

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096852.D
 Acq On : 18 Jul 2017 17:42
 Operator : SJ/JU
 Sample : I4245-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-C

Manual Integrations
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mohammad
 7/19/2017 2:31:25 PM

Quant Time: Jul 19 02:00:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	113171	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	502870	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	196404	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	295940	20.00	ng	0.00
75) Chrysene-d12	13.73	240	193166	20.00	ng	0.00
86) Perylene-d12	15.10	264	172550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	750293	99.68	ng	0.01
7) Phenol-d6	6.25	99	907358	100.46	ng	0.00
23) Nitrobenzene-d5	7.16	82	536378	66.07	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	158278	94.41	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	842246	67.75	ng	0.00
78) Terphenyl-d14	12.69	244	451270	40.52	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.26	94	22586	2.212	ng	93
49) Dimethylphthalate	9.35	163	341079	23.064	ng	100
70) Phenanthrene	11.12	178	96803	6.016	ng	98
73) Di-n-butylphthalate	11.67	149	51703	2.635	ng	98
74) Fluoranthene	12.30	202	112556	7.308	ng	99
77) Pyrene	12.53	202	98642	5.627	ng	97
80) Benzo(a)anthracene	13.72	228	48199	4.005	ng	97
82) Chrysene	13.75	228	41426	3.496	ng	96
85) Indeno(1,2,3-cd)pyrene	16.38	276	21238	5.191	ng	97
87) Benzo(b)fluoranthene	14.72	252	57832m	5.557	ng	
89) Benzo(a)pyrene	15.04	252	37328	3.911	ng	# 85

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

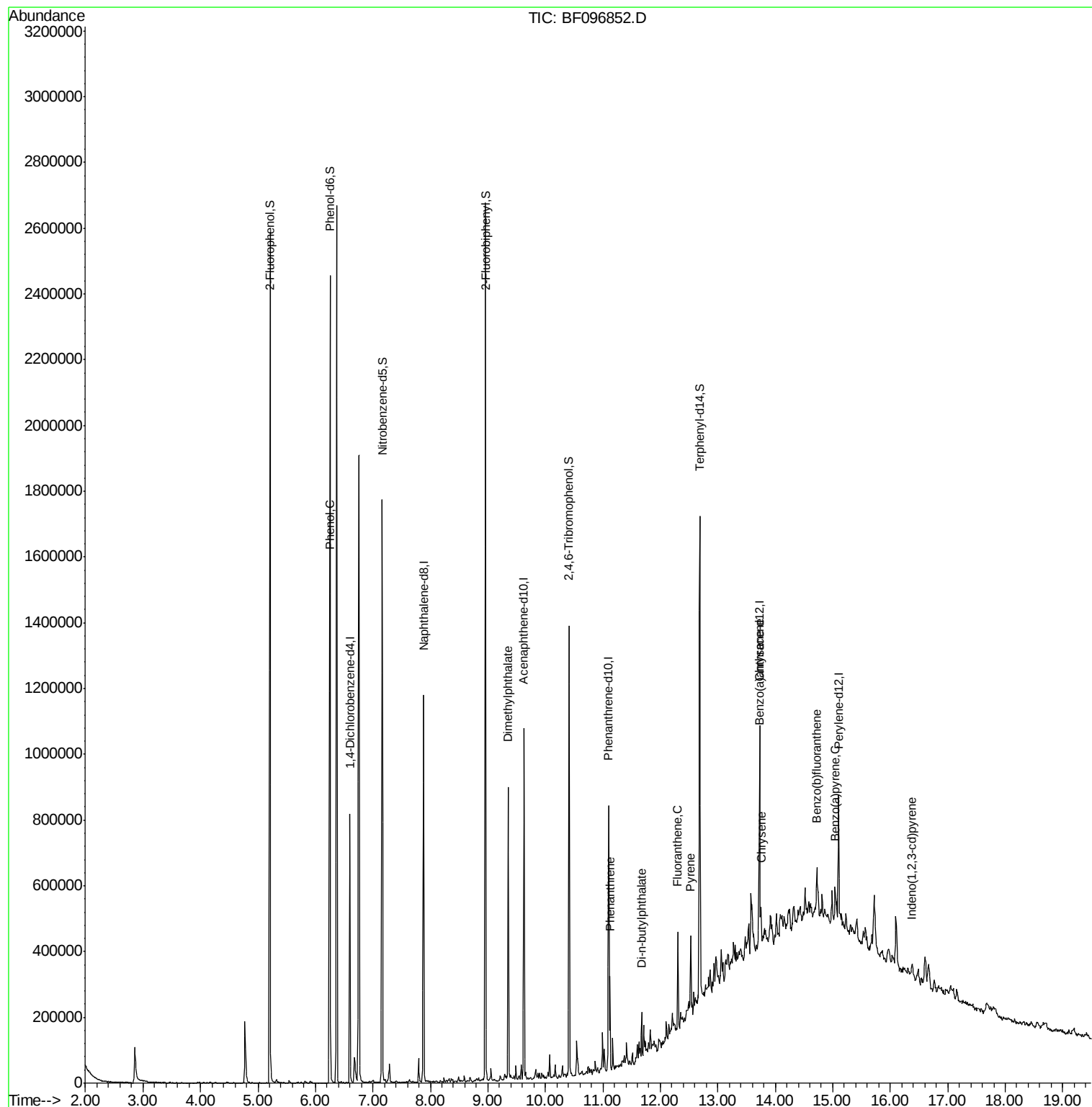
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
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Sample : I4245-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

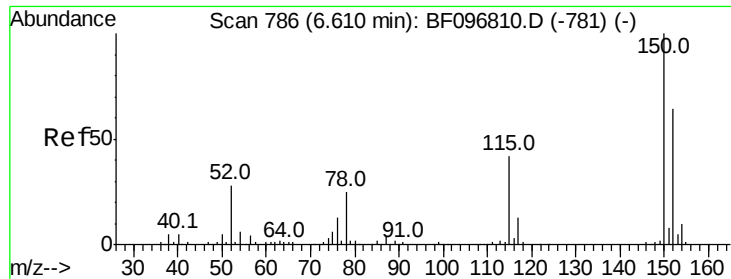
Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

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#1

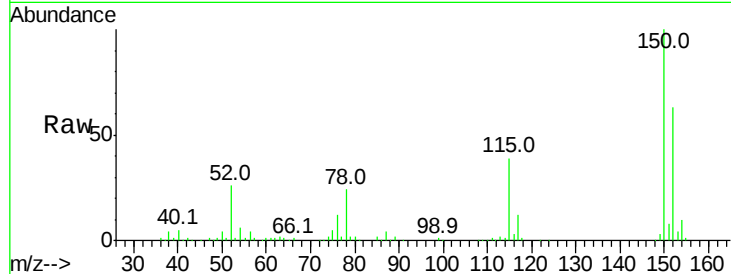
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	62.7	52.2	78.2

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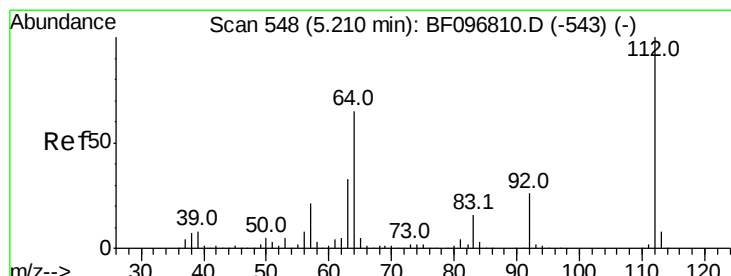
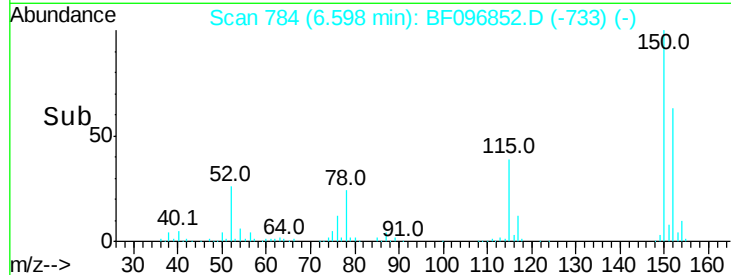
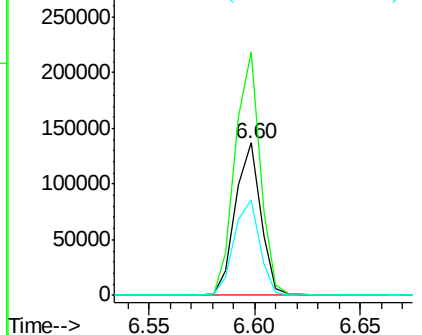


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

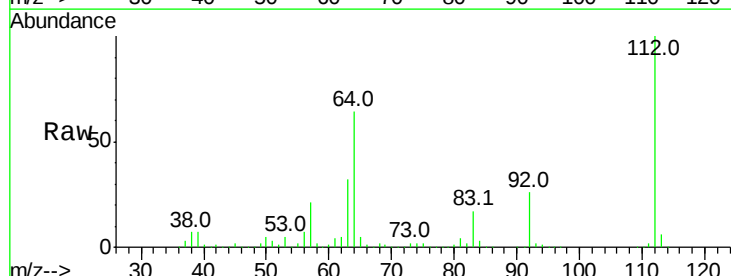
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 99.684 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	46.0	69.0
63	32.5	23.4	35.0

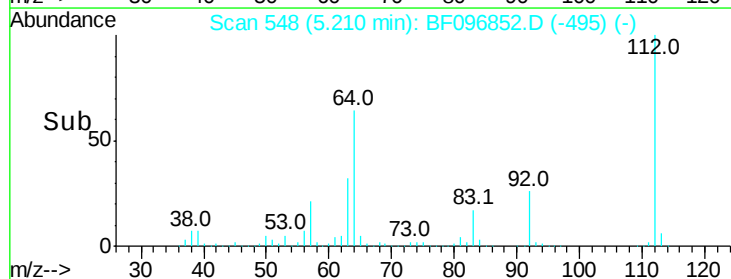
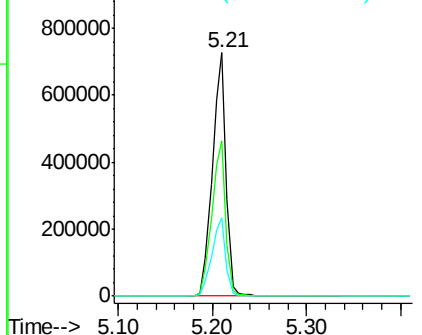


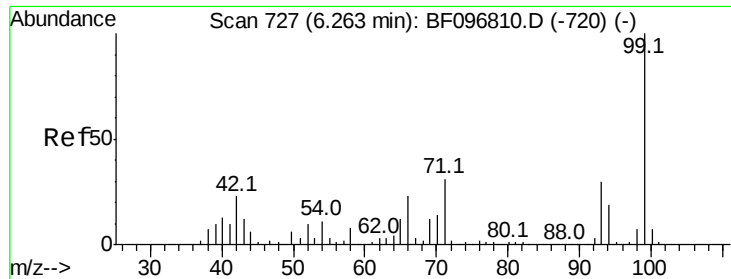
Abundance

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: 100.457 ng

RT: 6.25 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF096852.D

Acq: 18 Jul 2017 17:42

Instrument :

BNA_F

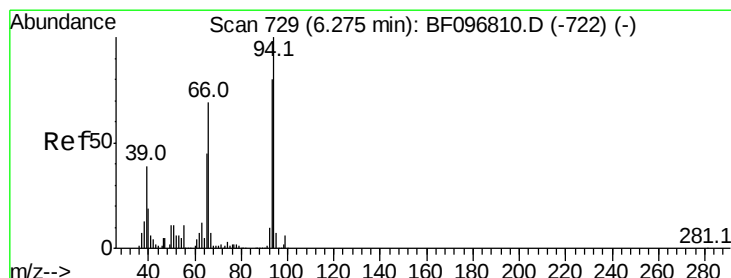
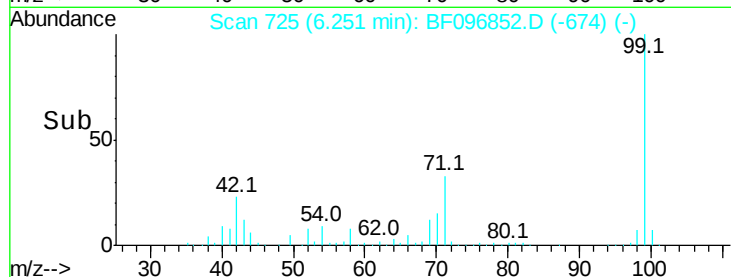
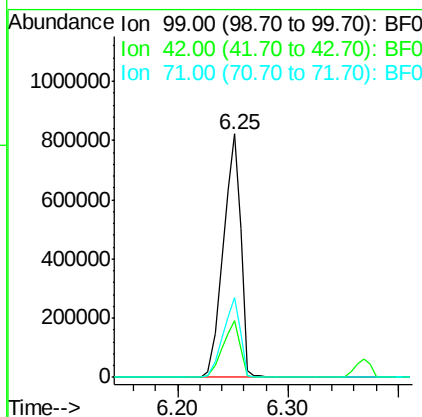
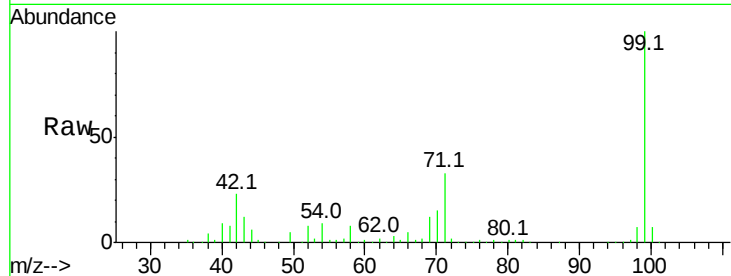
ClientSampleId :

PL-01-071717-C

Tot Ion:	99	Resp:	907358
Ion Ratio	Lower	Upper	
99	100		
42	23.1	13.5	20.3#
71	32.8	24.5	36.7

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#10

Phenol

Concen: 2.212 ng

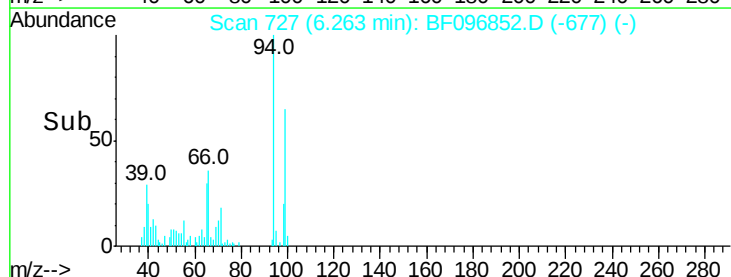
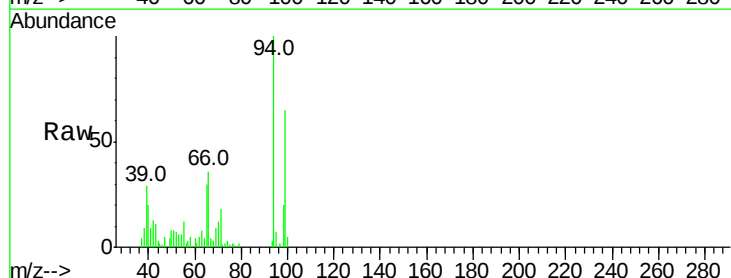
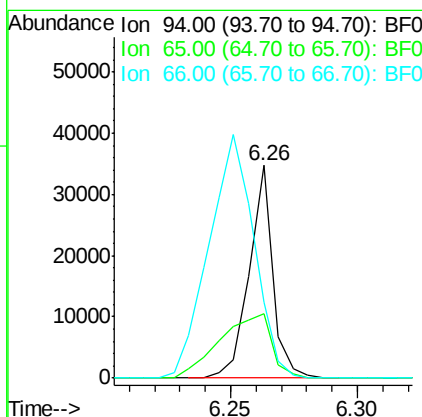
RT: 6.26 min Scan# 727

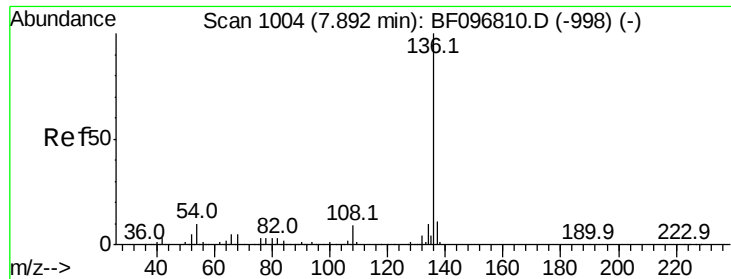
Delta R.T. -0.01 min

Lab File: BF096852.D

Acq: 18 Jul 2017 17:42

Tgt Ion:	94	Resp:	22586
Ion Ratio	Lower	Upper	
94	100		
65	30.1	9.9	49.9
66	35.6	23.1	63.1





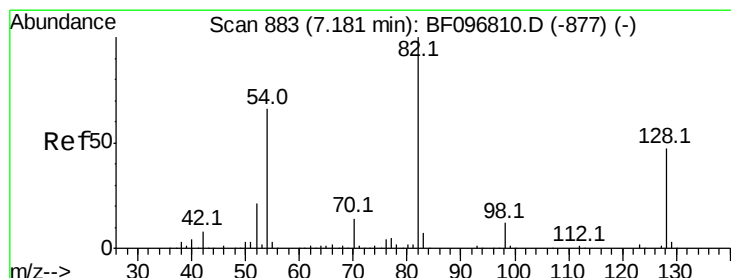
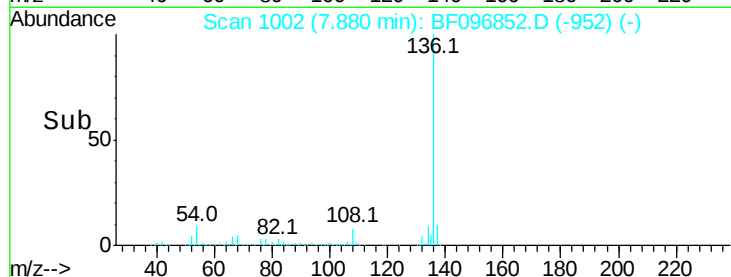
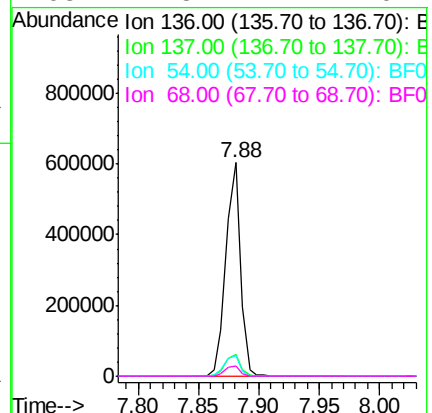
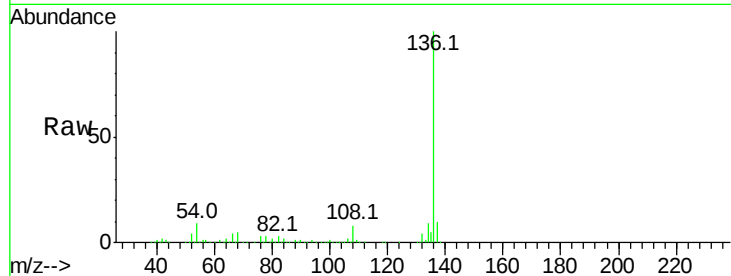
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tot Ion	Ratio	Resp	Lower	Upper
136	100	502870		
137	10.4		8.5	12.7
54	9.5		4.9	7.3#
68	4.8		4.1	6.1

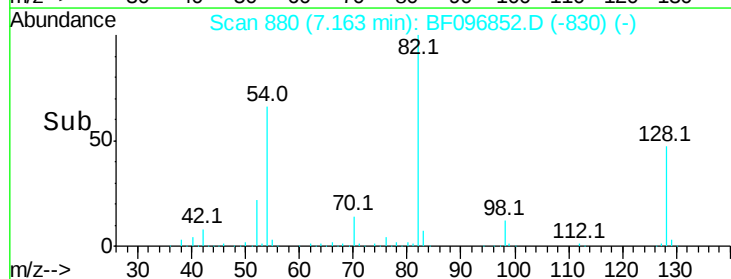
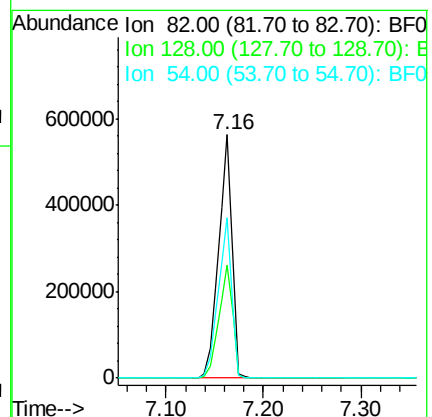
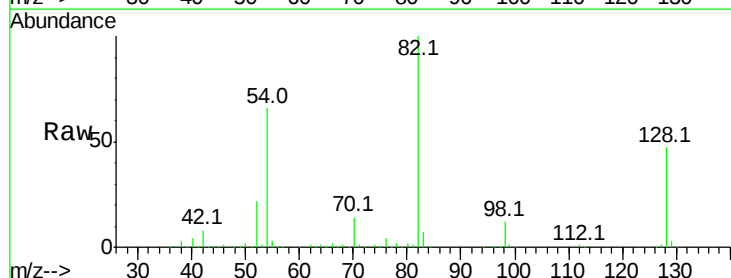
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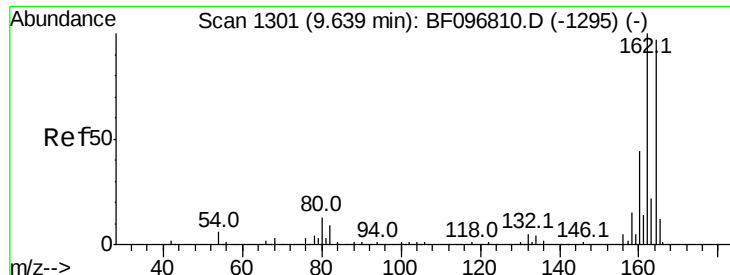
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#23
Nitrobenzene-d5
Concen: 66.068 ng
RT: 7.16 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	536378		
128	46.7		34.0	51.0
54	66.1		42.2	63.2#





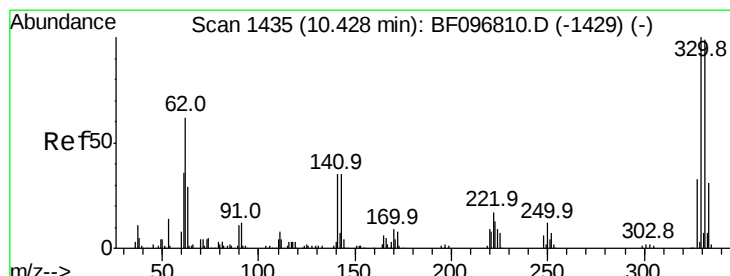
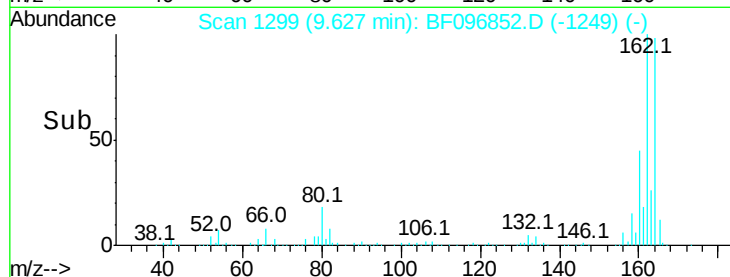
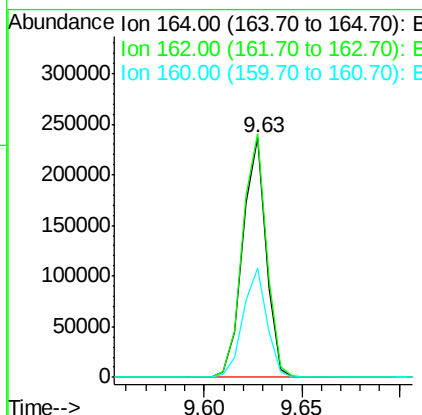
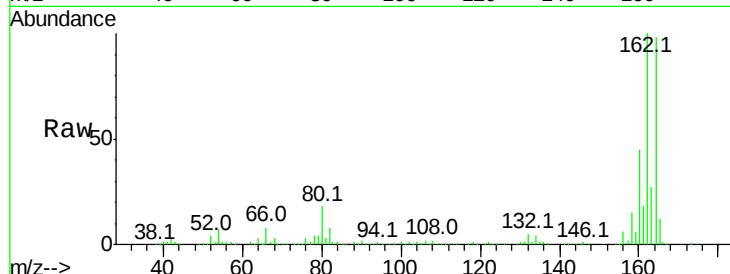
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tot Ion	Ratio	Resp	Lower	Upper
164	100	196404		
162	101.7	82.6	123.8	
160	45.5	36.2	54.2	

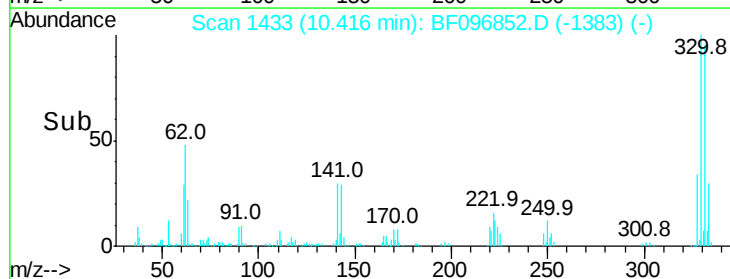
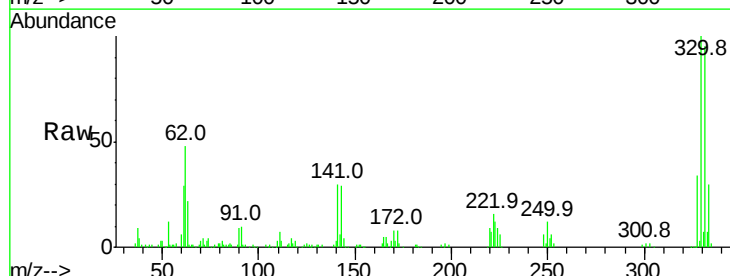
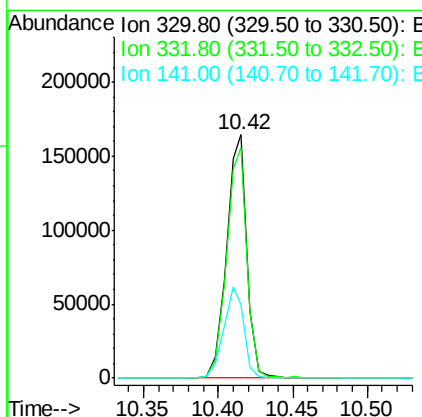
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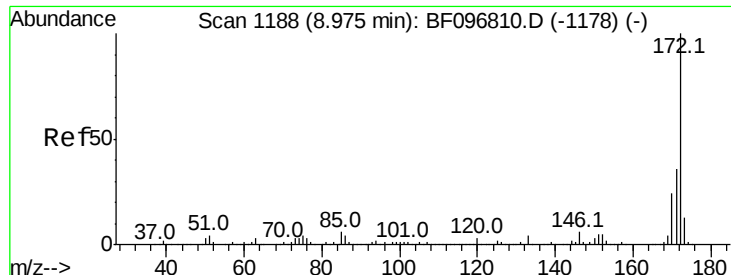
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#41
2,4,6-Tribromophenol
Concen: 94.411 ng
RT: 10.42 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	158278		
332	95.4	76.6	115.0	
141	37.2	31.4	47.2	





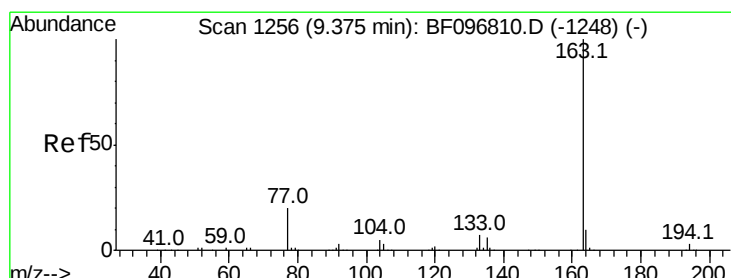
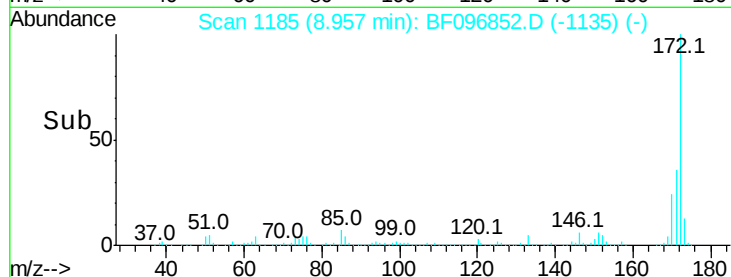
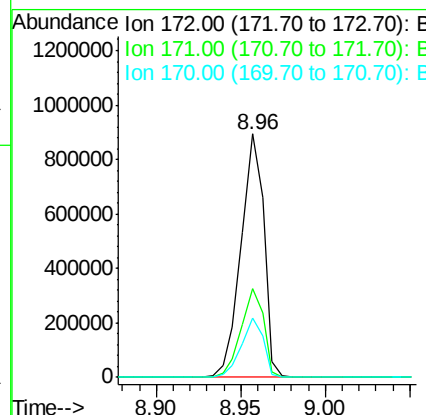
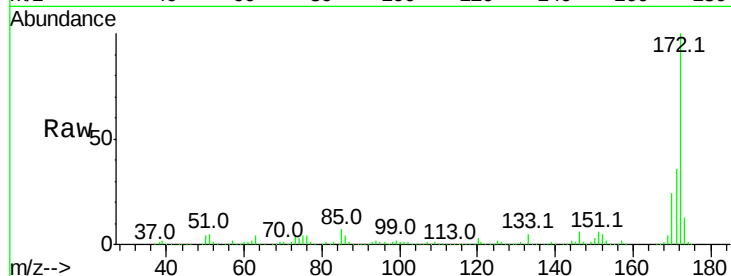
#44
2-Fluorobiphenyl
Concen: 67.752 ng
RT: 8.96 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tot Ion	Ratio	Resp	Lower	Upper
172	100	842246		
171	36.4		29.6	44.4
170	24.3		19.8	29.8

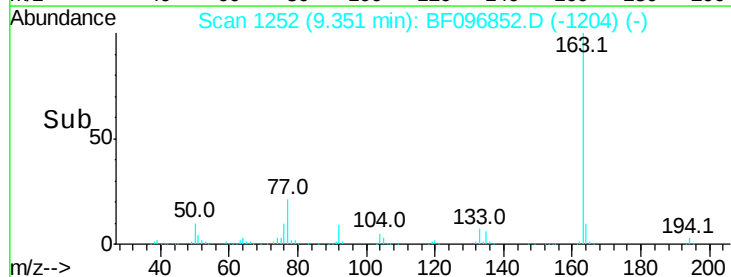
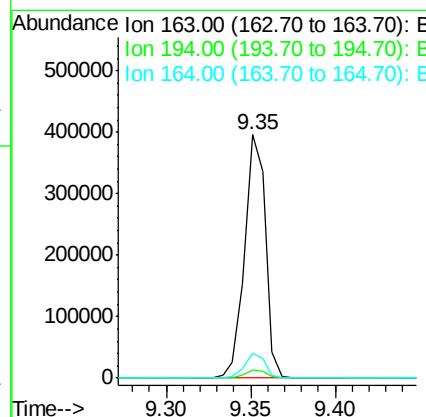
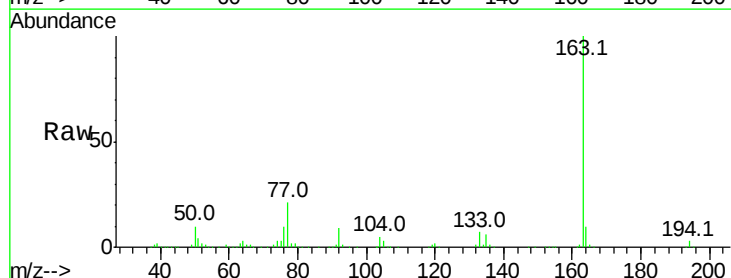
Manual Integrations
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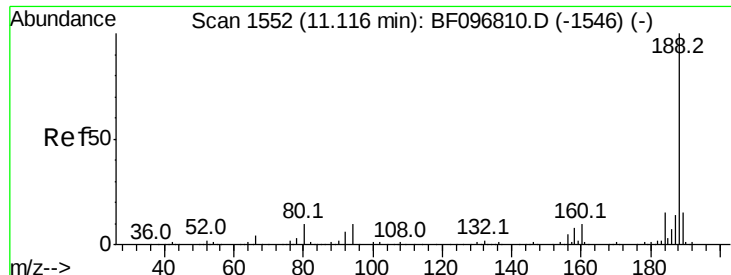
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#49
Dimethylphthalate
Concen: 23.064 ng
RT: 9.35 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	341079		
194	3.1		2.6	4.0
164	10.4		8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096852.D

Acq: 18 Jul 2017 17:42

Instrument :

BNA_F

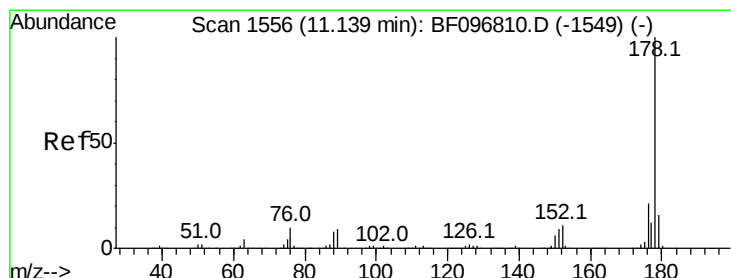
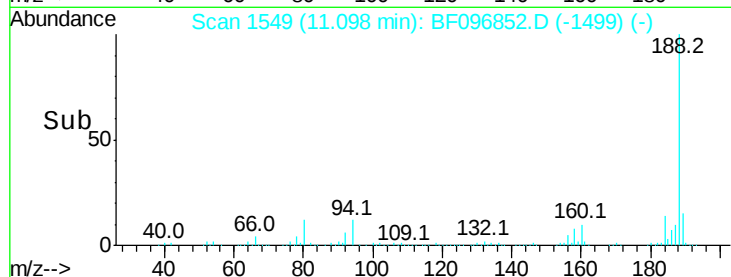
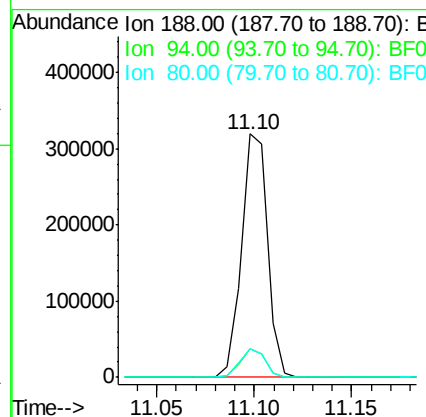
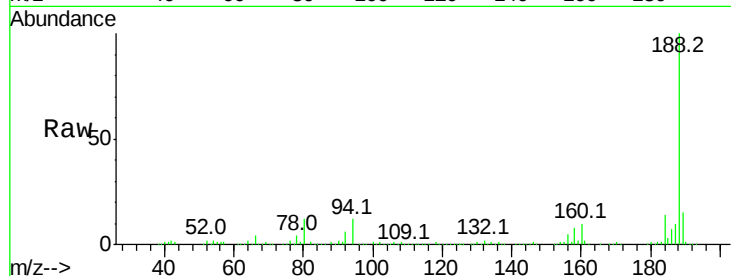
ClientSampleId :

PL-01-071717-C

Tot Ion:	188	Resp:	295940
Ion Ratio	Lower	Upper	
188	100		
94	11.5	9.4	14.2
80	11.6	10.2	15.2

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#70

Phenanthrene

Concen: 6.016 ng

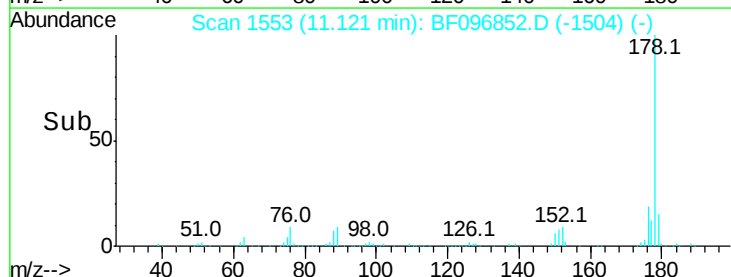
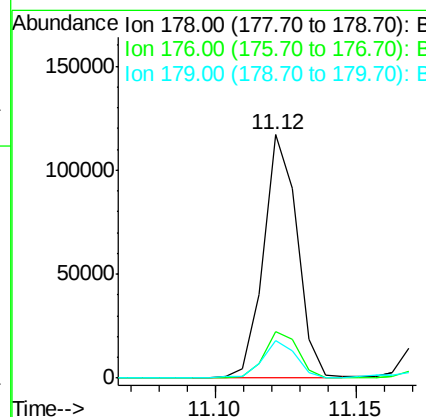
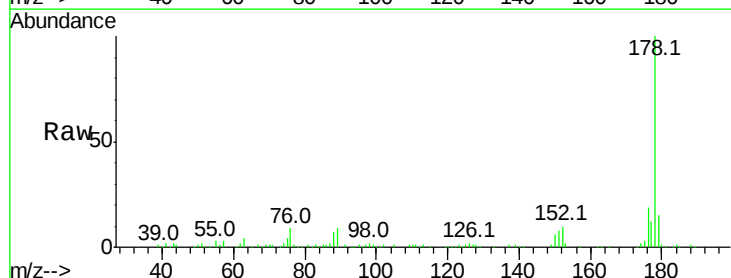
RT: 11.12 min Scan# 1553

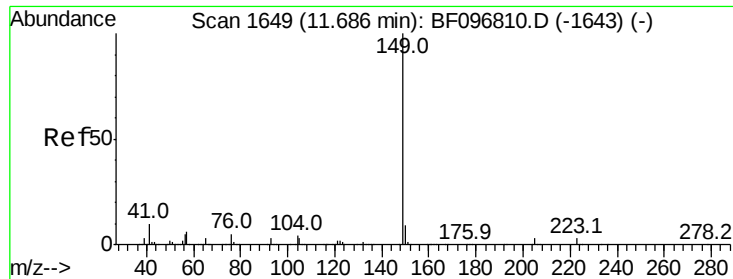
Delta R.T. -0.01 min

Lab File: BF096852.D

Acq: 18 Jul 2017 17:42

Tgt Ion:	178	Resp:	96803
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.2	24.4
179	15.2	12.6	19.0





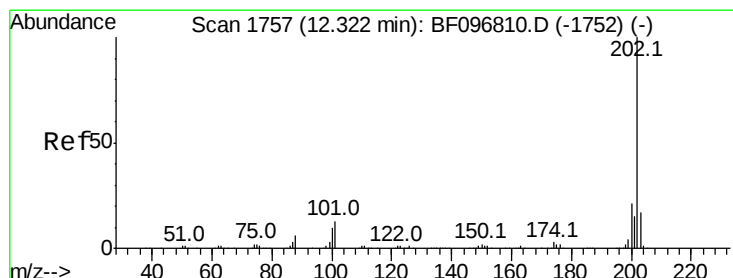
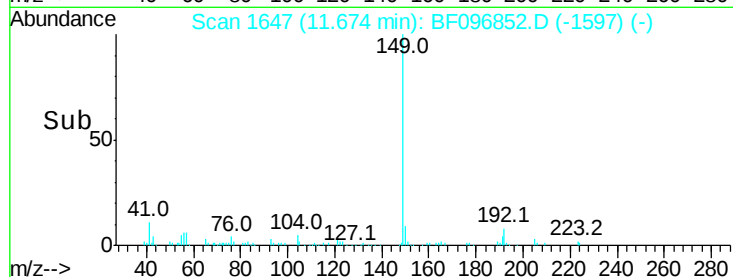
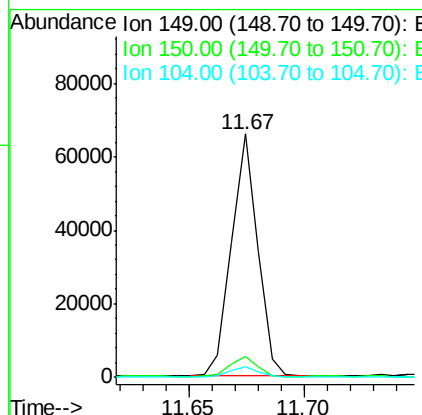
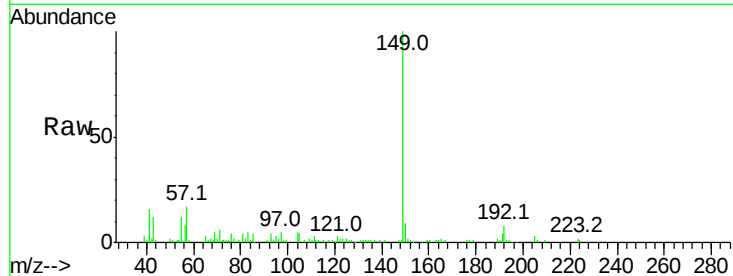
#73
Di-n-butylphthalate
Concen: 2.635 ng
RT: 11.67 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tot Ion	Ratio	Resp	Lower	Upper
149	100	51703		
150	8.8		7.7	11.5
104	4.5		4.0	6.0

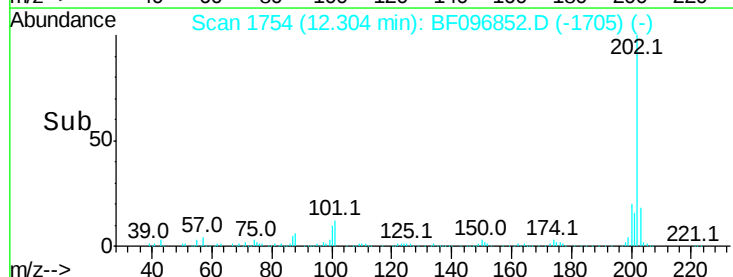
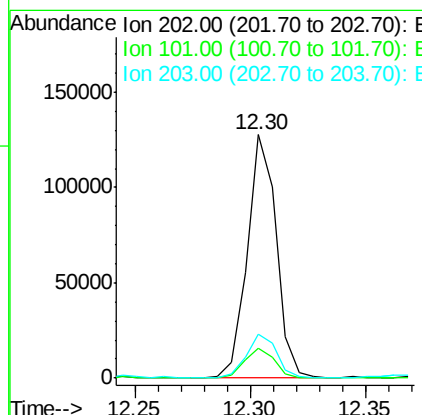
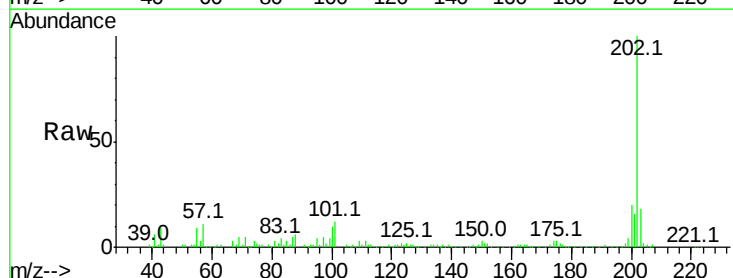
Manual Integrations
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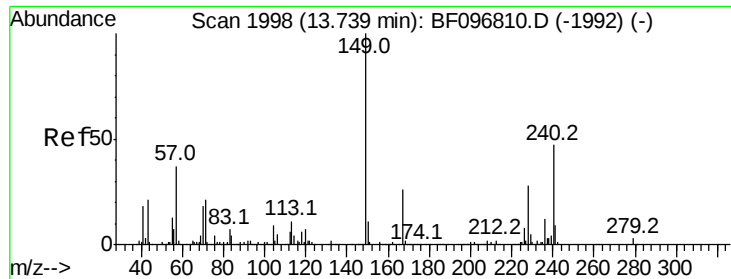
mohammad
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#74
Fluoranthene
Concen: 7.308 ng
RT: 12.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	112556		
101	12.2		0.0	33.2
203	18.0		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096852.D

Acq: 18 Jul 2017 17:42

Instrument :

BNA_F

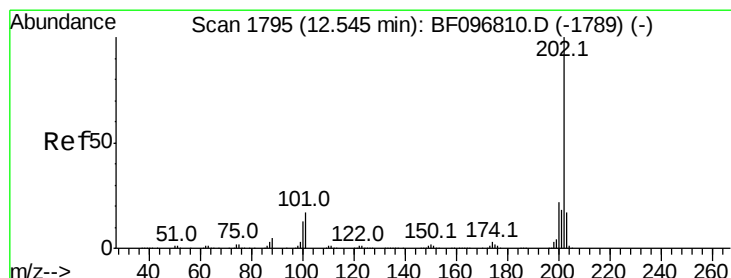
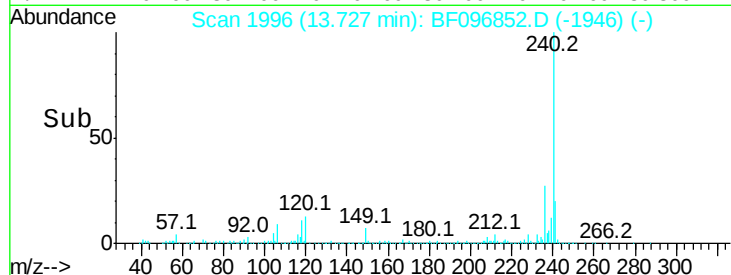
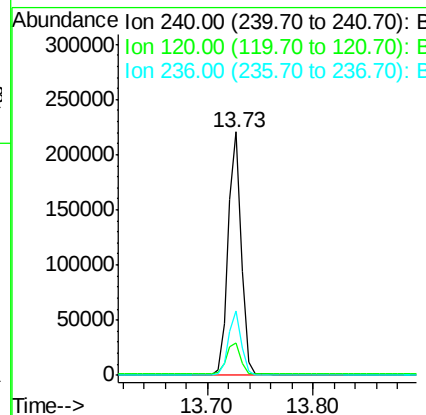
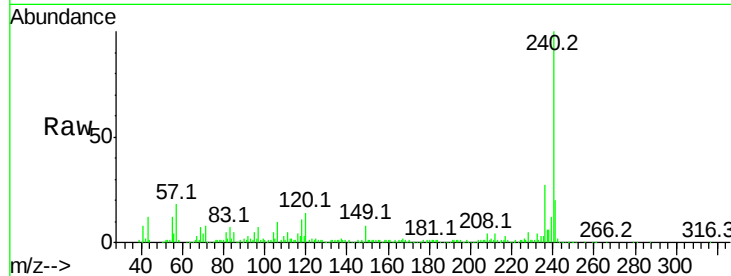
ClientSampleId :

PL-01-071717-C

Tot Ion	Ratio	Resp	Lower	Upper
240	100	193166		
120	13.6	5.8	8.8#	
236	26.6	20.5	30.7	

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#77

Pyrene

Concen: 5.627 ng

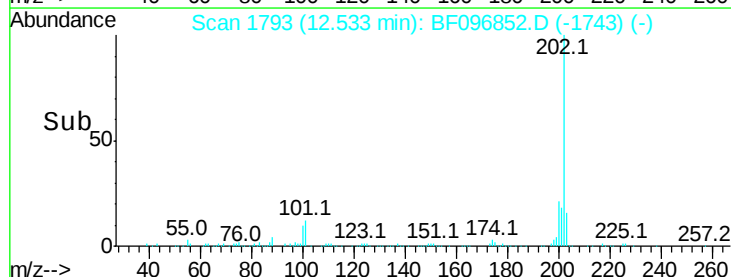
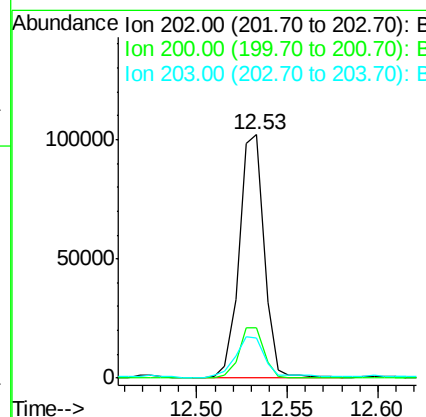
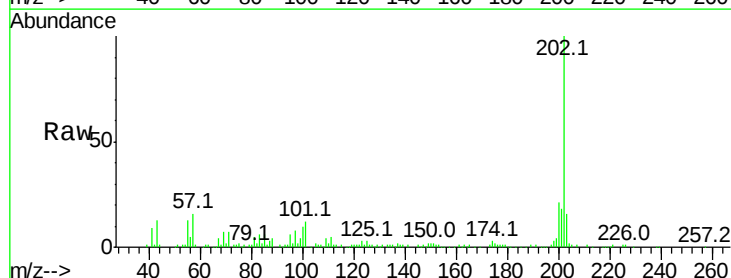
RT: 12.53 min Scan# 1793

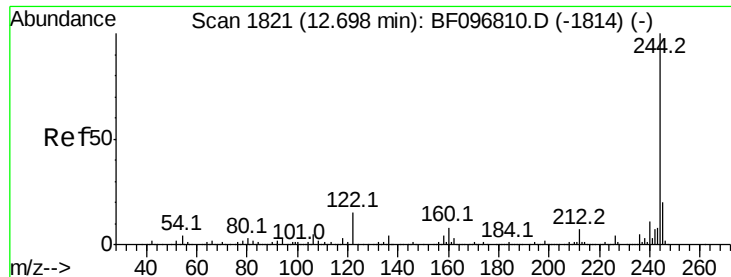
Delta R.T. -0.01 min

Lab File: BF096852.D

Acq: 18 Jul 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	98642		
200	20.9	17.6	26.4	
203	16.5	14.4	21.6	





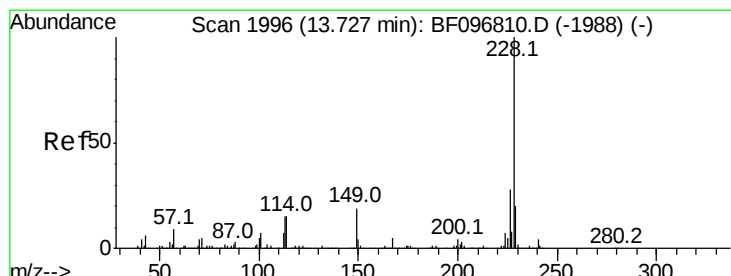
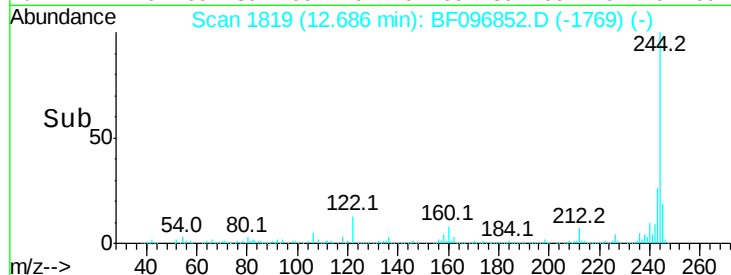
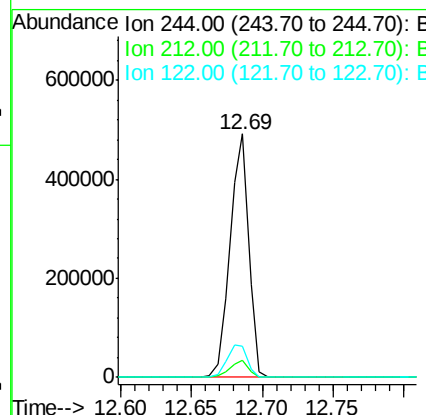
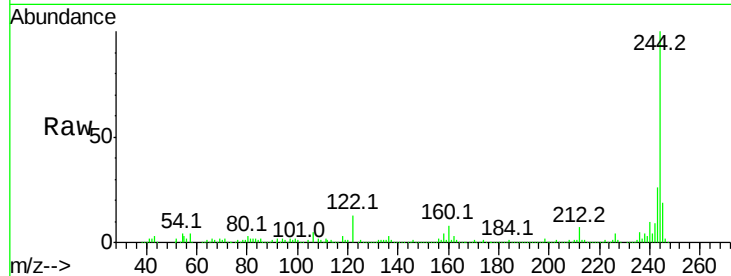
#78
 Terphenyl-d14
 Concen: 40.515 ng
 RT: 12.69 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF096852.D
 Acq: 18 Jul 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.9	10.3	15.5

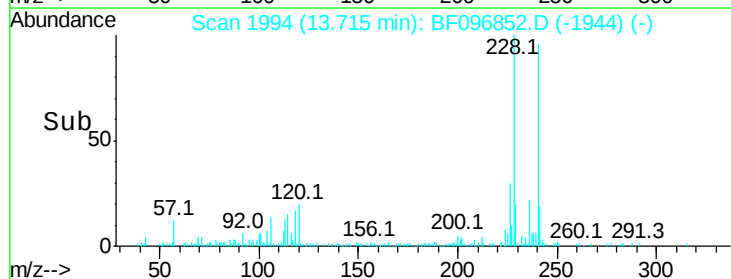
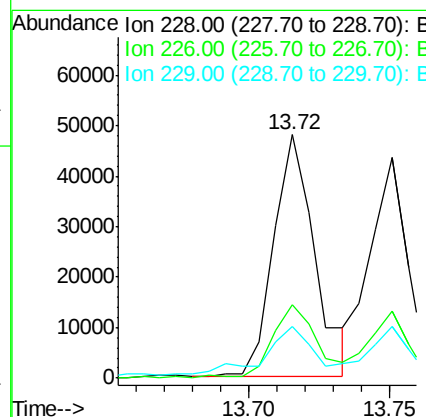
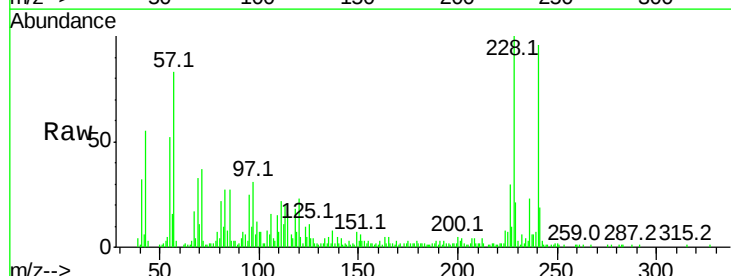
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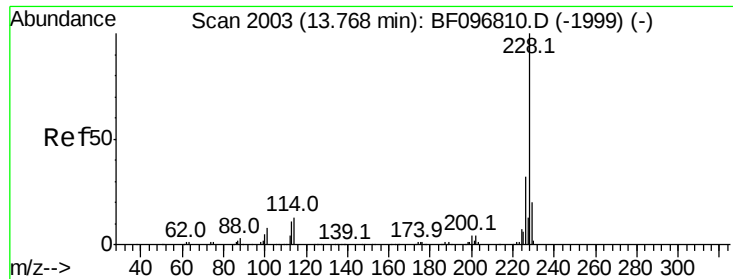
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#80
 Benzo(a)anthracene
 Concen: 4.005 ng
 RT: 13.72 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF096852.D
 Acq: 18 Jul 2017 17:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.4	16.3	24.5





#82

Chrysene

Concen: 3.496 ng

RT: 13.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF096852.D

Acq: 18 Jul 2017 17:42

Instrument :

BNA_F

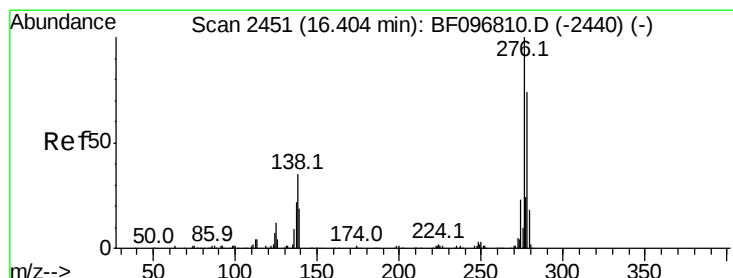
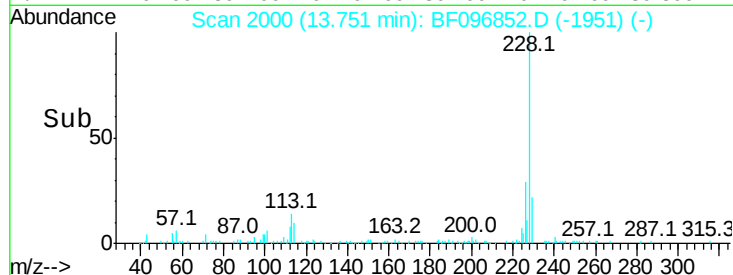
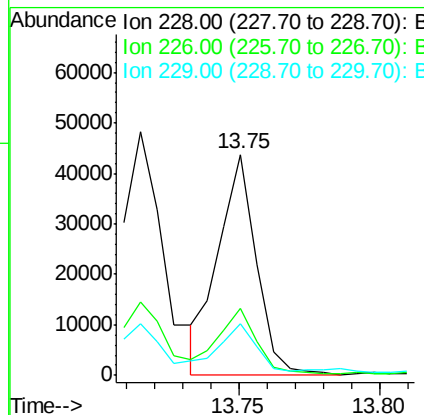
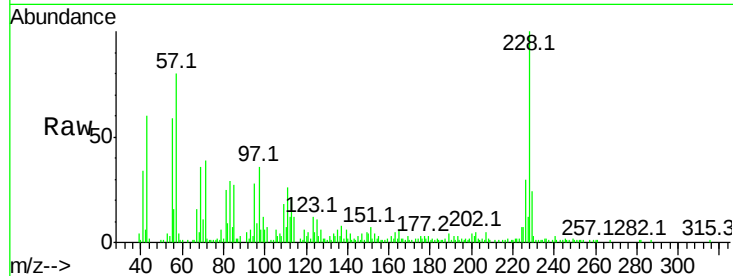
ClientSampleId :

PL-01-071717-C

Tot Ion:	228	Resp:	41426
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.9	37.3
229	23.6	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.191 ng

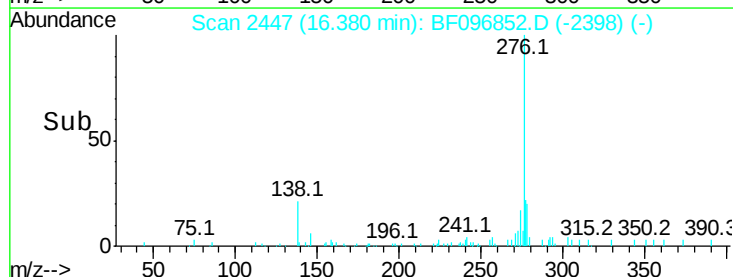
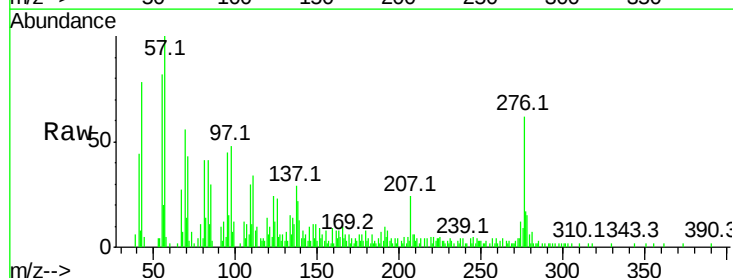
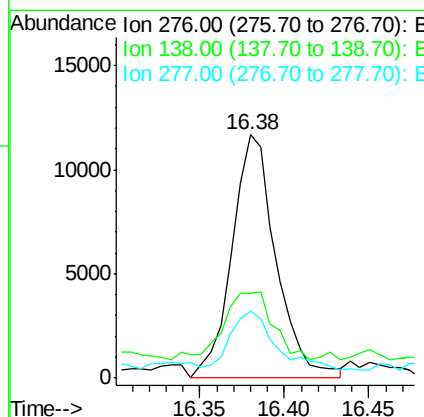
RT: 16.38 min Scan# 2447

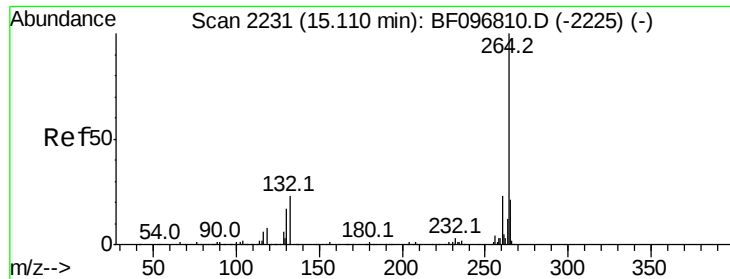
Delta R.T. -0.01 min

Lab File: BF096852.D

Acq: 18 Jul 2017 17:42

Tgt Ion:	276	Resp:	21238
Ion Ratio	Lower	Upper	
276	100		
138	32.0	27.8	41.6
277	26.1	20.2	30.4





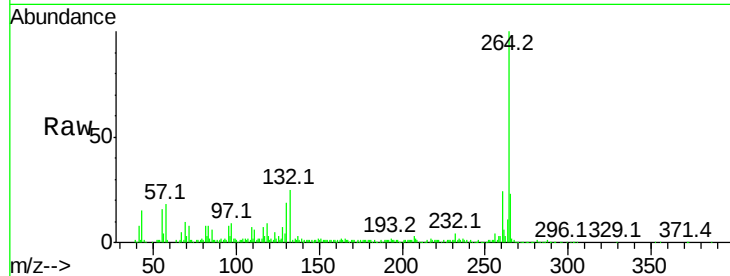
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PL-01-071717-C

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.1	19.5	29.3	
265	22.6	17.2	25.8	

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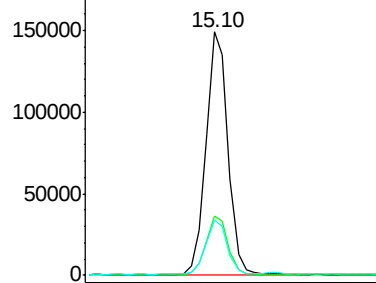


Abundance

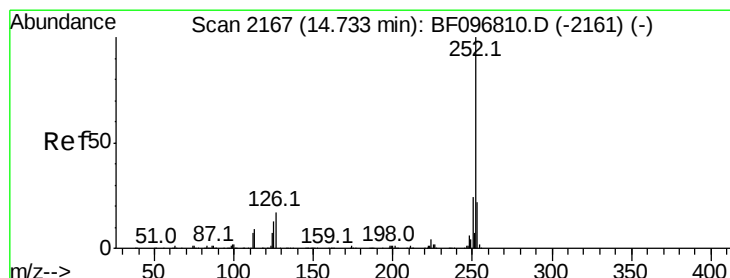
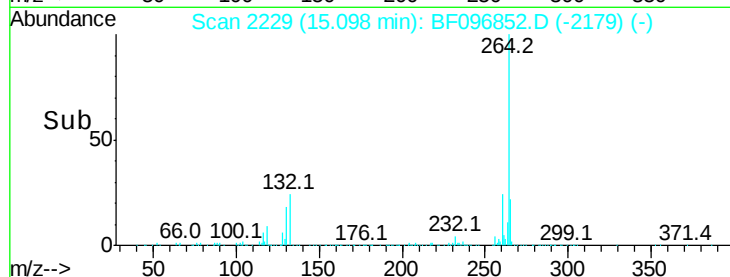
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

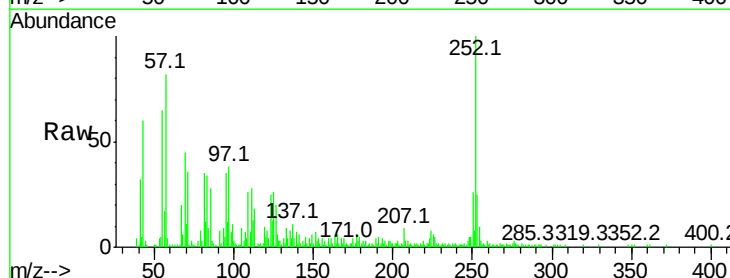


Time-->



#87
Benzo(b)fluoranthene
Concen: 5.557 ng m
RT: 14.72 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF096852.D
Acq: 18 Jul 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	25.1	18.1	27.1	
125	26.2	9.8	14.8	

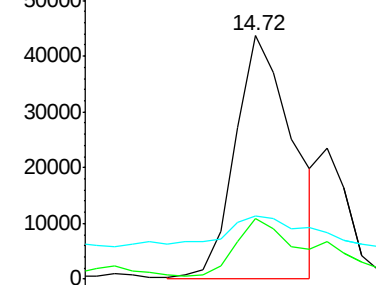


Abundance

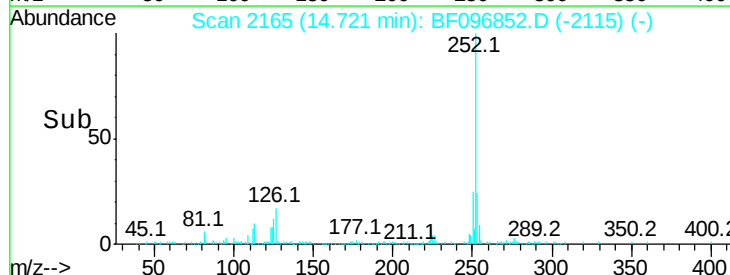
Ion 252.00 (251.70 to 252.70): E

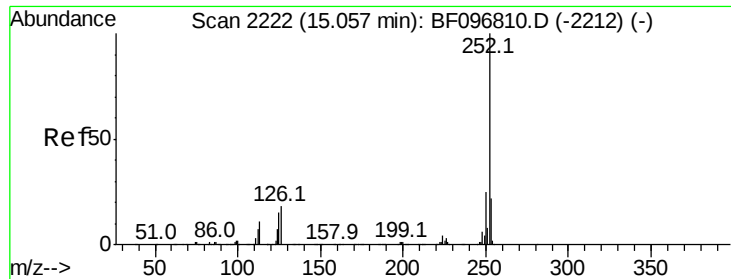
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#89
 Benzo(a)pyrene
 Concen: 3.911 ng
 RT: 15.04 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF096852.D
 Acq: 18 Jul 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071717-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	28.5	11.0	16.4

Manual Integrations
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