

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098366.D
 Acq On : 8 Sep 2017 22:30
 Operator : SJ/JU
 Sample : I5113-05 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-3-0-11.75

Manual Integrations
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Quant Time: Sep 09 03:02:56 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	94610	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	326364	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	119724	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	201543	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	221825	20.00	ng	-0.02
86) Perylene-d12	15.24	264	161100	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	55395	8.91	ng	-0.02
7) Phenol-d6	6.33	99	78337	9.27	ng	-0.02
23) Nitrobenzene-d5	7.25	82	41408	6.89	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	8034	7.73	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	69730	8.56	ng	-0.03
78) Terphenyl-d14	12.78	244	52248	4.91	ng	-0.03
Target Compounds						Qvalue
51) Acenaphthene	9.75	154	30198	3.780	ng	93
57) Fluorene	10.26	166	32881	3.972	ng	93
70) Phenanthrene	11.23	178	404788	37.691	ng	98
71) Anthracene	11.27	178	110499	10.144	ng	98
72) Carbazole	11.43	167	55540	5.372	ng	94
74) Fluoranthene	12.42	202	519592	46.352	ng	99
77) Pyrene	12.64	202	459193	25.310	ng	98
80) Benzo(a)anthracene	13.83	228	200372	15.071	ng	98
82) Chrysene	13.86	228	182904m	13.830	ng	
85) Indeno(1,2,3-cd)pyrene	16.60	276	55102	5.664	ng	# 91
87) Benzo(b)fluoranthene	14.84	252	182353m	17.958	ng	
88) Benzo(k)fluoranthene	14.87	252	59598m	6.247	ng	
89) Benzo(a)pyrene	15.19	252	124609	13.861	ng	98
91) Benzo(a,h,i)perylene	17.00	276	54800	7.176	ng	93

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

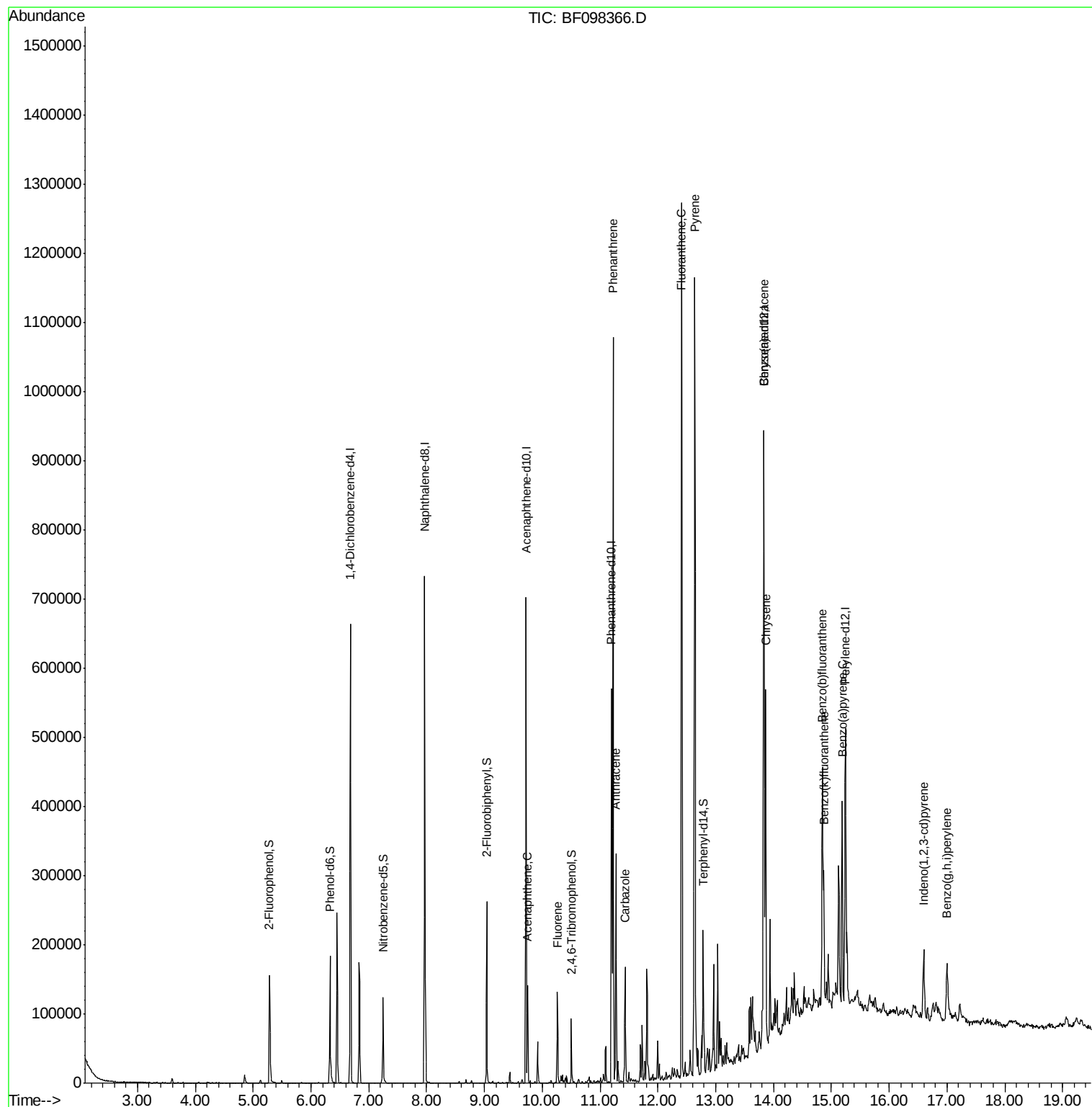
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
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ALS Vial : 21 Sample Multiplier: 1

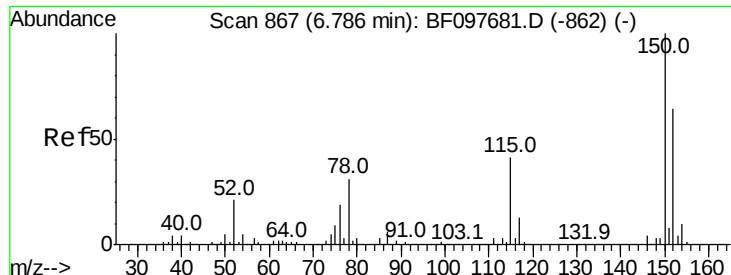
Instrument :
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RL-3-0-11.75

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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#1

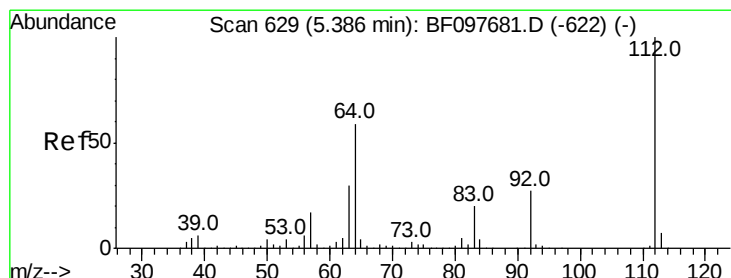
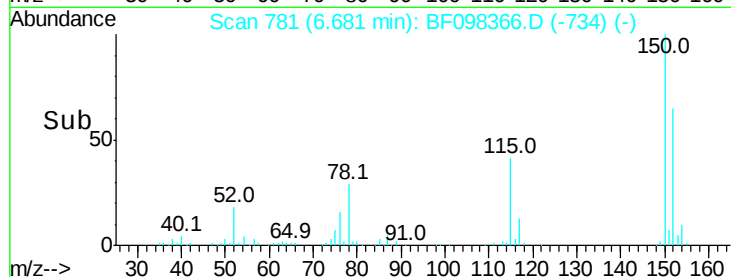
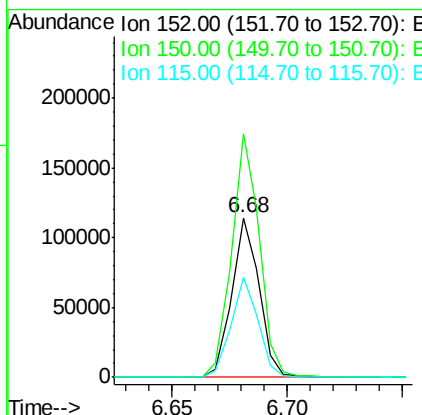
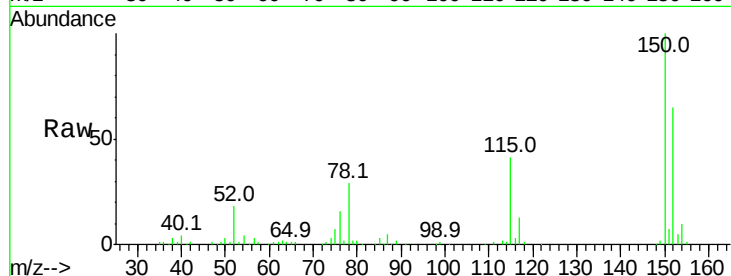
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	63.4	52.2	78.2

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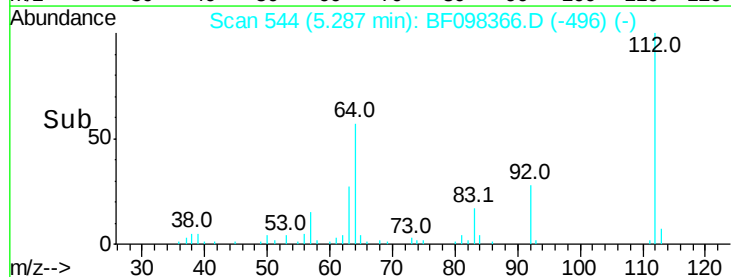
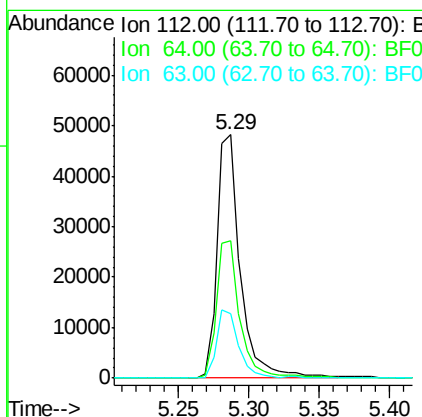
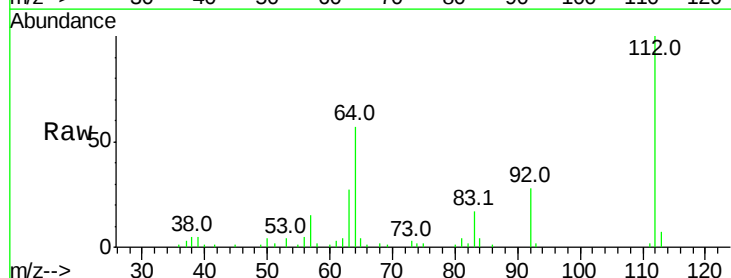
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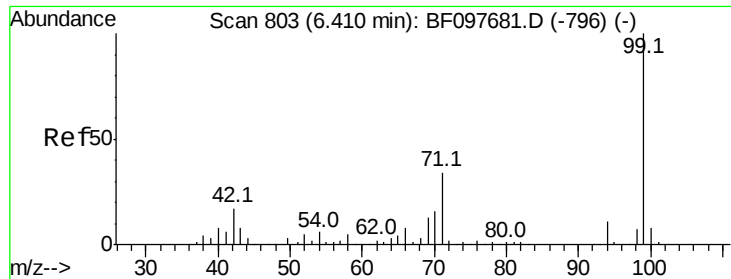


#5

2-Fluorophenol
Concen: 8.906 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	26.6	23.4	35.0





#7

Phenol-d6

Concen: 9.269 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098366.D

Acq: 8 Sep 2017 22:30

Instrument :

BNA_F

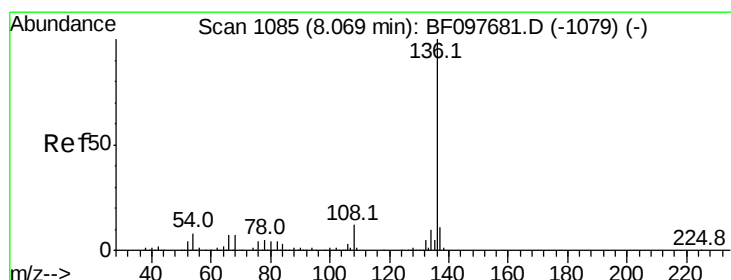
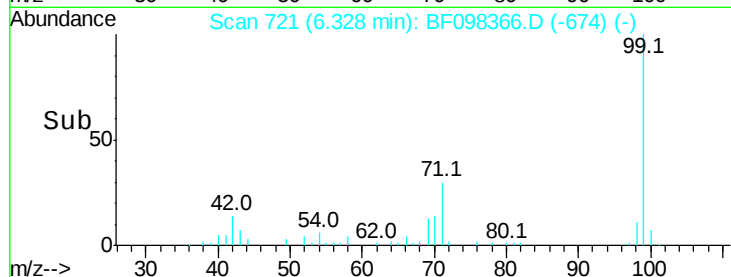
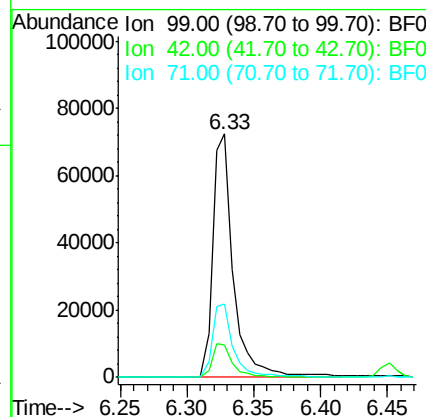
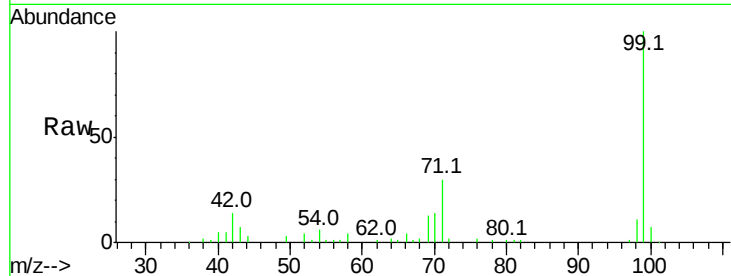
ClientSampleId :

RL-3-0-11.75

Tot Ion:	99	Resp:	78337
Ion Ratio	Lower	Upper	
99	100		
42	13.5	13.5	20.3#
71	30.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

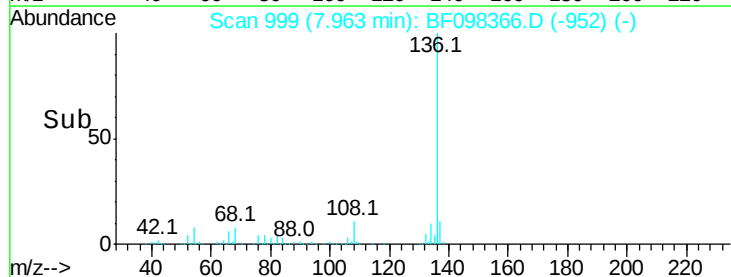
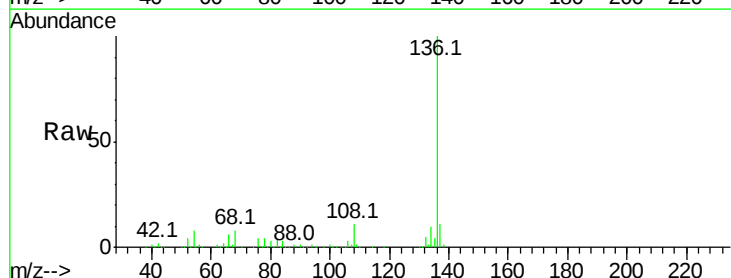
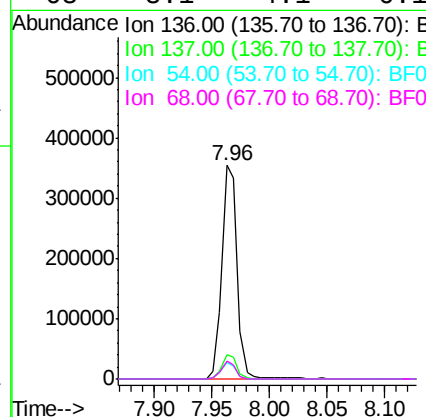
RT: 7.96 min Scan# 999

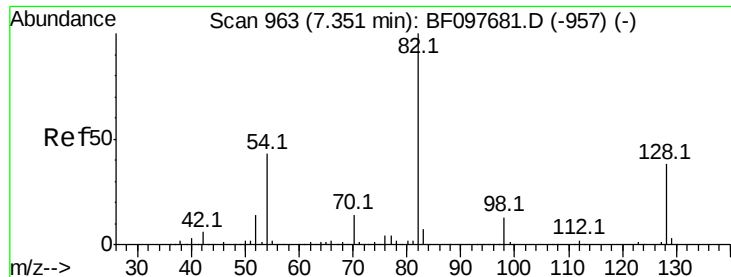
Delta R.T. -0.02 min

Lab File: BF098366.D

Acq: 8 Sep 2017 22:30

Tgt Ion:	136	Resp:	326364
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	8.0	4.9	7.3#
68	8.1	4.1	6.1#





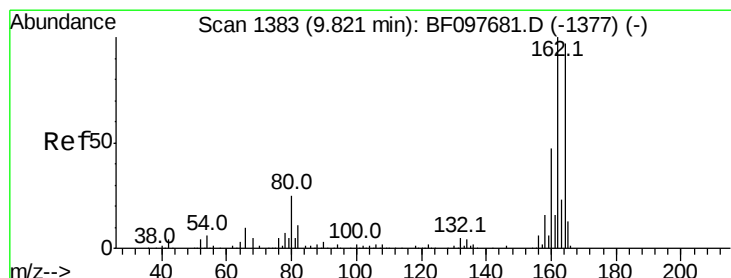
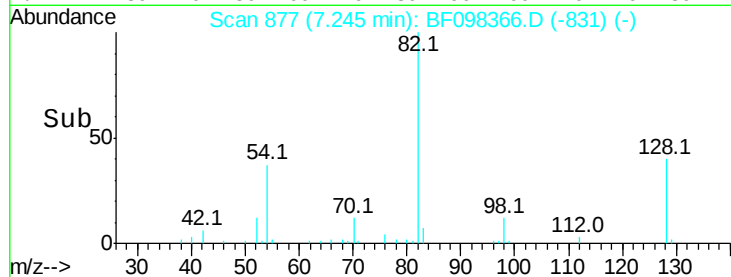
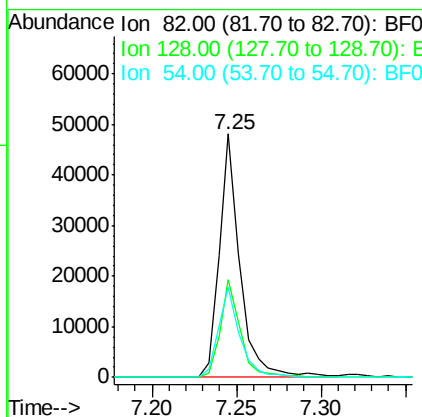
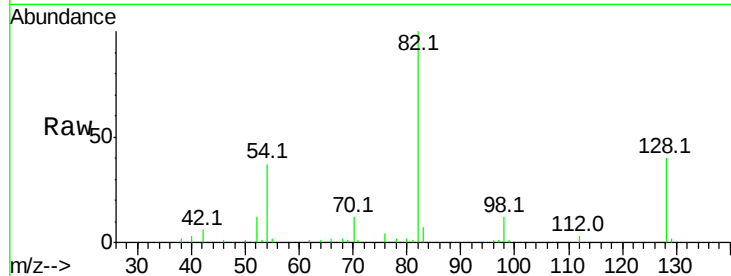
#23
 Nitrobenzene-d5
 Concen: 6.893 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.03 min
 Lab File: BF098366.D
 Acq: 8 Sep 2017 22:30

Instrument :
 BNA_F
 ClientSampleId :
 RL-3-0-11.75

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.0	51.0
54	37.2	42.2	63.2

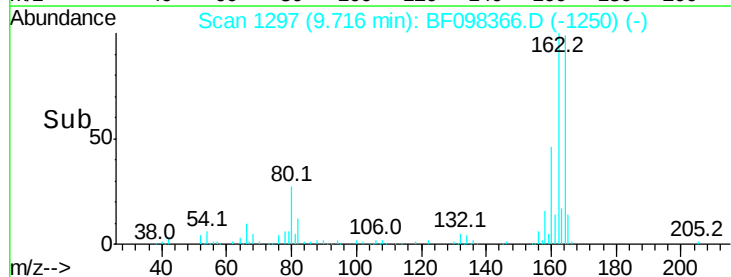
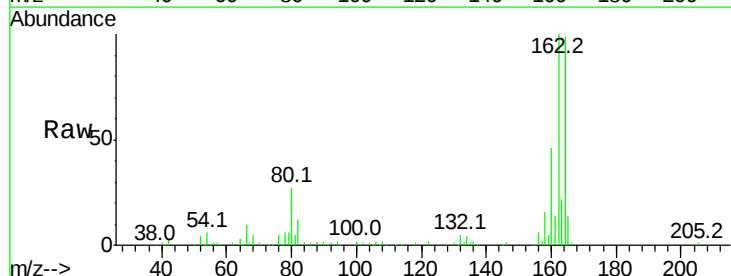
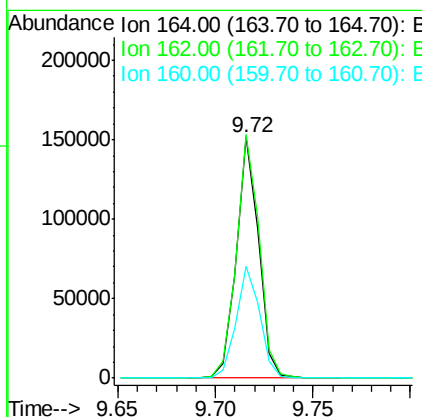
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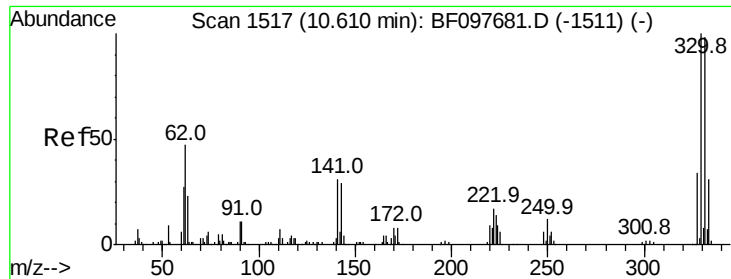
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF098366.D
 Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	46.2	36.2	54.2





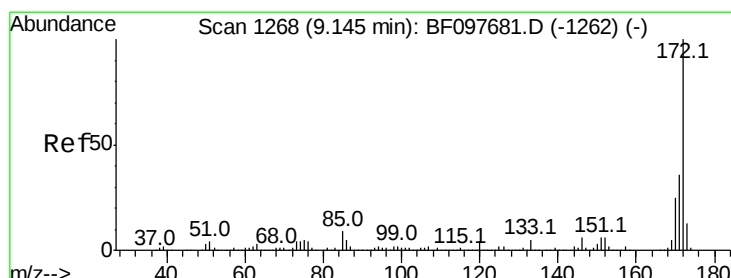
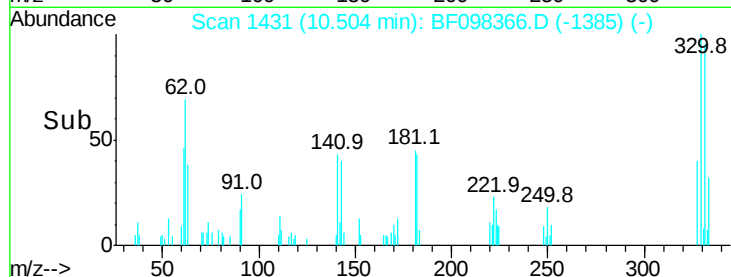
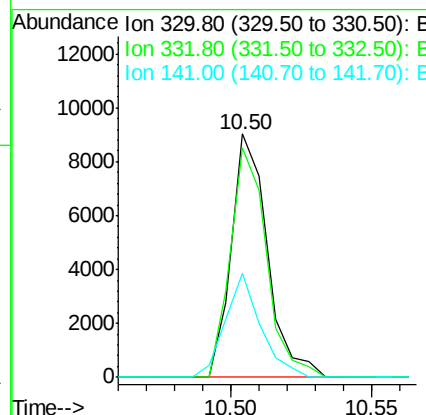
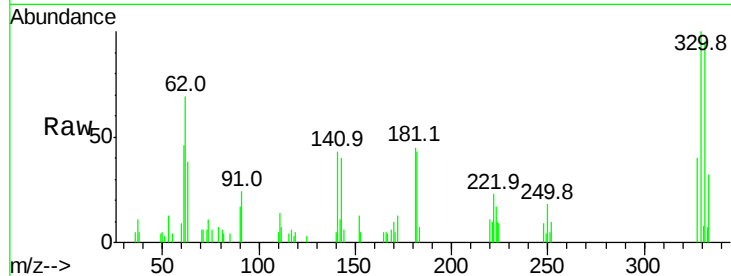
#41
 2,4,6-Tribromophenol
 Concen: 7.734 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.03 min
 Lab File: BF098366.D
 Acq: 8 Sep 2017 22:30

Instrument :
 BNA_F
 ClientSampleId :
 RL-3-0-11.75

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	41.6	31.4	47.2

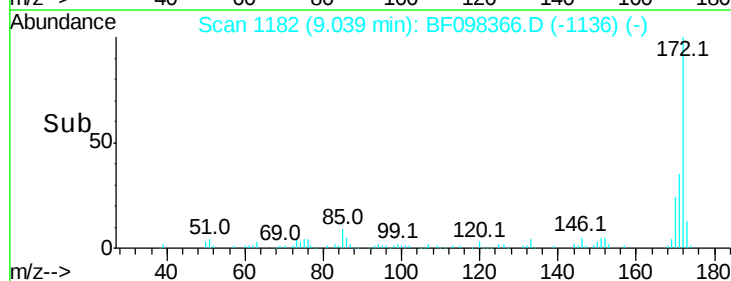
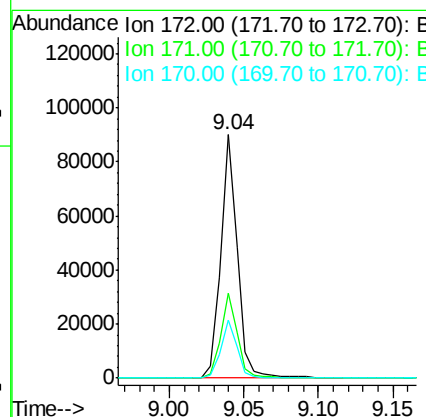
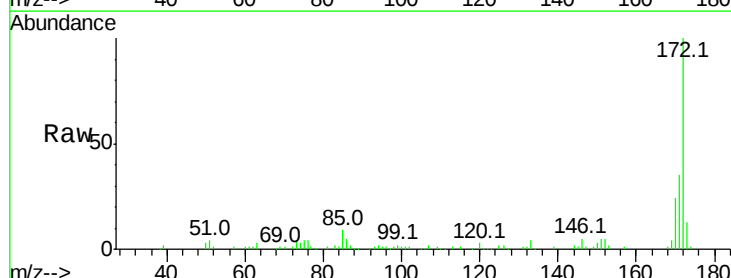
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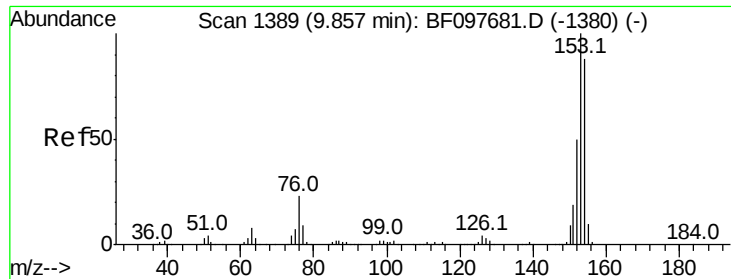
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#44
 2-Fluorobiphenyl
 Concen: 8.557 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF098366.D
 Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.6	19.8	29.8





#51

Acenaphthene

Concen: 3.780 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF098366.D

Acq: 8 Sep 2017 22:30

Instrument :

BNA_F

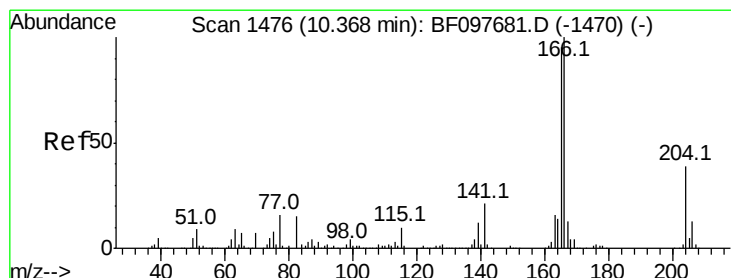
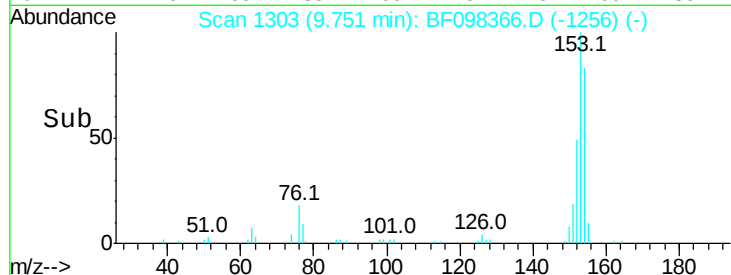
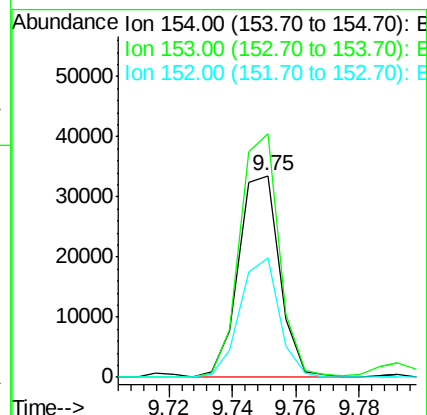
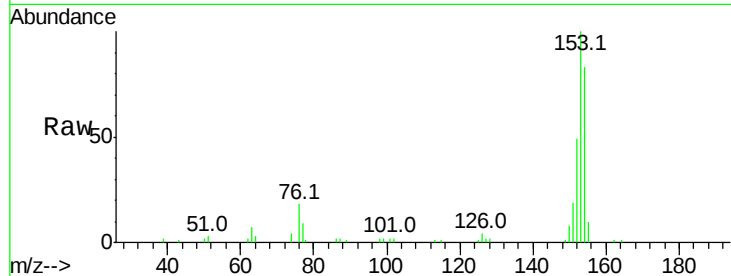
ClientSampled :

RL-3-0-11.75

Tot Ion:	154	Resp:	30198
Ion	Ratio	Lower	Upper
154	100		
153	120.7	90.5	135.7
152	59.4	43.6	65.4

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#57

Fluorene

Concen: 3.972 ng

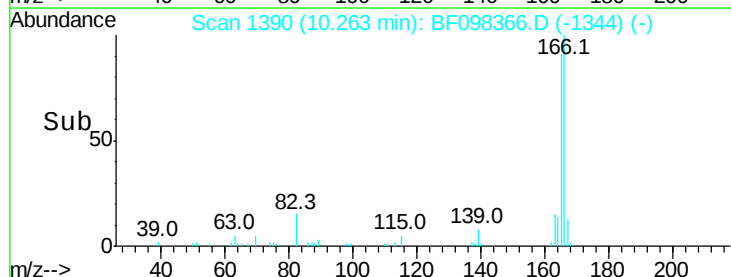
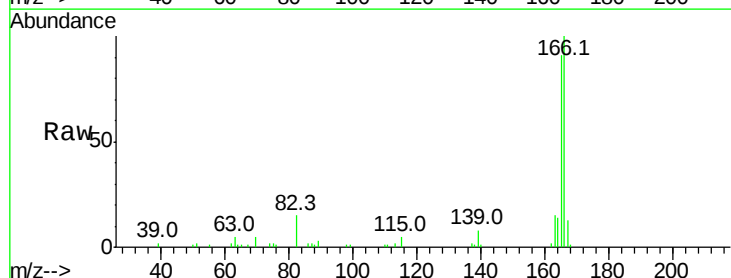
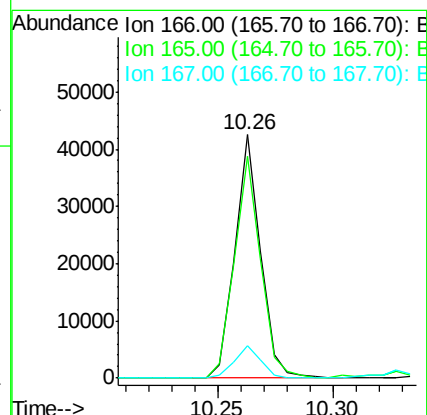
RT: 10.26 min Scan# 1390

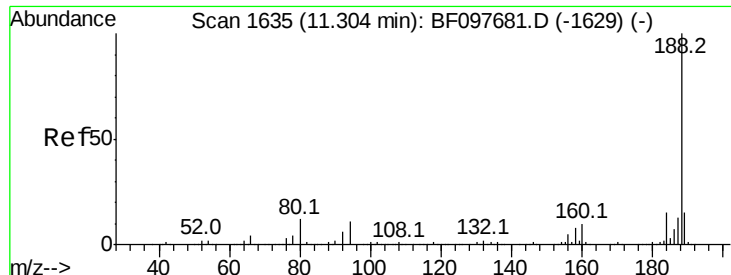
Delta R.T. -0.03 min

Lab File: BF098366.D

Acq: 8 Sep 2017 22:30

Tgt Ion:	166	Resp:	32881
Ion	Ratio	Lower	Upper
166	100		
165	90.9	78.8	118.2
167	13.1	10.6	16.0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF098366.D

Acq: 8 Sep 2017 22:30

Instrument :

BNA_F

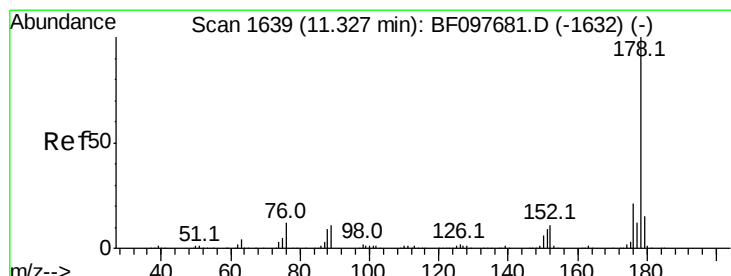
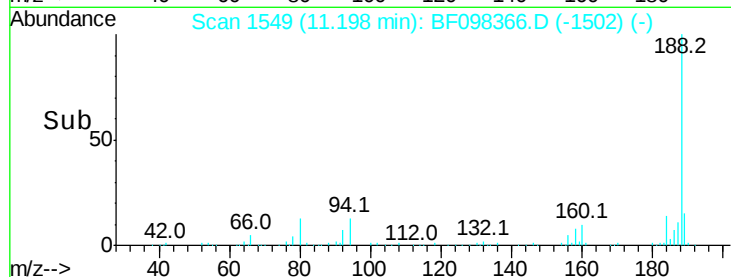
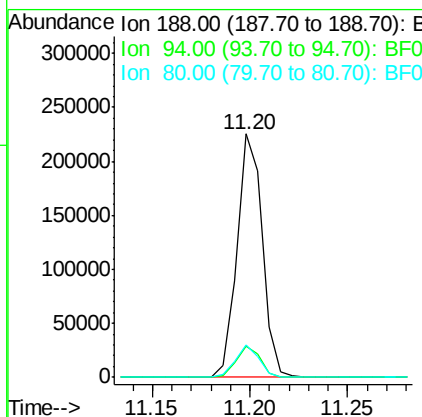
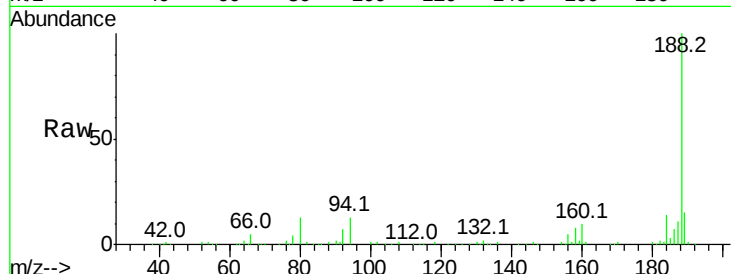
ClientSampleId :

RL-3-0-11.75

Tot Ion:	188	Resp:	201543
Ion Ratio	Lower	Upper	
188	100		
94	12.8	9.4	14.2
80	13.5	10.2	15.2

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#70

Phenanthrene

Concen: 37.691 ng

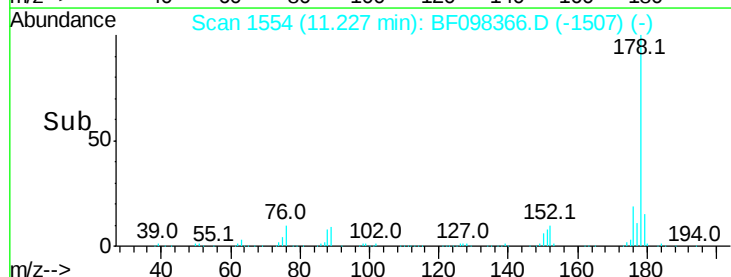
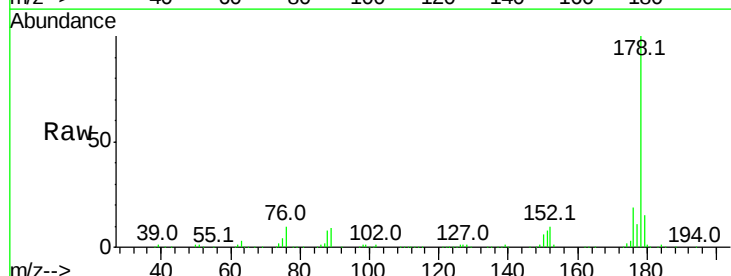
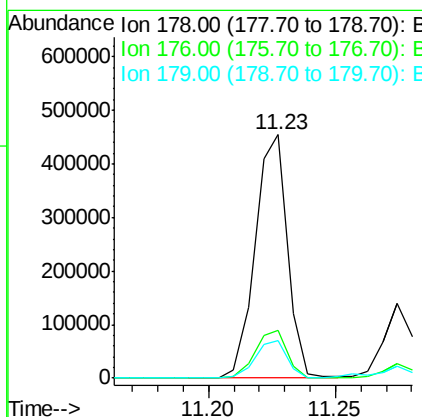
RT: 11.23 min Scan# 1554

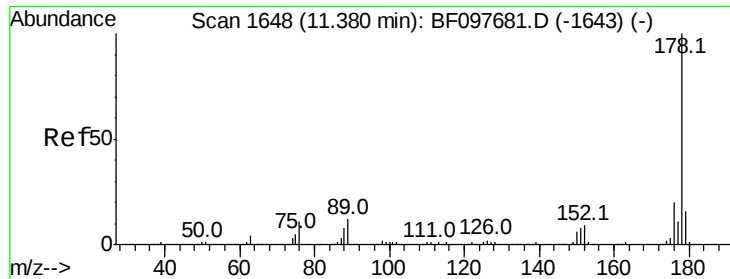
Delta R.T. -0.02 min

Lab File: BF098366.D

Acq: 8 Sep 2017 22:30

Tgt Ion:	178	Resp:	404788
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.4
179	15.3	12.6	19.0





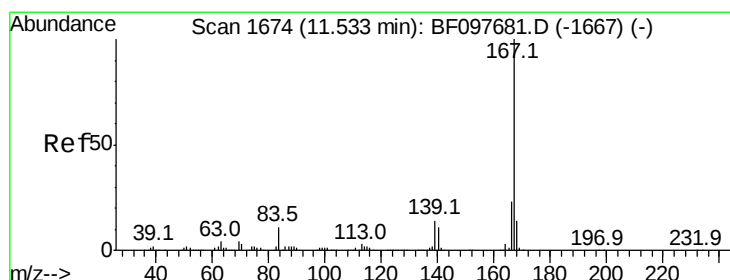
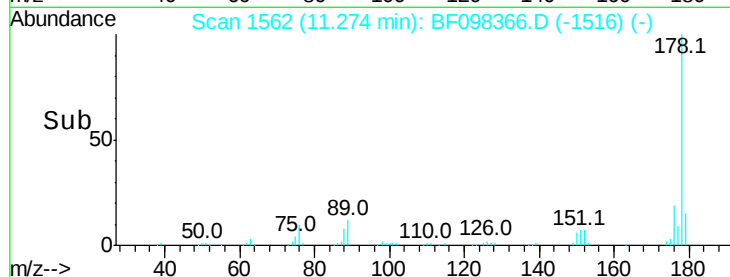
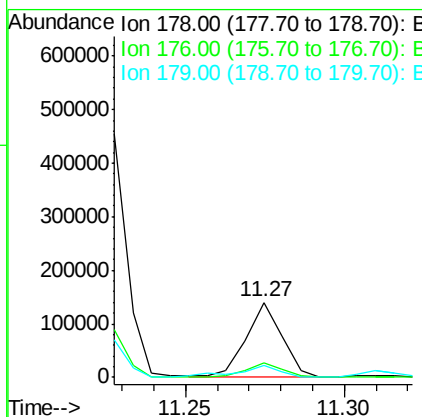
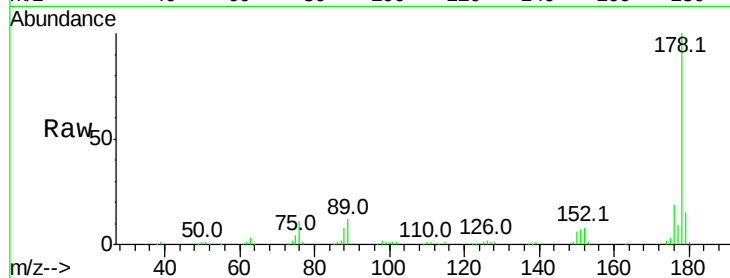
#71
 Anthracene
 Concen: 10.144 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.03 min
 Lab File: BF098366.D
 Acq: 8 Sep 2017 22:30

Instrument :
 BNA_F
 ClientSampleId :
 RL-3-0-11.75

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.1	12.7	19.1

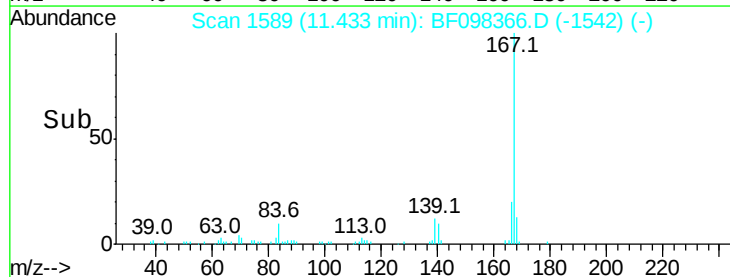
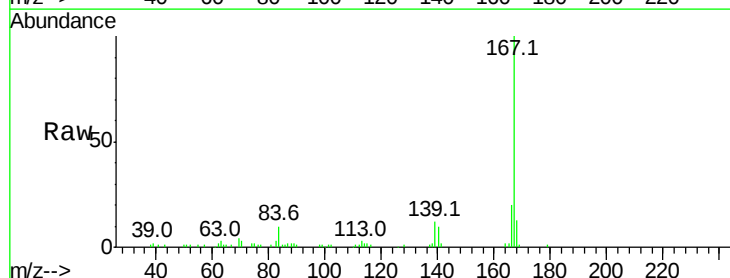
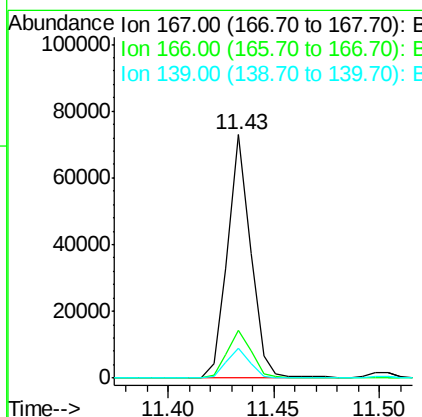
Manual Integrations
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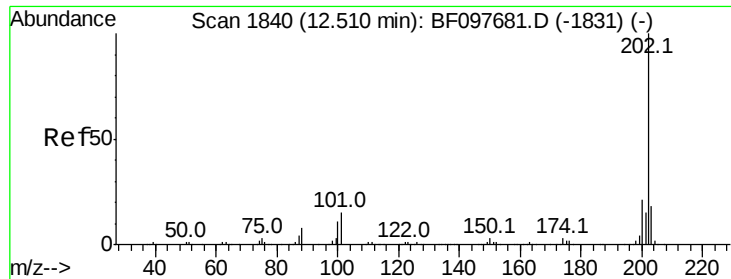
Sohil
 9/11/2017 4:47:54 PM



#72
 Carbazole
 Concen: 5.372 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BF098366.D
 Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.8	18.1	27.1
139	12.5	11.7	17.5





#74

Fluoranthene

Concen: 46.352 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BF098366.D

Acq: 8 Sep 2017 22:30

Instrument :

BNA_F

ClientSampleId :

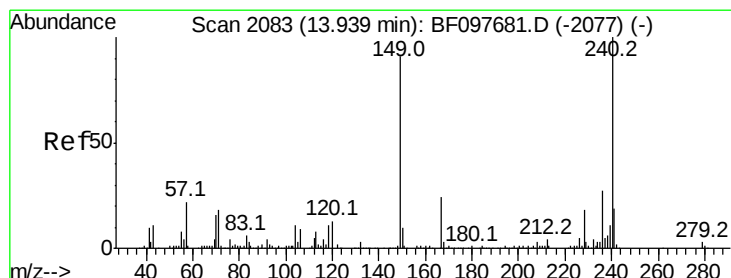
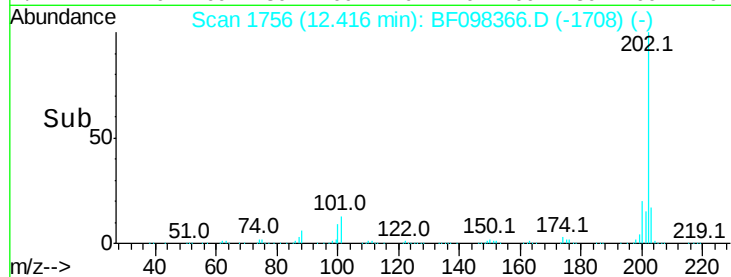
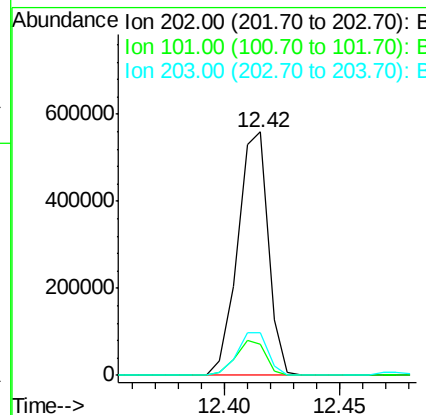
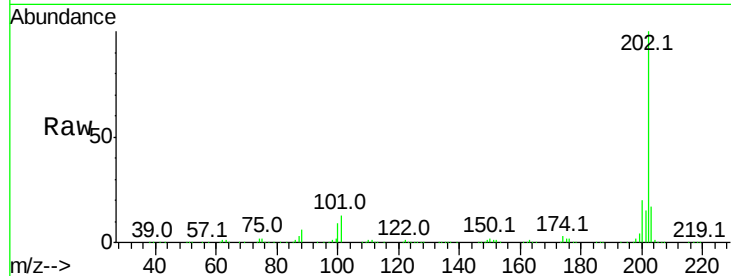
RL-3-0-11.75

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.4	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

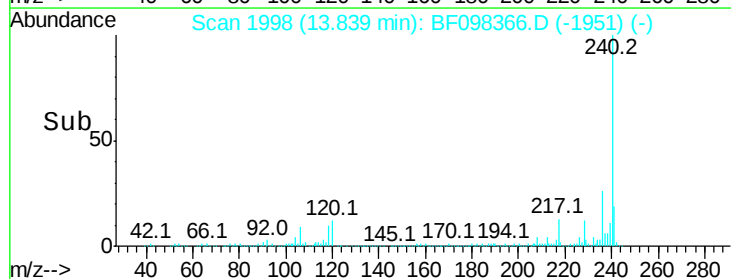
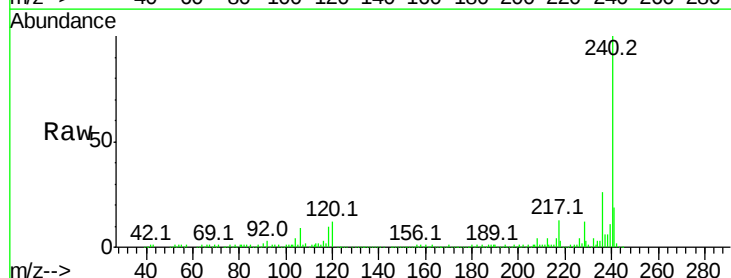
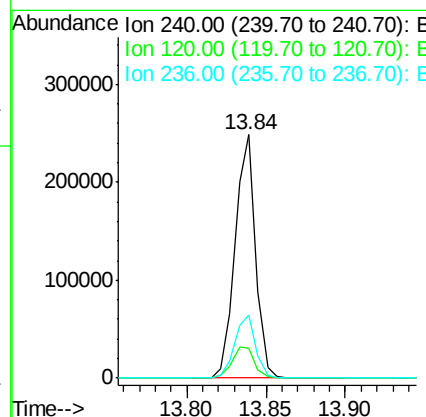
RT: 13.84 min Scan# 1998

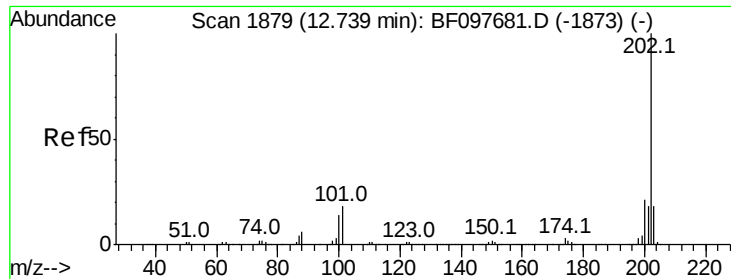
Delta R.T. -0.02 min

Lab File: BF098366.D

Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.1	5.8	8.8#
236	26.2	20.5	30.7





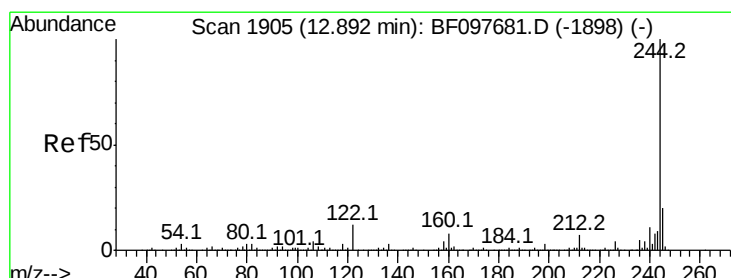
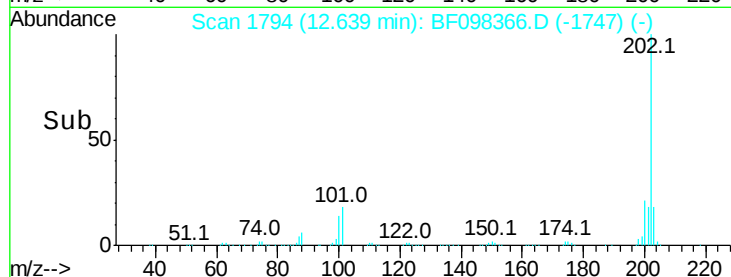
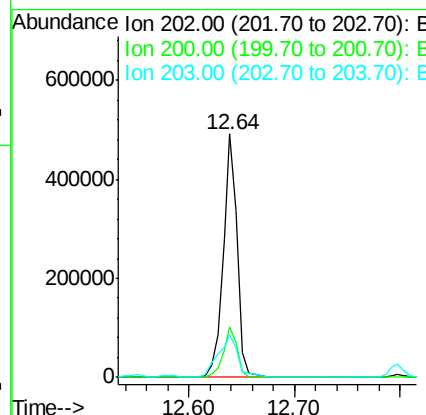
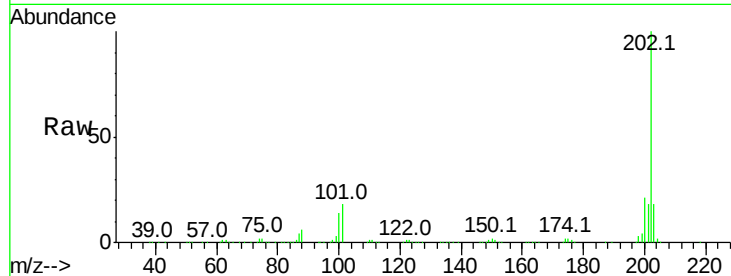
#77
Pvrene
Concen: 25.310 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.8	14.4	21.6

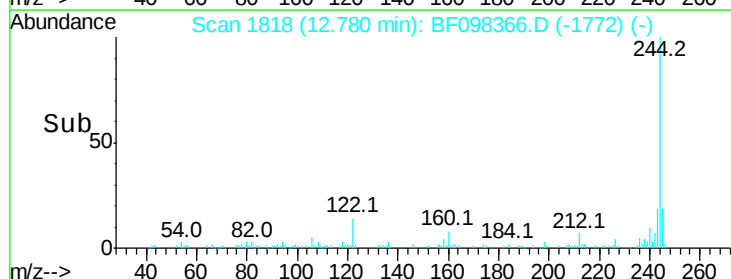
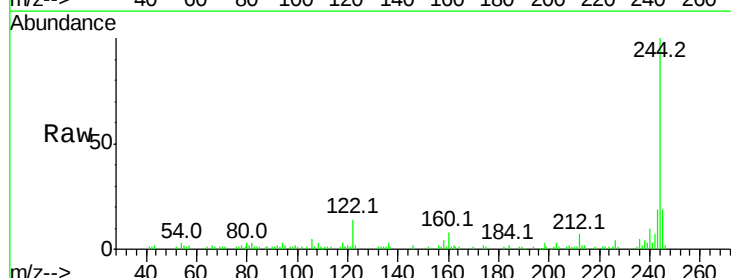
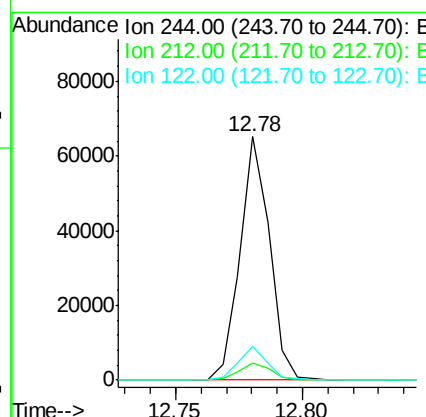
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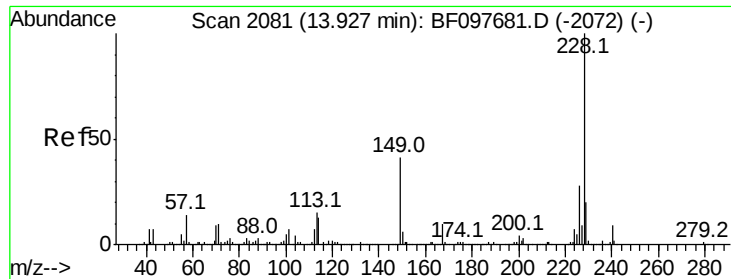
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#78
Terphenyl-d14
Concen: 4.912 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5





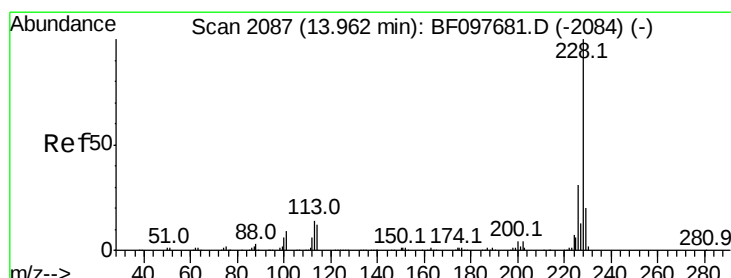
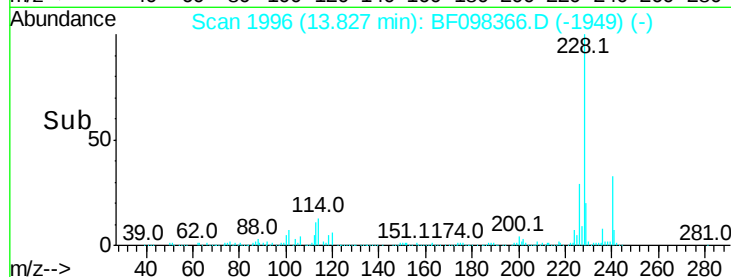
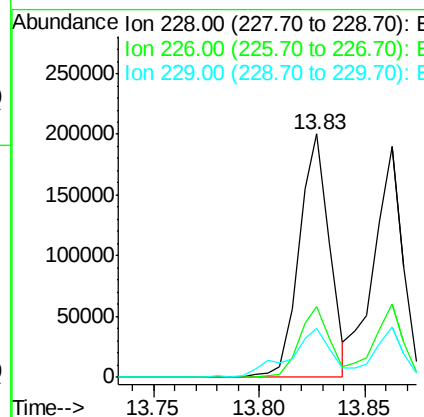
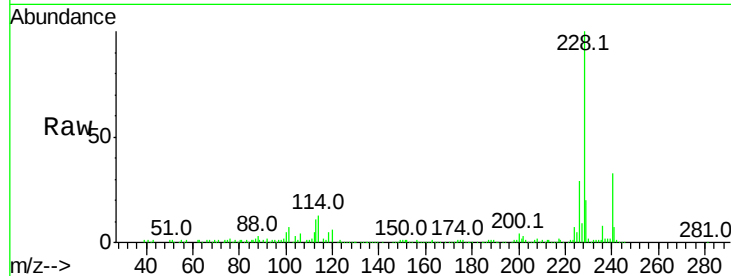
#80
Benzo(a)anthracene
Concen: 15.071 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampled :
RL-3-0-11.75

Tot Ion	Ratio	Resp	Lower	Upper
228	100	200372		
226	29.3		22.6	33.8
229	19.9		16.3	24.5

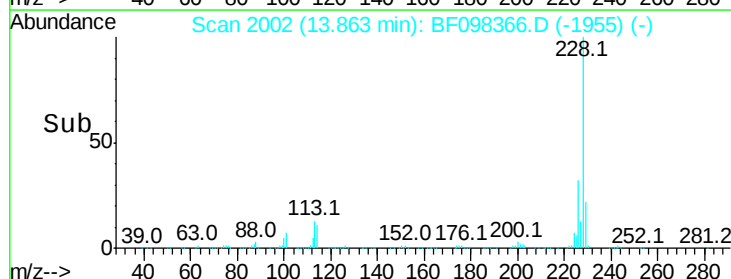
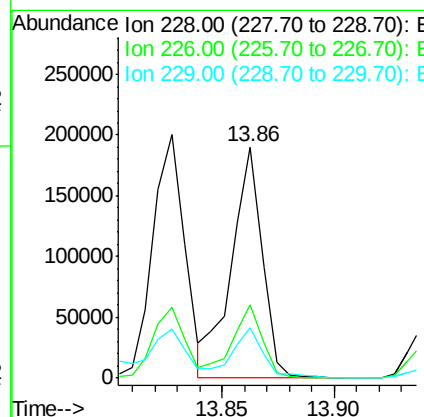
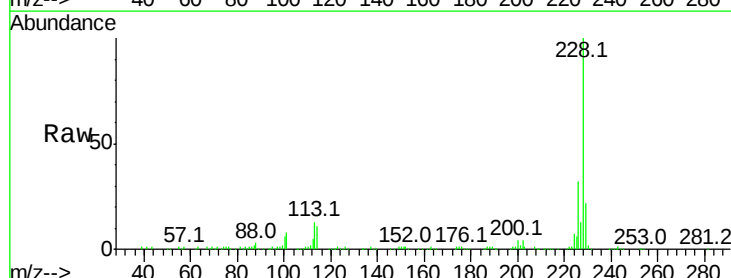
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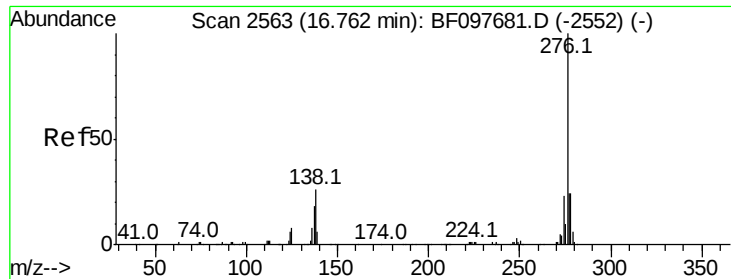
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#82
Chrysene
Concen: 13.830 ng m
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	182904		
226	31.6		24.9	37.3
229	21.9		15.8	23.6





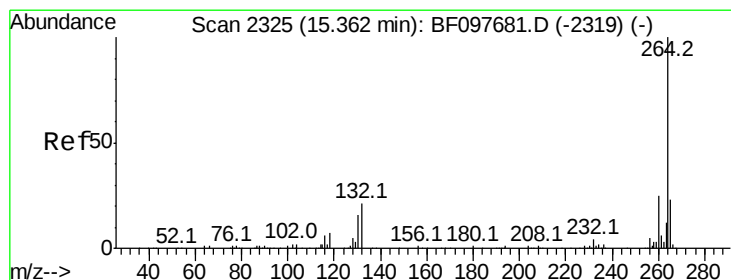
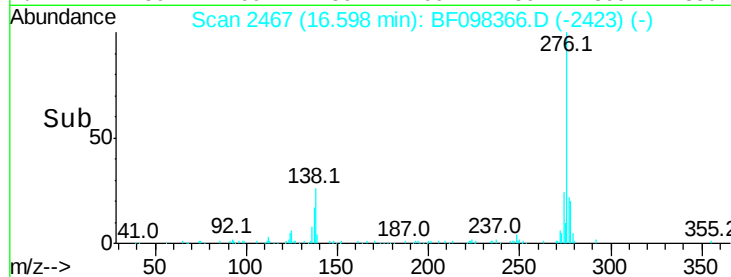
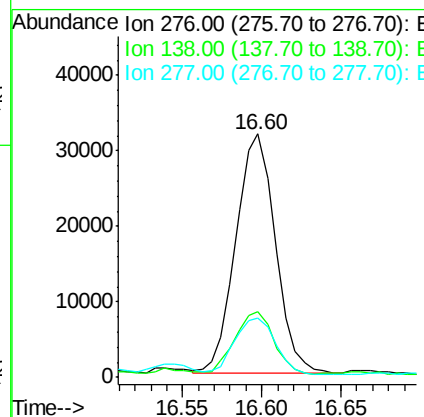
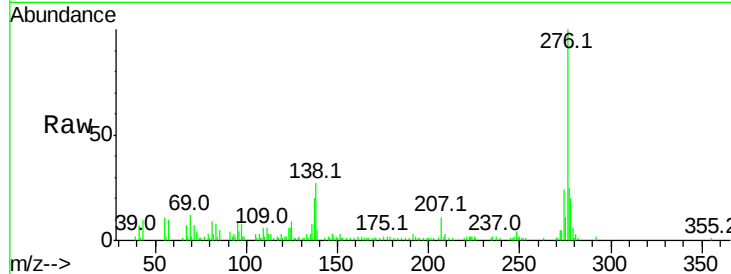
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.664 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.04 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	27.8	41.6#
277	24.6	20.2	30.4

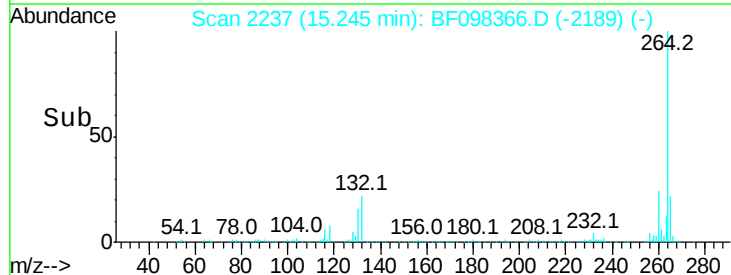
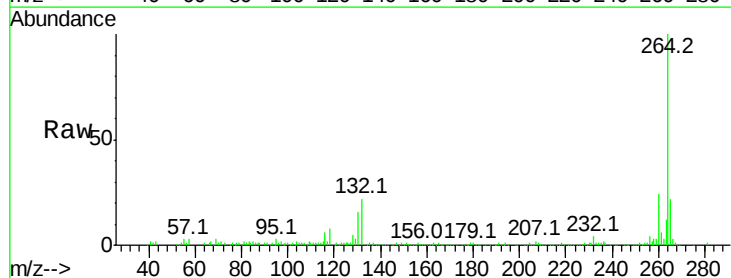
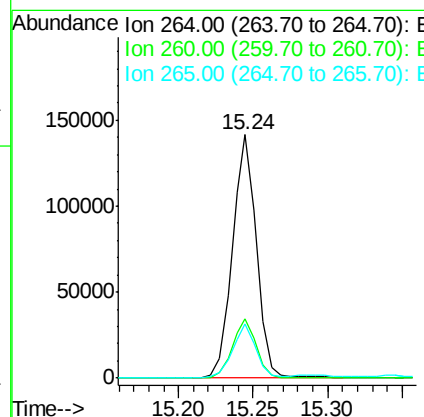
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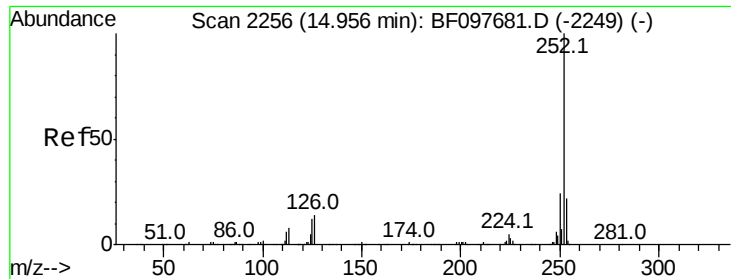
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.1	17.2	25.8





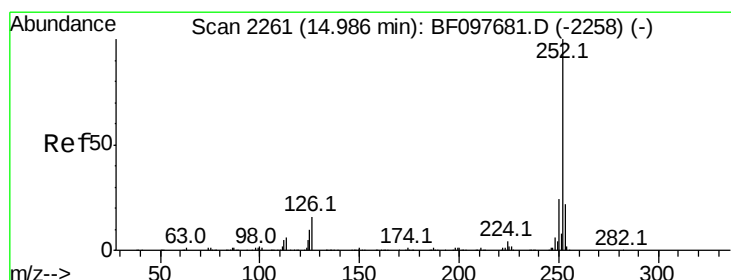
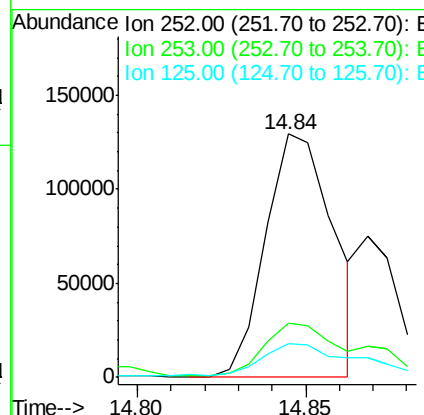
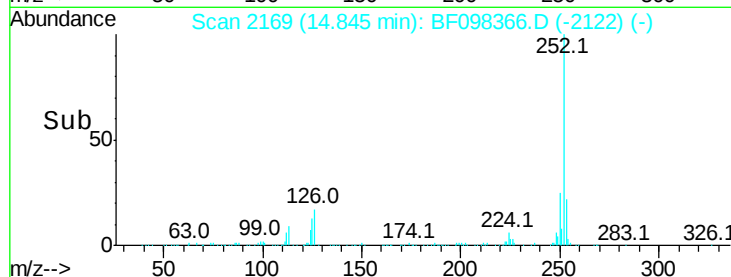
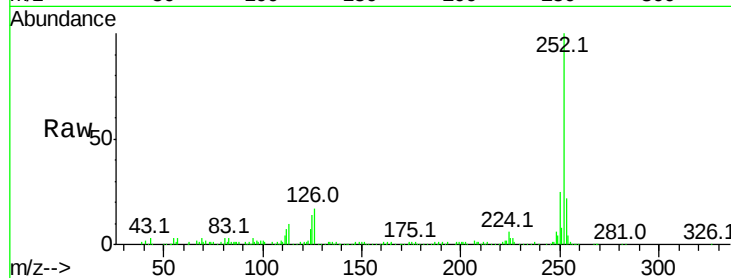
#87
Benzo(b)fluoranthene
Concen: 17.958 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.8	9.8	14.8

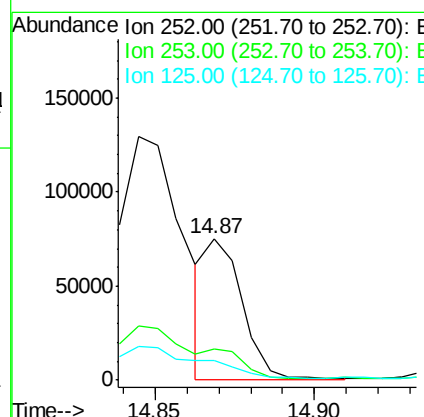
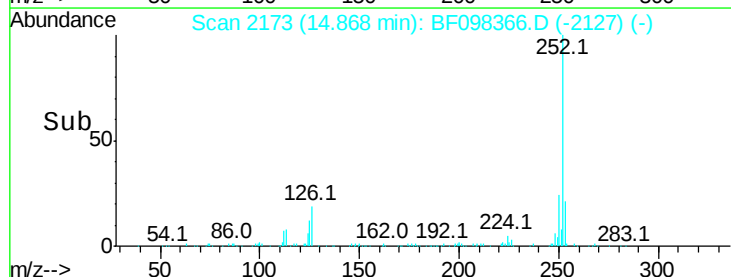
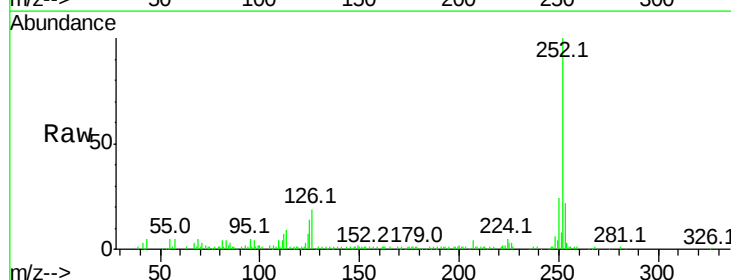
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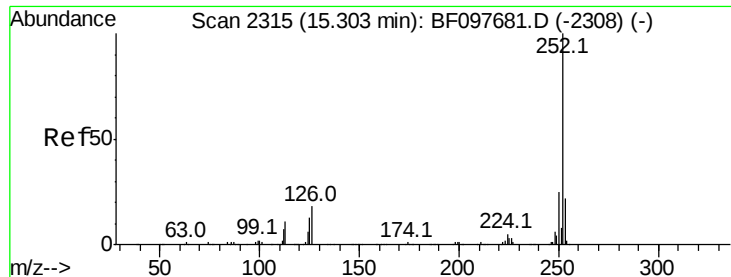
Sohil
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#88
Benzo(k)fluoranthene
Concen: 6.247 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.9	13.1	19.7





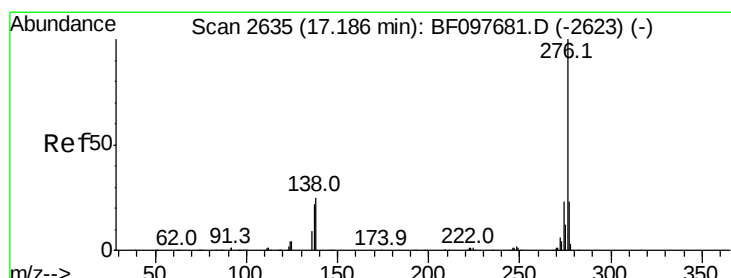
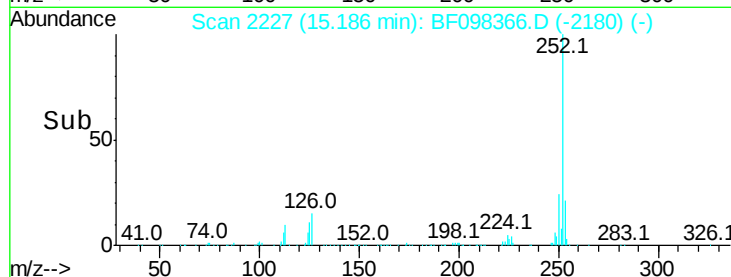
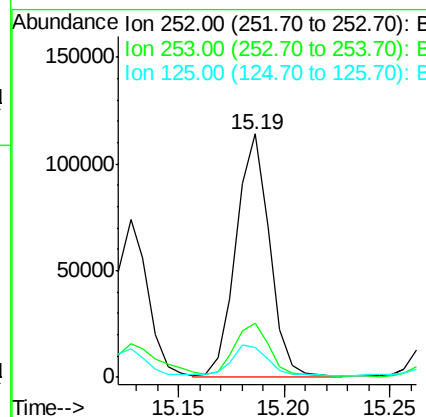
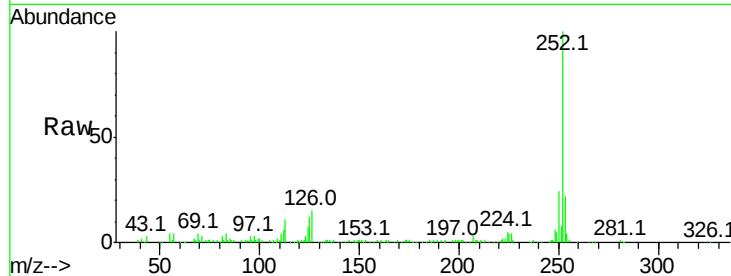
#89
Benzo(a)pyrene
Concen: 13.861 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampled :
RL-3-0-11.75

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.1	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.176 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	26.6	25.4	38.0

