

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098188.D
 Acq On : 31 Aug 2017 7:31
 Operator : SJ/JU
 Sample : I4987-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Manual Integrations
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Sohil
 8/31/2017 7:13:35 PM

Quant Time: Aug 31 09:05:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	121270	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	431991	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	154114	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	264688	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	239483	20.00	ng	-0.02
86) Perylene-d12	15.29	264	164299	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1065642	133.66	ng	0.00
7) Phenol-d6	6.37	99	1410425	130.20	ng	-0.01
23) Nitrobenzene-d5	7.29	82	825302	103.79	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	179183	134.00	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1142596	108.93	ng	-0.02
78) Terphenyl-d14	12.83	244	872207	75.95	ng	-0.02
Target Compounds						
10) Phenol	6.38	94	28759	2.270	ng	98
49) Dimethylphthalate	9.48	163	202917	18.013	ng	98
70) Phenanthrene	11.26	178	71548	5.073	ng	99
74) Fluoranthene	12.45	202	173412	11.779	ng	98
77) Pyrene	12.68	202	160916	8.215	ng	96
80) Benzo(a)anthracene	13.86	228	82589	5.754	ng	97
82) Chrysene	13.90	228	76734	5.374	ng	96
83) Bis(2-ethylhexyl)phthalate	13.86	149	133808	16.080	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.66	276	28276	2.692	ng	# 91
87) Benzo(b)fluoranthene	14.89	252	76769m	7.413	ng	
88) Benzo(k)fluoranthene	14.91	252	25636m	2.635	ng	
89) Benzo(a)pyrene	15.23	252	49198	5.366	ng	96
91) Benzo(a,h,i)perylene	17.07	276	28595	3.672	ng	# 88

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

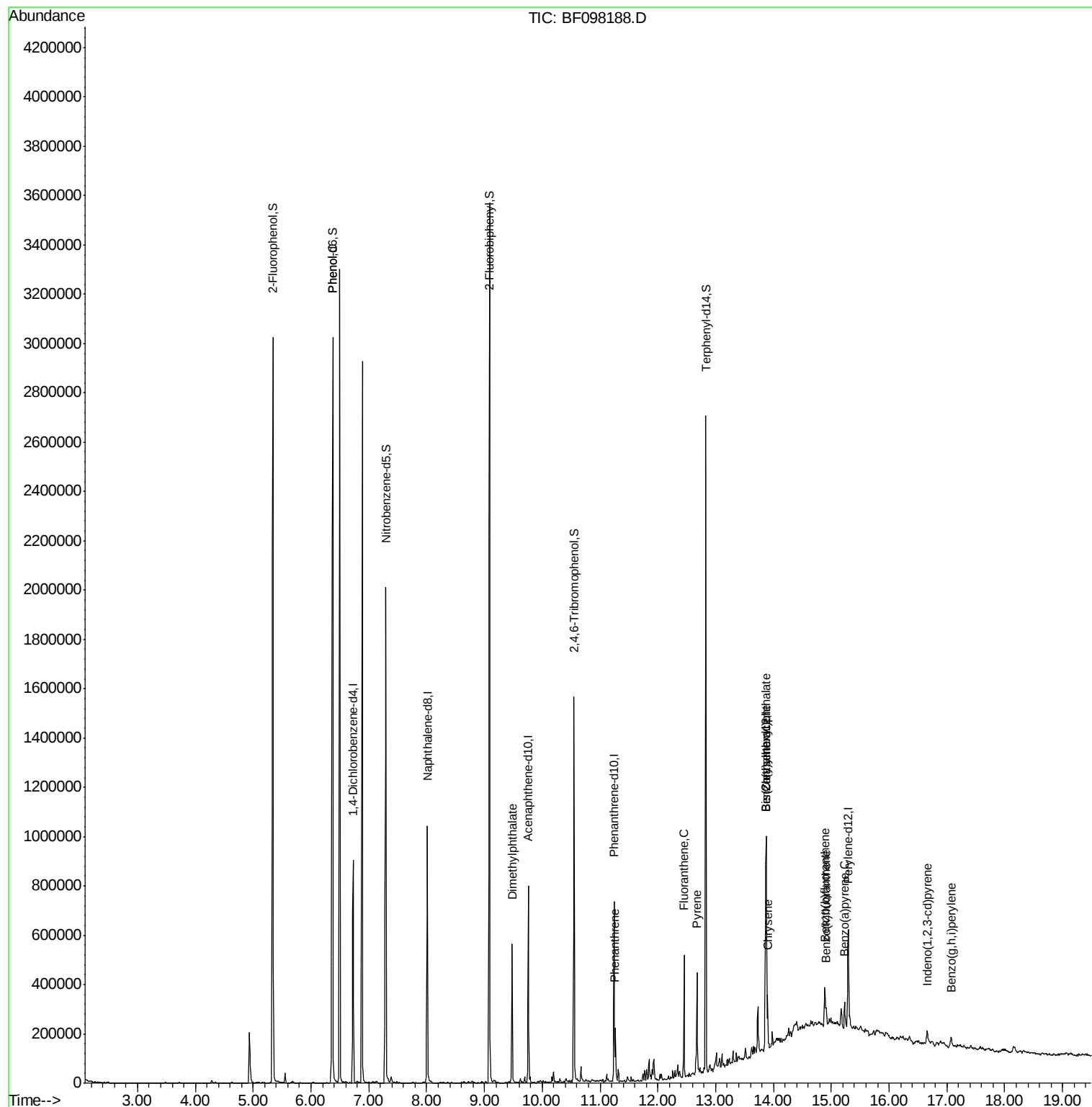
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
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Sample : I4987-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

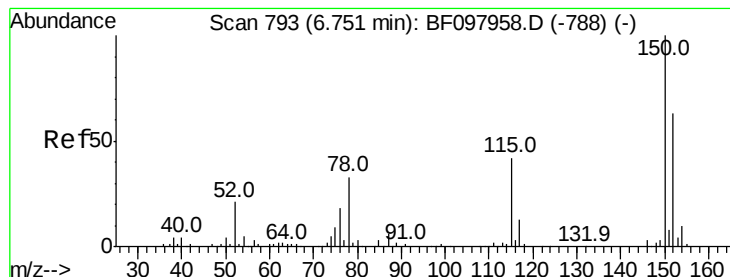
Instrument :
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#1

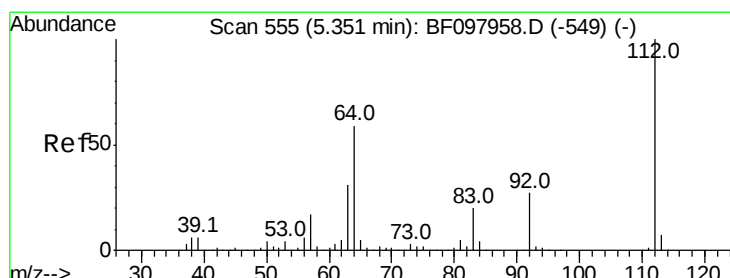
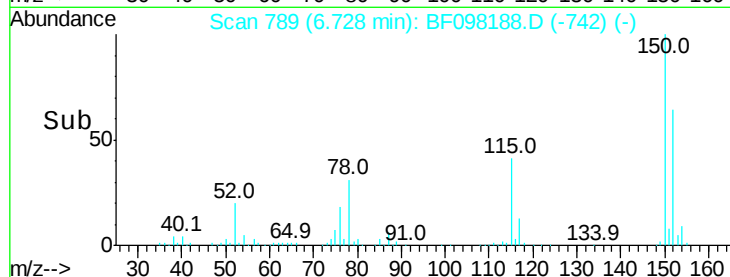
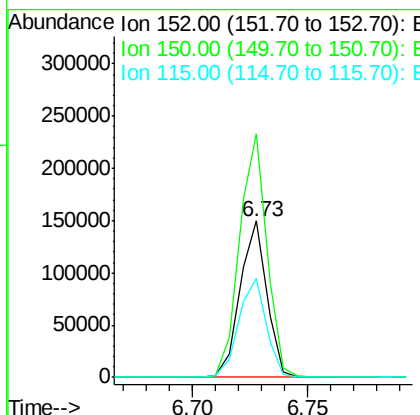
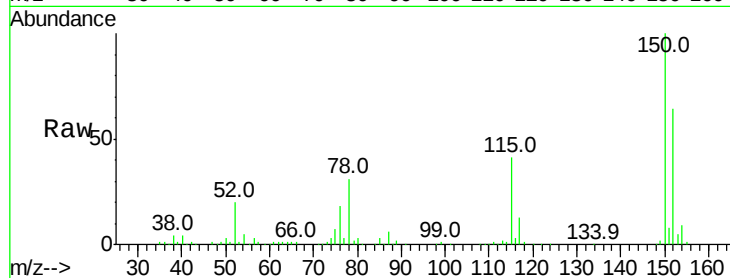
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	63.6	52.2	78.2

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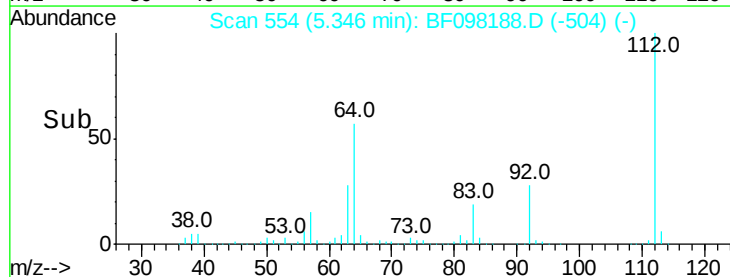
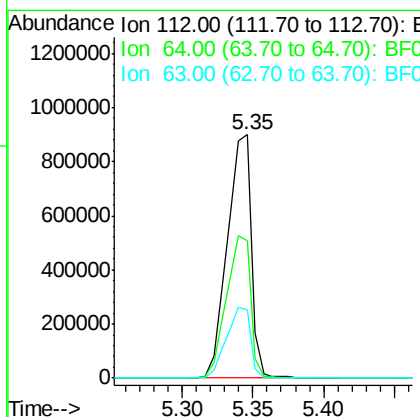
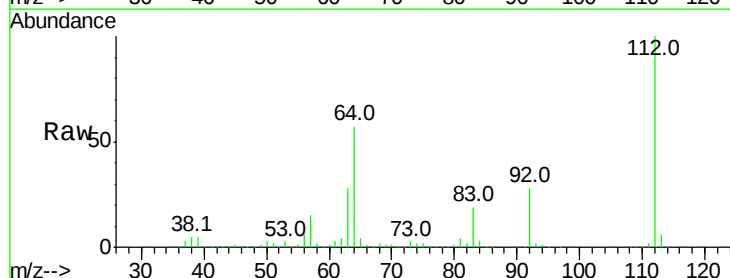
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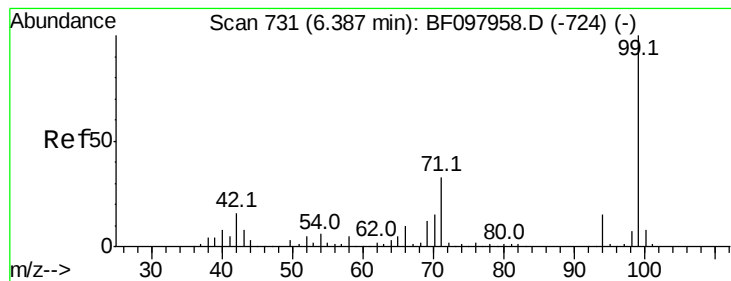


#5

2-Fluorophenol
Concen: 133.662 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	27.9	23.4	35.0





#7

Phenol-d6

Concen: 130.202 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098188.D

Acq: 31 Aug 2017 7:31

Instrument :

BNA_F

ClientSampleId :

SB-05-COMP

Tot Ion: 99 Resp: 1410425

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

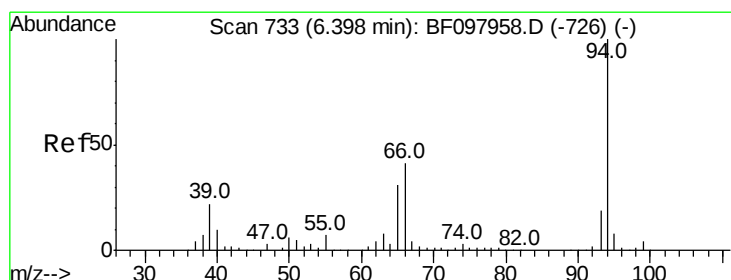
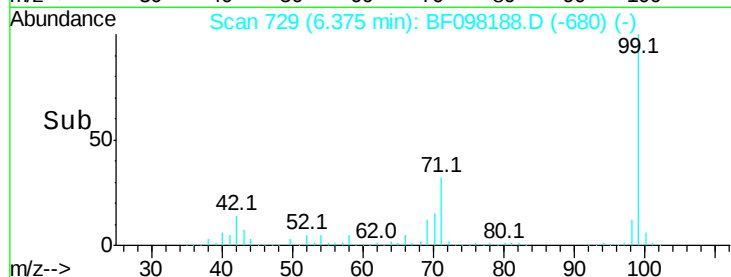
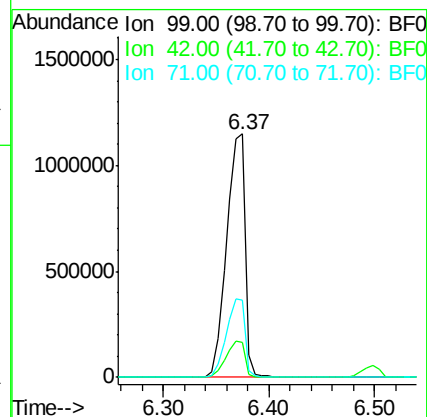
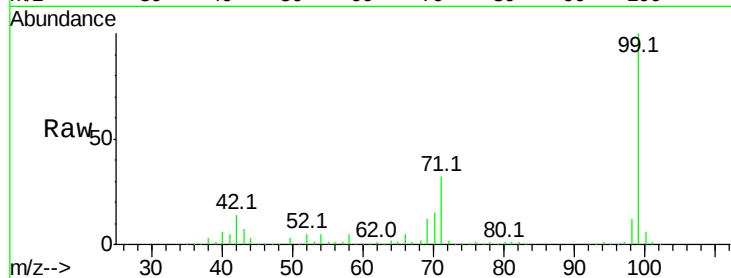
71 31.8 24.5 36.7

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#10

Phenol

Concen: 2.270 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF098188.D

Acq: 31 Aug 2017 7:31

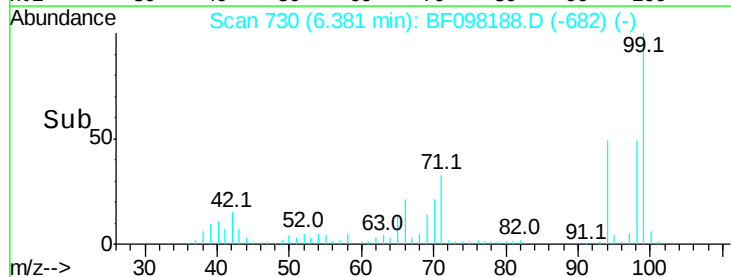
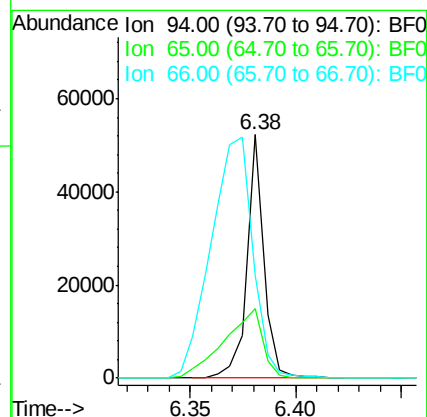
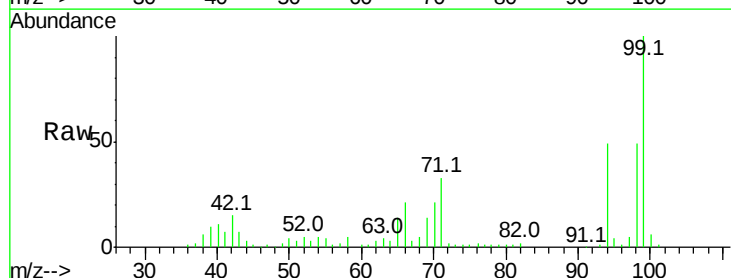
Tgt Ion: 94 Resp: 28759

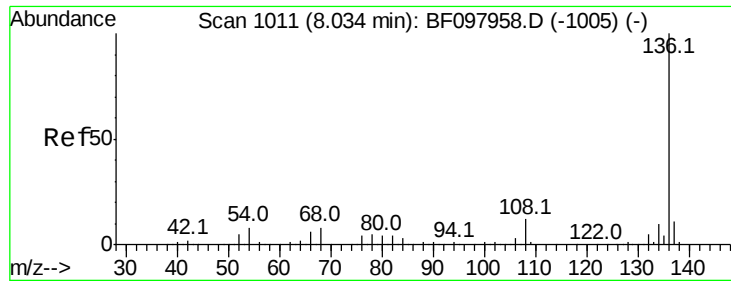
Ion Ratio Lower Upper

94 100

65 28.5 9.9 49.9

66 42.0 23.1 63.1





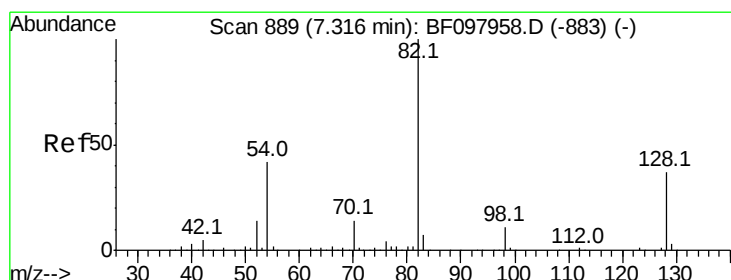
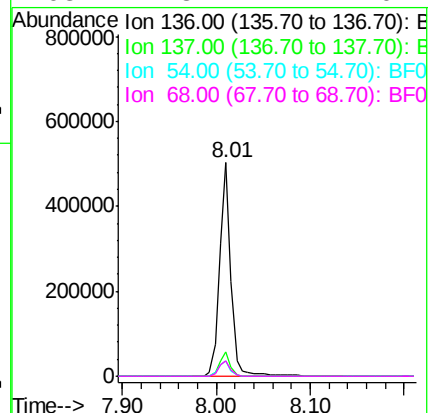
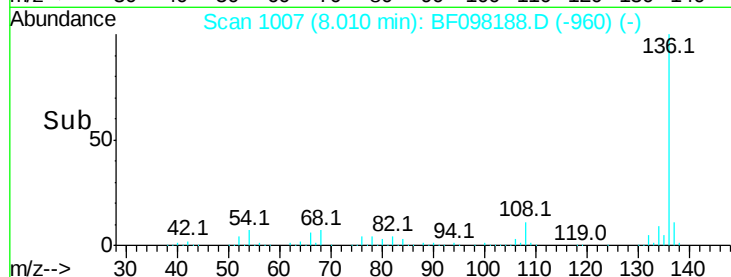
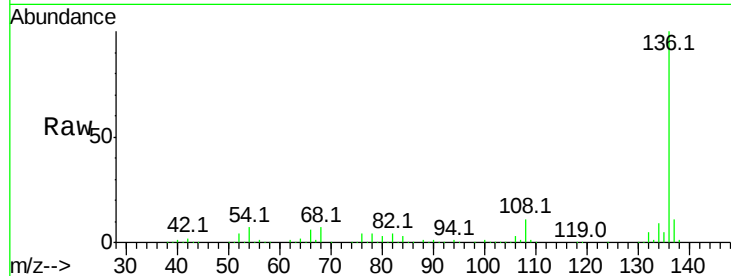
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.3	4.9	7.3#
68	7.3	4.1	6.1#

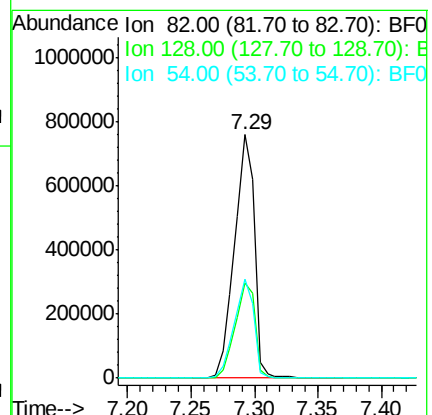
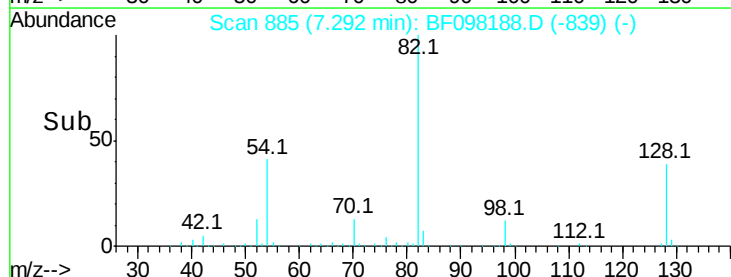
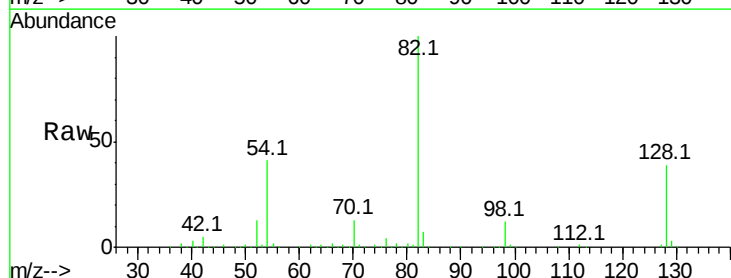
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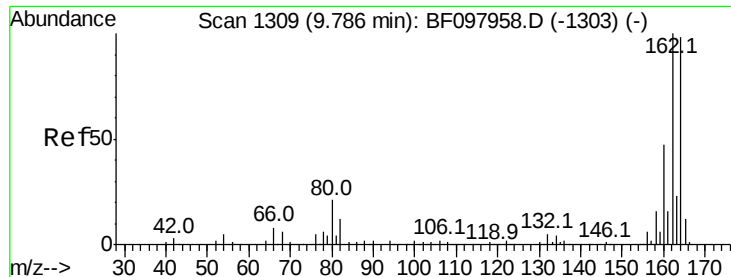
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#23
Nitrobenzene-d5
Concen: 103.785 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.1	34.0	51.0
54	40.5	42.2	63.2#





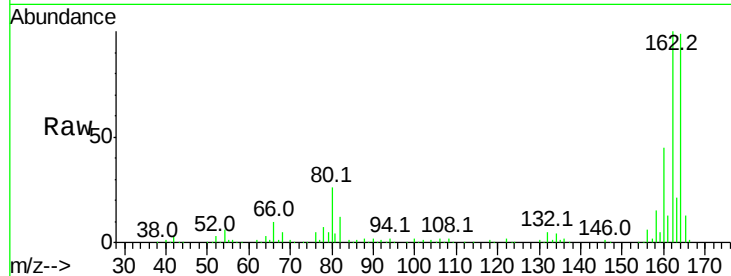
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

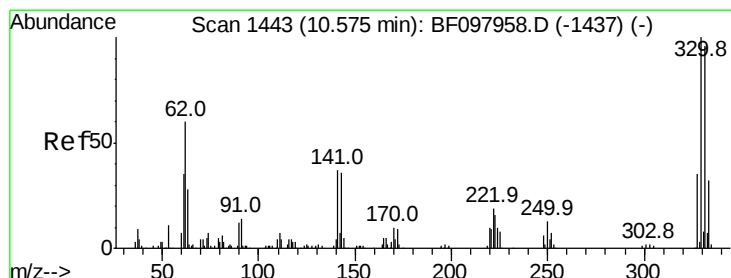
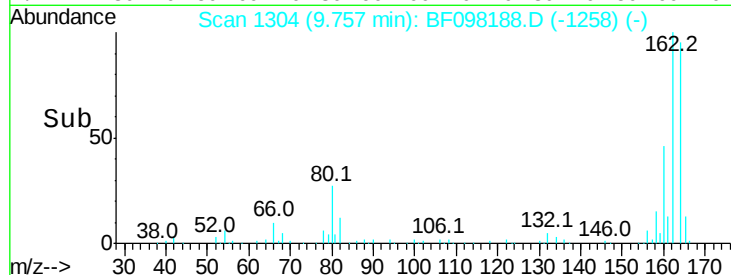
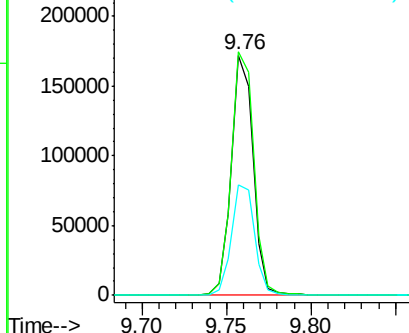
Tot Ion	Ratio	Resp	Lower	Upper
164	100	154114		
162	101.3	82.6	123.8	
160	46.0	36.2	54.2	

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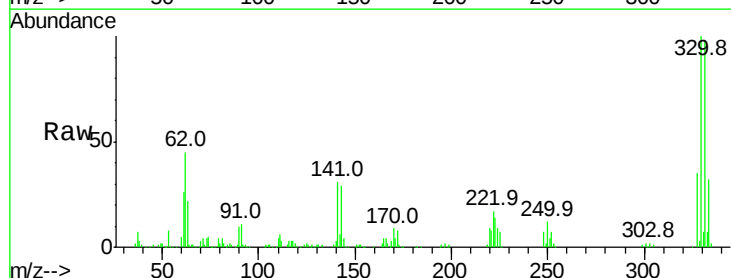


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

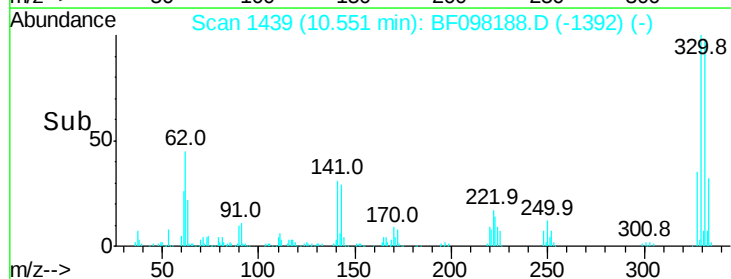
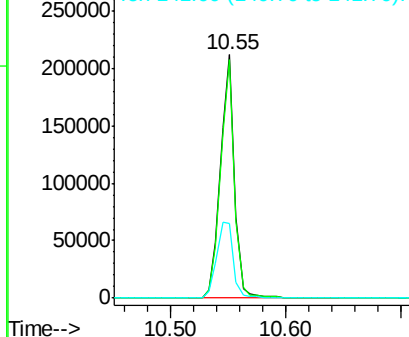


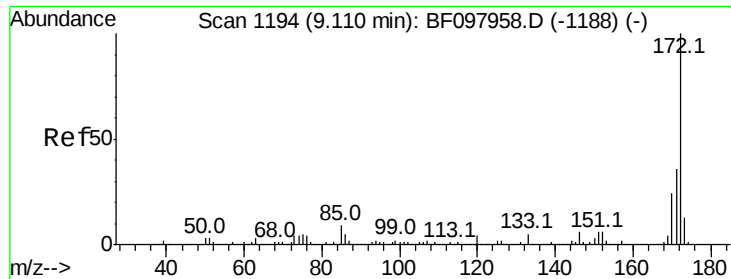
#41
2,4,6-Tribromophenol
Concen: 134.000 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	179183		
332	97.0	76.6	115.0	
141	37.5	31.4	47.2	



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





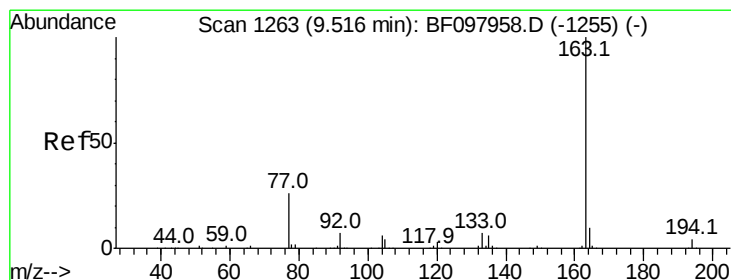
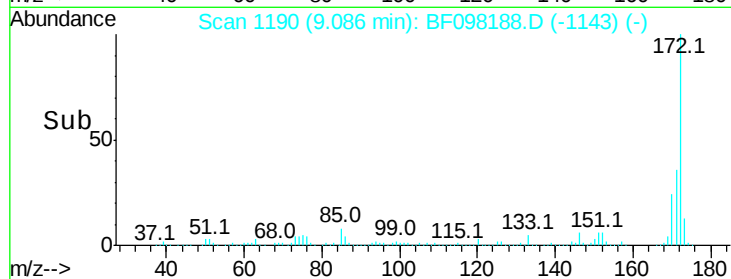
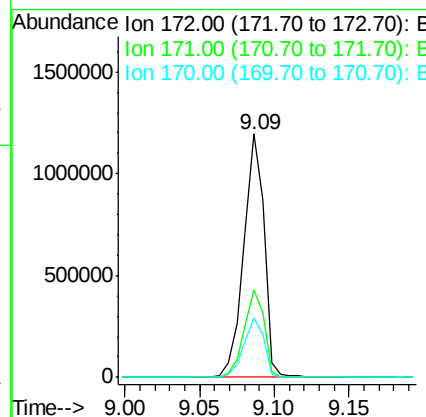
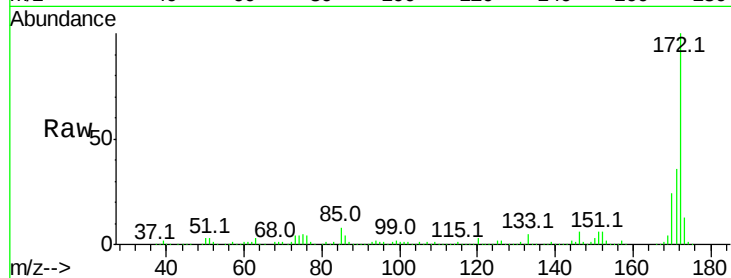
#44
2-Fluorobiphenyl
Concen: 108.926 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Instrument :
BNA_F
ClientSampleId :
SB-05-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.5	19.8	29.8

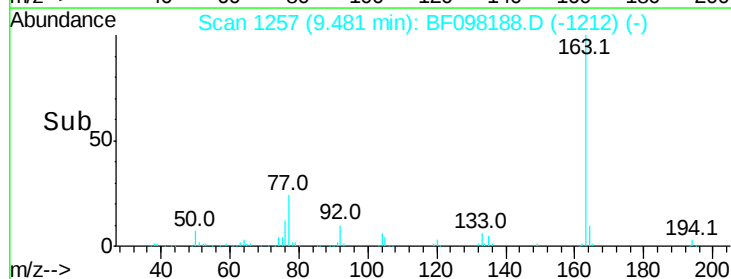
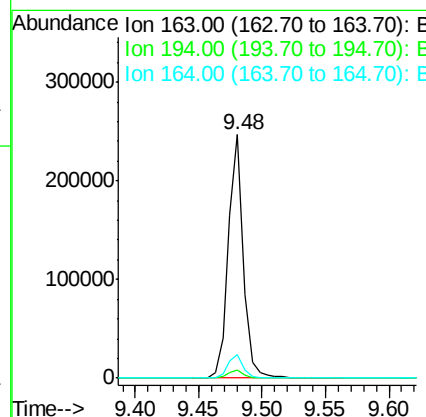
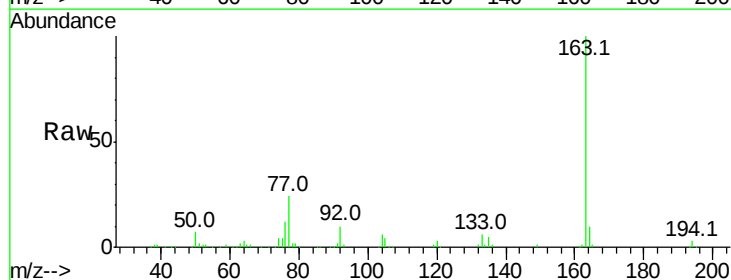
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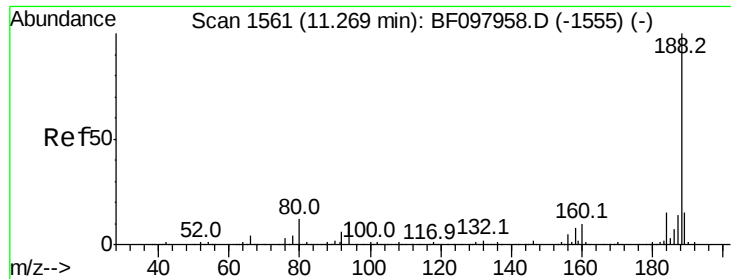
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#49
Dimethylphthalate
Concen: 18.013 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098188.D
Acq: 31 Aug 2017 7:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6





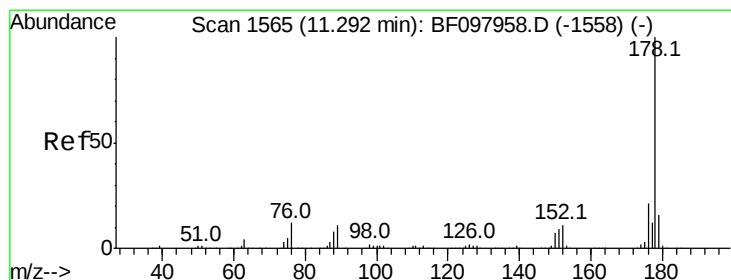
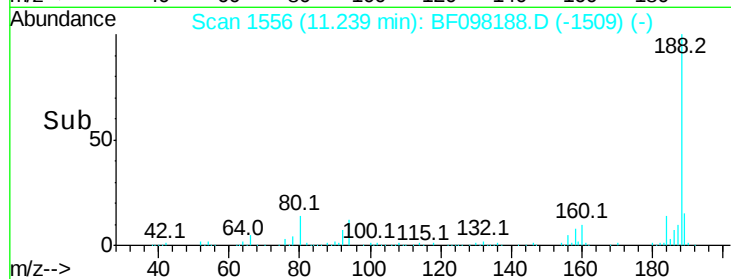
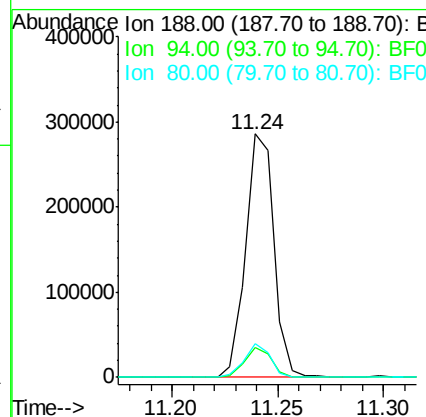
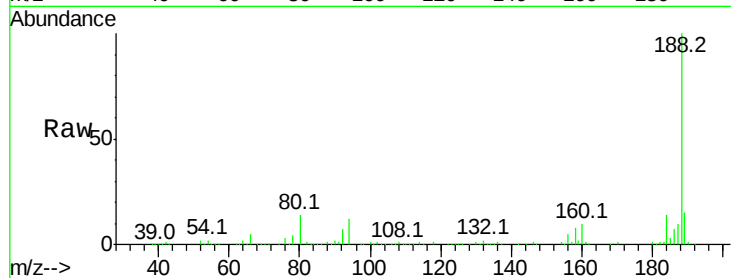
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF098188.D
 Acq: 31 Aug 2017 7:31

Instrument :
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 SB-05-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.1	9.4	14.2
80	14.0	10.2	15.2

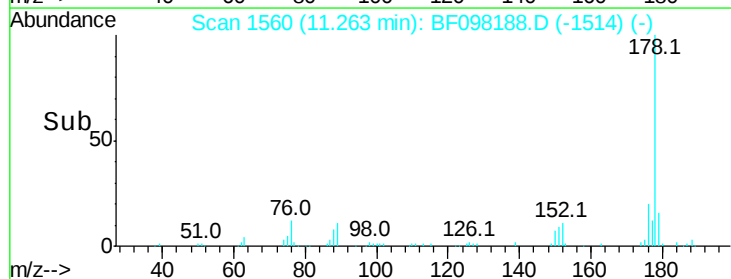
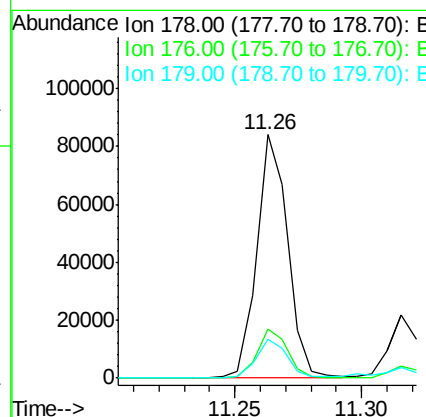
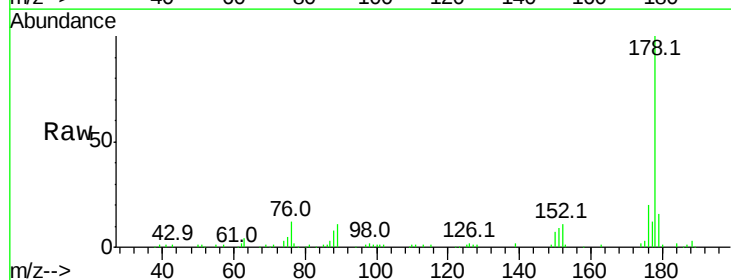
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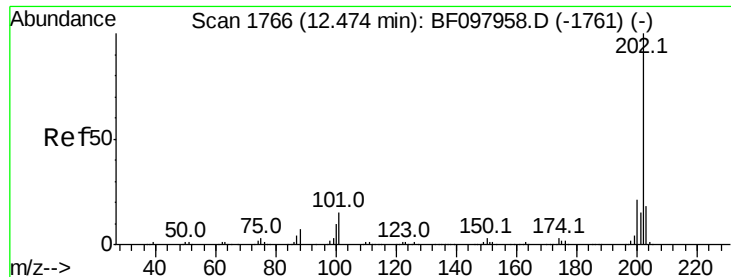
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#70
 Phenanthrene
 Concen: 5.073 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.03 min
 Lab File: BF098188.D
 Acq: 31 Aug 2017 7:31

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.0	12.6	19.0





#74

Fluoranthene

Concen: 11.779 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF098188.D

Acq: 31 Aug 2017 7:31

Instrument :

BNA_F

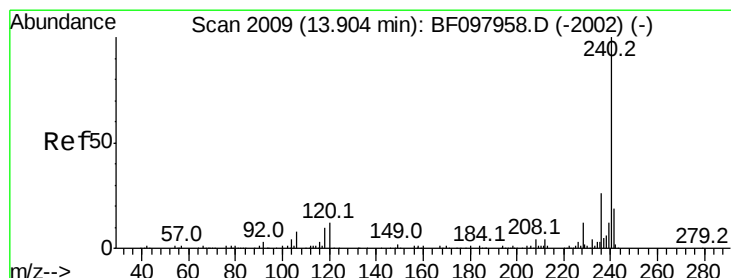
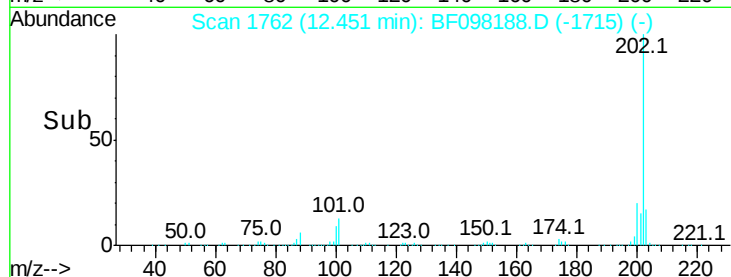
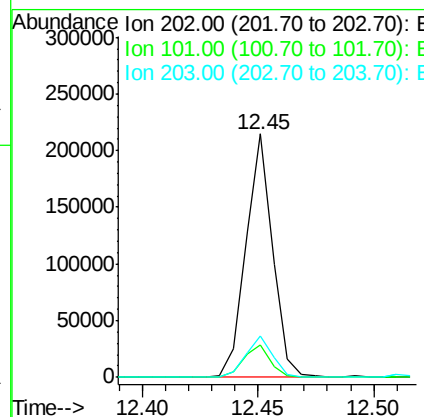
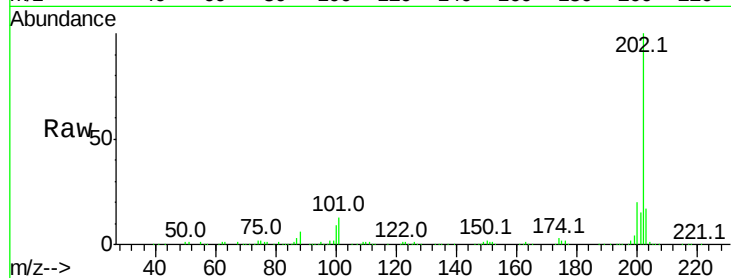
ClientSampleId :

SB-05-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.0	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

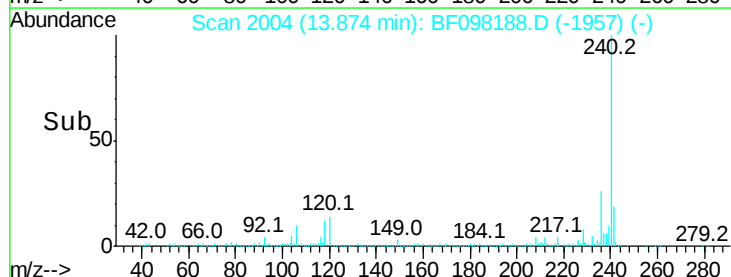
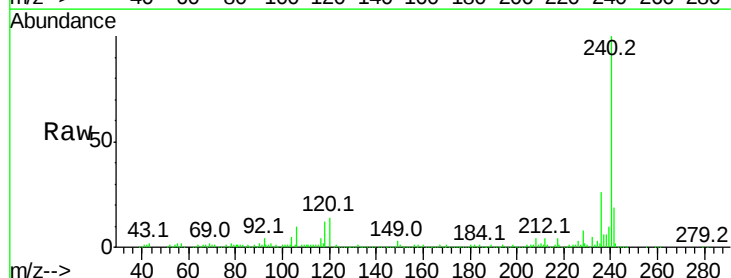
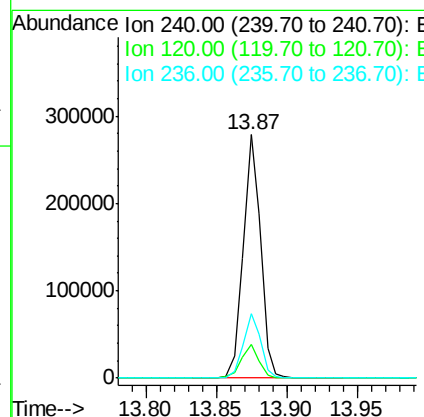
RT: 13.87 min Scan# 2004

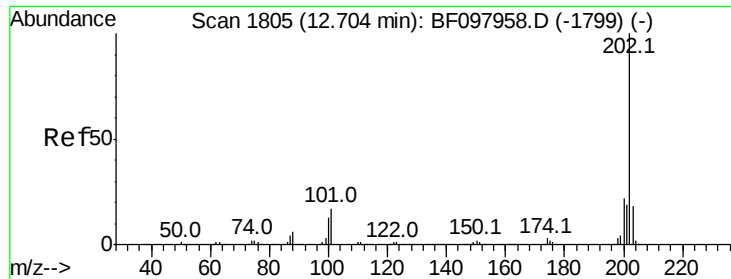
Delta R.T. -0.02 min

Lab File: BF098188.D

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Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.3	20.5	30.7





#77

Pvrene

Concen: 8.215 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF098188.D

Acq: 31 Aug 2017 7:31

Instrument :

BNA_F

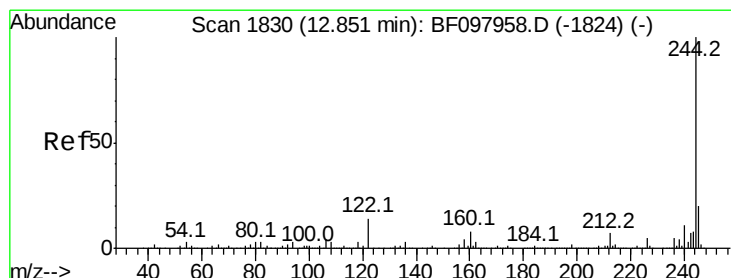
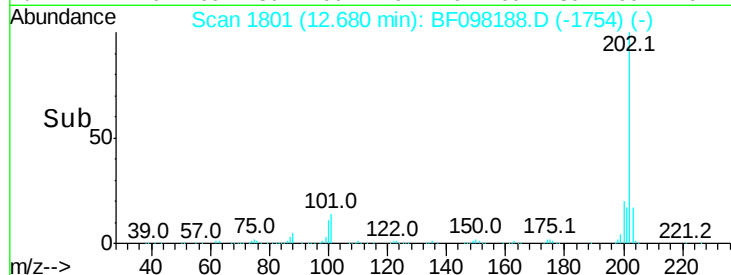
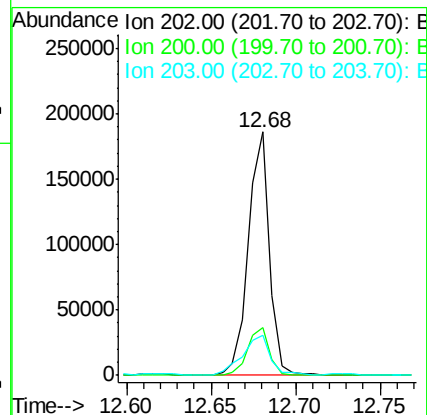
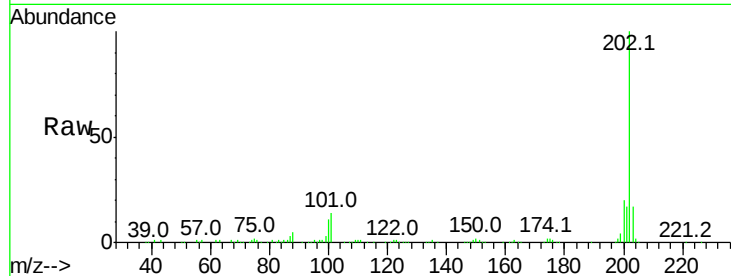
ClientSampleId :

SB-05-COMP

Tot Ion	Ratio	Resp	Lower	Upper
202	100	160916		
200	19.7		17.6	26.4
203	16.7		14.4	21.6

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#78

Terphenyl-d14

Concen: 75.949 ng

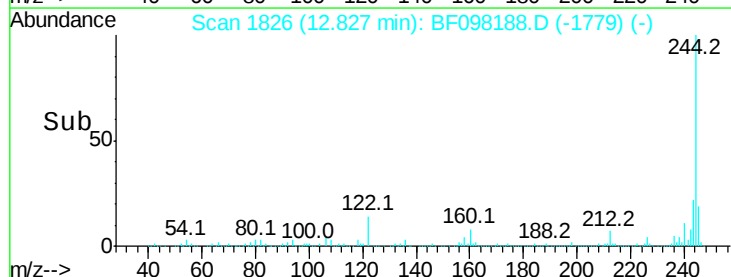
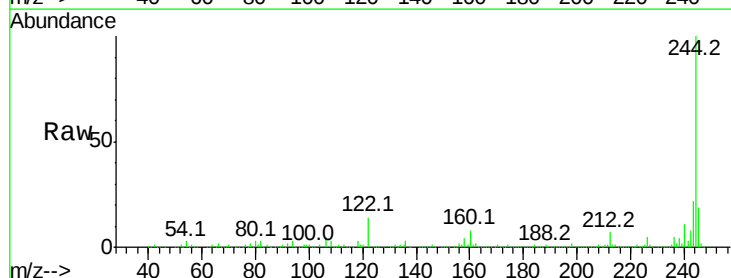
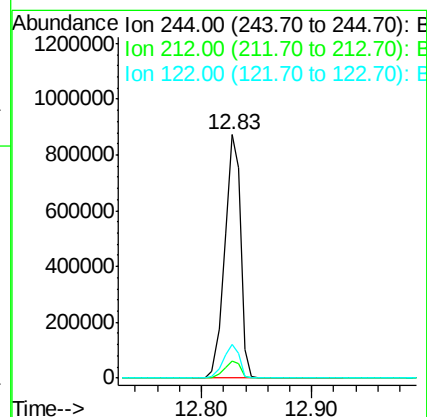
RT: 12.83 min Scan# 1826

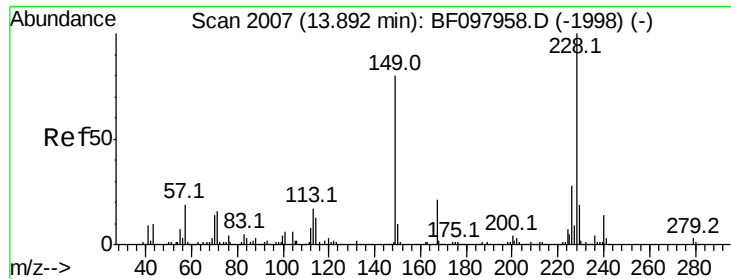
Delta R.T. -0.02 min

Lab File: BF098188.D

Acq: 31 Aug 2017 7:31

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	872207		
212	7.1		6.0	9.0
122	13.9		10.3	15.5





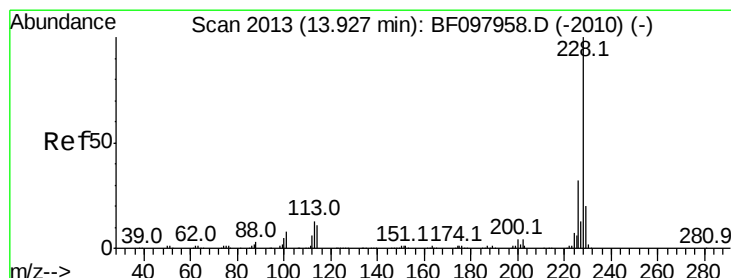
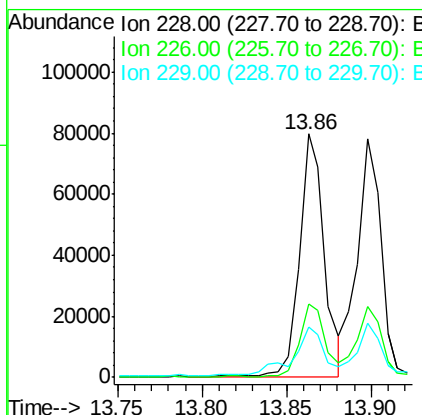
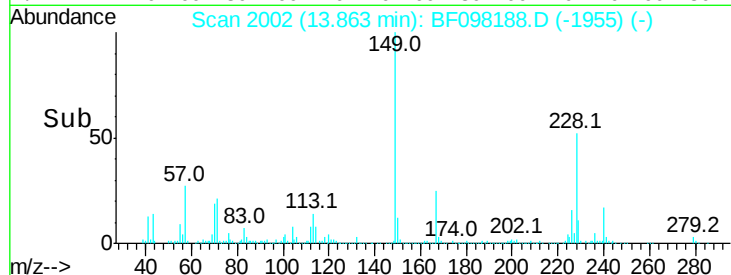
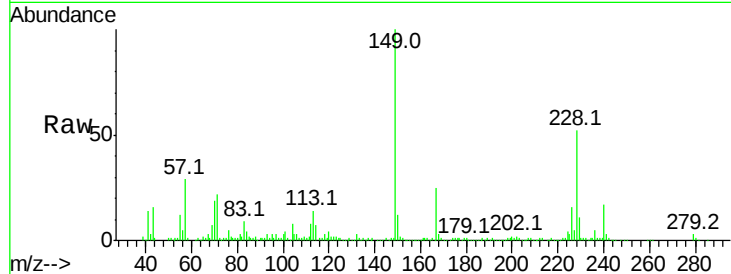
#80
 Benzo(a)anthracene
 Concen: 5.754 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF098188.D
 Acq: 31 Aug 2017 7:31

Instrument :
 BNA_F
 ClientSampled :
 SB-05-COMP

Tot Ion:	228	Resp:	82589
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.6	33.8
229	20.9	16.3	24.5

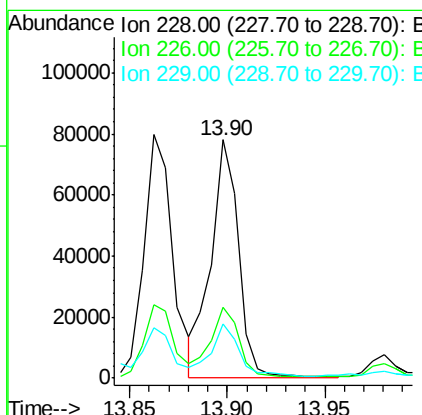
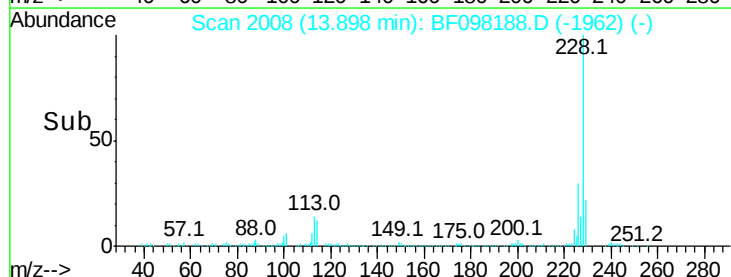
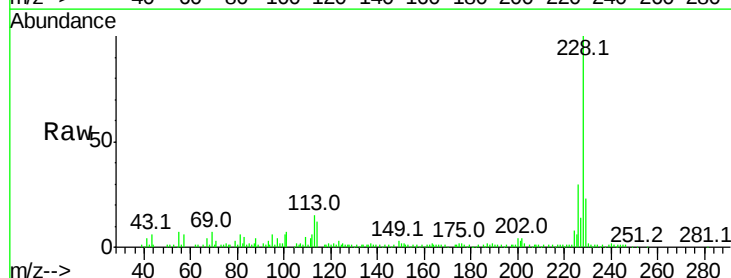
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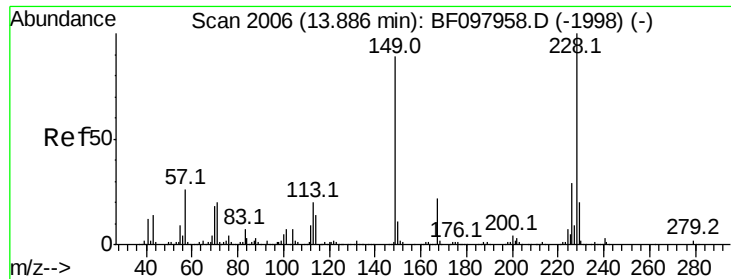
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#82
 Chrysene
 Concen: 5.374 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.03 min
 Lab File: BF098188.D
 Acq: 31 Aug 2017 7:31

Tgt Ion:	228	Resp:	76734
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	22.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.080 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF098188.D

Acq: 31 Aug 2017 7:31

Instrument :

BNA_F

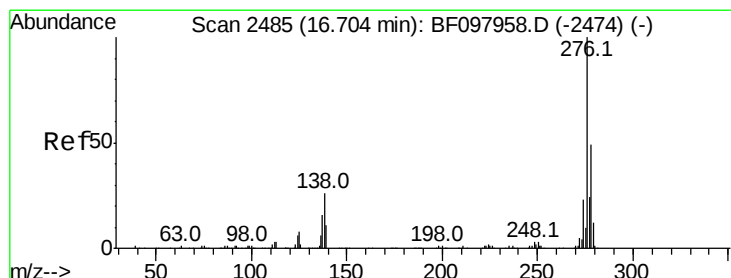
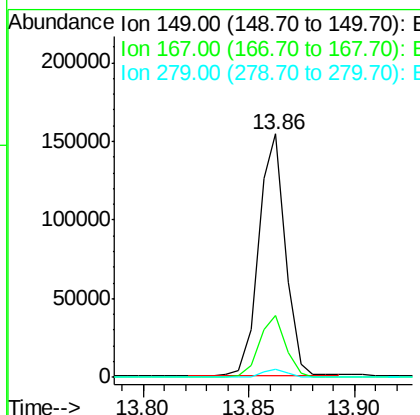
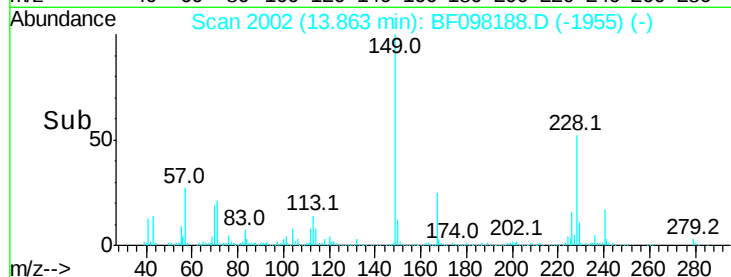
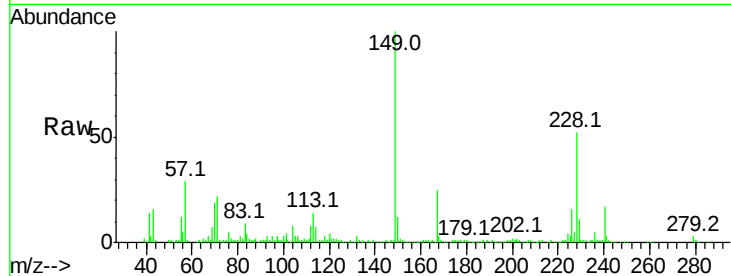
ClientSampleId :

SB-05-COMP

Tot Ion:	149	Resp:	133808
Ion Ratio	Lower	Upper	
149	100		
167	25.3	21.0	31.4
279	3.1	1.9	2.9#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.692 ng

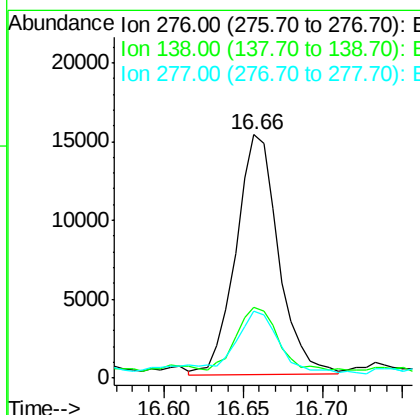
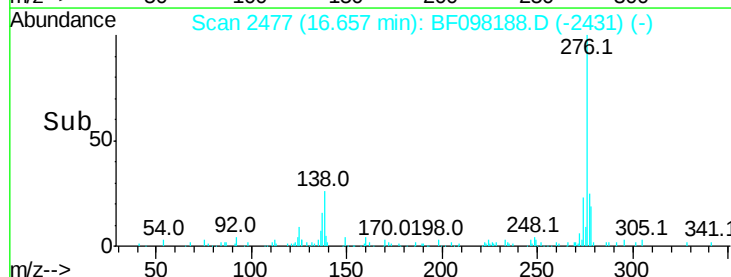
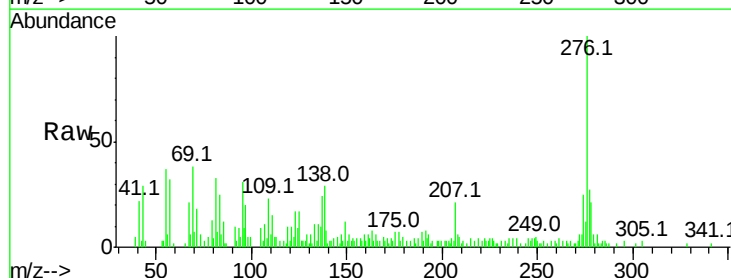
RT: 16.66 min Scan# 2477

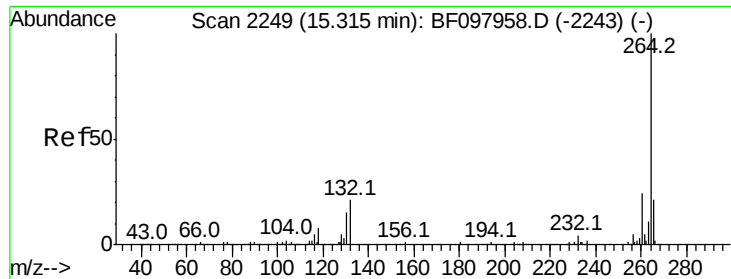
Delta R.T. -0.03 min

Lab File: BF098188.D

Acq: 31 Aug 2017 7:31

Tgt Ion:	276	Resp:	28276
Ion Ratio	Lower	Upper	
276	100		
138	26.3	27.8	41.6#
277	25.1	20.2	30.4





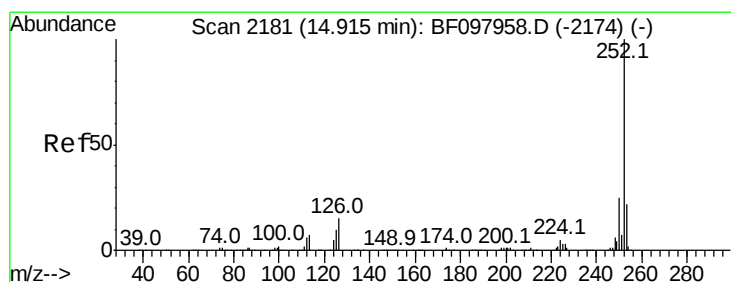
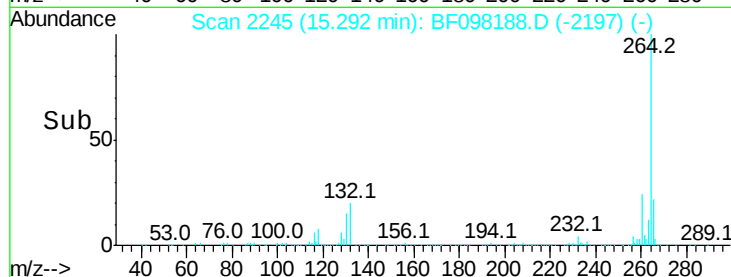
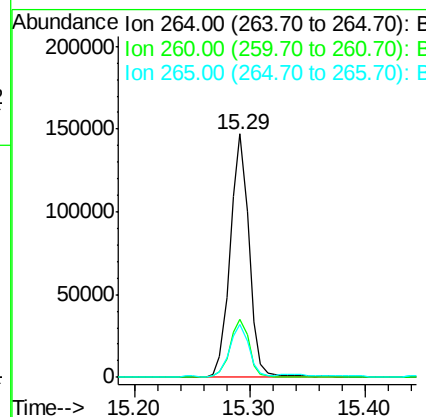
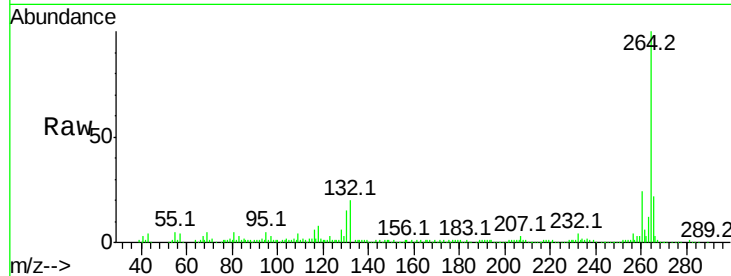
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.02 min
 Lab File: BF098188.D
 Acq: 31 Aug 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	17.2	25.8

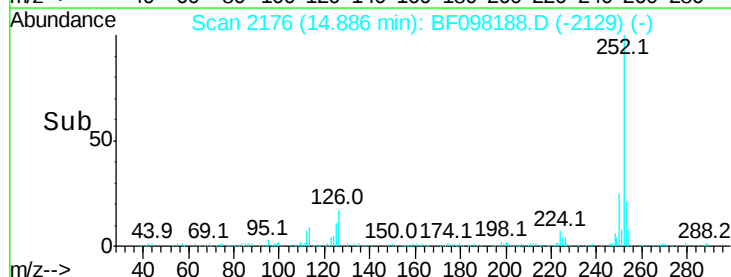
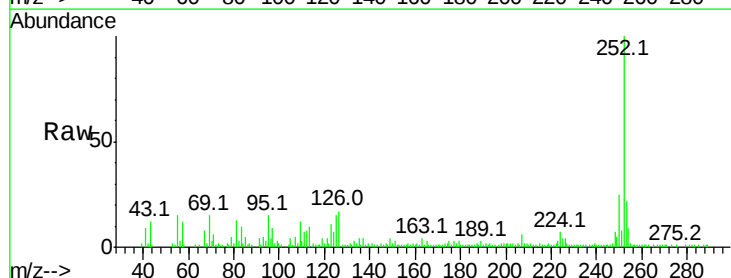
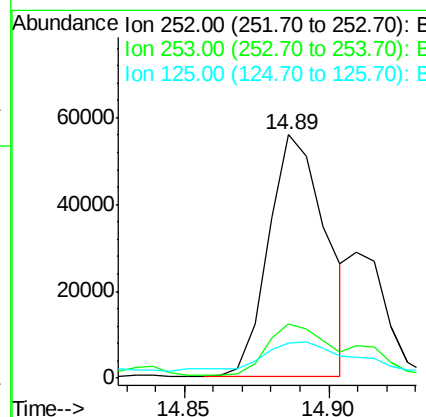
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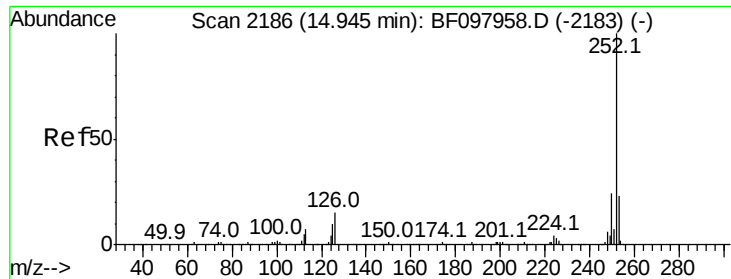
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#87
 Benzo(b)fluoranthene
 Concen: 7.413 ng m
 RT: 14.89 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BF098188.D
 Acq: 31 Aug 2017 7:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.5	9.8	14.8





#88

Benzo(k)fluoranthene

Concen: 2.635 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BF098188.D

Acq: 31 Aug 2017 7:31

Instrument :

BNA_F

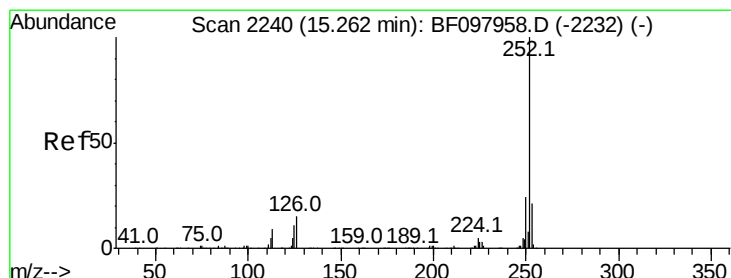
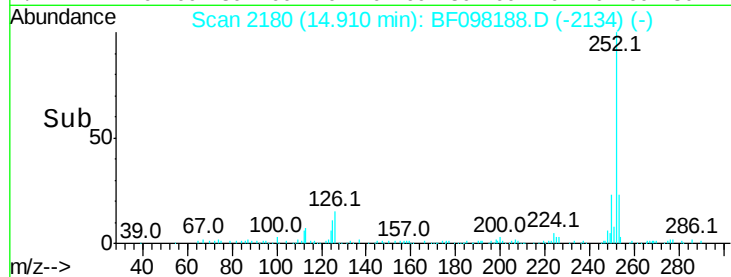
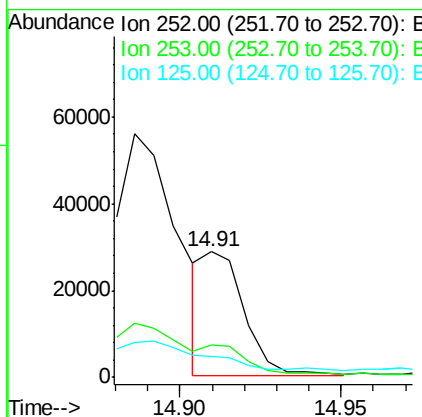
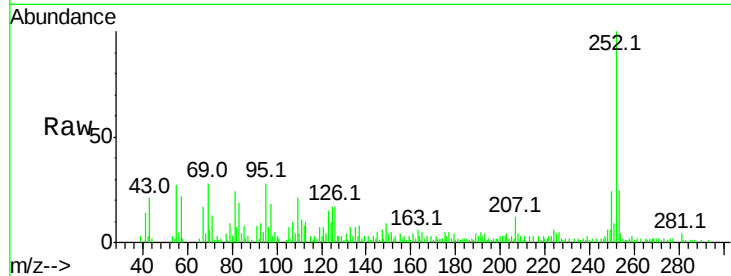
ClientSampleId :

SB-05-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.4	27.6
125	16.9	13.1	19.7

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#89

Benzo(a)pyrene

Concen: 5.366 ng

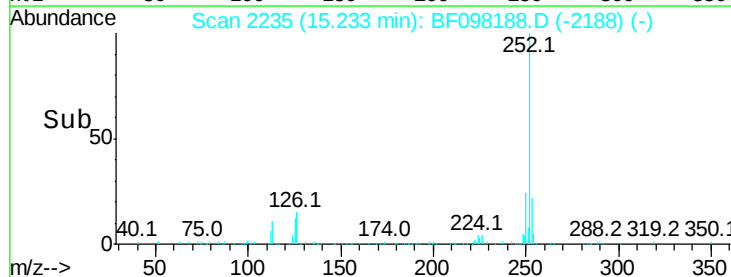
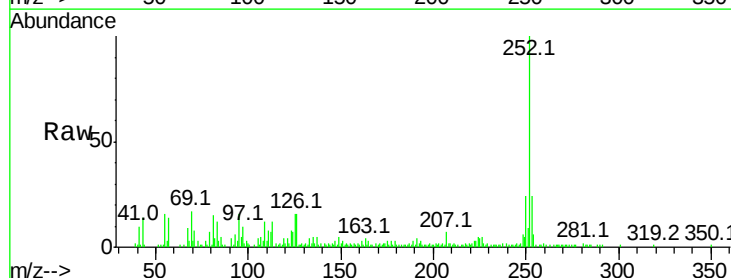
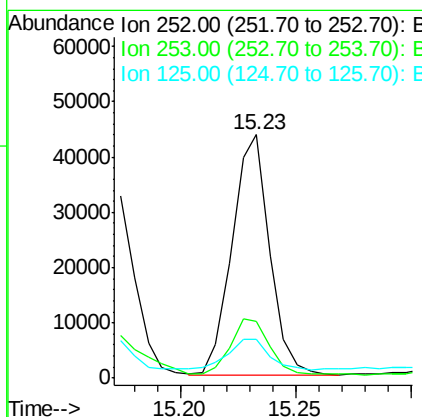
RT: 15.23 min Scan# 2235

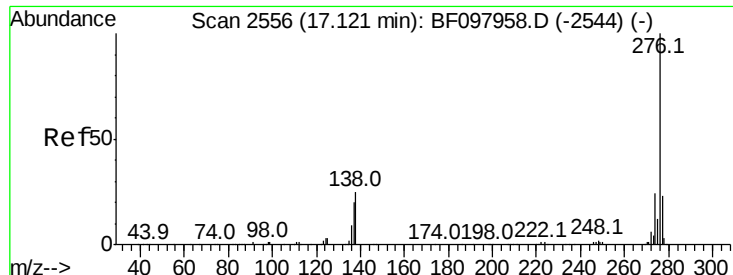
Delta R.T. -0.02 min

Lab File: BF098188.D

Acq: 31 Aug 2017 7:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	15.7	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 3.672 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. -0.04 min
 Lab File: BF098188.D
 Acq: 31 Aug 2017 7:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-COMP

Tot Ion:	276	Resp:	28595
Ion Ratio		Lower	Upper
276	100		
277	28.2	18.6	28.0#
138	24.2	25.4	38.0#

Manual Integrations
 APPROVED

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