

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098496.D
 Acq On : 13 Sep 2017 18:20
 Operator : SJ/JU
 Sample : I5209-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-91117

Manual Integrations
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 9/14/2017 5:52:37 PM

Quant Time: Sep 14 06:36:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	185161	20.00	ng	-0.02
21) Naphthalene-d8	7.94	136	770501	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	330007	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	528662	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	381991	20.00	ng	-0.01
86) Perylene-d12	15.20	264	359712	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	713584	56.98	ng	-0.02
7) Phenol-d6	6.30	99	885507	55.69	ng	-0.02
23) Nitrobenzene-d5	7.22	82	514281	37.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	137945	62.63	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	888860	45.65	ng	-0.02
78) Terphenyl-d14	12.75	244	592745	33.49	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.41	163	152226	5.959	ng	Qvalue 100
70) Phenanthrene	11.19	178	112204	4.004	ng	99
74) Fluoranthene	12.38	202	232816	8.298	ng	97
77) Pyrene	12.60	202	231990	7.699	ng	99
80) Benzo(a)anthracene	13.79	228	98734	4.409	ng	93
82) Chrysene	13.83	228	107983m	4.770	ng	
83) Bis(2-ethylhexyl)phthalate	13.79	149	52412	3.195	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.54	276	41078	2.586	ng	97
87) Benzo(b)fluoranthene	14.81	252	131457m	5.812	ng	
89) Benzo(a)pyrene	15.14	252	86994	4.317	ng	# 93
91) Benzo(g,h,i)perylene	16.94	276	43778	2.969	ng	97

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

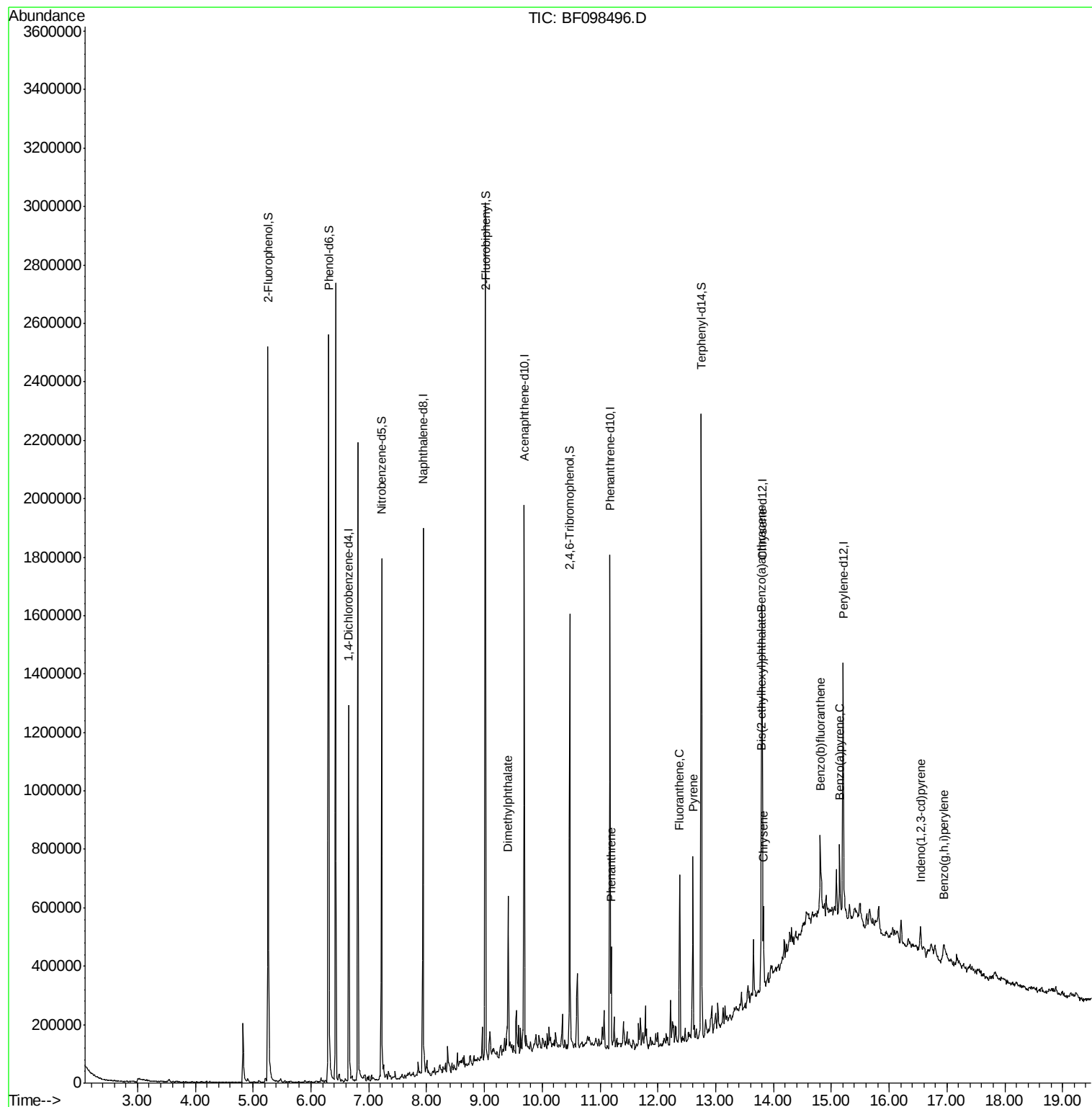
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
Data File : BF098496.D
Acq On : 13 Sep 2017 18:20
Operator : SJ/JU
Sample : I5209-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

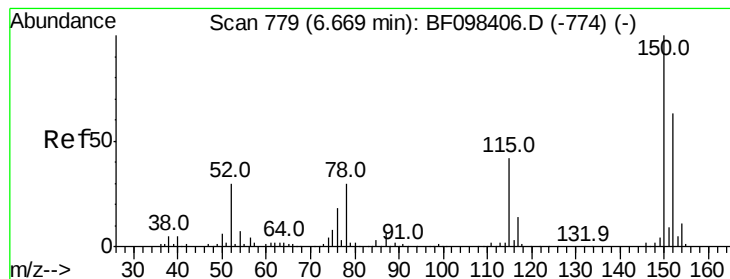
Instrument :
BNA_F
ClientSampleId :
OR-03-91117

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Quant Time: Sep 14 06:36:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration





#1

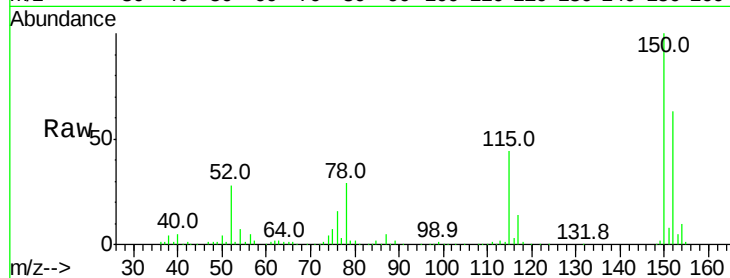
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF098496.D
Acq: 13 Sep 2017 18:20

Instrument :
BNA_F
ClientSampleId :
OR-03-91117

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	69.2	52.2	78.2

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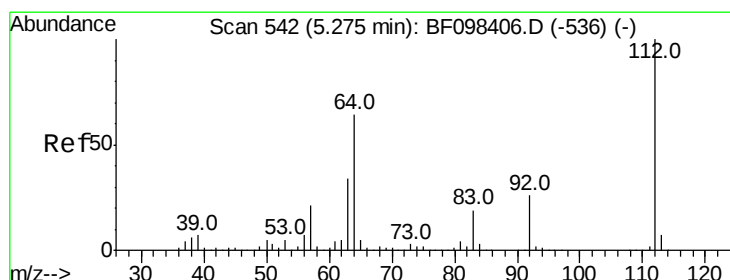
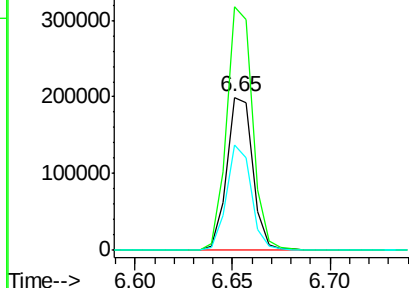
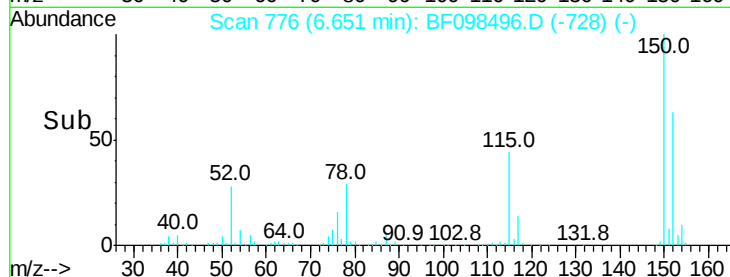


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

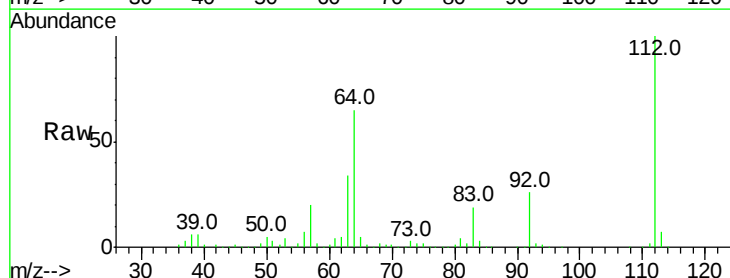
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.980 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF098496.D
Acq: 13 Sep 2017 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	46.0	69.0
63	33.6	23.4	35.0

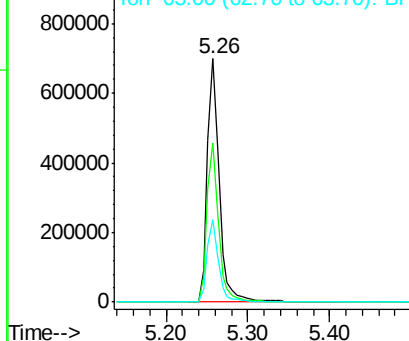
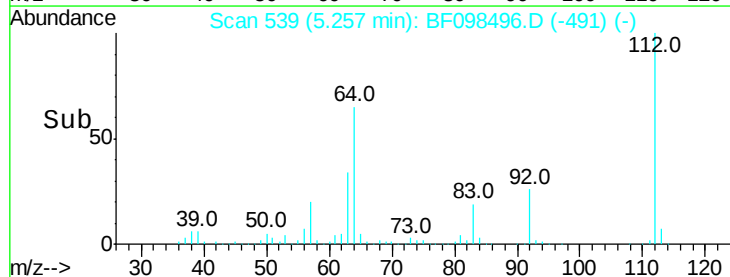


Abundance

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: 55.691 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Instrument :

BNA_F

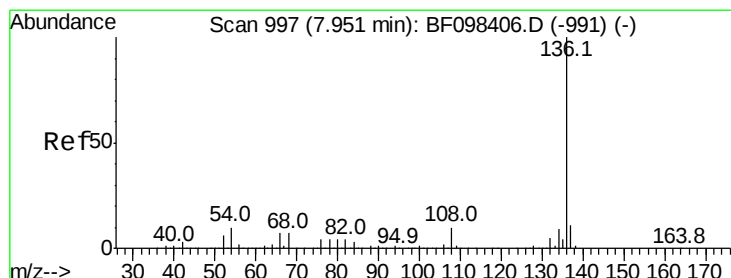
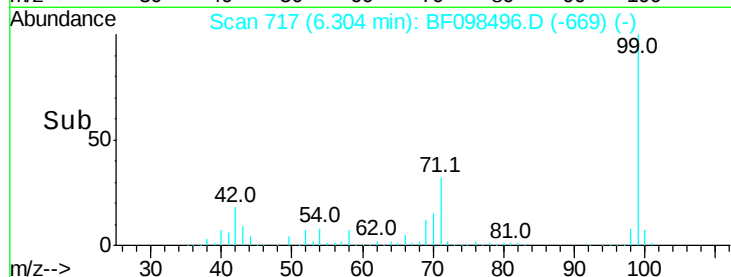
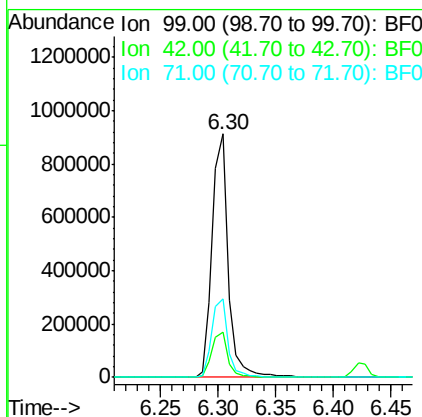
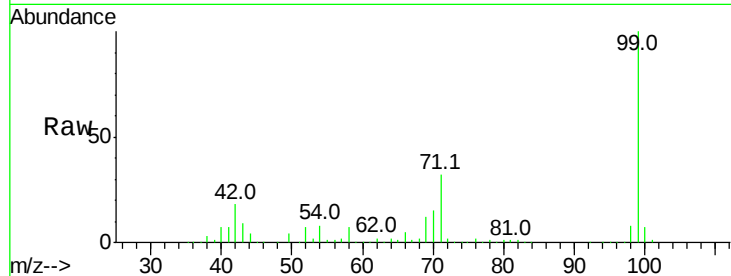
ClientSampleId :

OR-03-91117

Tot Ion:	99	Resp:	885507
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.5	20.3
71	32.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

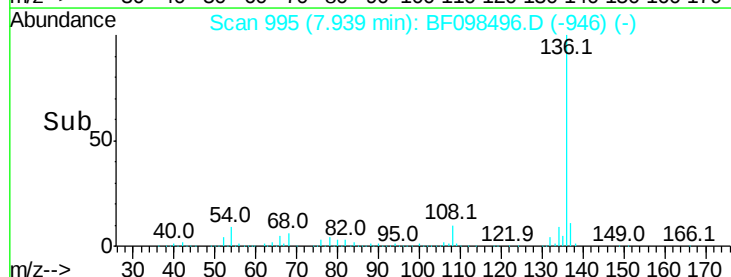
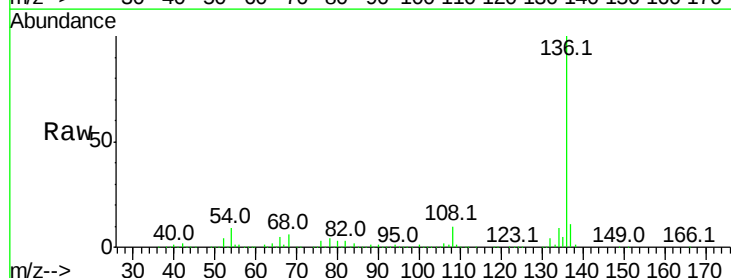
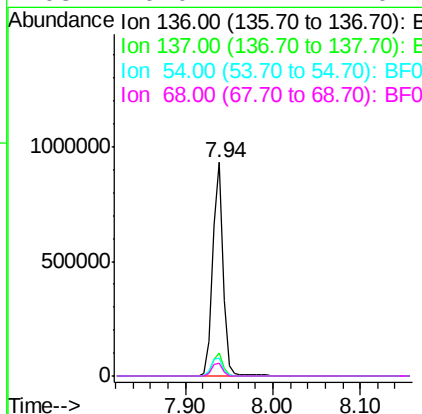
RT: 7.94 min Scan# 995

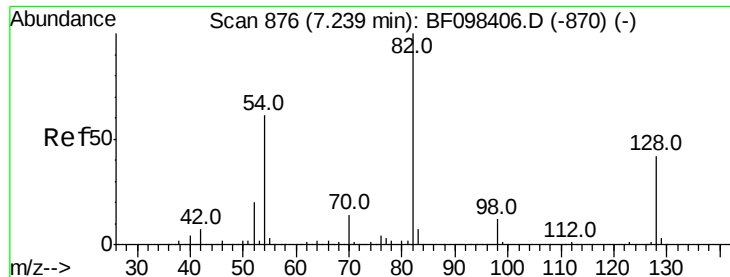
Delta R.T. -0.01 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Tgt Ion:	136	Resp:	770501
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	8.6	4.9	7.3#
68	6.0	4.1	6.1





#23

Nitrobenzene-d5

Concen: 37.211 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Instrument :

BNA_F

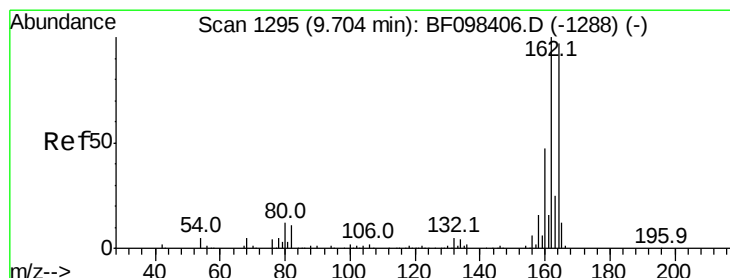
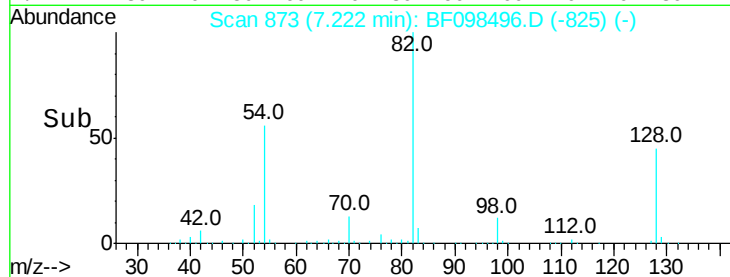
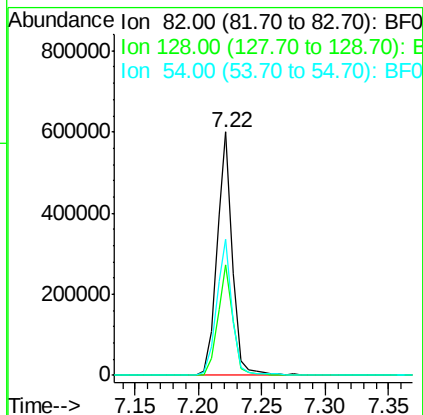
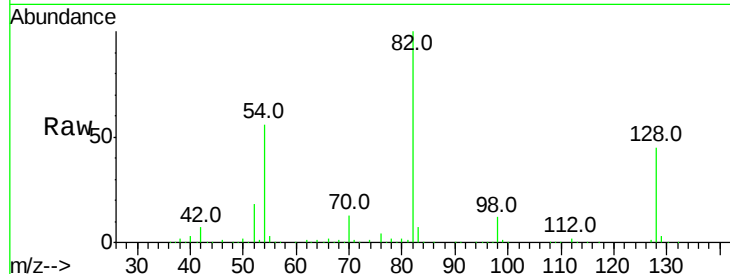
ClientSampleId :

OR-03-91117

Tot Ion:	82	Resp:	514281
Ion Ratio	Lower	Upper	
82	100		
128	45.1	34.0	51.0
54	56.0	42.2	63.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

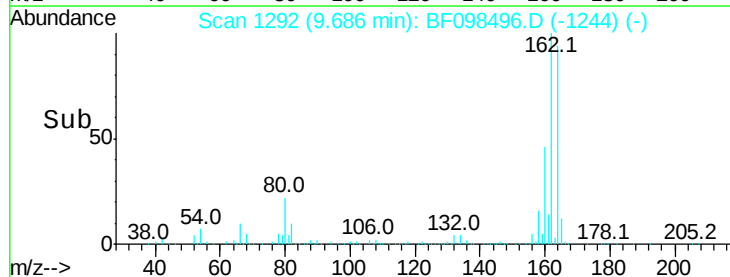
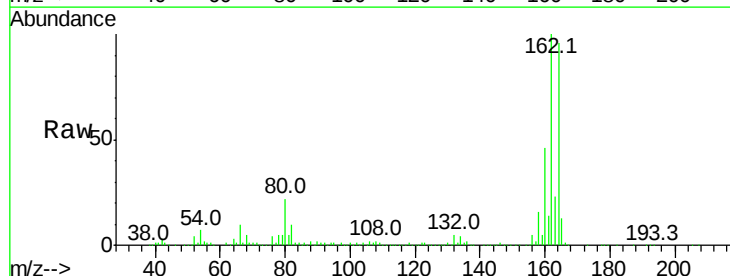
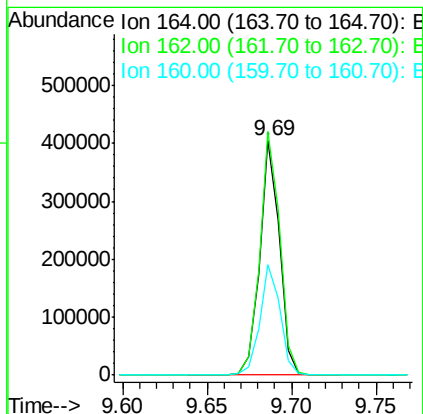
RT: 9.69 min Scan# 1292

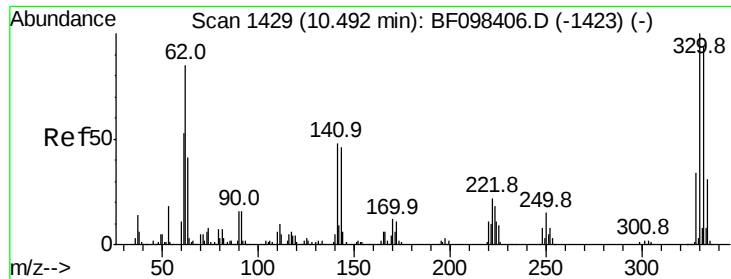
Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Tgt Ion:	164	Resp:	330007
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.6	123.8
160	47.4	36.2	54.2





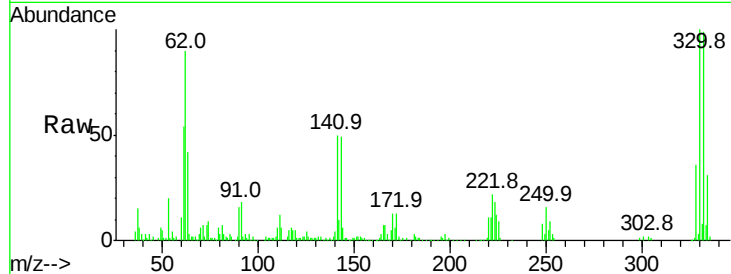
#41
 2,4,6-Tribromophenol
 Concen: 62.630 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098496.D
 Acq: 13 Sep 2017 18:20

Instrument :
 BNA_F
 ClientSampled :
 OR-03-91117

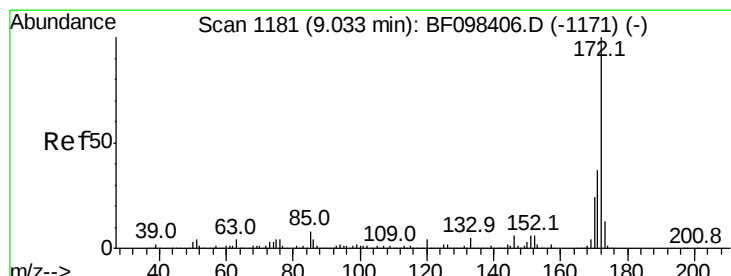
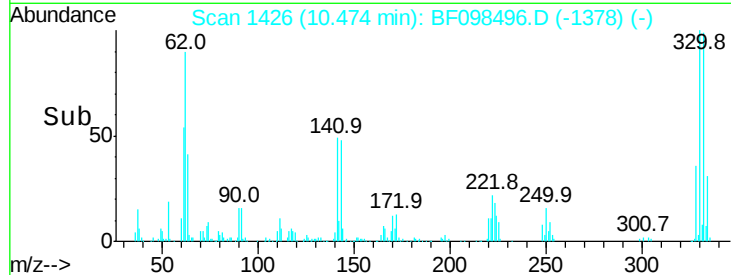
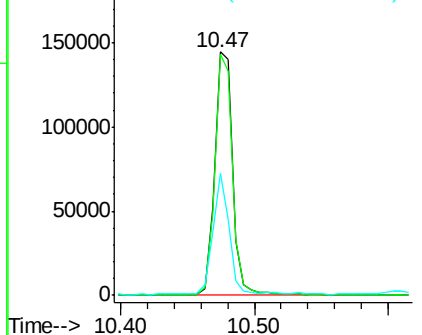
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	76.6	115.0	
141	43.8	31.4	47.2	

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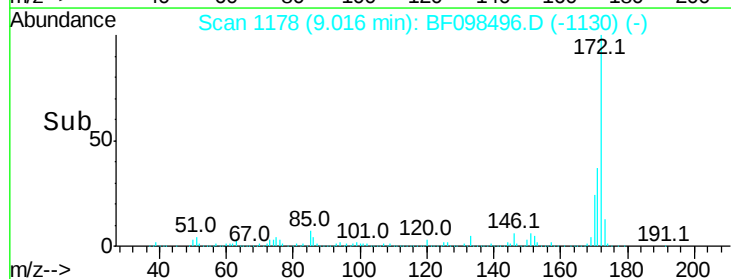
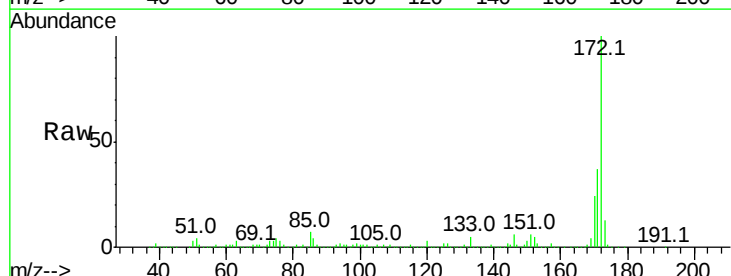
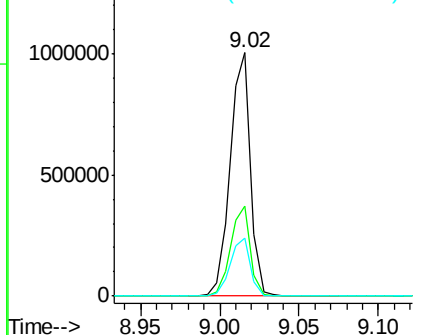
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

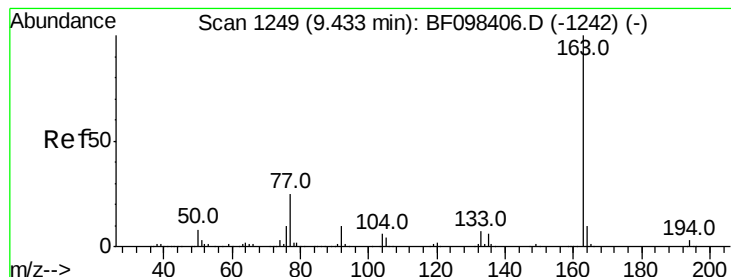


#44
 2-Fluorobiphenyl
 Concen: 45.652 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098496.D
 Acq: 13 Sep 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	29.6	44.4	
170	23.9	19.8	29.8	

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





#49

Dimethylphthalate

Concen: 5.959 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Instrument :

BNA_F

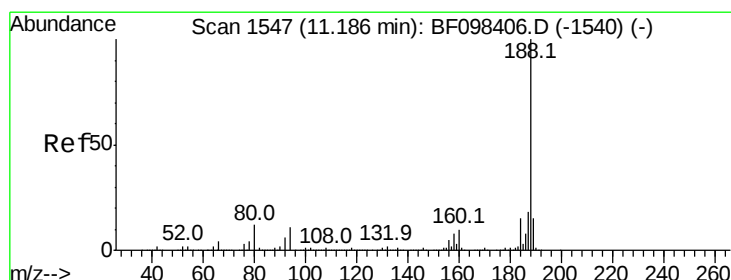
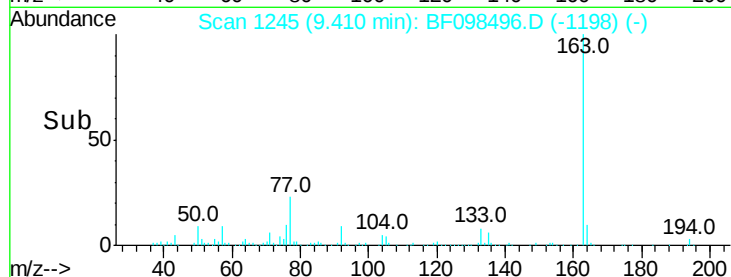
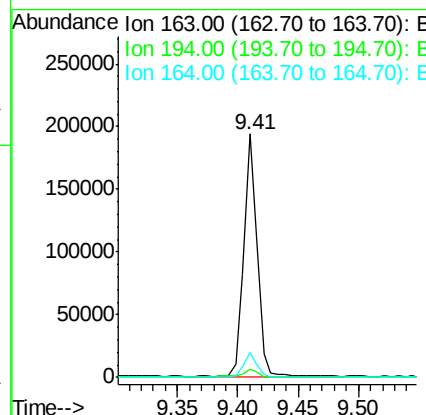
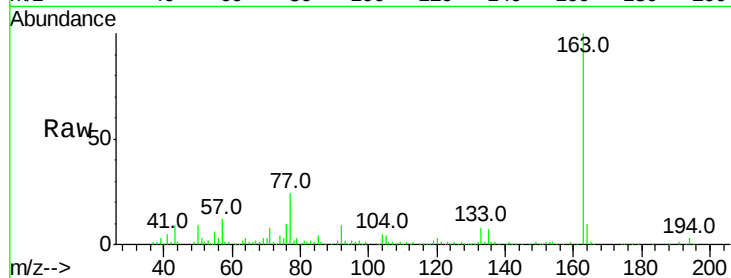
ClientSampled :

OR-03-91117

Tot Ion:	163	Resp:	152226
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6

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#63

Phenanthrene-d10

Concen: 20.000 ng

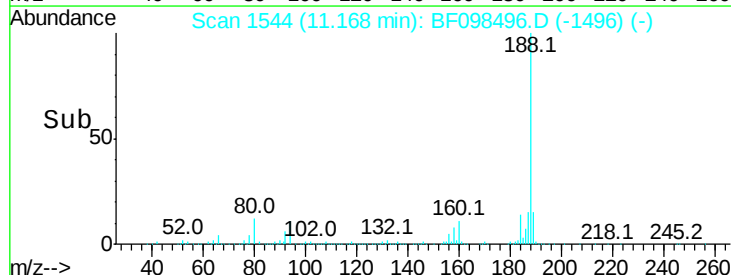
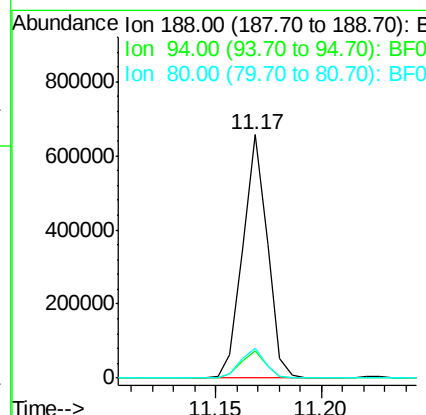
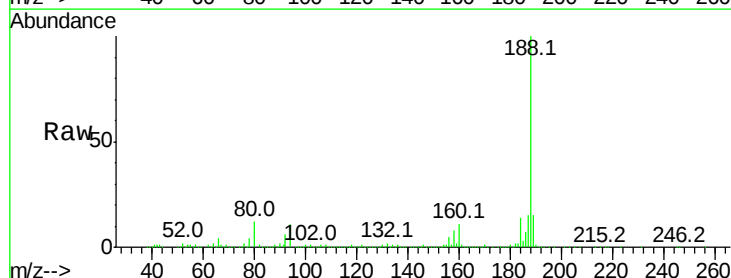
RT: 11.17 min Scan# 1544

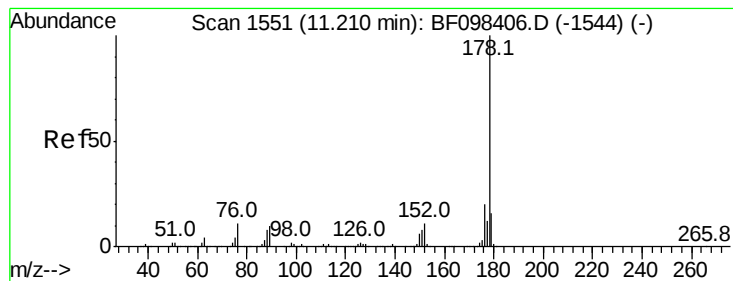
Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Tgt Ion:	188	Resp:	528662
Ion Ratio	Lower	Upper	
188	100		
94	11.5	9.4	14.2
80	12.0	10.2	15.2





#70

Phenanthrene

Concen: 4.004 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Instrument :

BNA_F

ClientSampleId :

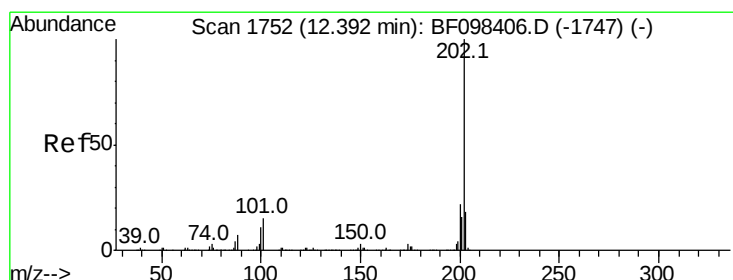
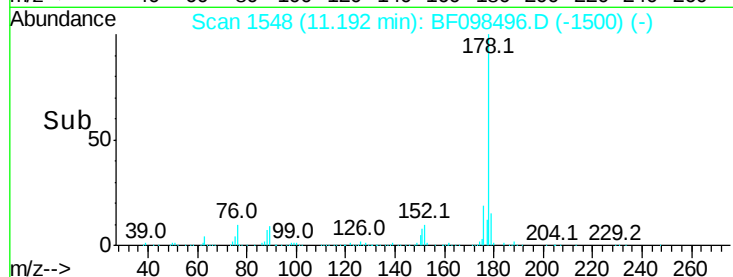
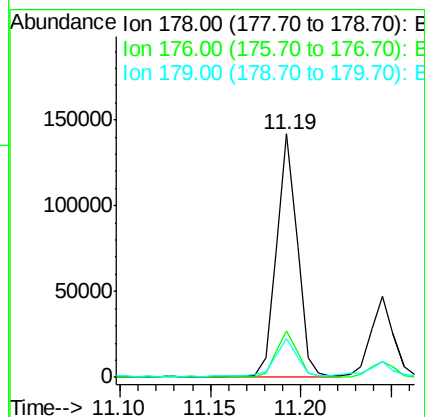
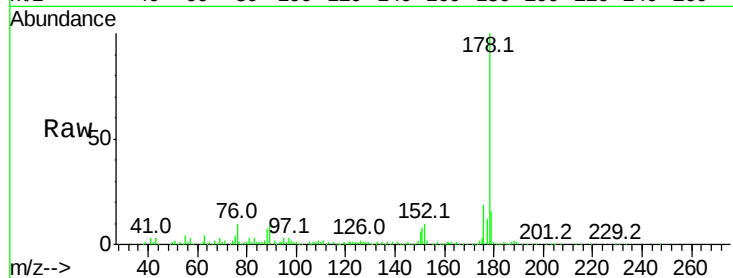
OR-03-91117

Tot Ion:	178	Resp:	112204
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.2	24.4
179	15.7	12.6	19.0

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#74

Fluoranthene

Concen: 8.298 ng

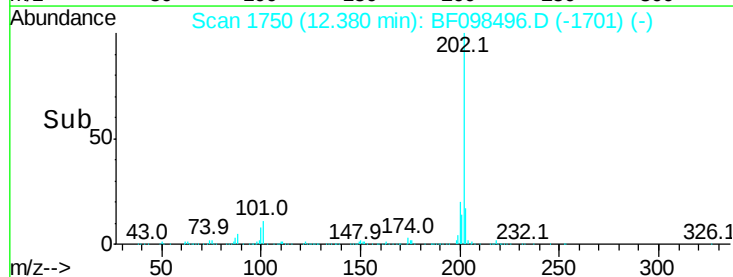
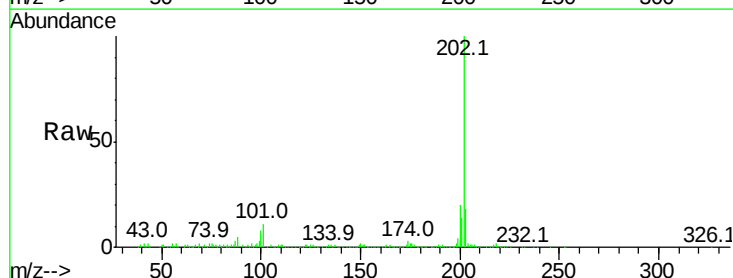
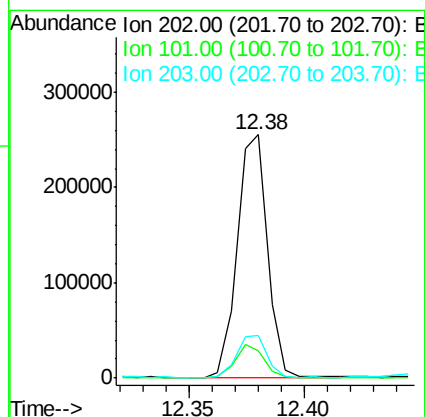
RT: 12.38 min Scan# 1750

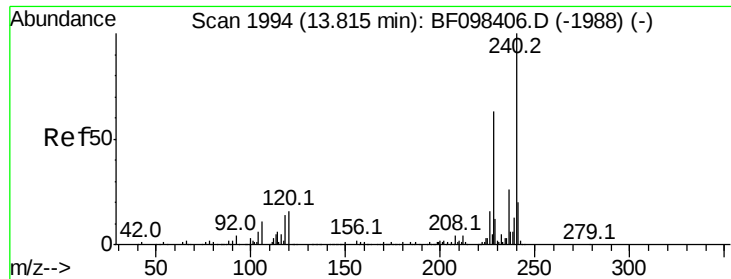
Delta R.T. -0.01 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Tgt Ion:	202	Resp:	232816
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Instrument :

BNA_F

ClientSampleId :

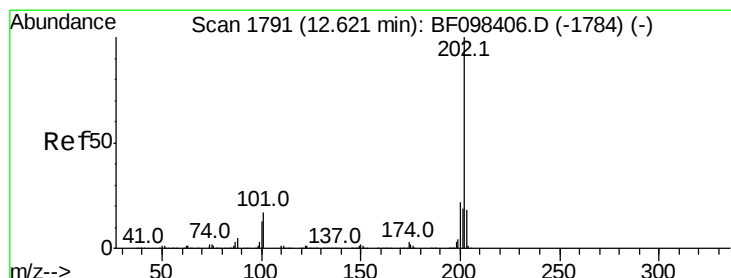
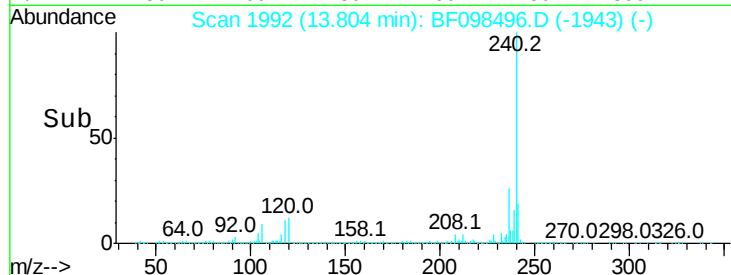
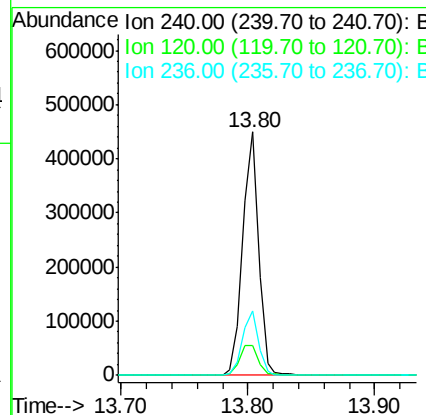
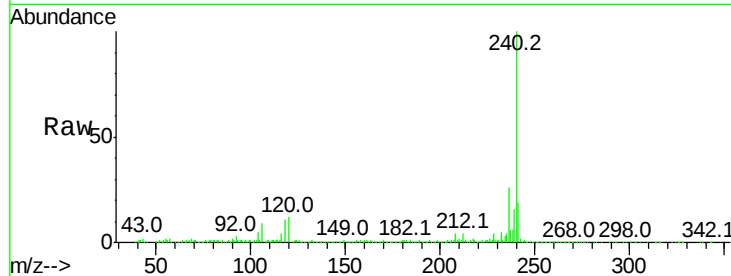
OR-03-91117

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.5	5.8	8.8#	
236	26.2	20.5	30.7	

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#77

Pyrene

Concen: 7.699 ng

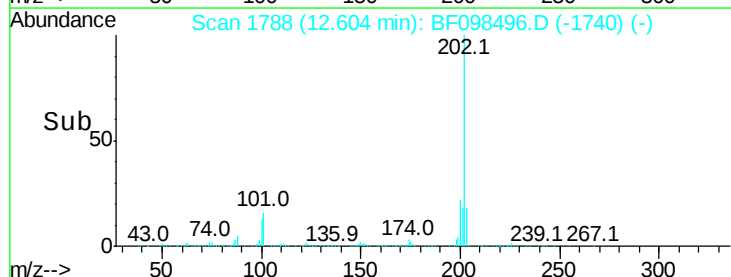
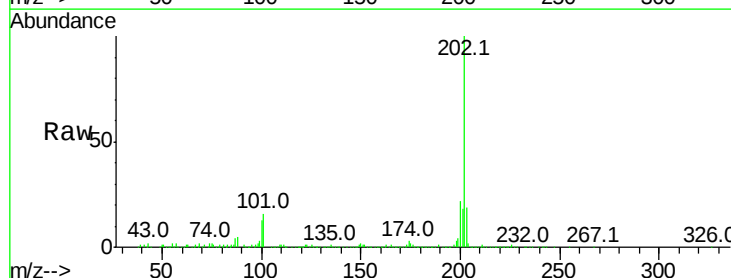
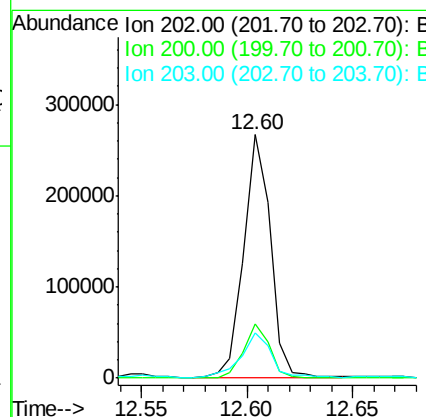
RT: 12.60 min Scan# 1788

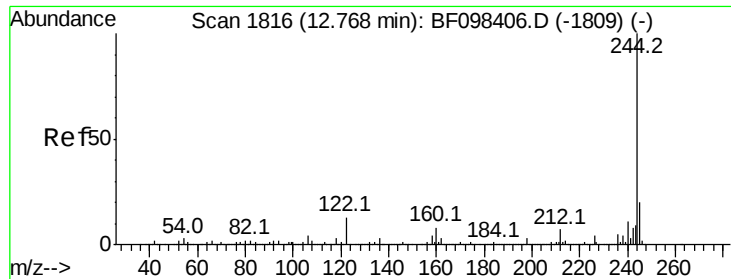
Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.1	17.6	26.4	
203	18.6	14.4	21.6	





#78

Terphenyl-d14

Concen: 33.493 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Instrument :

BNA_F

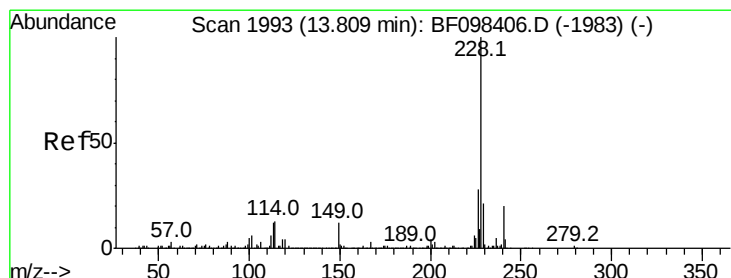
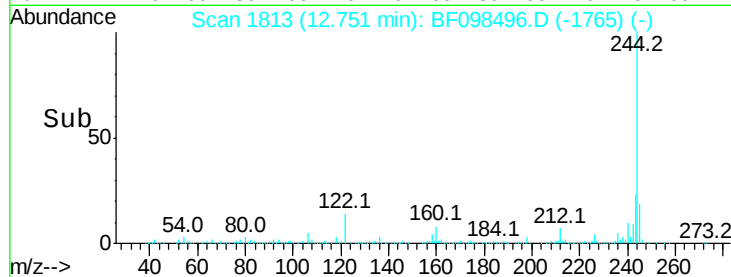
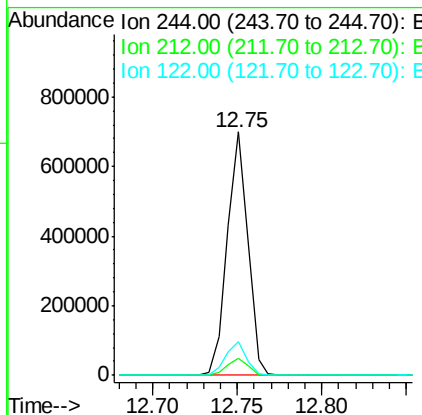
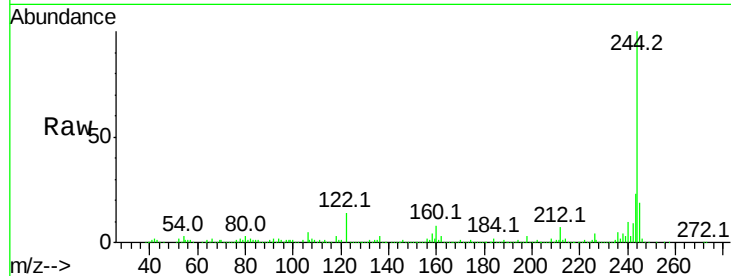
ClientSampleId :

OR-03-91117

Tot Ion:	244	Resp:	592745
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	13.6	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 4.409 ng

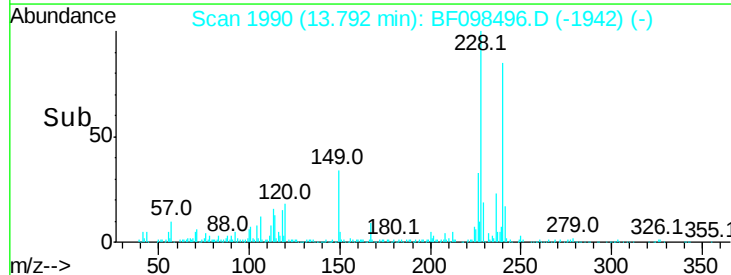
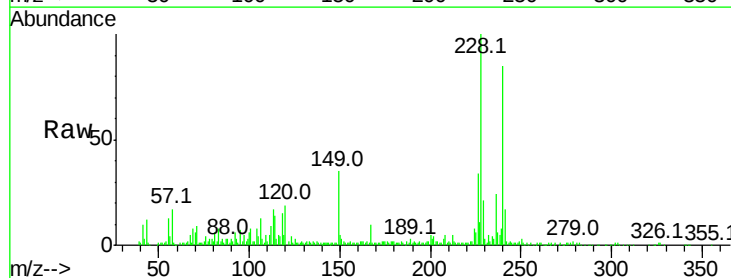
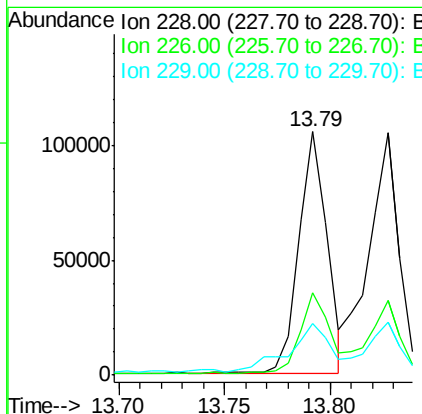
RT: 13.79 min Scan# 1990

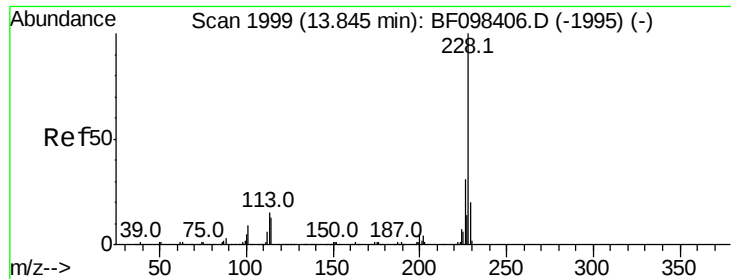
Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Tgt Ion:	228	Resp:	98734
Ion Ratio	Lower	Upper	
228	100		
226	33.8	22.6	33.8
229	21.4	16.3	24.5





#82

Chrysene

Concen: 4.770 ng/mL

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Instrument :

BNA_F

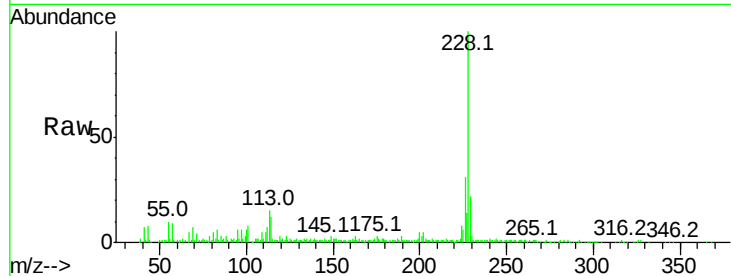
ClientSampleID :

OR-03-91117

Tot Ion:	228	Resp:	107983
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.9	37.3
229	21.7	15.8	23.6

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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

13.83

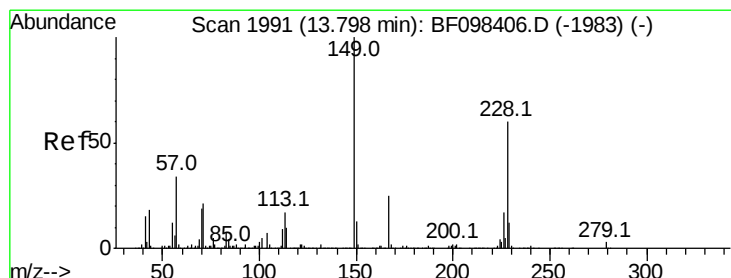
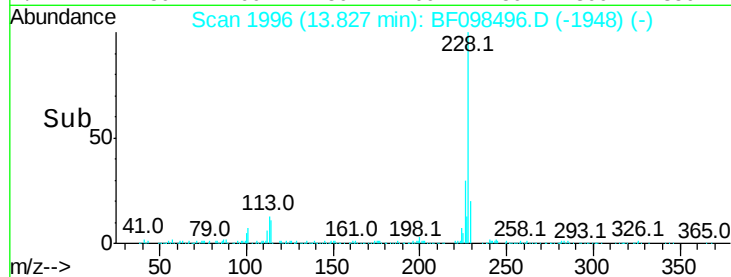
100000

50000

0

13.80 13.85 13.90

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.195 ng/mL

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Tgt Ion:	149	Resp:	52412
Ion Ratio	Lower	Upper	
149	100		
167	25.7	21.0	31.4
279	3.9	1.9	2.9#

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.79

80000

60000

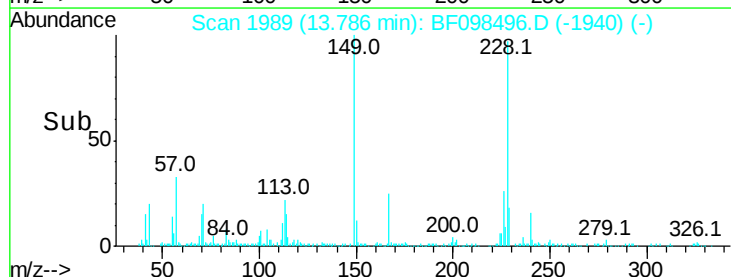
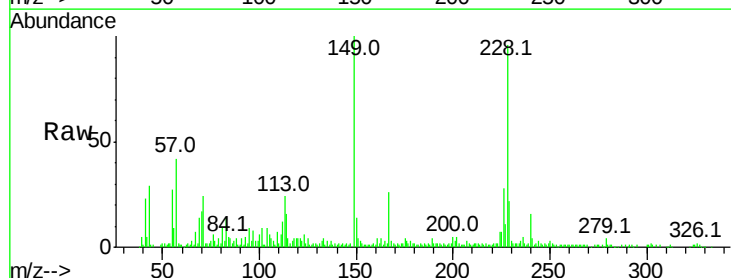
40000

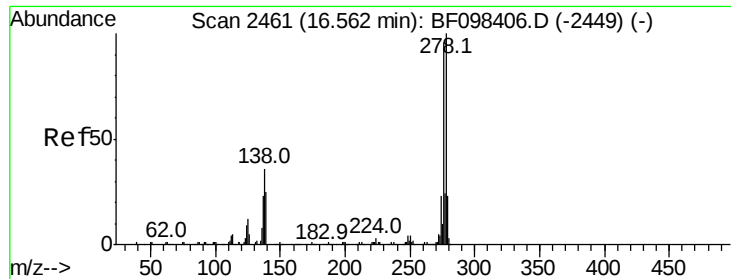
20000

0

13.75 13.80

Time-->





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.586 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Instrument :

BNA_F

ClientSampleId :

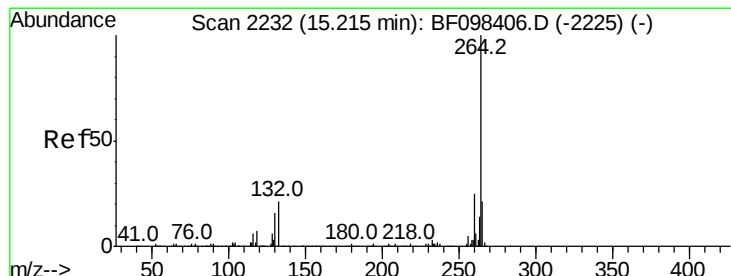
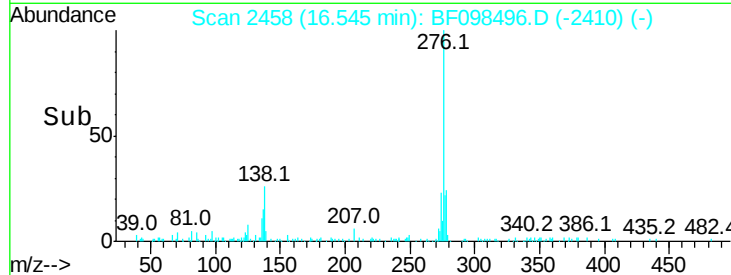
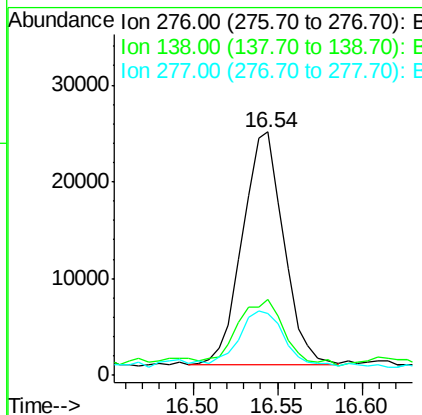
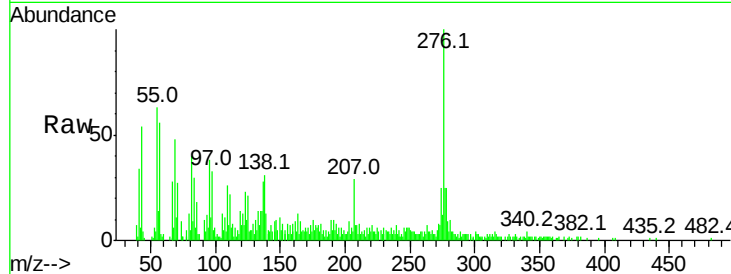
OR-03-91117

Tot Ion:	276	Resp:	41078
Ion Ratio	Lower	Upper	
276	100		
138	32.3	27.8	41.6
277	25.6	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

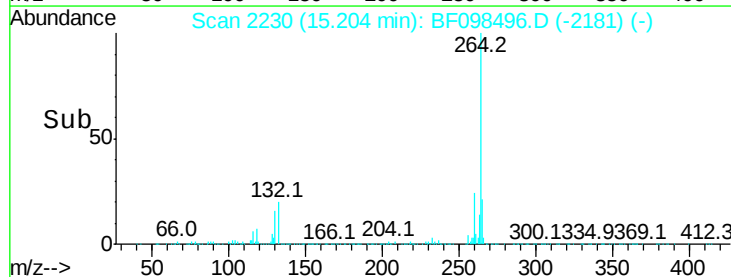
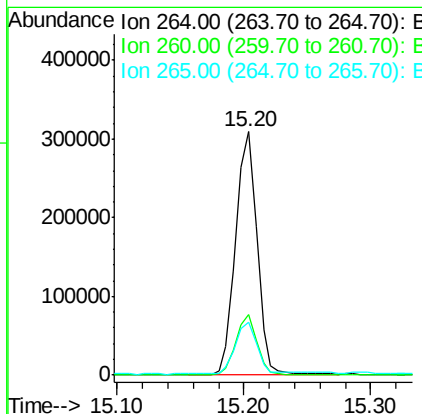
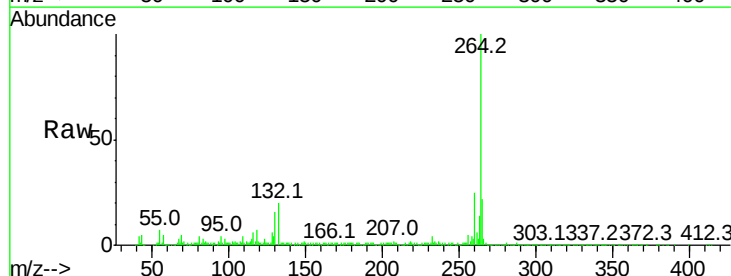
RT: 15.20 min Scan# 2230

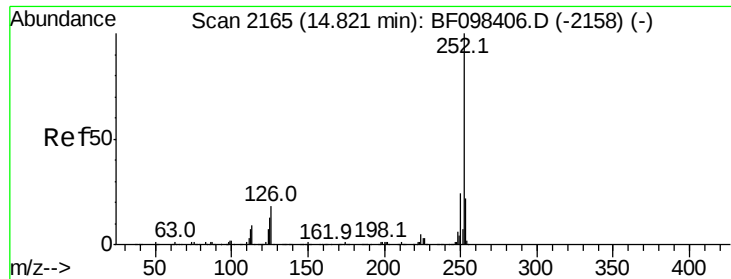
Delta R.T. -0.01 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Tgt Ion:	264	Resp:	359712
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 5.812 ng/mL

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Instrument :

BNA_F

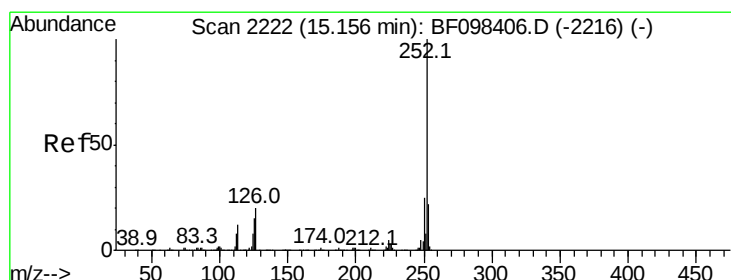
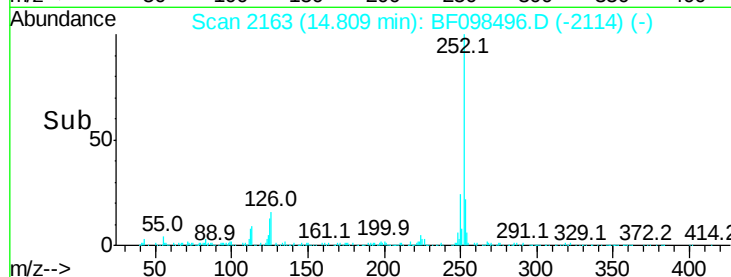
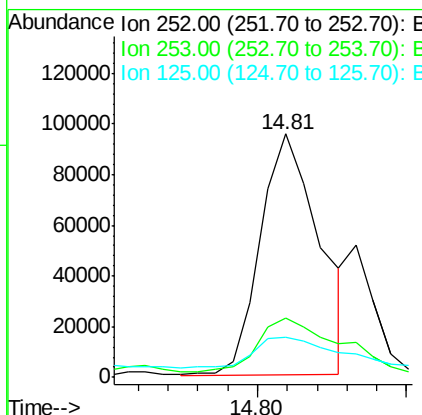
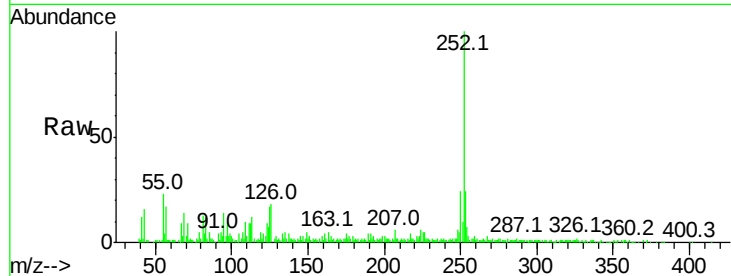
ClientSampleId :

OR-03-91117

Tot Ion:	252	Resp:	131457
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.1	27.1
125	16.7	9.8	14.8#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 4.317 ng/mL

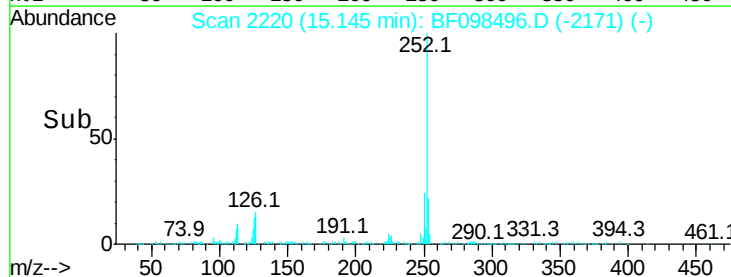
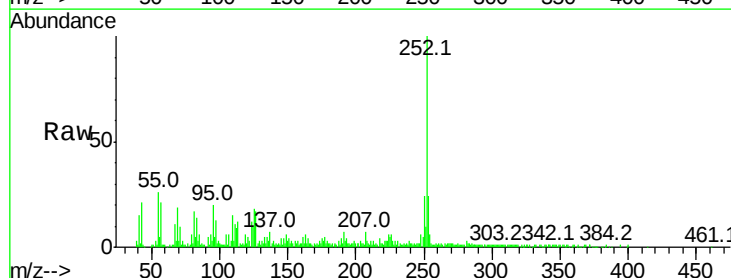
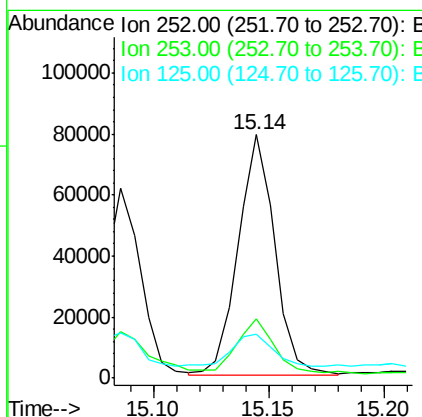
RT: 15.14 min Scan# 2220

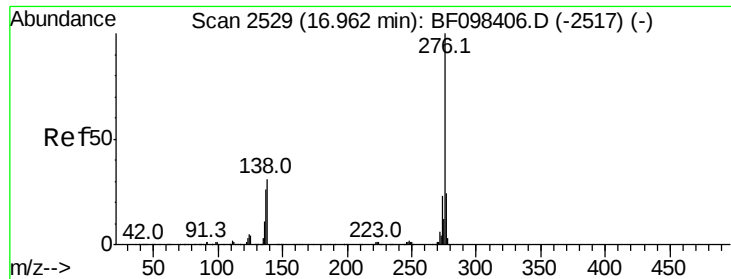
Delta R.T. -0.01 min

Lab File: BF098496.D

Acq: 13 Sep 2017 18:20

Tgt Ion:	252	Resp:	86994
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.5	26.3
125	18.0	11.0	16.4#





#91
Benzo(a,h,i)perylene
Concen: 2.969 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF098496.D
Acq: 13 Sep 2017 18:20

Instrument :
BNA_F
ClientSampleId :
OR-03-91117

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.6	28.0
138	33.2	25.4	38.0

Manual Integrations
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