

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098365.D
 Acq On : 8 Sep 2017 22:03
 Operator : SJ/JU
 Sample : I5113-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-1-12.25-24.5

Manual Integrations
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Quant Time: Sep 09 02:53:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	96894	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	337894	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	122426	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	202965	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	214309	20.00	ng	-0.02
86) Perylene-d12	15.25	264	154587	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	647896	101.71	ng	0.00
7) Phenol-d6	6.34	99	864658	99.90	ng	-0.01
23) Nitrobenzene-d5	7.25	82	508066	81.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	111657	105.11	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	702647	84.32	ng	-0.02
78) Terphenyl-d14	12.79	244	503147	48.96	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	36404	3.596	ng	96
31) Naphthalene	7.99	128	49811	2.840	ng	100
49) Dimethylphthalate	9.44	163	80222	8.964	ng	98
70) Phenanthrene	11.22	178	65738	6.078	ng	98
74) Fluoranthene	12.41	202	101366	8.979	ng	97
77) Pyrene	12.64	202	94670	5.401	ng	96
80) Benzo(a)anthracene	13.83	228	43580	3.393	ng	92
82) Chrysene	13.86	228	48230	3.775	ng	97
83) Bis(2-ethylhexyl)phthalate	13.82	149	20623	2.769	ng	# 99
87) Benzo(b)fluoranthene	14.85	252	46642m	4.787	ng	
89) Benzo(a)pyrene	15.19	252	30334	3.516	ng	# 72
91) Benzo(a,h,i)perylene	17.01	276	16998	2.320	ng	# 96

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

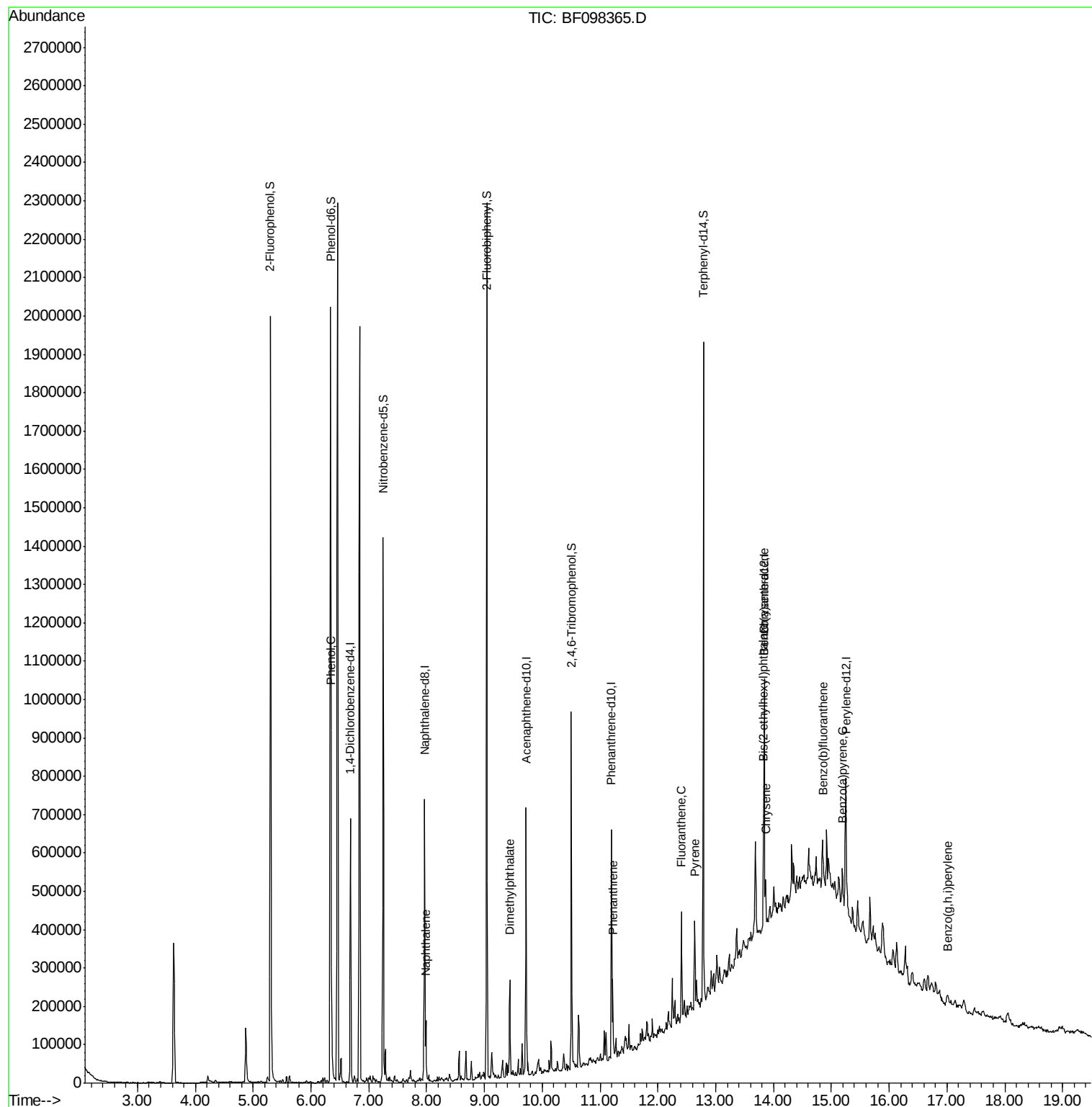
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098365.D
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ALS Vial : 20 Sample Multiplier: 1

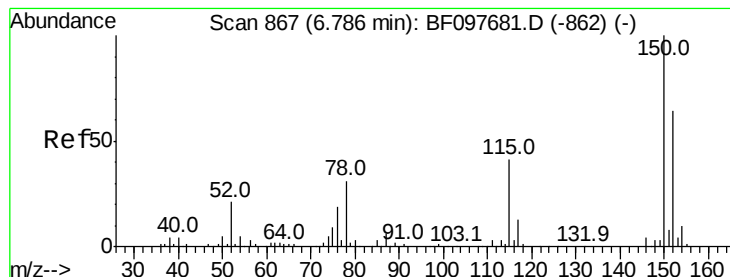
Instrument :
BNA_F
ClientSampleId :
RL-1-12.25-24.5

Manual Integrations
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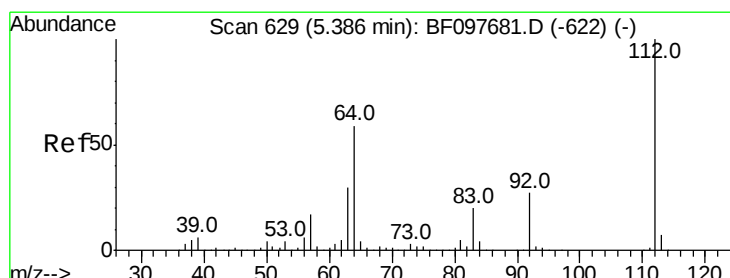
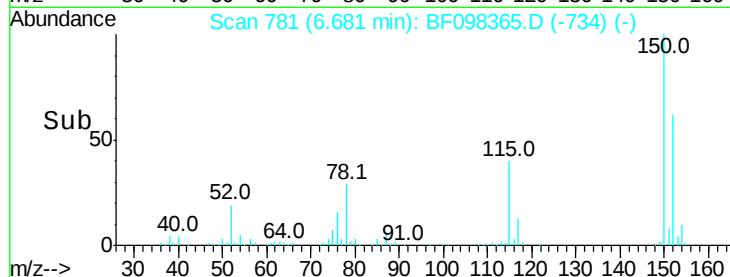
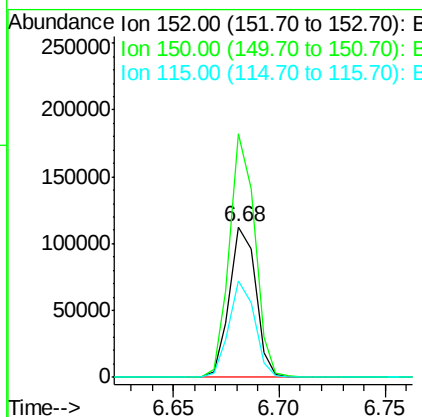
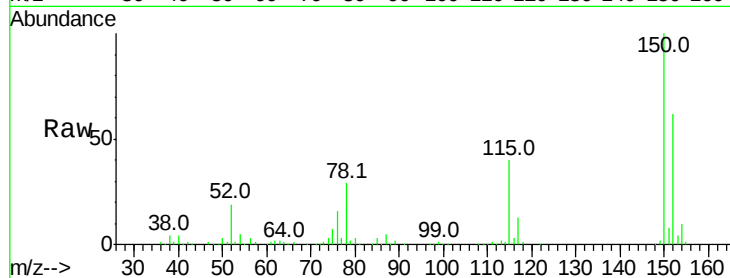
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF098365.D
 Acq: 8 Sep 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :
 RL-1-12.25-24.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.2	189.2
115	64.4	52.2	78.2

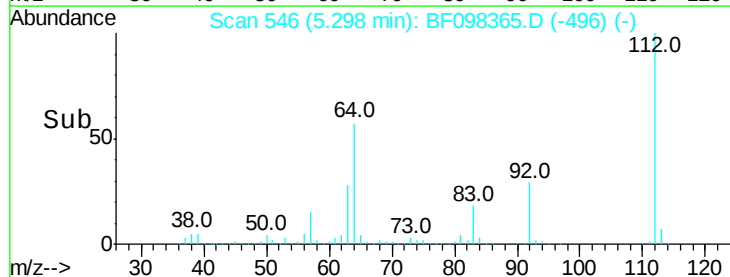
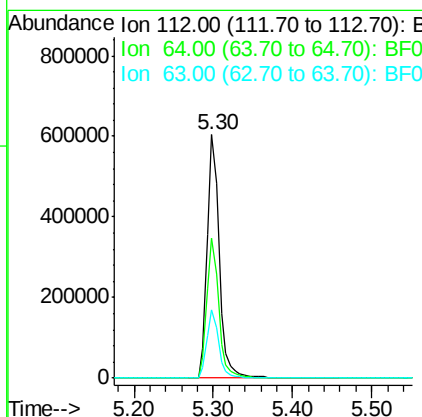
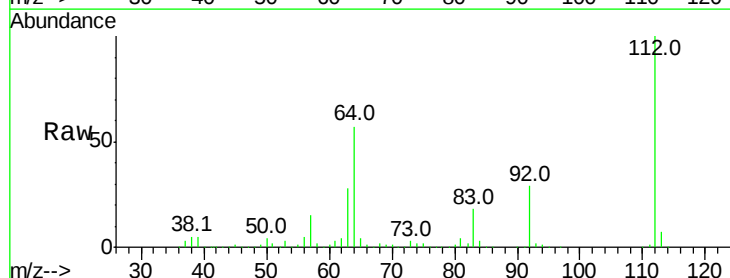
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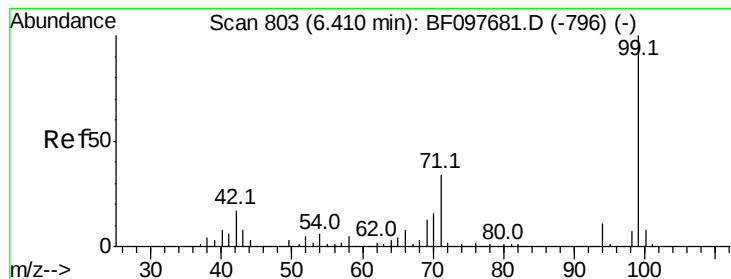
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#5
 2-Fluorophenol
 Concen: 101.709 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF098365.D
 Acq: 8 Sep 2017 22:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.0	69.0
63	28.1	23.4	35.0





#7

Phenol-d6

Concen: 99.901 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

Instrument :

BNA_F

ClientSampled :

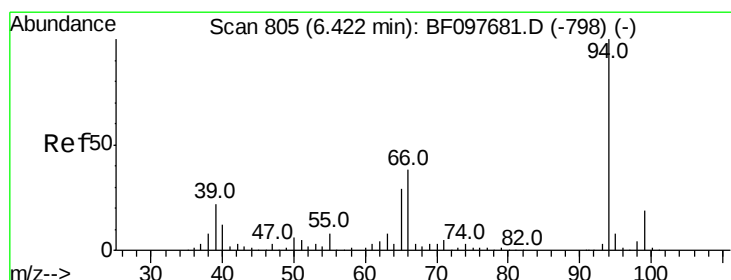
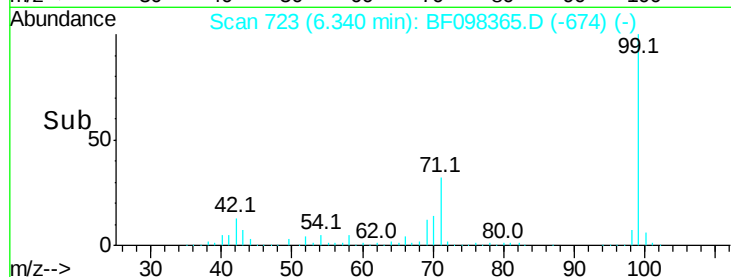
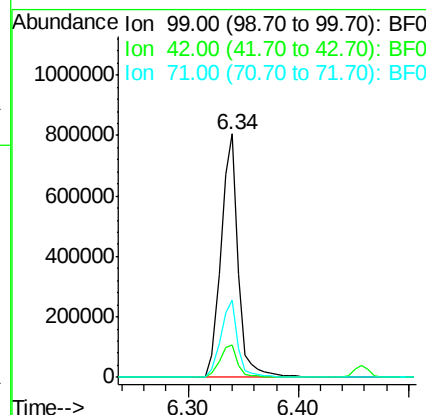
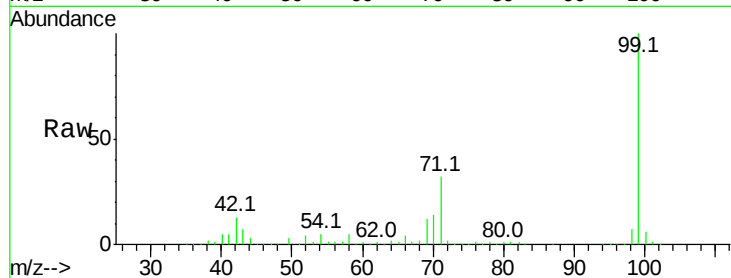
RL-1-12.25-24.5

Tot Ion:	99	Resp:	864658
Ion Ratio	Lower	Upper	
99	100		
42	13.3	13.5	20.3#
71	31.6	24.5	36.7

Manual Integrations
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#10

Phenol

Concen: 3.596 ng

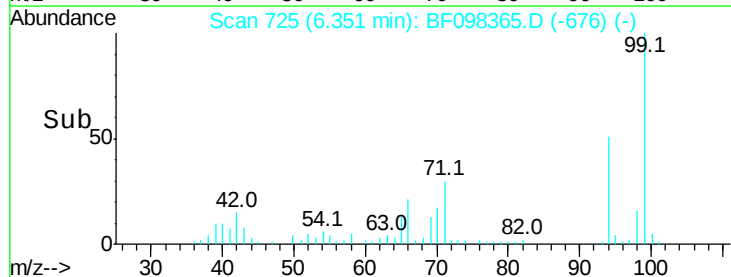
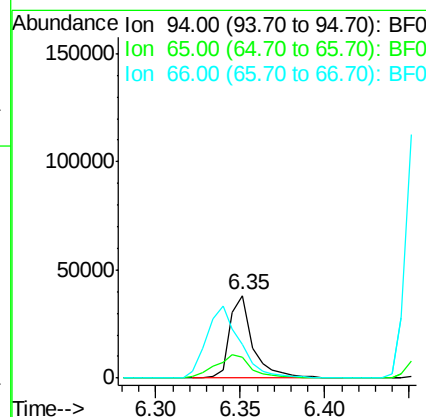
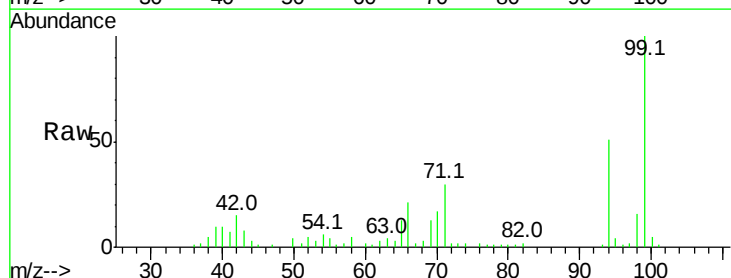
RT: 6.35 min Scan# 725

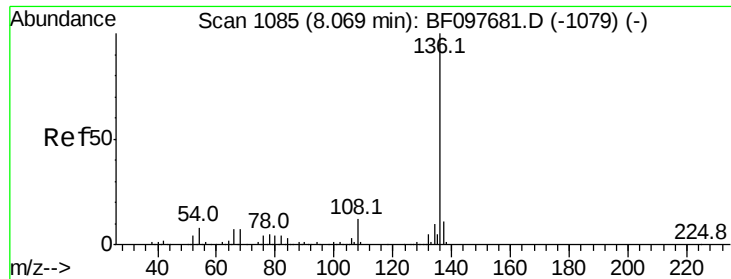
Delta R.T. -0.01 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

Tgt Ion:	94	Resp:	36404
Ion Ratio	Lower	Upper	
94	100		
65	25.9	9.9	49.9
66	41.6	23.1	63.1





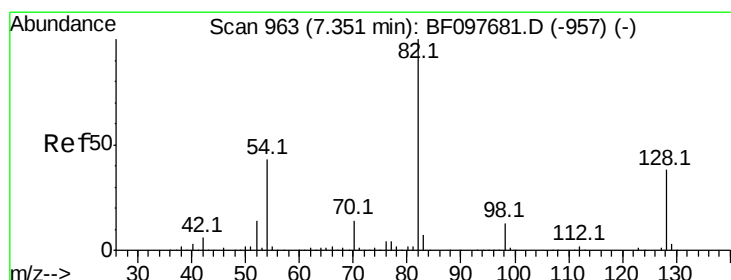
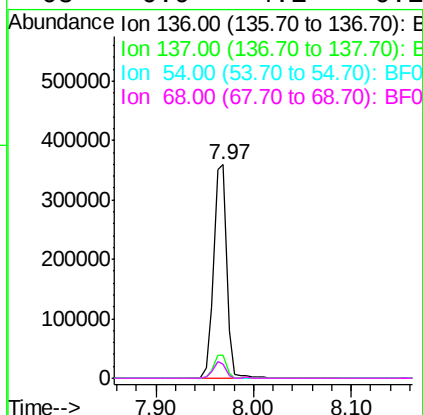
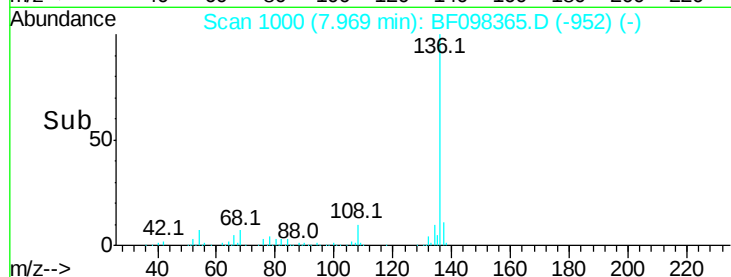
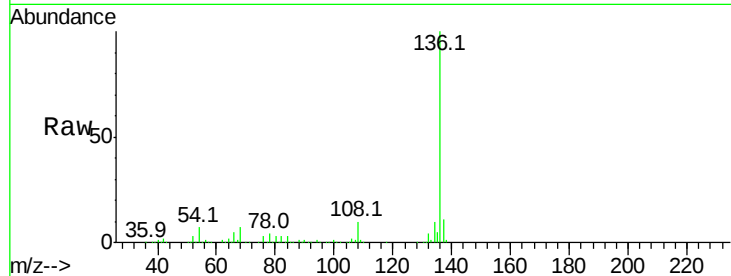
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Instrument :
BNA_F
ClientSampleId :
RL-1-12.25-24.5

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.5	12.7	
54	6.6	4.9	7.3	
68	6.9	4.1	6.1#	

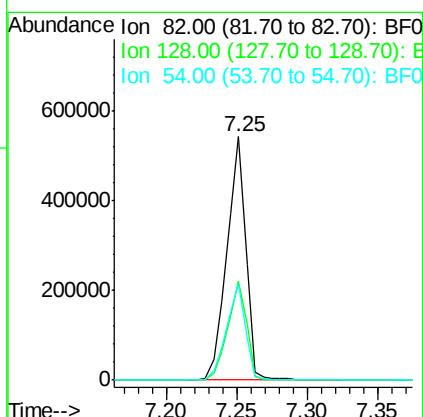
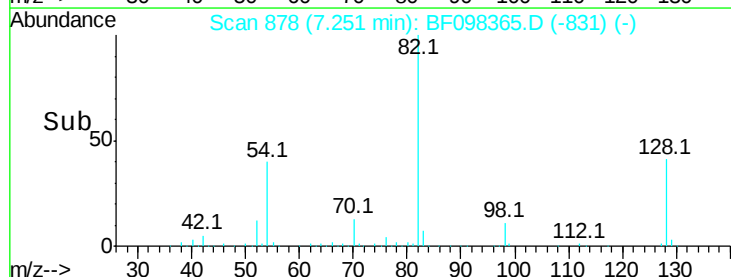
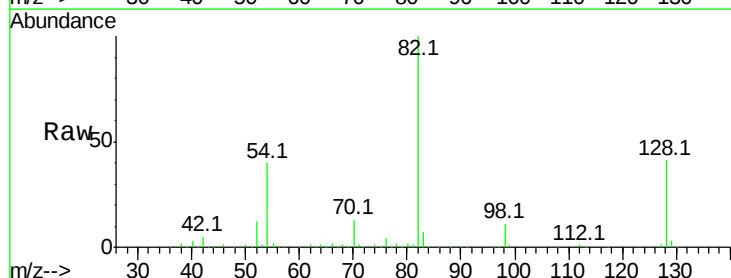
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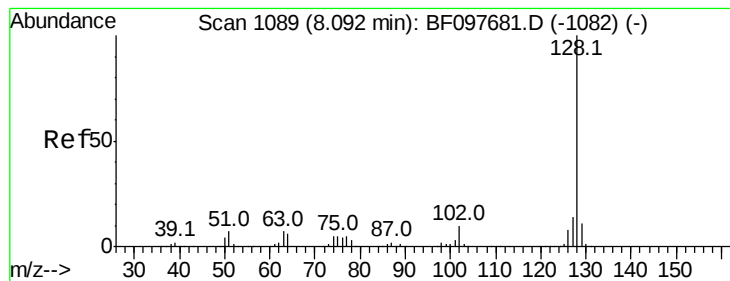
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#23
Nitrobenzene-d5
Concen: 81.684 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.7	34.0	51.0	
54	39.5	42.2	63.2#	





#31

Naphthalene

Concen: 2.840 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

Instrument :

BNA_F

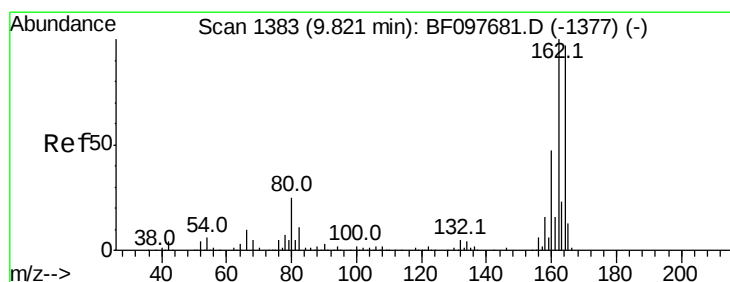
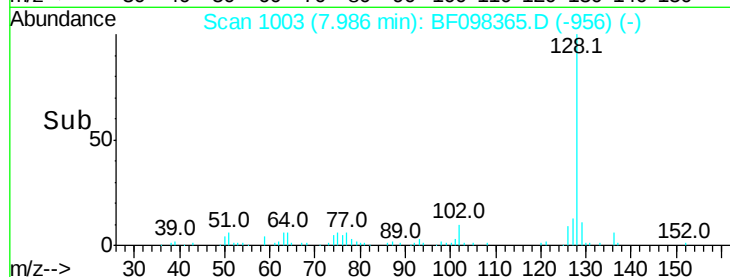
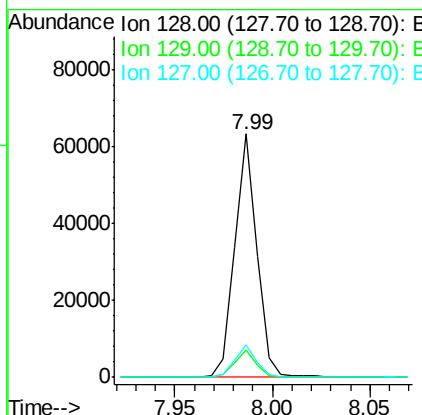
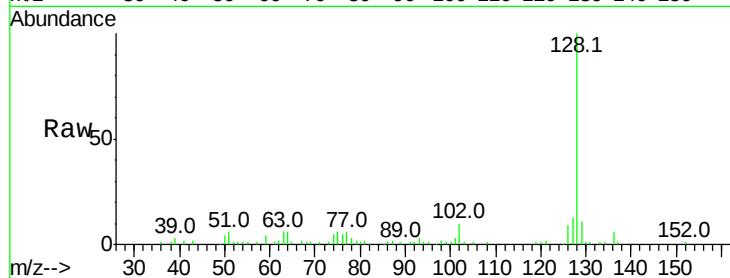
ClientSampleId :

RL-1-12.25-24.5

Tot Ion:128	Resp:	49811
Ion Ratio	Lower	Upper
128 100		
129 11.2	9.0	13.6
127 13.2	10.8	16.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

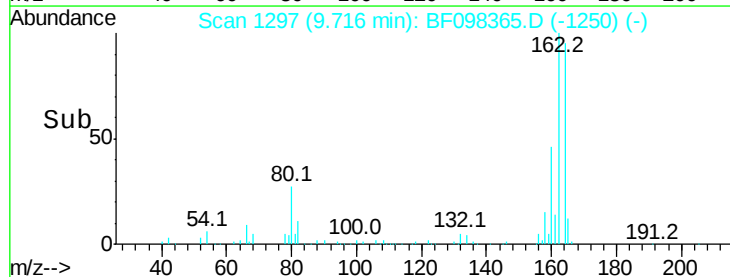
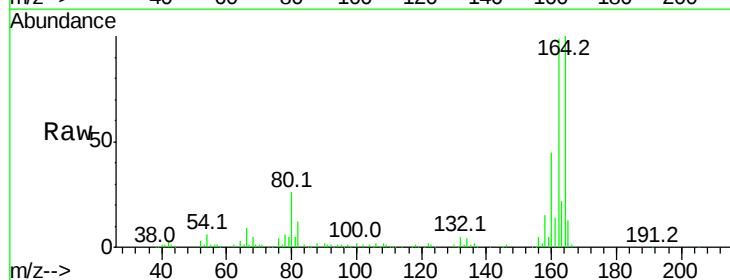
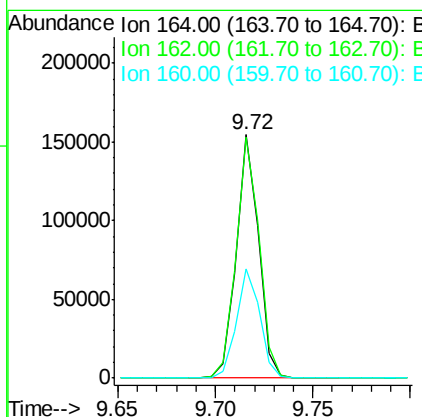
RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

Tgt Ion:164	Resp:	122426
Ion Ratio	Lower	Upper
164 100		
162 99.2	82.6	123.8
160 44.9	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 105.114 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

Instrument :

BNA_F

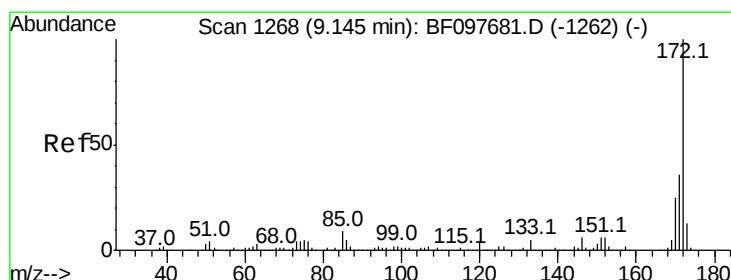
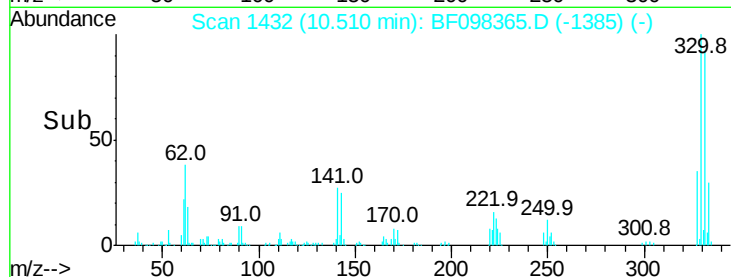
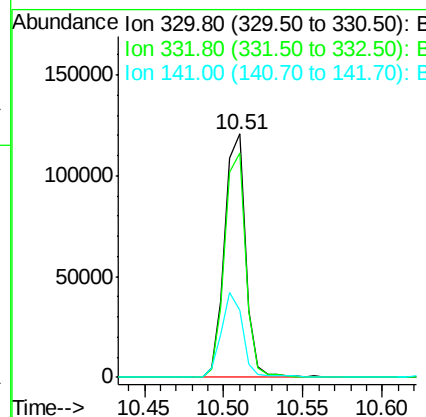
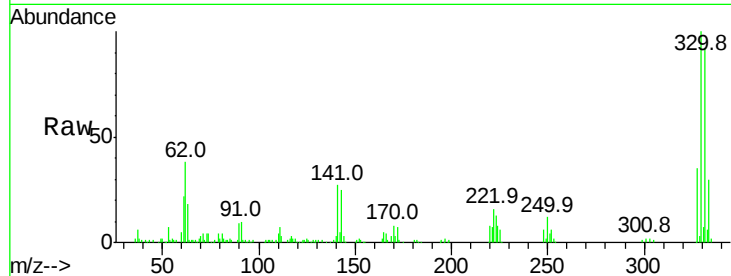
ClientSampleId :

RL-1-12.25-24.5

Tot Ion:	330	Resp:	111657
Ion Ratio	Lower	Upper	
330	100		
332	93.4	76.6	115.0
141	35.9	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 84.323 ng

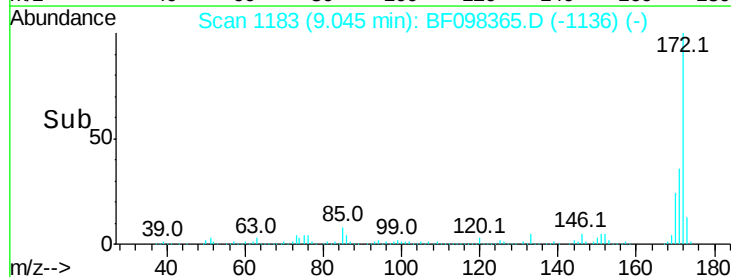
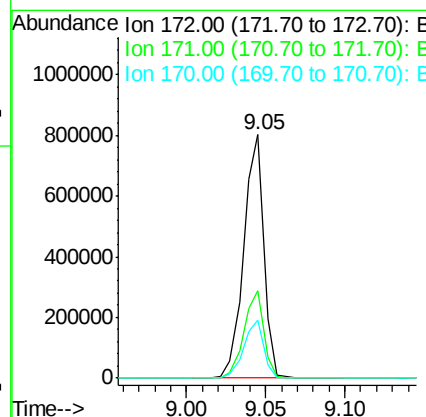
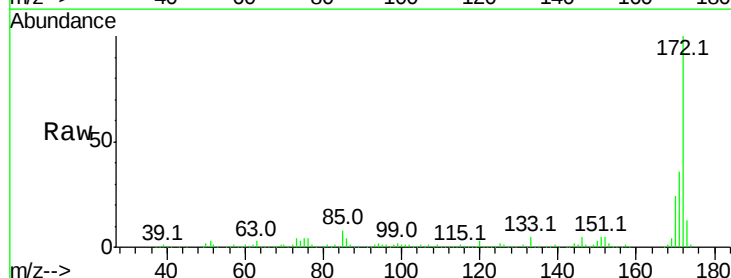
RT: 9.05 min Scan# 1183

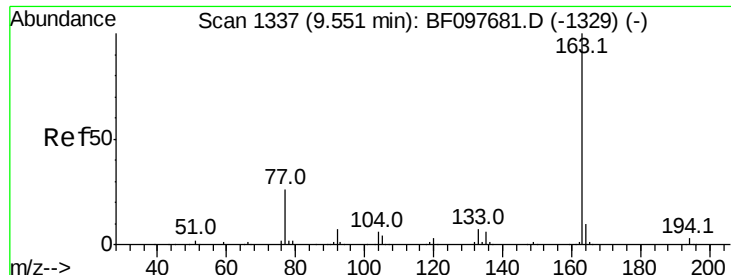
Delta R.T. -0.02 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

Tgt Ion:	172	Resp:	702647
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.0	19.8	29.8





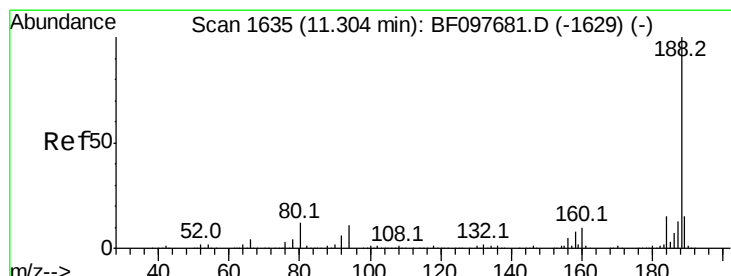
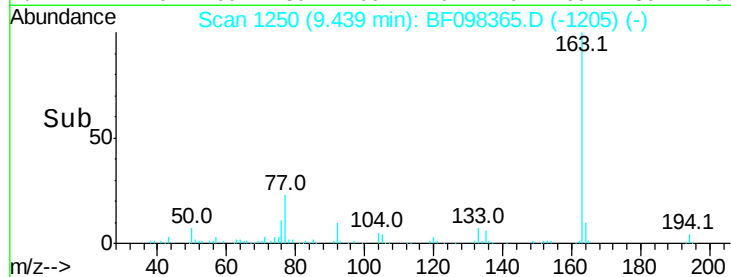
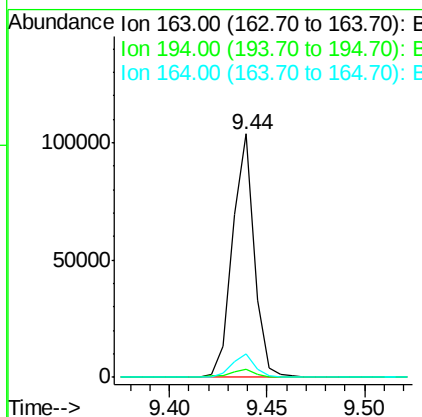
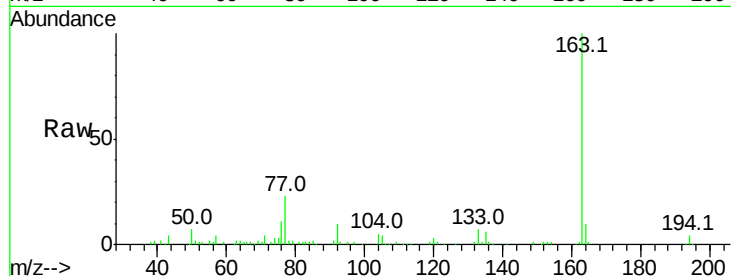
#49
Dimethylphthalate
Concen: 8.964 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Instrument :
BNA_F
ClientSampleId :
RL-1-12.25-24.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	80222		
194	3.6		2.6	4.0
164	9.7		8.4	12.6

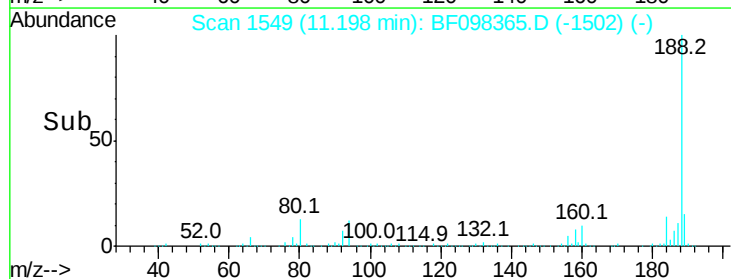
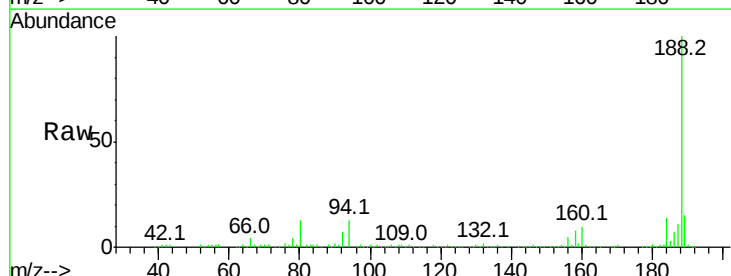
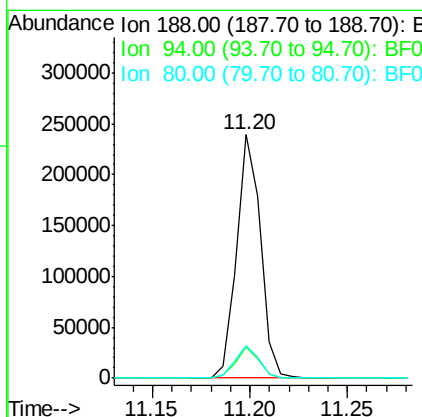
Manual Integrations
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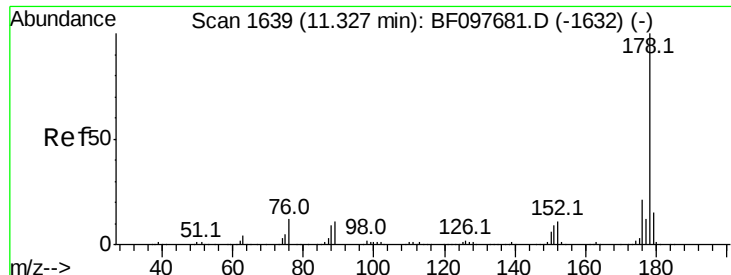
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	202965		
94	12.6		9.4	14.2
80	13.3		10.2	15.2





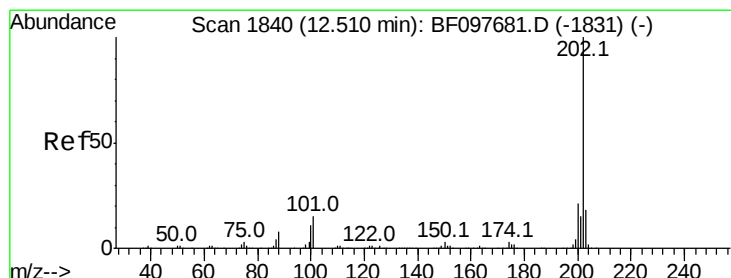
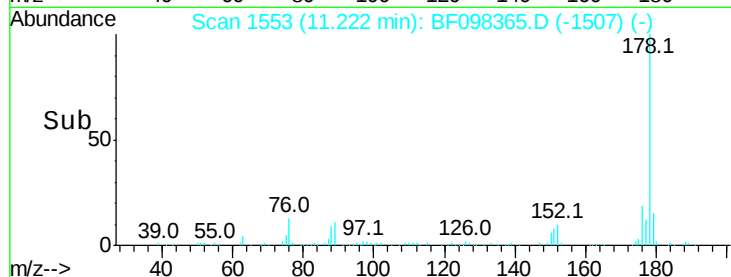
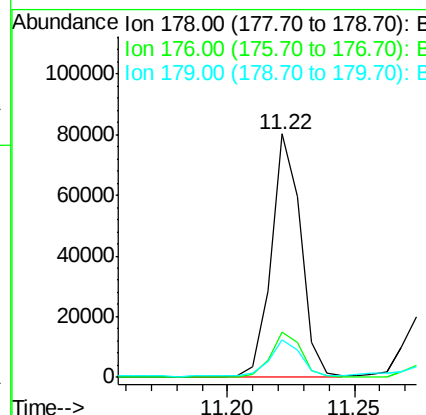
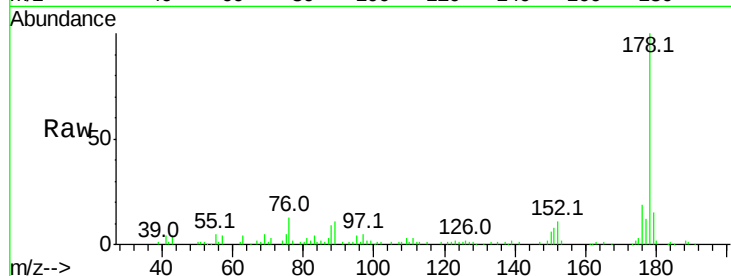
#70
Phenanthrene
Concen: 6.078 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.03 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Instrument :
BNA_F
ClientSampled :
RL-1-12.25-24.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.4	12.6	19.0

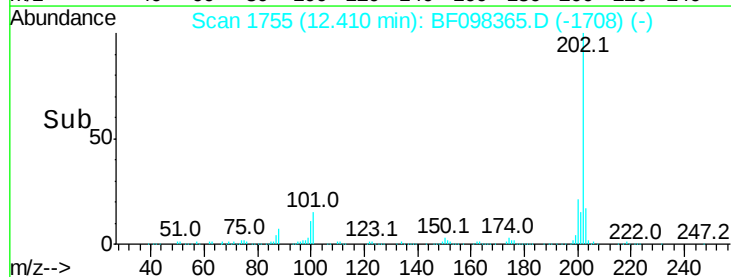
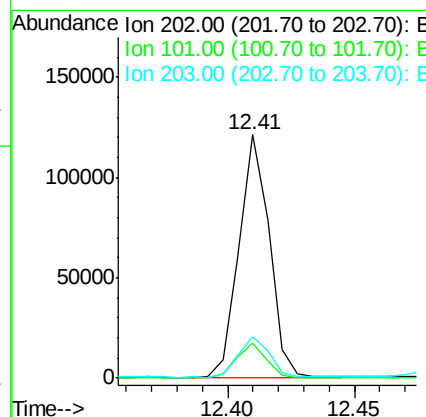
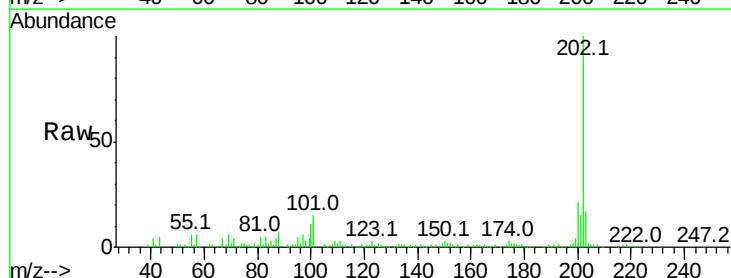
Manual Integrations
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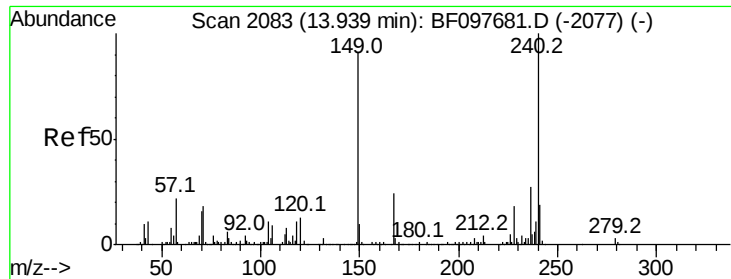
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#74
Fluoranthene
Concen: 8.979 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

Instrument :

BNA_F

ClientSampleId :

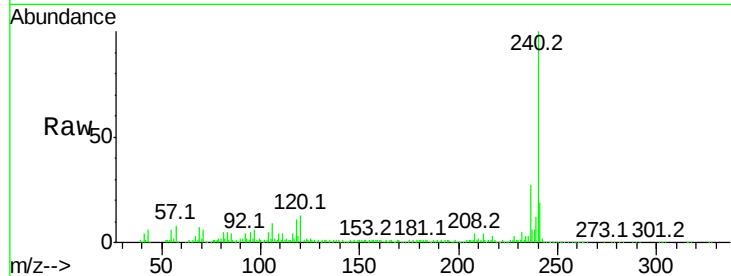
RL-1-12.25-24.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	26.6	20.5	30.7

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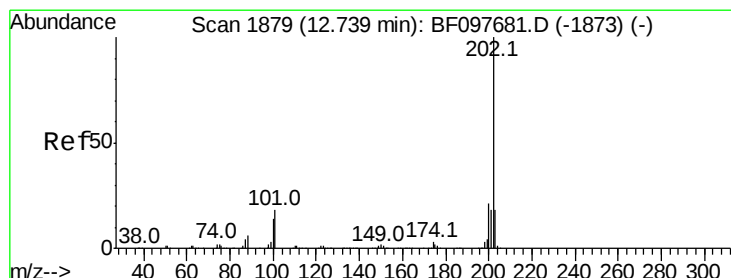
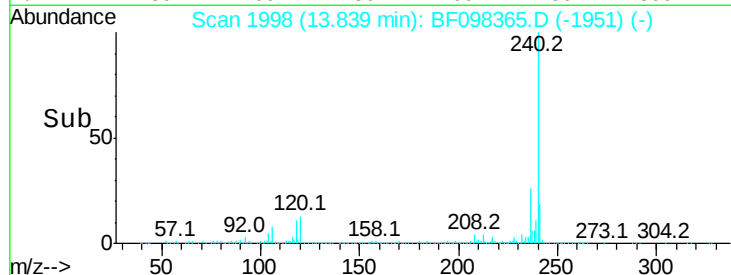
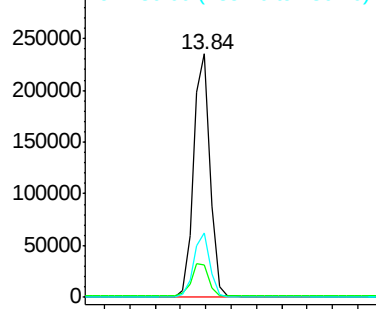


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.401 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

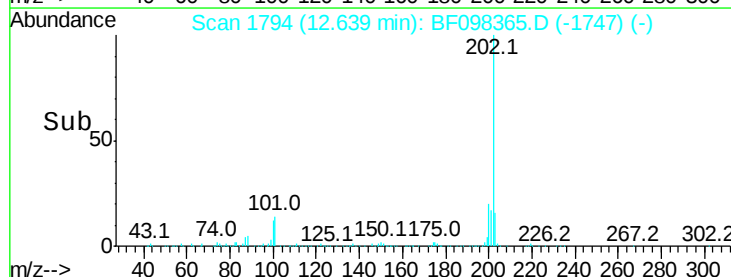
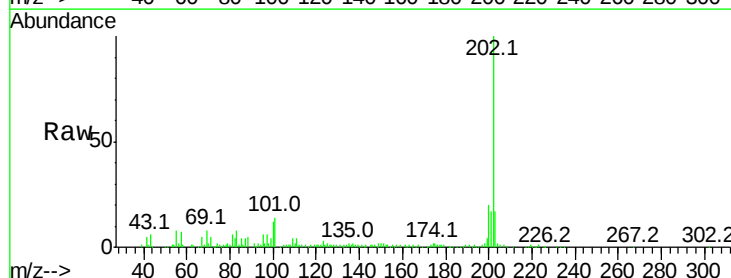
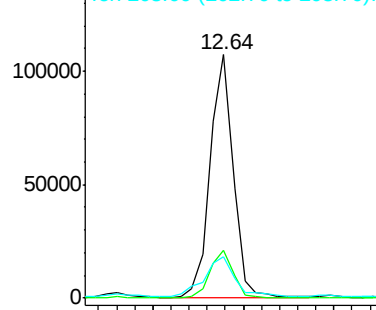
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	16.9	14.4	21.6

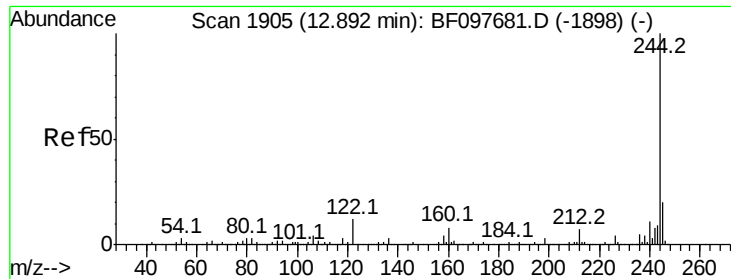
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





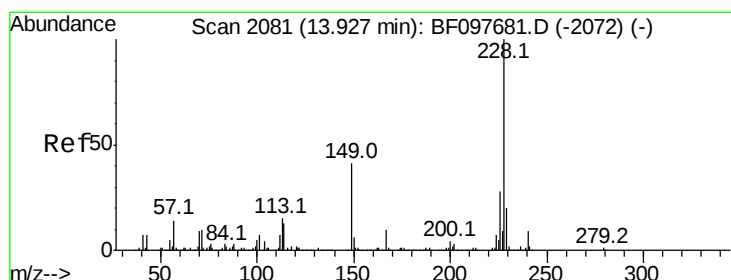
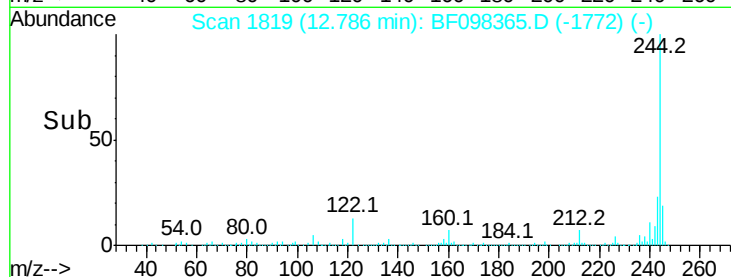
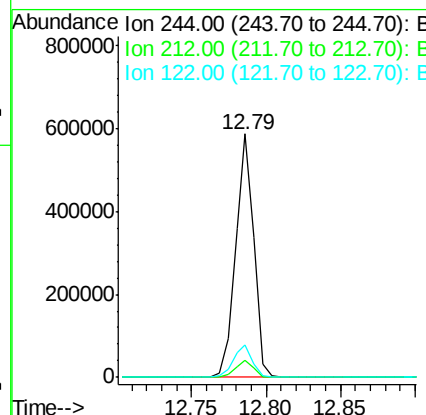
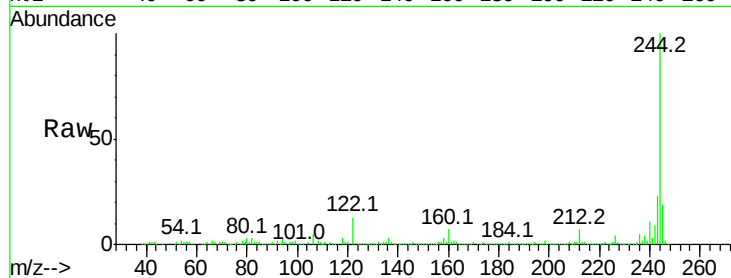
#78
 Terphenyl-d14
 Concen: 48.959 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BF098365.D
 Acq: 8 Sep 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :
 RL-1-12.25-24.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.1	10.3	15.5

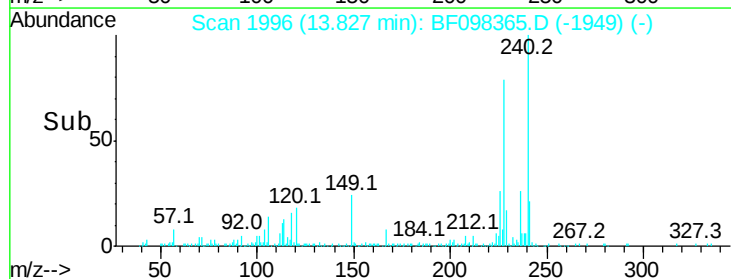
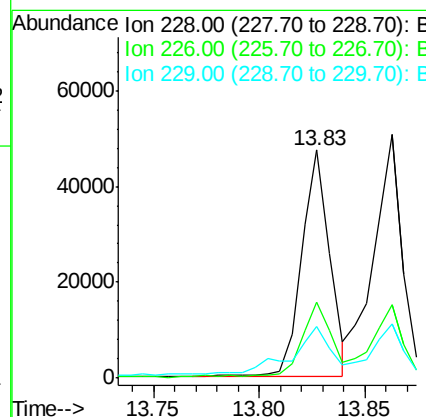
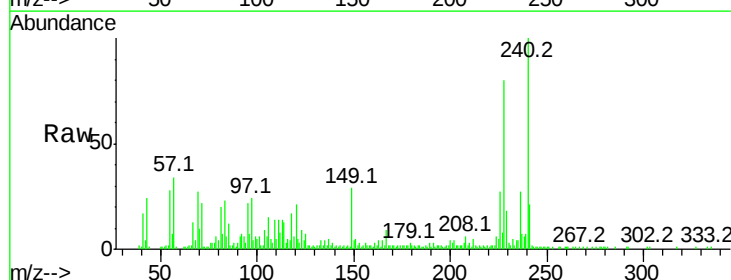
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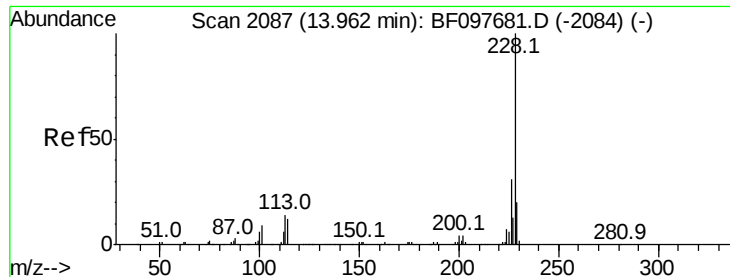
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#80
 Benzo(a)anthracene
 Concen: 3.393 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF098365.D
 Acq: 8 Sep 2017 22:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.6	33.8
229	22.9	16.3	24.5





#82

Chrysene

Concen: 3.775 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

Instrument :

BNA_F

ClientSampleId :

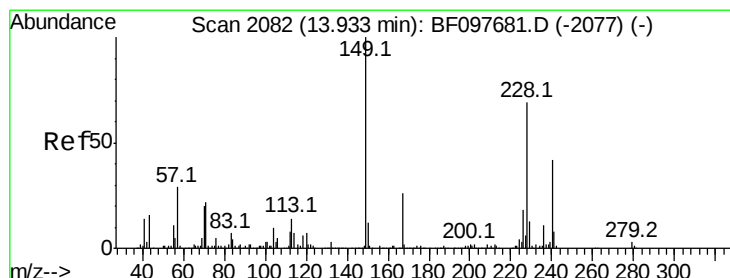
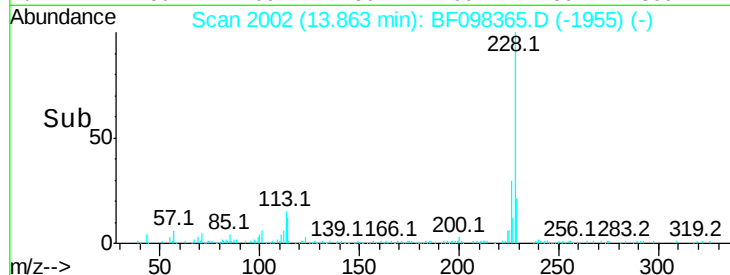
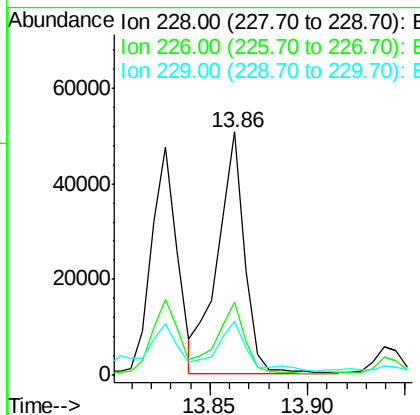
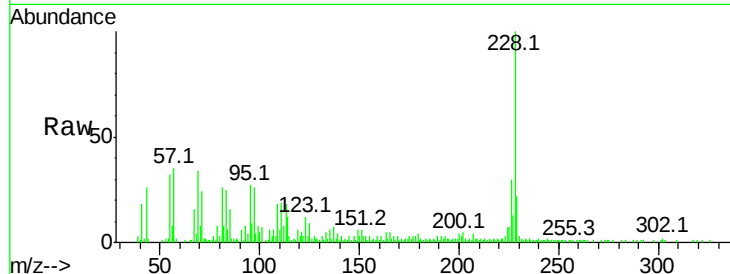
RL-1-12.25-24.5

Tot Ion:	228	Resp:	48230
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.9	37.3
229	22.1	15.8	23.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.769 ng

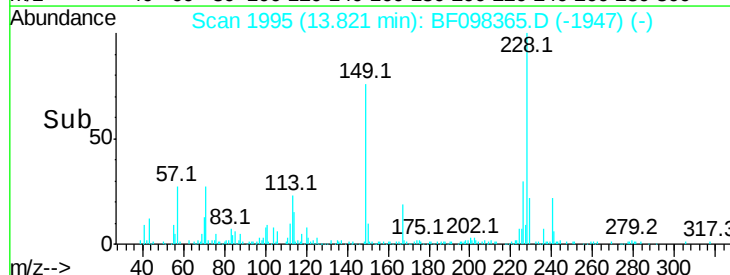
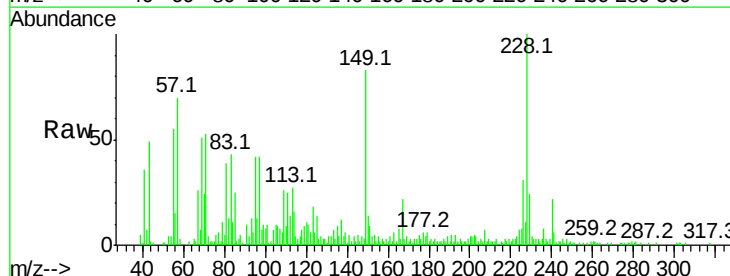
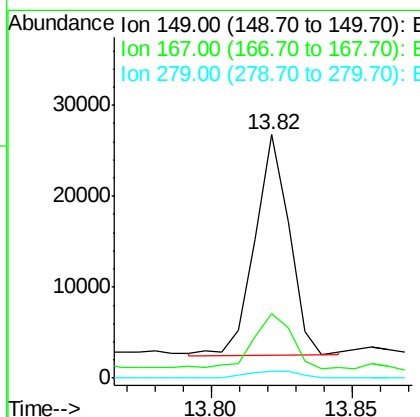
RT: 13.82 min Scan# 1995

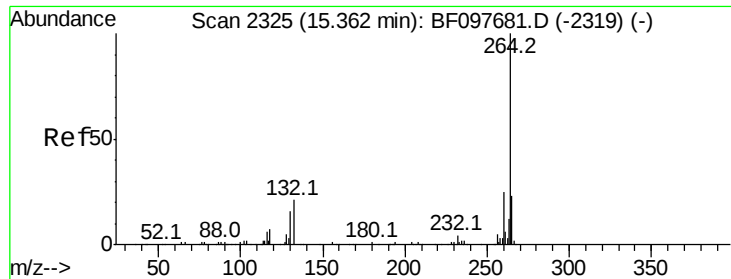
Delta R.T. -0.02 min

Lab File: BF098365.D

Acq: 8 Sep 2017 22:03

Tgt Ion:	149	Resp:	20623
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.0	31.4
279	2.9	1.9	2.9#





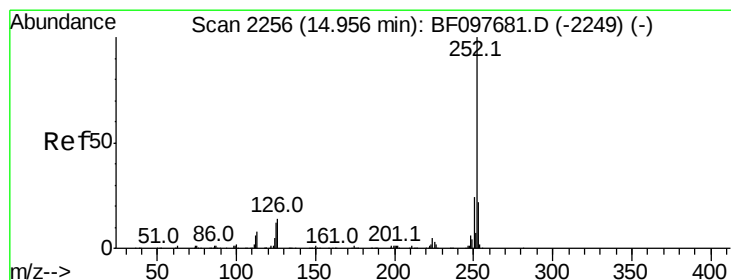
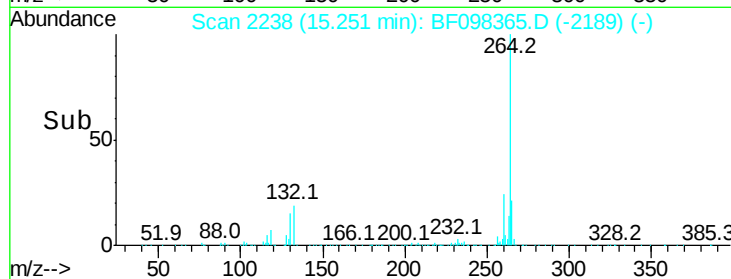
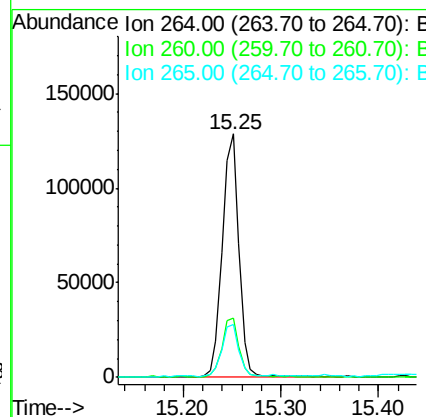
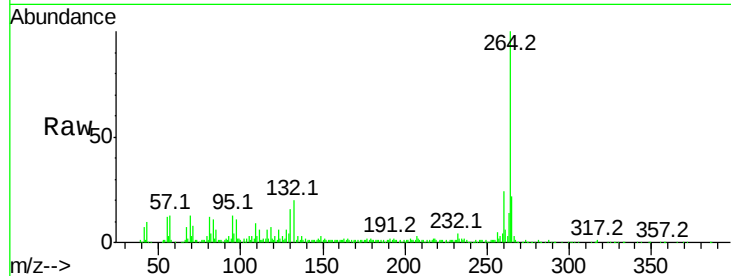
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Instrument :
BNA_F
ClientSampled :
RL-1-12.25-24.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	17.2	25.8

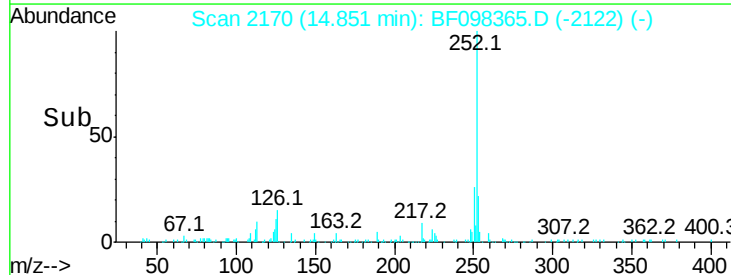
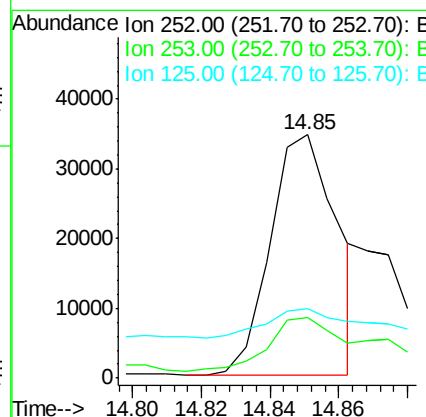
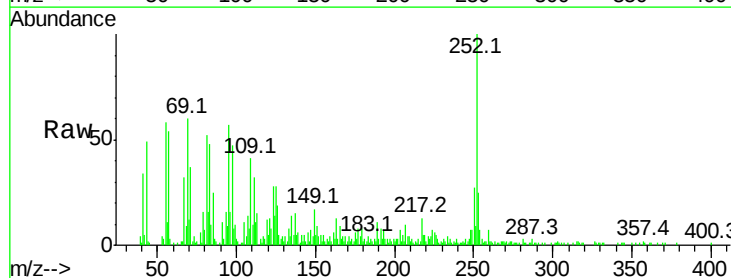
Manual Integrations
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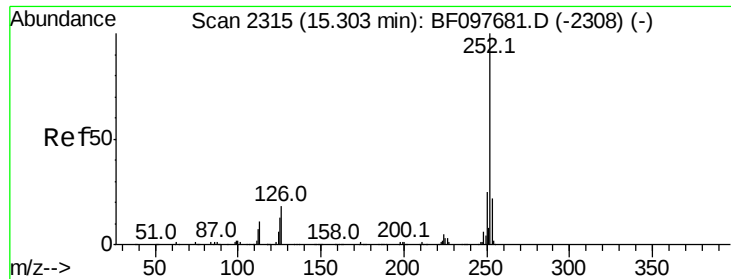
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#87
Benzo(b)fluoranthene
Concen: 4.787 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.1	27.1
125	28.4	9.8	14.8#





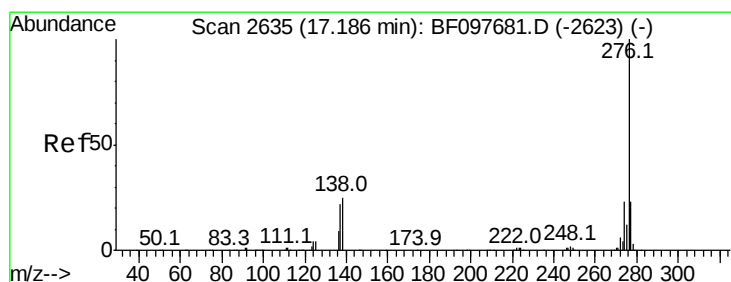
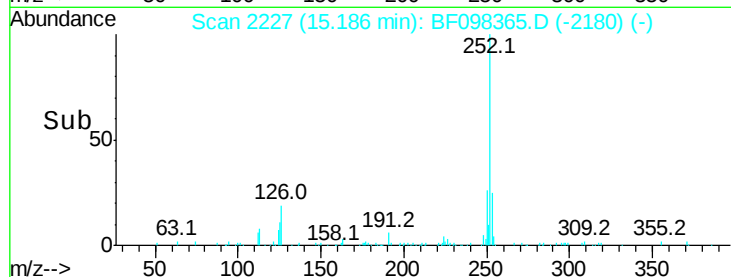
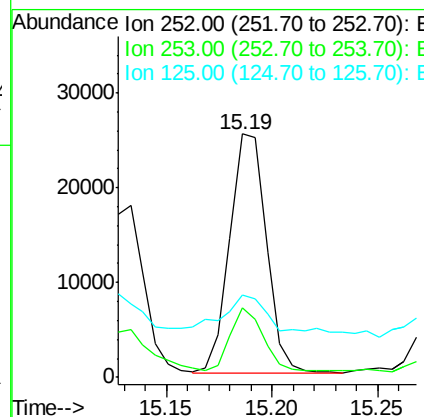
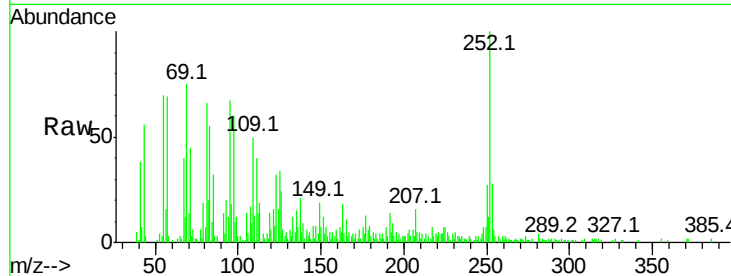
#89
Benzo(a)pyrene
Concen: 3.516 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Instrument :
BNA_F
ClientSampleId :
RL-1-12.25-24.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.5	26.3#
125	33.9	11.0	16.4#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.320 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.04 min
Lab File: BF098365.D
Acq: 8 Sep 2017 22:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.6	28.0#
138	31.8	25.4	38.0

