

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098180.D
 Acq On : 31 Aug 2017 2:37
 Operator : SJ/JU
 Sample : I5024-07 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082917-C

Manual Integrations
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Quant Time: Aug 31 08:34:31 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	136694	20.00	ng	-0.02
21) Naphthalene-d8	8.01	136	535621	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	220829	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	359860	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	265368	20.00	ng	-0.02
86) Perylene-d12	15.29	264	198777	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	584073	64.99	ng	-0.02
7) Phenol-d6	6.36	99	789444	64.65	ng	-0.02
23) Nitrobenzene-d5	7.29	82	477248	48.40	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	121941	63.64	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	699445	46.54	ng	-0.02
78) Terphenyl-d14	12.83	244	458525	36.03	ng	-0.02
Target Compounds						Qvalue
48) Acenaphthylene	9.62	152	141177	6.042	ng	97
49) Dimethylphthalate	9.48	163	125495	7.774	ng	99
70) Phenanthrene	11.26	178	131521	6.859	ng	99
71) Anthracene	11.32	178	64943	3.339	ng	98
74) Fluoranthene	12.45	202	331708	16.573	ng	99
77) Pyrene	12.68	202	329001	15.159	ng	98
80) Benzo(a)anthracene	13.86	228	192745m	12.119	ng	
82) Chrysene	13.90	228	193807	12.250	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	124581	10.704	ng	# 90
87) Benzo(b)fluoranthene	14.89	252	298851m	23.852	ng	
88) Benzo(k)fluoranthene	14.92	252	78692m	6.685	ng	
89) Benzo(a)pyrene	15.24	252	196045	17.674	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	30591	3.388	ng	# 81
91) Benzo(g,h,i)perylene	17.08	276	121285	12.872	ng	94

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

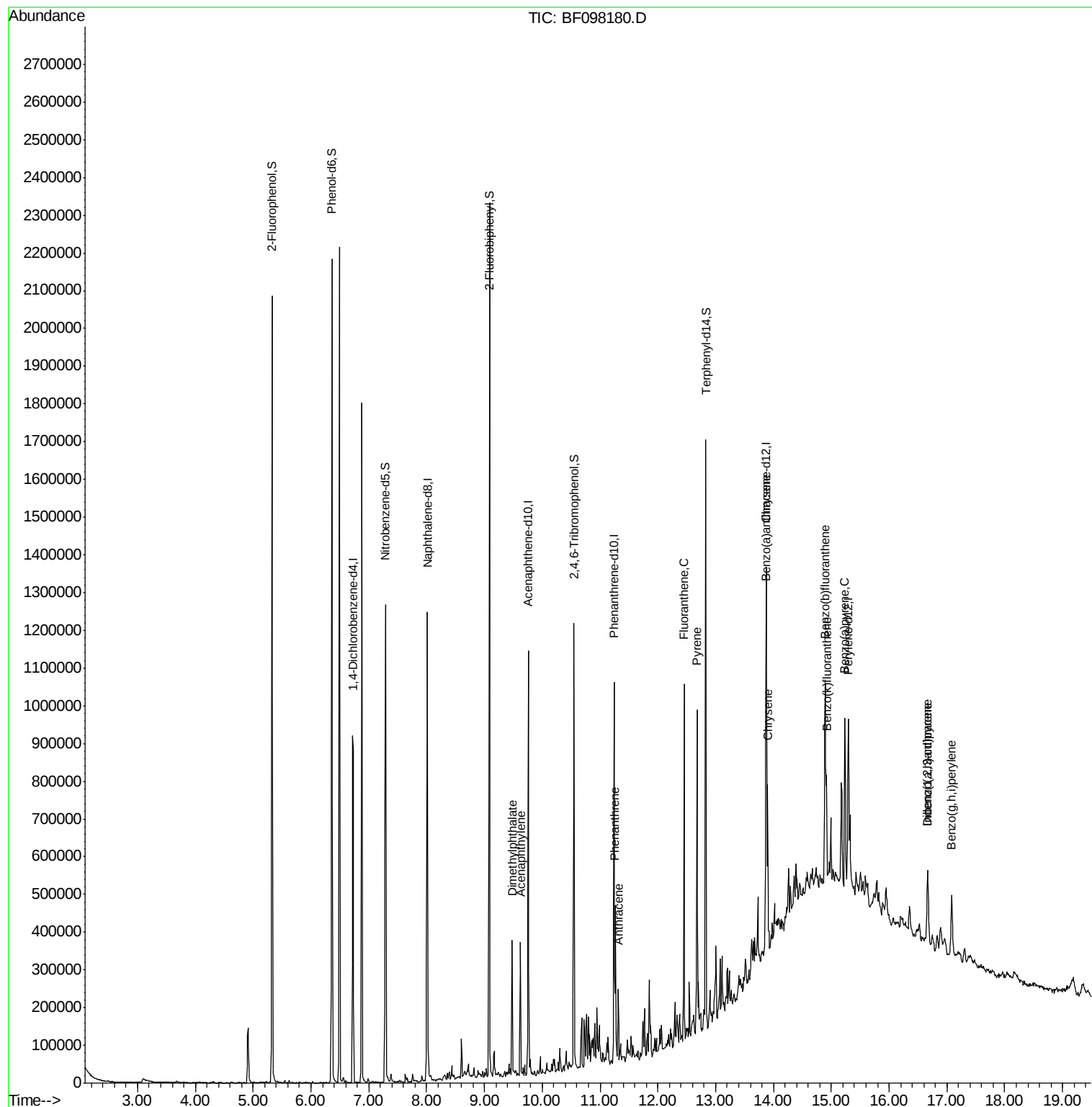
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

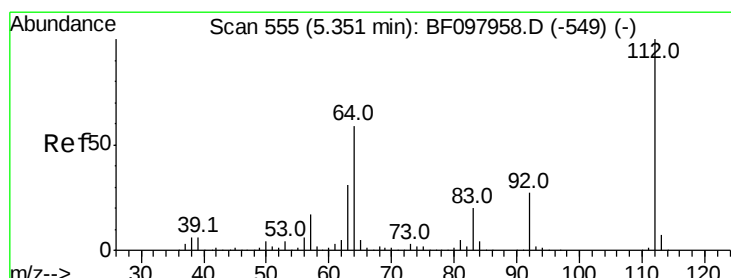
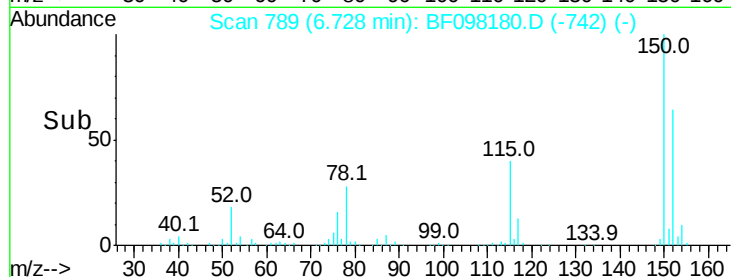
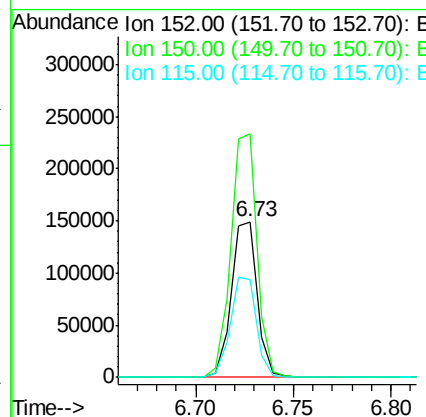
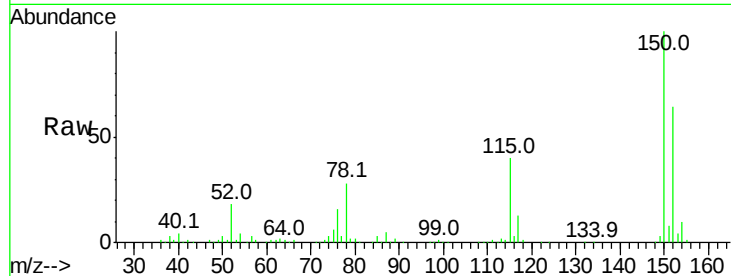
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	62.9	52.2	78.2

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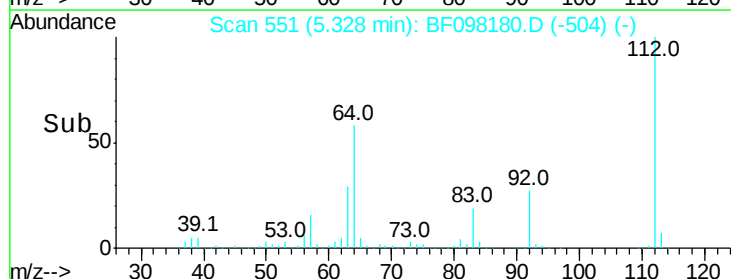
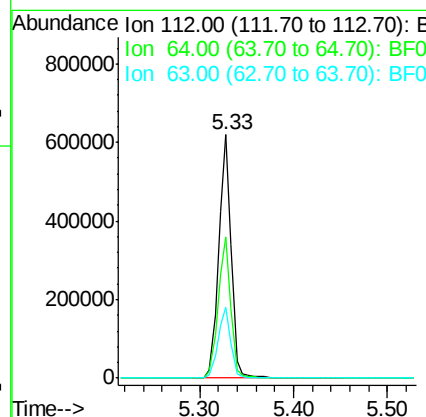
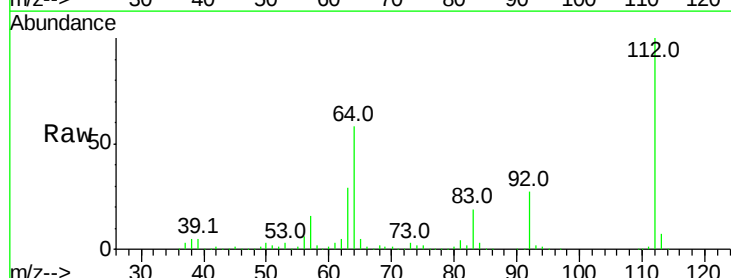
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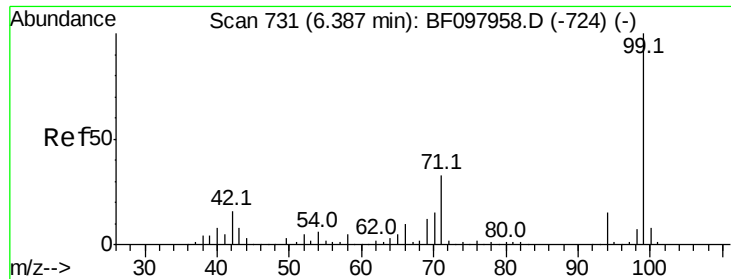


#5

2-Fluorophenol
Concen: 64.993 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.0	69.0
63	29.0	23.4	35.0





#7

Phenol-d6

Concen: 64.654 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098180.D

Acq: 31 Aug 2017 2:37

Instrument :

BNA_F

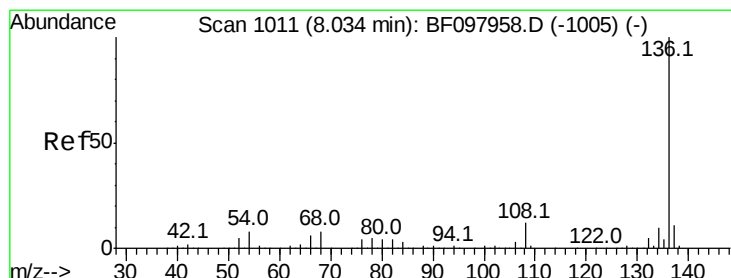
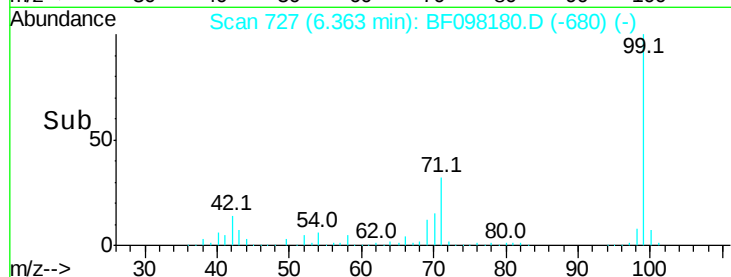
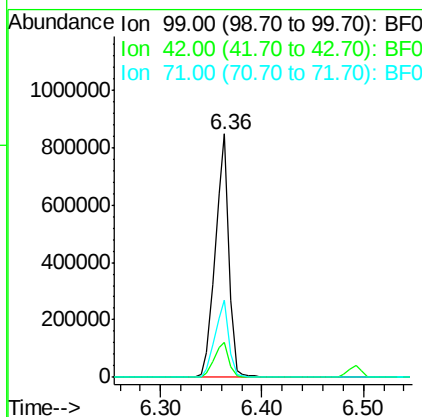
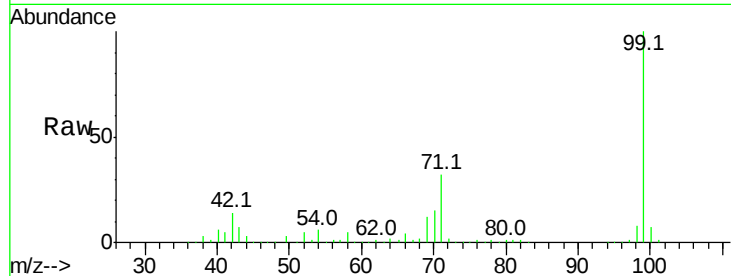
ClientSampleId :

CL-01-082917-C

Tot Ion:	99	Resp:	789444
Ion Ratio	Lower	Upper	
99	100		
42	14.4	13.5	20.3
71	31.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

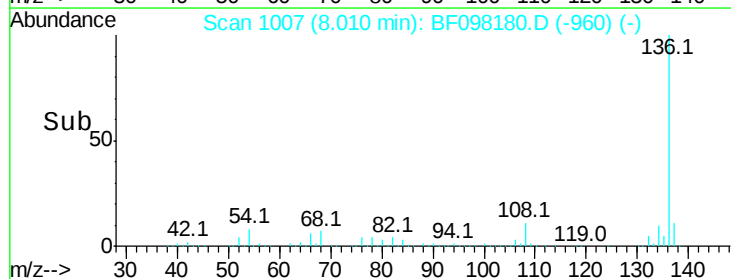
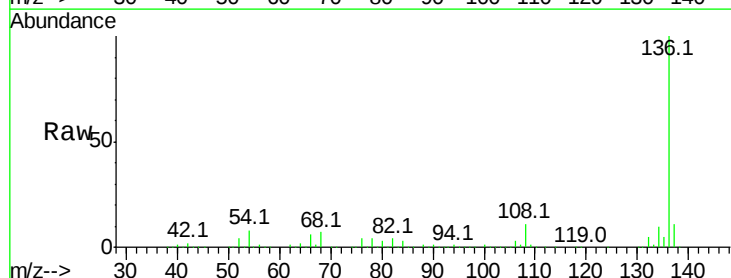
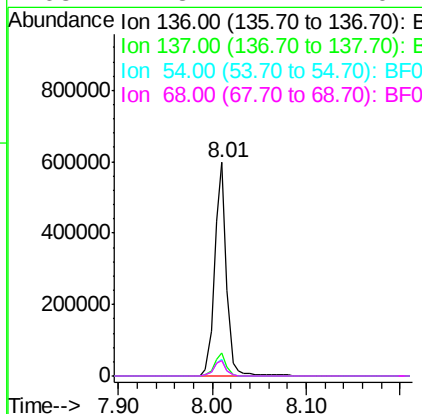
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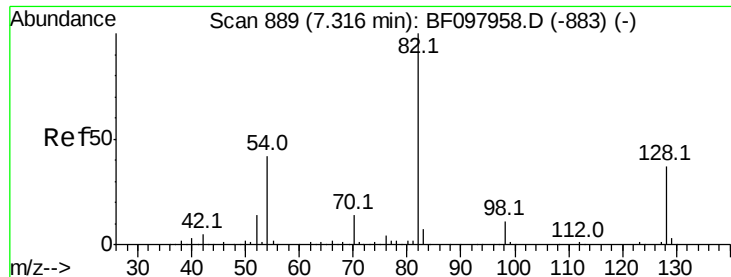
Delta R.T. -0.02 min

Lab File: BF098180.D

Acq: 31 Aug 2017 2:37

Tgt Ion:	136	Resp:	535621
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.6	4.9	7.3#
68	7.3	4.1	6.1#





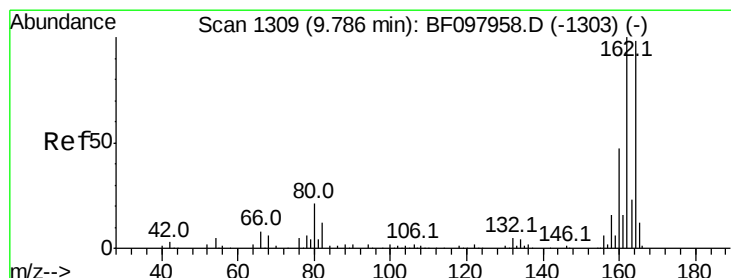
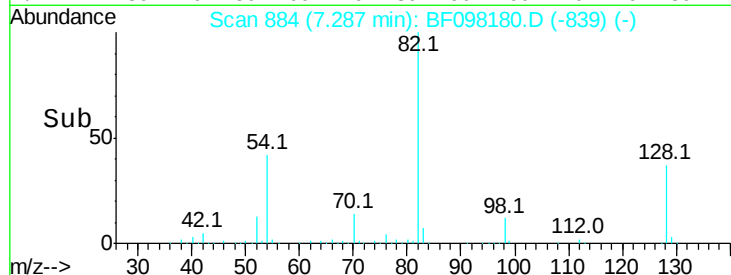
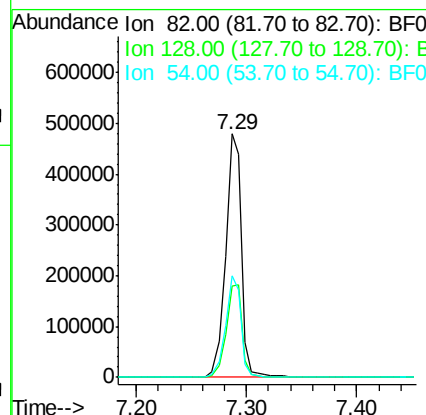
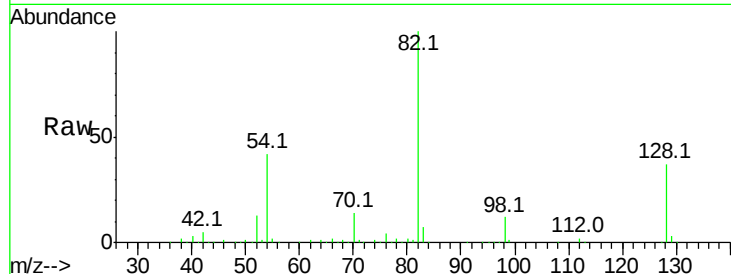
#23
 Nitrobenzene-d5
 Concen: 48.404 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098180.D
 Acq: 31 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082917-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.0	51.0
54	41.6	42.2	63.2#

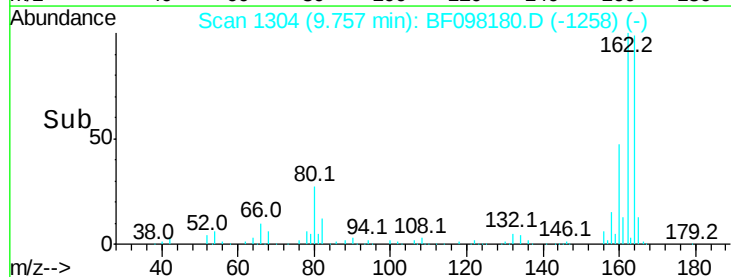
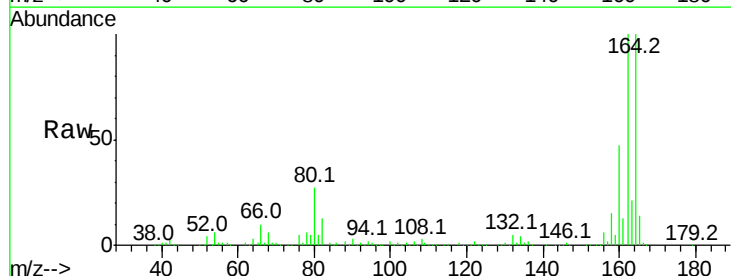
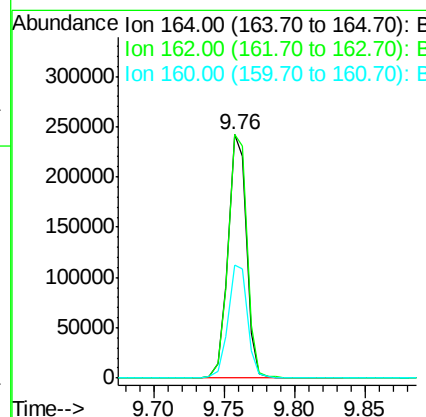
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098180.D
 Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.6	123.8
160	46.6	36.2	54.2





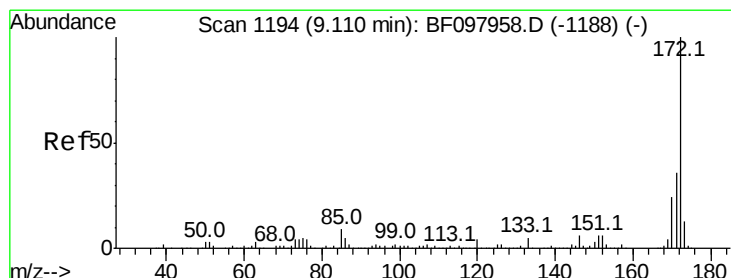
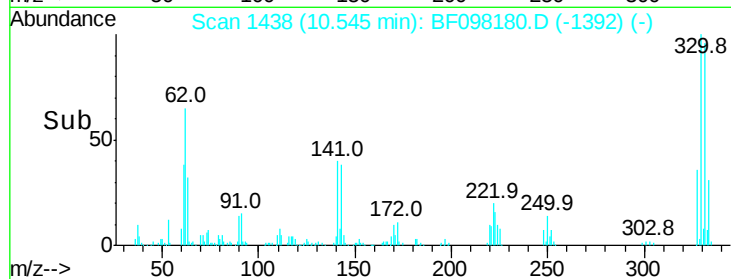
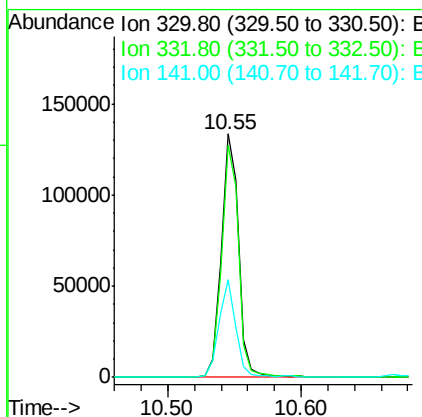
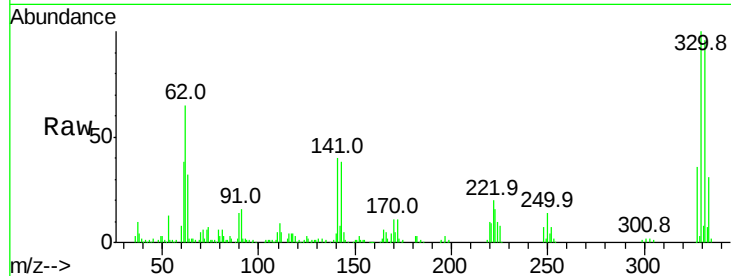
#41
 2,4,6-Tribromophenol
 Concen: 63.642 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098180.D
 Acq: 31 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampled :
 CL-01-082917-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	121941		
332	95.2	76.6	115.0	
141	41.7	31.4	47.2	

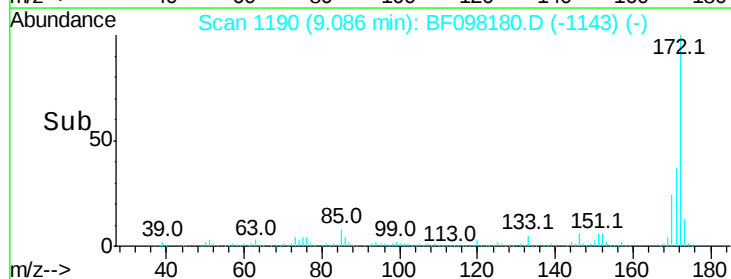
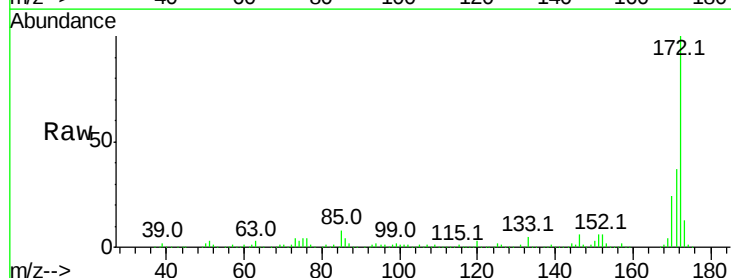
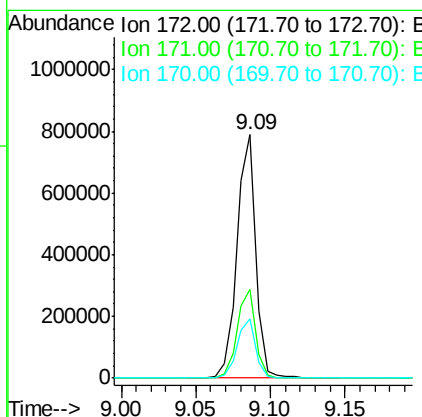
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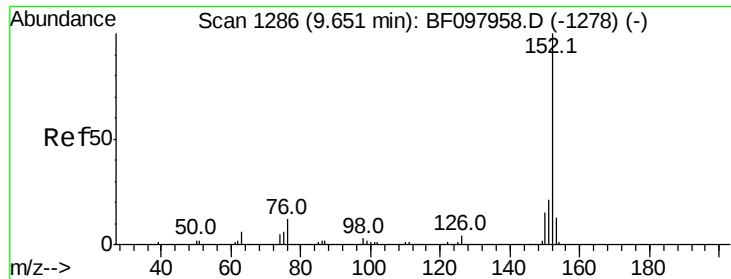
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#44
 2-Fluorobiphenyl
 Concen: 46.535 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098180.D
 Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	699445		
171	36.5	29.6	44.4	
170	24.3	19.8	29.8	





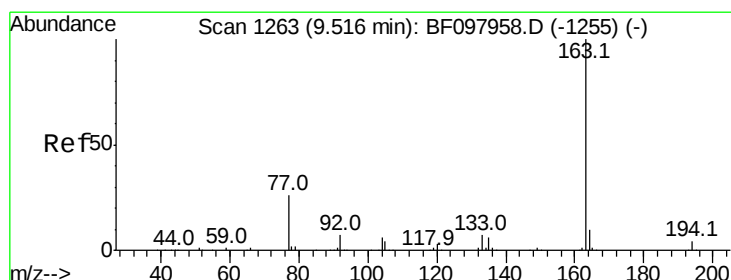
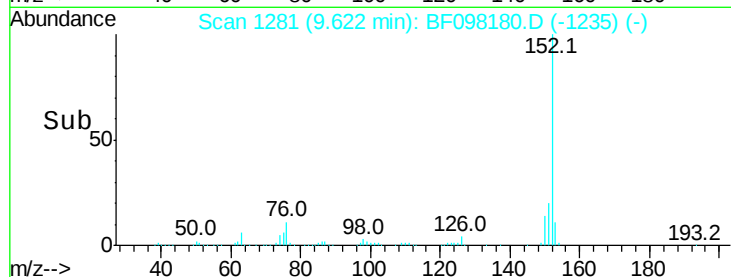
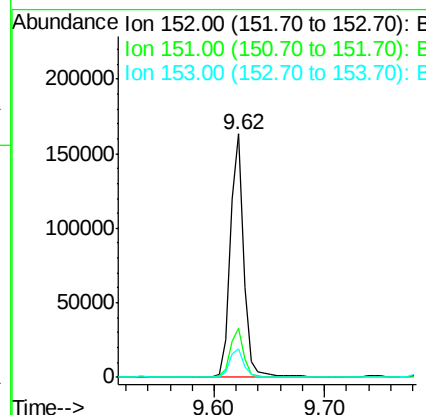
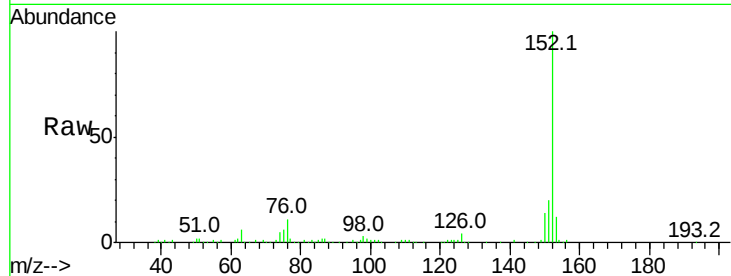
#48
Acenaphthylene
Concen: 6.042 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-C

Tot Ion	Ratio	Resp	Lower	Upper
152	100	141177		
151	20.1	16.8	25.2	
153	11.7	10.8	16.2	

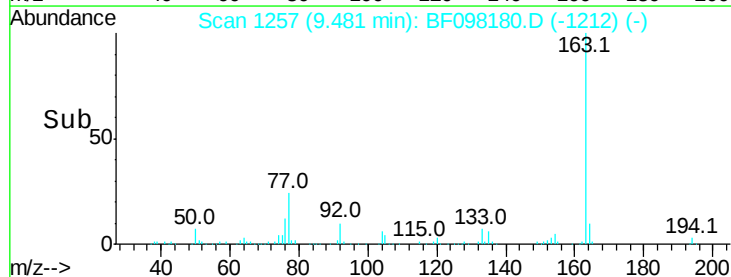
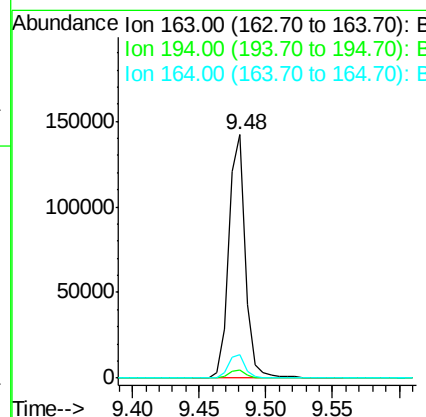
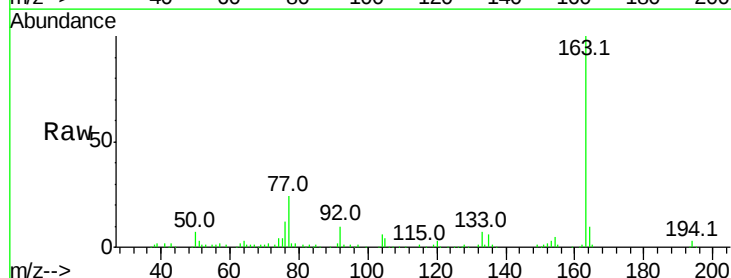
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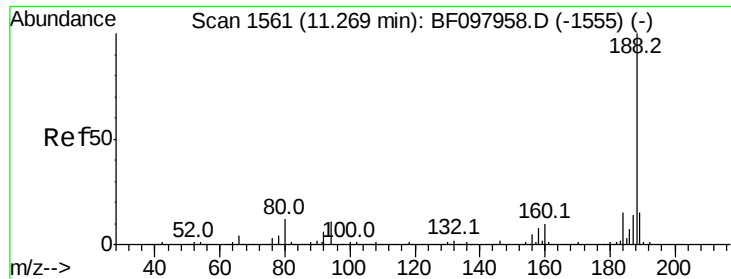
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#49
Dimethylphthalate
Concen: 7.774 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	125495		
194	3.3	2.6	4.0	
164	9.8	8.4	12.6	





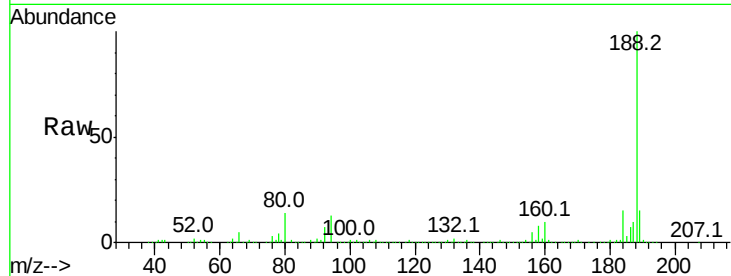
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-C

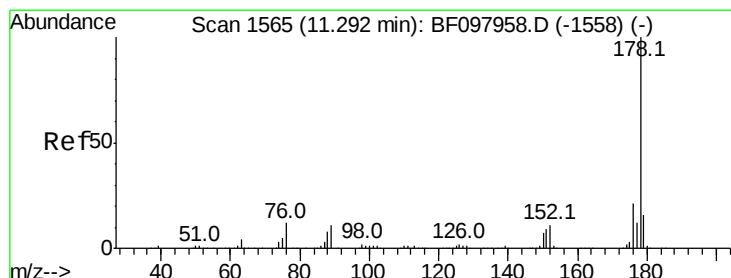
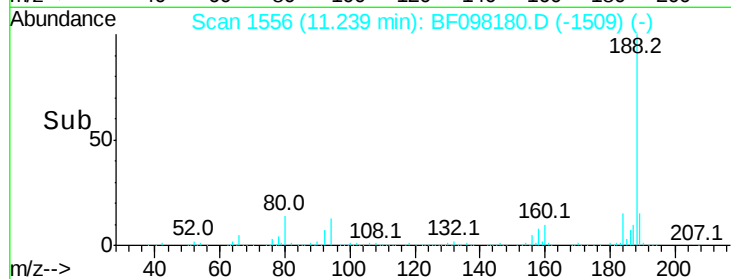
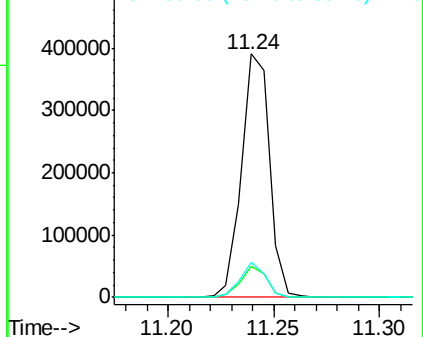
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.9	9.4	14.2
80	14.2	10.2	15.2

Manual Integrations
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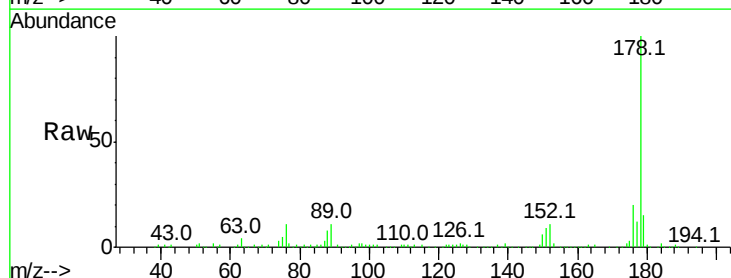


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

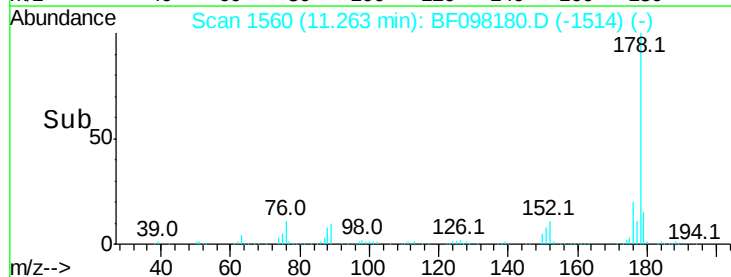
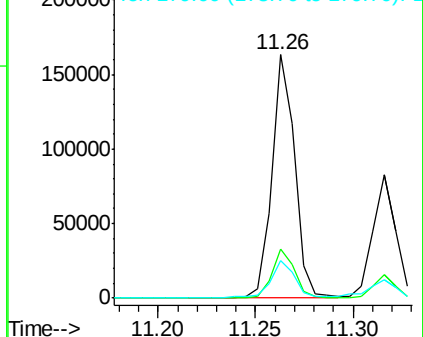


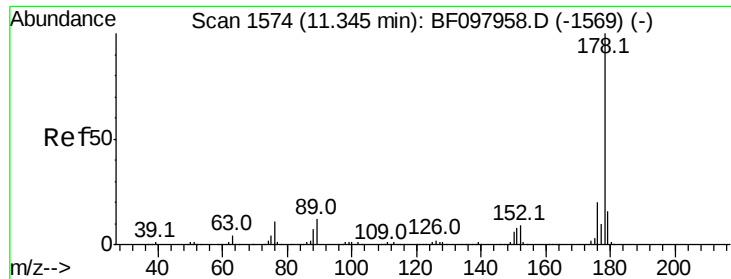
#70
Phenanthrene
Concen: 6.859 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.03 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.1	16.2	24.4
179	15.4	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





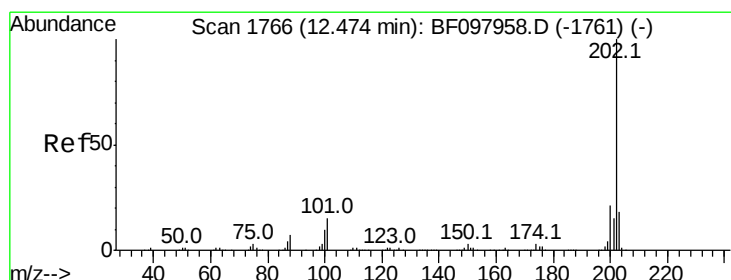
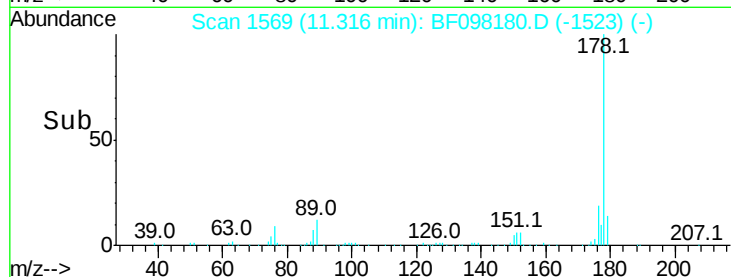
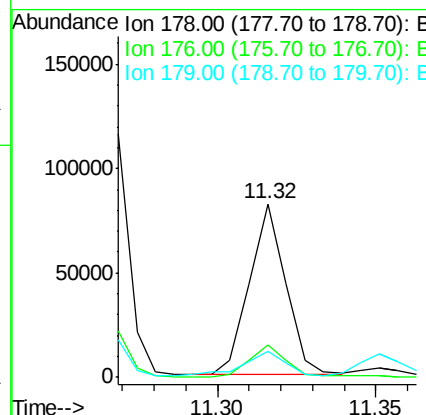
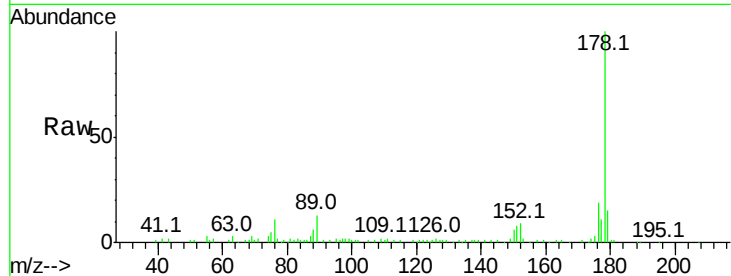
#71
 Anthracene
 Concen: 3.339 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF098180.D
 Acq: 31 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082917-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.9	12.7	19.1

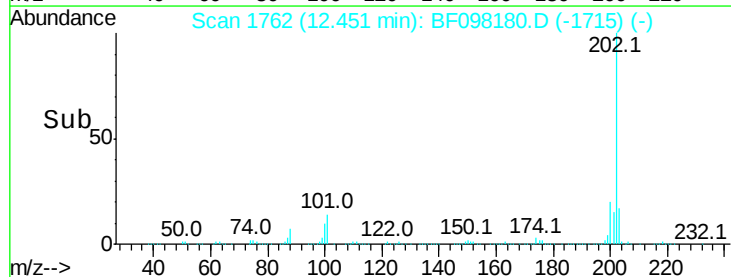
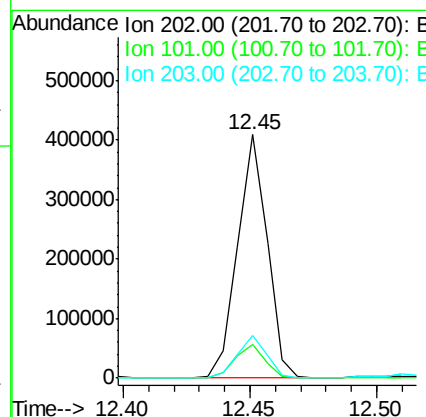
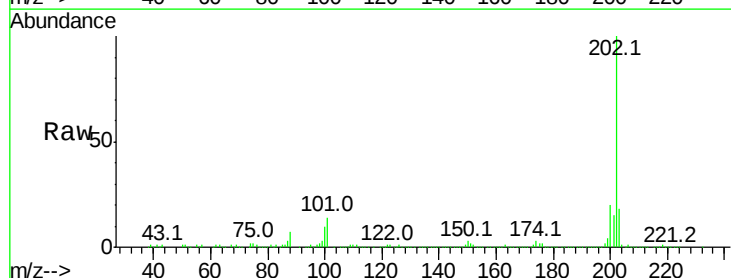
Manual Integrations
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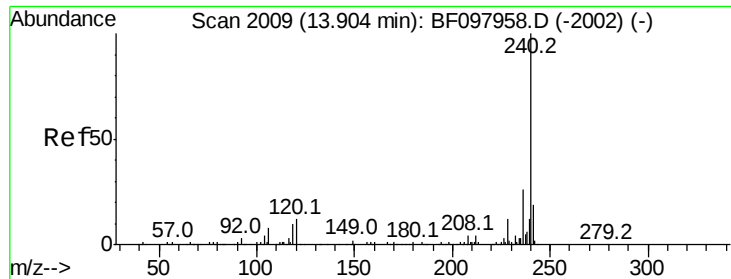
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#74
 Fluoranthene
 Concen: 16.573 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.02 min
 Lab File: BF098180.D
 Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098180.D

Acq: 31 Aug 2017 2:37

Instrument :

BNA_F

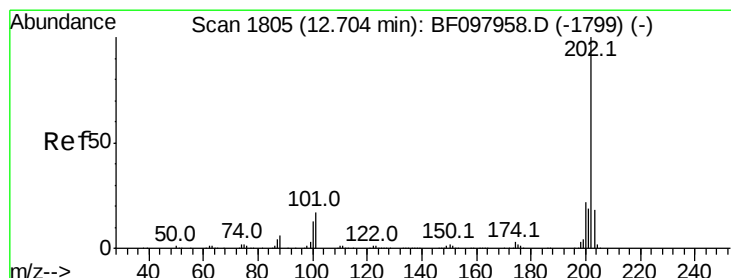
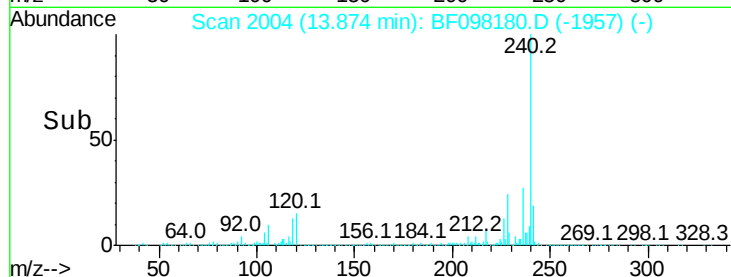
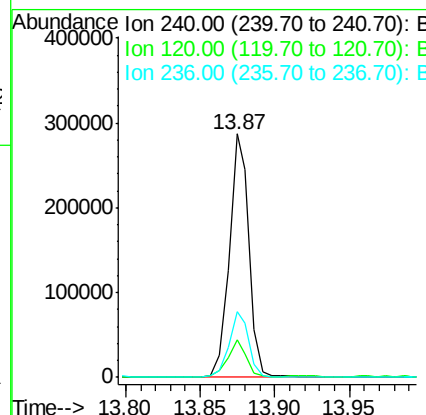
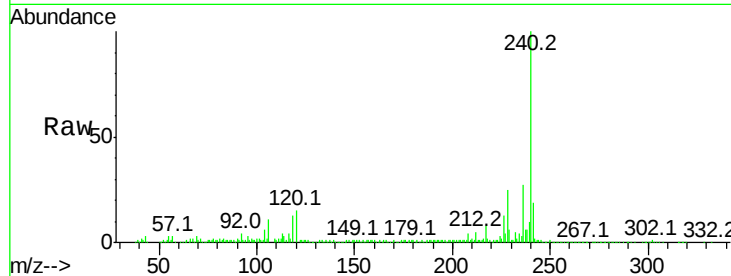
ClientSampleId :

CL-01-082917-C

Tot Ion:	240	Resp:	265368
Ion Ratio	Lower	Upper	
240	100		
120	15.3	5.8	8.8#
236	26.8	20.5	30.7

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#77

Pyrene

Concen: 15.159 ng

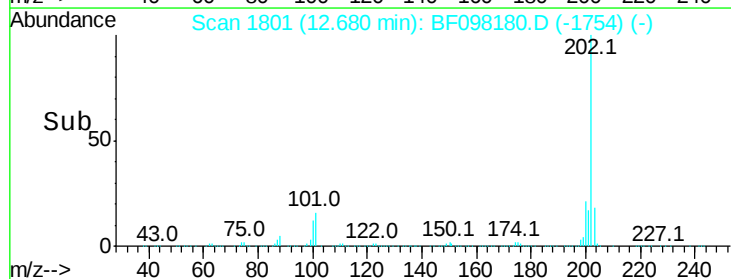
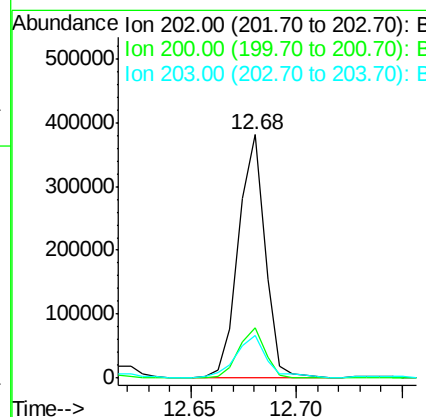
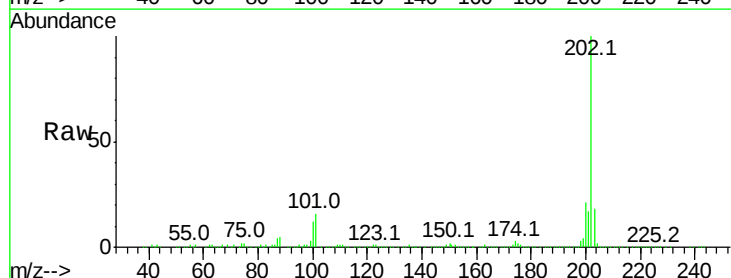
RT: 12.68 min Scan# 1801

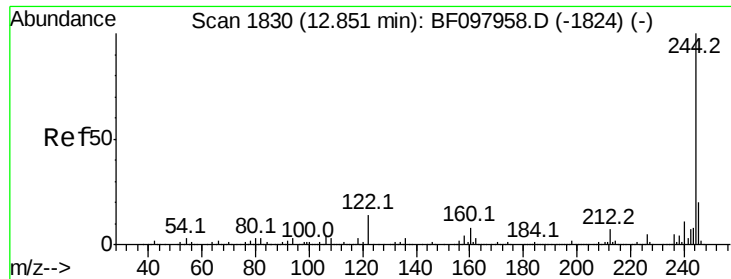
Delta R.T. -0.02 min

Lab File: BF098180.D

Acq: 31 Aug 2017 2:37

Tgt Ion:	202	Resp:	329001
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	17.8	14.4	21.6





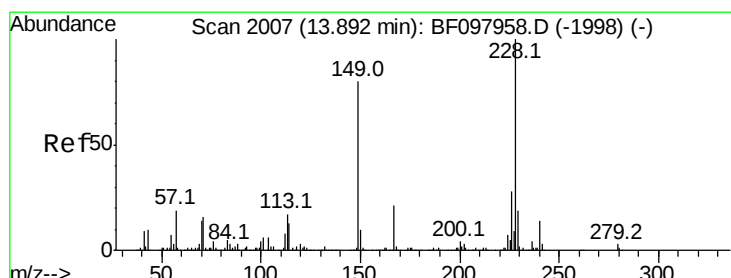
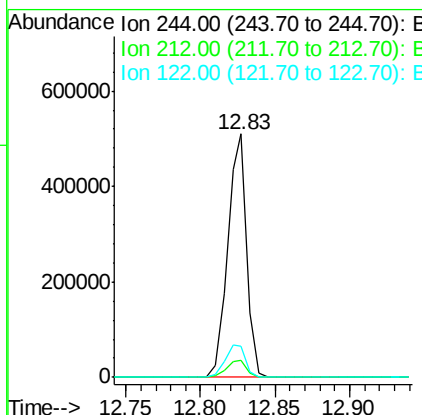
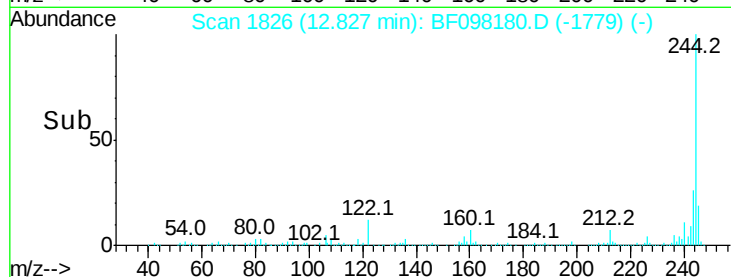
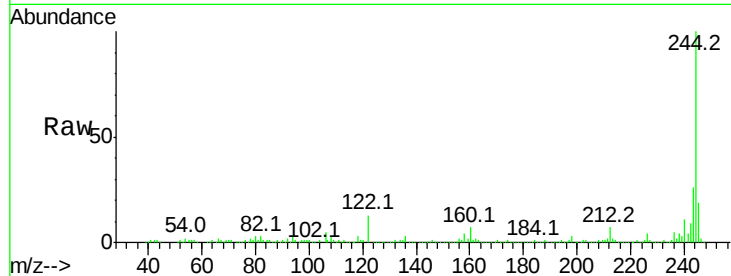
#78
 Terphenyl-d14
 Concen: 36.032 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF098180.D
 Acq: 31 Aug 2017 2:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-082917-C

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.3	6.0	9.0
122	12.5	10.3	15.5

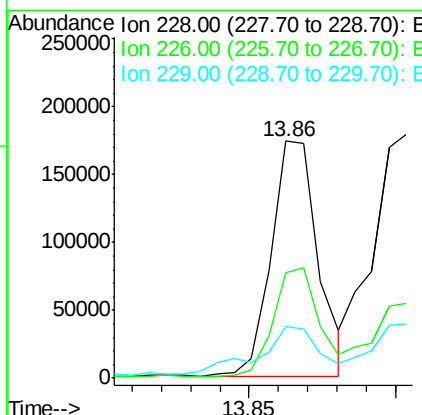
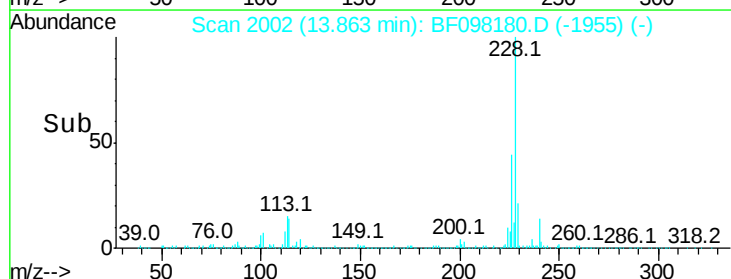
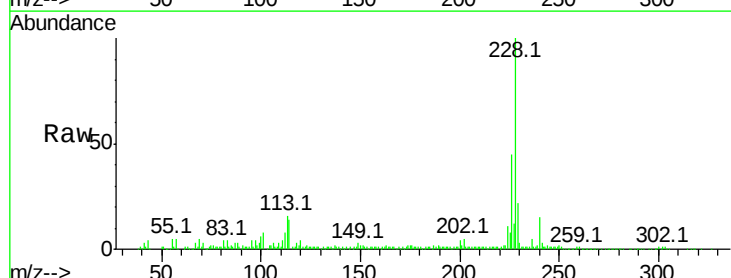
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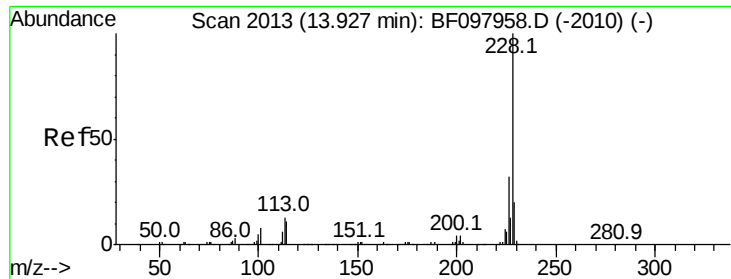
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#80
 Benzo(a)anthracene
 Concen: 12.119 ng m
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF098180.D
 Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	44.6	22.6	33.8#
229	21.9	16.3	24.5





#82

Chrysene

Concen: 12.250 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BF098180.D

Acq: 31 Aug 2017 2:37

Instrument :

BNA_F

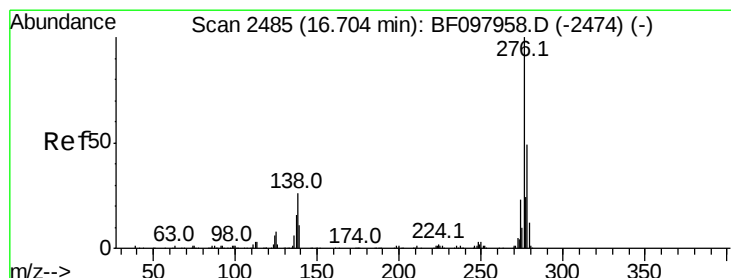
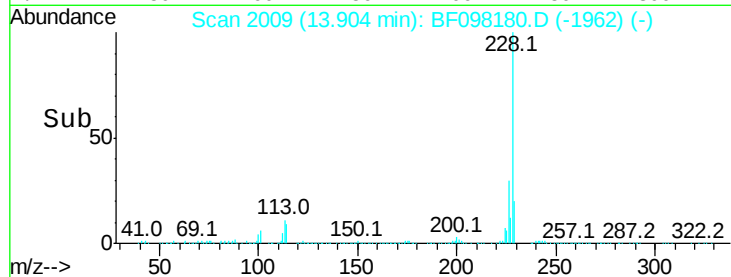
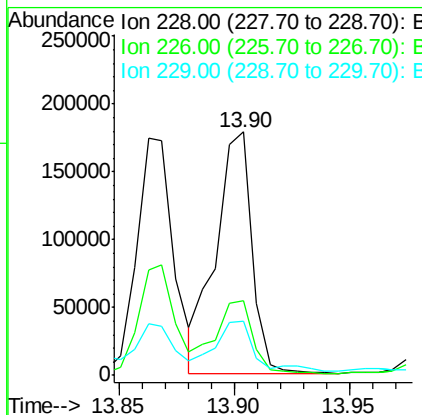
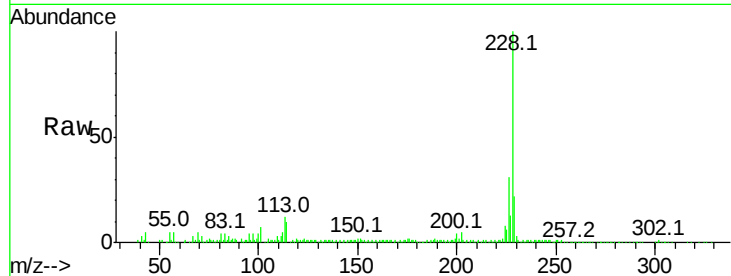
ClientSampleId :

CL-01-082917-C

Tot Ion	Ratio	Resp	Lower	Upper
228	100	193807		
226	30.9	24.9	37.3	
229	22.3	15.8	23.6	

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#85

Indeno(1,2,3-cd)pyrene

Concen: 10.704 ng

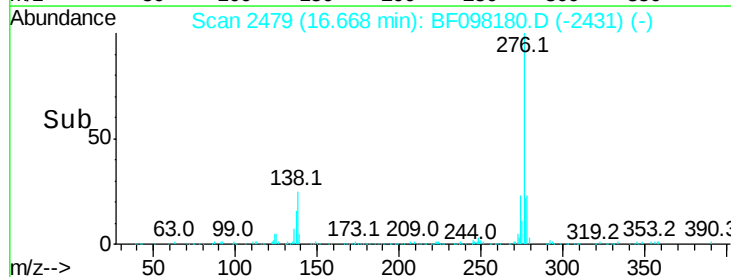
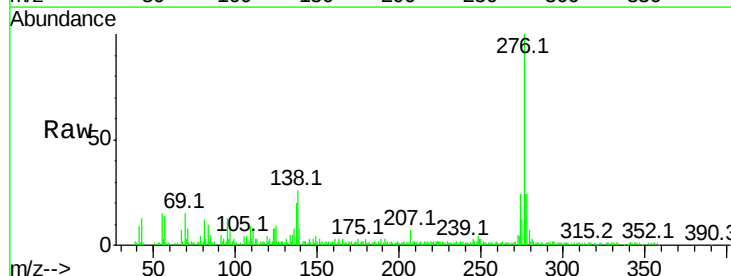
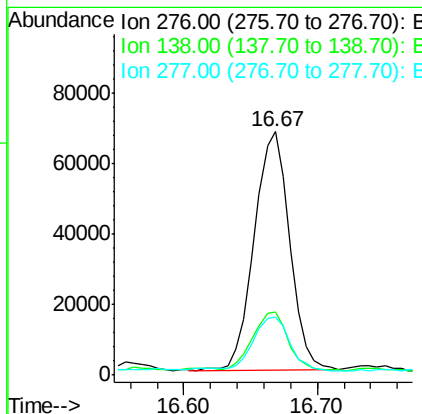
RT: 16.67 min Scan# 2479

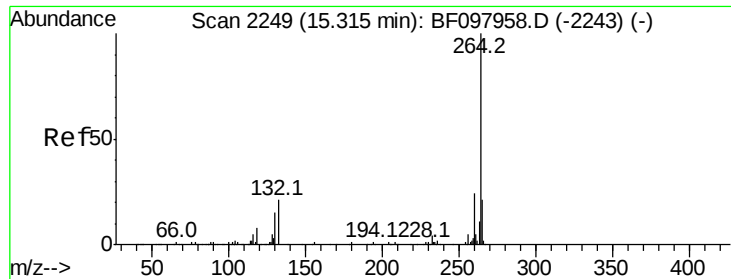
Delta R.T. -0.02 min

Lab File: BF098180.D

Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	124581		
138	24.6	27.8	41.6#	
277	25.1	20.2	30.4	





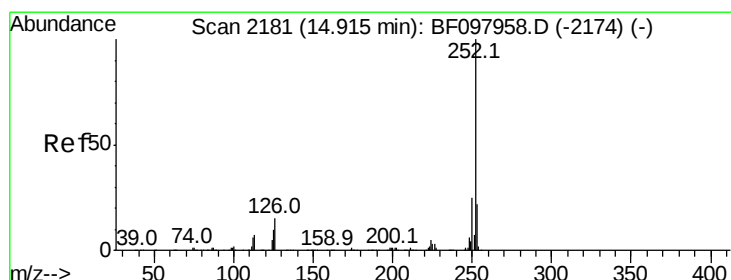
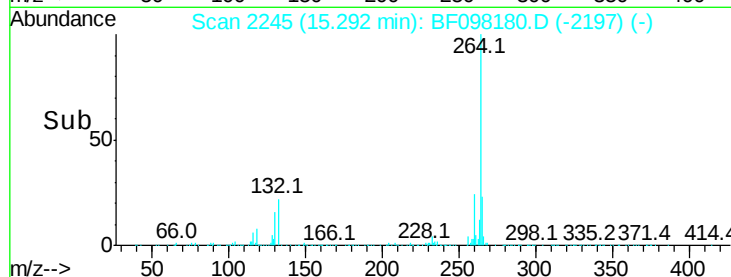
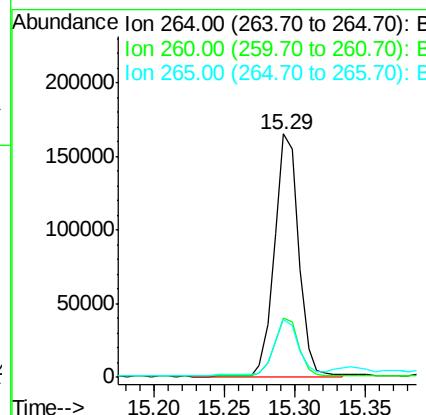
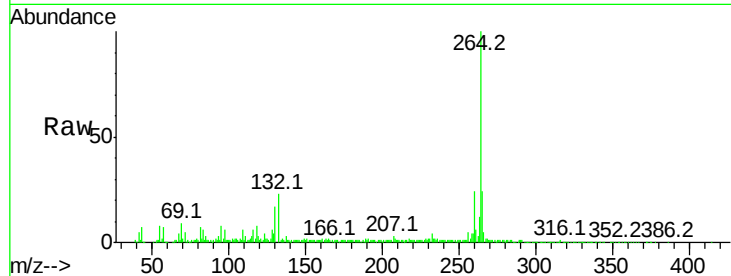
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.8	17.2	25.8

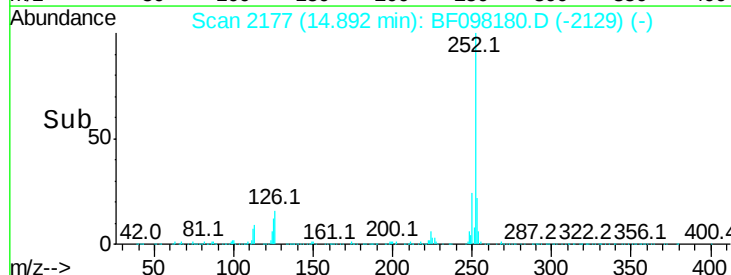
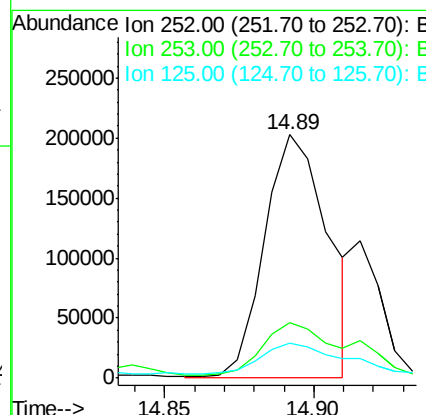
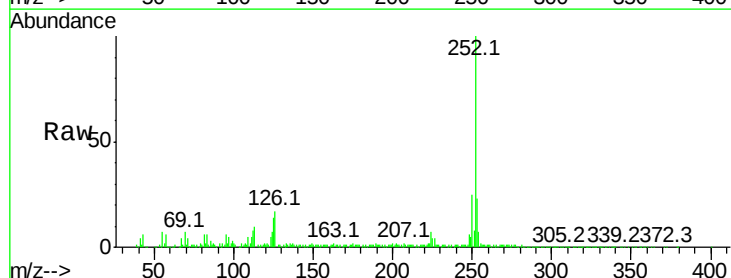
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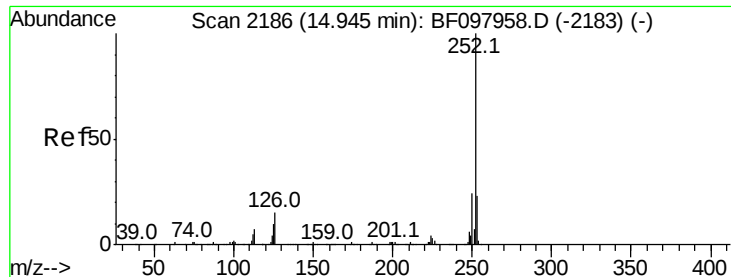
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#87
Benzo(b)fluoranthene
Concen: 23.852 ng m
RT: 14.89 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	14.3	9.8	14.8





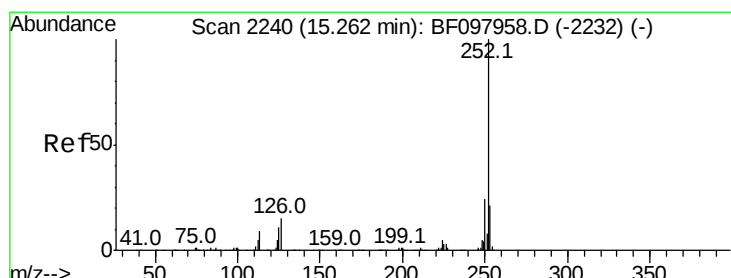
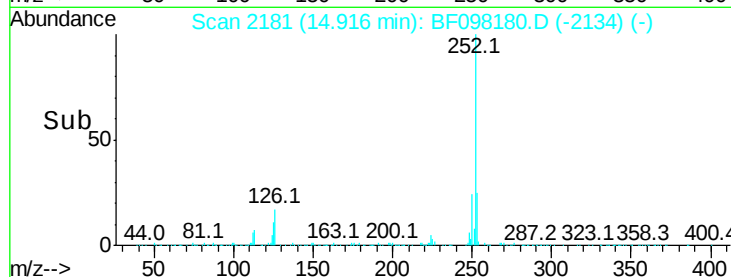
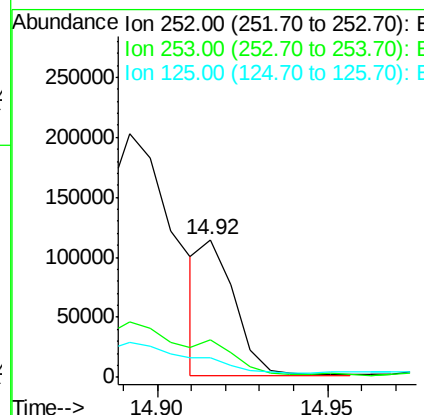
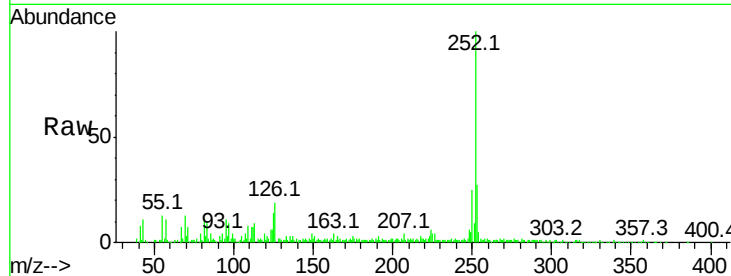
#88
Benzo(k)fluoranthene
Concen: 6.685 ng m
RT: 14.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.4	27.6
125	13.9	13.1	19.7

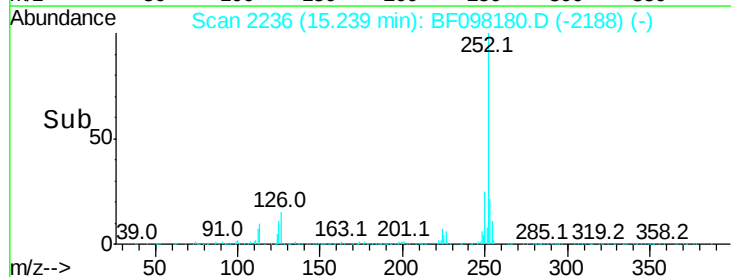
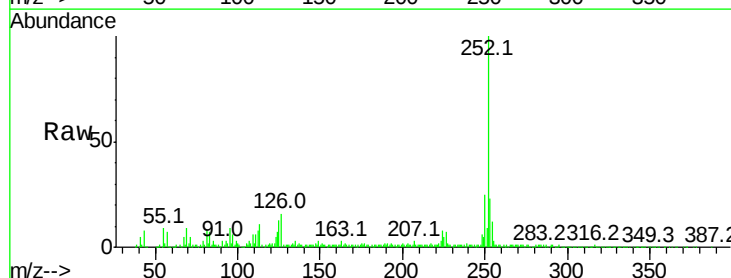
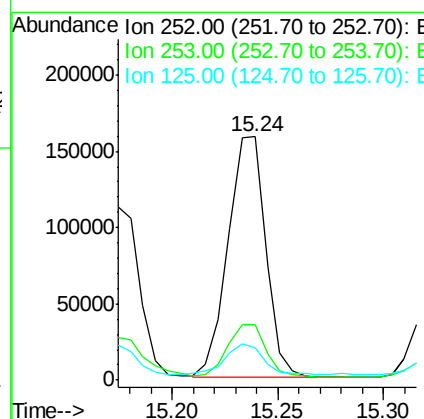
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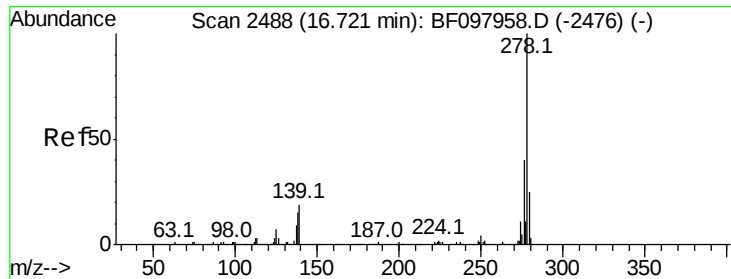
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#89
Benzo(a)pyrene
Concen: 17.674 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	13.4	11.0	16.4





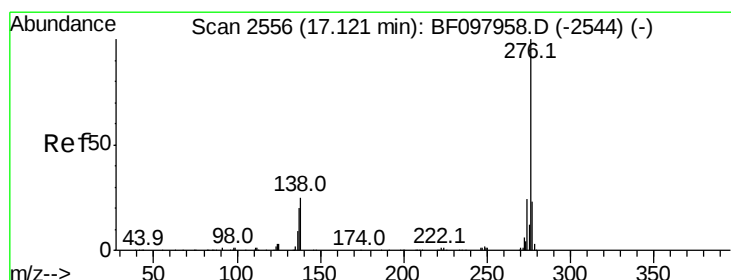
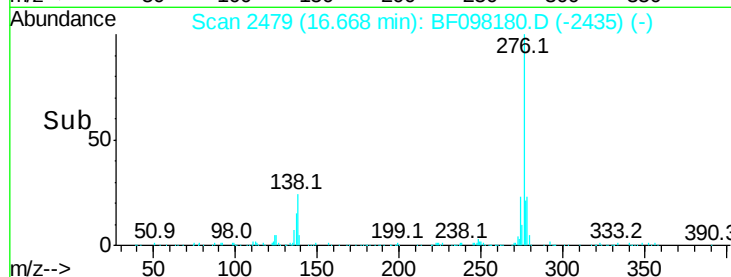
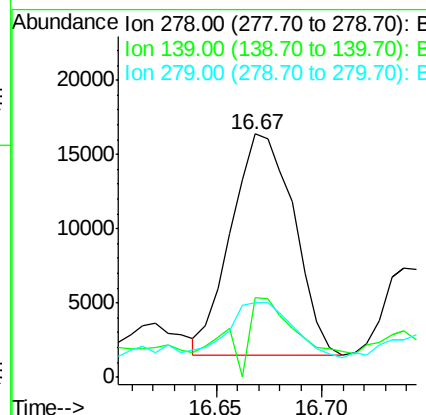
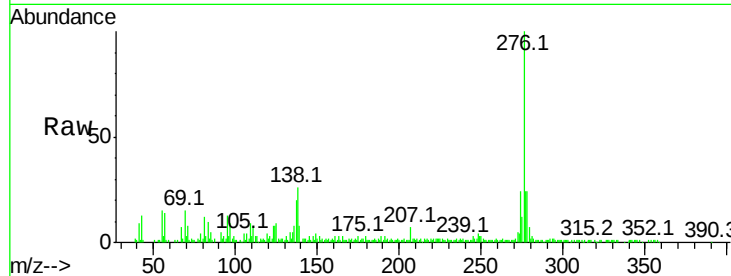
#90
Dibenzo(a,h)anthracene
Concen: 3.388 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.04 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Instrument :
BNA_F
ClientSampleId :
CL-01-082917-C

Tot Ion	Ratio	Lower	Upper
278	100		
139	32.6	16.6	24.8#
279	30.8	19.3	28.9#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 12.872 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.03 min
Lab File: BF098180.D
Acq: 31 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	28.0
138	27.7	25.4	38.0

