

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
 Data File : BF096428.D
 Acq On : 2 Jul 2017 20:50
 Operator : SJ/MA
 Sample : I3950-08 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5-2-4

Manual Integrations
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Quant Time: Jul 03 14:42:58 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	161155	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	568602	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	211082	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	342588	20.00	ng	0.00
75) Chrysene-d12	13.88	240	224995	20.00	ng	0.00
86) Perylene-d12	15.29	264	162864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	200618	18.37	ng	0.00
7) Phenol-d6	6.36	99	242608	18.07	ng	-0.01
23) Nitrobenzene-d5	7.29	82	137568	14.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	31878	19.33	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	252253	20.43	ng	0.00
78) Terphenyl-d14	12.83	244	152950	14.53	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	36228	2.299	ng	Qvalue # 99
70) Phenanthrene	11.27	178	81134	4.381	ng	97
71) Anthracene	11.32	178	57745	3.060	ng	98
74) Fluoranthene	12.46	202	136497	7.517	ng	97
77) Pyrene	12.68	202	139597	7.730	ng	98
80) Benzo(a)anthracene	13.87	228	60112	4.614	ng	93
82) Chrysene	13.90	228	70941m	5.199	ng	
85) Indeno(1,2,3-cd)pyrene	16.66	276	30503	2.832	ng	98
87) Benzo(b)fluoranthene	14.89	252	83914m	8.223	ng	
88) Benzo(k)fluoranthene	14.91	252	29855m	3.271	ng	
89) Benzo(a)pyrene	15.23	252	41708	4.578	ng	# 88
91) Benzo(g,h,i)perylene	17.07	276	28025	3.773	ng	94

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

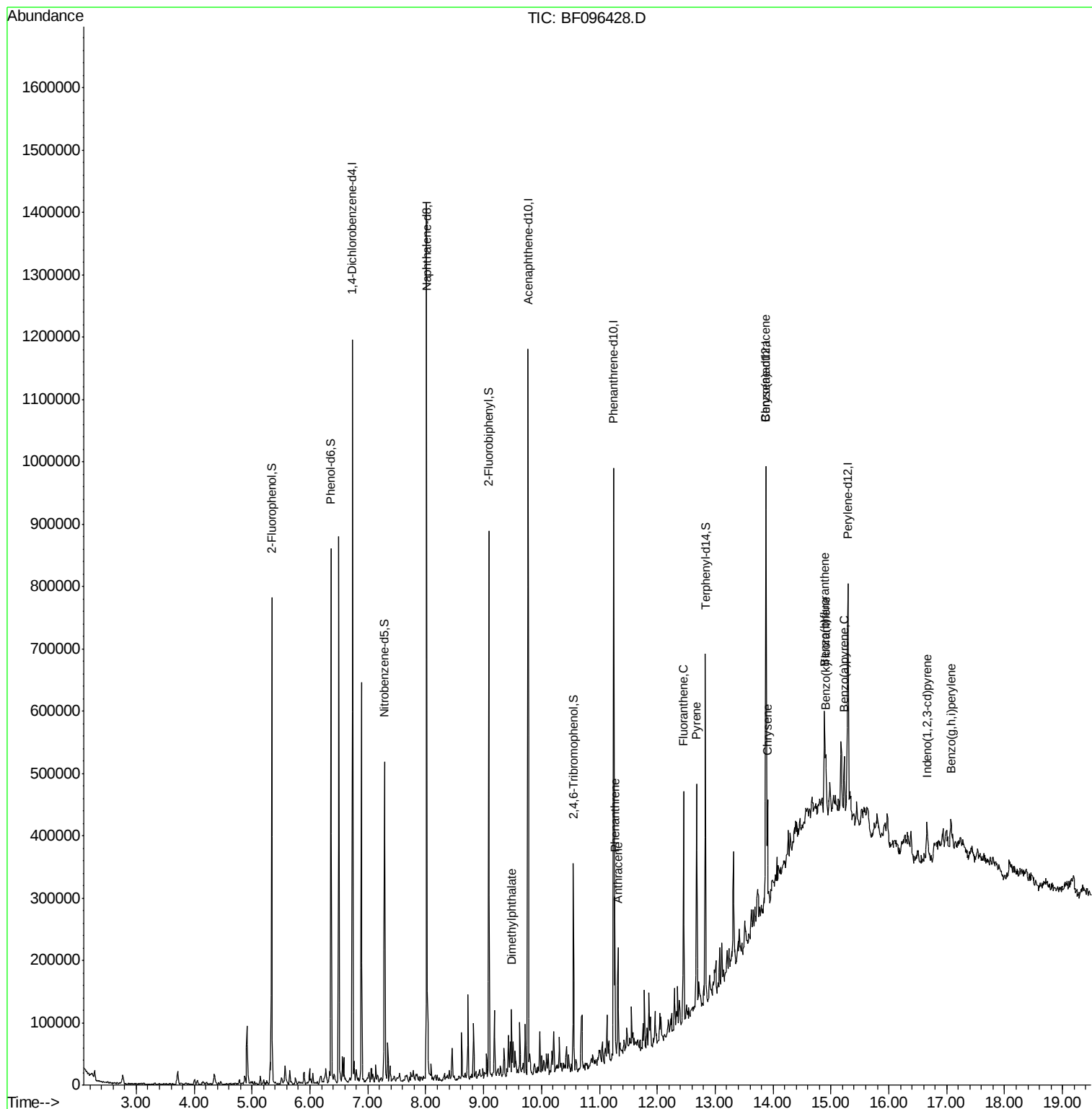
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070217\
Data File : BF096428.D
Acq On : 2 Jul 2017 20:50
Operator : SJ/MA
Sample : I3950-08 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

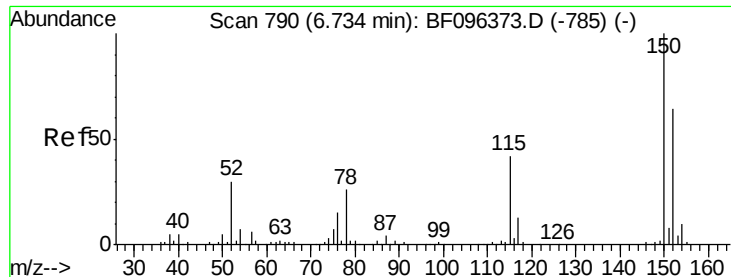
Instrument :
BNA_F
ClientSampleId :
B5-2-4

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Quant Time: Jul 03 14:42:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

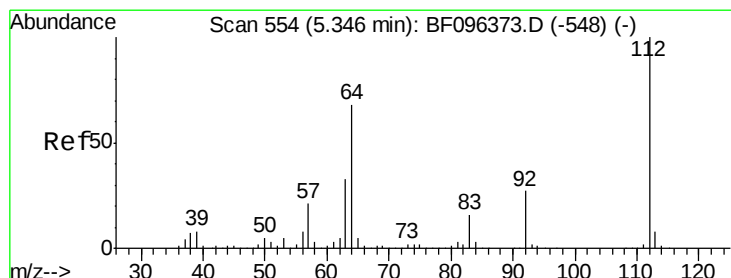
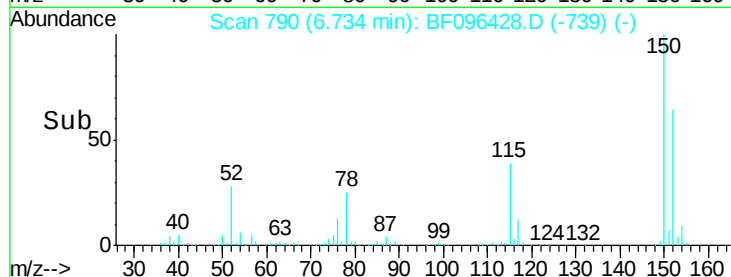
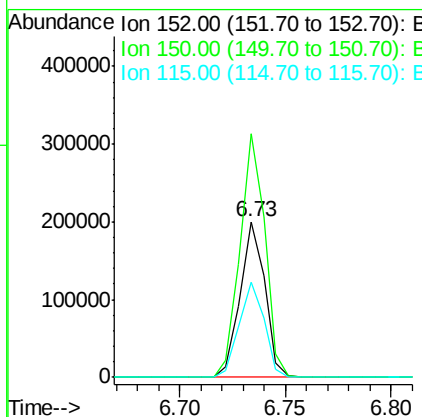
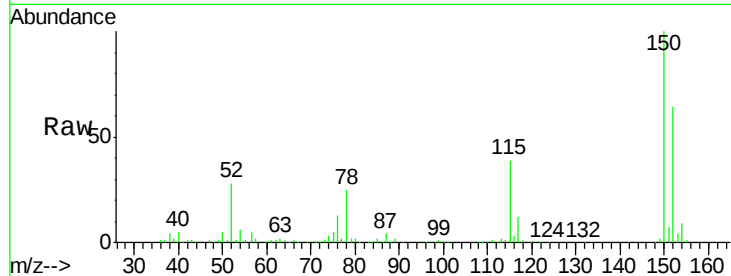
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Instrument :
BNA_F
ClientSampleId :
B5-2-4

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	161155		
150	156.6	126.2	189.2	
115	61.5	52.2	78.2	

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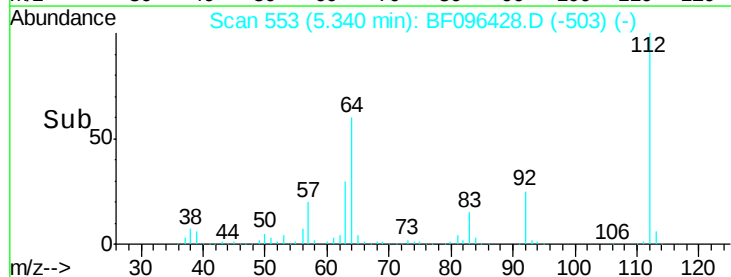
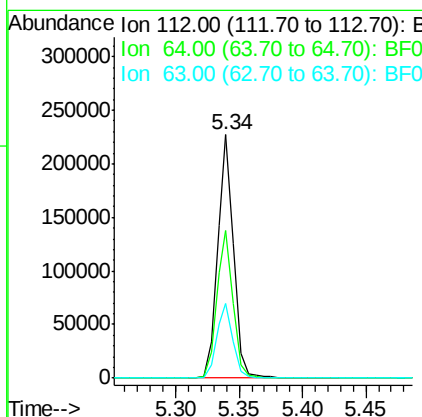
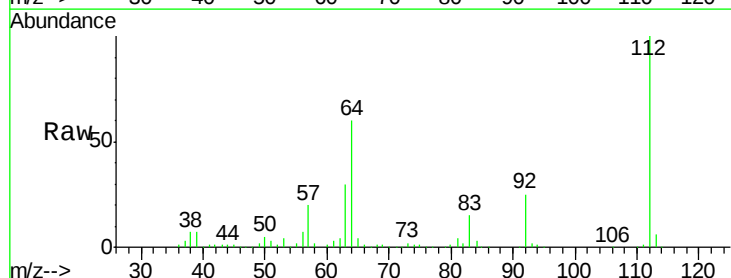
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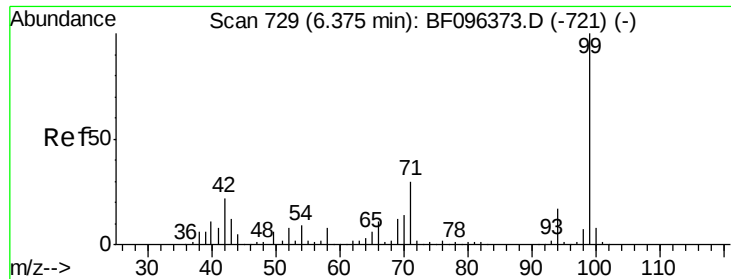


#5

2-Fluorophenol
Concen: 18.374 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	200618		
64	60.4	46.0	69.0	
63	30.4	23.4	35.0	





#7

Phenol-d6

Concen: 18.074 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096428.D

Acq: 2 Jul 2017 20:50

Instrument :

BNA_F

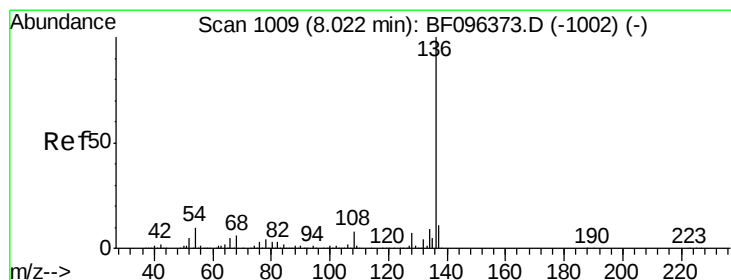
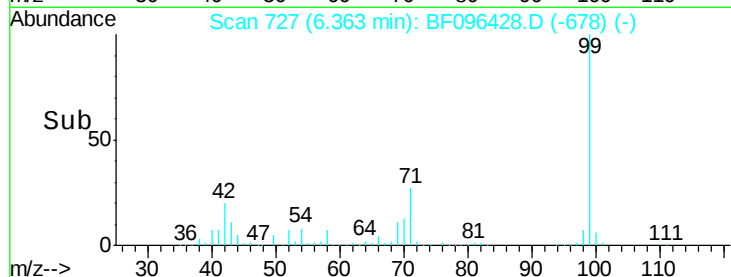
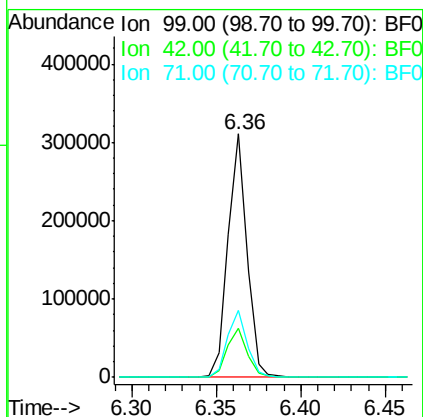
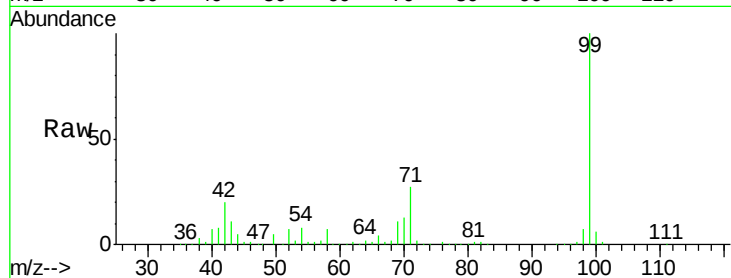
ClientSampleId :

B5-2-4

Tgt Ion:	99	Resp:	242608
Ion Ratio	Lower	Upper	
99	100		
42	20.4	13.5	20.3#
71	27.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

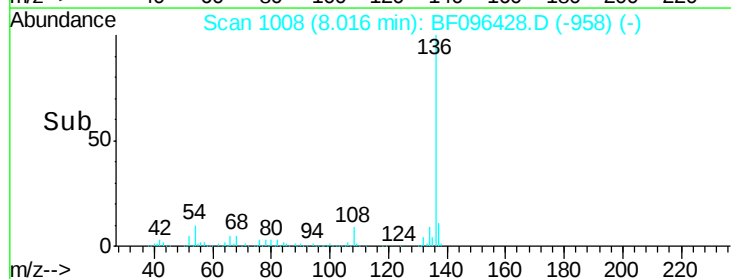
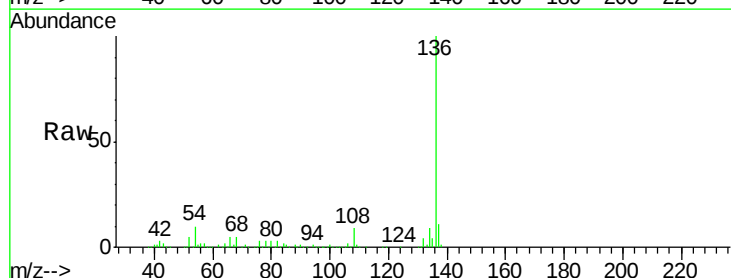
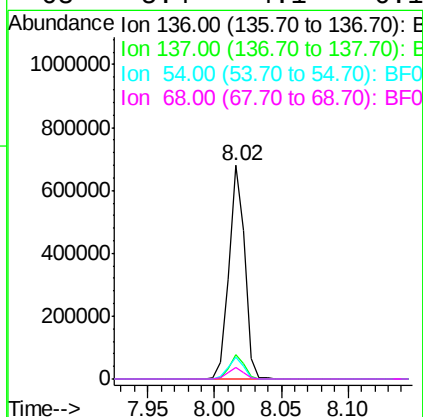
RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096428.D

Acq: 2 Jul 2017 20:50

Tgt Ion:	136	Resp:	568602
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	10.4	4.9	7.3#
68	5.4	4.1	6.1





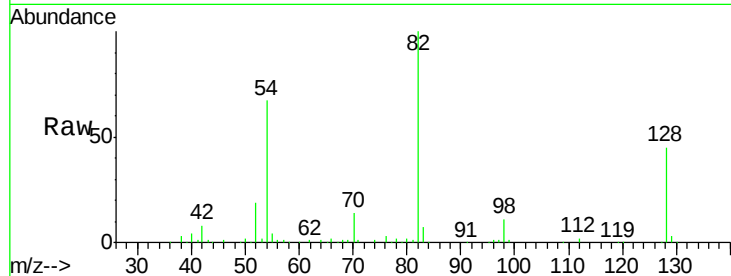
#23
Nitrobenzene-d5
Concen: 14.538 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Instrument :
BNA_F
ClientSampleId :
B5-2-4

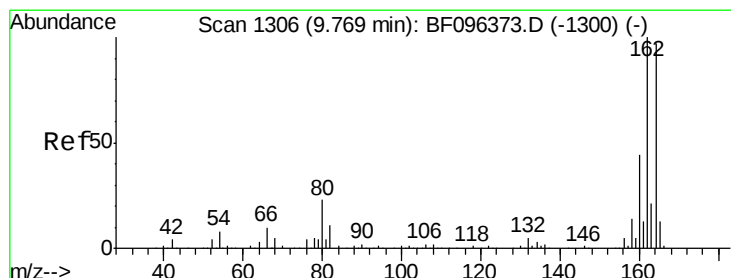
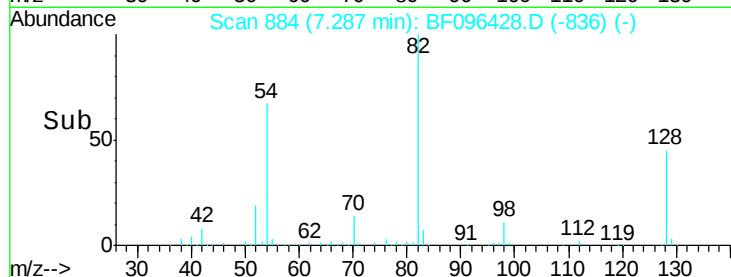
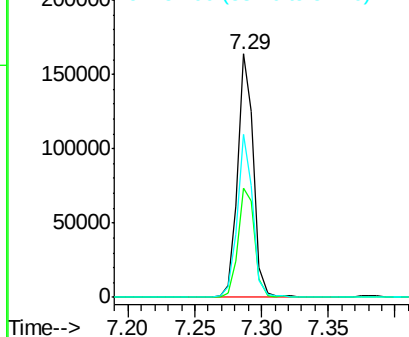
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.0	51.0
54	67.0	42.2	63.2

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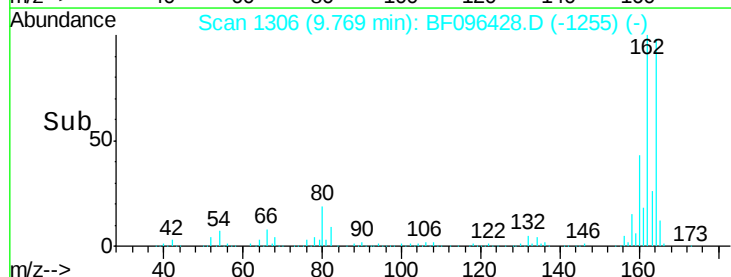
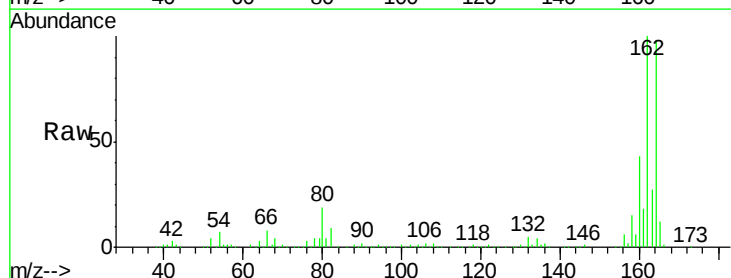
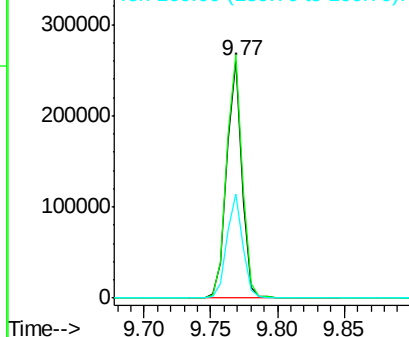
Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

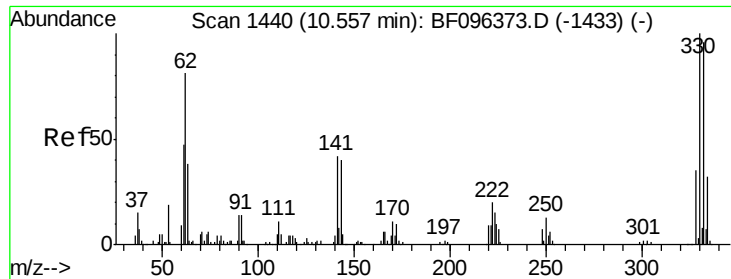


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.0	36.2	54.2

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





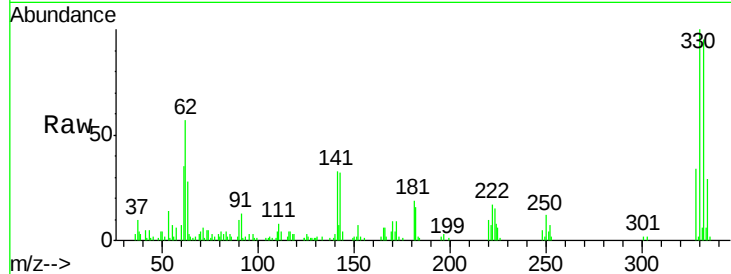
#41
 2,4,6-Tribromophenol
 Concen: 19.334 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096428.D
 Acq: 2 Jul 2017 20:50

Instrument :
 BNA_F
 ClientSampled :
 B5-2-4

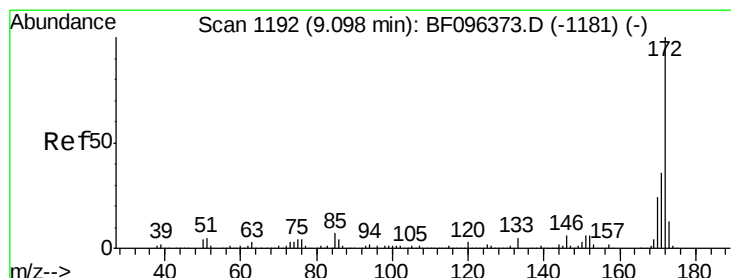
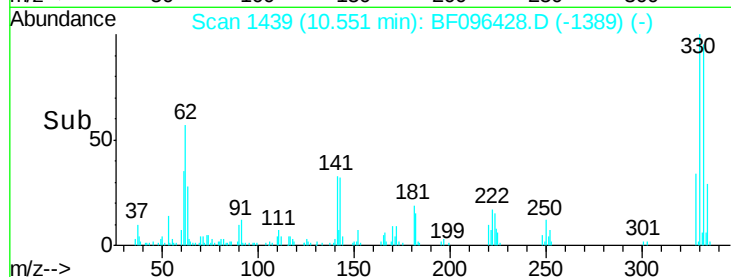
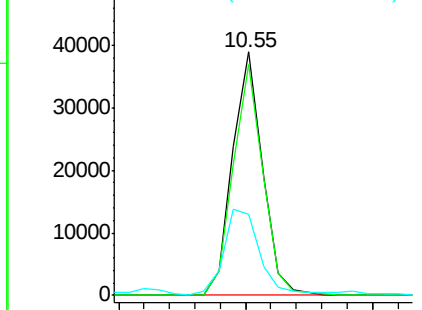
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	43.6	31.4	47.2

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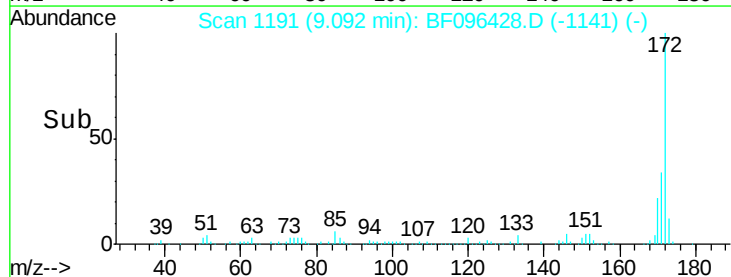
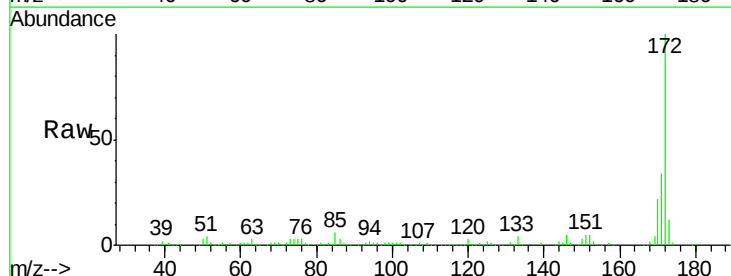
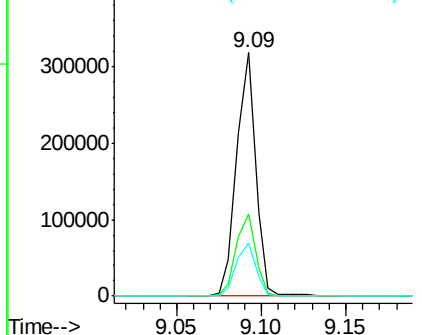
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

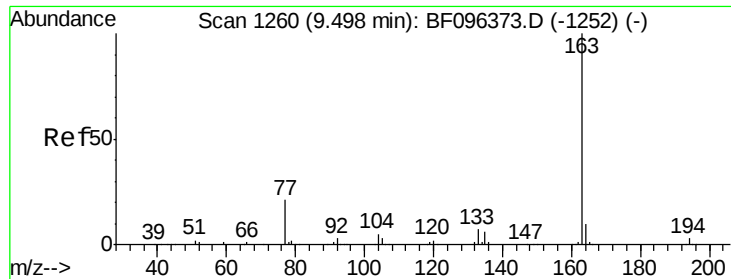


#44
 2-Fluorobiphenyl
 Concen: 20.433 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096428.D
 Acq: 2 Jul 2017 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	29.6	44.4
170	21.8	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





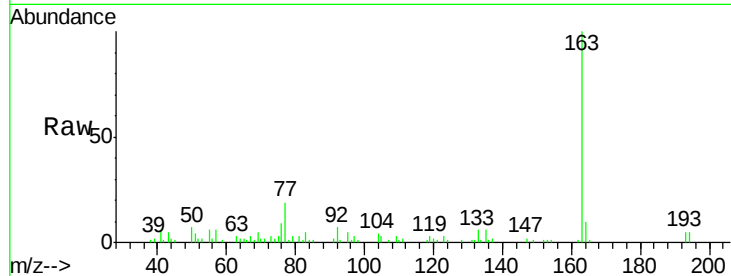
#49
Dimethylphthalate
Concen: 2.299 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Instrument :
BNA_F
ClientSampled :
B5-2-4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	36228		
194	4.5	2.6	4.0#	
164	10.3	8.4	12.6	

Manual Integrations
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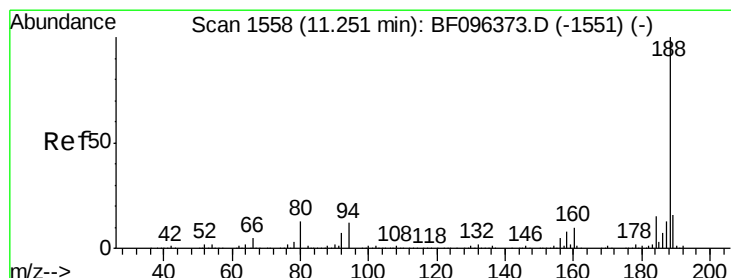
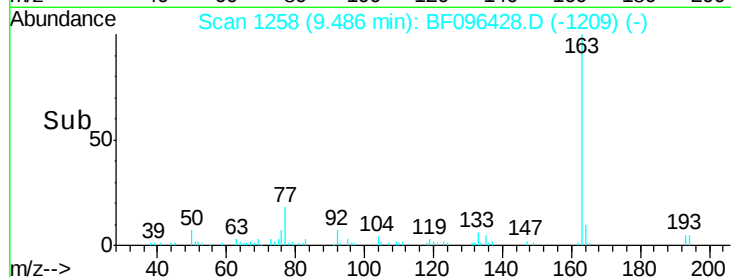
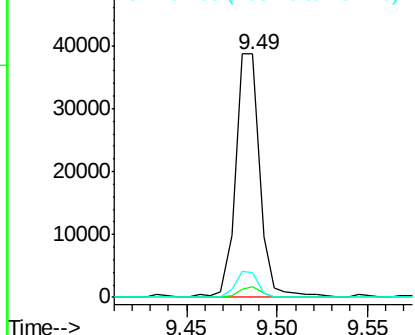


Abundance

Ion 163.00 (162.70 to 163.70): E

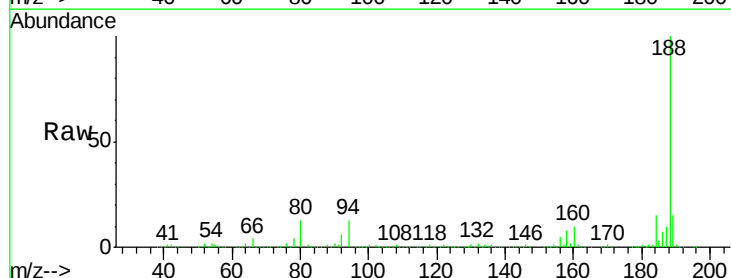
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	342588		
94	12.6	9.4	14.2	
80	13.1	10.2	15.2	

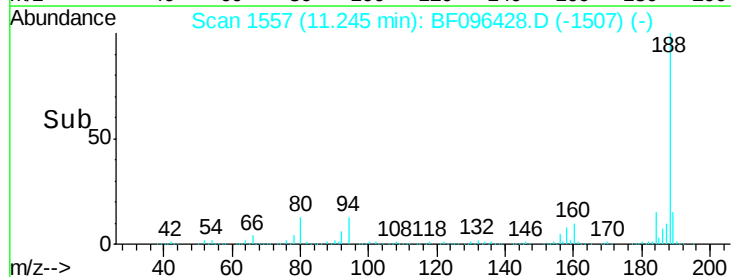
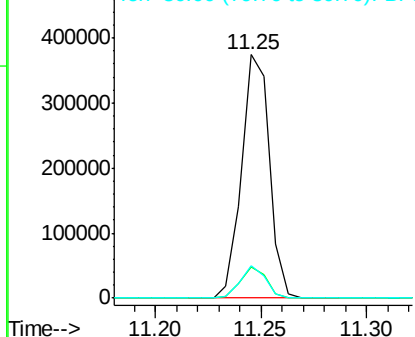


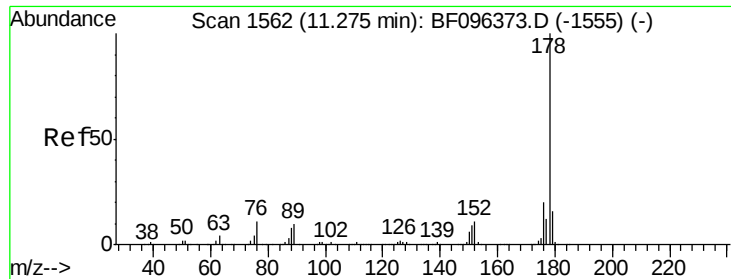
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





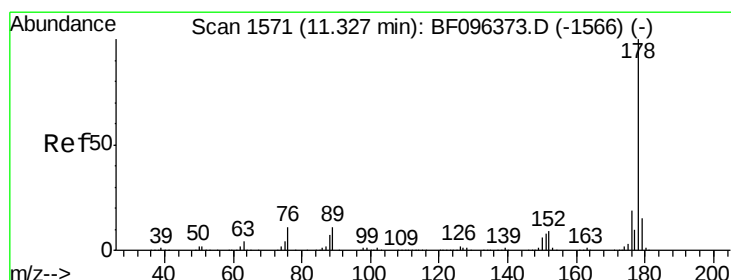
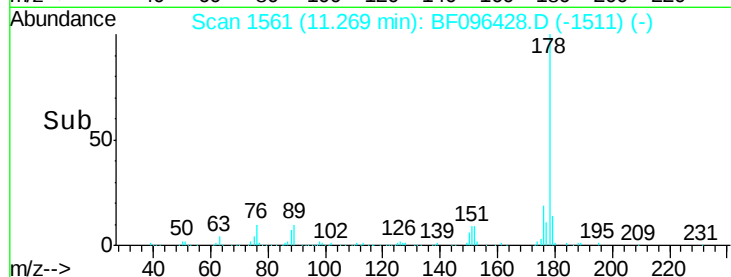
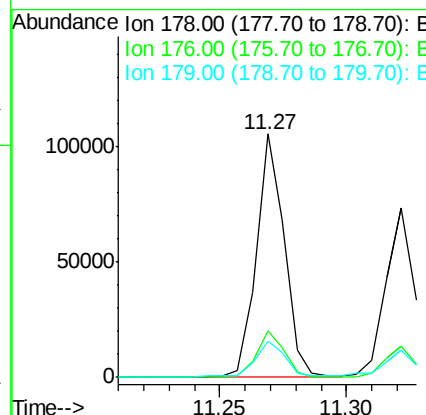
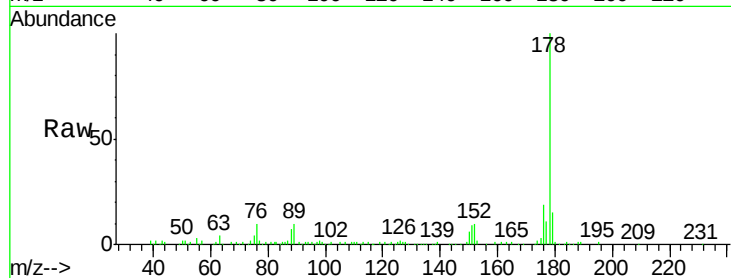
#70
Phenanthrene
Concen: 4.381 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Instrument :
BNA_F
ClientSampleId :
B5-2-4

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.7	12.6	19.0

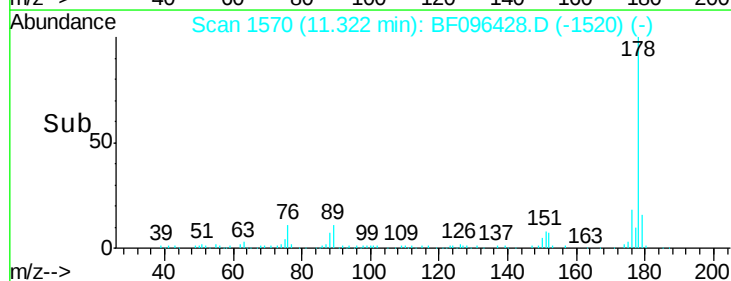
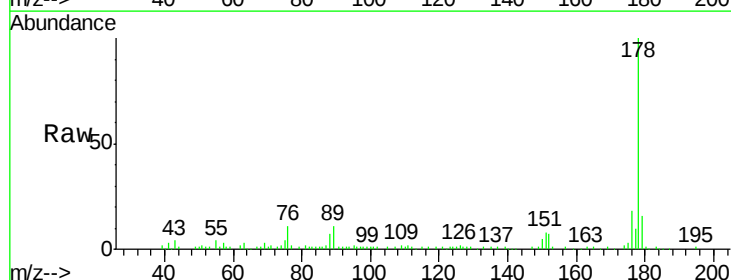
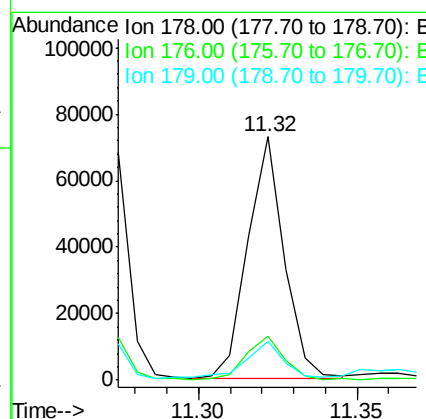
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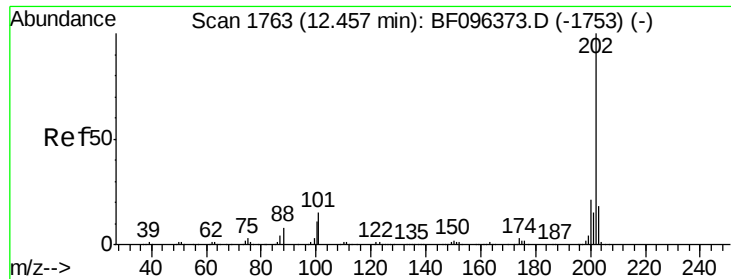
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#71
Anthracene
Concen: 3.060 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	16.1	12.7	19.1





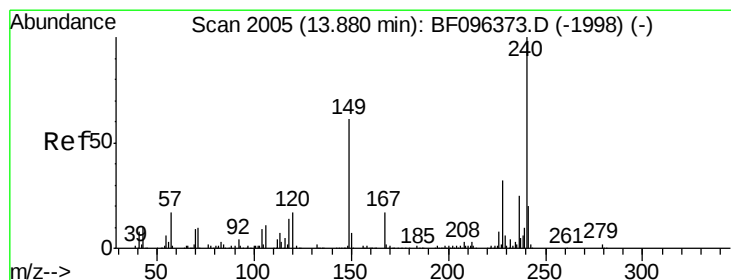
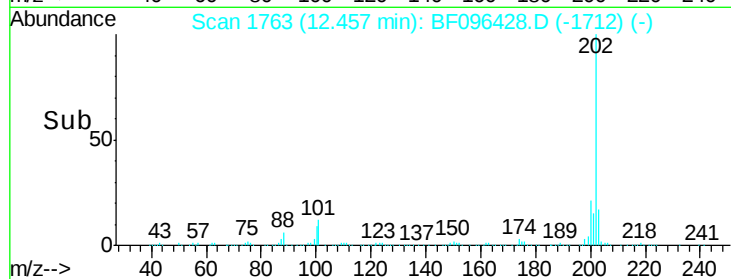
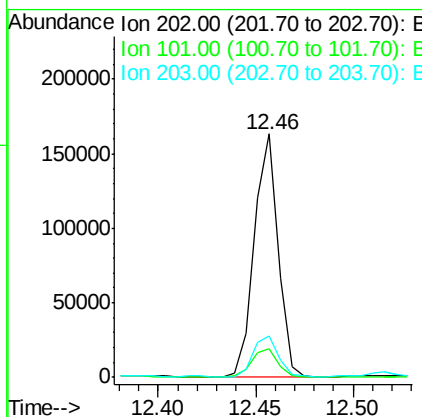
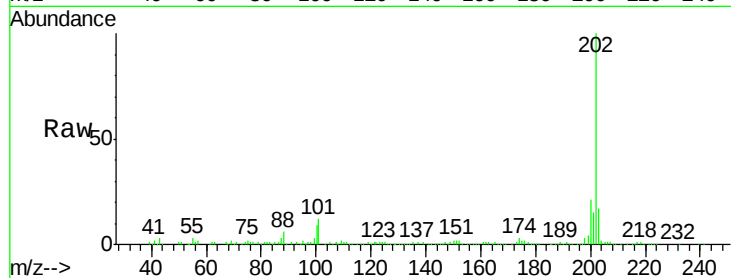
#74
 Fluoranthene
 Concen: 7.517 ng
 RT: 12.46 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BF096428.D
 Acq: 2 Jul 2017 20:50

Instrument :
 BNA_F
 ClientSampleId :
 B5-2-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.9	0.0	33.2
203	17.0	0.0	38.1

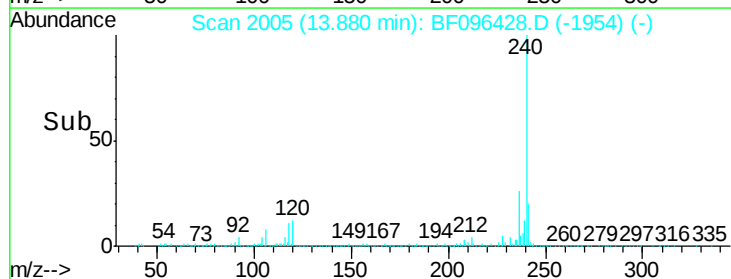
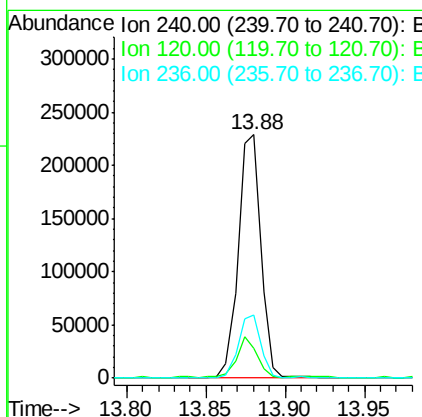
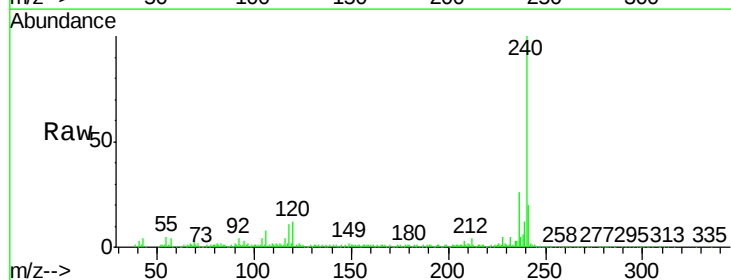
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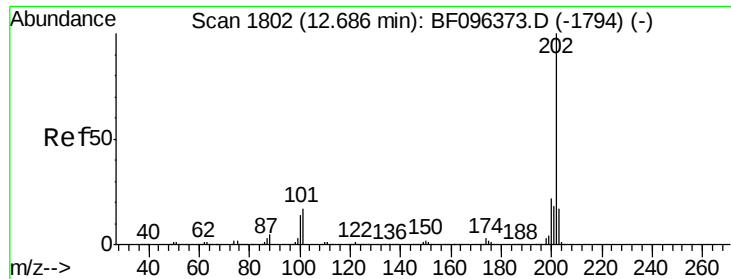
mohammad
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF096428.D
 Acq: 2 Jul 2017 20:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	12.4	5.8	8.8#
236	25.8	20.5	30.7





#77

Pyrene

Concen: 7.730 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF096428.D

Acq: 2 Jul 2017 20:50

Instrument :

BNA_F

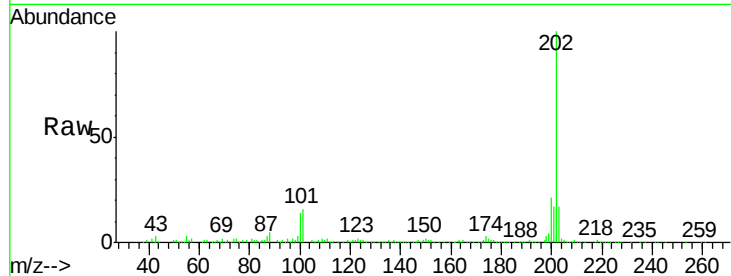
ClientSampleId :

B5-2-4

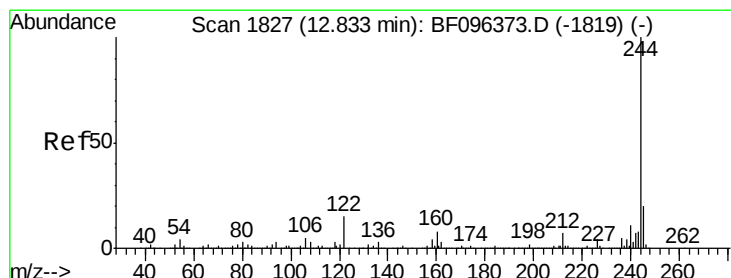
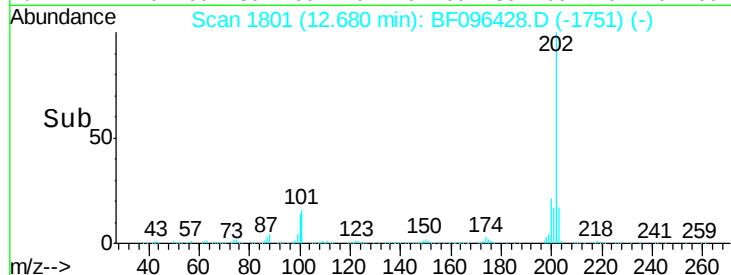
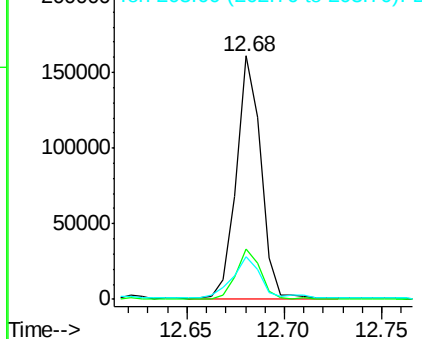
Tgt	Ion	202	Resp:	139597
Ion	Ratio		Lower	Upper
202	100			
200	20.8	17.6	26.4	
203	17.4	14.4	21.6	

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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



#78

Terphenyl-d14

Concen: 14.526 ng

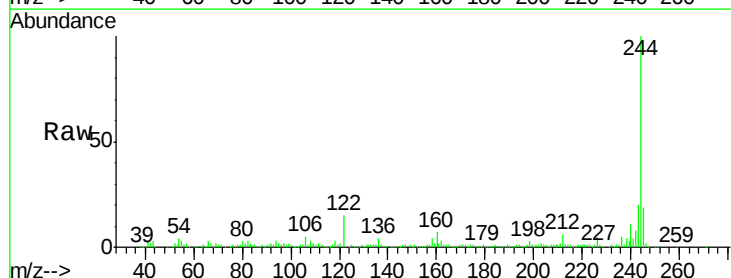
RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

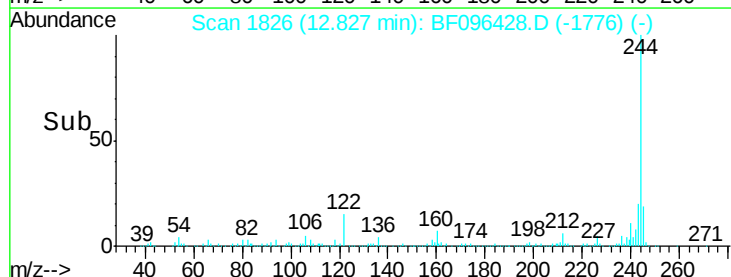
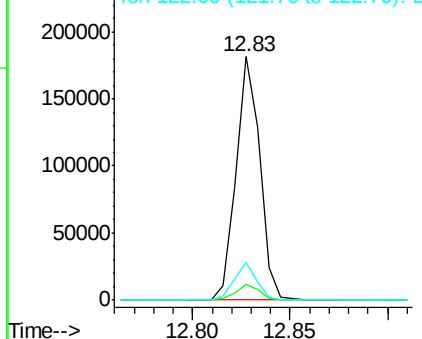
Lab File: BF096428.D

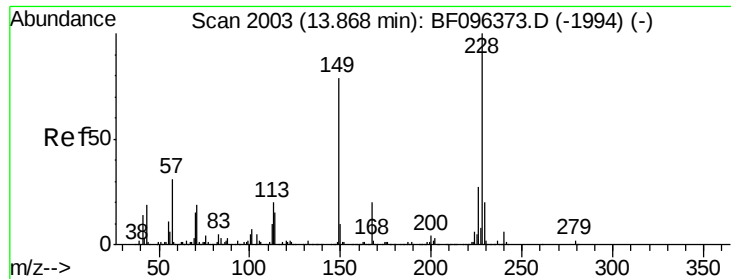
Acq: 2 Jul 2017 20:50

Tgt	Ion	244	Resp:	152950
Ion	Ratio		Lower	Upper
244	100			
212	6.3	6.0	9.0	
122	15.2	10.3	15.5	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





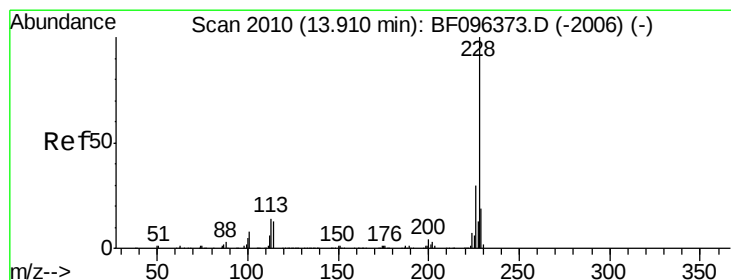
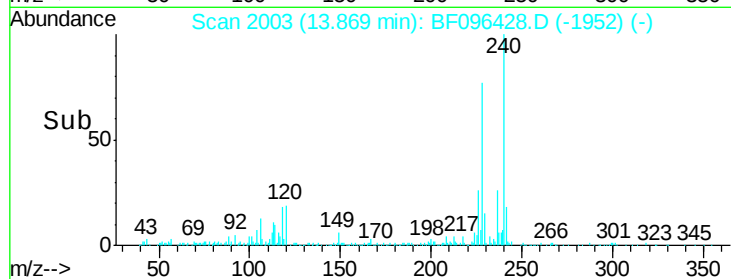
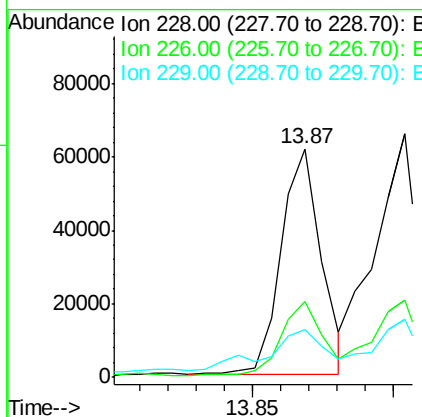
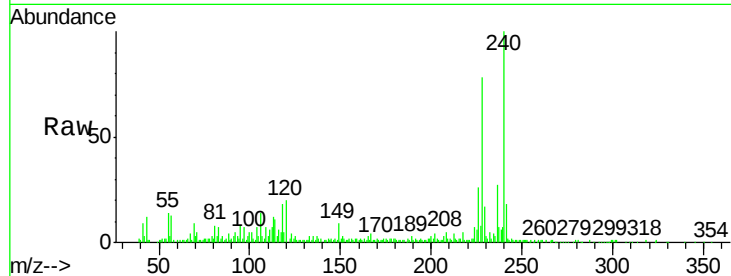
#80
Benzo(a)anthracene
Concen: 4.614 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Instrument :
BNA_F
ClientSampleId :
B5-2-4

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.6	33.8
229	21.2	16.3	24.5

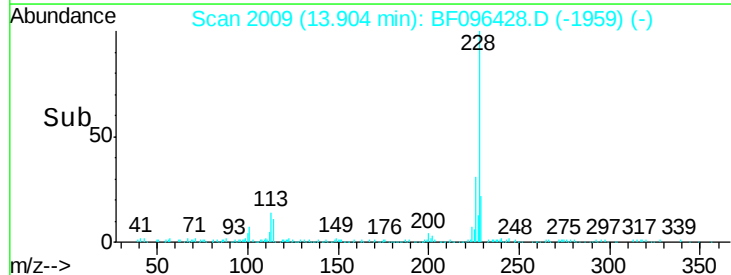
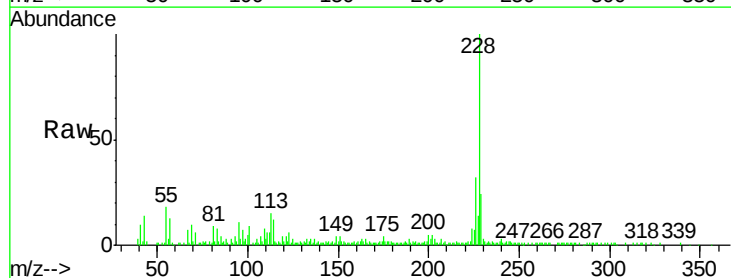
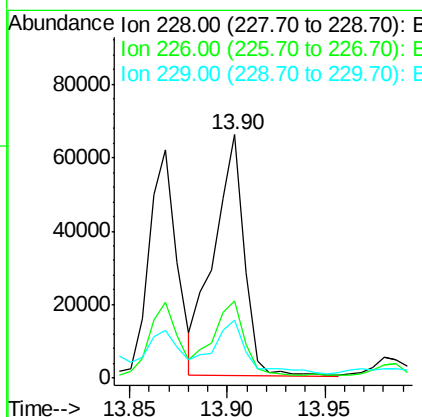
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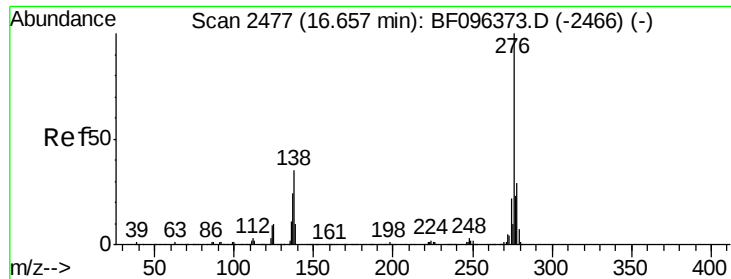
mohammad
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#82
Chrysene
Concen: 5.199 ng m
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	24.0	15.8	23.6#





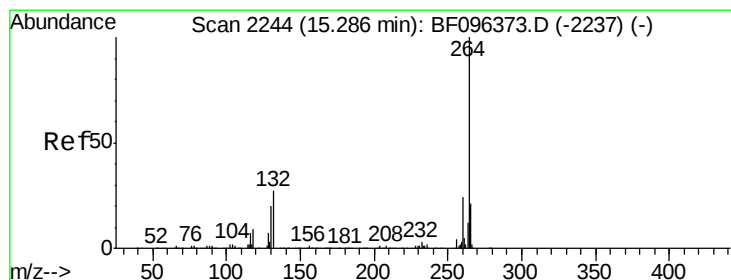
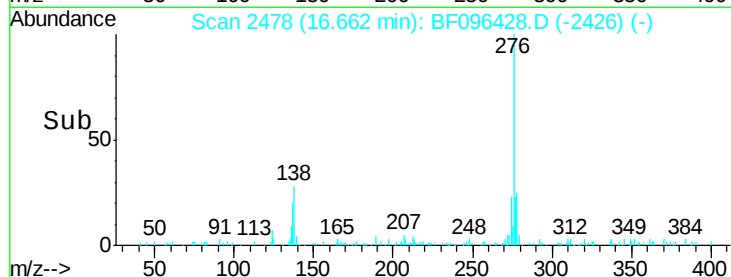
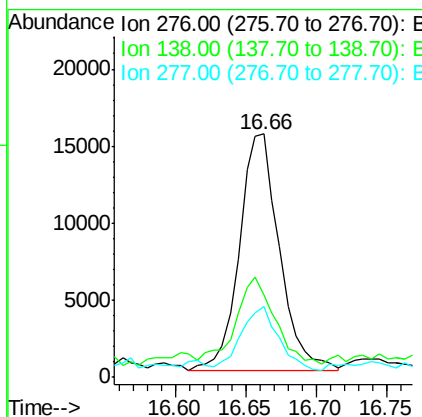
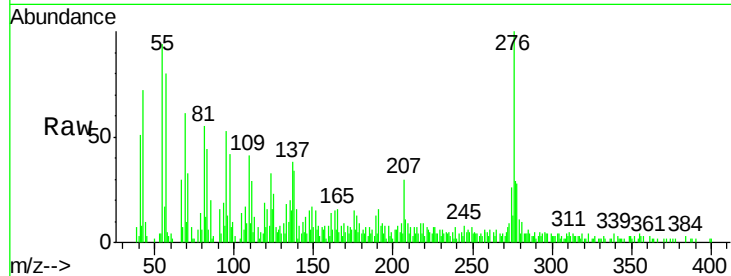
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.832 ng
RT: 16.66 min Scan# 2478
Delta R.T. 0.01 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Instrument :
BNA_F
ClientSampleId :
B5-2-4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.2	27.8	41.6
277	24.8	20.2	30.4

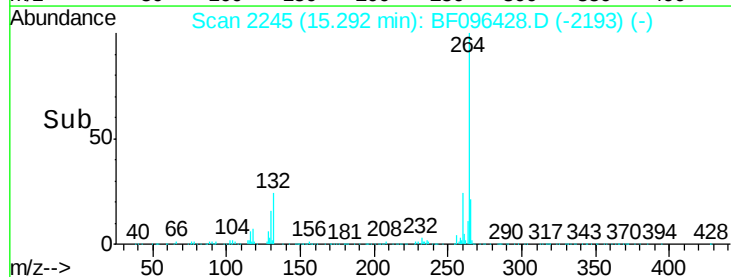
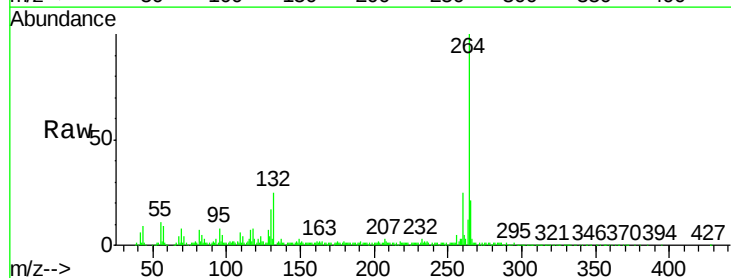
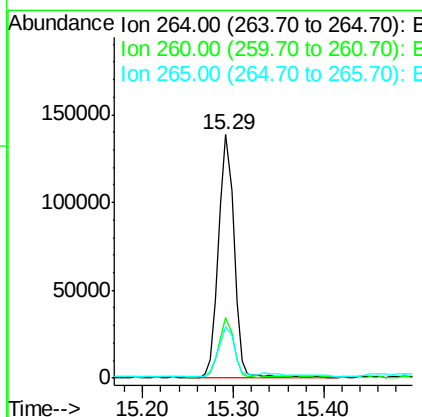
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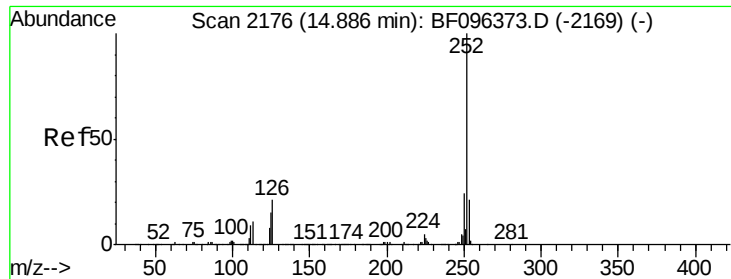
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 8.223 ng m

RT: 14.89 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BF096428.D

Acq: 2 Jul 2017 20:50

Instrument :

BNA_F

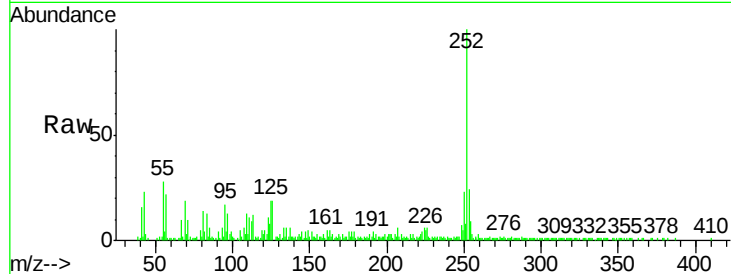
ClientSampleId :

B5-2-4

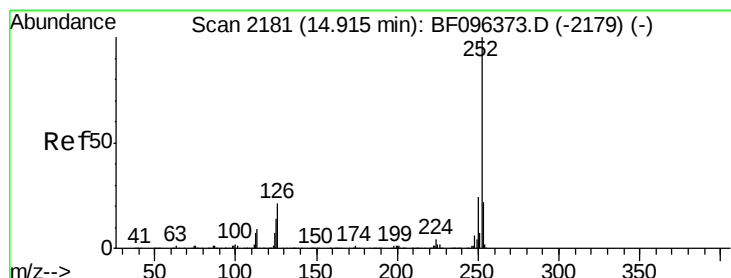
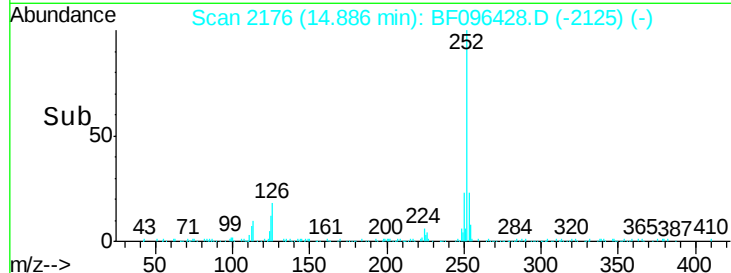
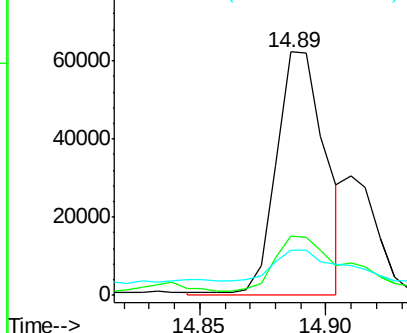
Tgt Ion:	252	Resp:	83914
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.1	27.1
125	18.8	9.8	14.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.271 ng m

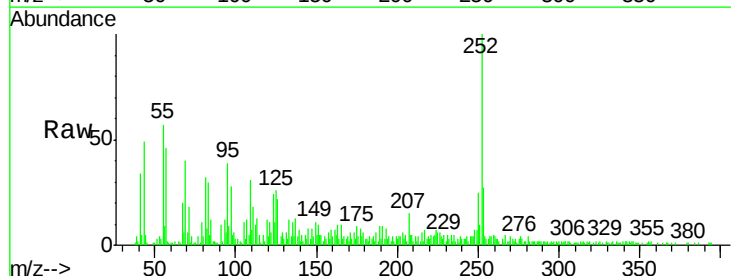
RT: 14.91 min Scan# 2180

Delta R.T. -0.01 min

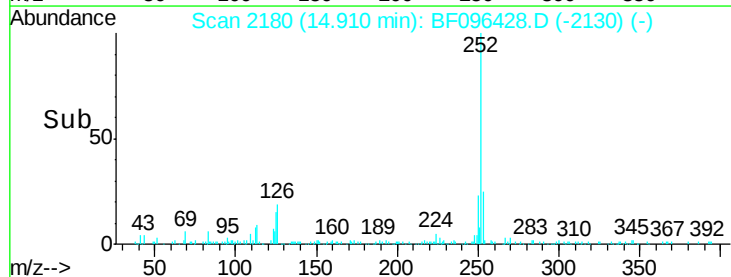
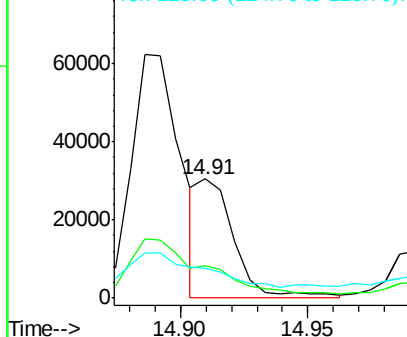
Lab File: BF096428.D

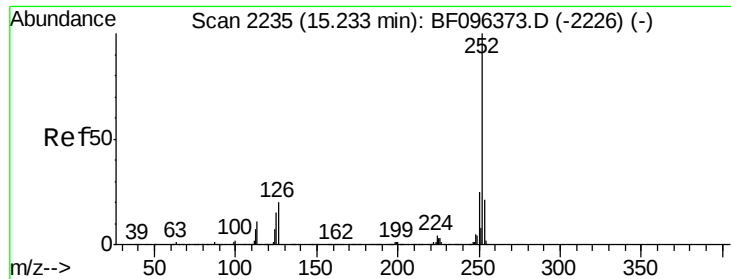
Acq: 2 Jul 2017 20:50

Tgt Ion:	252	Resp:	29855
Ion Ratio	Lower	Upper	
252	100		
253	27.3	18.4	27.6
125	25.5	13.1	19.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





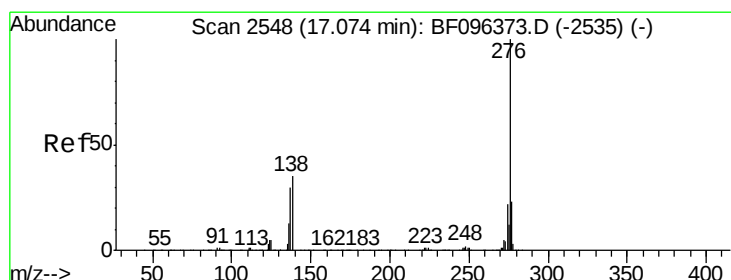
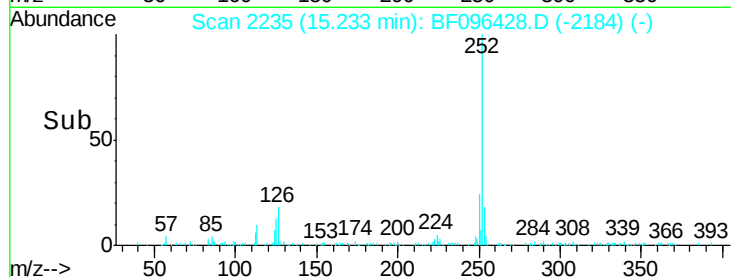
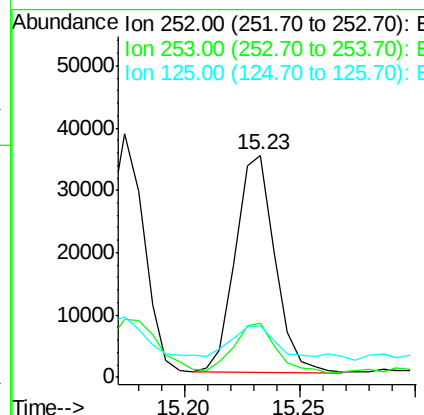
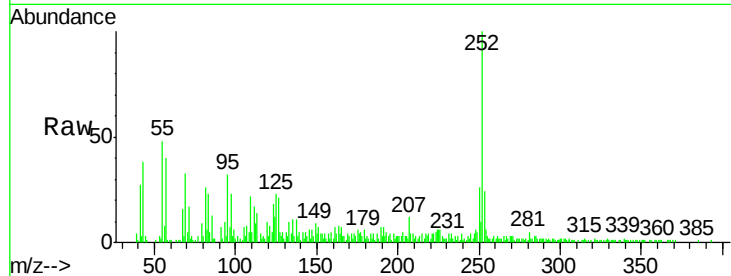
#89
Benzo(a)pyrene
Concen: 4.578 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Instrument :
BNA_F
ClientSampled :
B5-2-4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	23.3	11.0	16.4

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#91
Benzo(g,h,i)perylene
Concen: 3.773 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF096428.D
Acq: 2 Jul 2017 20:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	36.0	25.4	38.0

