

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096100.D
 Acq On : 21 Jun 2017 23:36
 Operator : SJ/MA
 Sample : I3736-09 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G18-0-1.5

Manual Integrations
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Quant Time: Jun 22 02:13:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	77502	20.00	ng	0.00
21) Naphthalene-d8	9.33	136	305988	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	119940	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	195877	20.00	ng	0.00
75) Chrysene-d12	18.27	240	159389	20.00	ng	0.00
86) Perylene-d12	19.95	264	110750	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	78987	16.24	ng	0.05
7) Phenol-d6	6.92	99	92604	15.90	ng	0.04
23) Nitrobenzene-d5	8.23	82	60706	12.32	ng	0.01
41) 2,4,6-Tribromophenol	13.46	330	16446	15.50	ng	0.00
44) 2-Fluorobiphenyl	11.10	172	122829	14.25	ng	0.00
78) Terphenyl-d14	16.92	244	91844	14.30	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	10.49	142	46287	4.46	ng	Qvalue 96
70) Phenanthrene	14.58	178	24145	2.14	ng	# 91
74) Fluoranthene	16.37	202	43835	3.92	ng	98
77) Pyrene	16.67	202	47091	3.96	ng	96
82) Chrysene	18.31	228	21198	2.29	ng	# 93
83) Bis(2-ethylhexyl)phthalate	18.34	149	48540	6.63	ng	# 96
87) Benzo(b)fluoranthene	19.55	252	21629m	3.12	ng	

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

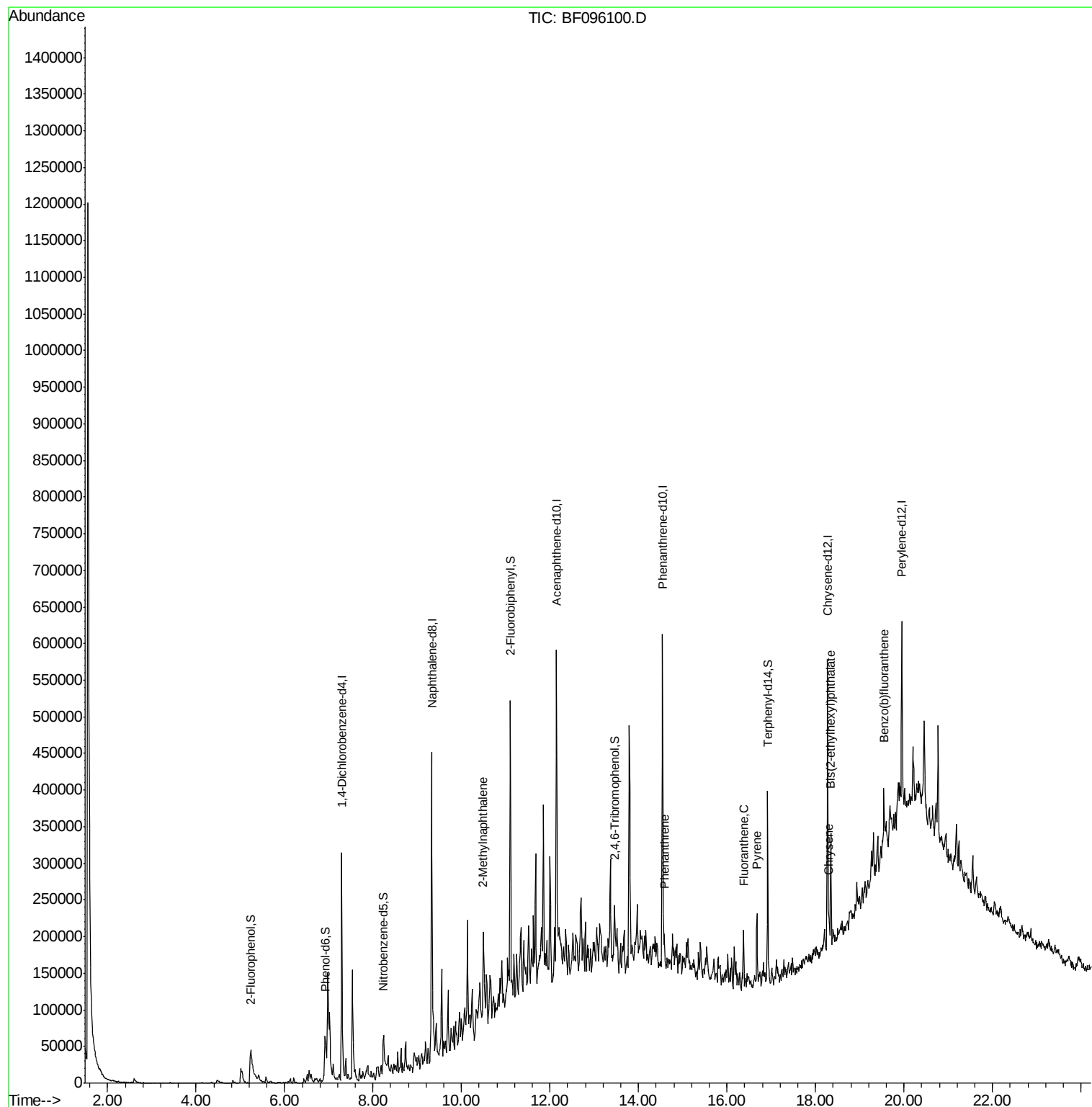
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

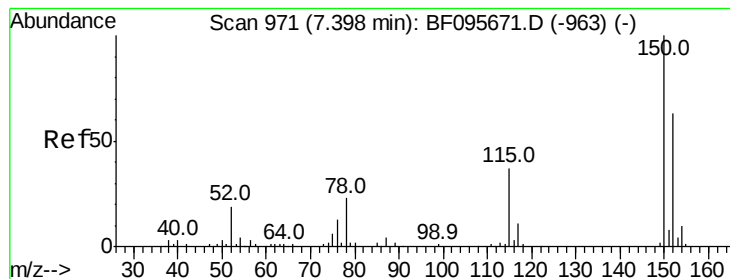
Instrument :
BNA_F
ClientSampleId :
G18-0-1.5

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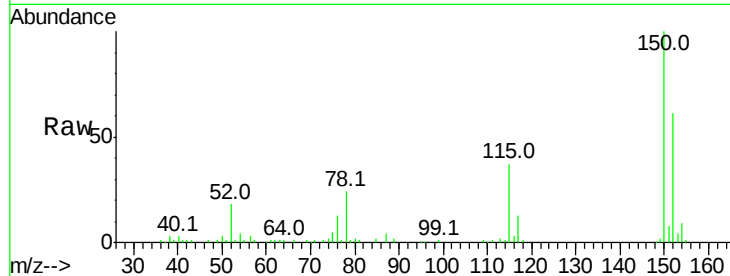
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.29 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF096100.D
 Acq: 21 Jun 2017 23:36

Instrument :
 BNA_F
 ClientSampleID :
 G18-0-1.5

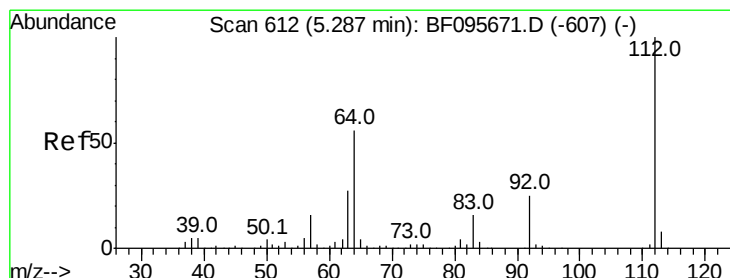
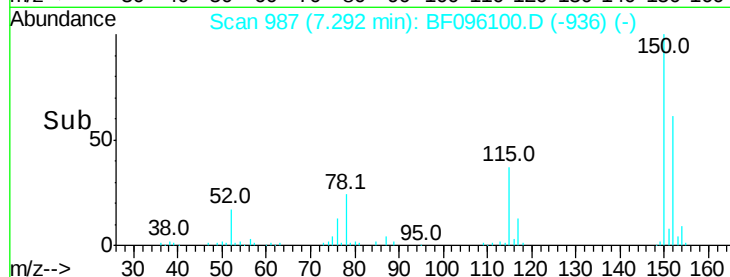
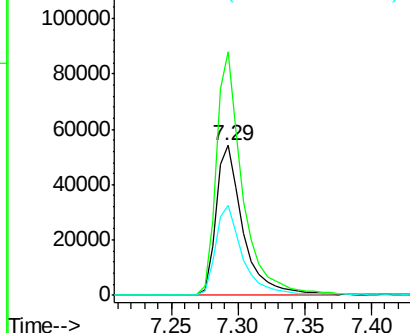
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.7	126.2	189.2
115	60.2	52.2	78.2

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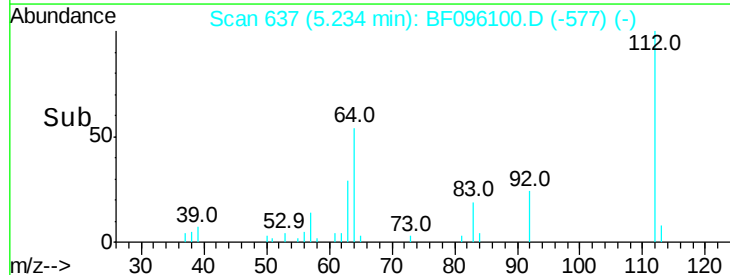
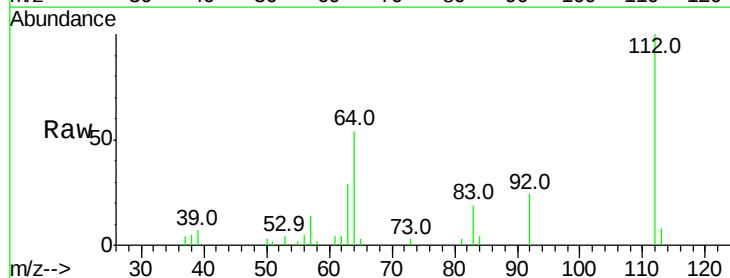
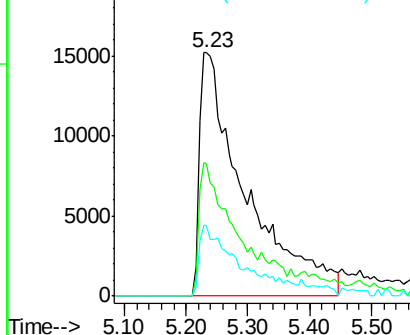
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

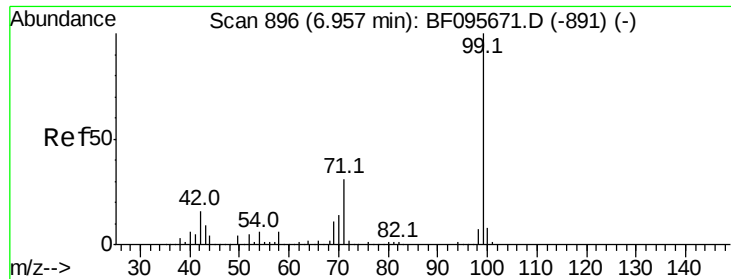


#5
 2-Fluorophenol
 Concen: 16.24 ng
 RT: 5.23 min Scan# 637
 Delta R.T. 0.05 min
 Lab File: BF096100.D
 Acq: 21 Jun 2017 23:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	29.2	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: 15.90 ng

RT: 6.92 min Scan# 923

Delta R.T. 0.04 min

Lab File: BF096100.D

Acq: 21 Jun 2017 23:36

Instrument :

BNA_F

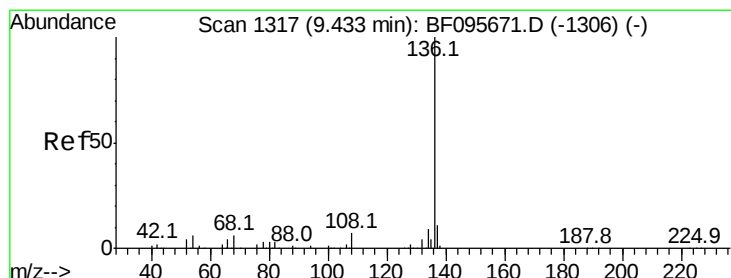
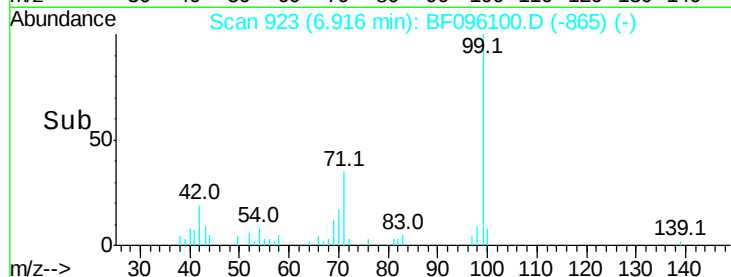
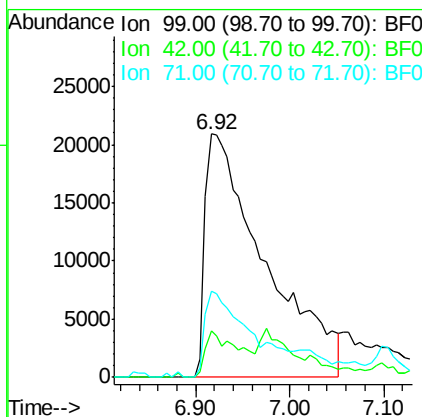
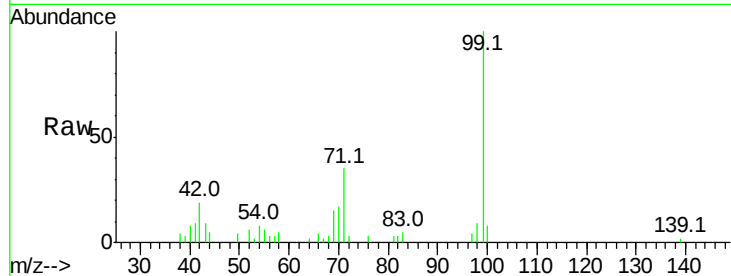
ClientSampleId :

G18-0-1.5

Tot Ion:	99	Resp:	92604
Ion Ratio	Lower	Upper	
99	100		
42	19.0	13.5	20.3
71	35.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

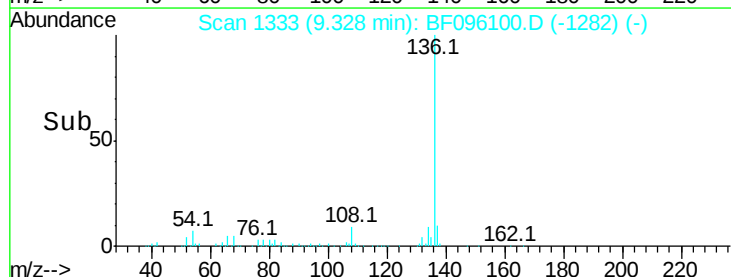
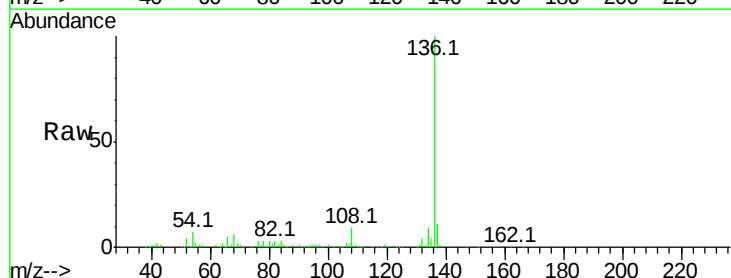
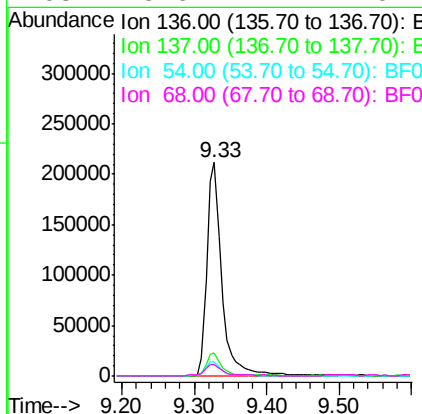
RT: 9.33 min Scan# 1333

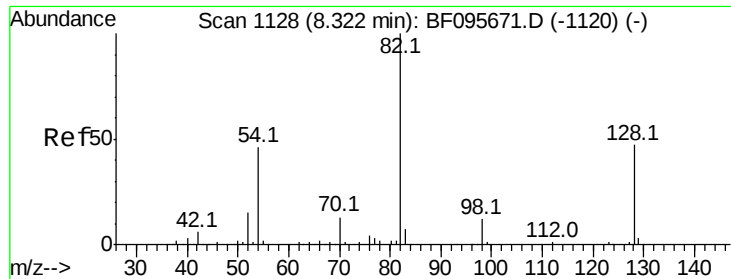
Delta R.T. 0.00 min

Lab File: BF096100.D

Acq: 21 Jun 2017 23:36

Tgt Ion:	136	Resp:	305988
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.8	4.9	7.3
68	5.6	4.1	6.1





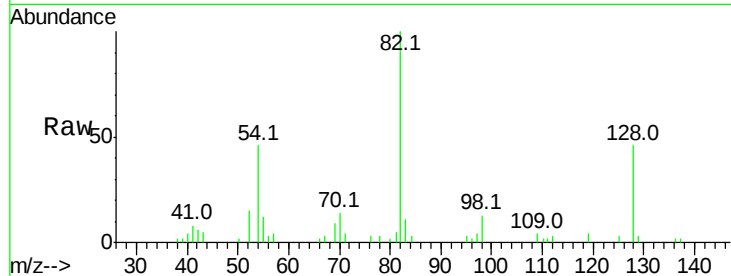
#23
 Nitrobenzene-d5
 Concen: 12.32 ng
 RT: 8.23 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF096100.D
 Acq: 21 Jun 2017 23:36

Instrument :
 BNA_F
 ClientSampled :
 G18-0-1.5

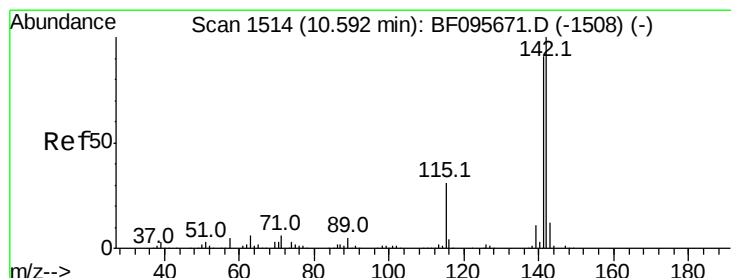
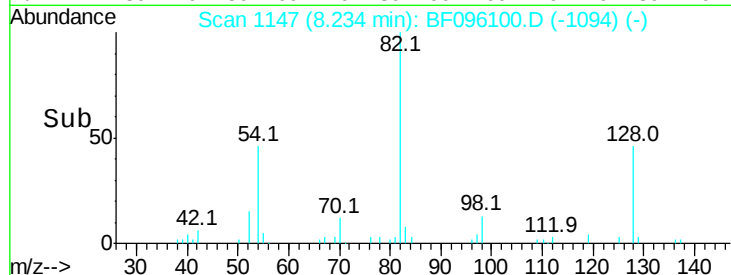
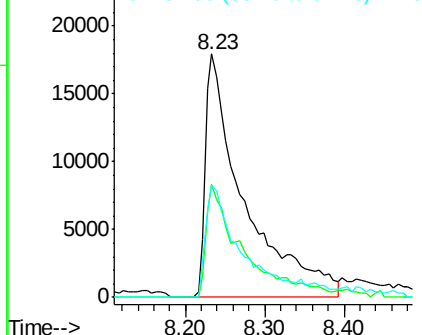
Tot Ion	Ratio	Resp	Lower	Upper
82	100	60706		
128	46.4		34.0	51.0
54	45.7		42.2	63.2

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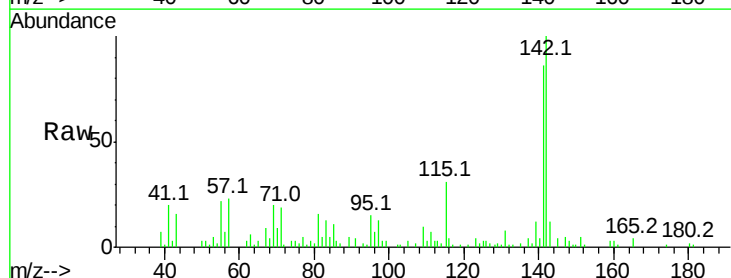


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

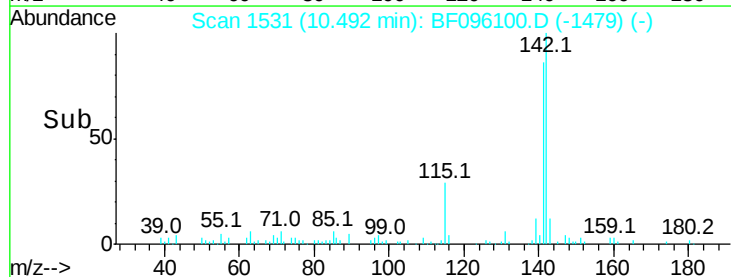
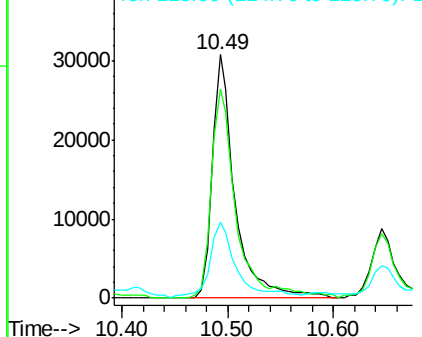


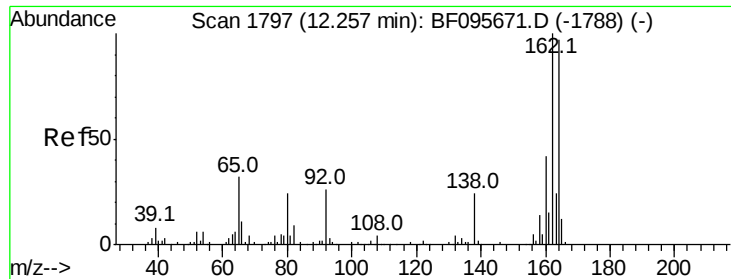
#37
 2-Methylnaphthalene
 Concen: 4.46 ng
 RT: 10.49 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: BF096100.D
 Acq: 21 Jun 2017 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	46287		
141	85.7		71.3	106.9
115	31.1		27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): B
 Ion 141.00 (140.70 to 141.70): B
 Ion 115.00 (114.70 to 115.70): B





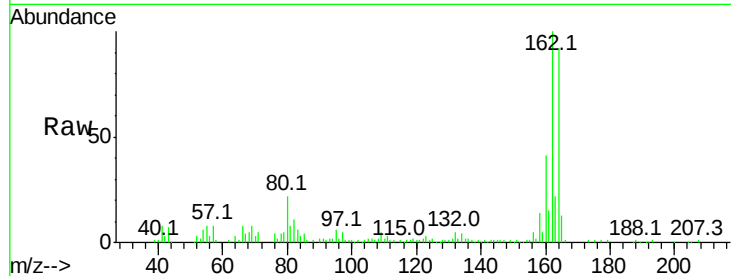
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.15 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096100.D
Acq: 21 Jun 2017 23:36

Instrument :
BNA_F
ClientSampled :
G18-0-1.5

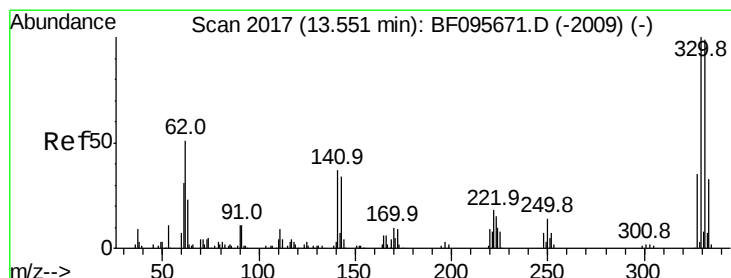
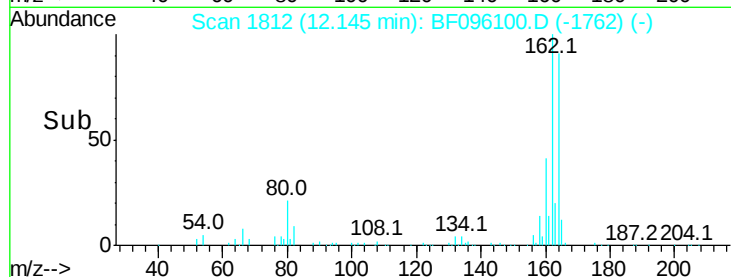
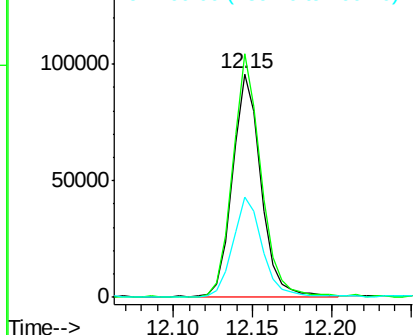
Tot Ion	Ratio	Resp	Lower	Upper
164	100	119940		
162	108.9	82.6	123.8	
160	44.8	36.2	54.2	

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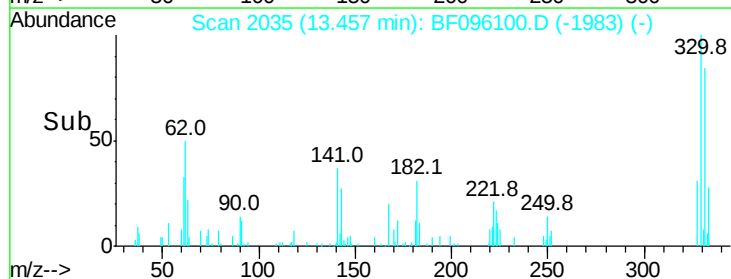
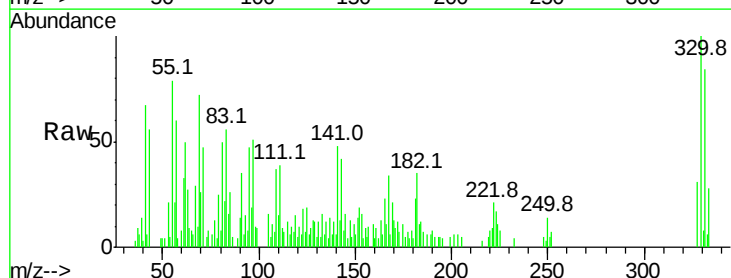
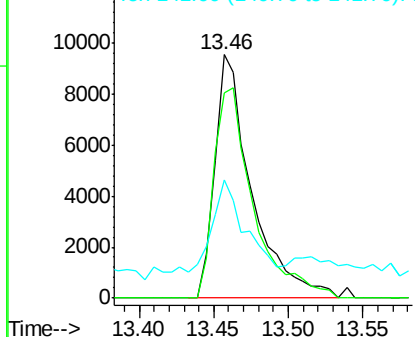
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

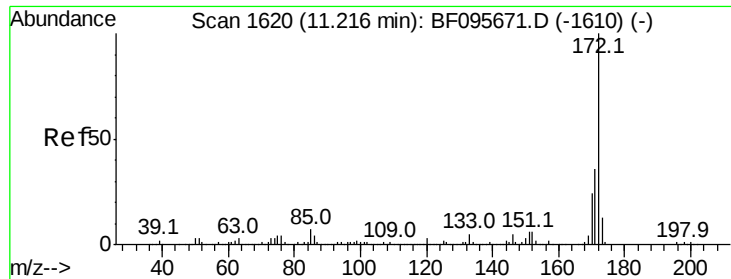


#41
2,4,6-Tribromophenol
Concen: 15.50 ng
RT: 13.46 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF096100.D
Acq: 21 Jun 2017 23:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	16446		
332	92.8	76.6	115.0	
141	32.6	31.4	47.2	

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





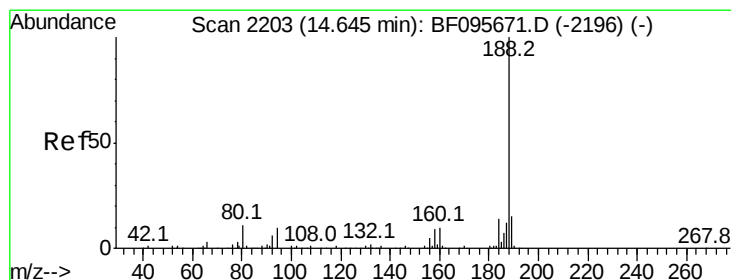
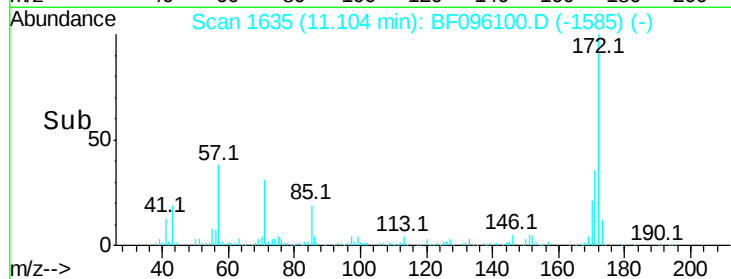
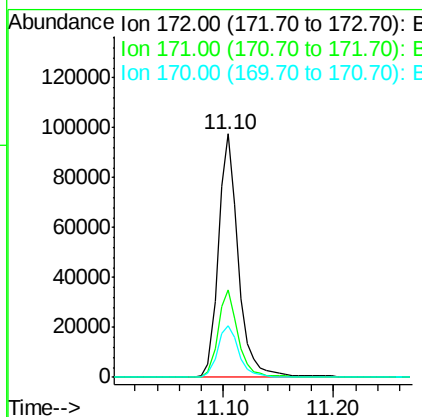
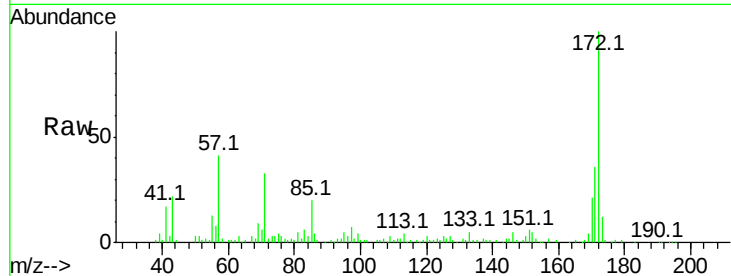
#44
2-Fluorobiphenyl
Concen: 14.25 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096100.D
Acq: 21 Jun 2017 23:36

Instrument :
BNA_F
ClientSampleId :
G18-0-1.5

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	21.2	19.8	29.8

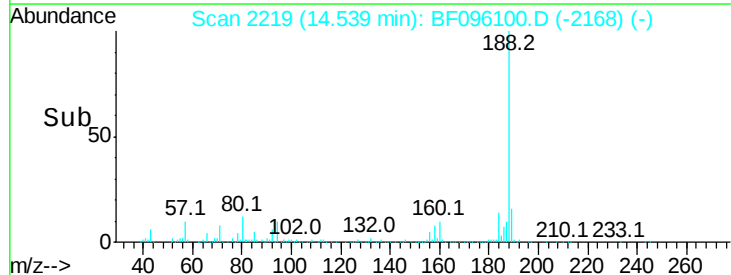
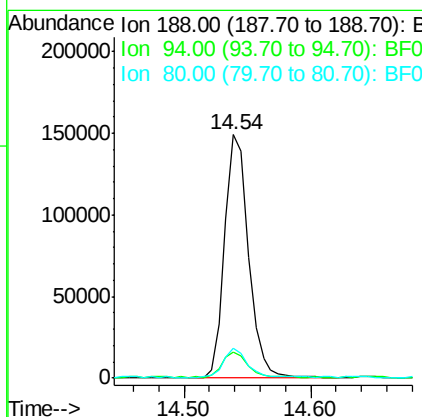
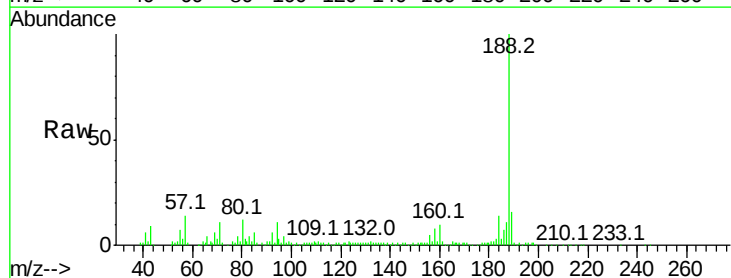
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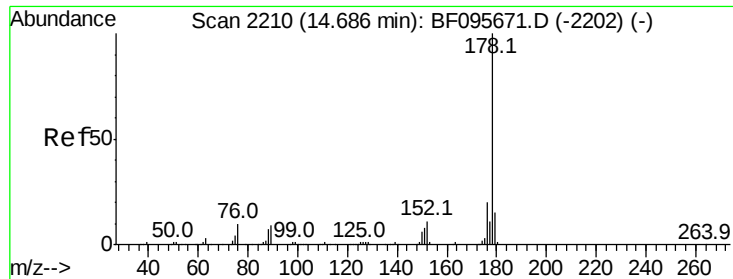
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096100.D
Acq: 21 Jun 2017 23:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	12.1	10.2	15.2





#70

Phenanthrene

Concen: 2.14 ng

RT: 14.58 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BF096100.D

Acq: 21 Jun 2017 23:36

Instrument :

BNA_F

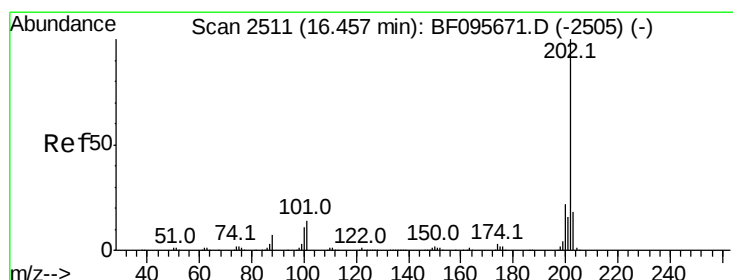
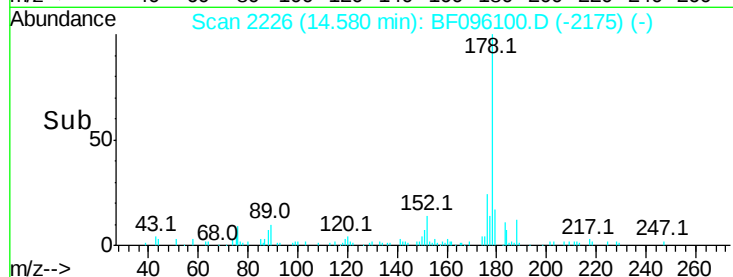
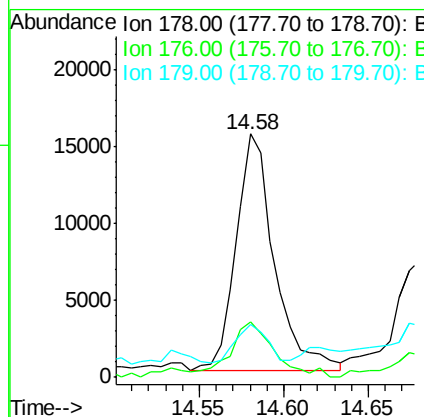
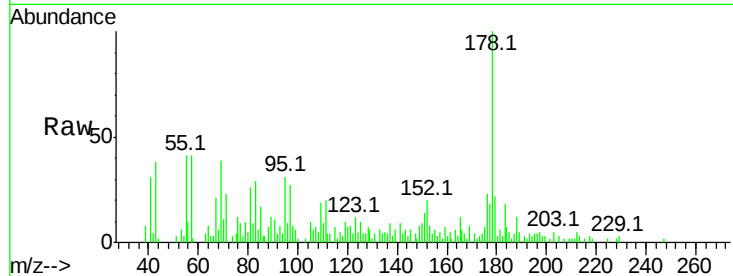
ClientSampleId :

G18-0-1.5

Tot Ion:	178	Resp:	24145
Ion Ratio	Lower	Upper	
178	100		
176	22.7	16.2	24.4
179	21.6	12.6	19.0

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#74

Fluoranthene

Concen: 3.92 ng

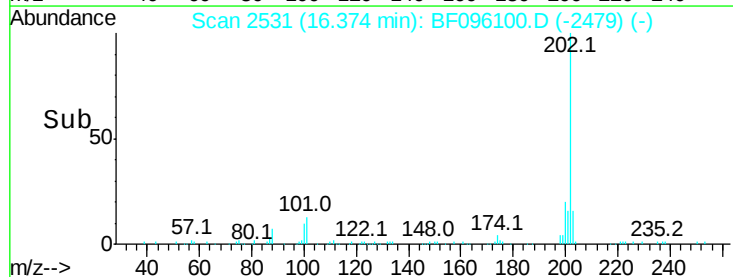
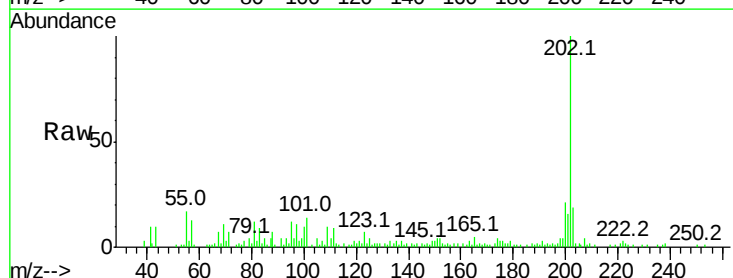
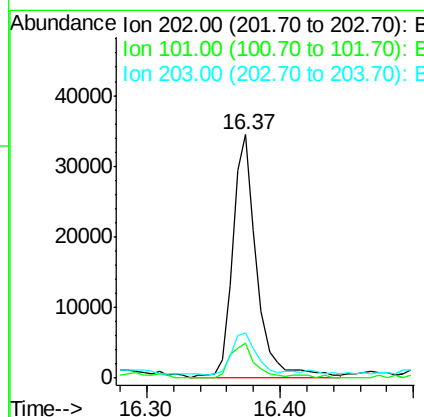
RT: 16.37 min Scan# 2531

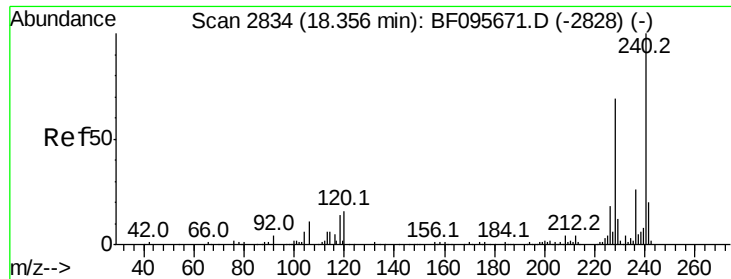
Delta R.T. 0.01 min

Lab File: BF096100.D

Acq: 21 Jun 2017 23:36

Tgt Ion:	202	Resp:	43835
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	33.2
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BF096100.D

Acq: 21 Jun 2017 23:36

Instrument :

BNA_F

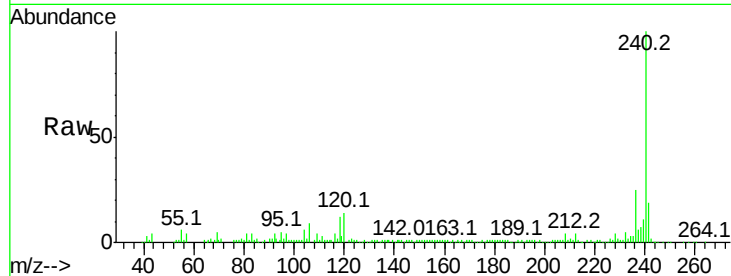
ClientSampleId :

G18-0-1.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.3	20.5	30.7

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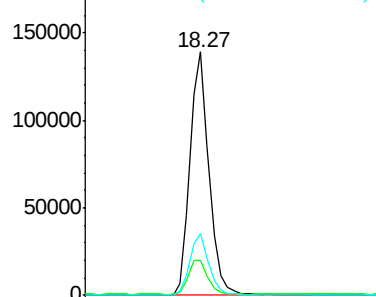
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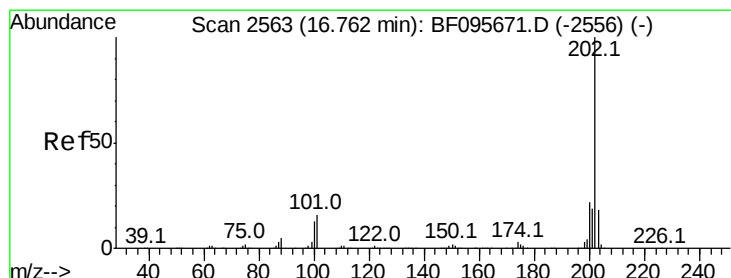
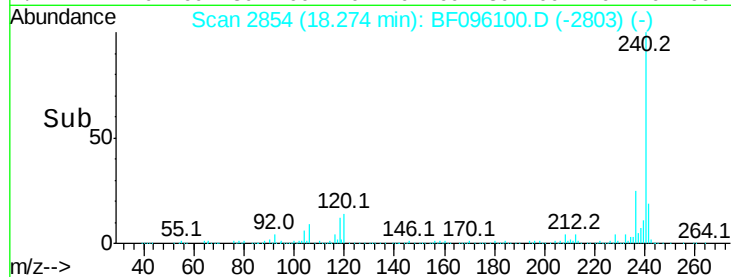
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Pyrene

Concen: 3.96 ng

RT: 16.67 min Scan# 2582

Delta R.T. 0.01 min

Lab File: BF096100.D

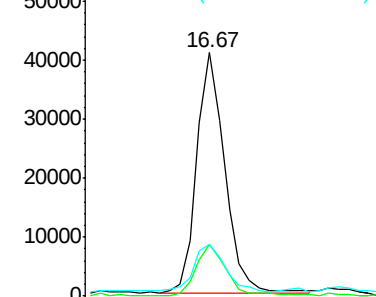
Acq: 21 Jun 2017 23:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	21.5	14.4	21.6

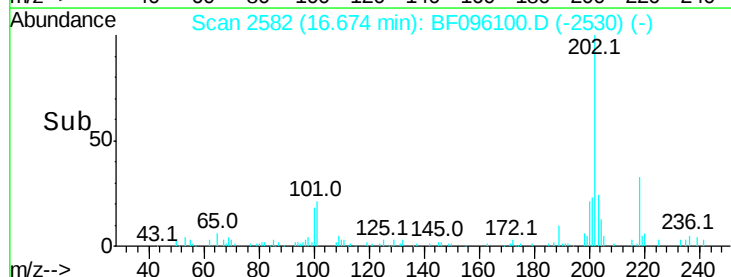
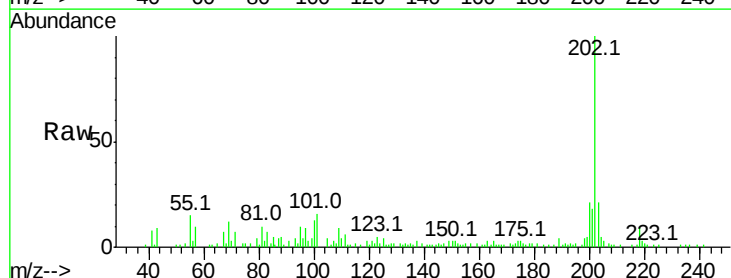
Abundance Ion 202.00 (201.70 to 202.70): E

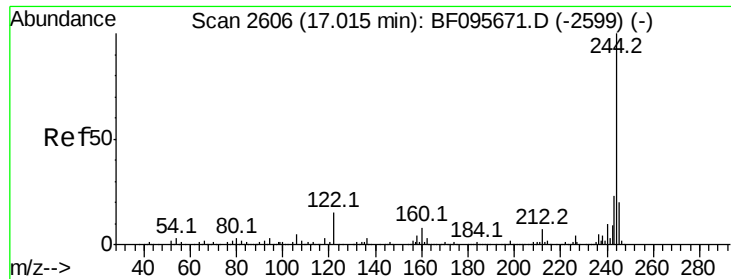
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





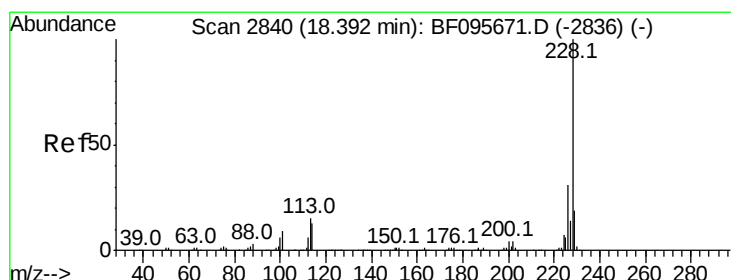
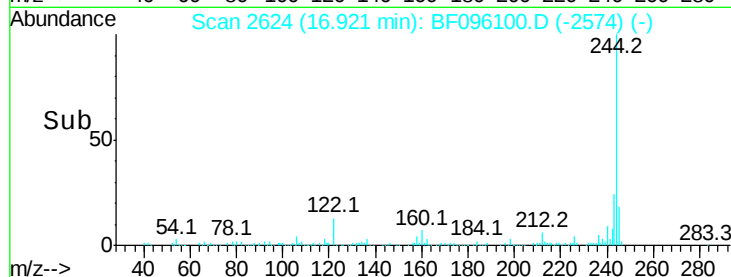
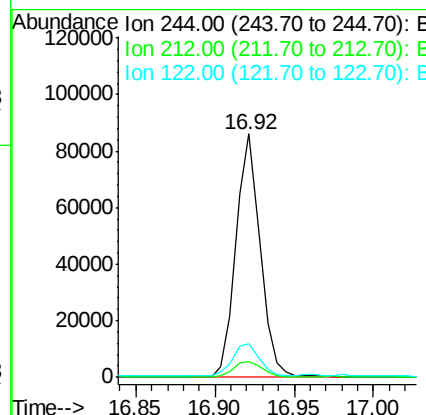
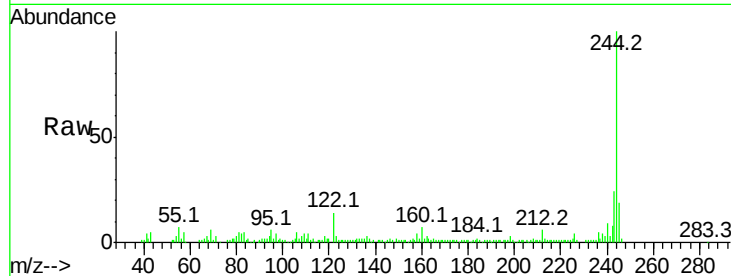
#78
 Terphenyl-d14
 Concen: 14.30 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096100.D
 Acq: 21 Jun 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 G18-0-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	13.9	10.3	15.5

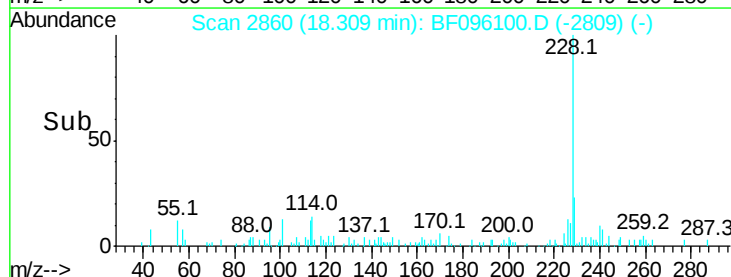
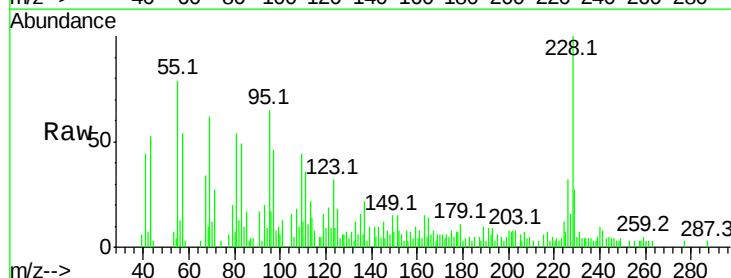
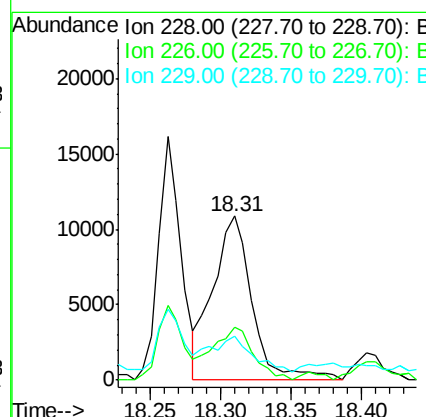
Manual Integrations
 APPROVED

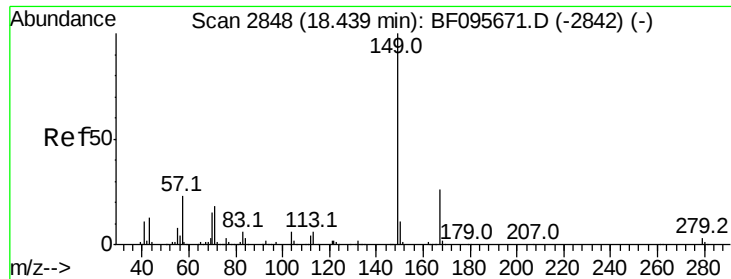
mohammad
 6/22/2017 6:02:39 PM



#82
 Chrysene
 Concen: 2.29 ng
 RT: 18.31 min Scan# 2860
 Delta R.T. 0.00 min
 Lab File: BF096100.D
 Acq: 21 Jun 2017 23:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	26.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.63 ng

RT: 18.34 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BF096100.D

Acq: 21 Jun 2017 23:36

Instrument :

BNA_F

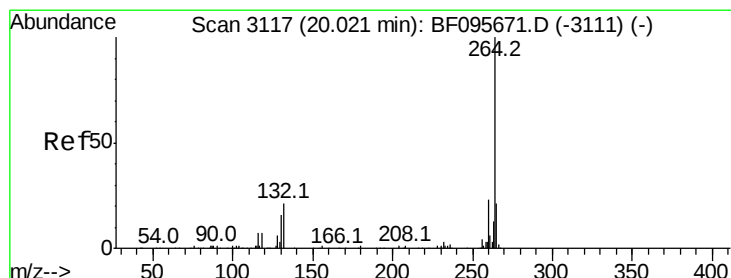
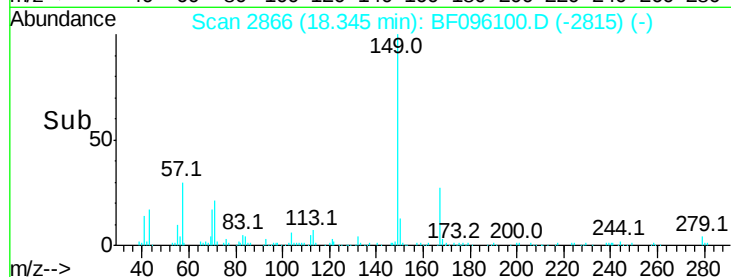
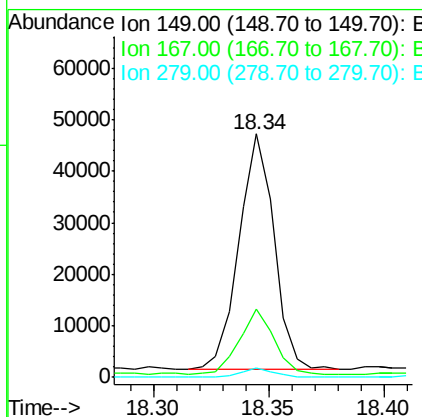
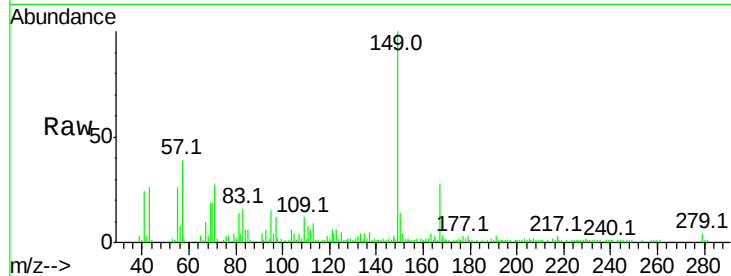
ClientSampleId :

G18-0-1.5

Tot Ion:	149	Resp:	48540
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.0	31.4
279	3.6	1.9	2.9#

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#86

Perylene-d12

Concen: 20.00 ng

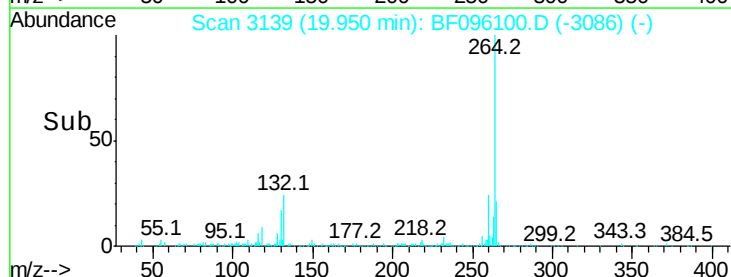
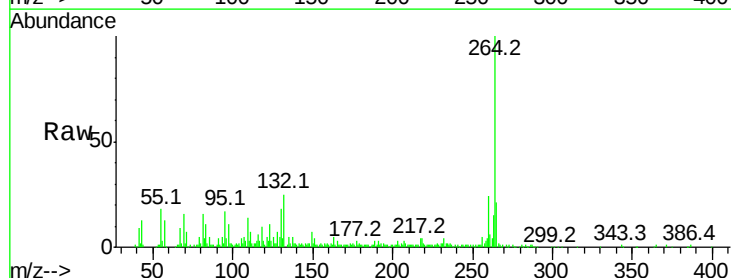
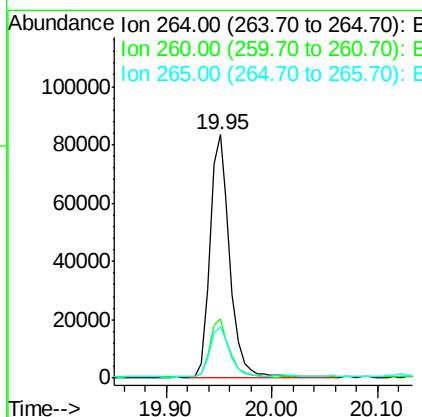
RT: 19.95 min Scan# 3139

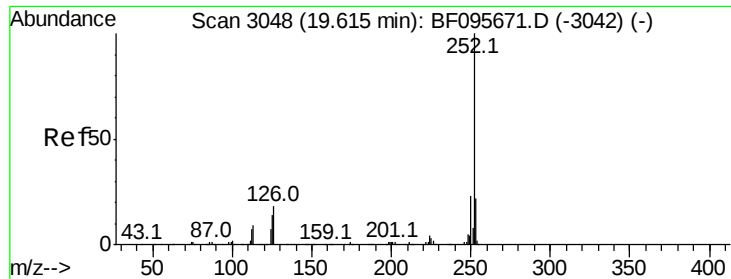
Delta R.T. 0.01 min

Lab File: BF096100.D

Acq: 21 Jun 2017 23:36

Tgt Ion:	264	Resp:	110750
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.2	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 3.12 ng m
 RT: 19.55 min Scan# 3071
 Delta R.T. 0.01 min
 Lab File: BF096100.D
 Acq: 21 Jun 2017 23:36

Instrument :
 BNA_F
 ClientSampleId :
 G18-0-1.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	31.2	9.8	14.8

Manual Integrations
 APPROVED

mohammad
 6/22/2017 6:02:39 PM

