

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099016.D
 Acq On : 2 Oct 2017 22:52
 Operator : SJ/JU
 Sample : I5532-11 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-66-1-2

Manual Integrations
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Sohil
 10/3/2017 6:51:03 PM

Quant Time: Oct 03 04:19:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128943	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	498892	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	190264	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	292772	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	263314	20.00	ng	-0.01
86) Perylene-d12	15.57	264	228749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	274729	33.92	ng	-0.02
7) Phenol-d6	6.53	99	533302	53.37	ng	-0.02
23) Nitrobenzene-d5	7.46	82	323306	41.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	7071	4.54	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	581066	50.98	ng	-0.02
78) Terphenyl-d14	13.02	244	419716	36.25	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.65	163	93548	6.514	ng	99
70) Phenanthrene	11.46	178	130776	8.345	ng	96
74) Fluoranthene	12.65	202	138435	8.724	ng	99
77) Pyrene	12.87	202	124395	6.195	ng	98
80) Benzo(a)anthracene	14.06	228	56069	3.517	ng	97
82) Chrysene	14.10	228	58686	3.866	ng	96
87) Benzo(b)fluoranthene	15.12	252	66921m	4.758	ng	
89) Benzo(a)pyrene	15.50	252	41397	3.207	ng	# 82

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

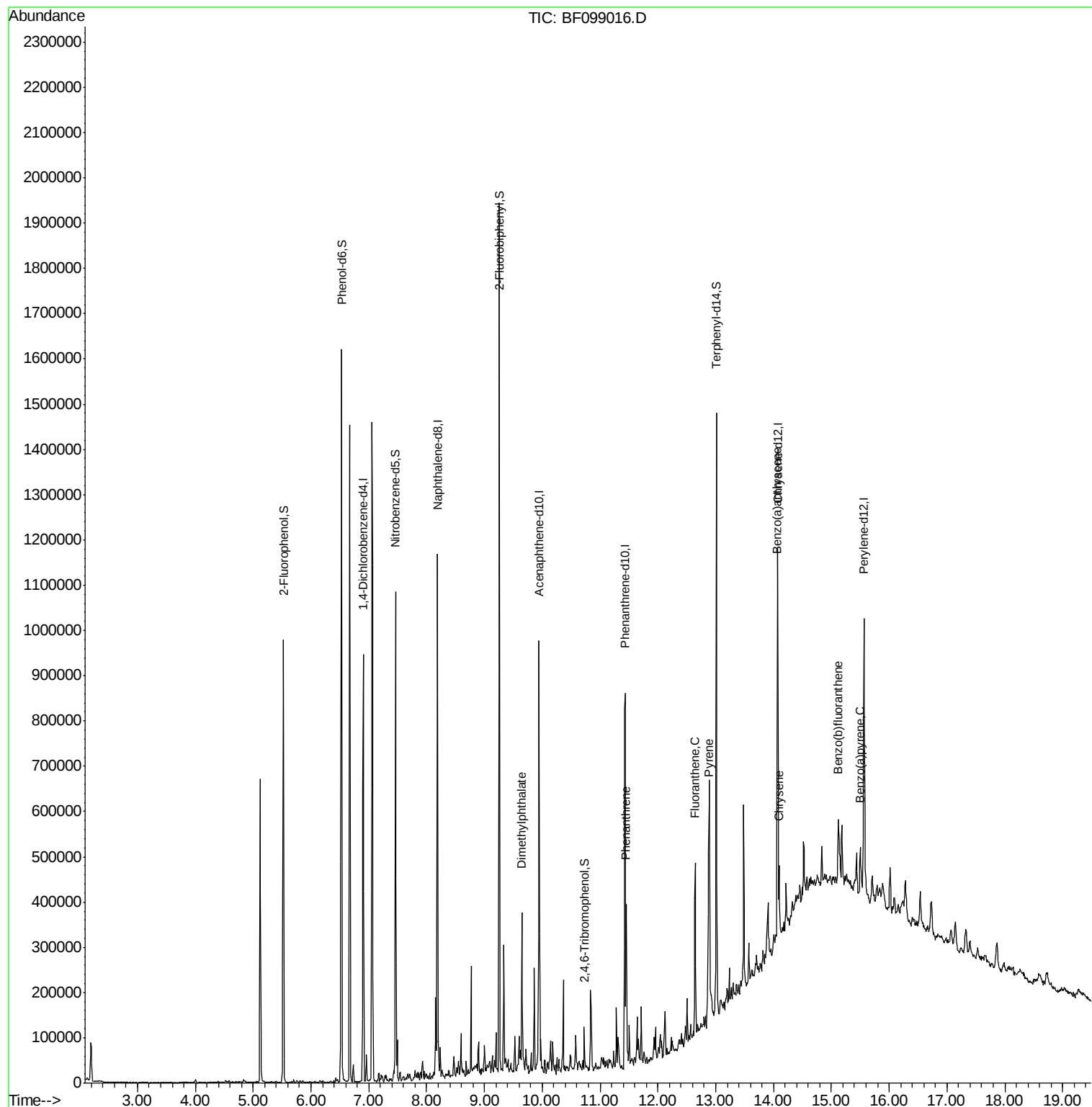
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099016.D
Acq On : 2 Oct 2017 22:52
Operator : SJ/JU
Sample : I5532-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

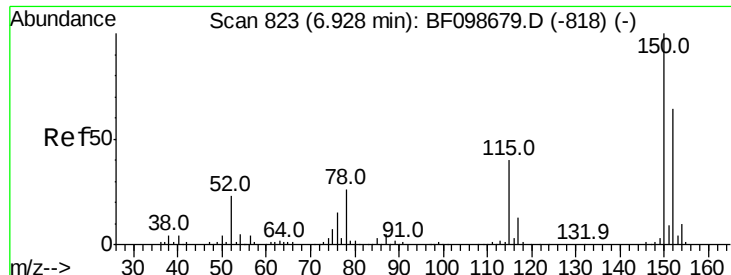
Instrument :
BNA_F
ClientSampleId :
G-66-1-2

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Quant Time: Oct 03 04:19:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

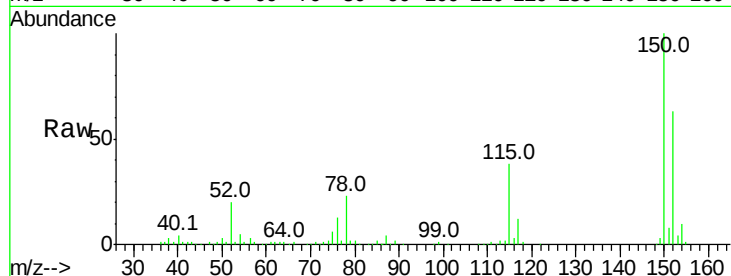
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF099016.D
 Acq: 2 Oct 2017 22:52

Instrument :
 BNA_F
 ClientSampleId :
 G-66-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	60.6	50.1	75.1

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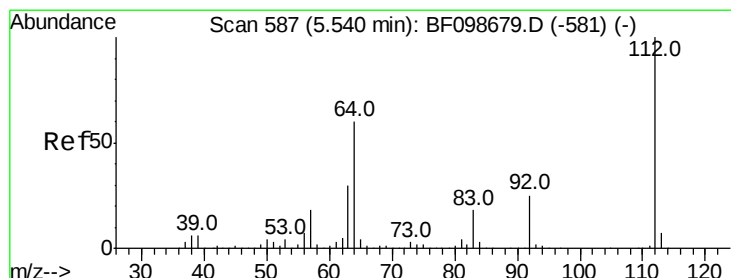
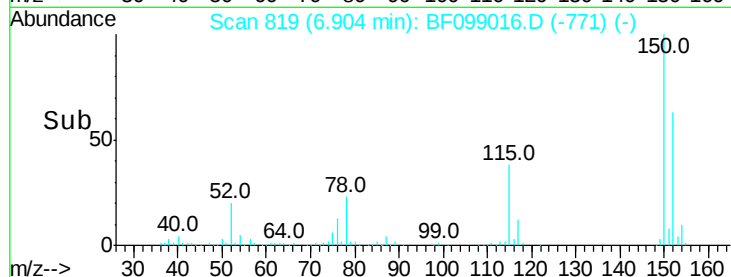
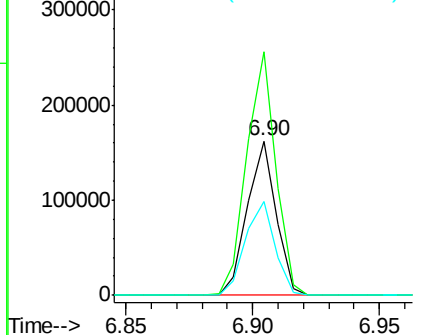


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

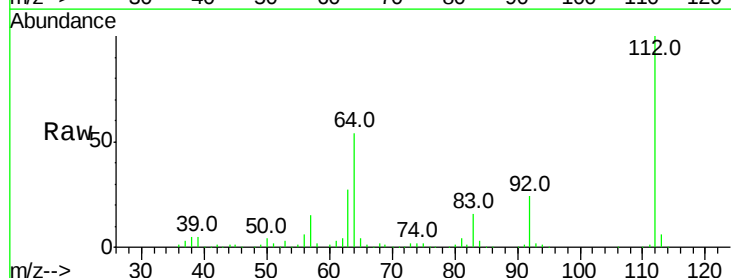
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 33.917 ng
 RT: 5.52 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF099016.D
 Acq: 2 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.9	23.7	35.5

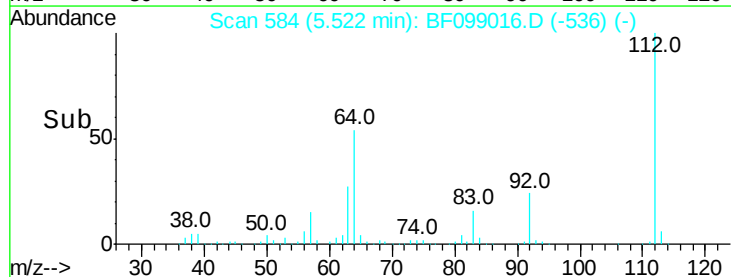
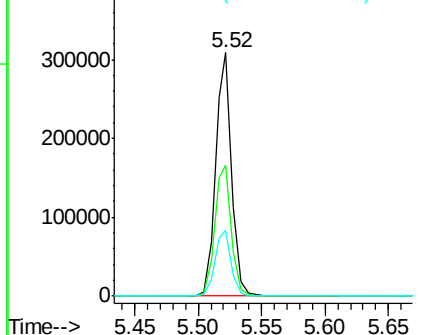


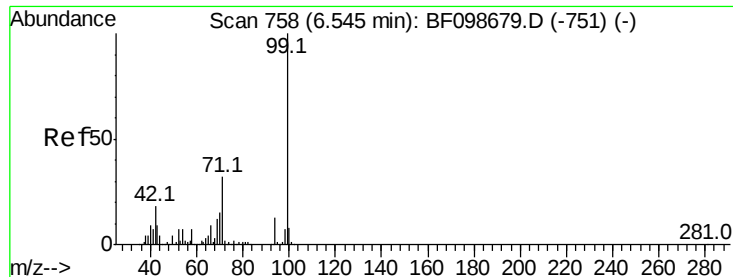
Abundance

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: 53.372 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Instrument :

BNA_F

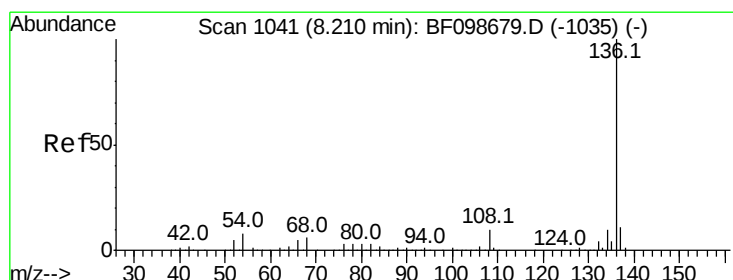
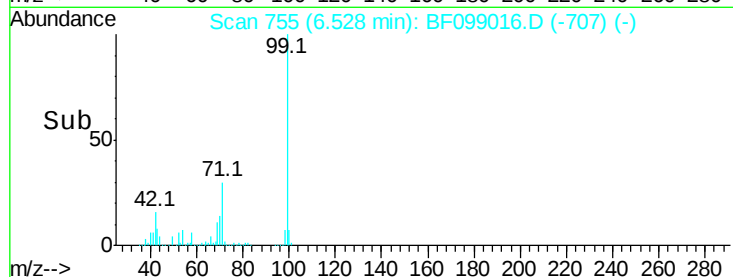
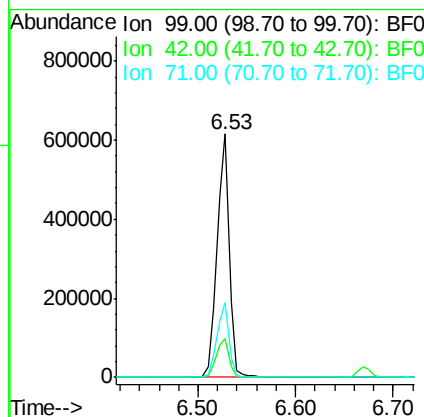
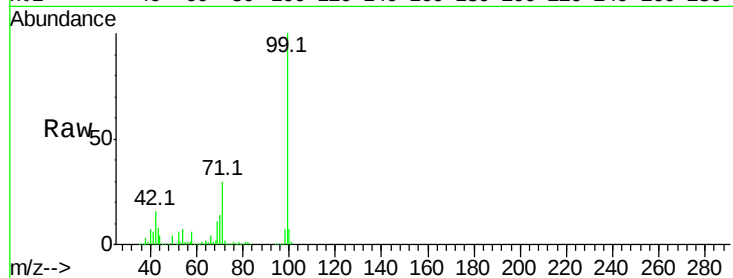
ClientSampleId :

G-66-1-2

Tot Ion:	99	Resp:	533302
Ion Ratio	Lower	Upper	
99	100		
42	16.2	14.5	21.7
71	30.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

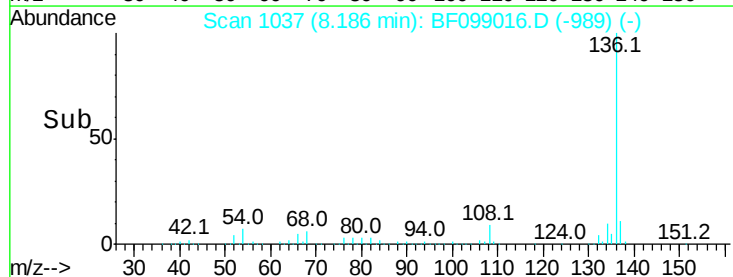
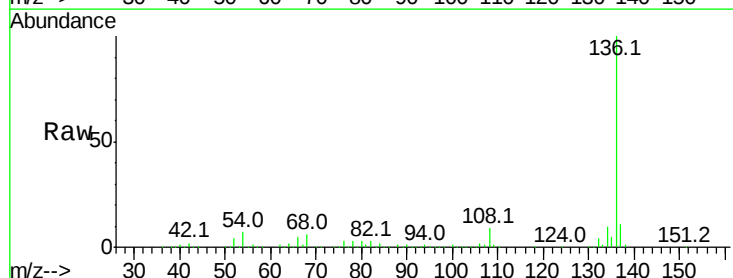
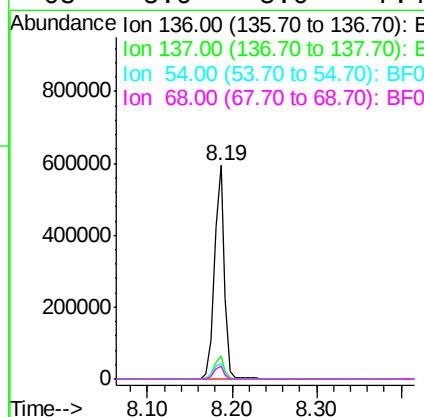
RT: 8.19 min Scan# 1037

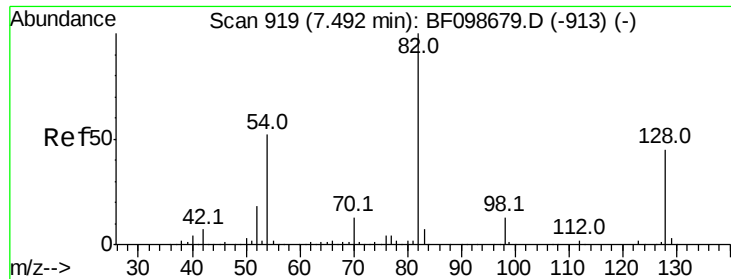
Delta R.T. -0.02 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Tgt Ion:	136	Resp:	498892
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.2	6.6	9.8
68	5.9	5.0	7.4





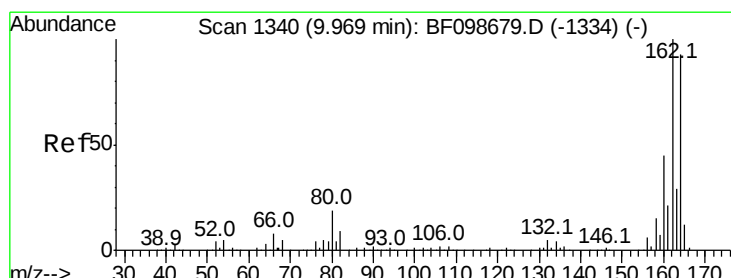
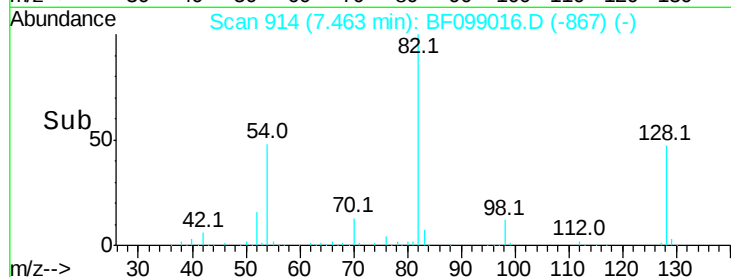
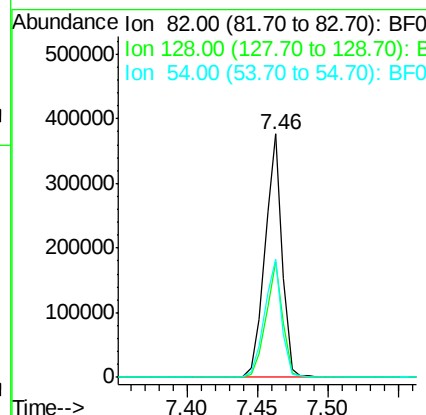
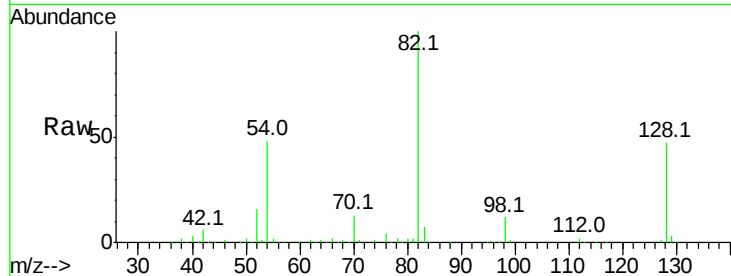
#23
Nitrobenzene-d5
Concen: 41.559 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.02 min
Lab File: BF099016.D
Acq: 2 Oct 2017 22:52

Instrument :
BNA_F
ClientSampled :
G-66-1-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	36.1	54.1	
54	48.5	41.4	62.2	

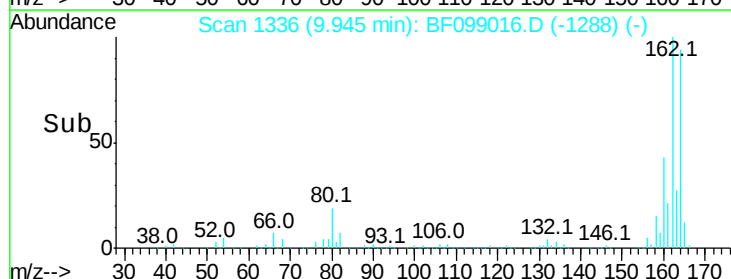
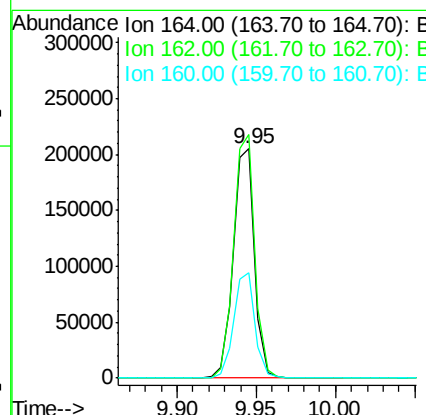
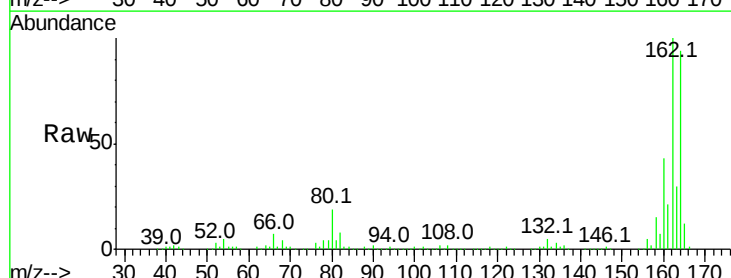
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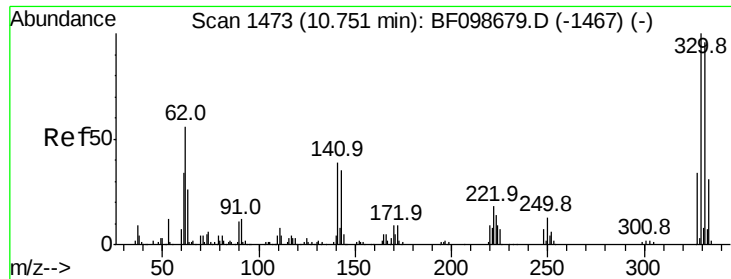
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF099016.D
Acq: 2 Oct 2017 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.2	86.1	129.1	
160	46.0	38.3	57.5	





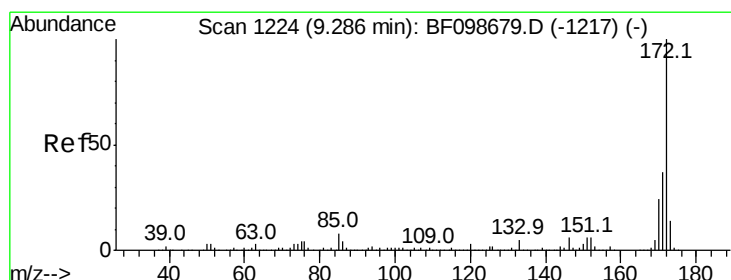
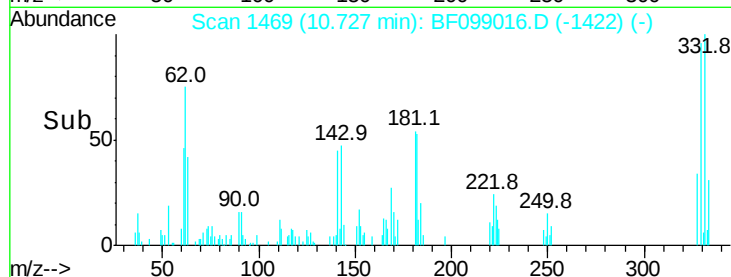
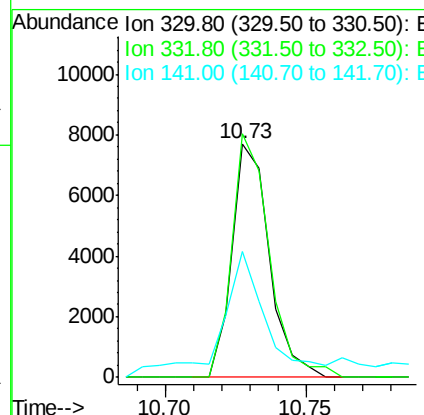
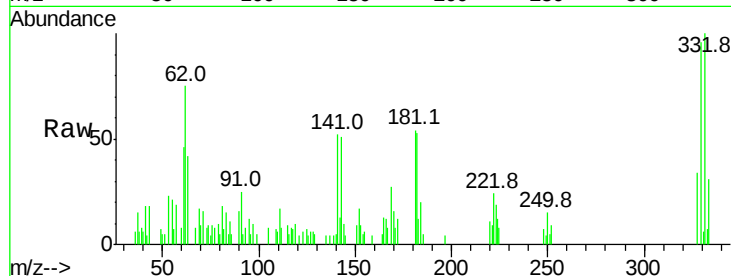
#41
 2,4,6-Tribromophenol
 Concen: 4.542 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.02 min
 Lab File: BF099016.D
 Acq: 2 Oct 2017 22:52

Instrument :
 BNA_F
 ClientSampled :
 G-66-1-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.1	77.0	115.6
141	66.6	29.9	44.9

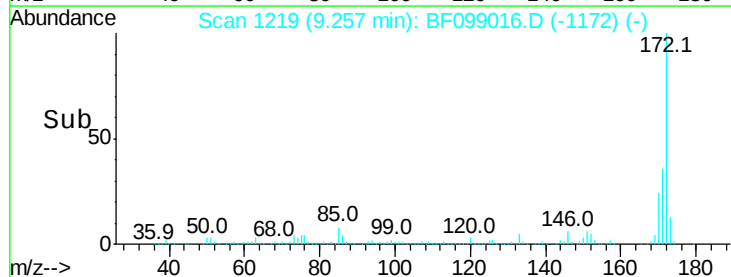
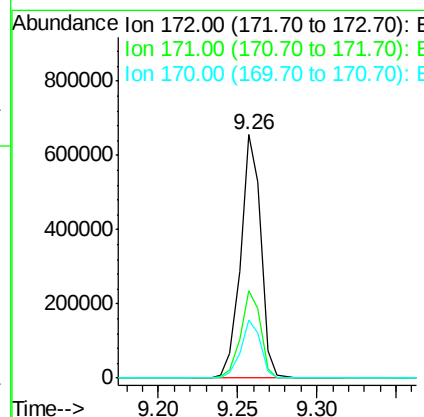
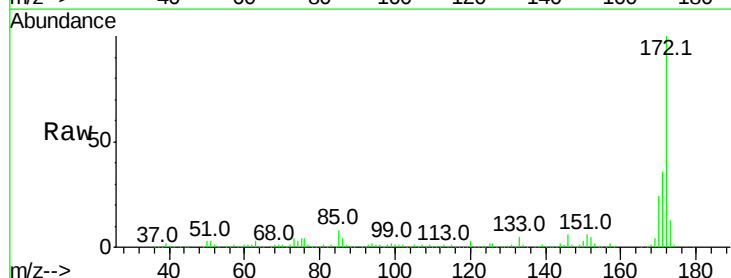
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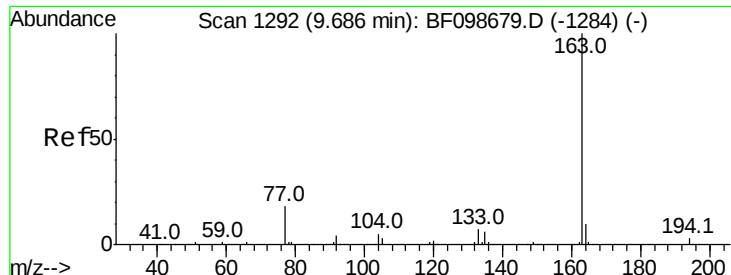
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#44
 2-Fluorobiphenyl
 Concen: 50.984 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.02 min
 Lab File: BF099016.D
 Acq: 2 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4





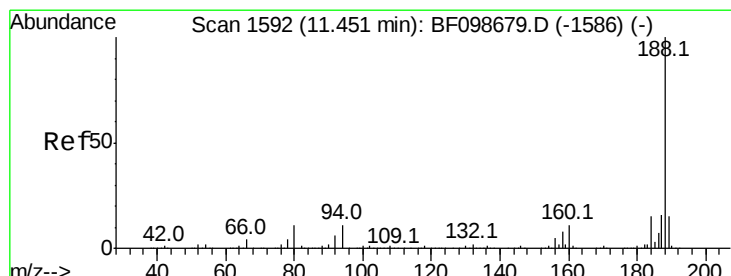
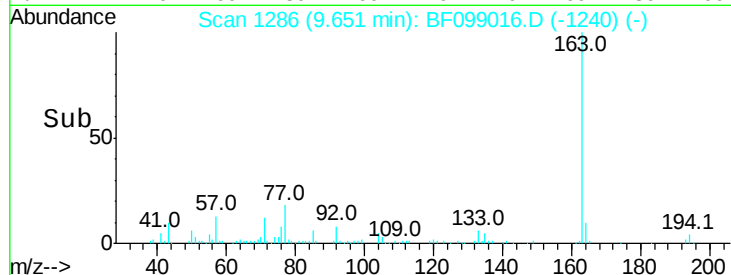
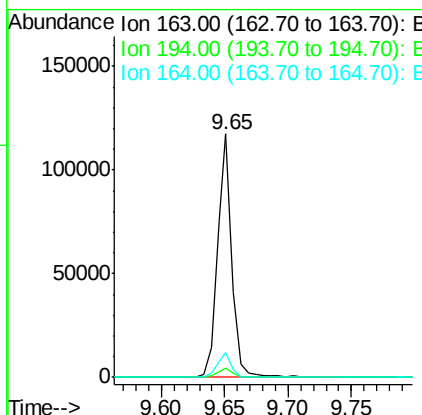
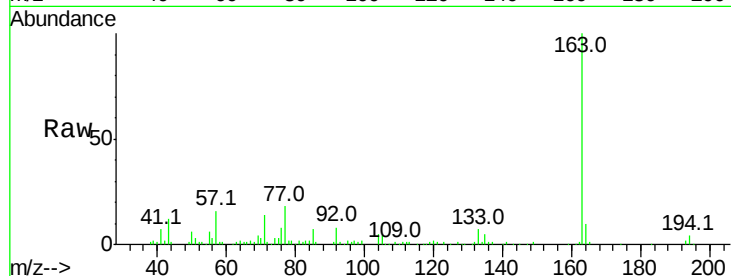
#49
Dimethylphthalate
Concen: 6.514 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.03 min
Lab File: BF099016.D
Acq: 2 Oct 2017 22:52

Instrument :
BNA_F
ClientSampleId :
G-66-1-2

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.1	8.2	12.2

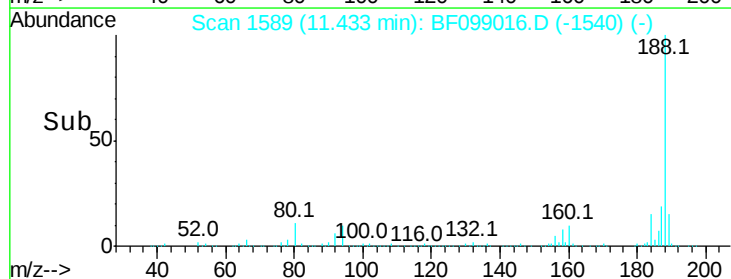
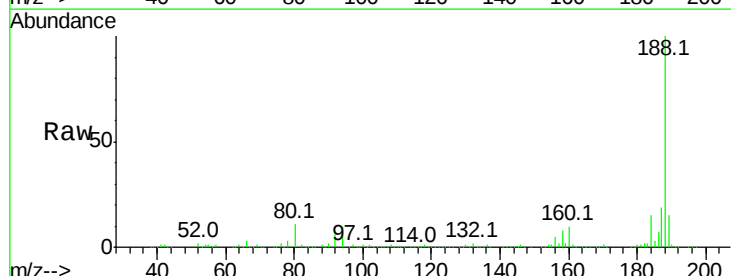
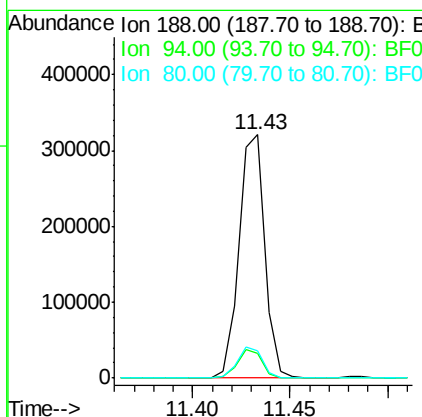
Manual Integrations
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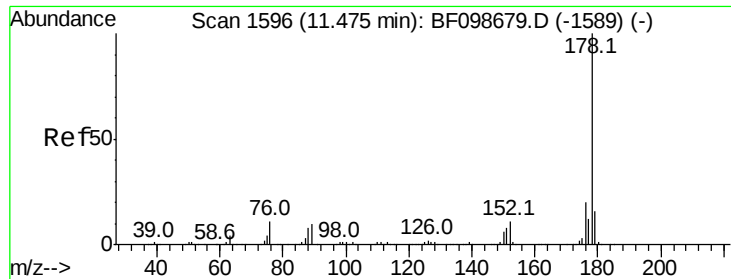
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF099016.D
Acq: 2 Oct 2017 22:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.0	9.2	13.8





#70

Phenanthrene

Concen: 8.345 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.02 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Instrument :

BNA_F

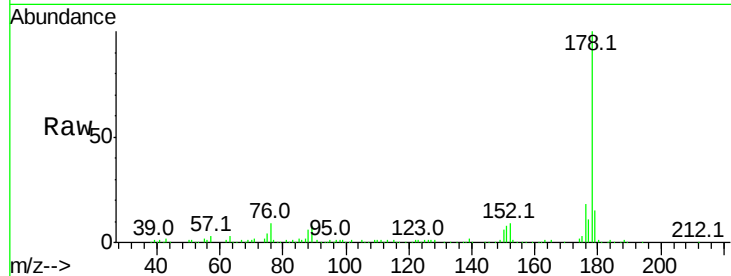
ClientSampleId :

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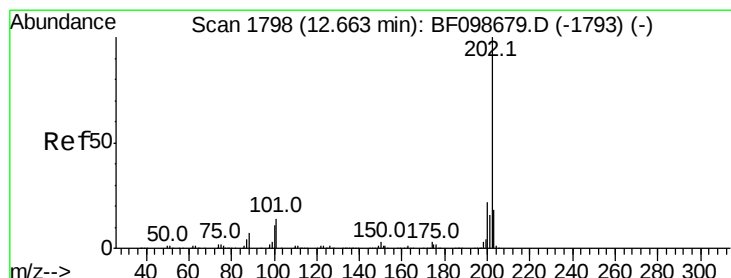
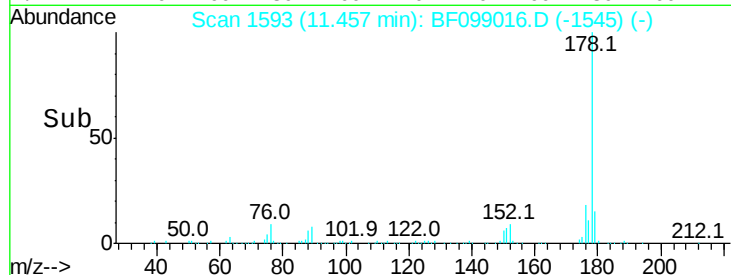
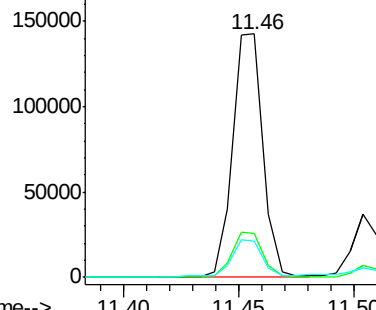
Tot Ion:	178	Resp:	130776
Ion Ratio	Lower	Upper	
178	100		
176	18.2	15.8	23.8
179	14.8	13.0	19.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 8.724 ng

RT: 12.65 min Scan# 1795

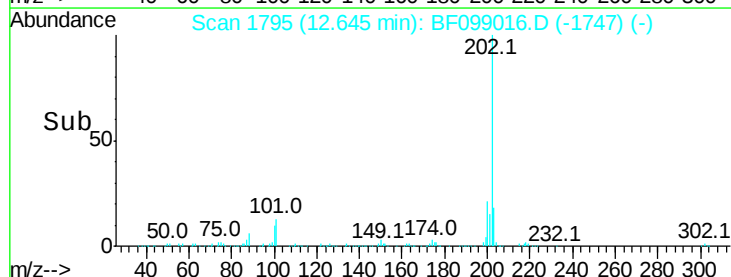
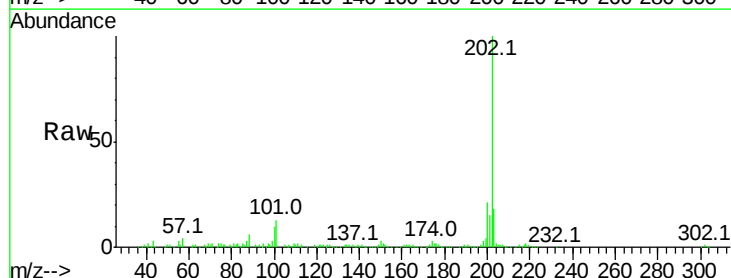
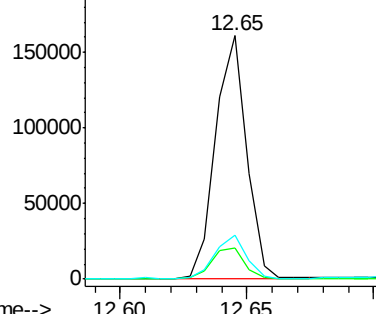
Delta R.T. -0.02 min

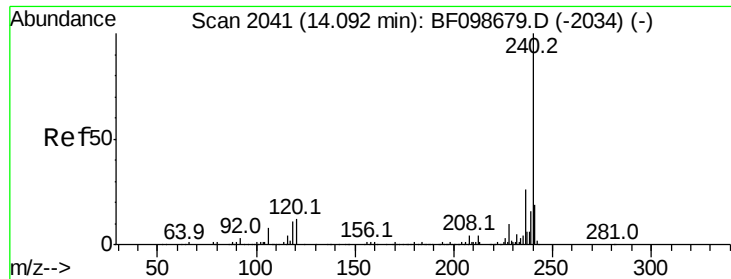
Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Tgt Ion:	202	Resp:	138435
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	34.1
203	18.1	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Instrument :

BNA_F

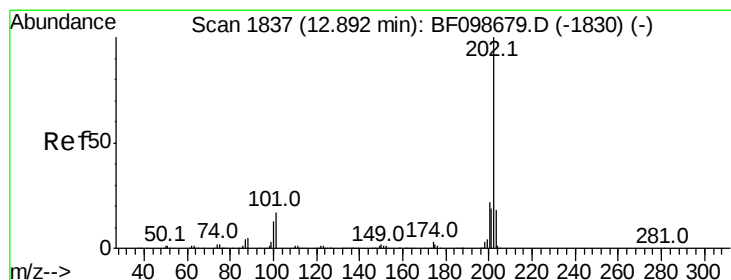
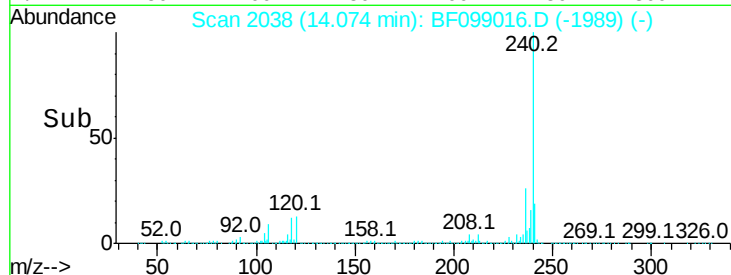
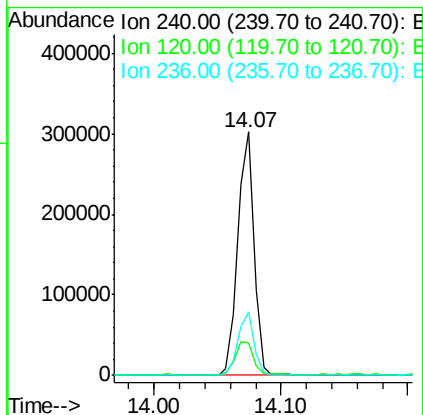
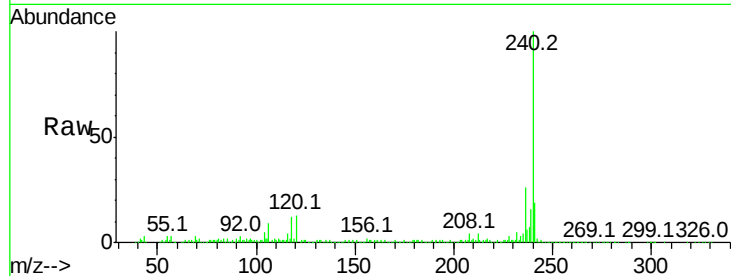
ClientSampleId :

G-66-1-2

Tot Ion:	240	Resp:	263314
Ion Ratio	Lower	Upper	
240	100		
120	13.1	9.5	14.3
236	25.7	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 6.195 ng

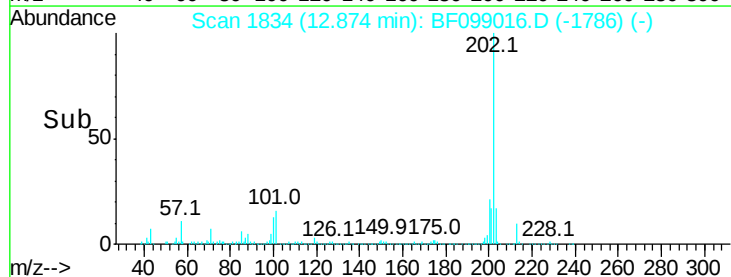
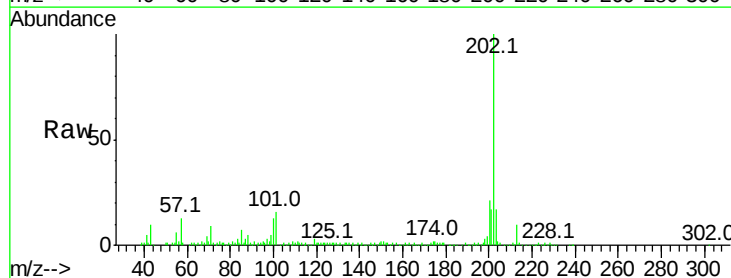
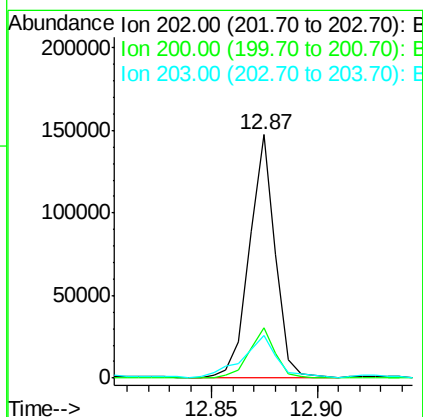
RT: 12.87 min Scan# 1834

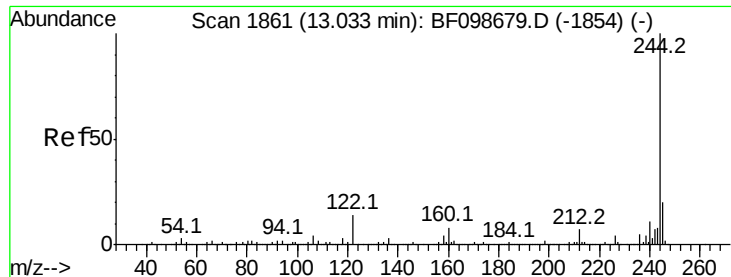
Delta R.T. -0.02 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Tgt Ion:	202	Resp:	124395
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	17.4	14.3	21.5





#78

Terphenyl-d14

Concen: 36.250 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Instrument :

BNA_F

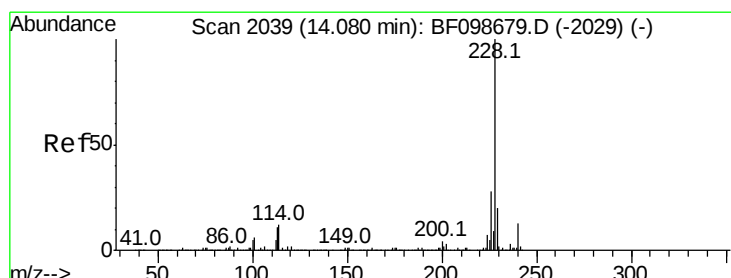
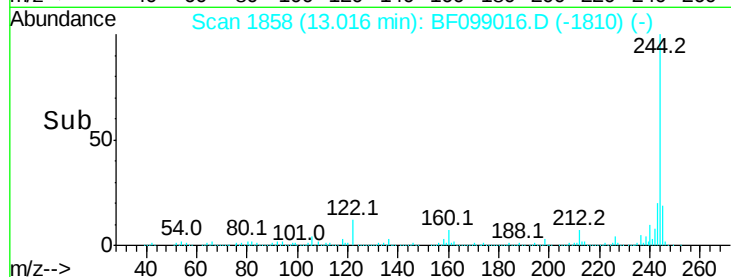
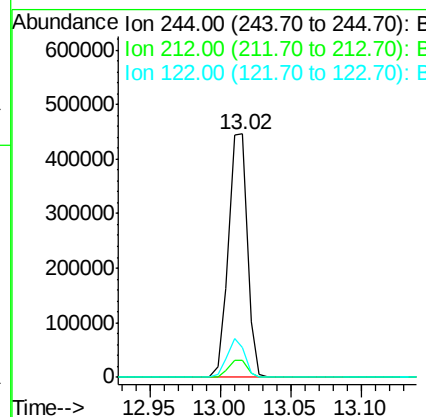
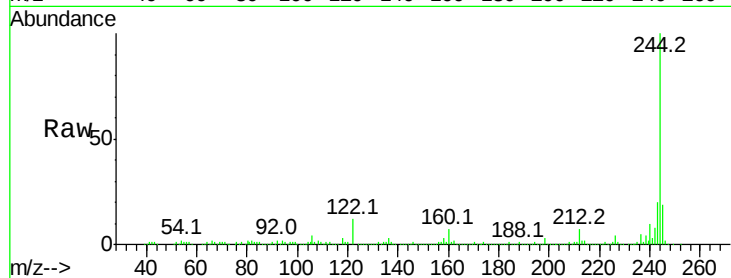
ClientSampled :

G-66-1-2

Tot Ion:	244	Resp:	419716
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	12.4	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 3.517 ng

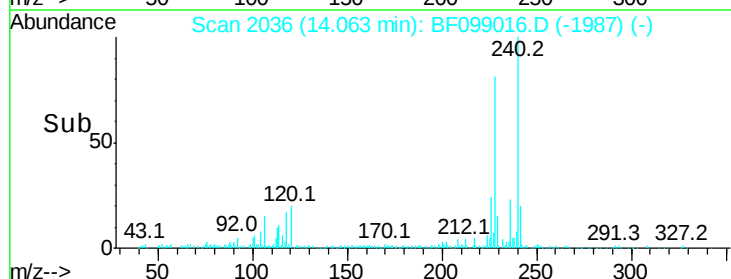
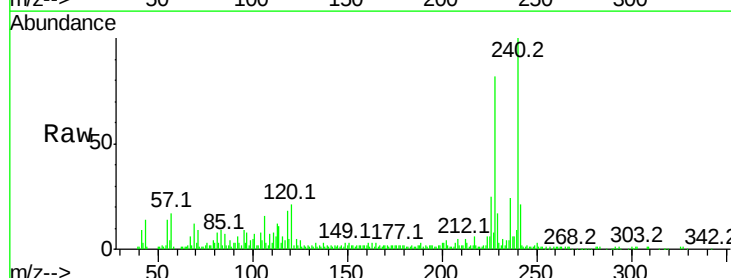
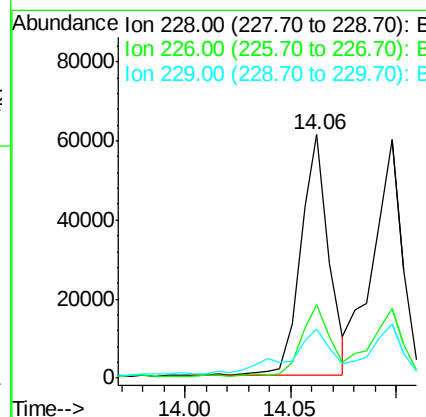
RT: 14.06 min Scan# 2036

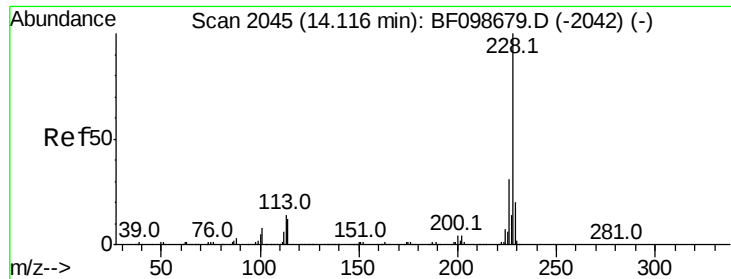
Delta R.T. -0.01 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Tgt Ion:	228	Resp:	56069
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.6	33.8
229	20.3	15.8	23.6





#82

Chrysene

Concen: 3.866 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.02 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Instrument :

BNA_F

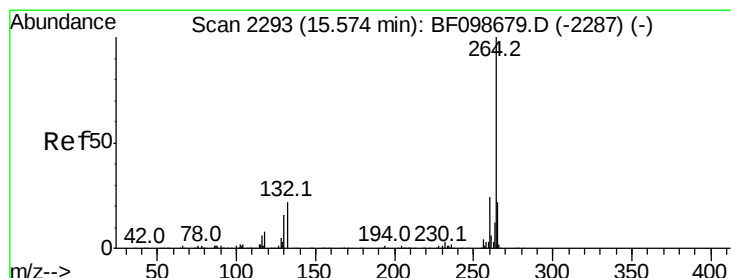
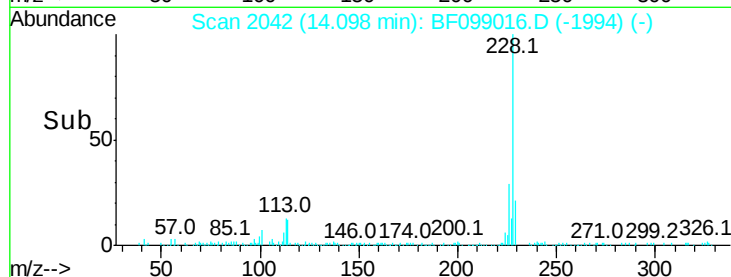
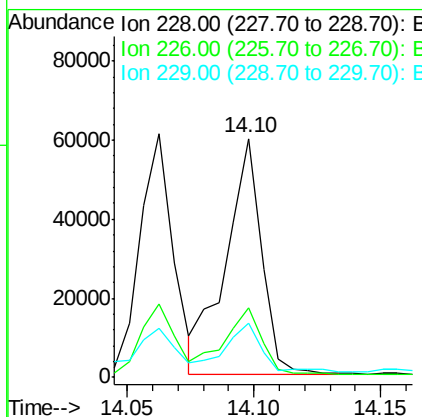
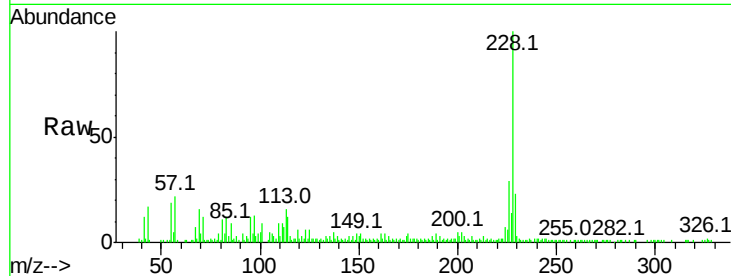
ClientSampled :

G-66-1-2

Tot Ion:	228	Resp:	58686
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.0	37.6
229	22.5	16.2	24.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

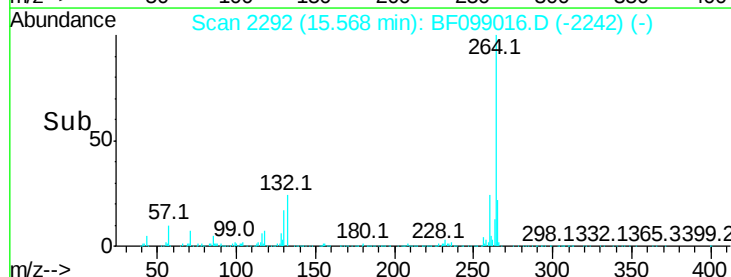
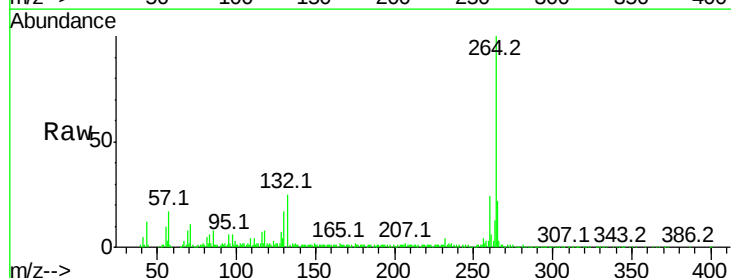
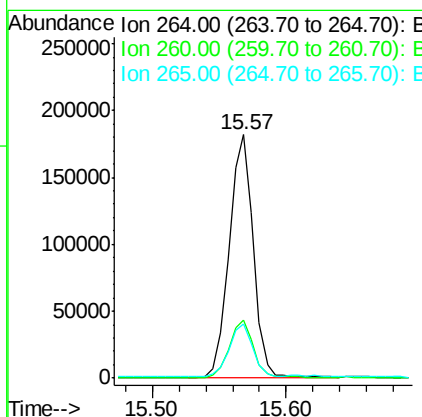
RT: 15.57 min Scan# 2292

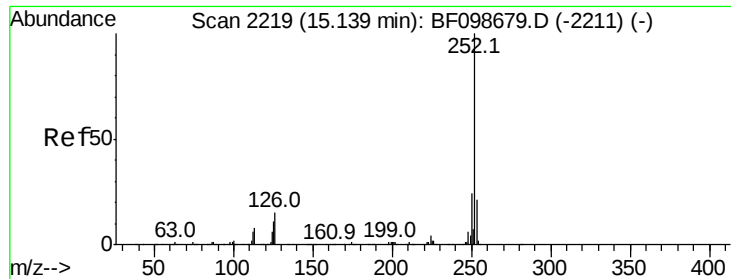
Delta R.T. -0.01 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Tgt Ion:	264	Resp:	228749
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.758 ng/mL

RT: 15.12 min Scan# 2216

Delta R.T. -0.02 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Instrument :

BNA_F

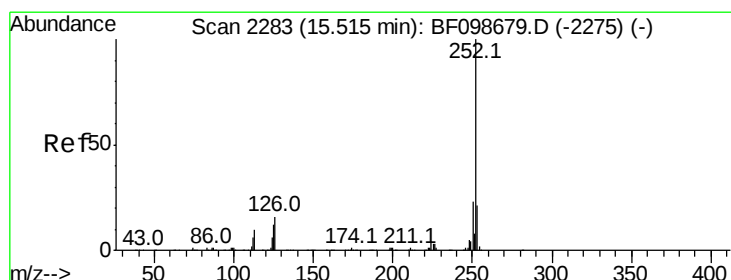
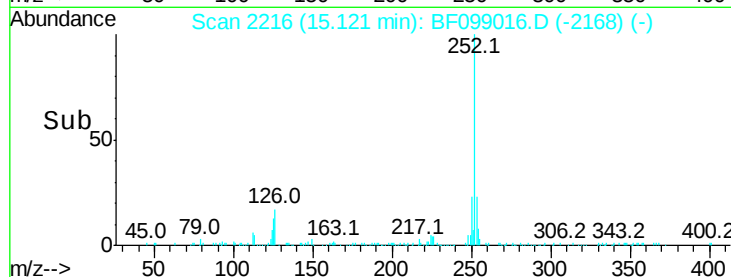
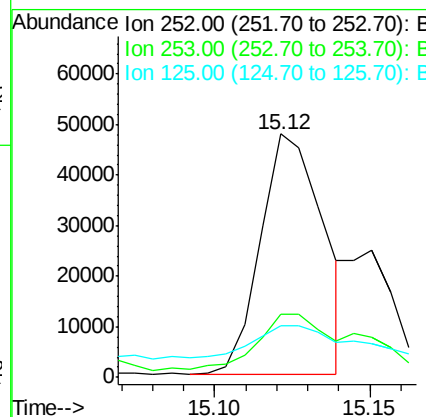
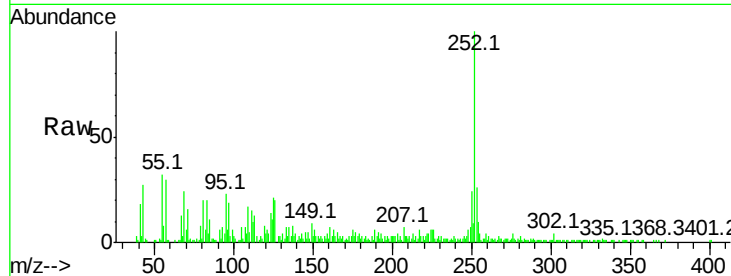
ClientSampleId :

G-66-1-2

Tot Ion:	252	Resp:	66921
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.0	25.6#
125	21.0	9.0	13.6#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 3.207 ng/mL

RT: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF099016.D

Acq: 2 Oct 2017 22:52

Tgt Ion:	252	Resp:	41397
Ion Ratio	Lower	Upper	
252	100		
253	27.3	17.1	25.7#
125	23.3	9.8	14.6#

