

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096192.D
 Acq On : 24 Jun 2017 16:09
 Operator : SJ/MA
 Sample : I3851-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-35-0-1.5

Manual Integrations
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 6/29/2017 3:44:58 PM

Quant Time: Jun 26 02:38:43 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	7.26	152	63617	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	239004	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	95096	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	148004	20.00	ng	-0.03
75) Chrysene-d12	18.26	240	128837	20.00	ng	-0.02
86) Perylene-d12	19.93	264	90515	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	366182	91.72	ng	-0.03
7) Phenol-d6	6.85	99	452374	94.65	ng	-0.03
23) Nitrobenzene-d5	8.19	82	260601	67.72	ng	-0.04
41) 2,4,6-Tribromophenol	13.42	330	50631	60.18	ng	-0.03
44) 2-Fluorobiphenyl	11.07	172	490877	71.83	ng	-0.04
78) Terphenyl-d14	16.90	244	345129	66.48	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.77	163	70383	9.75	ng	99
70) Phenanthrene	14.55	178	26463	3.10	ng	97
74) Fluoranthene	16.34	202	57280	6.78	ng	99
77) Pyrene	16.65	202	57203	5.95	ng	# 96
80) Benzo(a)anthracene	18.24	228	26894m	3.59	ng	97
82) Chrysene	18.29	228	31181	4.17	ng	97
83) Bis(2-ethylhexyl)phthalate	18.33	149	14970	2.53	ng	# 95
87) Benzo(b)fluoranthene	19.53	252	31422m	5.54	ng	97
89) Benzo(a)pyrene	19.89	252	18192	3.49	ng	# 79
91) Benzo(g,h,i)perylene	21.44	276	11164	2.48	ng	# 84

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

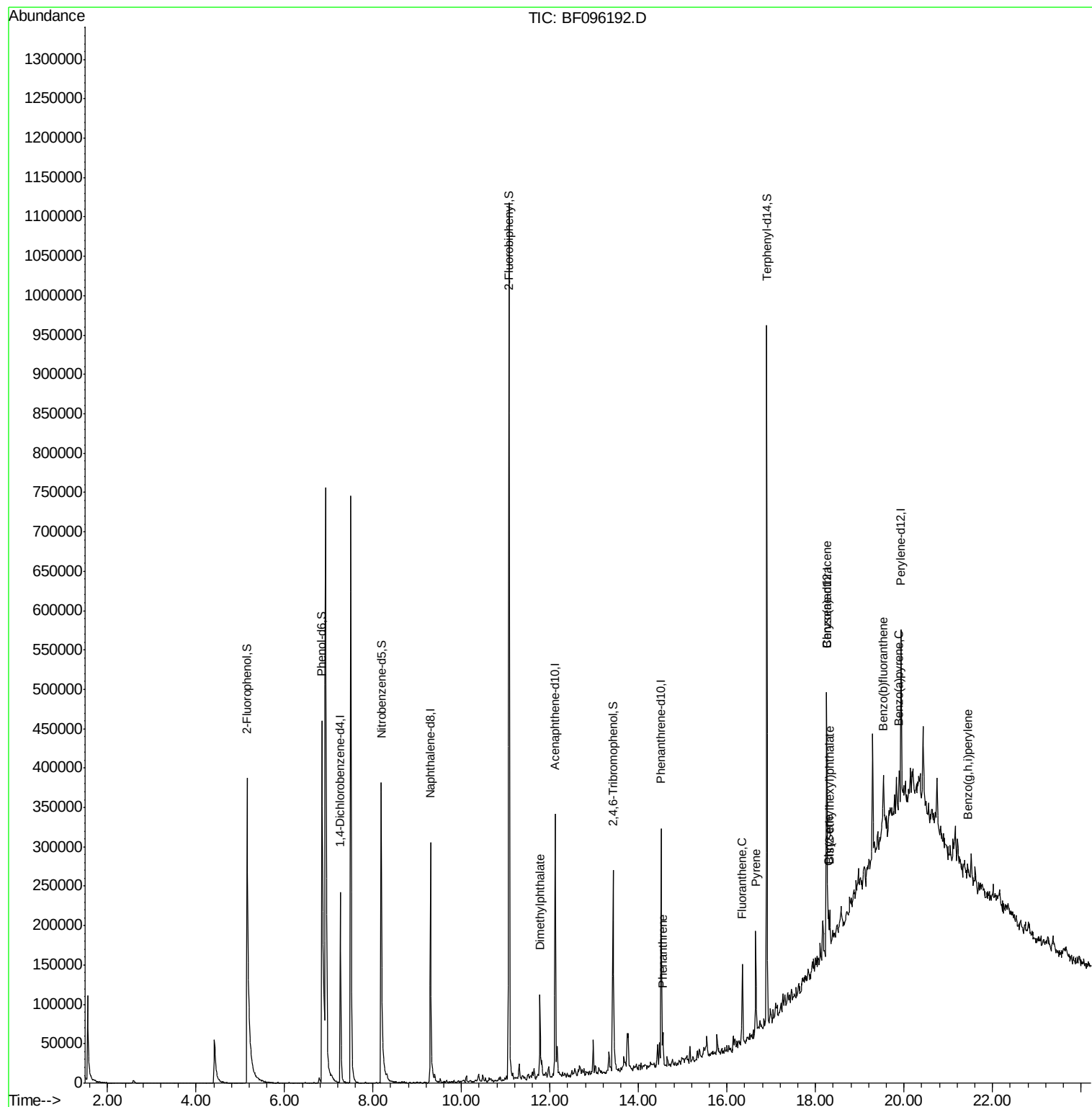
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096192.D
Acq On : 24 Jun 2017 16:09
Operator : SJ/MA
Sample : I3851-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

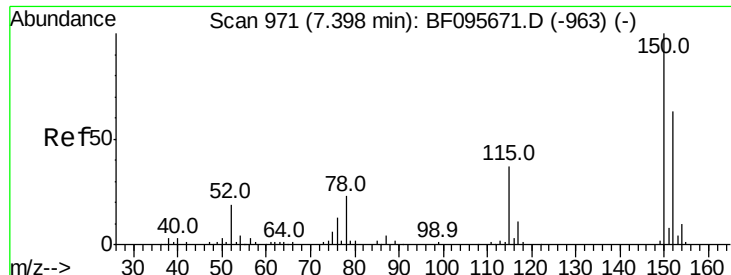
Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

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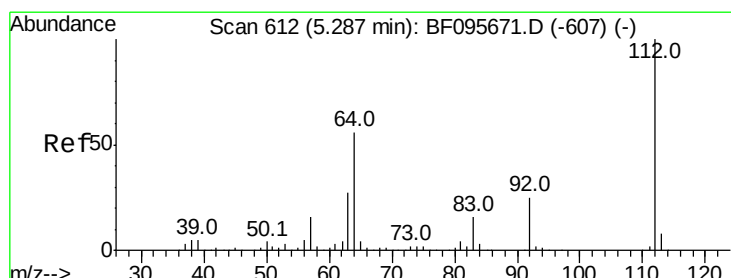
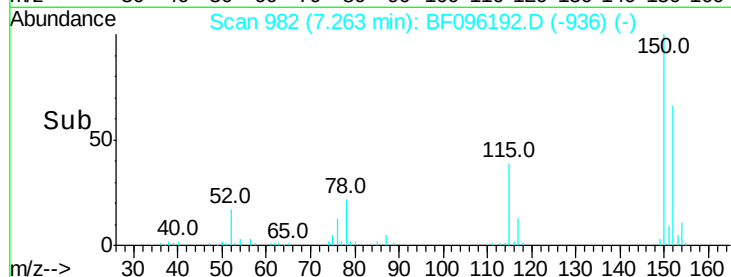
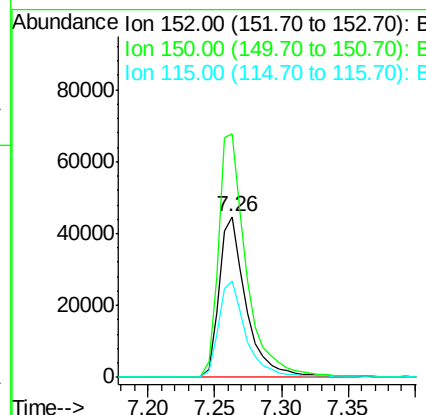
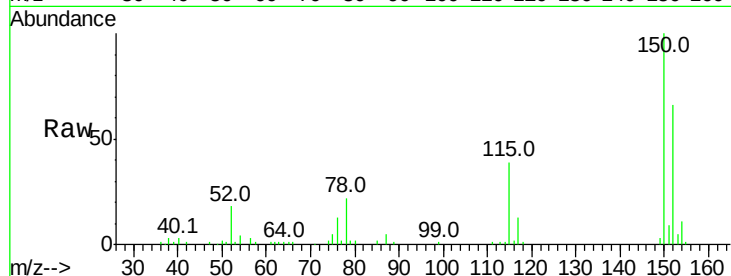
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 982
 Delta R.T. -0.03 min
 Lab File: BF096192.D
 Acq: 24 Jun 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	126.2	189.2
115	59.7	52.2	78.2

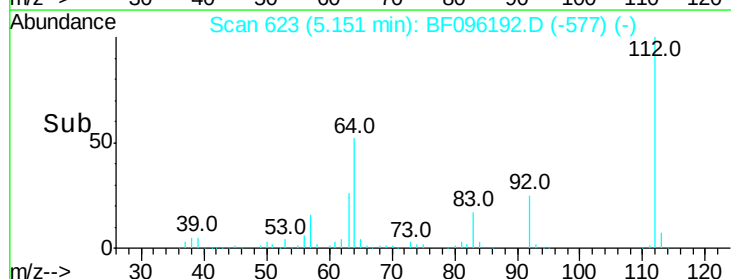
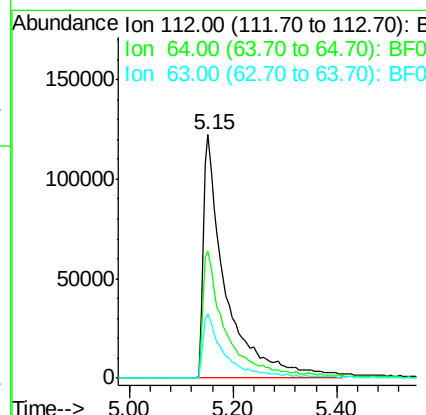
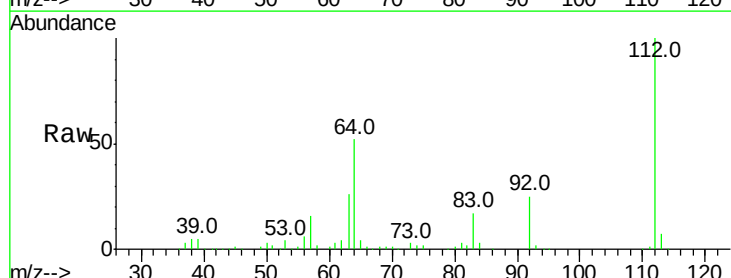
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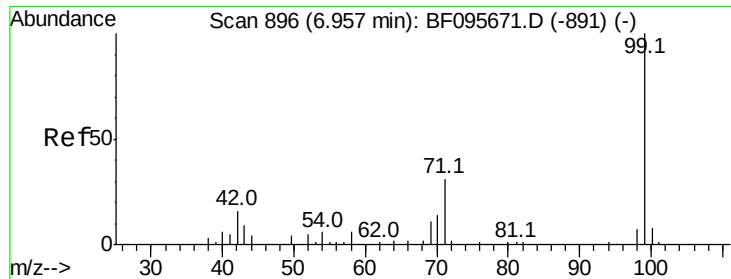
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#5
 2-Fluorophenol
 Concen: 91.72 ng
 RT: 5.15 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF096192.D
 Acq: 24 Jun 2017 16:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.0	69.0
63	26.4	23.4	35.0





#7

Phenol-d6

Concen: 94.65 ng

RT: 6.85 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF096192.D

Acq: 24 Jun 2017 16:09

Instrument :

BNA_F

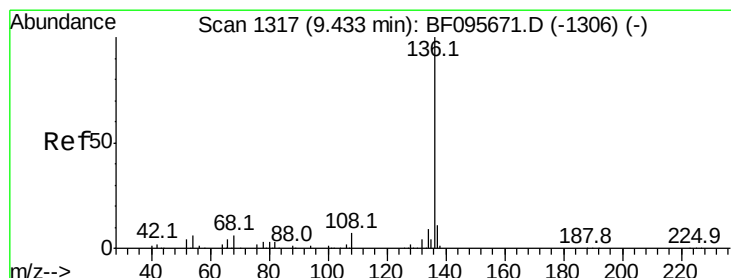
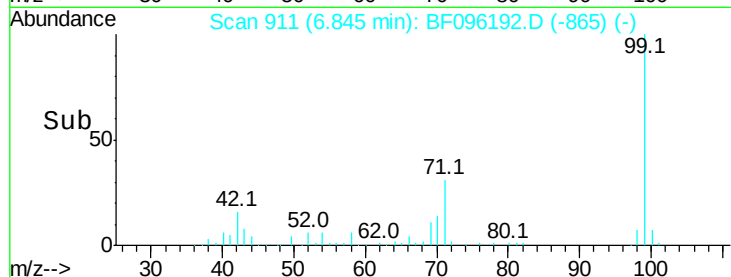
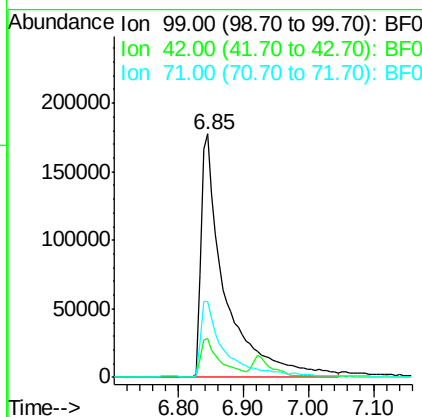
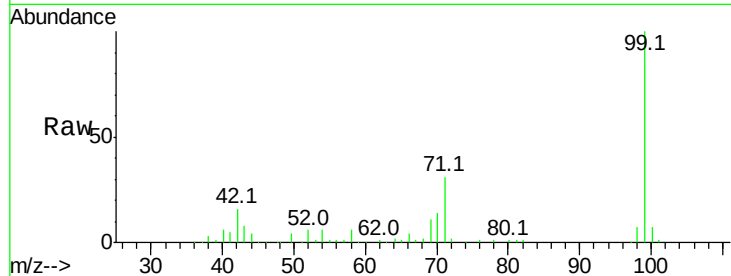
ClientSampleId :

G-35-0-1.5

Tot Ion:	99	Resp:	452374
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	31.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

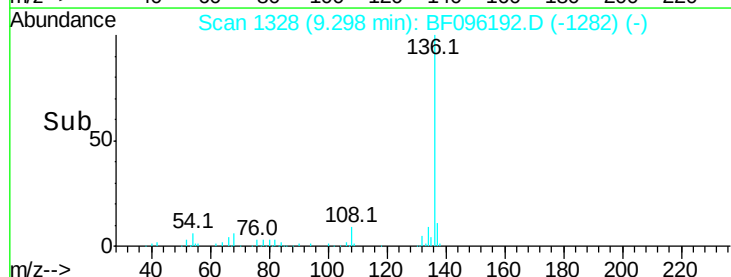
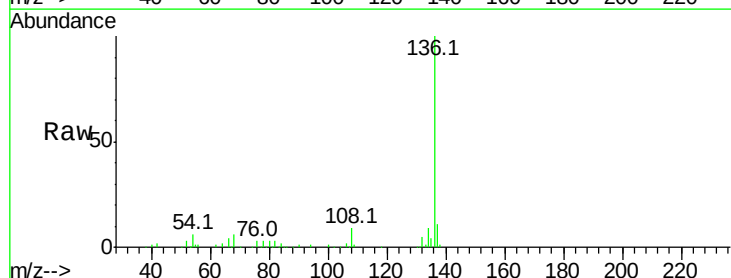
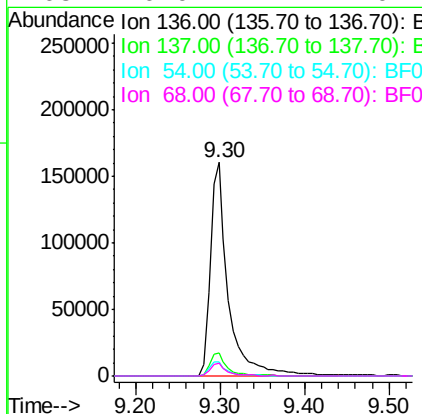
RT: 9.30 min Scan# 1328

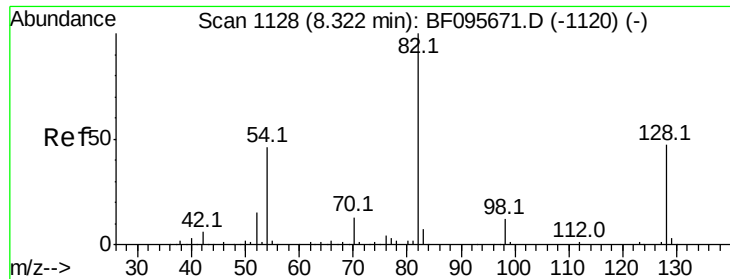
Delta R.T. -0.03 min

Lab File: BF096192.D

Acq: 24 Jun 2017 16:09

Tgt Ion:	136	Resp:	239004
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.4	4.9	7.3
68	6.0	4.1	6.1





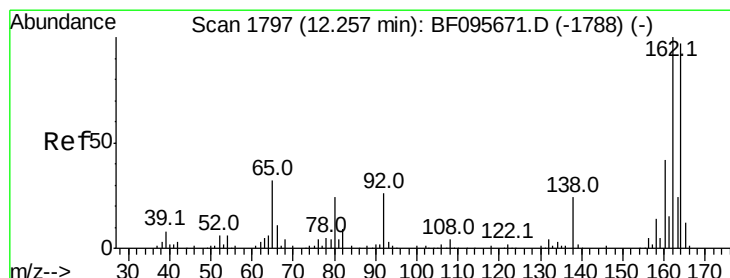
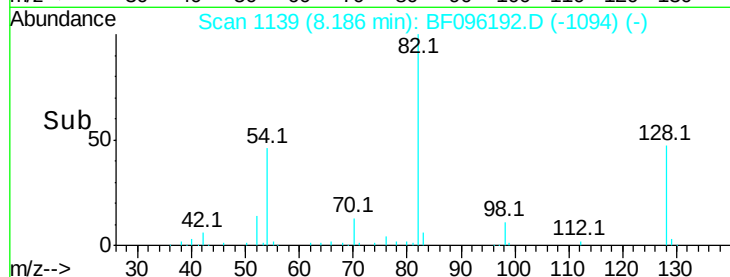
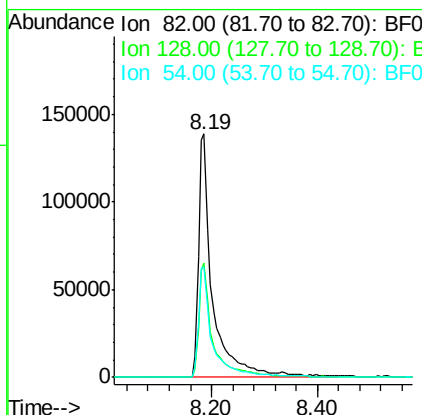
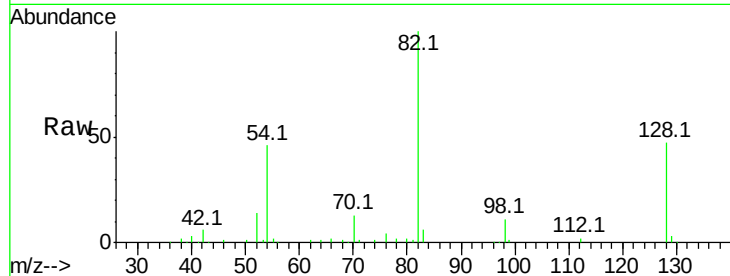
#23
 Nitrobenzene-d5
 Concen: 67.72 ng
 RT: 8.19 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF096192.D
 Acq: 24 Jun 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	45.5	42.2	63.2

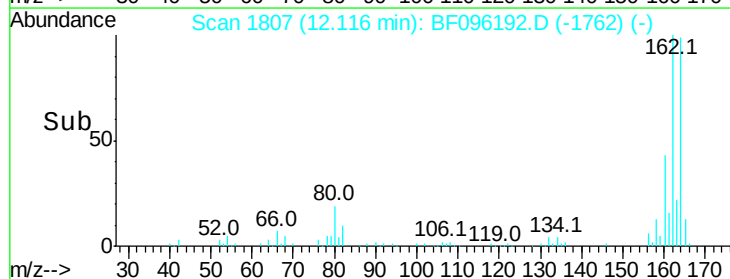
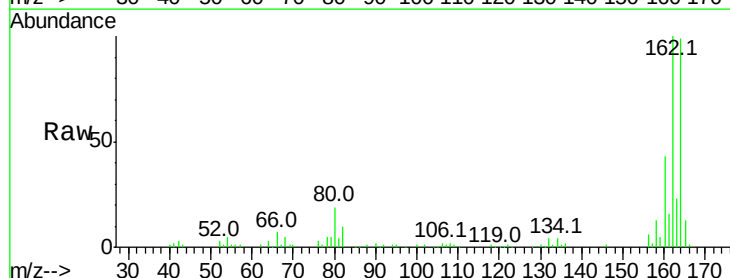
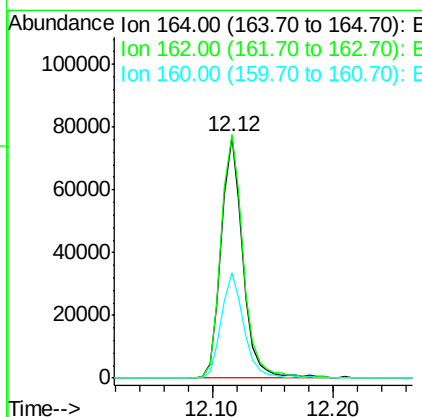
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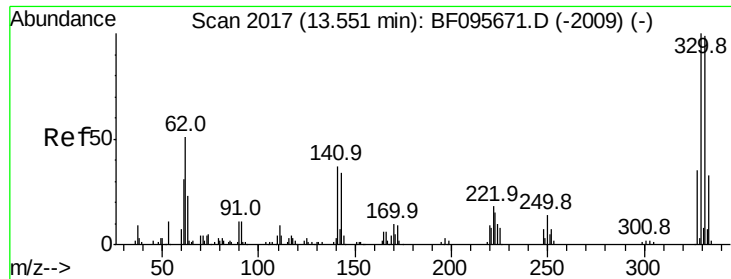
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. -0.04 min
 Lab File: BF096192.D
 Acq: 24 Jun 2017 16:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	82.6	123.8
160	43.8	36.2	54.2





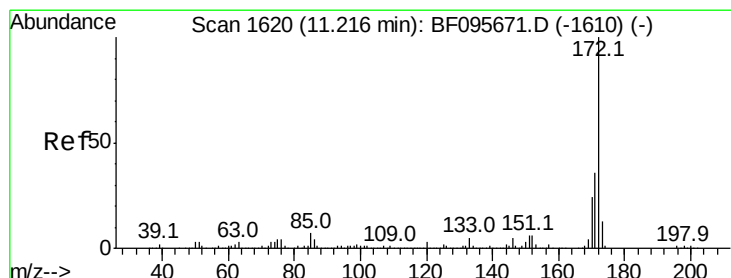
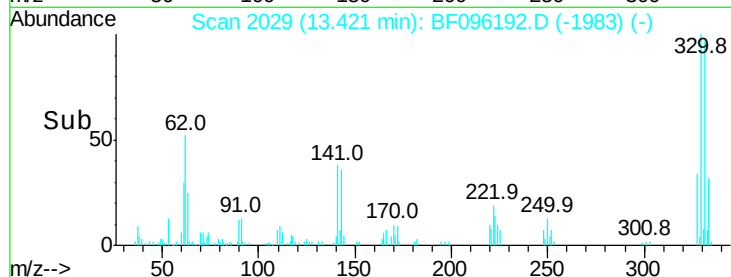
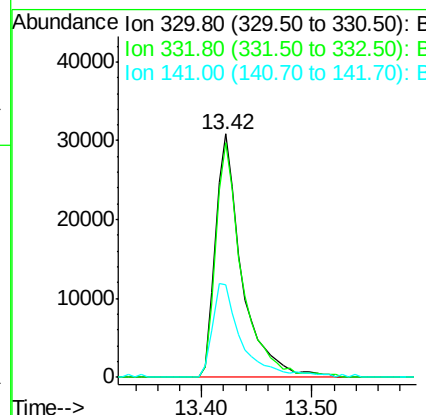
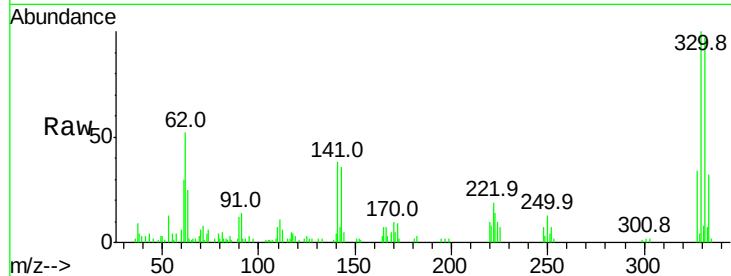
#41
 2,4,6-Tribromophenol
 Concen: 60.18 ng
 RT: 13.42 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF096192.D
 Acq: 24 Jun 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	42.2	31.4	47.2

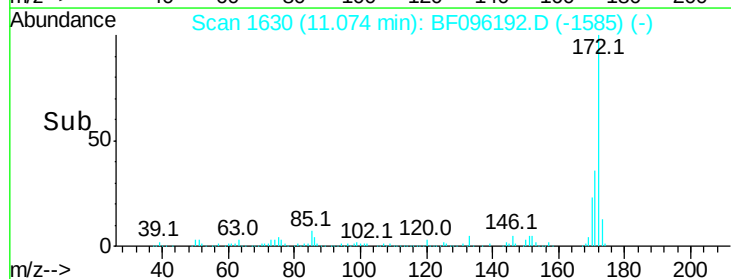
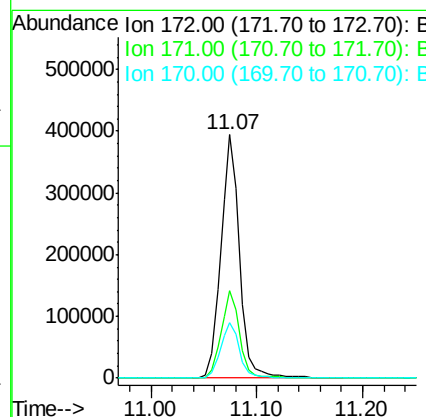
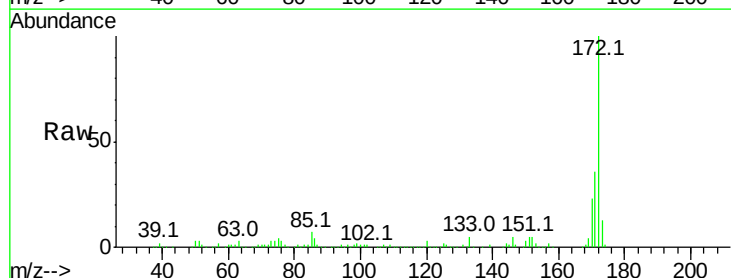
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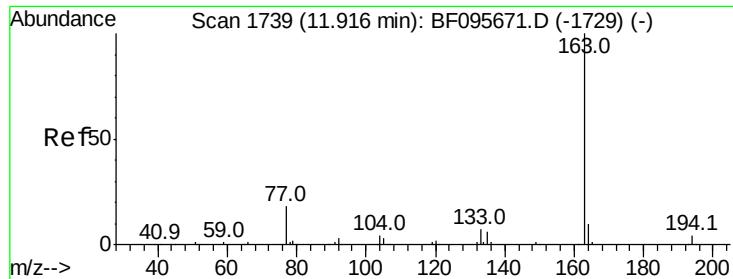
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#44
 2-Fluorobiphenyl
 Concen: 71.83 ng
 RT: 11.07 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF096192.D
 Acq: 24 Jun 2017 16:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	22.9	19.8	29.8





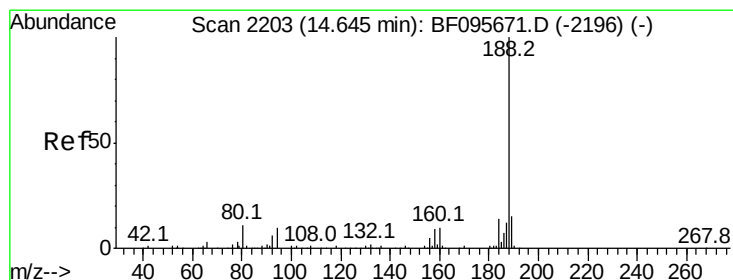
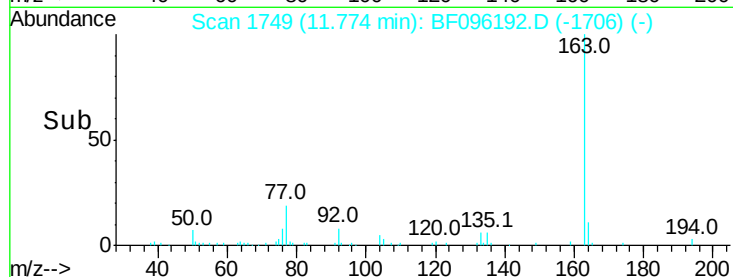
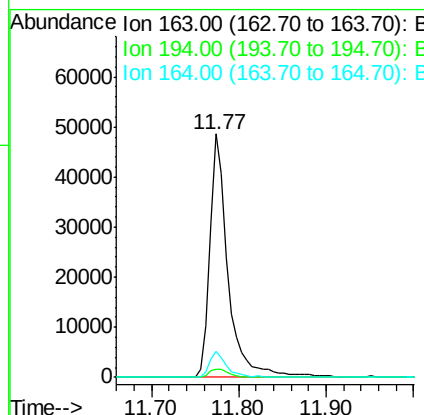
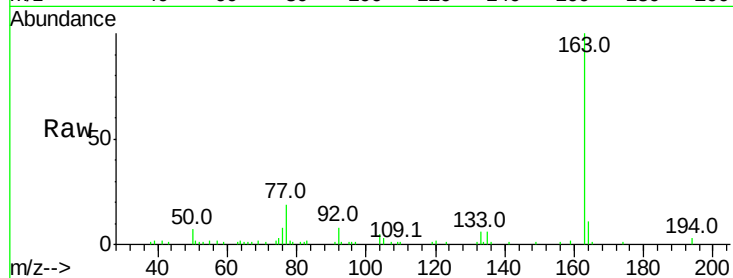
#49
Dimethylphthalate
Concen: 9.75 ng
RT: 11.77 min Scan# 1749
Delta R.T. -0.05 min
Lab File: BF096192.D
Acq: 24 Jun 2017 16:09

Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

Tot Ion:	163	Resp:	70383
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.6	4.0
164	10.8	8.4	12.6

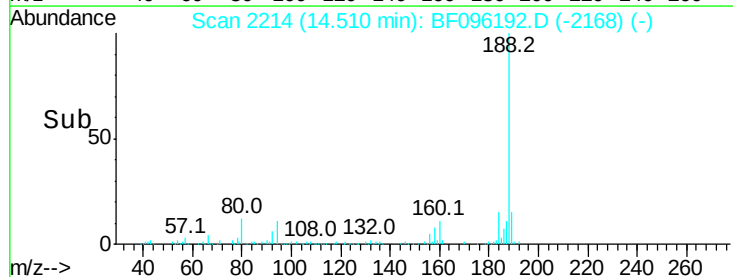
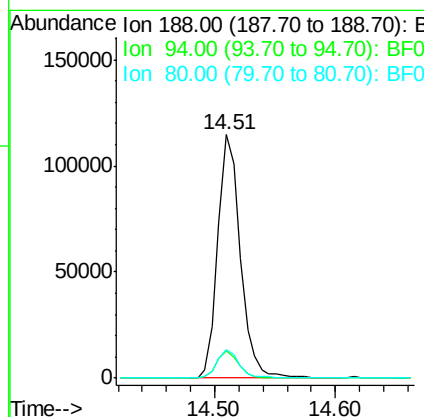
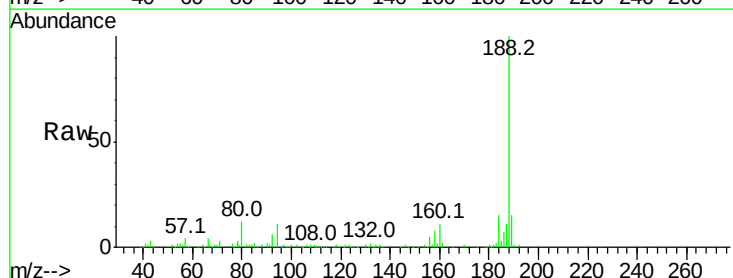
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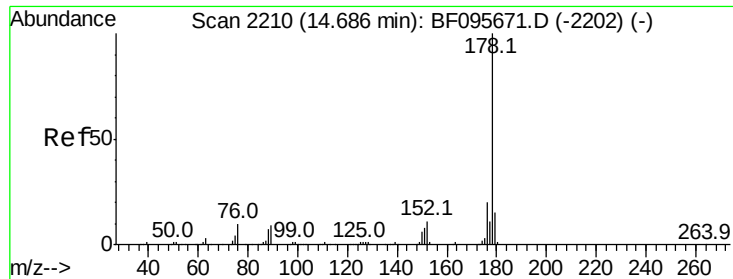
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.51 min Scan# 2214
Delta R.T. -0.03 min
Lab File: BF096192.D
Acq: 24 Jun 2017 16:09

Tgt Ion:	188	Resp:	148004
Ion Ratio	Lower	Upper	
188	100		
94	11.5	9.4	14.2
80	11.7	10.2	15.2





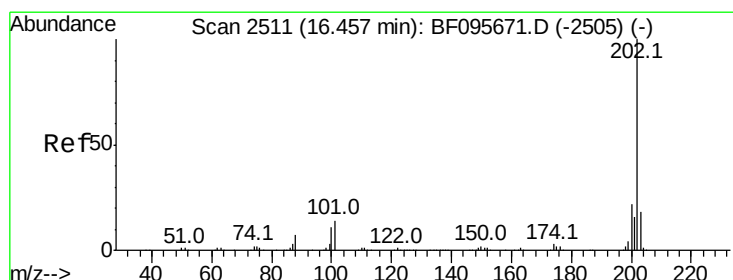
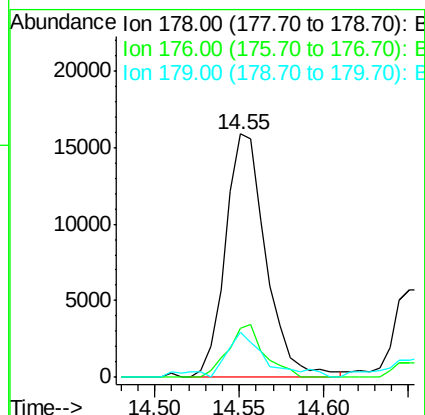
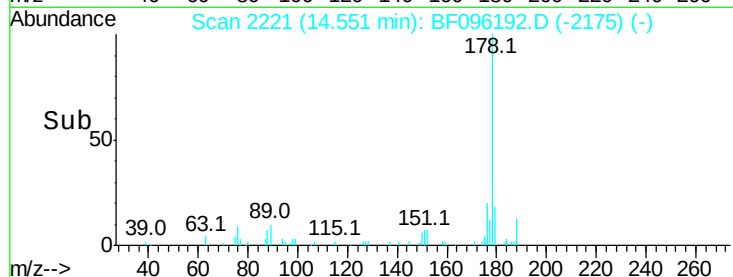
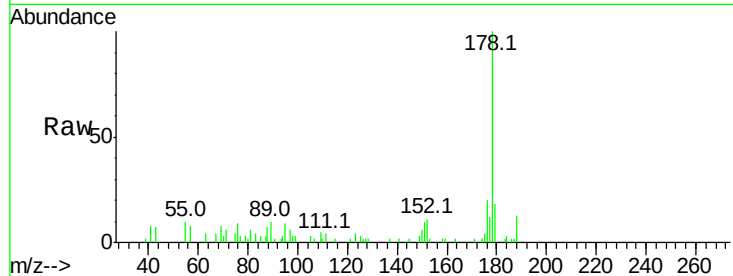
#70
Phenanthrene
Concen: 3.10 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.03 min
Lab File: BF096192.D
Acq: 24 Jun 2017 16:09

Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	18.4	12.6	19.0

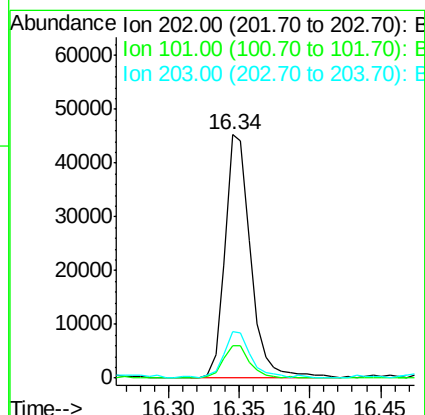
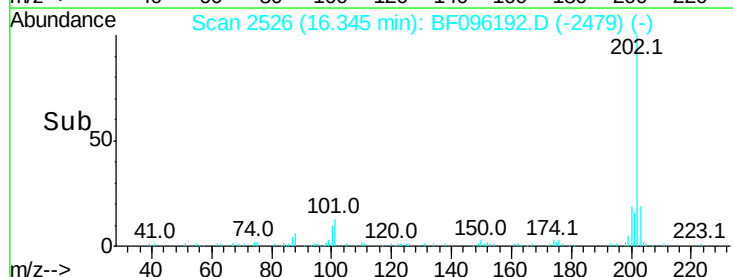
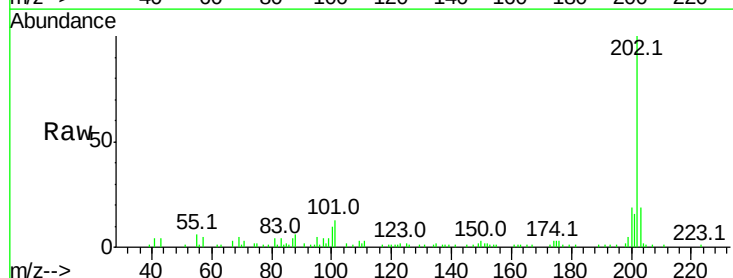
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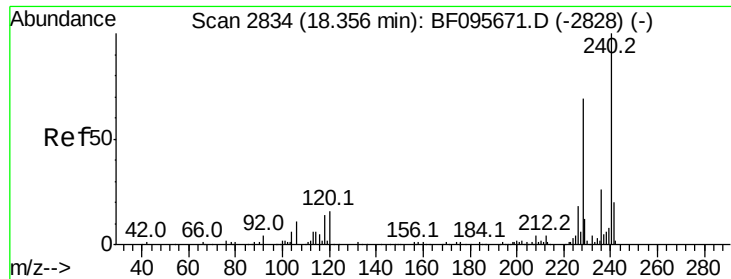
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#74
Fluoranthene
Concen: 6.78 ng
RT: 16.34 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF096192.D
Acq: 24 Jun 2017 16:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	19.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.26 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BF096192.D

Acq: 24 Jun 2017 16:09

Instrument :

BNA_F

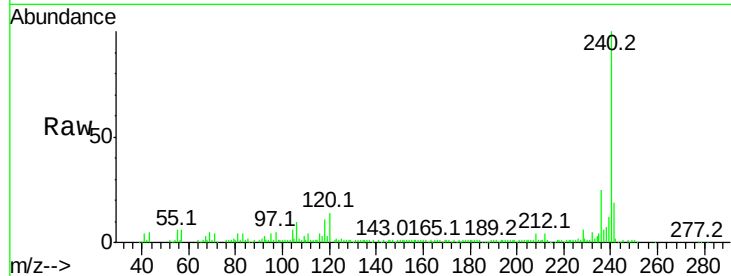
ClientSampled :

G-35-0-1.5

Tot Ion:	240	Resp:	128837
Ion Ratio	Lower	Upper	
240	100		
120	13.5	5.8	8.8#
236	25.3	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

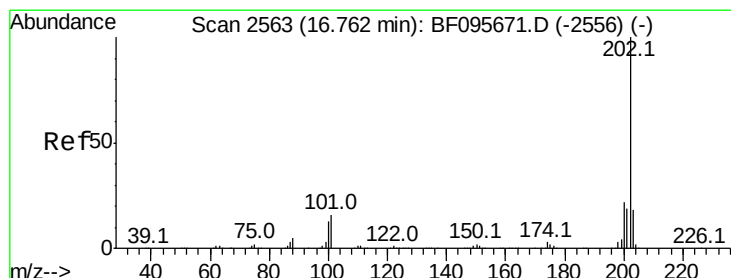
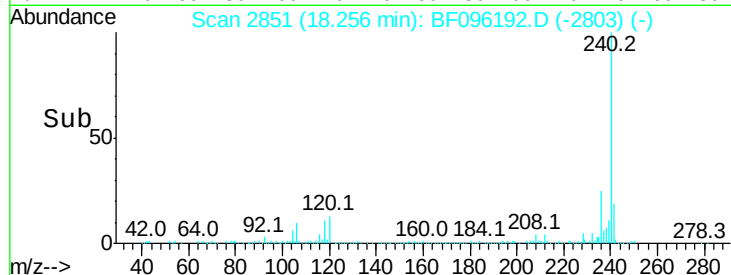
18.26

100000

50000

0

Time-->



#77

Pyrene

Concen: 5.95 ng

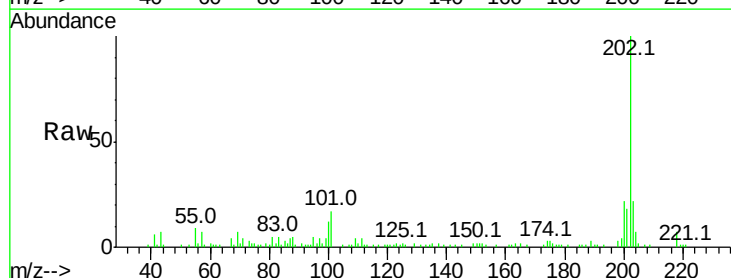
RT: 16.65 min Scan# 2578

Delta R.T. -0.02 min

Lab File: BF096192.D

Acq: 24 Jun 2017 16:09

Tgt Ion:	202	Resp:	57203
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.6	26.4
203	22.2	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

16.65

60000

50000

40000

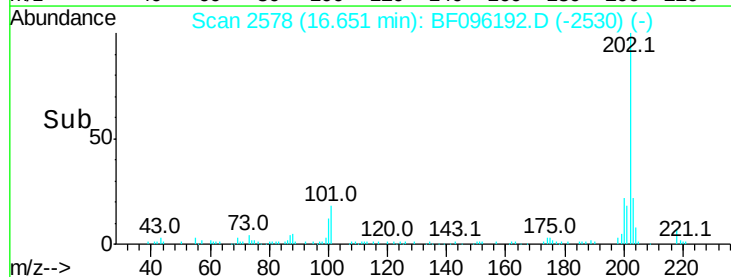
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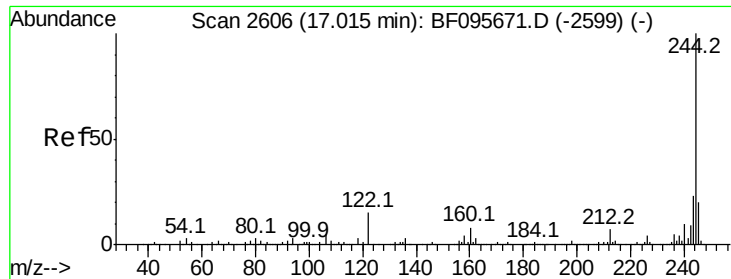
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10000

0

Time-->





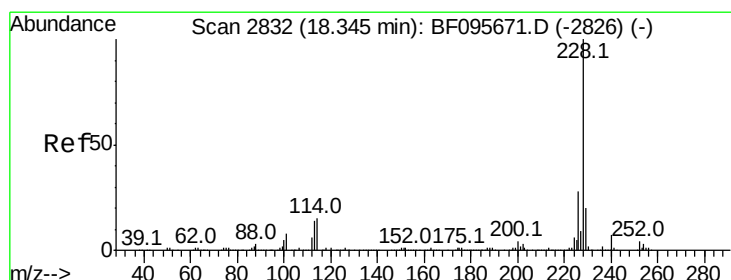
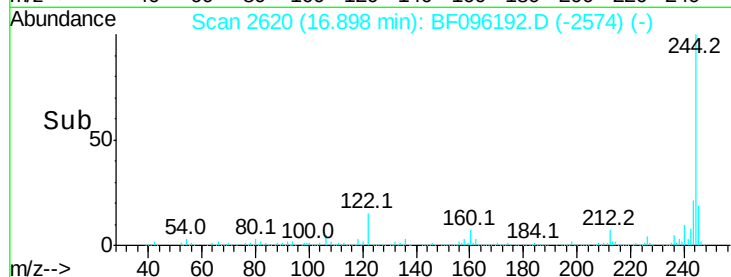
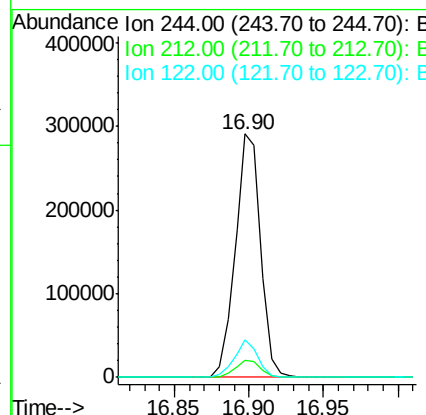
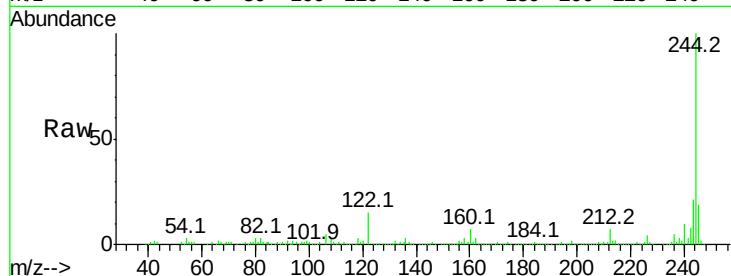
#78
 Terphenyl-d14
 Concen: 66.48 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096192.D
 Acq: 24 Jun 2017 16:09

Instrument :
 BNA_F
 ClientSampleId :
 G-35-0-1.5

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	6.0	9.0
122	15.3	10.3	15.5

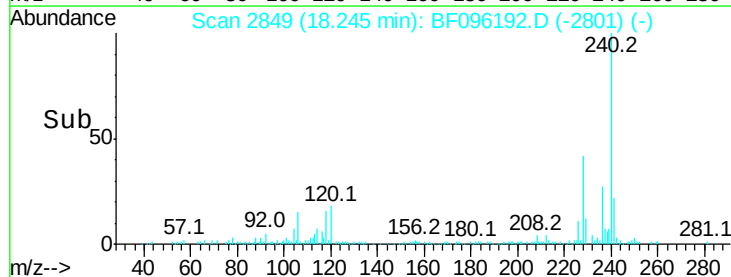
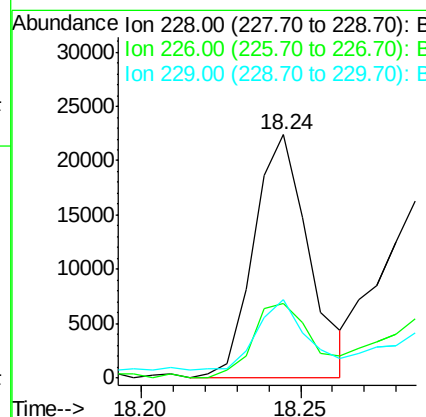
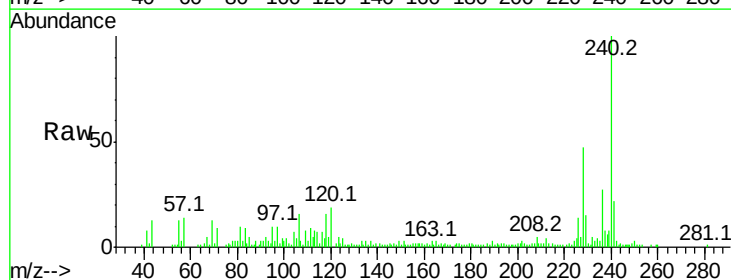
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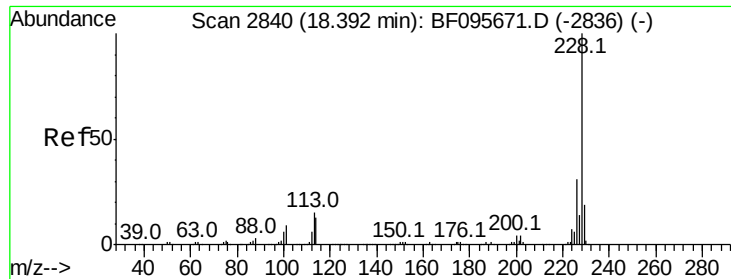
mohammad
 6/29/2017 3:44:58 PM



#80
 Benzo(a)anthracene
 Concen: 3.59 ng m
 RT: 18.24 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF096192.D
 Acq: 24 Jun 2017 16:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	22.6	33.8
229	32.2	16.3	24.5





#82

Chrysene

Concen: 4.17 ng

RT: 18.29 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BF096192.D

Acq: 24 Jun 2017 16:09

Instrument :

BNA_F

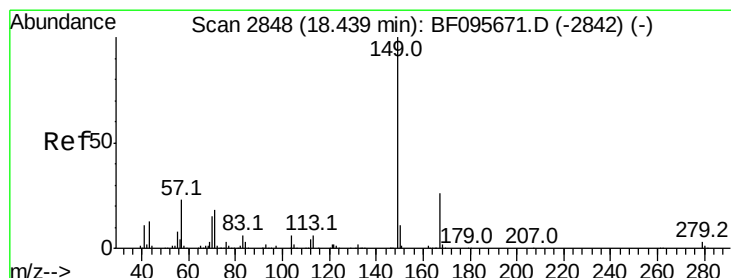
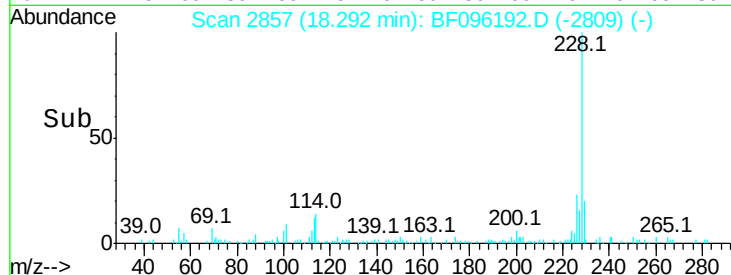
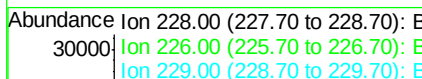
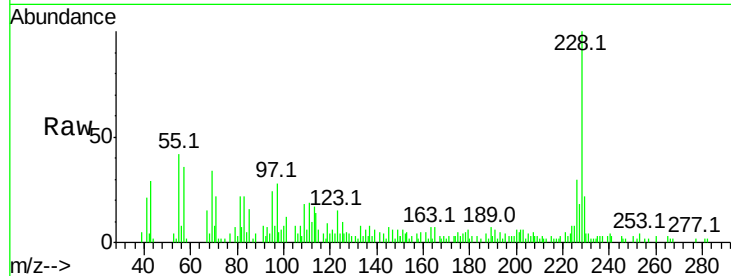
ClientSampleId :

G-35-0-1.5

Tot Ion:	228	Resp:	31181
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.9	37.3
229	22.4	15.8	23.6

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.53 ng

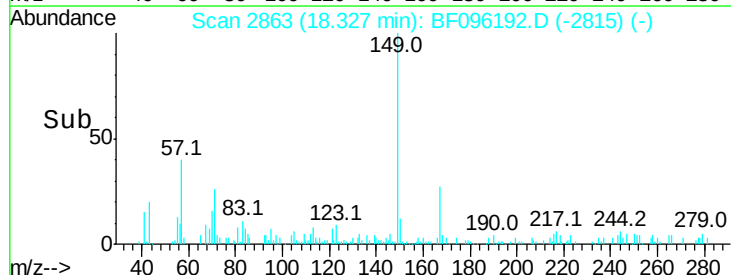
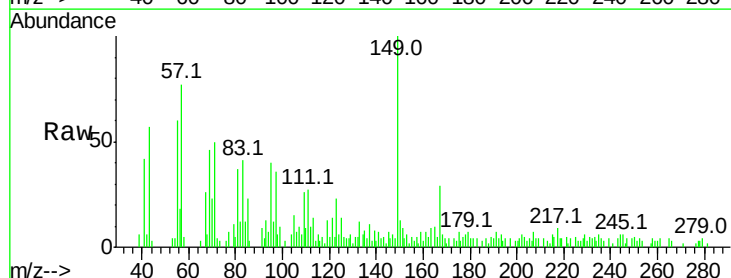
RT: 18.33 min Scan# 2863

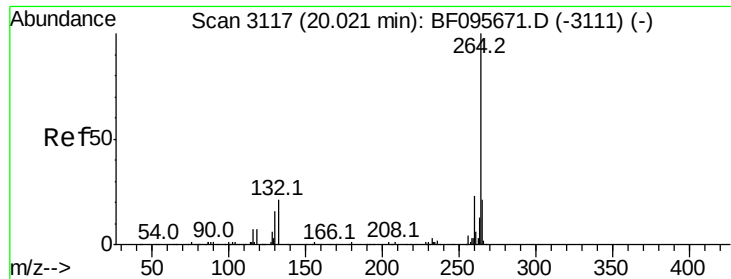
Delta R.T. -0.02 min

Lab File: BF096192.D

Acq: 24 Jun 2017 16:09

Tgt Ion:	149	Resp:	14970
Ion Ratio	Lower	Upper	
149	100		
167	28.7	21.0	31.4
279	4.3	1.9	2.9#





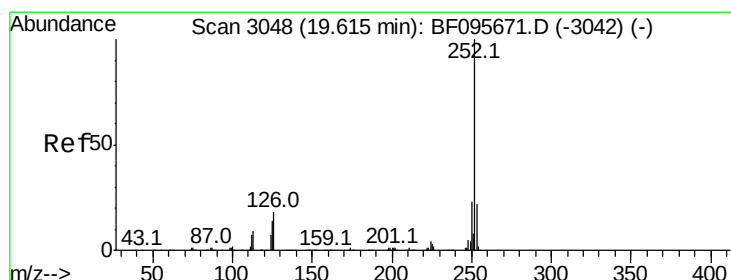
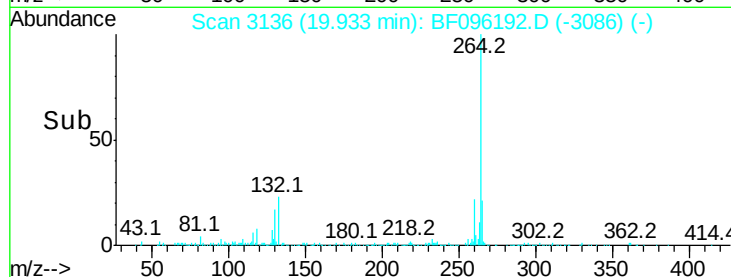
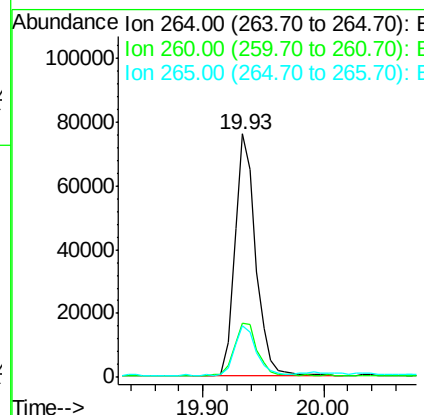
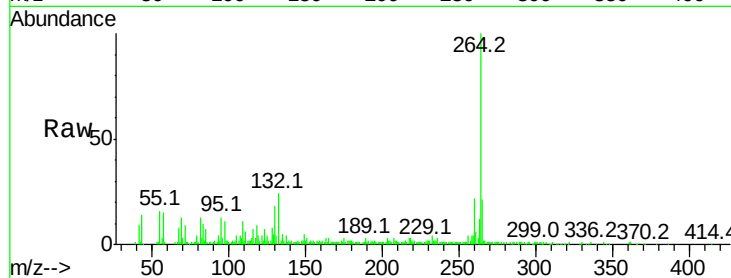
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.93 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BF096192.D
Acq: 24 Jun 2017 16:09

Instrument :
BNA_F
ClientSampled :
G-35-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.4	17.2	25.8

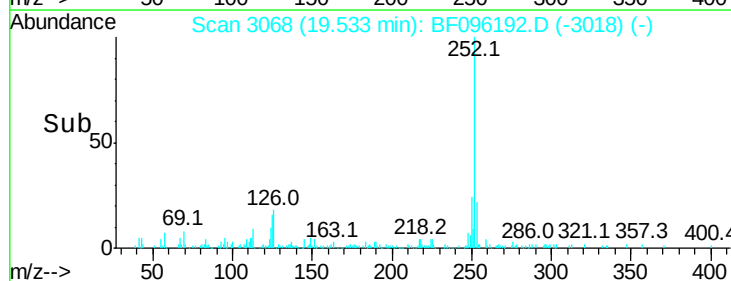
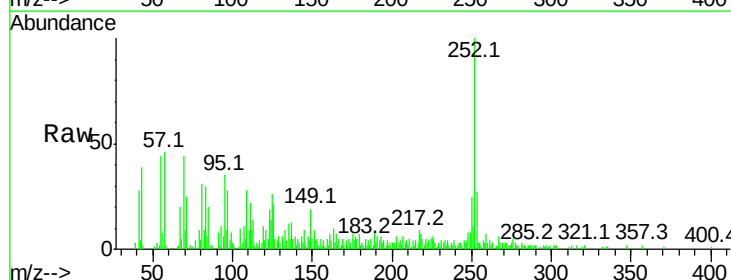
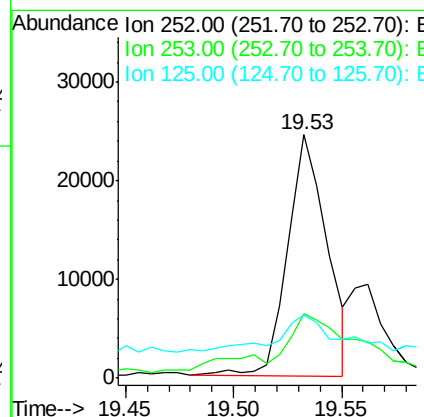
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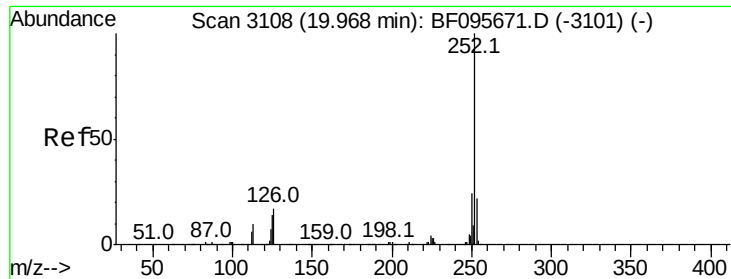
mohammad
6/29/2017 3:44:58 PM



#87
Benzo(b)fluoranthene
Concen: 5.54 ng m
RT: 19.53 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF096192.D
Acq: 24 Jun 2017 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.1	27.1
125	25.9	9.8	14.8#





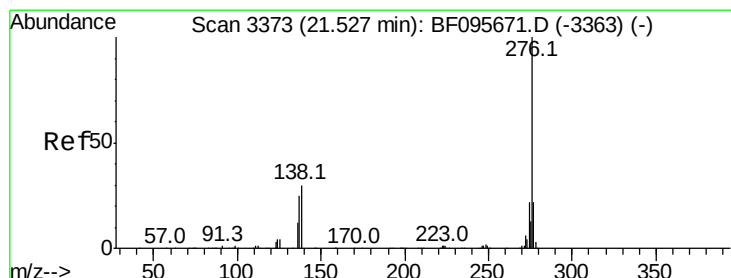
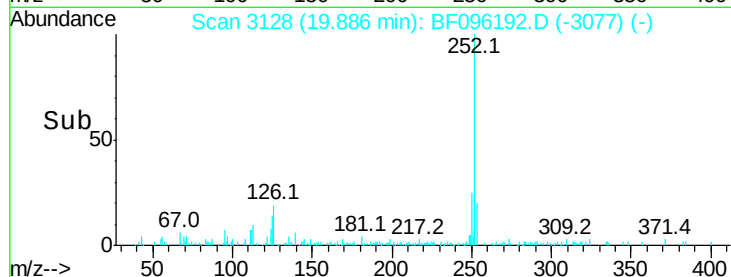
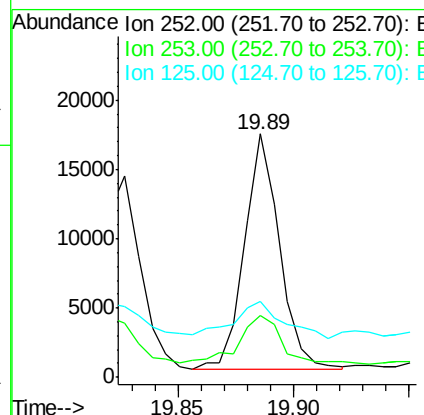
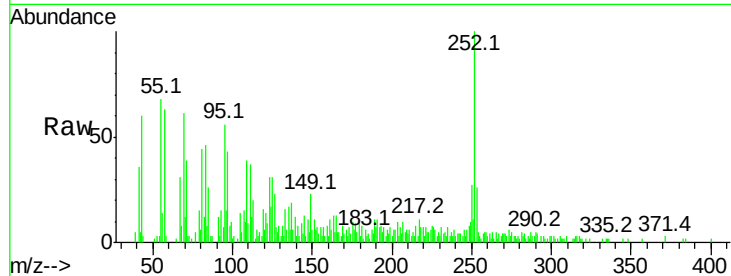
#89
Benzo(a)pyrene
Concen: 3.49 ng
RT: 19.89 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BF096192.D
Acq: 24 Jun 2017 16:09

Instrument :
BNA_F
ClientSampleId :
G-35-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	25.5	17.5	26.3
125	31.2	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/29/2017 3:44:58 PM



#91
Benzo(g,h,i)perylene
Concen: 2.48 ng
RT: 21.44 min Scan# 3393
Delta R.T. 0.02 min
Lab File: BF096192.D
Acq: 24 Jun 2017 16:09

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	27.9	18.6	28.0
138	42.8	25.4	38.0

