

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096452.D
 Acq On : 3 Jul 2017 20:20
 Operator : SJ/MA
 Sample : I3991-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062917-B

Manual Integrations
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mohammad
 7/5/2017 11:41:45 AM

Quant Time: Jul 04 02:34:33 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	99700	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	263653	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	145065	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	258381	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	184917	20.00	ng	0.00
86) Perylene-d12	15.29	264	121234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	595957	88.23	ng	-0.01
7) Phenol-d6	6.36	99	703529	84.72	ng	-0.01
23) Nitrobenzene-d5	7.29	82	427462	97.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	105652	93.24	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	631499	74.43	ng	-0.01
78) Terphenyl-d14	12.83	244	526249	60.81	ng	0.00
Target Compounds						
10) Phenol	6.37	94	34453	3.642	ng	Qvalue 88
49) Dimethylphthalate	9.48	163	189307	17.481	ng	# 97
70) Phenanthrene	11.26	178	55667	3.985	ng	99
74) Fluoranthene	12.44	202	125223	9.144	ng	99
77) Pyrene	12.67	202	123628	8.329	ng	98
80) Benzo(a)anthracene	13.86	228	48267	4.507	ng	# 89
82) Chrysene	13.90	228	56871m	5.072	ng	
85) Indeno(1,2,3-cd)pyrene	16.67	276	20077	2.268	ng	95
87) Benzo(b)fluoranthene	14.89	252	48710m	6.412	ng	
88) Benzo(k)fluoranthene	14.91	252	15683m	2.308	ng	
89) Benzo(a)pyrene	15.23	252	33081	4.878	ng	# 56
91) Benzo(g,h,i)perylene	17.09	276	21729	3.930	ng	# 60

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

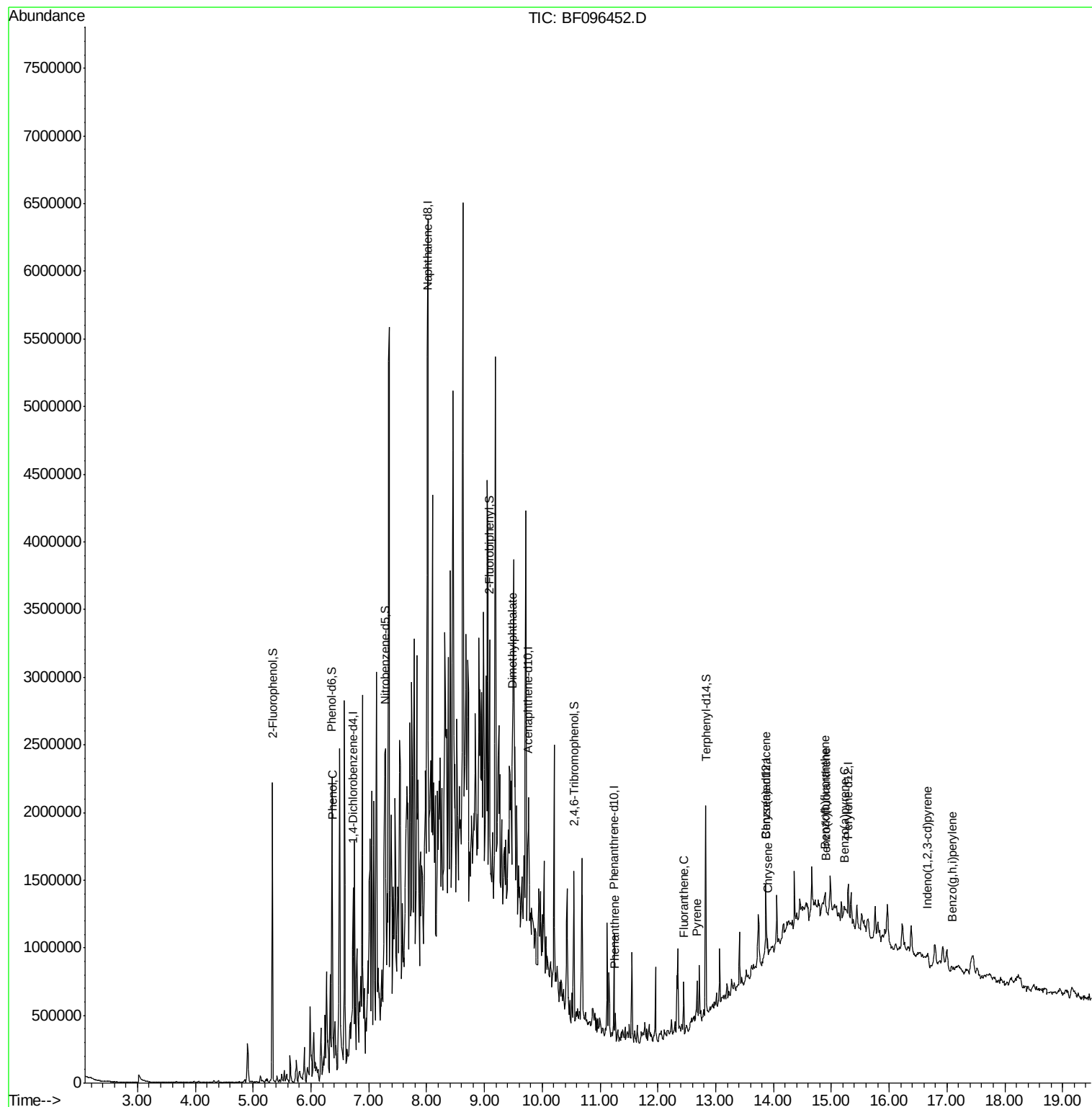
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096452.D
Acq On : 3 Jul 2017 20:20
Operator : SJ/MA
Sample : I3991-04
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ALS Vial : 23 Sample Multiplier: 1

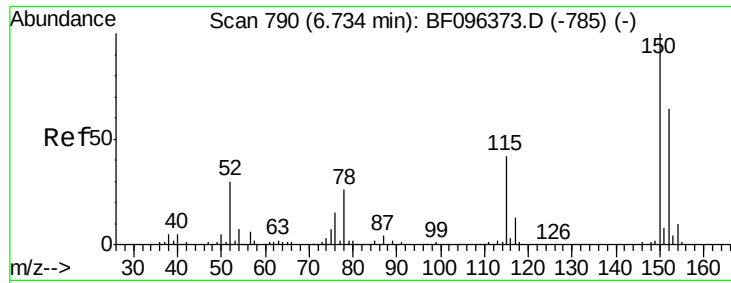
Instrument :
BNA_F
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HR-06-062917-B

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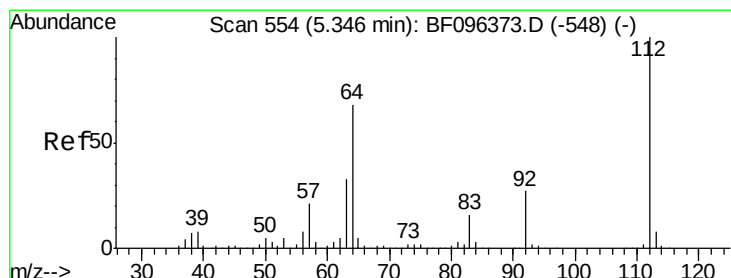
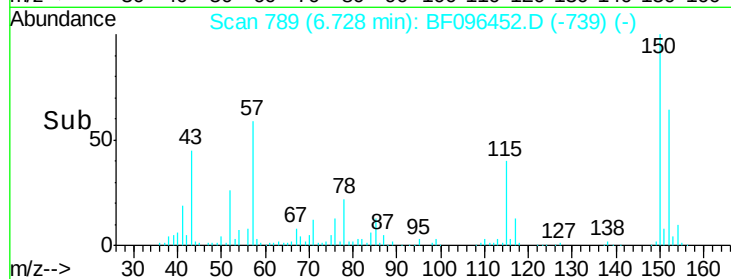
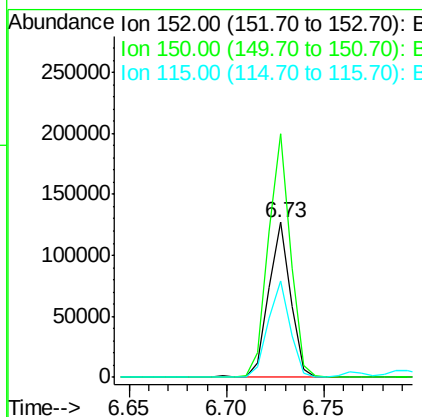
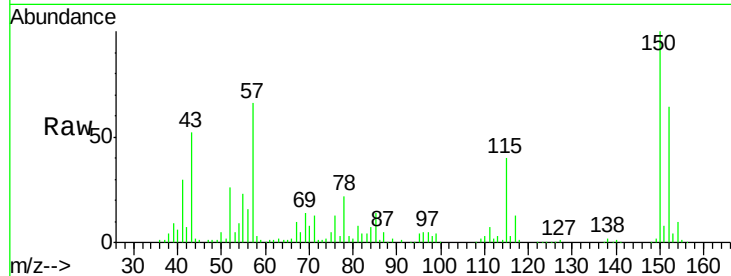
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF096452.D
 Acq: 3 Jul 2017 20:20

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-062917-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	62.5	52.2	78.2

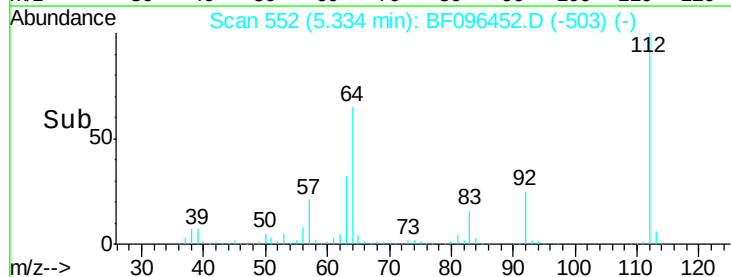
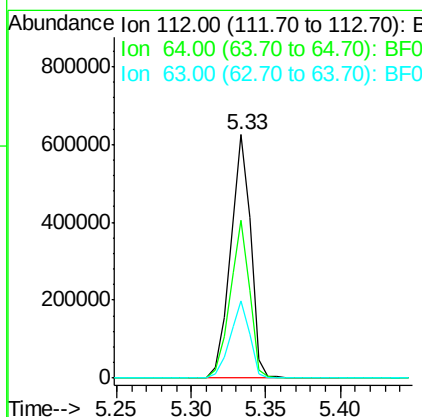
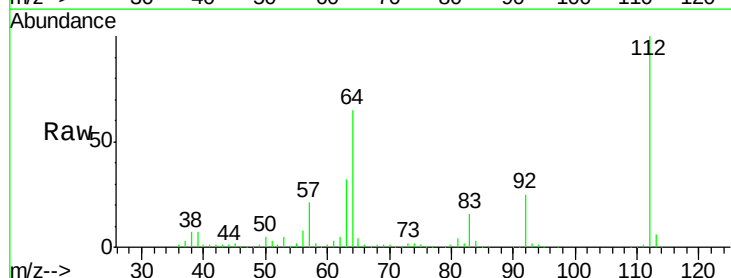
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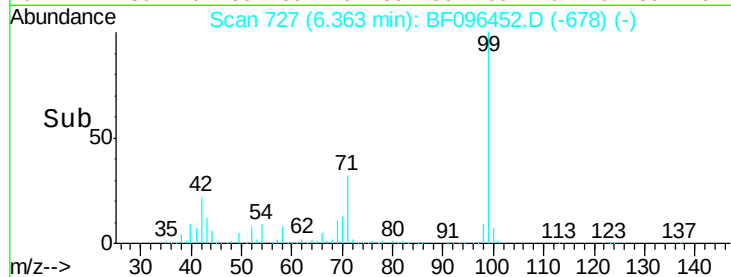
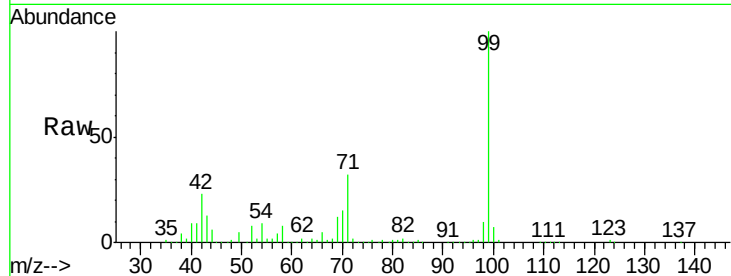
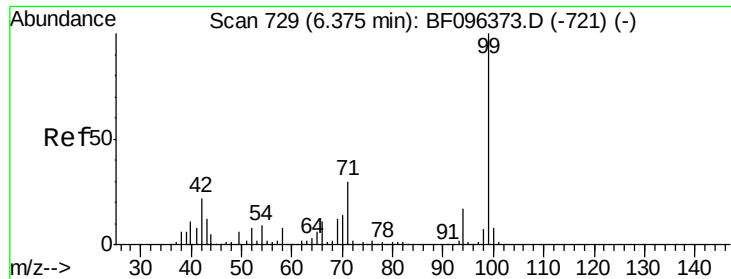
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#5
 2-Fluorophenol
 Concen: 88.226 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF096452.D
 Acq: 3 Jul 2017 20:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	32.0	23.4	35.0





#7

Phenol-d6

Concen: 84.719 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Tgt Ion:	99	Resp:	703529
Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	32.4	24.5	36.7

Instrument :

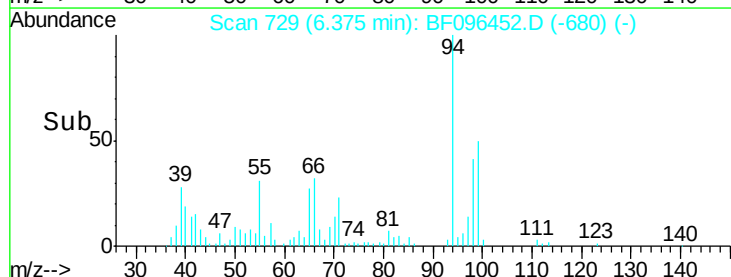
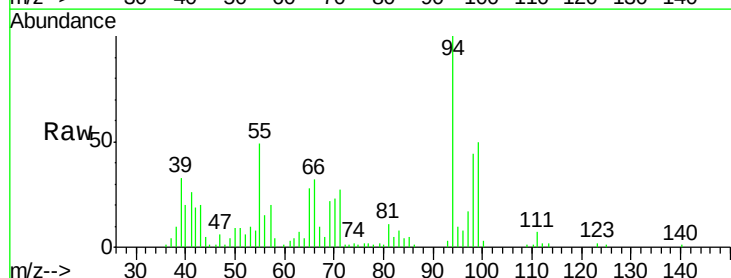
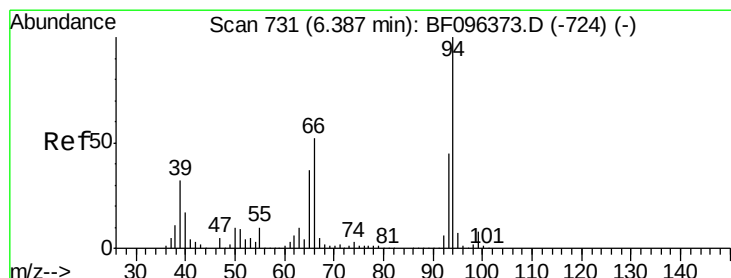
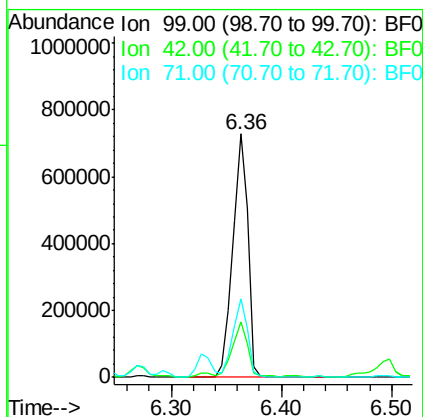
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ClientSampleId :

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#10

Phenol

Concen: 3.642 ng

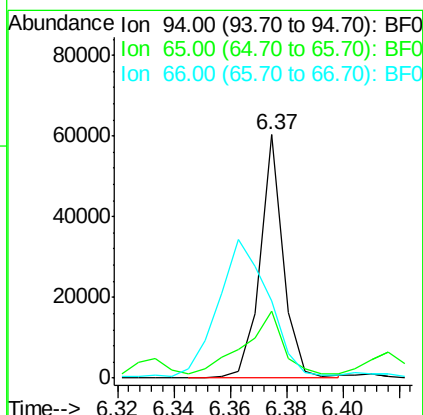
RT: 6.37 min Scan# 729

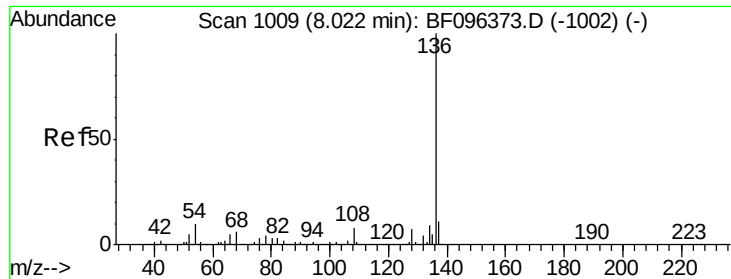
Delta R.T. -0.01 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Tgt Ion:	94	Resp:	34453
Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	31.7	23.1	63.1





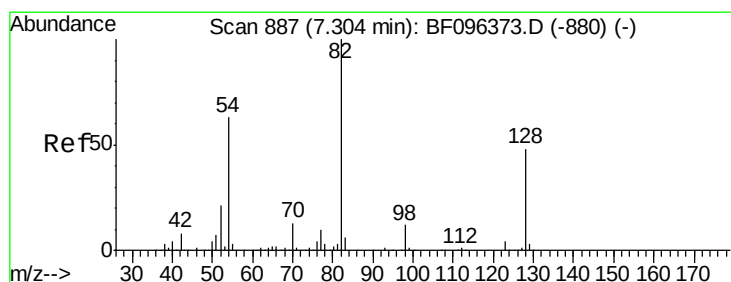
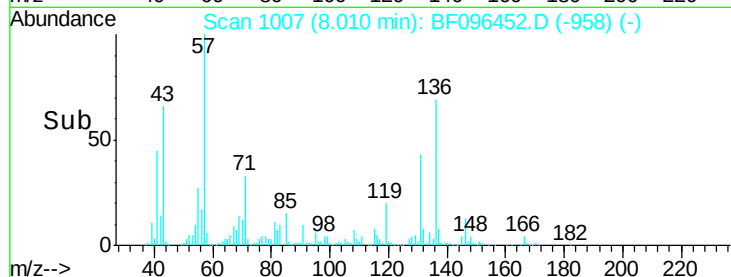
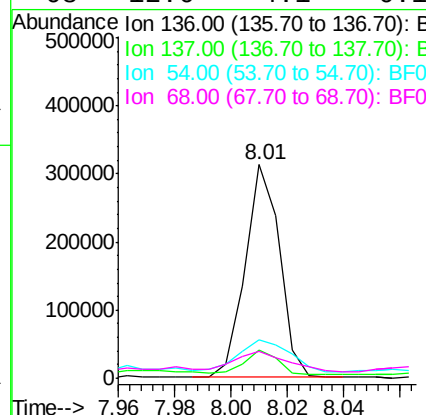
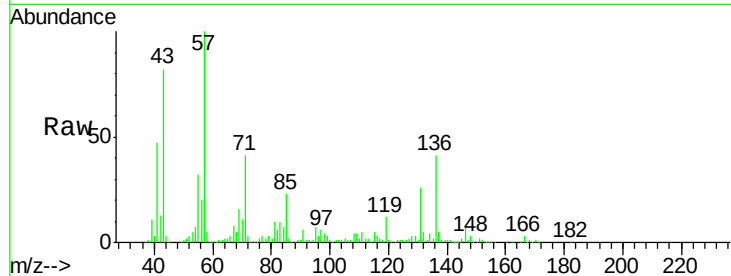
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Instrument :
BNA_F
ClientSampleId :
HR-06-062917-B

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	263653		
137	13.0	8.5	12.7#	
54	17.7	4.9	7.3#	
68	12.6	4.1	6.1#	

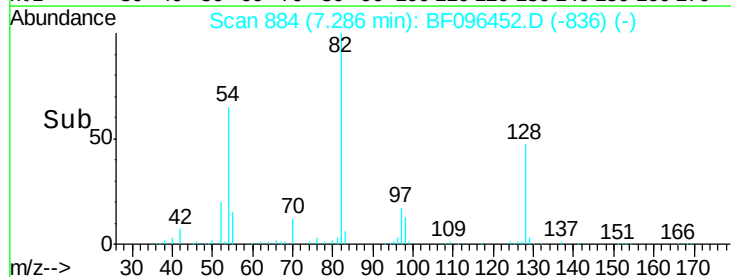
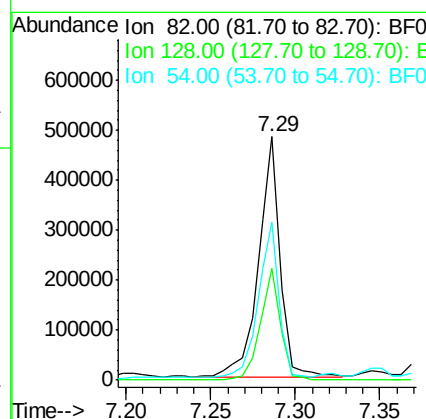
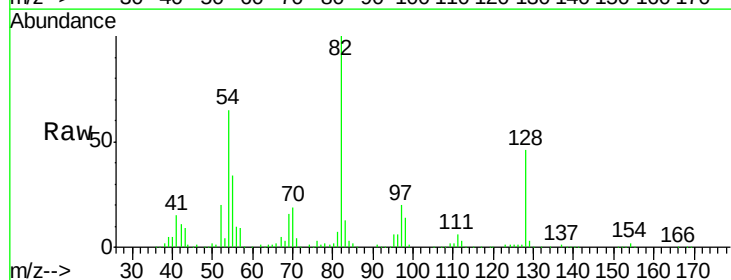
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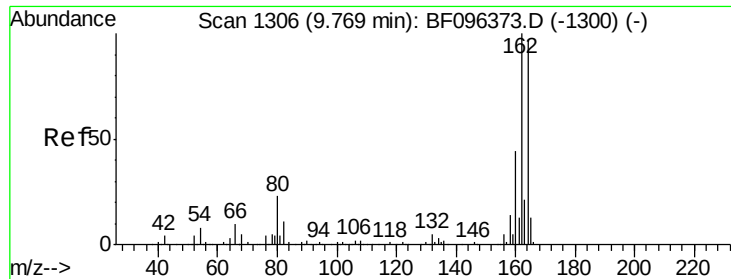
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#23
Nitrobenzene-d5
Concen: 97.426 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	427462		
128	45.8	34.0	51.0	
54	64.8	42.2	63.2#	





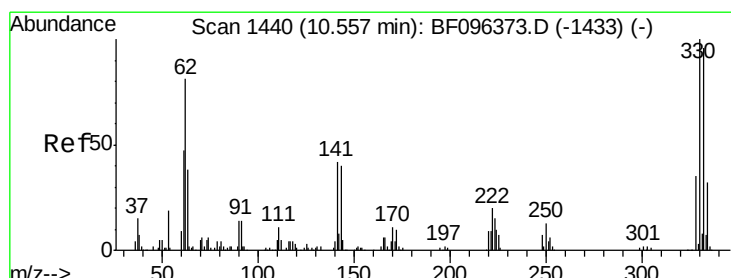
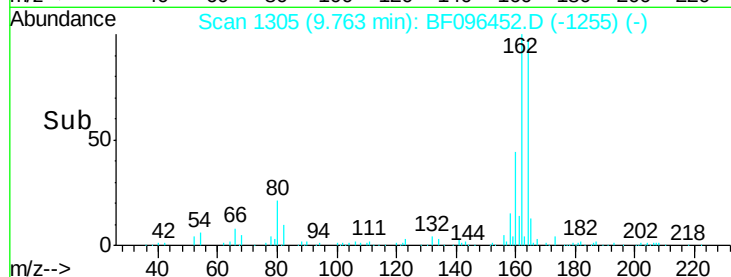
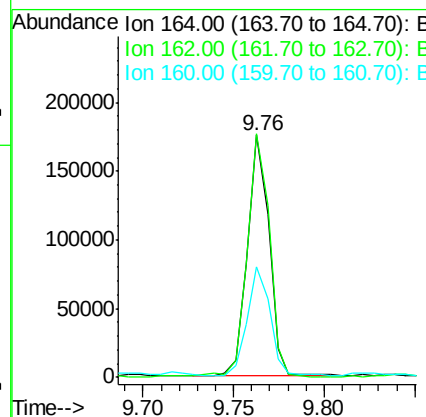
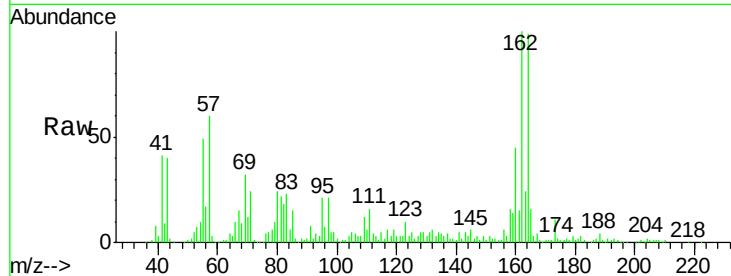
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Instrument :
BNA_F
ClientSampleId :
HR-06-062917-B

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145065		
162	100.5	82.6	123.8	
160	45.4	36.2	54.2	

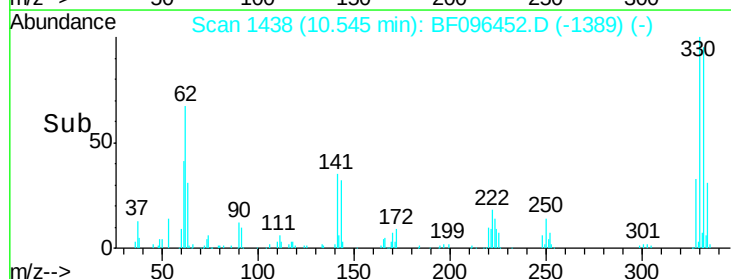
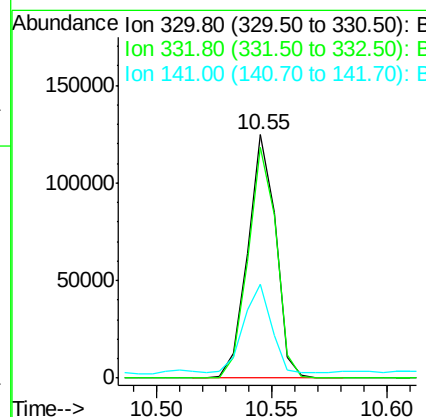
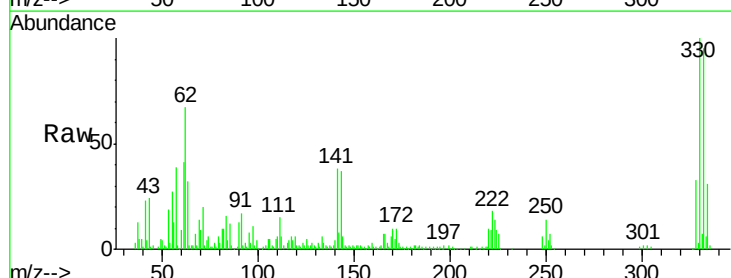
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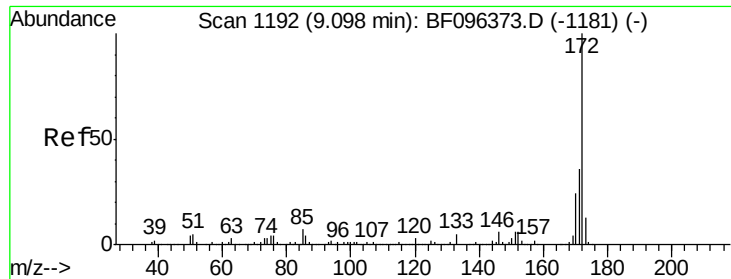
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#41
2,4,6-Tribromophenol
Concen: 93.239 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	105652		
332	95.7	76.6	115.0	
141	36.1	31.4	47.2	





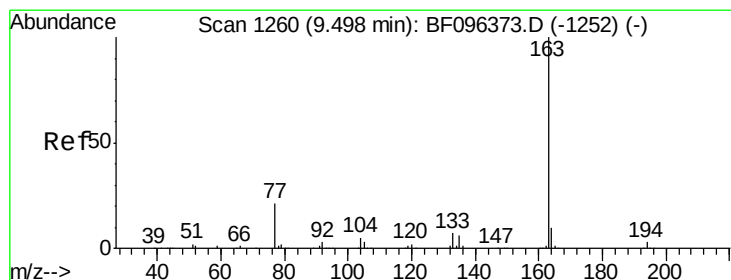
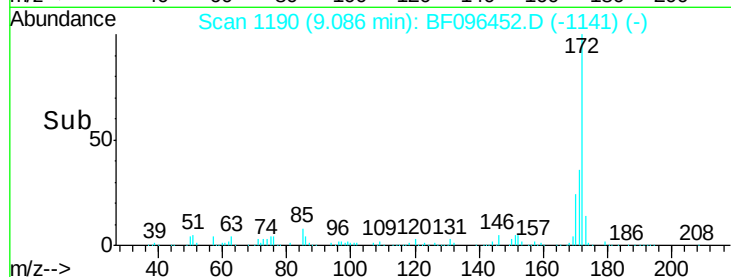
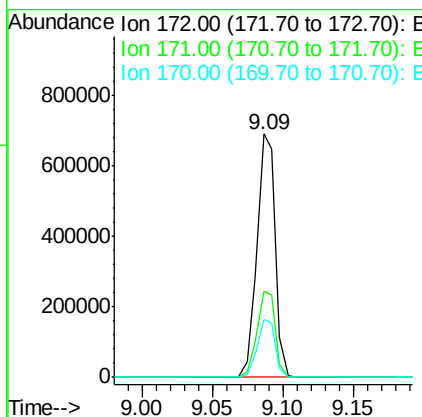
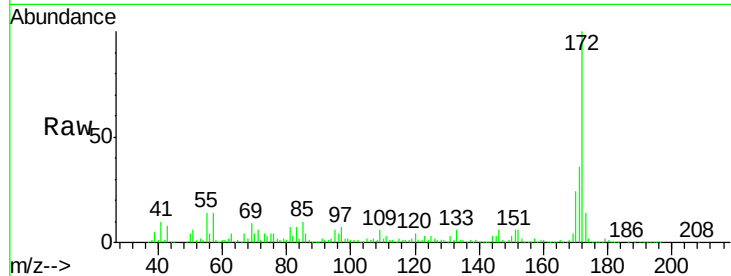
#44
2-Fluorobiphenyl
Concen: 74.430 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Instrument :
BNA_F
ClientSampleId :
HR-06-062917-B

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	631499		
171	35.6		29.6	44.4
170	24.0		19.8	29.8

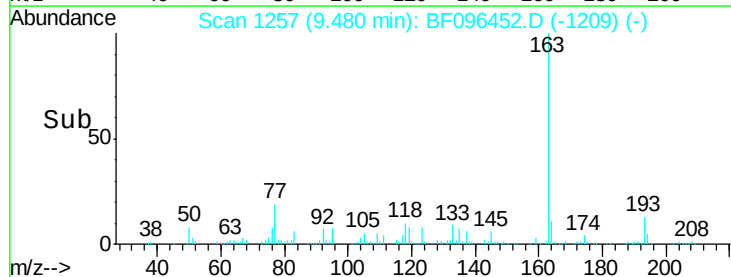
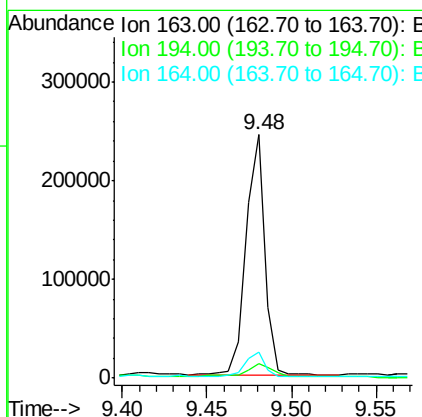
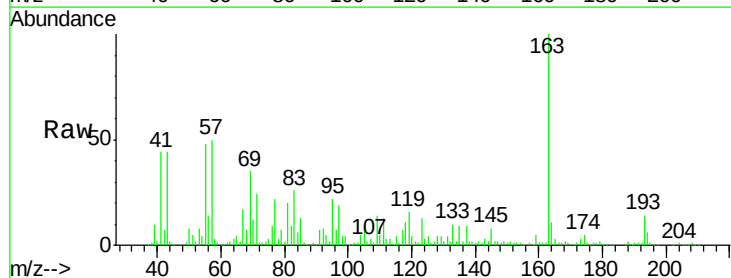
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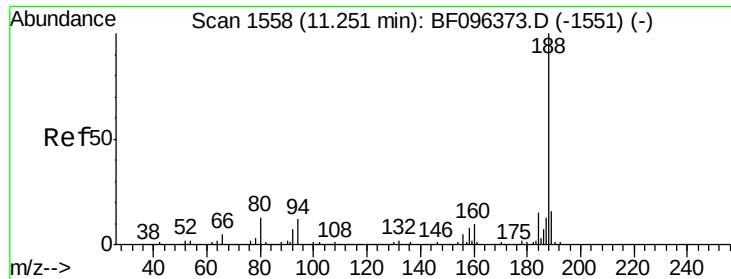
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#49
Dimethylphthalate
Concen: 17.481 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	189307		
194	5.8		2.6	4.0#
164	10.9		8.4	12.6





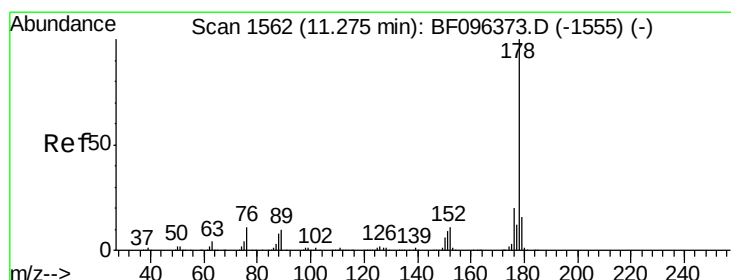
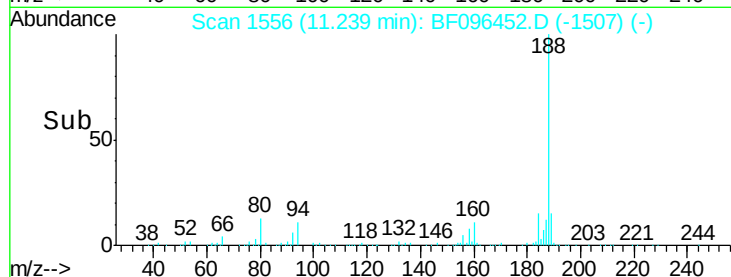
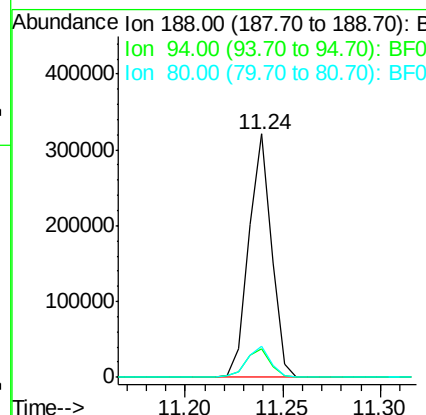
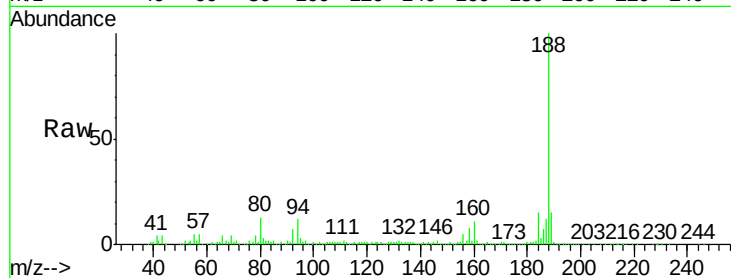
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Instrument :
BNA_F
ClientSampleId :
HR-06-062917-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.7	9.4	14.2
80	12.8	10.2	15.2

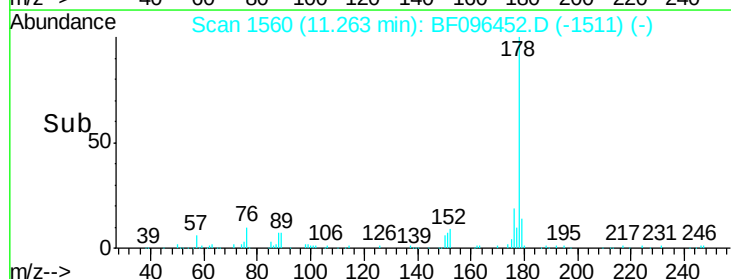
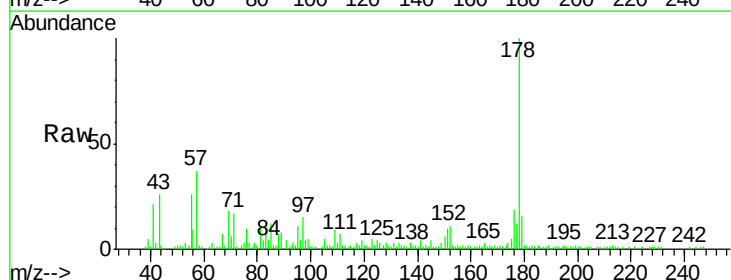
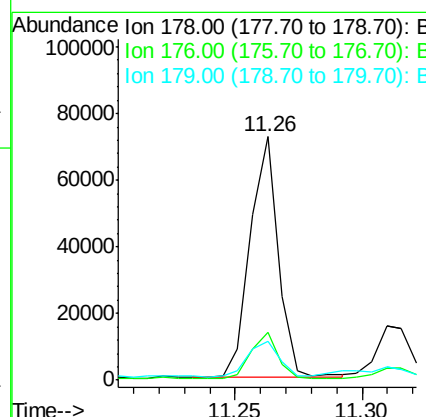
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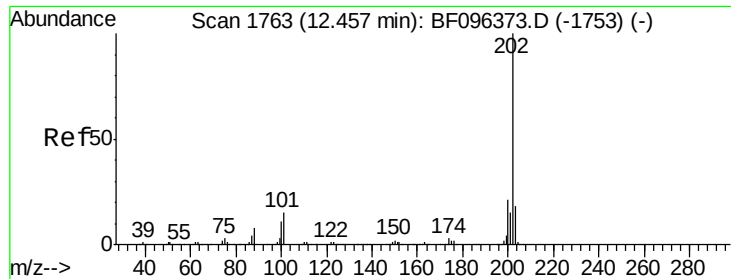
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#70
Phenanthrene
Concen: 3.985 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.4	16.2	24.4
179	15.8	12.6	19.0





#74

Fluoranthene

Concen: 9.144 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Instrument :

BNA_F

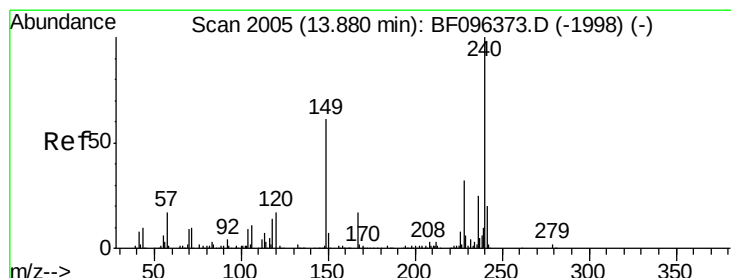
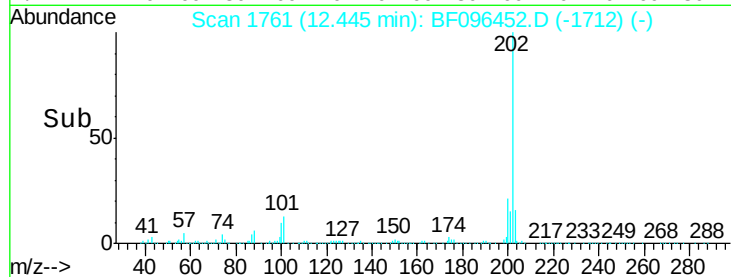
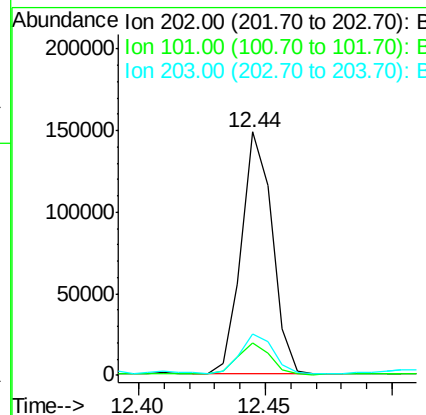
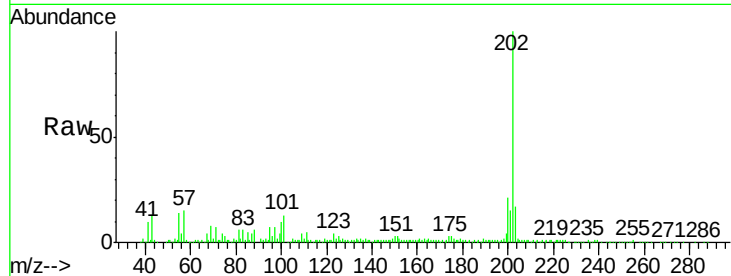
ClientSampleId :

HR-06-062917-B

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		125223		
101	13.4	0.0	33.2		
203	17.2	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

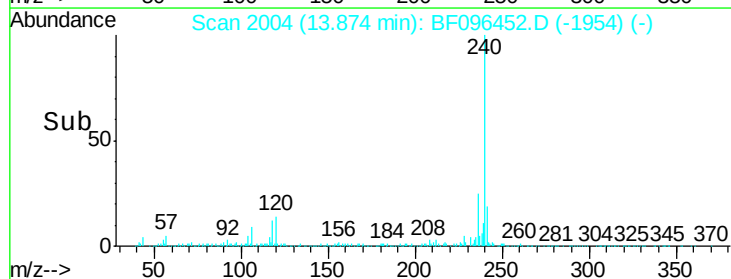
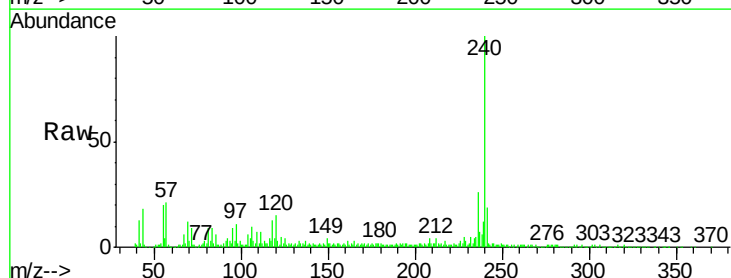
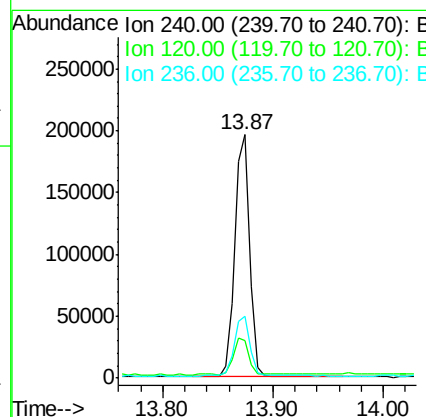
RT: 13.87 min Scan# 2004

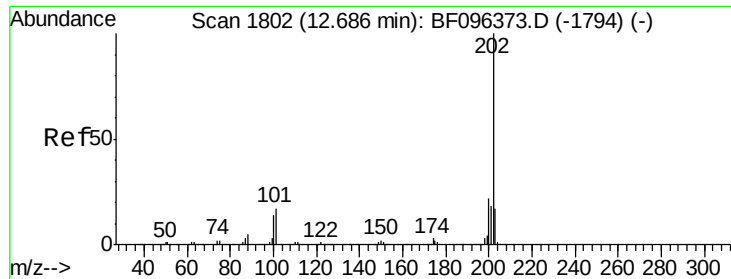
Delta R.T. -0.01 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		184917		
120	15.4	5.8	8.8#		
236	25.7	20.5	30.7		





#77

Pyrene

Concen: 8.329 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Instrument :

BNA_F

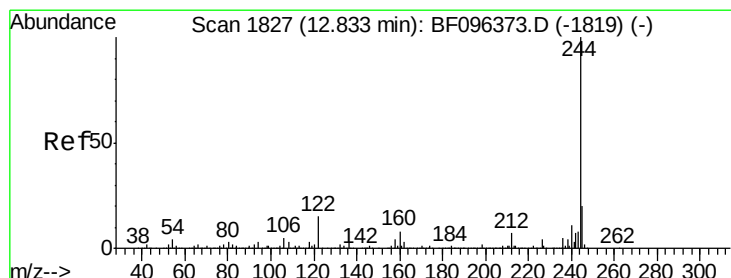
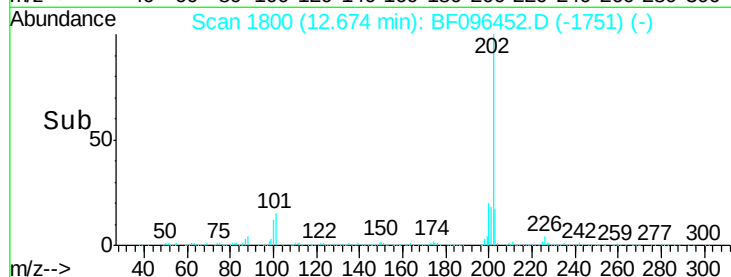
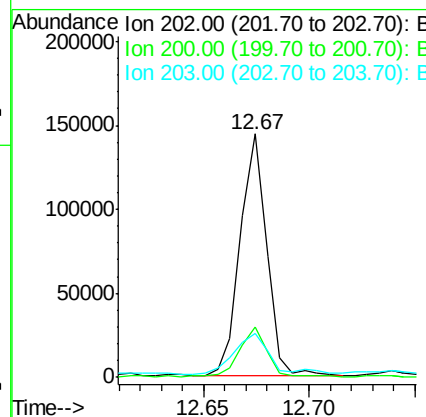
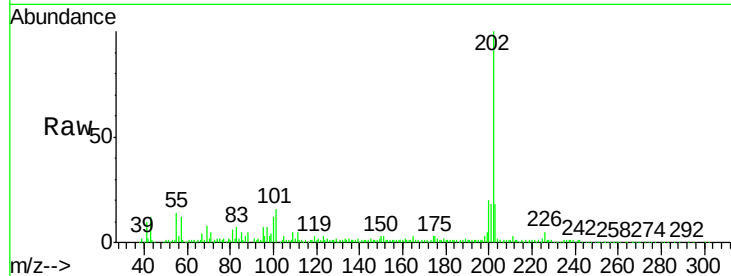
ClientSampleId :

HR-06-062917-B

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.5	17.6	26.4		
203	18.3	14.4	21.6		

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#78

Terphenyl-d14

Concen: 60.812 ng

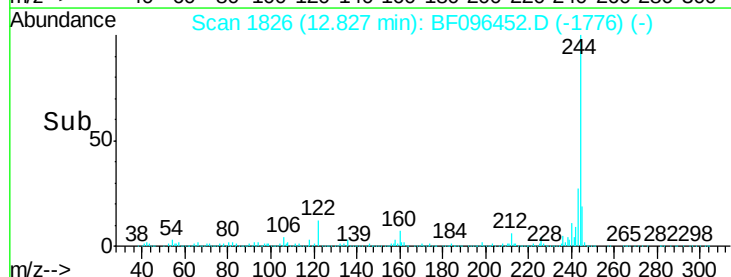
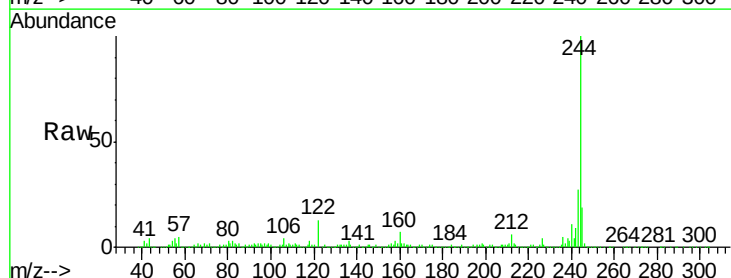
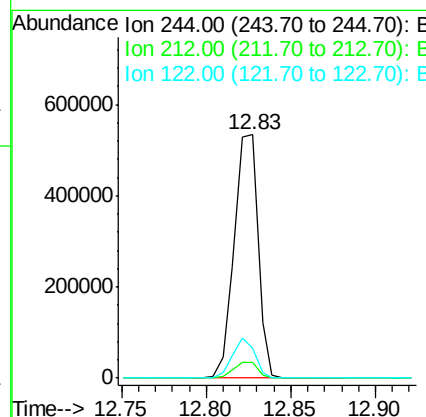
RT: 12.83 min Scan# 1826

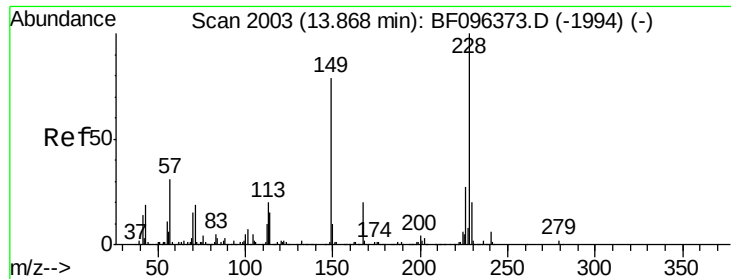
Delta R.T. -0.01 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100				
212	6.3	6.0	9.0		
122	12.5	10.3	15.5		





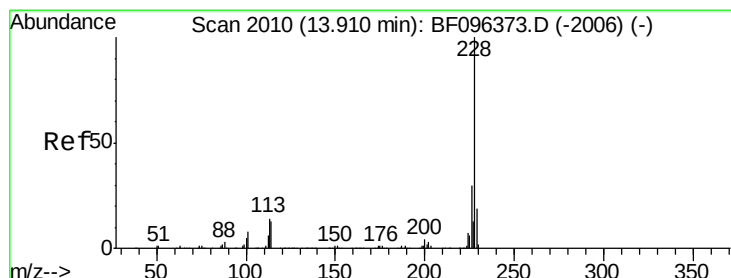
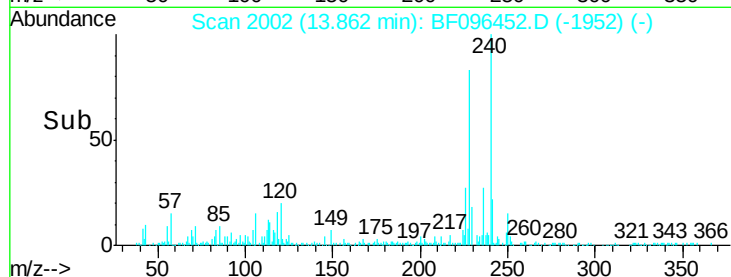
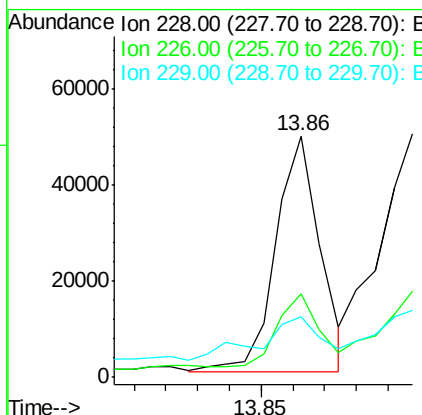
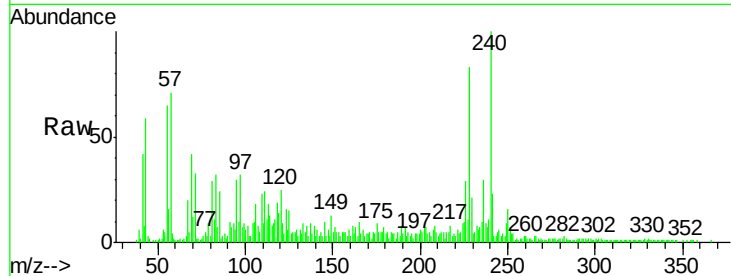
#80
Benzo(a)anthracene
Concen: 4.507 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Instrument :
BNA_F
ClientSampleId :
HR-06-062917-B

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	22.6	33.8#
229	25.3	16.3	24.5#

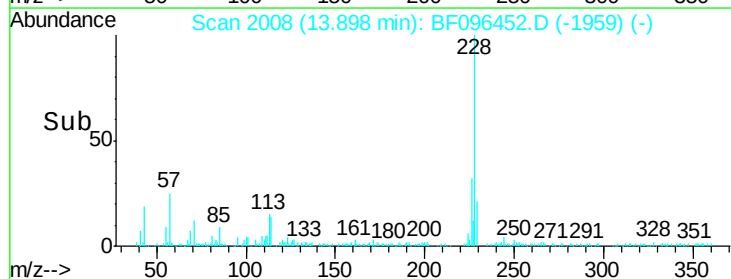
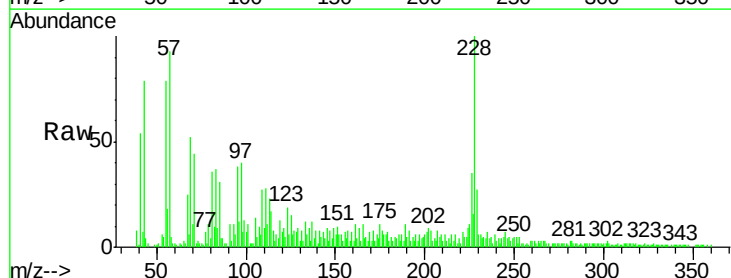
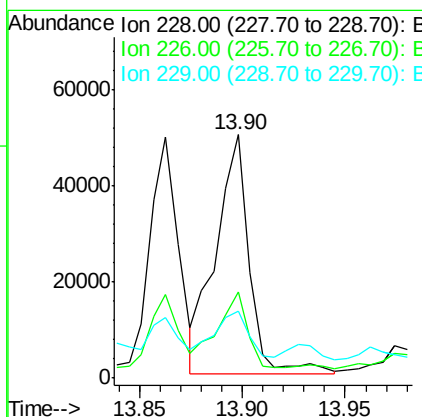
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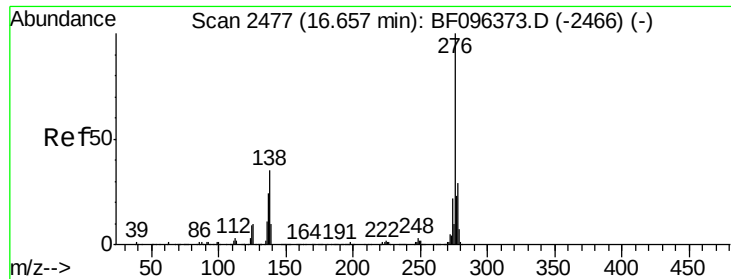
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#82
Chrysene
Concen: 5.072 ng m
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.4	24.9	37.3
229	27.4	15.8	23.6#





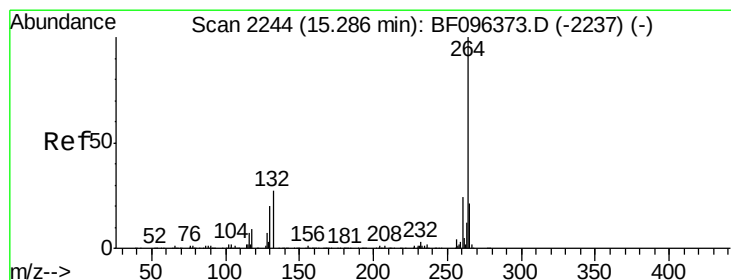
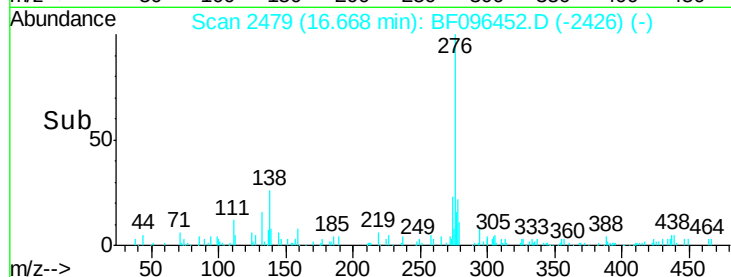
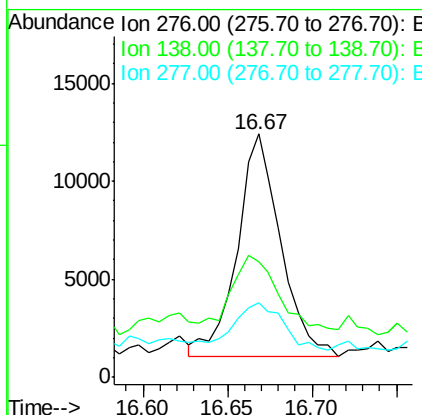
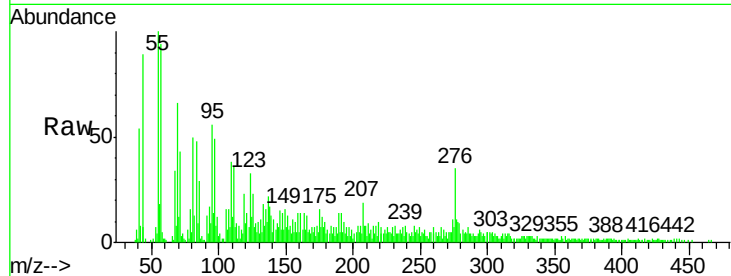
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.268 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Instrument :
BNA_F
ClientSampleId :
HR-06-062917-B

Tgt Ion	Ratio	Lower	Upper
276	100		
138	38.1	27.8	41.6
277	24.0	20.2	30.4

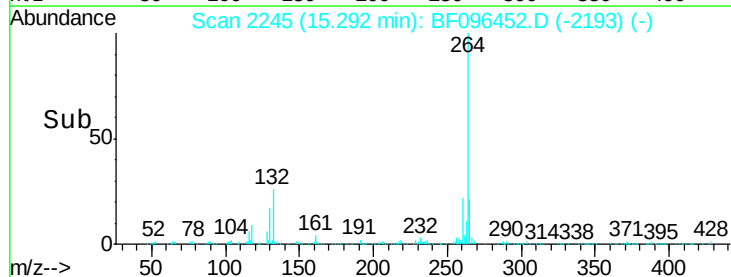
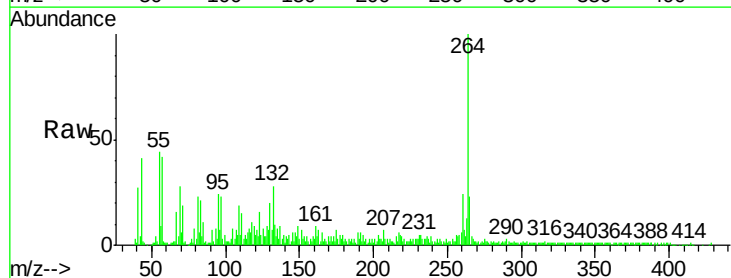
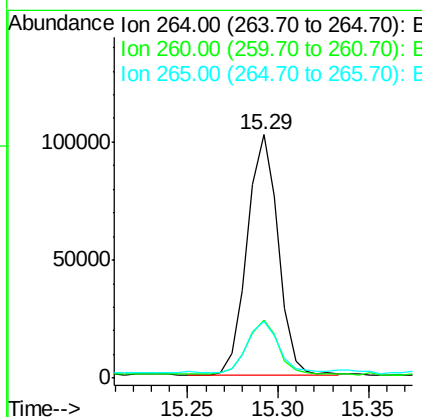
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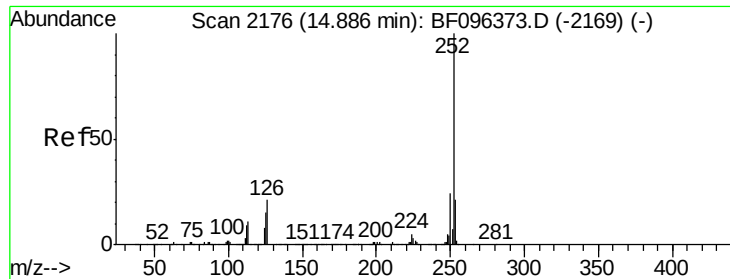
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF096452.D
Acq: 3 Jul 2017 20:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	23.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 6.412 ng m

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Instrument :

BNA_F

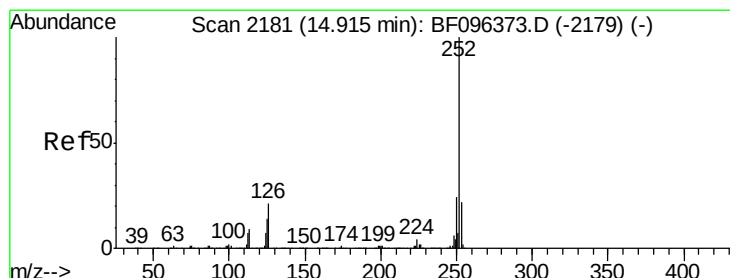
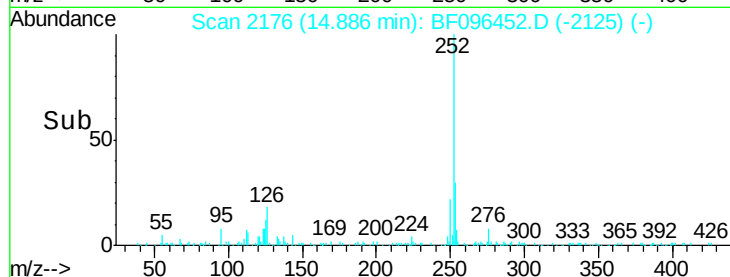
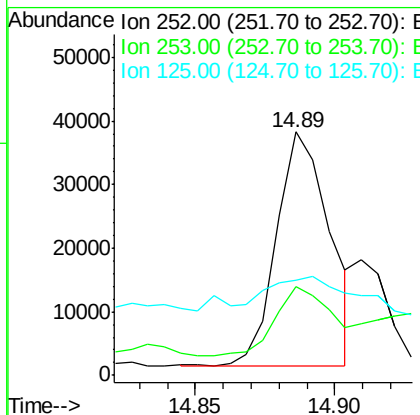
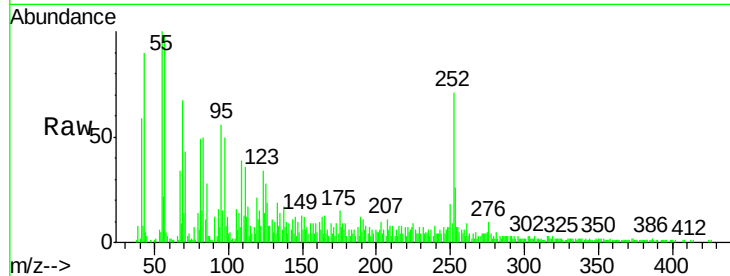
ClientSampleId :

HR-06-062917-B

Tgt Ion:	252	Resp:	48710
Ion Ratio	Lower	Upper	
252	100		
253	36.2	18.1	27.1#
125	39.1	9.8	14.8#

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#88

Benzo(k)fluoranthene

Concen: 2.308 ng m

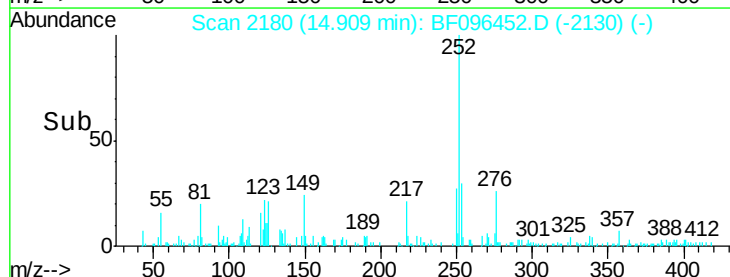
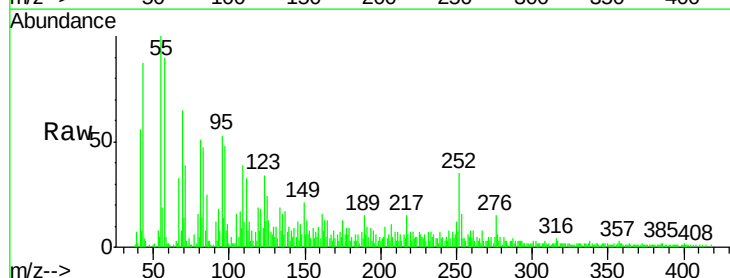
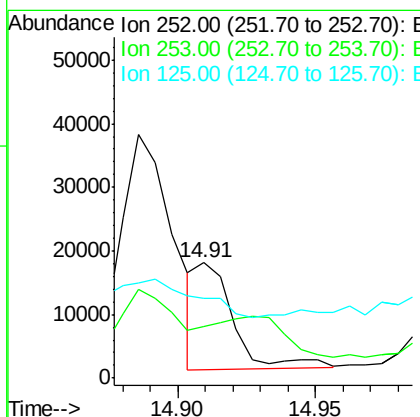
RT: 14.91 min Scan# 2180

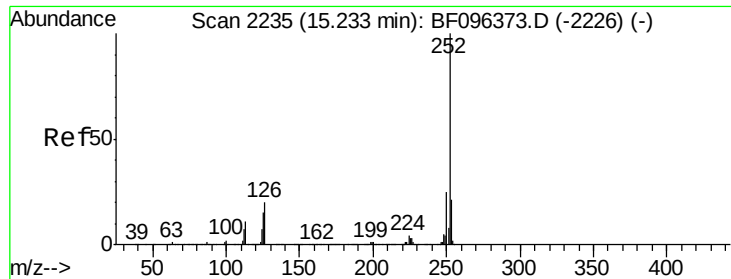
Delta R.T. -0.01 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Tgt Ion:	252	Resp:	15683
Ion Ratio	Lower	Upper	
252	100		
253	45.1	18.4	27.6#
125	69.3	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 4.878 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Instrument :

BNA_F

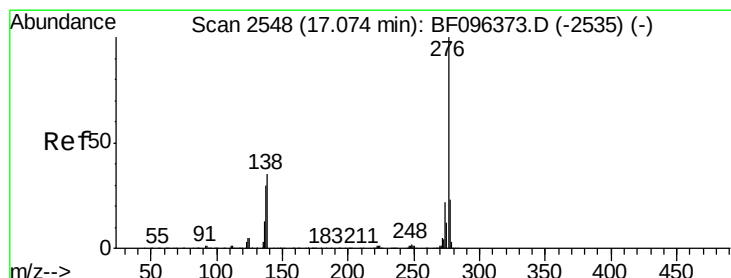
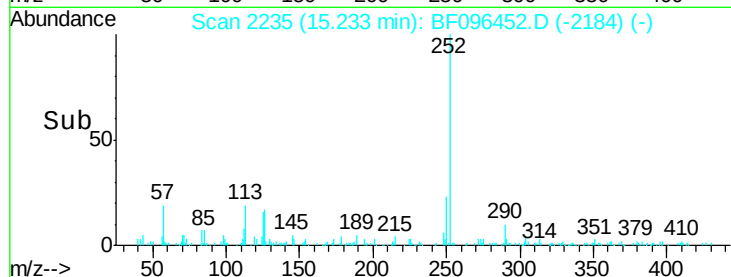
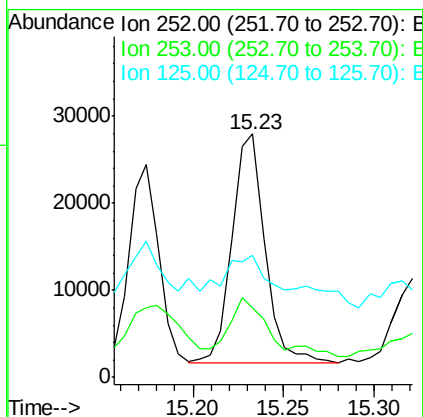
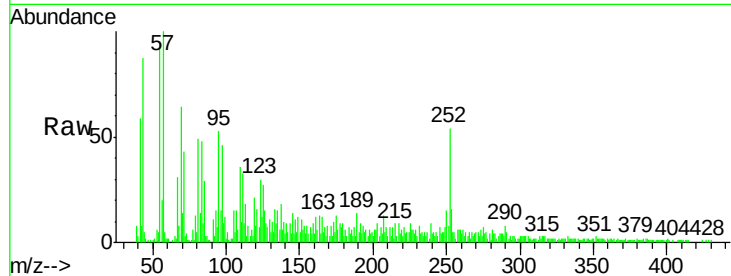
ClientSampleId :

HR-06-062917-B

Tgt Ion:	252	Resp:	33081
Ion Ratio	Lower	Upper	
252	100		
253	28.7	17.5	26.3#
125	50.3	11.0	16.4#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 3.930 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF096452.D

Acq: 3 Jul 2017 20:20

Tgt Ion:	276	Resp:	21729
Ion Ratio	Lower	Upper	
276	100		
277	38.4	18.6	28.0#
138	57.8	25.4	38.0#

