

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096031.D
 Acq On : 20 Jun 2017 6:52
 Operator : SJ/MA
 Sample : I3688-15 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G12-0-1.5

Manual Integrations
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Quant Time: Jun 20 08:34:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	79793	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	296272	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	111006	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	179807	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	161490	20.00	ng	-0.02
86) Perylene-d12	19.96	264	112669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	57128	11.41	ng	0.03
7) Phenol-d6	6.93	99	91889	15.33	ng	0.02
23) Nitrobenzene-d5	8.25	82	46048	9.65	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	13222	13.46	ng	0.00
44) 2-Fluorobiphenyl	11.12	172	107376	13.46	ng	-0.02
78) Terphenyl-d14	16.93	244	83525	12.84	ng	-0.02
Target Compounds						
74) Fluoranthene	16.39	202	23763	2.31	ng	Qvalue 96
87) Benzo(b)fluoranthene	19.56	252	19495m	2.76	ng	

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

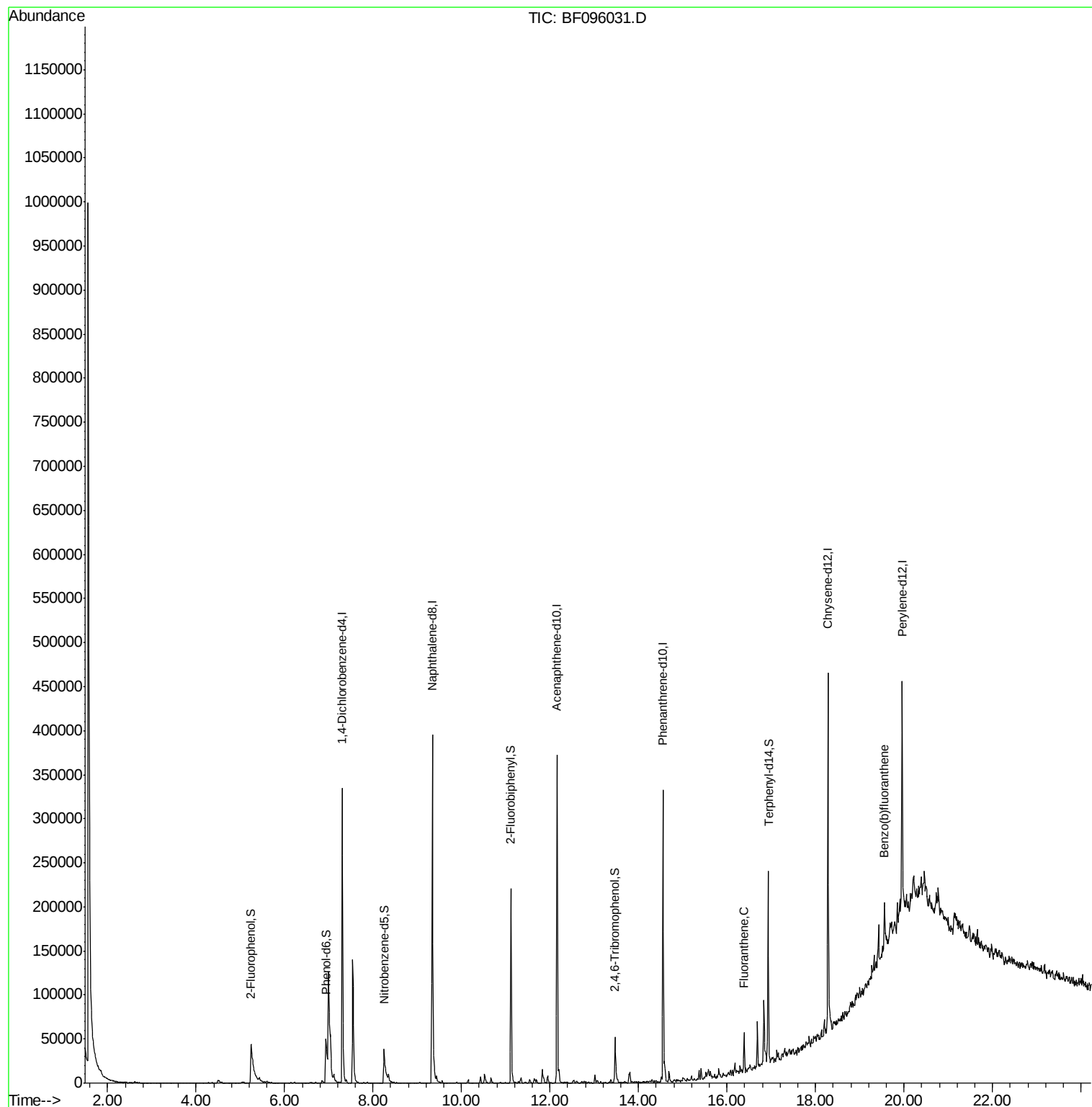
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF096031.D

Acq: 20 Jun 2017 6:52

Instrument :

BNA_F

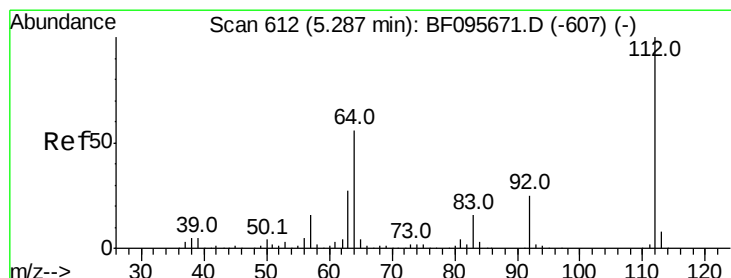
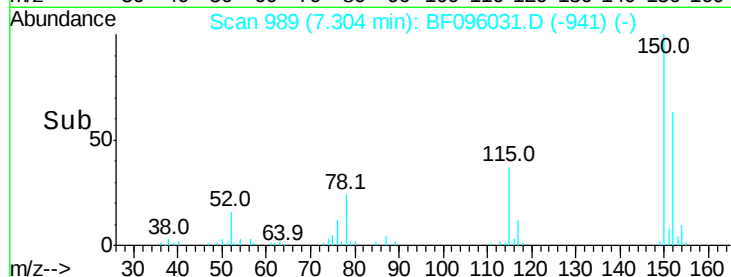
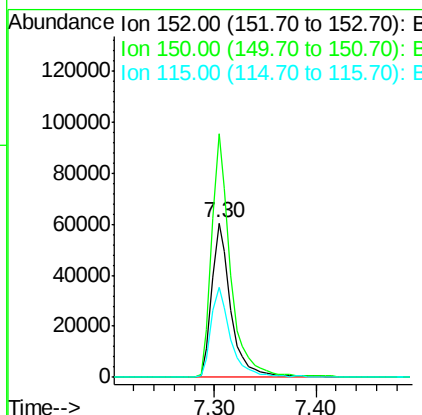
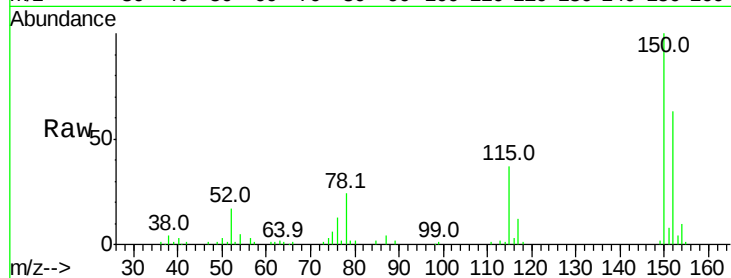
ClientSampleId :

G12-0-1.5

Tot Ion:	152	Resp:	79793
Ion Ratio	Lower	Upper	
152	100		
150	158.0	126.2	189.2
115	58.1	52.2	78.2

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#5

2-Fluorophenol

Concen: 11.41 ng

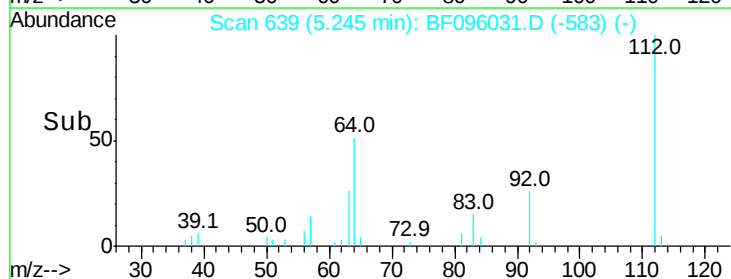
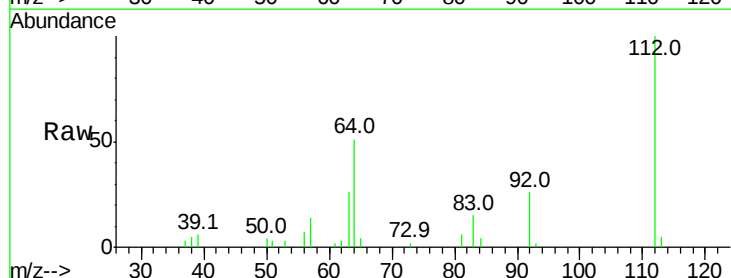
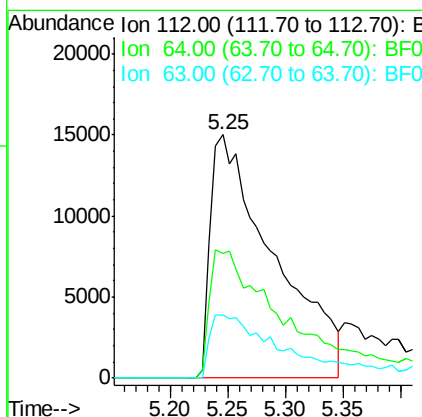
RT: 5.25 min Scan# 639

Delta R.T. 0.03 min

Lab File: BF096031.D

Acq: 20 Jun 2017 6:52

Tgt Ion:	112	Resp:	57128
Ion Ratio	Lower	Upper	
112	100		
64	51.4	46.0	69.0
63	25.7	23.4	35.0





#7

Phenol-d6

Concen: 15.33 ng

RT: 6.93 min Scan# 926

Delta R.T. 0.02 min

Lab File: BF096031.D

Acq: 20 Jun 2017 6:52

Instrument :

BNA_F

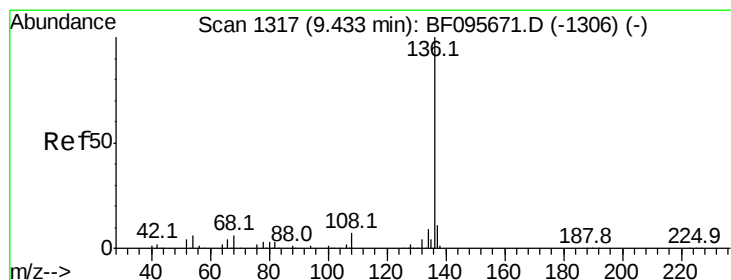
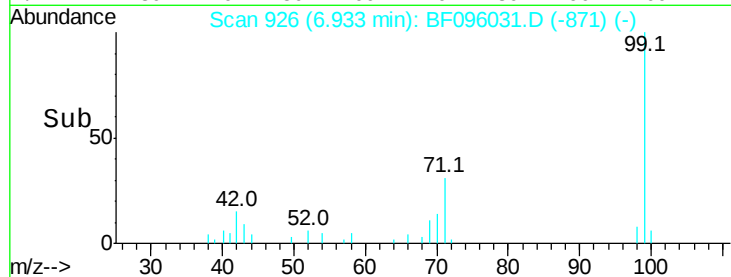
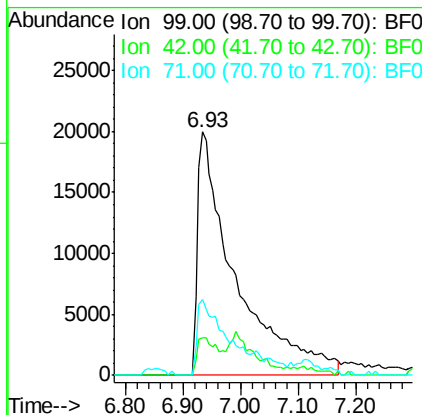
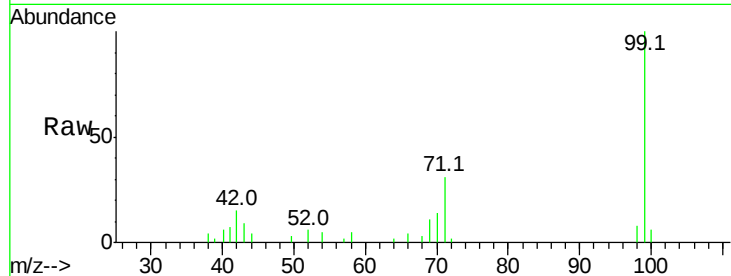
ClientSampleId :

G12-0-1.5

Tot Ion:	99	Resp:	91889
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.5	20.3
71	31.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

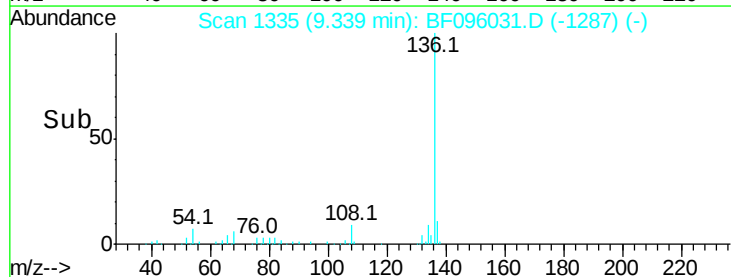
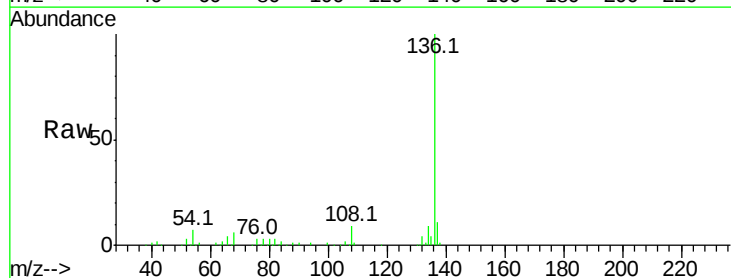
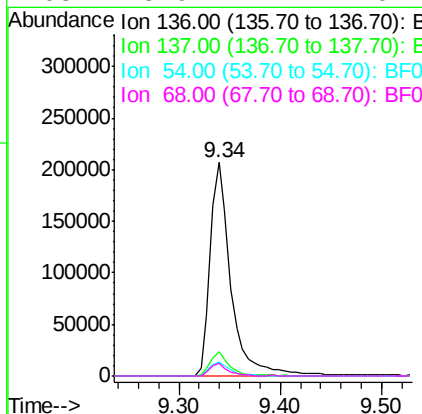
RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096031.D

Acq: 20 Jun 2017 6:52

Tgt Ion:	136	Resp:	296272
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	6.7	4.9	7.3
68	5.9	4.1	6.1





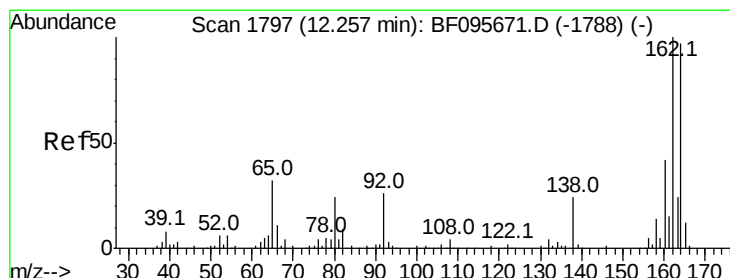
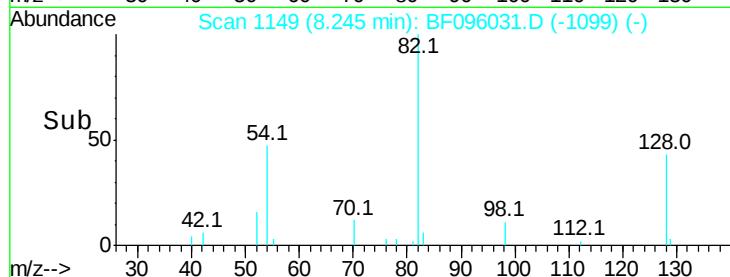
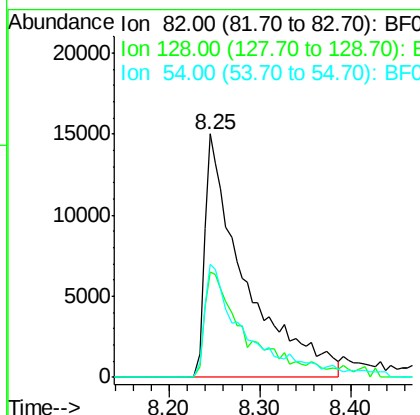
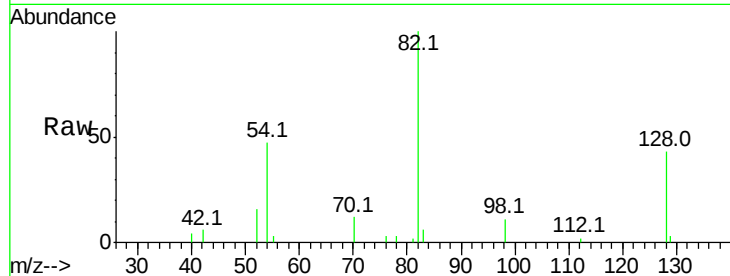
#23
Nitrobenzene-d5
Concen: 9.65 ng
RT: 8.25 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF096031.D
Acq: 20 Jun 2017 6:52

Instrument :
BNA_F
ClientSampleId :
G12-0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	46.6	42.2	63.2

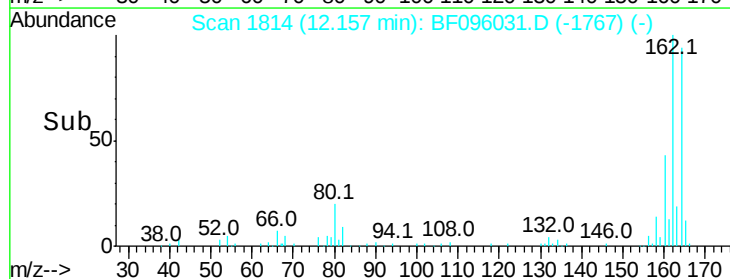
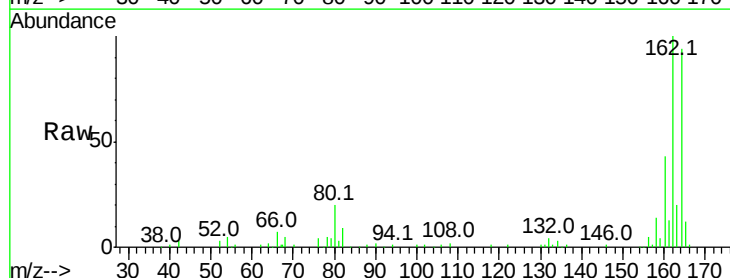
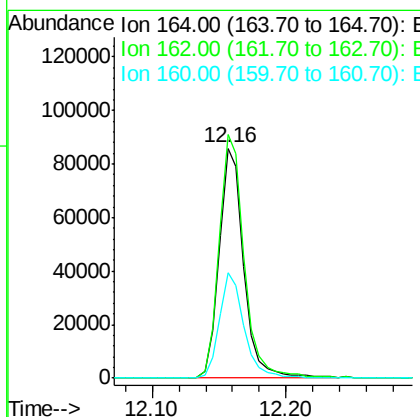
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BF096031.D
Acq: 20 Jun 2017 6:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	45.6	36.2	54.2





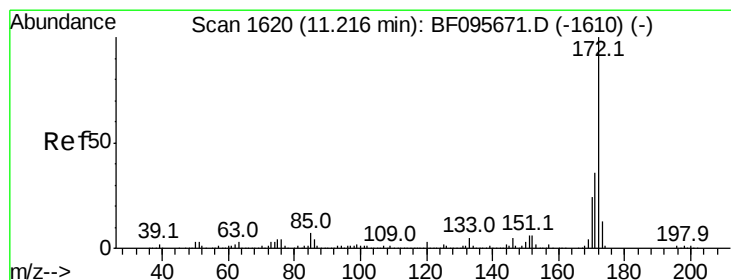
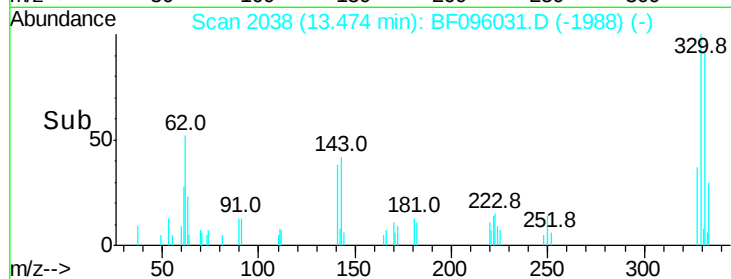
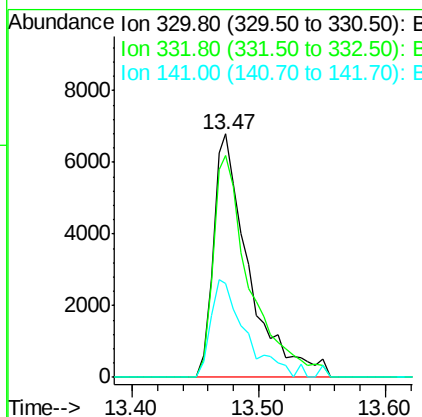
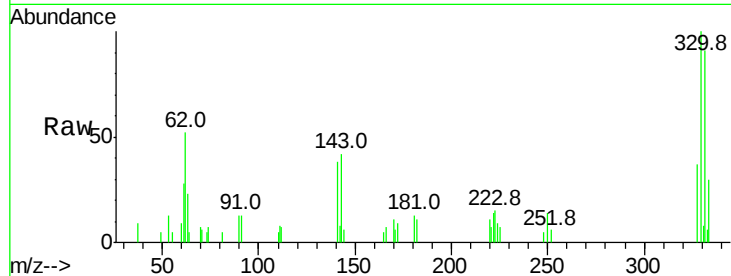
#41
 2,4,6-Tribromophenol
 Concen: 13.46 ng
 RT: 13.47 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF096031.D
 Acq: 20 Jun 2017 6:52

Instrument :
 BNA_F
 ClientSampleId :
 G12-0-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	39.7	31.4	47.2

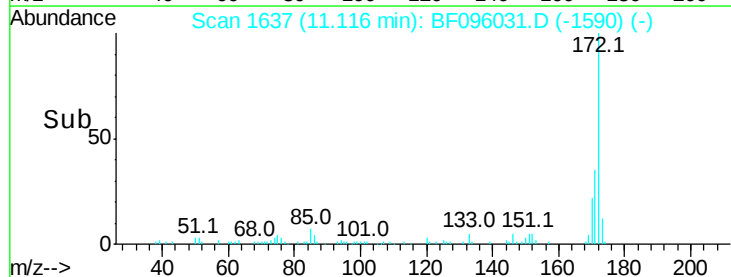
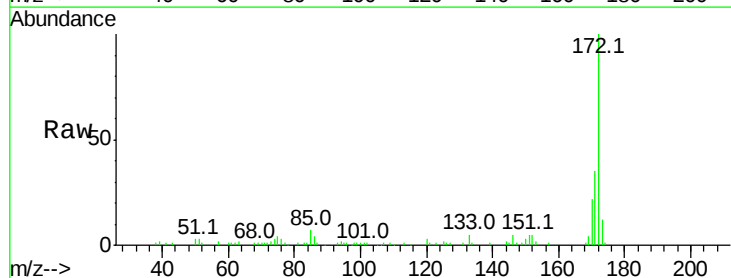
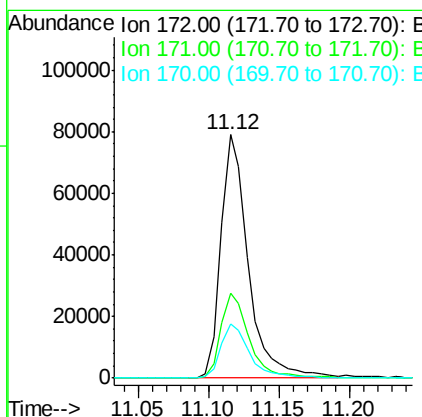
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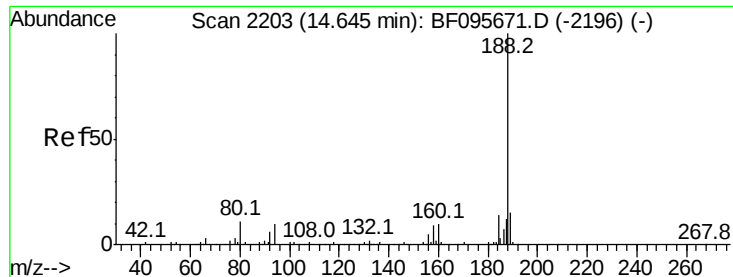
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#44
 2-Fluorobiphenyl
 Concen: 13.46 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096031.D
 Acq: 20 Jun 2017 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	22.2	19.8	29.8





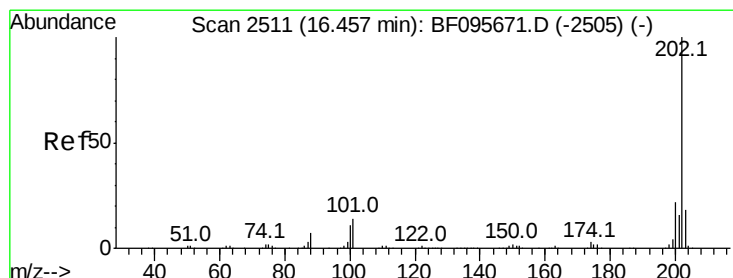
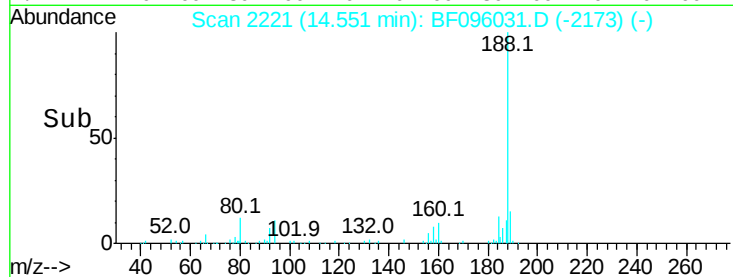
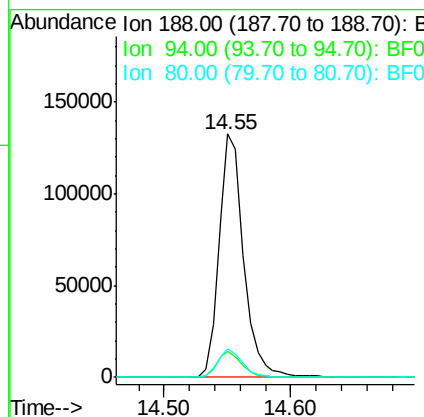
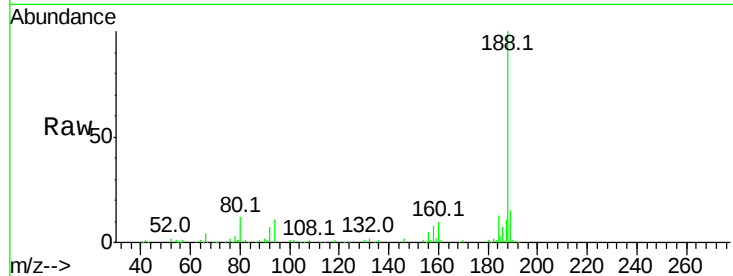
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096031.D
Acq: 20 Jun 2017 6:52

Instrument :
BNA_F
ClientSampleId :
G12-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	179807		
94	10.7		9.4	14.2
80	12.0		10.2	15.2

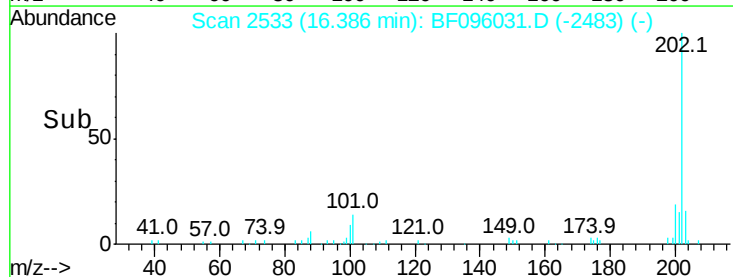
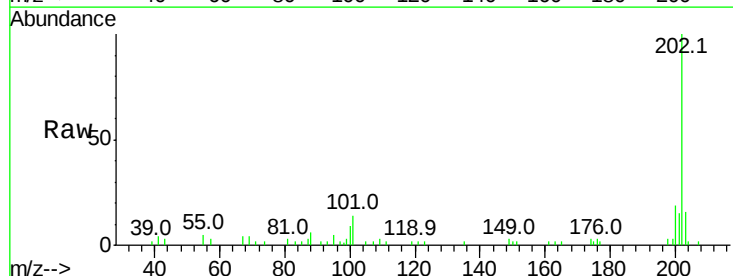
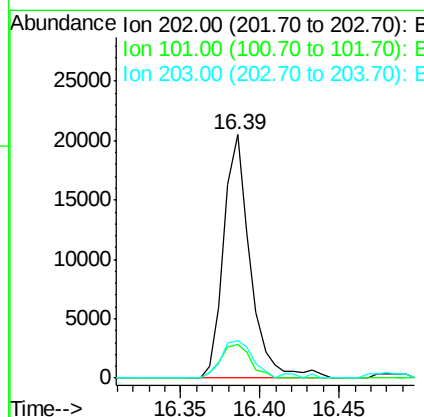
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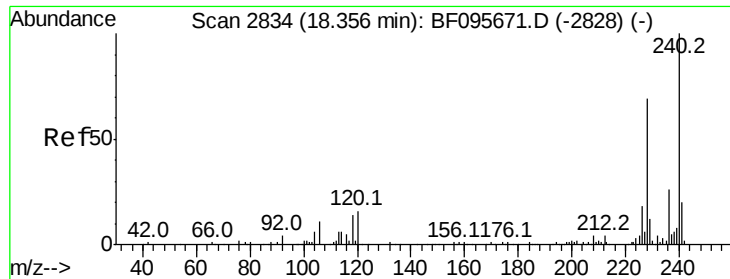
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#74
Fluoranthene
Concen: 2.31 ng
RT: 16.39 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF096031.D
Acq: 20 Jun 2017 6:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	23763		
101	13.7		0.0	33.2
203	15.5		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.28 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BF096031.D

Acq: 20 Jun 2017 6:52

Instrument :

BNA_F

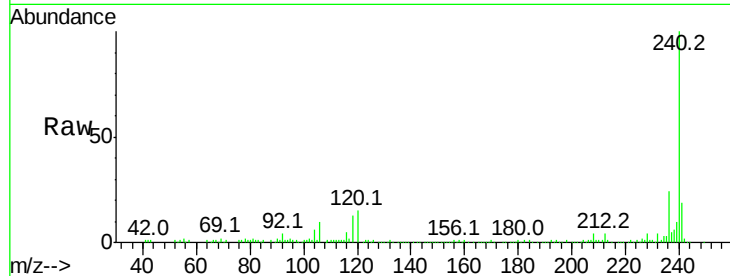
ClientSampleId :

G12-0-1.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.1	20.5	30.7

Manual Integrations
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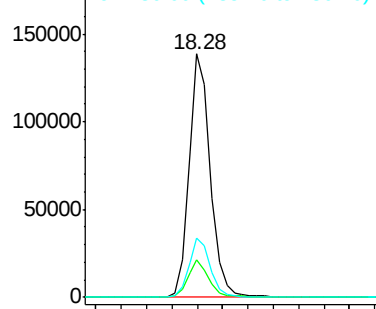
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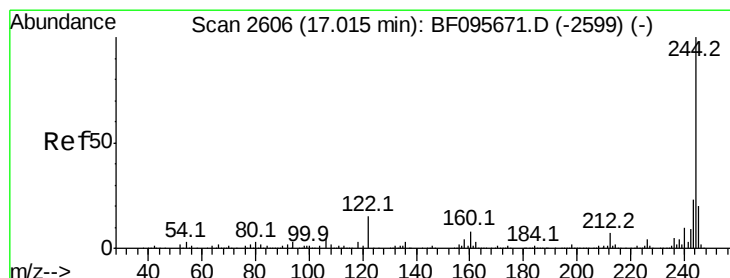
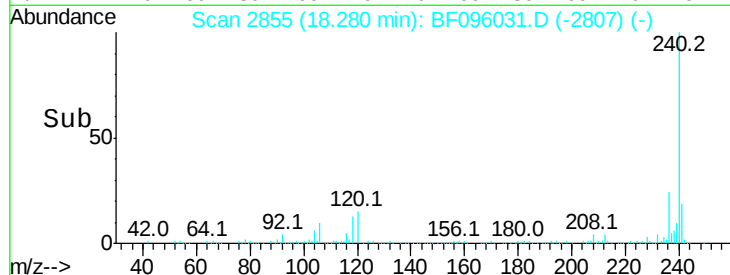
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 18.20 18.30 18.40



#78

Terphenyl-d14

Concen: 12.84 ng

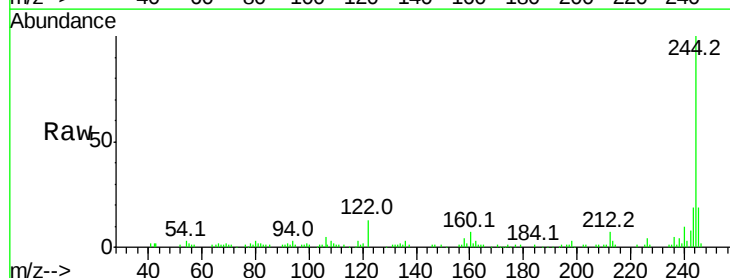
RT: 16.93 min Scan# 2625

Delta R.T. -0.02 min

Lab File: BF096031.D

Acq: 20 Jun 2017 6:52

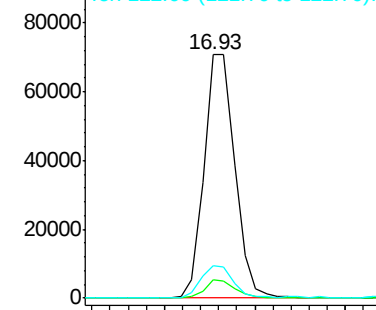
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.5	10.3	15.5



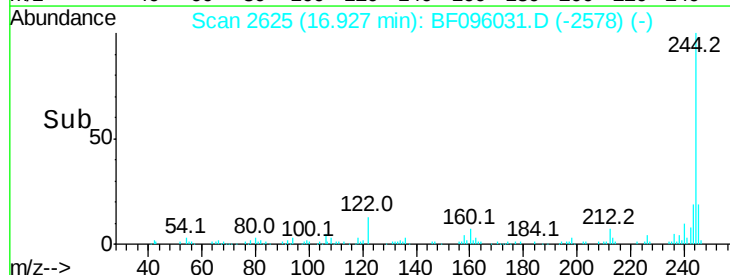
Abundance Ion 244.00 (243.70 to 244.70): E

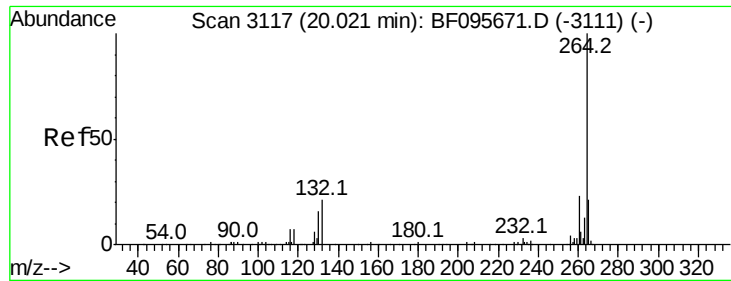
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 16.90 16.95 17.00





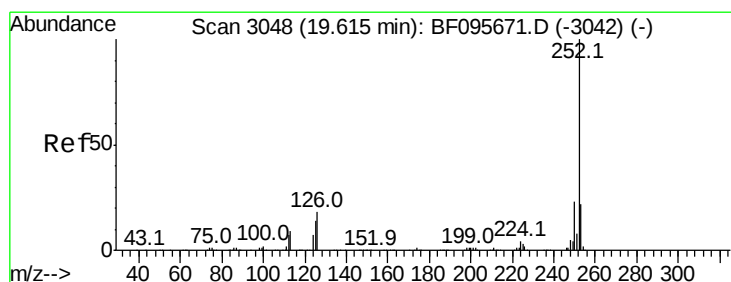
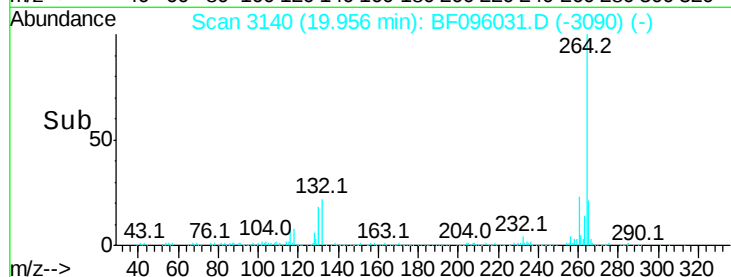
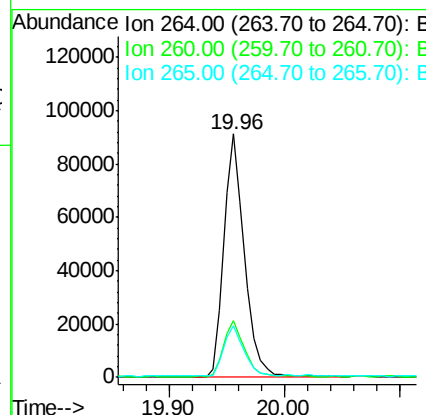
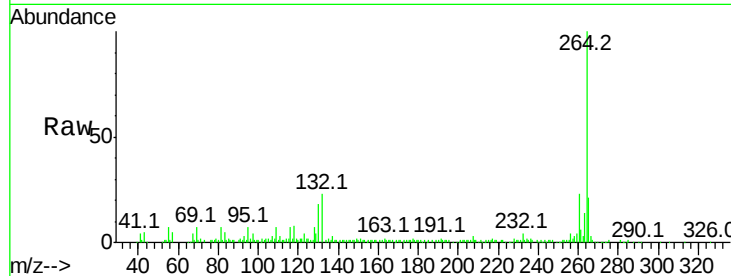
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096031.D
Acq: 20 Jun 2017 6:52

Instrument :
BNA_F
ClientSampleId :
G12-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.4	17.2	25.8

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#87
Benzo(b)fluoranthene
Concen: 2.76 ng m
RT: 19.56 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BF096031.D
Acq: 20 Jun 2017 6:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	25.2	9.8	14.8#

