

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096336.D
 Acq On : 30 Jun 2017 14:44
 Operator : SJ/MA
 Sample : I3883-12 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G53-1.5-3

Manual Integrations
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 7/3/2017 11:36:51 AM

Quant Time: Jun 30 18:22:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	157196	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	622186	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	228515	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	325302	20.00	ng	0.00
75) Chrysene-d12	13.92	240	289933	20.00	ng	0.00
86) Perylene-d12	15.35	264	194266	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	208511	19.11	ng	0.00
7) Phenol-d6	6.39	99	253621	19.20	ng	0.00
23) Nitrobenzene-d5	7.32	82	127781	14.22	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	34902	19.41	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	215931	17.31	ng	-0.02
78) Terphenyl-d14	12.87	244	142294	12.25	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.52	163	36218	2.21	ng	96
73) Di-n-butylphthalate	11.86	149	1311407	61.89	ng	99
74) Fluoranthene	12.50	202	113989	6.31	ng	97
77) Pyrene	12.72	202	105209	4.42	ng	98
80) Benzo(a)anthracene	13.91	228	41283	2.34	ng	97
82) Chrysene	13.94	228	45210	2.47	ng	97
87) Benzo(b)fluoranthene	14.94	252	45086m	3.53	ng	
89) Benzo(a)pyrene	15.29	252	26993	2.39	ng	# 72

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

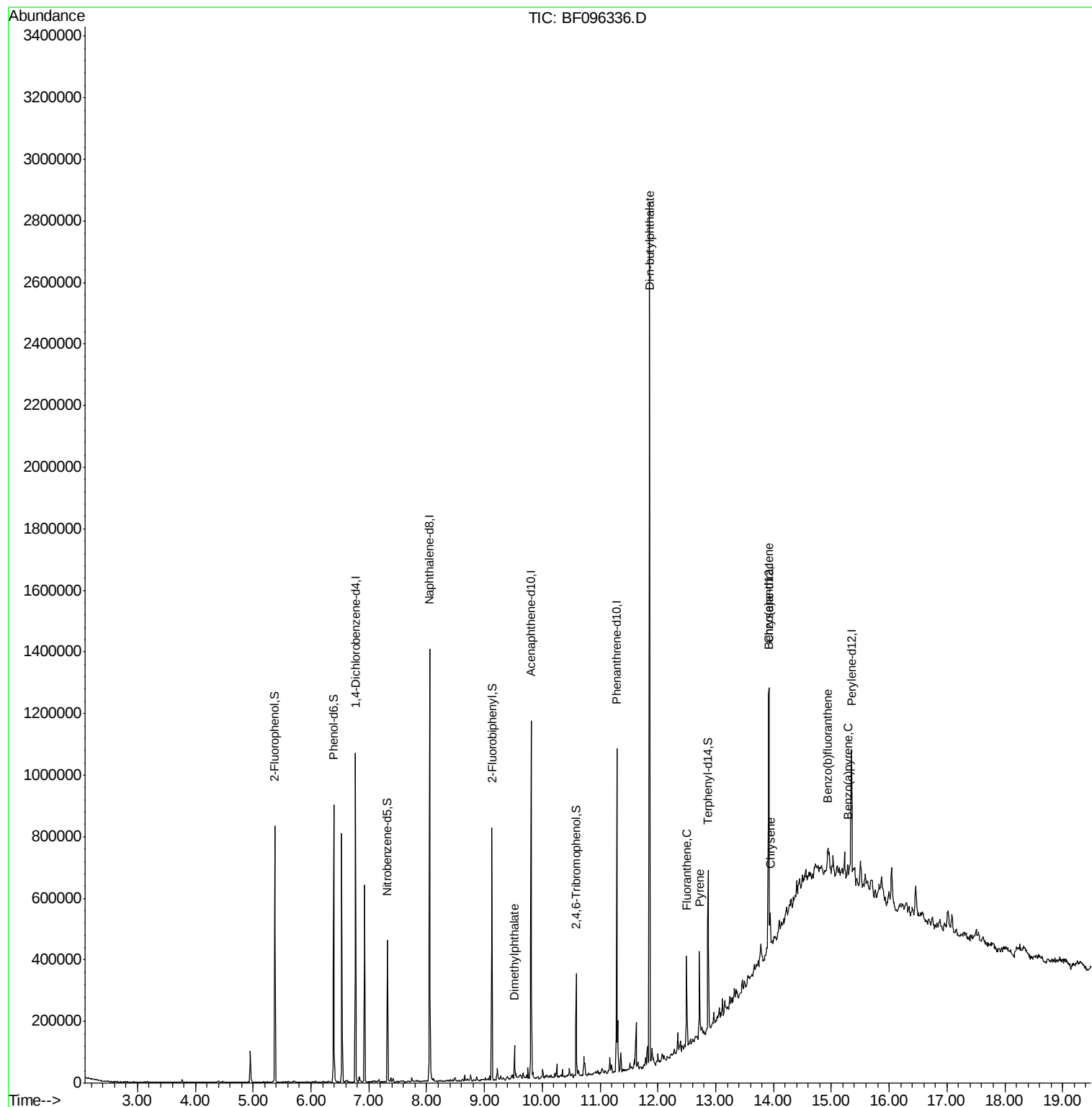
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096336.D
Acq On : 30 Jun 2017 14:44
Operator : SJ/MA
Sample : I3883-12 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

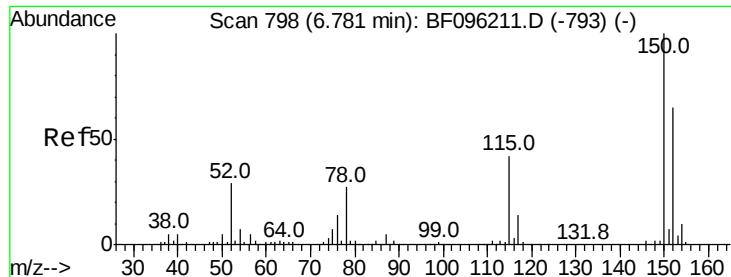
Instrument :
BNA_F
ClientSampleId :
G53-1.5-3

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#1

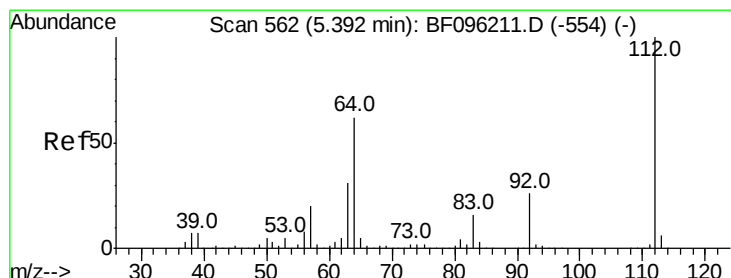
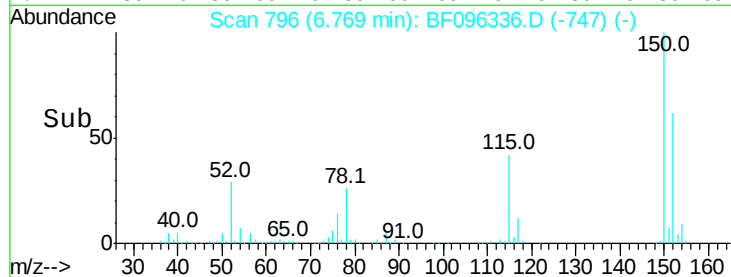
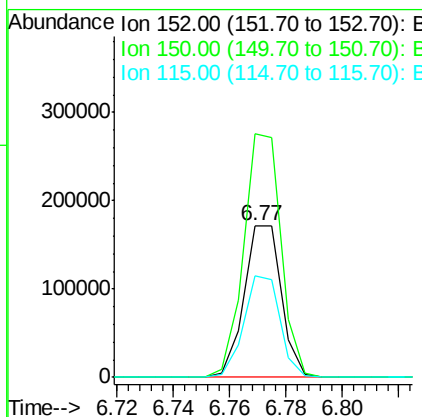
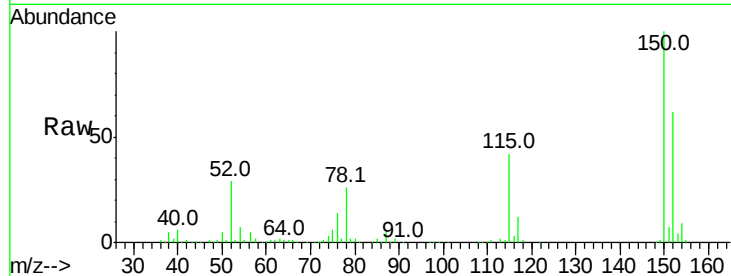
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Instrument :
BNA_F
ClientSampleId :
G53-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	66.5	52.2	78.2

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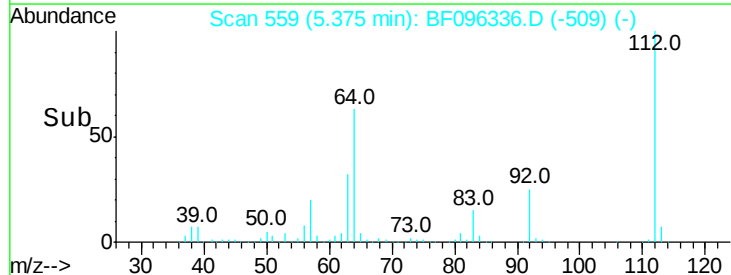
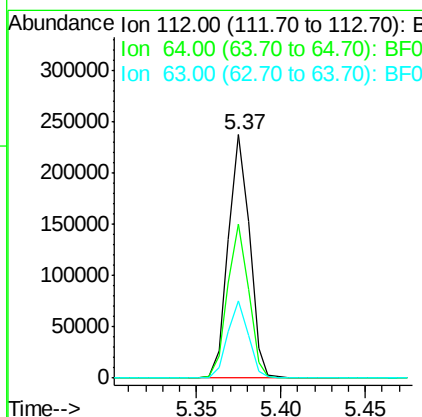
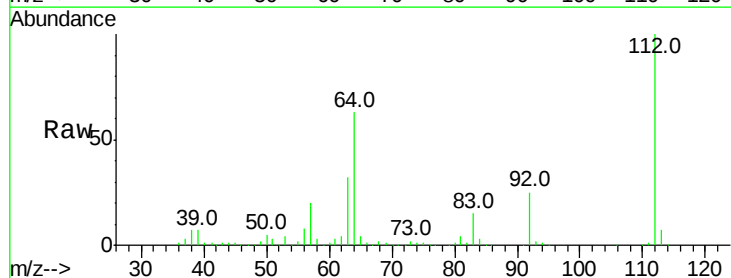
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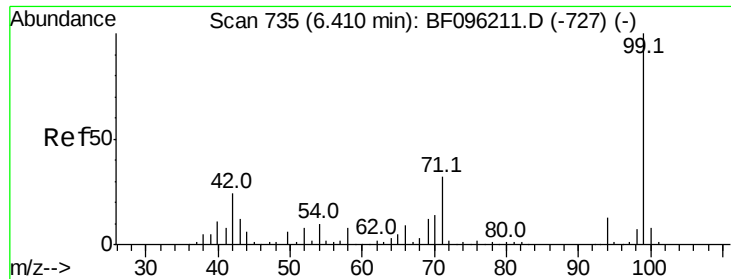


#5

2-Fluorophenol
Concen: 19.11 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.0	69.0
63	31.8	23.4	35.0





#7

Phenol-d6

Concen: 19.20 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096336.D

Acq: 30 Jun 2017 14:44

Instrument :

BNA_F

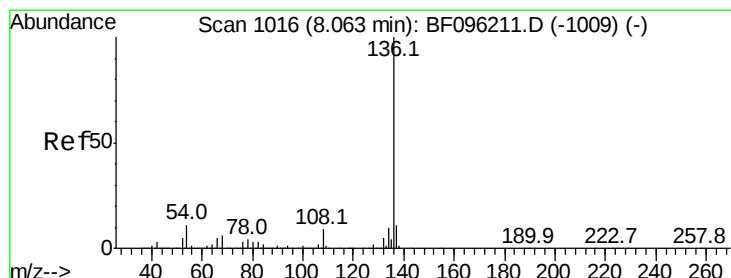
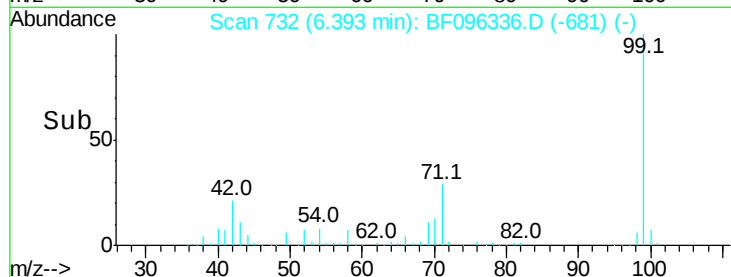
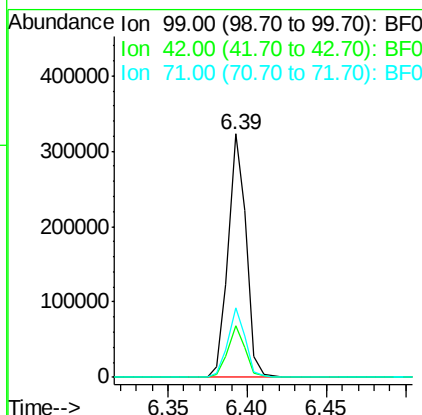
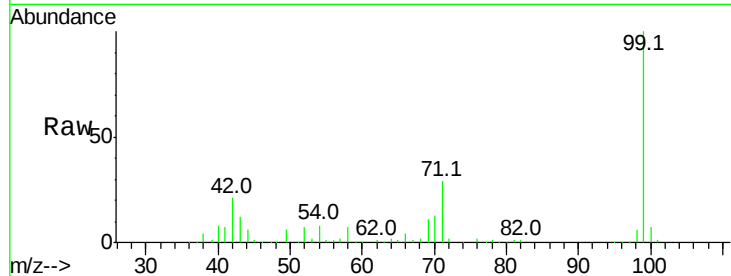
ClientSampleId :

G53-1.5-3

Tot Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	28.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

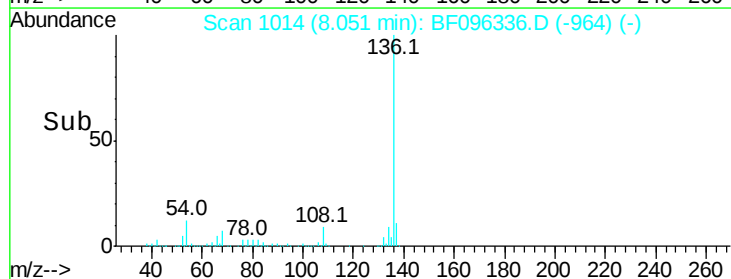
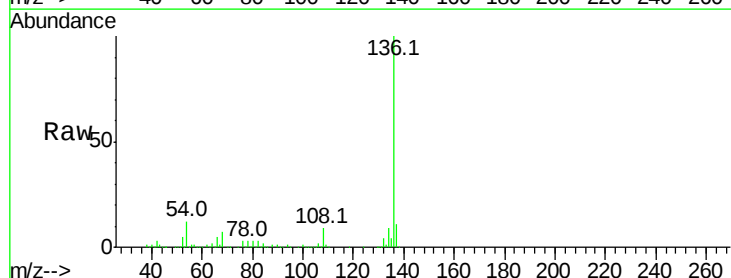
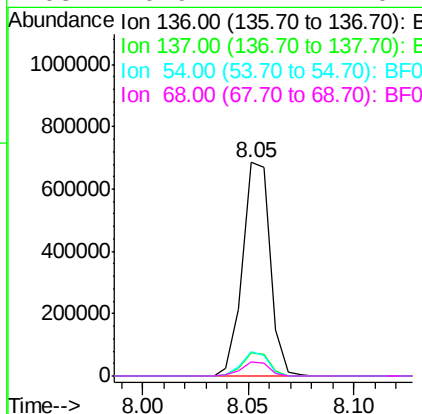
RT: 8.05 min Scan# 1014

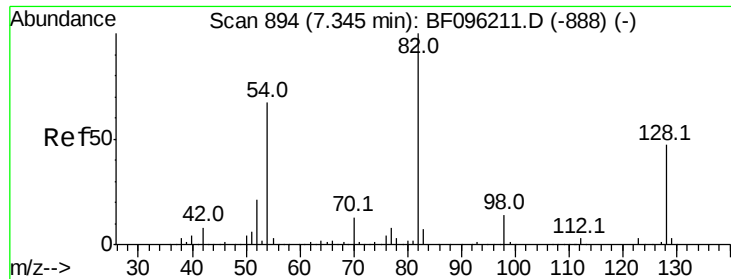
Delta R.T. -0.01 min

Lab File: BF096336.D

Acq: 30 Jun 2017 14:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	11.7	4.9	7.3#
68	6.9	4.1	6.1#





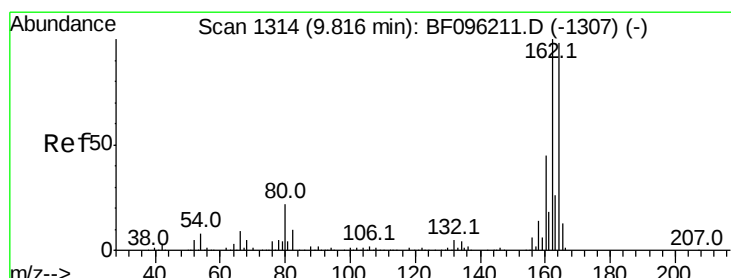
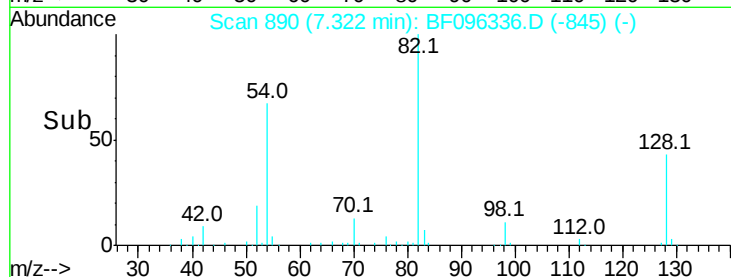
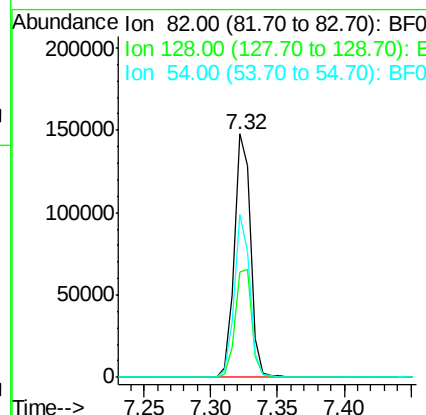
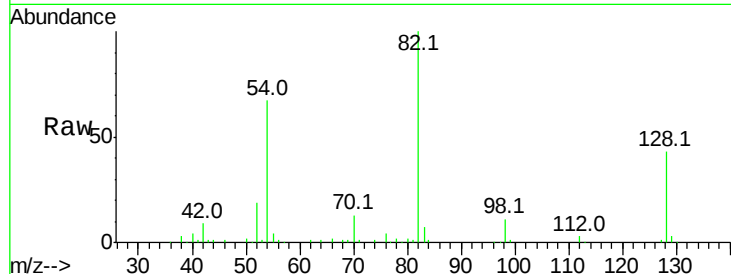
#23
Nitrobenzene-d5
Concen: 14.22 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Instrument :
BNA_F
ClientSampleId :
G53-1.5-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	67.0	42.2	63.2

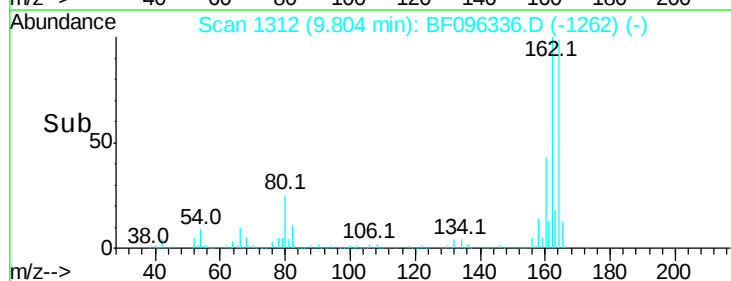
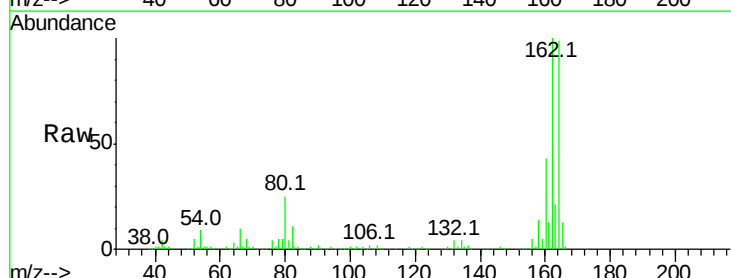
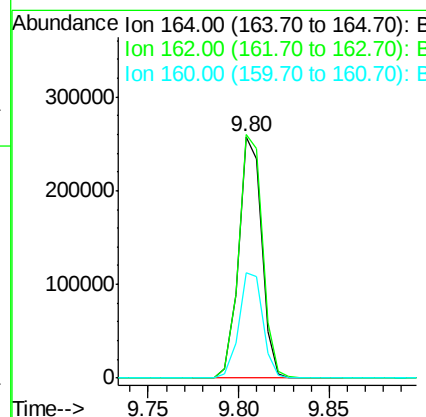
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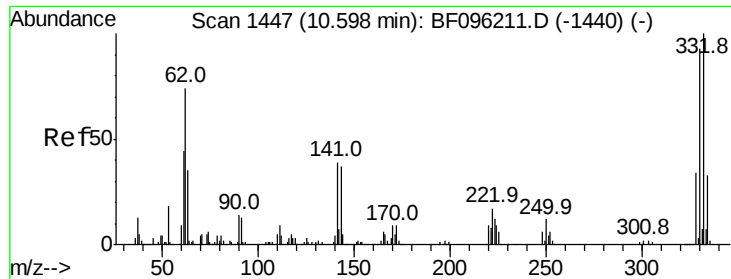
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	43.6	36.2	54.2





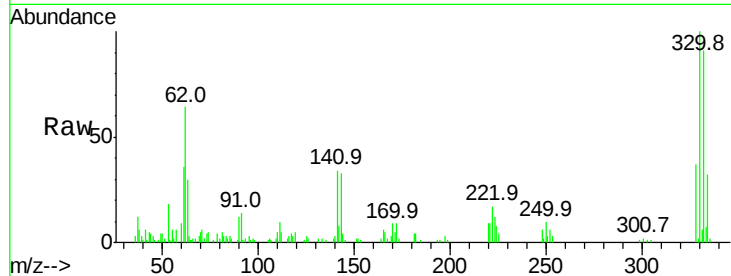
#41
 2,4,6-Tribromophenol
 Concen: 19.41 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096336.D
 Acq: 30 Jun 2017 14:44

Instrument :
 BNA_F
 ClientSampled :
 G53-1.5-3

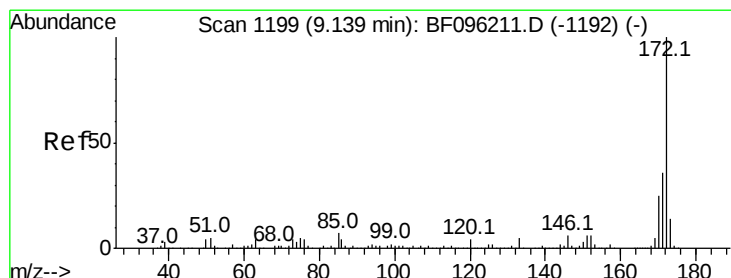
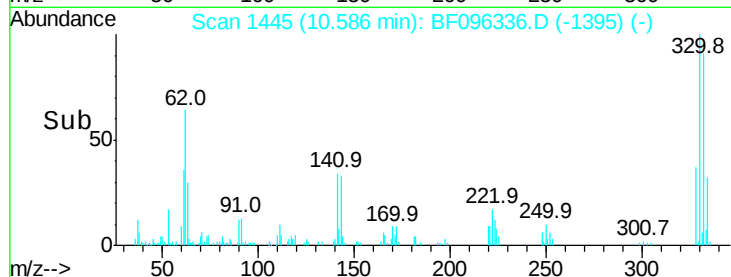
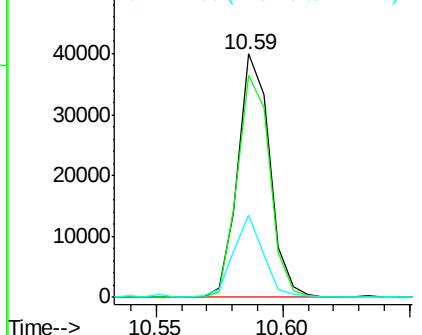
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	92.4	76.6	115.0	
141	32.0	31.4	47.2	

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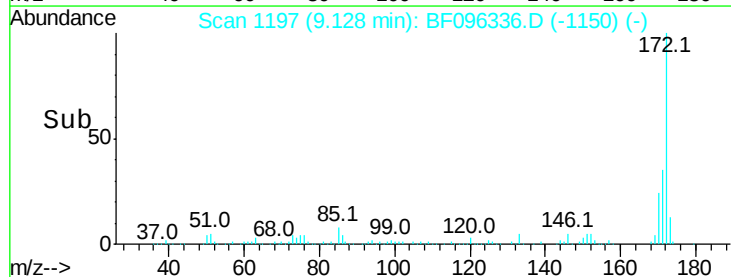
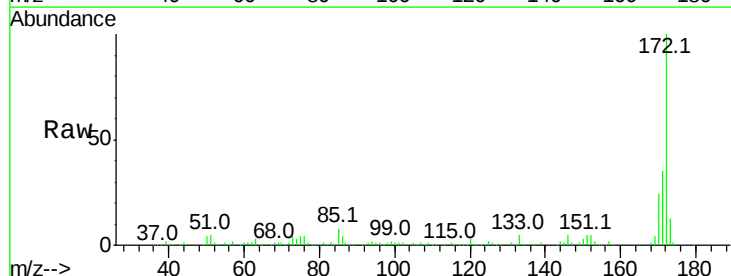
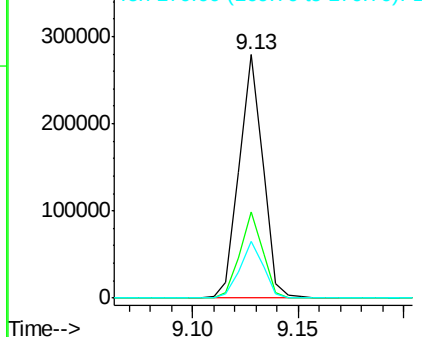
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 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

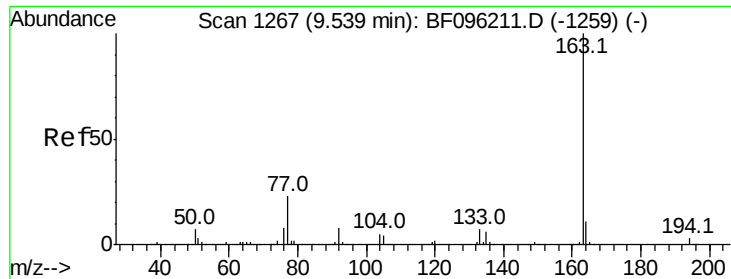


#44
 2-Fluorobiphenyl
 Concen: 17.31 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096336.D
 Acq: 30 Jun 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	29.6	44.4	
170	23.6	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





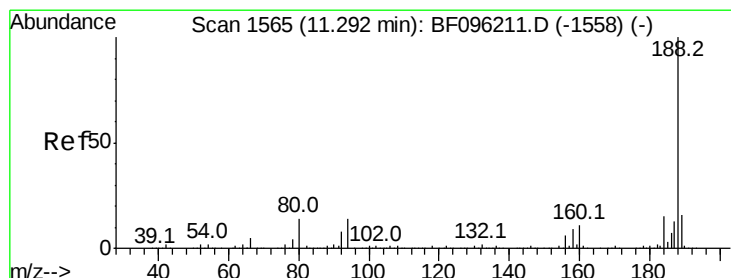
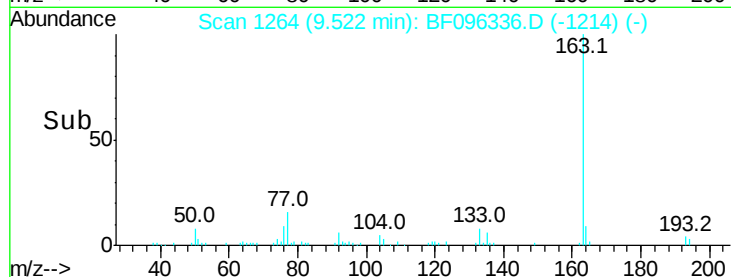
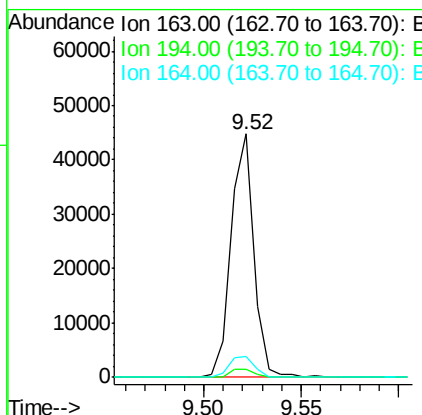
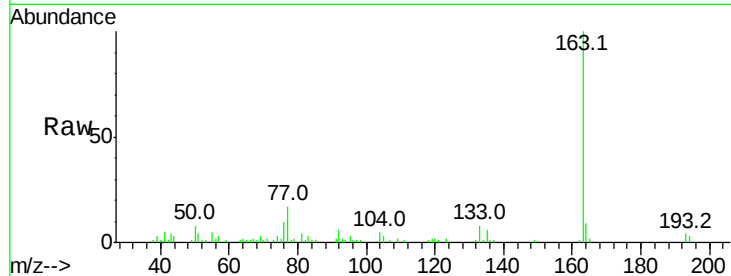
#49
Dimethylphthalate
Concen: 2.21 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Instrument :
BNA_F
ClientSampleId :
G53-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	8.8	8.4	12.6	

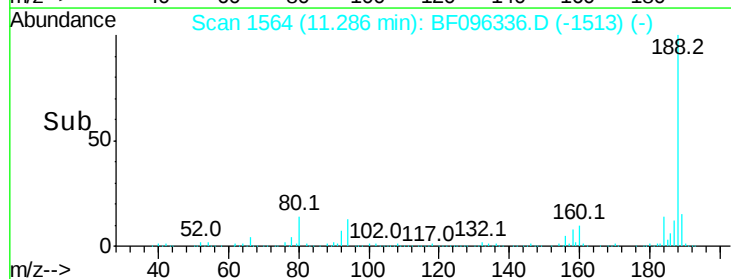
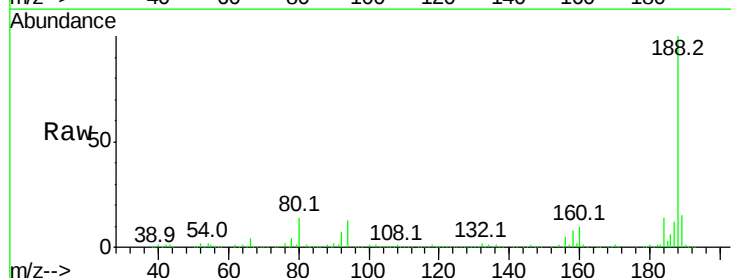
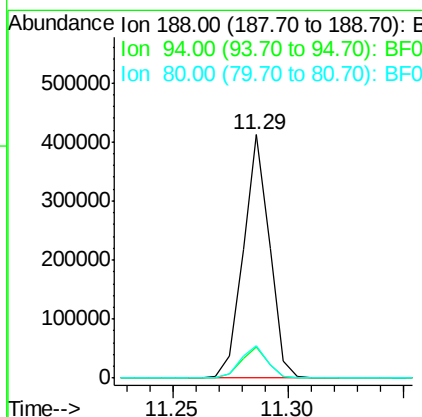
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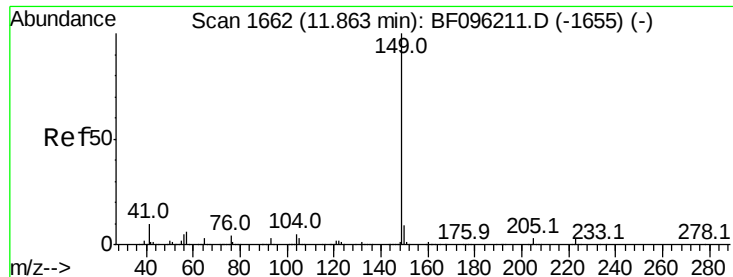
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.7	9.4	14.2	
80	13.5	10.2	15.2	





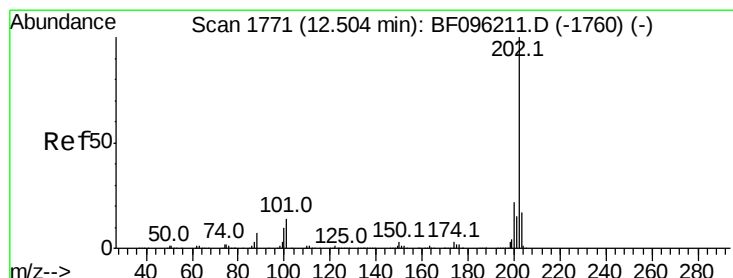
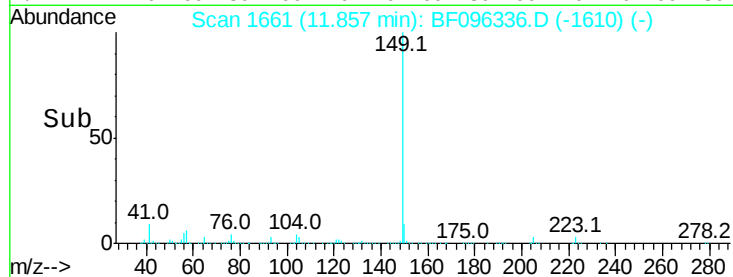
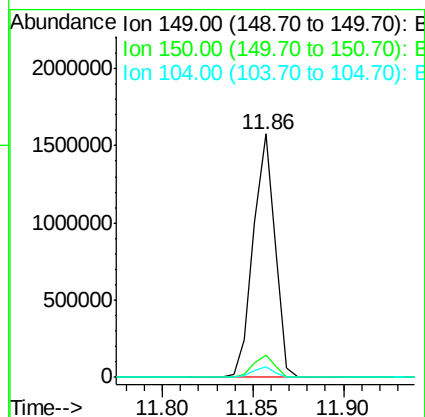
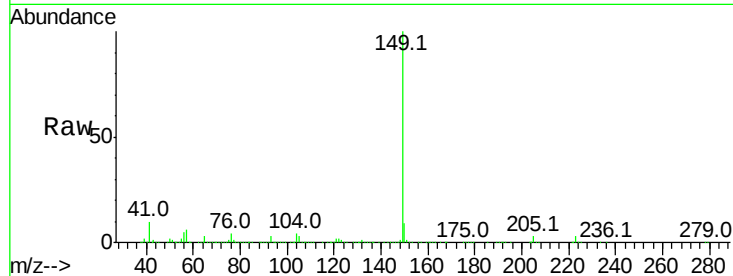
#73
Di-n-butylphthalate
Concen: 61.89 ng
RT: 11.86 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Instrument :
BNA_F
ClientSampleId :
G53-1.5-3

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.2	4.0	6.0

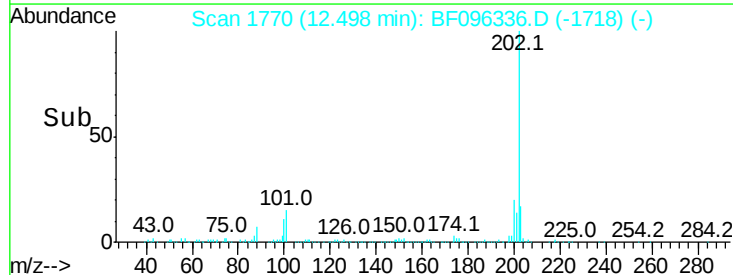
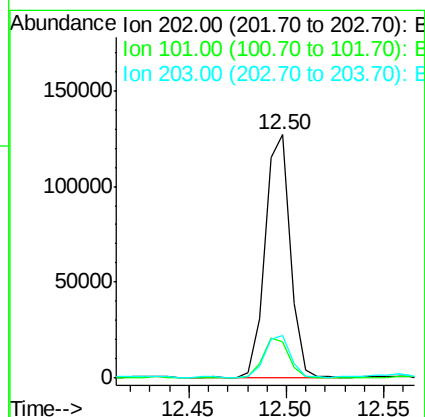
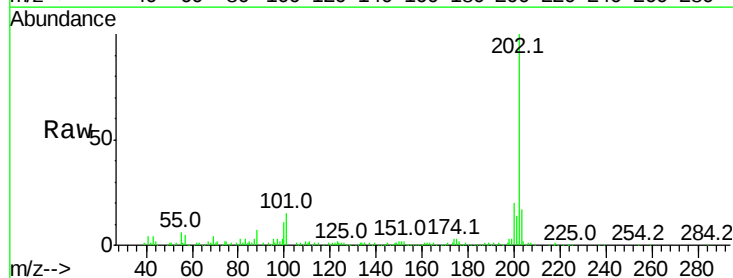
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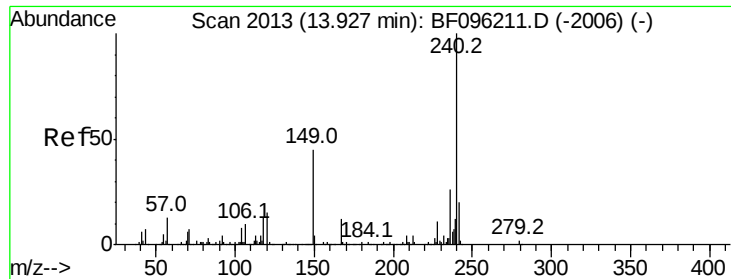
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#74
Fluoranthene
Concen: 6.31 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	17.3	0.0	38.1





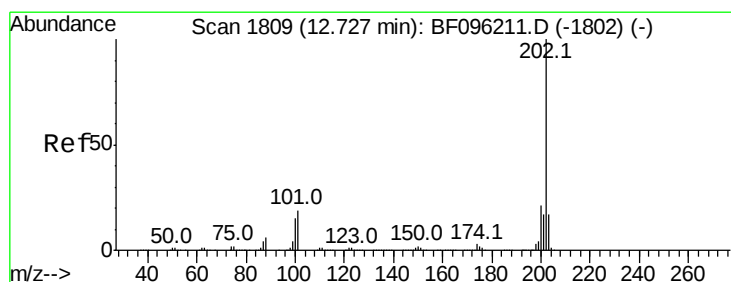
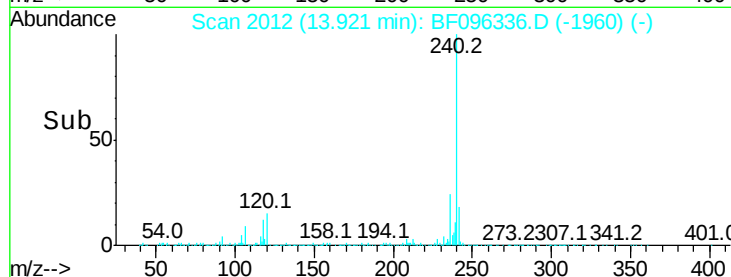
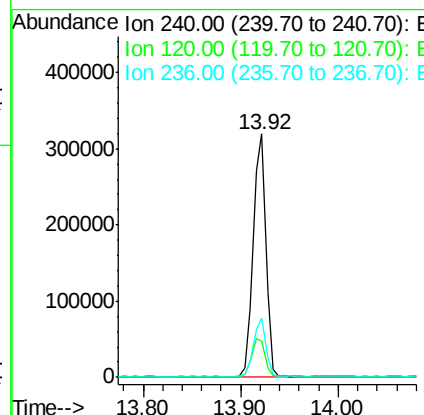
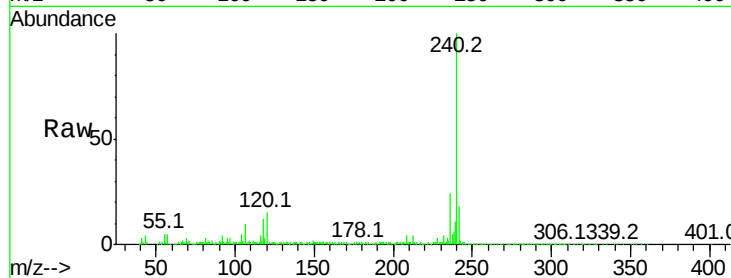
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Instrument :
BNA_F
ClientSampleId :
G53-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100	289933		
120	15.1	5.8	8.8#	
236	24.1	20.5	30.7	

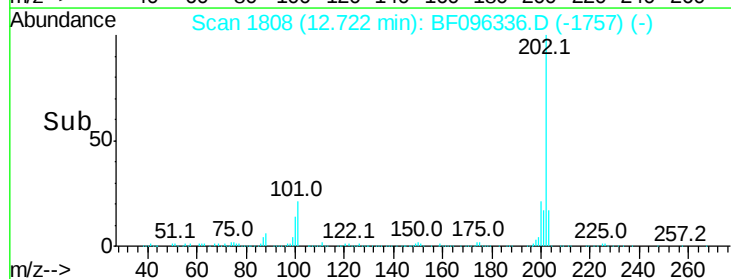
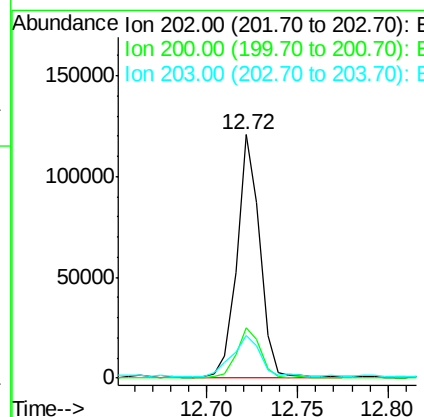
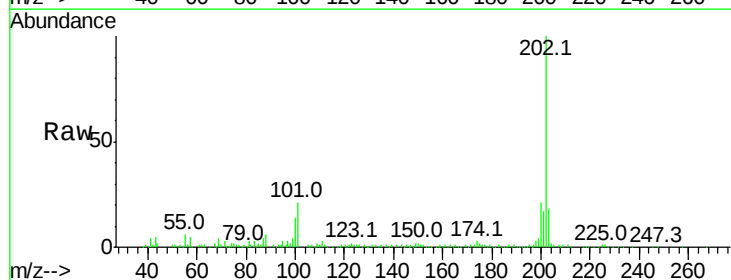
Manual Integrations
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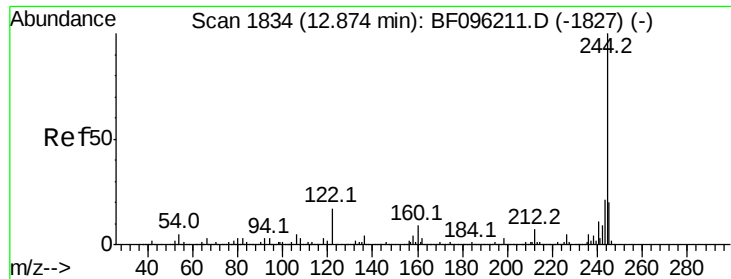
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#77
Pyrene
Concen: 4.42 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF096336.D
Acq: 30 Jun 2017 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	105209		
200	20.8	17.6	26.4	
203	17.7	14.4	21.6	





#78

Terphenyl-d14

Concen: 12.25 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096336.D

Acq: 30 Jun 2017 14:44

Instrument :

BNA_F

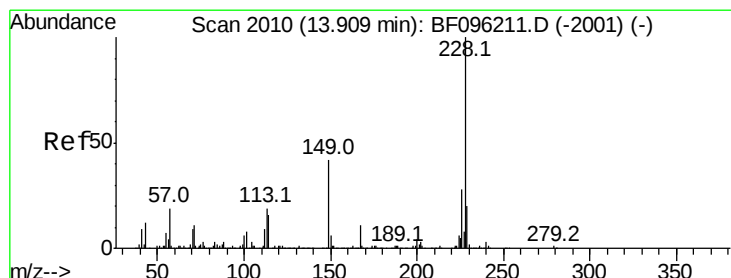
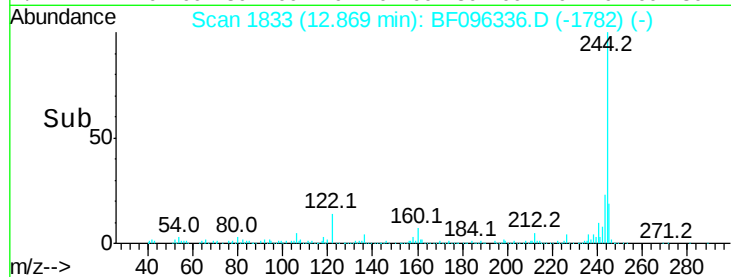
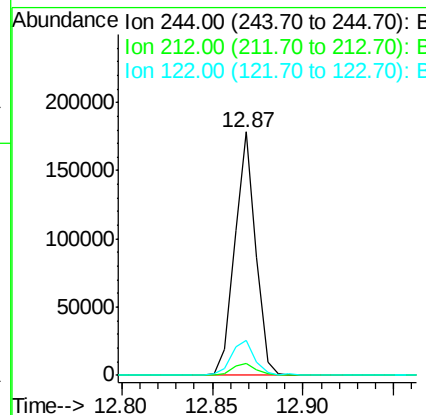
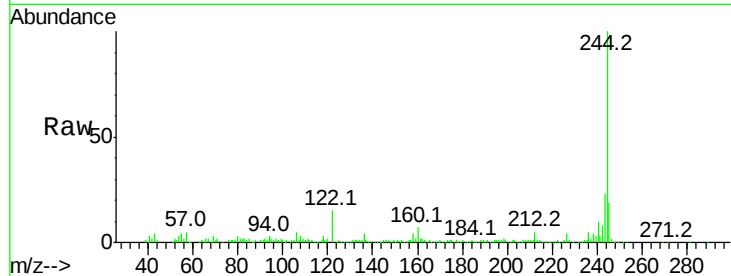
ClientSampleId :

G53-1.5-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.1	6.0	9.0#
122	14.5	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 2.34 ng

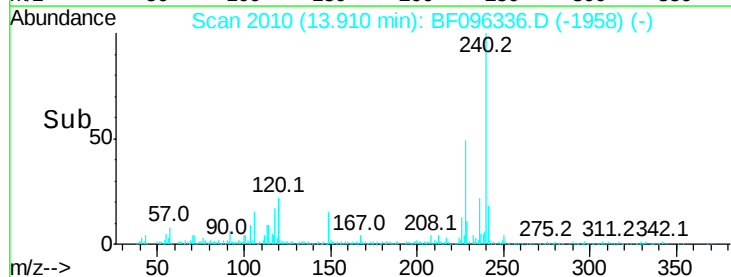
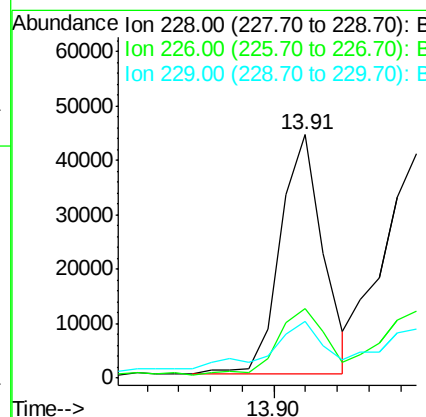
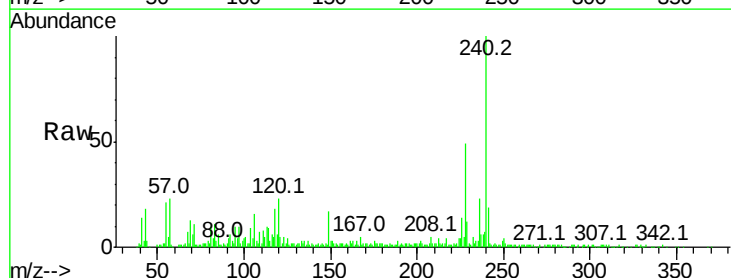
RT: 13.91 min Scan# 2010

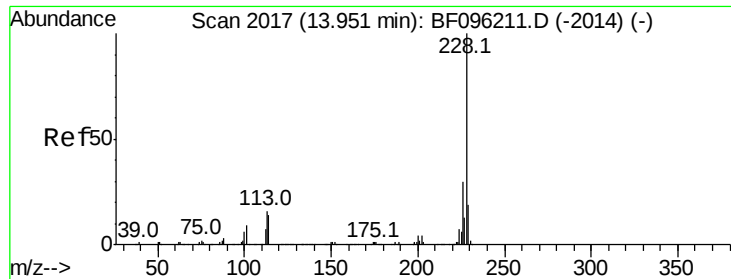
Delta R.T. 0.01 min

Lab File: BF096336.D

Acq: 30 Jun 2017 14:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	23.5	16.3	24.5





#82

Chrysene

Concen: 2.47 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF096336.D

Acq: 30 Jun 2017 14:44

Instrument :

BNA_F

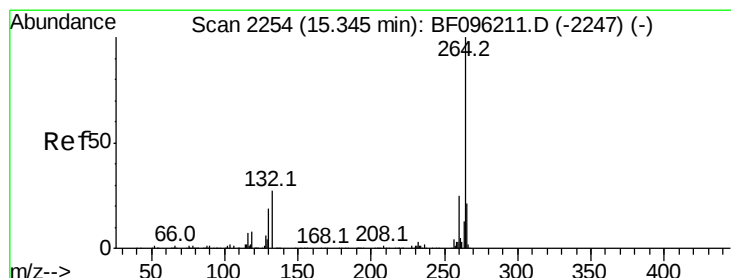
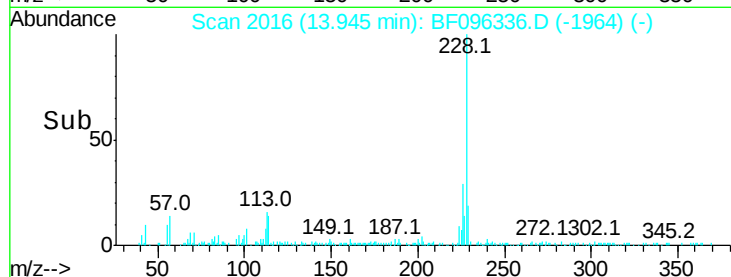
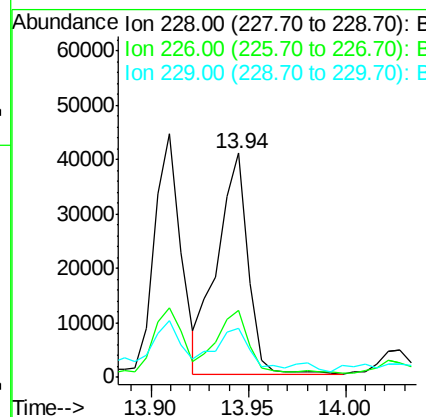
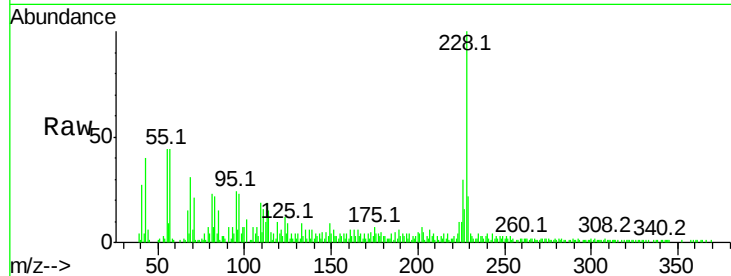
ClientSampleId :

G53-1.5-3

Tot Ion:	228	Resp:	45210
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.9	37.3
229	22.1	15.8	23.6

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#86

Perylene-d12

Concen: 20.00 ng

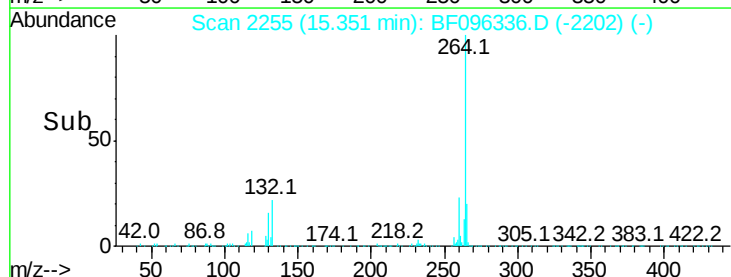
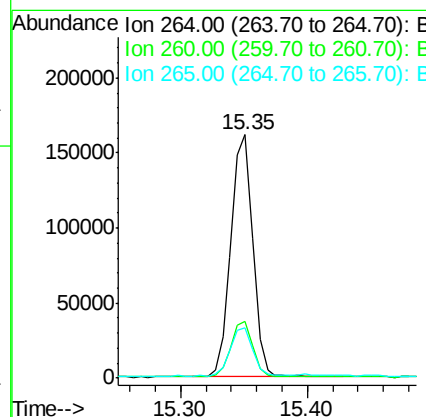
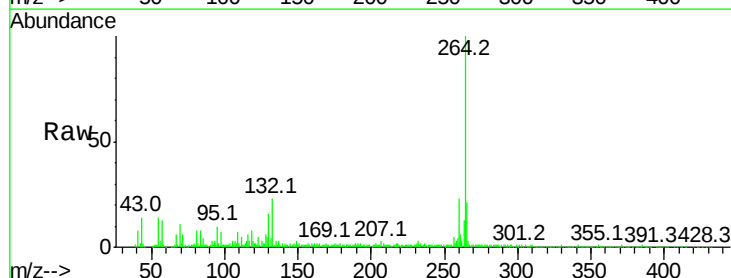
RT: 15.35 min Scan# 2255

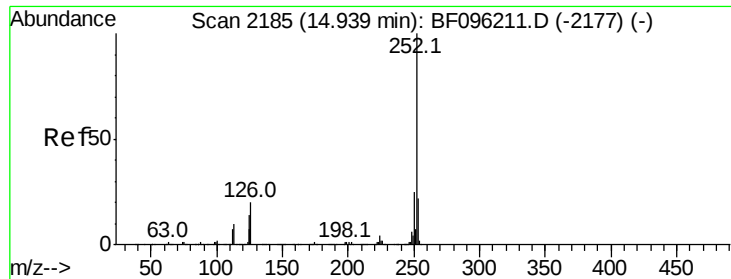
Delta R.T. 0.01 min

Lab File: BF096336.D

Acq: 30 Jun 2017 14:44

Tgt Ion:	264	Resp:	194266
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.5	29.3
265	20.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.53 ng m

RT: 14.94 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BF096336.D

Acq: 30 Jun 2017 14:44

Instrument :

BNA_F

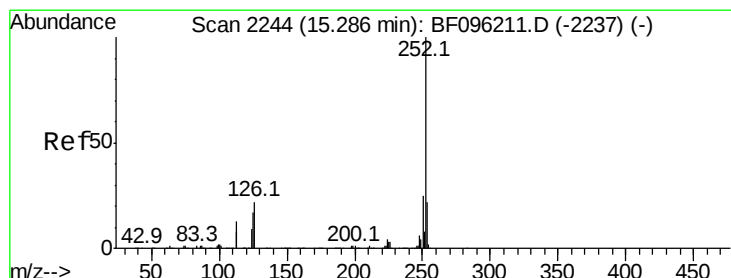
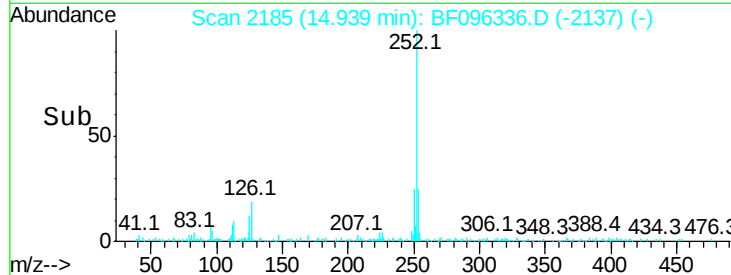
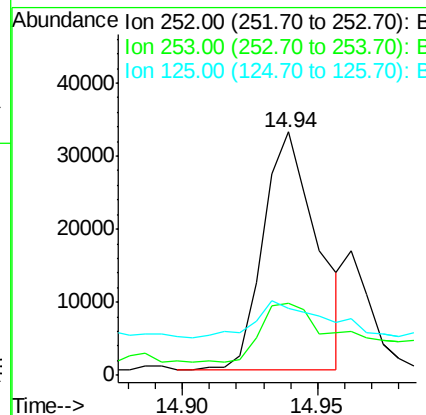
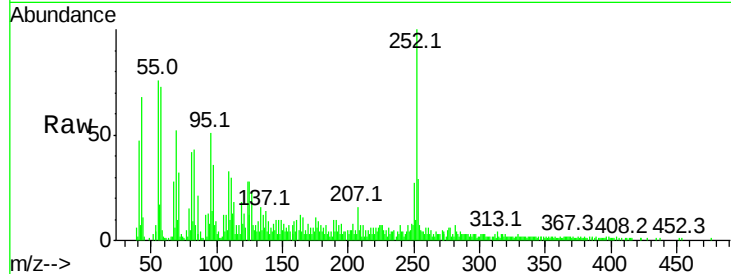
ClientSampleId :

G53-1.5-3

Tot Ion:	252	Resp:	45086
Ion Ratio	Lower	Upper	
252	100		
253	29.5	18.1	27.1#
125	27.7	9.8	14.8#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 2.39 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF096336.D

Acq: 30 Jun 2017 14:44

Tgt Ion:	252	Resp:	26993
Ion Ratio	Lower	Upper	
252	100		
253	27.2	17.5	26.3#
125	35.3	11.0	16.4#

