

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096818.D
 Acq On : 17 Jul 2017 14:42
 Operator : SJ/JU
 Sample : I4030-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D5

Manual Integrations
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mohammad
 7/20/2017 8:36:49 AM

Quant Time: Jul 17 16:29:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	111363	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	343230	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	153306	20.00	ng	-0.03
63) Phenanthrene-d10	11.12	188	181216	20.00	ng	-0.03
75) Chrysene-d12	13.74	240	138025	20.00	ng	-0.04
86) Perylene-d12	15.12	264	175698	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	703153	94.94	ng	-0.01
7) Phenol-d6	6.27	99	887008	99.80	ng	-0.01
23) Nitrobenzene-d5	7.17	82	540404	97.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.43	330	110328	84.31	ng	-0.03
44) 2-Fluorobiphenyl	8.97	172	705602	72.72	ng	-0.02
78) Terphenyl-d14	12.70	244	350594	44.05	ng	-0.04
Target Compounds						
31) Naphthalene	7.92	128	148197	9.114	ng	# 95
37) 2-Methylnaphthalene	8.61	142	117879	11.372	ng	97
45) 1,1'-Biphenyl	9.07	154	30212	2.298	ng	96
49) Dimethylphthalate	9.36	163	145539	12.608	ng	# 98
70) Phenanthrene	11.14	178	55438	5.626	ng	# 95
74) Fluoranthene	12.33	202	29536	3.132	ng	93
77) Pyrene	12.54	202	32664	2.608	ng	96
83) Bis(2-ethylhexyl)phthalate	13.74	149	935329	129.044	ng	99

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

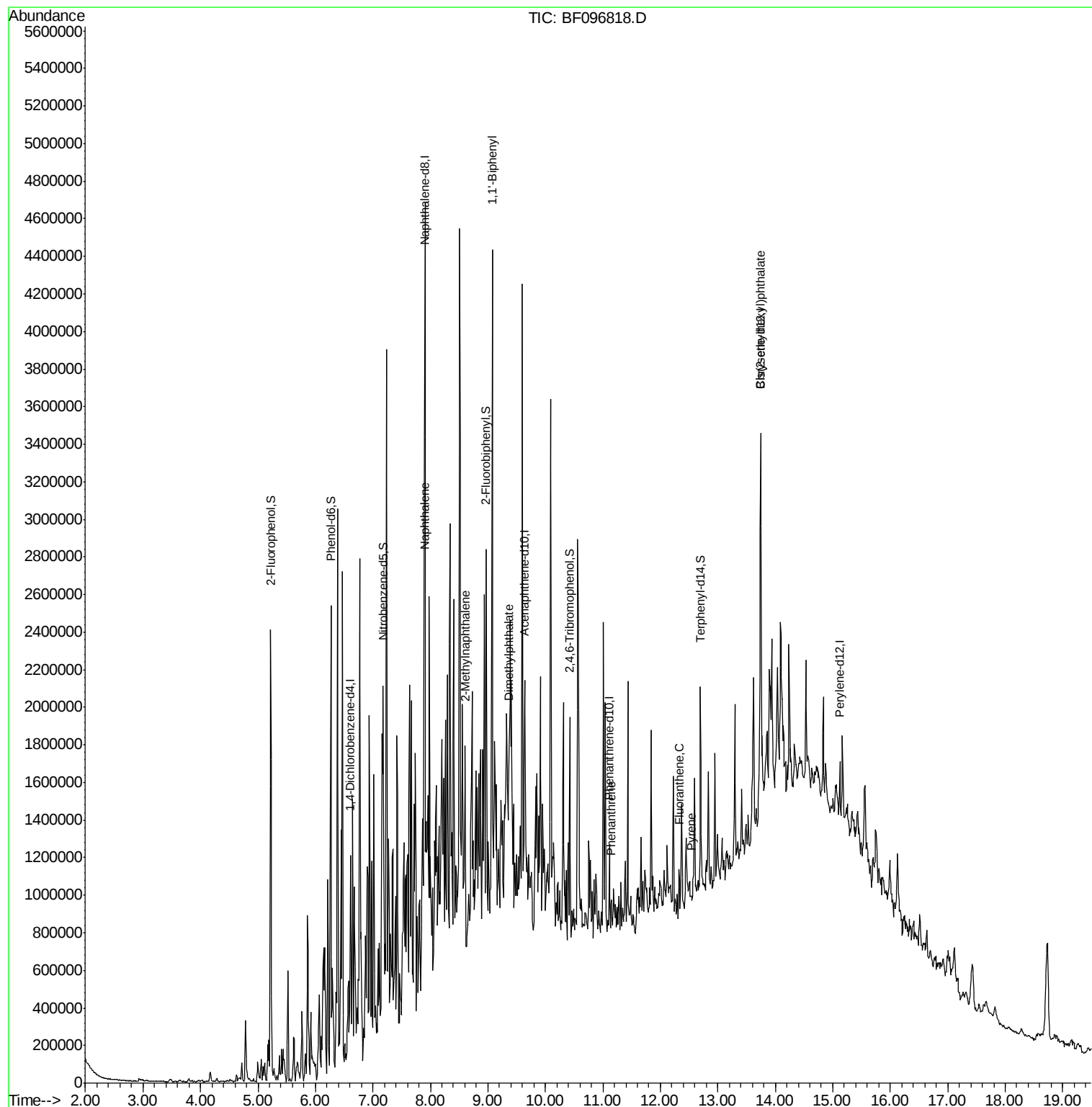
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
Data File : BF096818.D
Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

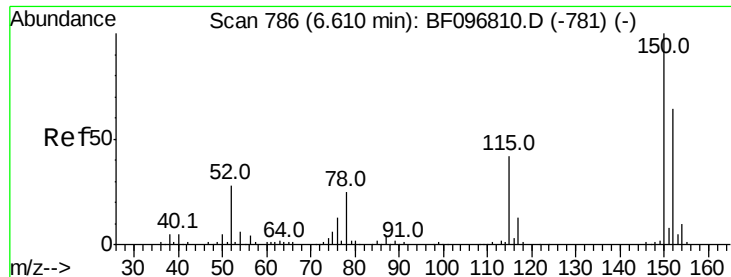
Instrument :
BNA_F
ClientSampleID :
D5

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Quant Time: Jul 17 16:29:05 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

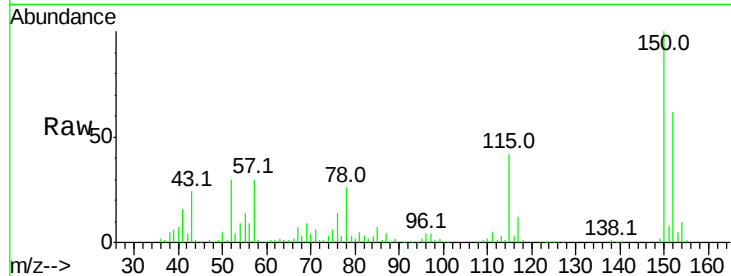
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096818.D
Acq: 17 Jul 2017 14:42

Instrument :
BNA_F
ClientSampleId :
D5

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.2	189.2
115	66.9	52.2	78.2

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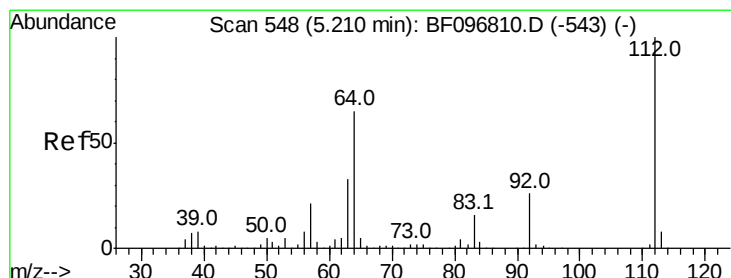
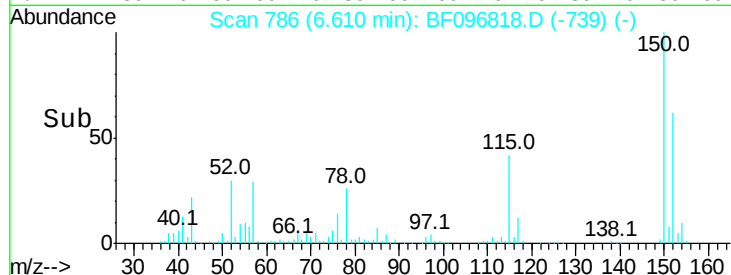
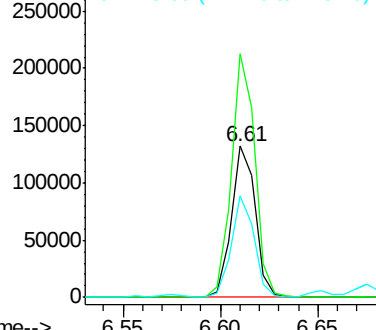


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

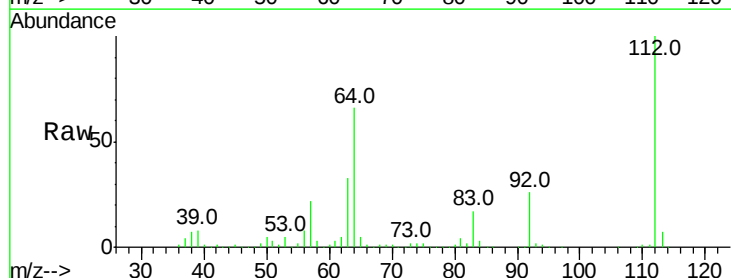
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.937 ng
RT: 5.22 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF096818.D
Acq: 17 Jul 2017 14:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.0	69.0
63	33.5	23.4	35.0

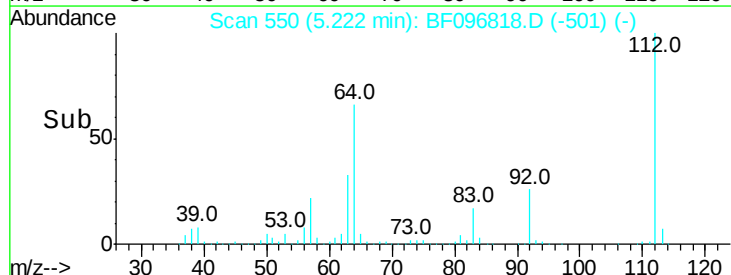
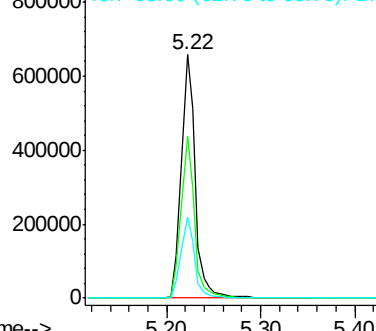


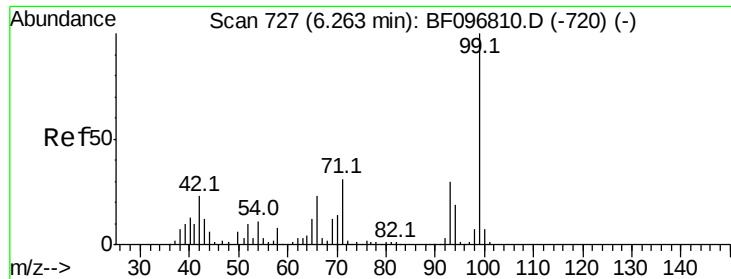
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.798 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Instrument :

BNA_F

ClientSampled :

D5

Tot Ion: 99 Resp: 887008

Ion Ratio Lower Upper

99 100

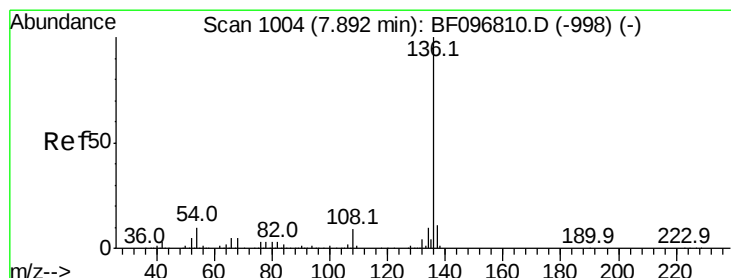
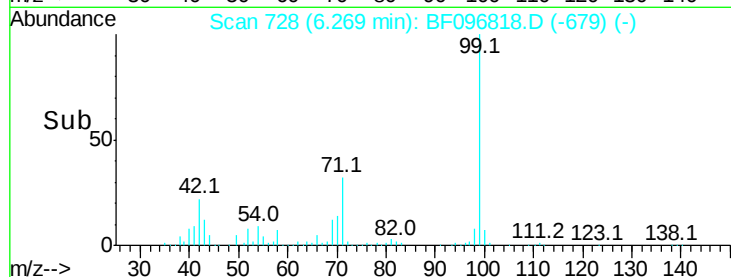
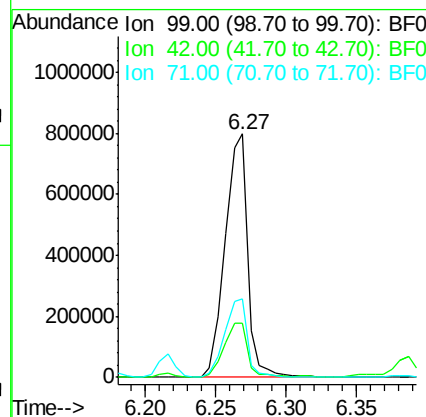
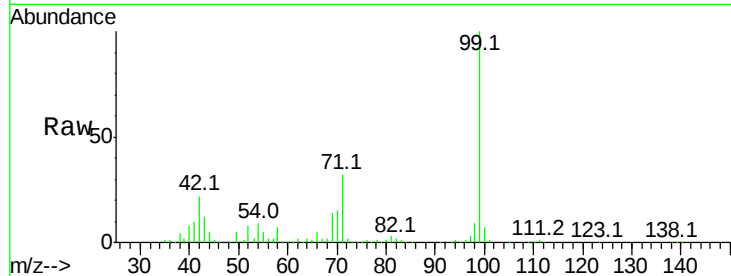
42 22.0 13.5 20.3#

71 32.0 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Tgt Ion: 136 Resp: 343230

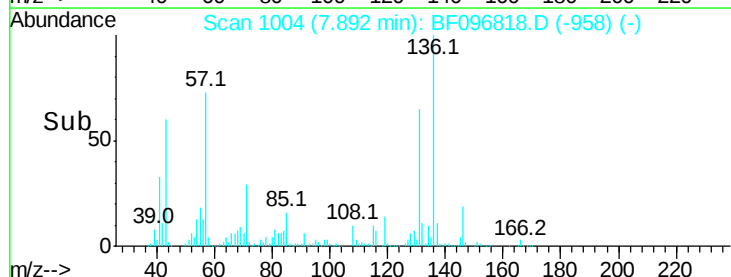
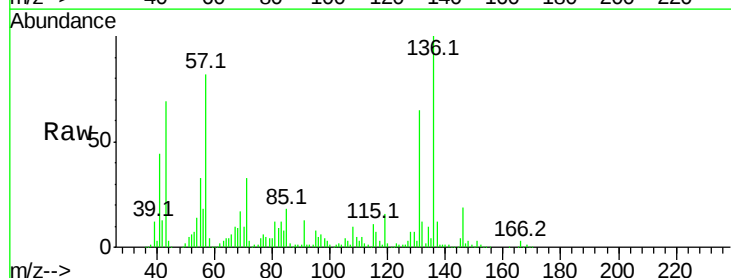
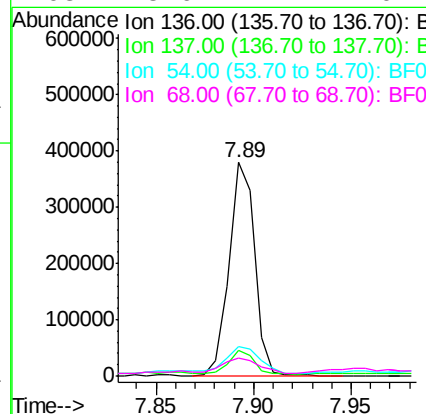
Ion Ratio Lower Upper

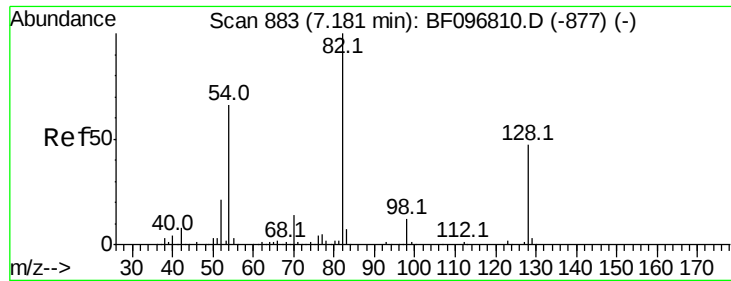
136 100

137 12.2 8.5 12.7

54 13.9 4.9 7.3#

68 8.6 4.1 6.1#





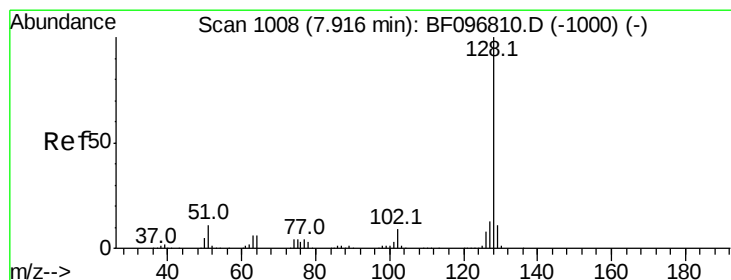
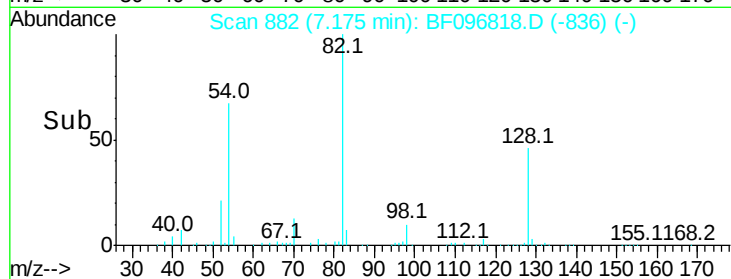
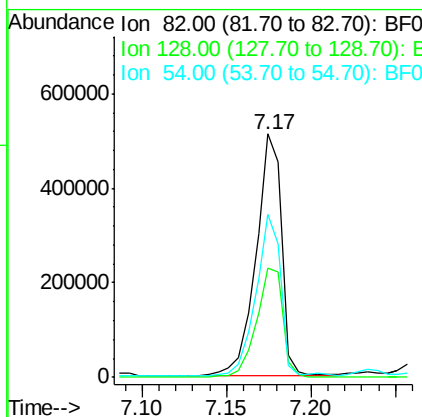
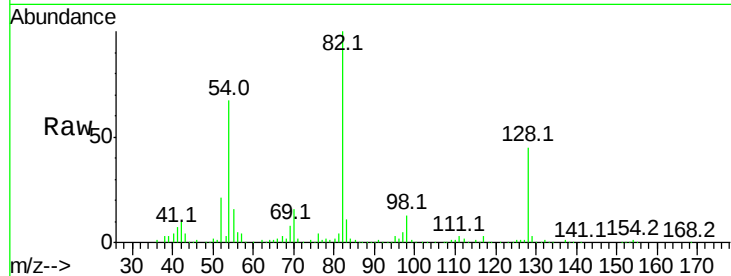
#23
Nitrobenzene-d5
Concen: 97.524 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096818.D
Acq: 17 Jul 2017 14:42

Instrument :
BNA_F
ClientSampleId :
D5

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	34.0	51.0	
54	67.1	42.2	63.2	

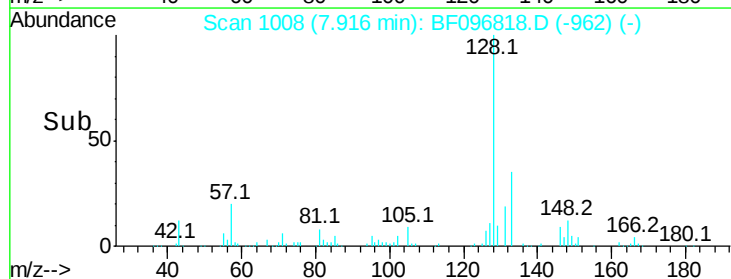
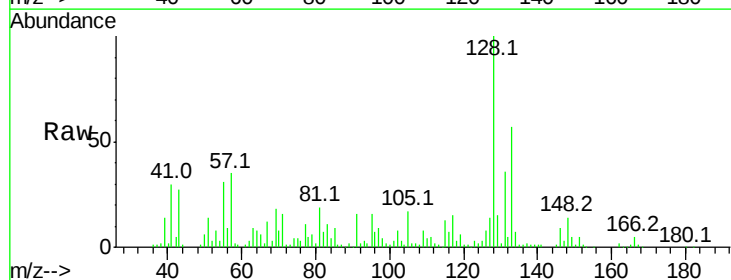
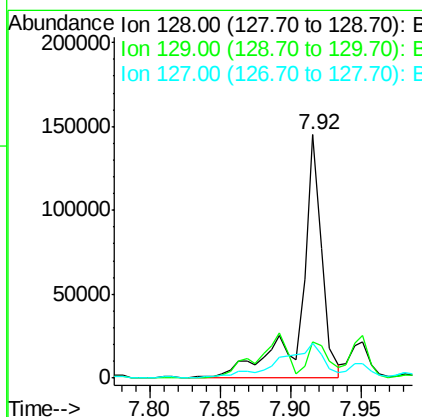
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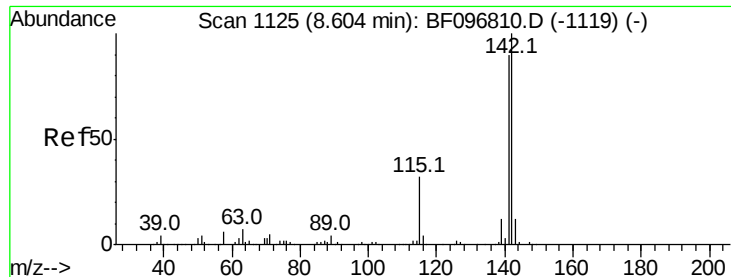
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#31
Naphthalene
Concen: 9.114 ng
RT: 7.92 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF096818.D
Acq: 17 Jul 2017 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	15.0	9.0	13.6	
127	14.2	10.8	16.2	





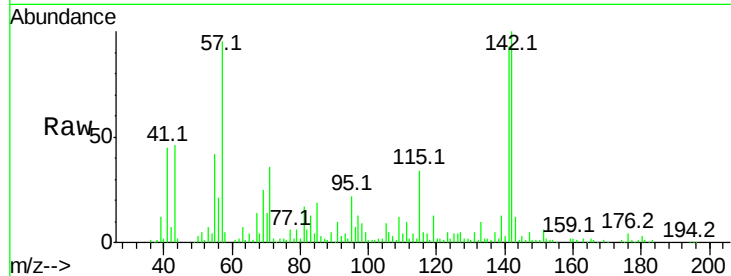
#37
2-Methylnaphthalene
Concen: 11.372 ng
RT: 8.61 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF096818.D
Acq: 17 Jul 2017 14:42

Instrument :
BNA_F
ClientSampleId :
D5

Tot Ion	Ratio	Resp	Lower	Upper
142	100	117879		
141	92.7	71.3	106.9	
115	34.0	27.1	40.7	

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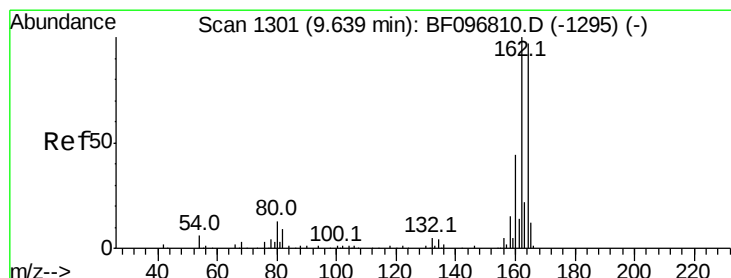
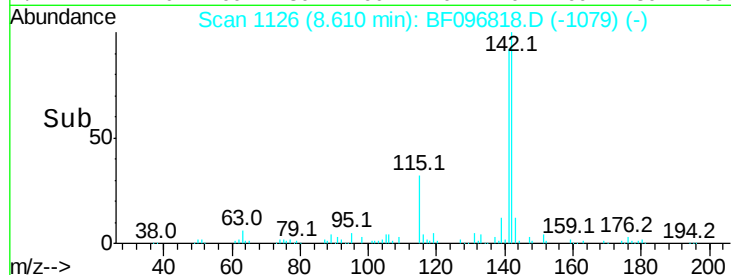
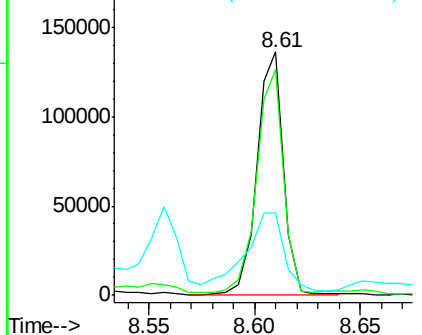


Abundance

Ion 142.00 (141.70 to 142.70): E

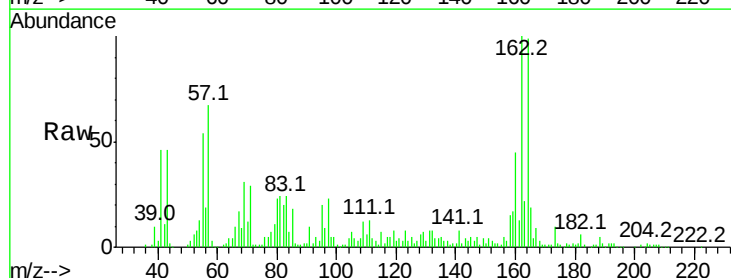
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF096818.D
Acq: 17 Jul 2017 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153306		
162	101.3	82.6	123.8	
160	45.2	36.2	54.2	

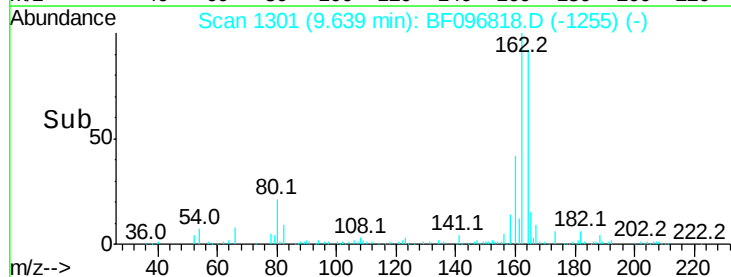
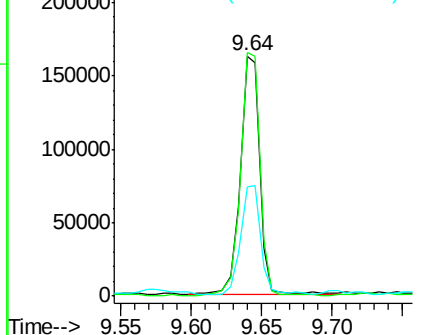


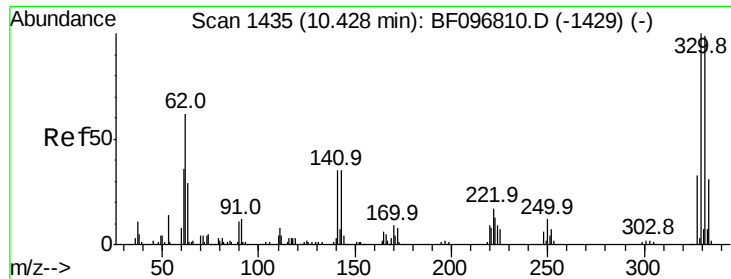
Abundance

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: 84.310 ng

RT: 10.43 min Scan# 1435

Delta R.T. -0.03 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Instrument :

BNA_F

ClientSampled :

D5

Tot Ion:330 Resp: 110328

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

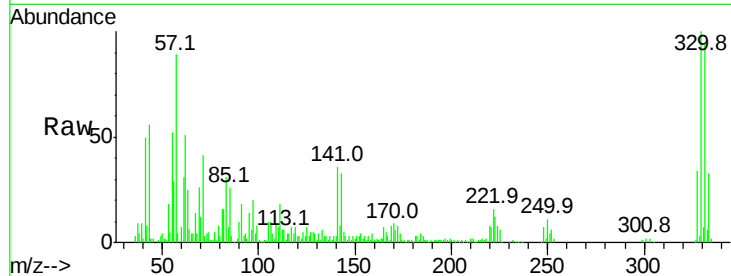
141 41.8 31.4 47.2

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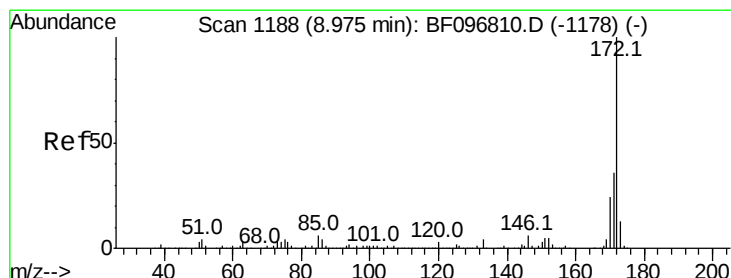
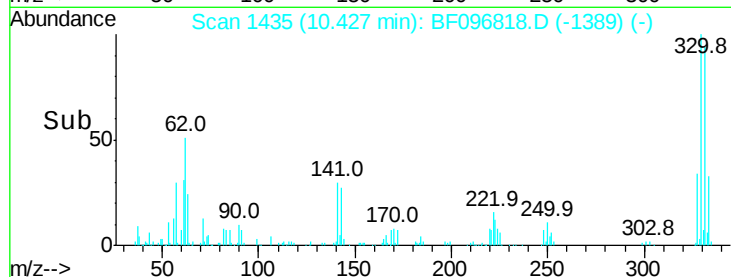
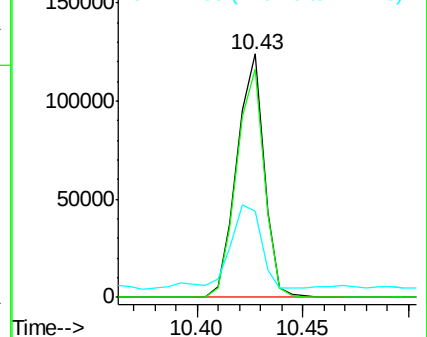
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 72.717 ng

RT: 8.97 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

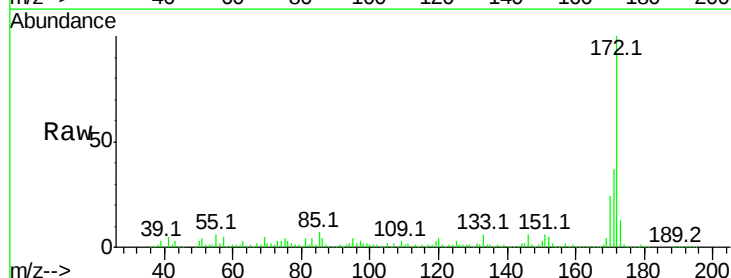
Tgt Ion:172 Resp: 705602

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

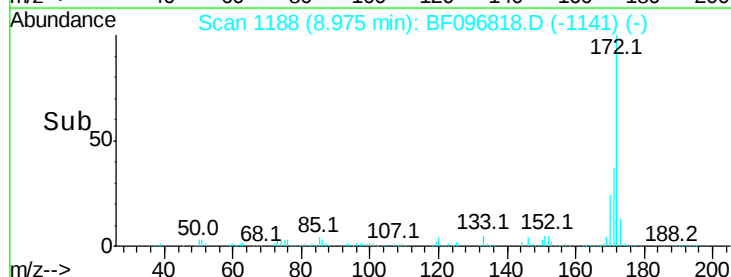
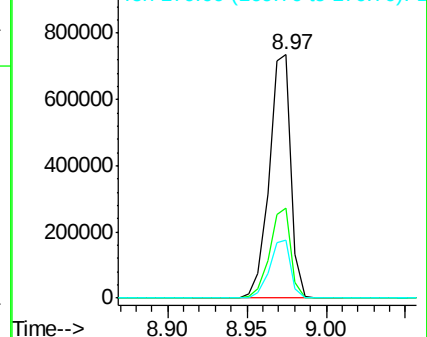
170 23.9 19.8 29.8

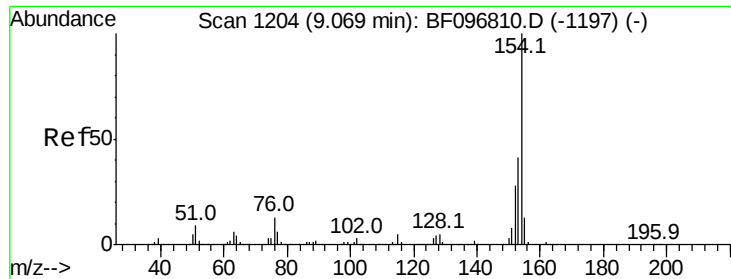


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 2.298 ng

RT: 9.07 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Instrument :

BNA_F

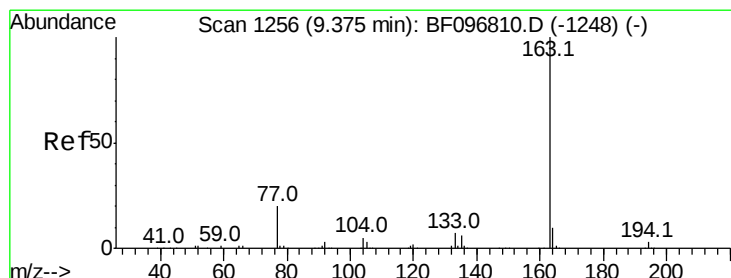
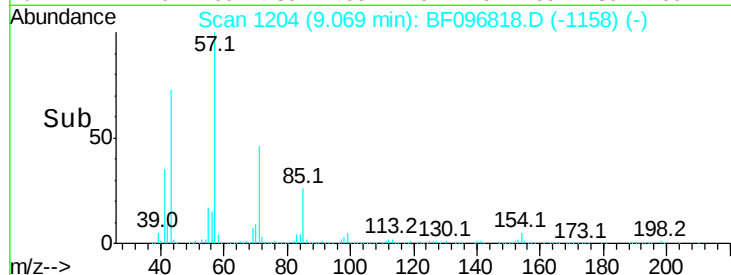
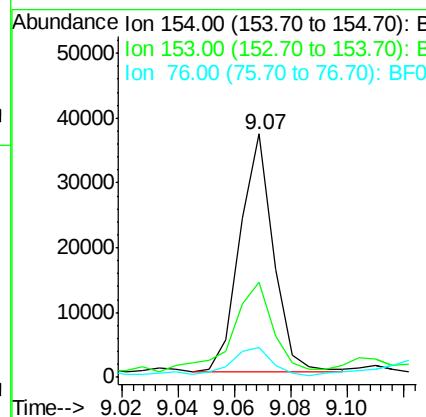
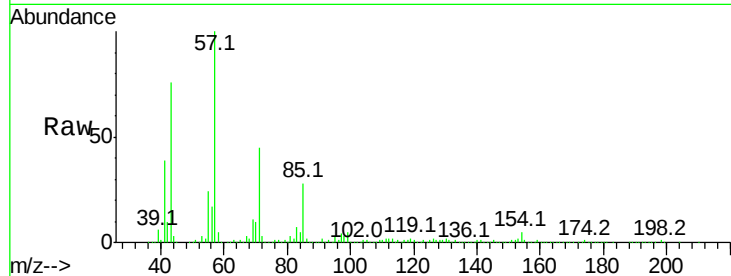
ClientSampled :

D5

Tot Ion:	154	Resp:	30212
Ion Ratio	Lower	Upper	
154	100		
153	39.1	21.2	61.2
76	12.4	0.0	29.9

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#49

Dimethylphthalate

Concen: 12.608 ng

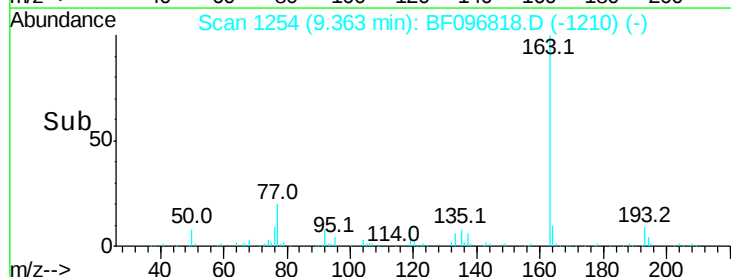
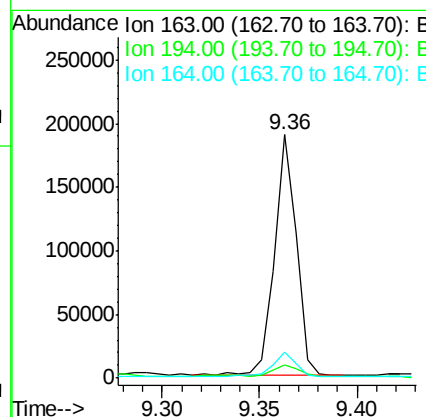
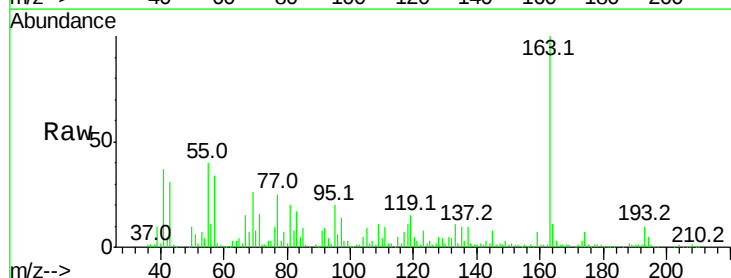
RT: 9.36 min Scan# 1254

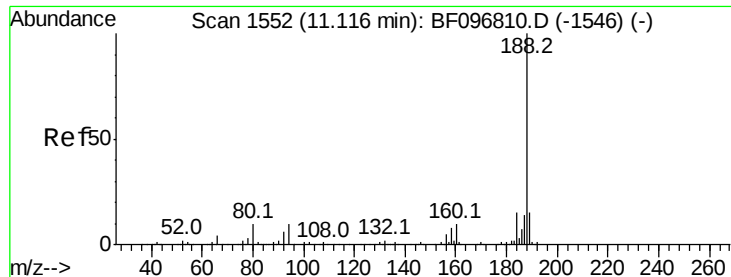
Delta R.T. -0.04 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Tgt Ion:	163	Resp:	145539
Ion Ratio	Lower	Upper	
163	100		
194	5.4	2.6	4.0#
164	10.6	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1552

Delta R.T. -0.03 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Instrument :

BNA_F

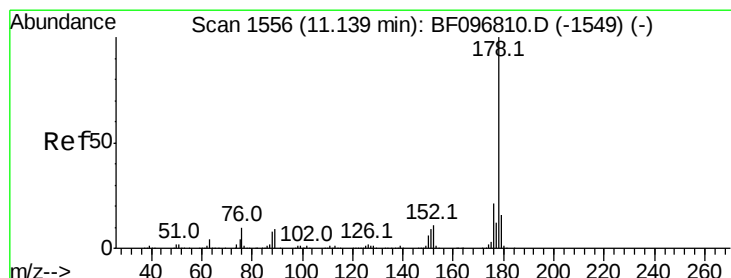
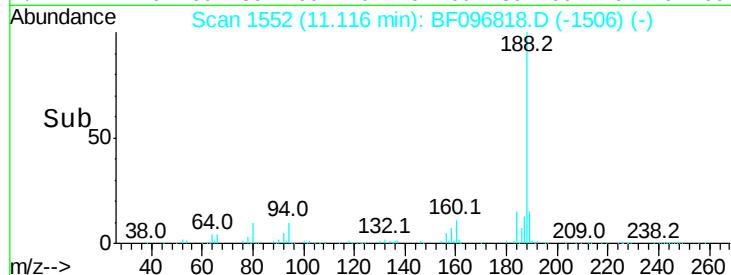
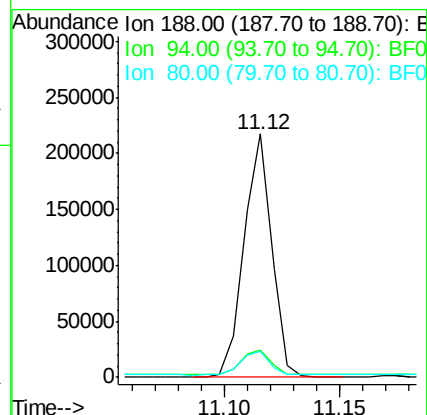
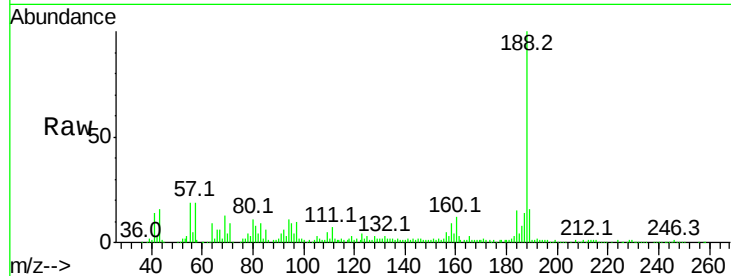
ClientSampled :

D5

Tot Ion:	188	Resp:	181216
Ion Ratio	Lower	Upper	
188	100		
94	11.3	9.4	14.2
80	10.8	10.2	15.2

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#70

Phenanthrene

Concen: 5.626 ng

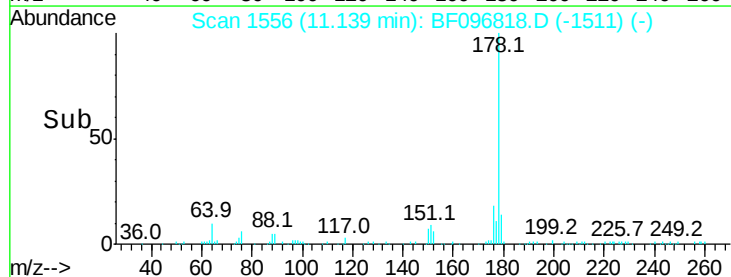
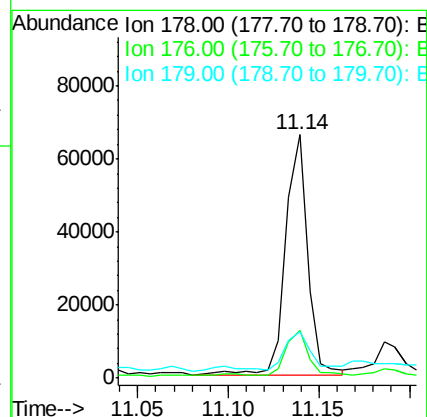
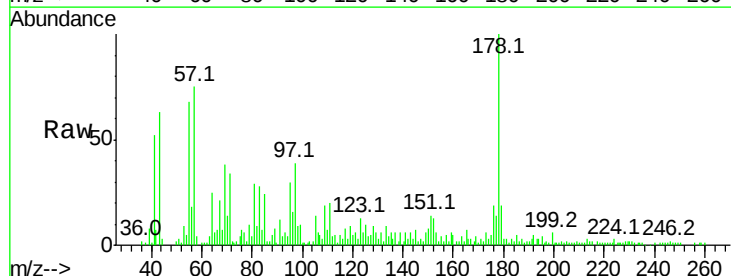
RT: 11.14 min Scan# 1556

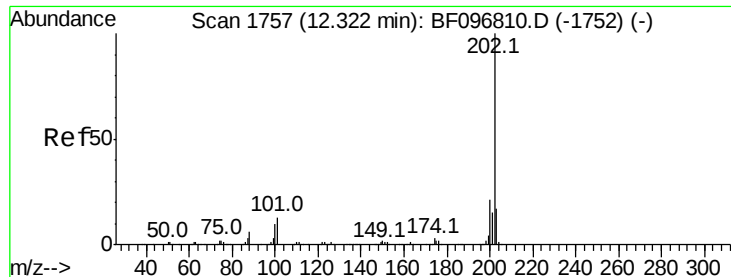
Delta R.T. -0.04 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Tgt Ion:	178	Resp:	55438
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.4
179	19.2	12.6	19.0#





#74

Fluoranthene

Concen: 3.132 ng

RT: 12.33 min Scan# 1758

Delta R.T. -0.03 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Instrument :

BNA_F

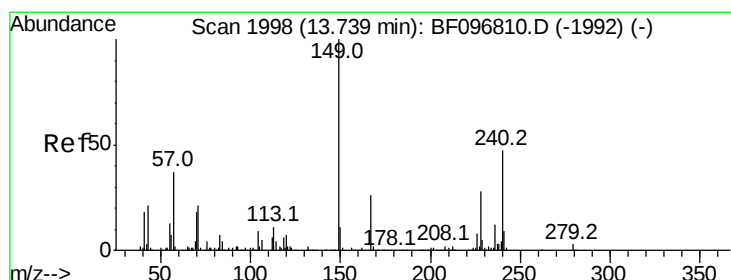
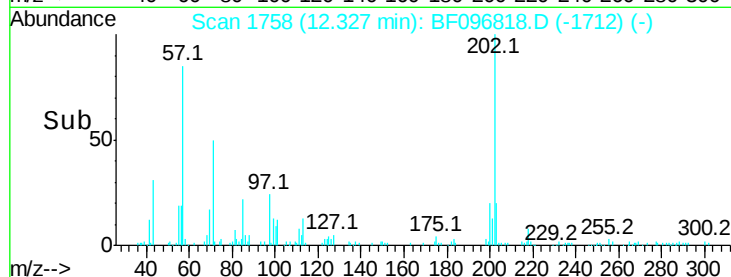
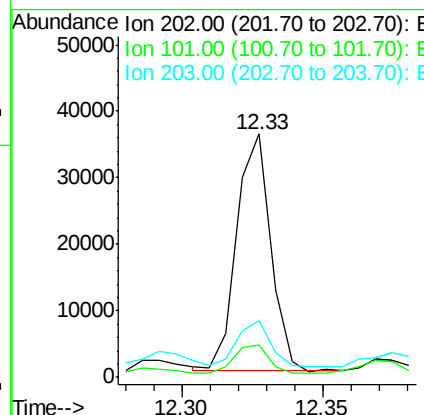
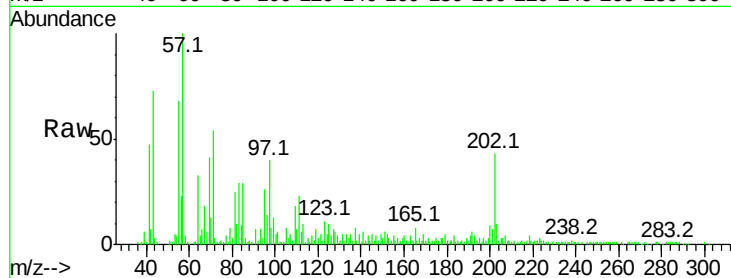
ClientSampled :

D5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	29536		
101	13.5	0.0	33.2	
203	23.5	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

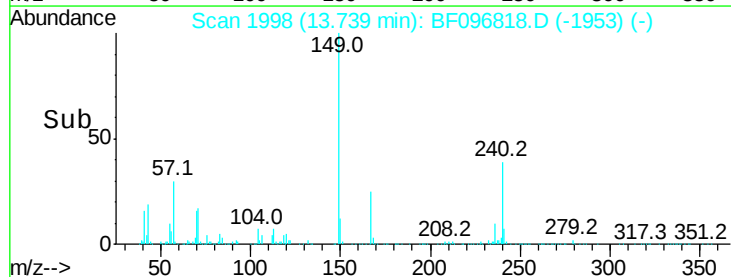
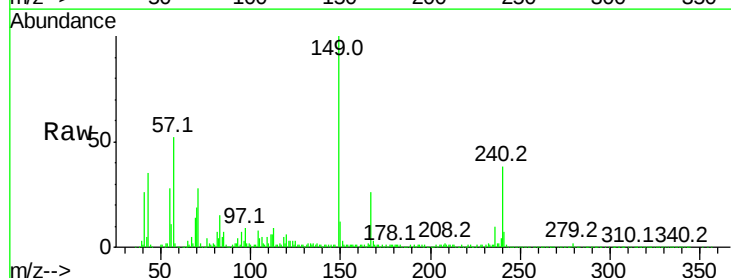
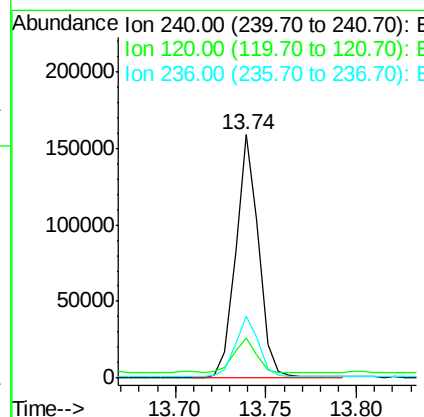
RT: 13.74 min Scan# 1998

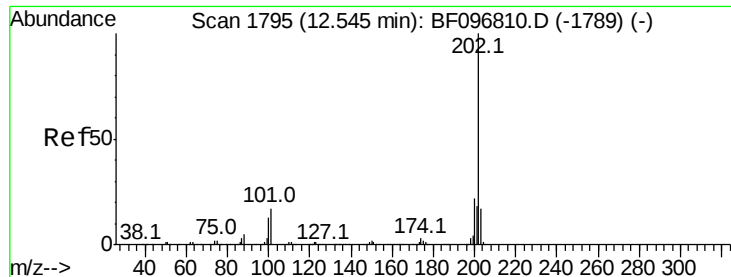
Delta R.T. -0.04 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	138025		
120	16.4	5.8	8.8#	
236	25.5	20.5	30.7	





#77

Pvrene

Concen: 2.608 ng

RT: 12.54 min Scan# 1795

Delta R.T. -0.04 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Instrument :

BNA_F

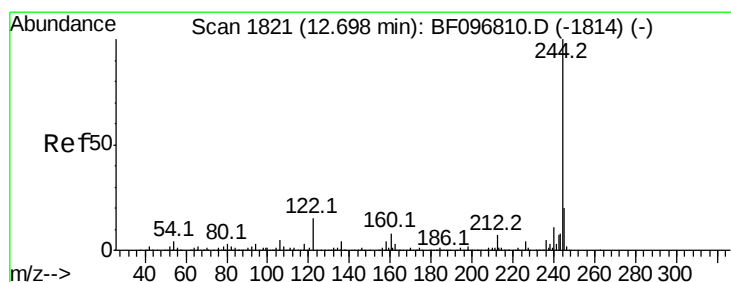
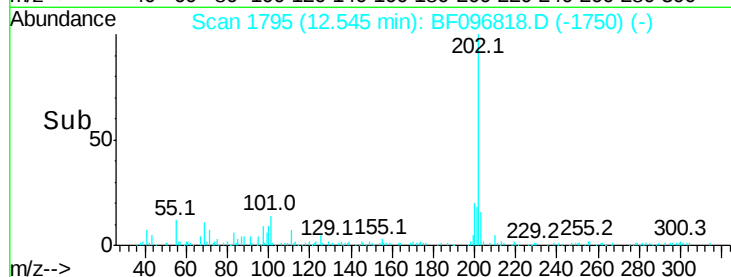
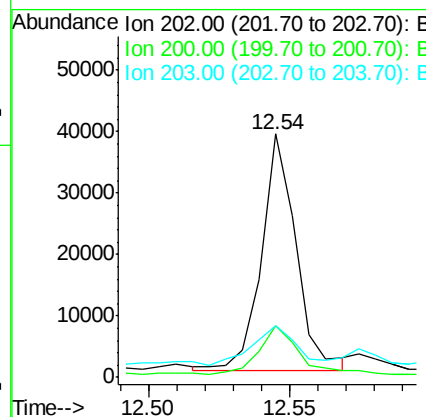
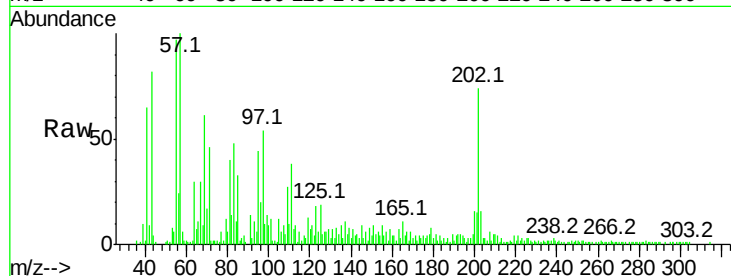
ClientSampled :

D5

Tot Ion:	202	Resp:	32664
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	21.1	14.4	21.6

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#78

Terphenyl-d14

Concen: 44.052 ng

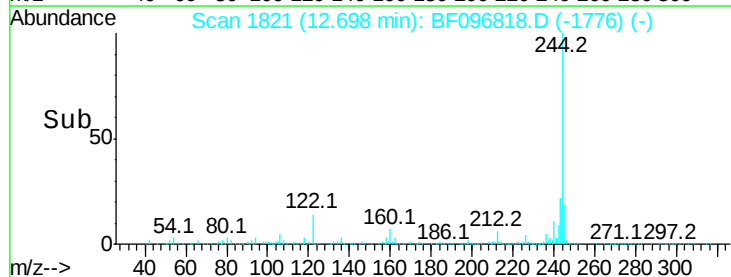
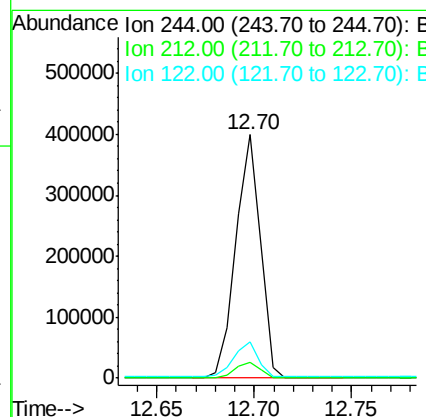
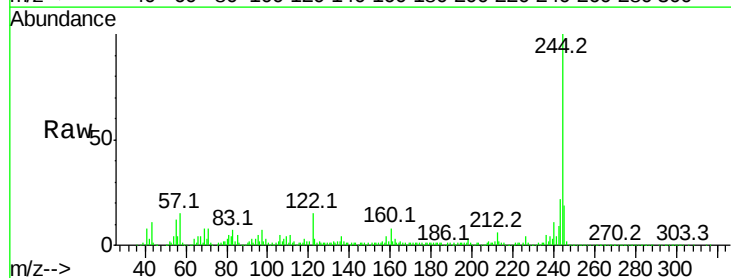
RT: 12.70 min Scan# 1821

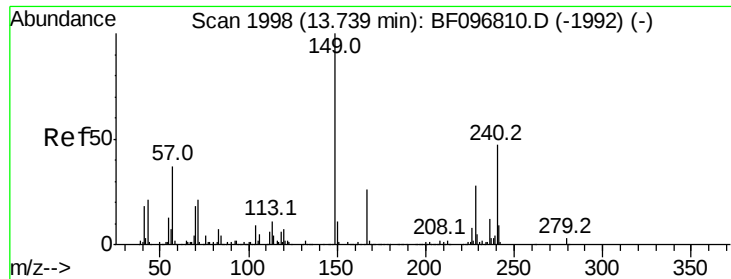
Delta R.T. -0.04 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Tgt Ion:	244	Resp:	350594
Ion Ratio	Lower	Upper	
244	100		
212	6.5	6.0	9.0
122	14.7	10.3	15.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 129.044 ng

RT: 13.74 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Instrument :

BNA_F

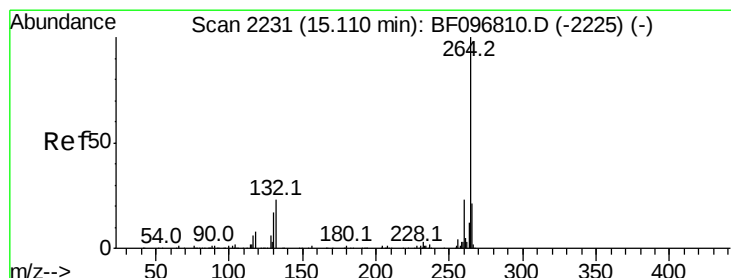
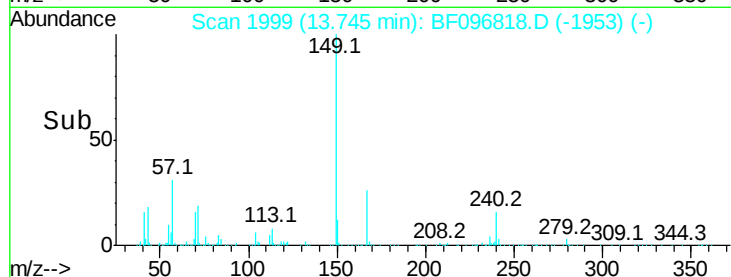
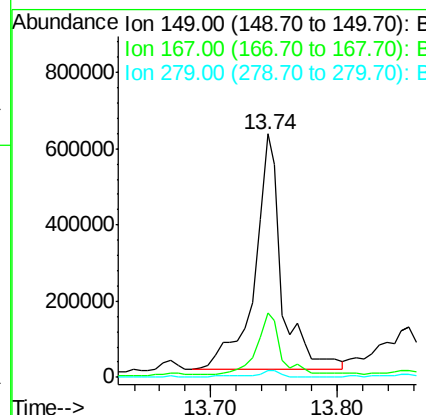
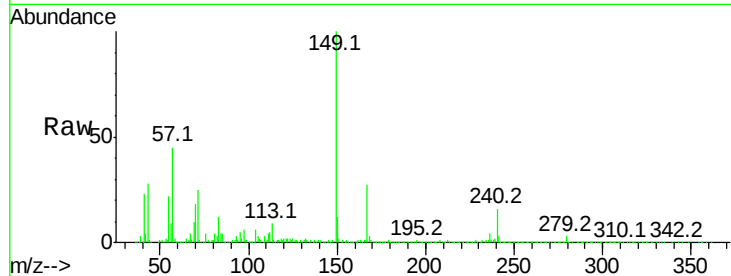
ClientSampleId :

D5

Tot Ion:	149	Resp:	935329
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.0	31.4
279	2.8	1.9	2.9

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.12 min Scan# 2233

Delta R.T. -0.04 min

Lab File: BF096818.D

Acq: 17 Jul 2017 14:42

Tgt Ion:	264	Resp:	175698
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.5	29.3
265	21.5	17.2	25.8

