

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
 Data File : BF096546.D
 Acq On : 6 Jul 2017 21:10
 Operator : SJ/MA
 Sample : I3972-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4B-23-23.5

Manual Integrations
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Quant Time: Jul 07 09:30:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121822	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	510737	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	178453	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	277796	20.00	ng	0.00
75) Chrysene-d12	13.86	240	239778	20.00	ng	0.00
86) Perylene-d12	15.27	264	203554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	869136	105.30	ng	0.01
7) Phenol-d6	6.36	99	1034367	101.94	ng	0.00
23) Nitrobenzene-d5	7.27	82	596126	70.14	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	142934	102.54	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	840929	80.57	ng	0.00
78) Terphenyl-d14	12.82	244	577575	51.47	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	39391	3.408	ng	85
49) Dimethylphthalate	9.47	163	152847	11.474	ng	98
70) Phenanthrene	11.25	178	99249	6.609	ng	99
74) Fluoranthene	12.44	202	173298	11.770	ng	98
77) Pyrene	12.67	202	160901	8.360	ng	98
80) Benzo(a)anthracene	13.85	228	65177	4.694	ng	99
82) Chrysene	13.89	228	58898	4.051	ng	96
87) Benzo(b)fluoranthene	14.87	252	72253m	5.665	ng	
89) Benzo(a)pyrene	15.22	252	50412	4.427	ng	99
91) Benzo(g,h,i)perylene	17.04	276	20220	2.178	ng	97

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

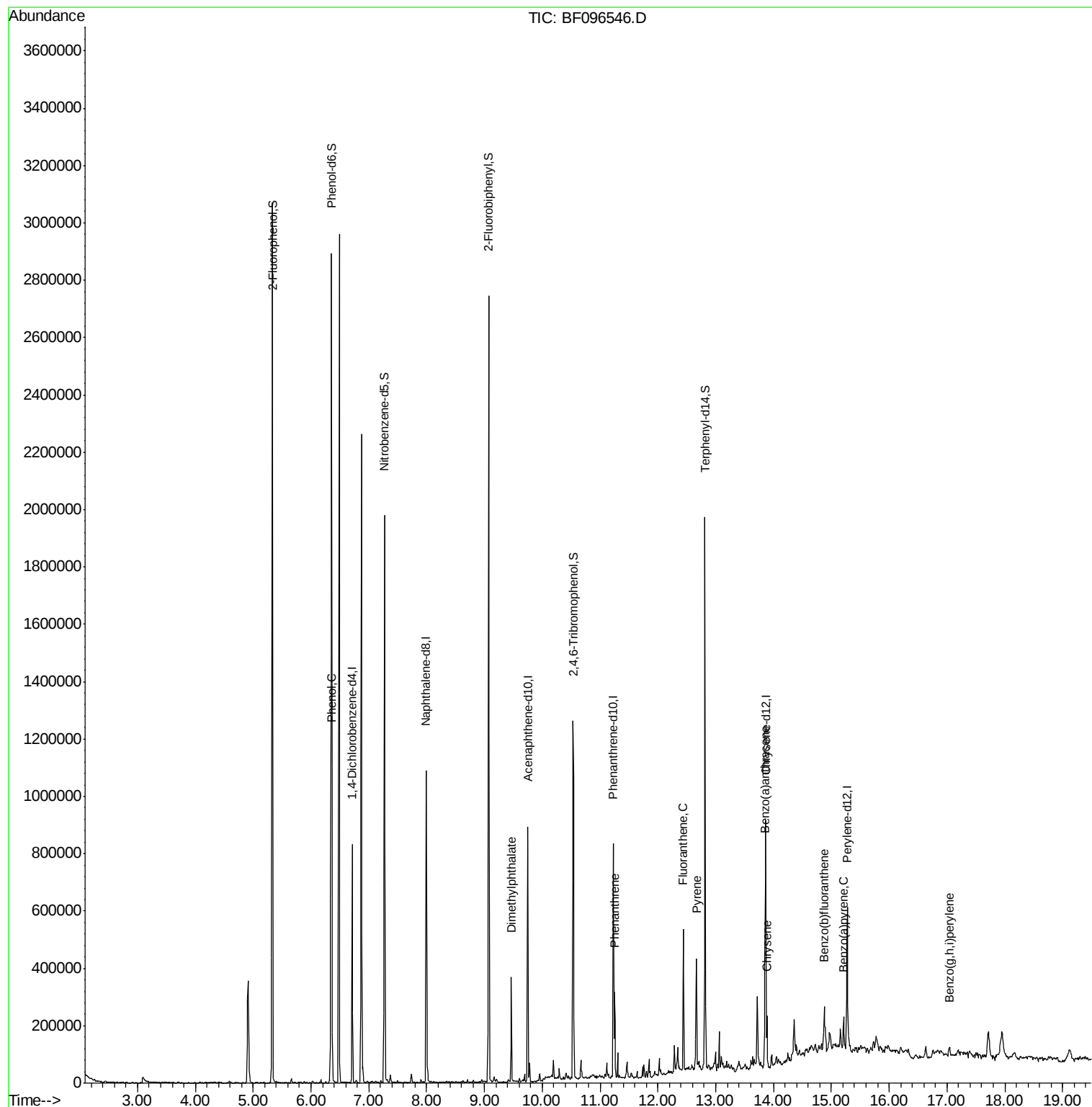
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070617\
Data File : BF096546.D
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Operator : SJ/MA
Sample : I3972-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

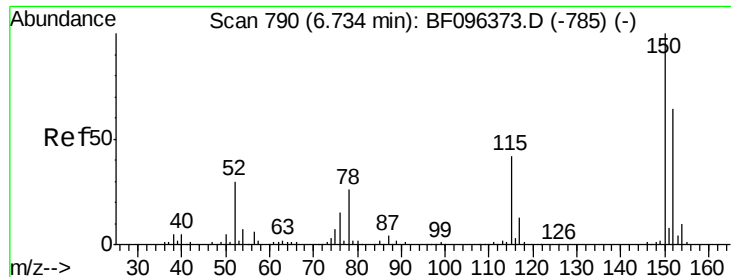
Instrument :
BNA_F
ClientSampleId :
B4B-23-23.5

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Quant Time: Jul 07 09:30:37 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

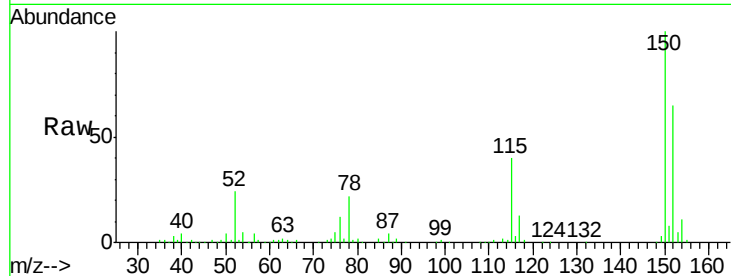
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :
B4B-23-23.5

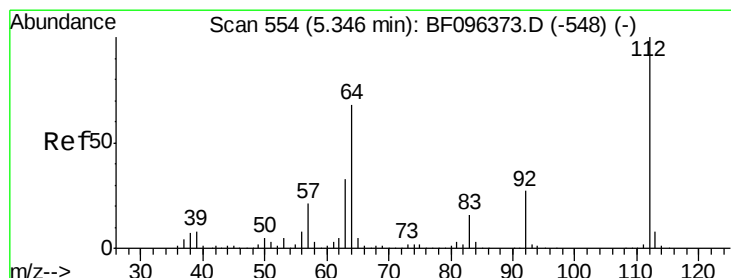
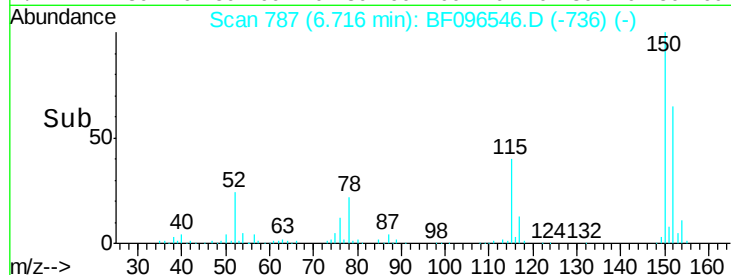
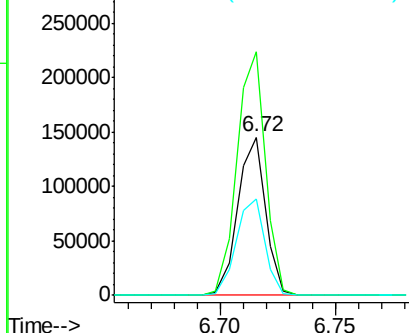
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	61.0	52.2	78.2

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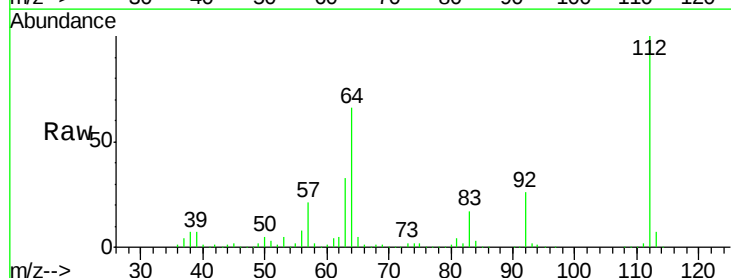
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



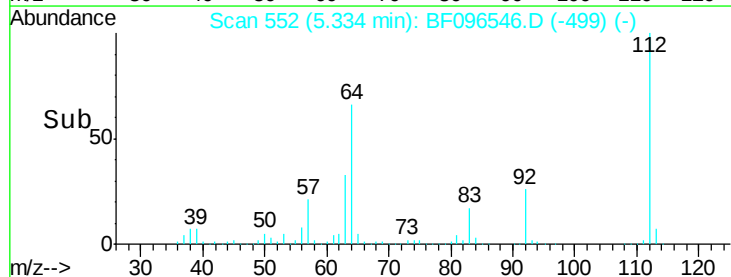
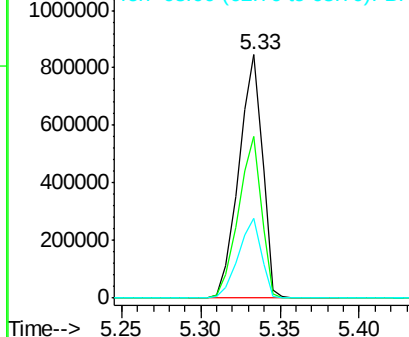
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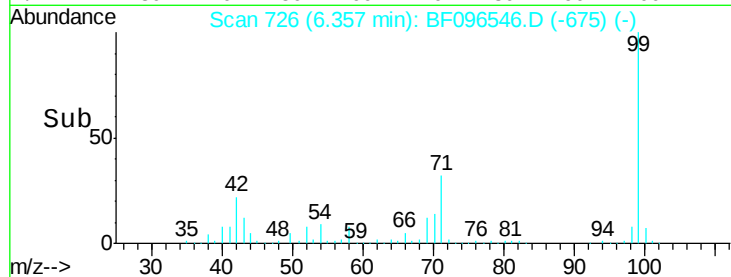
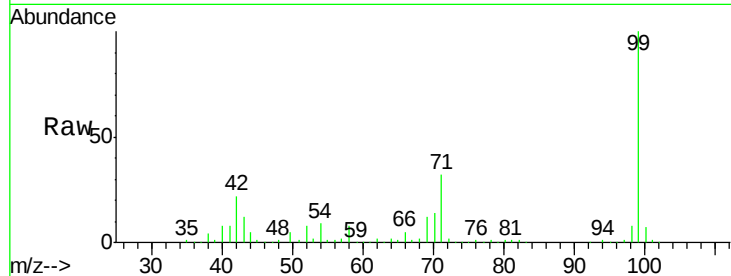
2-Fluorophenol
Concen: 105.303 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.0	69.0
63	32.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.940 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096546.D

Acq: 6 Jul 2017 21:10

Tgt Ion:	99	Resp:	1034367
Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	31.5	24.5	36.7

Instrument :

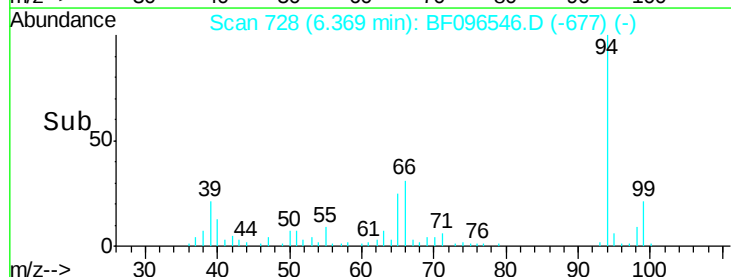
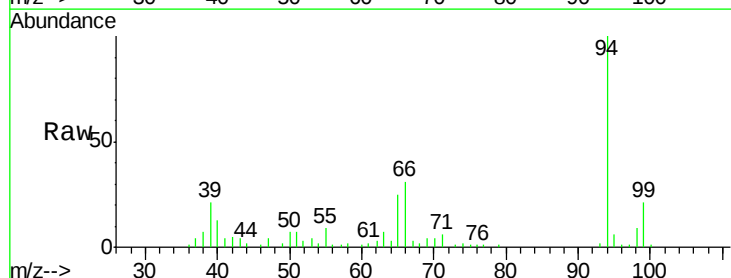
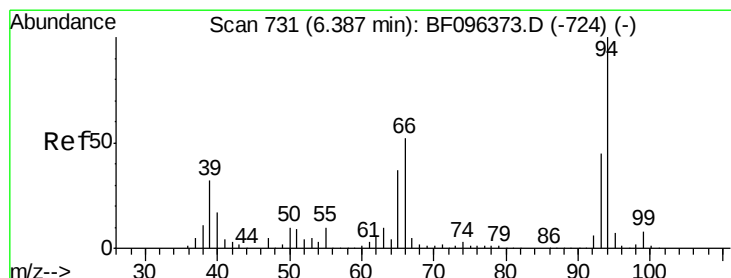
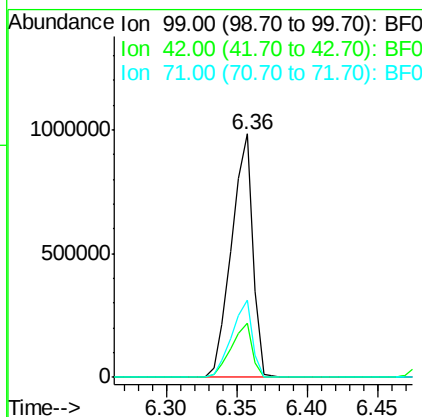
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ClientSampleId :

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#10

Phenol

Concen: 3.408 ng

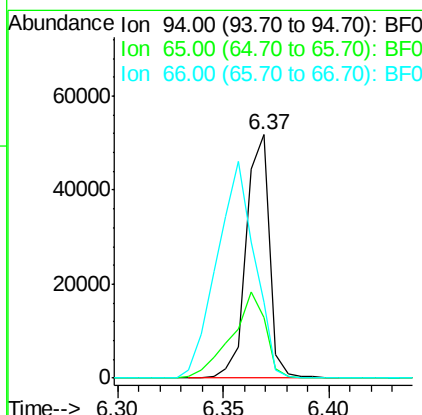
RT: 6.37 min Scan# 728

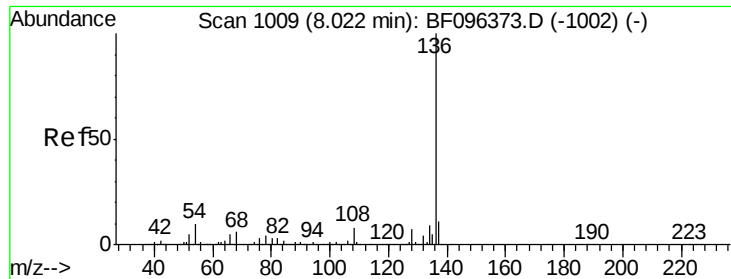
Delta R.T. -0.00 min

Lab File: BF096546.D

Acq: 6 Jul 2017 21:10

Tgt Ion:	94	Resp:	39391
Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	31.1	23.1	63.1





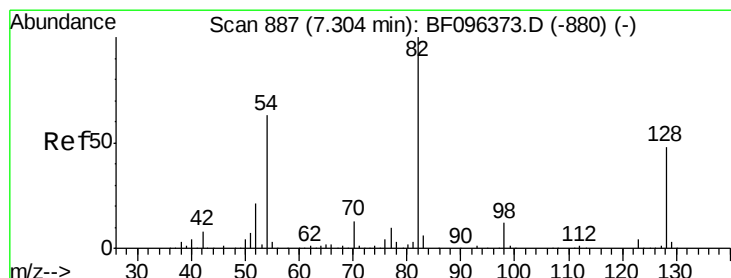
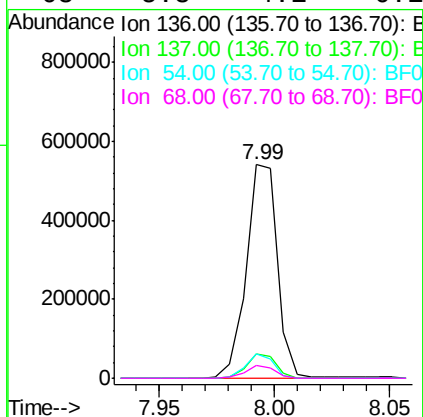
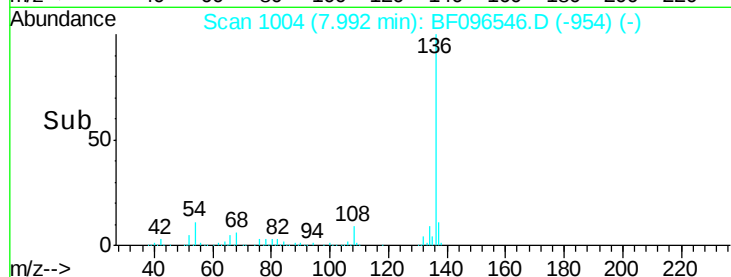
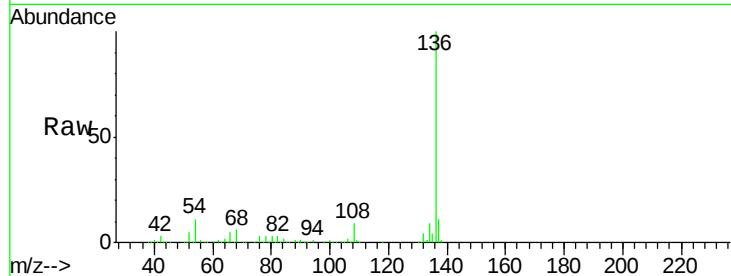
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :
B4B-23-23.5

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		510737		
137	11.2	8.5	12.7		
54	11.2	4.9	7.3#		
68	5.8	4.1	6.1		

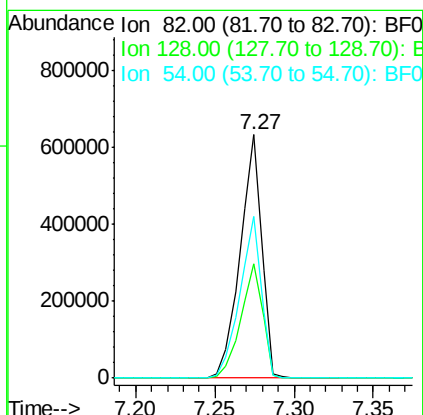
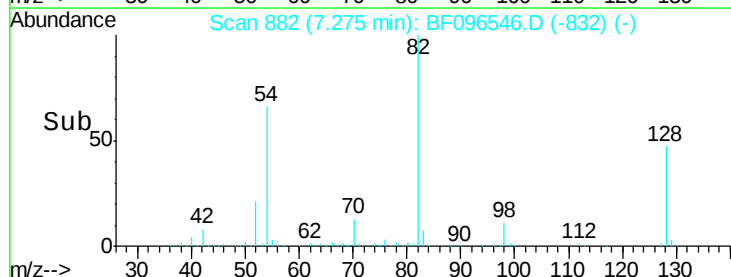
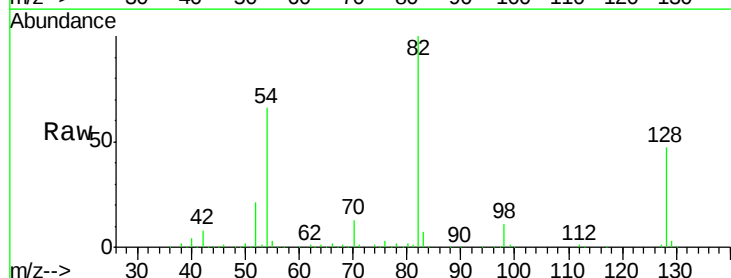
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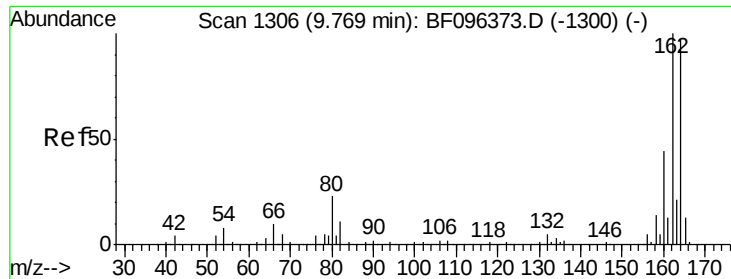
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#23
Nitrobenzene-d5
Concen: 70.137 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		596126		
128	47.2	34.0	51.0		
54	66.4	42.2	63.2#		





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF096546.D

Acq: 6 Jul 2017 21:10

Instrument :

BNA_F

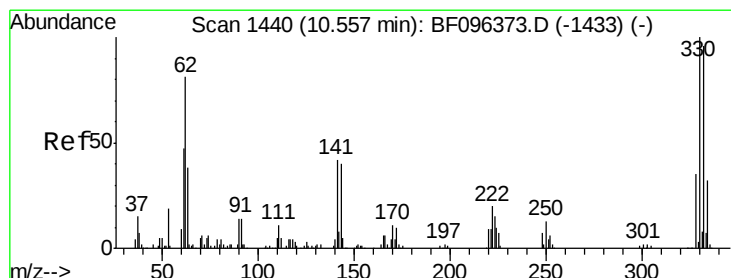
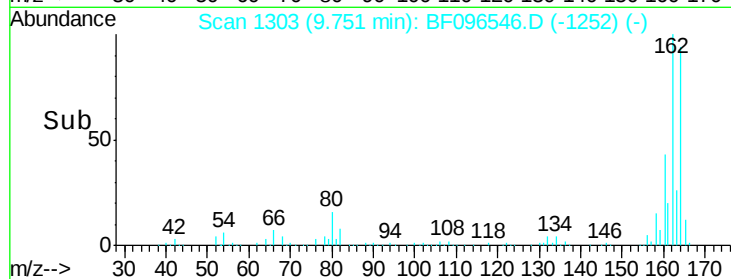
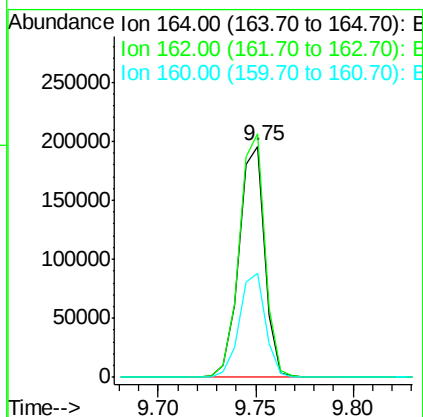
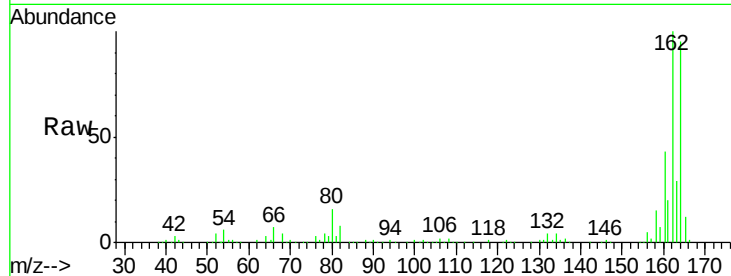
ClientSampleId :

B4B-23-23.5

Tgt Ion:	164	Resp:	178453
Ion Ratio	Lower	Upper	
164	100		
162	105.4	82.6	123.8
160	45.3	36.2	54.2

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#41

2,4,6-Tribromophenol

Concen: 102.540 ng

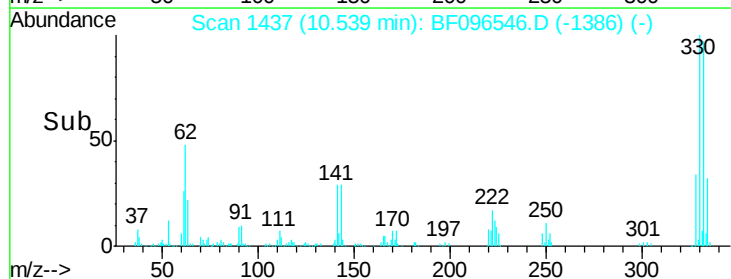
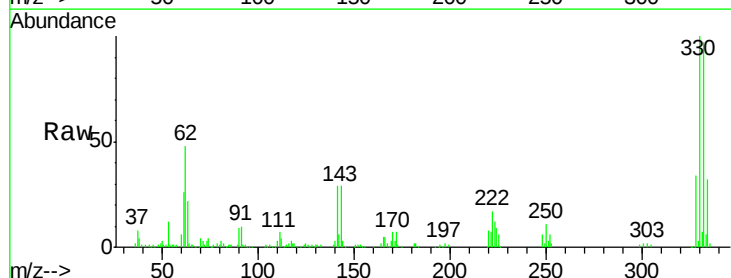
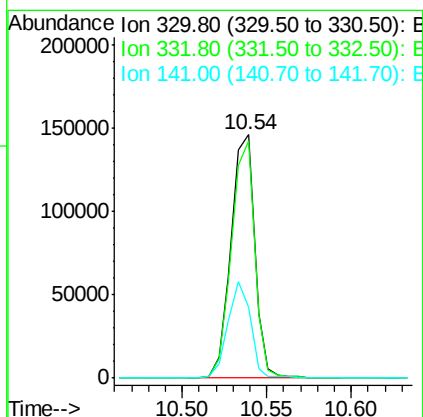
RT: 10.54 min Scan# 1437

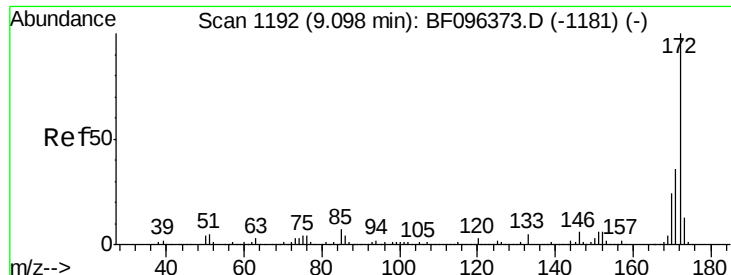
Delta R.T. -0.00 min

Lab File: BF096546.D

Acq: 6 Jul 2017 21:10

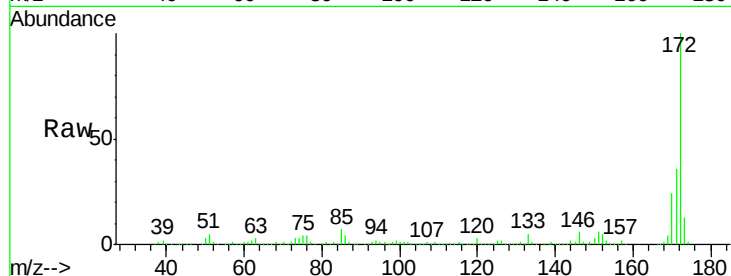
Tgt Ion:	330	Resp:	142934
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.6	115.0
141	38.1	31.4	47.2





#44
2-Fluorobiphenyl
Concen: 80.570 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

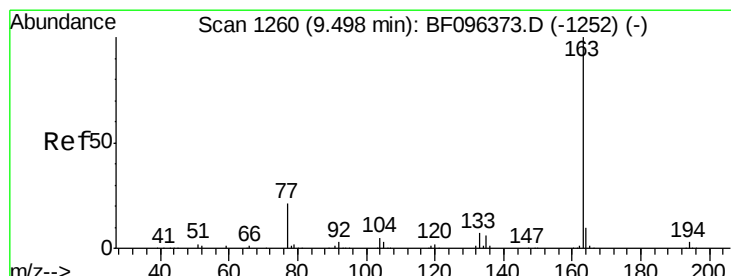
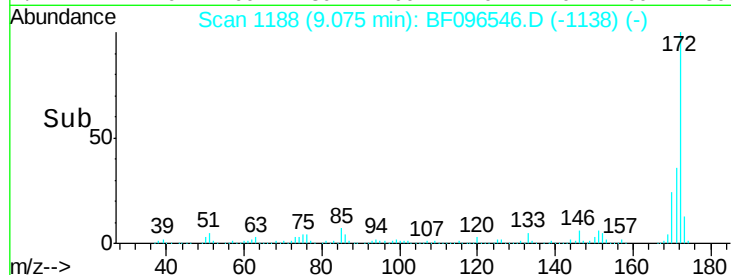
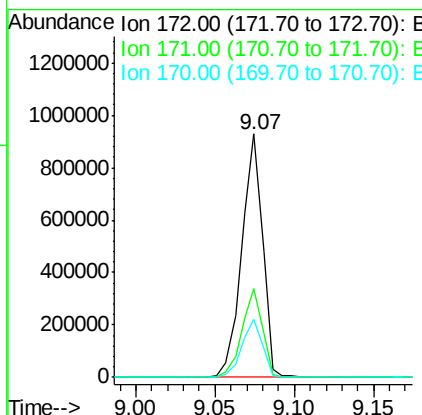
Instrument :
BNA_F
ClientSampleId :
B4B-23-23.5



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	840929		
171	36.4		29.6	44.4
170	24.1		19.8	29.8

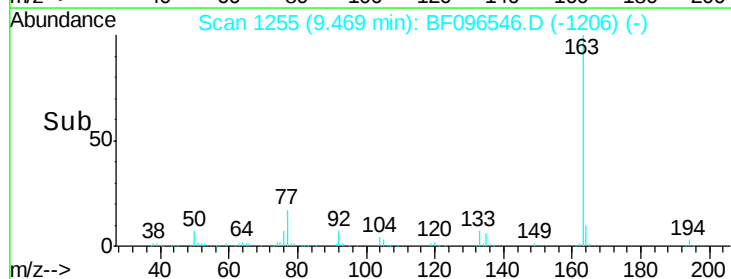
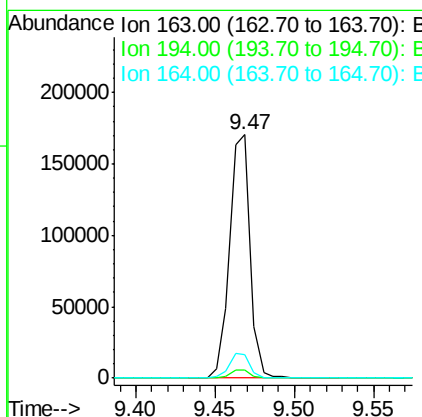
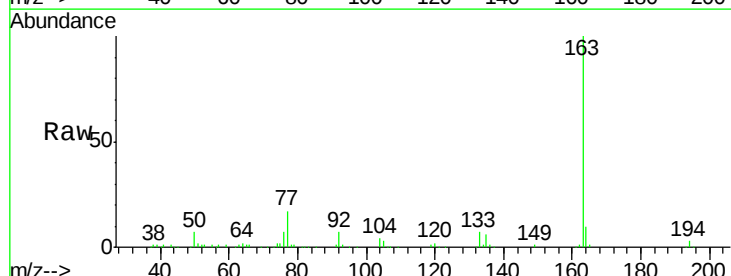
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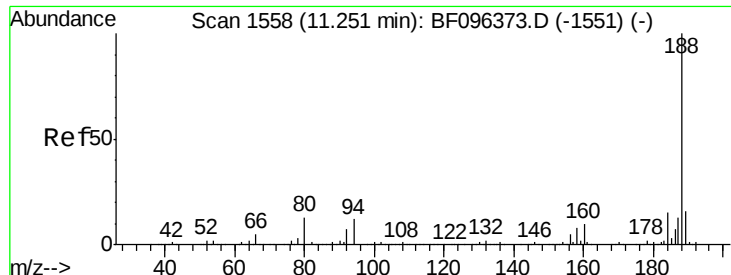
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#49
Dimethylphthalate
Concen: 11.474 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	152847		
194	3.5		2.6	4.0
164	9.5		8.4	12.6





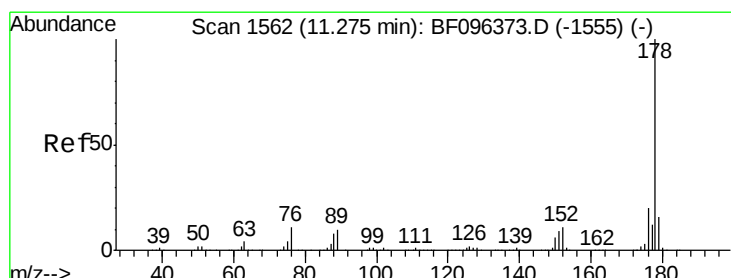
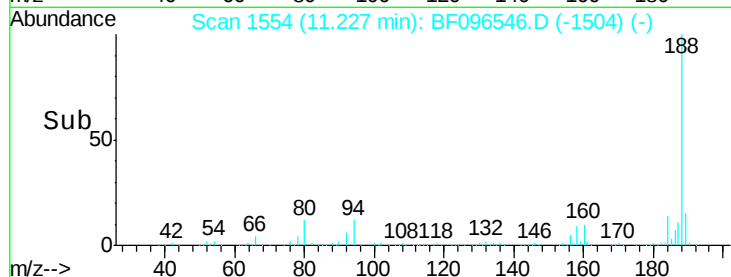
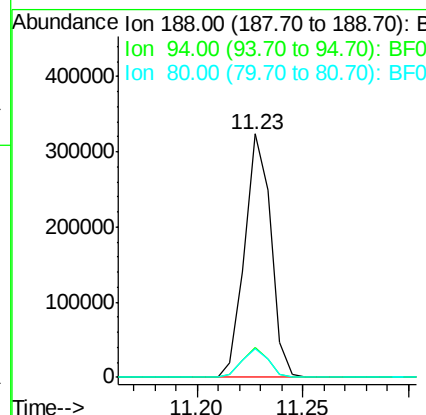
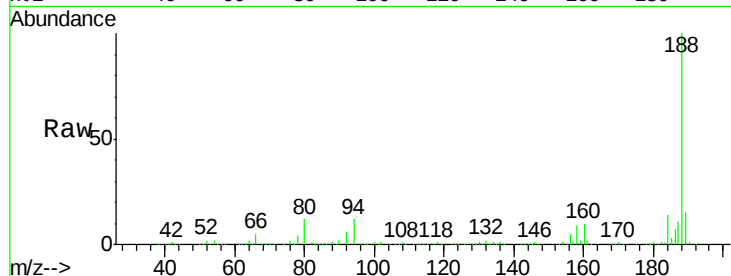
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :
B4B-23-23.5

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	277796		
94	12.1		9.4	14.2
80	11.9		10.2	15.2

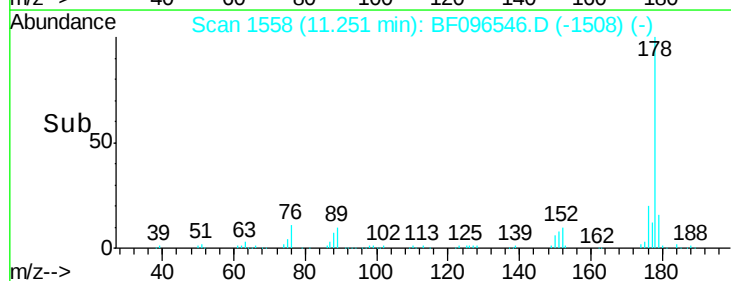
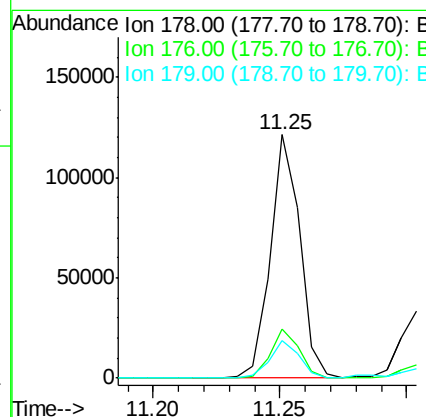
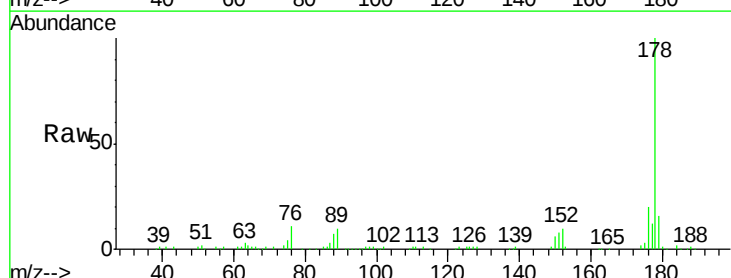
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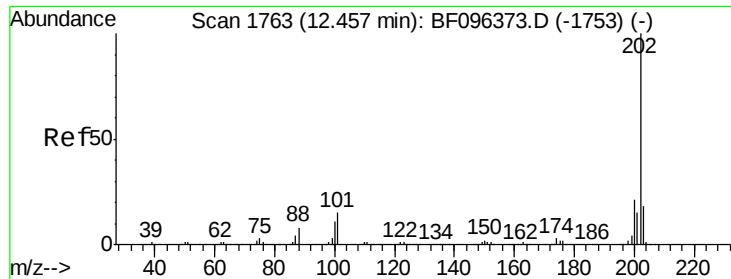
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#70
Phenanthrene
Concen: 6.609 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	99249		
176	20.0		16.2	24.4
179	15.5		12.6	19.0





#74

Fluoranthene

Concen: 11.770 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BF096546.D

Acq: 6 Jul 2017 21:10

Instrument :

BNA_F

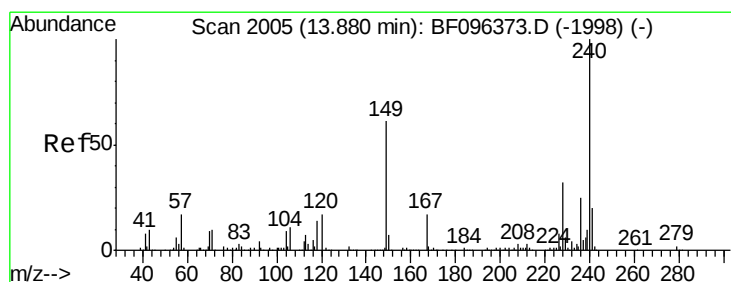
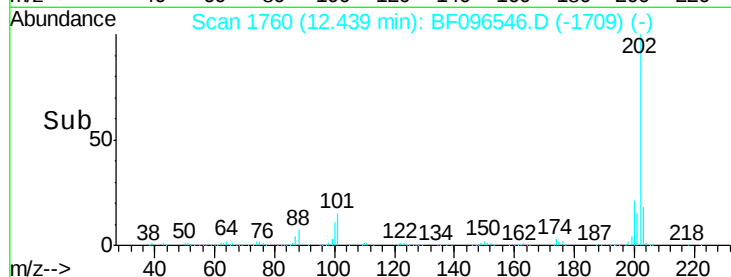
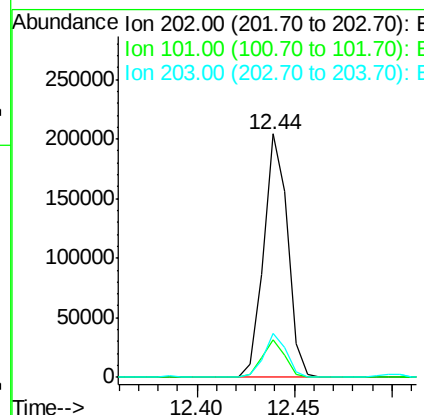
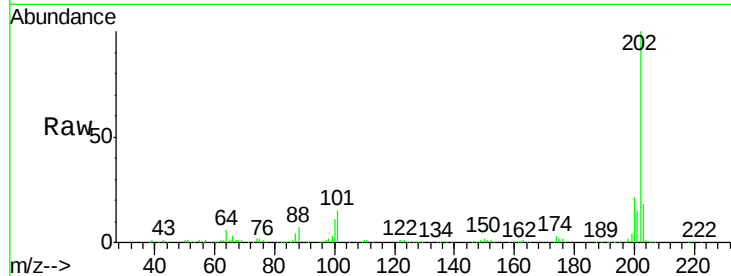
ClientSampled :

B4B-23-23.5

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		173298		
101	15.3	0.0	33.2		
203	18.2	0.0	38.1		

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#75

Chrysene-d12

Concen: 20.000 ng

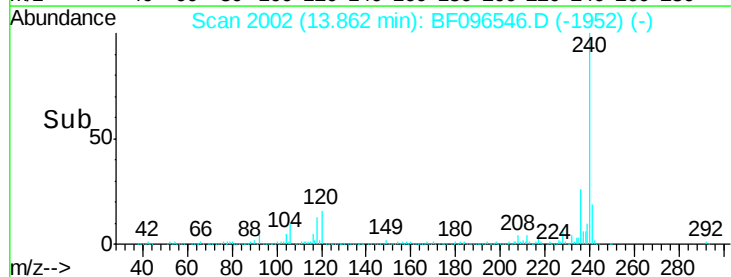
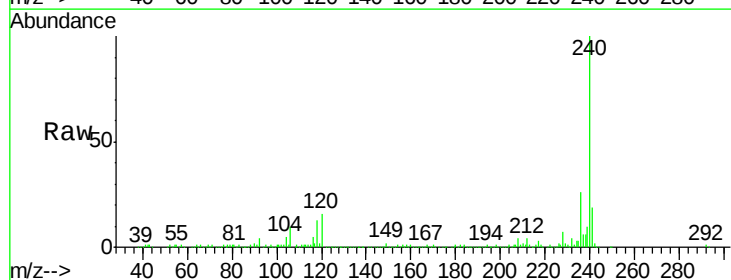
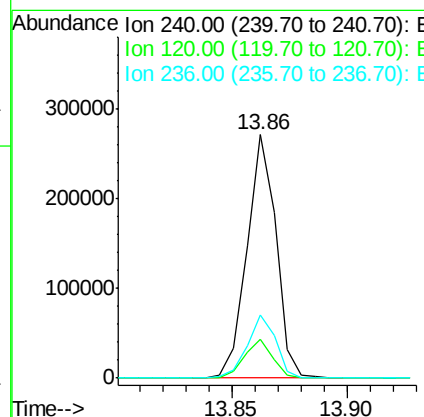
RT: 13.86 min Scan# 2002

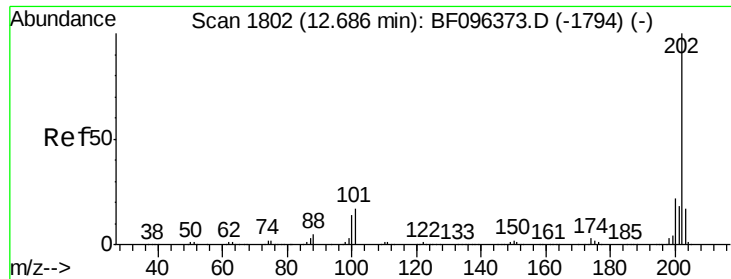
Delta R.T. -0.01 min

Lab File: BF096546.D

Acq: 6 Jul 2017 21:10

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		239778		
120	15.9	5.8	8.8#		
236	25.7	20.5	30.7		





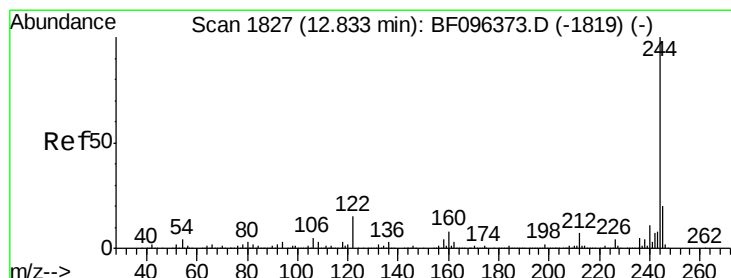
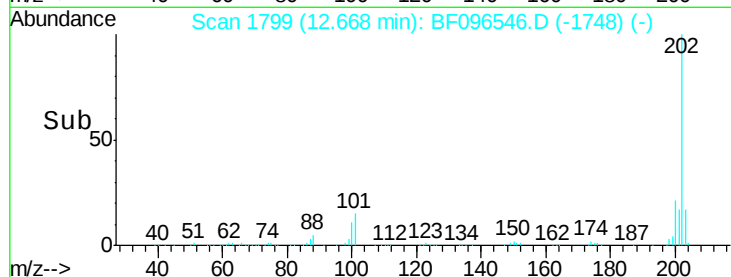
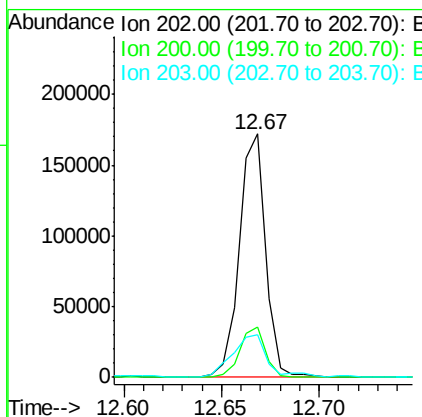
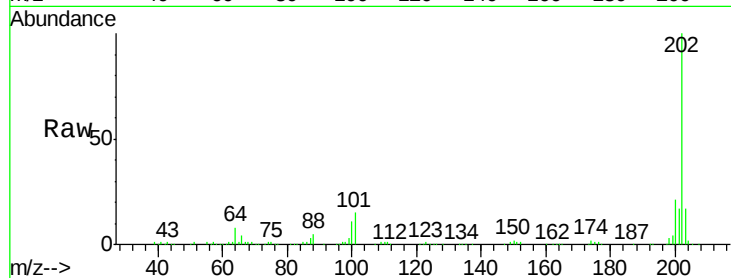
#77
 Pyrene
 Concen: 8.360 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.00 min
 Lab File: BF096546.D
 Acq: 6 Jul 2017 21:10

Instrument :
 BNA_F
 ClientSampleId :
 B4B-23-23.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	17.6	26.4
203	17.4	14.4	21.6

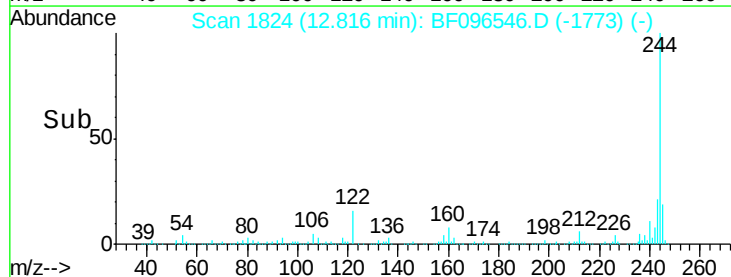
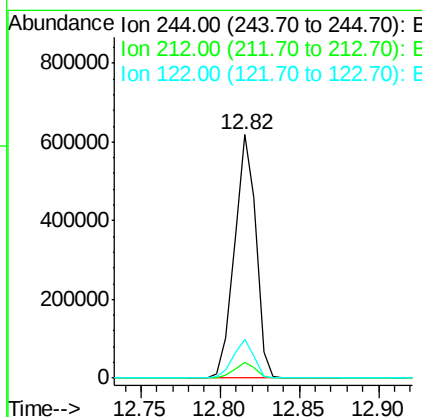
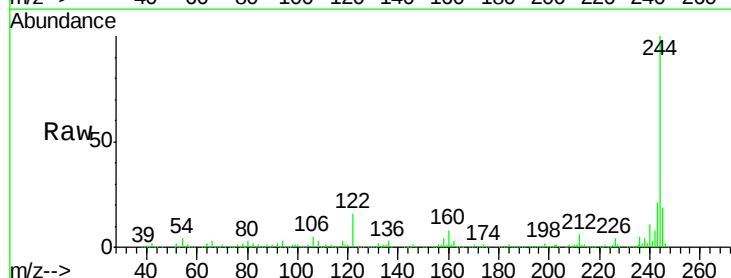
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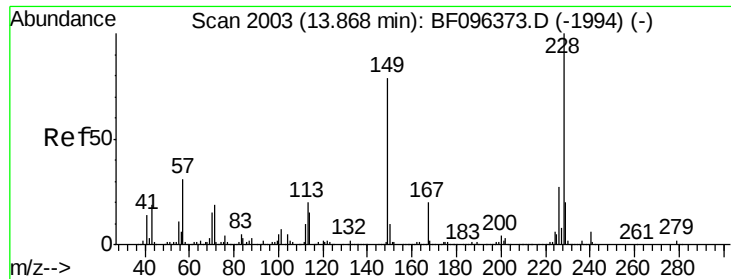
mohammad
 7/7/2017 1:30:26 PM



#78
 Terphenyl-d14
 Concen: 51.472 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096546.D
 Acq: 6 Jul 2017 21:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.4	6.0	9.0
122	15.9	10.3	15.5





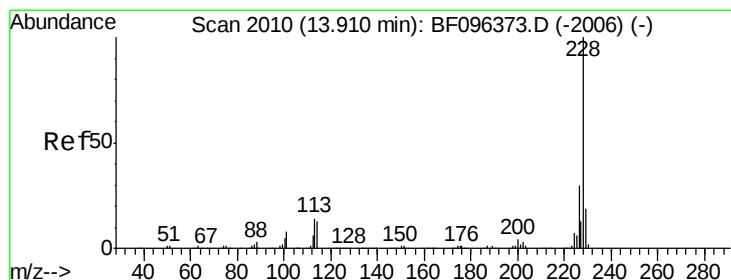
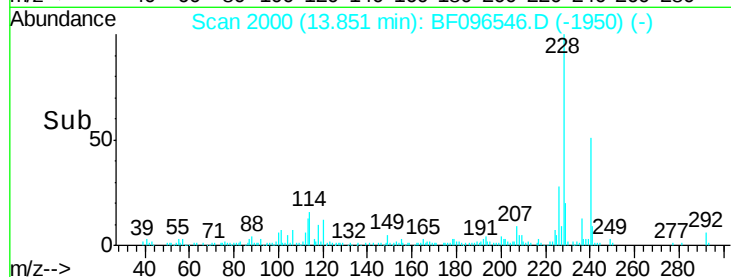
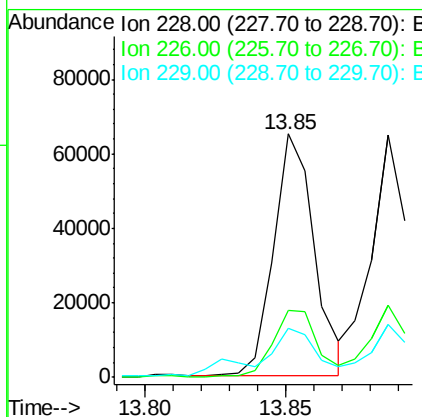
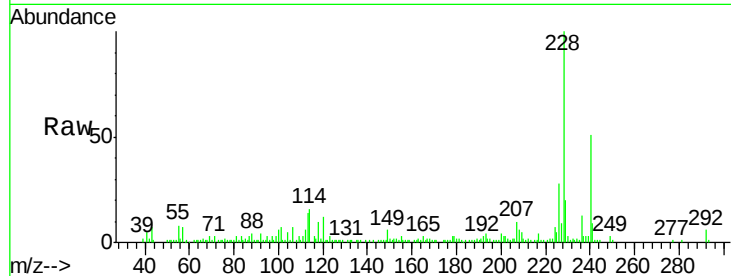
#80
Benzo(a)anthracene
Concen: 4.694 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :
B4B-23-23.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	16.3	24.5

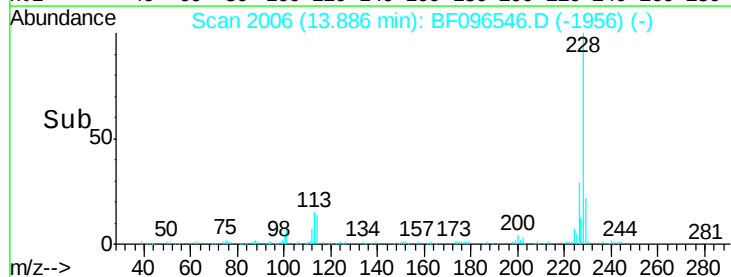
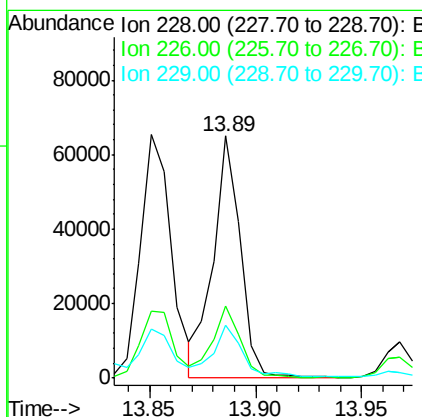
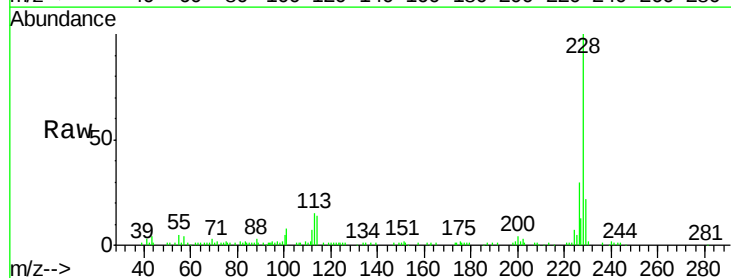
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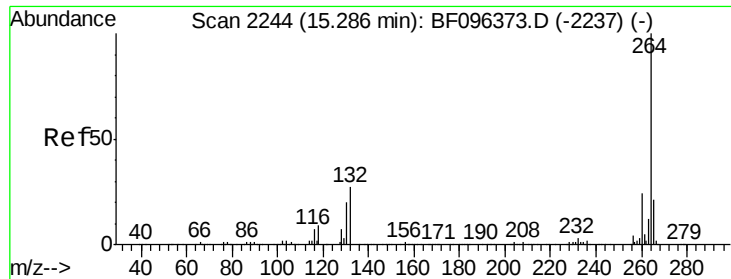
mohammad
7/7/2017 1:30:26 PM



#82
Chrysene
Concen: 4.051 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	22.1	15.8	23.6





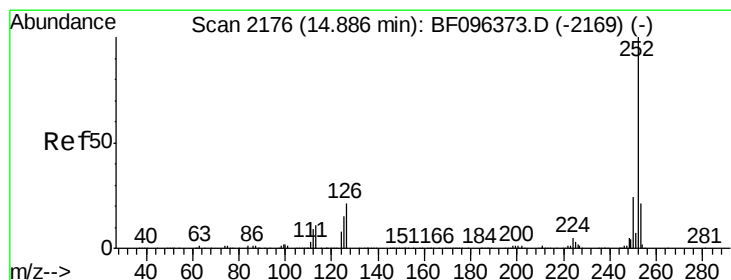
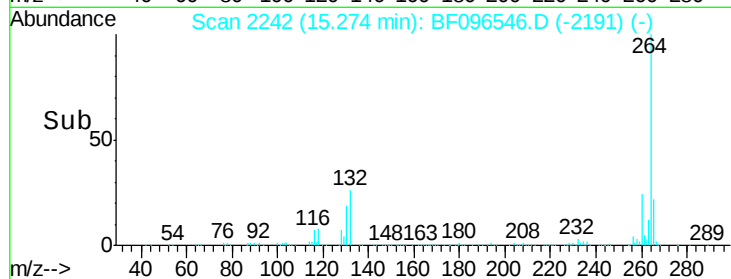
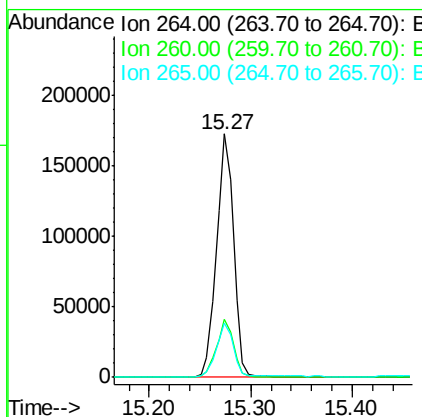
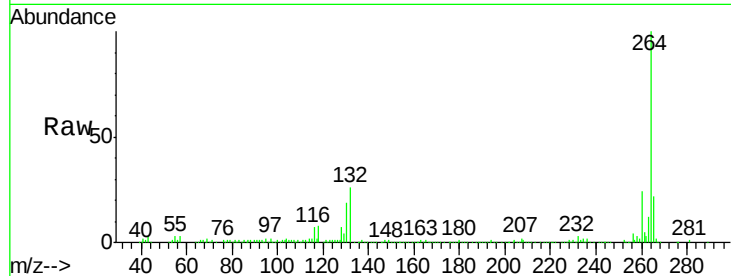
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :
B4B-23-23.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.1	17.2	25.8

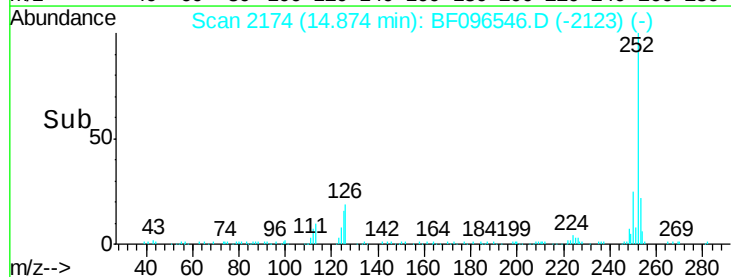
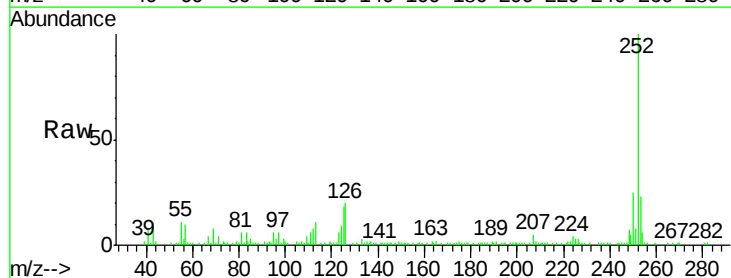
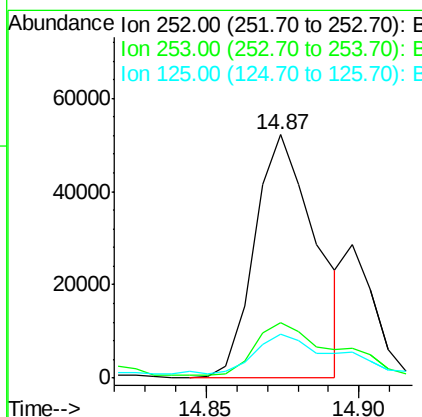
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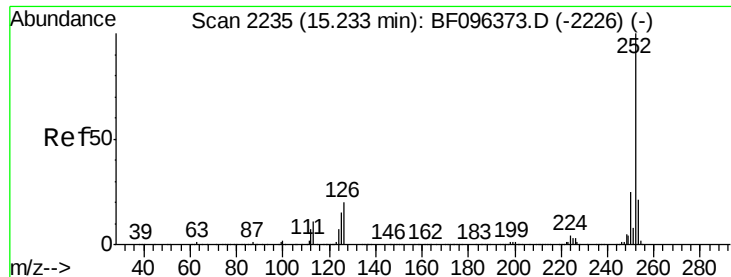
mohammad
7/7/2017 1:30:26 PM



#87
Benzo(b)fluoranthene
Concen: 5.665 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	17.9	9.8	14.8#





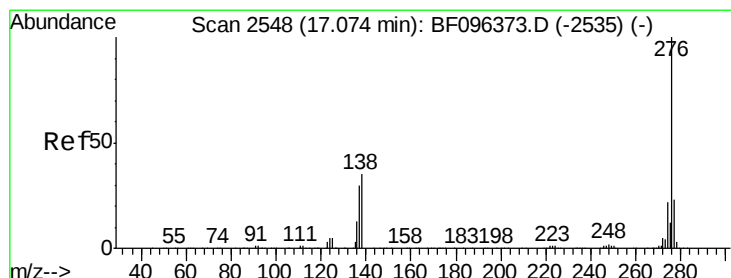
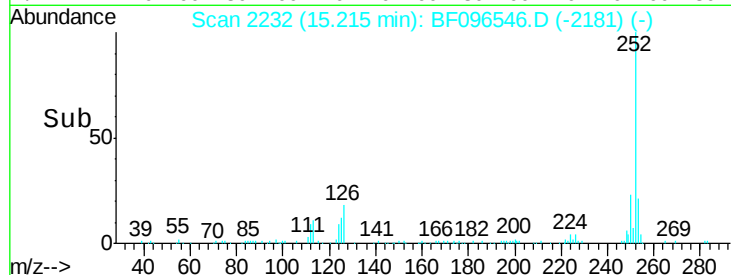
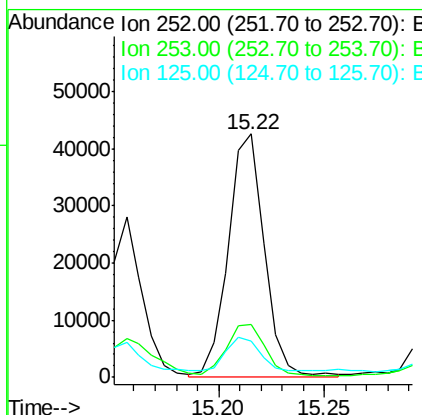
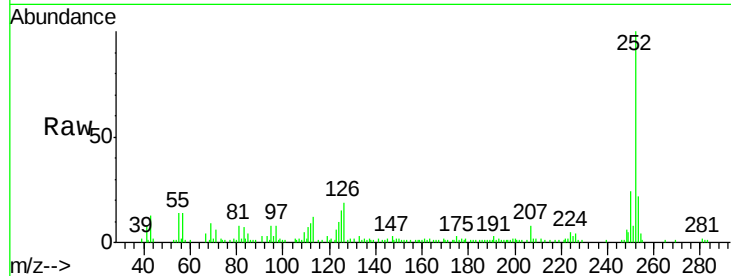
#89
Benzo(a)pyrene
Concen: 4.427 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Instrument :
BNA_F
ClientSampleId :
B4B-23-23.5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.8	11.0	16.4

Manual Integrations
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7/7/2017 1:30:26 PM



#91
Benzo(g,h,i)perylene
Concen: 2.178 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF096546.D
Acq: 6 Jul 2017 21:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	28.0
138	30.6	25.4	38.0

