

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098191.D
 Acq On : 31 Aug 2017 8:54
 Operator : SJ/JU
 Sample : I4987-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Manual Integrations
 APPROVED

Sohil
 8/31/2017 7:13:39 PM

Quant Time: Aug 31 13:37:20 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	103628	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	380089	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	138650	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	238108	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	212972	20.00	ng	-0.02
86) Perylene-d12	15.29	264	150657	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	831987	122.12	ng	-0.01
7) Phenol-d6	6.37	99	1096537	118.46	ng	-0.02
23) Nitrobenzene-d5	7.29	82	613650	87.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	134444	111.76	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	798428	84.61	ng	-0.02
78) Terphenyl-d14	12.83	244	605084	59.25	ng	-0.02
Target Compounds						
10) Phenol	6.37	94	36601	3.381	ng	Qvalue 88
49) Dimethylphthalate	9.48	163	142513	14.062	ng	98
70) Phenanthrene	11.26	178	52041	4.102	ng	99
74) Fluoranthene	12.45	202	146550	11.066	ng	98
77) Pyrene	12.68	202	150928	8.665	ng	98
80) Benzo(a)anthracene	13.86	228	83564	6.547	ng	99
82) Chrysene	13.90	228	65817	5.183	ng	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	27379	2.931	ng	# 87
87) Benzo(b)fluoranthene	14.89	252	73951m	7.787	ng	
88) Benzo(k)fluoranthene	14.91	252	25127m	2.816	ng	
89) Benzo(a)pyrene	15.23	252	55414	6.591	ng	95
91) Benzo(a,h,i)perylene	17.07	276	29246	4.095	ng	94

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

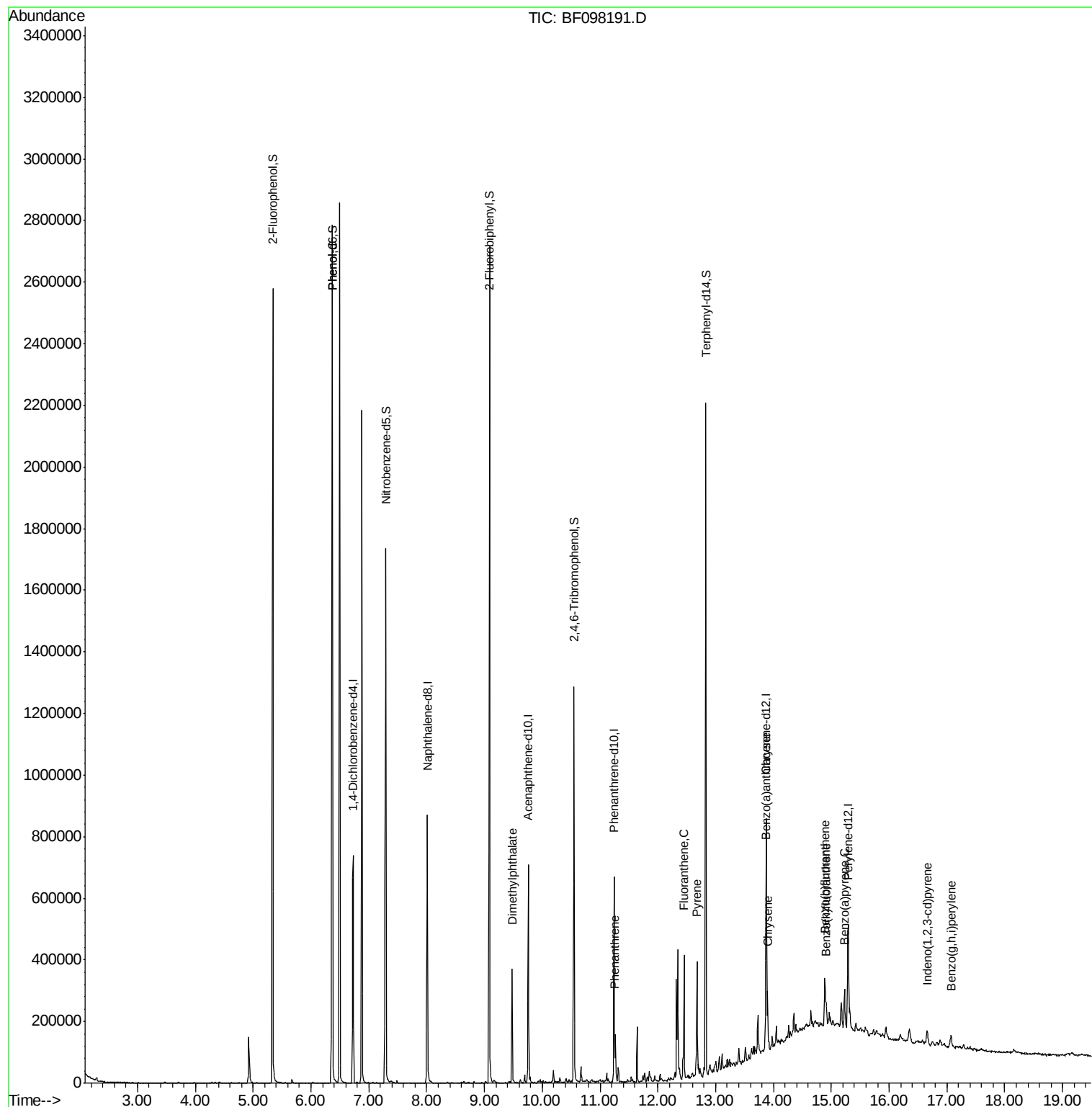
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
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Sample : I4987-10
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ALS Vial : 32 Sample Multiplier: 1

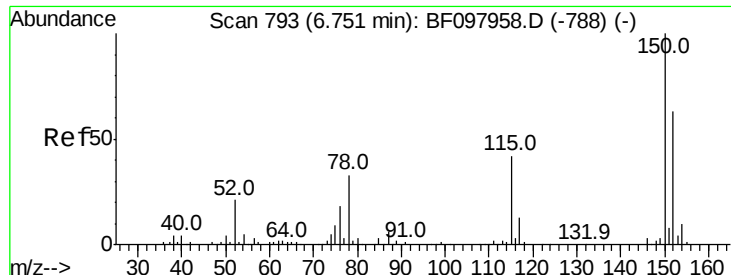
Instrument :
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#1

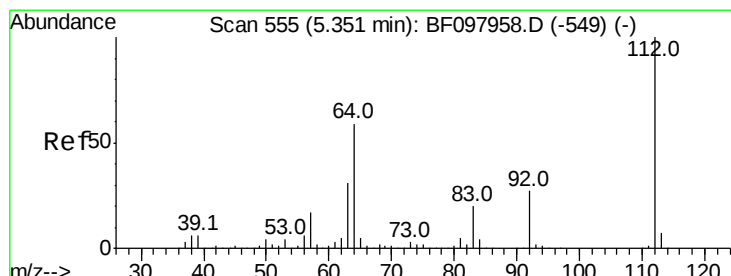
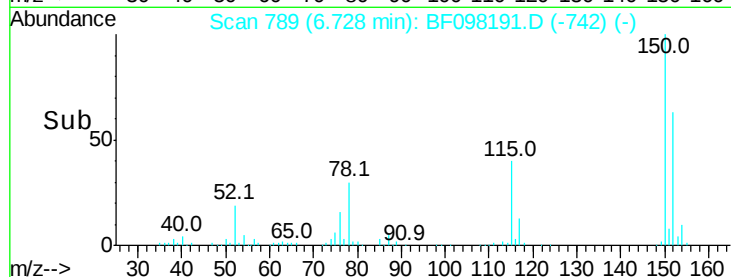
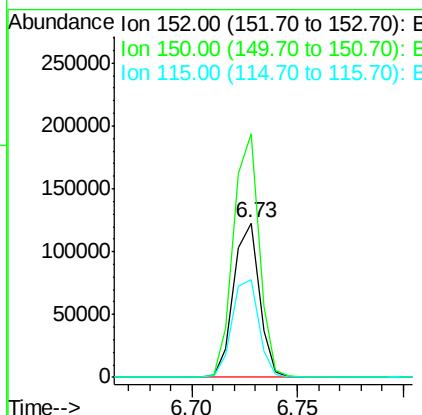
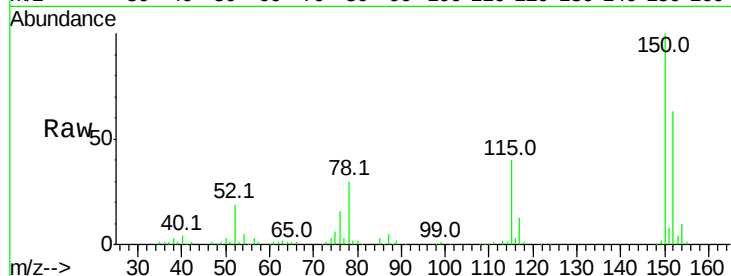
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampled :
SB-09-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	63.3	52.2	78.2

Manual Integrations
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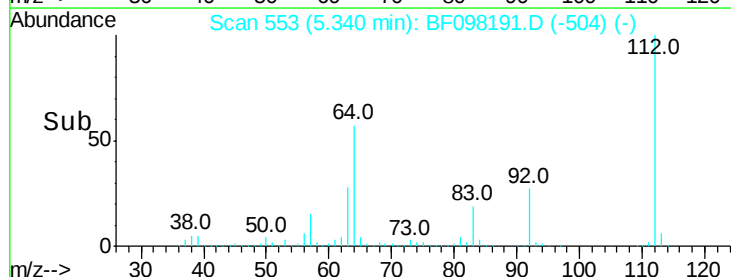
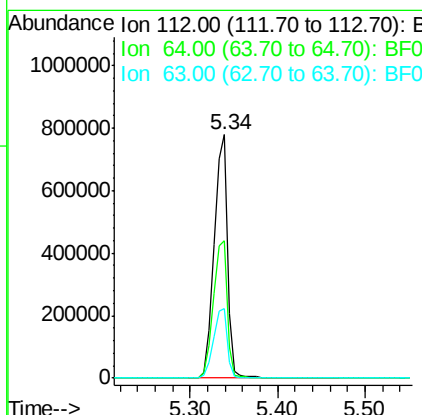
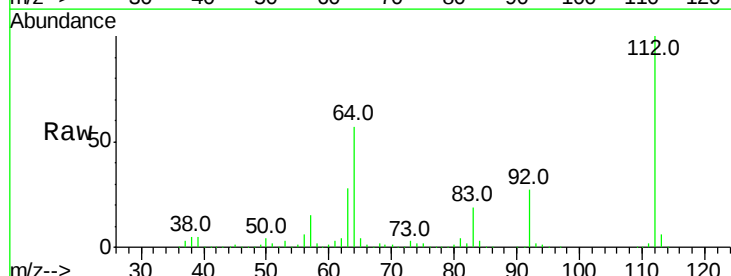
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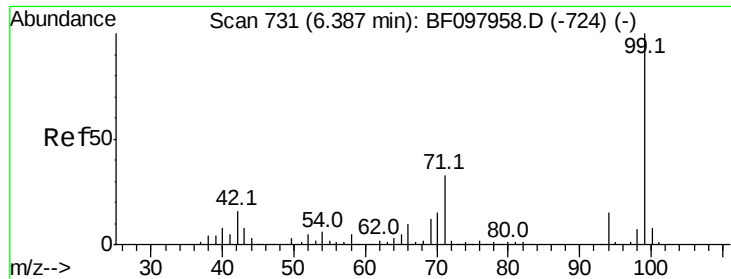


#5

2-Fluorophenol
Concen: 122.121 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.0	69.0
63	28.5	23.4	35.0





#7

Phenol-d6

Concen: 118.459 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098191.D

Acq: 31 Aug 2017 8:54

Instrument :

BNA_F

ClientSampled :

SB-09-COMP

Tot Ion: 99 Resp: 1096537

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

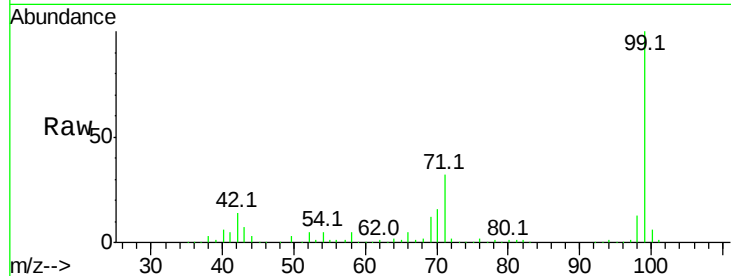
71 32.4 24.5 36.7

Manual Integrations

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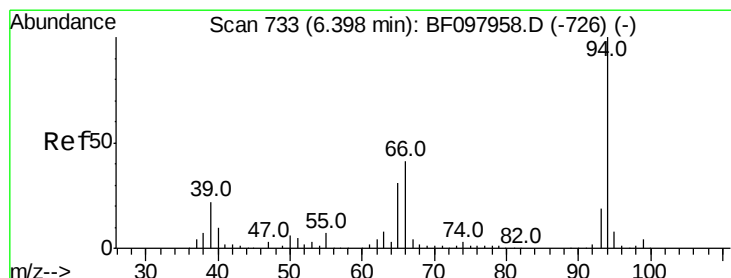
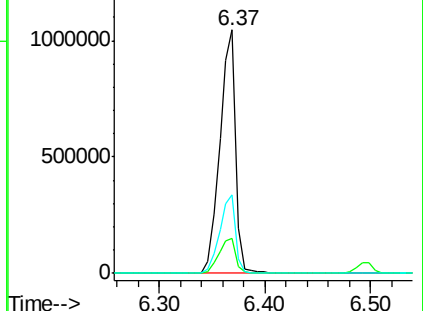
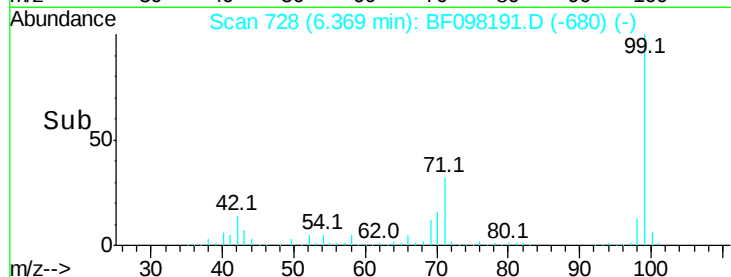
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.381 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF098191.D

Acq: 31 Aug 2017 8:54

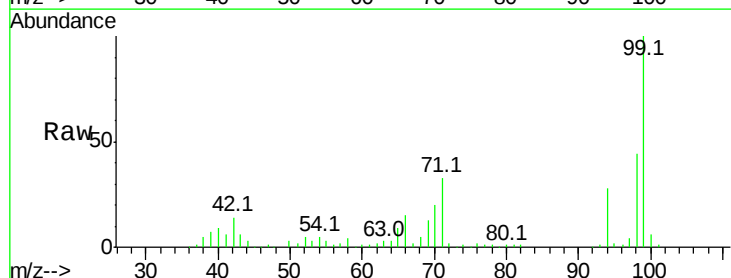
Tgt Ion: 94 Resp: 36601

Ion Ratio Lower Upper

94 100

65 32.7 9.9 49.9

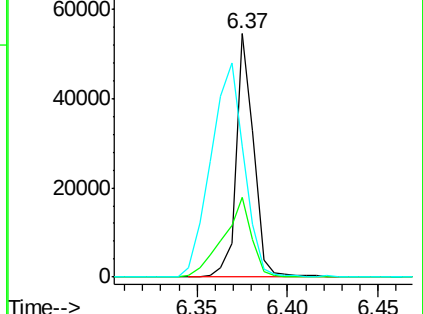
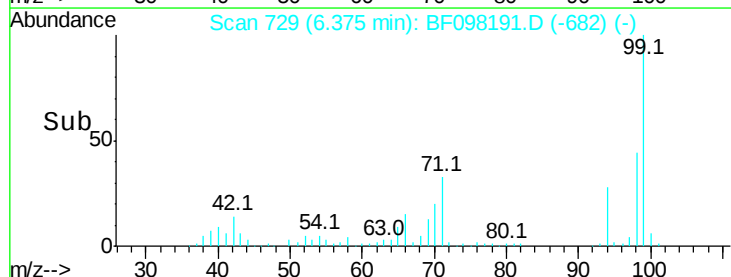
66 54.0 23.1 63.1

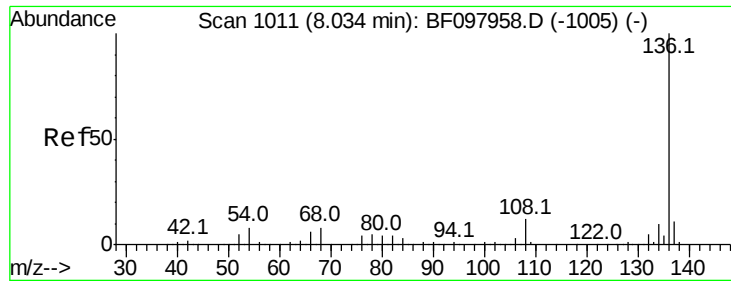


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





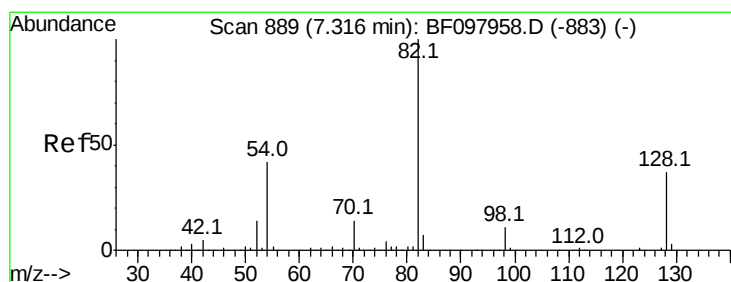
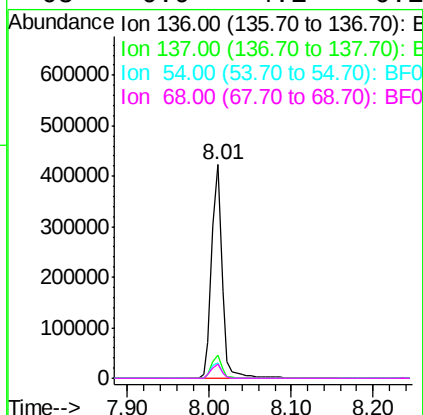
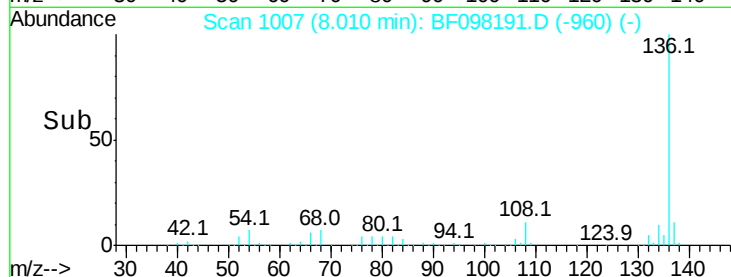
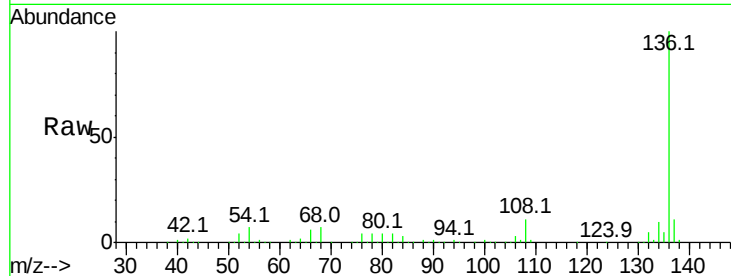
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.5	12.7
54	7.1	4.9	7.3
68	6.9	4.1	6.1#

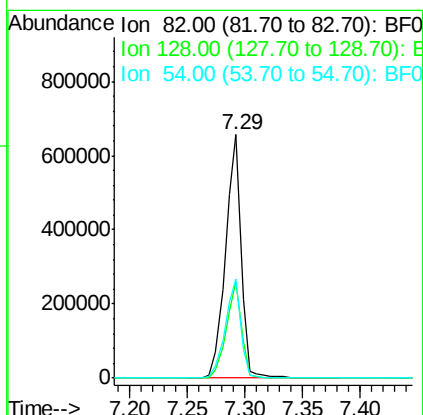
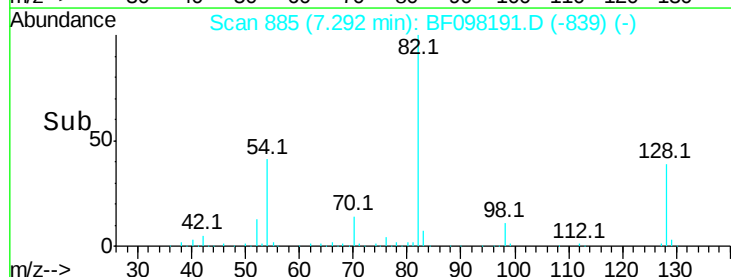
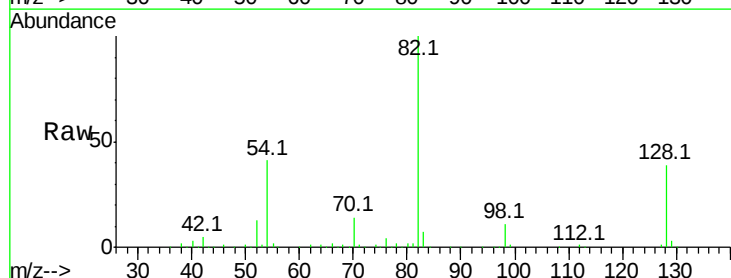
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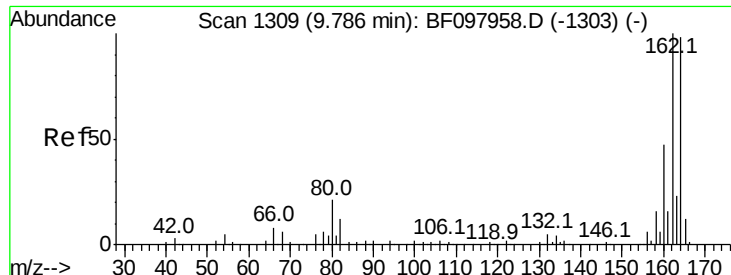
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#23
Nitrobenzene-d5
Concen: 87.707 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.4	34.0	51.0
54	40.5	42.2	63.2#





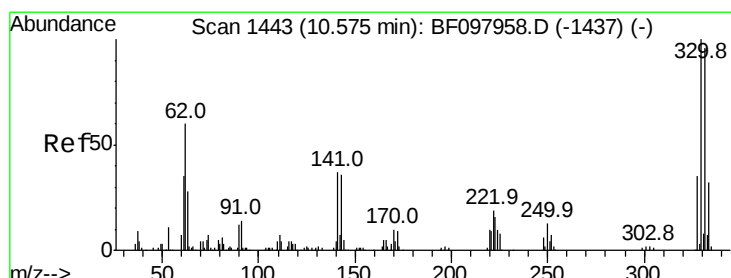
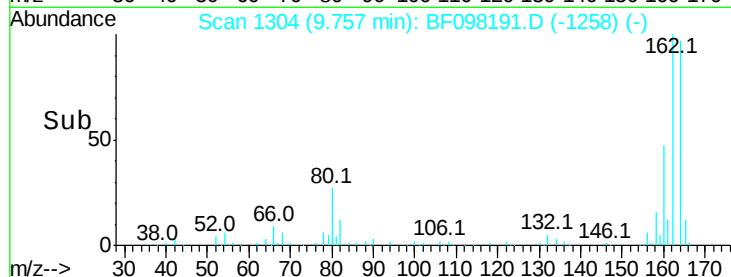
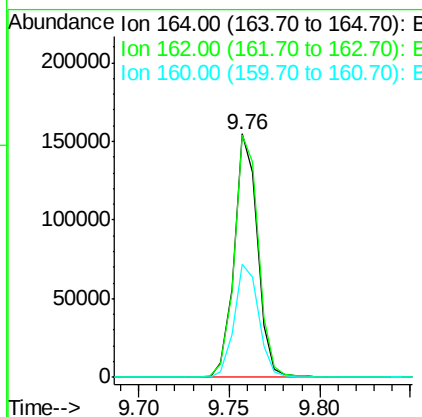
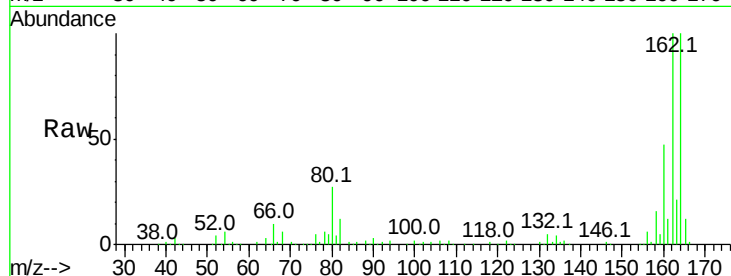
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.5	82.6	123.8	
160	46.6	36.2	54.2	

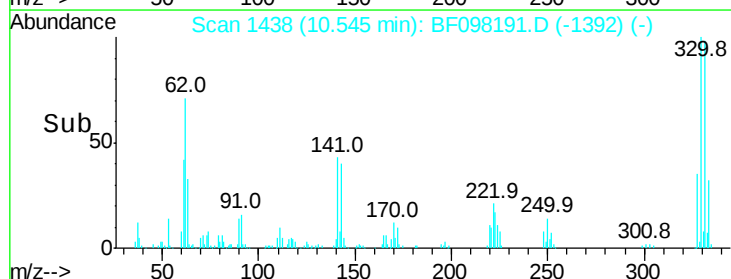
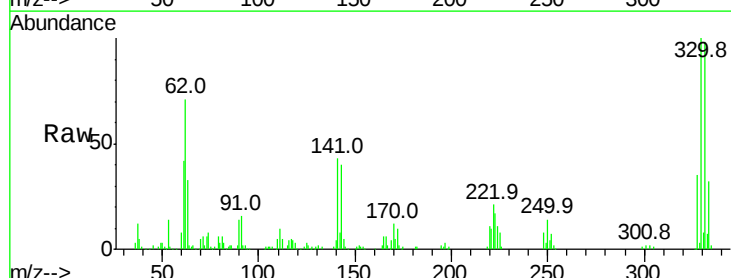
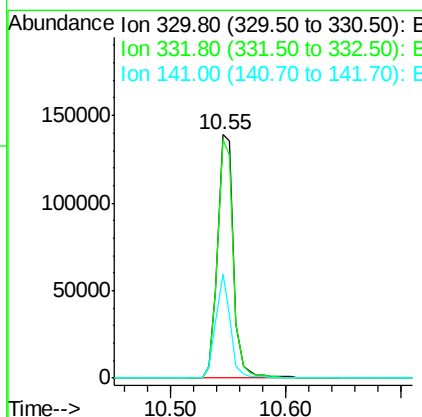
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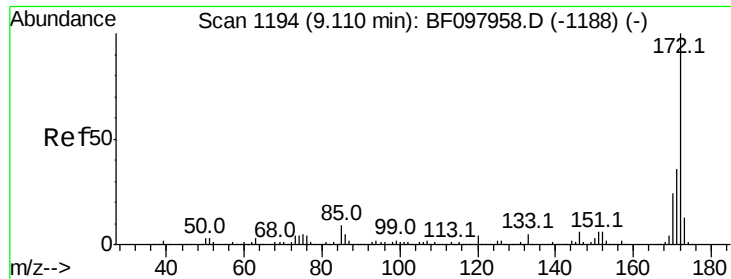
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#41
2,4,6-Tribromophenol
Concen: 111.756 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.6	115.0	
141	38.8	31.4	47.2	





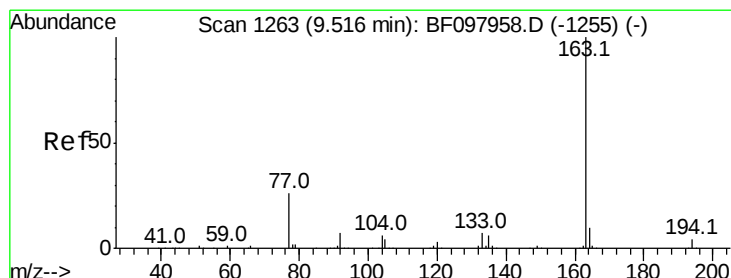
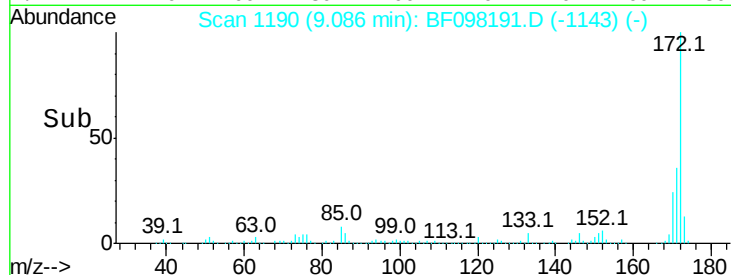
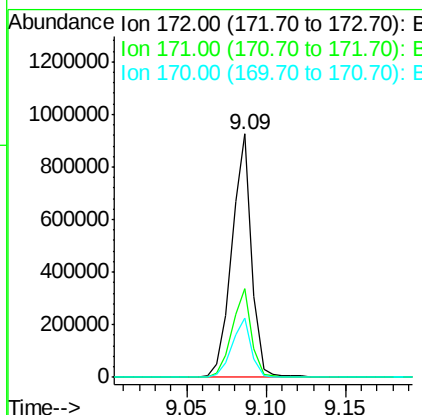
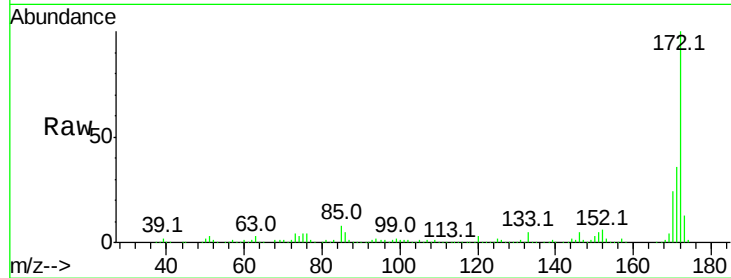
#44
2-Fluorobiphenyl
Concen: 84.605 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Resp	Lower	Upper
172	100	798428		
171	36.4		29.6	44.4
170	24.5		19.8	29.8

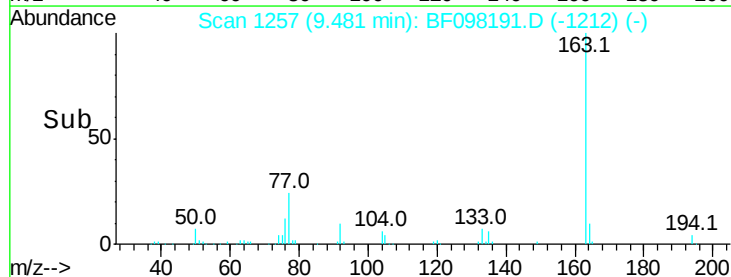
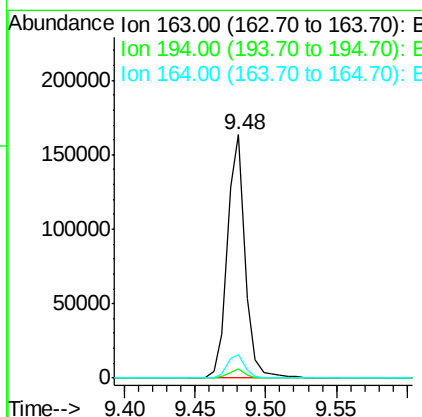
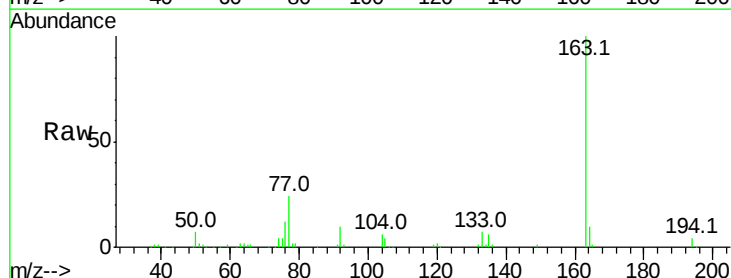
Manual Integrations
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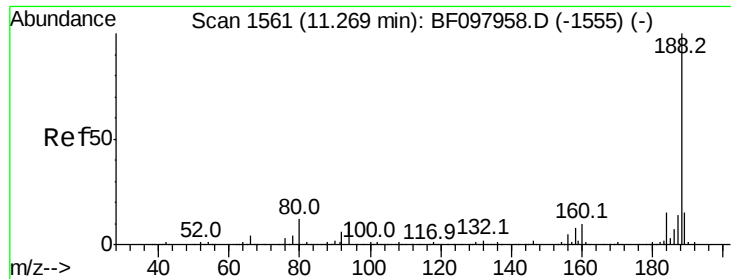
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#49
Dimethylphthalate
Concen: 14.062 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	142513		
194	3.6		2.6	4.0
164	9.7		8.4	12.6





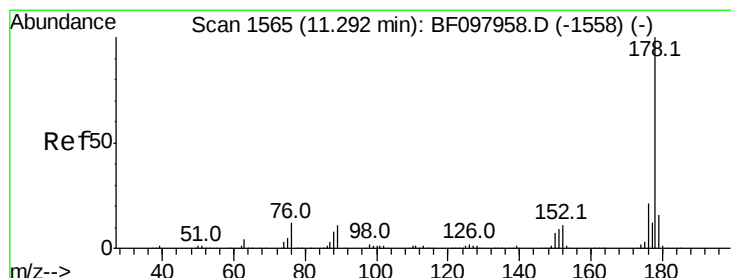
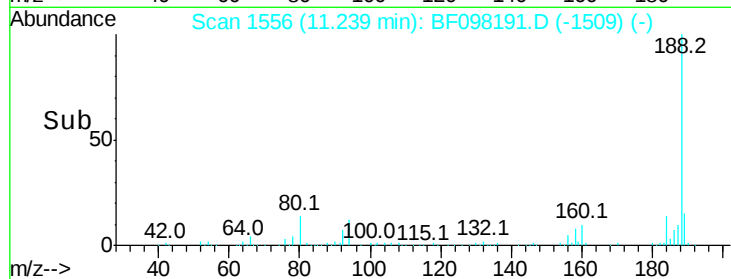
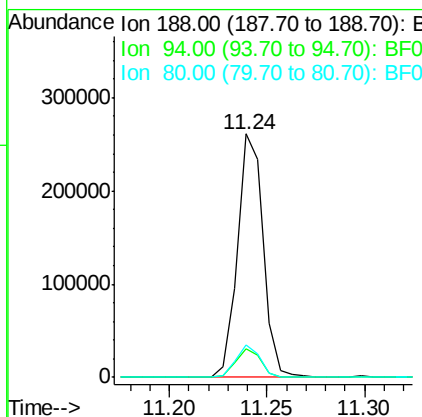
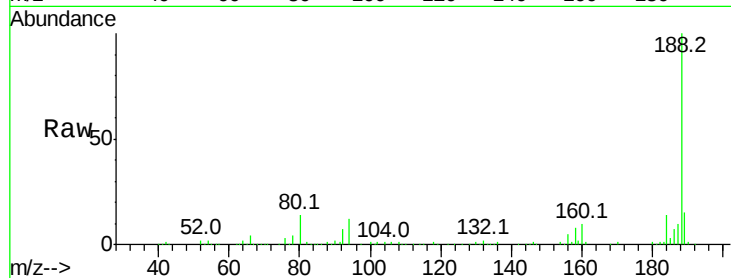
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	9.4	14.2
80	13.5	10.2	15.2

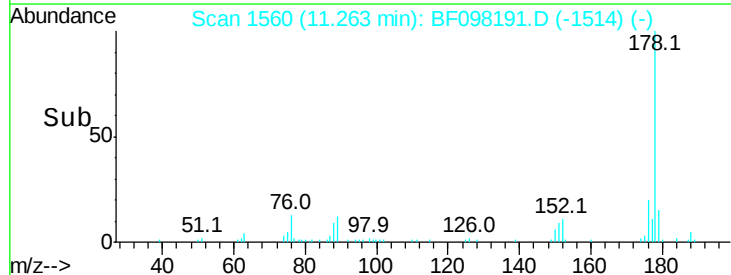
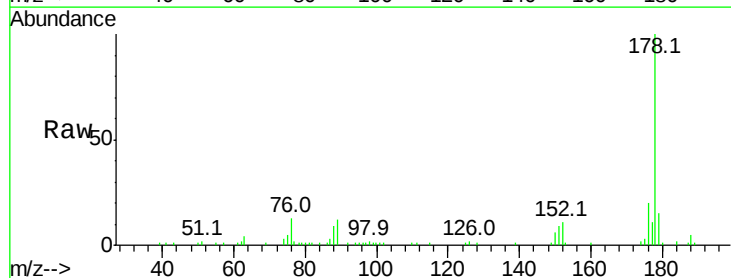
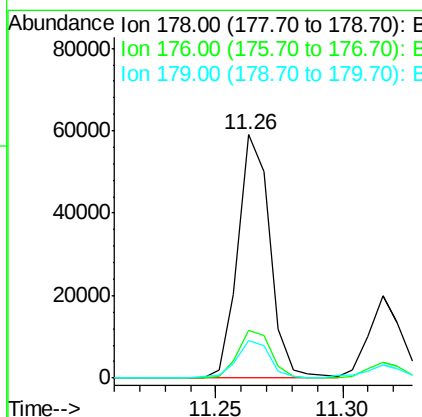
Manual Integrations
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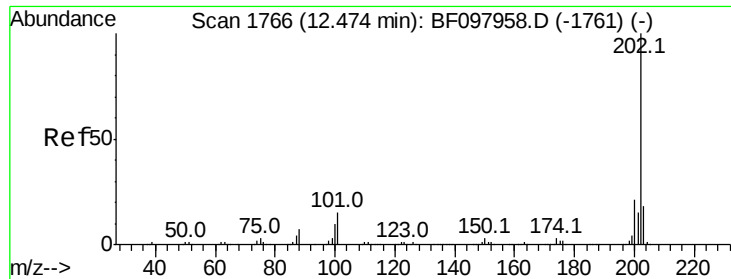
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#70
Phenanthrene
Concen: 4.102 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.8	16.2	24.4
179	15.3	12.6	19.0





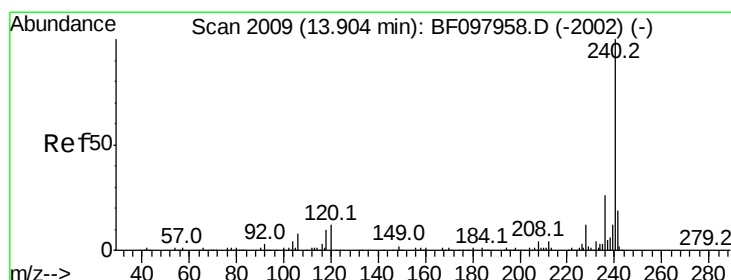
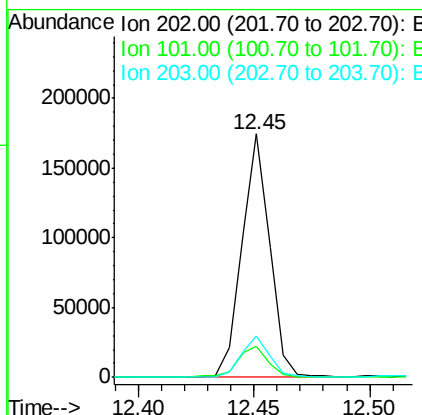
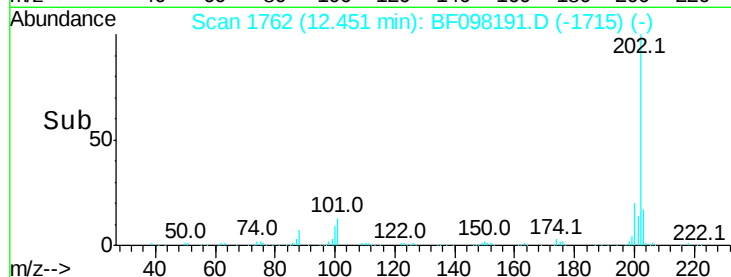
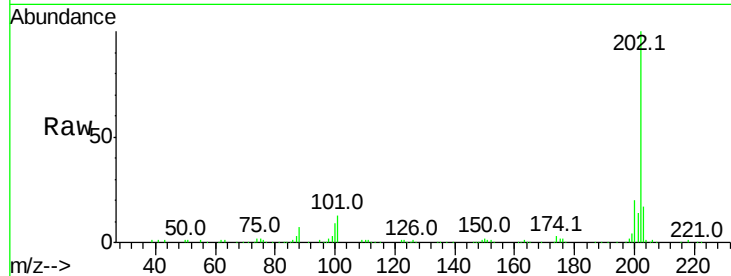
#74
Fluoranthene
Concen: 11.066 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	33.2
203	17.0	0.0	38.1

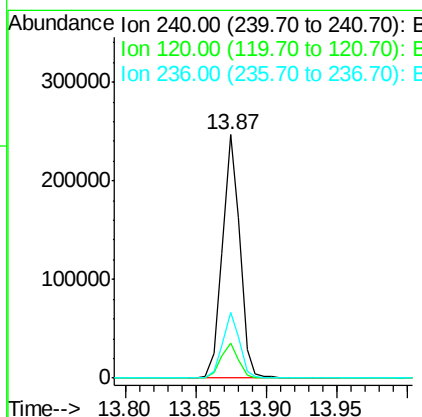
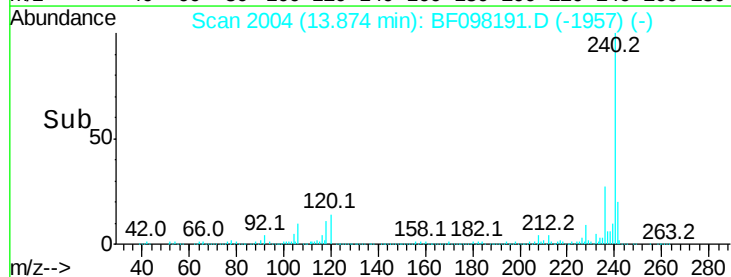
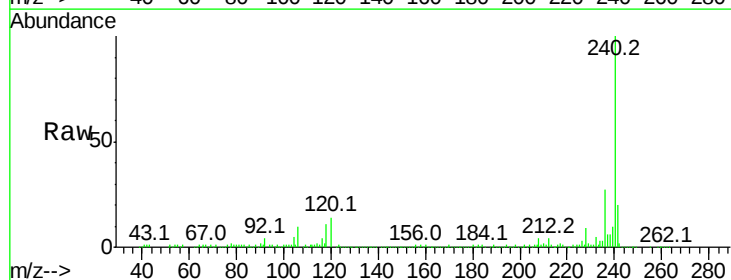
Manual Integrations
APPROVED

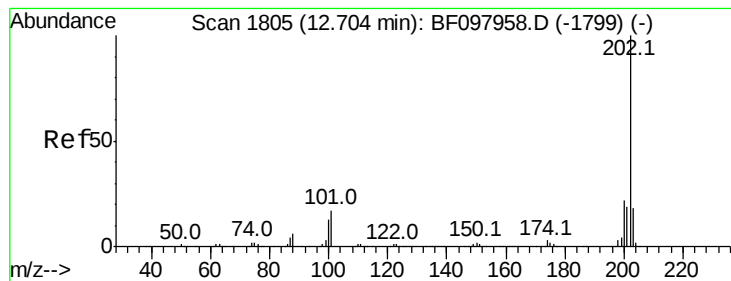
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	26.7	20.5	30.7





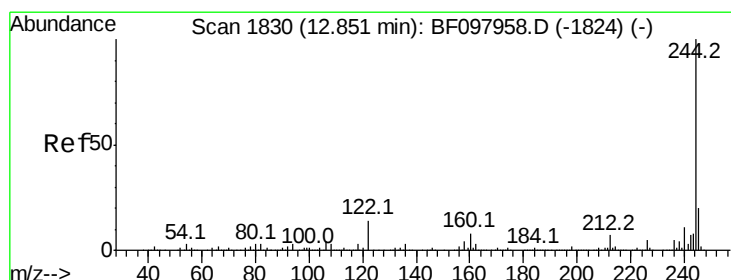
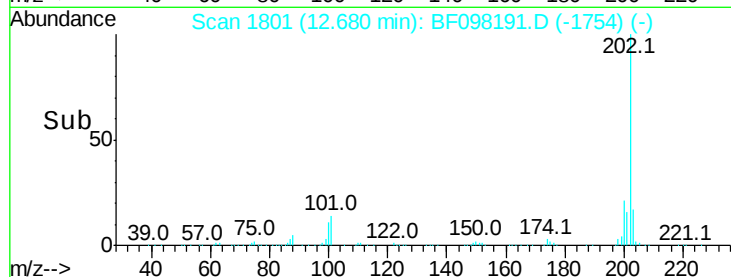
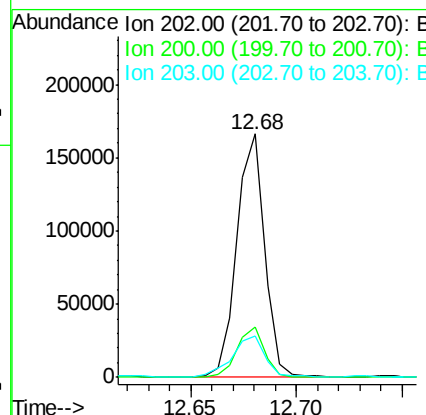
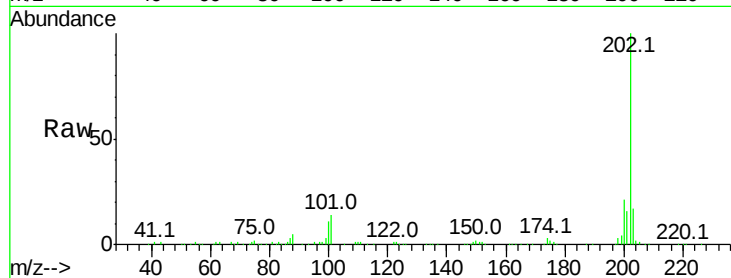
#77
Pvrene
Concen: 8.665 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.1	14.4	21.6

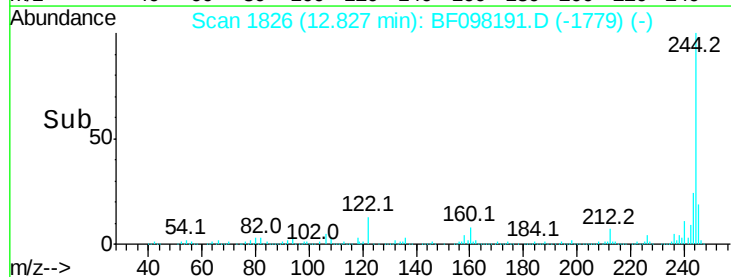
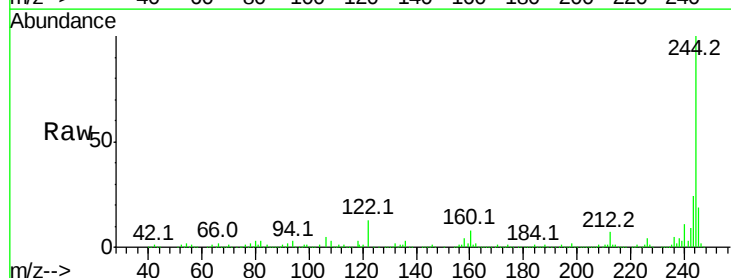
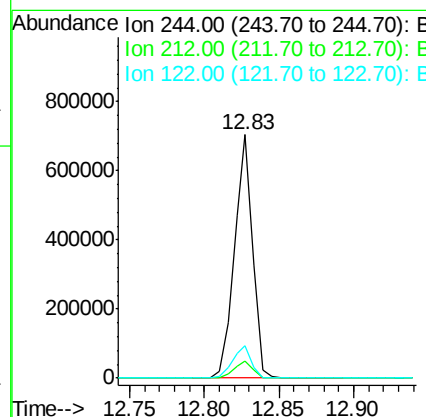
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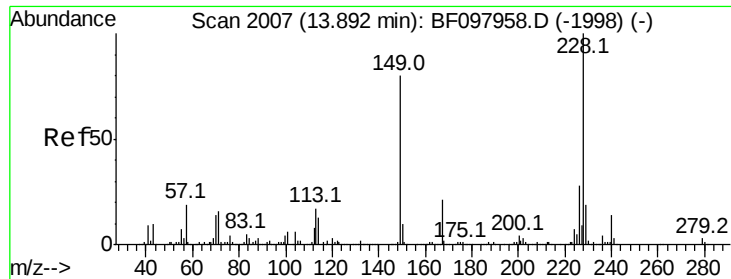
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#78
Terphenyl-d14
Concen: 59.247 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.5	10.3	15.5





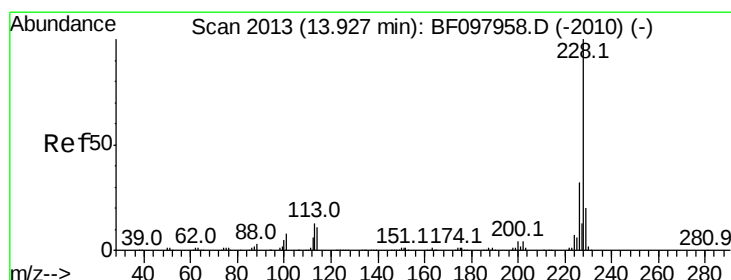
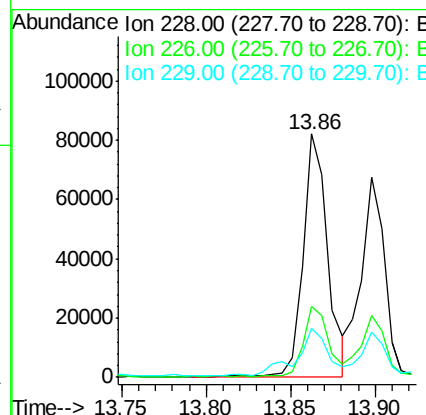
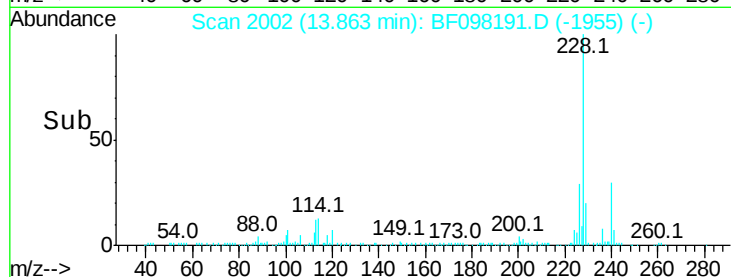
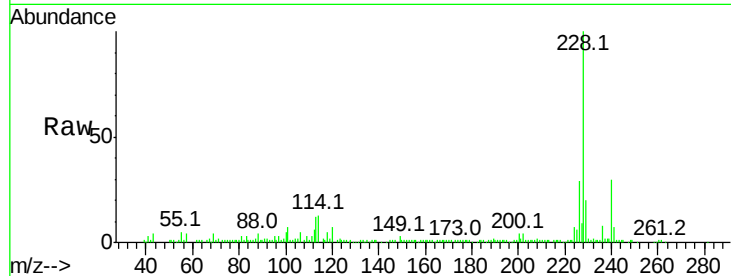
#80
Benzo(a)anthracene
Concen: 6.547 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampled :
SB-09-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.3	16.3	24.5

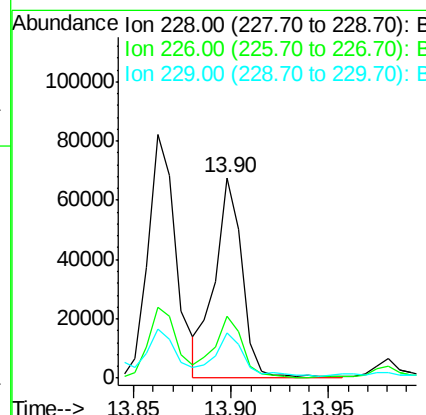
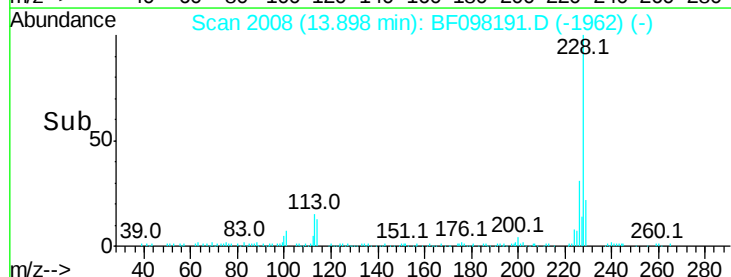
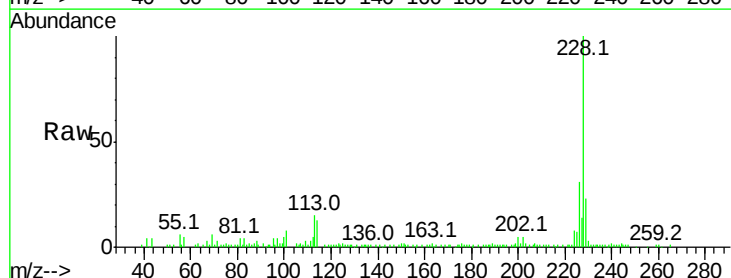
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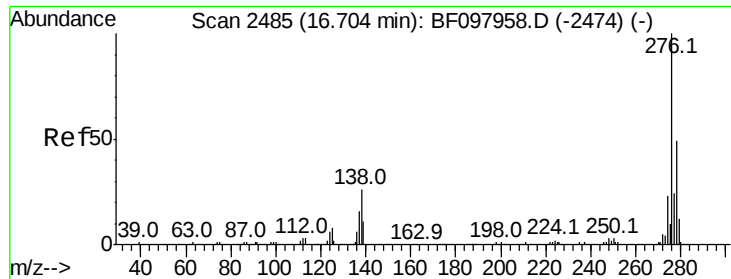
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#82
Chrysene
Concen: 5.183 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.9	15.8	23.6





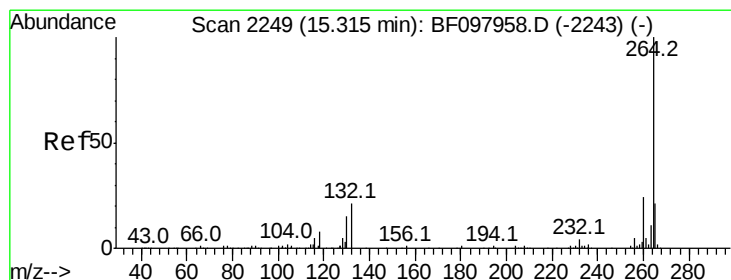
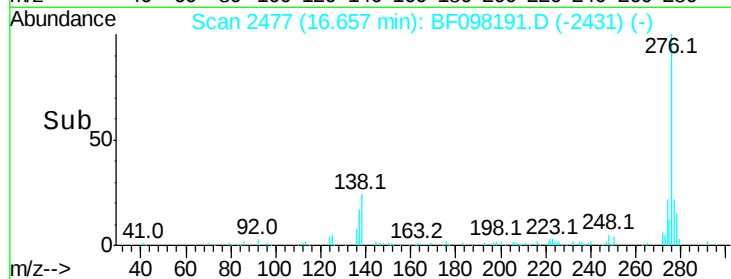
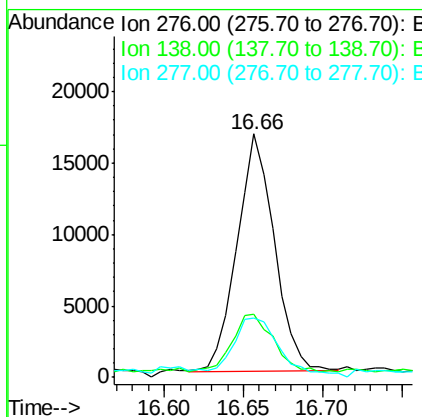
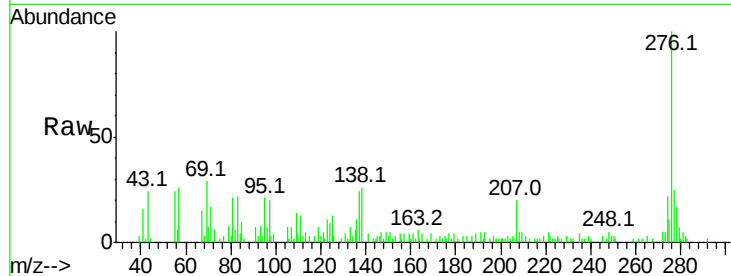
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.931 ng
RT: 16.66 min Scan# 2477
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.3	27.8	41.6#
277	31.6	20.2	30.4#

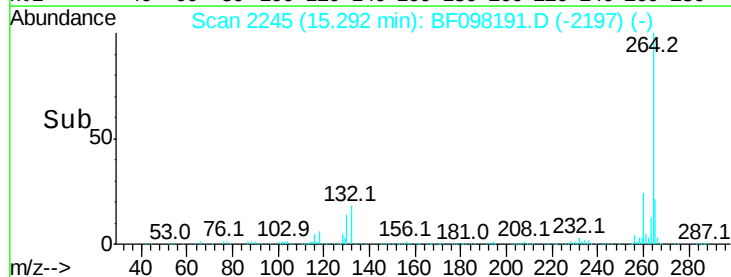
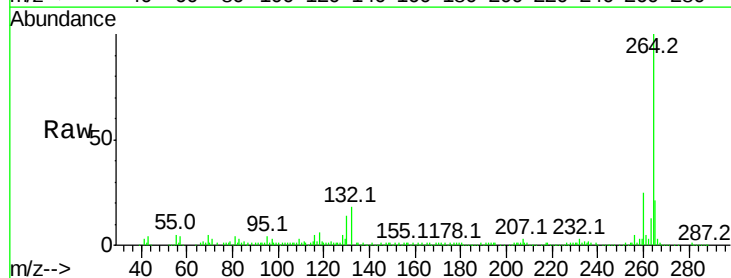
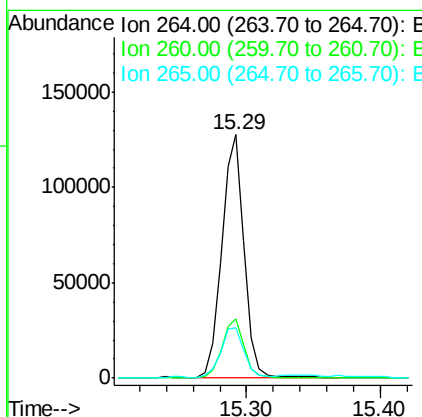
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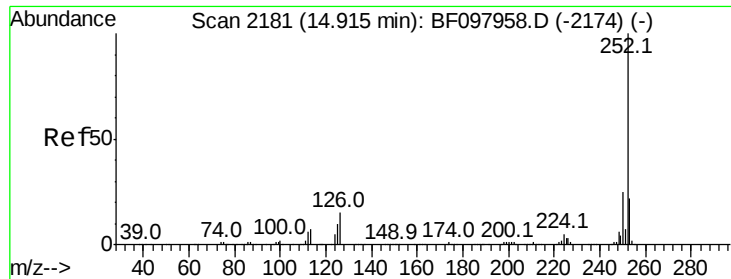
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	20.9	17.2	25.8





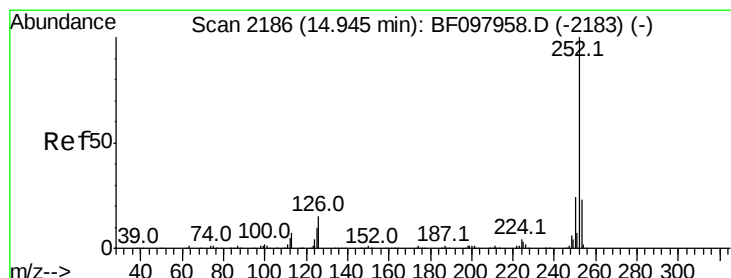
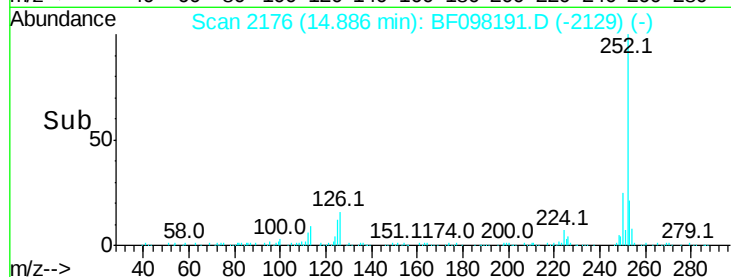
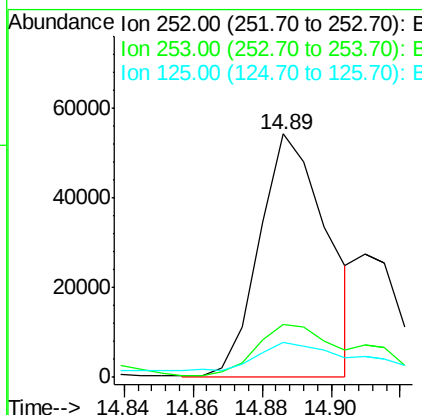
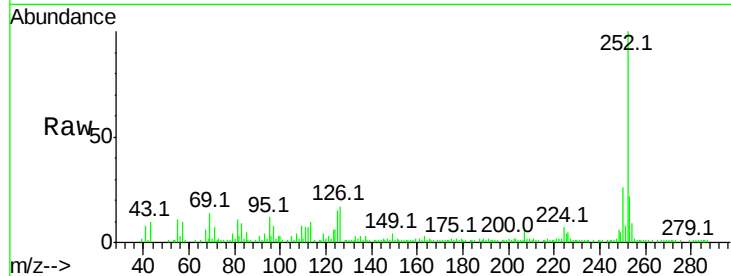
#87
Benzo(b)fluoranthene
Concen: 7.787 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.6	9.8	14.8

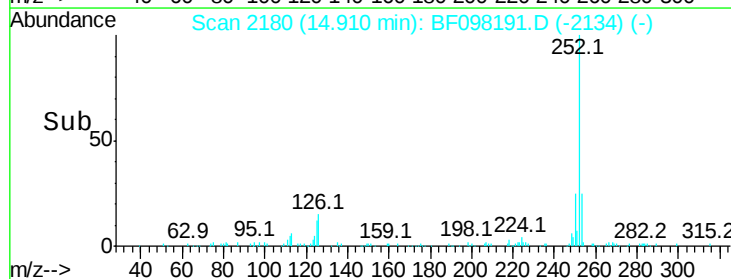
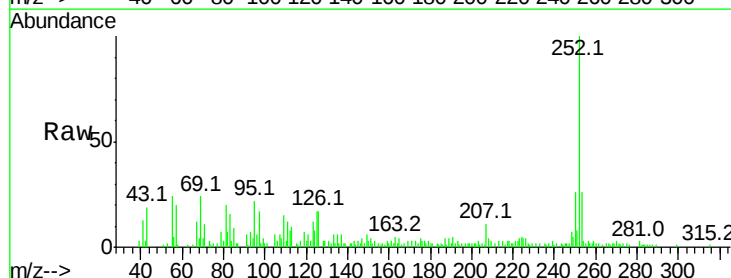
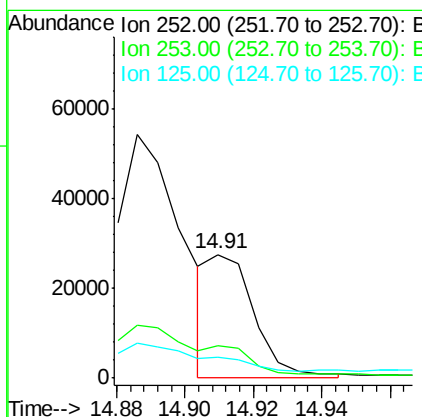
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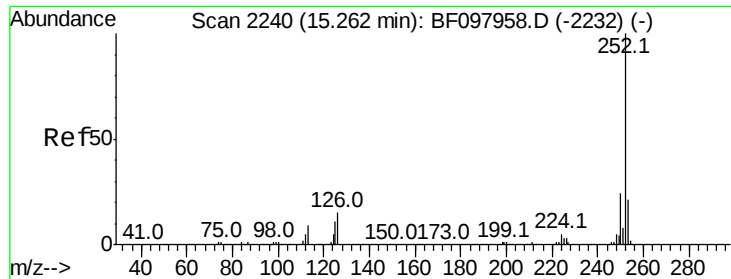
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#88
Benzo(k)fluoranthene
Concen: 2.816 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	18.4	27.6
125	17.0	13.1	19.7





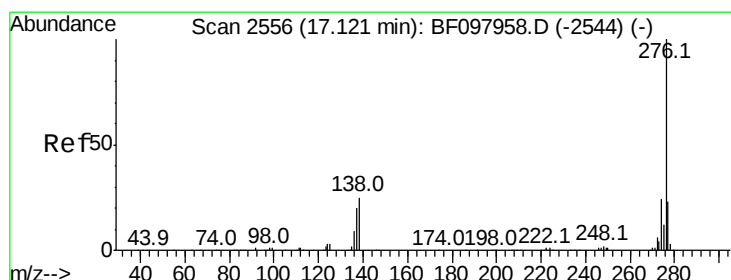
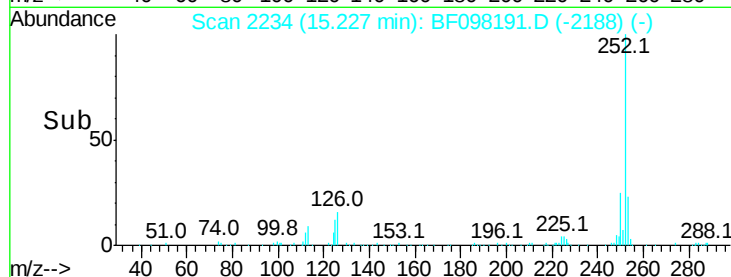
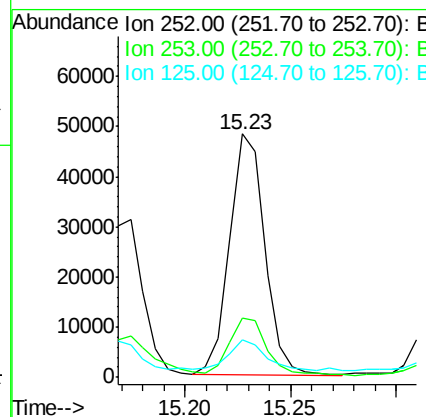
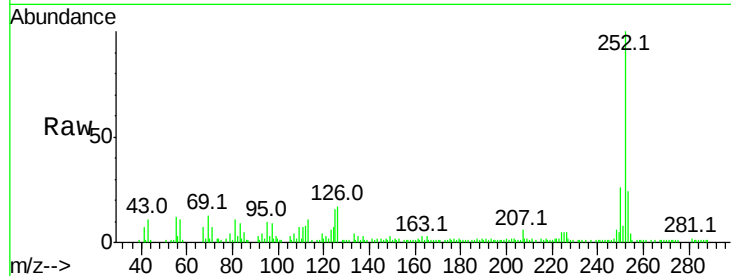
#89
Benzo(a)pyrene
Concen: 6.591 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	15.7	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.095 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.04 min
Lab File: BF098191.D
Acq: 31 Aug 2017 8:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	27.2	25.4	38.0

