

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096396.D
 Acq On : 1 Jul 2017 23:20
 Operator : SJ/MA
 Sample : I3959-10 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-D

Manual Integrations
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 7/3/2017 4:03:09 PM

Quant Time: Jul 03 03:03:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113998	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	364729	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	133378	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	253026	20.00	ng	0.00
75) Chrysene-d12	13.87	240	253811	20.00	ng	0.00
86) Perylene-d12	15.29	264	157041	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	401864	52.03	ng	0.00
7) Phenol-d6	6.36	99	529758	55.79	ng	-0.01
23) Nitrobenzene-d5	7.29	82	314848	51.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	16905	16.23	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	463140	59.37	ng	-0.01
78) Terphenyl-d14	12.83	244	445046	37.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	76037	7.637	ng	Qvalue 100
70) Phenanthrene	11.26	178	42730	3.124	ng	94
74) Fluoranthene	12.45	202	141617	10.560	ng	88
77) Pyrene	12.68	202	161590	7.932	ng	98
80) Benzo(a)anthracene	13.86	228	96913	6.594	ng	99
82) Chrysene	13.90	228	97932m	6.363	ng	
85) Indeno(1,2,3-cd)pyrene	16.65	276	30137	2.481	ng	99
87) Benzo(b)fluoranthene	14.88	252	92586m	9.409	ng	
88) Benzo(k)fluoranthene	14.90	252	30805m	3.500	ng	
89) Benzo(a)pyrene	15.22	252	62845	7.153	ng	# 86
91) Benzo(g,h,i)perylene	17.06	276	28867	4.031	ng	92

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

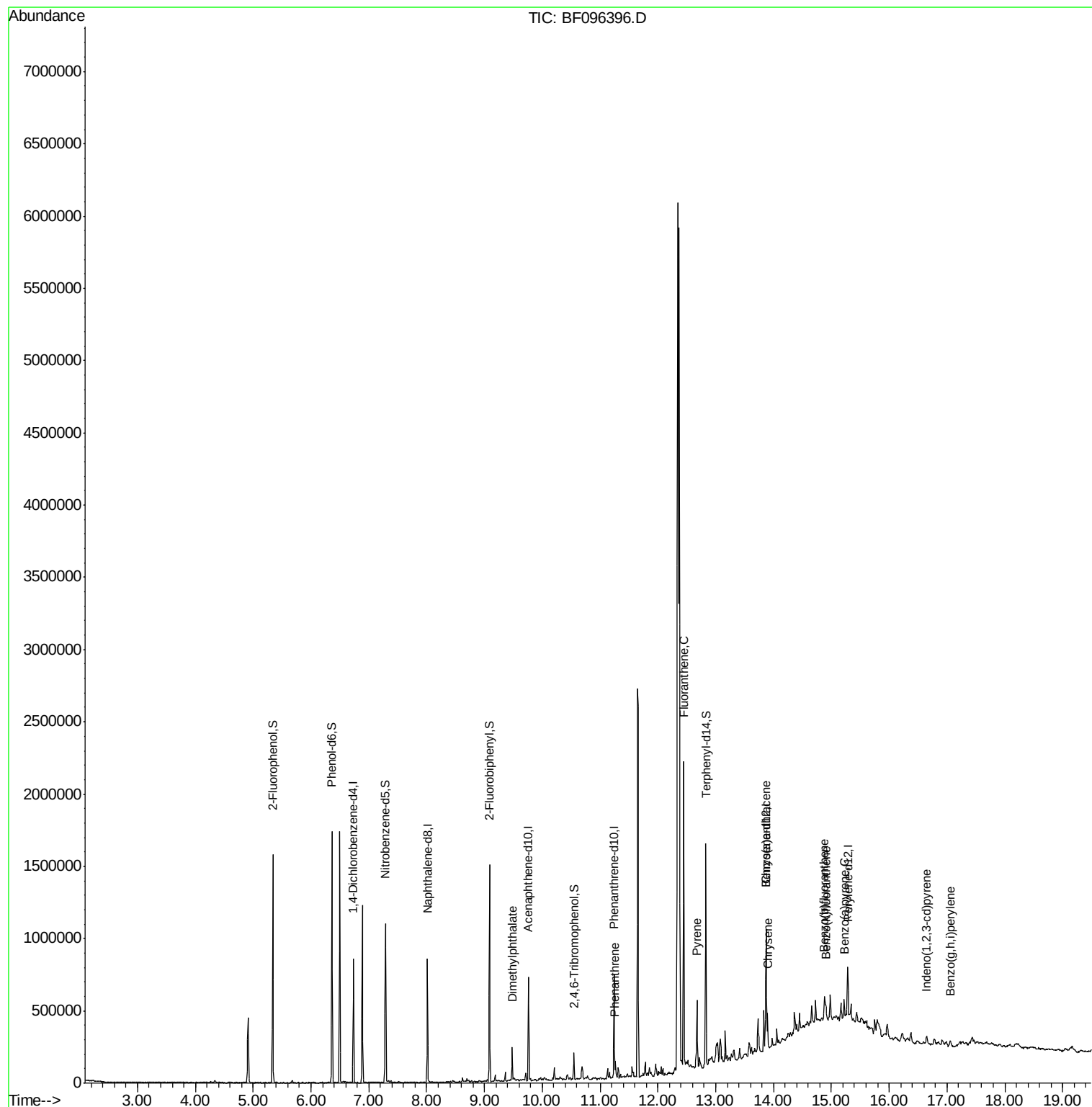
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096396.D
Acq On : 1 Jul 2017 23:20
Operator : SJ/MA
Sample : I3959-10 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

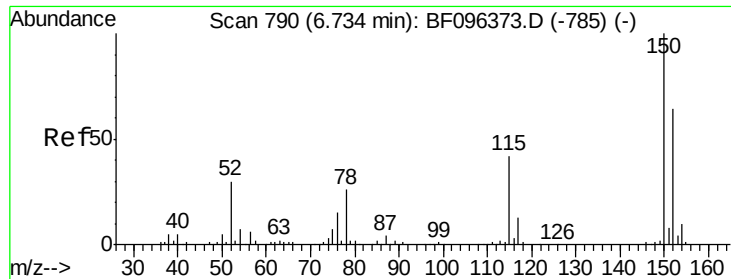
Instrument :
BNA_F
ClientSampleId :
BU-03-062717-D

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
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#1

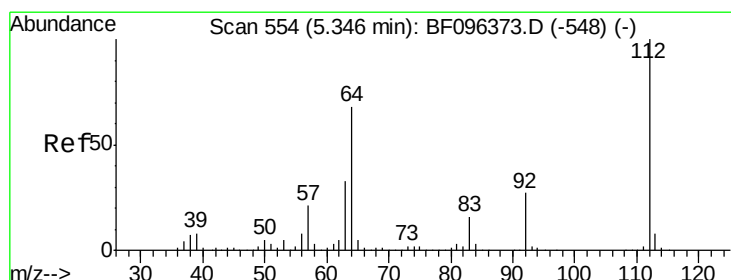
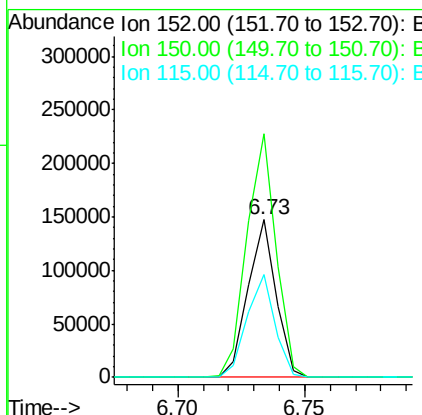
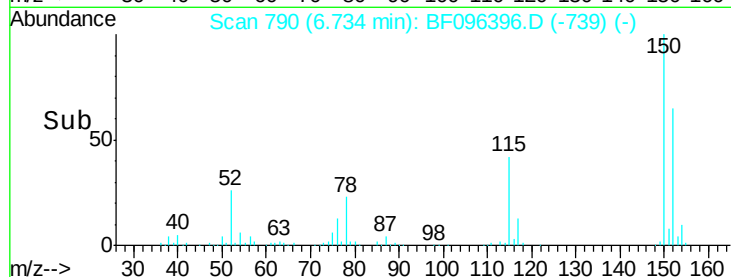
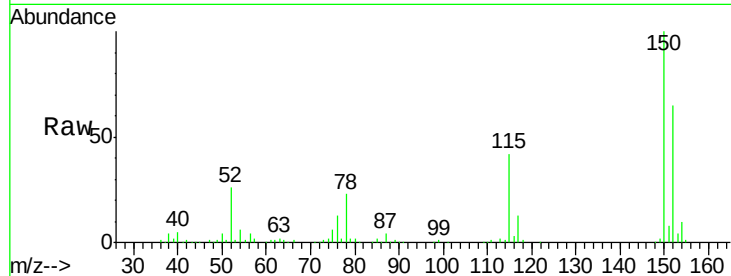
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-D

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	113998		
150	154.6	126.2	189.2	
115	64.9	52.2	78.2	

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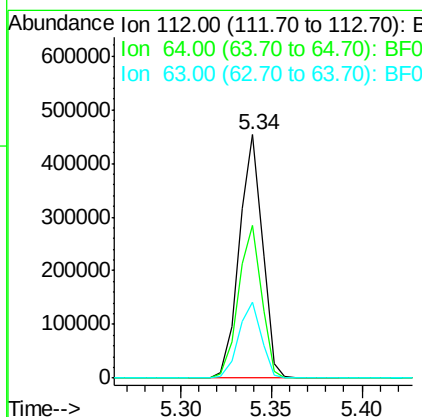
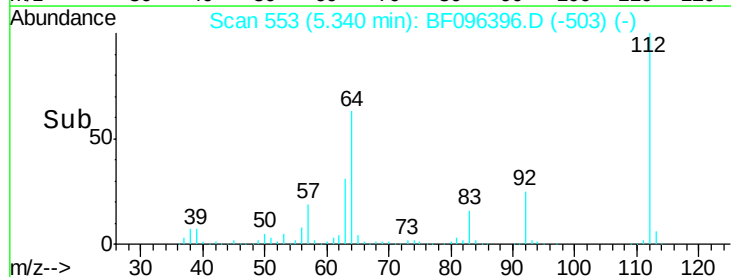
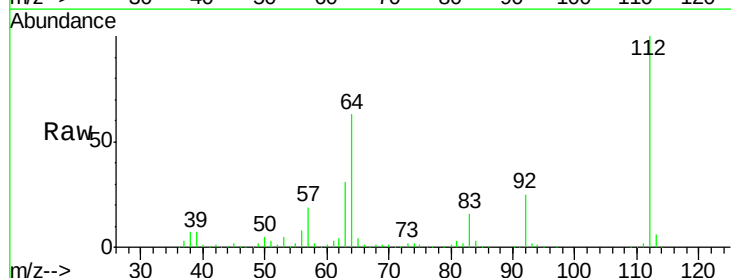
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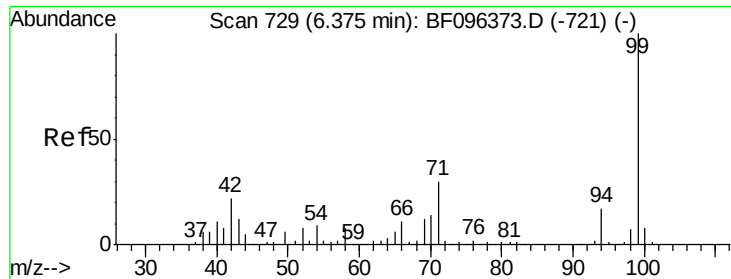


#5

2-Fluorophenol
Concen: 52.031 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	401864		
64	62.9	46.0	69.0	
63	31.4	23.4	35.0	





#7

Phenol-d6

Concen: 55.793 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096396.D

Acq: 1 Jul 2017 23:20

Instrument :

BNA_F

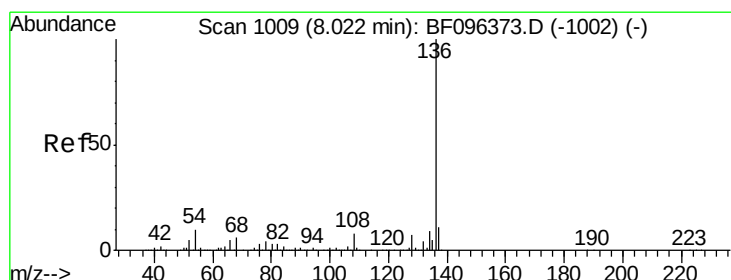
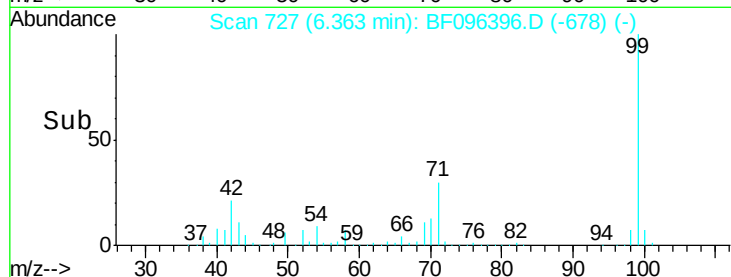
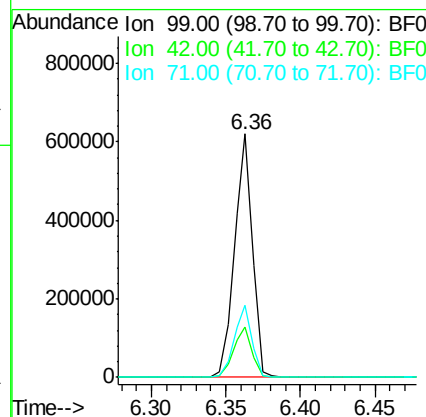
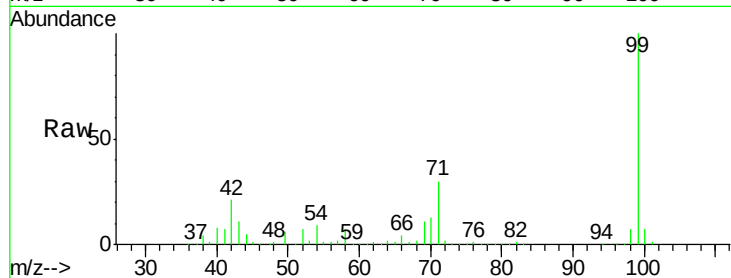
ClientSampleId :

BU-03-062717-D

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	529758		
42	20.9	13.5	20.3#	
71	29.9	24.5	36.7	

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#21

Naphthalene-d8

Concen: 20.000 ng

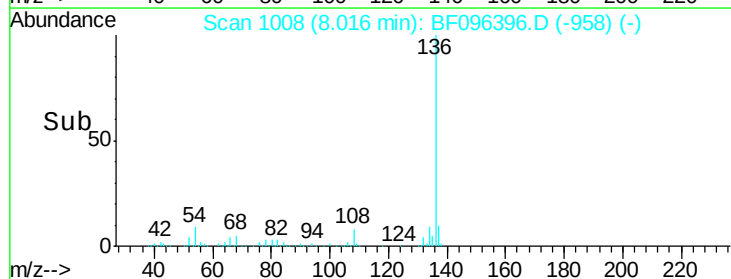
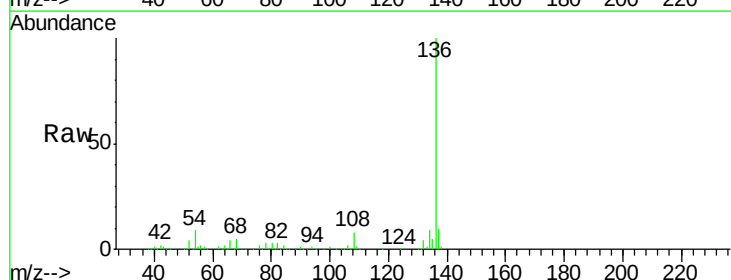
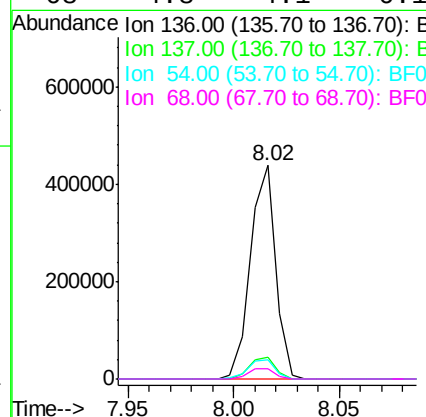
RT: 8.02 min Scan# 1008

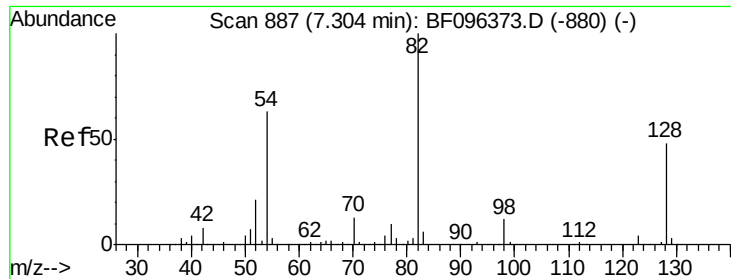
Delta R.T. -0.01 min

Lab File: BF096396.D

Acq: 1 Jul 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	364729		
137	10.4	8.5	12.7	
54	9.2	4.9	7.3#	
68	4.8	4.1	6.1	





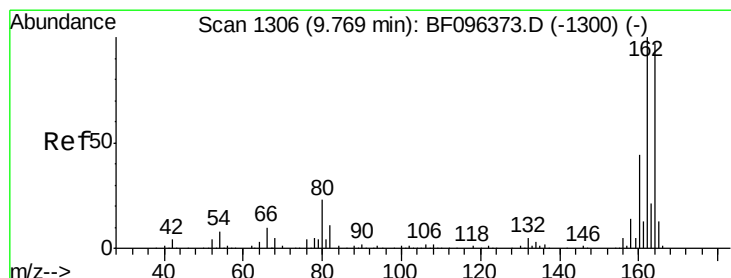
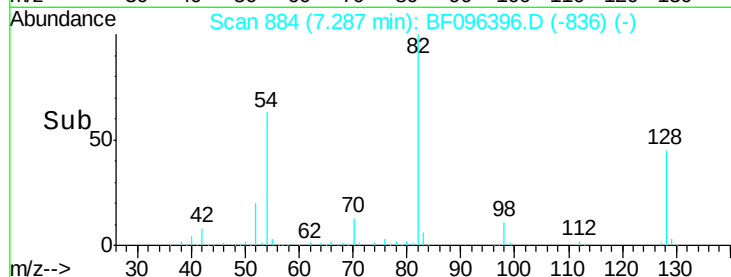
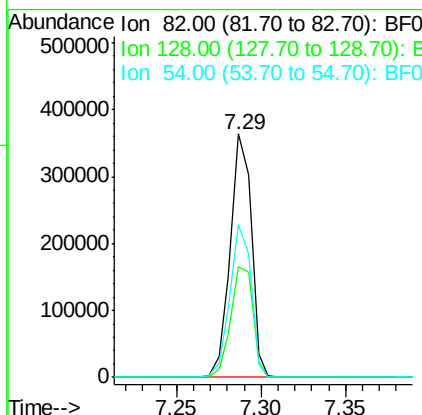
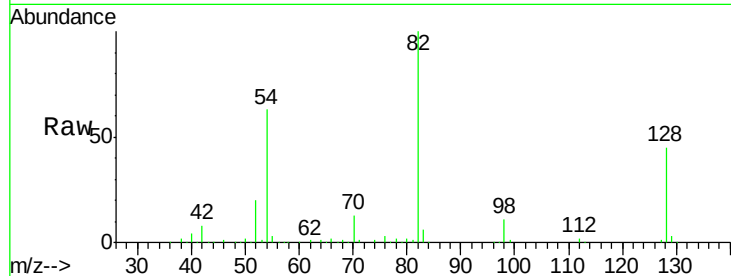
#23
 Nitrobenzene-d5
 Concen: 51.873 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096396.D
 Acq: 1 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-D

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	314848		
128	45.2	34.0	51.0	
54	62.7	42.2	63.2	

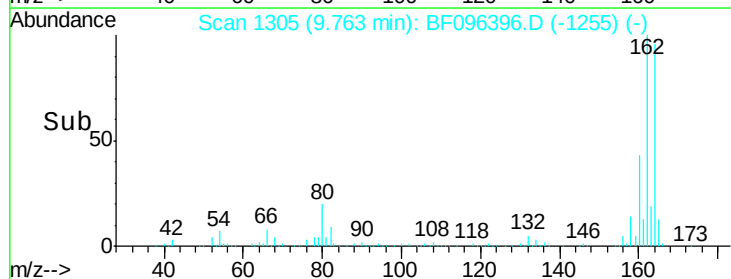
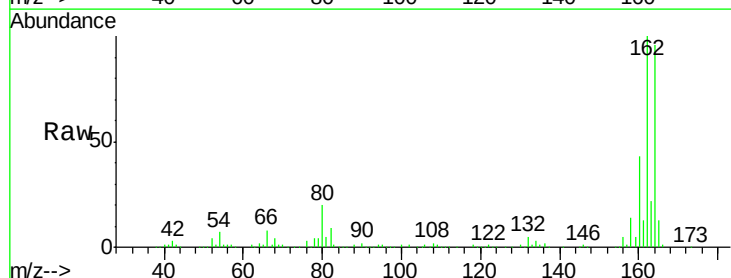
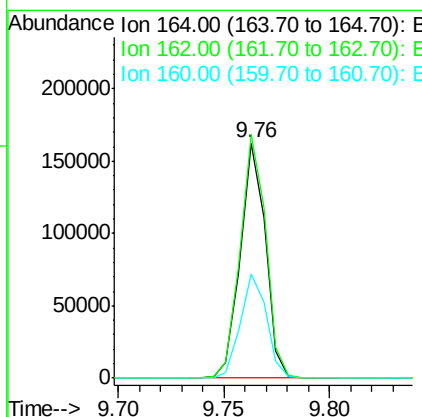
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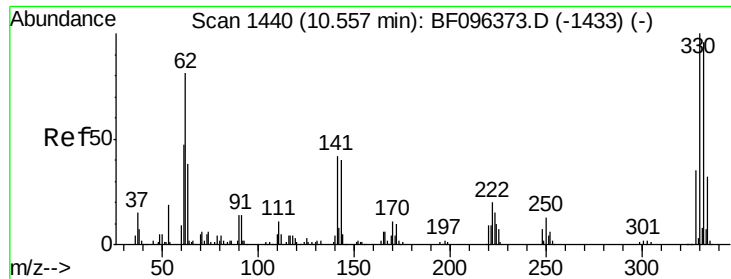
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096396.D
 Acq: 1 Jul 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133378		
162	103.7	82.6	123.8	
160	44.1	36.2	54.2	





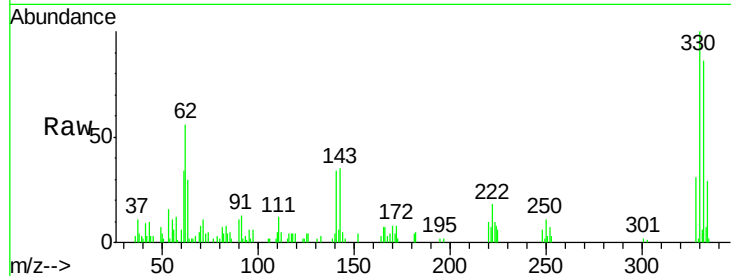
#41
 2,4,6-Tribromophenol
 Concen: 16.226 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096396.D
 Acq: 1 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-D

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	16905		
332	89.5	76.6	115.0	
141	36.3	31.4	47.2	

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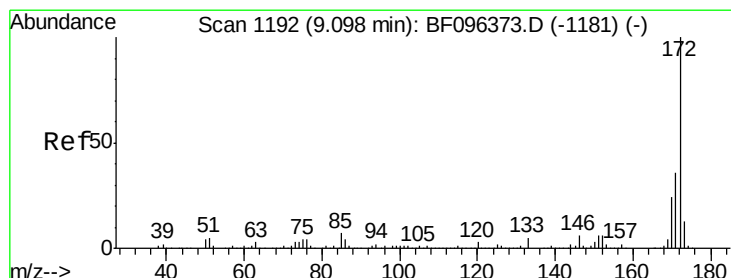
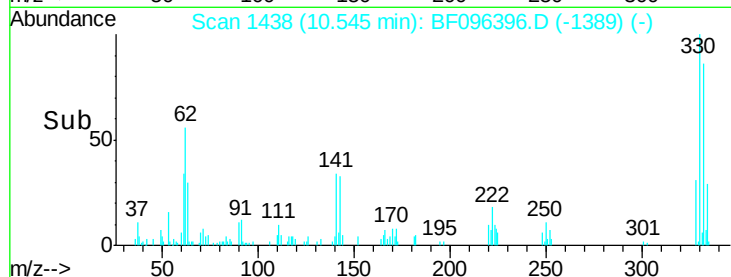
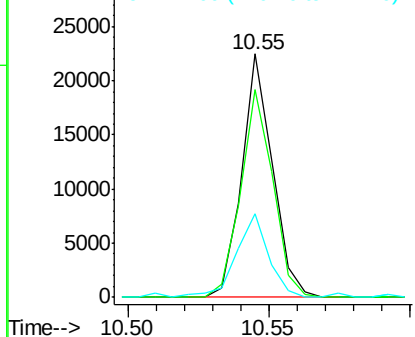


Abundance

Ion 329.80 (329.50 to 330.50): E

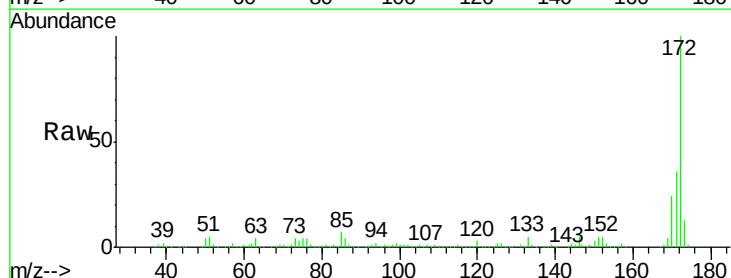
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 59.370 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096396.D
 Acq: 1 Jul 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	463140		
171	35.9	29.6	44.4	
170	23.8	19.8	29.8	

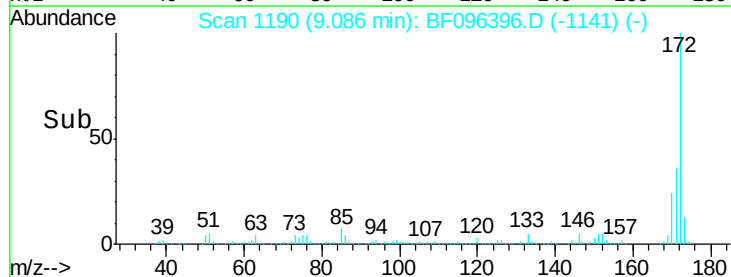
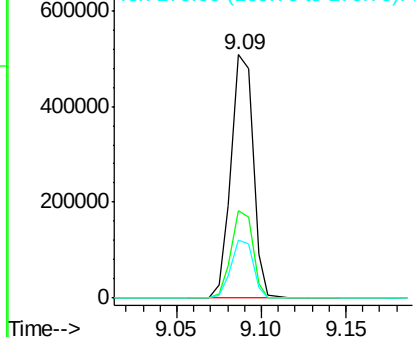


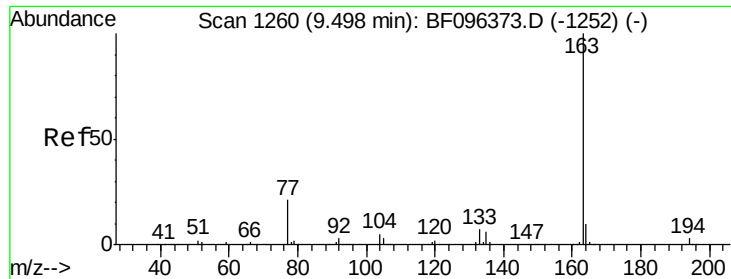
Abundance

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





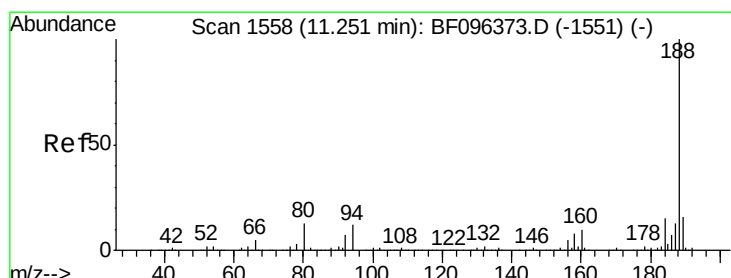
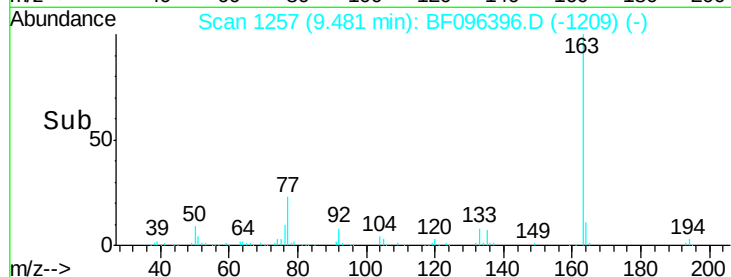
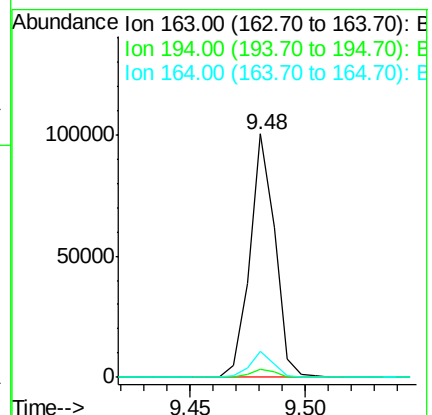
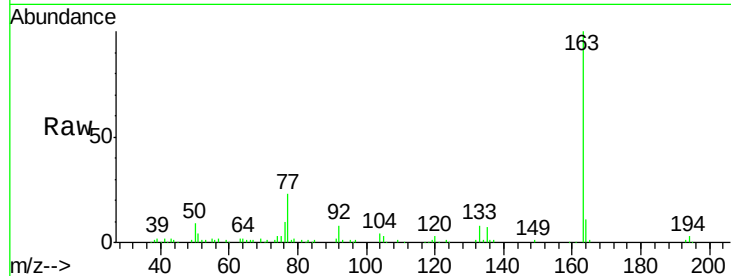
#49
Dimethylphthalate
Concen: 7.637 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-D

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	76037		
194	3.3		2.6	4.0
164	10.6		8.4	12.6

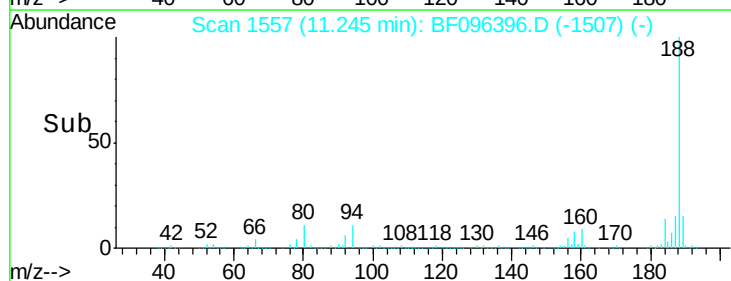
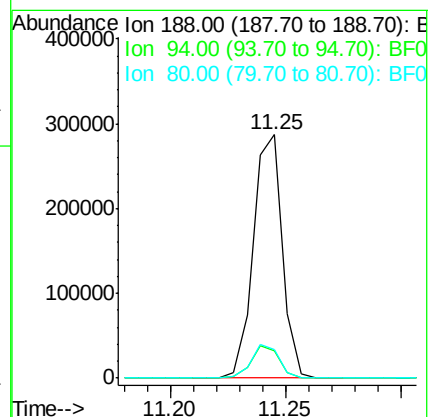
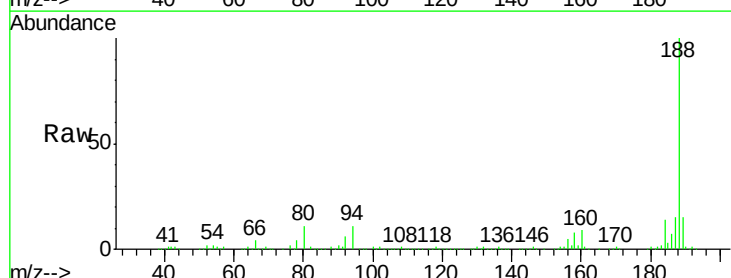
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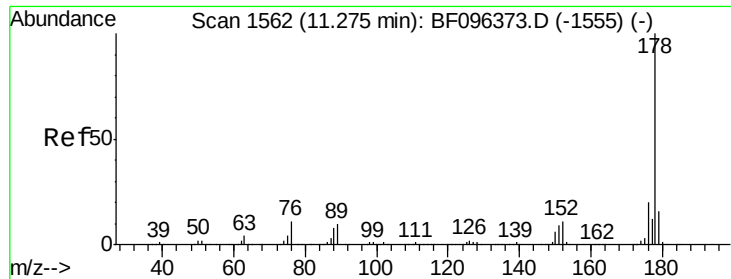
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	253026		
94	11.3		9.4	14.2
80	11.5		10.2	15.2





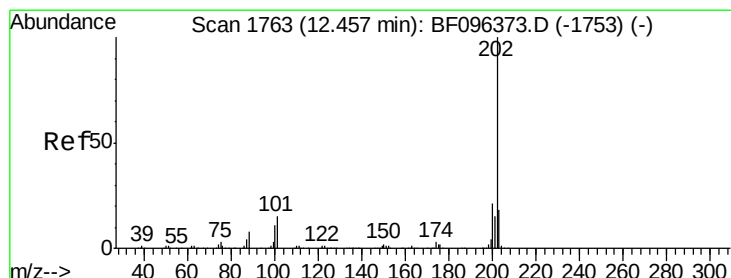
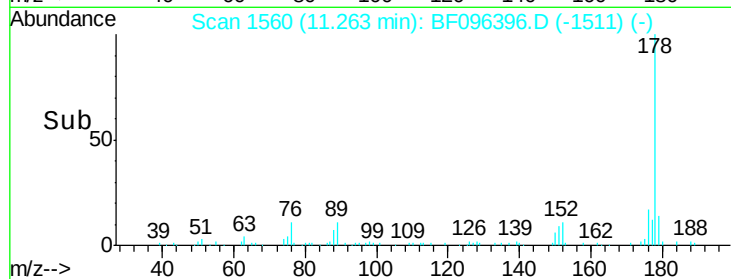
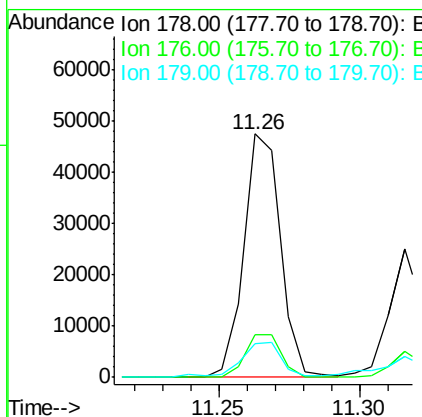
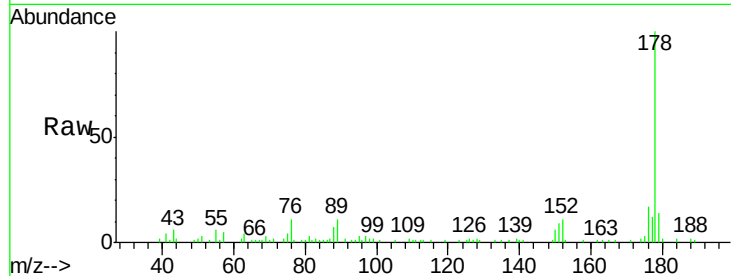
#70
 Phenanthrene
 Concen: 3.124 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF096396.D
 Acq: 1 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-D

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.3	16.2	24.4
179	13.7	12.6	19.0

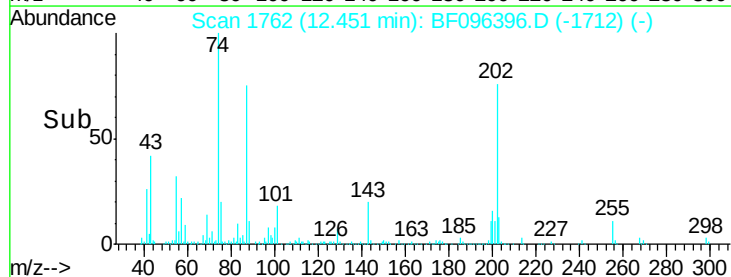
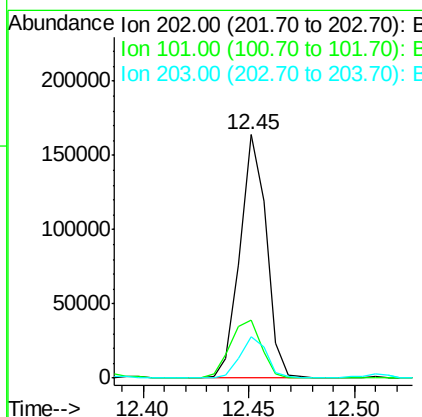
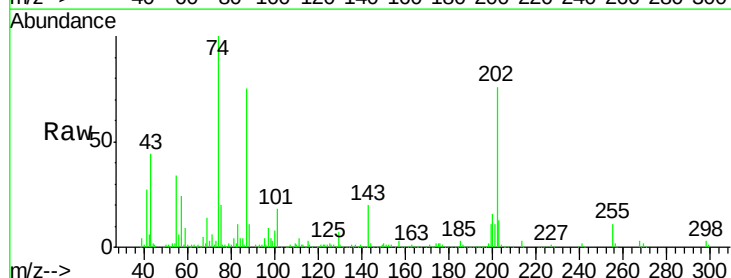
Manual Integrations
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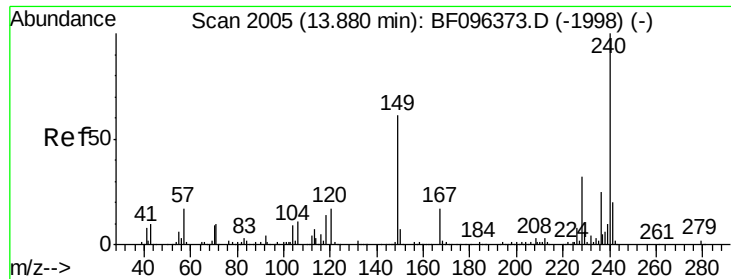
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#74
 Fluoranthene
 Concen: 10.560 ng
 RT: 12.45 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: BF096396.D
 Acq: 1 Jul 2017 23:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	23.6	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096396.D

Acq: 1 Jul 2017 23:20

Instrument :

BNA_F

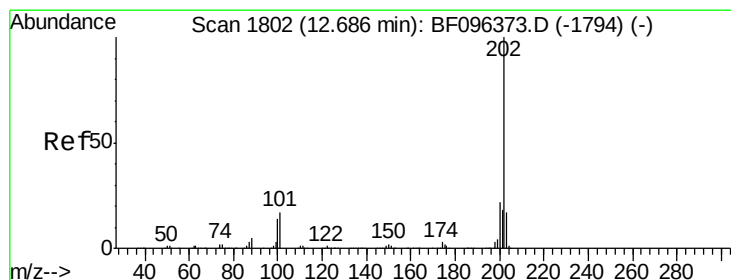
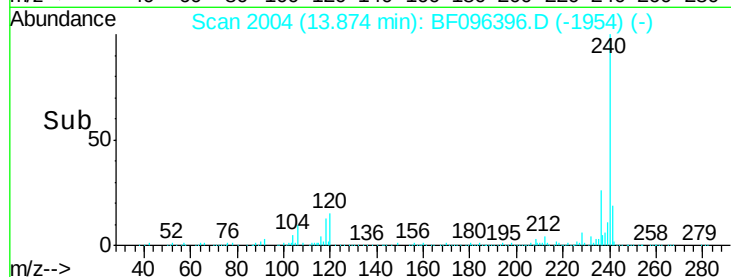
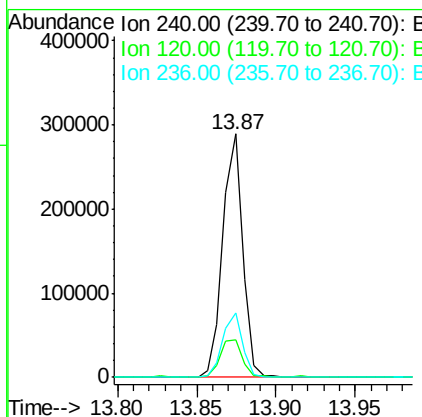
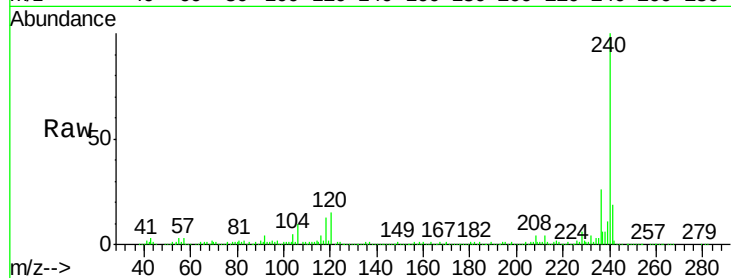
ClientSampleId :

BU-03-062717-D

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	253811		
120	15.3	5.8	8.8#	
236	26.4	20.5	30.7	

Manual Integrations
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#77

Pyrene

Concen: 7.932 ng

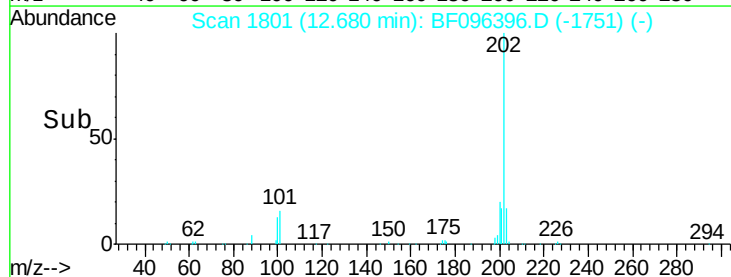
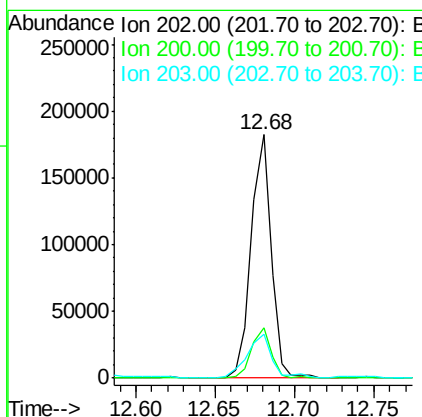
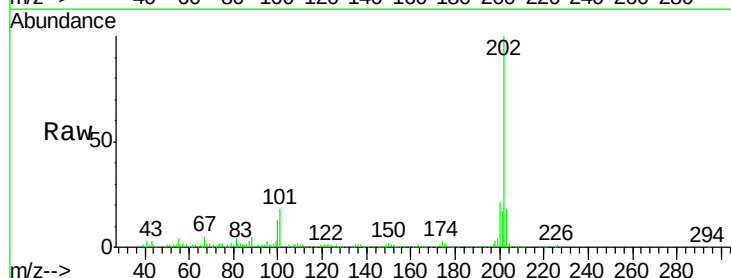
RT: 12.68 min Scan# 1801

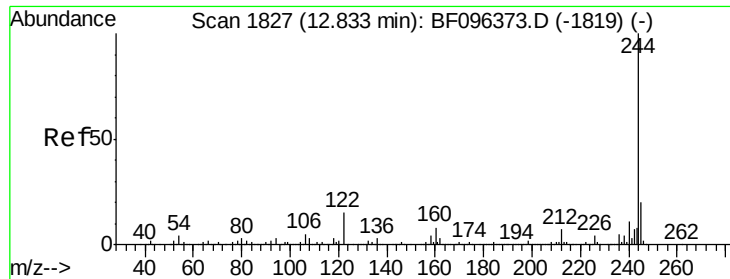
Delta R.T. -0.01 min

Lab File: BF096396.D

Acq: 1 Jul 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	161590		
200	20.6	17.6	26.4	
203	18.0	14.4	21.6	





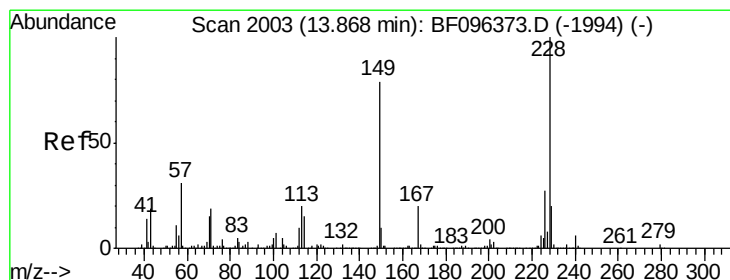
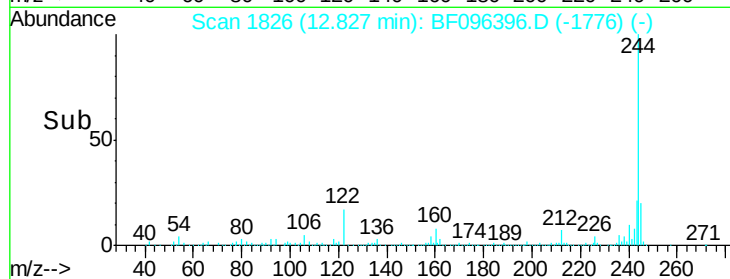
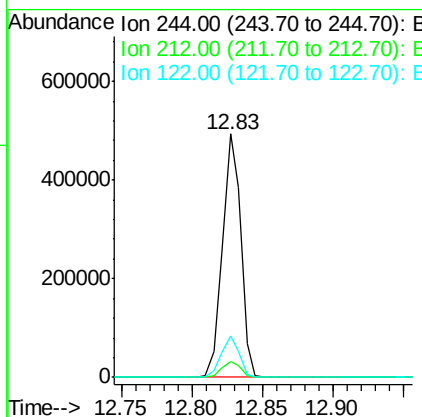
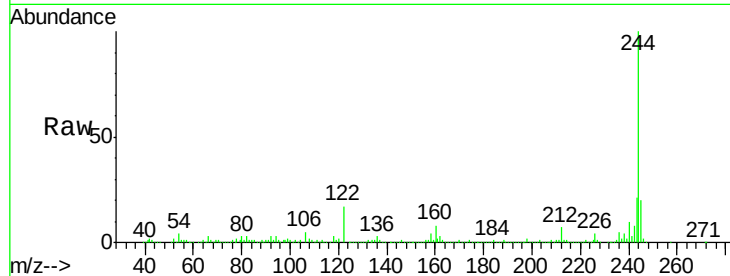
#78
 Terphenyl-d14
 Concen: 37.468 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096396.D
 Acq: 1 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-D

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	17.2	10.3	15.5#

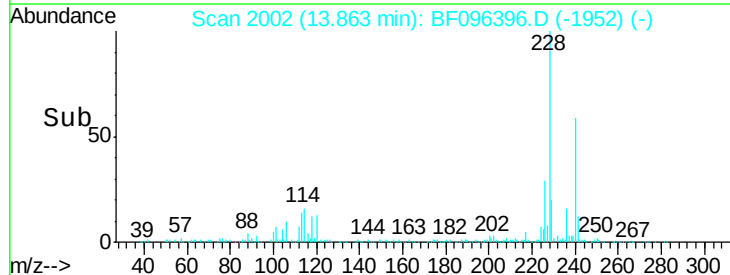
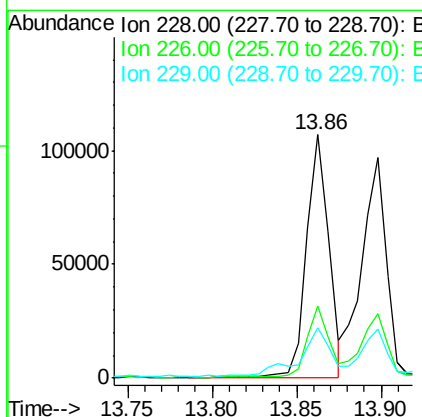
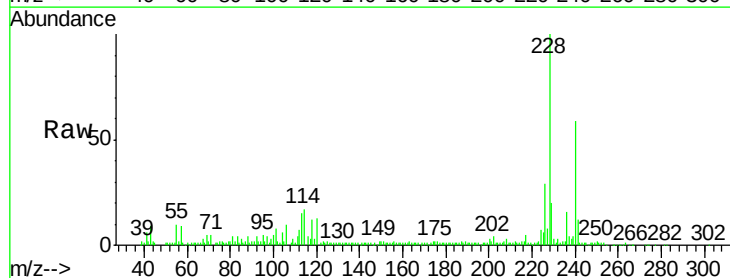
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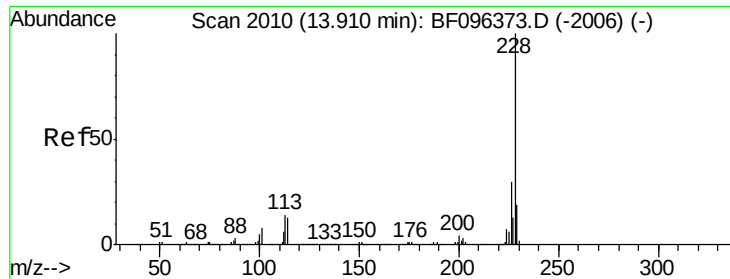
mohammad
 7/3/2017 4:03:09 PM



#80
 Benzo(a)anthracene
 Concen: 6.594 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096396.D
 Acq: 1 Jul 2017 23:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.5	16.3	24.5





#82

Chrysene

Concen: 6.363 ng m

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF096396.D

Acq: 1 Jul 2017 23:20

Instrument :

BNA_F

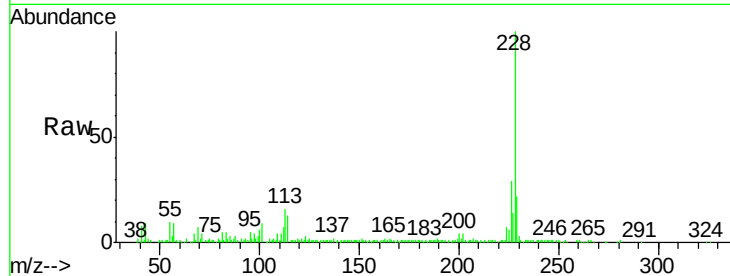
ClientSampleId :

BU-03-062717-D

Tgt Ion:	228	Resp:	97932
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.9	37.3
229	22.0	15.8	23.6

Manual Integrations
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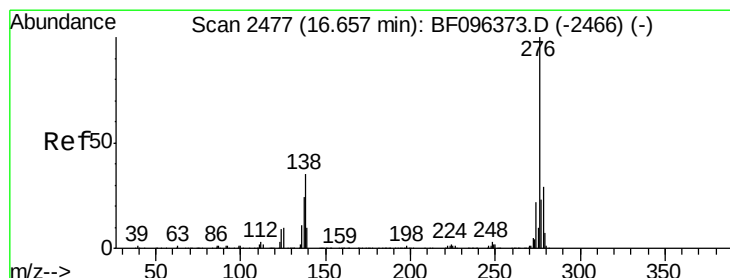
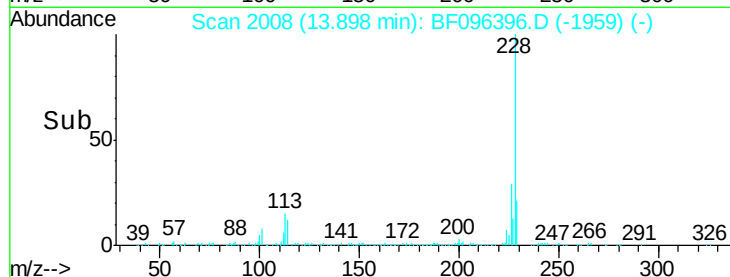
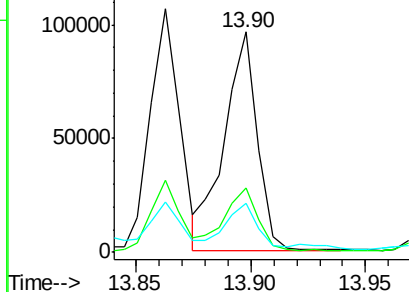
mohammad
7/3/2017 4:03:09 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.481 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BF096396.D

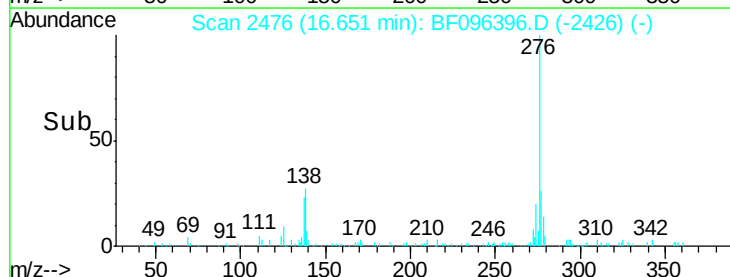
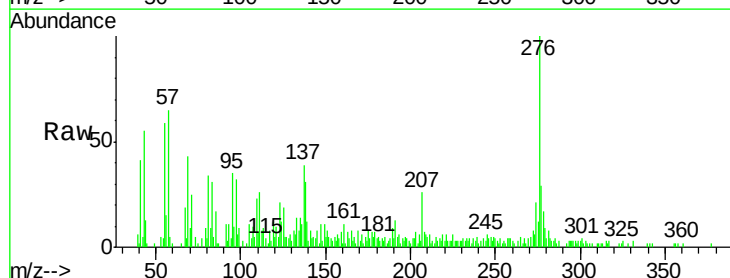
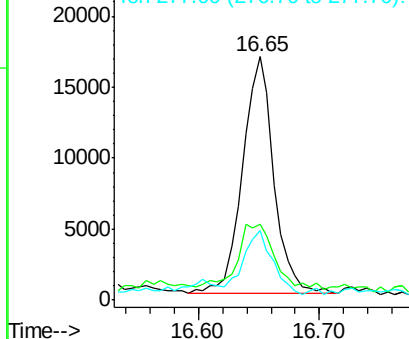
Acq: 1 Jul 2017 23:20

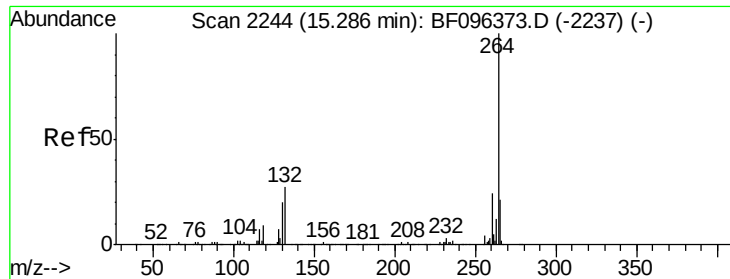
Tgt Ion:	276	Resp:	30137
Ion Ratio	Lower	Upper	
276	100		
138	33.7	27.8	41.6
277	25.4	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





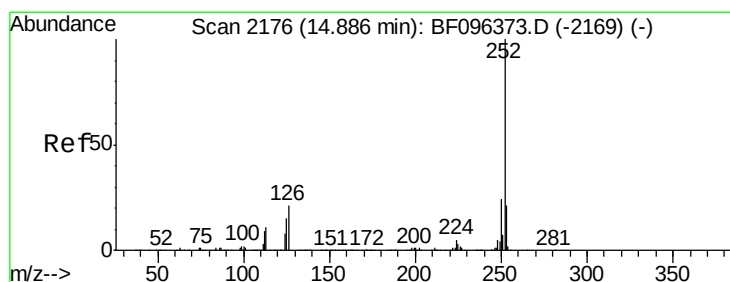
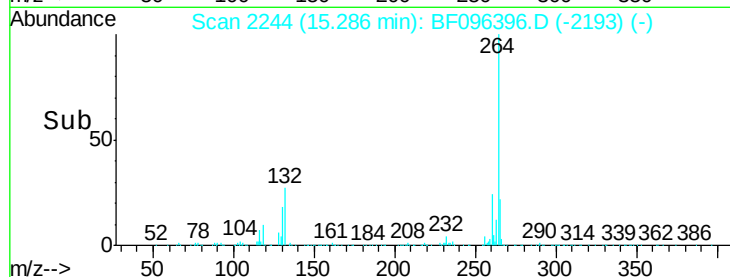
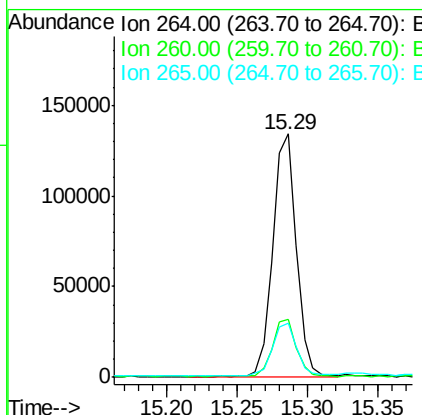
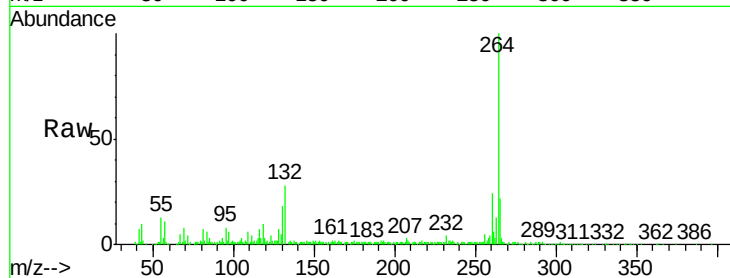
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.3	17.2	25.8

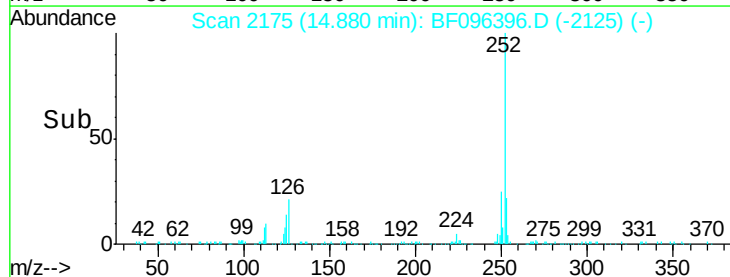
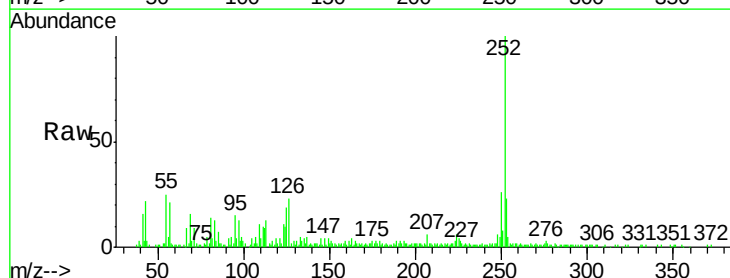
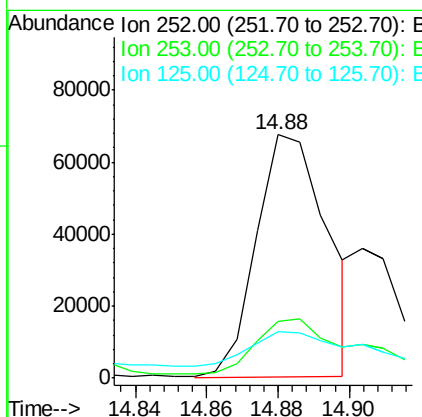
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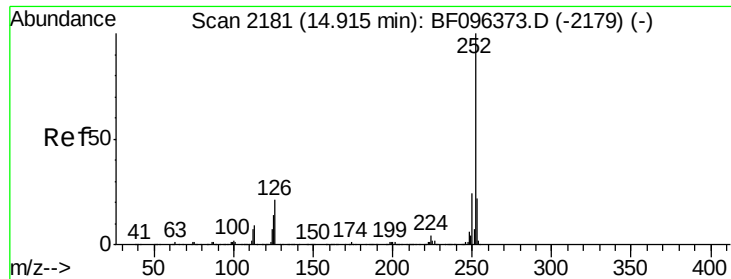
mohammad
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#87
Benzo(b)fluoranthene
Concen: 9.409 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096396.D
Acq: 1 Jul 2017 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	19.1	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 3.500 ng m

RT: 14.90 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF096396.D

Acq: 1 Jul 2017 23:20

Instrument :

BNA_F

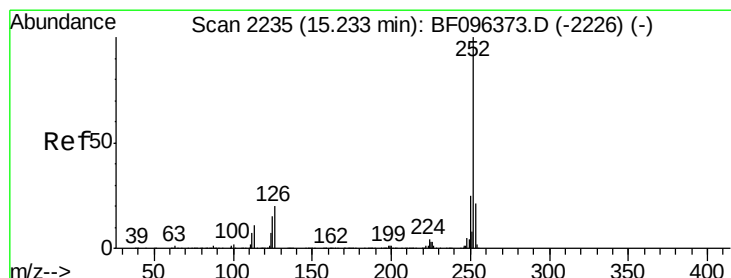
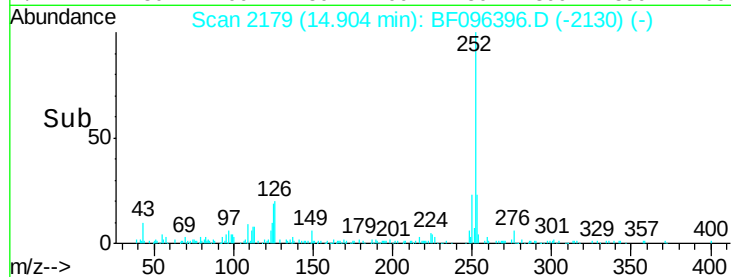
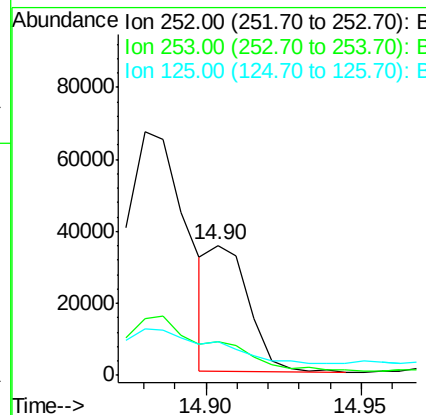
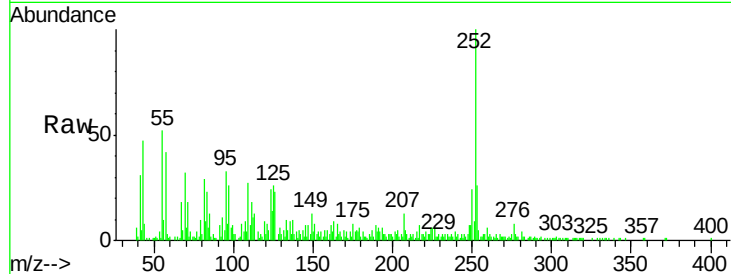
ClientSampleId :

BU-03-062717-D

Tgt Ion:	252	Resp:	30805
Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.4	27.6
125	25.6	13.1	19.7#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 7.153 ng

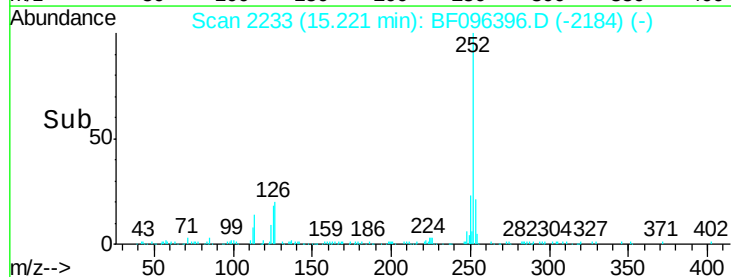
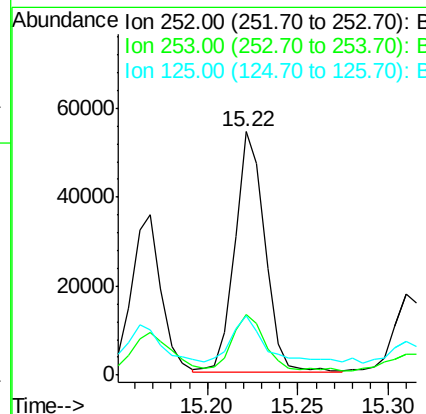
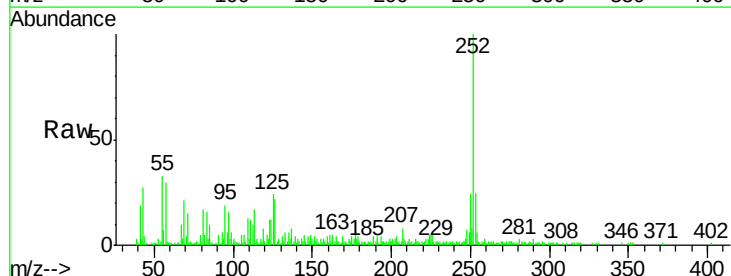
RT: 15.22 min Scan# 2233

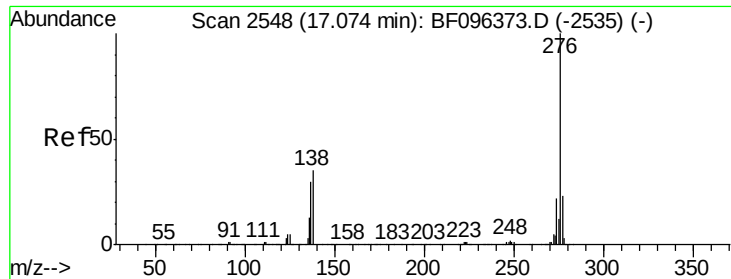
Delta R.T. -0.01 min

Lab File: BF096396.D

Acq: 1 Jul 2017 23:20

Tgt Ion:	252	Resp:	62845
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.5	26.3
125	24.3	11.0	16.4#





#91
 Benzo(g,h,i)perylene
 Concen: 4.031 ng
 RT: 17.06 min Scan# 2545
 Delta R.T. -0.02 min
 Lab File: BF096396.D
 Acq: 1 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-D

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	25.3	18.6	28.0
138	37.6	25.4	38.0

Manual Integrations
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mohammad
 7/3/2017 4:03:09 PM

