

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098217.D
 Acq On : 1 Sep 2017 10:56
 Operator : SJ/JU
 Sample : I5019-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STAGE2-TEST-PIT-A-B-C

Manual Integrations
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mohammad
 9/5/2017 5:21:42 PM

Quant Time: Sep 01 13:10:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 12:59:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114217	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	458163	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	204243	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	361242	20.00	ng	0.00
75) Chrysene-d12	13.87	240	242025	20.00	ng	0.00
86) Perylene-d12	15.29	264	230964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	942203	125.48	ng	0.00
7) Phenol-d6	6.37	99	1312797	128.67	ng	0.00
23) Nitrobenzene-d5	7.29	82	838537	99.43	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	232399	131.14	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1206862	86.81	ng	0.00
78) Terphenyl-d14	12.82	244	833842	71.85	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.02	128	61992	2.606	ng	99
37) 2-Methylnaphthalene	8.72	142	37396	2.564	ng	97
49) Dimethylphthalate	9.47	163	204493	13.697	ng	99
70) Phenanthrene	11.26	178	89046	4.626	ng	99
74) Fluoranthene	12.45	202	97178	4.837	ng	99
77) Pyrene	12.67	202	103109	5.209	ng	97
80) Benzo(a)anthracene	13.86	228	47127m	3.249	ng	
82) Chrysene	13.89	228	77808	5.392	ng	97
85) Indeno(1,2,3-cd)pyrene	16.65	276	36223	3.412	ng	96
87) Benzo(b)fluoranthene	14.88	252	102640m	7.050	ng	
88) Benzo(k)fluoranthene	14.90	252	27758m	2.029	ng	
89) Benzo(a)pyrene	15.22	252	49556	3.845	ng	# 95
91) Benzo(a,h,i)perylene	17.06	276	34411	3.143	ng	94

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

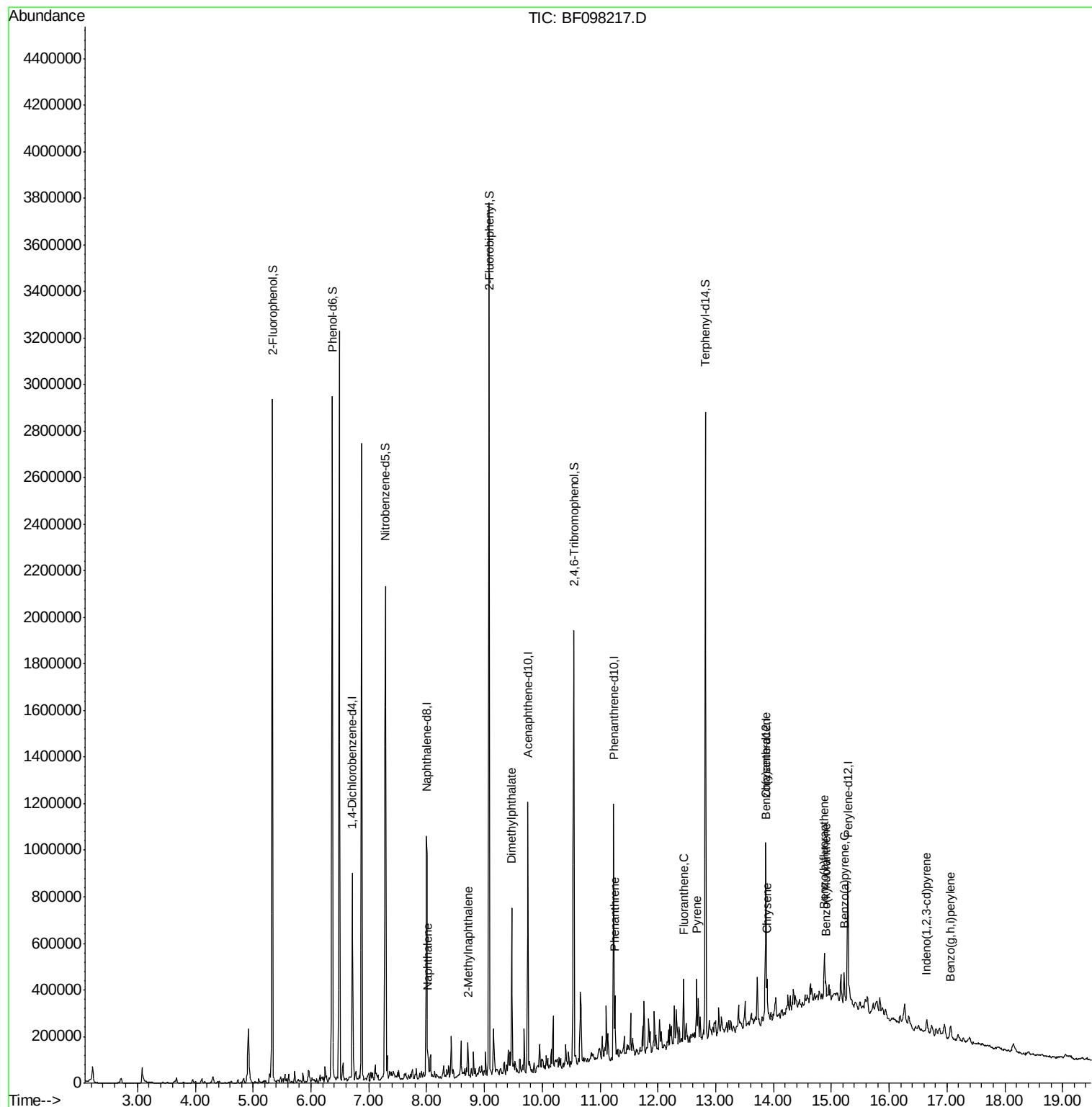
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098217.D
Acq On : 1 Sep 2017 10:56
Operator : SJ/JU
Sample : I5019-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

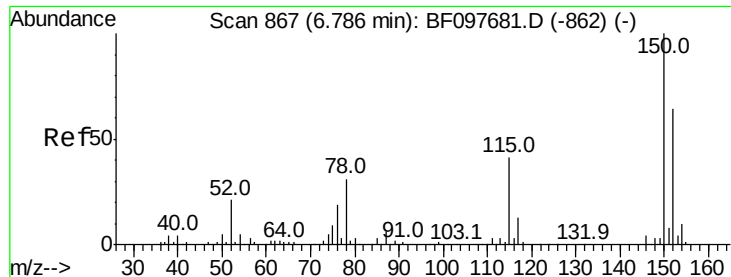
Instrument :
BNA_F
ClientSampleId :
STAGE2-TEST-PIT-A-B-C

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Quant Time: Sep 01 13:10:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

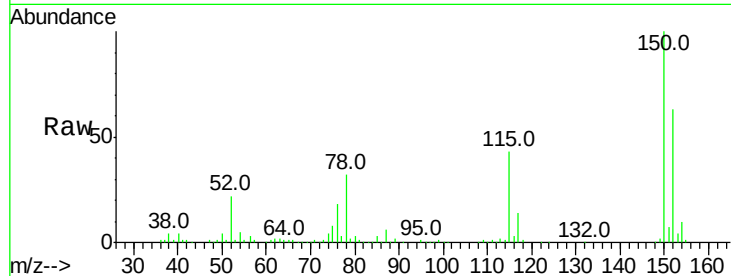
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Instrument :
BNA_F
ClientSampleId :
STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	68.5	52.2	78.2

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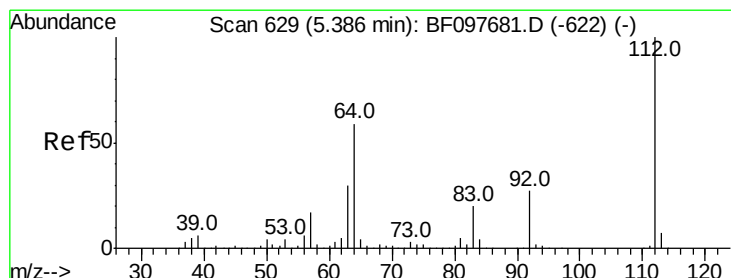
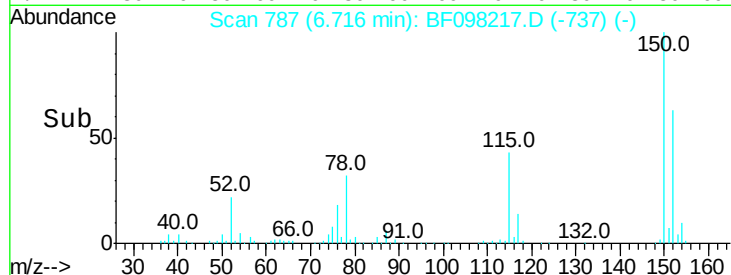
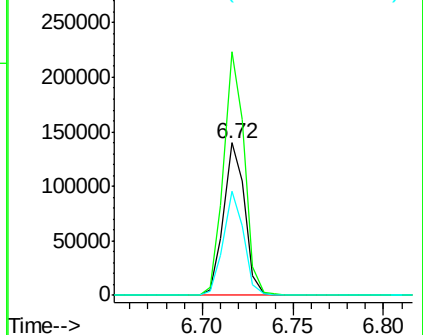


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

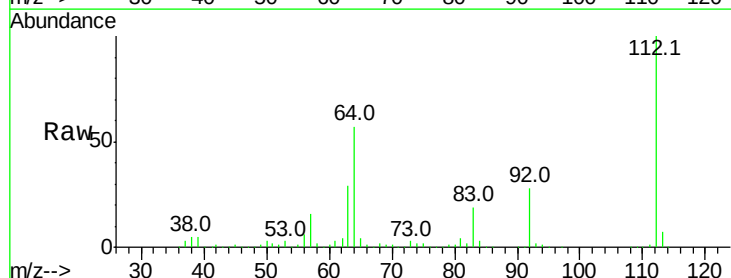
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.477 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	46.0	69.0
63	28.5	23.4	35.0

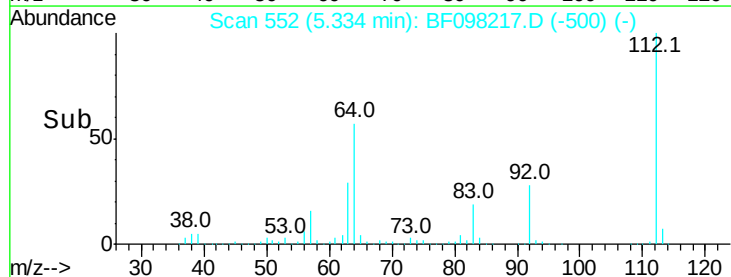
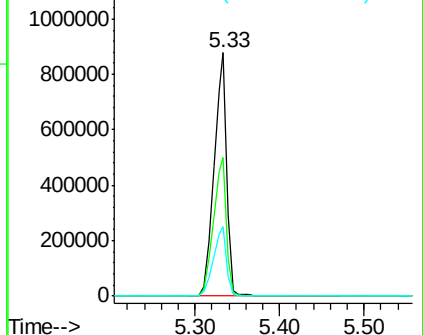


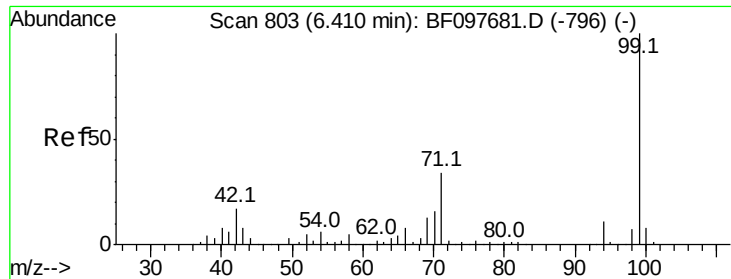
Abundance

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: 128.674 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF098217.D

Acq: 1 Sep 2017 10:56

Instrument :

BNA_F

ClientSampleId :

STAGE2-TEST-PIT-A-B-C

Tot Ion: 99 Resp: 1312797

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

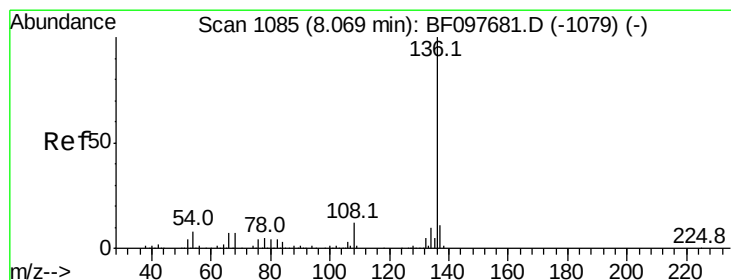
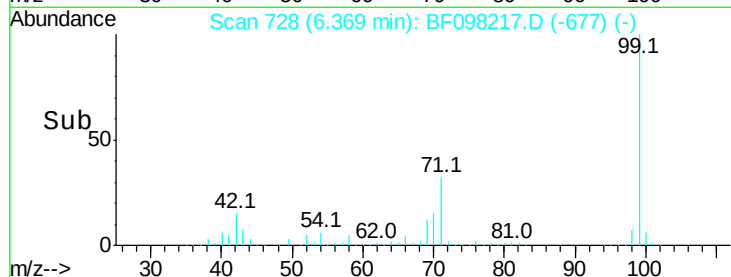
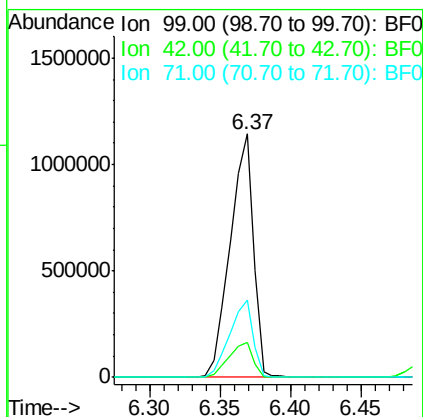
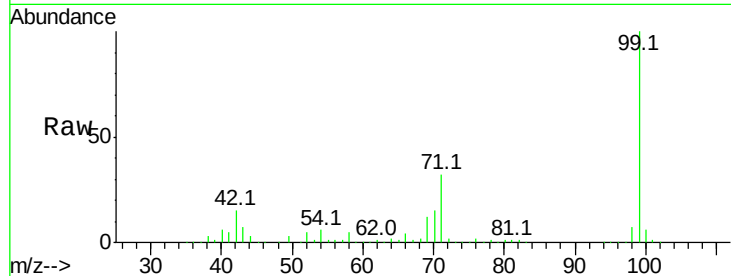
71 32.0 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF098217.D

Acq: 1 Sep 2017 10:56

Tgt Ion: 136 Resp: 458163

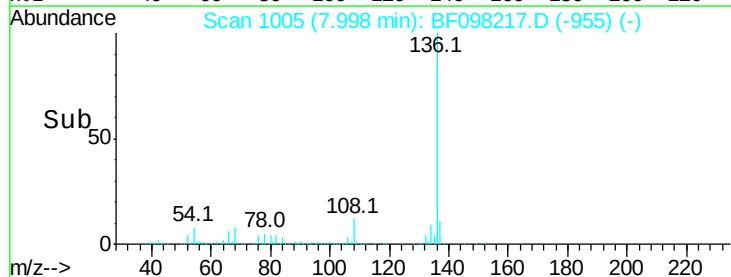
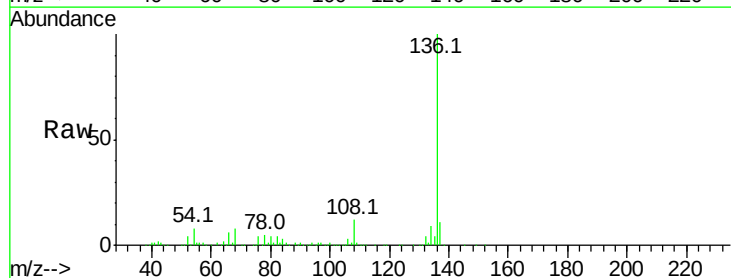
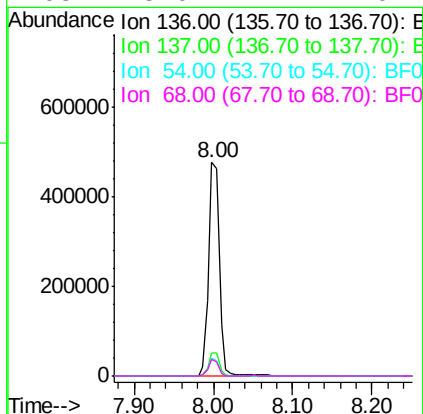
Ion Ratio Lower Upper

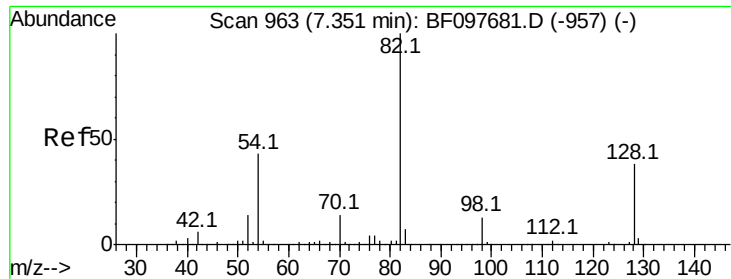
136 100

137 10.6 8.5 12.7

54 8.3 4.9 7.3#

68 8.0 4.1 6.1#





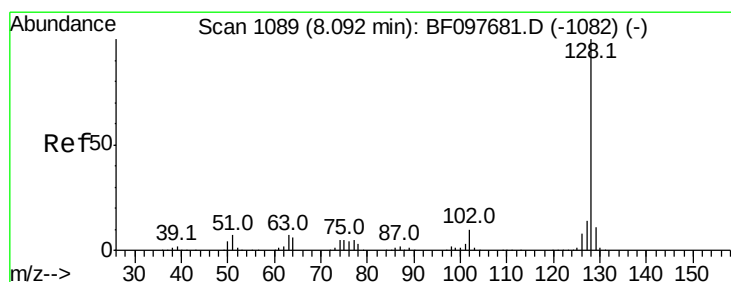
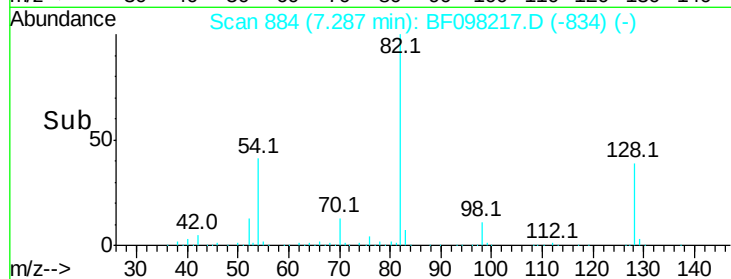
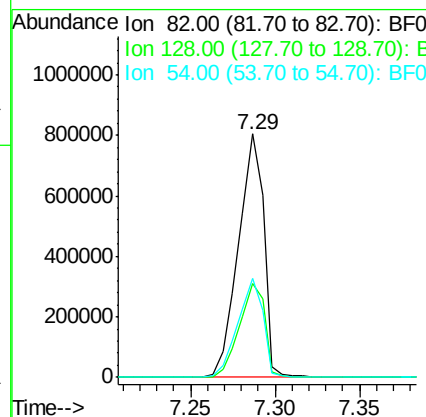
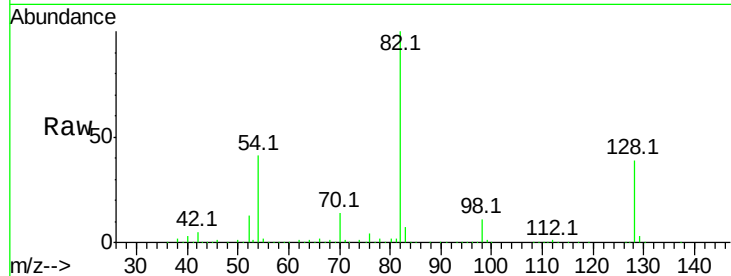
#23
 Nitrobenzene-d5
 Concen: 99.426 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF098217.D
 Acq: 1 Sep 2017 10:56

Instrument :
 BNA_F
 ClientSampleId :
 STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.6	34.0	51.0	
54	40.5	42.2	63.2	

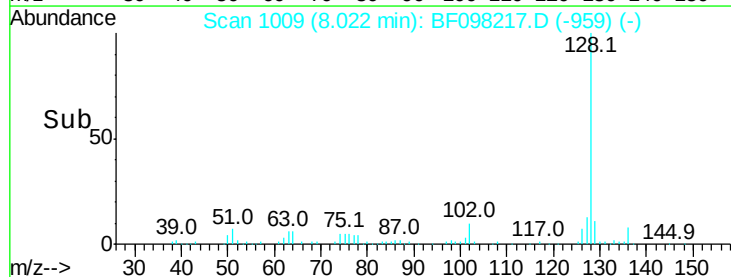
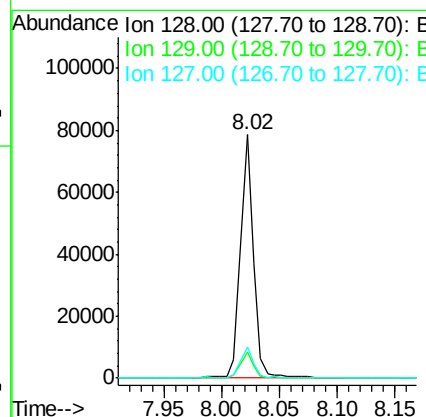
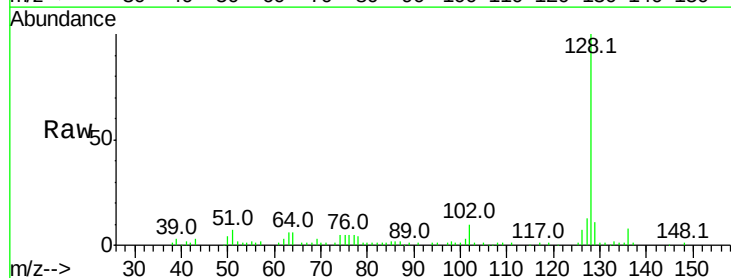
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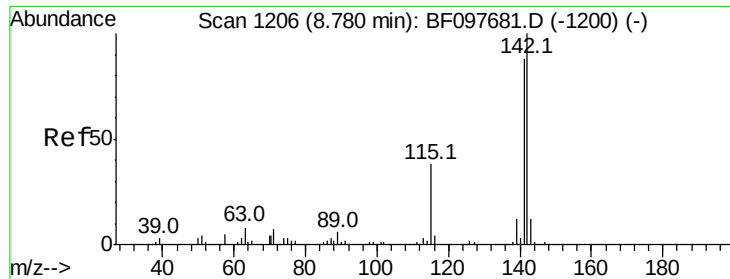
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#31
 Naphthalene
 Concen: 2.606 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF098217.D
 Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.0	13.6	
127	12.8	10.8	16.2	





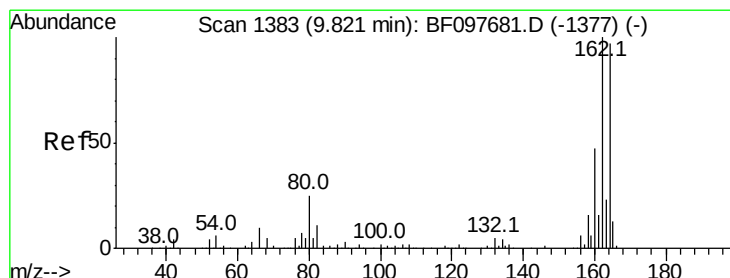
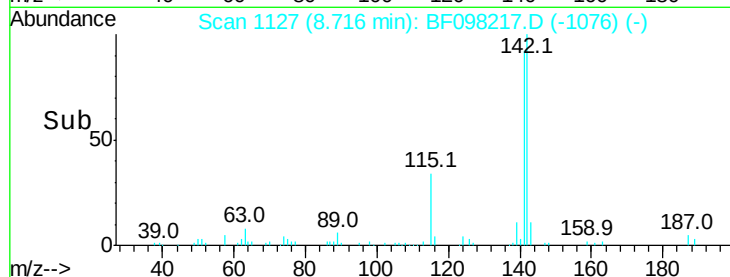
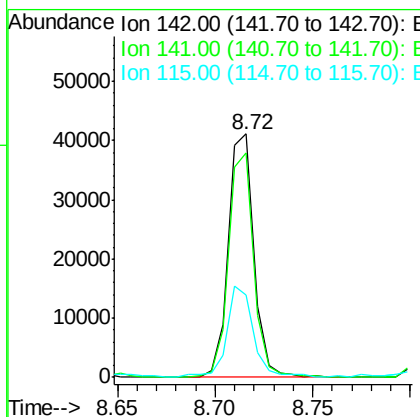
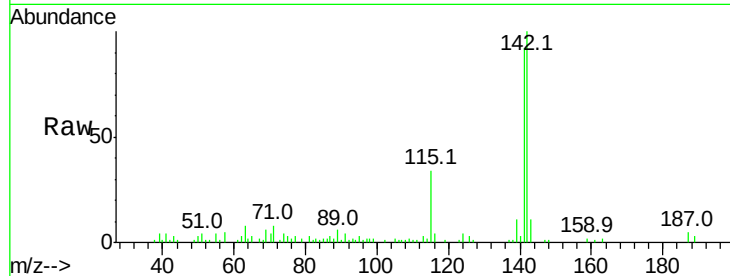
#37
 2-Methylnaphthalene
 Concen: 2.564 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF098217.D
 Acq: 1 Sep 2017 10:56

Instrument :
 BNA_F
 ClientSampleId :
 STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.3	106.9
115	33.8	27.1	40.7

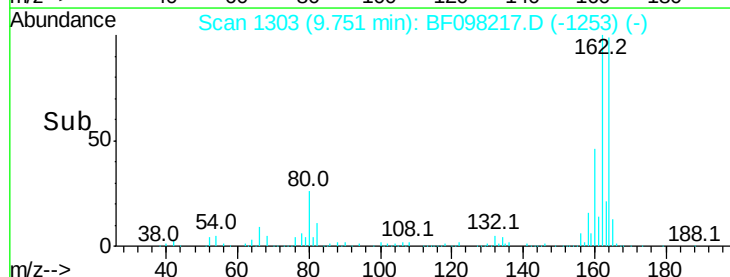
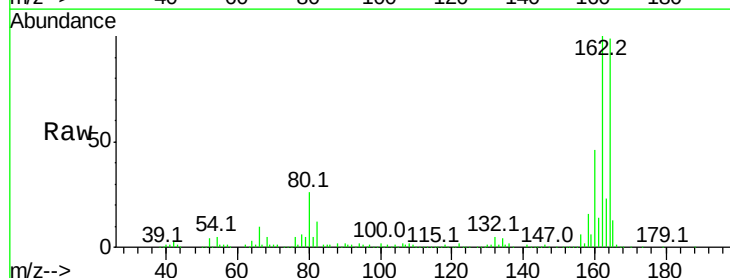
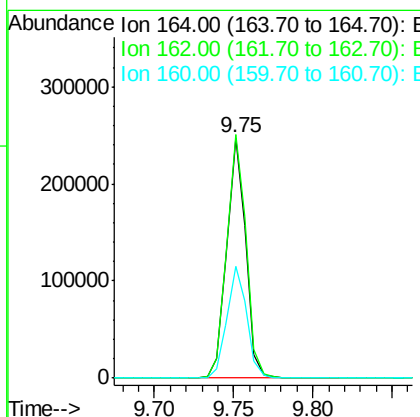
Manual Integrations
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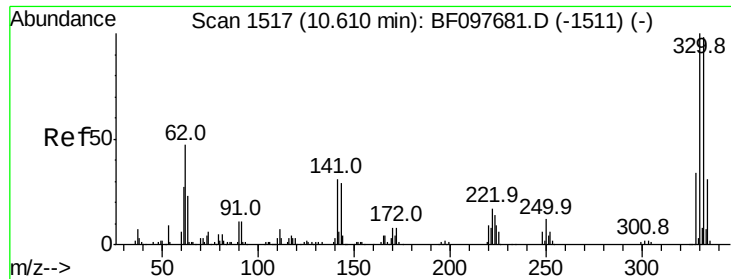
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF098217.D
 Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	46.7	36.2	54.2





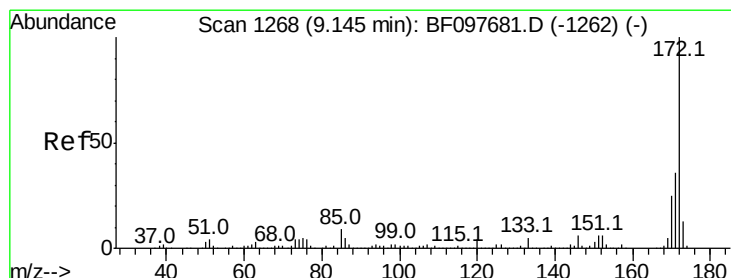
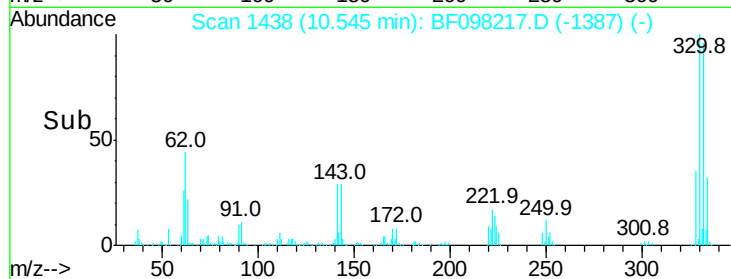
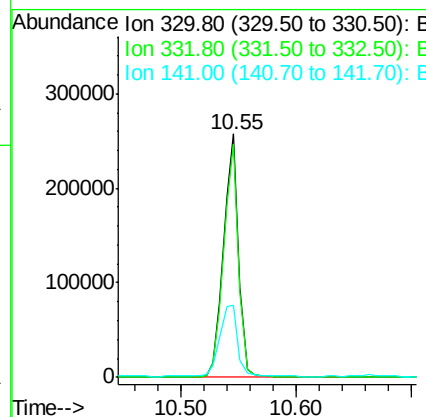
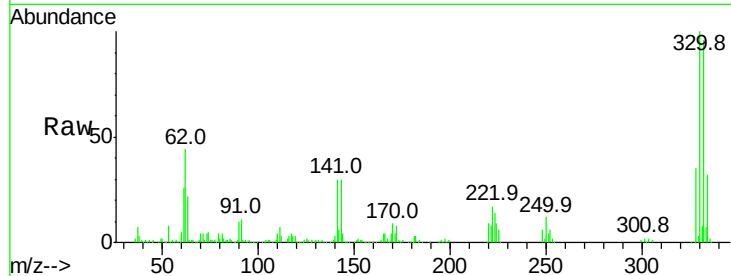
#41
 2,4,6-Tribromophenol
 Concen: 131.140 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF098217.D
 Acq: 1 Sep 2017 10:56

Instrument :
 BNA_F
 ClientSampleId :
 STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	232399		
332	95.5	76.6	115.0	
141	36.0	31.4	47.2	

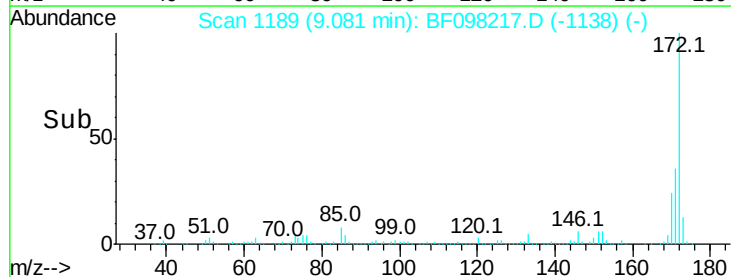
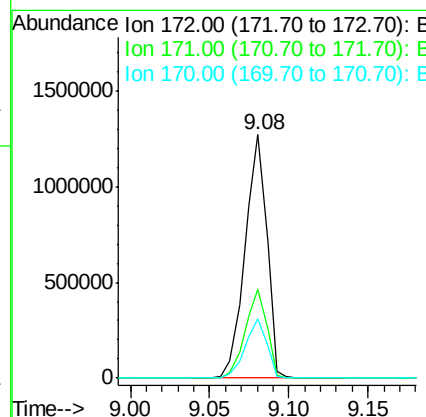
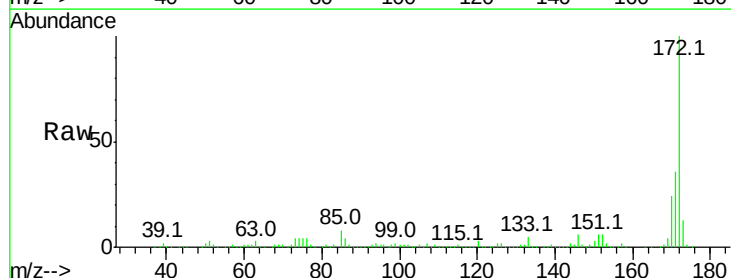
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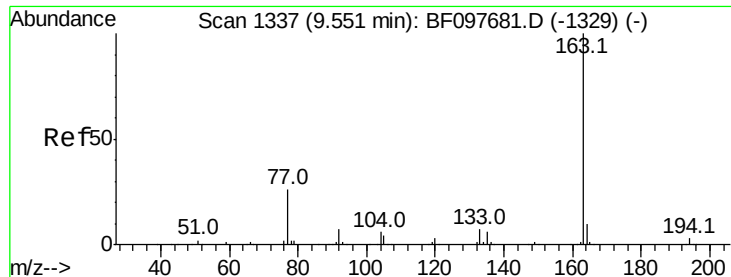
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#44
 2-Fluorobiphenyl
 Concen: 86.815 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF098217.D
 Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1206862		
171	36.5	29.6	44.4	
170	24.2	19.8	29.8	





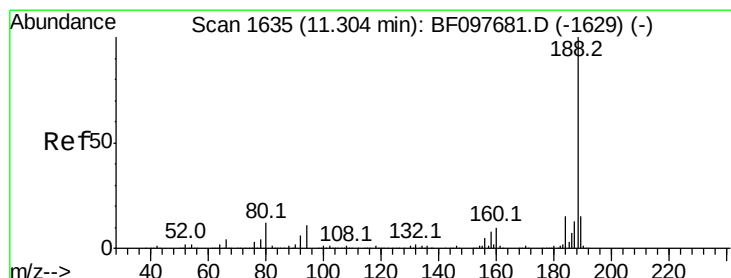
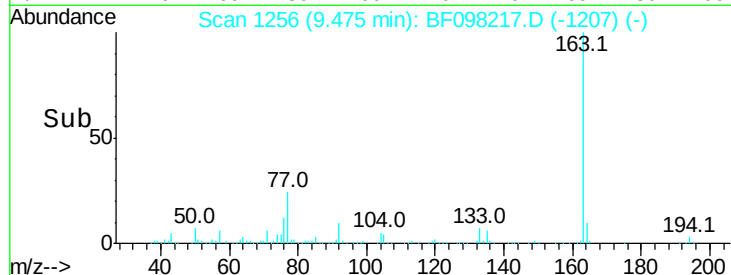
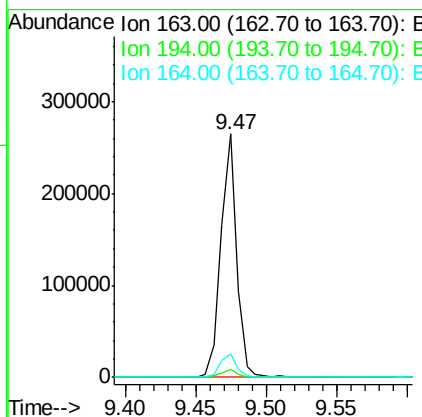
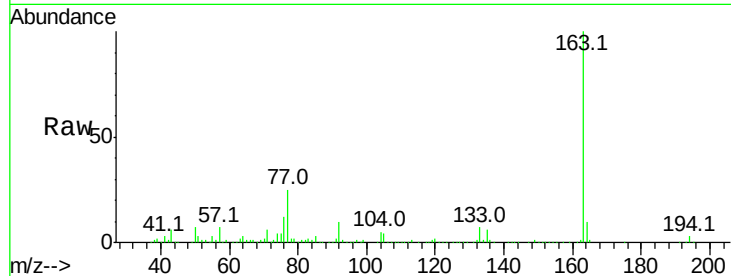
#49
Dimethylphthalate
Concen: 13.697 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Instrument :
BNA_F
ClientSampleId :
STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	9.9	8.4	12.6	

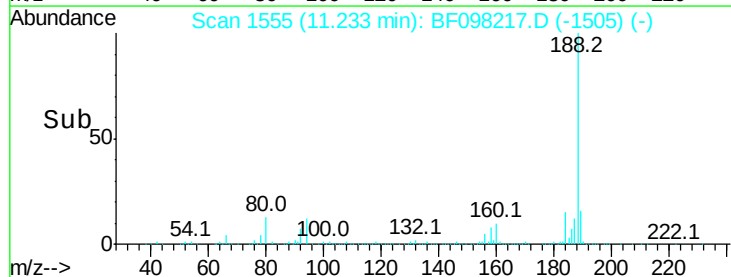
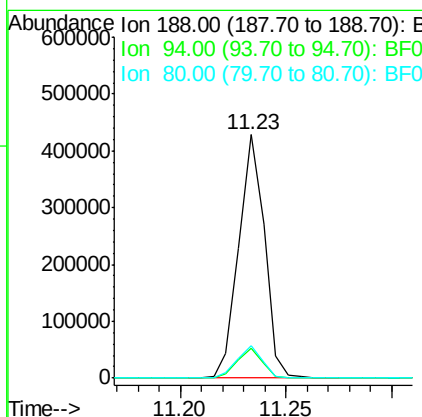
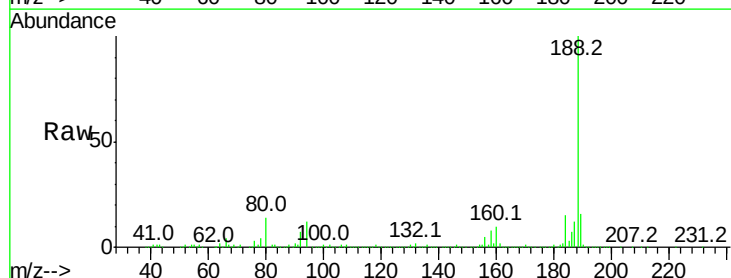
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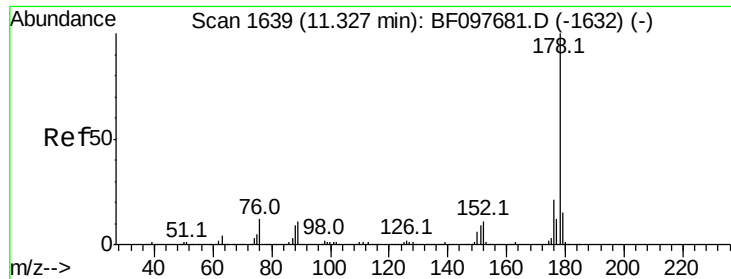
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.3	9.4	14.2	
80	13.6	10.2	15.2	





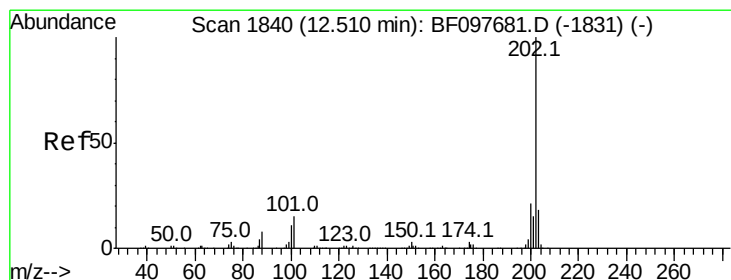
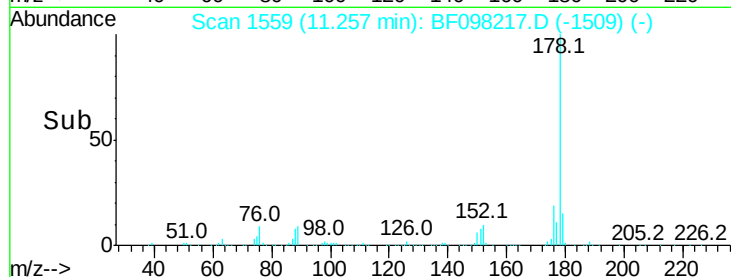
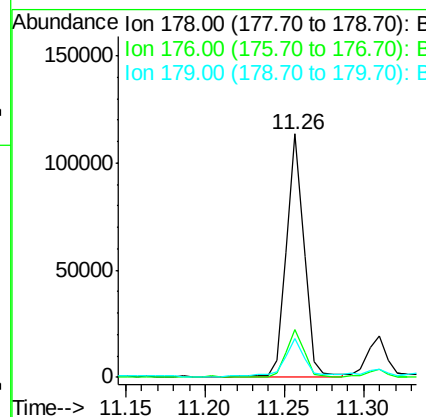
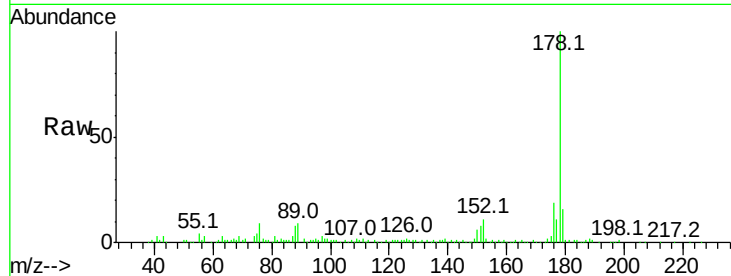
#70
Phenanthrene
Concen: 4.626 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Instrument :
BNA_F
ClientSampleId :
STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.9	12.6	19.0

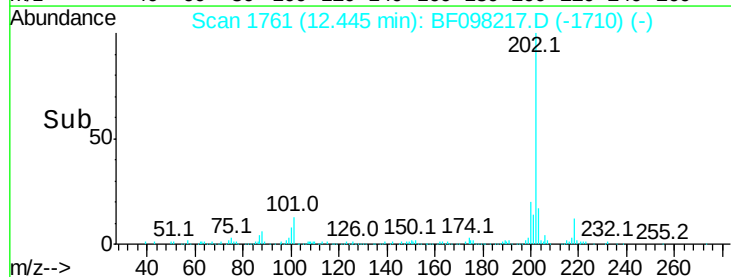
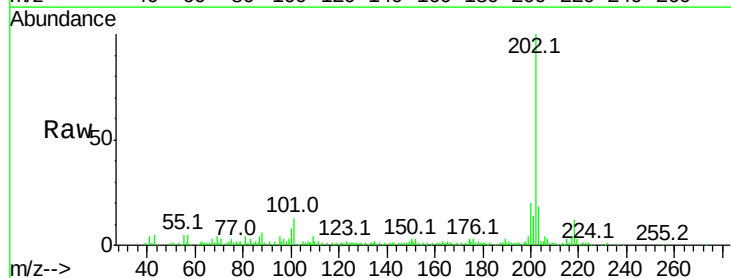
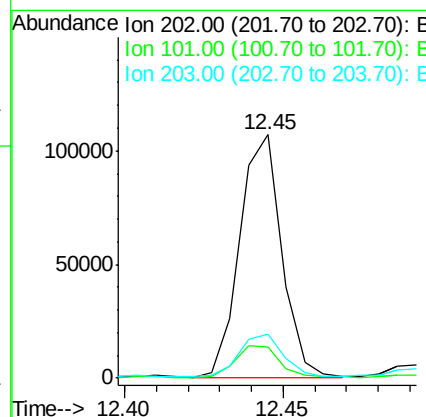
Manual Integrations
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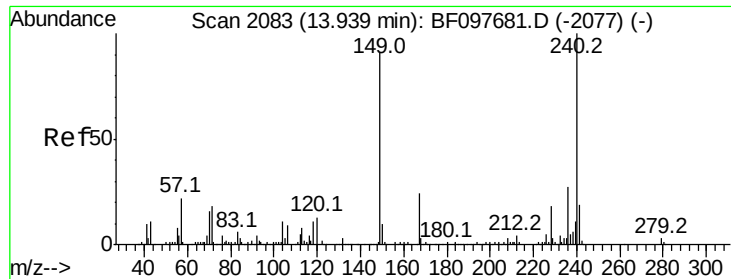
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#74
Fluoranthene
Concen: 4.837 ng
RT: 12.45 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF098217.D

Acq: 1 Sep 2017 10:56

Instrument :

BNA_F

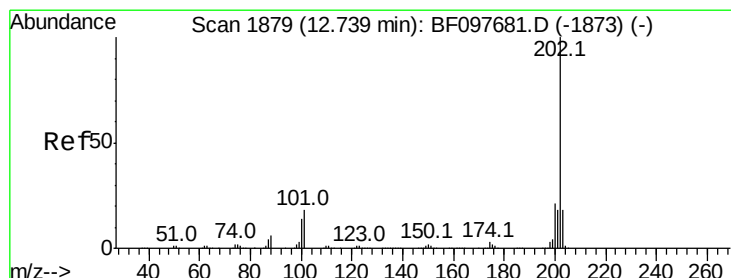
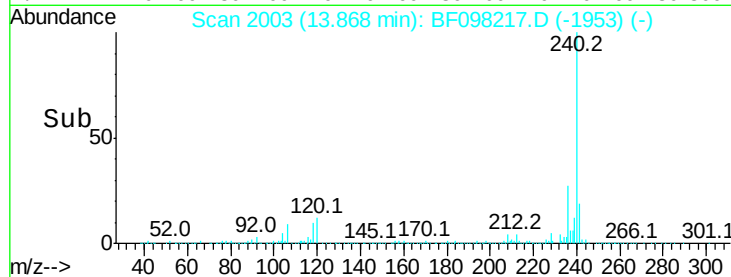
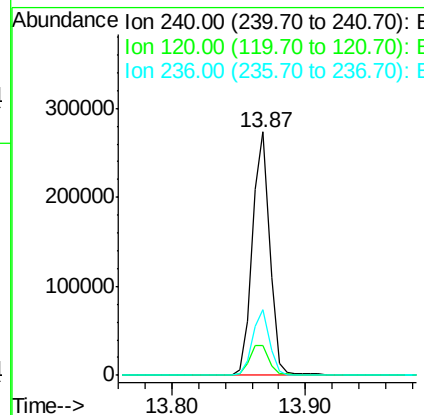
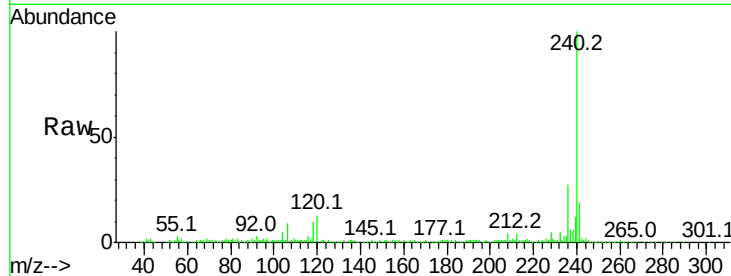
ClientSampleId :

STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Resp	Lower	Upper
240	100	242025		
120	12.5	5.8	8.8#	
236	26.7	20.5	30.7	

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#77

Pyrene

Concen: 5.209 ng

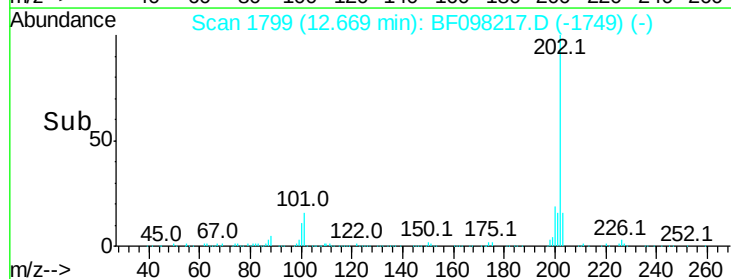
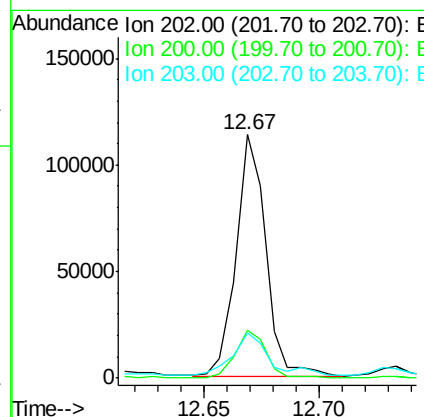
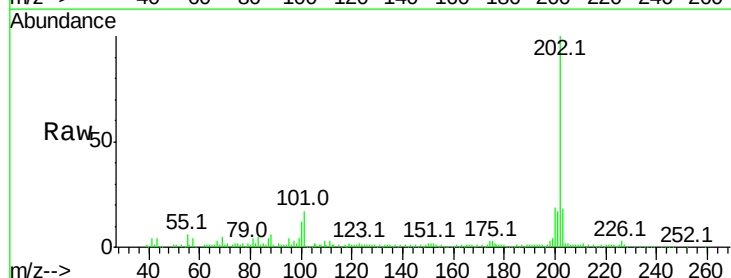
RT: 12.67 min Scan# 1799

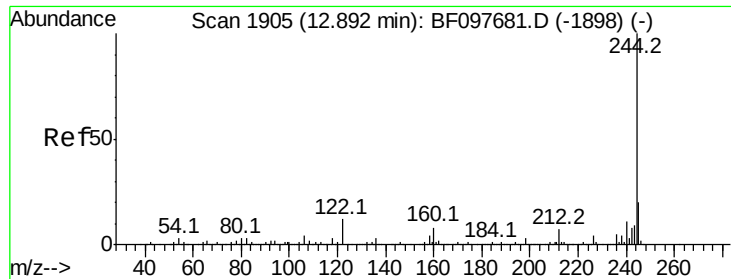
Delta R.T. -0.01 min

Lab File: BF098217.D

Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	103109		
200	19.4	17.6	26.4	
203	18.4	14.4	21.6	





#78

Terphenyl-d14

Concen: 71.846 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF098217.D

Acq: 1 Sep 2017 10:56

Instrument :

BNA_F

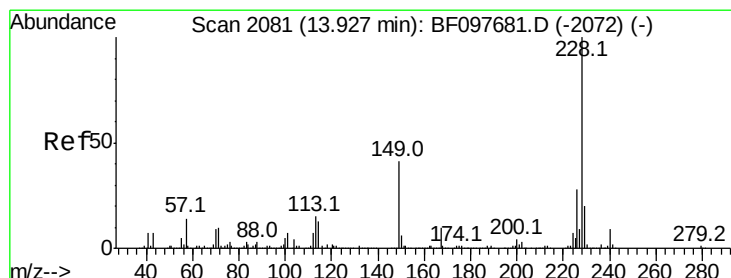
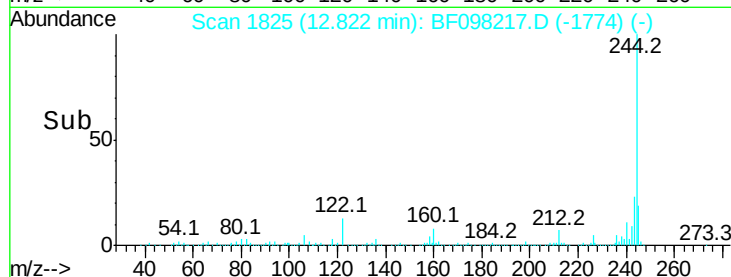
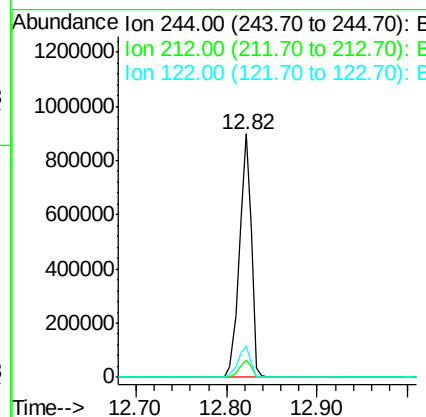
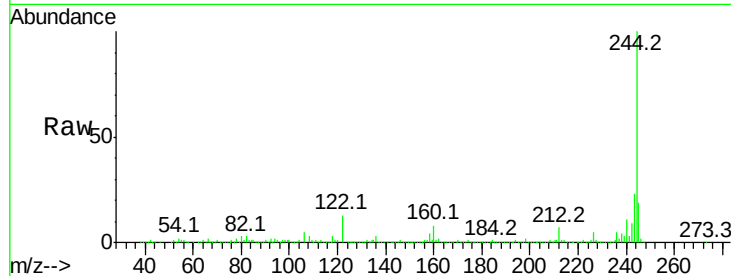
ClientSampleId :

STAGE2-TEST-PIT-A-B-C

Tot Ion:	244	Resp:	833842
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	12.8	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 3.249 ng m

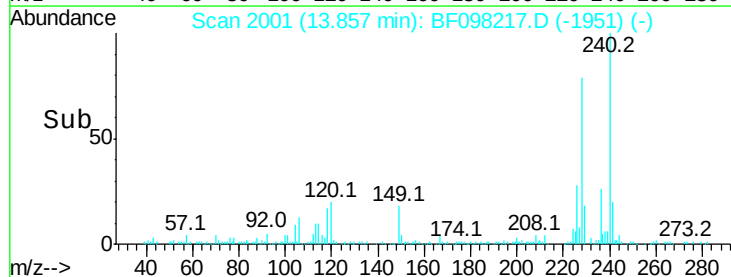
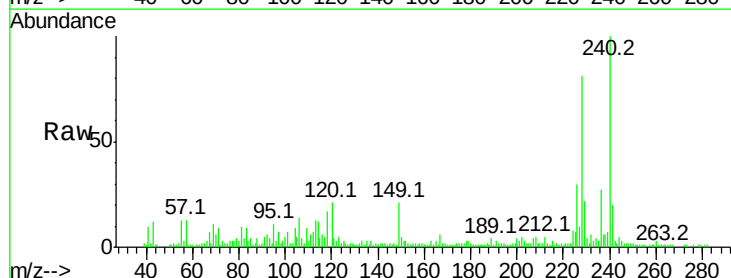
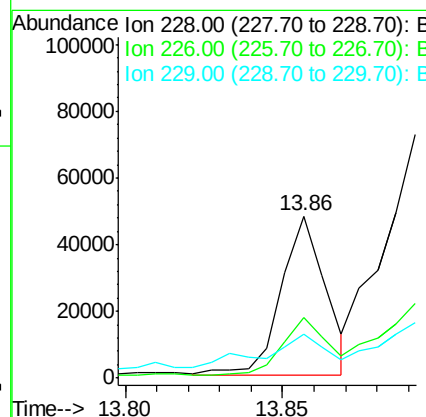
RT: 13.86 min Scan# 2001

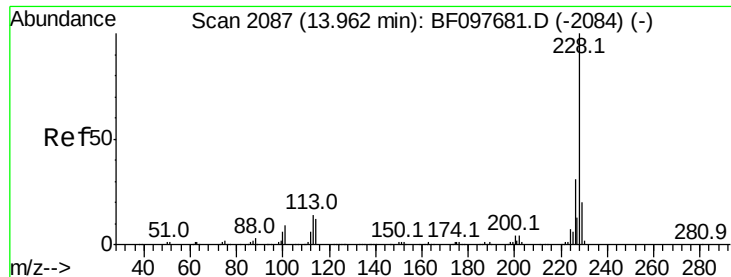
Delta R.T. -0.01 min

Lab File: BF098217.D

Acq: 1 Sep 2017 10:56

Tgt Ion:	228	Resp:	47127
Ion Ratio	Lower	Upper	
228	100		
226	37.8	22.6	33.8#
229	27.0	16.3	24.5#





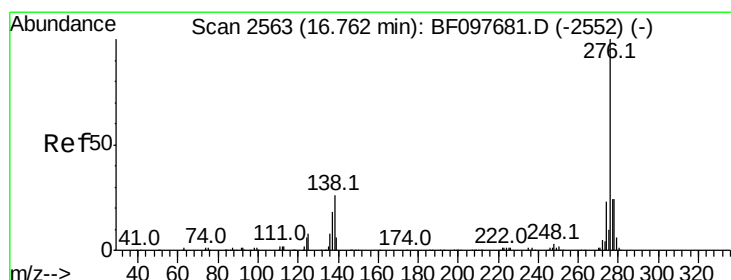
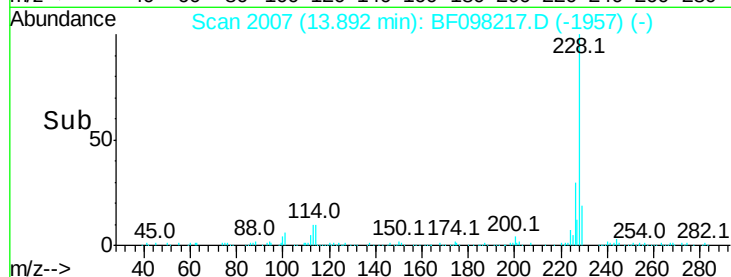
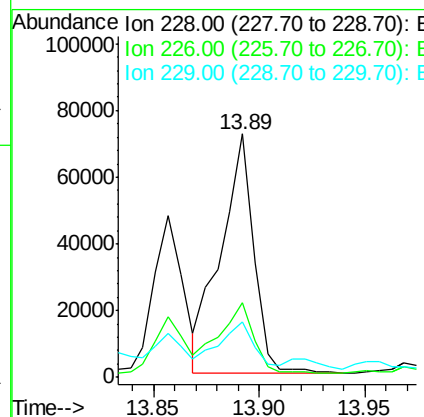
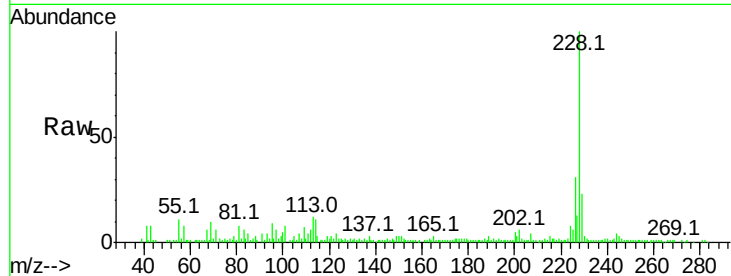
#82
Chrysene
Concen: 5.392 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Instrument :
BNA_F
ClientSampleId :
STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.6	15.8	23.6

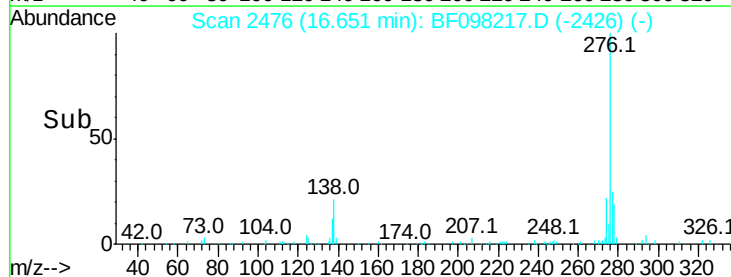
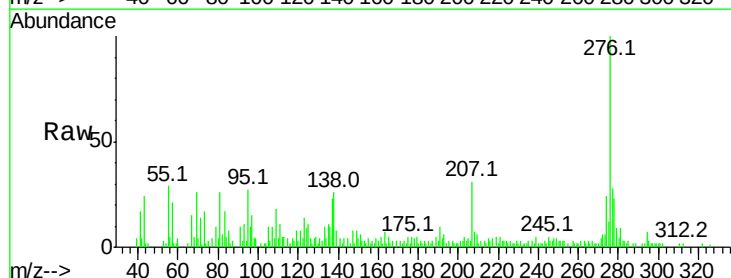
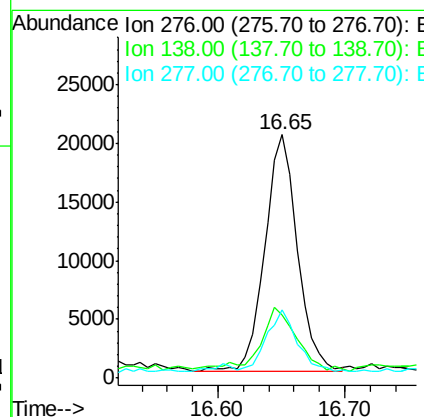
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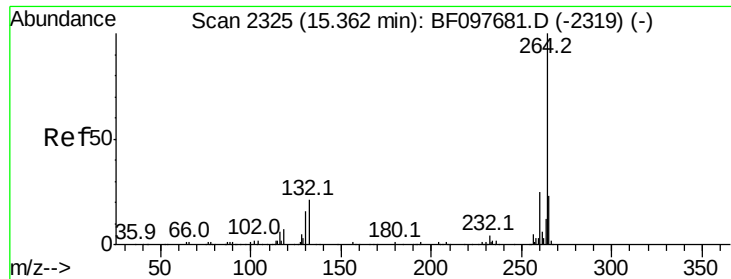
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.412 ng
RT: 16.65 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	27.8	41.6
277	24.2	20.2	30.4





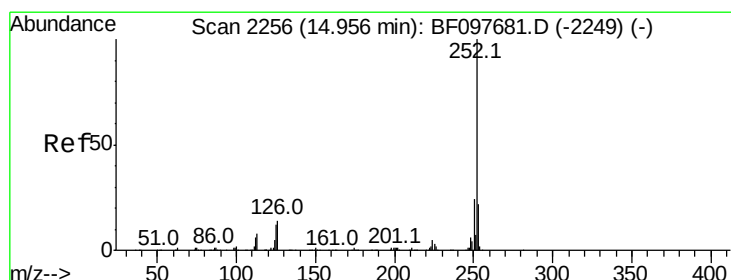
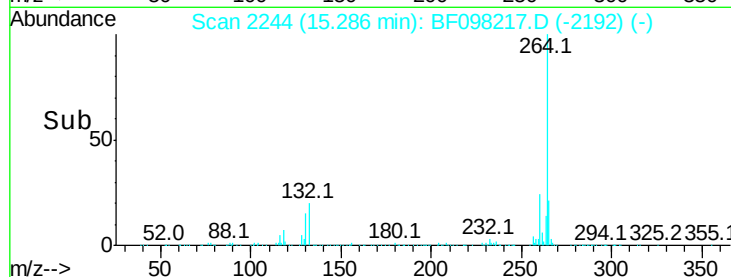
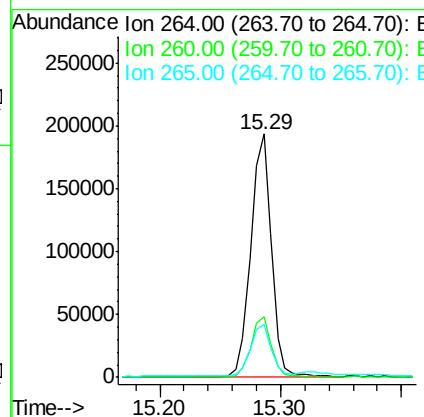
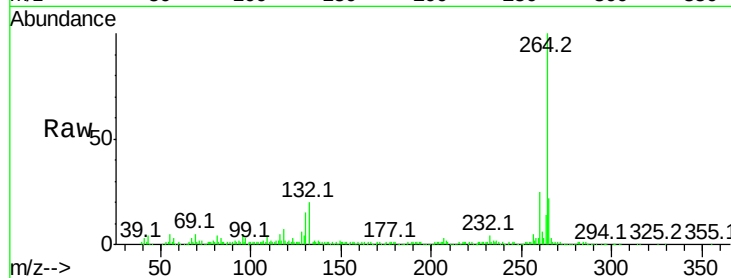
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Instrument :
BNA_F
ClientSampleId :
STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.8	17.2	25.8

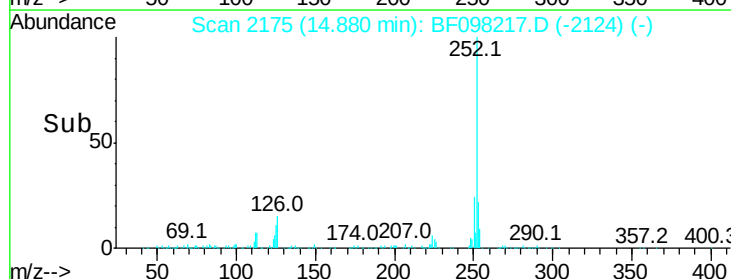
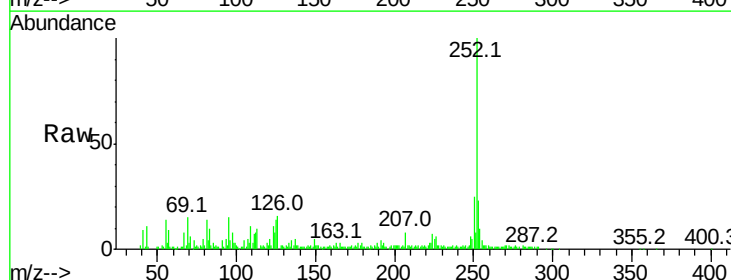
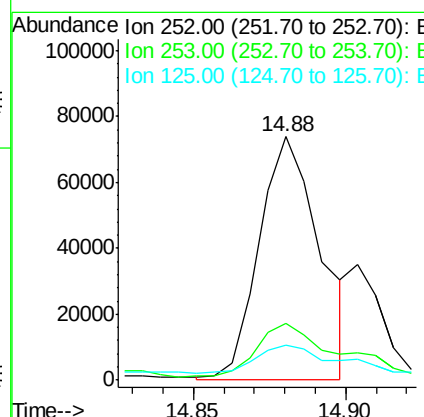
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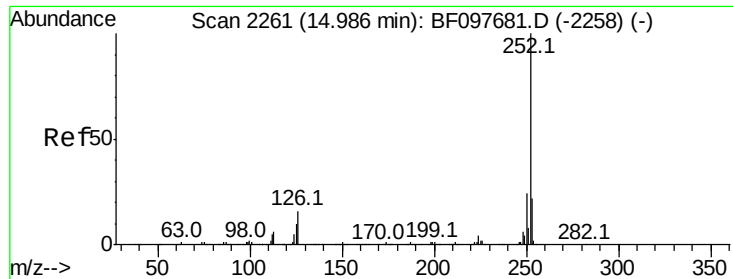
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#87
Benzo(b)fluoranthene
Concen: 7.050 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	14.4	9.8	14.8





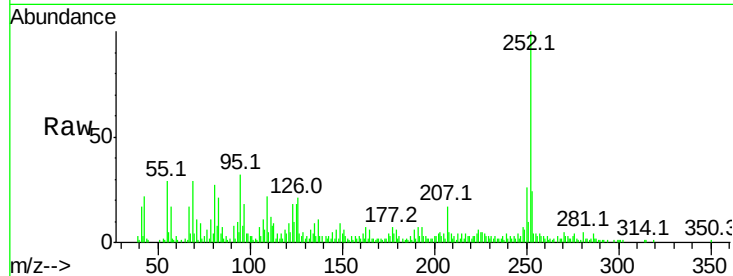
#88
Benzo(k)fluoranthene
Concen: 2.029 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Instrument :
BNA_F
ClientSampleId :
STAGE2-TEST-PIT-A-B-C

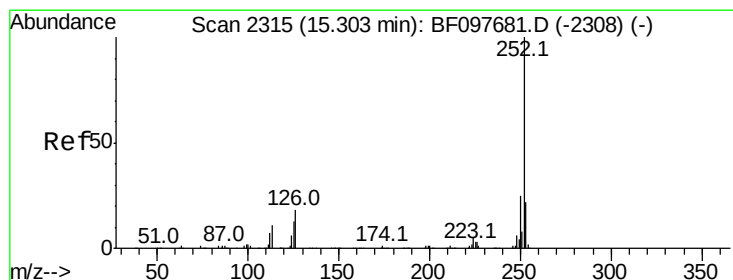
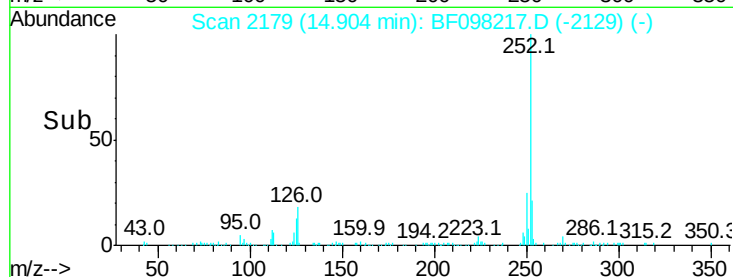
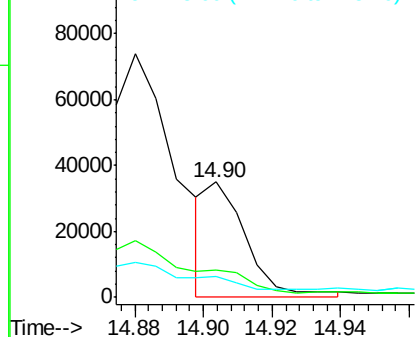
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	18.2	13.1	19.7

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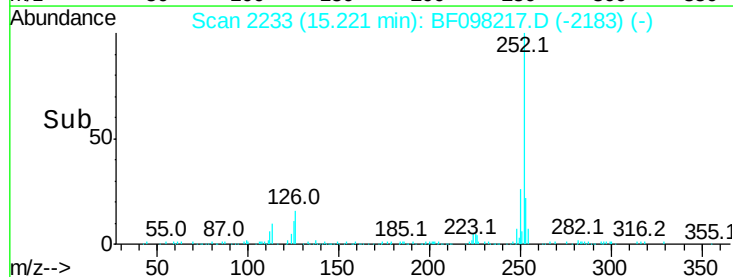
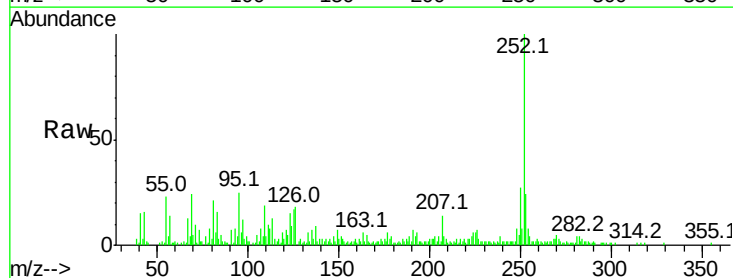
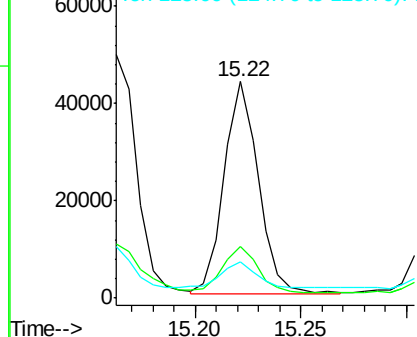
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

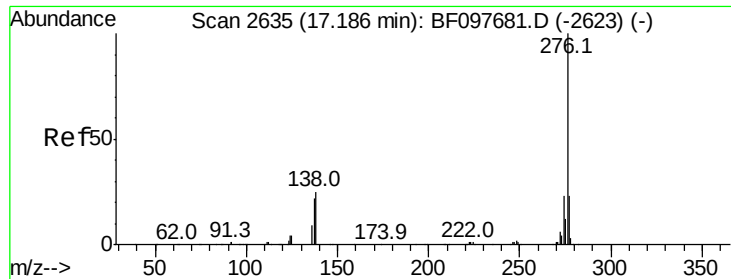


#89
Benzo(a)pyrene
Concen: 3.845 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF098217.D
Acq: 1 Sep 2017 10:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	16.7	11.0	16.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 3.143 ng
 RT: 17.06 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BF098217.D
 Acq: 1 Sep 2017 10:56

Instrument :
 BNA_F
 ClientSampleId :
 STAGE2-TEST-PIT-A-B-C

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	27.0	25.4	38.0

Manual Integrations
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