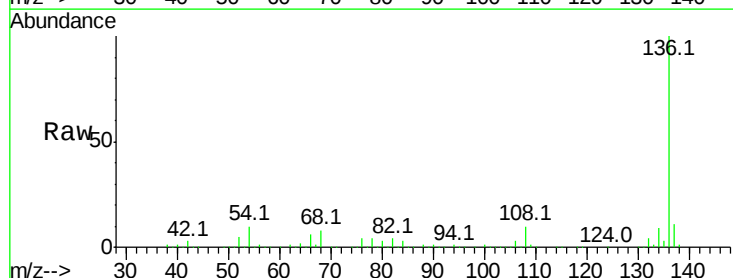
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 9.8 4.5 6.7#

68 7.8 3.6 5.4#





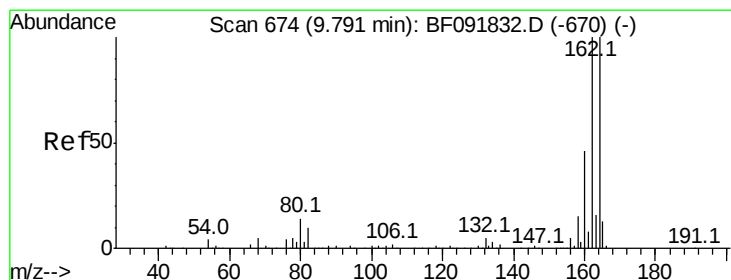
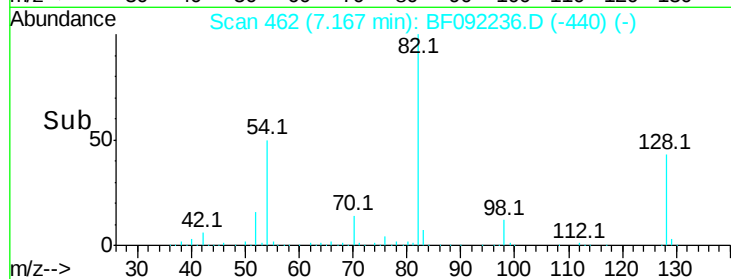
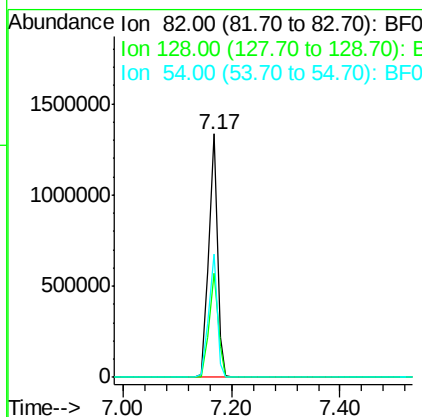
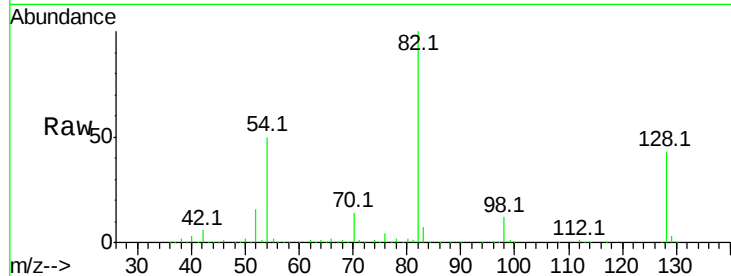
#23
Nitrobenzene-d5
Concen: 98.75 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampled :
P-19-11017

Tot Ion	82	Resp	1501624
Ion Ratio	100	Lower	Upper
128	42.6	34.6	52.0
54	50.5	39.5	59.3

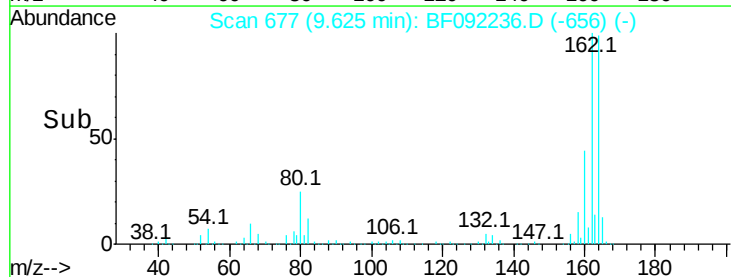
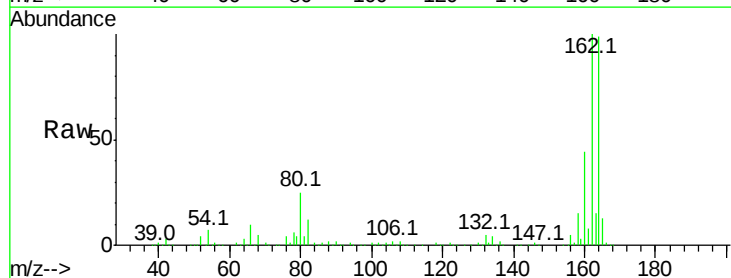
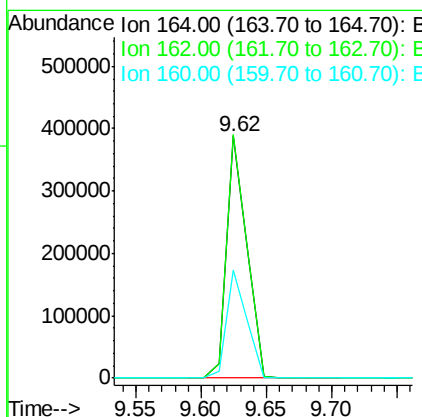
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion	164	Resp	415246
Ion Ratio	100	Lower	Upper
162	100.7	80.2	120.2
160	44.4	36.9	55.3





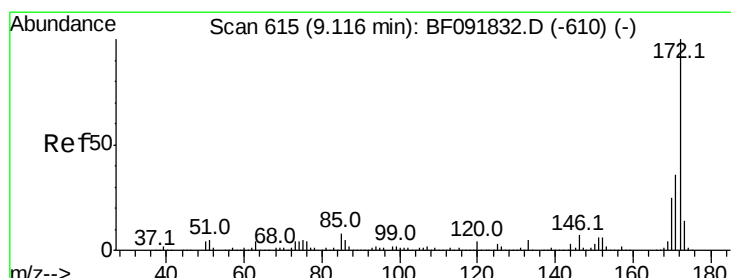
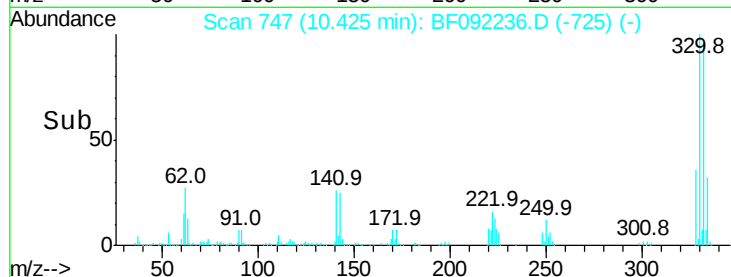
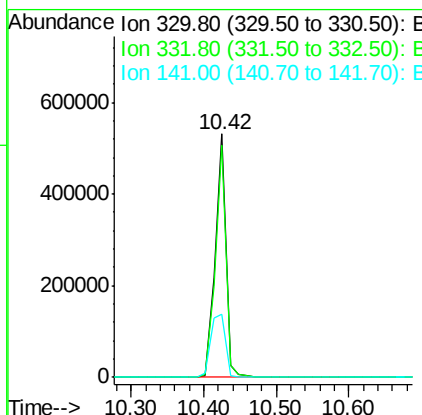
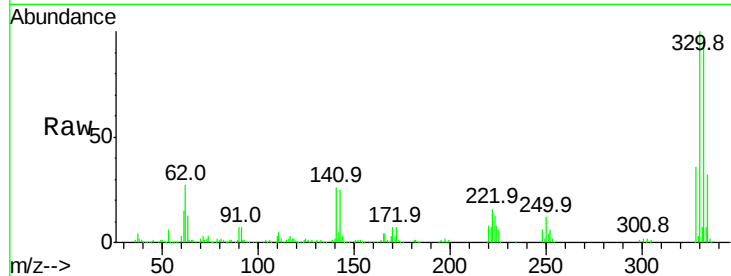
#41
 2,4,6-Tribromophenol
 Concen: 159.47 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092236.D
 Acq: 13 Jan 2017 5:43

Instrument :
 BNA_F
 ClientSampleId :
 P-19-11017

Tot Ion	Ratio	Resp	Lower	Upper
330	100	548023		
332	94.9	77.4	116.2	
141	35.8	34.1	51.1	

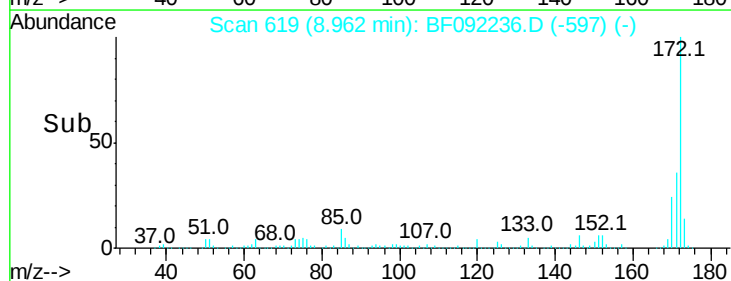
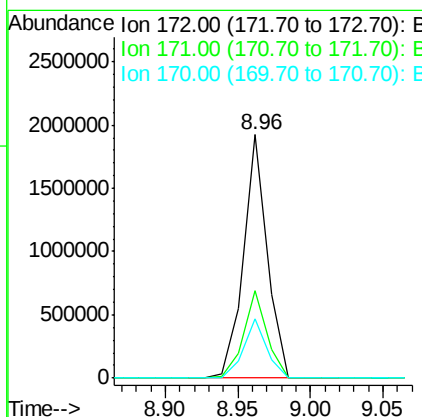
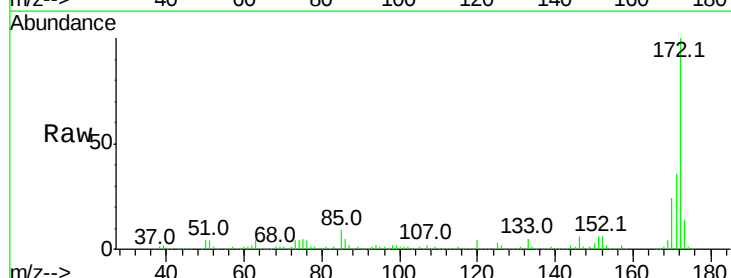
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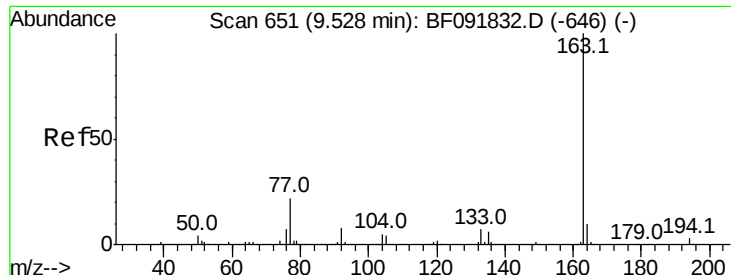
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#44
 2-Fluorobiphenyl
 Concen: 111.56 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092236.D
 Acq: 13 Jan 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2179254		
171	36.0	29.4	44.0	
170	24.4	20.2	30.4	





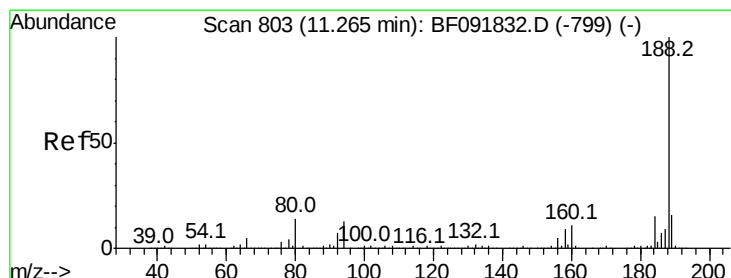
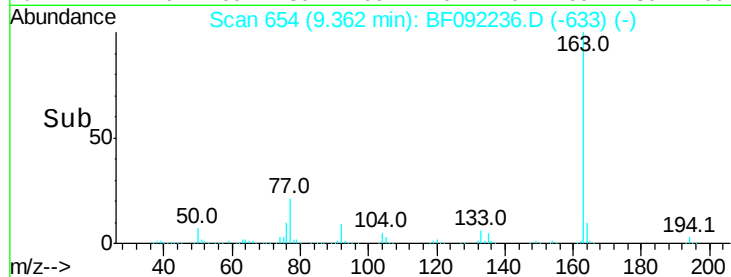
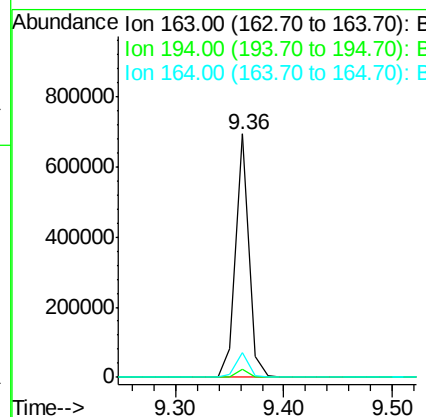
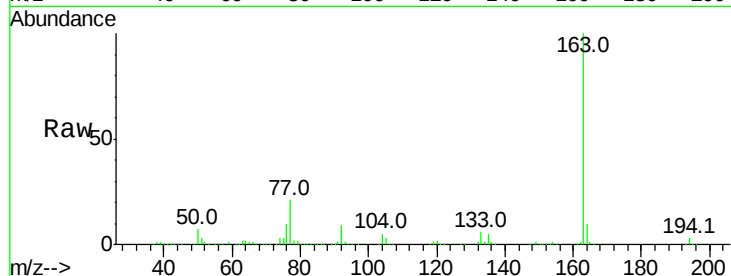
#49
Dimethylphthalate
Concen: 21.83 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tot Ion	Ratio	Resp	Lower	Upper
163	100	579686		
194	3.1		3.0	4.4
164	10.3		8.0	12.0

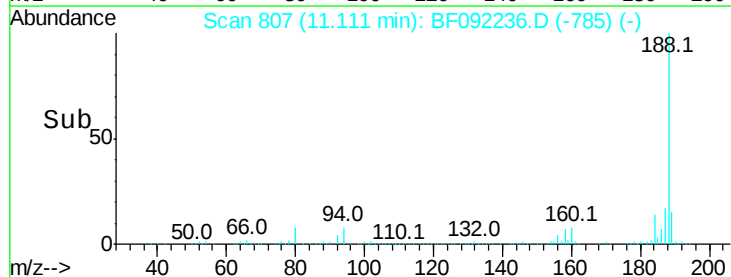
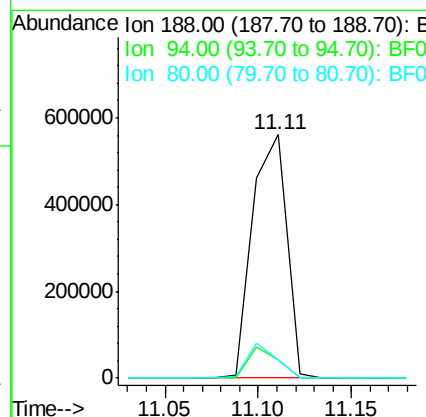
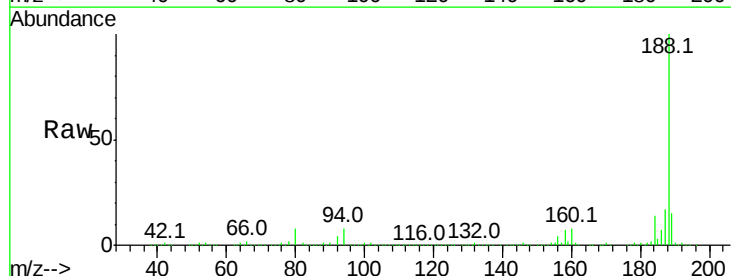
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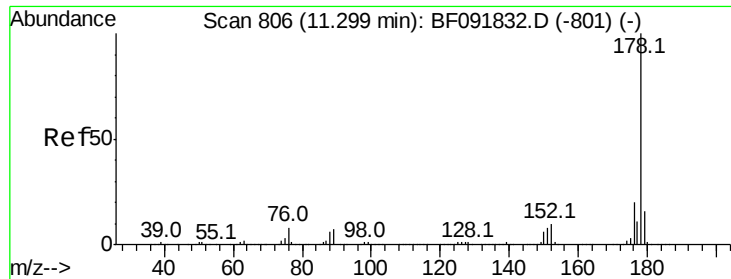
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	714105		
94	7.7		10.0	15.0#
80	7.7		11.2	16.8#





#70

Phenanthrene

Concen: 11.11 ng

RT: 11.13 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF092236.D

Acq: 13 Jan 2017 5:43

Instrument :

BNA_F

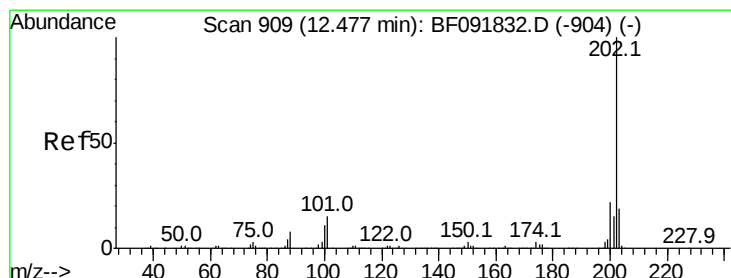
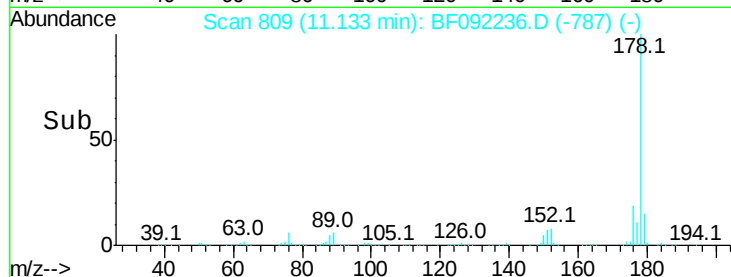
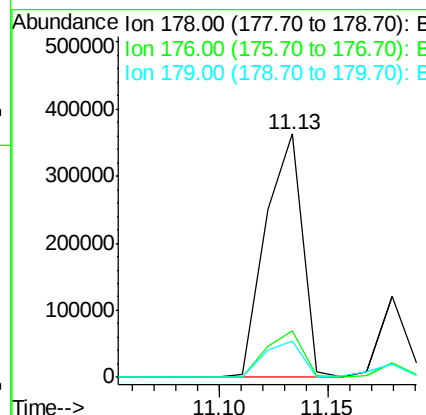
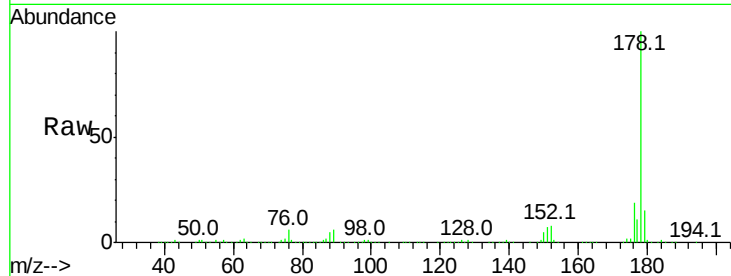
ClientSampleId :

P-19-11017

Tot Ion:	178	Resp:	430306
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.6	25.0
179	15.0	12.8	19.2

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#74

Fluoranthene

Concen: 14.19 ng

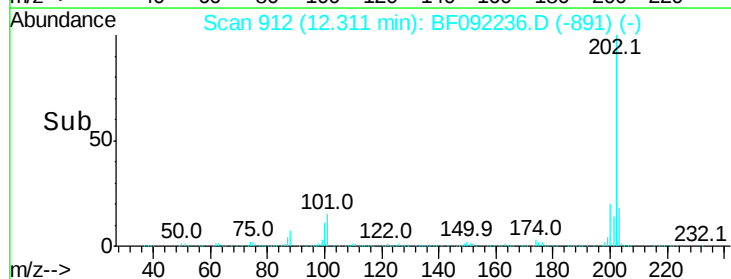
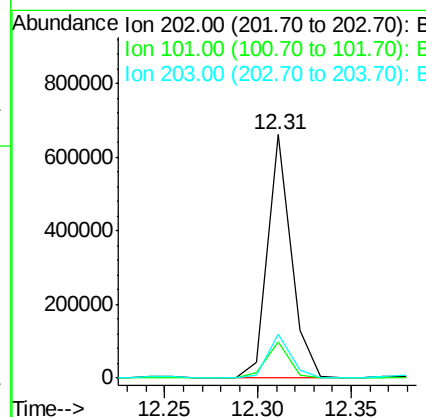
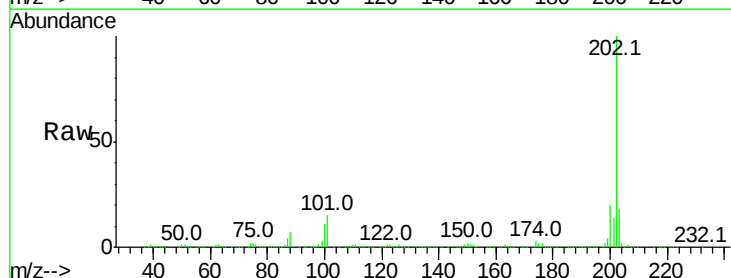
RT: 12.31 min Scan# 912

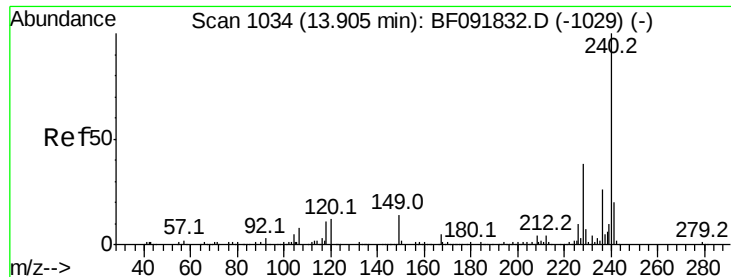
Delta R.T. -0.06 min

Lab File: BF092236.D

Acq: 13 Jan 2017 5:43

Tgt Ion:	202	Resp:	570987
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	34.6
203	17.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF092236.D

Acq: 13 Jan 2017 5:43

Instrument :

BNA_F

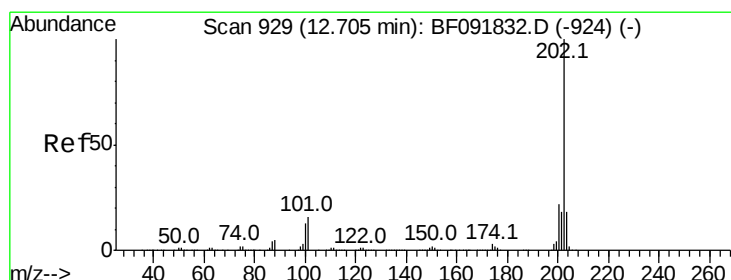
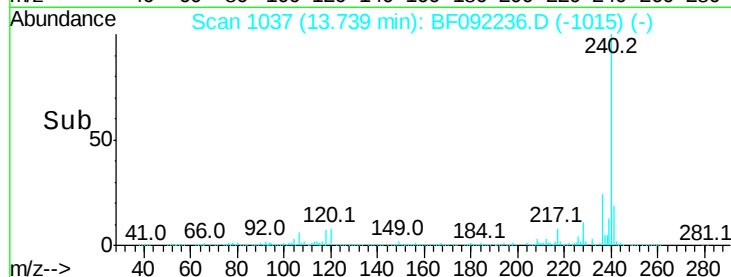
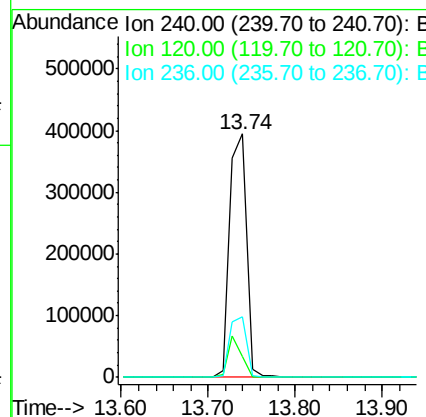
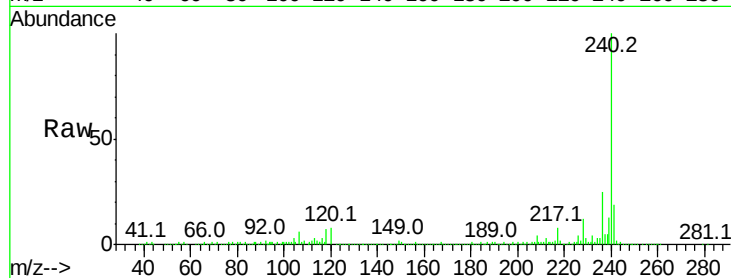
ClientSampled :

P-19-11017

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.5	12.9	19.3#	
236	24.7	20.9	31.3	

Manual Integrations
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#77

Pyrene

Concen: 14.63 ng

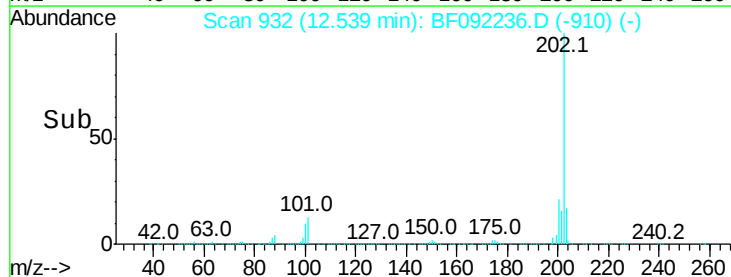
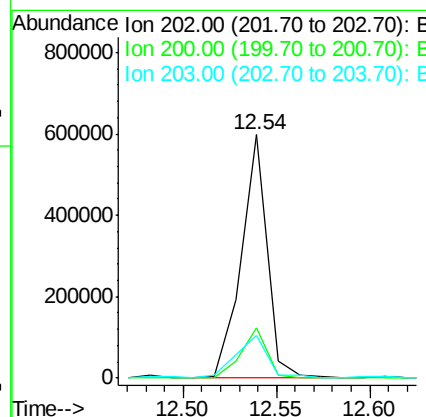
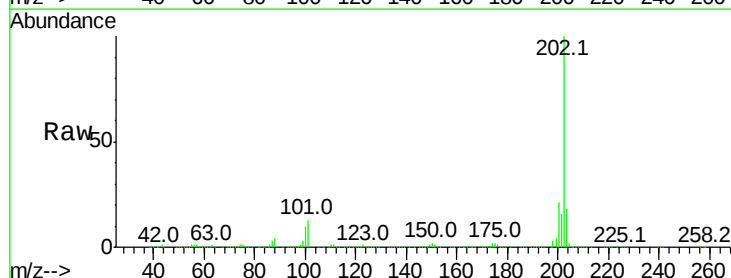
RT: 12.54 min Scan# 932

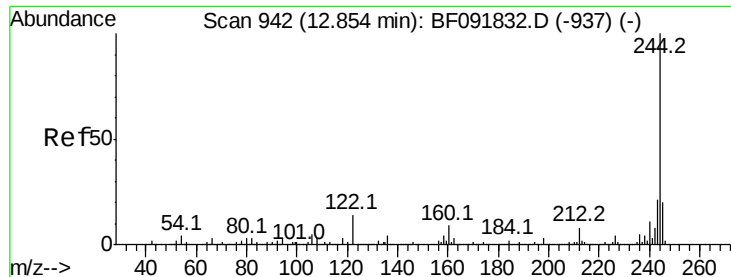
Delta R.T. -0.05 min

Lab File: BF092236.D

Acq: 13 Jan 2017 5:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.7	17.7	26.5	
203	17.5	14.7	22.1	





#78

Terphenyl-d14

Concen: 82.56 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092236.D

Acq: 13 Jan 2017 5:43

Instrument :

BNA_F

ClientSampleId :

P-19-11017

Tot Ion:244 Resp: 1829010

Ion Ratio Lower Upper

244 100

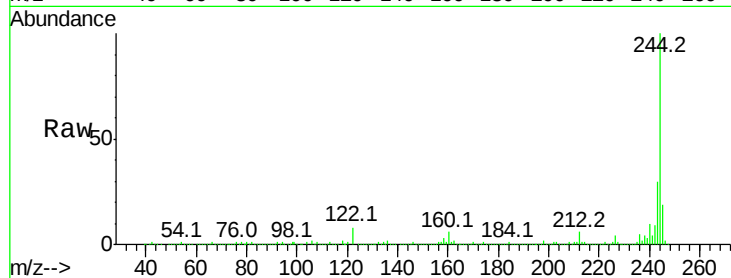
212 6.4 6.2 9.2

122 7.8 11.4 17.2#

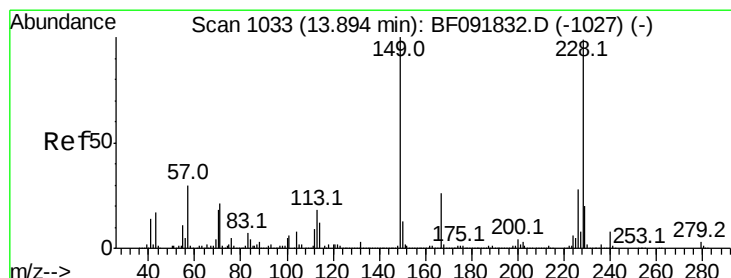
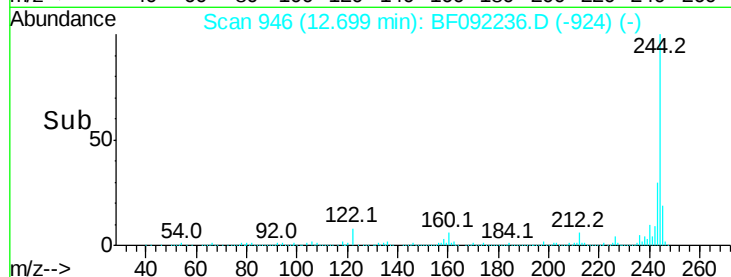
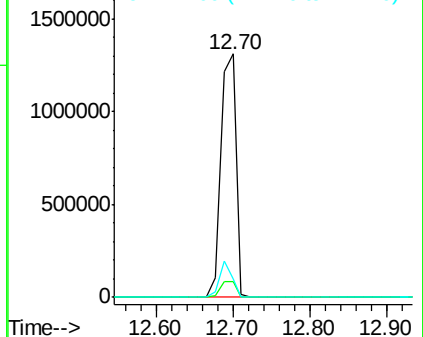
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 9.15 ng

RT: 13.73 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF092236.D

Acq: 13 Jan 2017 5:43

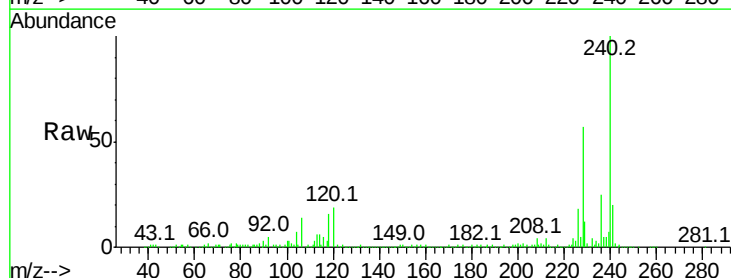
Tgt Ion:228 Resp: 277630

Ion Ratio Lower Upper

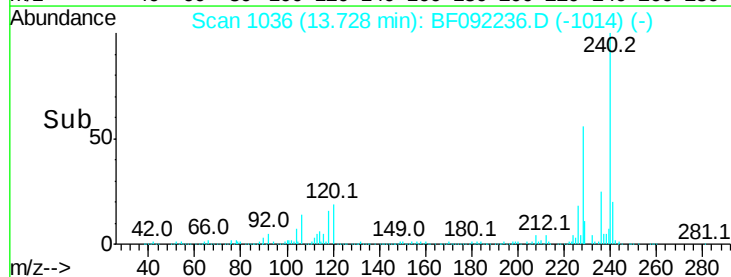
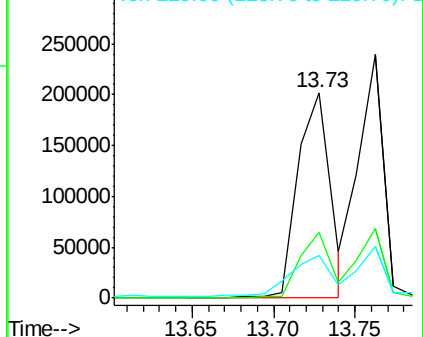
228 100

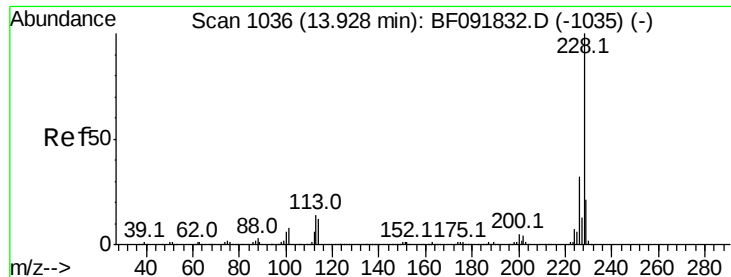
226 31.9 22.4 33.6

229 20.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





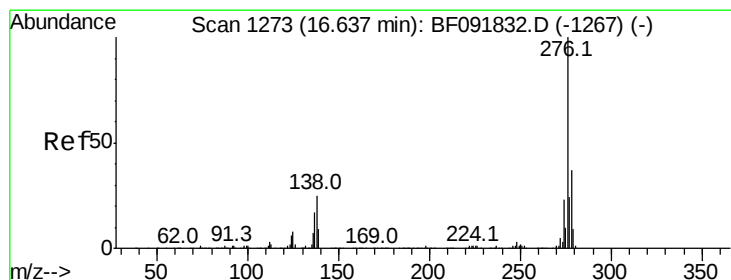
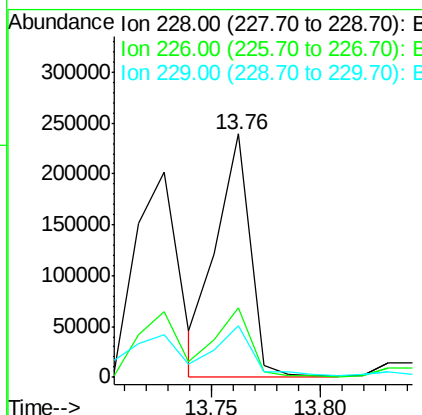
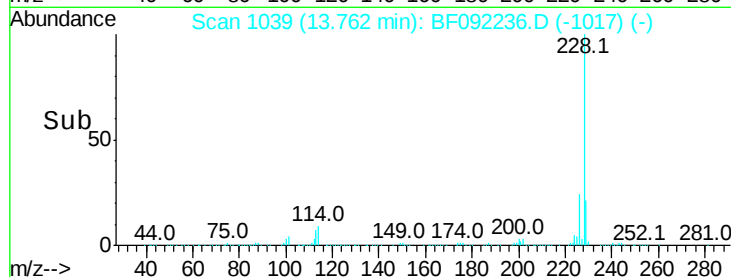
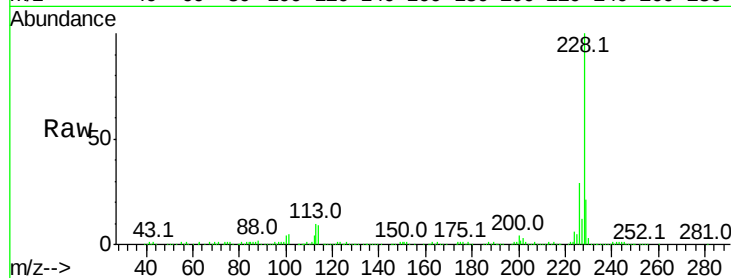
#82
Chrysene
Concen: 8.44 ng
RT: 13.76 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.0
229	21.2	16.2	24.2

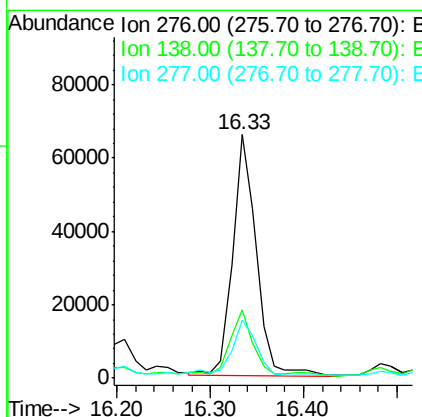
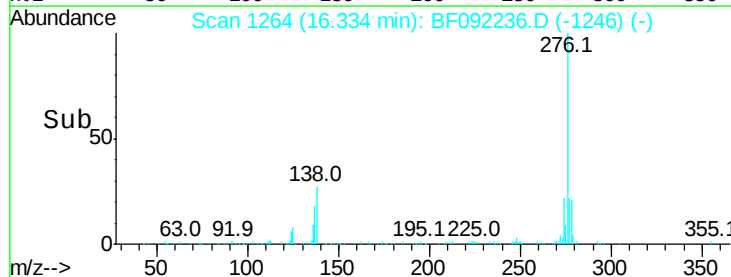
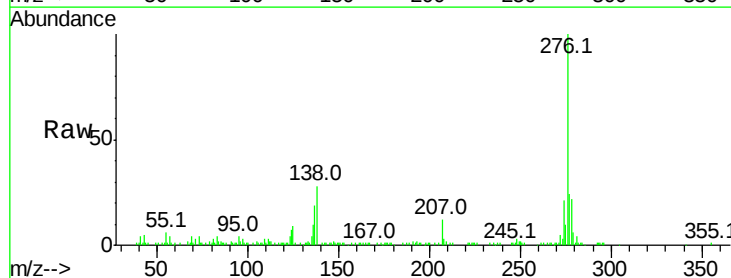
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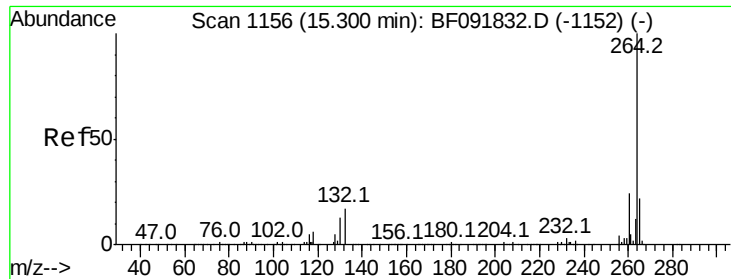
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.45 ng
RT: 16.33 min Scan# 1264
Delta R.T. -0.09 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	26.3	20.2	30.4





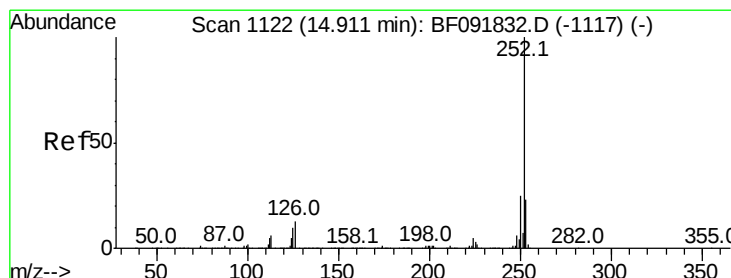
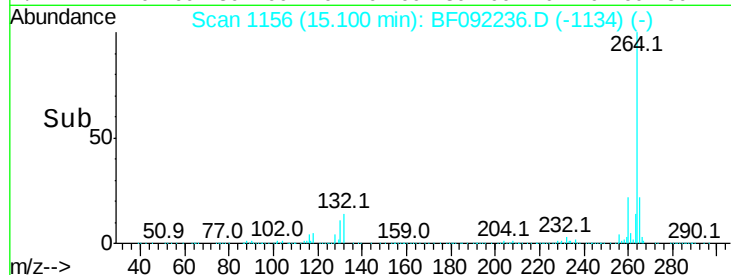
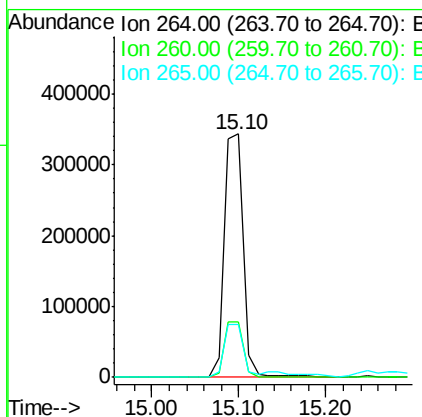
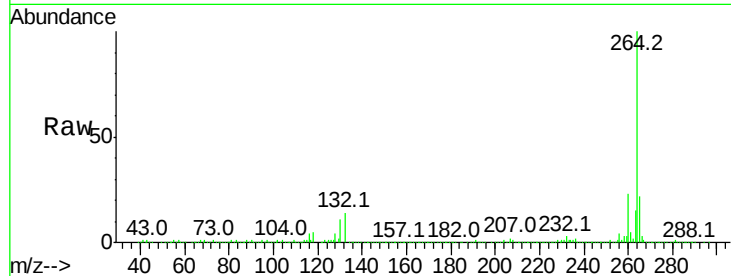
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1156
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.9	17.4	26.0

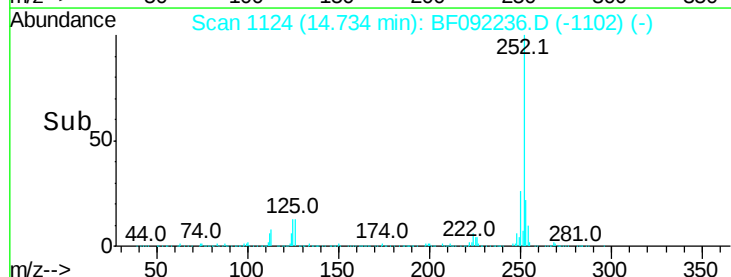
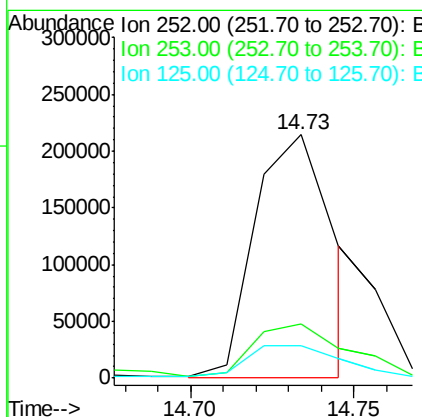
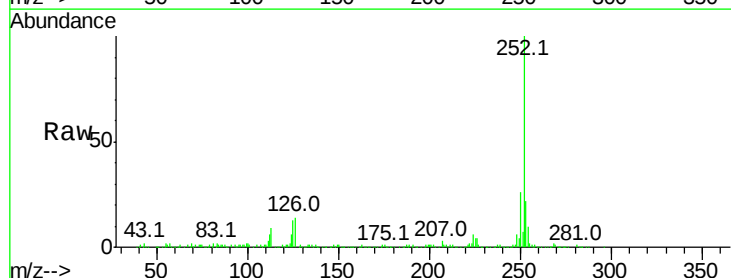
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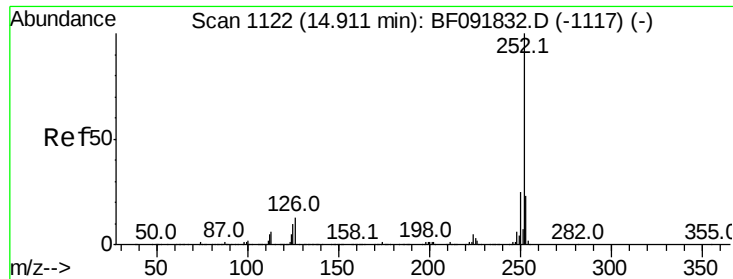
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#87
Benzo(b)fluoranthene
Concen: 11.05 ng m
RT: 14.73 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	13.3	9.8	14.6





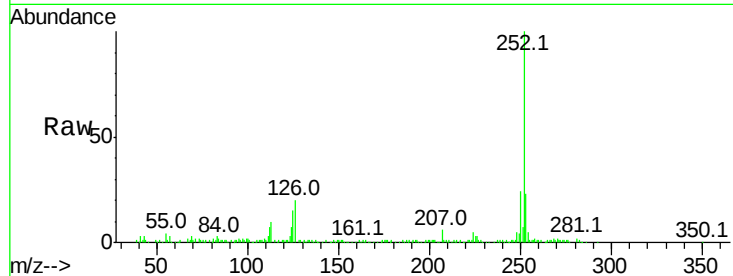
#88
Benzo(k)fluoranthene
Concen: 2.19 ng/ml
RT: 14.75 min Scan# 1125
Delta R.T. -0.06 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tot Ion	Ratio	Resp	Lower	Upper
252	100	60632		
253	23.1	18.5	27.7	
125	15.0	8.9	13.3	

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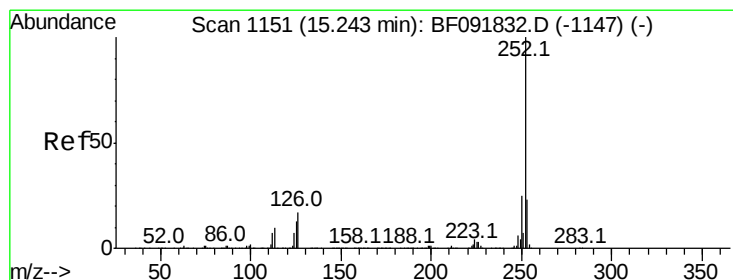
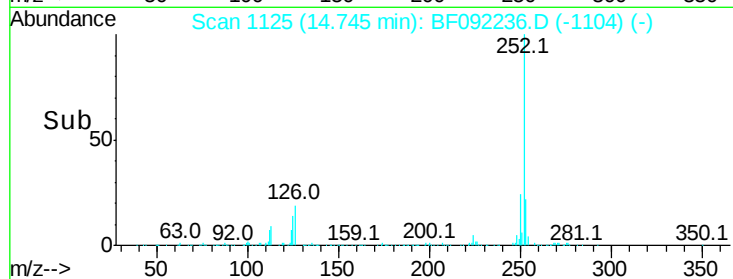
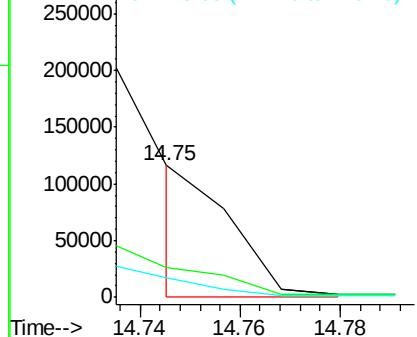


Abundance

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



#89
Benzo(a)pyrene
Concen: 7.81 ng/ml
RT: 15.04 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

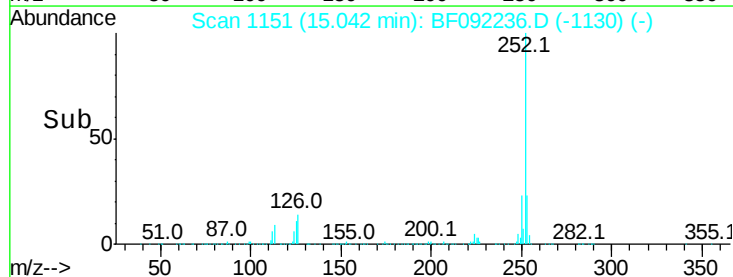
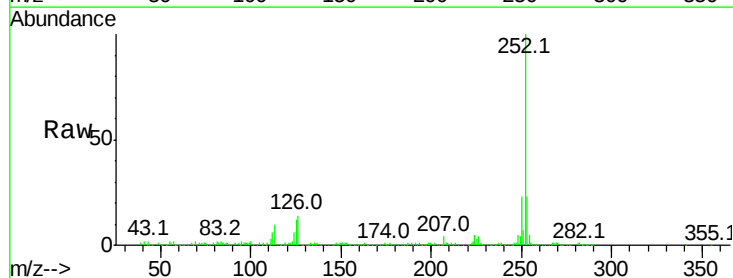
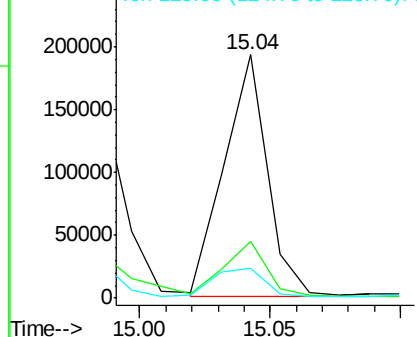
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	224829		
253	23.4	18.2	27.2	
125	12.1	10.0	15.0	

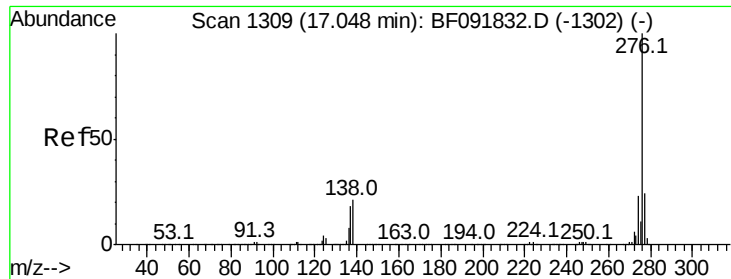
Abundance

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





#91
 Benzo(a,h,i)perylene
 Concen: 4.46 ng
 RT: 16.71 min Scan# 1297
 Delta R.T. -0.09 min
 Lab File: BF092236.D
 Acq: 13 Jan 2017 5:43

Instrument :
 BNA_F
 ClientSampleId :
 P-19-11017

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	19.2	28.8
138	24.0	16.0	24.0

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