

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098373.D
 Acq On : 9 Sep 2017 4:09
 Operator : SJ/JU
 Sample : I5136-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRICK-WALL

Manual Integrations
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Sohil
 9/11/2017 4:48:03 PM

Quant Time: Sep 09 05:38:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101574	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	357876	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	130900	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	222996	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	231990	20.00	ng	-0.03
86) Perylene-d12	15.24	264	160190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	662421	99.20	ng	0.00
7) Phenol-d6	6.34	99	916001	100.96	ng	-0.01
23) Nitrobenzene-d5	7.25	82	515305	78.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	113549	99.98	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	765965	85.97	ng	-0.02
78) Terphenyl-d14	12.79	244	604571	54.34	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	104832	10.956	ng	99
57) Fluorene	10.26	166	21867	2.416	ng	99
70) Phenanthrene	11.22	178	139119	11.708	ng	99
71) Anthracene	11.27	178	44116	3.660	ng	99
74) Fluoranthene	12.41	202	128417	10.354	ng	98
77) Pyrene	12.64	202	108985	5.744	ng	96
80) Benzo(a)anthracene	13.83	228	57396	4.128	ng	99
82) Chrysene	13.86	228	47618m	3.443	ng	
87) Benzo(b)fluoranthene	14.84	252	46096m	4.565	ng	
89) Benzo(a)pyrene	15.19	252	31010	3.469	ng	96

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

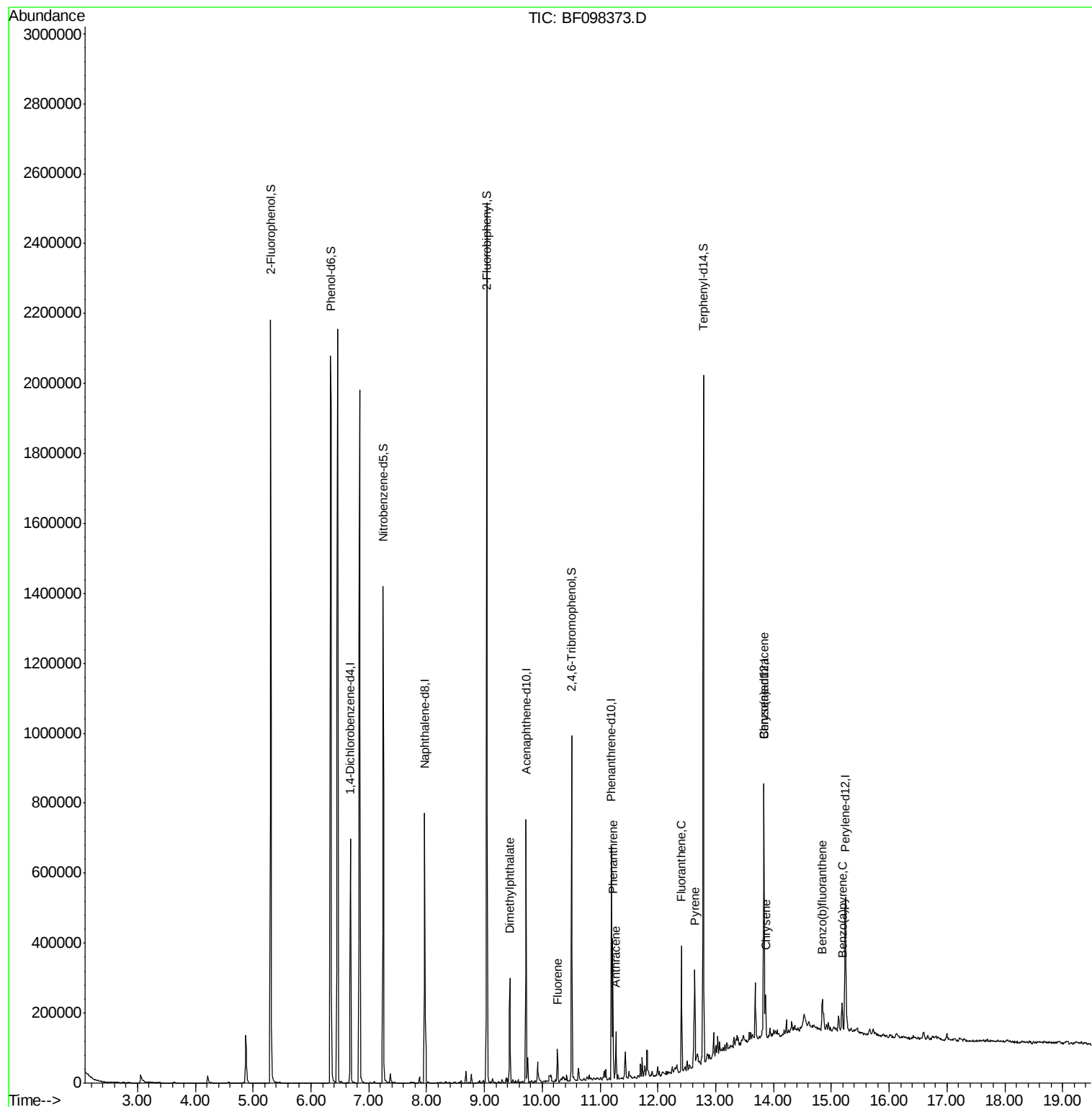
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098373.D
Acq On : 9 Sep 2017 4:09
Operator : SJ/JU
Sample : I5136-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

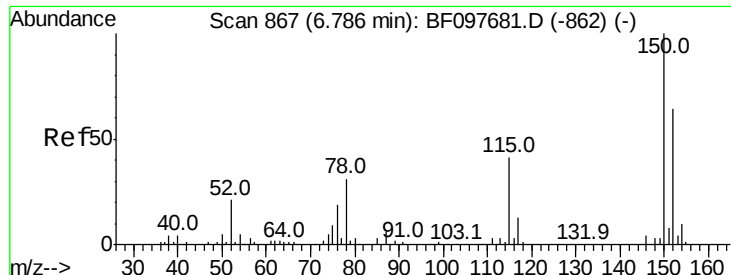
Instrument :
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#1

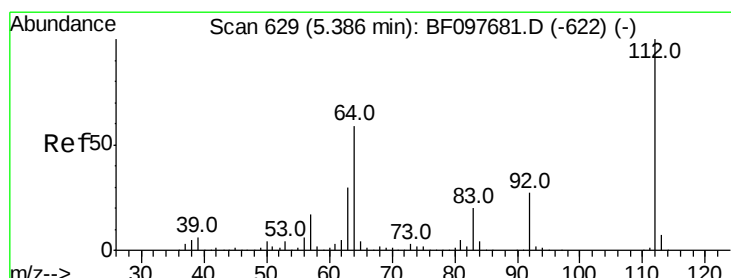
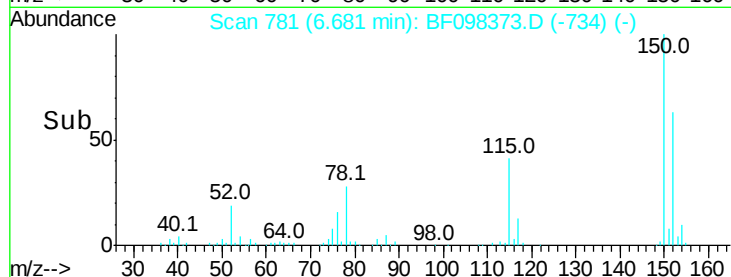
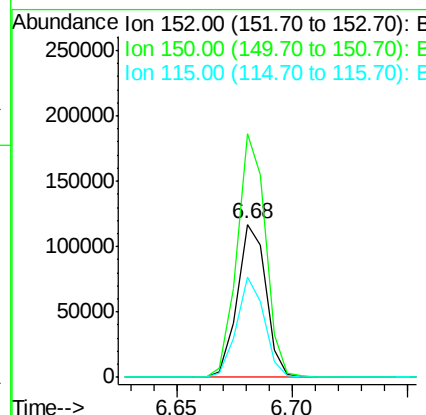
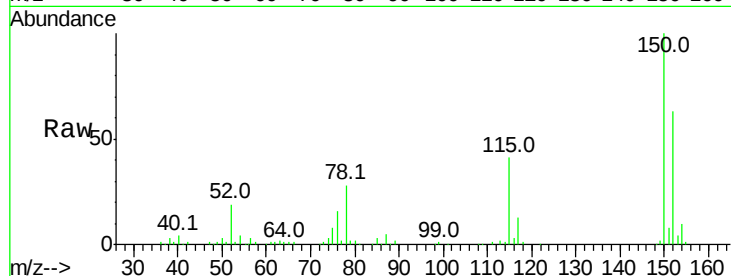
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF098373.D
Acq: 9 Sep 2017 4:09

Instrument :
BNA_F
ClientSampleId :
BRICK-WALL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	65.6	52.2	78.2

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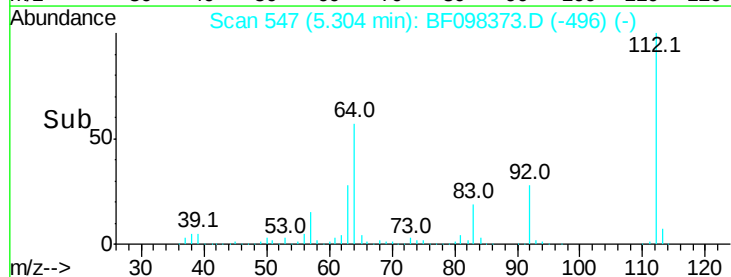
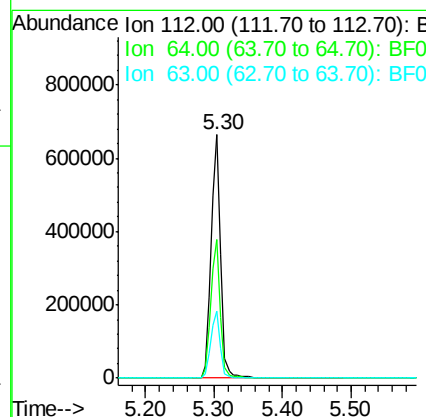
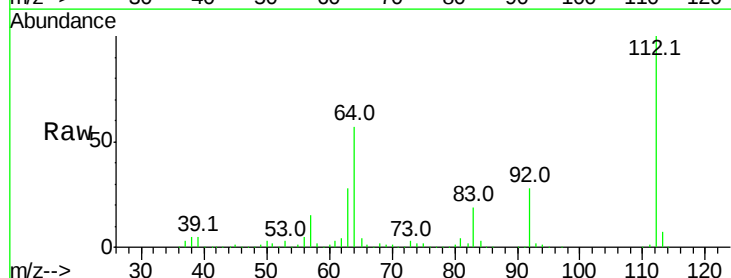
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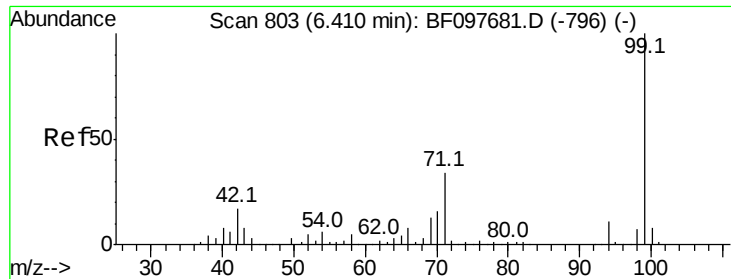


#5

2-Fluorophenol
Concen: 99.198 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF098373.D
Acq: 9 Sep 2017 4:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.0	69.0
63	27.6	23.4	35.0





#7

Phenol-d6

Concen: 100.957 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098373.D

Acq: 9 Sep 2017 4:09

Instrument :

BNA_F

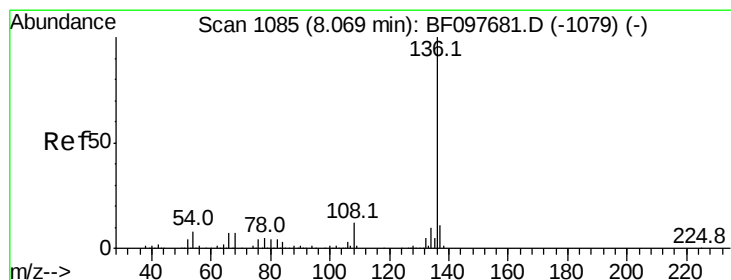
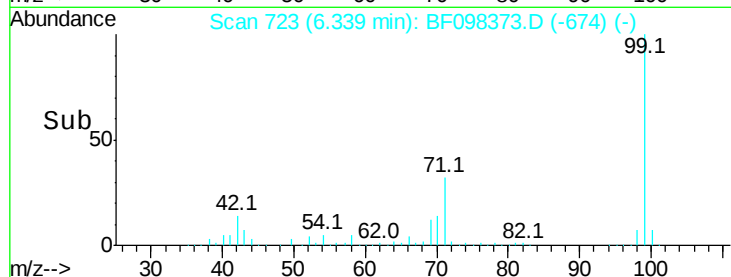
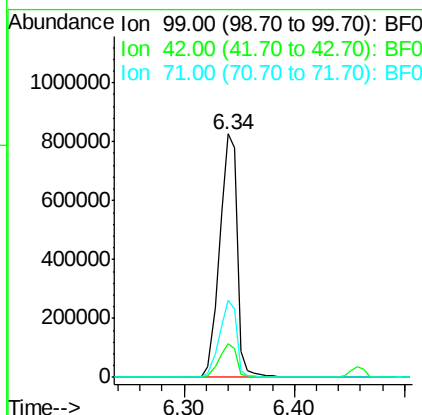
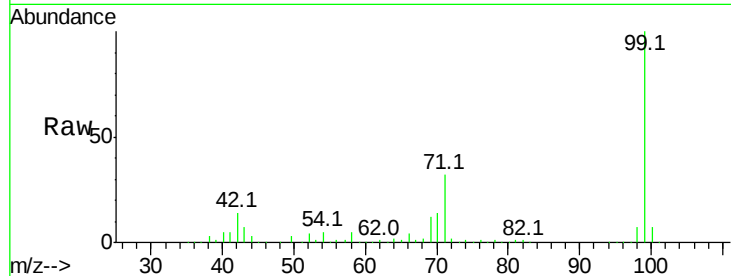
ClientSampled :

BRICK-WALL

Tot Ion:	99	Resp:	916001
Ion Ratio	Lower	Upper	
99	100		
42	13.7	13.5	20.3
71	31.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

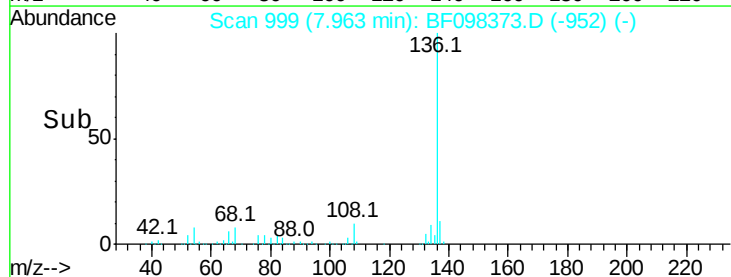
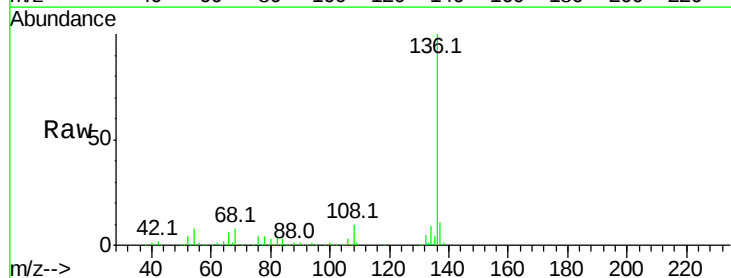
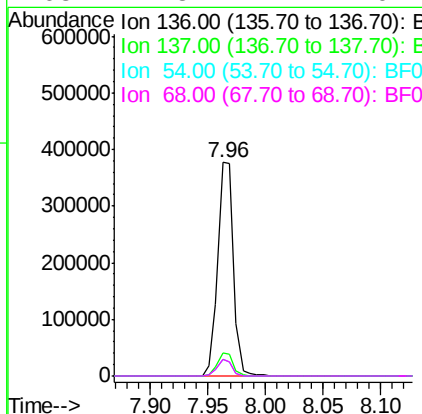
RT: 7.96 min Scan# 999

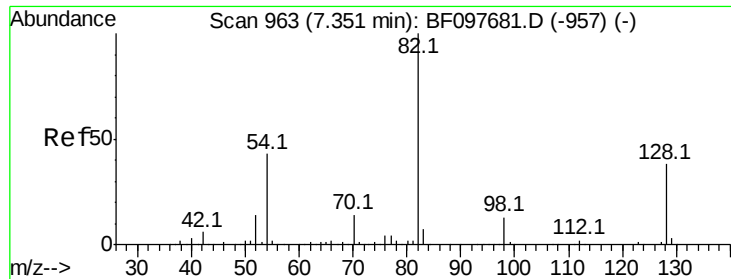
Delta R.T. -0.02 min

Lab File: BF098373.D

Acq: 9 Sep 2017 4:09

Tgt Ion:	136	Resp:	357876
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.8	4.9	7.3#
68	7.8	4.1	6.1#





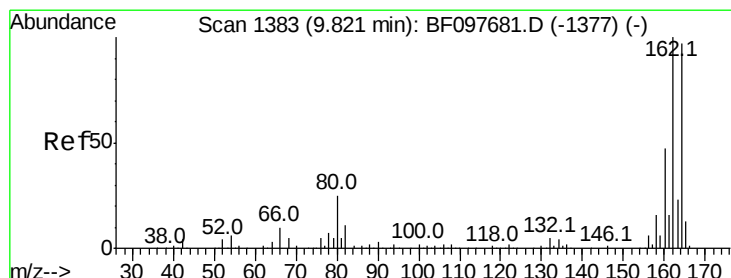
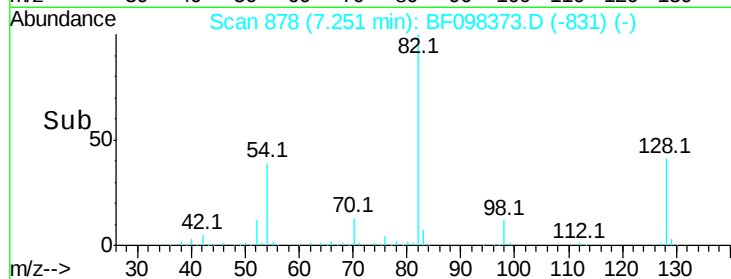
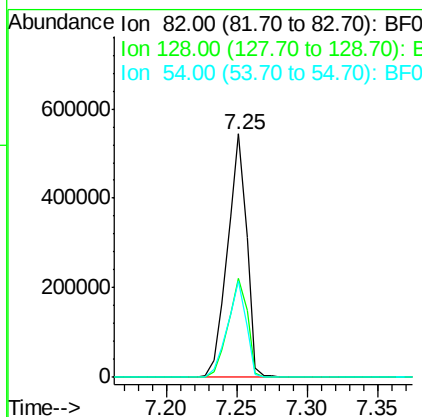
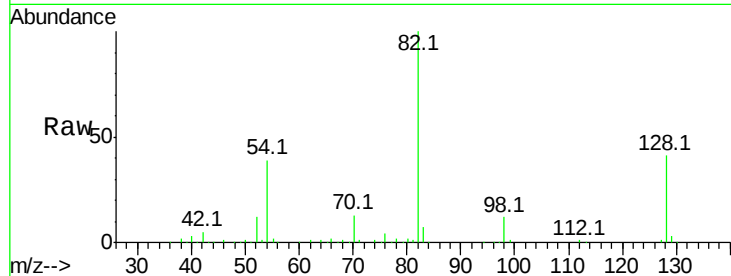
#23
 Nitrobenzene-d5
 Concen: 78.222 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098373.D
 Acq: 9 Sep 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 BRICK-WALL

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	40.6	34.0	51.0
54	39.4	42.2	63.2#

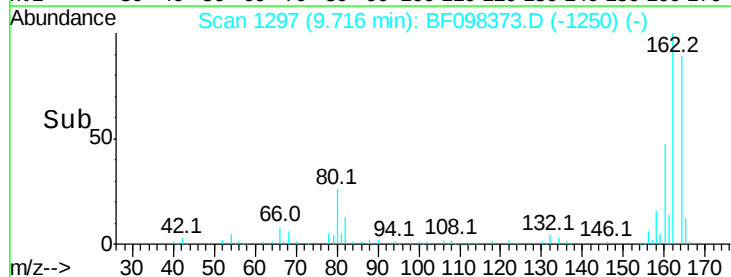
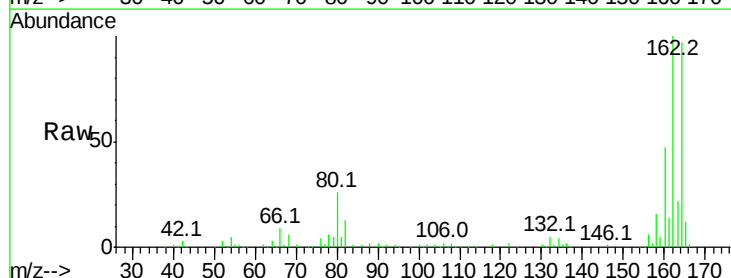
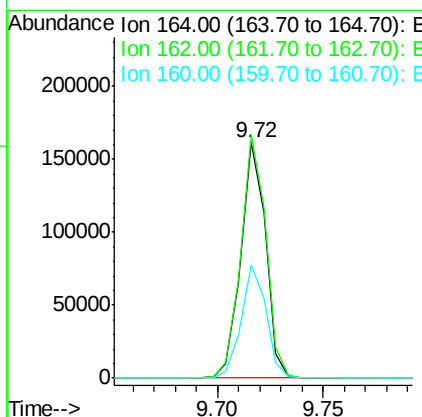
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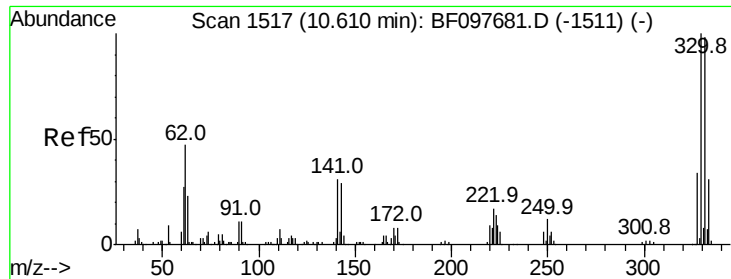
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF098373.D
 Acq: 9 Sep 2017 4:09

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.3	82.6	123.8
160	48.1	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 99.975 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF098373.D

Acq: 9 Sep 2017 4:09

Instrument :

BNA_F

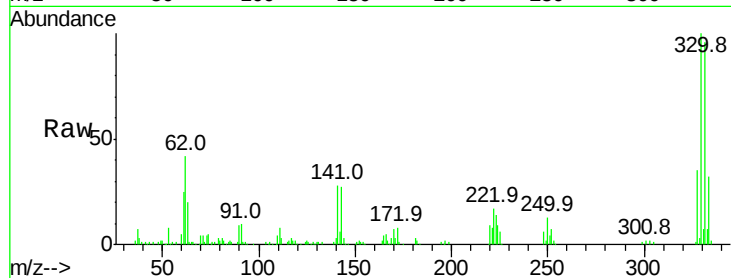
ClientSampleId :

BRICK-WALL

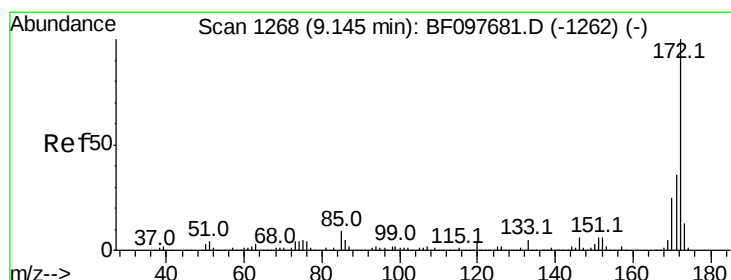
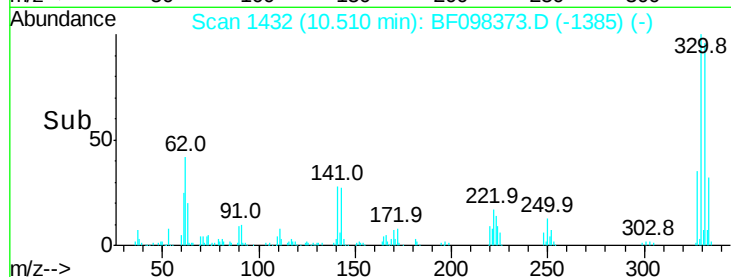
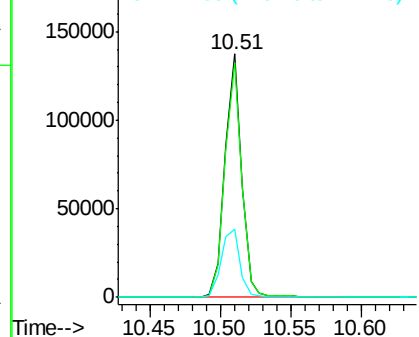
Tot Ion:	330	Resp:	113549
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.6	115.0
141	31.5	31.4	47.2

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



#44

2-Fluorobiphenyl

Concen: 85.971 ng

RT: 9.05 min Scan# 1183

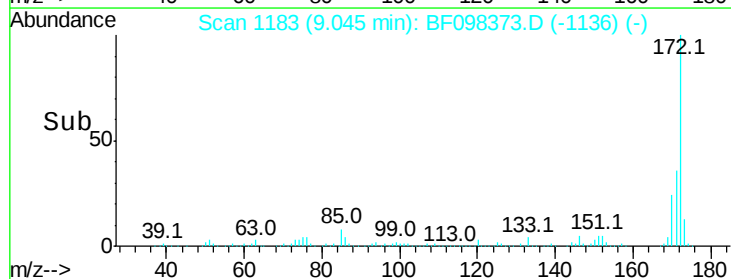
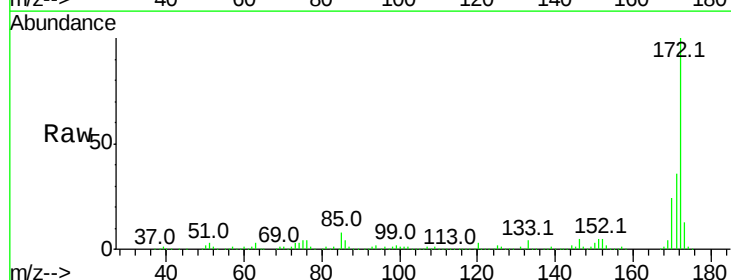
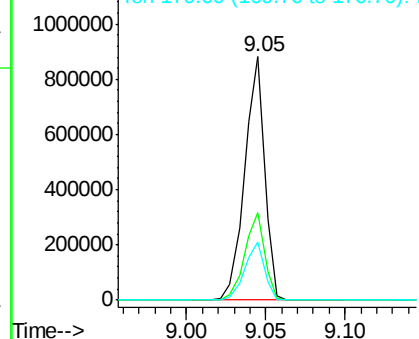
Delta R.T. -0.02 min

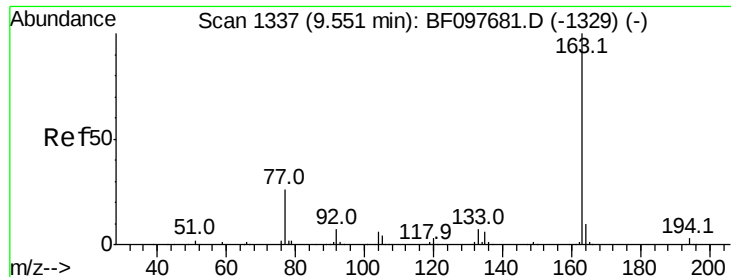
Lab File: BF098373.D

Acq: 9 Sep 2017 4:09

Tgt Ion:	172	Resp:	765965
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	23.9	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





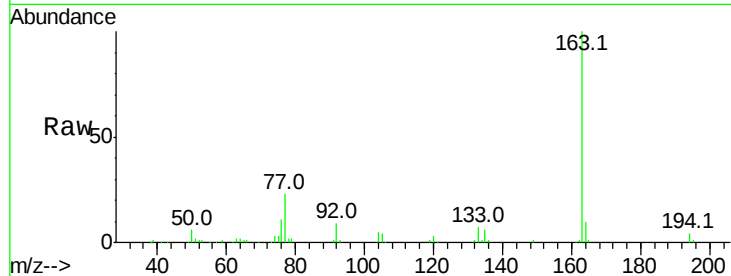
#49
Dimethylphthalate
Concen: 10.956 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF098373.D
Acq: 9 Sep 2017 4:09

Instrument :
BNA_F
ClientSampleId :
BRICK-WALL

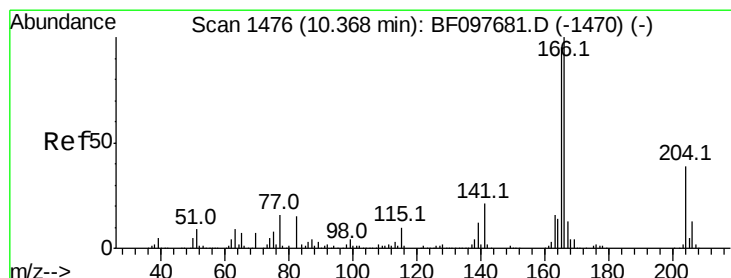
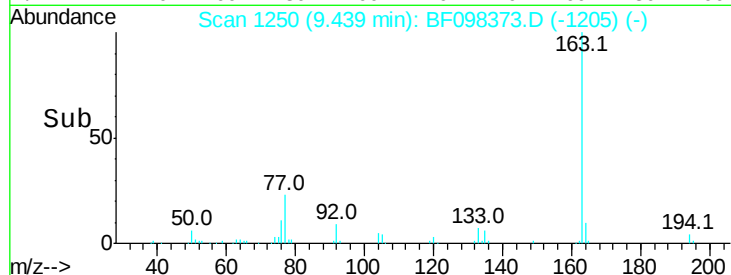
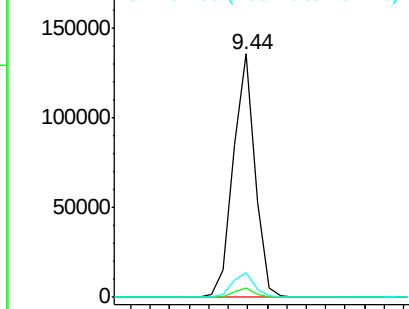
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.6	4.0	
164	10.2	8.4	12.6	

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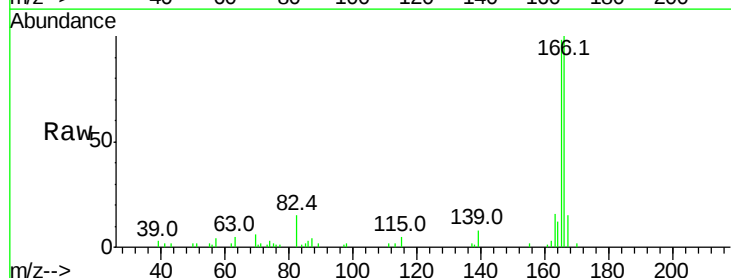


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

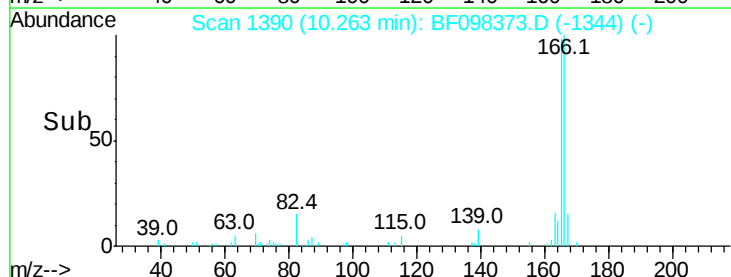
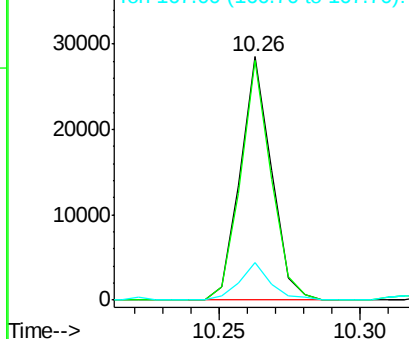


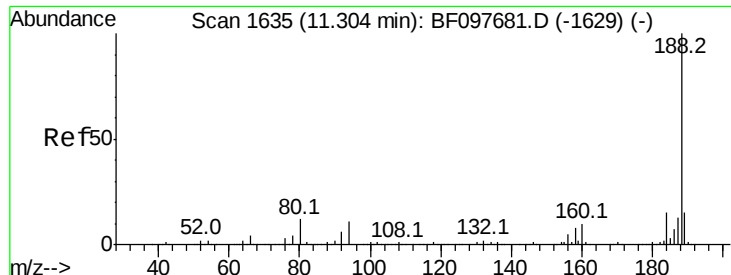
#57
Fluorene
Concen: 2.416 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BF098373.D
Acq: 9 Sep 2017 4:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.3	78.8	118.2	
167	15.3	10.6	16.0	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





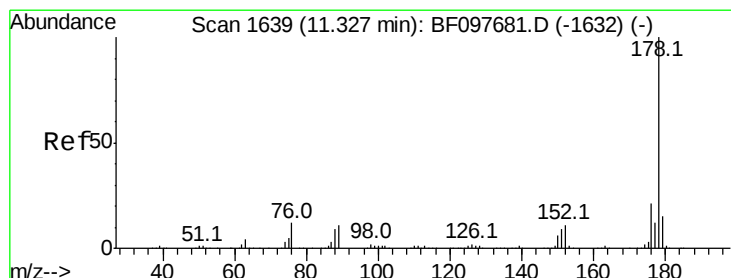
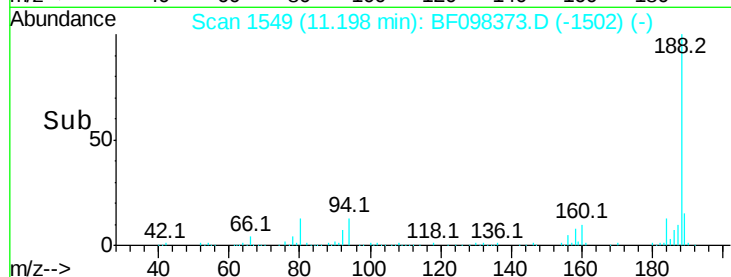
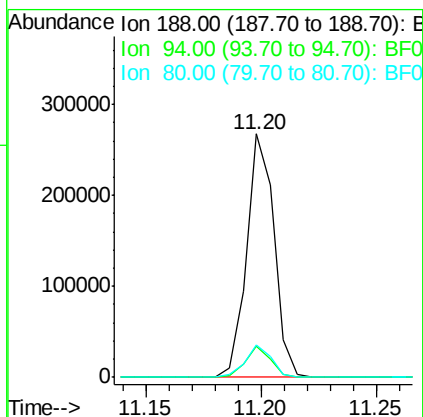
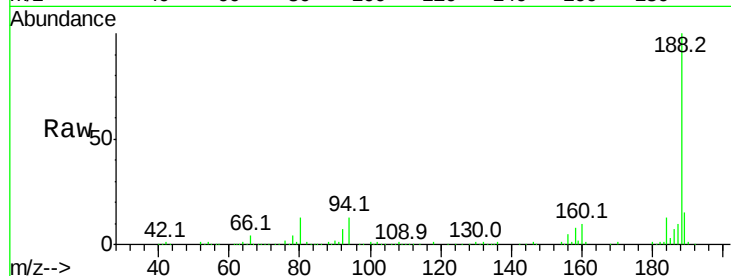
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF098373.D
Acq: 9 Sep 2017 4:09

Instrument :
BNA_F
ClientSampleId :
BRICK-WALL

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.0	9.4	14.2
80	13.2	10.2	15.2

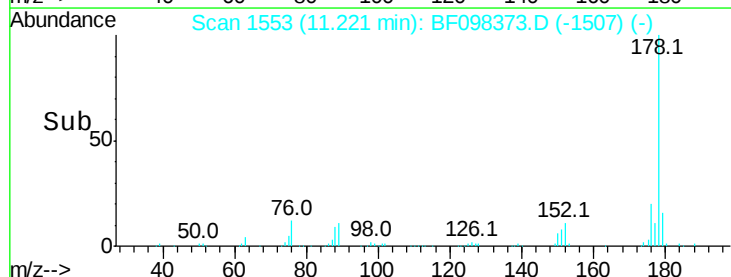
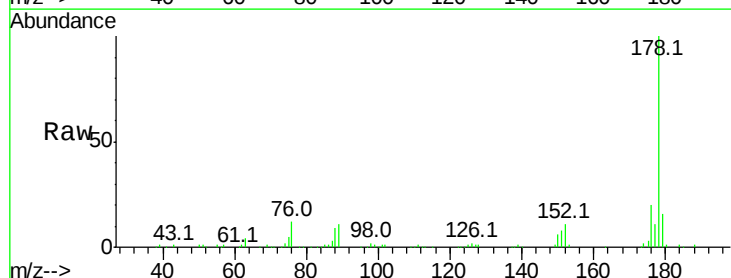
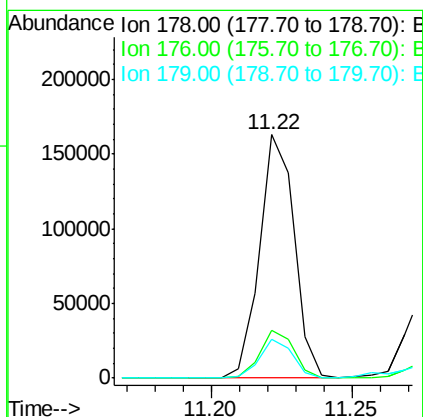
Manual Integrations
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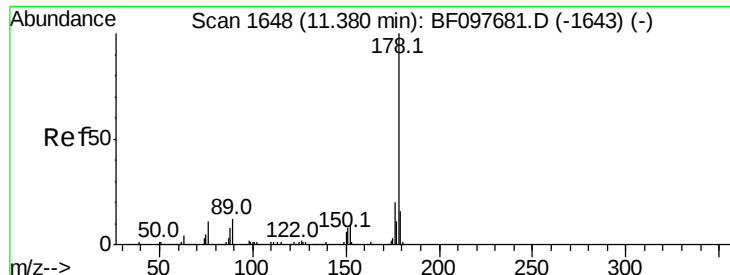
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#70
Phenanthrene
Concen: 11.708 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.03 min
Lab File: BF098373.D
Acq: 9 Sep 2017 4:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.7	16.2	24.4
179	15.8	12.6	19.0





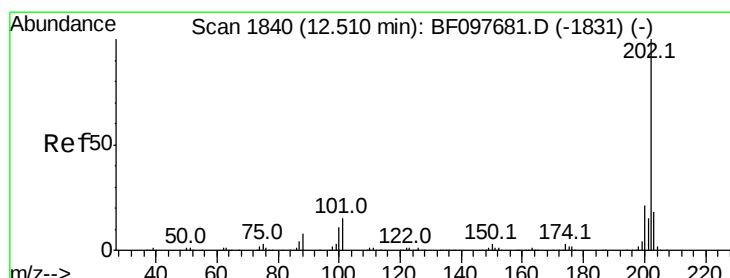
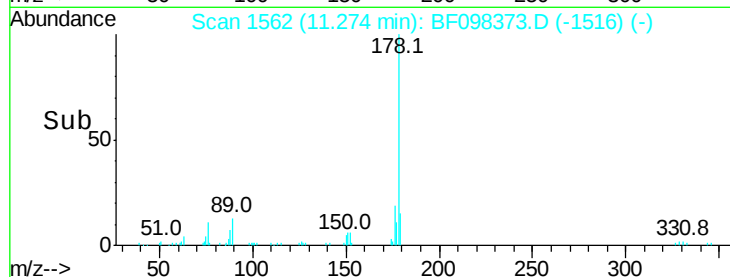
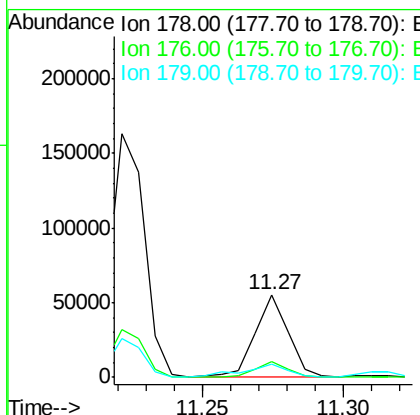
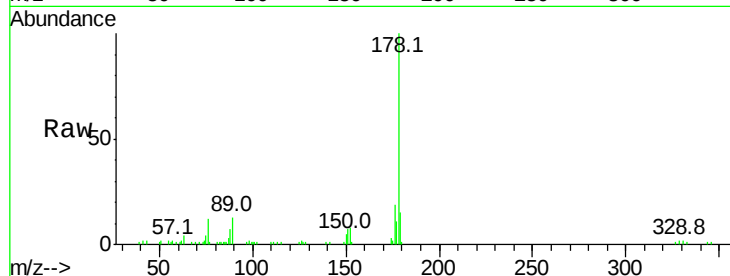
#71
 Anthracene
 Concen: 3.660 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.03 min
 Lab File: BF098373.D
 Acq: 9 Sep 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 BRICK-WALL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.4	12.7	19.1

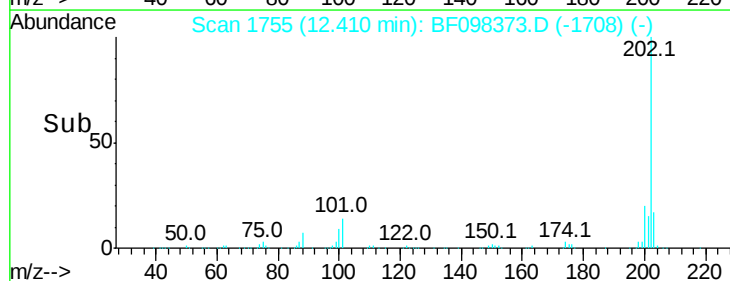
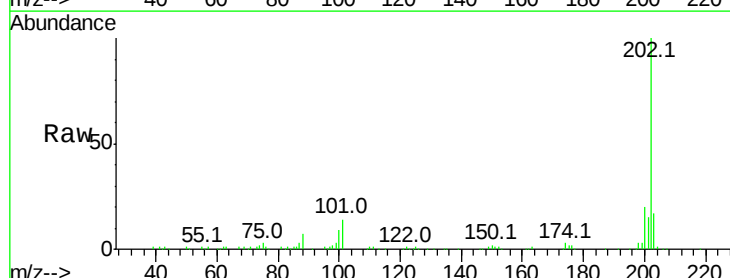
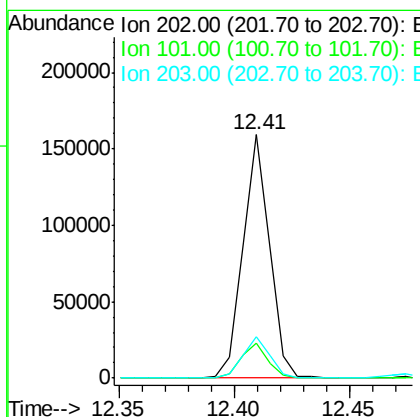
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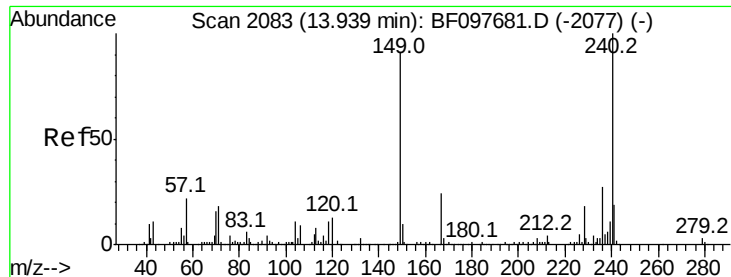
Sohil
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#74
 Fluoranthene
 Concen: 10.354 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BF098373.D
 Acq: 9 Sep 2017 4:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF098373.D

Acq: 9 Sep 2017 4:09

Instrument :

BNA_F

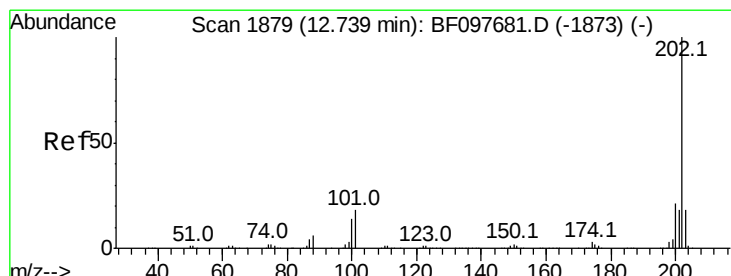
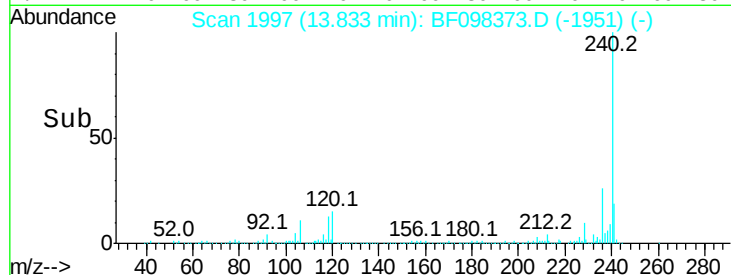
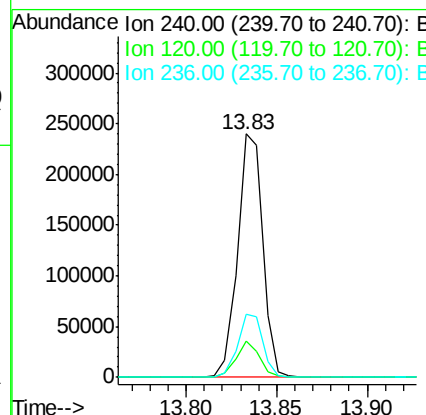
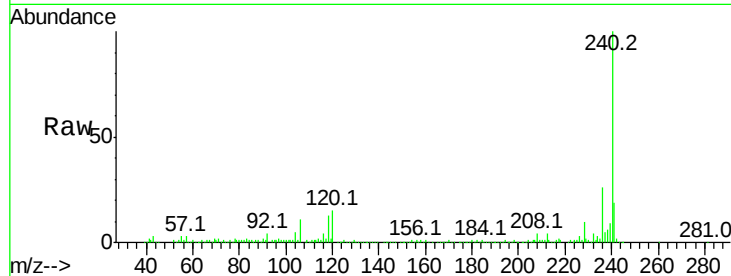
ClientSampleId :

BRICK-WALL

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.9	20.5	30.7

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#77

Pyrene

Concen: 5.744 ng

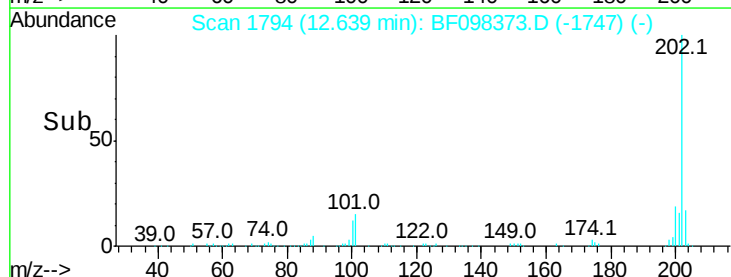
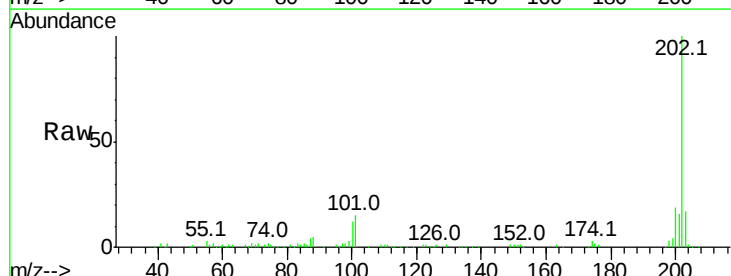
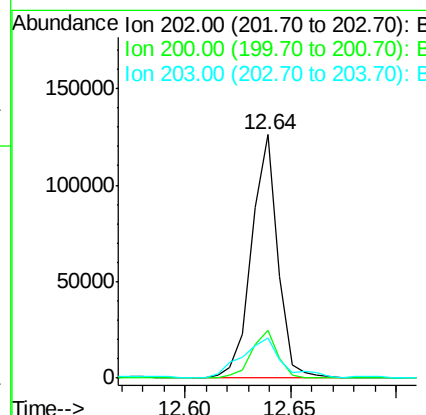
RT: 12.64 min Scan# 1794

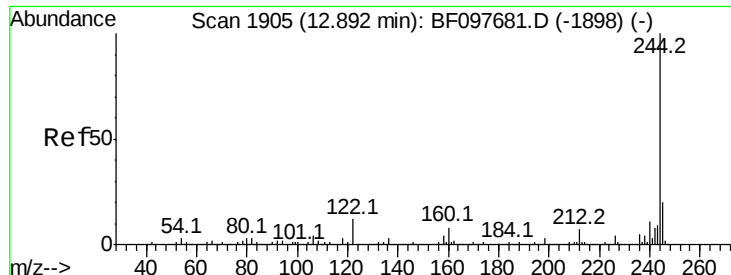
Delta R.T. -0.02 min

Lab File: BF098373.D

Acq: 9 Sep 2017 4:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.6	26.4
203	16.7	14.4	21.6





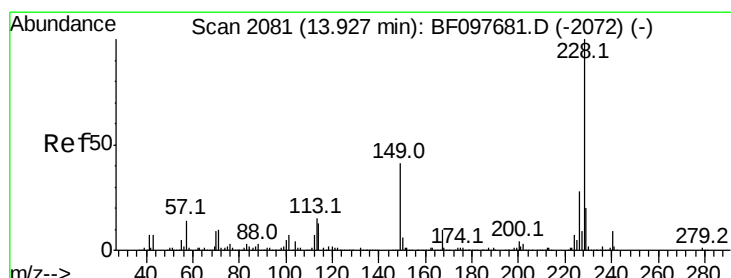
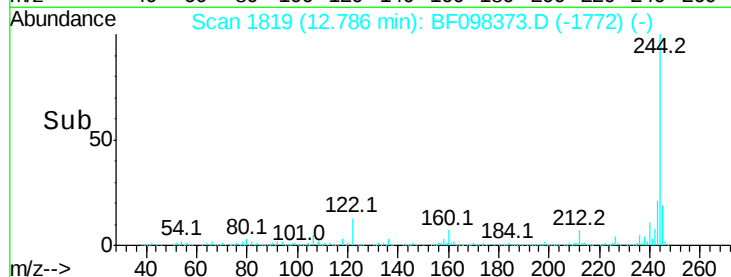
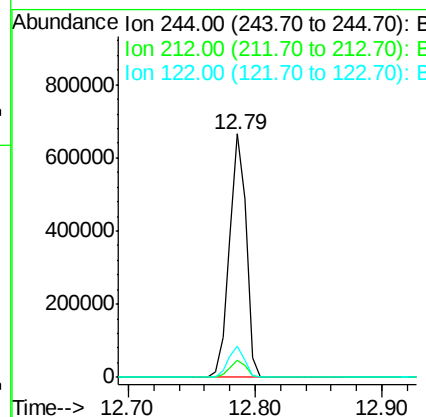
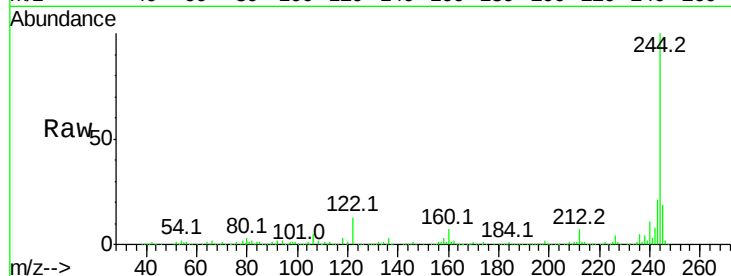
#78
 Terphenyl-d14
 Concen: 54.344 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BF098373.D
 Acq: 9 Sep 2017 4:09

Instrument :
 BNA_F
 ClientSampleId :
 BRICK-WALL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.8	10.3	15.5

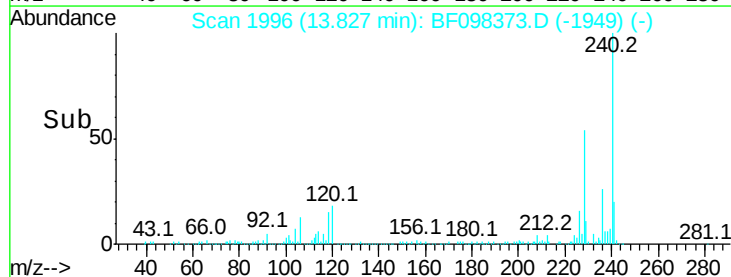
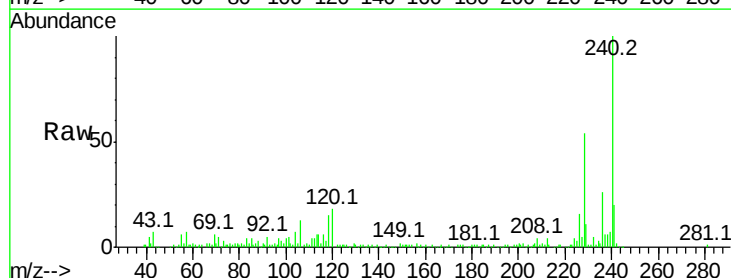
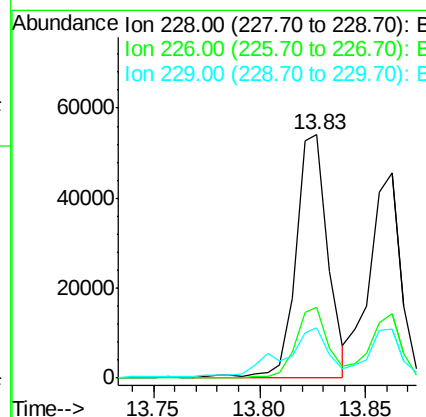
Manual Integrations
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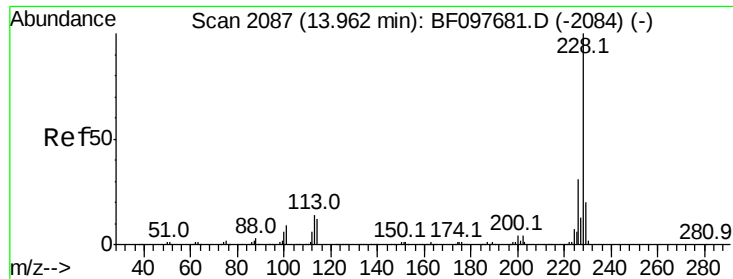
Sohil
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#80
 Benzo(a)anthracene
 Concen: 4.128 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF098373.D
 Acq: 9 Sep 2017 4:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	20.7	16.3	24.5





#82

Chrysene

Concen: 3.443 ng/mL

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF098373.D

Acq: 9 Sep 2017 4:09

Instrument :

BNA_F

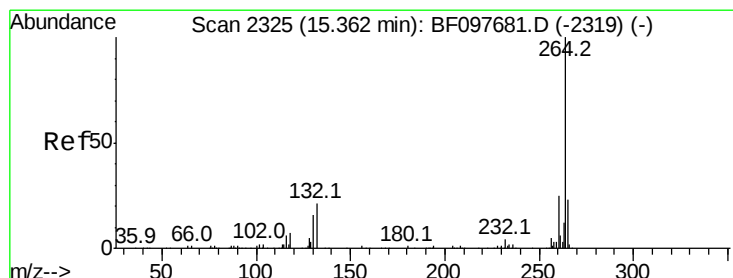
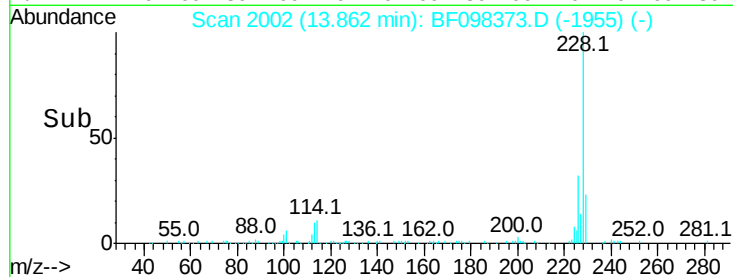
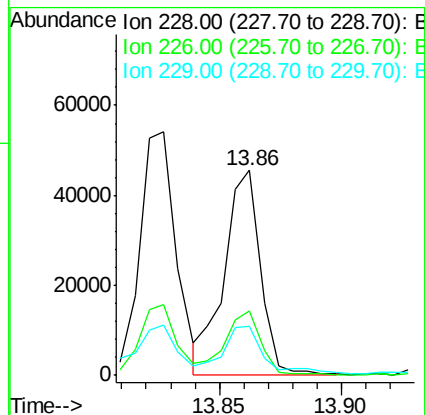
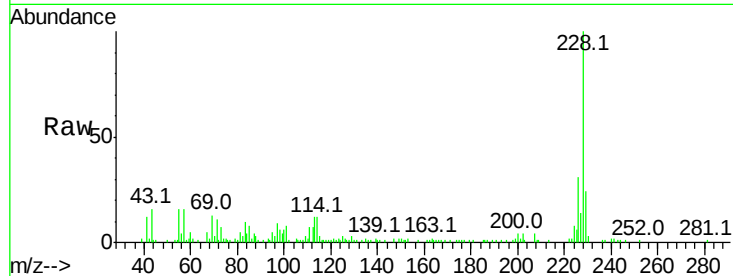
ClientSampleId :

BRICK-WALL

Tot Ion:	228	Resp:	47618
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	23.6	15.8	23.6

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#86

Perylene-d12

Concen: 20.000 ng/mL

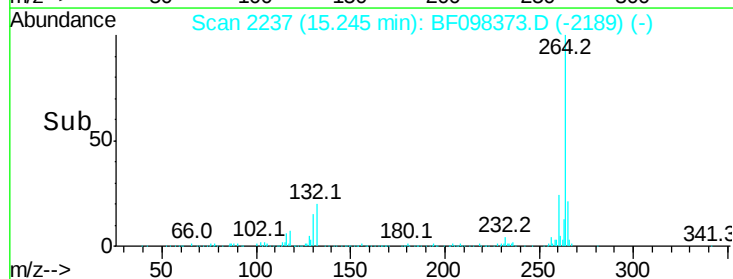
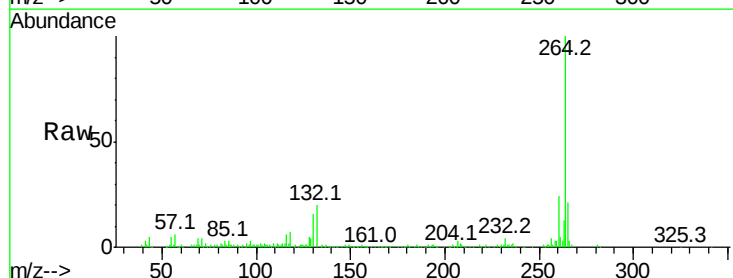
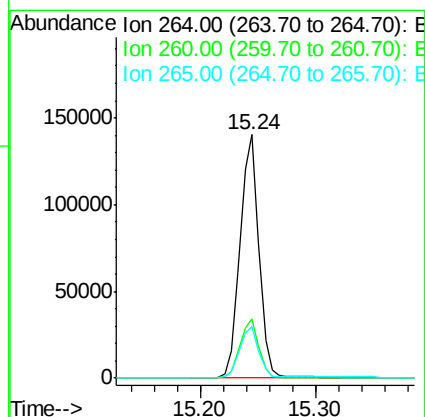
RT: 15.24 min Scan# 2237

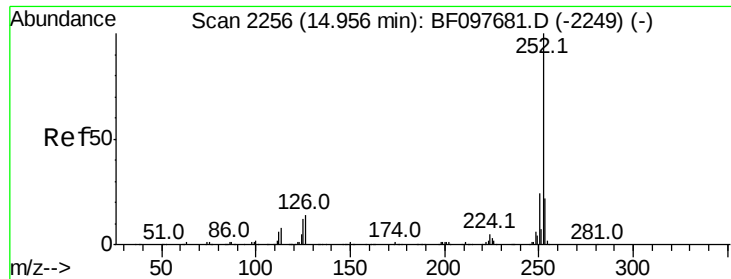
Delta R.T. -0.02 min

Lab File: BF098373.D

Acq: 9 Sep 2017 4:09

Tgt Ion:	264	Resp:	160190
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	20.9	17.2	25.8





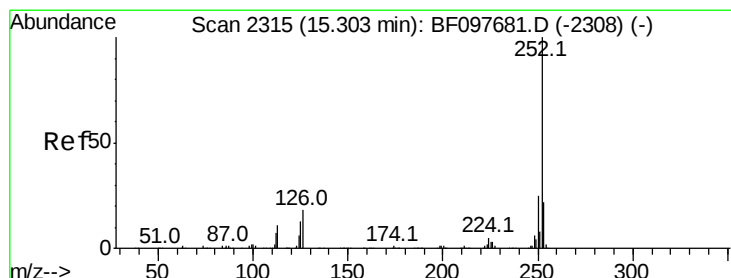
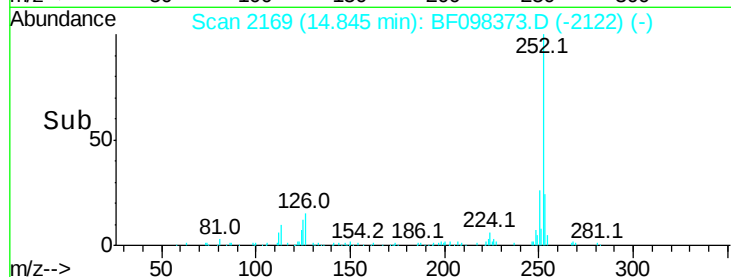
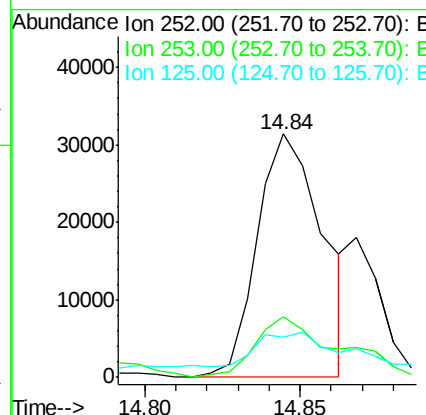
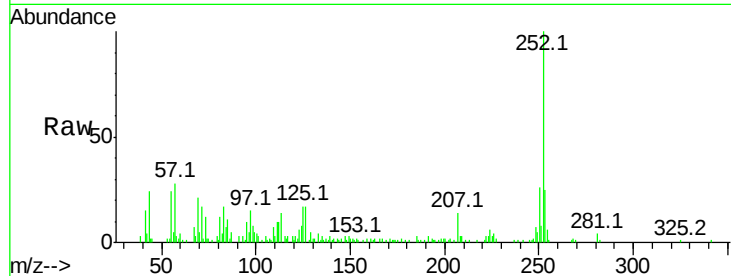
#87
Benzo(b)fluoranthene
Concen: 4.565 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF098373.D
Acq: 9 Sep 2017 4:09

Instrument :
BNA_F
ClientSampleId :
BRICK-WALL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	16.5	9.8	14.8

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#89
Benzo(a)pyrene
Concen: 3.469 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF098373.D
Acq: 9 Sep 2017 4:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	15.8	11.0	16.4

