

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096037.D
 Acq On : 20 Jun 2017 10:07
 Operator : SJ/MA
 Sample : I3688-04 10X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G17-1.5-3

Manual Integrations
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Quant Time: Jun 20 13:53:30 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	7.31	152	77280	20.00	ng	-0.01
21) Naphthalene-d8	9.34	136	285605	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	111039	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	181887	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	156301	20.00	ng	-0.01
86) Perylene-d12	19.96	264	111982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	28135m	5.80	ng	0.09
7) Phenol-d6	6.99	99	38882m	6.70	ng	0.08
23) Nitrobenzene-d5	8.29	82	17667m	3.84	ng	0.04
41) 2,4,6-Tribromophenol	13.49	330	4598	4.68	ng	0.01
44) 2-Fluorobiphenyl	11.12	172	44011	5.52	ng	-0.02
78) Terphenyl-d14	16.93	244	33454	5.31	ng	-0.02

Target Compounds Qvalue

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

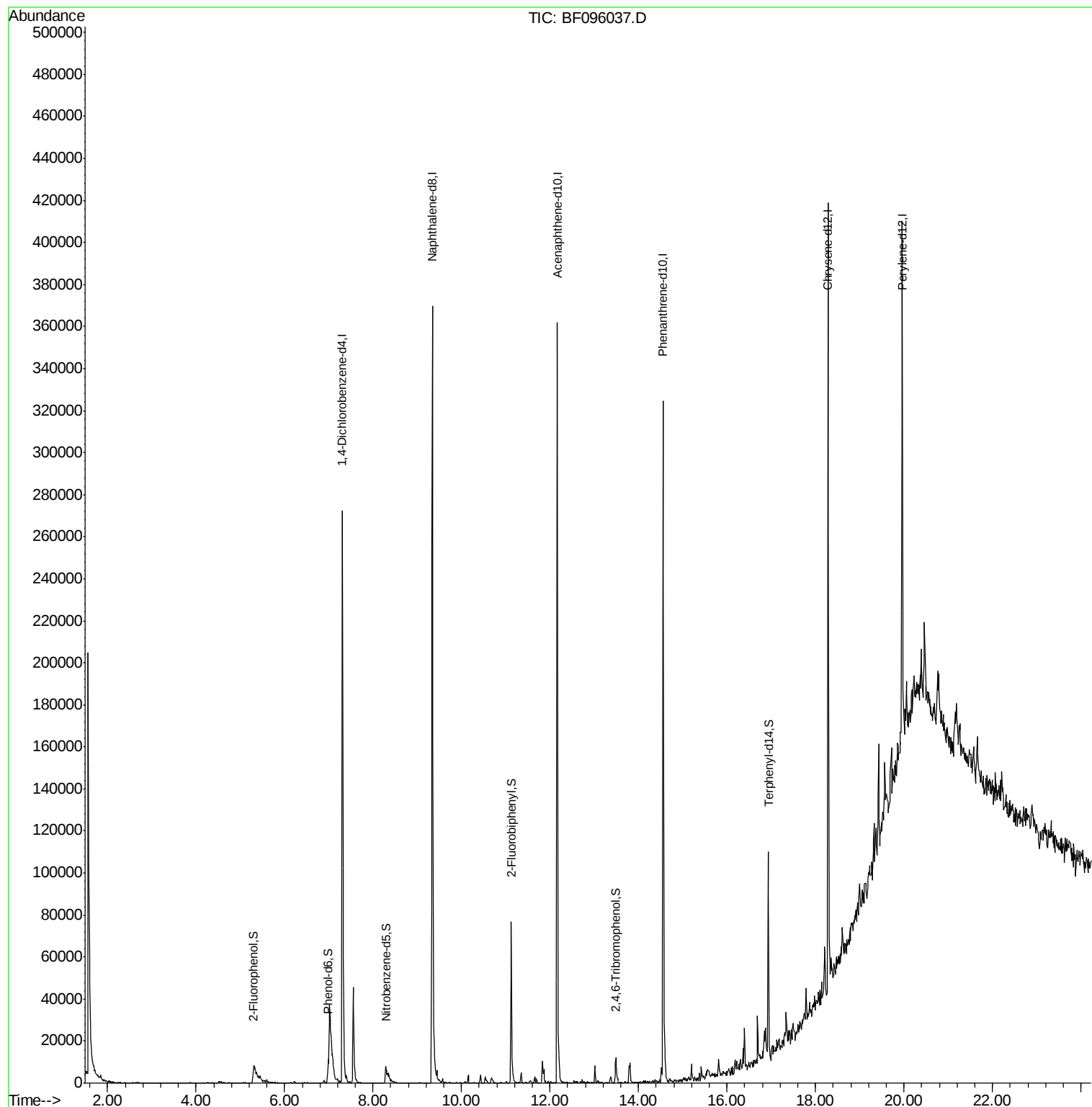
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096037.D
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ALS Vial : 37 Sample Multiplier: 1

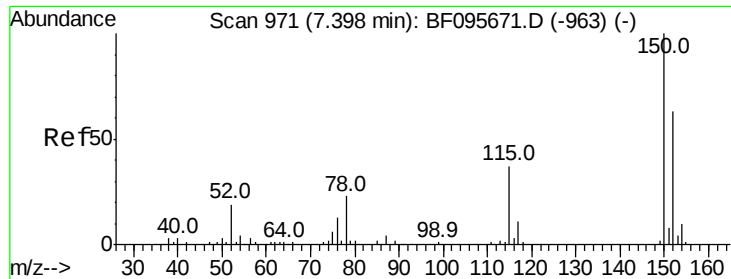
Instrument :
BNA_F
ClientSampleId :
G17-1.5-3

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#1

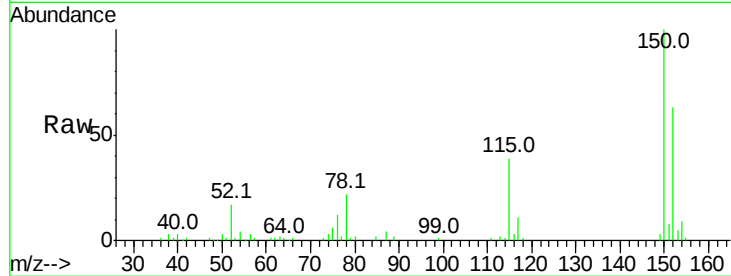
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.31 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Instrument :
BNA_F
ClientSampled :
G17-1.5-3

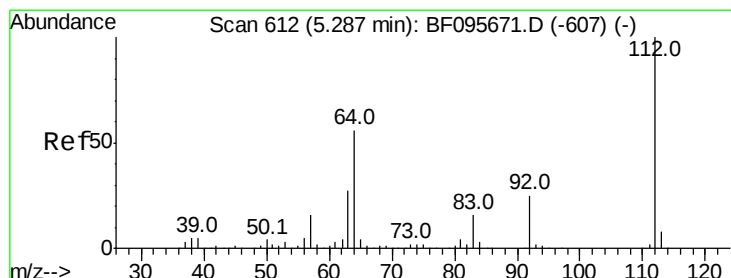
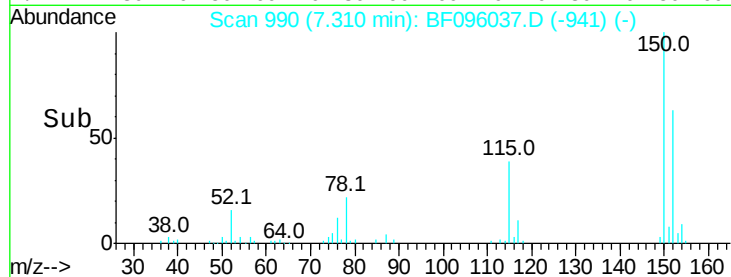
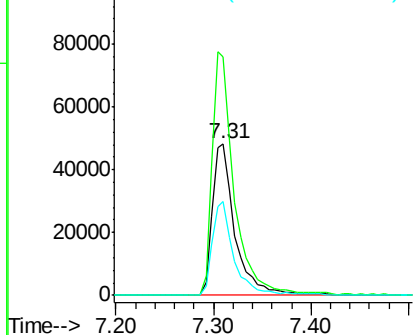
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	61.9	52.2	78.2

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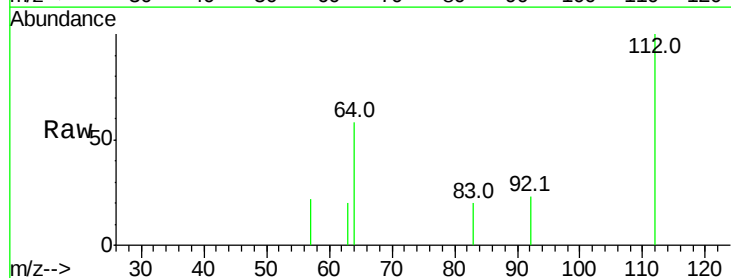
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



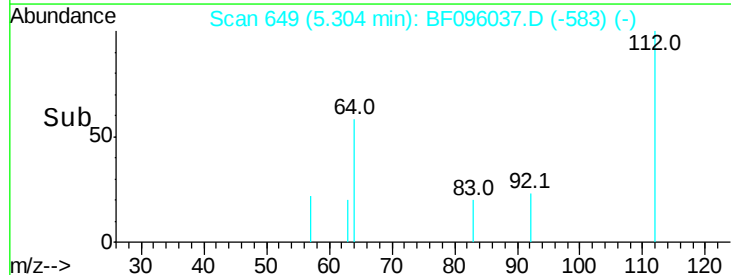
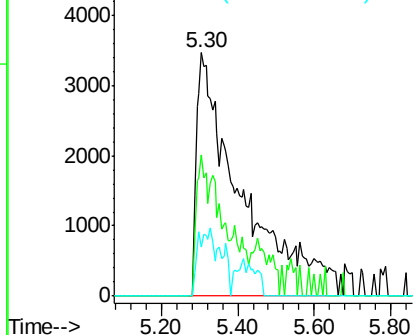
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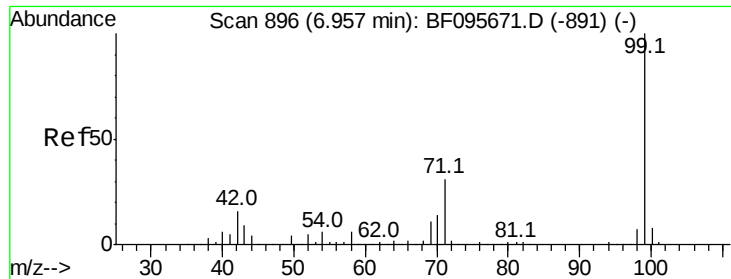
2-Fluorophenol
Concen: 5.80 ng m
RT: 5.30 min Scan# 649
Delta R.T. 0.09 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.0	69.0
63	20.0	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

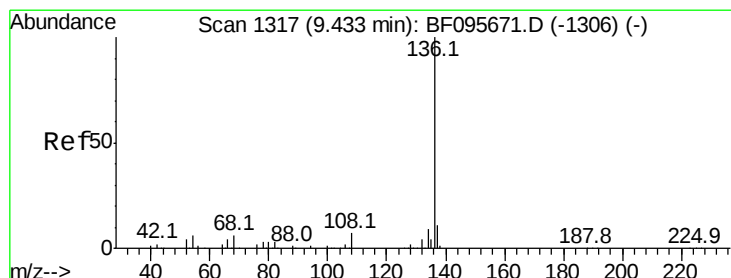
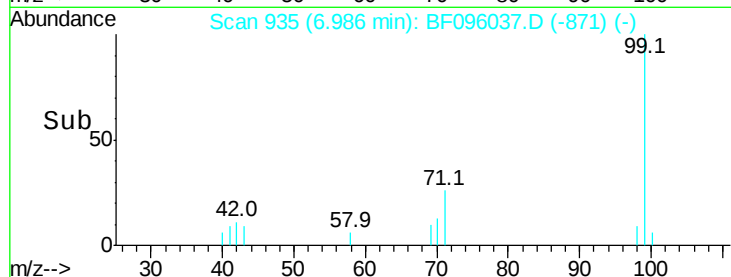
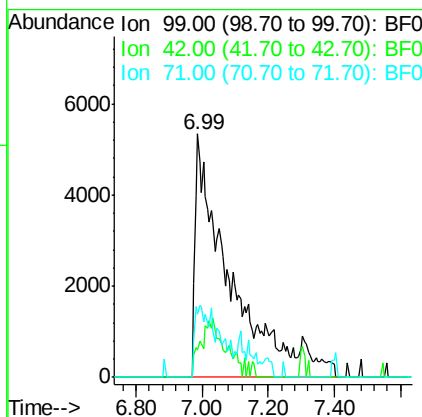
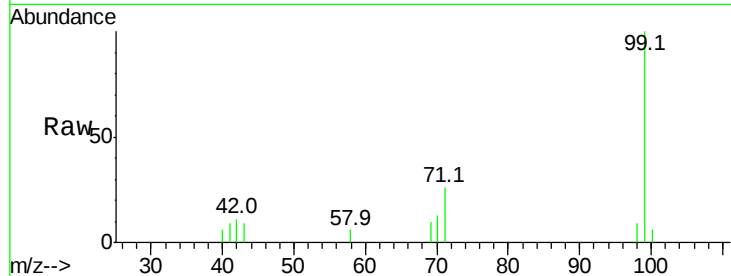
Concen: 6.70 ng/ml
 RT: 6.99 min Scan# 935
 Delta R.T. 0.08 min
 Lab File: BF096037.D
 Acq: 20 Jun 2017 10:07

Instrument :
 BNA_F
 ClientSampleId :
 G17-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
99	100	38882		
42	11.4		13.5	20.3#
71	25.8		24.5	36.7

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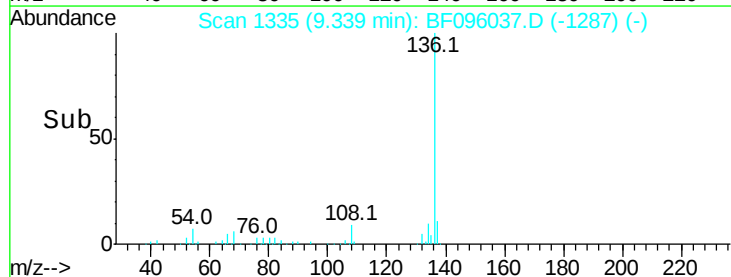
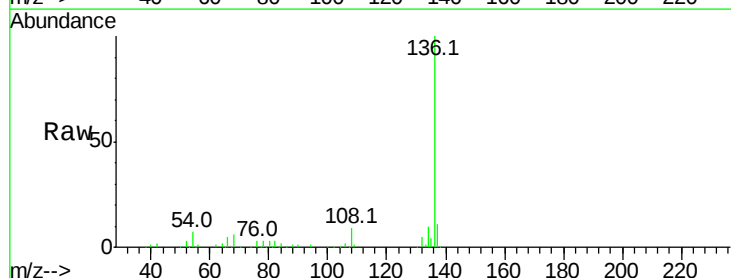
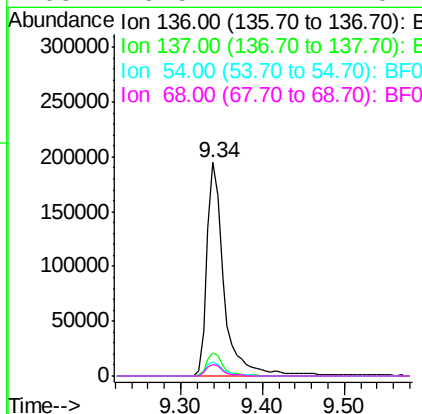


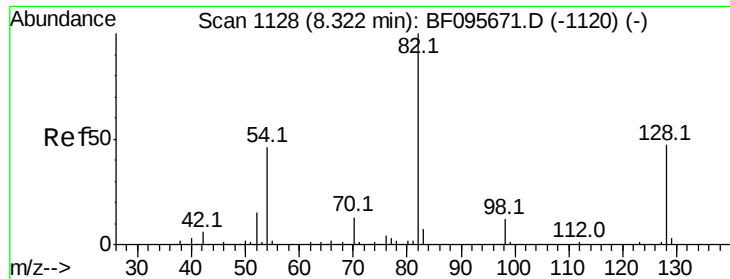
#21

Naphthalene-d8

Concen: 20.00 ng
 RT: 9.34 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF096037.D
 Acq: 20 Jun 2017 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	285605		
137	10.9		8.5	12.7
54	6.7		4.9	7.3
68	5.5		4.1	6.1





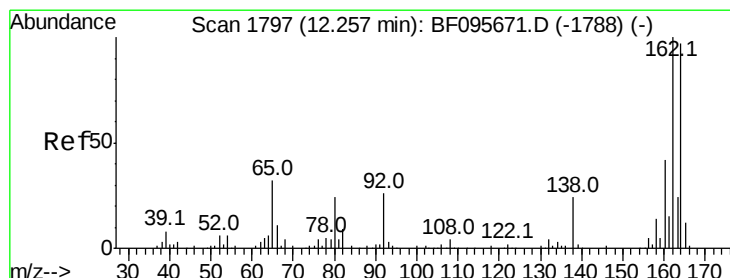
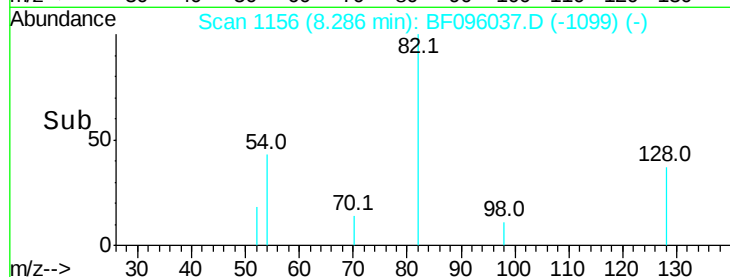
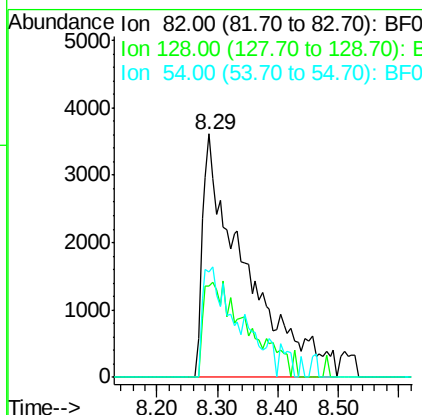
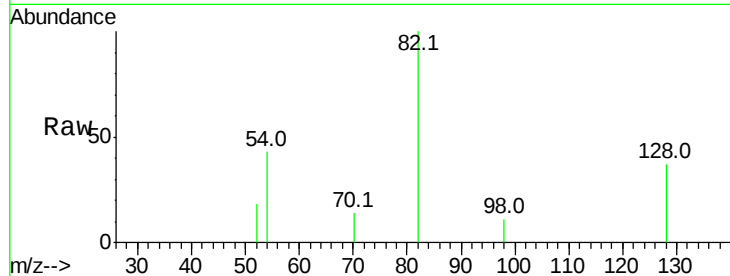
#23
Nitrobenzene-d5
Concen: 3.84 ng/ml
RT: 8.29 min Scan# 1156
Delta R.T. 0.04 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Instrument :
BNA_F
ClientSampled :
G17-1.5-3

Tot Ion	82	Resp	17667
Ion Ratio	100	Lower	Upper
128	37.4	34.0	51.0
54	43.1	42.2	63.2

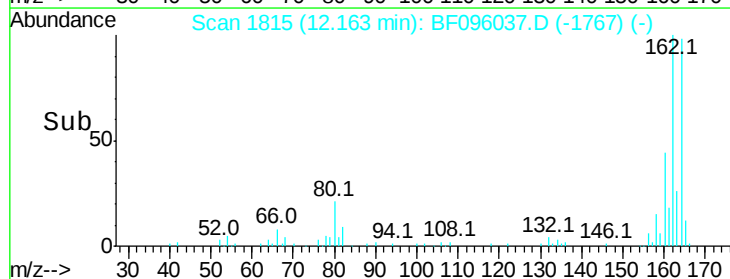
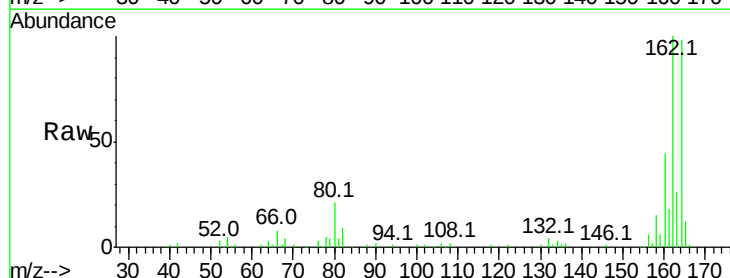
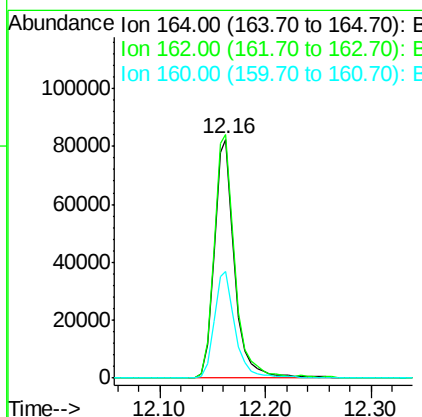
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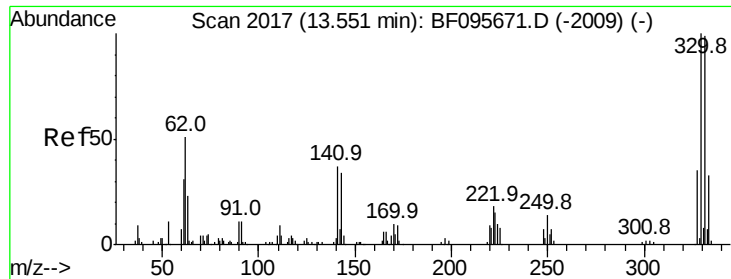
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.16 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Tgt Ion	164	Resp	111039
Ion Ratio	100	Lower	Upper
162	101.8	82.6	123.8
160	44.6	36.2	54.2





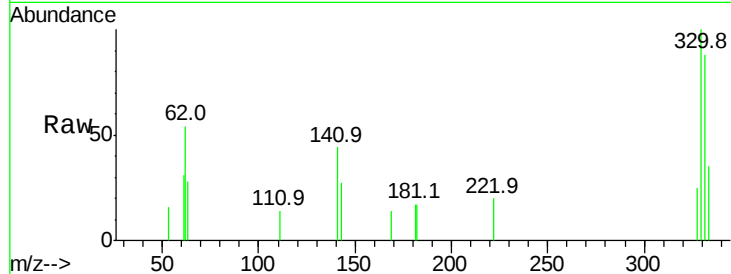
#41
 2,4,6-Tribromophenol
 Concen: 4.68 ng
 RT: 13.49 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF096037.D
 Acq: 20 Jun 2017 10:07

Instrument :
 BNA_F
 ClientSampleId :
 G17-1.5-3

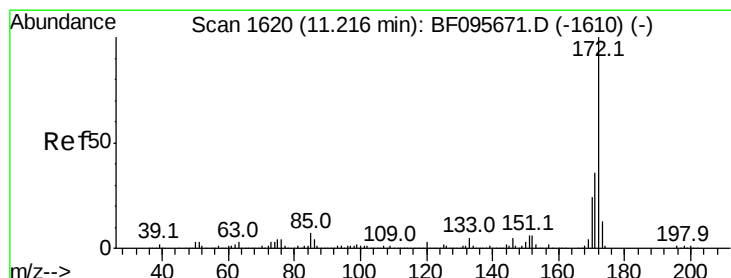
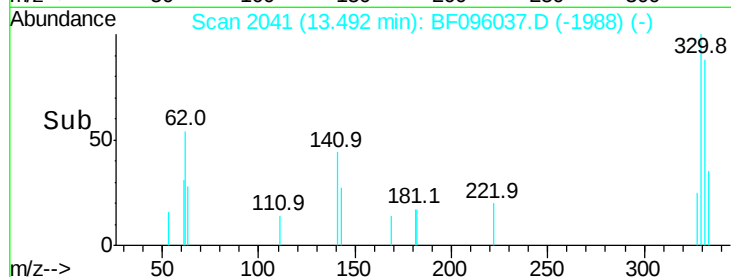
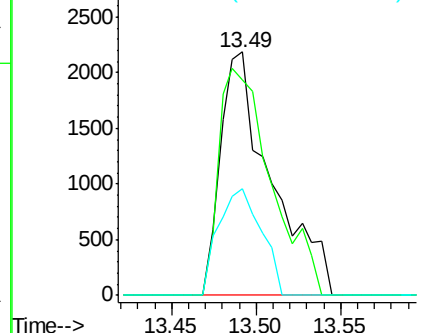
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	36.8	31.4	47.2

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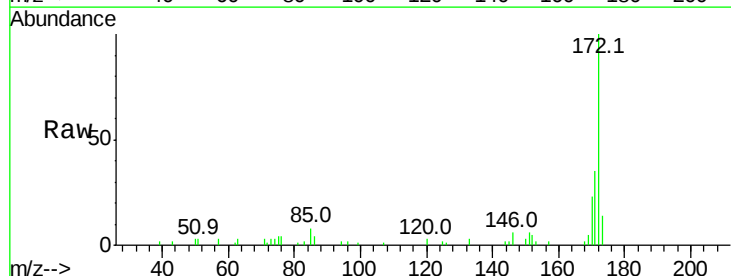


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

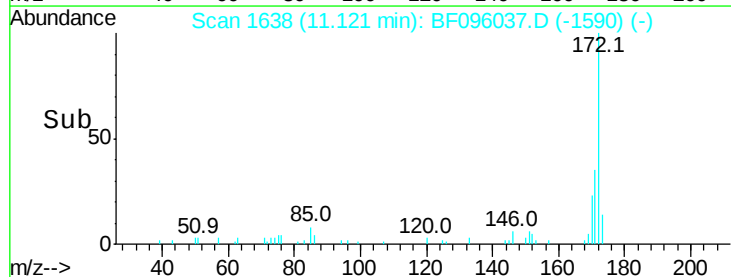
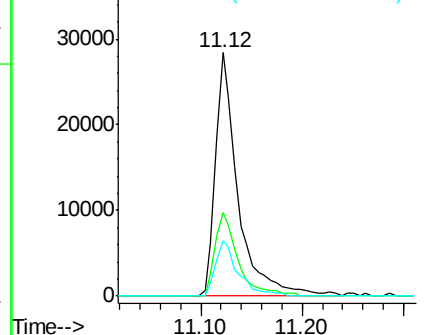


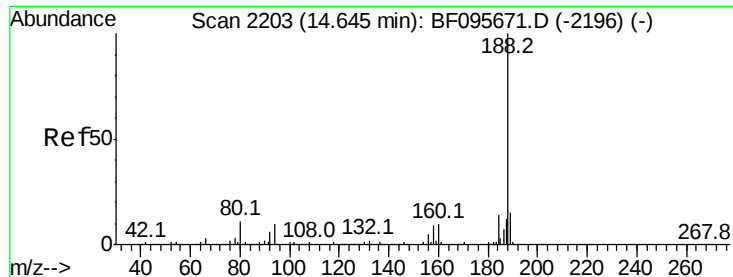
#44
 2-Fluorobiphenyl
 Concen: 5.52 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096037.D
 Acq: 20 Jun 2017 10:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.6	44.4
170	23.0	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





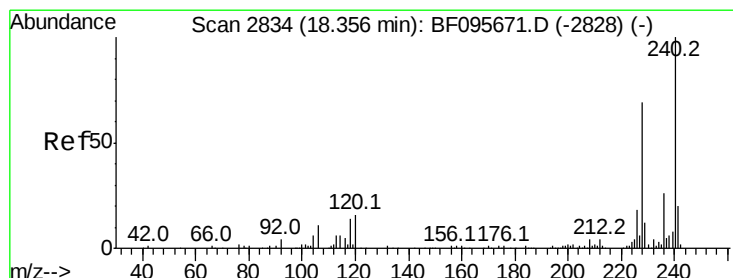
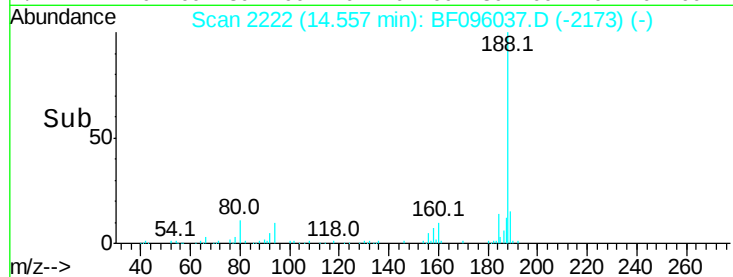
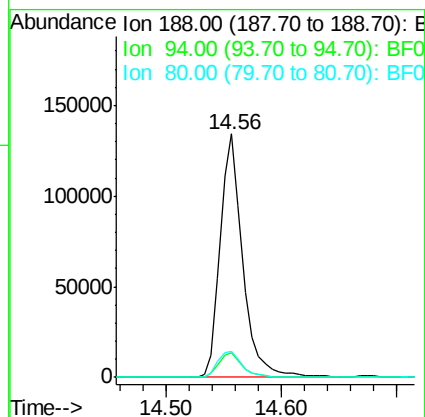
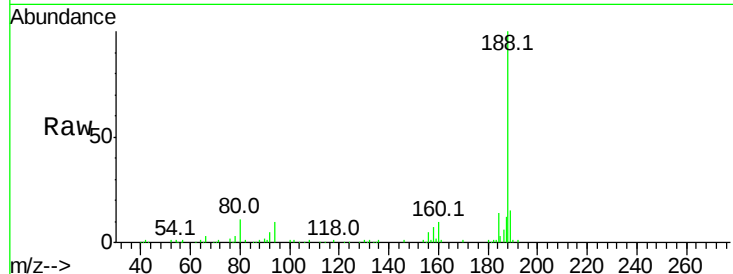
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Instrument :
BNA_F
ClientSampleId :
G17-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	181887		
94	10.1		9.4	14.2
80	10.7		10.2	15.2

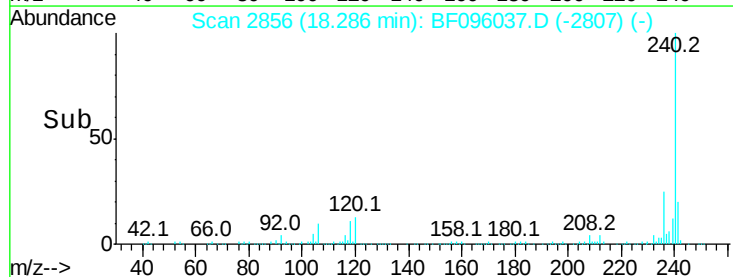
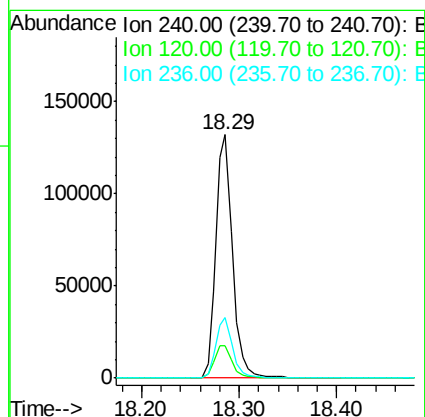
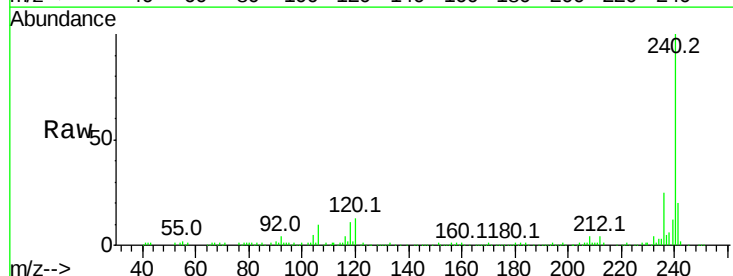
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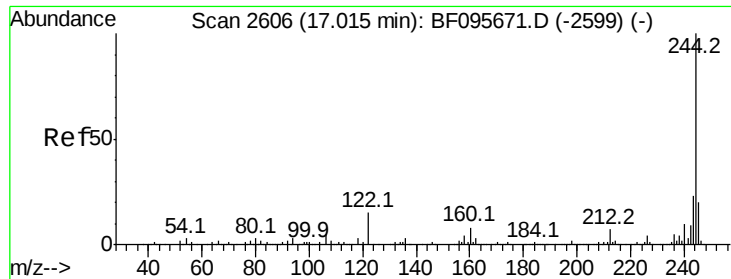
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF096037.D
Acq: 20 Jun 2017 10:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	156301		
120	13.1		5.8	8.8#
236	24.8		20.5	30.7





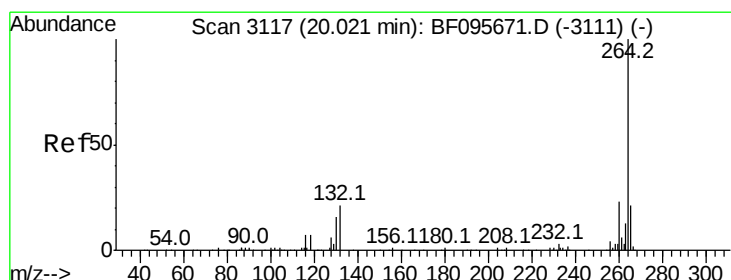
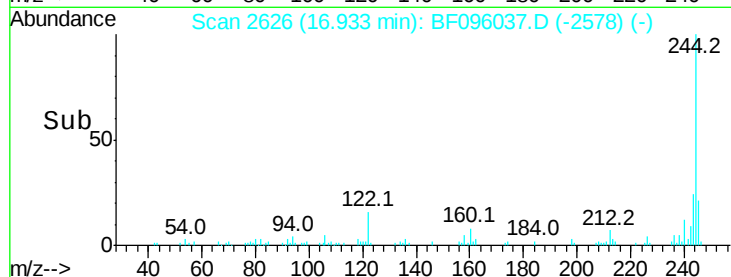
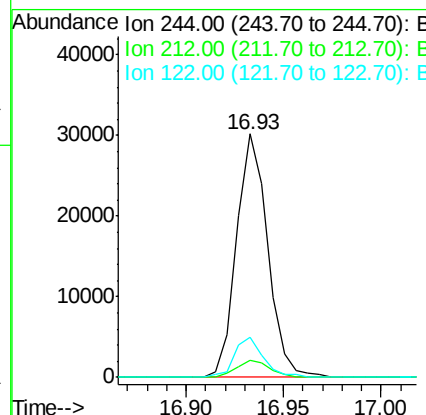
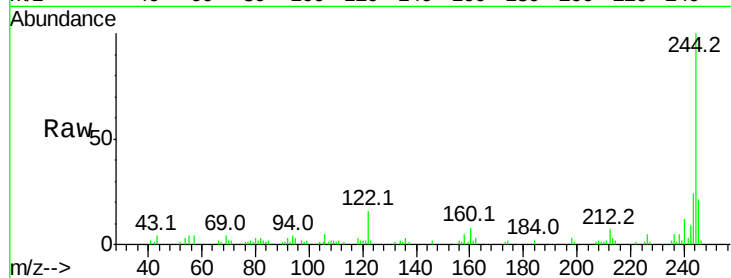
#78
 Terphenyl-d14
 Concen: 5.31 ng
 RT: 16.93 min Scan# 2626
 Delta R.T. -0.02 min
 Lab File: BF096037.D
 Acq: 20 Jun 2017 10:07

Instrument :
 BNA_F
 ClientSampleId :
 G17-1.5-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	16.4	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BF096037.D
 Acq: 20 Jun 2017 10:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.4	17.2	25.8

