

Data File : BF096033.D
Acq On : 20 Jun 2017 7:57
Operator : SJ/MA
Sample : I3688-02 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G23-1.5-3

Manual Integrations
APPROVED
mohammad
6/20/2017 4:29:52 PM

Quant Time: Jun 20 13:25:31 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	63736	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	244609	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	95119	20.00	ng	-0.02
63) Phenanthrene-d10	14.56	188	155402	20.00	ng	-0.01
75) Chrysene-d12	18.29	240	128506	20.00	ng	-0.01
86) Perylene-d12	19.96	264	94660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	62165	15.54	ng	0.03
7) Phenol-d6	6.94	99	77301	16.14	ng	0.03
23) Nitrobenzene-d5	8.25	82	39639	10.06	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	12354	14.68	ng	0.00
44) 2-Fluorobiphenyl	11.12	172	99049	14.49	ng	-0.02
78) Terphenyl-d14	16.93	244	77140	14.90	ng	-0.02
Target Compounds						Qvalue
74) Fluoranthene	16.39	202	29843	3.36	ng	97
77) Pyrene	16.69	202	29504	3.08	ng	93
80) Benzo(a)anthracene	18.27	228	15571	2.08	ng	# 93
82) Chrysene	18.32	228	16956	2.27	ng	# 87
87) Benzo(b)fluoranthene	19.56	252	19820m	3.34	ng	

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

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BNA_F

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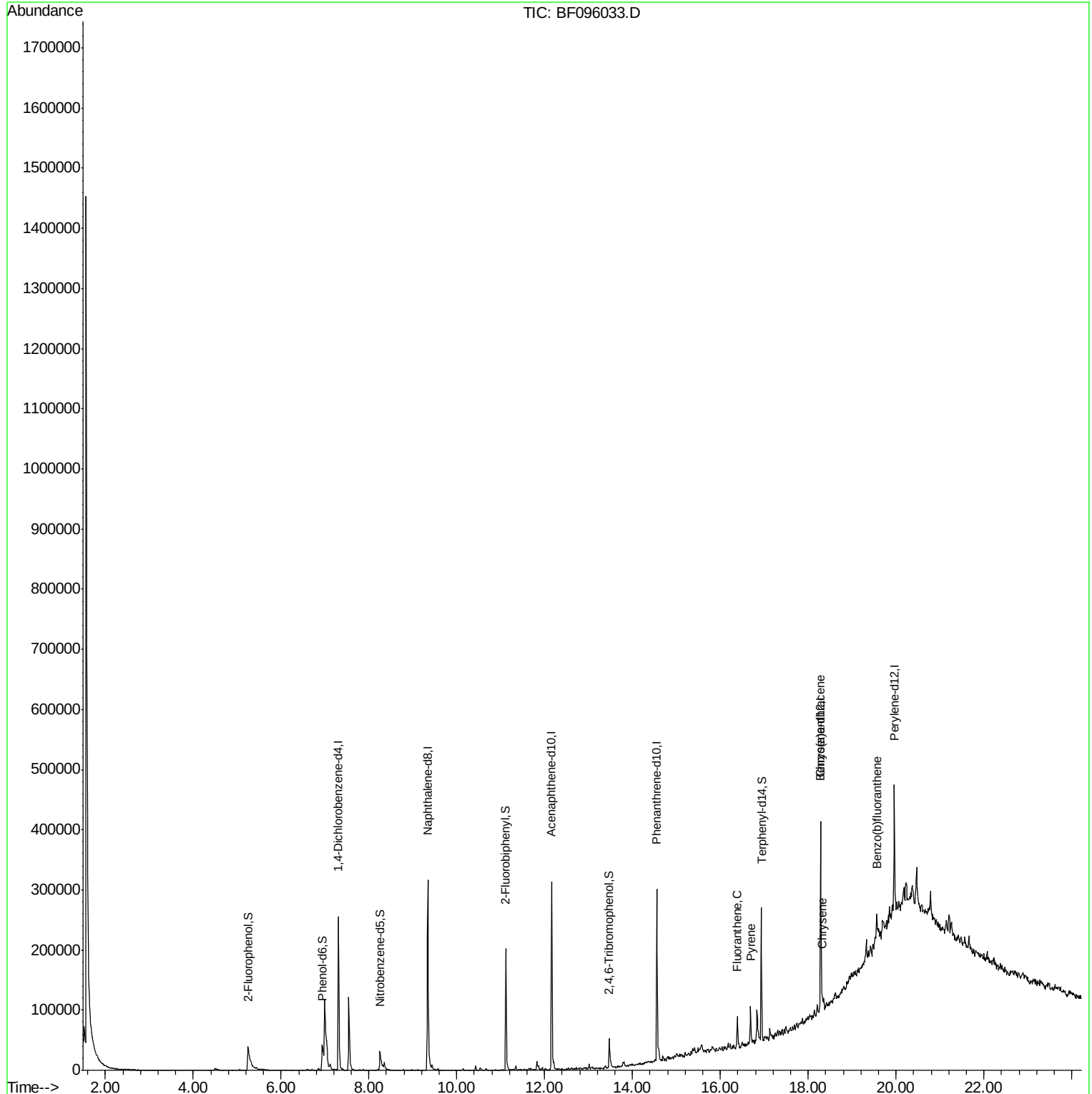
Quant Time: Jun 20 13:25:31 2017

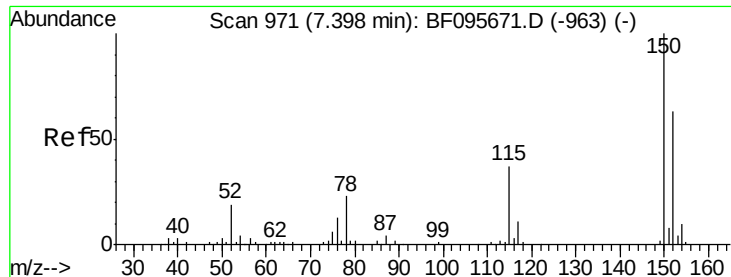
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 16 17:12:03 2017

Response via : Initial Calibration





#1

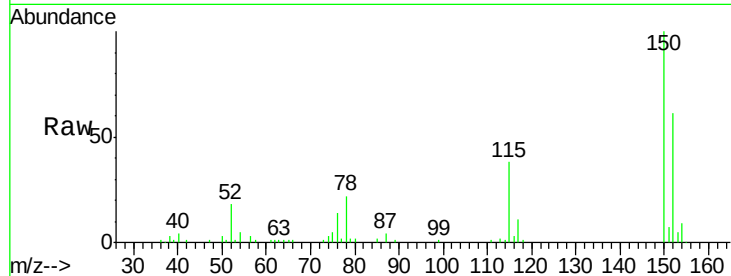
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096033.D
Acq: 20 Jun 2017 7:57

Instrument :
BNA_F
ClientSampleId :
G23-1.5-3

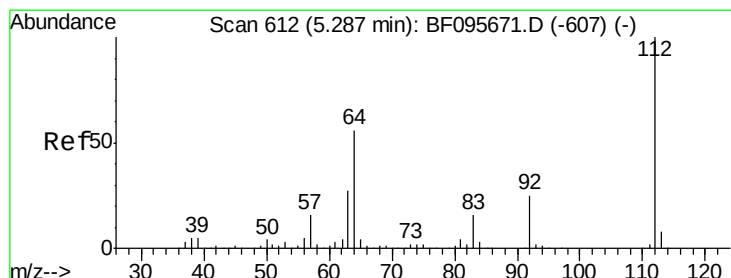
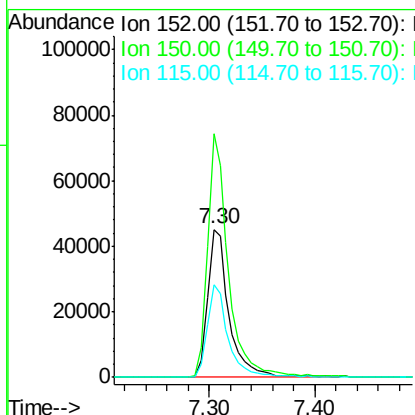
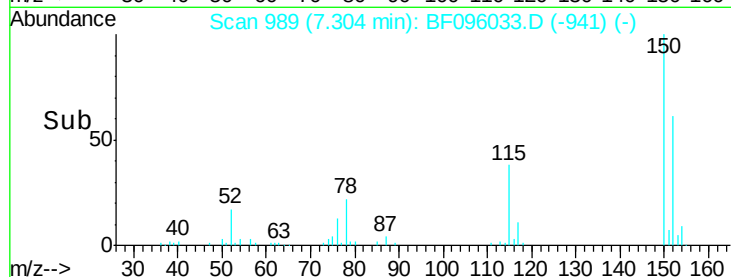
Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.7	126.2	189.2
115	62.6	52.2	78.2

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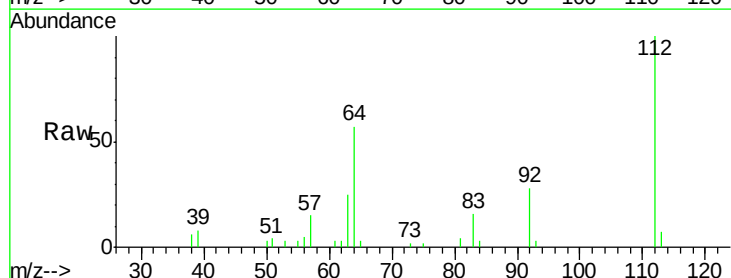
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



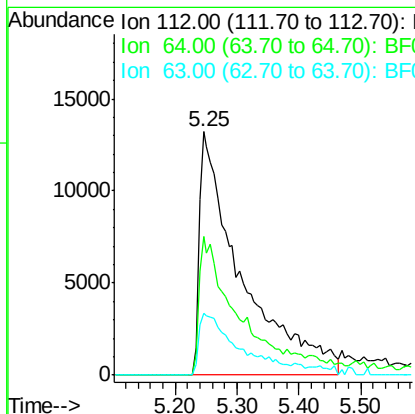
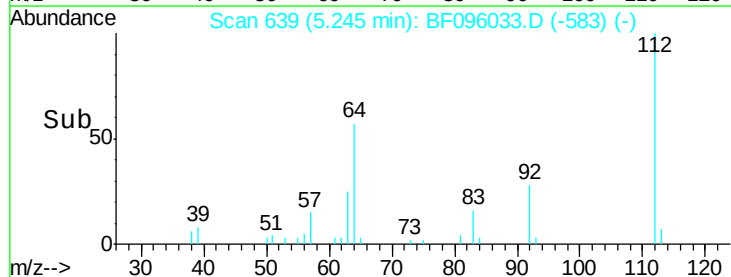
#5

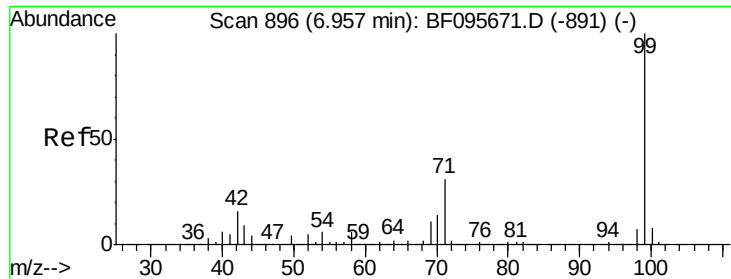
2-Fluorophenol
Concen: 15.54 ng
RT: 5.25 min Scan# 639
Delta R.T. 0.03 min
Lab File: BF096033.D
Acq: 20 Jun 2017 7:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.0	69.0
63	25.2	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: 16.14 ng

RT: 6.94 min Scan# 927

Delta R.T. 0.03 min

Lab File: BF096033.D

Acq: 20 Jun 2017 7:57

Instrument :

BNA_F

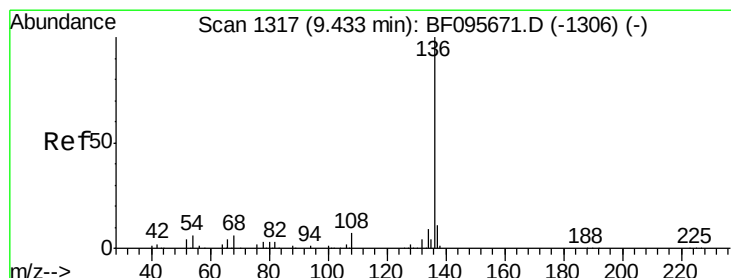
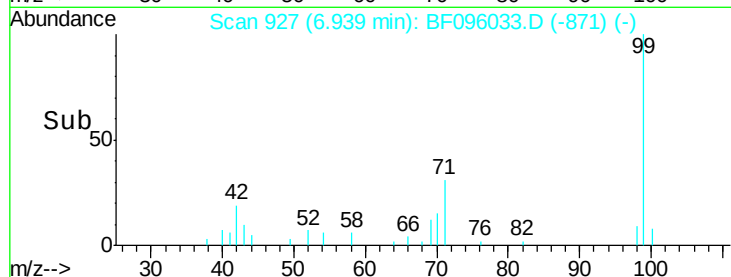
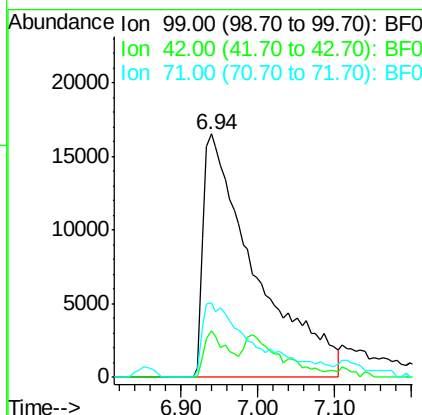
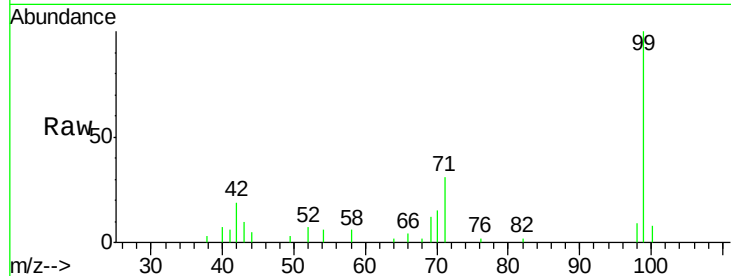
ClientSampleId :

G23-1.5-3

Tgt Ion:	99	Resp:	77301
Ion Ratio	Lower	Upper	
99	100		
42	19.0	13.5	20.3
71	30.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

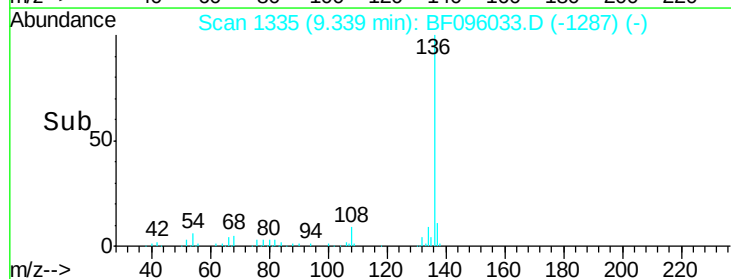
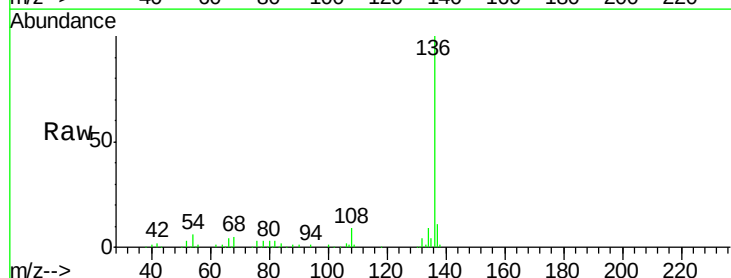
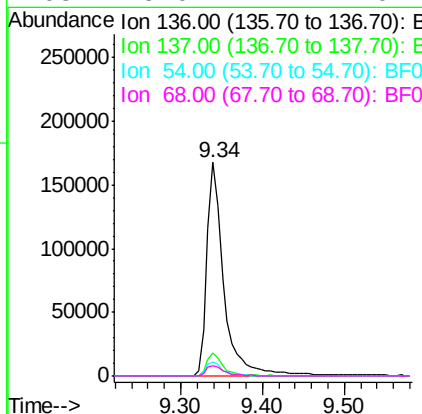
RT: 9.34 min Scan# 1335

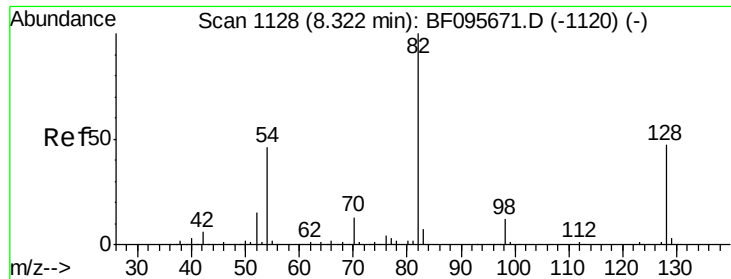
Delta R.T. -0.02 min

Lab File: BF096033.D

Acq: 20 Jun 2017 7:57

Tgt Ion:	136	Resp:	244609
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	6.5	4.9	7.3
68	5.0	4.1	6.1





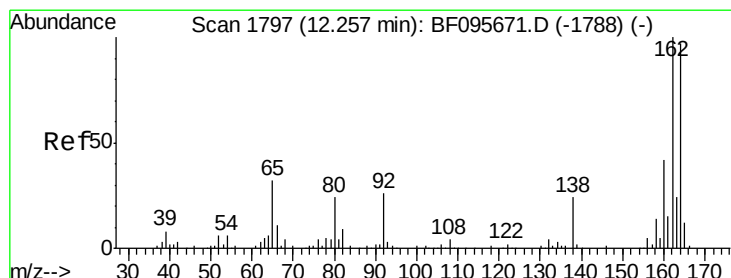
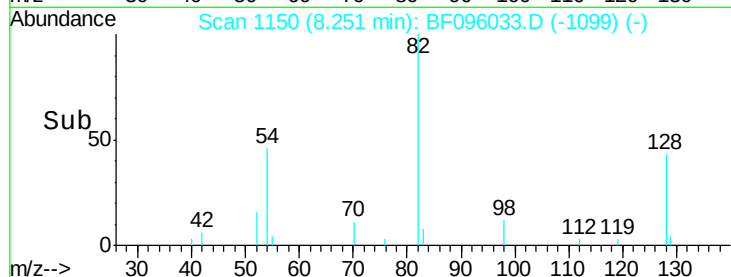
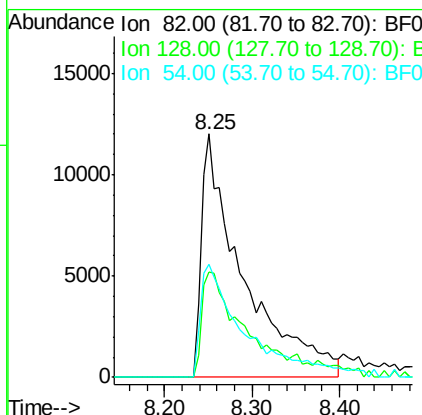
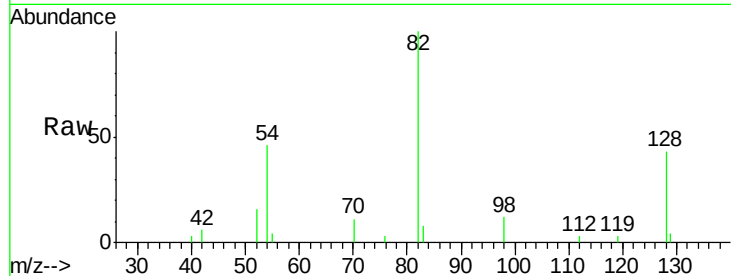
#23
 Nitrobenzene-d5
 Concen: 10.06 ng
 RT: 8.25 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF096033.D
 Acq: 20 Jun 2017 7:57

Instrument :
 BNA_F
 ClientSampleId :
 G23-1.5-3

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	46.4	42.2	63.2

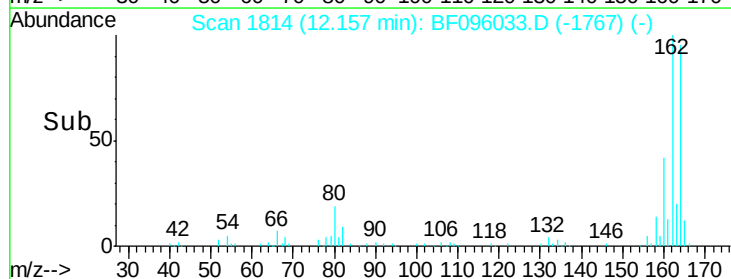
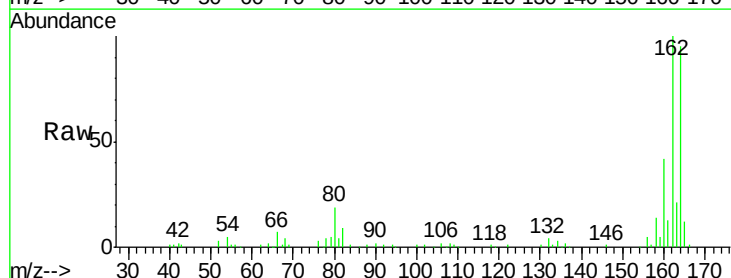
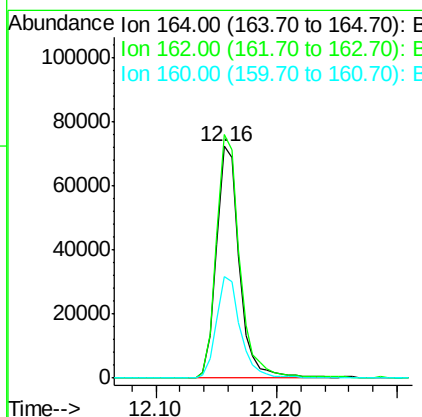
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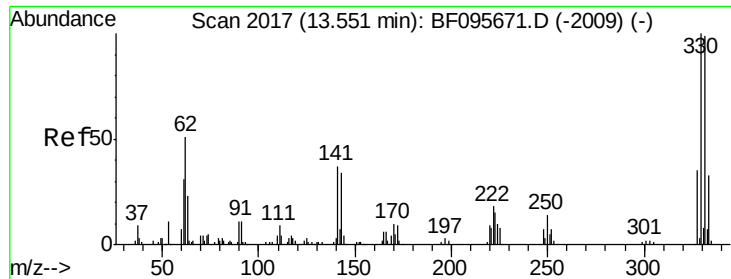
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.16 min Scan# 1814
 Delta R.T. -0.02 min
 Lab File: BF096033.D
 Acq: 20 Jun 2017 7:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	44.0	36.2	54.2





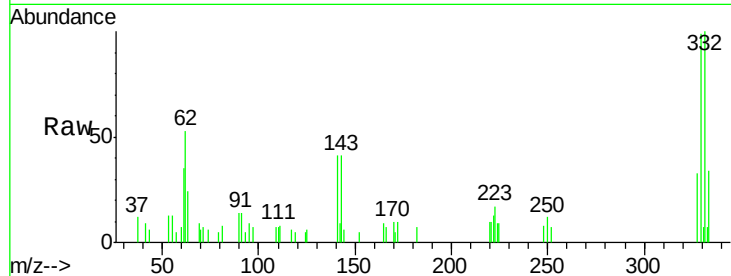
#41
 2,4,6-Tribromophenol
 Concen: 14.68 ng
 RT: 13.47 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF096033.D
 Acq: 20 Jun 2017 7:57

Instrument :
 BNA_F
 ClientSampleId :
 G23-1.5-3

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	12354		
332	96.2	76.6	115.0	
141	41.2	31.4	47.2	

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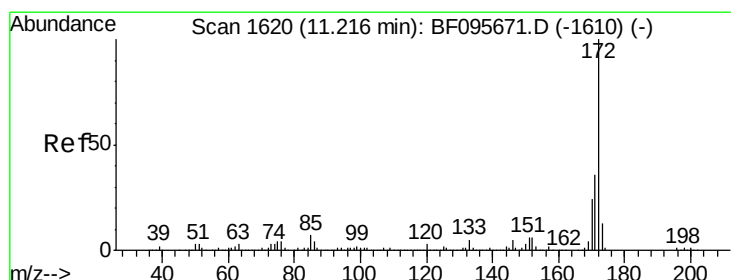
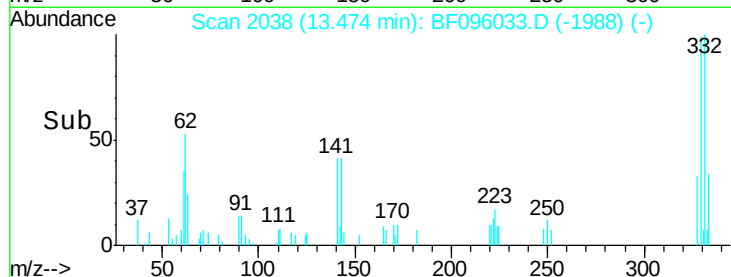
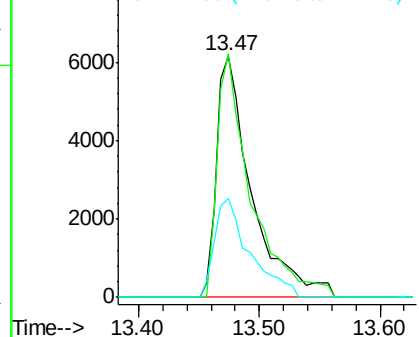


Abundance

Ion 329.80 (329.50 to 330.50): E

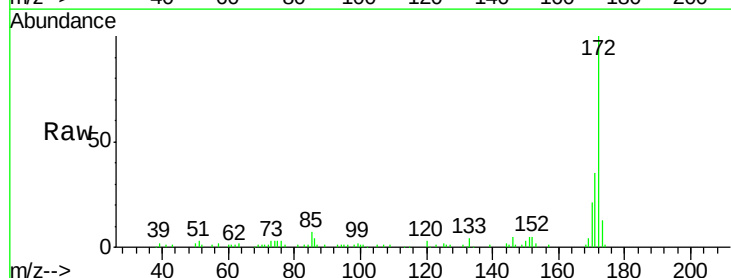
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 14.49 ng
 RT: 11.12 min Scan# 1637
 Delta R.T. -0.02 min
 Lab File: BF096033.D
 Acq: 20 Jun 2017 7:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	99049		
171	34.8	29.6	44.4	
170	21.4	19.8	29.8	

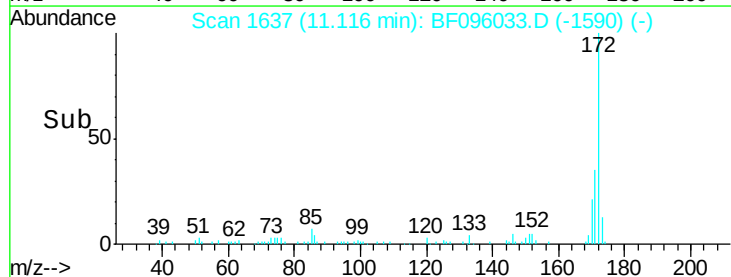
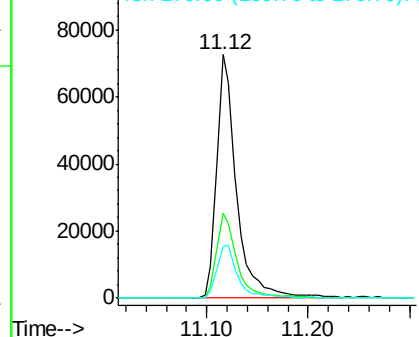


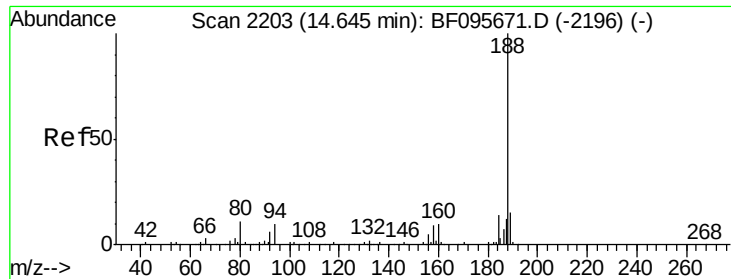
Abundance

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





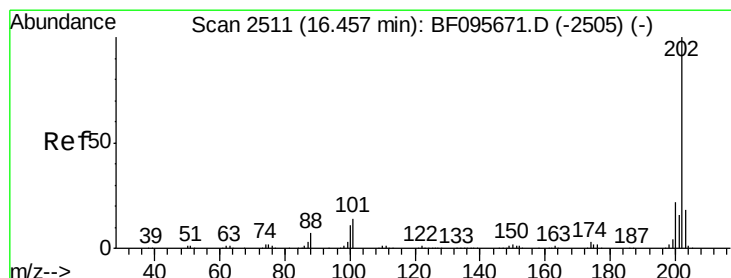
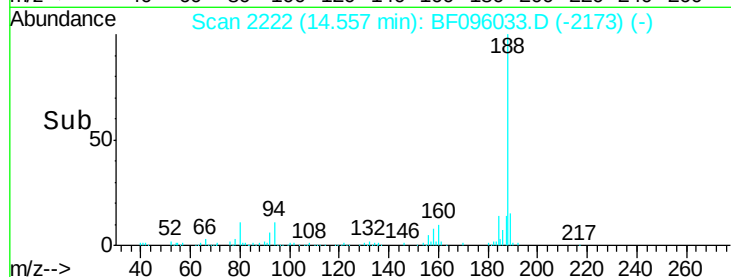
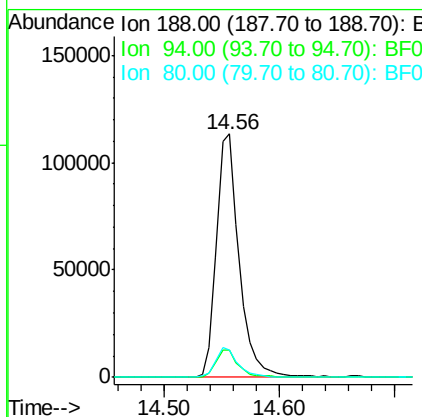
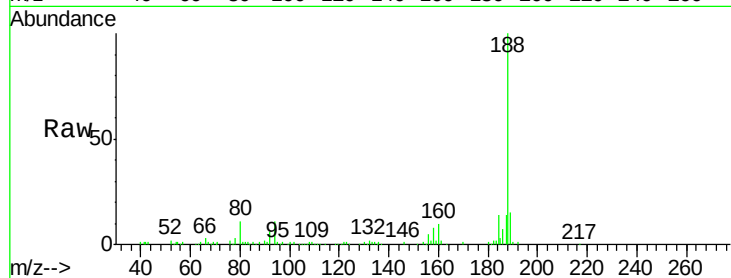
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF096033.D
Acq: 20 Jun 2017 7:57

Instrument :
BNA_F
ClientSampleId :
G23-1.5-3

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	155402		
94	11.0		9.4	14.2
80	11.3		10.2	15.2

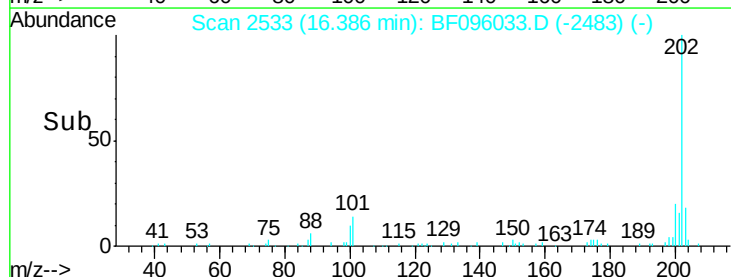
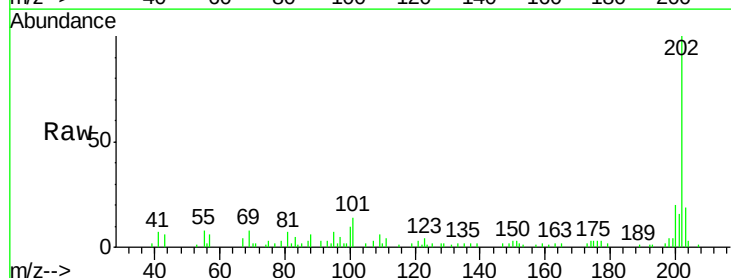
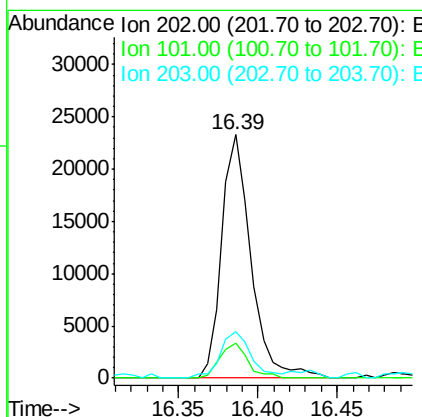
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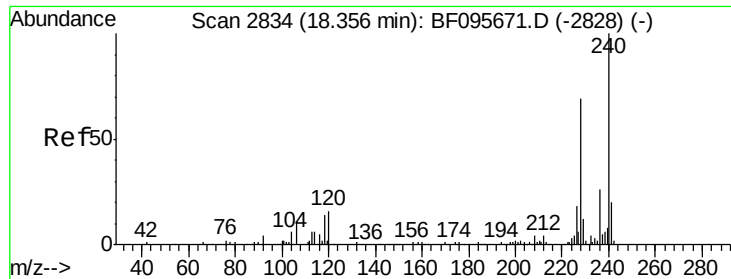
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#74
Fluoranthene
Concen: 3.36 ng
RT: 16.39 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF096033.D
Acq: 20 Jun 2017 7:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	29843		
101	14.1		0.0	33.2
203	19.4		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BF096033.D

Acq: 20 Jun 2017 7:57

Instrument :

BNA_F

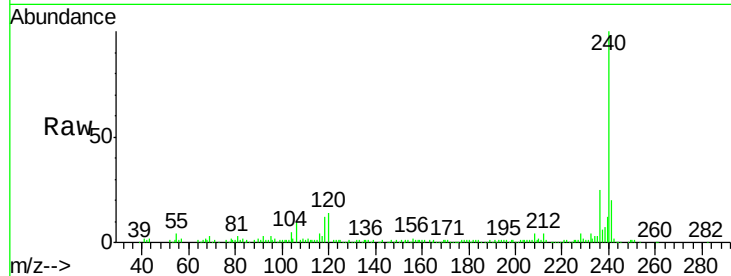
ClientSampled :

G23-1.5-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.1	5.8	8.8#
236	25.5	20.5	30.7

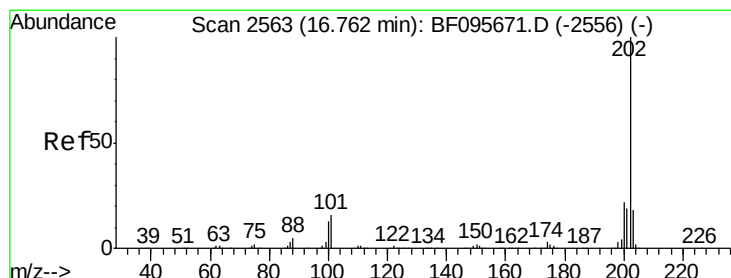
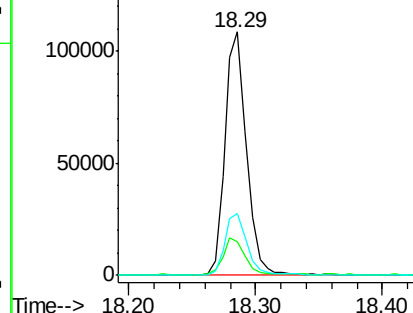
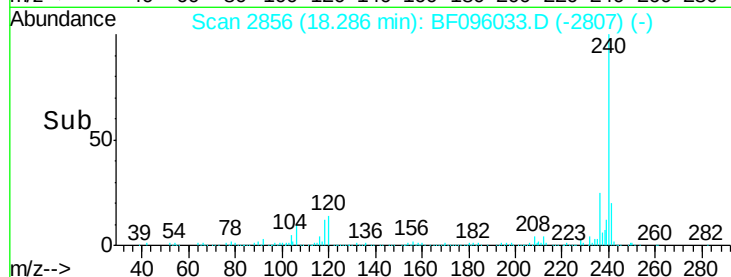
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

18.29



#77

Pyrene

Concen: 3.08 ng

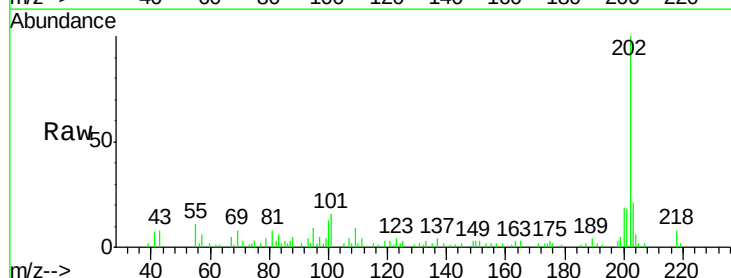
RT: 16.69 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BF096033.D

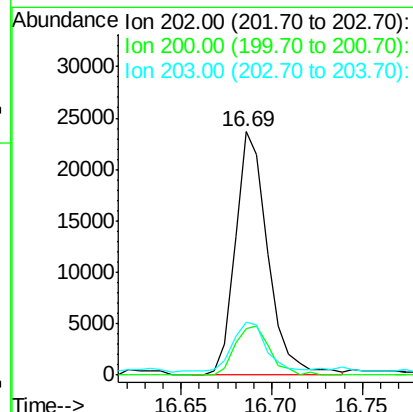
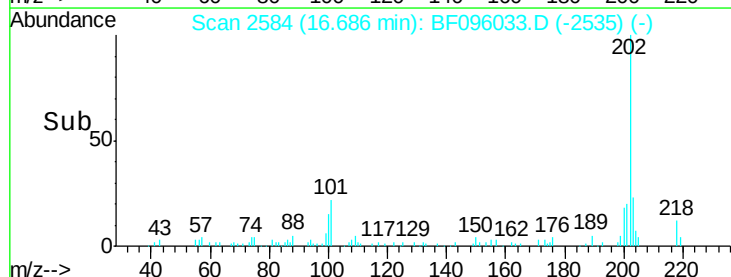
Acq: 20 Jun 2017 7:57

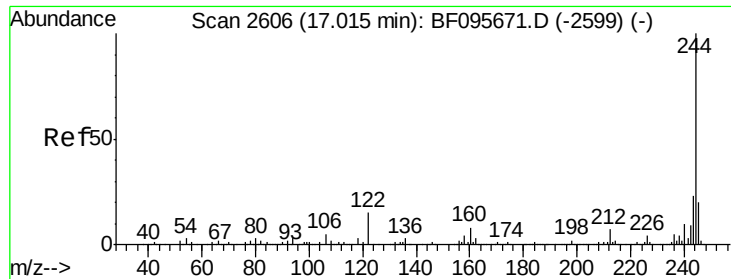
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.0	17.6	26.4
203	21.5	14.4	21.6



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

16.69





#78

Terphenyl-d14

Concen: 14.90 ng

RT: 16.93 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BF096033.D

Acq: 20 Jun 2017 7:57

Instrument :

BNA_F

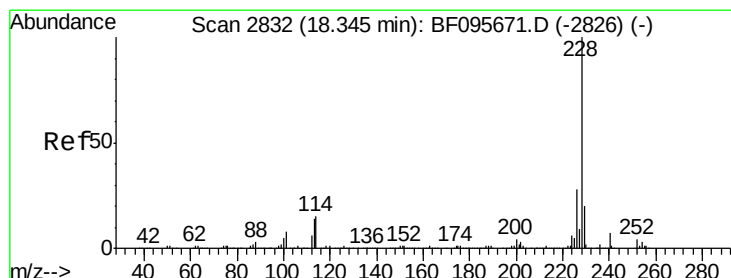
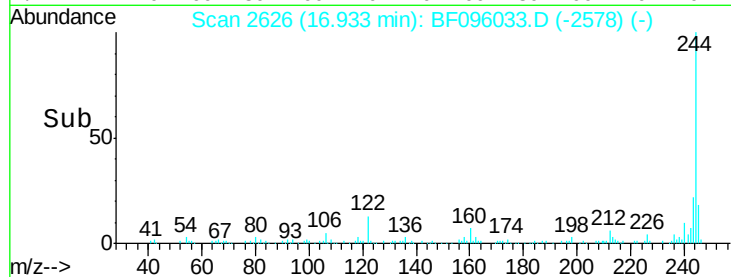
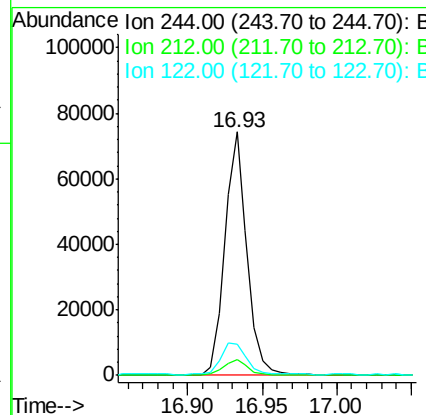
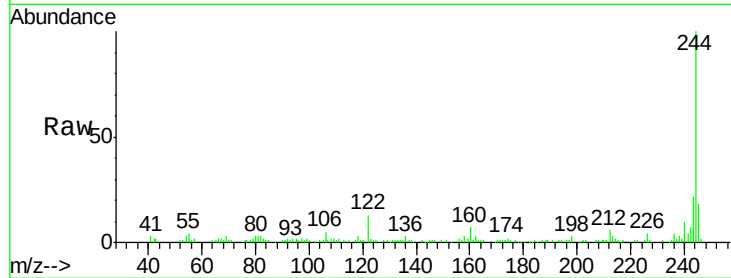
ClientSampleId :

G23-1.5-3

Tgt Ion:	244	Resp:	77140
Ion Ratio	Lower	Upper	
244	100		
212	6.3	6.0	9.0
122	12.7	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 2.08 ng

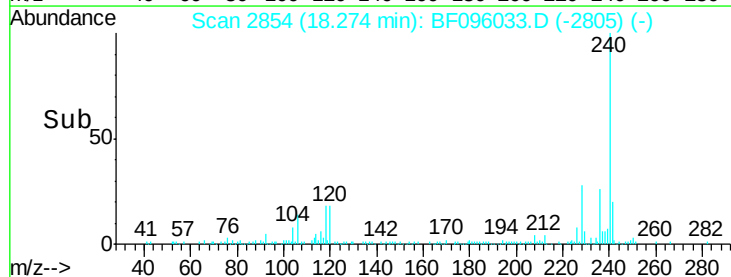
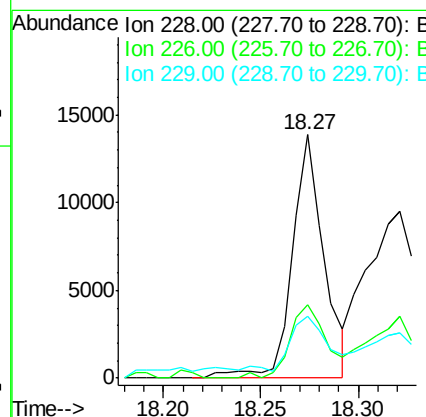
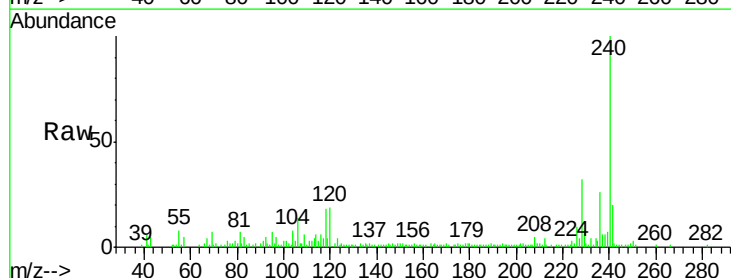
RT: 18.27 min Scan# 2854

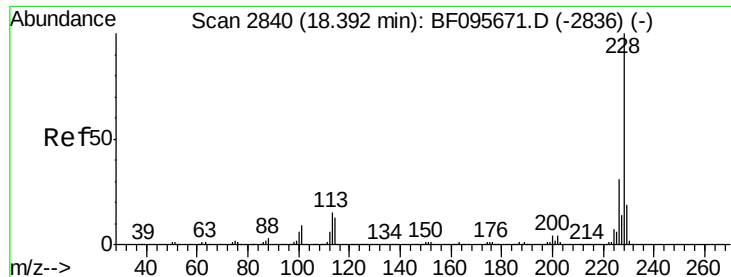
Delta R.T. -0.01 min

Lab File: BF096033.D

Acq: 20 Jun 2017 7:57

Tgt Ion:	228	Resp:	15571
Ion Ratio	Lower	Upper	
228	100		
226	30.3	22.6	33.8
229	25.2	16.3	24.5





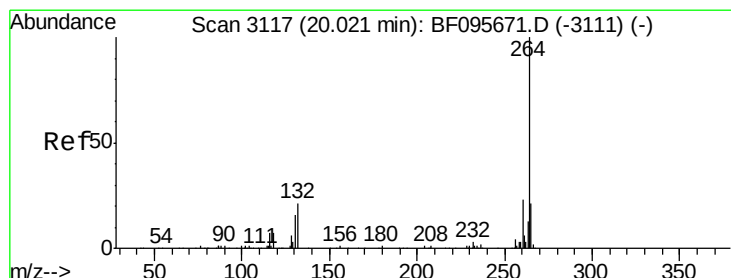
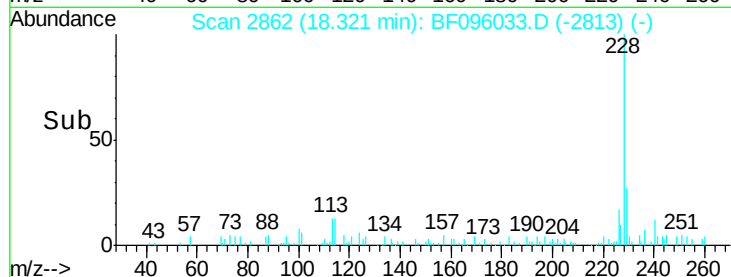
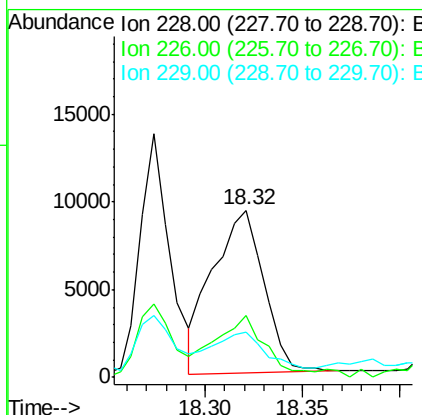
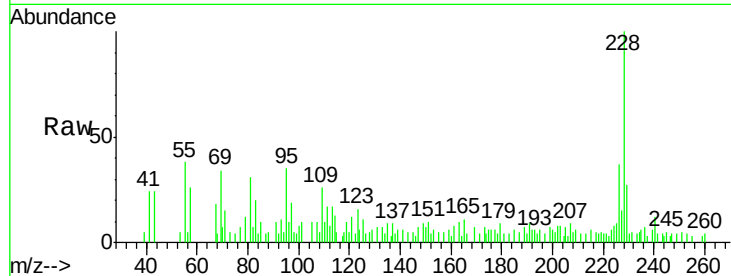
#82
Chrysene
Concen: 2.27 ng
RT: 18.32 min Scan# 2862
Delta R.T. -0.01 min
Lab File: BF096033.D
Acq: 20 Jun 2017 7:57

Instrument :
BNA_F
ClientSampleId :
G23-1.5-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	37.3	24.9	37.3
229	26.9	15.8	23.6

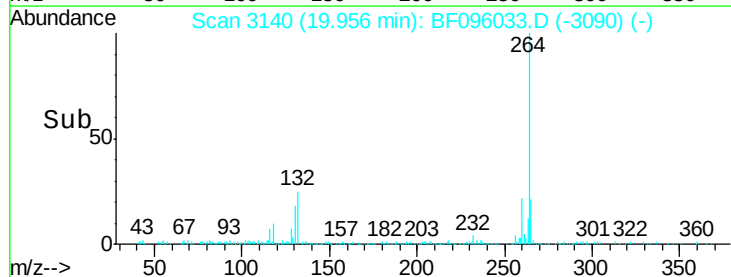
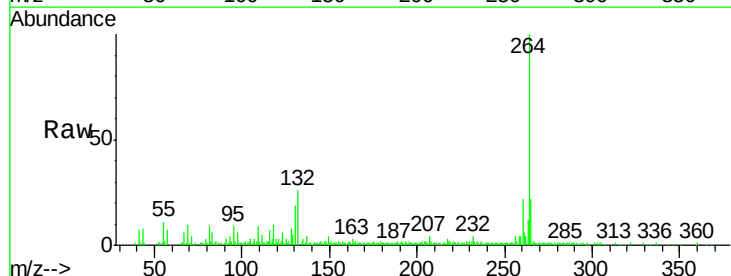
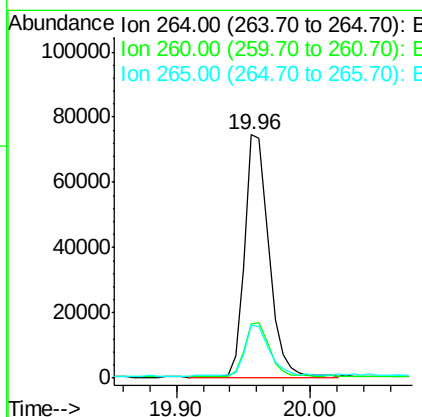
Manual Integrations
APPROVED

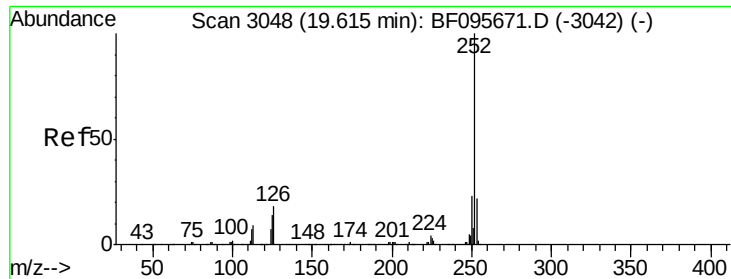
mohammad
6/20/2017 4:29:52 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BF096033.D
Acq: 20 Jun 2017 7:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.3	19.5	29.3
265	21.6	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 3.34 ng m
 RT: 19.56 min Scan# 3073
 Delta R.T. 0.01 min
 Lab File: BF096033.D
 Acq: 20 Jun 2017 7:57

Instrument :
 BNA_F
 ClientSampleId :
 G23-1.5-3

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	18.1	27.1
125	26.5	9.8	14.8

Manual Integrations
 APPROVED

mohammad
 6/20/2017 4:29:52 PM

