

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096621.D
 Acq On : 11 Jul 2017 00:33
 Operator : SJ/JU
 Sample : I4108-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-070617-A

Manual Integrations
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Quant Time: Jul 11 04:46:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	122739	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	465506	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	169144	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	232526	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	243464	20.00	ng	-0.02
86) Perylene-d12	15.22	264	235140	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	795744	95.69	ng	-0.01
7) Phenol-d6	6.33	99	932322	91.20	ng	-0.02
23) Nitrobenzene-d5	7.25	82	504997	65.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	122350	92.60	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	796260	80.49	ng	-0.02
78) Terphenyl-d14	12.77	244	442425	38.83	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.43	163	182027	14.42	ng	100
70) Phenanthrene	11.22	178	25560	2.03	ng	96
74) Fluoranthene	12.40	202	105339	8.55	ng	98
77) Pyrene	12.63	202	103859	5.31	ng	97
80) Benzo(a)anthracene	13.81	228	48629	3.45	ng	95
82) Chrysene	13.84	228	43138	2.92	ng	98
87) Benzo(b)fluoranthene	14.83	252	52254m	3.55	ng	
89) Benzo(a)pyrene	15.16	252	34992	2.66	ng	# 89

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

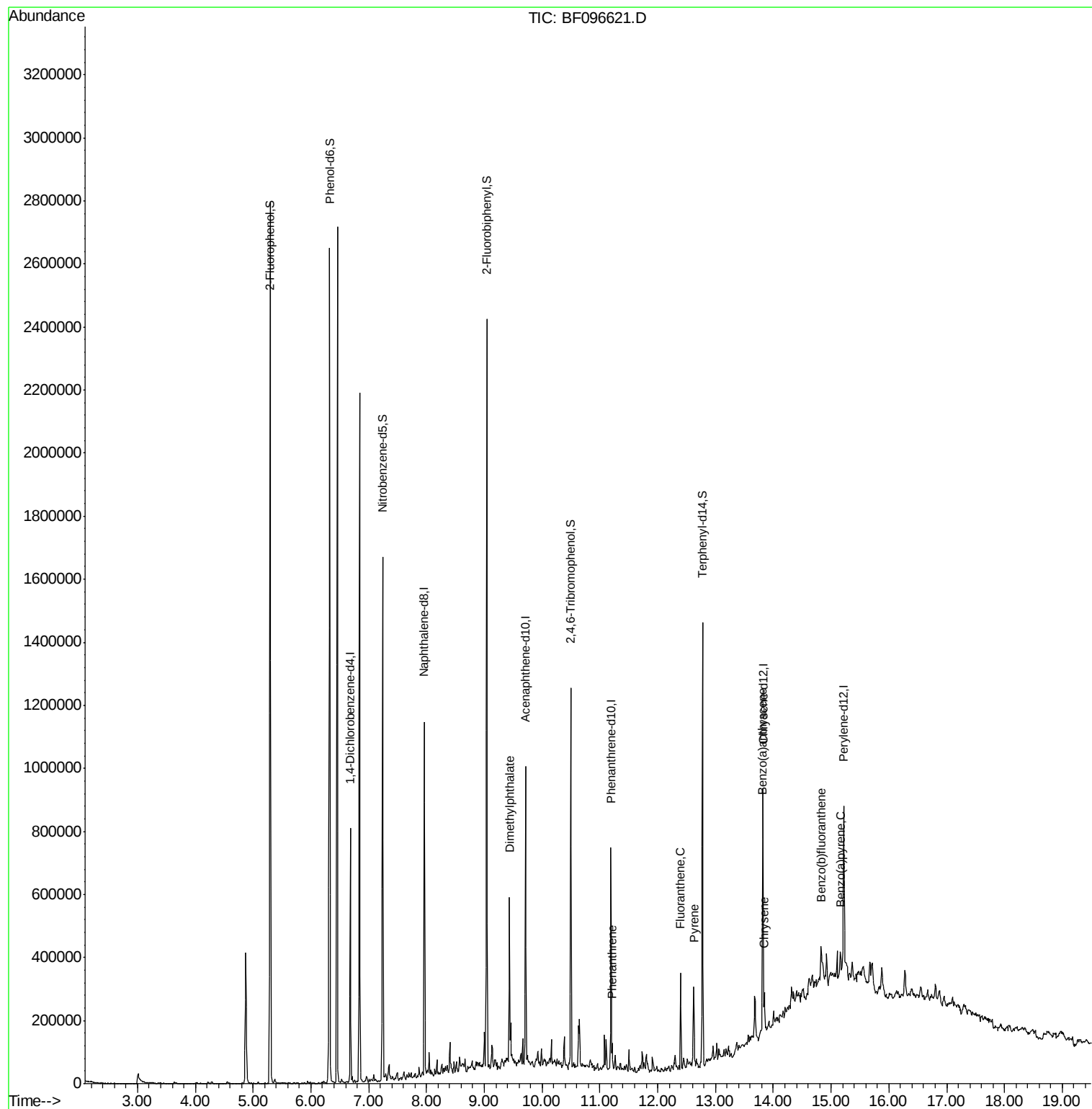
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
Data File : BF096621.D
Acq On : 11 Jul 2017 00:33
Operator : SJ/JU
Sample : I4108-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

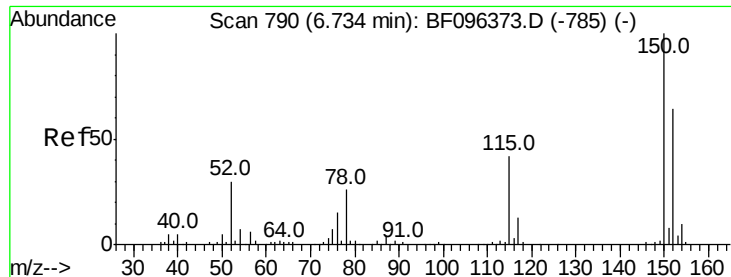
Instrument :
BNA_F
ClientSampleId :
BU-01-070617-A

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
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QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF096621.D

Acq: 11 Jul 2017 00:33

Instrument :

BNA_F

ClientSampled :

BU-01-070617-A

Tot Ion:152 Resp: 122739

Ion Ratio Lower Upper

152 100

150 152.8 126.2 189.2

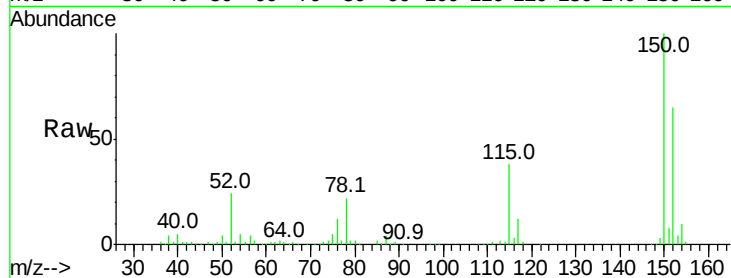
115 58.0 52.2 78.2

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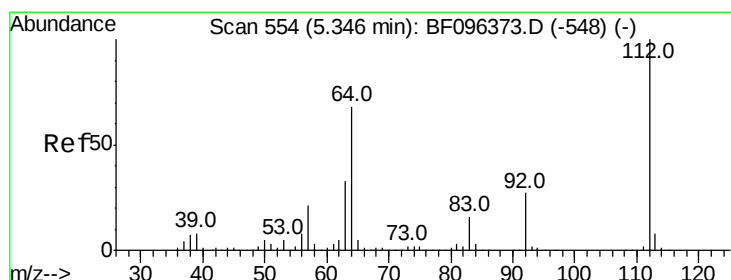
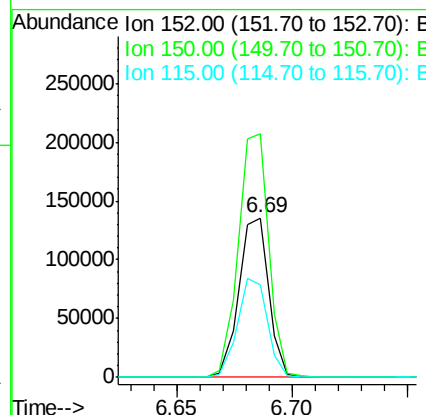
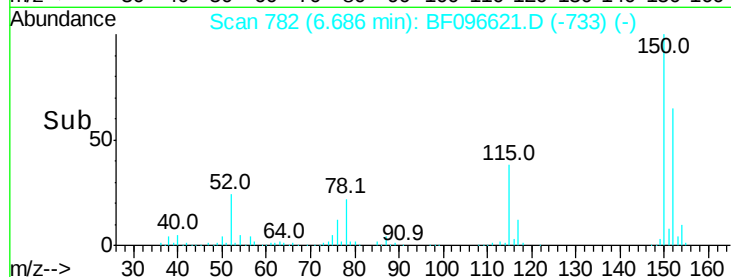
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 95.69 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF096621.D

Acq: 11 Jul 2017 00:33

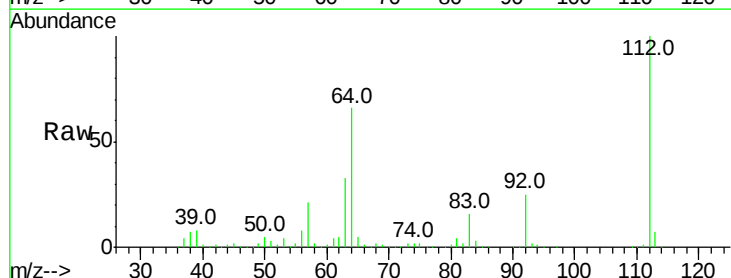
Tgt Ion:112 Resp: 795744

Ion Ratio Lower Upper

112 100

64 65.7 46.0 69.0

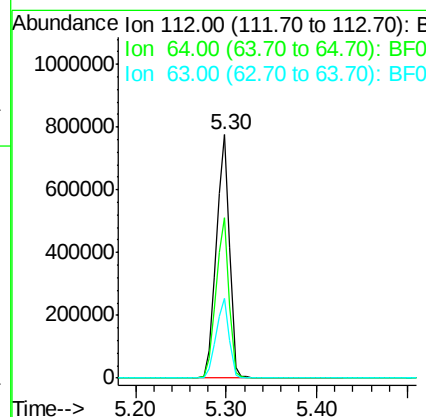
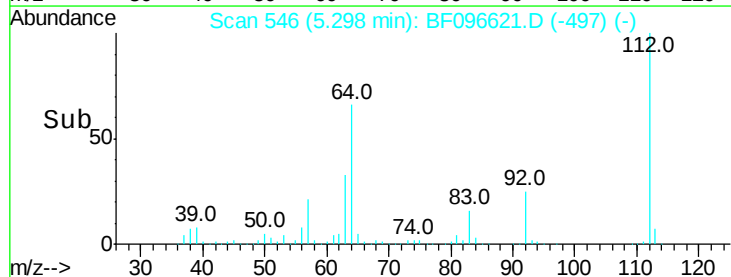
63 32.8 23.4 35.0

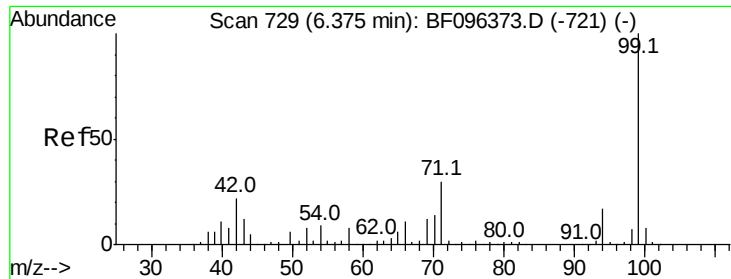


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.20 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096621.D

Acq: 11 Jul 2017 00:33

Instrument :

BNA_F

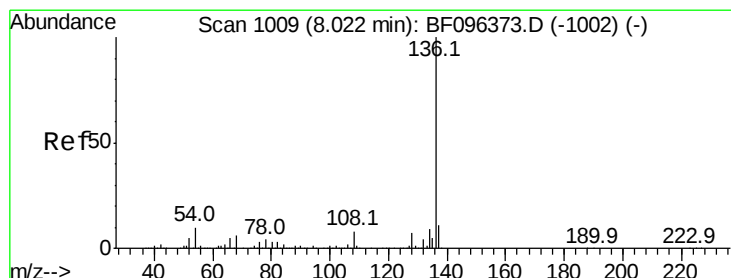
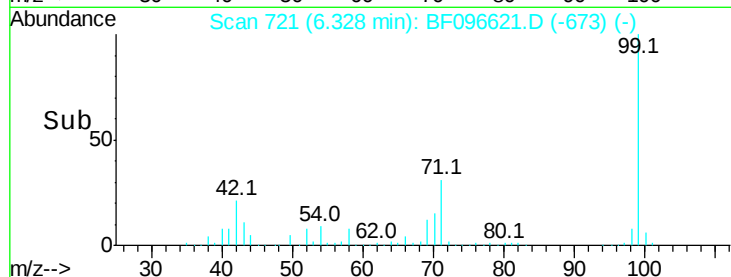
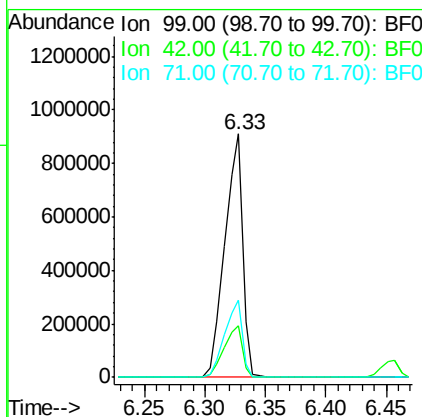
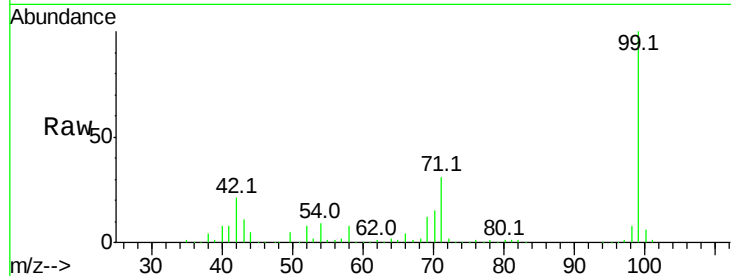
ClientSampleId :

BU-01-070617-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		932322		
42	21.4	13.5	20.3#		
71	31.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

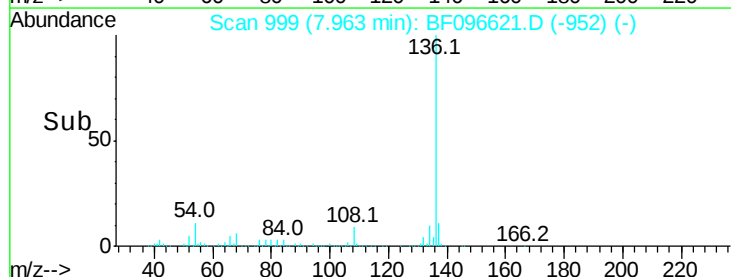
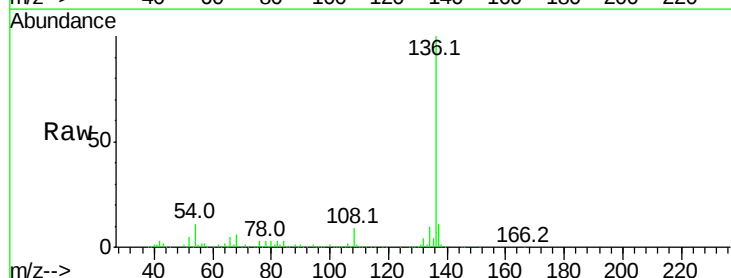
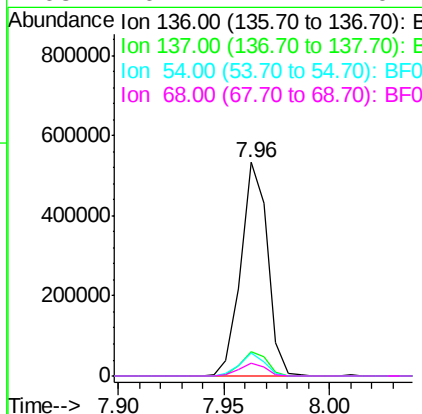
RT: 7.96 min Scan# 999

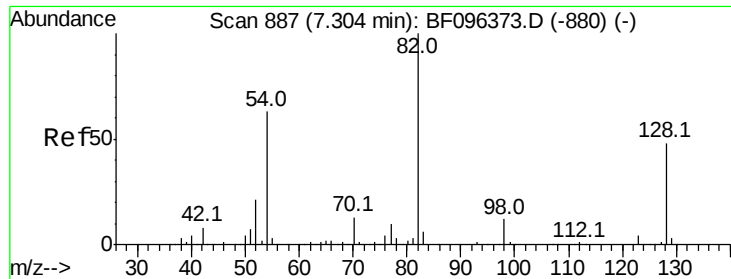
Delta R.T. -0.02 min

Lab File: BF096621.D

Acq: 11 Jul 2017 00:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		465506		
137	11.5	8.5	12.7		
54	11.0	4.9	7.3#		
68	6.1	4.1	6.1		





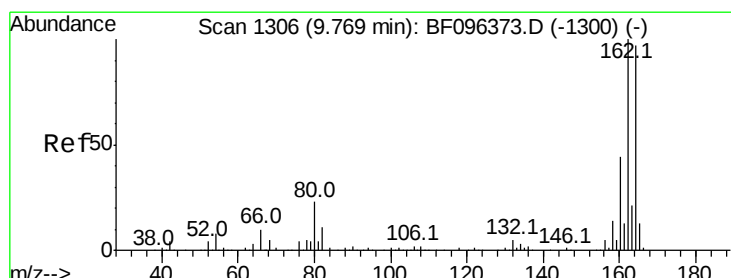
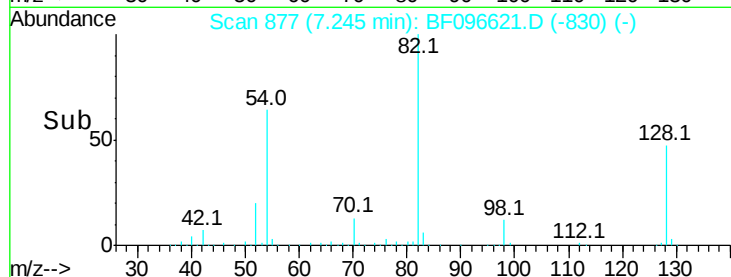
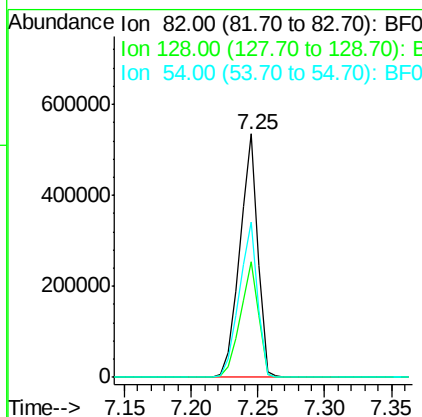
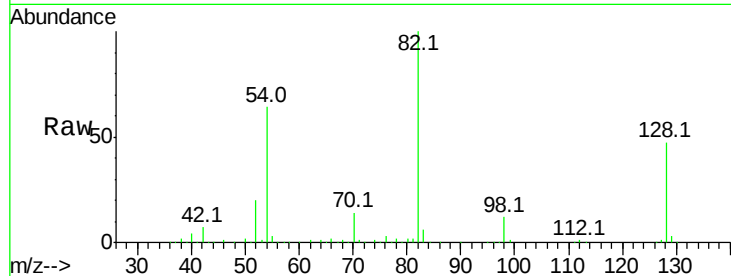
#23
 Nitrobenzene-d5
 Concen: 65.19 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF096621.D
 Acq: 11 Jul 2017 00:33

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-070617-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	64.0	42.2	63.2#

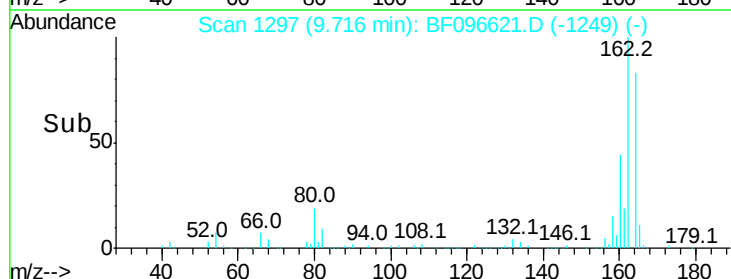
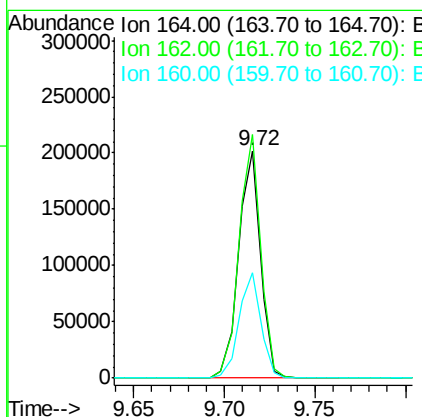
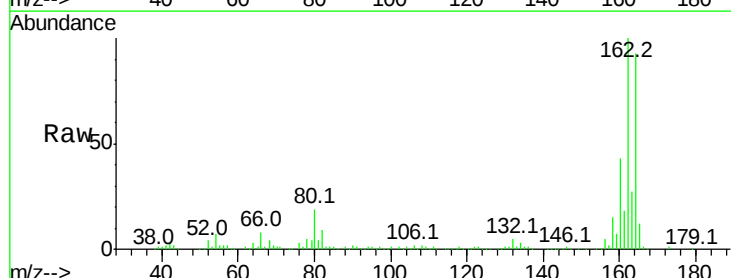
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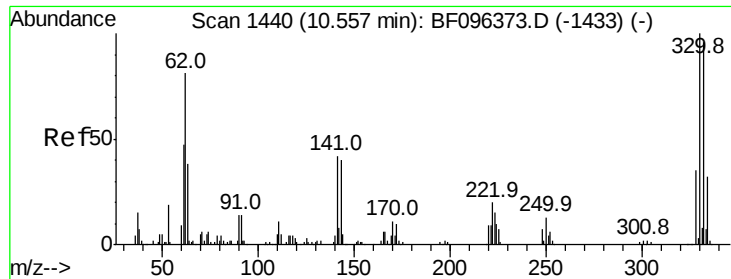
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096621.D
 Acq: 11 Jul 2017 00:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.6	123.8
160	46.3	36.2	54.2





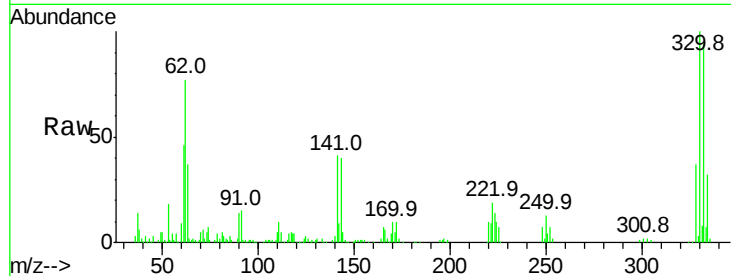
#41
 2,4,6-Tribromophenol
 Concen: 92.60 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096621.D
 Acq: 11 Jul 2017 00:33

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-070617-A

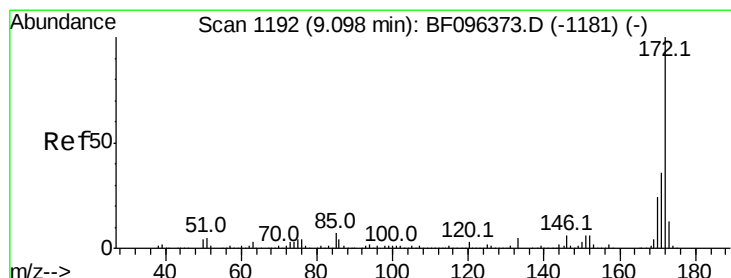
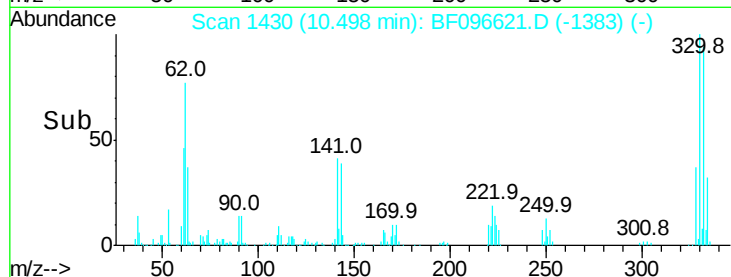
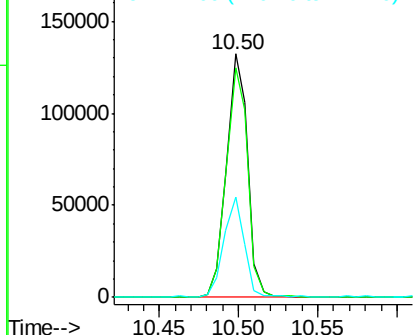
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	76.6	115.0	
141	39.5	31.4	47.2	

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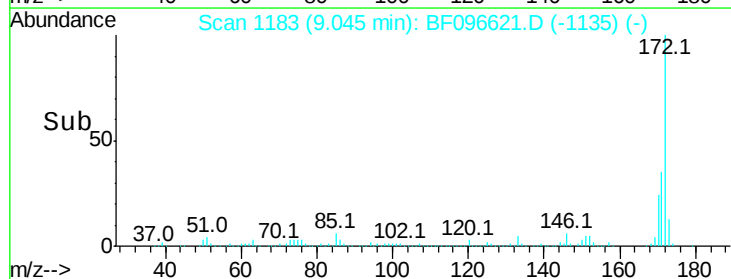
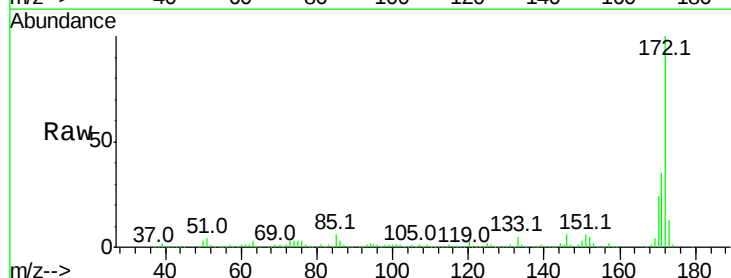
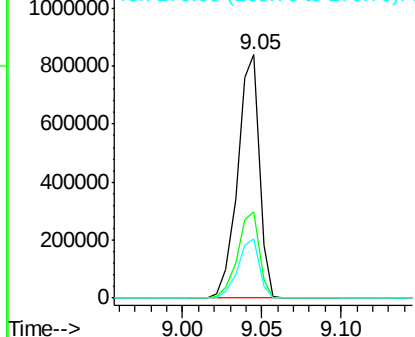
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

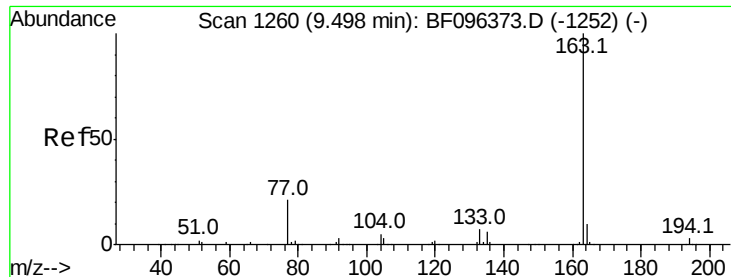


#44
 2-Fluorobiphenyl
 Concen: 80.49 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096621.D
 Acq: 11 Jul 2017 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.6	44.4	
170	24.4	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





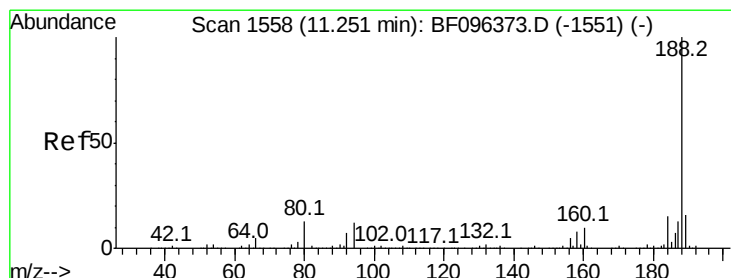
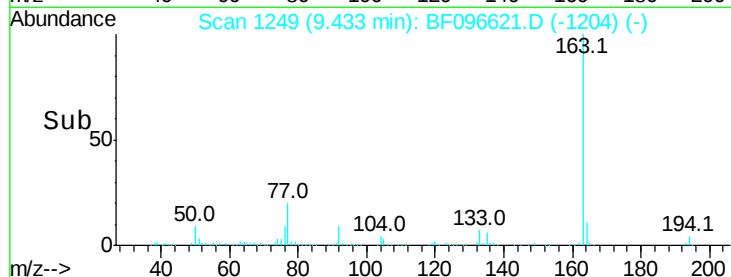
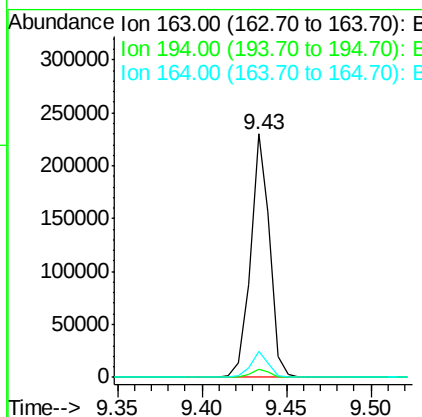
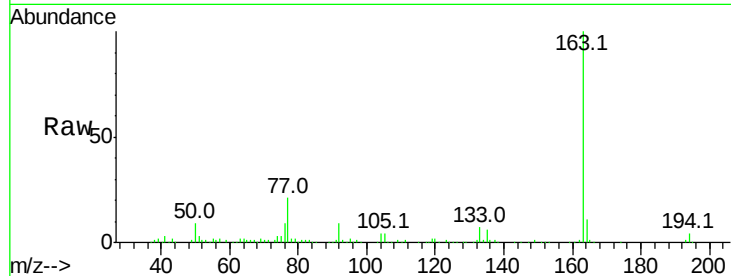
#49
Dimethylphthalate
Concen: 14.42 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096621.D
Acq: 11 Jul 2017 00:33

Instrument :
BNA_F
ClientSampleId :
BU-01-070617-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.5	8.4	12.6	

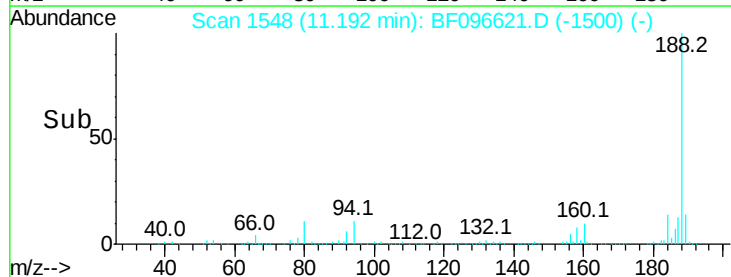
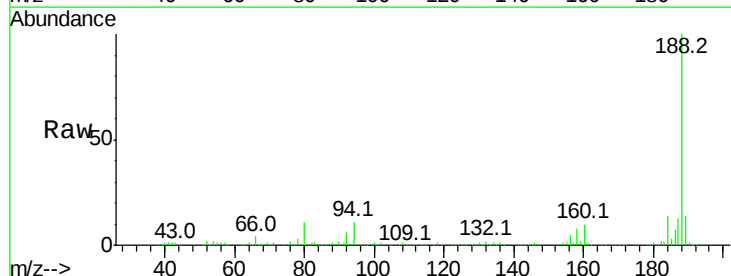
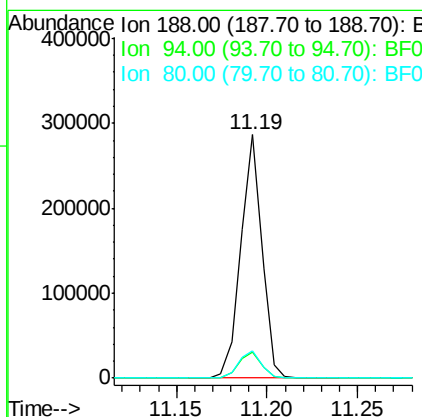
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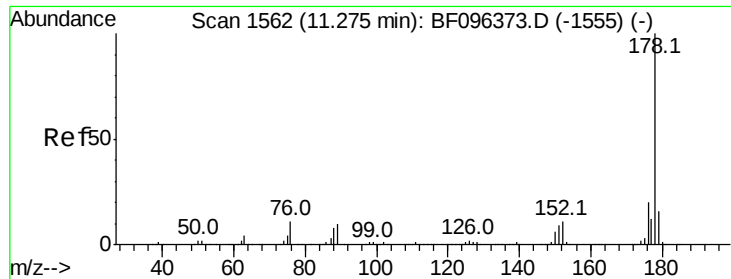
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096621.D
Acq: 11 Jul 2017 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	9.4	14.2	
80	11.1	10.2	15.2	





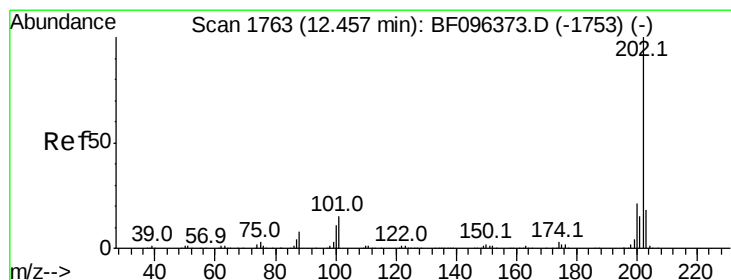
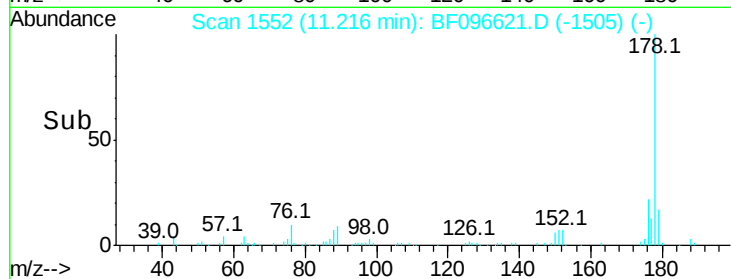
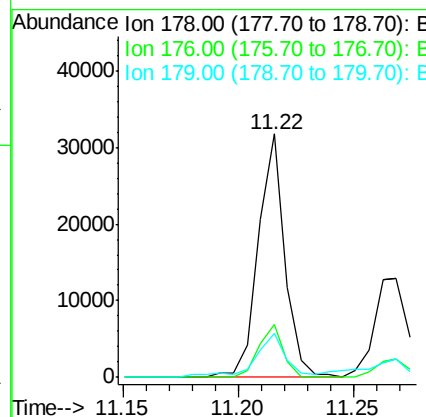
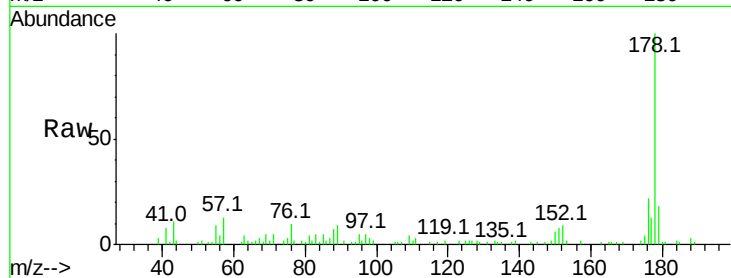
#70
Phenanthrene
Concen: 2.03 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF096621.D
Acq: 11 Jul 2017 00:33

Instrument :
BNA_F
ClientSampleId :
BU-01-070617-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.2	24.4
179	17.8	12.6	19.0

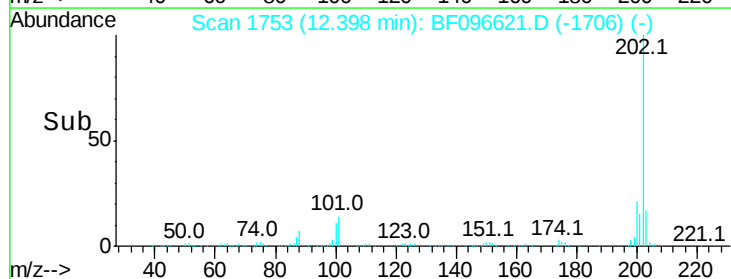
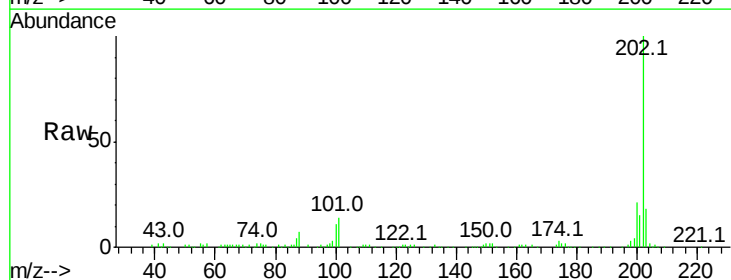
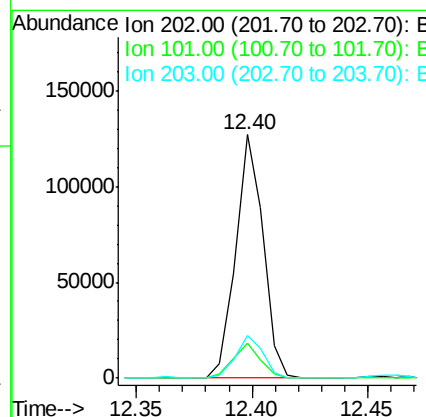
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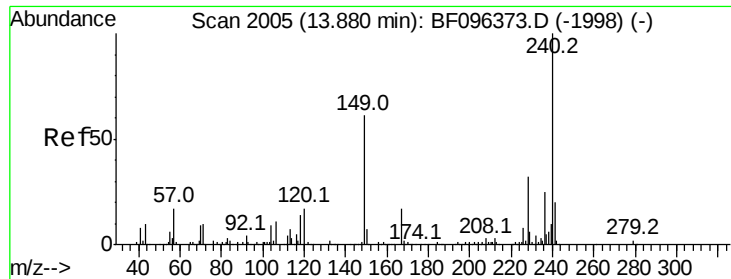
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#74
Fluoranthene
Concen: 8.55 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096621.D
Acq: 11 Jul 2017 00:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096621.D

Acq: 11 Jul 2017 00:33

Instrument :

BNA_F

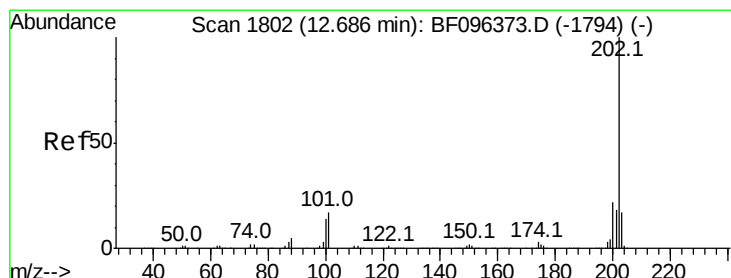
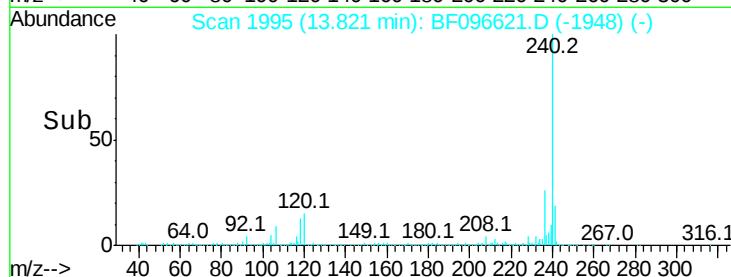
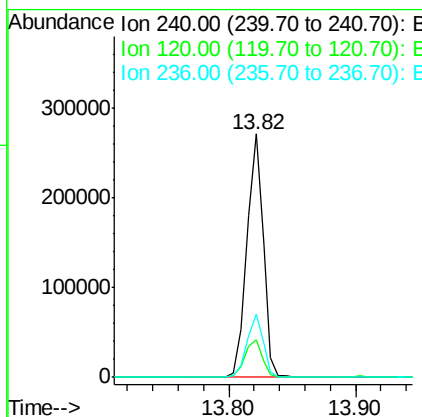
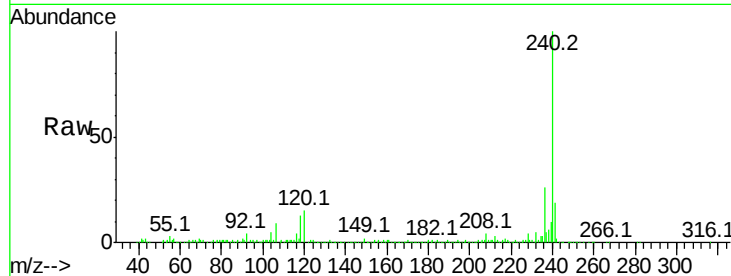
ClientSampleId :

BU-01-070617-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.2	20.5	30.7

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#77

Pyrene

Concen: 5.31 ng

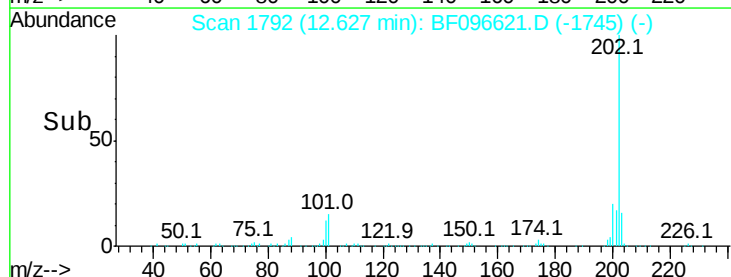
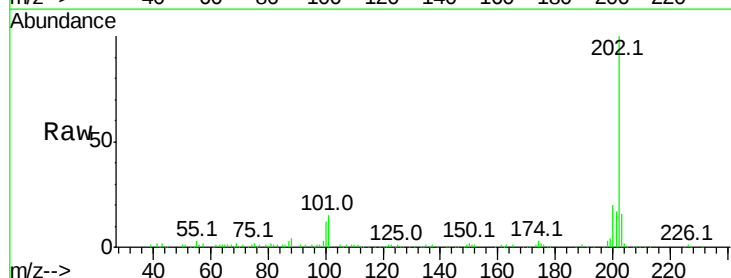
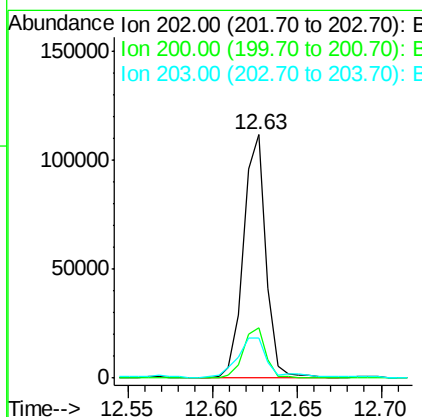
RT: 12.63 min Scan# 1792

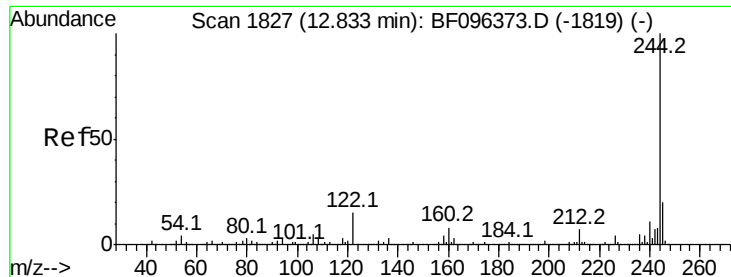
Delta R.T. -0.02 min

Lab File: BF096621.D

Acq: 11 Jul 2017 00:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	16.4	14.4	21.6





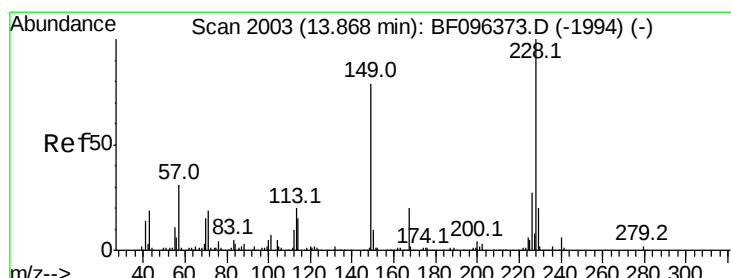
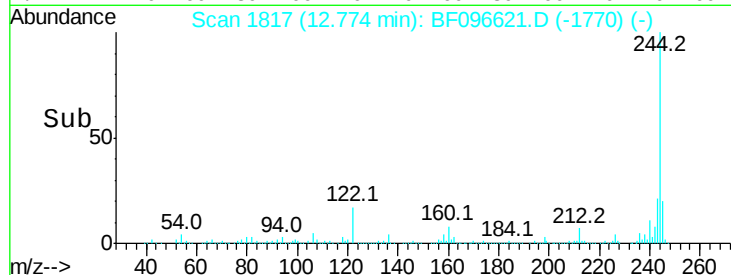
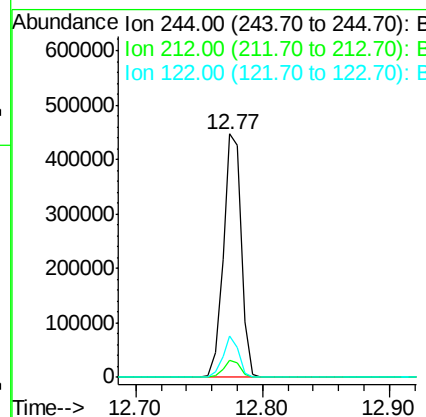
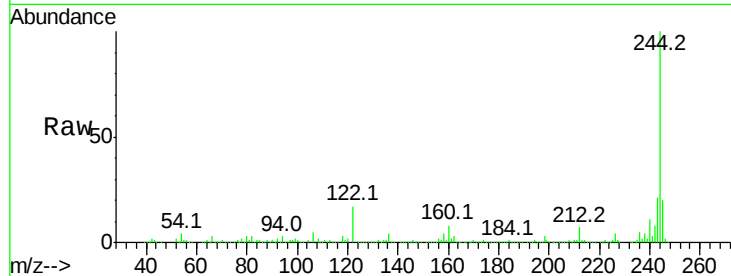
#78
 Terphenyl-d14
 Concen: 38.83 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF096621.D
 Acq: 11 Jul 2017 00:33

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-070617-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	16.8	10.3	15.5

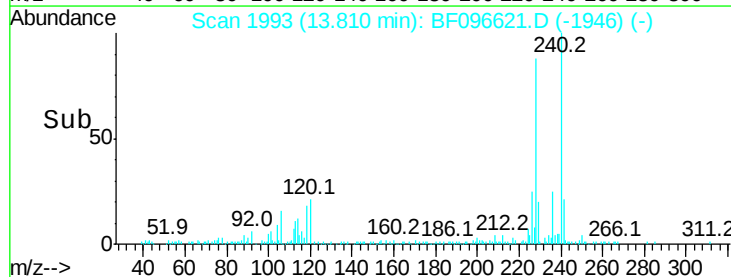
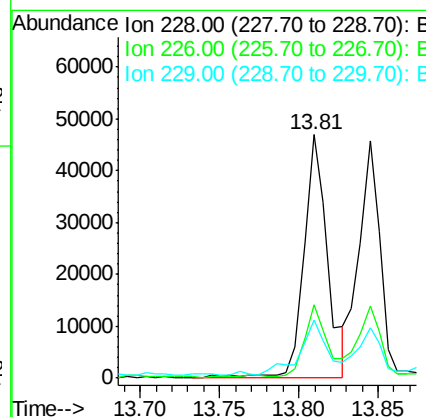
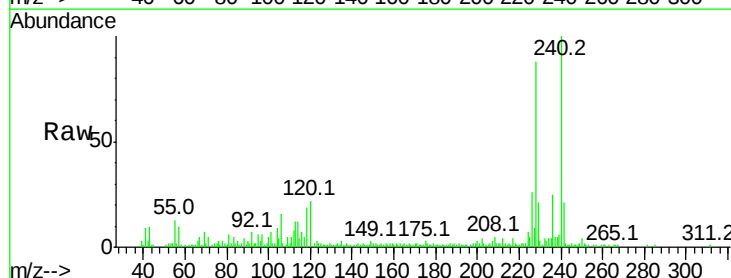
Manual Integrations
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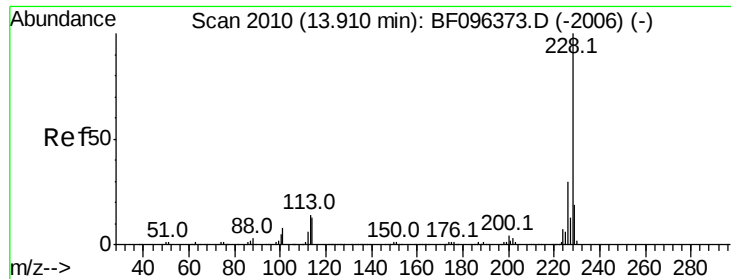
mohammad
 7/11/2017 1:35:30 PM



#80
 Benzo(a)anthracene
 Concen: 3.45 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF096621.D
 Acq: 11 Jul 2017 00:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	24.0	16.3	24.5





#82

Chrysene

Concen: 2.92 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF096621.D

Acq: 11 Jul 2017 00:33

Instrument :

BNA_F

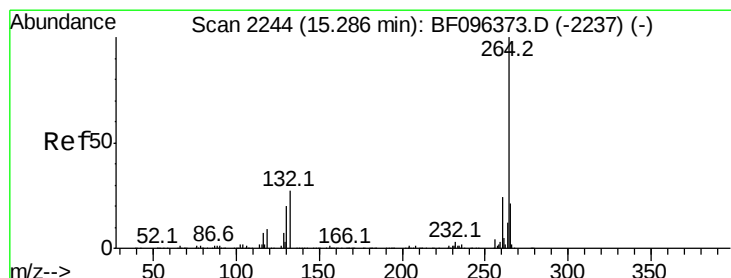
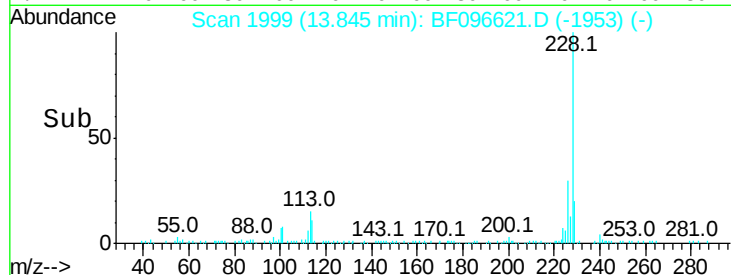
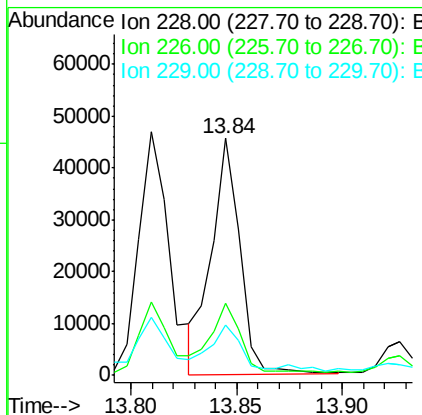
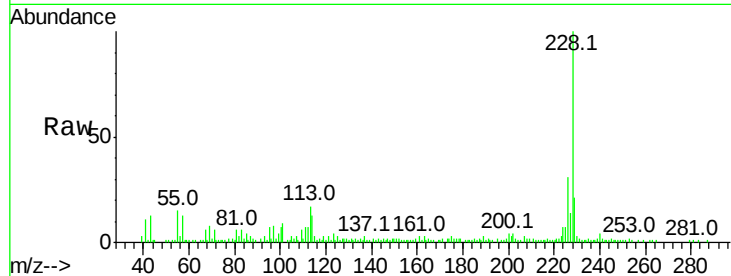
ClientSampleId :

BU-01-070617-A

Tot Ion:	228	Resp:	43138
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.9	37.3
229	21.3	15.8	23.6

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#86

Perylene-d12

Concen: 20.00 ng

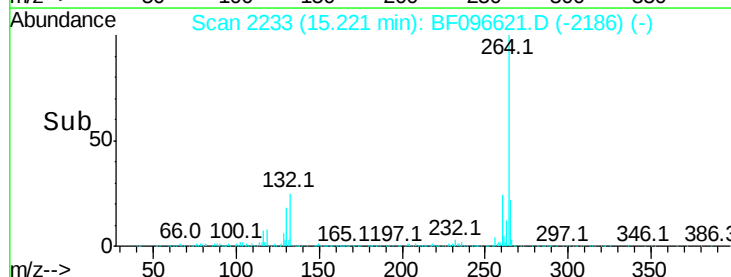
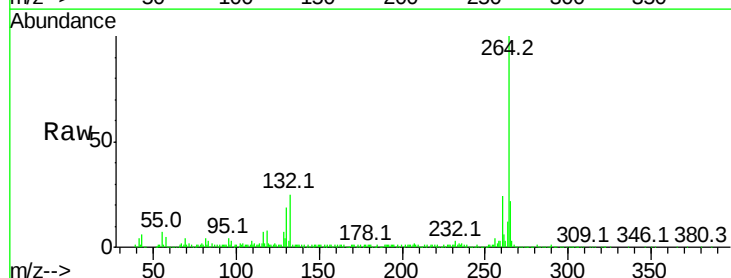
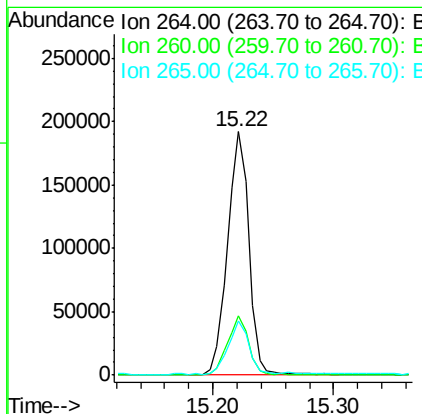
RT: 15.22 min Scan# 2233

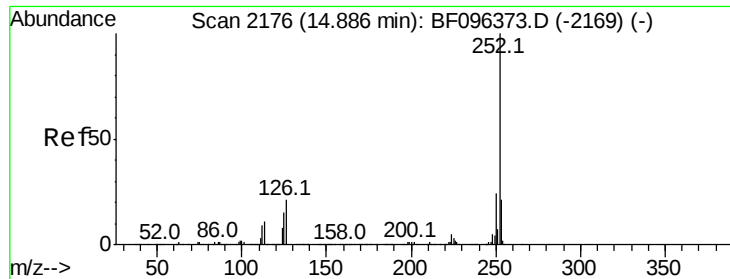
Delta R.T. -0.02 min

Lab File: BF096621.D

Acq: 11 Jul 2017 00:33

Tgt Ion:	264	Resp:	235140
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	22.1	17.2	25.8





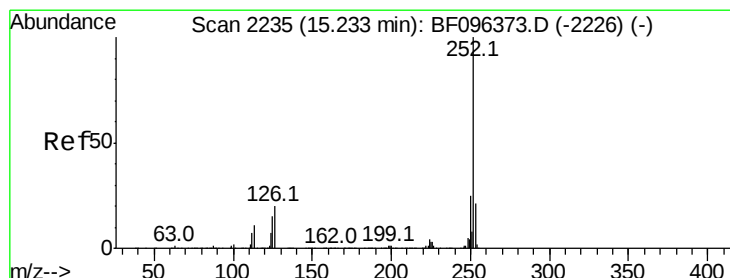
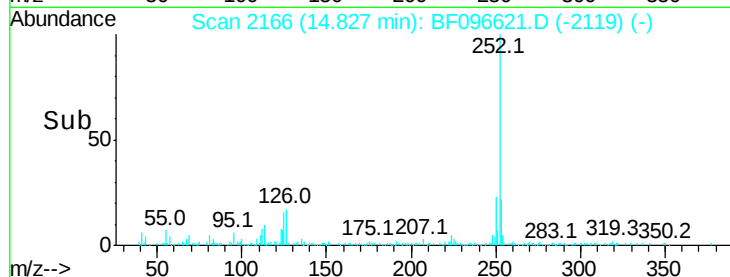
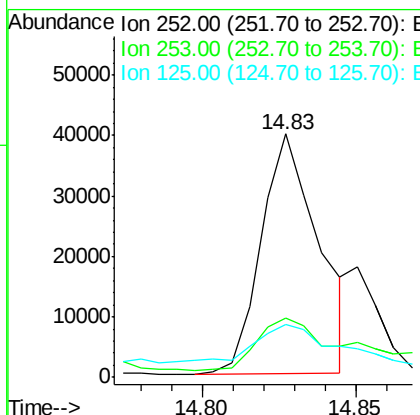
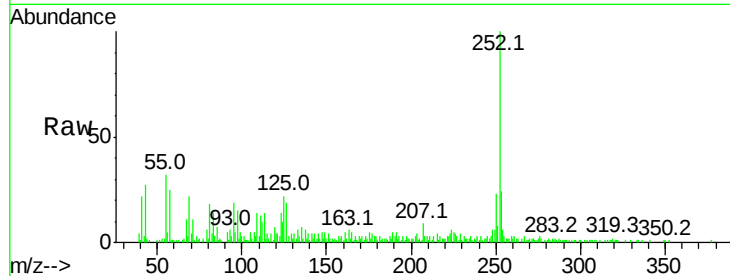
#87
Benzo(b)fluoranthene
Concen: 3.55 ng m
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF096621.D
Acq: 11 Jul 2017 00:33

Instrument :
BNA_F
ClientSampleId :
BU-01-070617-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	21.8	9.8	14.8#

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 2.66 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.03 min
Lab File: BF096621.D
Acq: 11 Jul 2017 00:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	22.1	11.0	16.4#

