

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098351.D
 Acq On : 8 Sep 2017 15:34
 Operator : SJ/JU
 Sample : I5095-01DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STORM-SEWER-SEDDL

Manual Integrations
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Quant Time: Sep 08 16:09:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 15:02:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101480	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	398972	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	166973	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	275820	20.00	ng	0.00
75) Chrysene-d12	13.83	240	200991	20.00	ng	0.00
86) Perylene-d12	15.24	264	218669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	298014	44.67	ng	0.00
7) Phenol-d6	6.32	99	398453	43.96	ng	0.00
23) Nitrobenzene-d5	7.25	82	236180	32.16	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	54704	37.76	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	288765	25.41	ng	0.00
78) Terphenyl-d14	12.78	244	164262	17.04	ng	0.00
Target Compounds						
48) Acenaphthylene	9.57	152	48506	2.746	ng	99
49) Dimethylphthalate	9.44	163	58013	4.753	ng	97
57) Fluorene	10.26	166	39132	3.389	ng	92
70) Phenanthrene	11.22	178	410128	27.904	ng	99
71) Anthracene	11.27	178	115809	7.769	ng	98
72) Carbazole	11.43	167	39815	2.814	ng	97
74) Fluoranthene	12.41	202	748617	48.799	ng	97
77) Pyrene	12.64	202	633561	38.541	ng	99
79) Butylbenzylphthalate	13.26	149	13834	2.195	ng	# 65
80) Benzo(a)anthracene	13.83	228	368016	30.550	ng	96
82) Chrysene	13.86	228	352149	29.387	ng	98
83) Bis(2-ethylhexyl)phthalate	13.82	149	47989	6.871	ng	# 99
87) Benzo(b)fluoranthene	14.85	252	457415m	33.186	ng	
88) Benzo(k)fluoranthene	14.87	252	166317m	12.843	ng	
89) Benzo(a)pyrene	15.19	252	343169	28.124	ng	97
90) Dibenzo(a,h)anthracene	16.60	278	56863m	5.724	ng	
91) Benzo(a,h,i)perylene	17.01	276	190705	18.398	ng	94

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

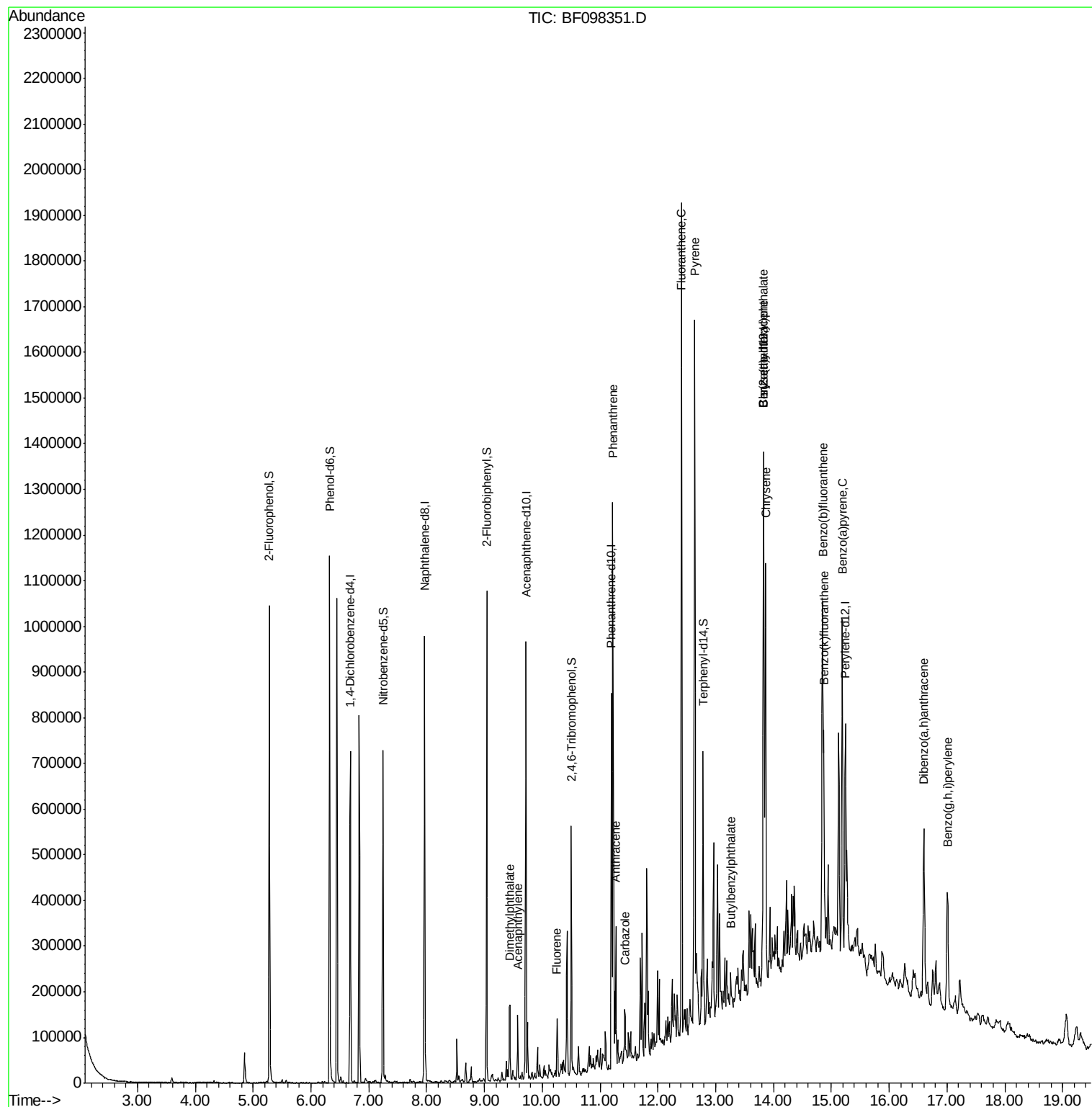
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098351.D
Acq On : 8 Sep 2017 15:34
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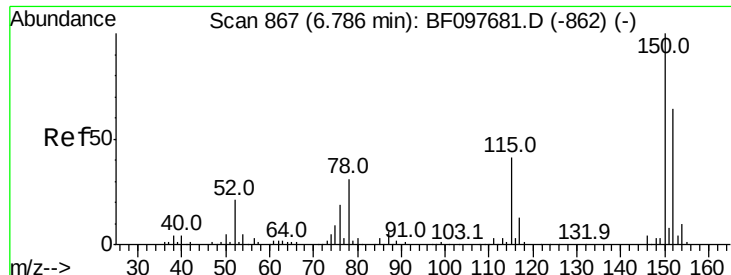
Instrument :
BNA_F
ClientSampleId :
STORM-SEWER-SEDDL

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#1

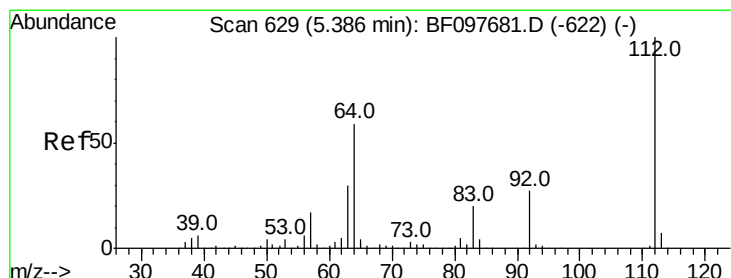
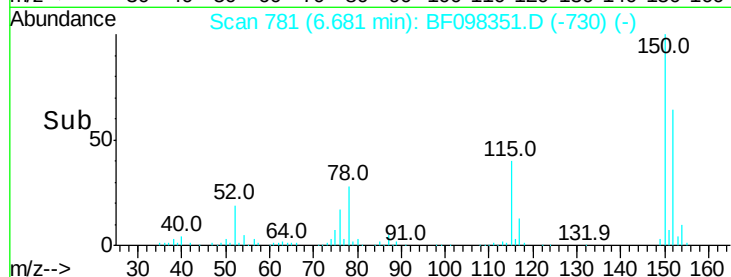
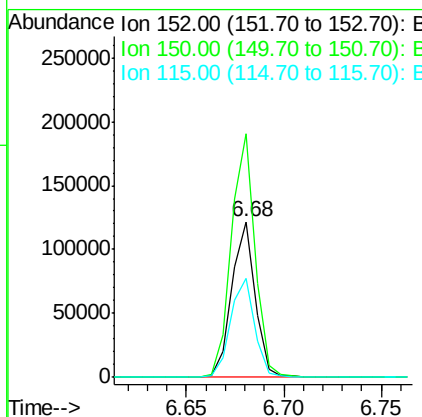
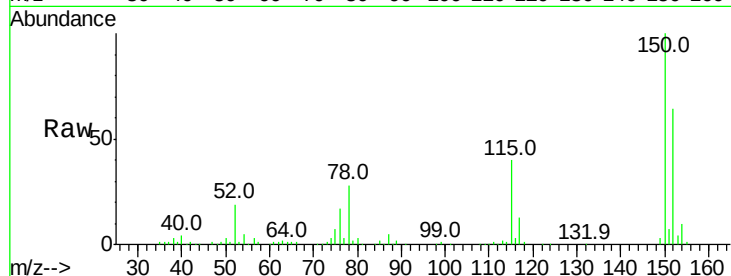
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Instrument :
BNA_F
ClientSampleId :
STORM-SEWER-SEDDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	63.4	52.2	78.2

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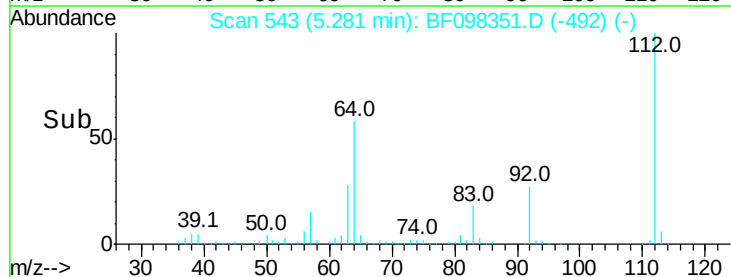
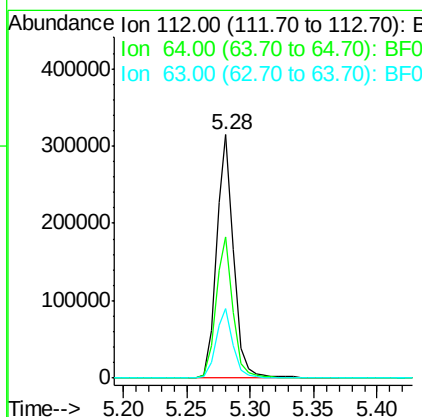
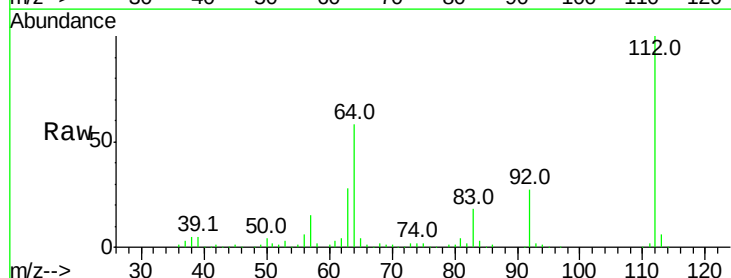
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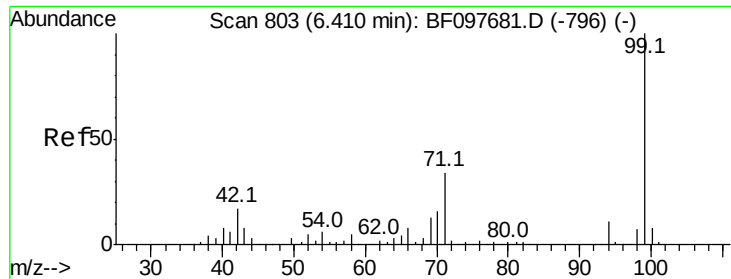


#5

2-Fluorophenol
Concen: 44.669 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	28.4	23.4	35.0





#7

Phenol-d6

Concen: 43.956 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Instrument :

BNA_F

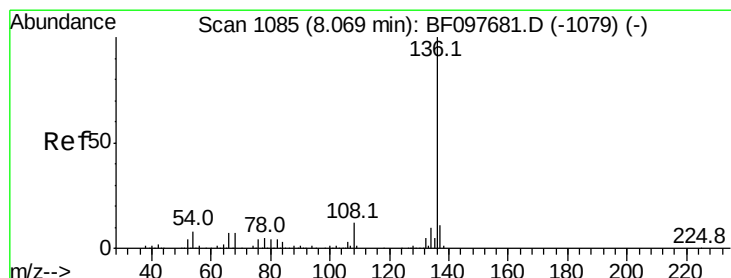
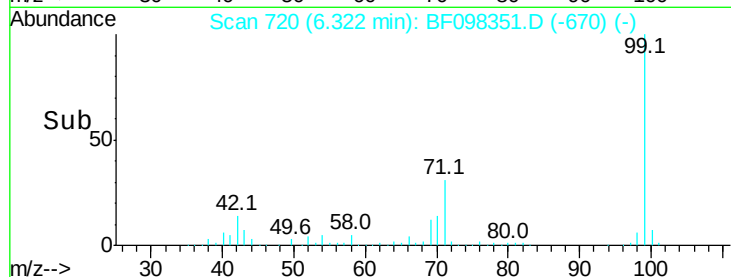
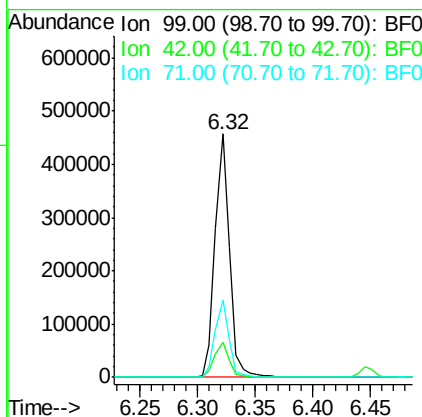
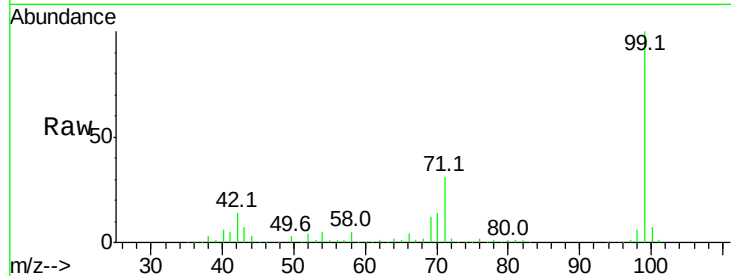
ClientSampleId :

STORM-SEWER-SEDDL

Tot Ion:	99	Resp:	398453
Ion Ratio	Lower	Upper	
99	100		
42	14.2	13.5	20.3
71	31.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

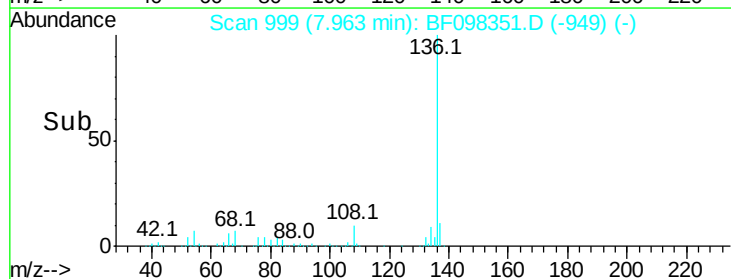
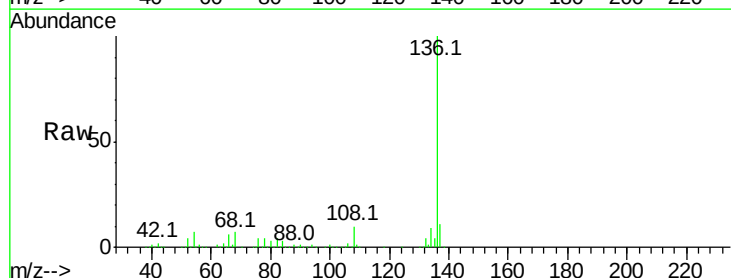
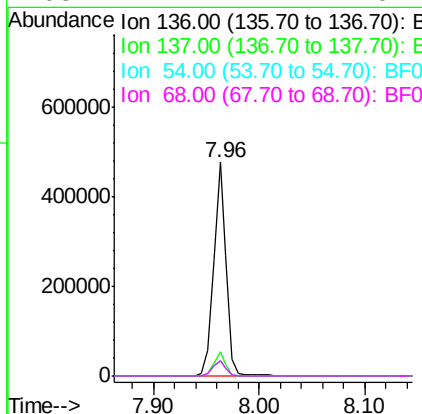
RT: 7.96 min Scan# 999

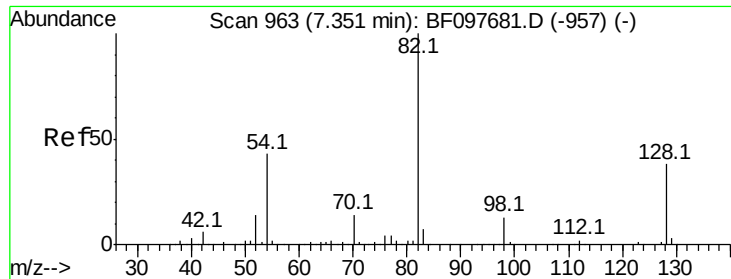
Delta R.T. -0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Tgt Ion:	136	Resp:	398972
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	7.4	4.9	7.3#
68	7.4	4.1	6.1#





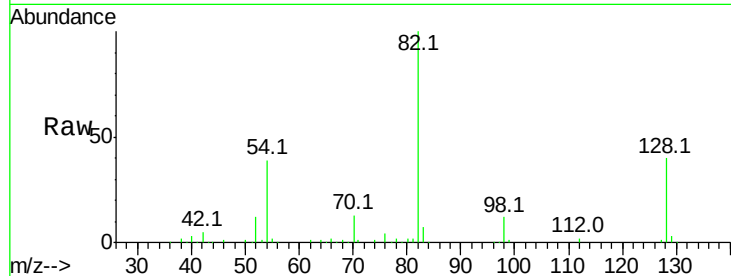
#23
 Nitrobenzene-d5
 Concen: 32.159 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF098351.D
 Acq: 8 Sep 2017 15:34

Instrument :
 BNA_F
 ClientSampleId :
 STORM-SEWER-SEDDL

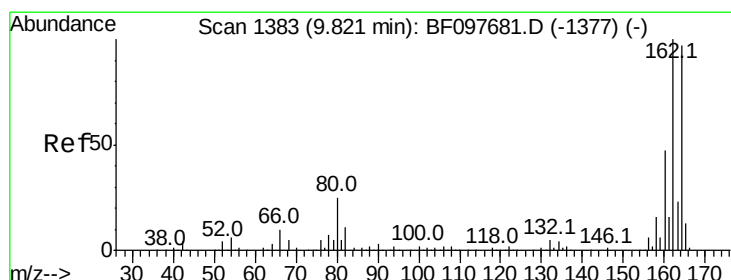
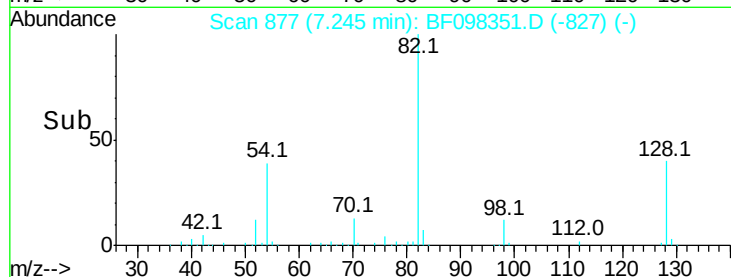
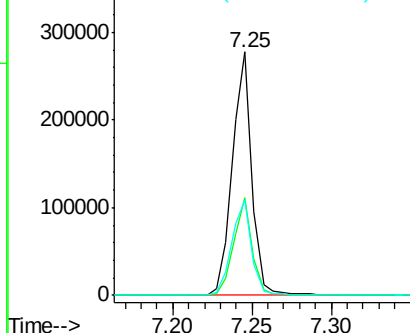
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.0	51.0
54	39.1	42.2	63.2

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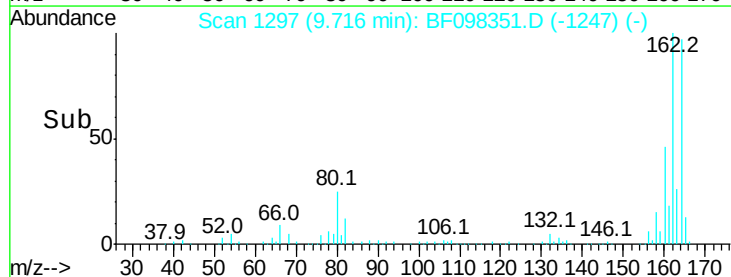
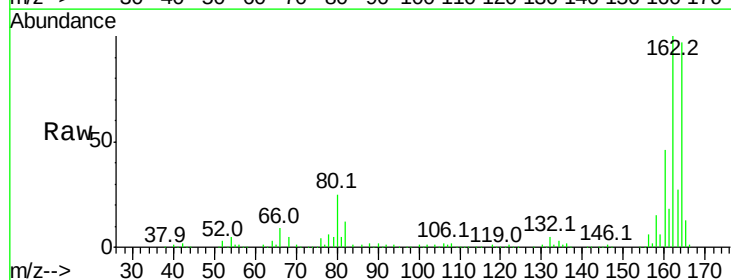
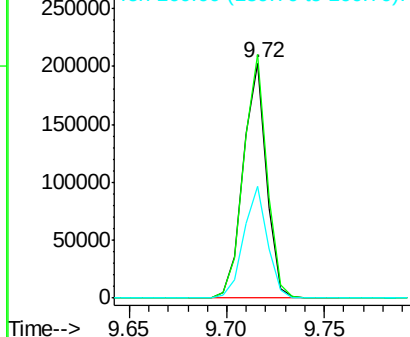
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

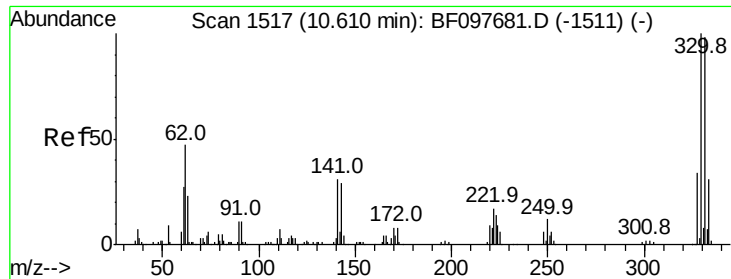


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF098351.D
 Acq: 8 Sep 2017 15:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	47.7	36.2	54.2

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





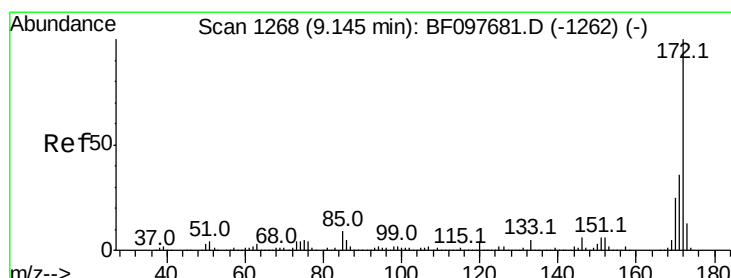
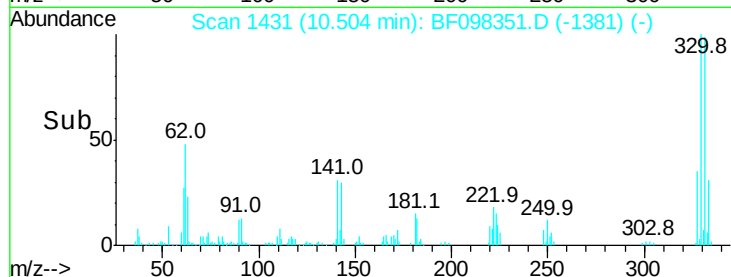
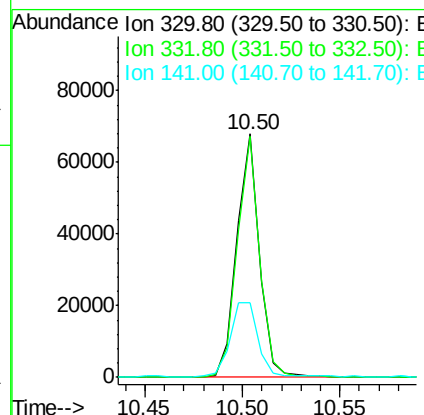
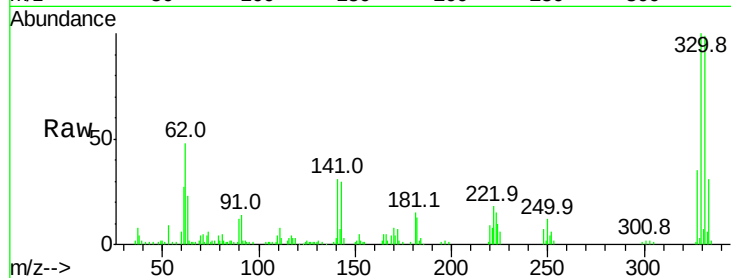
#41
 2,4,6-Tribromophenol
 Concen: 37.759 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098351.D
 Acq: 8 Sep 2017 15:34

Instrument :
 BNA_F
 ClientSampleId :
 STORM-SEWER-SEDDL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	115.0
141	39.1	31.4	47.2

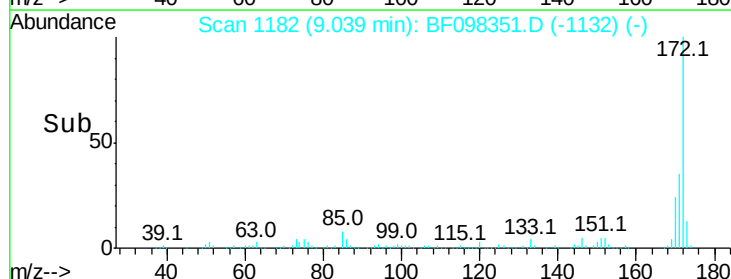
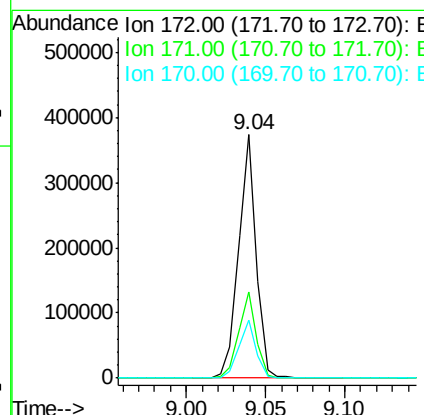
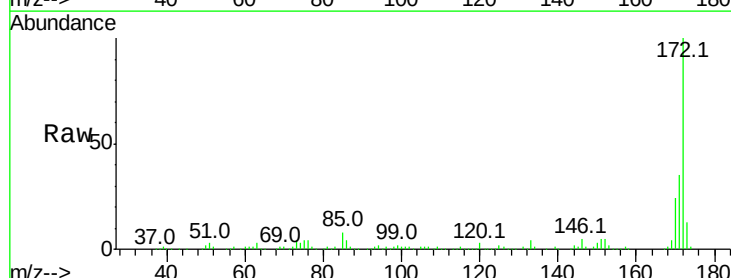
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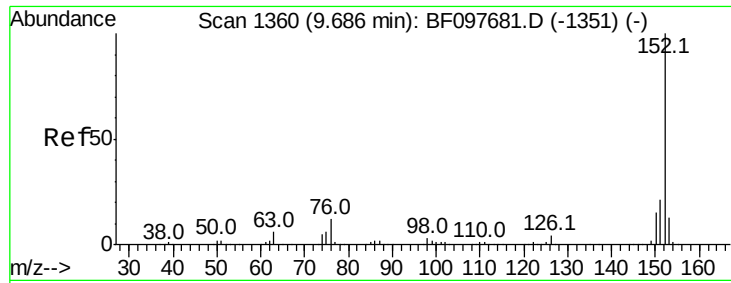
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#44
 2-Fluorobiphenyl
 Concen: 25.409 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF098351.D
 Acq: 8 Sep 2017 15:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.9	19.8	29.8





#48

Acenaphthylene

Concen: 2.746 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Instrument :

BNA_F

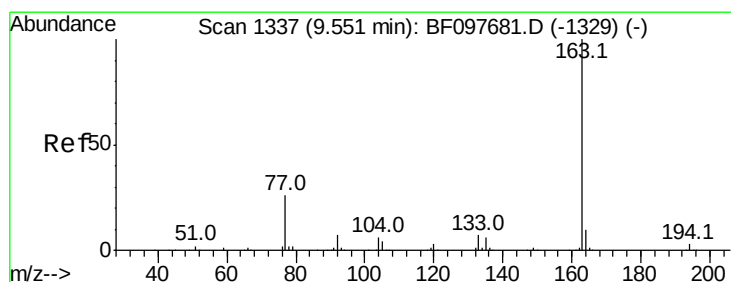
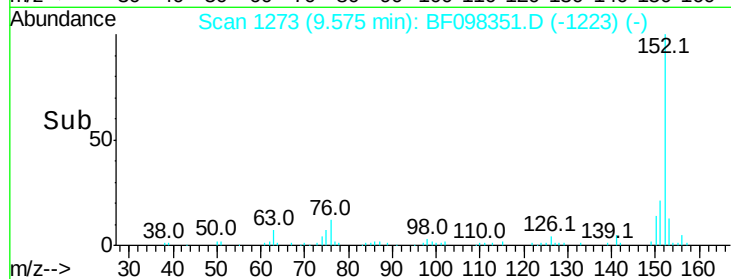
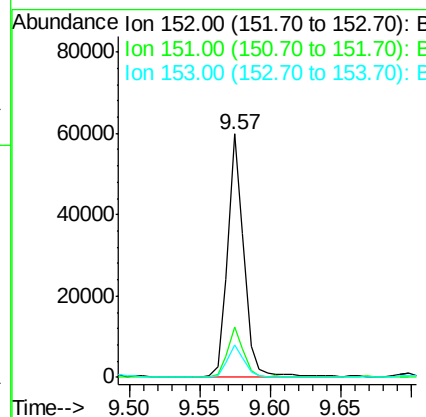
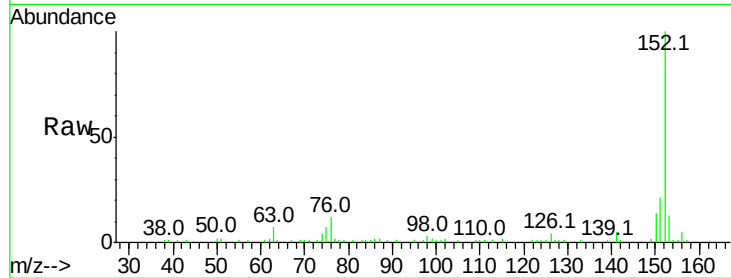
ClientSampleId :

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Tot Ion:	152	Resp:	48506
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.2	10.8	16.2

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#49

Dimethylphthalate

Concen: 4.753 ng

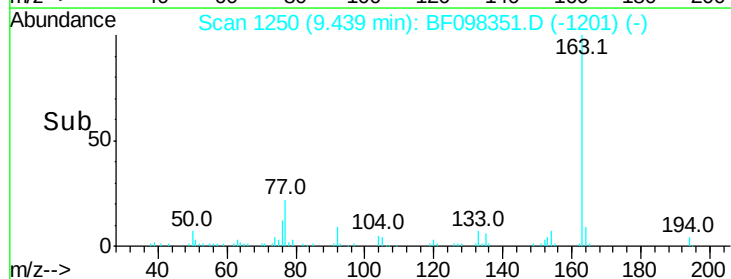
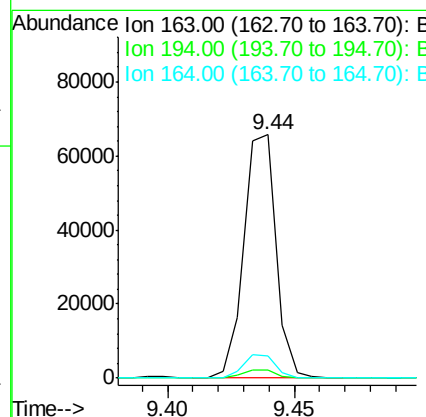
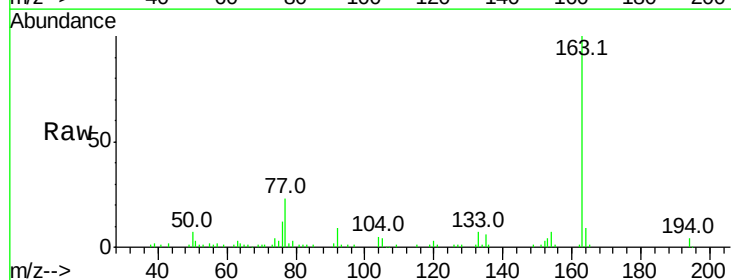
RT: 9.44 min Scan# 1250

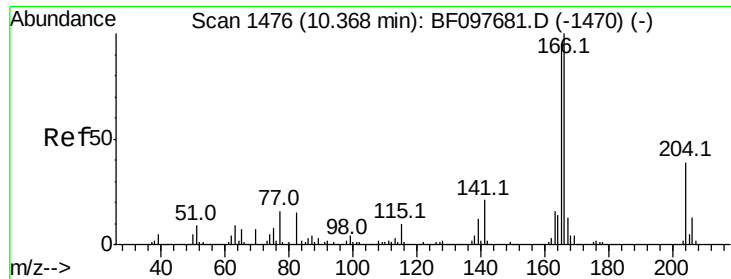
Delta R.T. -0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Tgt Ion:	163	Resp:	58013
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	9.2	8.4	12.6





#57

Fluorene

Concen: 3.389 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Instrument :

BNA_F

ClientSampleId :

STORM-SEWER-SEDDL

Tot Ion:166 Resp: 39132

Ion Ratio Lower Upper

166 100

165 89.3 78.8 118.2

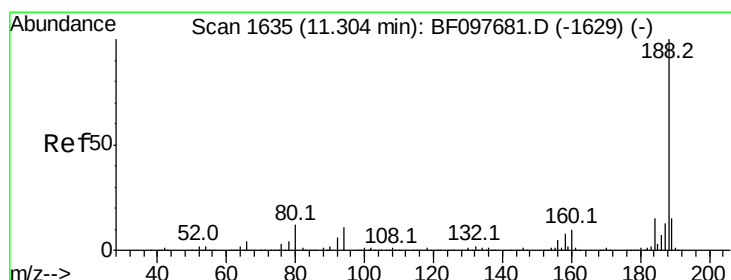
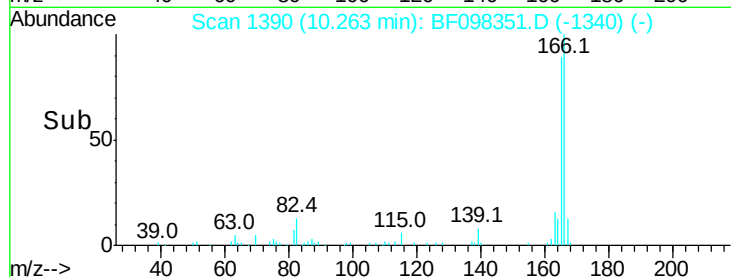
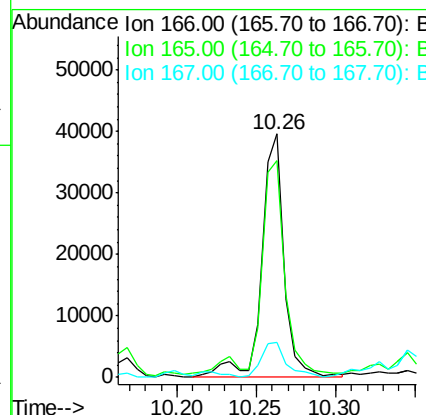
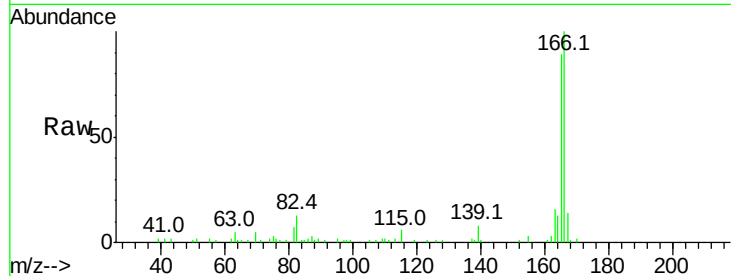
167 14.1 10.6 16.0

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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

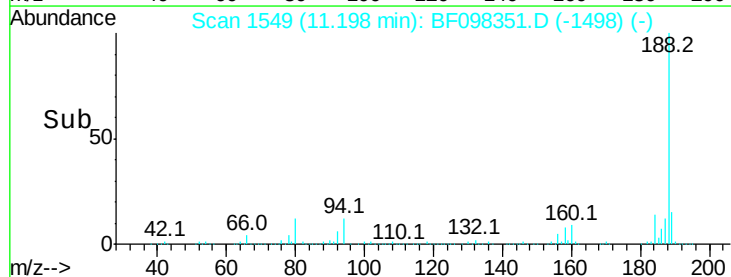
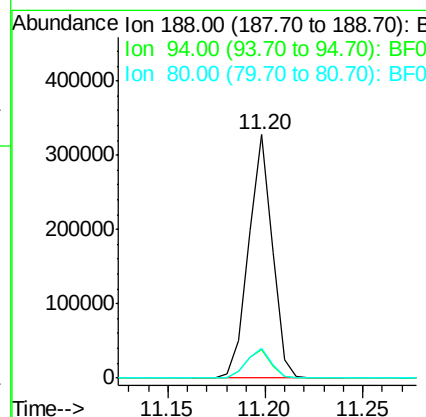
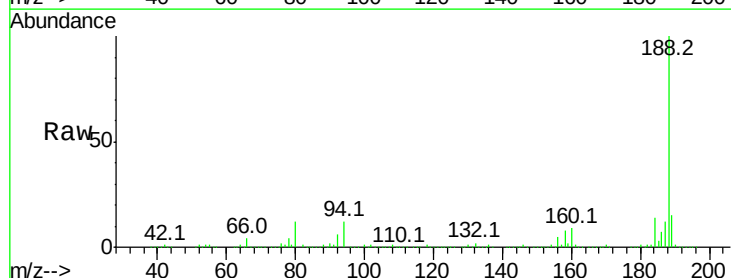
Tgt Ion:188 Resp: 275820

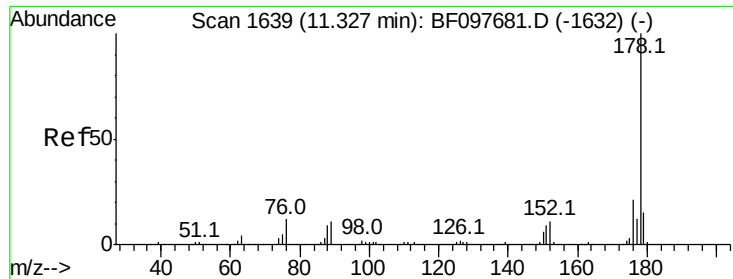
Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

80 12.4 10.2 15.2





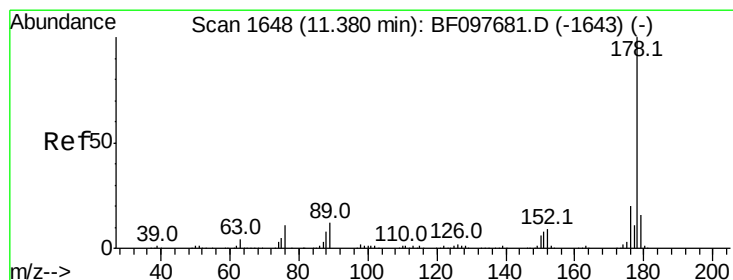
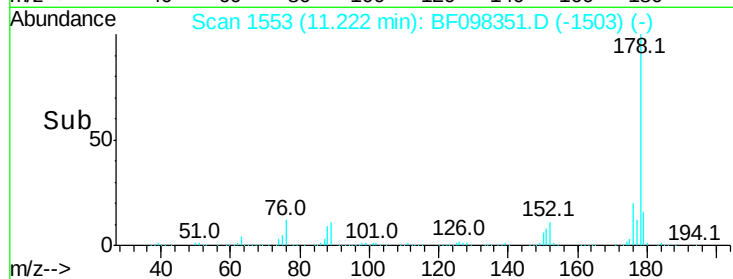
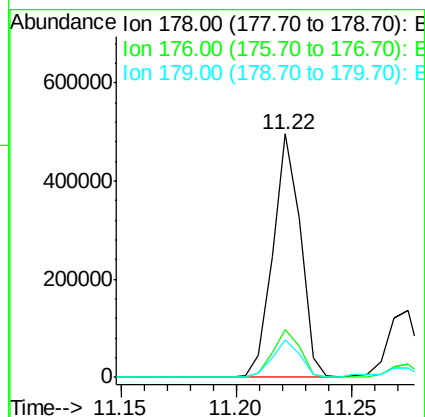
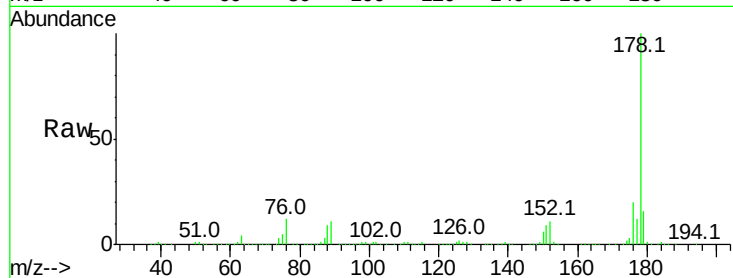
#70
Phenanthrene
Concen: 27.904 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Instrument :
BNA_F
ClientSampleId :
STORM-SEWER-SEDDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.6	12.6	19.0

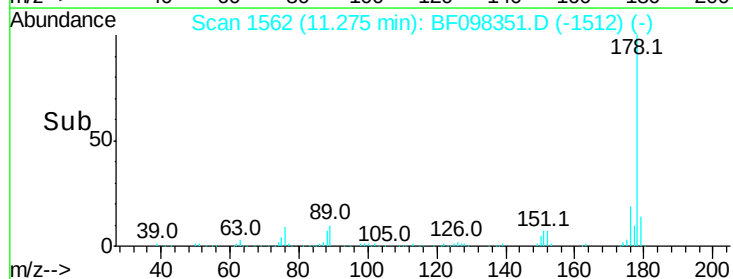
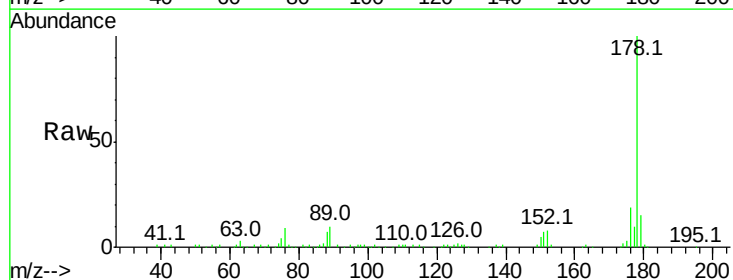
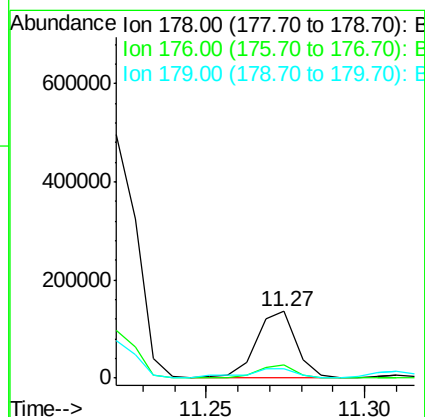
Manual Integrations
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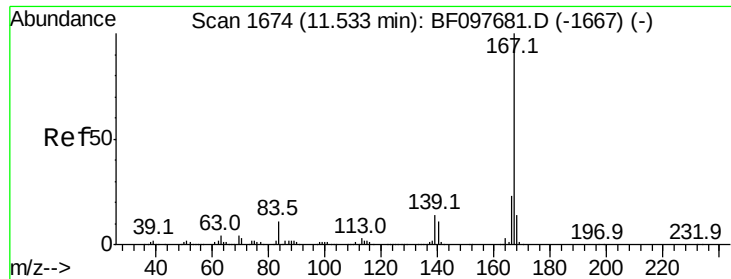
Sohil
9/11/2017 4:47:34 PM



#71
Anthracene
Concen: 7.769 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.7	12.7	19.1





#72

Carbazole

Concen: 2.814 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Instrument :

BNA_F

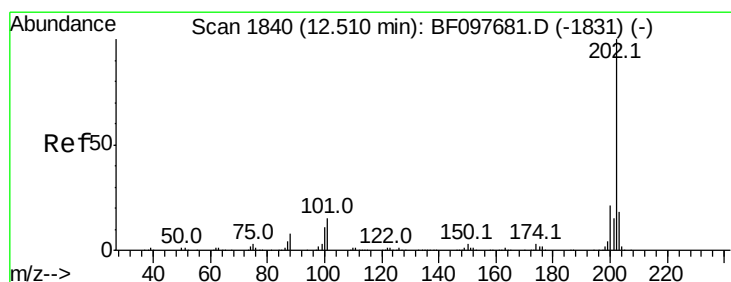
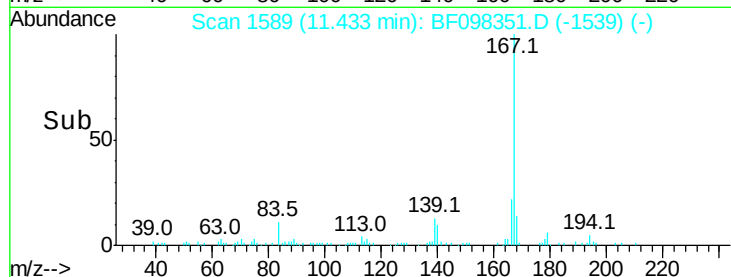
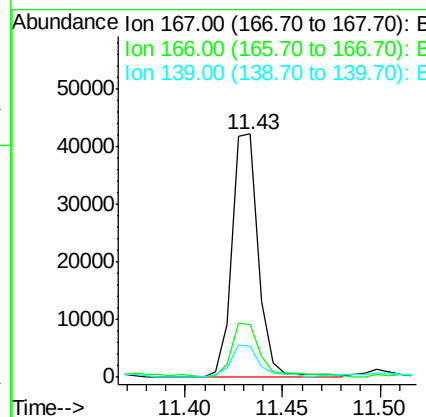
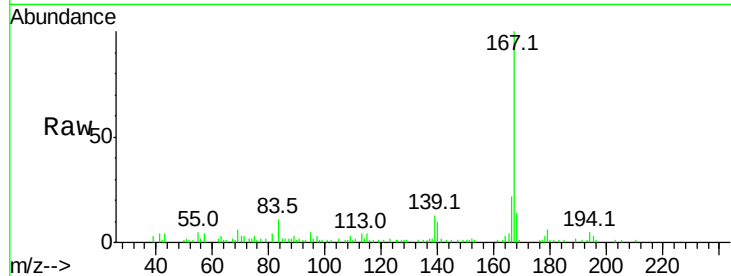
ClientSampleId :

STORM-SEWER-SEDDL

Tot Ion:	167	Resp:	39815
Ion Ratio	Lower	Upper	
167	100		
166	21.7	18.1	27.1
139	12.7	11.7	17.5

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#74

Fluoranthene

Concen: 48.799 ng

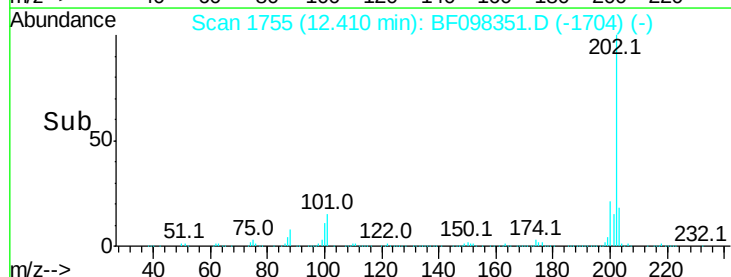
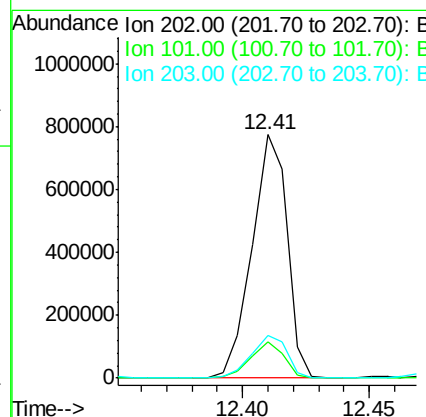
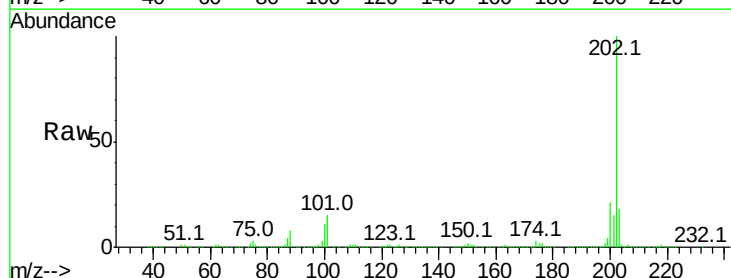
RT: 12.41 min Scan# 1755

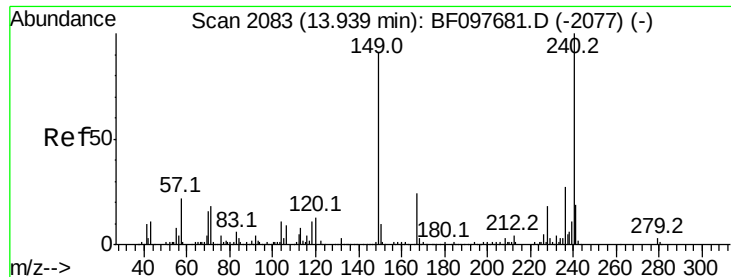
Delta R.T. 0.00 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Tgt Ion:	202	Resp:	748617
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Instrument :

BNA_F

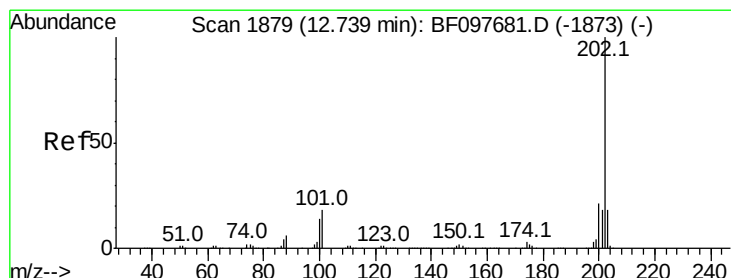
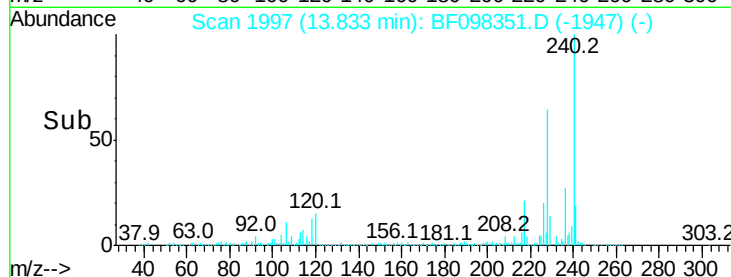
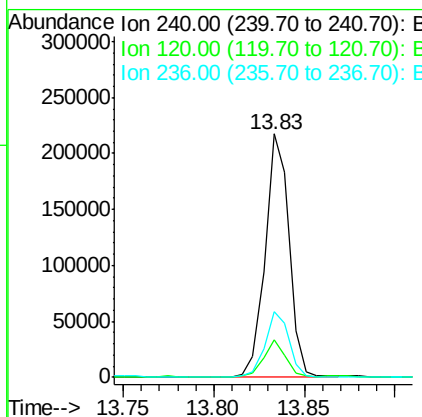
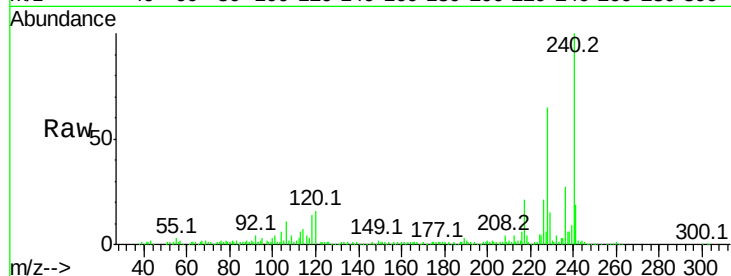
ClientSampleId :

STORM-SEWER-SEDDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	26.8	20.5	30.7

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#77

Pyrene

Concen: 38.541 ng

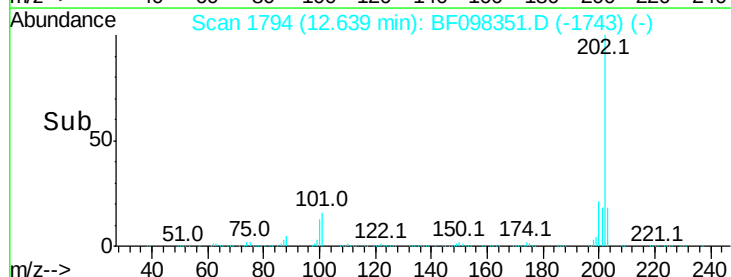
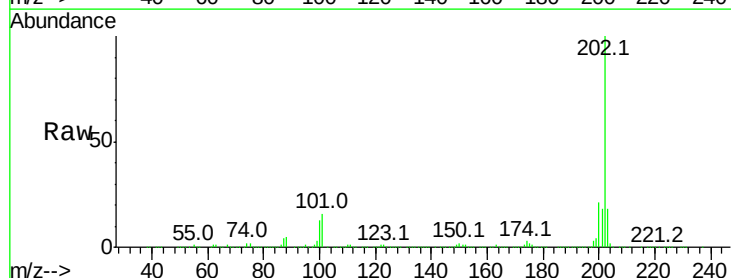
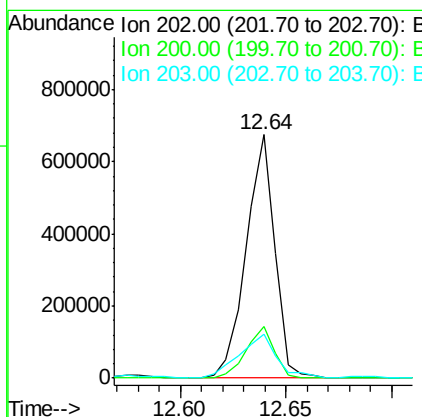
RT: 12.64 min Scan# 1794

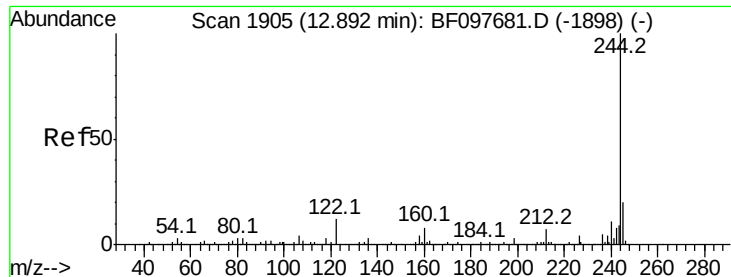
Delta R.T. 0.00 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.1	14.4	21.6





#78

Terphenyl-d14

Concen: 17.043 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Instrument :

BNA_F

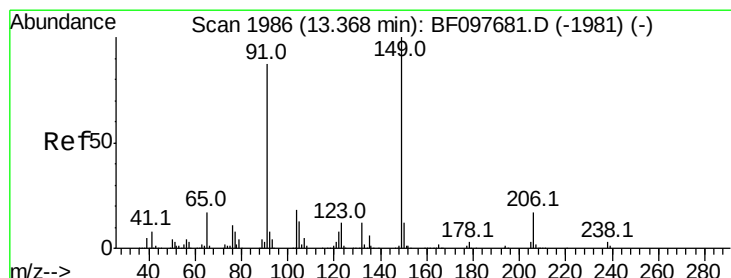
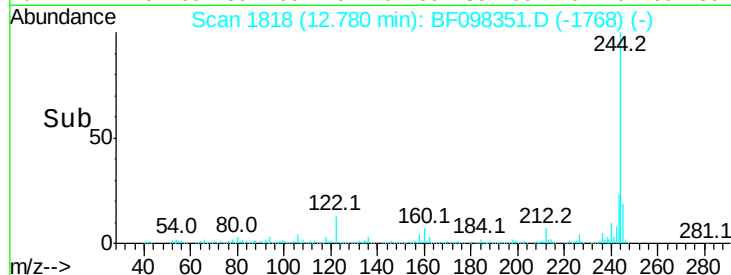
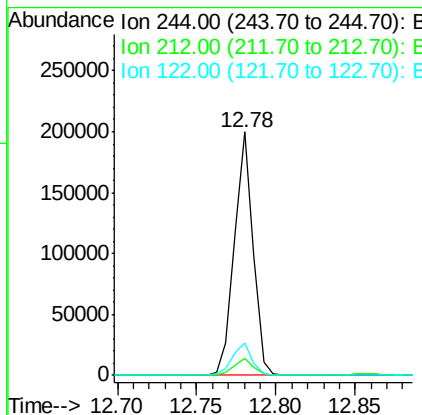
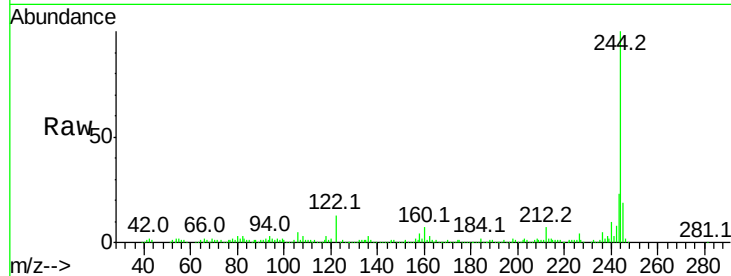
ClientSampleId :

STORM-SEWER-SEDDL

Tot Ion:244	Resp:	164262
Ion Ratio	Lower	Upper
244 100		
212 7.1	6.0	9.0
122 13.1	10.3	15.5

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 2.195 ng

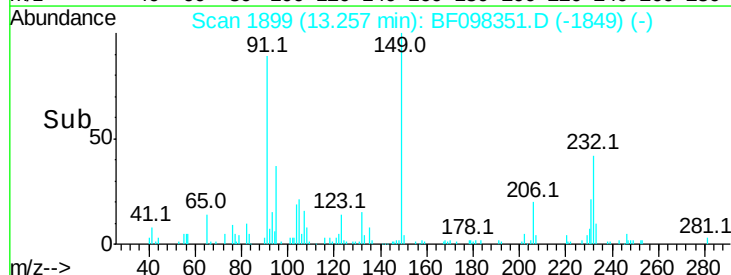
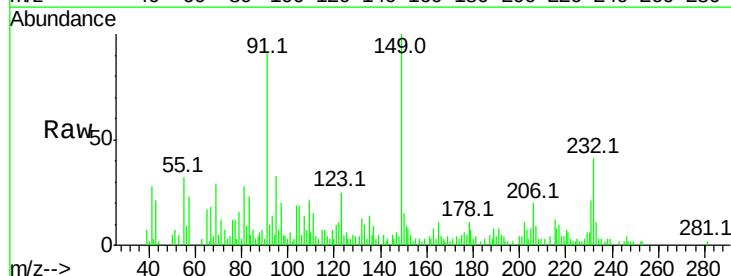
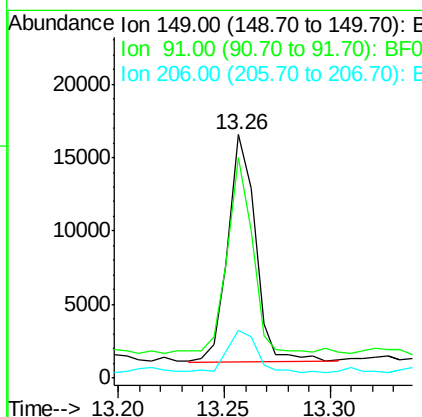
RT: 13.26 min Scan# 1899

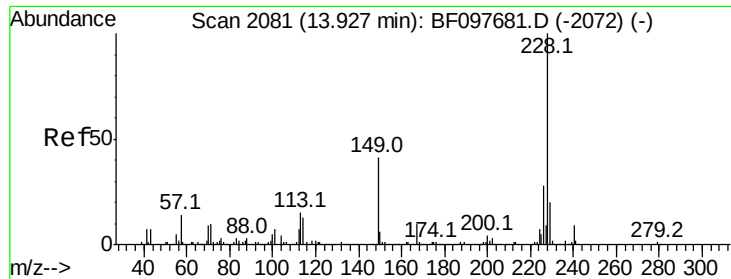
Delta R.T. -0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Tgt Ion:149	Resp:	13834
Ion Ratio	Lower	Upper
149 100		
91 90.7	45.0	67.4#
206 19.8	17.0	25.6





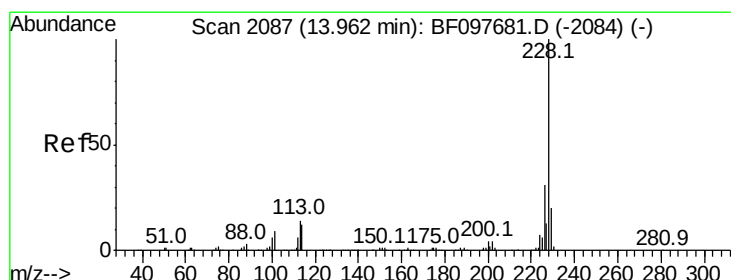
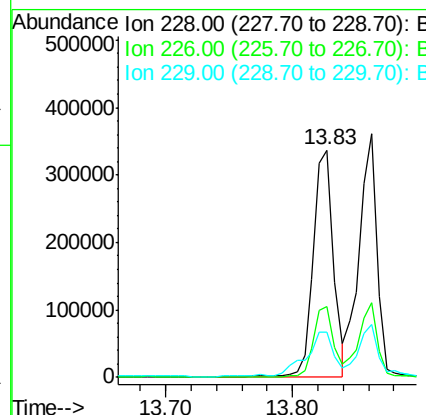
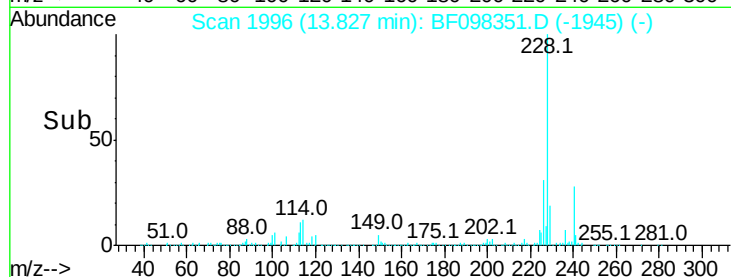
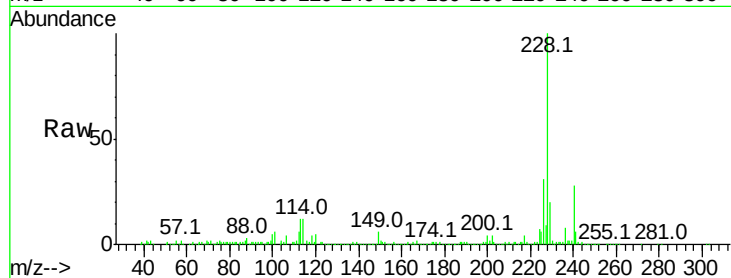
#80
Benzo(a)anthracene
Concen: 30.550 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Instrument :
BNA_F
ClientSampleId :
STORM-SEWER-SEDDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.0	16.3	24.5

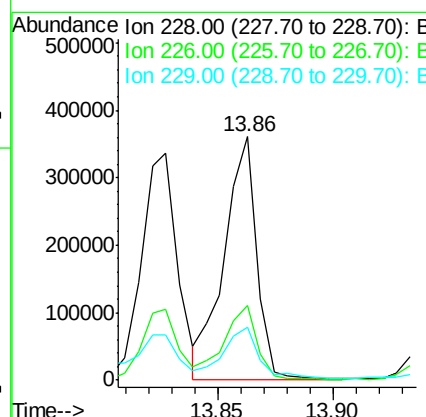
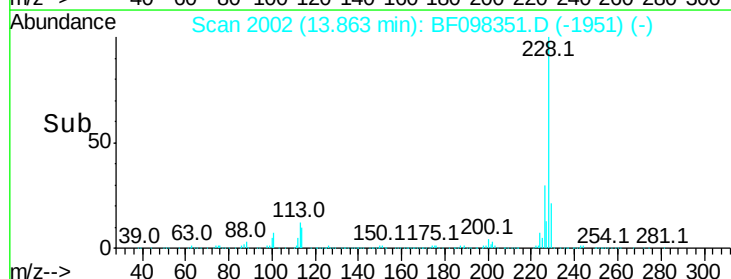
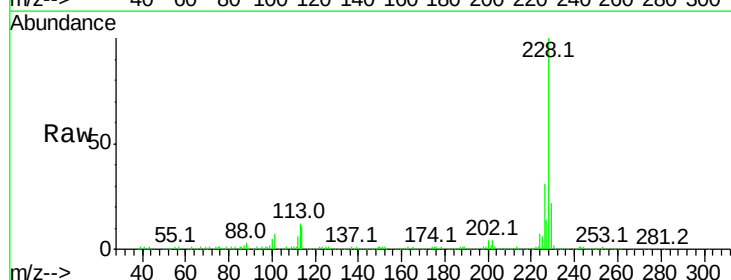
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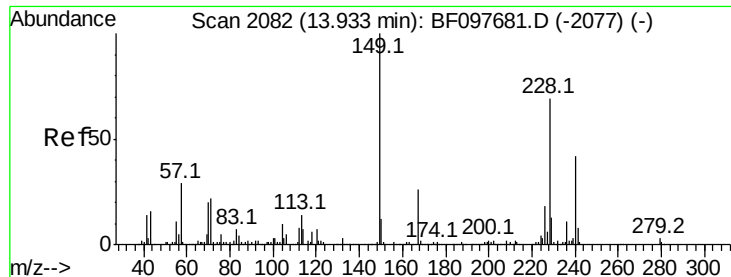
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#82
Chrysene
Concen: 29.387 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.871 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Instrument :

BNA_F

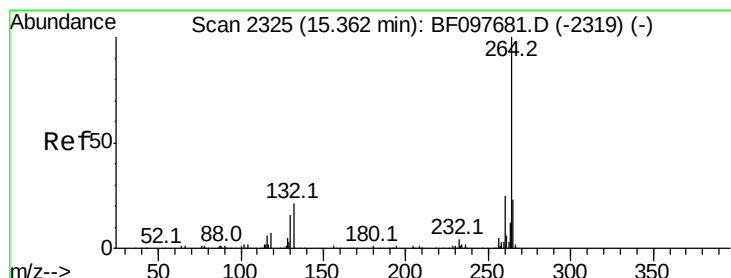
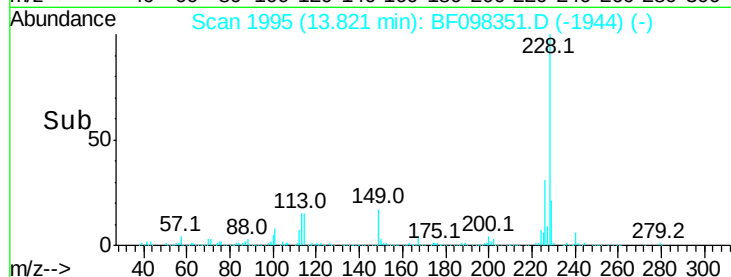
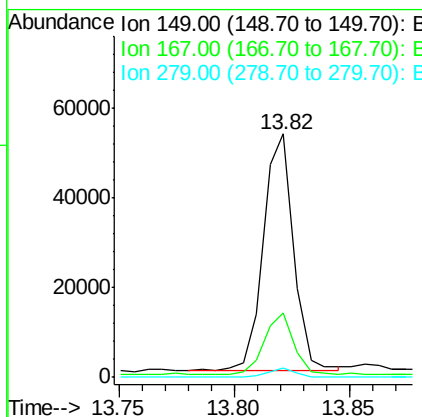
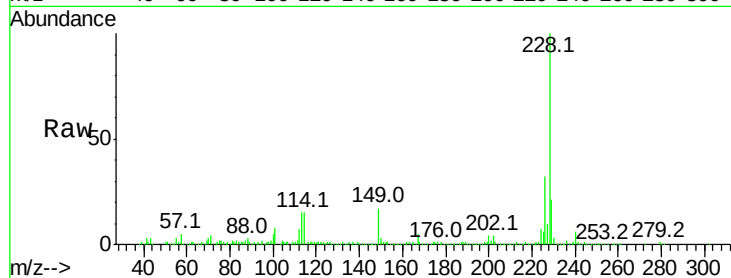
ClientSampleId :

STORM-SEWER-SEDDL

Tot Ion:	149	Resp:	47989
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.0	31.4
279	3.9	1.9	2.9

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

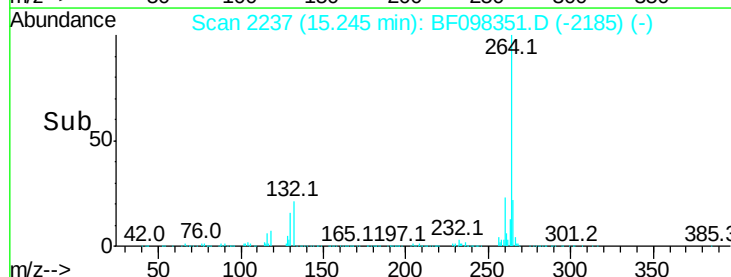
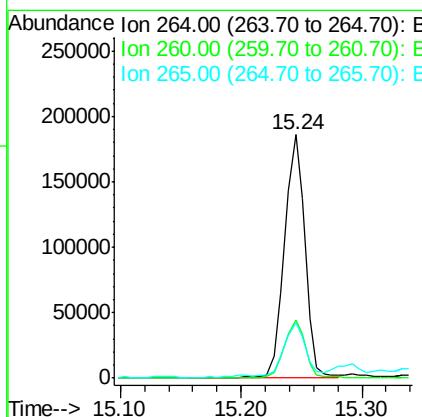
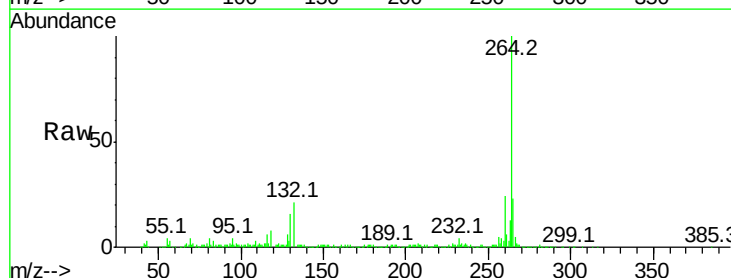
RT: 15.24 min Scan# 2237

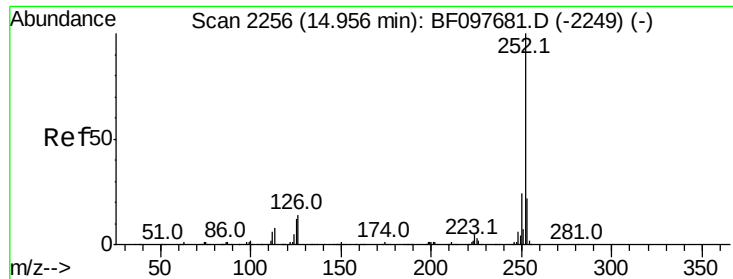
Delta R.T. 0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Tgt Ion:	264	Resp:	218669
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	22.6	17.2	25.8





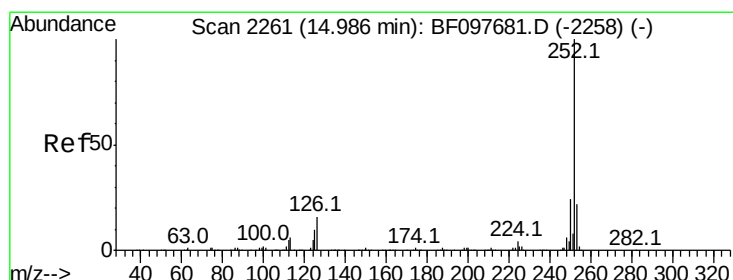
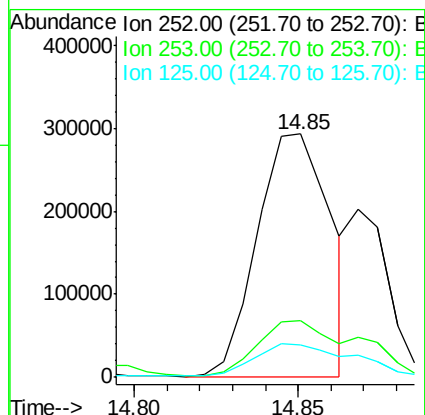
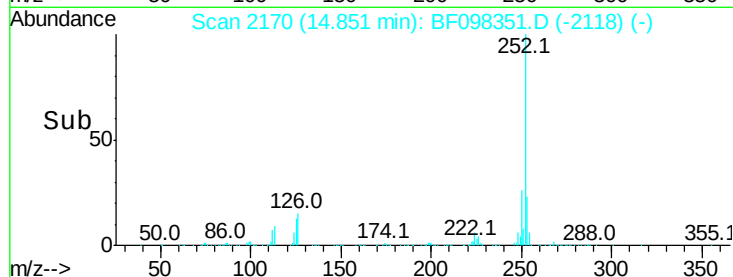
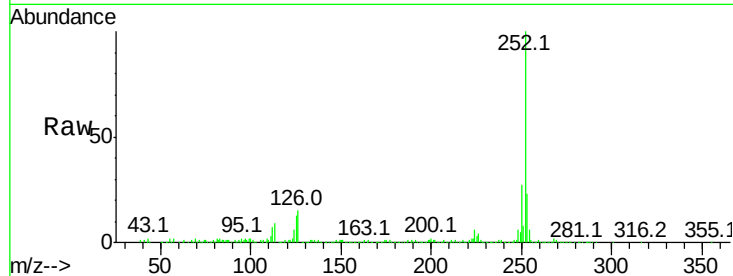
#87
Benzo(b)fluoranthene
Concen: 33.186 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Instrument :
BNA_F
ClientSampleId :
STORM-SEWER-SEDDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	13.4	9.8	14.8

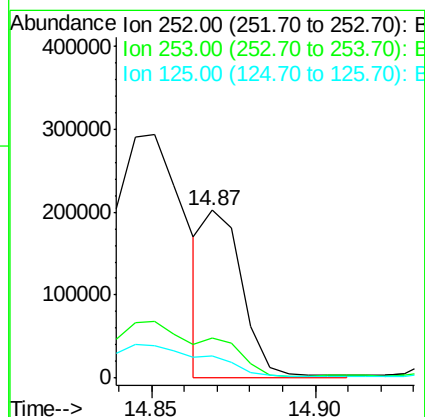
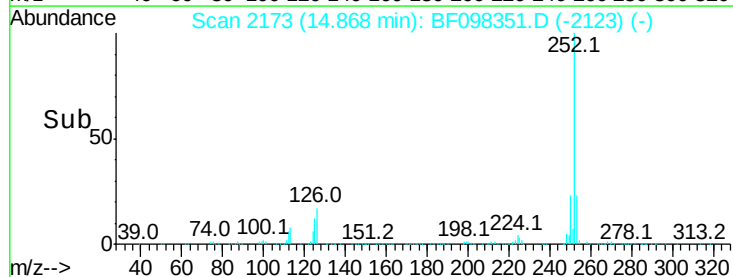
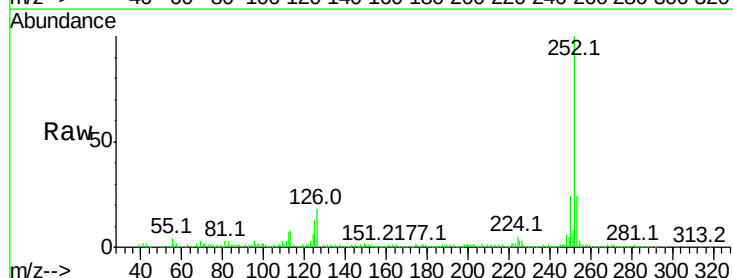
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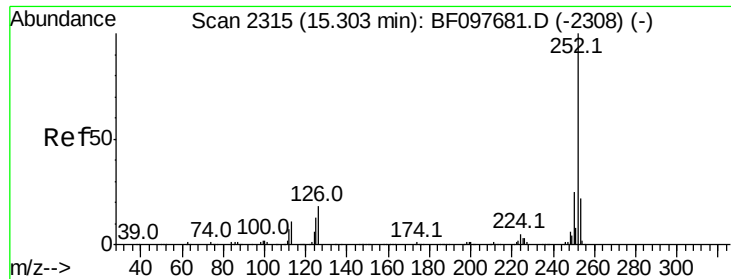
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#88
Benzo(k)fluoranthene
Concen: 12.843 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	13.1	13.1	19.7#





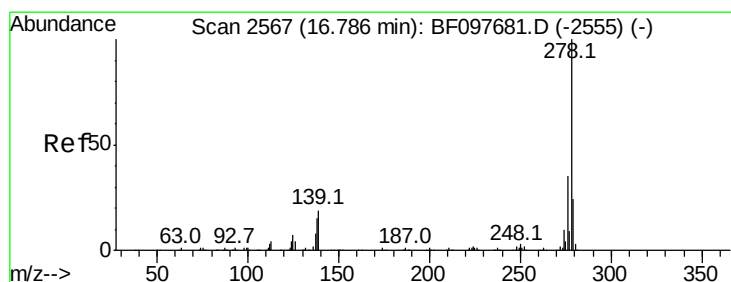
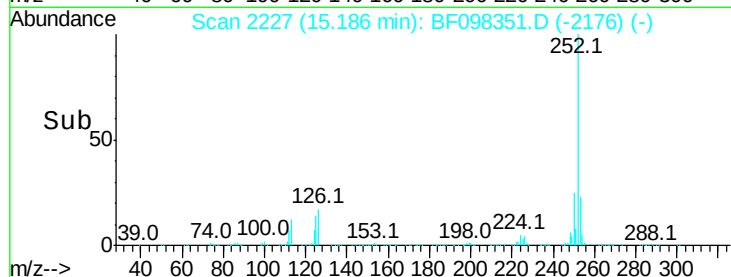
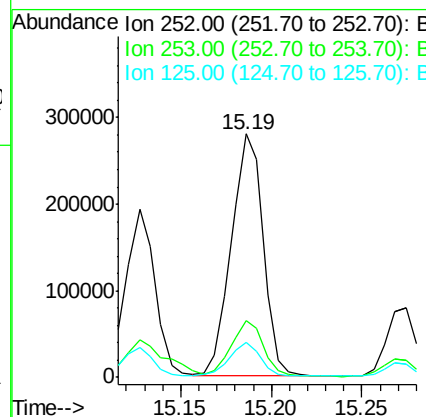
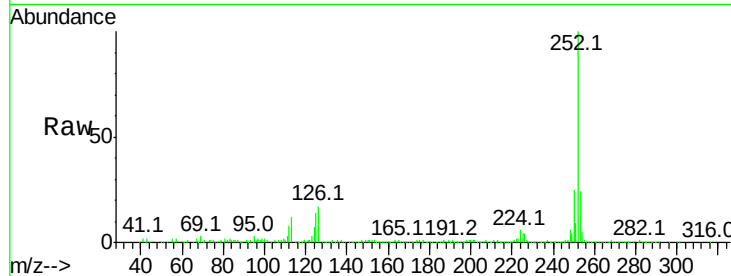
#89
Benzo(a)pyrene
Concen: 28.124 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Instrument :
BNA_F
ClientSampleId :
STORM-SEWER-SEDDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	14.2	11.0	16.4

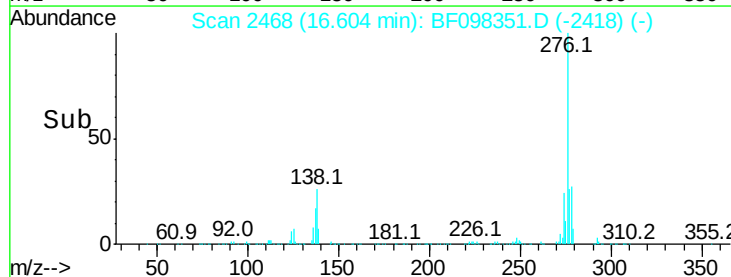
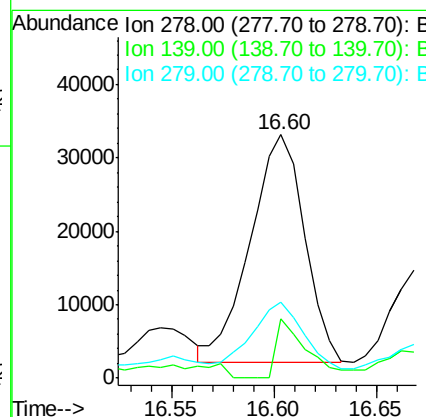
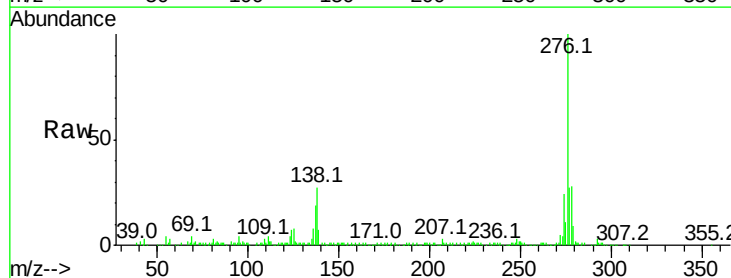
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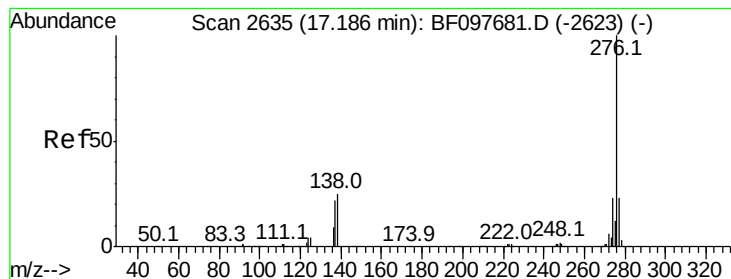
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 5.724 ng m
RT: 16.60 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BF098351.D
Acq: 8 Sep 2017 15:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.5	16.6	24.8
279	31.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 18.398 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF098351.D

Acq: 8 Sep 2017 15:34

Instrument :

BNA_F

ClientSampleId :

STORM-SEWER-SEDDL

Tot Ion:	276	Resp:	190705
Ion Ratio		Lower	Upper
276	100		
277	26.1	18.6	28.0
138	28.6	25.4	38.0

Manual Integrations
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