

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
 Data File : BF093904.D
 Acq On : 24 Mar 2017 13:19
 Operator : SJ/MA
 Sample : I2369-11RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW2000RE

Manual Integrations
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Quant Time: Mar 25 00:10:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	167143	20.00	ng	-0.01
21) Naphthalene-d8	7.49	136	449937	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	89838	20.00	ng	0.02
63) Phenanthrene-d10	11.49	188	263834	20.00	ng	0.02
75) Chrysene-d12	14.70	240	318726	20.00	ng	-0.01
86) Perylene-d12	16.33	264	280501	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	556962	56.28	ng	-0.01
7) Phenol-d6	5.56	99	507405	41.45	ng	-0.01
23) Nitrobenzene-d5	6.62	82	951648	120.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	156688	220.71	ng	0.02
44) 2-Fluorobiphenyl	8.83	172	987420	167.64	ng	0.00
78) Terphenyl-d14	13.44	244	857410	60.30	ng	0.00
Target Compounds						Qvalue
10) Phenol	5.57	94	86929	6.24	ng	94
37) 2-Methylnaphthalene	8.37	142	88740	6.15	ng	# 50
45) 1,1'-Biphenyl	8.95	154	107897	14.89	ng	82
51) Acenaphthene	9.69	154	26356	4.79	ng	# 74
57) Fluorene	10.33	166	123340	19.86	ng	# 65
70) Phenanthrene	11.52	178	136891	9.33	ng	# 77
77) Pyrene	13.24	202	142068m	6.14	ng	

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

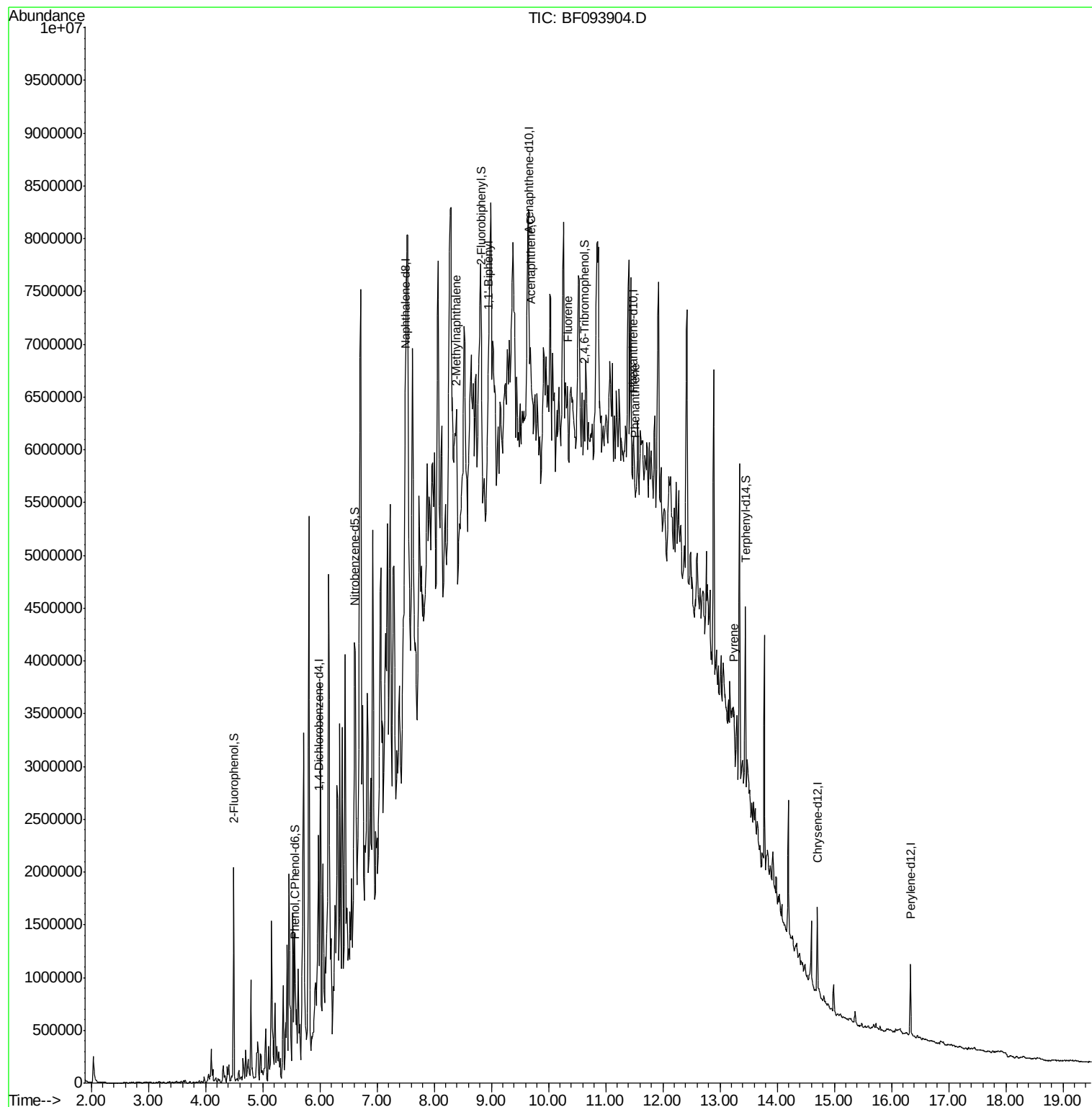
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032417\
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ALS Vial : 7 Sample Multiplier: 1

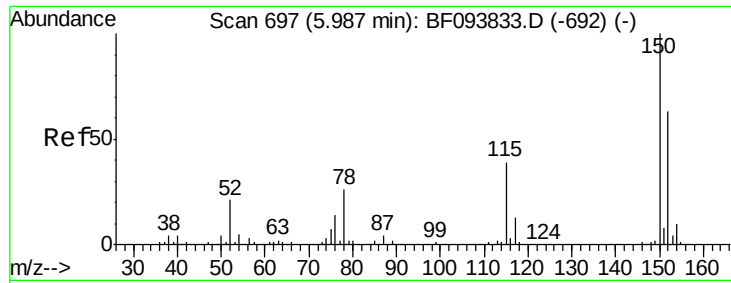
Instrument :
BNA_F
ClientSampleId :
GW2000RE

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Quant Time: Mar 25 00:10:18 2017
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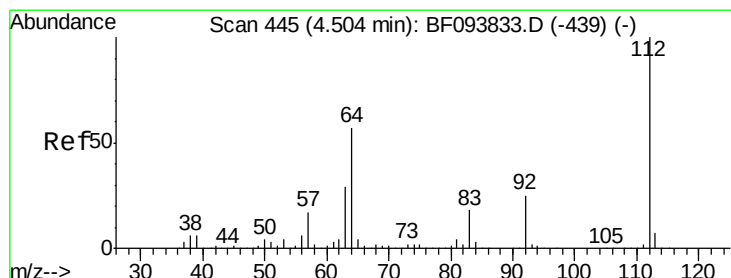
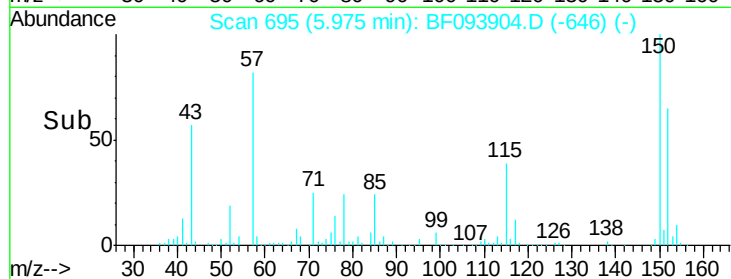
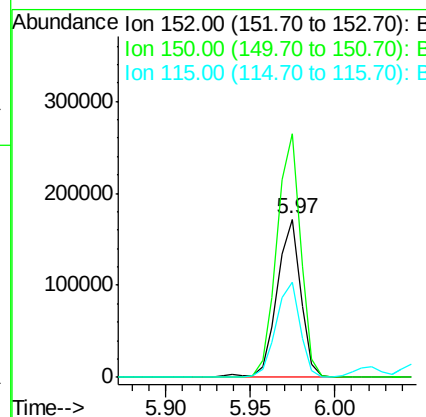
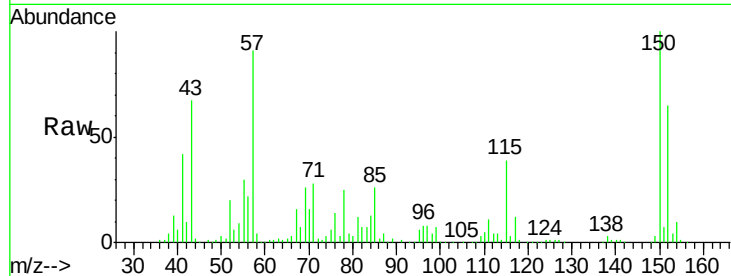
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.97 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Instrument :
 BNA_F
 ClientSampleId :
 GW2000RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	60.5	52.2	78.2

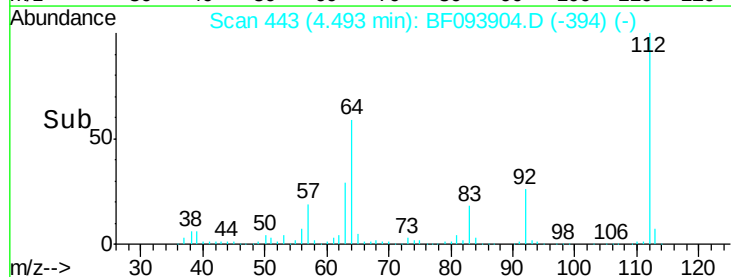
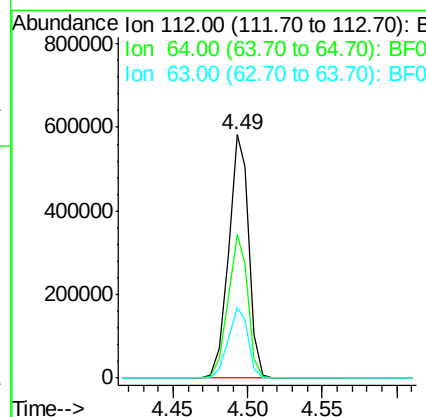
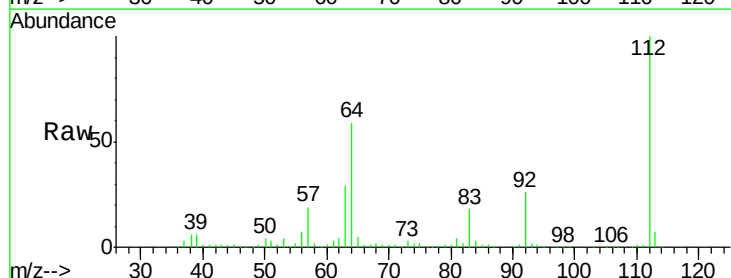
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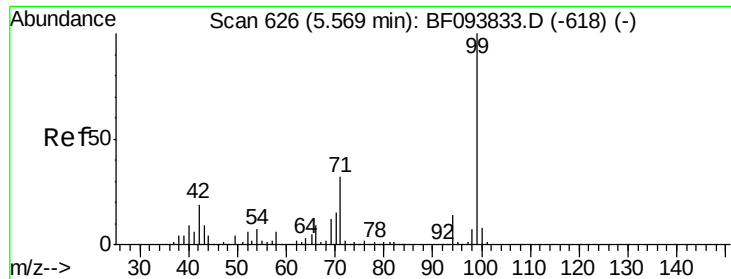
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#5
 2-Fluorophenol
 Concen: 56.28 ng
 RT: 4.49 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	29.0	23.4	35.0





#7

Phenol-d6

Concen: 41.45 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

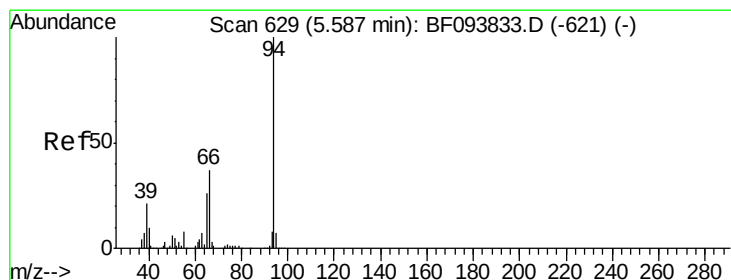
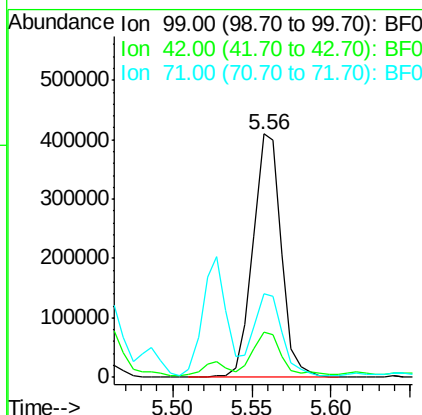
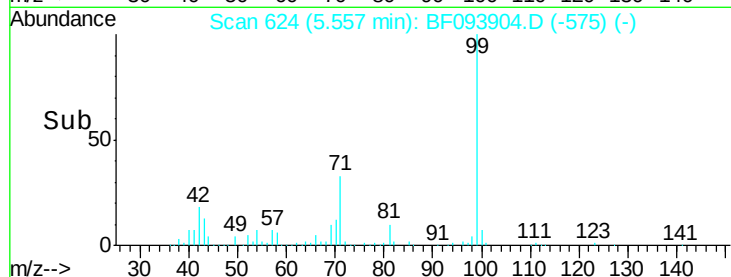
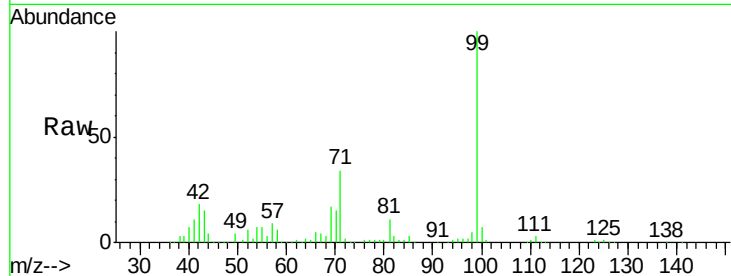
ClientSampled :

GW2000RE

Tot Ion:	99	Resp:	507405
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.5	20.3
71	34.1	24.5	36.7

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#10

Phenol

Concen: 6.24 ng

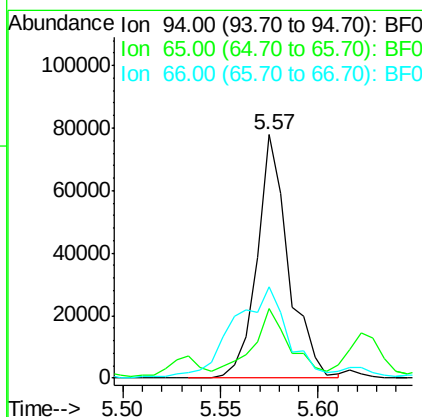
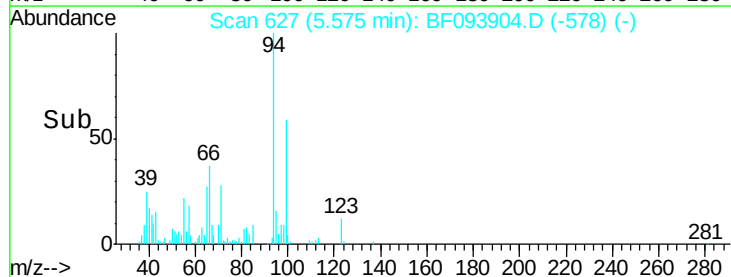
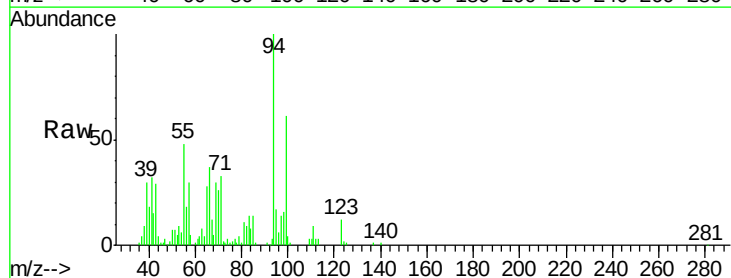
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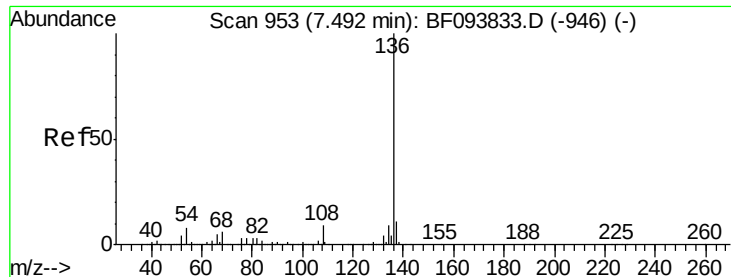
Delta R.T. -0.01 min

Lab File: BF093904.D

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Tgt Ion:	94	Resp:	86929
Ion Ratio	Lower	Upper	
94	100		
65	28.4	9.9	49.9
66	37.4	23.1	63.1





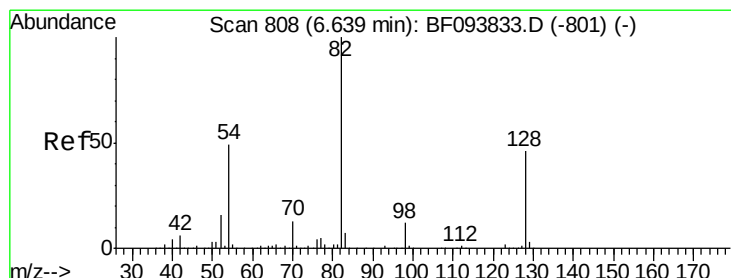
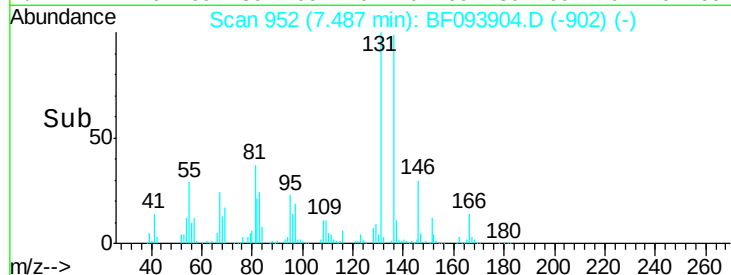
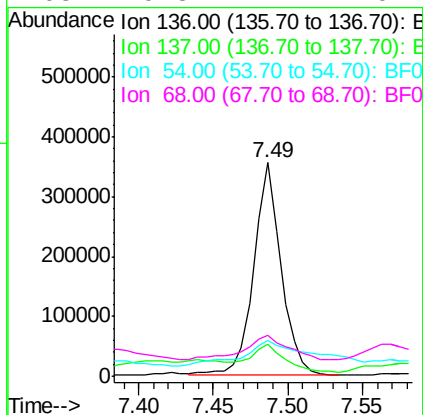
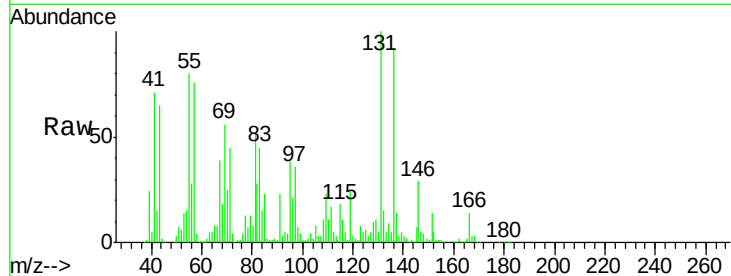
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Instrument :
BNA_F
ClientSampleId :
GW2000RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	15.3		8.5	12.7#	
54	16.6		4.9	7.3#	
68	19.3		4.1	6.1#	

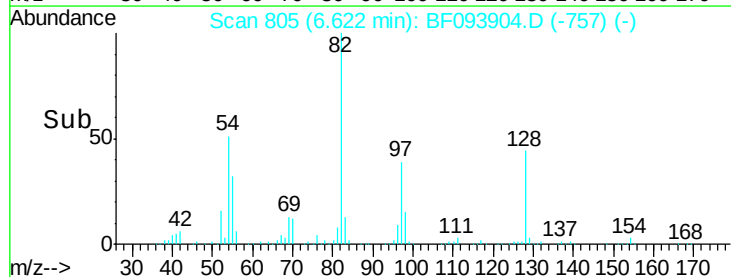
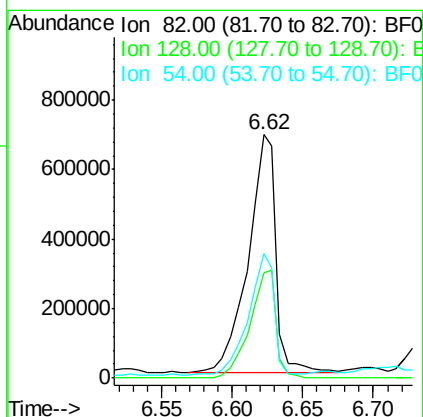
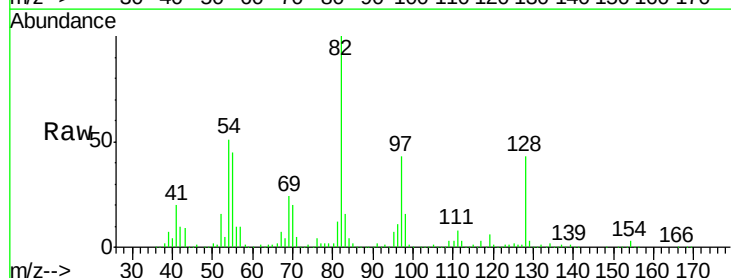
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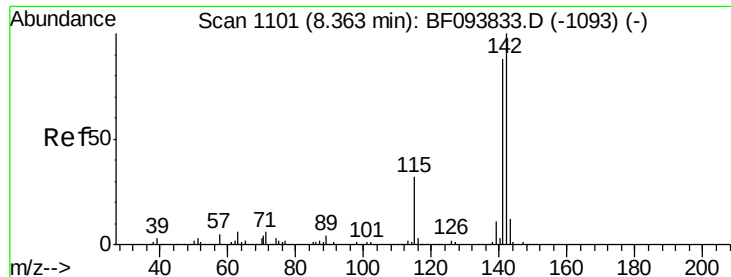
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#23
Nitrobenzene-d5
Concen: 120.70 ng
RT: 6.62 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	43.3		34.0	51.0	
54	51.2		42.2	63.2	





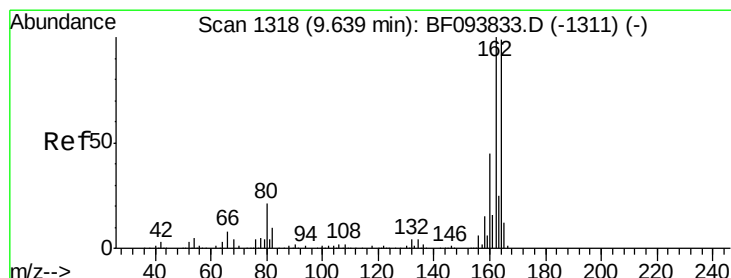
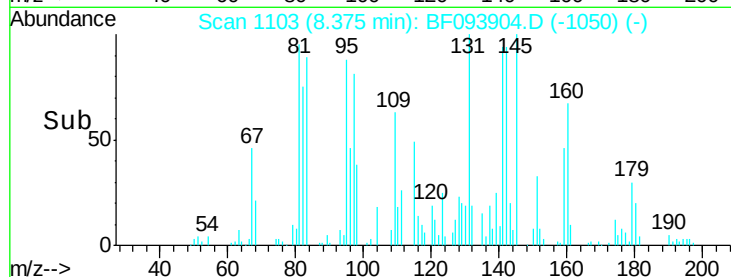
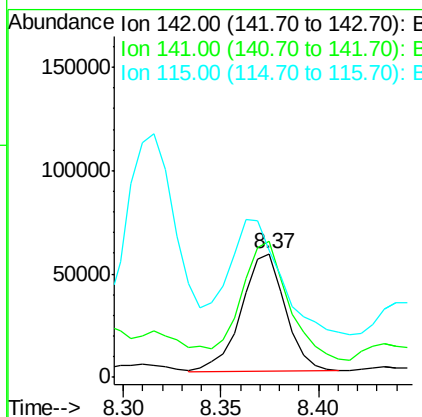
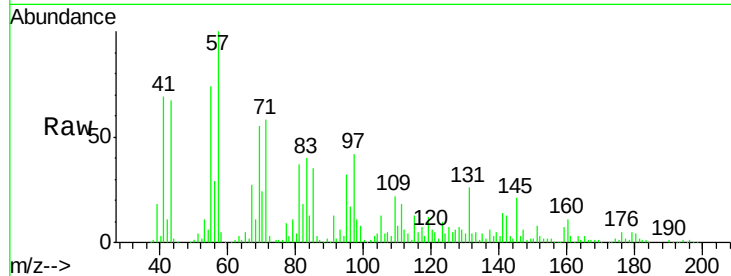
#37
2-Methylnaphthalene
Concen: 6.15 ng
RT: 8.37 min Scan# 1103
Delta R.T. 0.01 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Instrument :
BNA_F
ClientSampleId :
GW2000RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		88740		
141	110.3	71.3	106.9#		
115	103.4	27.1	40.7#		

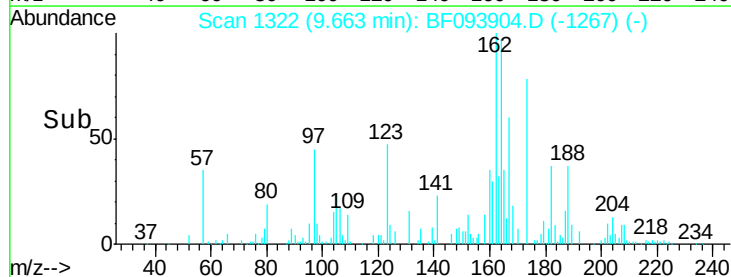
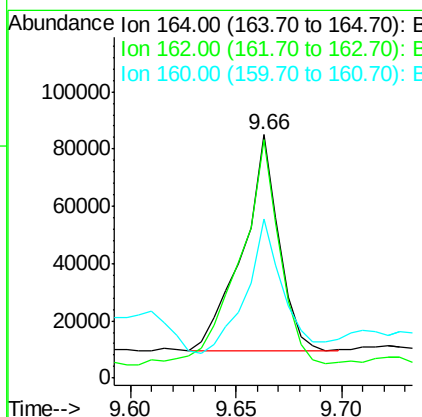
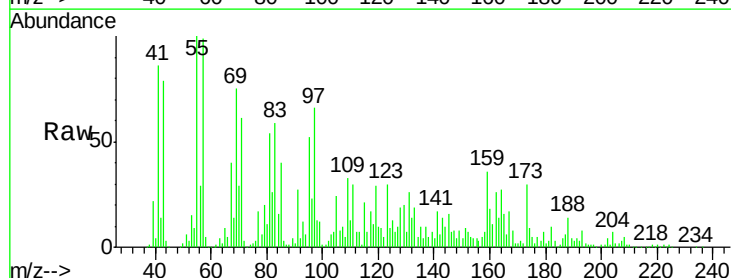
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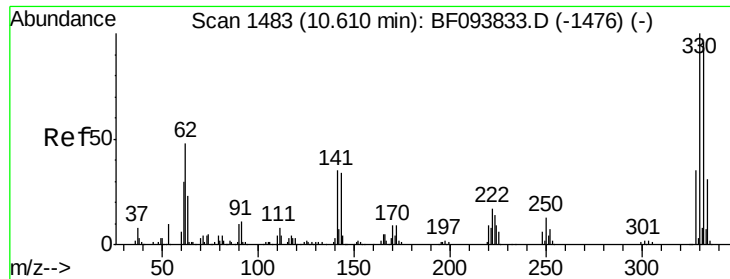
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 1322
Delta R.T. 0.02 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		89838		
162	97.9	82.6	123.8		
160	65.5	36.2	54.2#		





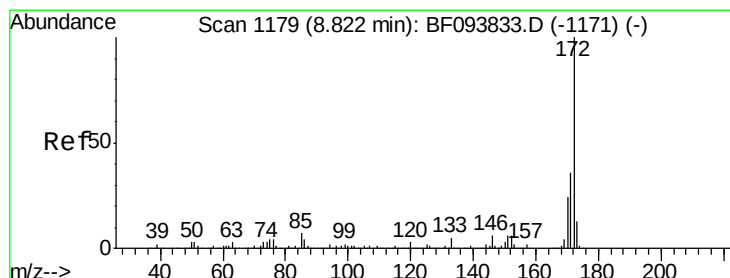
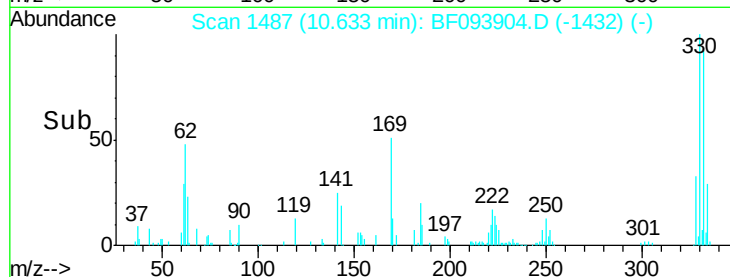
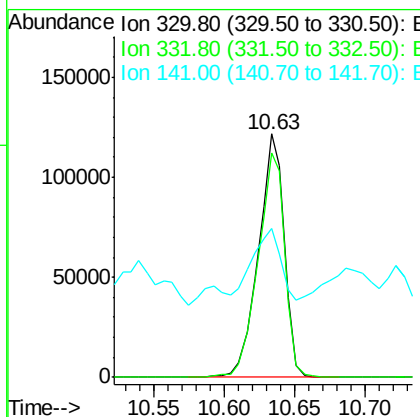
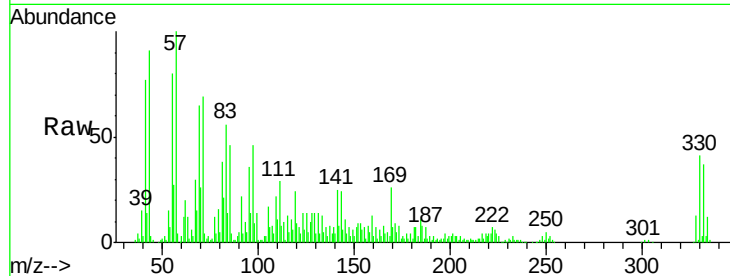
#41
 2,4,6-Tribromophenol
 Concen: 220.71 ng
 RT: 10.63 min Scan# 1487
 Delta R.T. 0.02 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Instrument :
 BNA_F
 ClientSampleId :
 GW2000RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	76.6	115.0	
141	31.2	31.4	47.2	

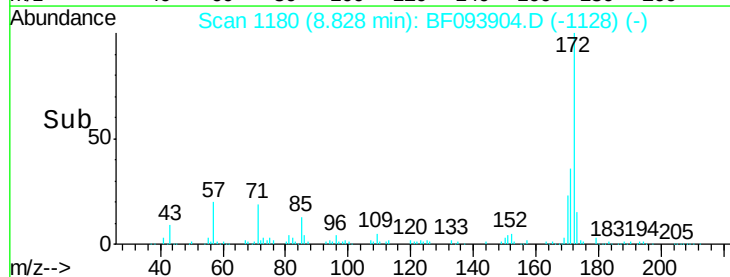
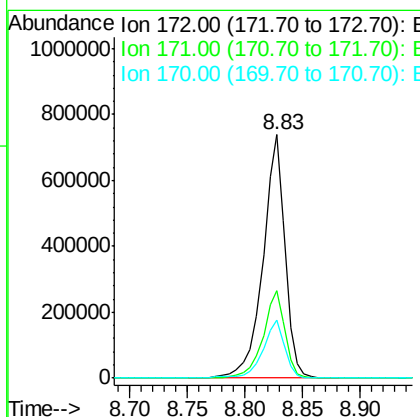
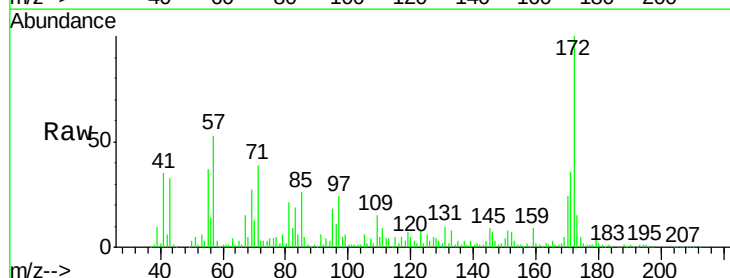
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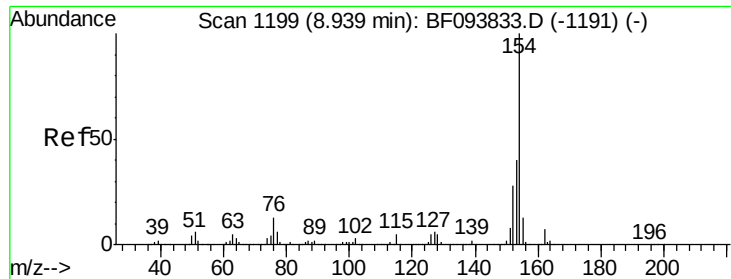
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#44
 2-Fluorobiphenyl
 Concen: 167.64 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF093904.D
 Acq: 24 Mar 2017 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	23.6	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 14.89 ng

RT: 8.95 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

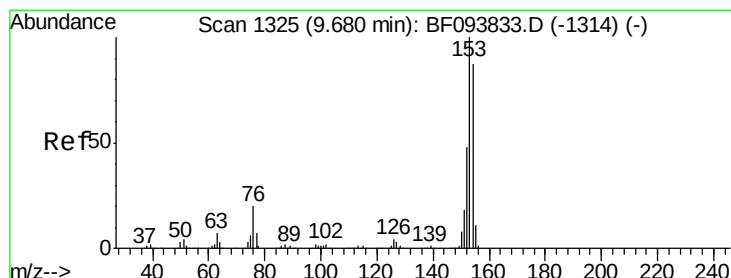
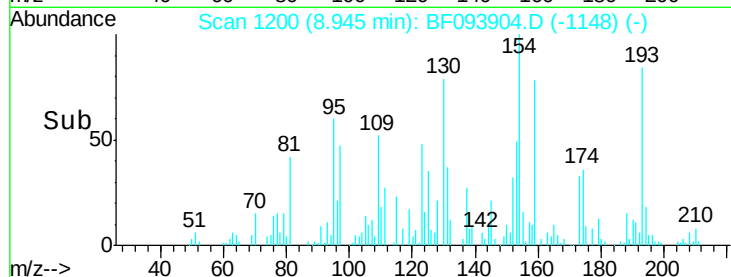
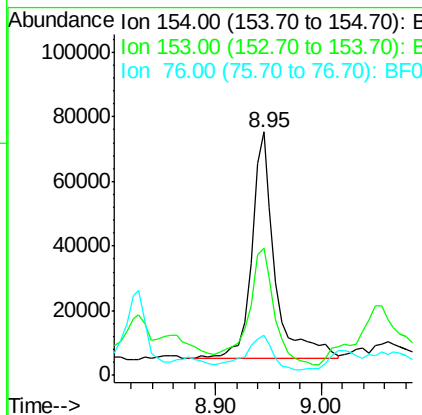
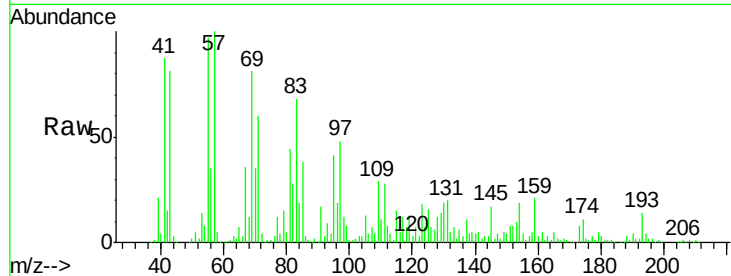
ClientSampleId :

GW2000RE

Tot Ion:	154	Resp:	107897
Ion Ratio	Lower	Upper	
154	100		
153	52.4	21.2	61.2
76	16.6	0.0	29.9

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#51

Acenaphthene

Concen: 4.79 ng

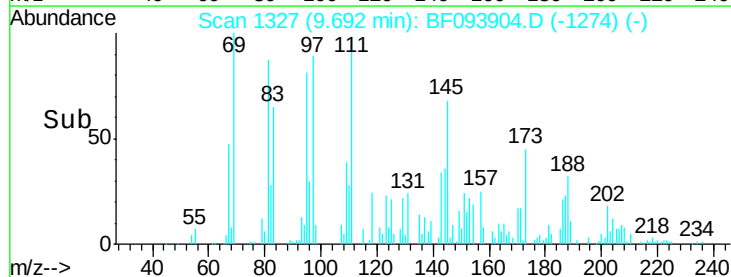
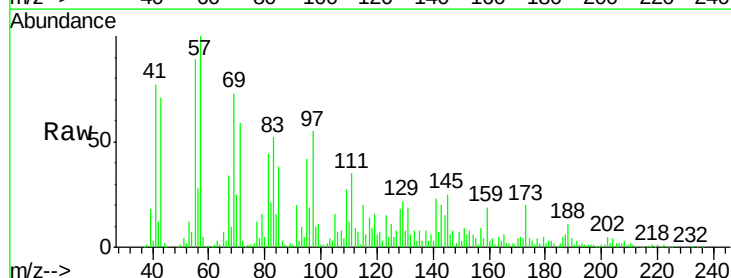
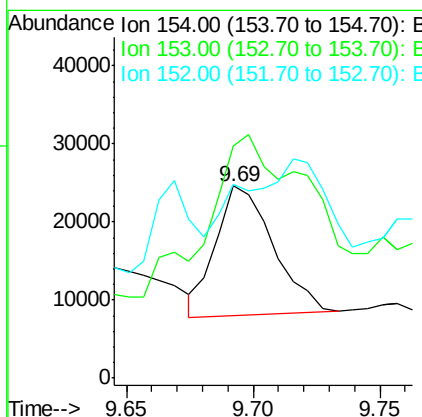
RT: 9.69 min Scan# 1327

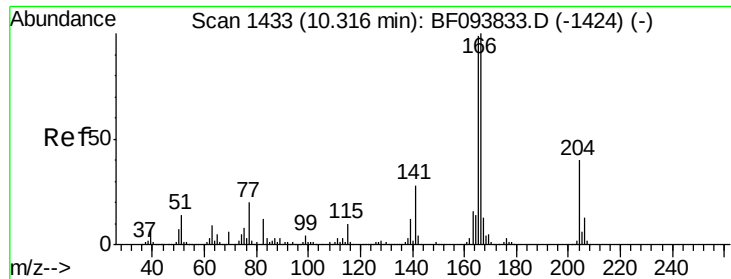
Delta R.T. 0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Tgt Ion:	154	Resp:	26356
Ion Ratio	Lower	Upper	
154	100		
153	120.9	90.5	135.7
152	100.6	43.6	65.4#





#57

Fluorene

Concen: 19.86 ng

RT: 10.33 min Scan# 1436

Delta R.T. 0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

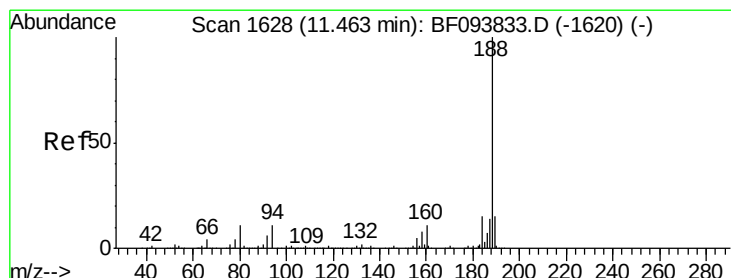
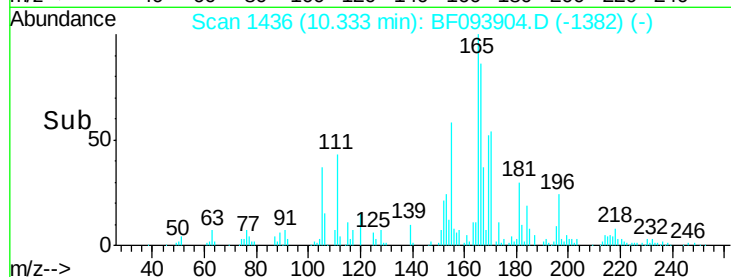
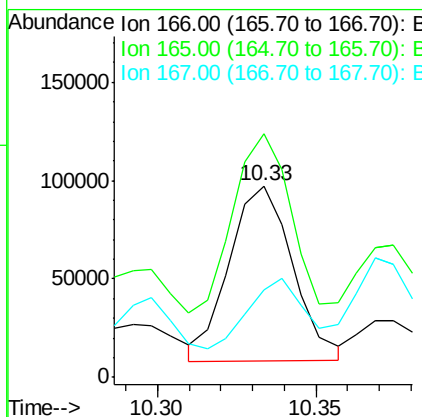
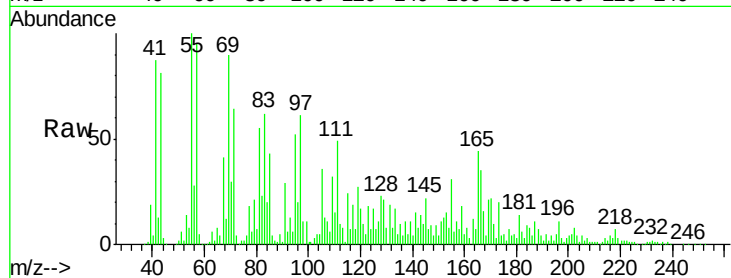
ClientSampleId :

GW2000RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	127.1	78.8	118.2#		
167	45.8	10.6	16.0#		

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

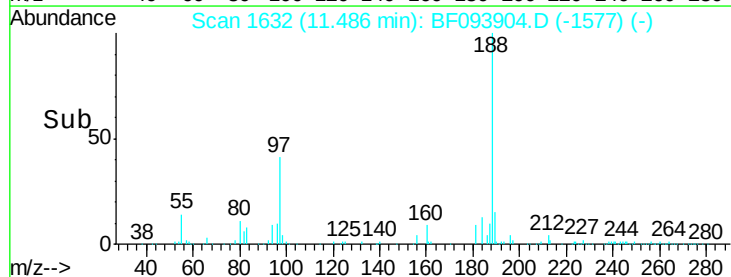
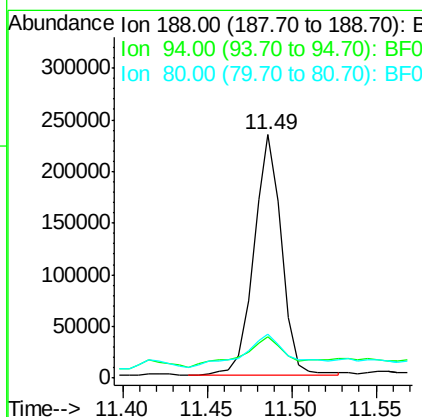
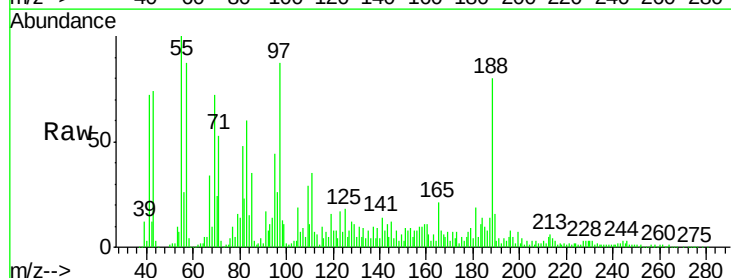
RT: 11.49 min Scan# 1632

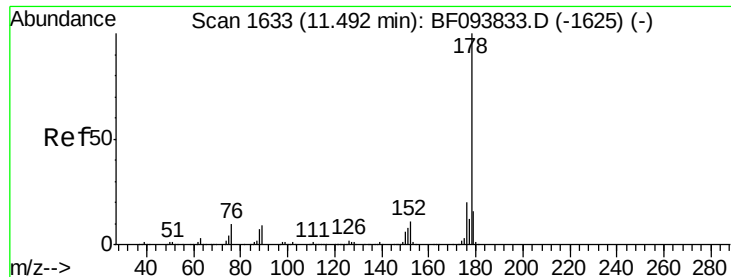
Delta R.T. 0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	17.1	9.4	14.2#		
80	18.1	10.2	15.2#		





#70

Phenanthrene

Concen: 9.33 ng

RT: 11.52 min Scan# 1637

Delta R.T. 0.02 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Instrument :

BNA_F

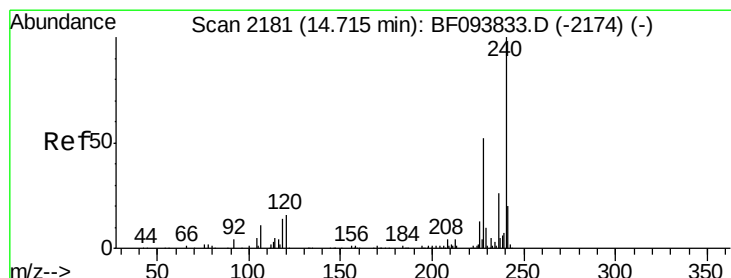
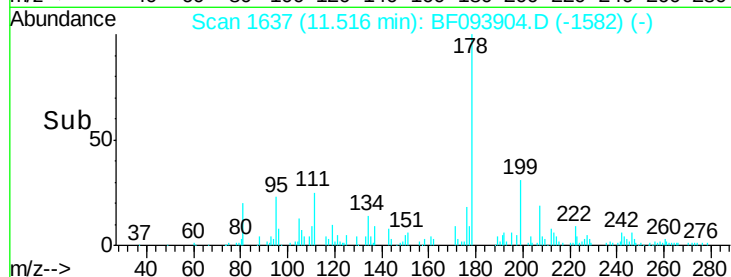
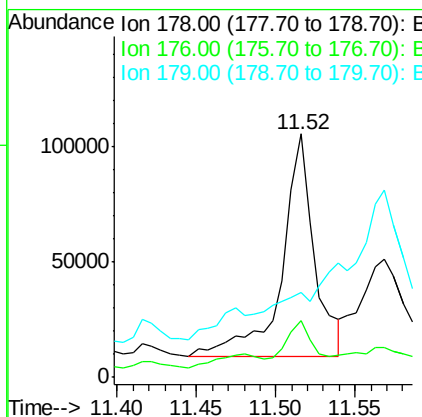
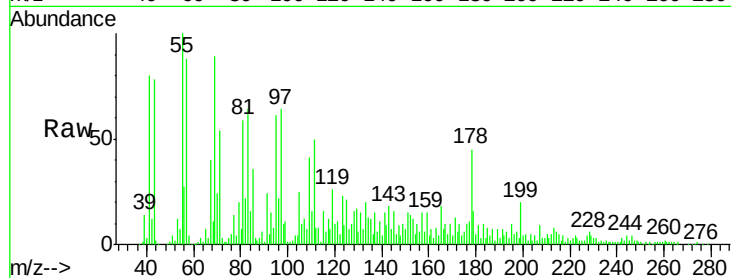
ClientSampled :

GW2000RE

Tot Ion:	178	Resp:	136891
Ion Ratio	Lower	Upper	
178	100		
176	23.1	16.2	24.4
179	34.8	12.6	19.0#

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

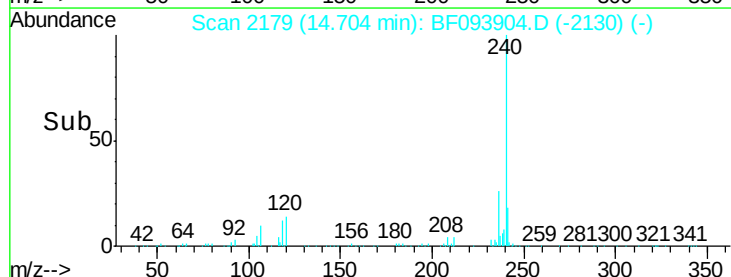
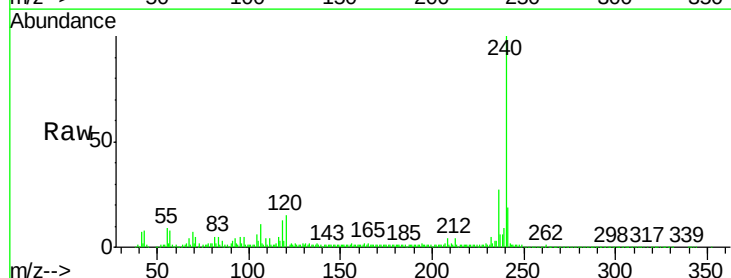
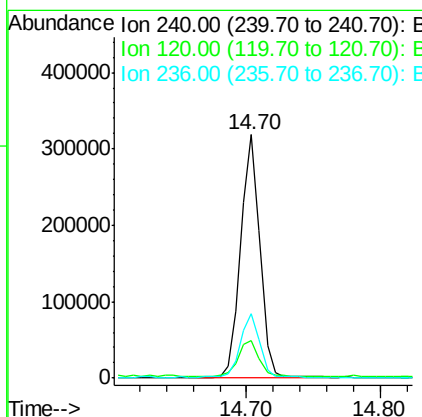
RT: 14.70 min Scan# 2179

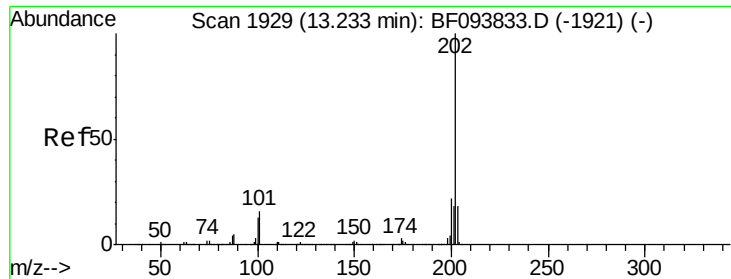
Delta R.T. -0.01 min

Lab File: BF093904.D

Acq: 24 Mar 2017 13:19

Tgt Ion:	240	Resp:	318726
Ion Ratio	Lower	Upper	
240	100		
120	15.4	5.8	8.8#
236	26.6	20.5	30.7





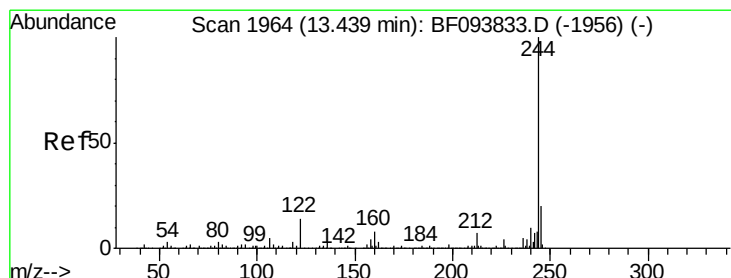
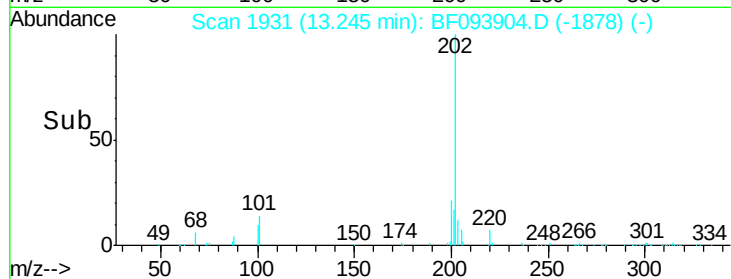
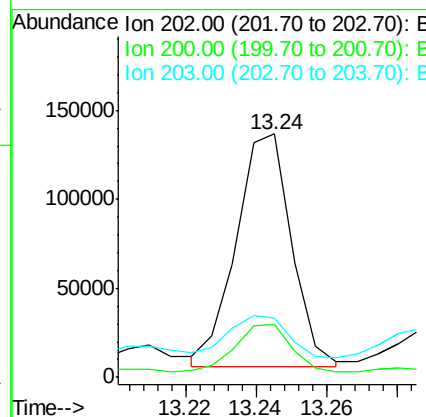
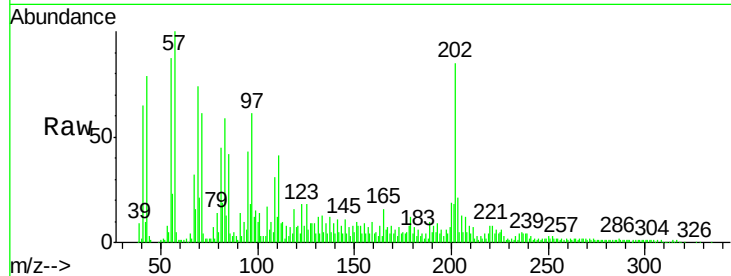
#77
Pvrene
Concen: 6.14 ng/ml
RT: 13.24 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Instrument :
BNA_F
ClientSampleId :
GW2000RE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	24.4	14.4	21.6

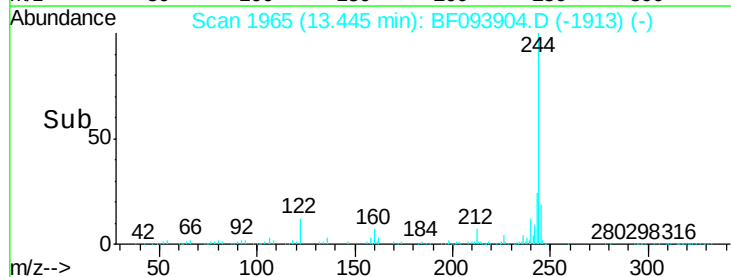
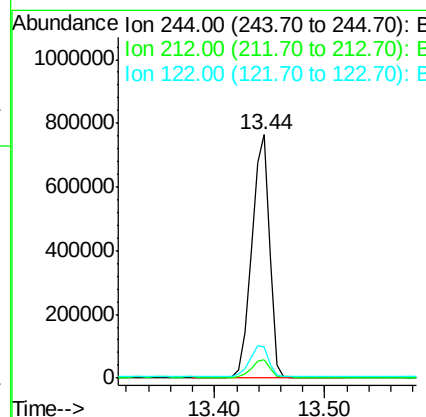
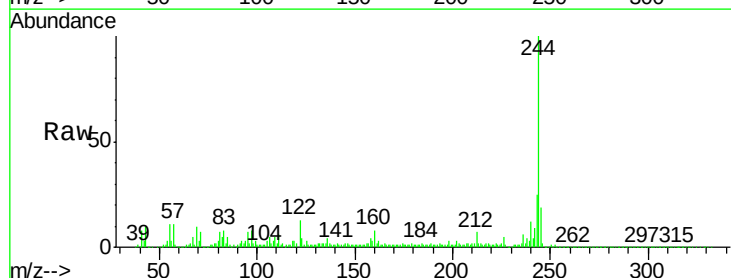
Manual Integrations
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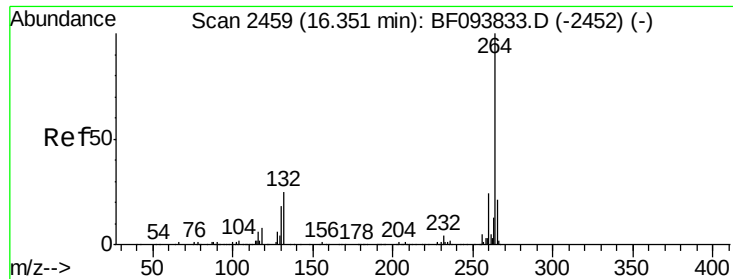
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#78
Terphenyl-d14
Concen: 60.30 ng
RT: 13.44 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.9	10.3	15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.33 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BF093904.D
Acq: 24 Mar 2017 13:19

Instrument :
BNA_F
ClientSampleId :
GW2000RE

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.2	17.2	25.8

Manual Integrations
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