

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098401.D
 Acq On : 9 Sep 2017 22:22
 Operator : SJ/JU
 Sample : I5136-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BRICK-WALL

Manual Integrations
 APPROVED

Sohil
 9/11/2017 2:43:00 PM

Quant Time: Sep 11 07:07:23 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	6.67	152	106329	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	404349	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	171001	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	286017	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	239788	20.00	ng	-0.04
86) Perylene-d12	15.22	264	215016	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	743840	106.41	ng	-0.01
7) Phenol-d6	6.33	99	1021871	107.59	ng	-0.02
23) Nitrobenzene-d5	7.25	82	583478	78.39	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	166098	111.95	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	902993	77.58	ng	-0.04
78) Terphenyl-d14	12.77	244	631477	54.92	ng	-0.04
Target Compounds						
49) Dimethylphthalate	9.43	163	128994	10.320	ng	99
57) Fluorene	10.25	166	30844	2.609	ng	99
70) Phenanthrene	11.21	178	184486	12.105	ng	99
71) Anthracene	11.26	178	57415	3.714	ng	97
74) Fluoranthene	12.39	202	141319	8.883	ng	98
77) Pyrene	12.62	202	115456	5.887	ng	98
80) Benzo(a)anthracene	13.81	228	58629	4.080	ng	98
82) Chrysene	13.84	228	50856	3.557	ng	97
87) Benzo(b)fluoranthene	14.83	252	52749m	3.892	ng	
89) Benzo(a)pyrene	15.16	252	40166	3.348	ng	98

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

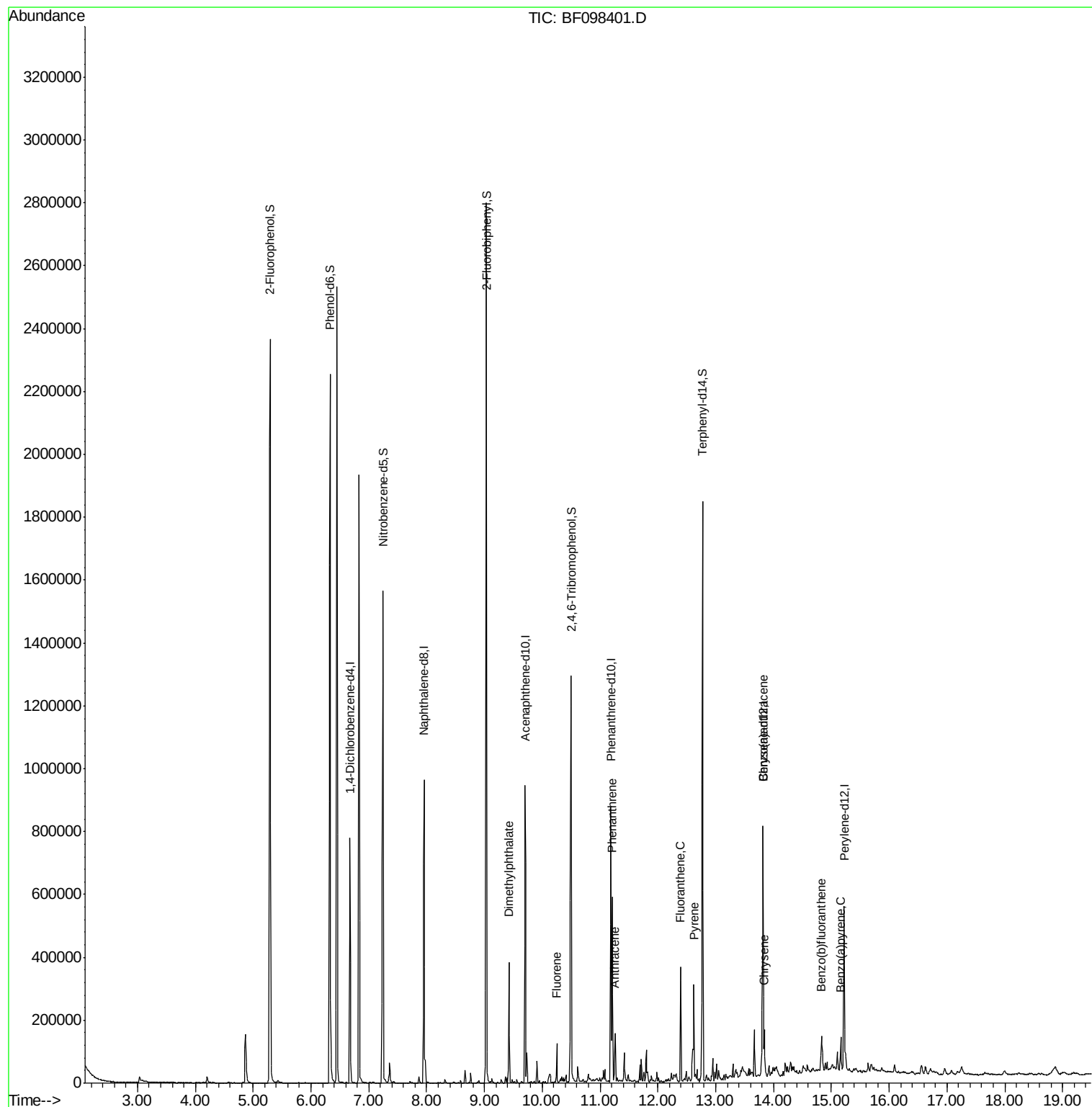
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098401.D
Acq On : 9 Sep 2017 22:22
Operator : SJ/JU
Sample : I5136-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

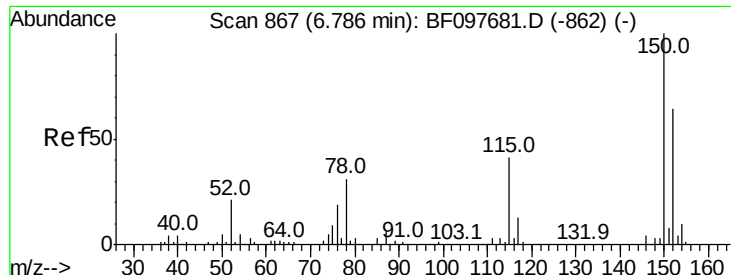
Instrument :
BNA_F
ClientSampleId :
BRICK-WALL

Manual Integrations
APPROVED

Sohil
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Quant Time: Sep 11 07:07:23 2017
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#1

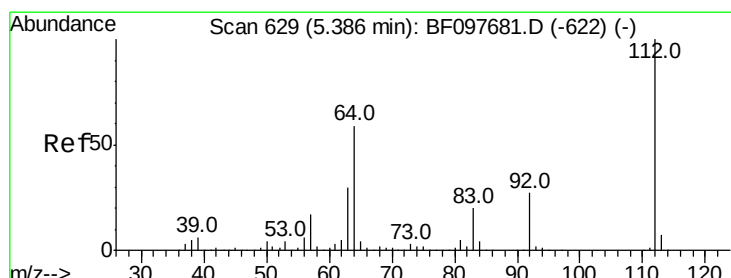
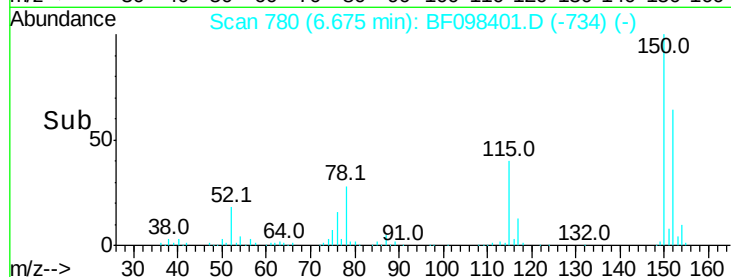
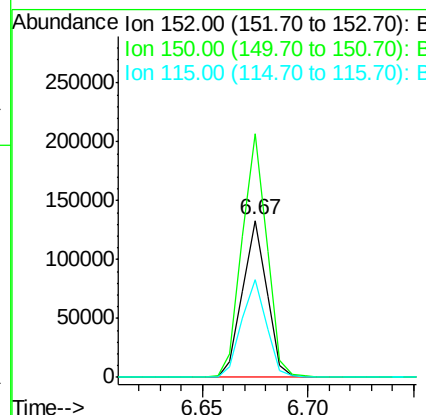
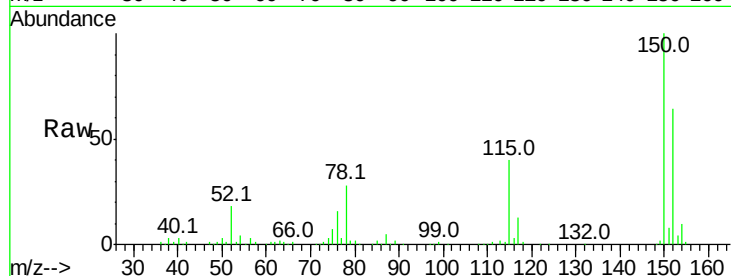
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098401.D
Acq: 9 Sep 2017 22:22

Instrument :
BNA_F
ClientSampled :
BRICK-WALL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	62.6	52.2	78.2

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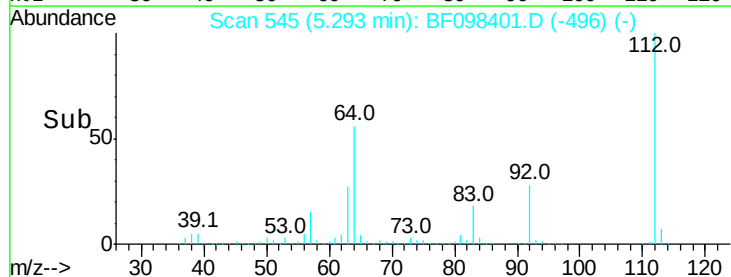
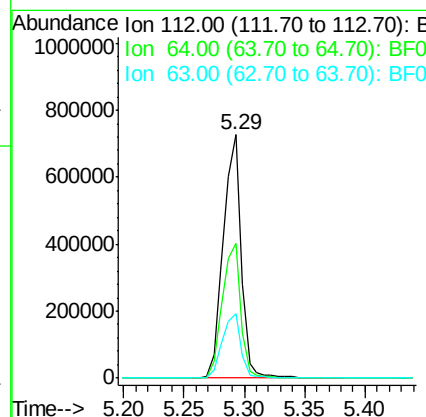
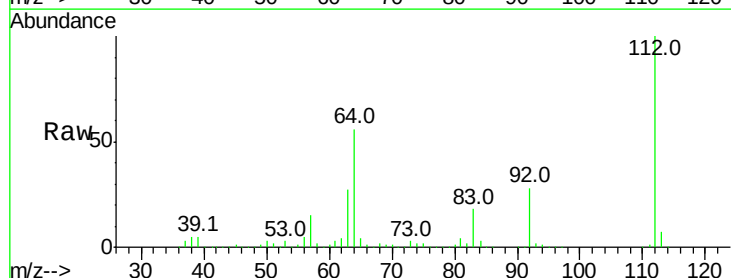
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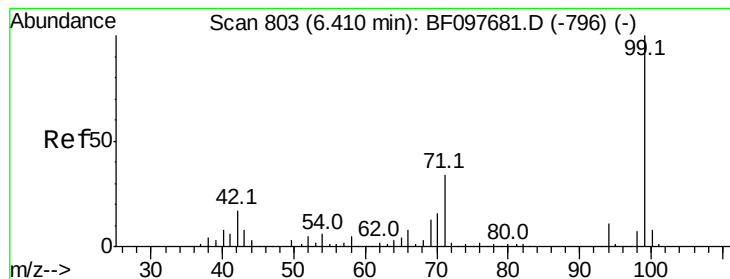


#5

2-Fluorophenol
Concen: 106.409 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098401.D
Acq: 9 Sep 2017 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	46.0	69.0
63	26.7	23.4	35.0





#7

Phenol-d6

Concen: 107.589 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098401.D

Acq: 9 Sep 2017 22:22

Instrument :

BNA_F

ClientSampled :

BRICK-WALL

Tot Ion: 99 Resp: 1021871

Ion Ratio Lower Upper

99 100

42 14.3 13.5 20.3

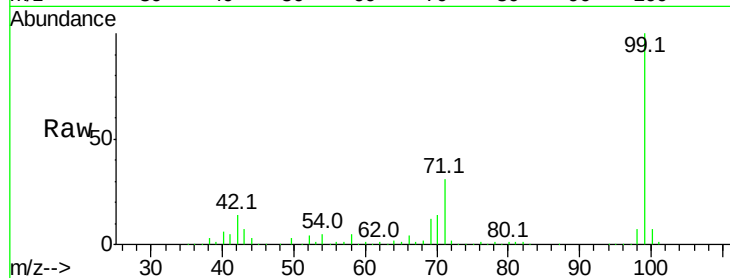
71 31.3 24.5 36.7

Manual Integrations

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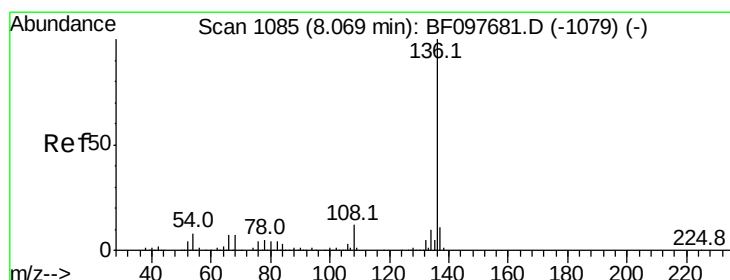
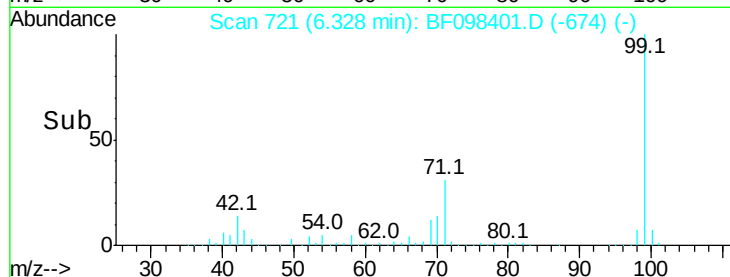
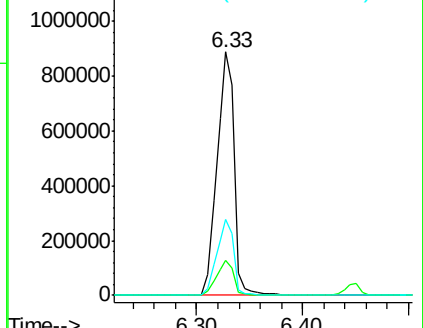
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.03 min

Lab File: BF098401.D

Acq: 9 Sep 2017 22:22

Tgt Ion: 136 Resp: 404349

Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

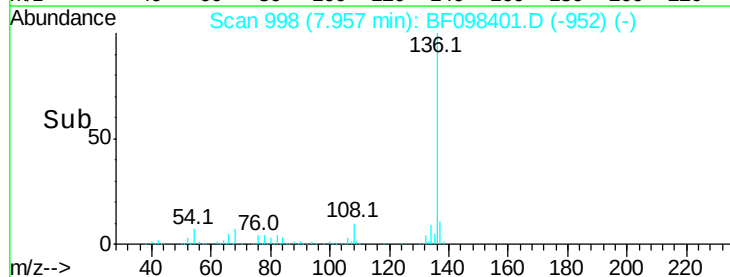
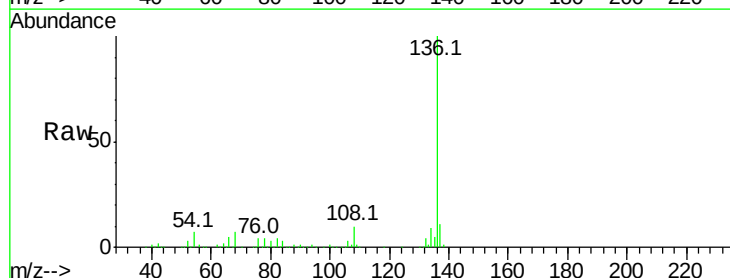
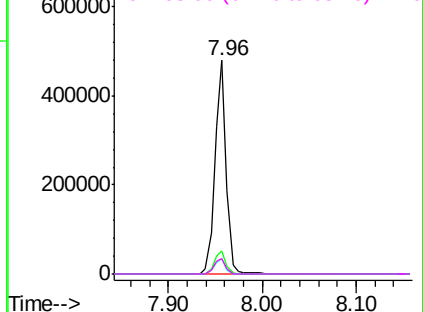
68 7.5 4.1 6.1#

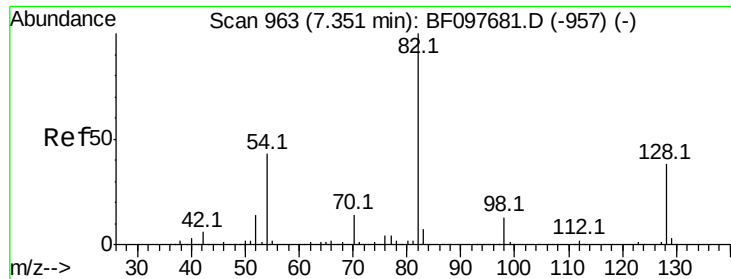
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





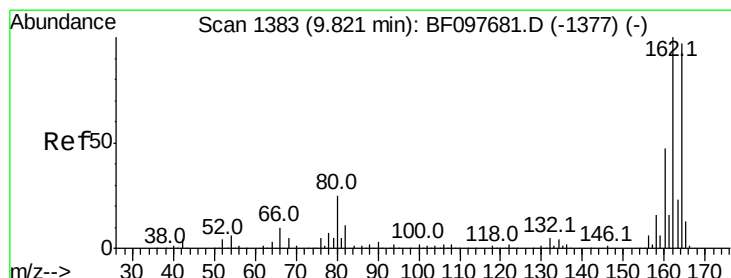
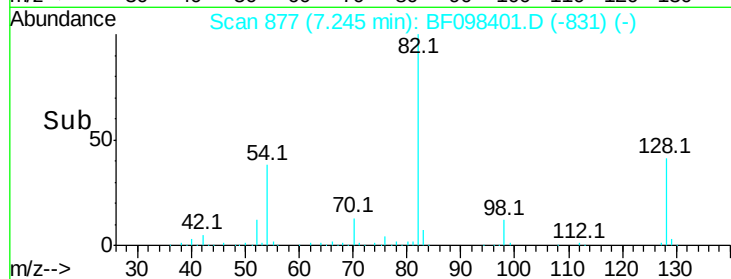
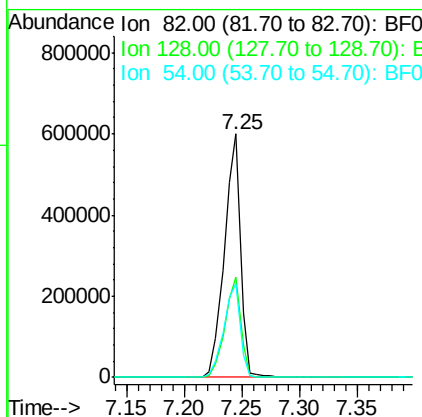
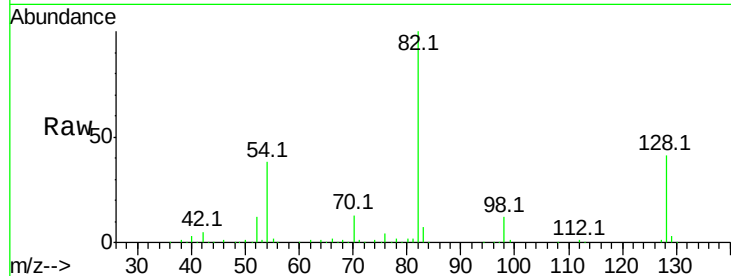
#23
 Nitrobenzene-d5
 Concen: 78.391 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.03 min
 Lab File: BF098401.D
 Acq: 9 Sep 2017 22:22

Instrument :
 BNA_F
 ClientSampleId :
 BRICK-WALL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.3	34.0	51.0	
54	38.5	42.2	63.2	

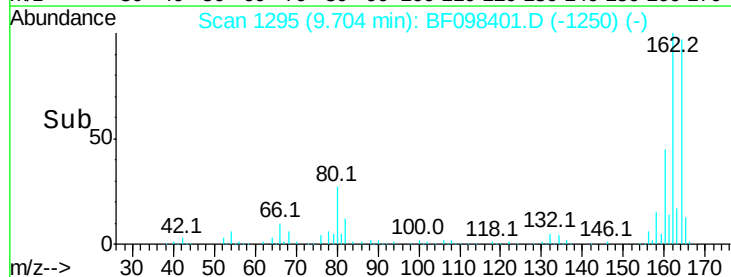
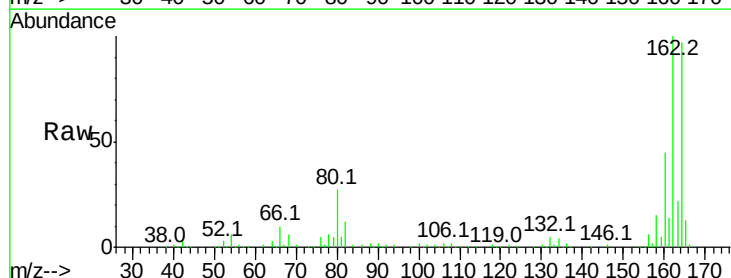
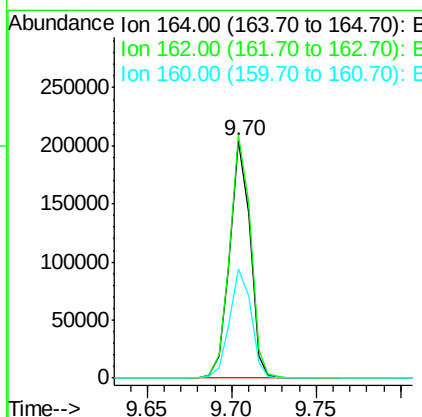
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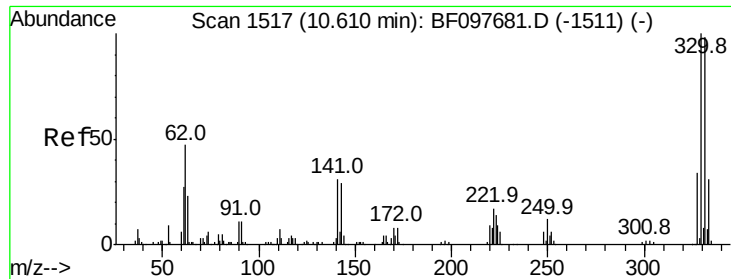
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.04 min
 Lab File: BF098401.D
 Acq: 9 Sep 2017 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	82.6	123.8	
160	46.2	36.2	54.2	





#41

2,4,6-Tribromophenol

Concen: 111.948 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BF098401.D

Acq: 9 Sep 2017 22:22

Instrument :

BNA_F

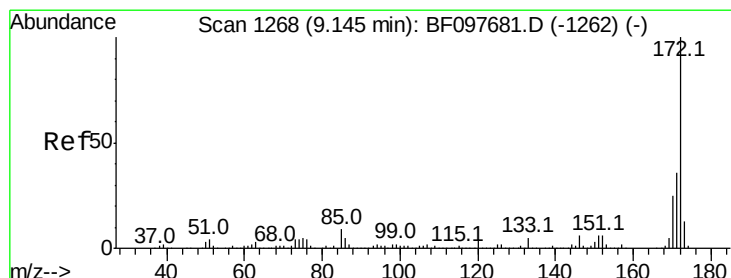
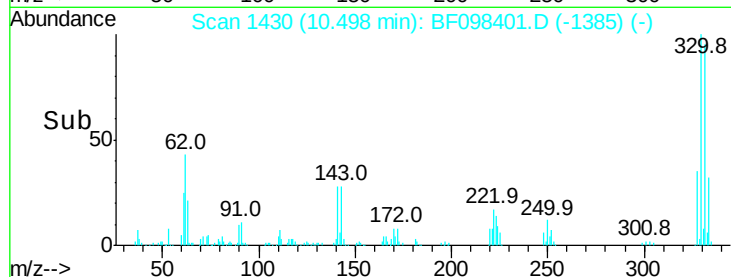
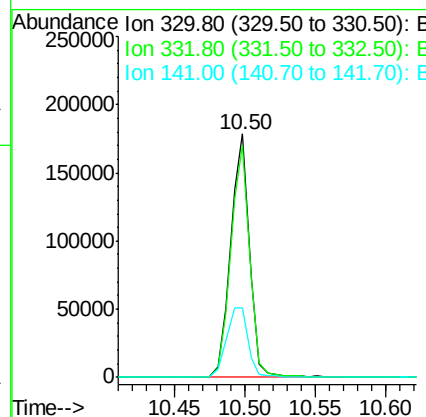
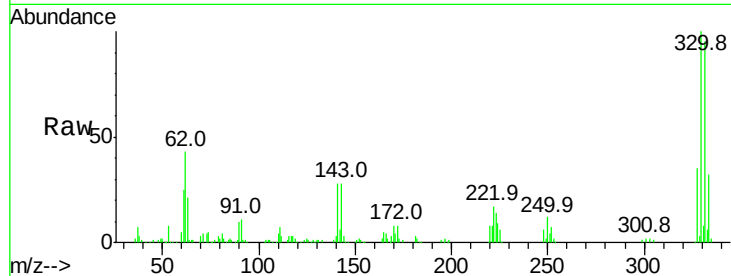
ClientSampleId :

BRICK-WALL

Tot Ion:	330	Resp:	166098
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.6	115.0
141	33.6	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 77.583 ng

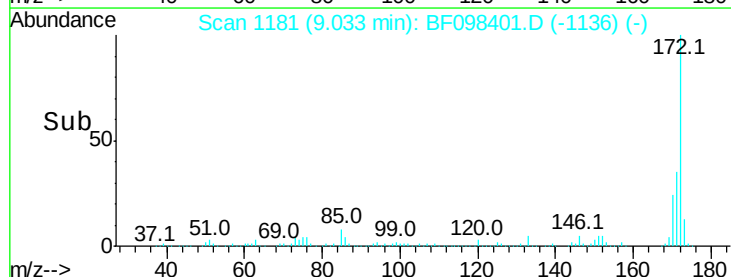
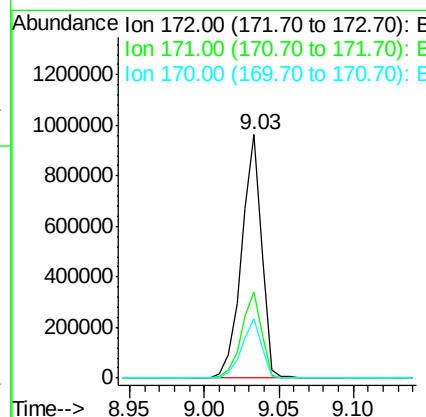
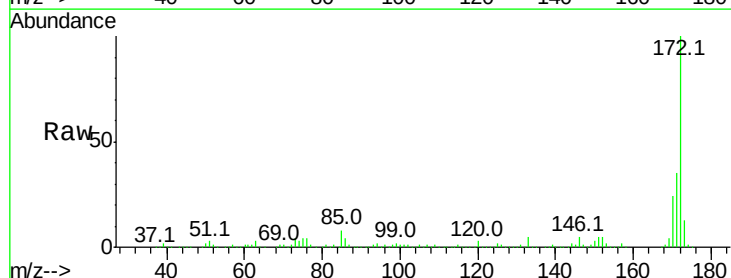
RT: 9.03 min Scan# 1181

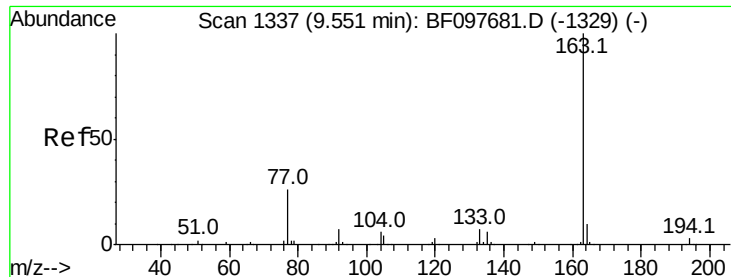
Delta R.T. -0.04 min

Lab File: BF098401.D

Acq: 9 Sep 2017 22:22

Tgt Ion:	172	Resp:	902993
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.6	44.4
170	24.3	19.8	29.8





#49

Dimethylphthalate

Concen: 10.320 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.05 min

Lab File: BF098401.D

Acq: 9 Sep 2017 22:22

Instrument :

BNA_F

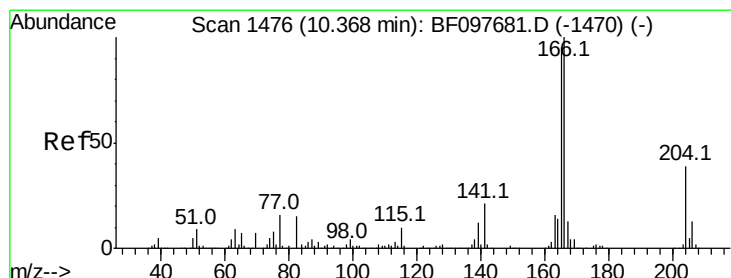
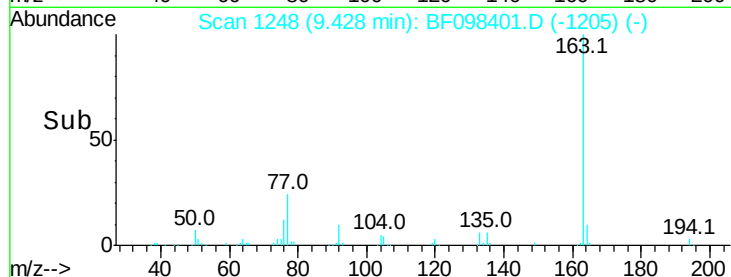
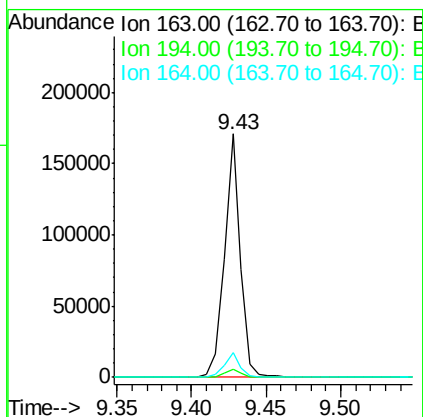
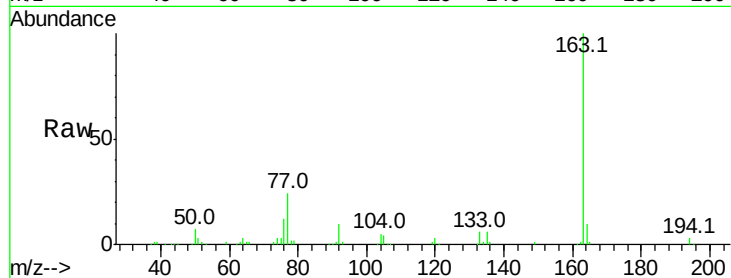
ClientSampleId :

BRICK-WALL

Tot Ion:	163	Resp:	128994
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.2	8.4	12.6

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#57

Fluorene

Concen: 2.609 ng

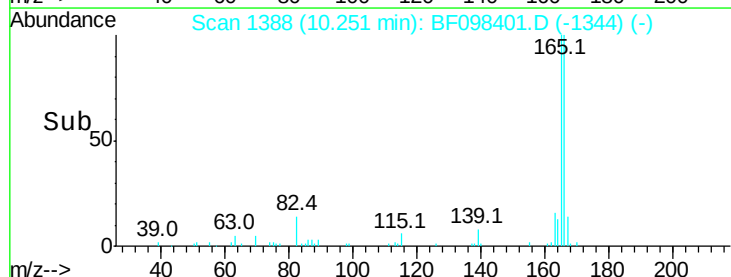
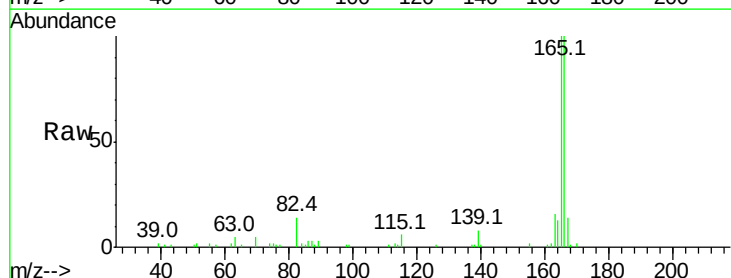
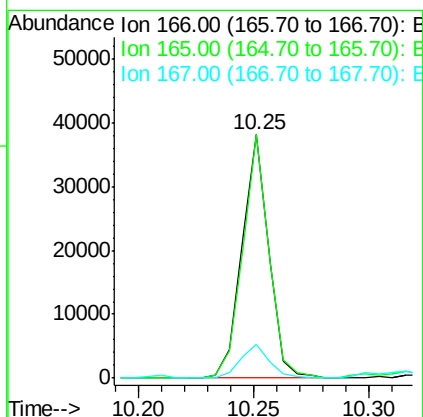
RT: 10.25 min Scan# 1388

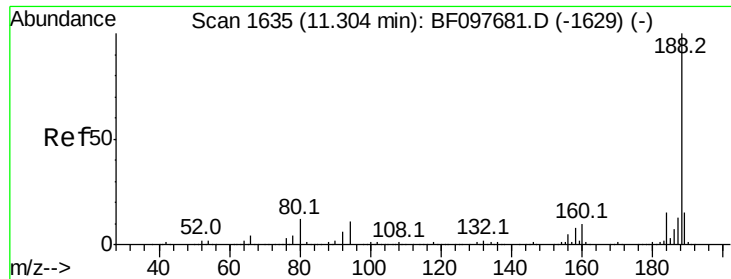
Delta R.T. -0.04 min

Lab File: BF098401.D

Acq: 9 Sep 2017 22:22

Tgt Ion:	166	Resp:	30844
Ion Ratio	Lower	Upper	
166	100		
165	99.9	78.8	118.2
167	13.8	10.6	16.0





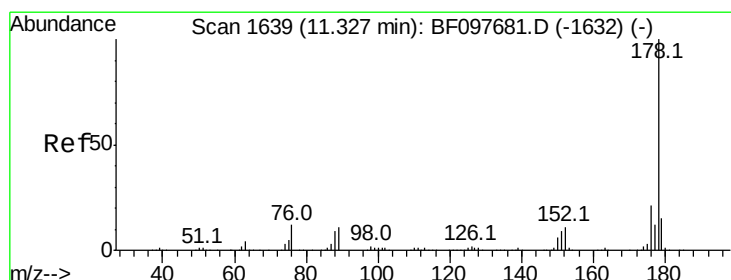
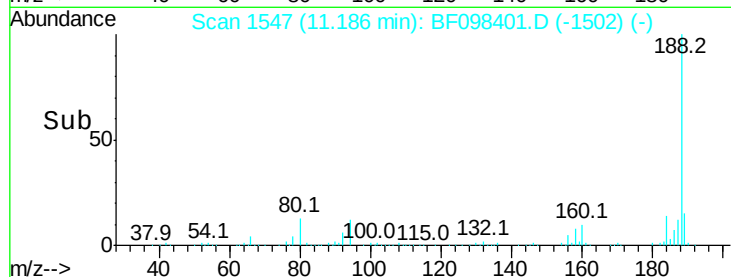
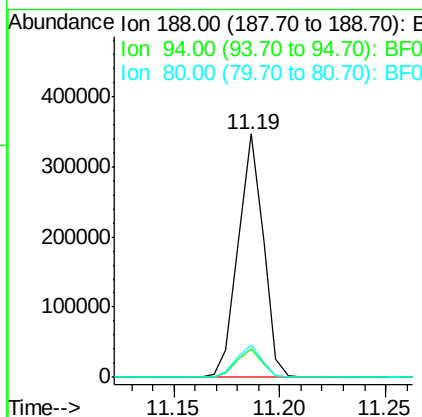
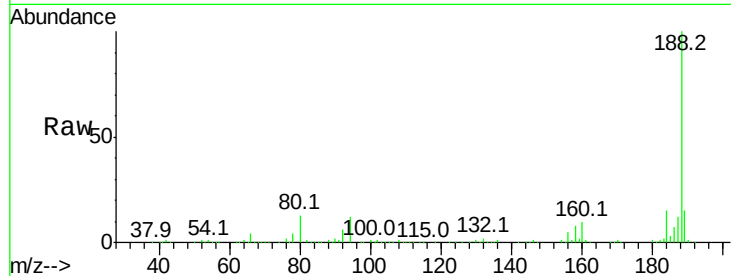
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF098401.D
Acq: 9 Sep 2017 22:22

Instrument :
BNA_F
ClientSampleId :
BRICK-WALL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	286017		
94	11.9		9.4	14.2
80	13.3		10.2	15.2

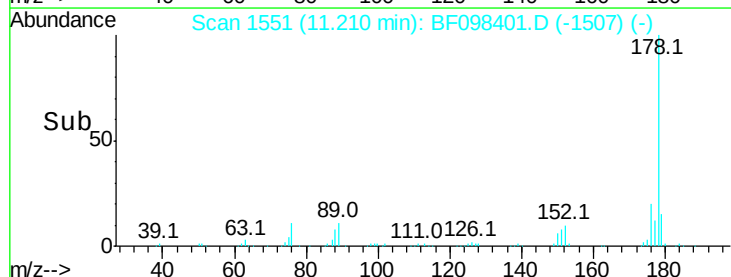
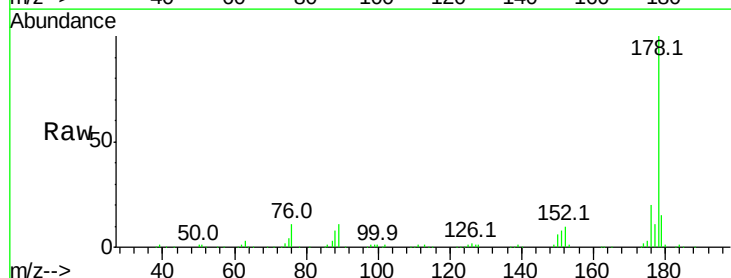
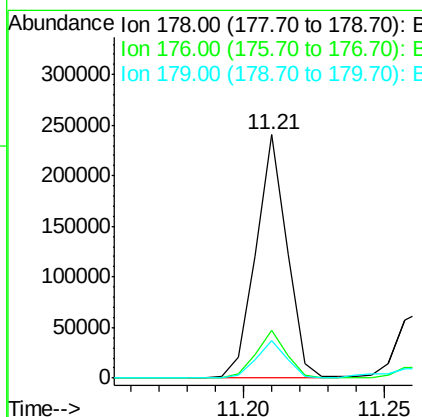
Manual Integrations
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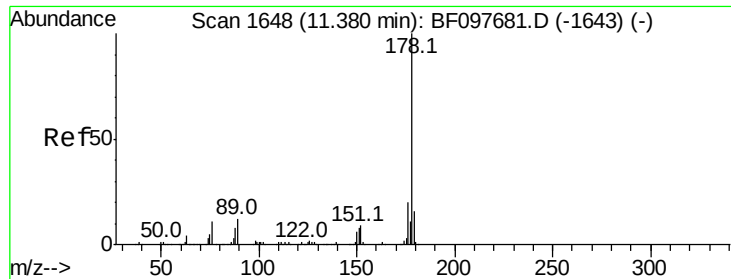
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#70
Phenanthrene
Concen: 12.105 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF098401.D
Acq: 9 Sep 2017 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	184486		
176	19.5		16.2	24.4
179	15.4		12.6	19.0





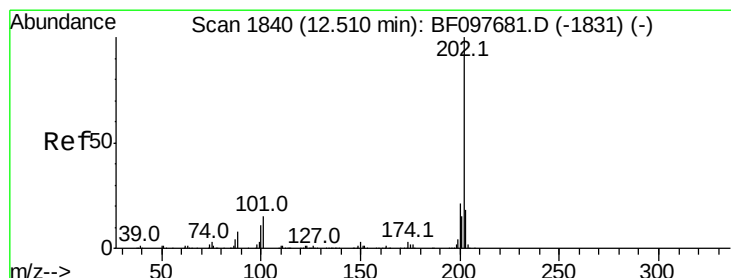
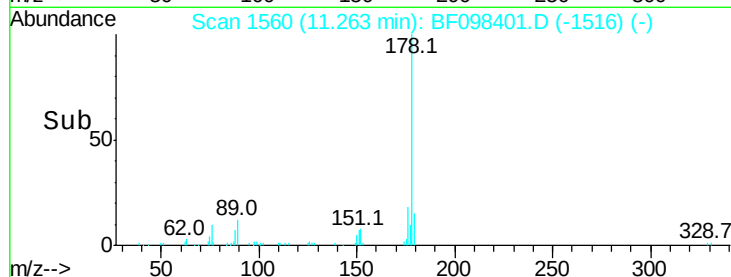
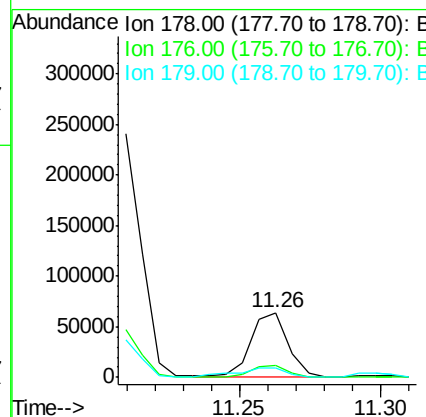
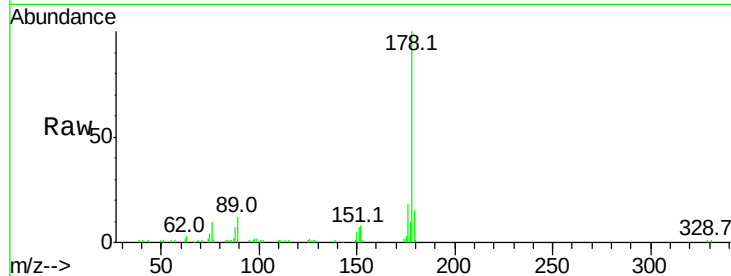
#71
 Anthracene
 Concen: 3.714 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.04 min
 Lab File: BF098401.D
 Acq: 9 Sep 2017 22:22

Instrument :
 BNA_F
 ClientSampleId :
 BRICK-WALL

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.8	23.8
179	15.4	12.7	19.1

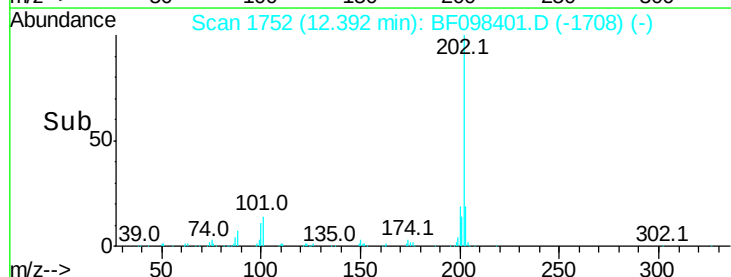
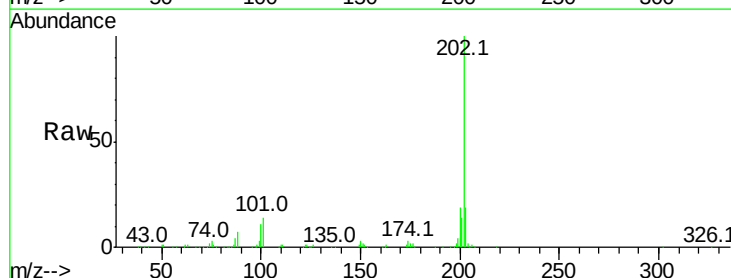
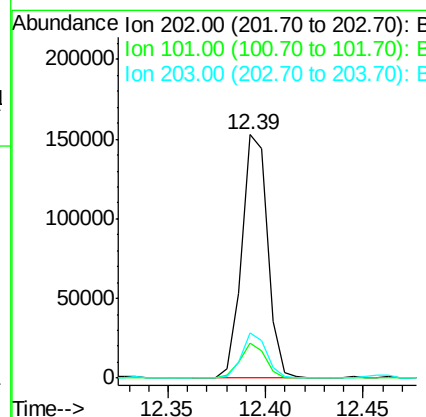
Manual Integrations
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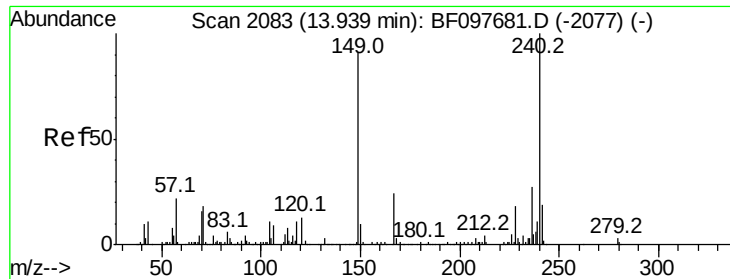
Sohil
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#74
 Fluoranthene
 Concen: 8.883 ng
 RT: 12.39 min Scan# 1752
 Delta R.T. -0.04 min
 Lab File: BF098401.D
 Acq: 9 Sep 2017 22:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF098401.D

Acq: 9 Sep 2017 22:22

Instrument :

BNA_F

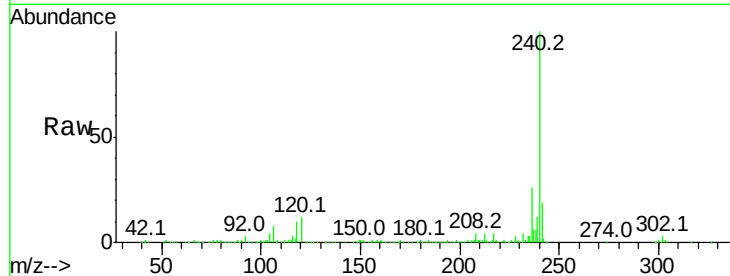
ClientSampleId :

BRICK-WALL

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.8	8.8#
236	26.0	20.5	30.7

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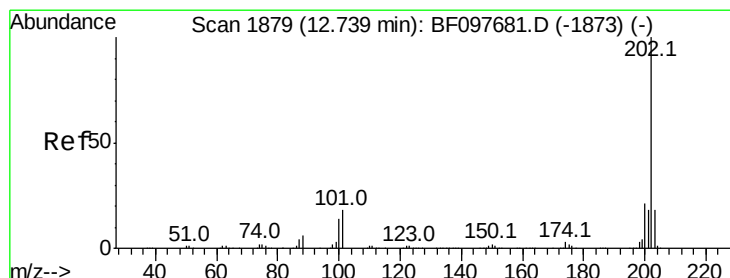
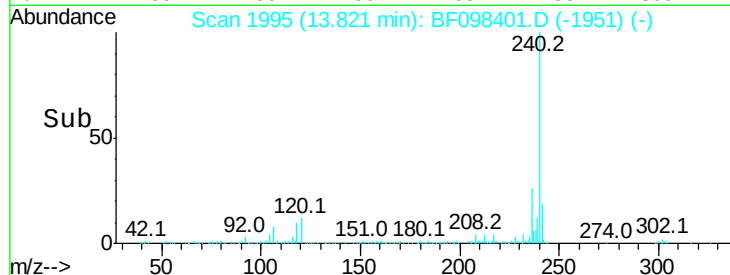
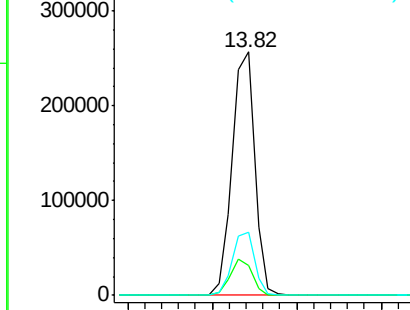
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.887 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.04 min

Lab File: BF098401.D

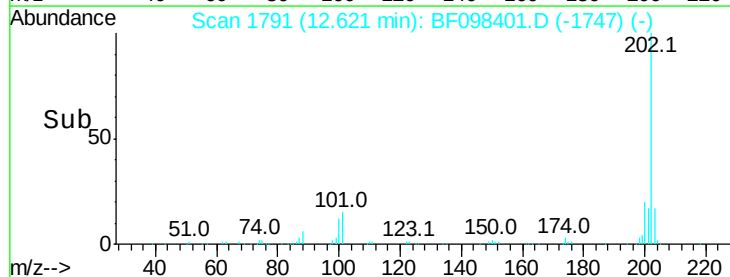
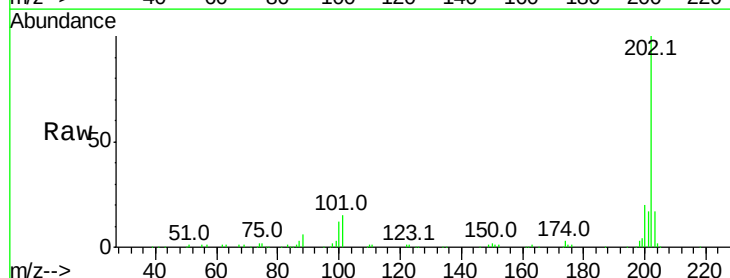
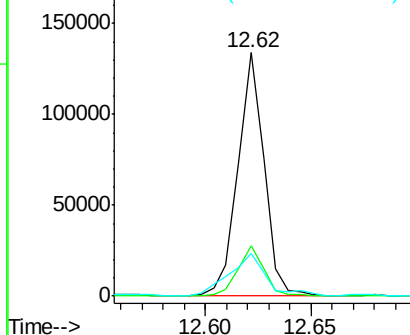
Acq: 9 Sep 2017 22:22

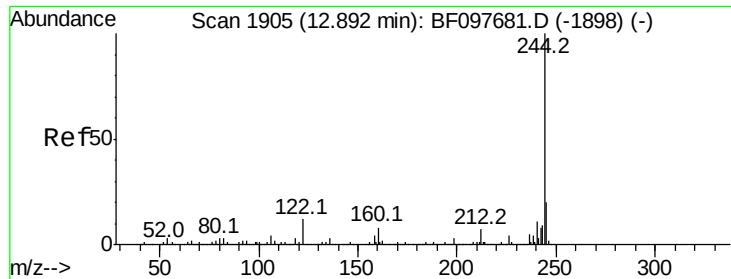
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	17.3	14.4	21.6

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





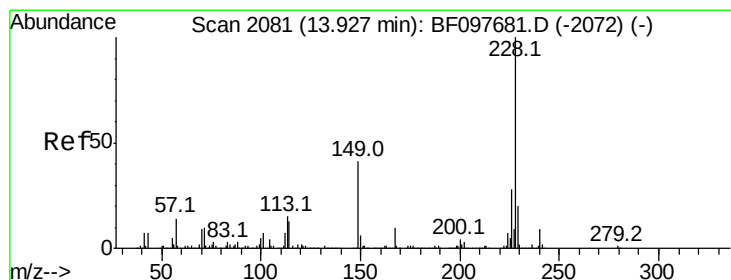
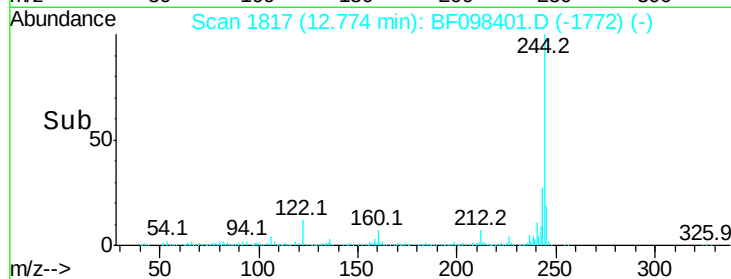
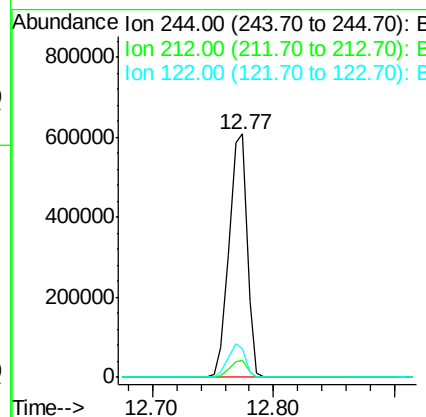
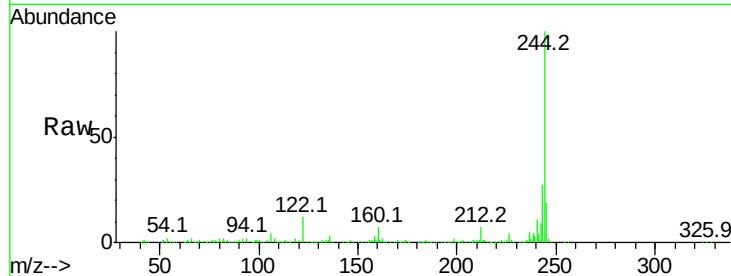
#78
 Terphenyl-d14
 Concen: 54.917 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.04 min
 Lab File: BF098401.D
 Acq: 9 Sep 2017 22:22

Instrument :
 BNA_F
 ClientSampleId :
 BRICK-WALL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.9	10.3	15.5

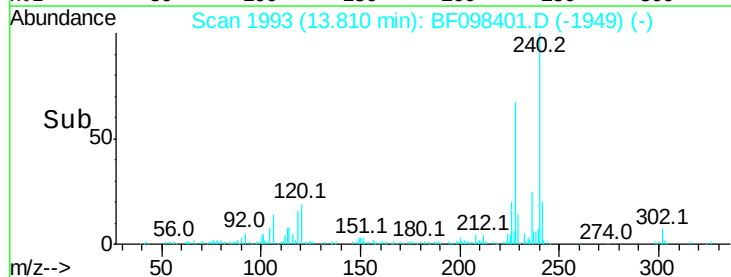
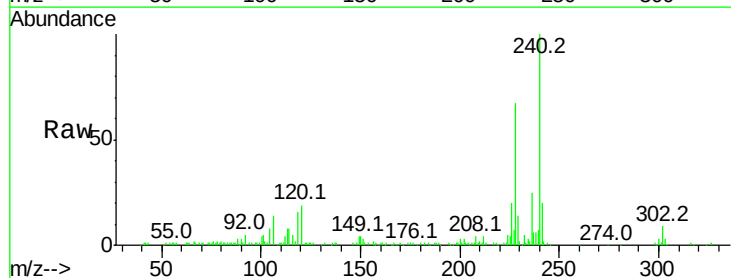
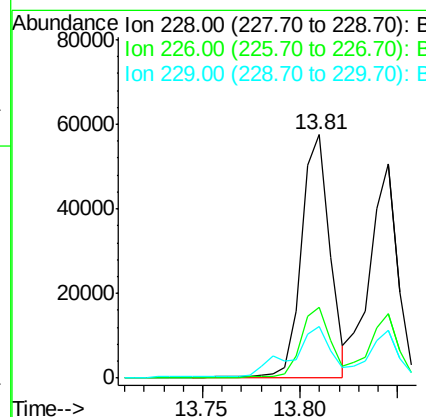
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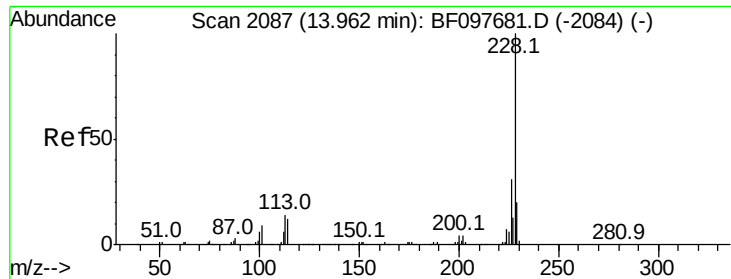
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#80
 Benzo(a)anthracene
 Concen: 4.080 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.04 min
 Lab File: BF098401.D
 Acq: 9 Sep 2017 22:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	21.1	16.3	24.5





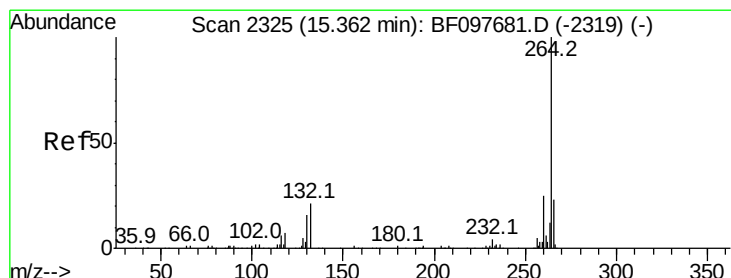
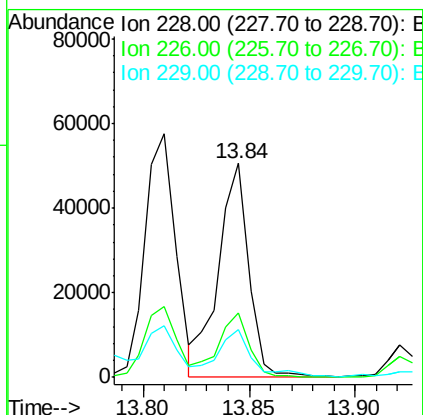
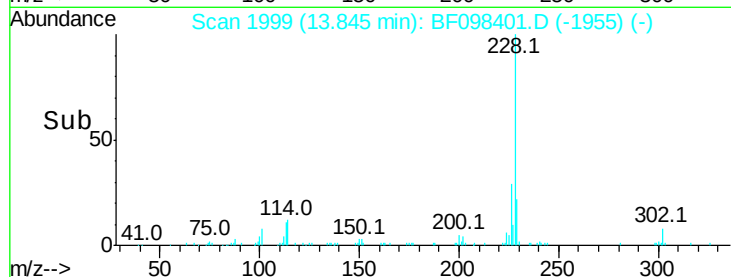
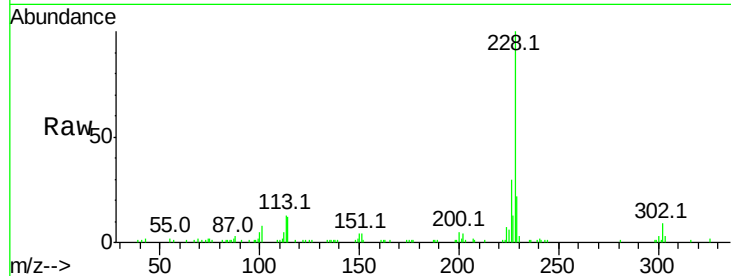
#82
Chrysene
Concen: 3.557 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.04 min
Lab File: BF098401.D
Acq: 9 Sep 2017 22:22

Instrument :
BNA_F
ClientSampleId :
BRICK-WALL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	22.3	15.8	23.6

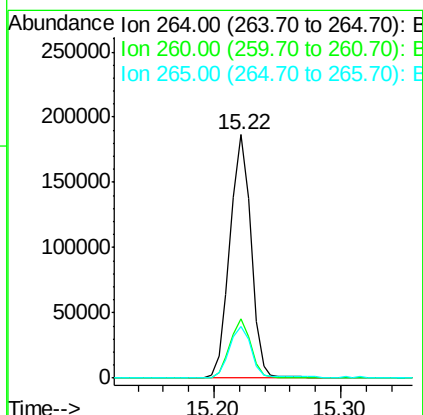
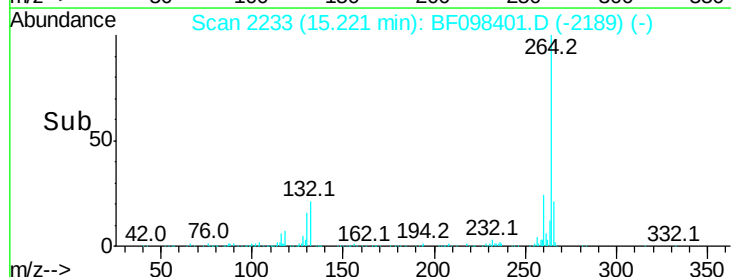
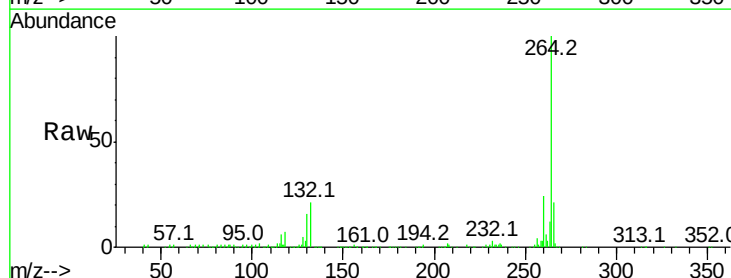
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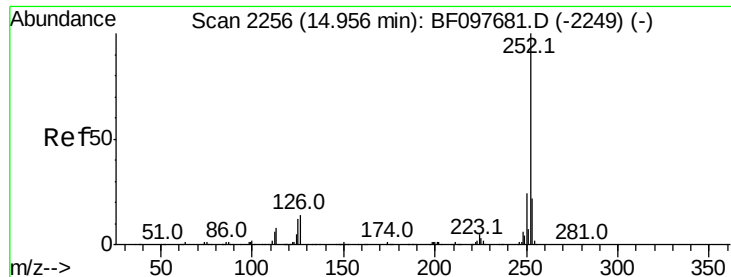
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF098401.D
Acq: 9 Sep 2017 22:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.9	17.2	25.8





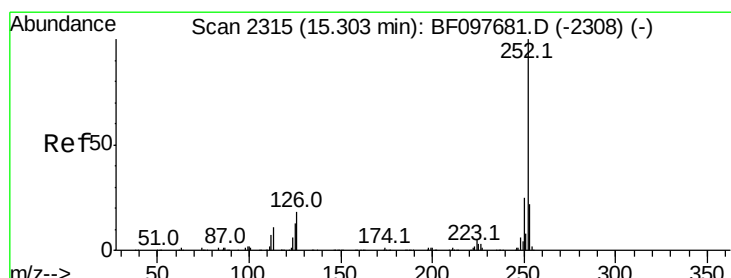
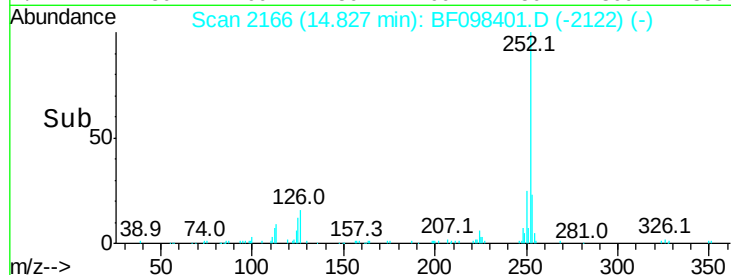
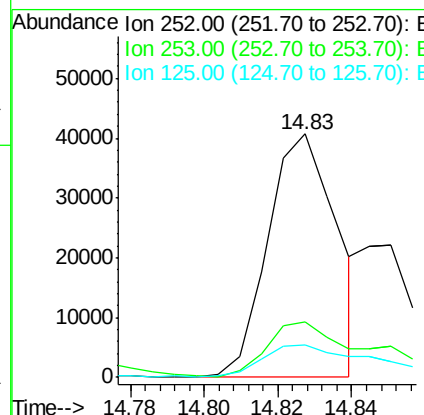
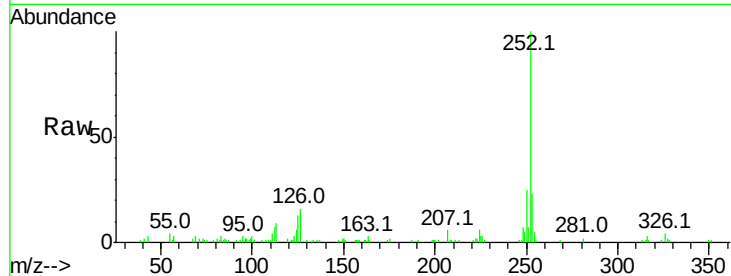
#87
Benzo(b)fluoranthene
Concen: 3.892 ng m
RT: 14.83 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BF098401.D
Acq: 9 Sep 2017 22:22

Instrument :
BNA_F
ClientSampleId :
BRICK-WALL

Tot Ion:252	Resp:	52749
Ion Ratio	Lower	Upper
252	100	
253	22.5	18.1 27.1
125	13.3	9.8 14.8

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 3.348 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.05 min
Lab File: BF098401.D
Acq: 9 Sep 2017 22:22

Tgt Ion:252	Resp:	40166
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.5 26.3
125	12.9	11.0 16.4

