

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096036.D
 Acq On : 20 Jun 2017 9:35
 Operator : SJ/MA
 Sample : I3688-03 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G17-0-1.5

Manual Integrations
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Quant Time: Jun 20 13:51:19 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	73725	20.00	ng	-0.01
21) Naphthalene-d8	9.34	136	274877	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	105204	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	169894	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	142780	20.00	ng	-0.01
86) Perylene-d12	19.96	264	105016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	13727m	2.97	ng	0.16
7) Phenol-d6	7.04	99	20885m	3.77	ng	0.13
23) Nitrobenzene-d5	8.32	82	8732m	1.97	ng	0.06
41) 2,4,6-Tribromophenol	13.49	330	2002	2.15	ng	0.01
44) 2-Fluorobiphenyl	11.13	172	24291	3.21	ng	-0.01
78) Terphenyl-d14	16.93	244	17763	3.09	ng	-0.02

Target Compounds Qvalue

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

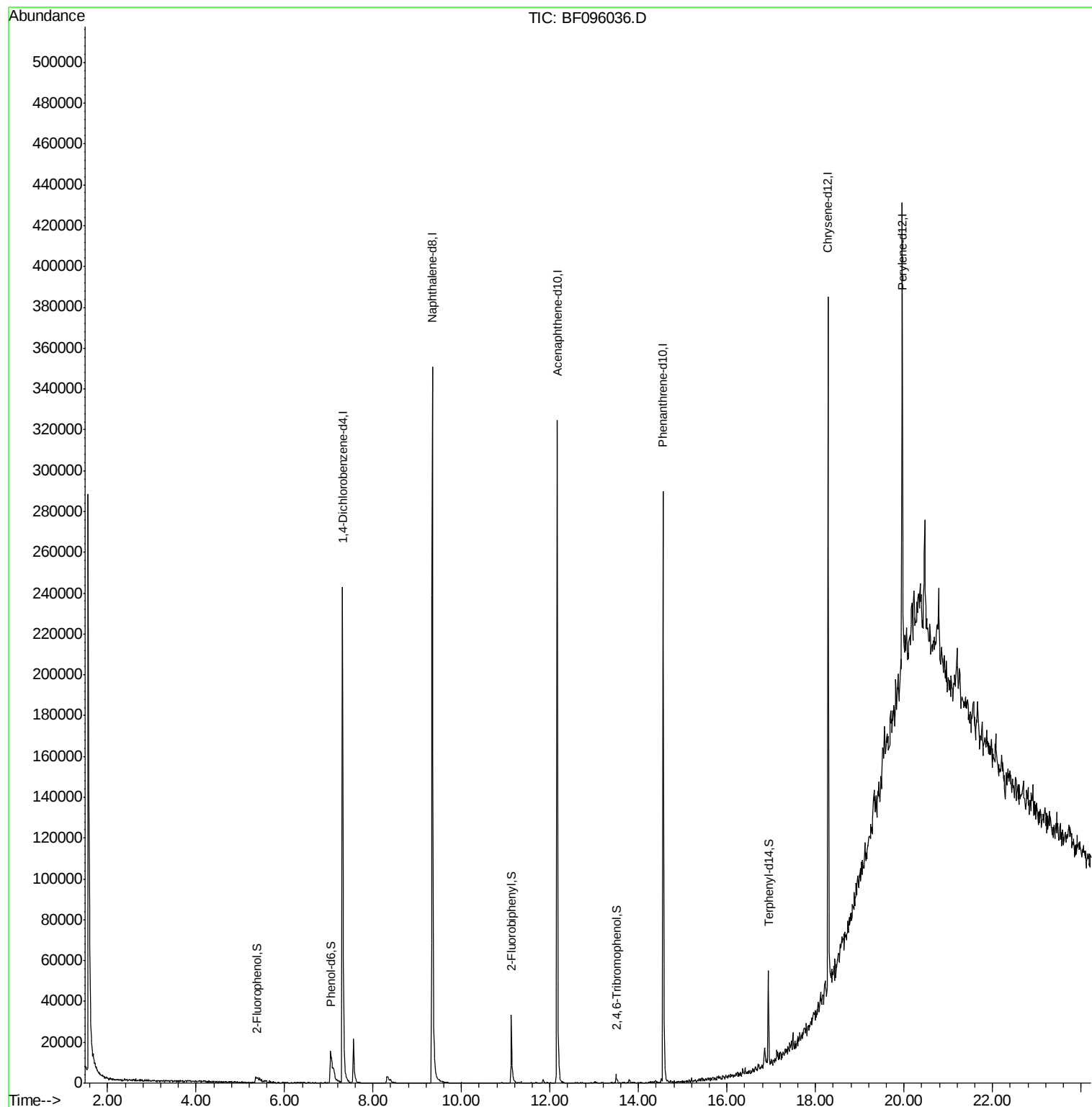
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096036.D
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ALS Vial : 36 Sample Multiplier: 1

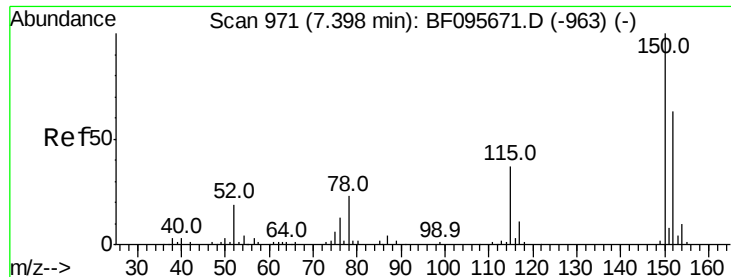
Instrument :
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#1

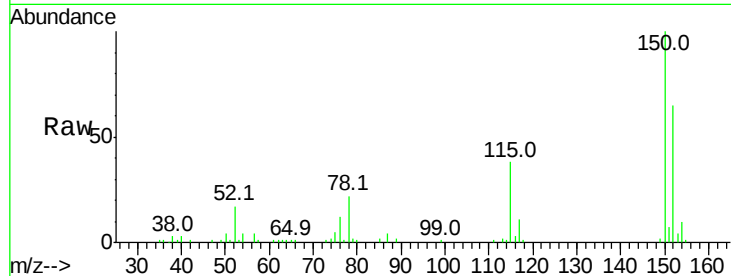
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.31 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF096036.D
Acq: 20 Jun 2017 9:35

Instrument :
BNA_F
ClientSampleId :
G17-0-1.5

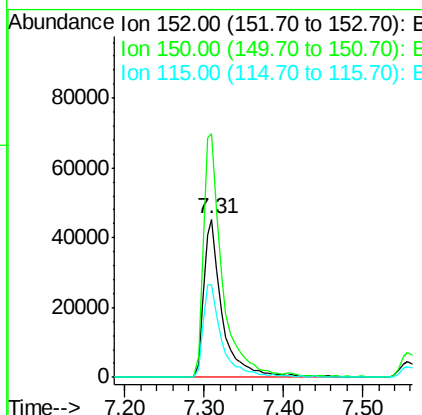
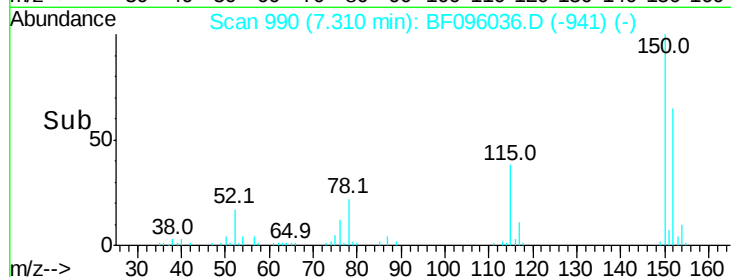
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.2	189.2
115	58.3	52.2	78.2

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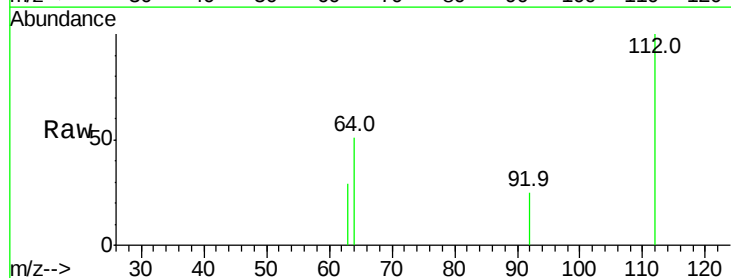
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



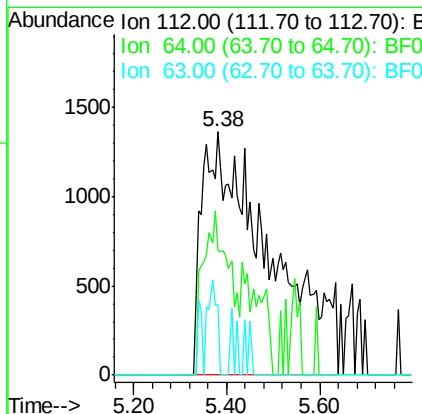
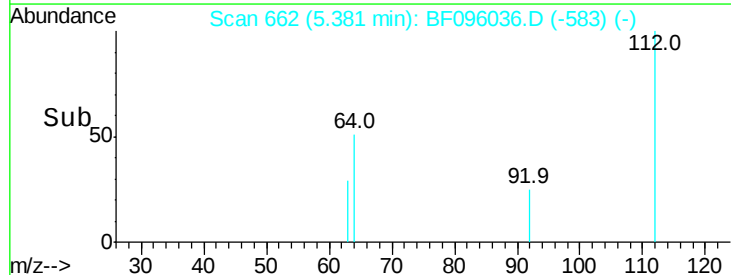
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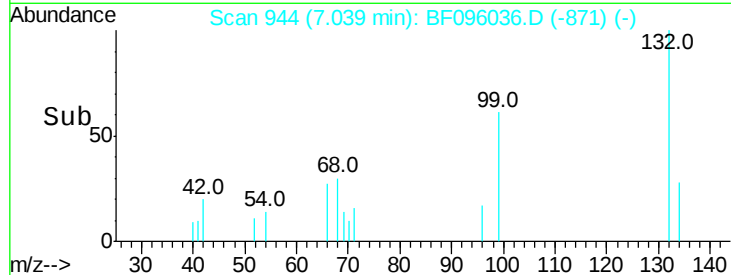
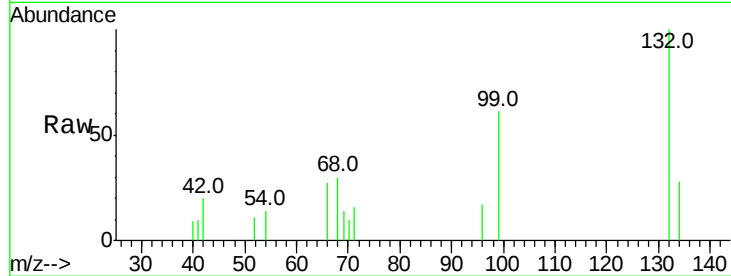
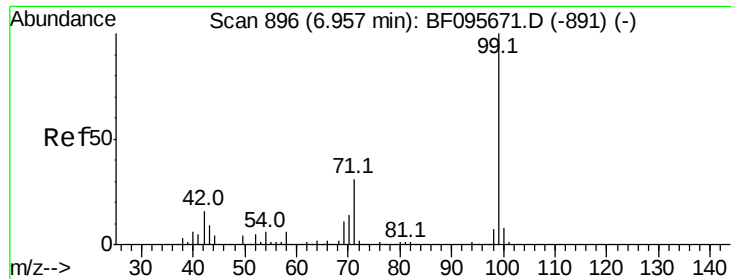
2-Fluorophenol
Concen: 2.97 ng m
RT: 5.38 min Scan# 662
Delta R.T. 0.16 min
Lab File: BF096036.D
Acq: 20 Jun 2017 9:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	46.0	69.0
63	28.9	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: 3.77 ng/mL

RT: 7.04 min Scan# 944

Delta R.T. 0.13 min

Lab File: BF096036.D

Acq: 20 Jun 2017 9:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		20885		
42	32.7	13.5	20.3#		
71	26.6	24.5	36.7		

Instrument :

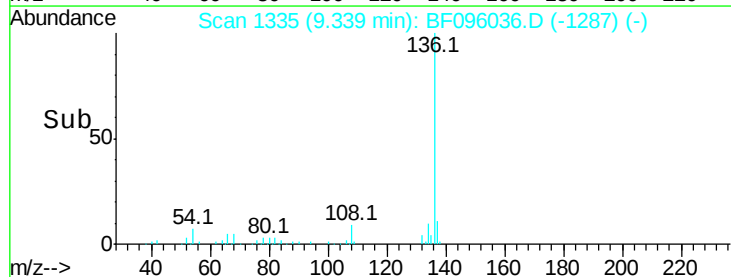
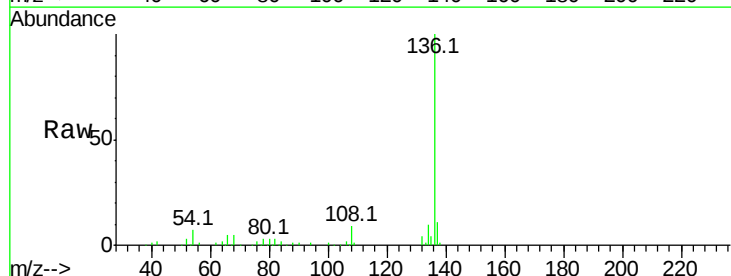
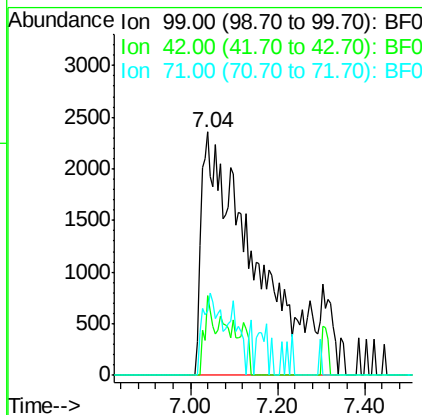
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#21

Naphthalene-d8

Concen: 20.00 ng

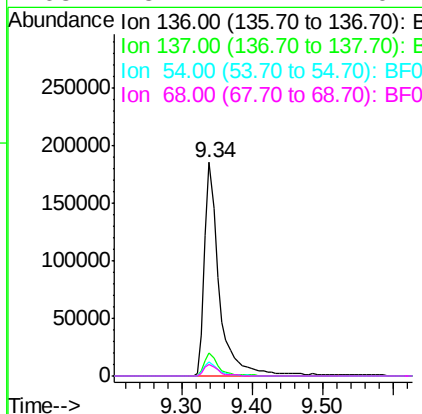
RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096036.D

Acq: 20 Jun 2017 9:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		274877		
137	10.9	8.5	12.7		
54	6.8	4.9	7.3		
68	5.2	4.1	6.1		





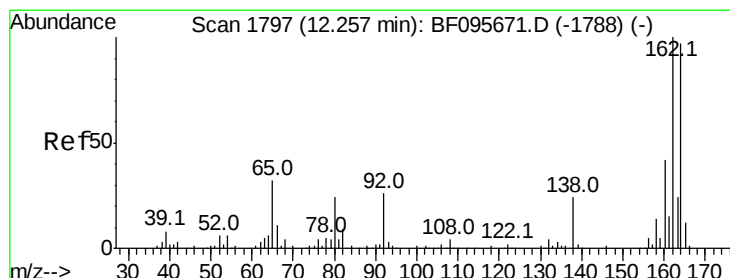
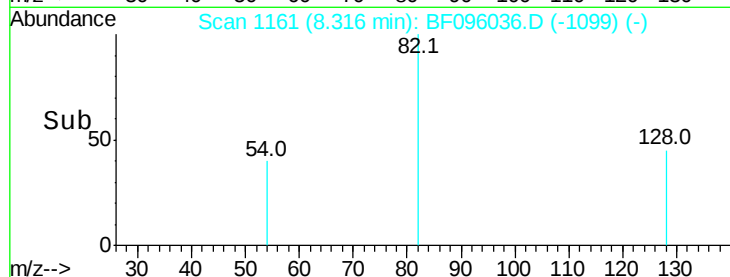
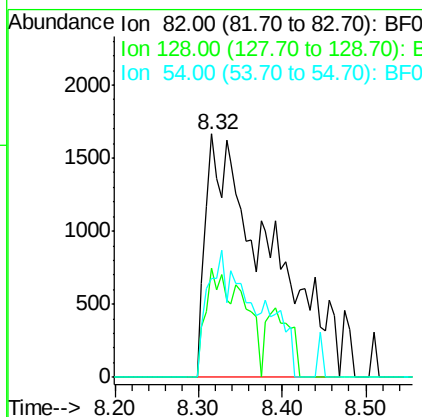
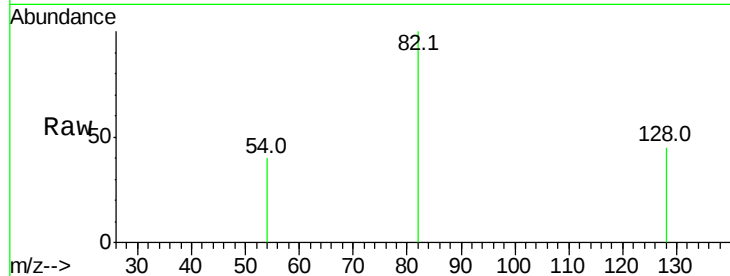
#23
 Nitrobenzene-d5
 Concen: 1.97 ng/ml
 RT: 8.32 min Scan# 1161
 Delta R.T. 0.06 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 G17-0-1.5

Tot Ion	82	Resp	8732
Ion Ratio	100	Lower	Upper
128	44.7	34.0	51.0
54	40.5	42.2	63.2#

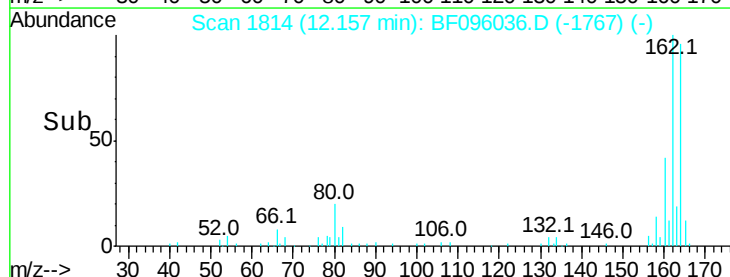
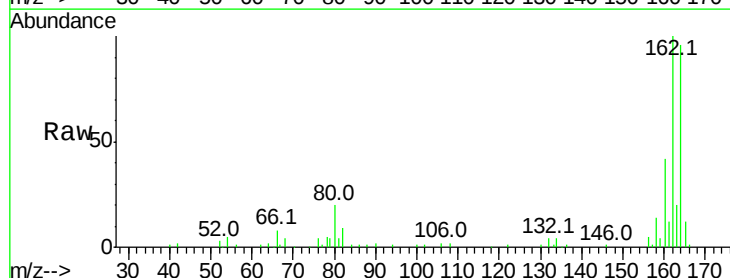
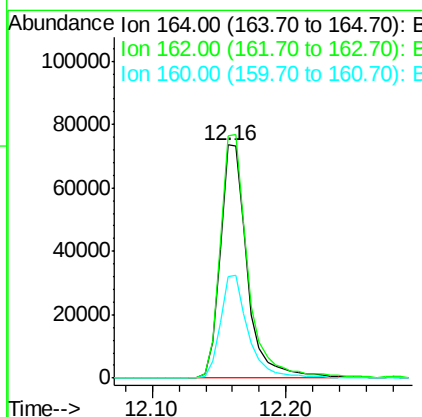
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

Tgt Ion	164	Resp	105204
Ion Ratio	100	Lower	Upper
162	103.7	82.6	123.8
160	43.6	36.2	54.2





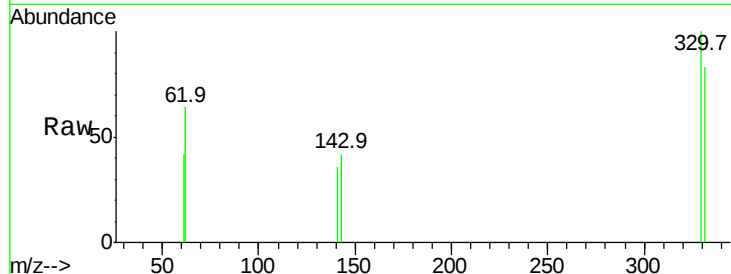
#41
 2,4,6-Tribromophenol
 Concen: 2.15 ng
 RT: 13.49 min Scan# 2041
 Delta R.T. 0.01 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

Instrument :
 BNA_F
 ClientSampled :
 G17-0-1.5

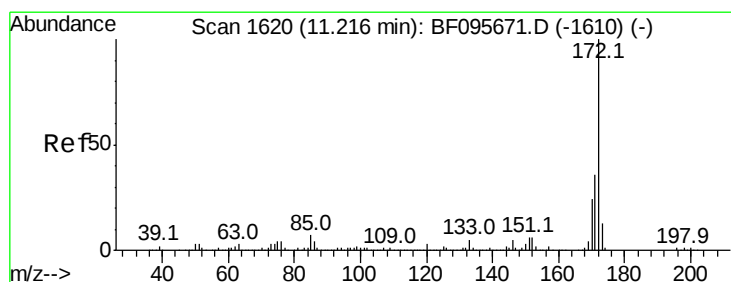
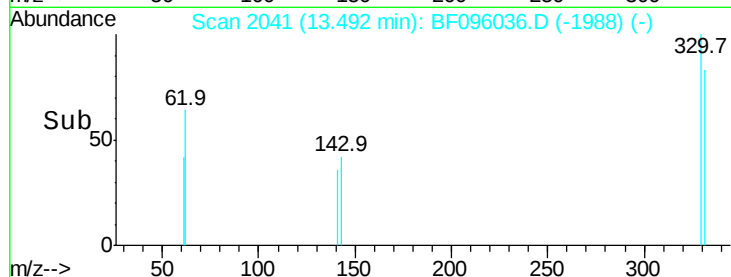
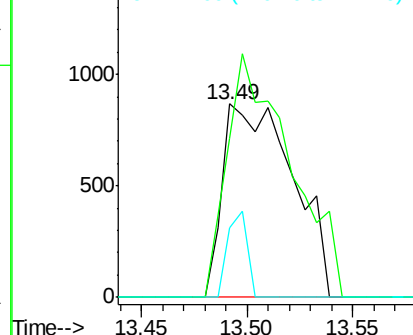
Tot Ion	Ratio	Lower	Upper
330	100		
332	113.9	76.6	115.0
141	12.3	31.4	47.2#

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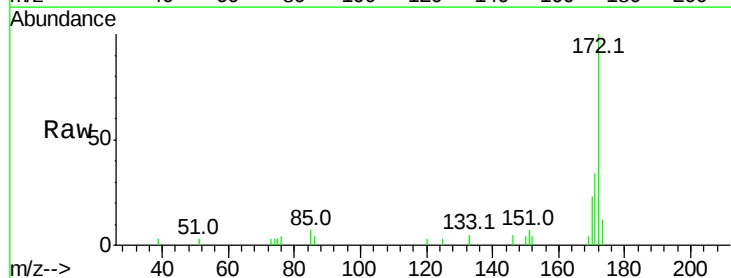


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

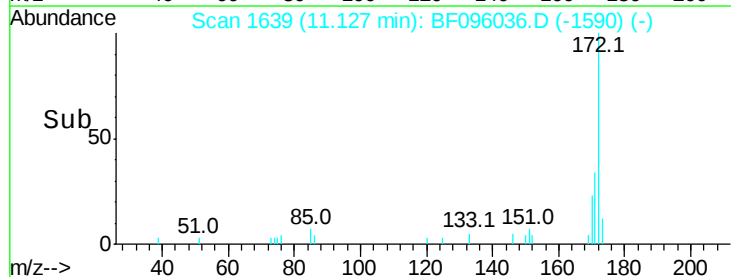
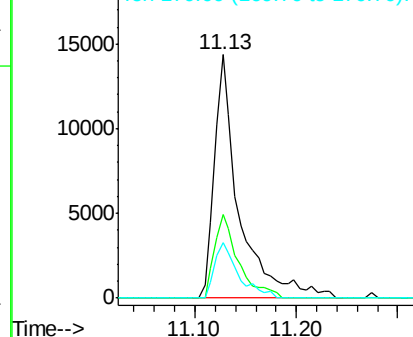


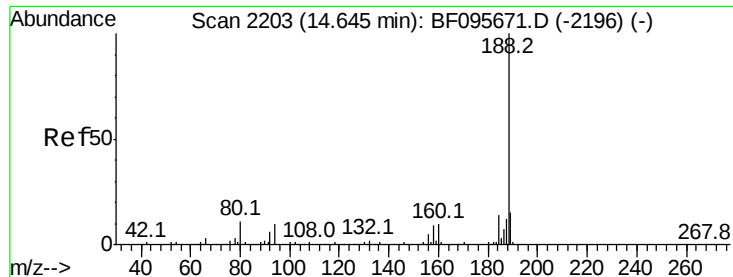
#44
 2-Fluorobiphenyl
 Concen: 3.21 ng
 RT: 11.13 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	22.6	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





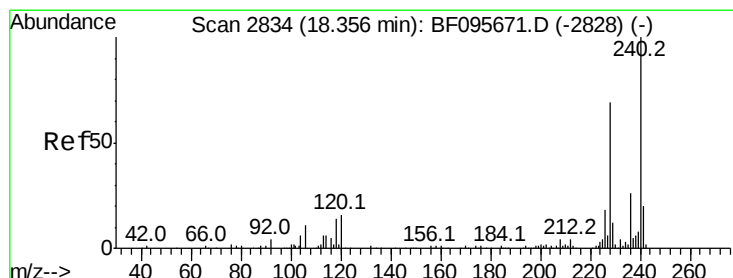
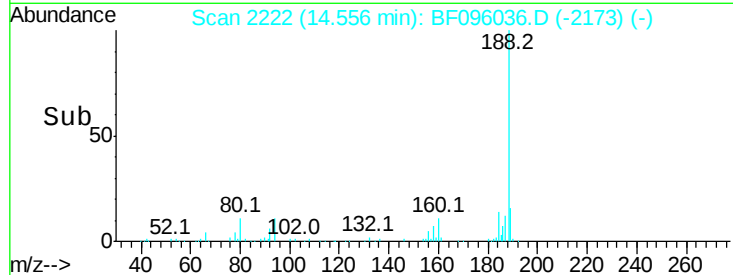
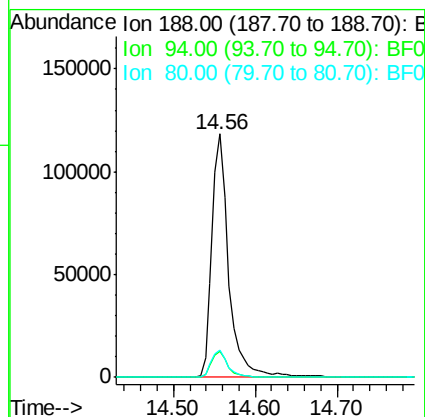
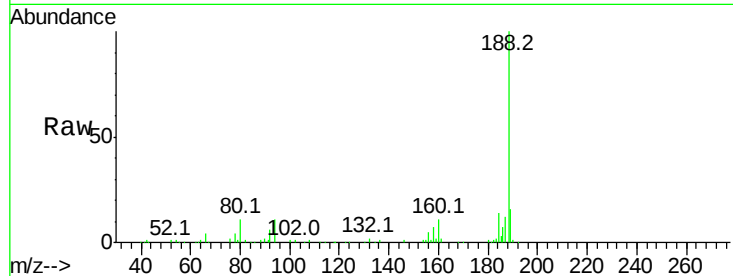
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096036.D
Acq: 20 Jun 2017 9:35

Instrument :
BNA_F
ClientSampleId :
G17-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.1	10.2	15.2

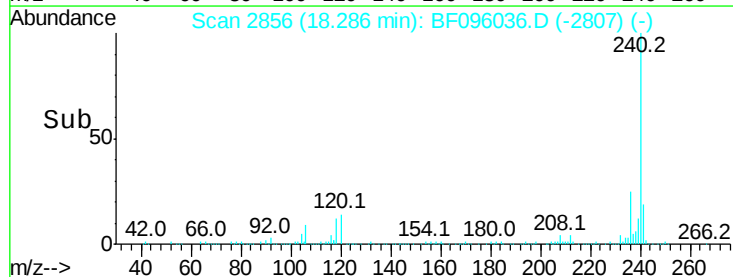
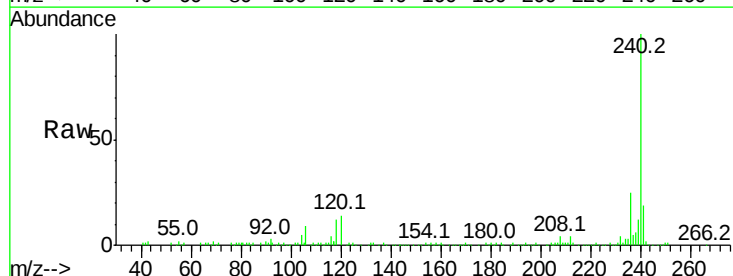
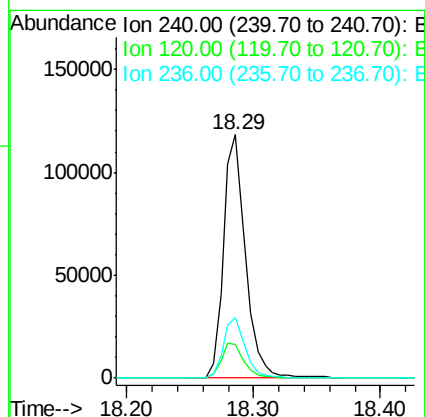
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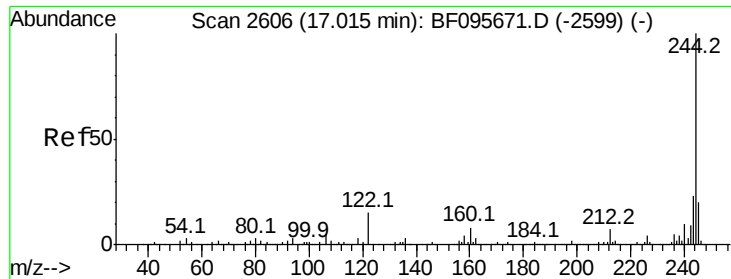
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF096036.D
Acq: 20 Jun 2017 9:35

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	24.9	20.5	30.7





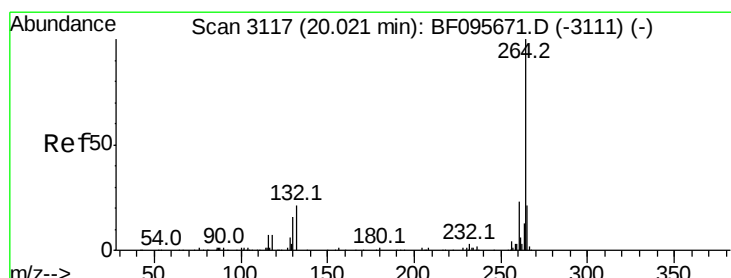
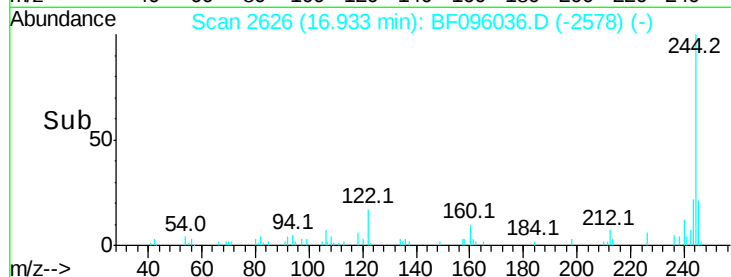
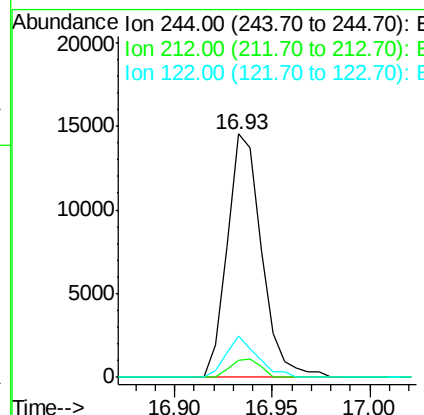
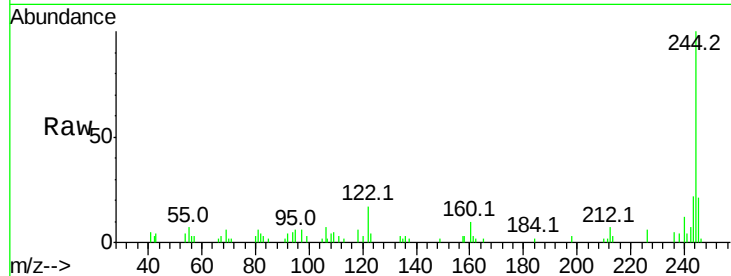
#78
 Terphenyl-d14
 Concen: 3.09 ng
 RT: 16.93 min Scan# 2626
 Delta R.T. -0.02 min
 Lab File: BF096036.D
 Acq: 20 Jun 2017 9:35

Instrument :
 BNA_F
 ClientSampleId :
 G17-0-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	16.8	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: BF096036.D
 Acq: 20 Jun 2017 9:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.7	17.2	25.8

