

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096454.D
 Acq On : 3 Jul 2017 21:16
 Operator : SJ/MA
 Sample : I4007-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-MH2094-COMP

Manual Integrations
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mohammad
 7/5/2017 11:41:51 AM

Quant Time: Jul 04 02:45:09 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	115305	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	438199	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	174348	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	272901	20.00	ng	0.00
75) Chrysene-d12	13.87	240	184426	20.00	ng	0.00
86) Perylene-d12	15.29	264	138024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	747277	95.66	ng	0.00
7) Phenol-d6	6.37	99	886800	92.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	447613	61.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	142396	104.56	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	769181	75.43	ng	-0.01
78) Terphenyl-d14	12.83	244	502450	58.22	ng	0.00
Target Compounds						
10) Phenol	6.38	94	44065	4.027	ng	Qvalue 89
49) Dimethylphthalate	9.48	163	217036	16.676	ng	100
70) Phenanthrene	11.27	178	159176	10.790	ng	98
74) Fluoranthene	12.45	202	182067	12.588	ng	99
77) Pyrene	12.68	202	140954	9.522	ng	98
80) Benzo(a)anthracene	13.86	228	52902	4.953	ng	98
82) Chrysene	13.90	228	47890	4.282	ng	93
87) Benzo(b)fluoranthene	14.89	252	48825m	5.645	ng	
89) Benzo(a)pyrene	15.23	252	29376	3.804	ng	# 81
91) Benzo(g,h,i)perylene	17.07	276	14067	2.235	ng	# 78

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

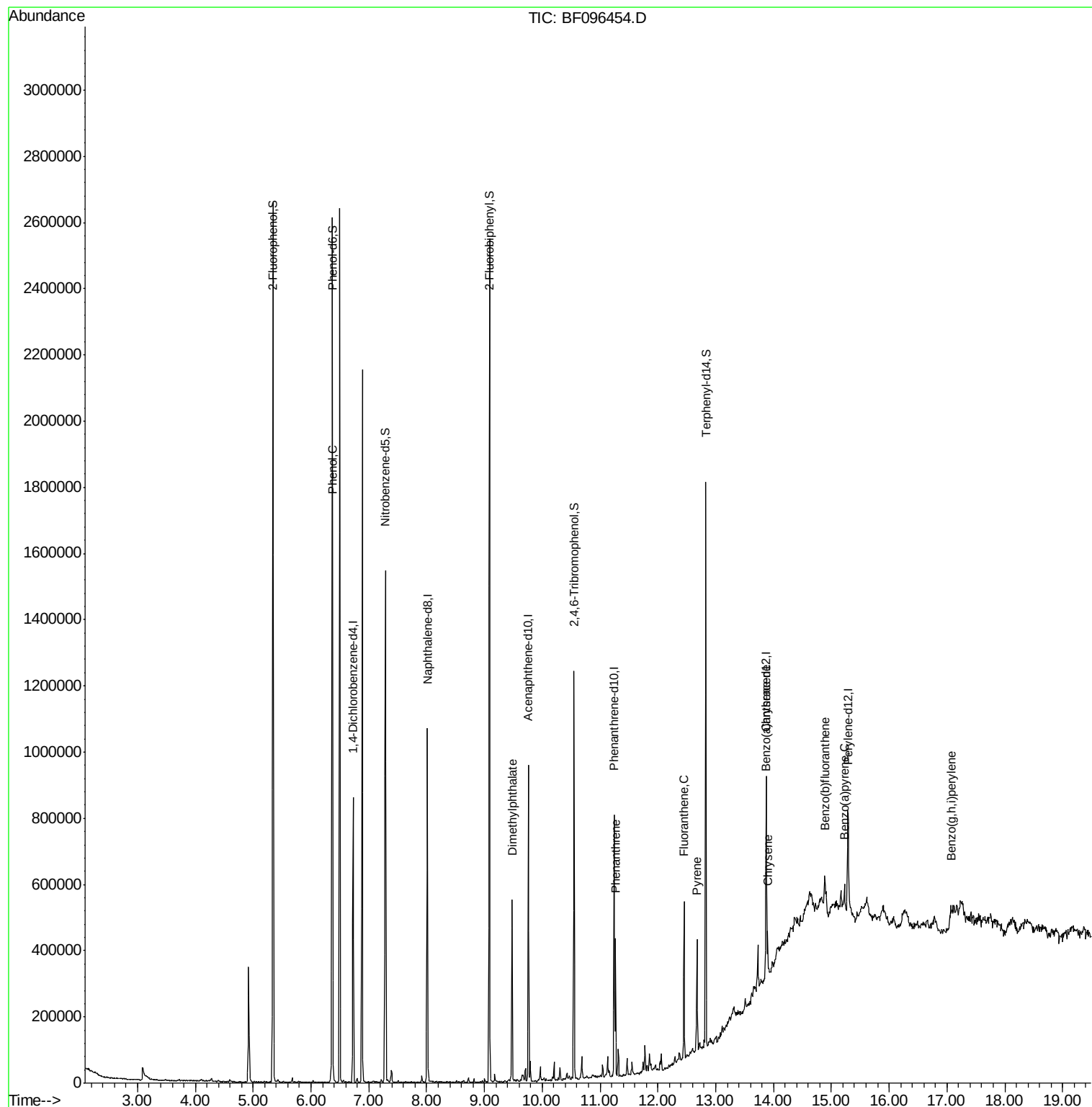
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096454.D
Acq On : 3 Jul 2017 21:16
Operator : SJ/MA
Sample : I4007-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

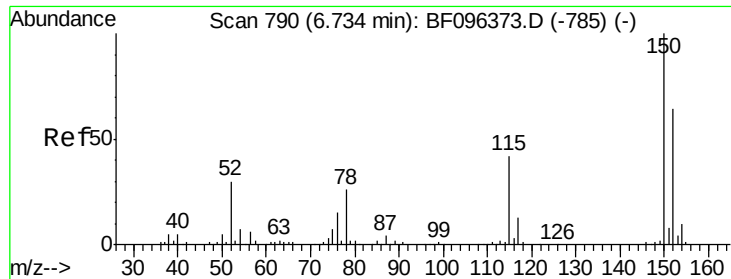
Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

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#1

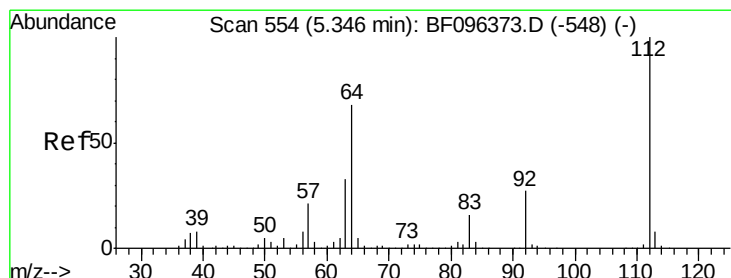
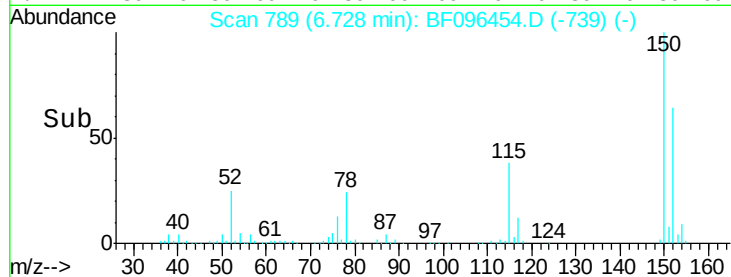
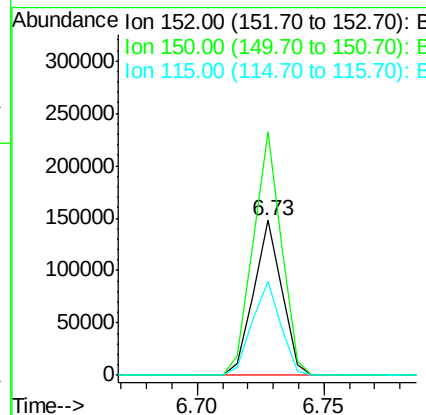
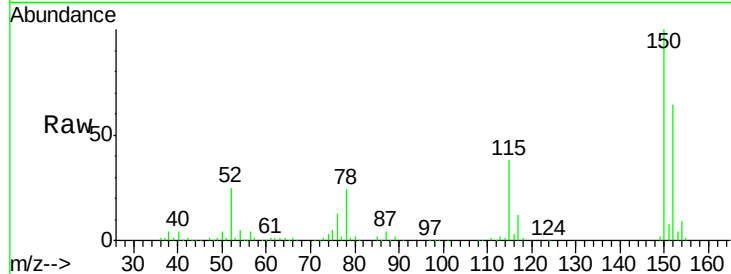
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	60.5	52.2	78.2

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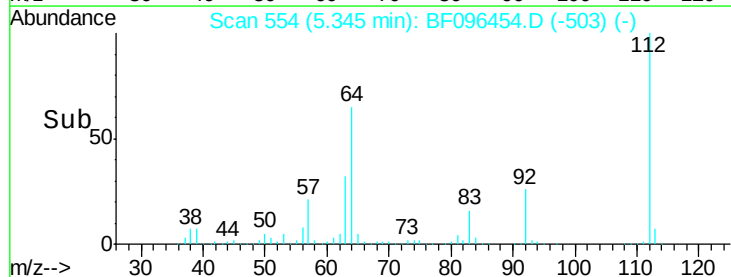
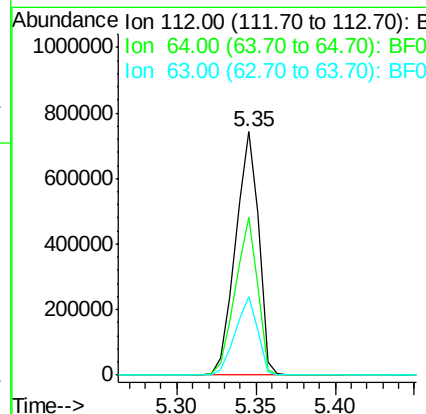
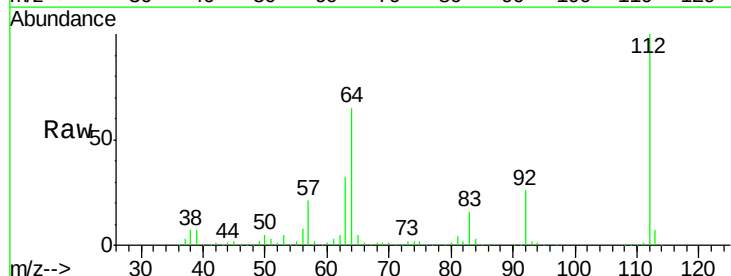
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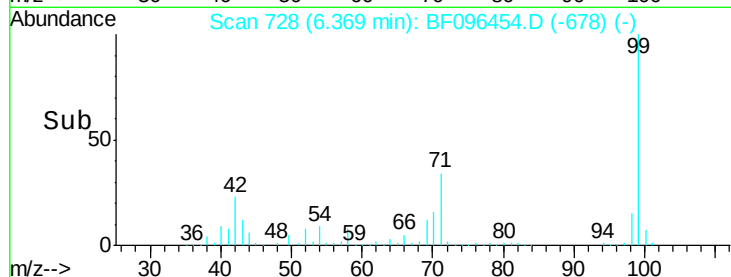
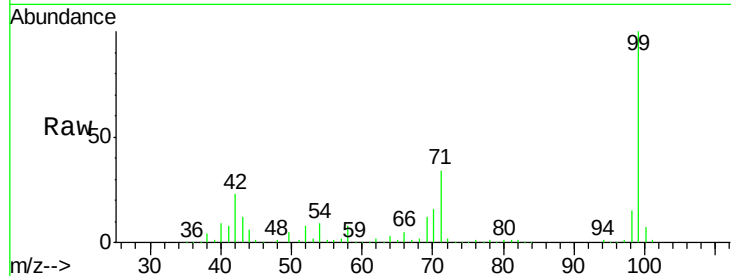
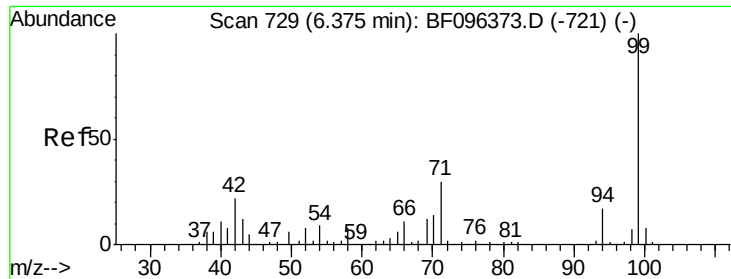


#5

2-Fluorophenol
Concen: 95.656 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	32.2	23.4	35.0





#7

Phenol-d6

Concen: 92.336 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096454.D

Acq: 3 Jul 2017 21:16

Tgt Ion:	99	Resp:	886800
Ion Ratio	Lower	Upper	
99	100		
42	23.0	13.5	20.3#
71	33.8	24.5	36.7

Instrument :

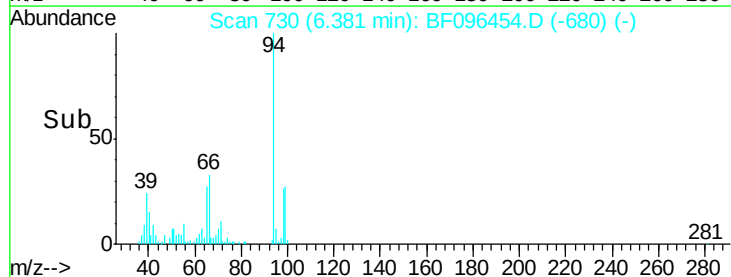
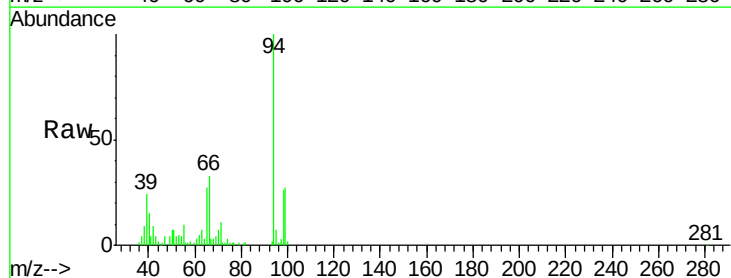
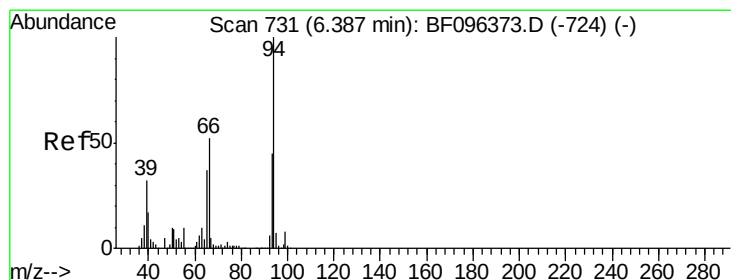
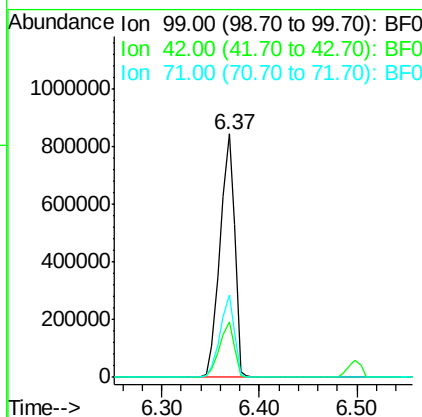
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ClientSampleId :

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#10

Phenol

Concen: 4.027 ng

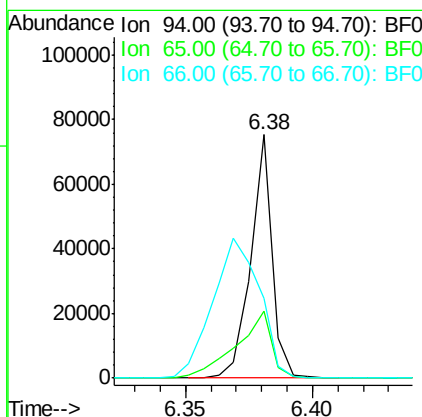
RT: 6.38 min Scan# 730

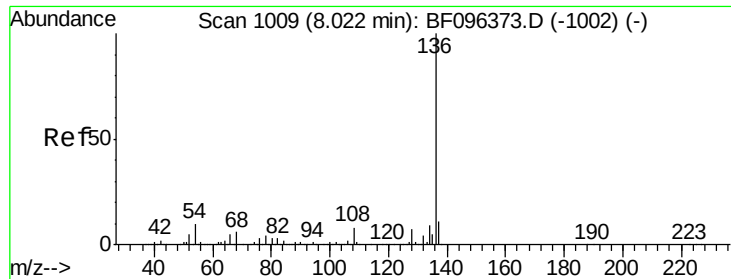
Delta R.T. -0.01 min

Lab File: BF096454.D

Acq: 3 Jul 2017 21:16

Tgt Ion:	94	Resp:	44065
Ion Ratio	Lower	Upper	
94	100		
65	27.3	9.9	49.9
66	32.9	23.1	63.1





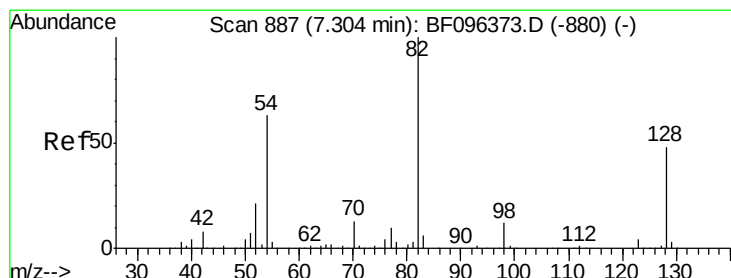
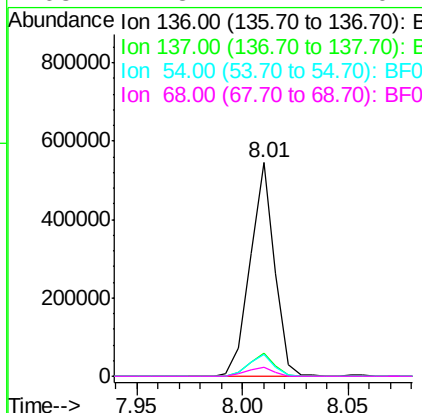
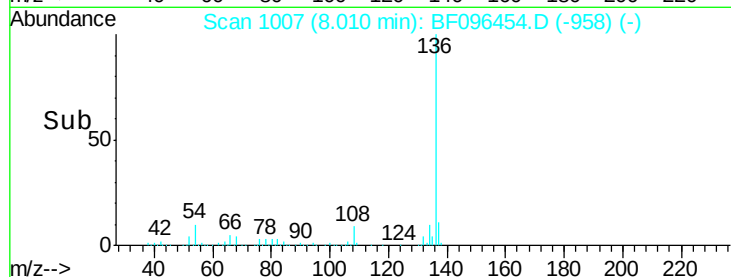
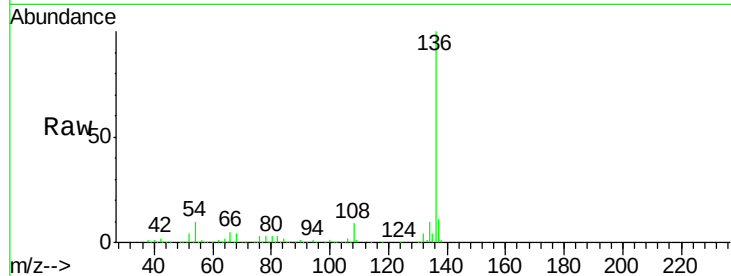
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	438199		
137	10.7	8.5	12.7	
54	10.0	4.9	7.3#	
68	4.3	4.1	6.1	

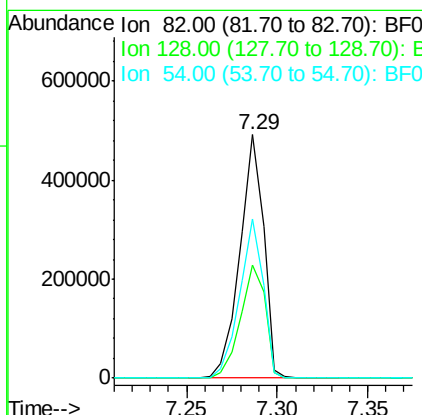
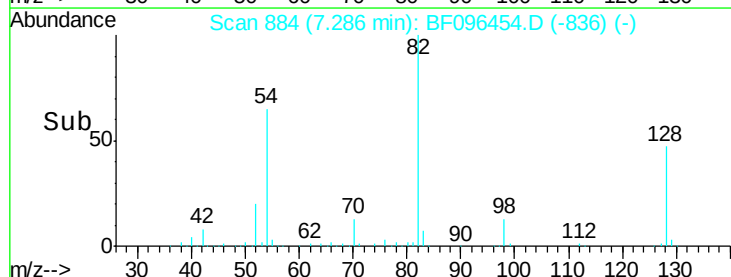
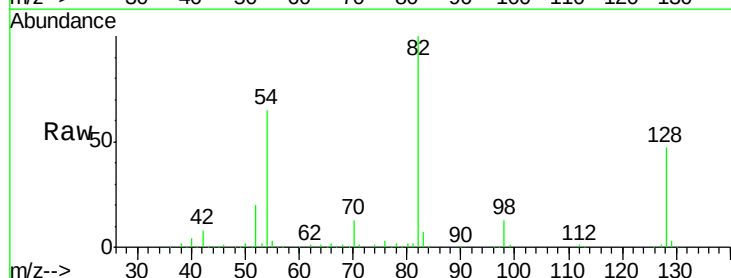
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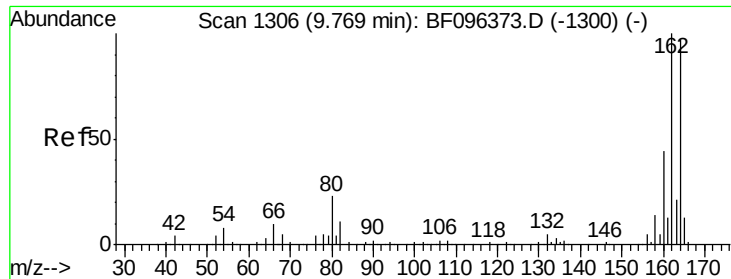
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#23
Nitrobenzene-d5
Concen: 61.382 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	447613		
128	46.6	34.0	51.0	
54	65.4	42.2	63.2#	





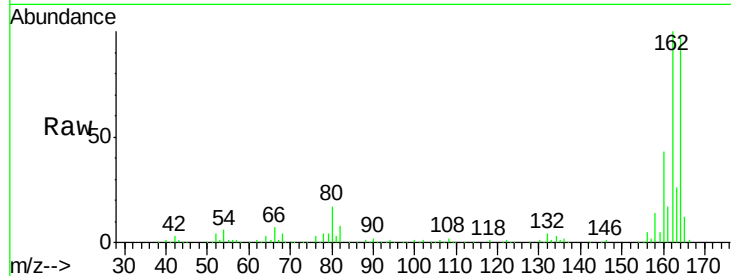
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

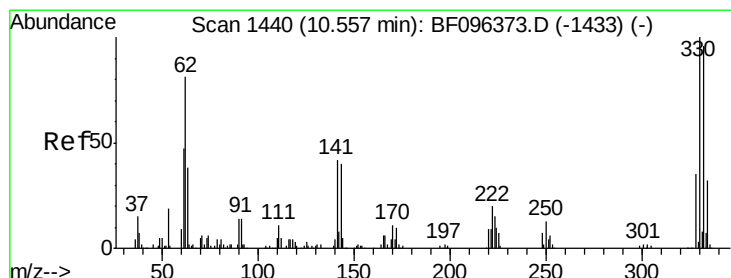
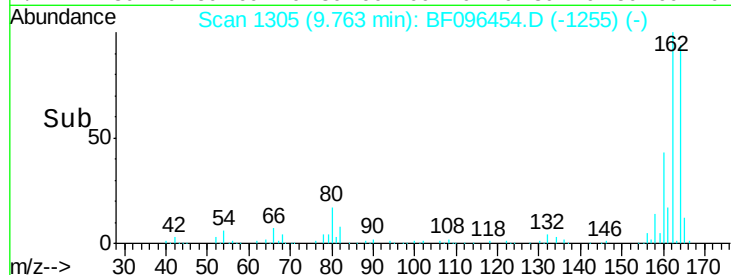
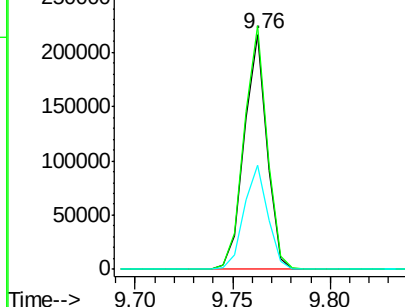
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	174348		
162	103.5	82.6	123.8	
160	44.5	36.2	54.2	

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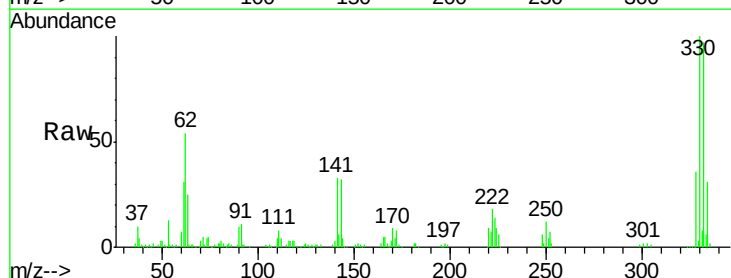


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

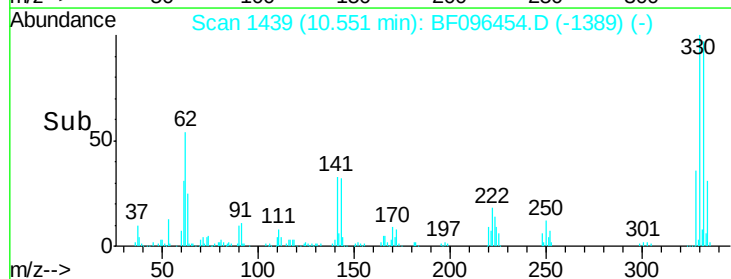
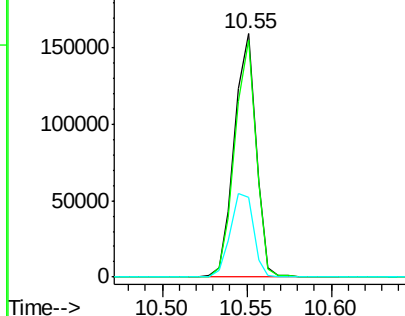


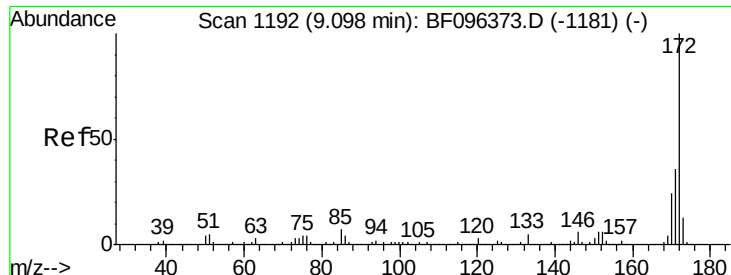
#41
2,4,6-Tribromophenol
Concen: 104.559 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	142396		
332	95.5	76.6	115.0	
141	36.8	31.4	47.2	



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





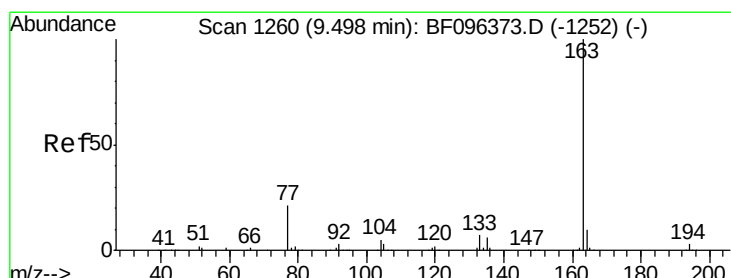
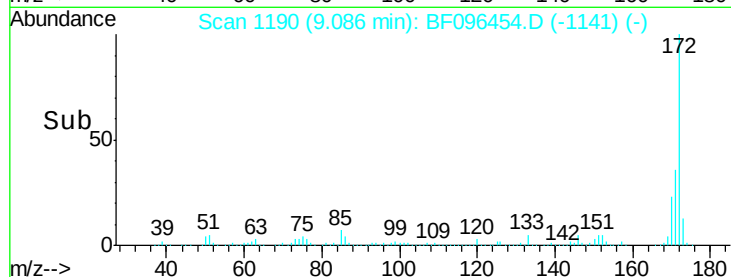
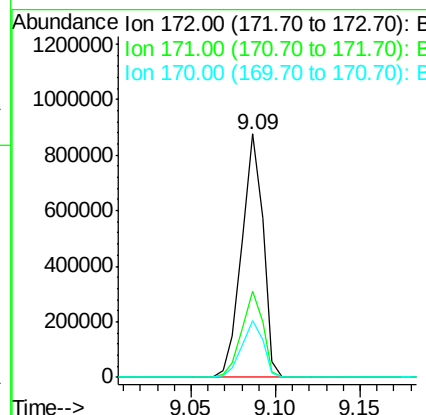
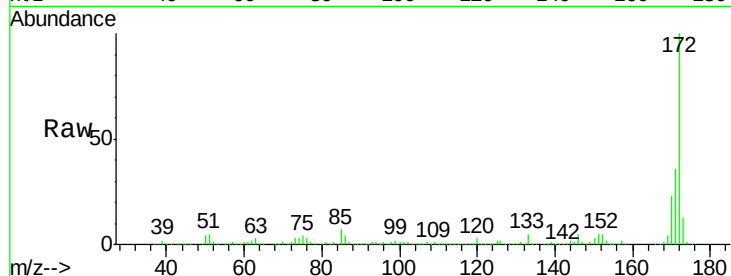
#44
2-Fluorobiphenyl
Concen: 75.431 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.6	29.6	44.4
170	23.4	19.8	29.8

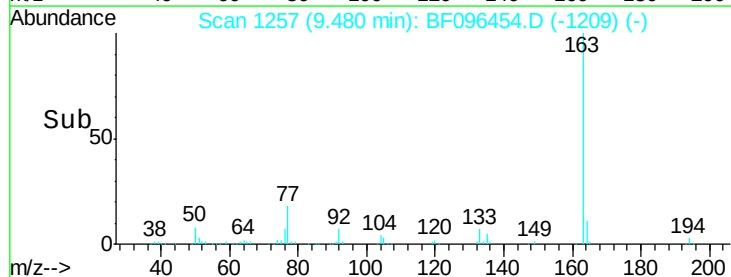
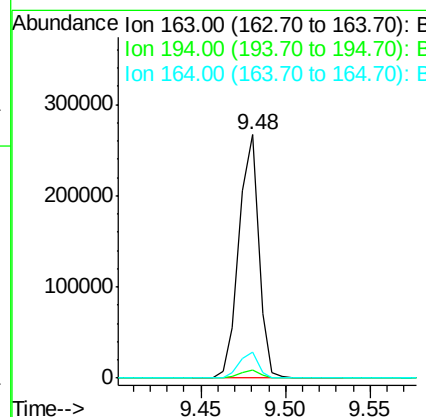
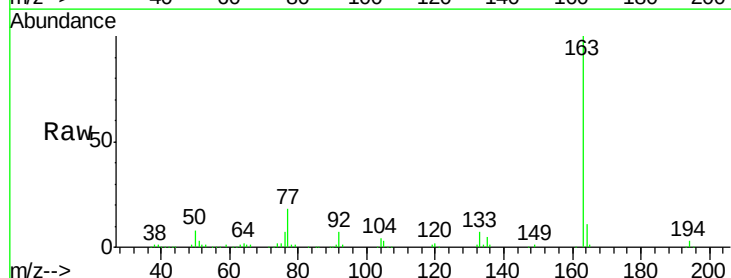
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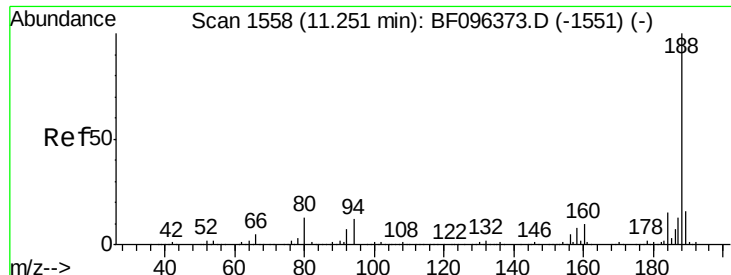
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#49
Dimethylphthalate
Concen: 16.676 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.6	8.4	12.6





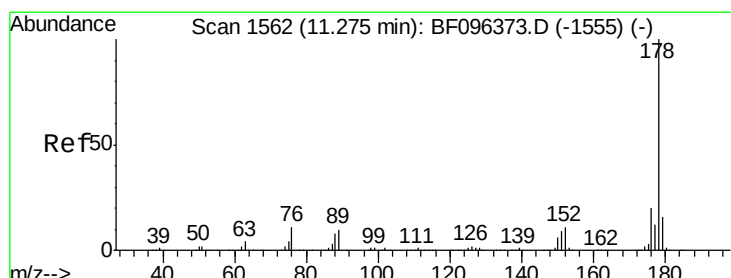
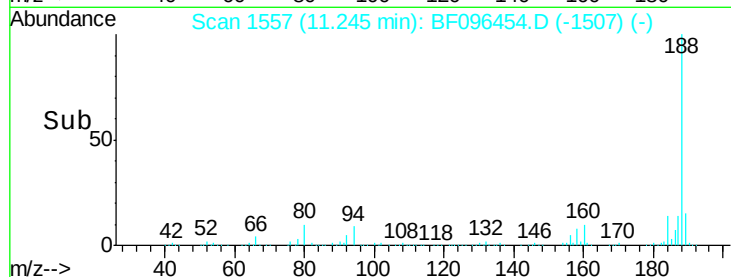
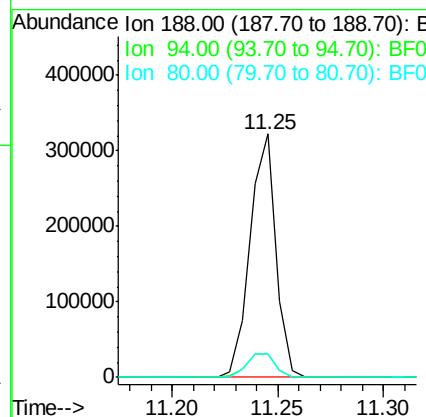
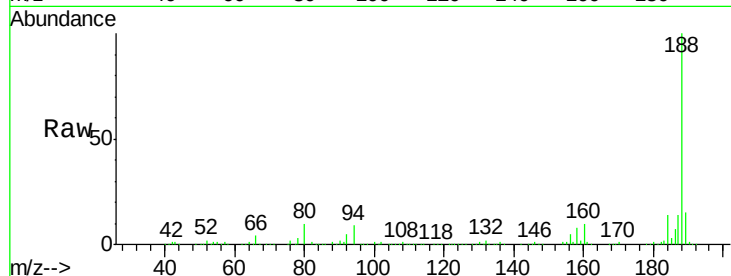
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.5	9.4	14.2
80	9.8	10.2	15.2#

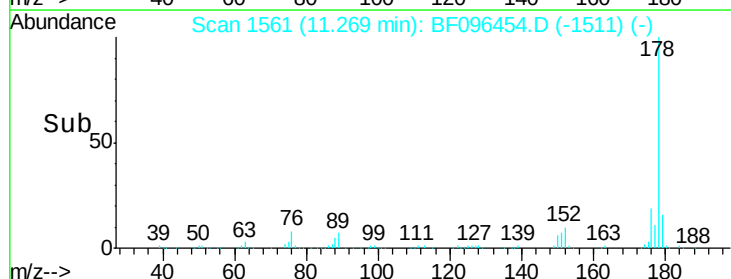
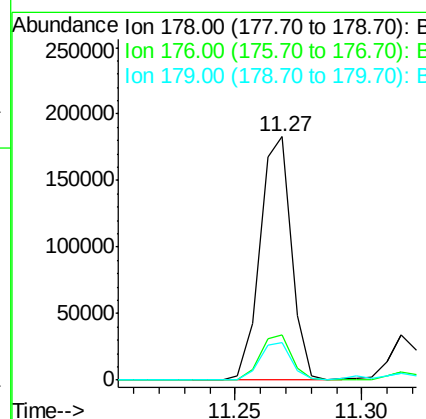
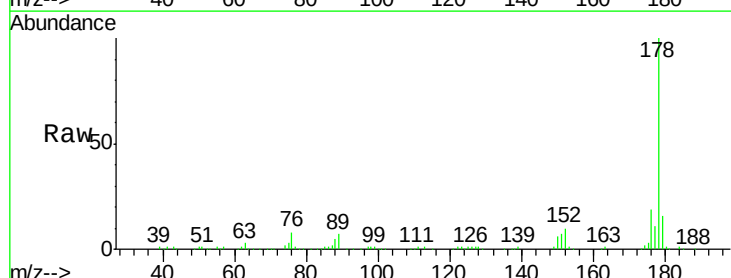
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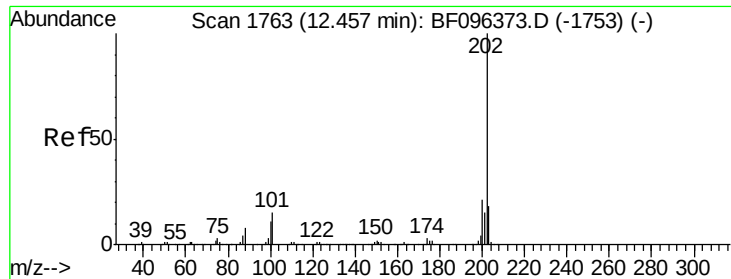
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#70
Phenanthrene
Concen: 10.790 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.6	16.2	24.4
179	15.5	12.6	19.0





#74

Fluoranthene

Concen: 12.588 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF096454.D

Acq: 3 Jul 2017 21:16

Instrument :

BNA_F

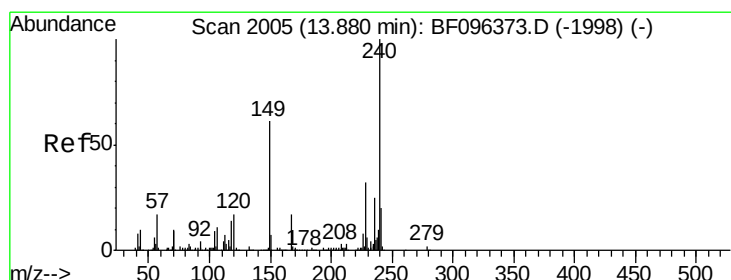
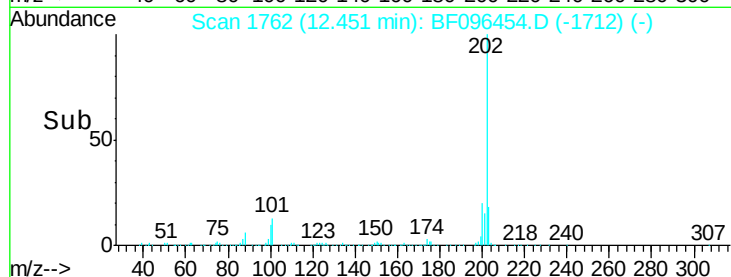
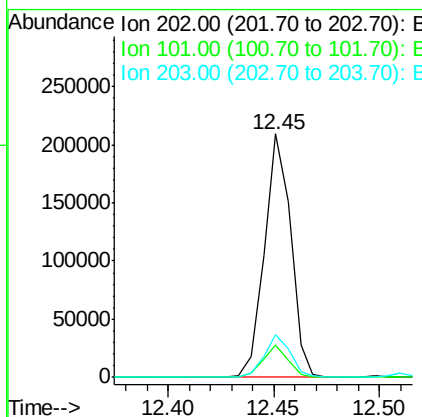
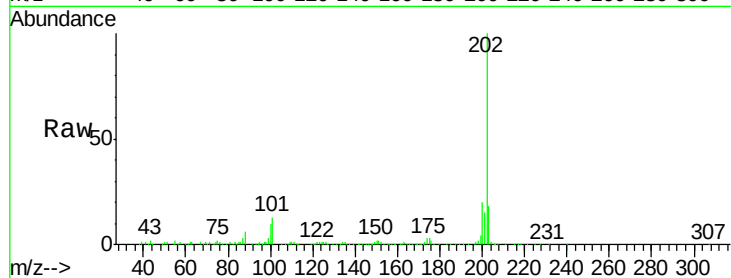
ClientSampleId :

TP2-MH2094-COMP

Tgt	Ion	202	Resp:	182067
Ion	Ratio	Lower	Upper	
202	100			
101	13.2	0.0	33.2	
203	17.7	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

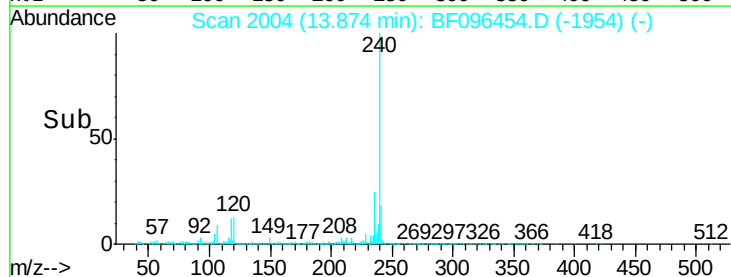
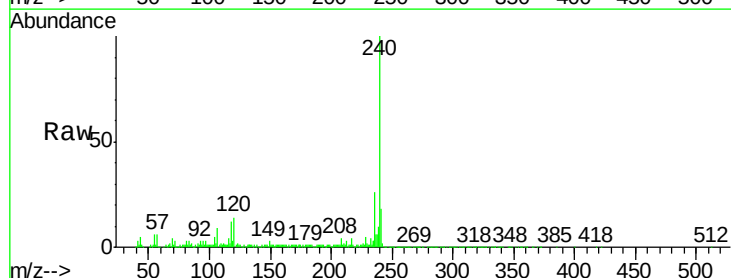
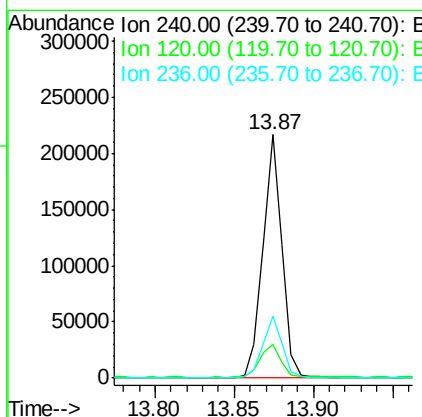
RT: 13.87 min Scan# 2004

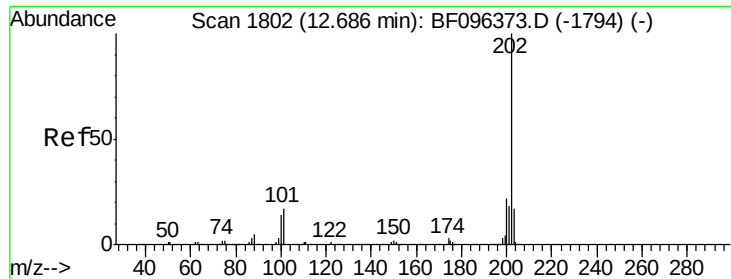
Delta R.T. -0.01 min

Lab File: BF096454.D

Acq: 3 Jul 2017 21:16

Tgt	Ion	240	Resp:	184426
Ion	Ratio	Lower	Upper	
240	100			
120	13.6	5.8	8.8#	
236	25.6	20.5	30.7	





#77

Pyrene

Concen: 9.522 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF096454.D

Acq: 3 Jul 2017 21:16

Instrument :

BNA_F

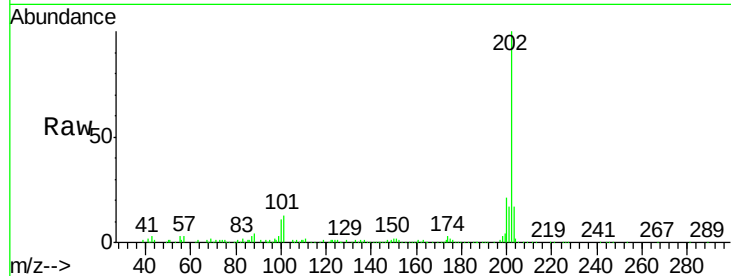
ClientSampleId :

TP2-MH2094-COMP

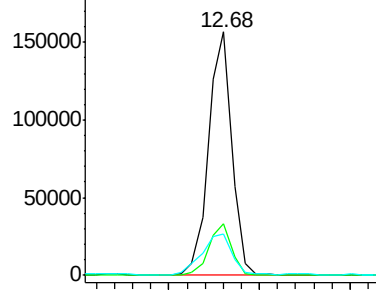
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	16.8	14.4	21.6

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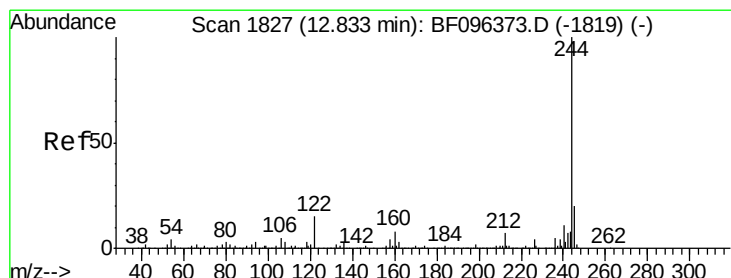
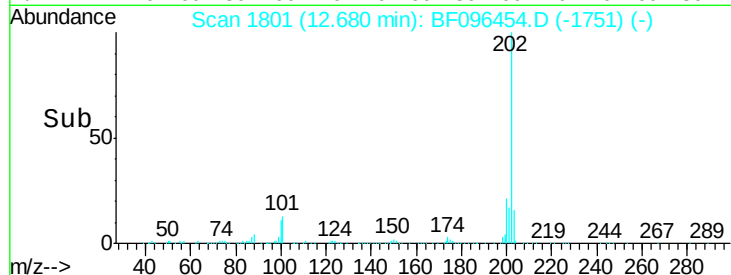
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 58.216 ng

RT: 12.83 min Scan# 1826

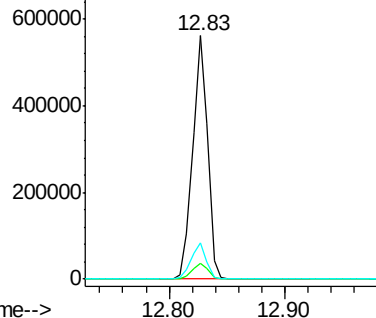
Delta R.T. -0.01 min

Lab File: BF096454.D

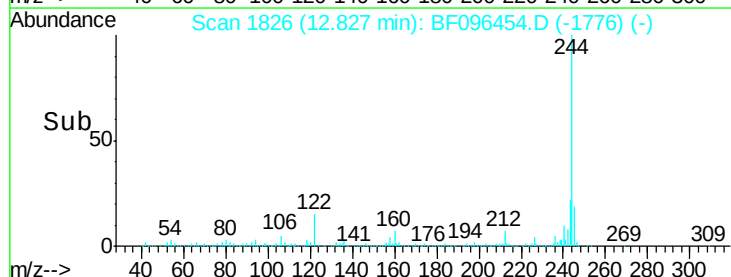
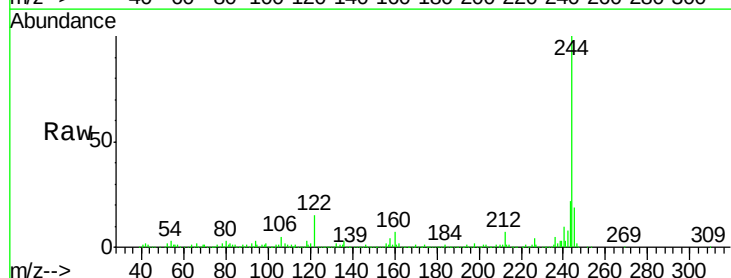
Acq: 3 Jul 2017 21:16

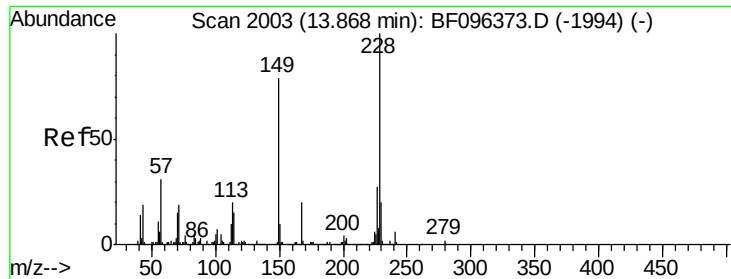
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.8	10.3	15.5

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



Time-->





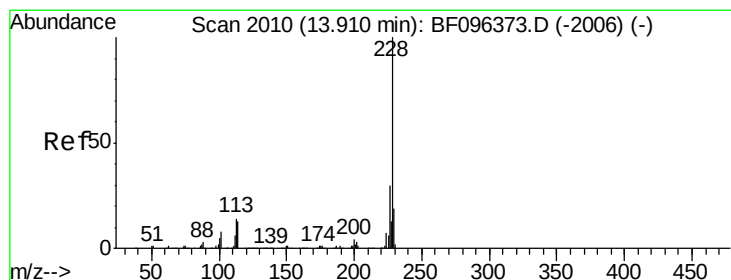
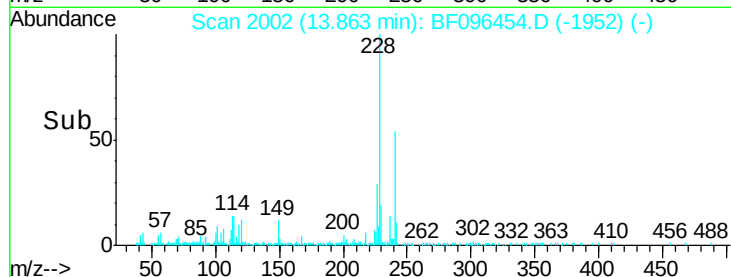
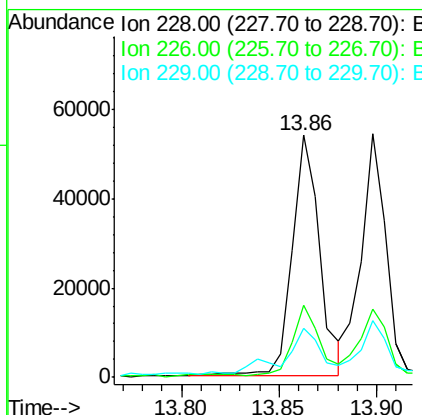
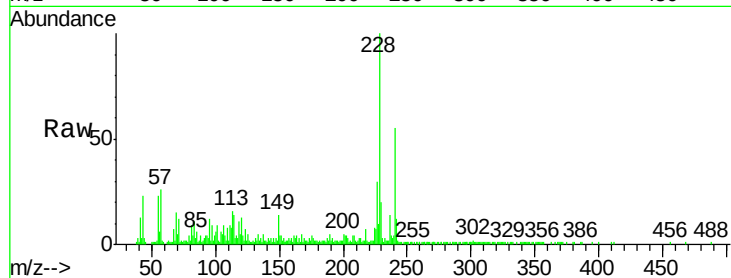
#80
Benzo(a)anthracene
Concen: 4.953 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Instrument :
BNA_F
ClientSampleId :
TP2-MH2094-COMP

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	20.4	16.3	24.5

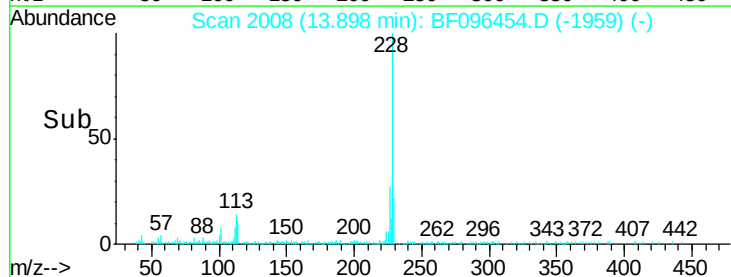
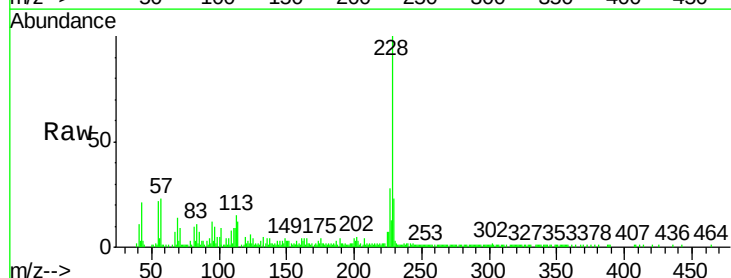
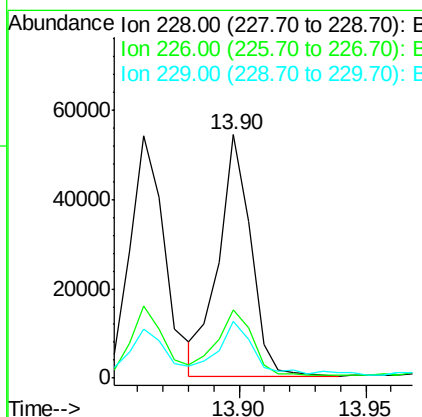
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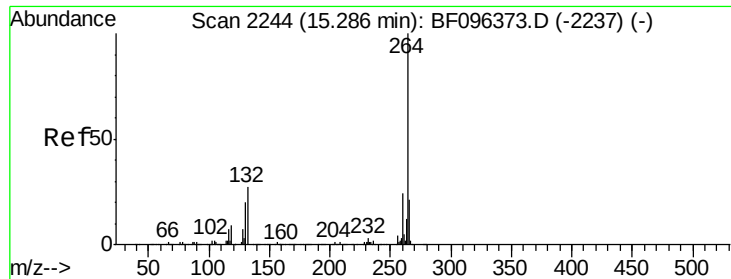
mohammad
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#82
Chrysene
Concen: 4.282 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF096454.D
Acq: 3 Jul 2017 21:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.9	37.3
229	23.4	15.8	23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BF096454.D

Acq: 3 Jul 2017 21:16

Instrument :

BNA_F

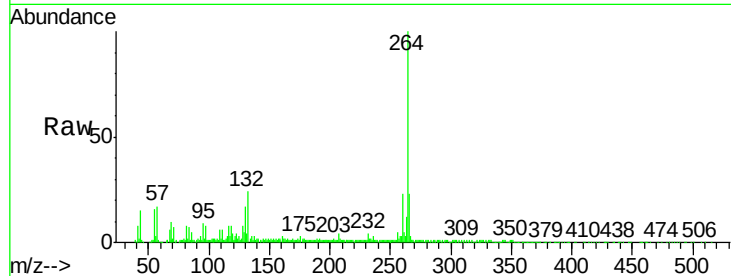
ClientSampleId :

TP2-MH2094-COMP

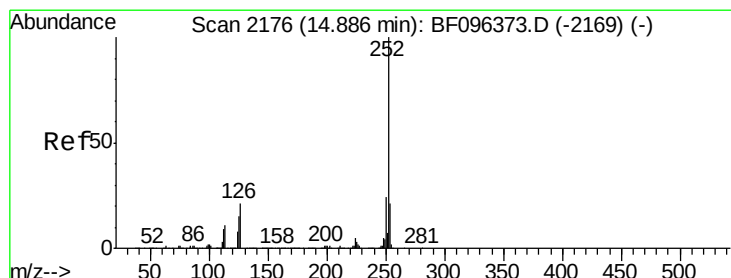
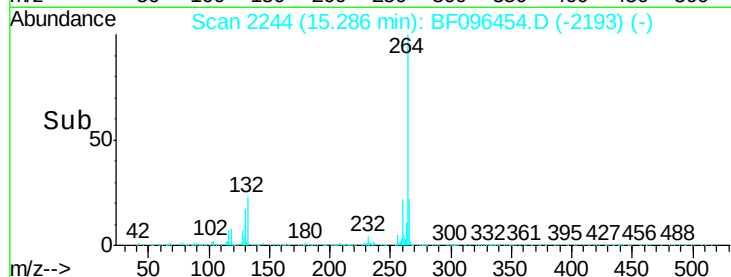
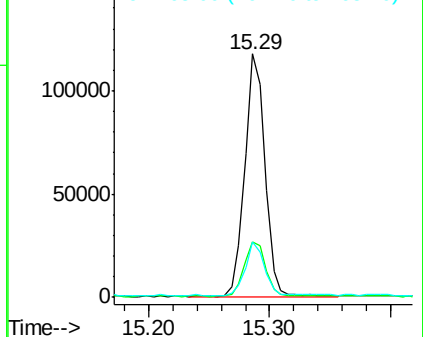
Tgt Ion:	264	Resp:	138024
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.5	29.3
265	22.9	17.2	25.8

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 5.645 ng m

RT: 14.89 min Scan# 2176

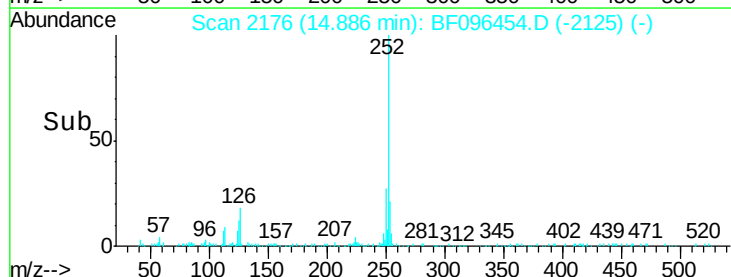
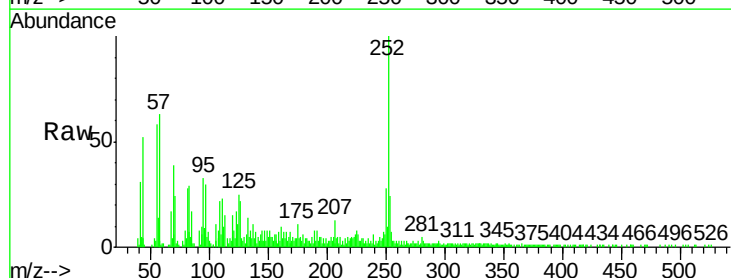
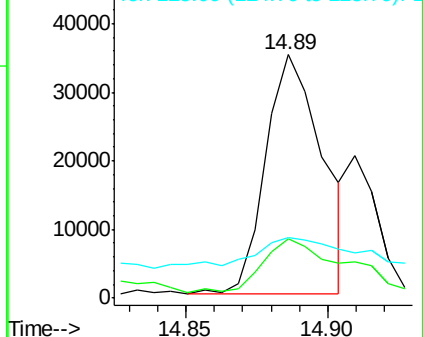
Delta R.T. -0.00 min

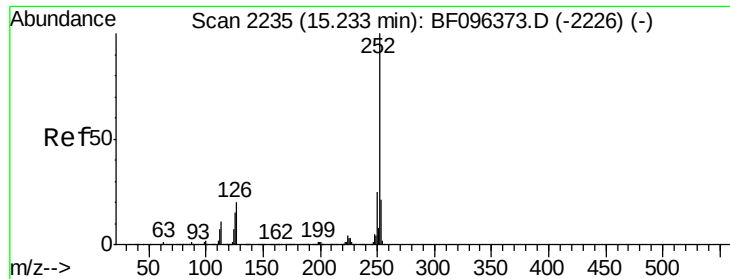
Lab File: BF096454.D

Acq: 3 Jul 2017 21:16

Tgt Ion:	252	Resp:	48825
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.1	27.1
125	25.1	9.8	14.8#

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: 3.804 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF096454.D

Acq: 3 Jul 2017 21:16

Instrument :

BNA_F

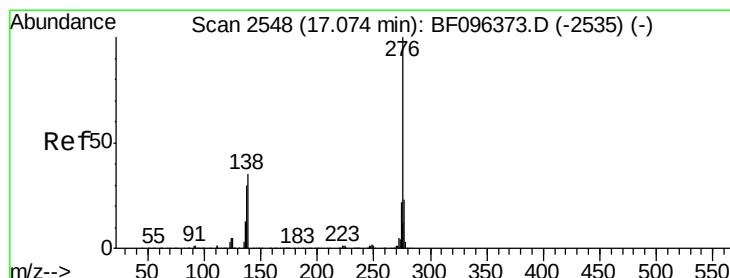
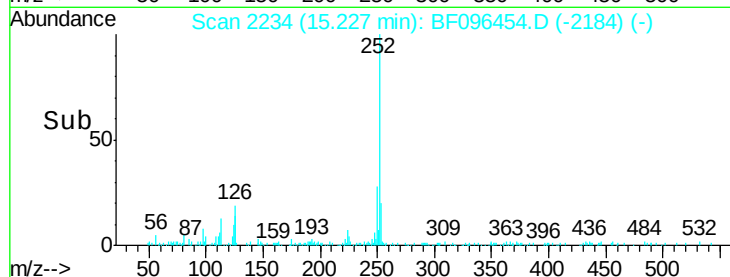
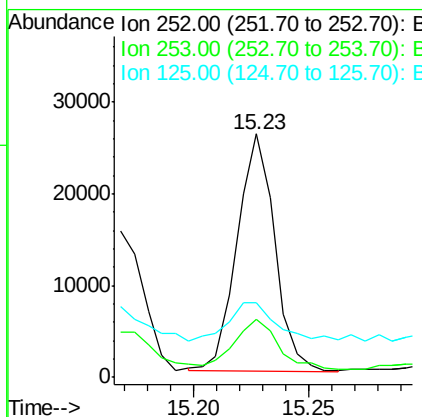
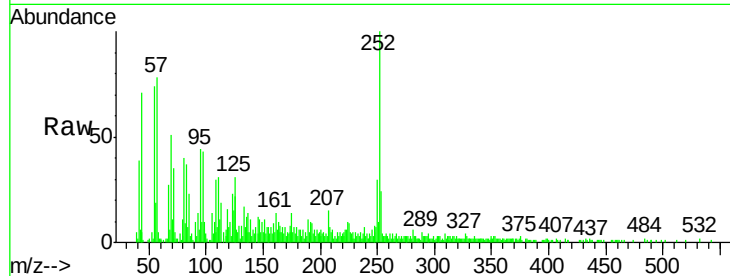
ClientSampleId :

TP2-MH2094-COMP

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	30.9	11.0	16.4

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#91

Benzo(g,h,i)perylene

Concen: 2.235 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF096454.D

Acq: 3 Jul 2017 21:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	32.2	18.6	28.0
138	45.3	25.4	38.0

