

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098361.D
 Acq On : 8 Sep 2017 20:11
 Operator : SJ/JU
 Sample : I5126-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-090617

Manual Integrations
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Sohil
 9/11/2017 4:47:44 PM

Quant Time: Sep 09 02:20:40 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	108904	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	394079	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	149819	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	234380	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	241256	20.00	ng	-0.03
86) Perylene-d12	15.24	264	196922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	630035	88.00	ng	-0.01
7) Phenol-d6	6.33	99	833614	85.69	ng	-0.02
23) Nitrobenzene-d5	7.25	82	485276	66.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	116600	89.70	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	735103	72.09	ng	-0.02
78) Terphenyl-d14	12.79	244	493781	42.68	ng	-0.02
Target Compounds						
10) Phenol	6.34	94	31969	2.810	ng	87
49) Dimethylphthalate	9.44	163	111021	10.138	ng	97
70) Phenanthrene	11.22	178	31153	2.494	ng	98
74) Fluoranthene	12.41	202	78353	6.010	ng	98
77) Pyrene	12.63	202	67986	3.445	ng	98
80) Benzo(a)anthracene	13.82	228	37588	2.600	ng	97
82) Chrysene	13.86	228	35958	2.500	ng	97
87) Benzo(b)fluoranthene	14.84	252	47601m	3.835	ng	
89) Benzo(a)pyrene	15.18	252	28323	2.577	ng	# 95

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

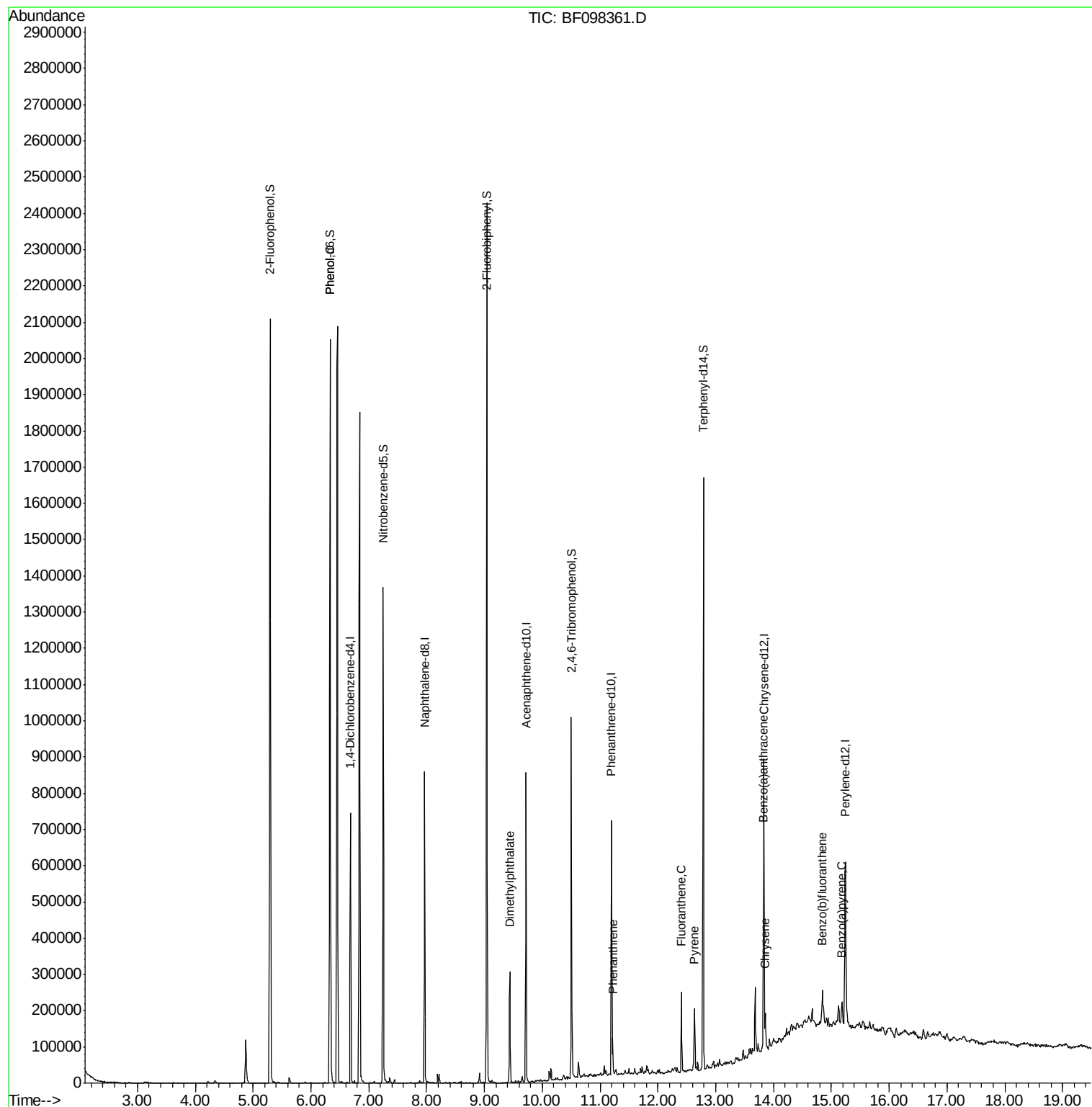
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098361.D
Acq On : 8 Sep 2017 20:11
Operator : SJ/JU
Sample : I5126-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

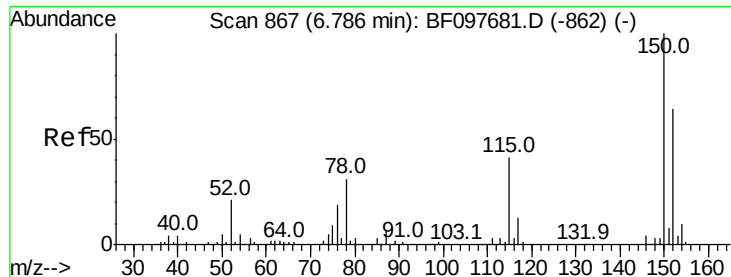
Instrument :
BNA_F
ClientSampleId :
TR-05-090617

Manual Integrations
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9/11/2017 4:47:44 PM

Quant Time: Sep 09 02:20:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

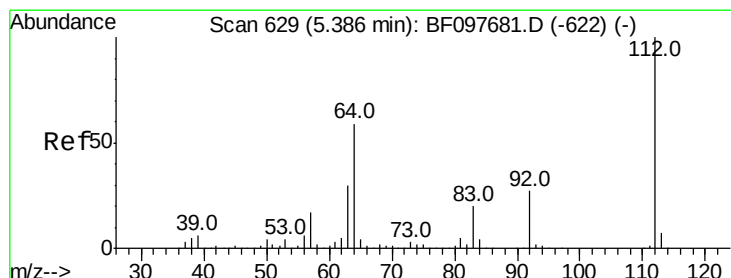
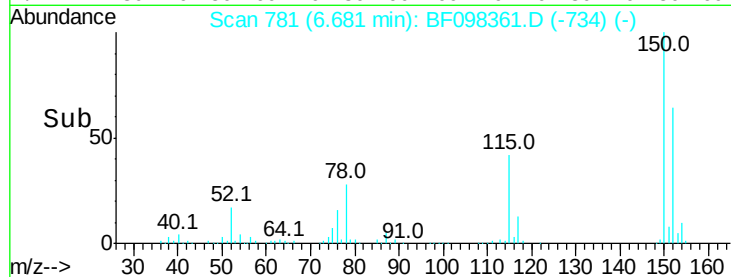
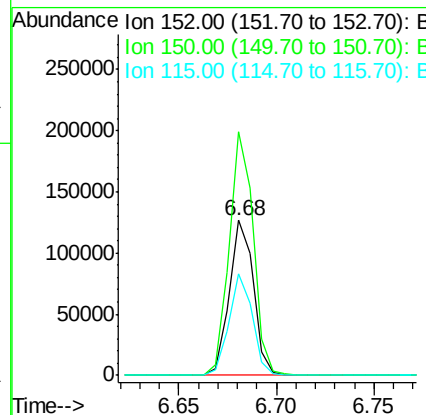
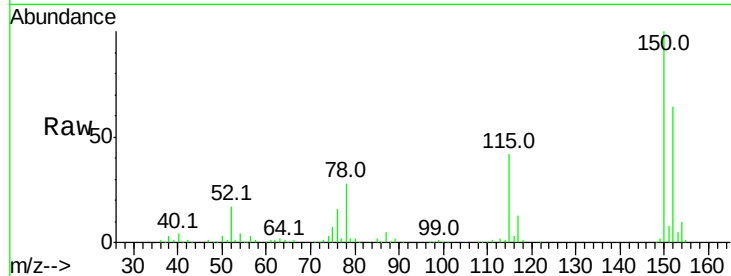
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Instrument :
BNA_F
ClientSampled :
TR-05-090617

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	65.3	52.2	78.2

Manual Integrations
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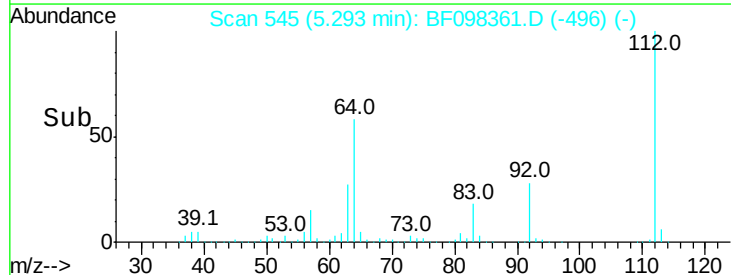
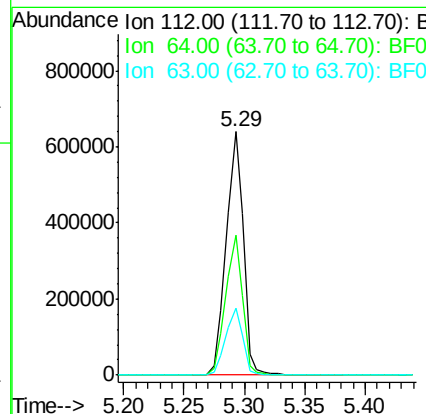
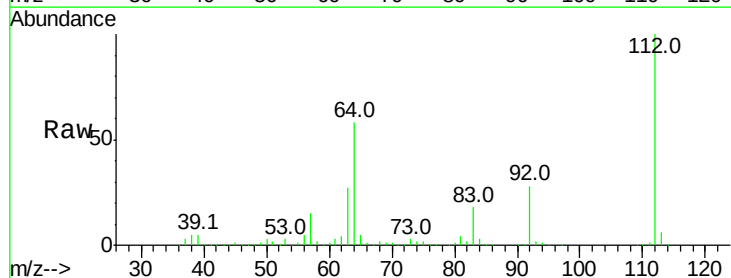
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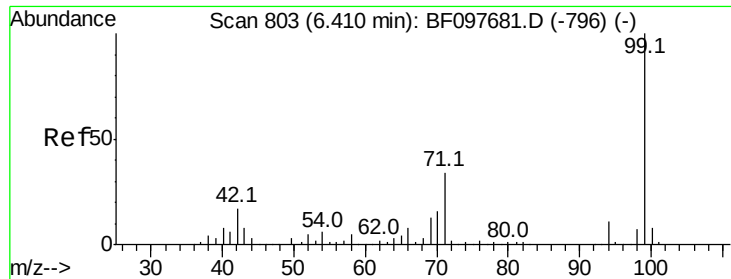


#5

2-Fluorophenol
Concen: 87.998 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.0	69.0
63	27.4	23.4	35.0





#7

Phenol-d6

Concen: 85.693 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098361.D

Acq: 8 Sep 2017 20:11

Instrument :

BNA_F

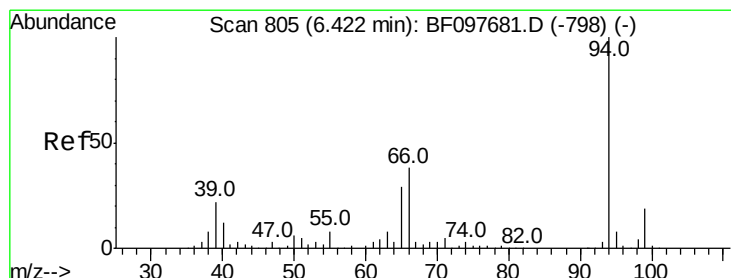
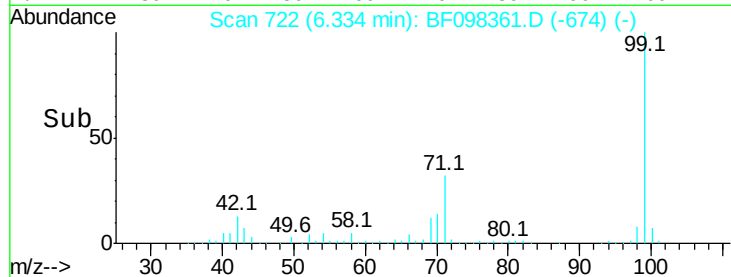
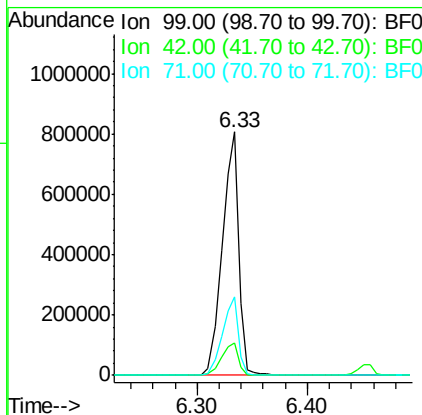
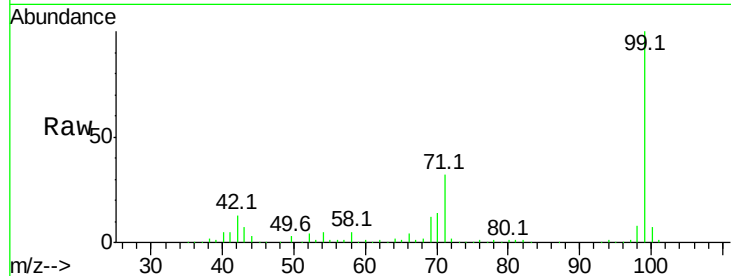
ClientSampled :

TR-05-090617

Tot Ion:	99	Resp:	833614
Ion Ratio	Lower	Upper	
99	100		
42	13.5	13.5	20.3#
71	32.1	24.5	36.7

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#10

Phenol

Concen: 2.810 ng

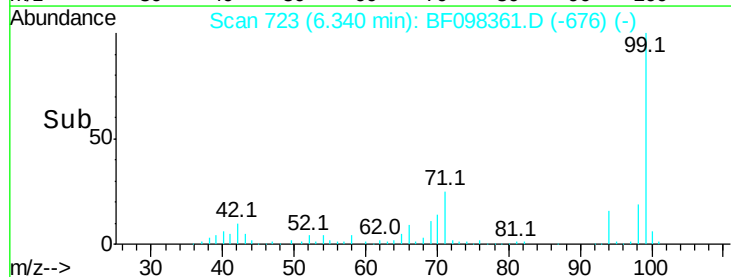
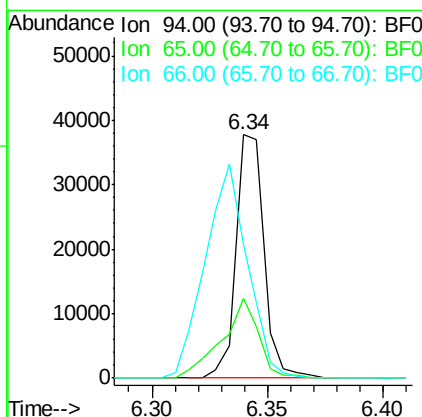
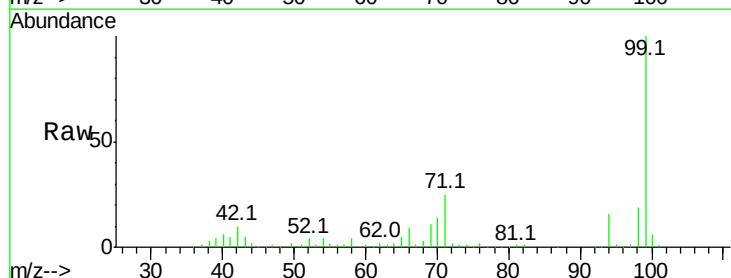
RT: 6.34 min Scan# 723

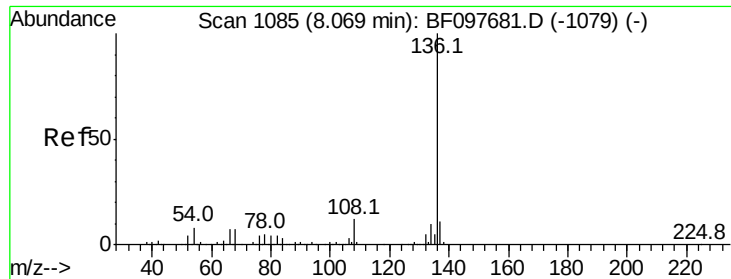
Delta R.T. -0.02 min

Lab File: BF098361.D

Acq: 8 Sep 2017 20:11

Tgt Ion:	94	Resp:	31969
Ion Ratio	Lower	Upper	
94	100		
65	32.7	9.9	49.9
66	54.8	23.1	63.1





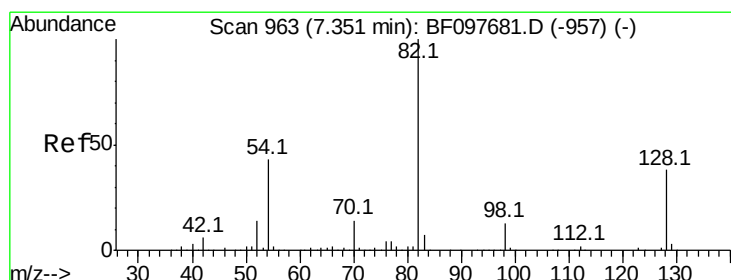
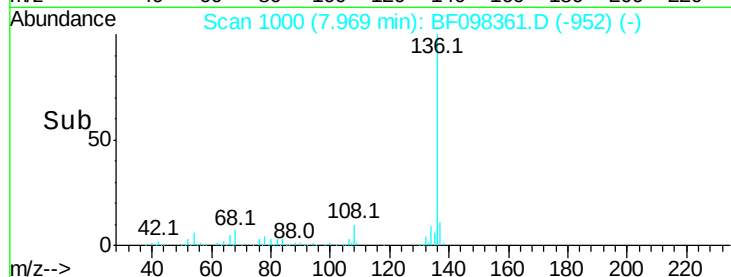
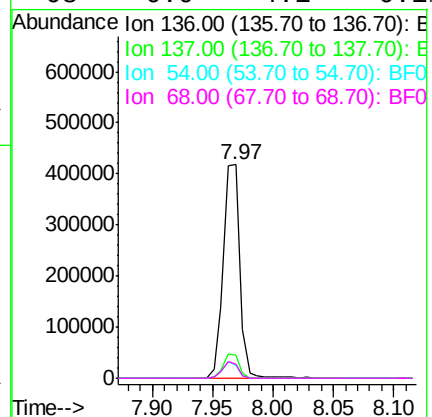
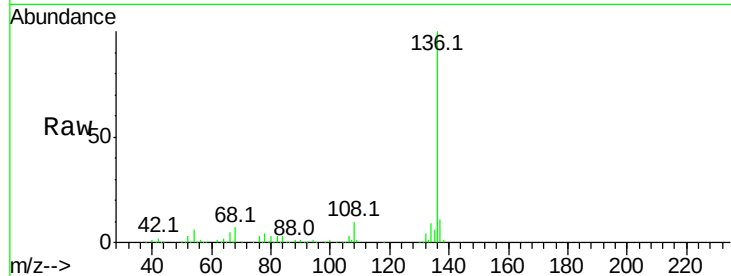
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TR-05-090617

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	6.2	4.9	7.3	
68	6.9	4.1	6.1#	

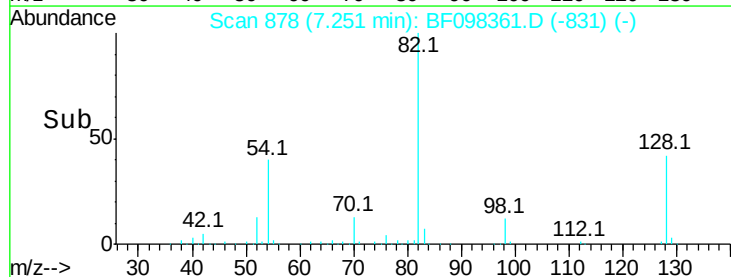
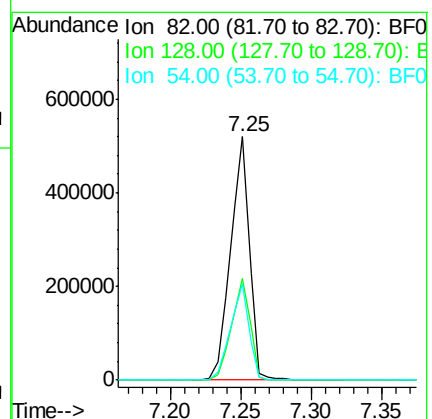
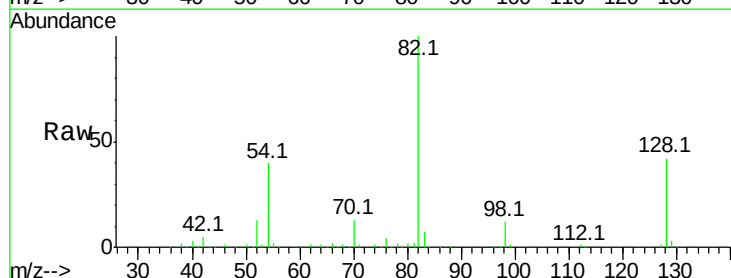
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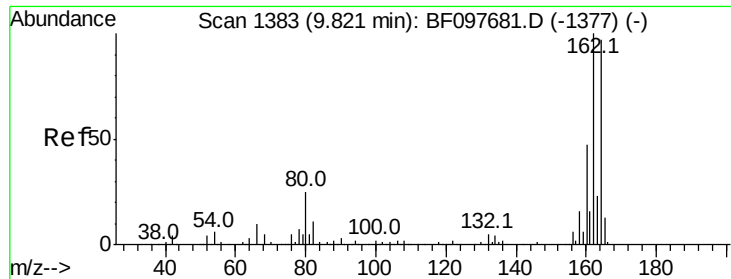
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#23
Nitrobenzene-d5
Concen: 66.896 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.8	34.0	51.0	
54	39.7	42.2	63.2#	





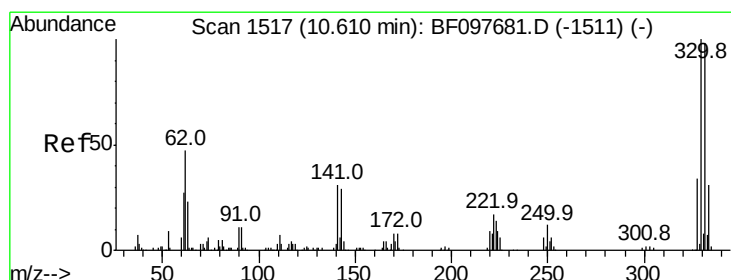
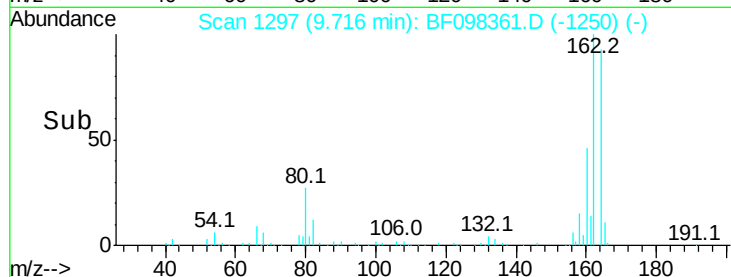
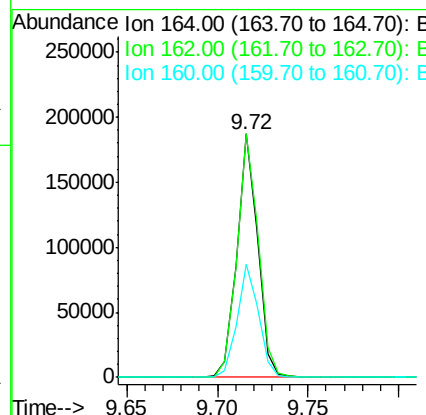
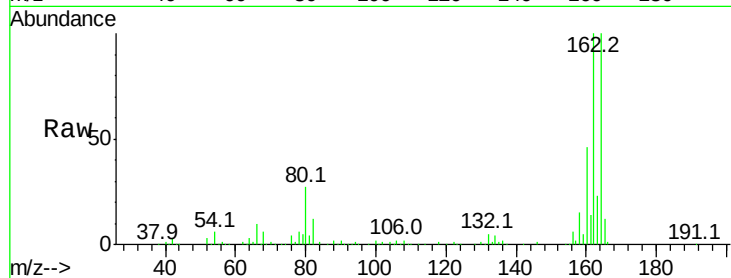
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TR-05-090617

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.0	82.6	123.8	
160	46.3	36.2	54.2	

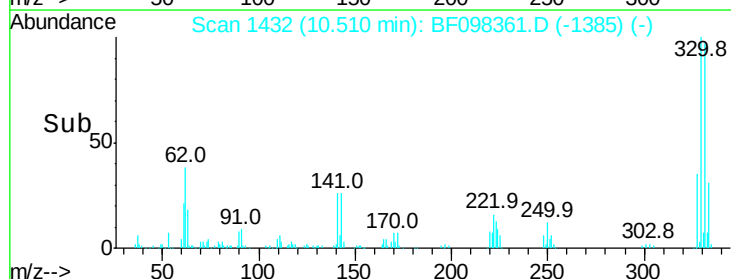
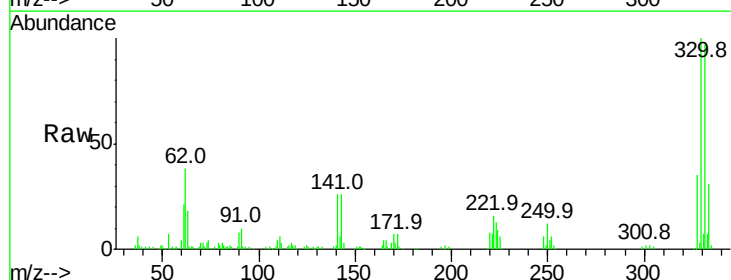
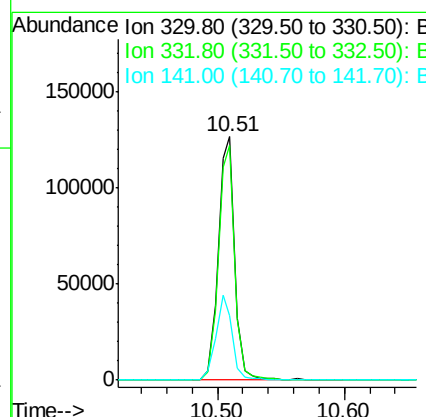
Manual Integrations
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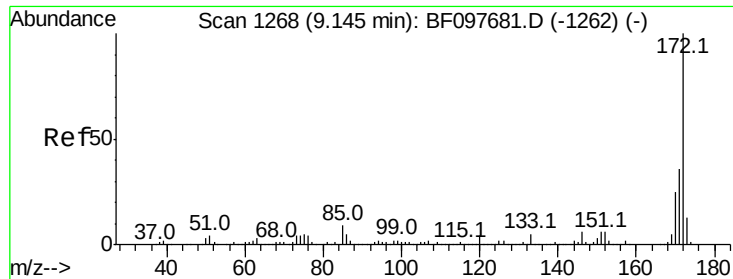
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#41
2,4,6-Tribromophenol
Concen: 89.698 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.6	115.0	
141	34.6	31.4	47.2	





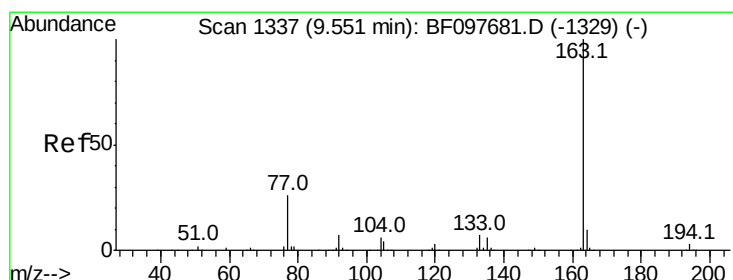
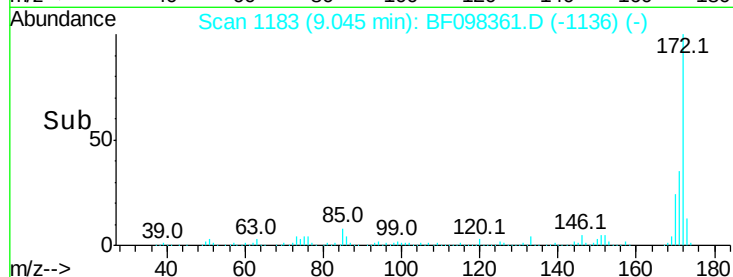
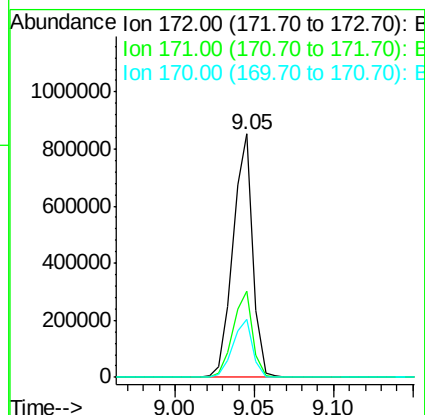
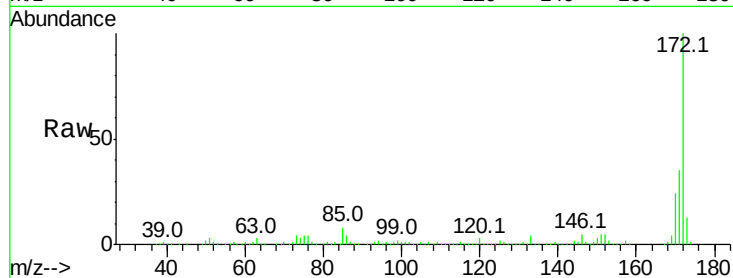
#44
2-Fluorobiphenyl
Concen: 72.088 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TR-05-090617

Tot Ion	Ratio	Resp	Lower	Upper
172	100	735103		
171	35.3		29.6	44.4
170	23.7		19.8	29.8

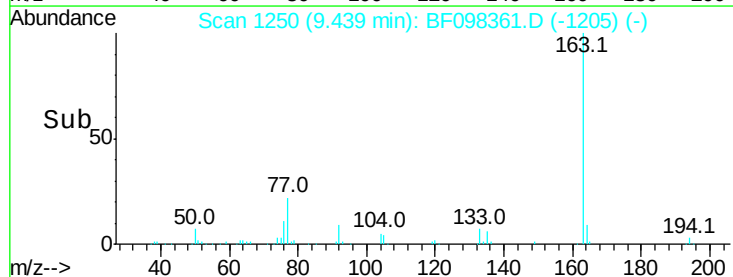
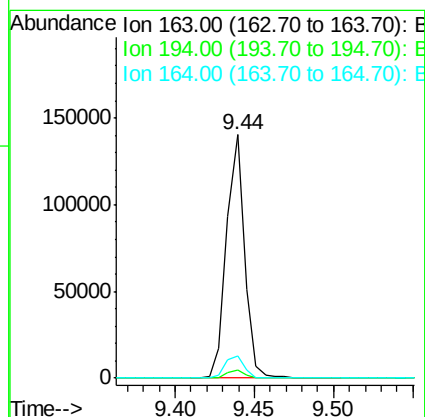
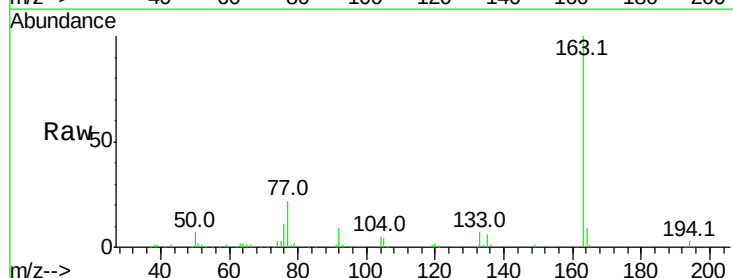
Manual Integrations
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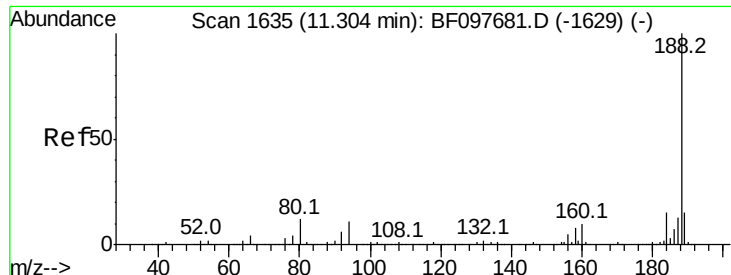
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#49
Dimethylphthalate
Concen: 10.138 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	111021		
194	3.4		2.6	4.0
164	9.0		8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BF098361.D

Acq: 8 Sep 2017 20:11

Instrument :

BNA_F

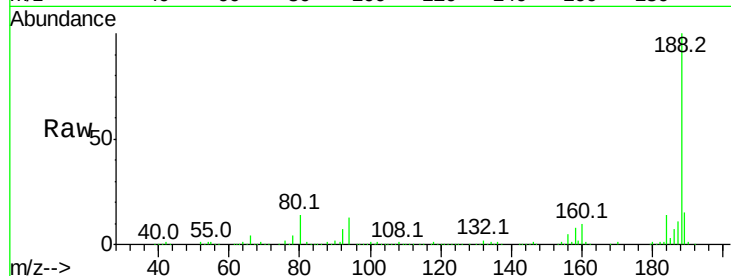
ClientSampleId :

TR-05-090617

Tot Ion:	188	Resp:	234380
Ion Ratio	Lower	Upper	
188	100		
94	12.7	9.4	14.2
80	14.1	10.2	15.2

Manual Integrations
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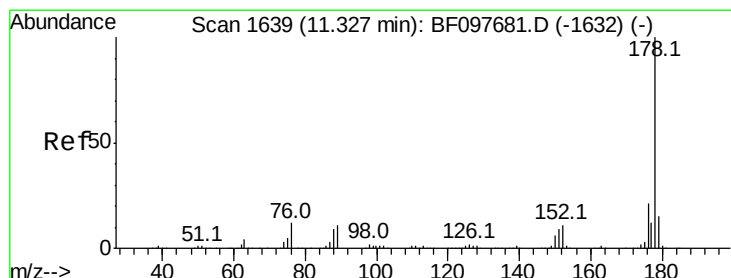
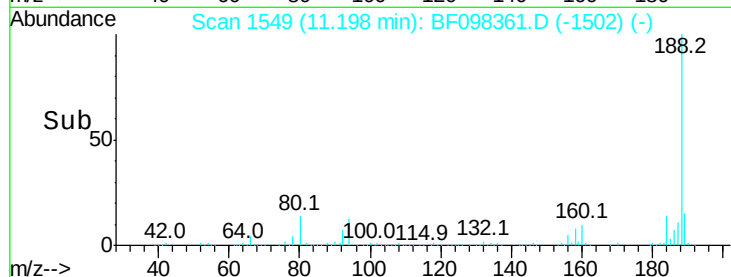
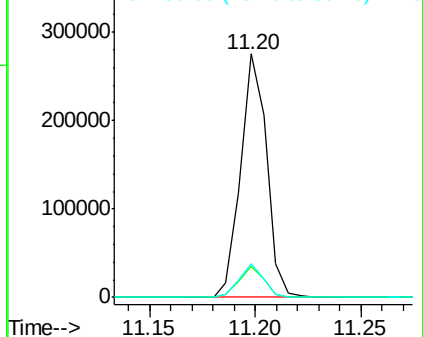
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 2.494 ng

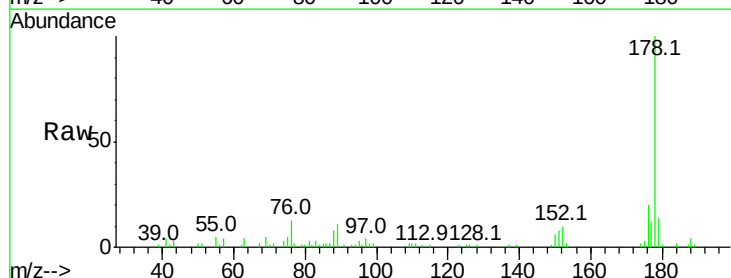
RT: 11.22 min Scan# 1553

Delta R.T. -0.03 min

Lab File: BF098361.D

Acq: 8 Sep 2017 20:11

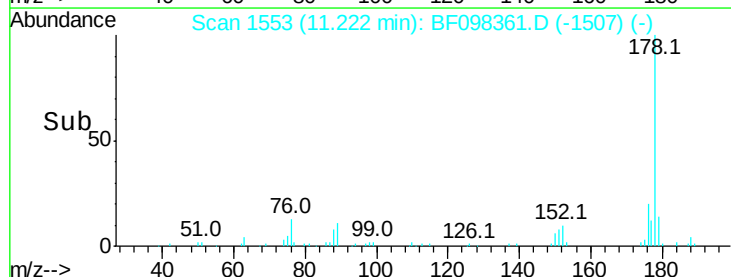
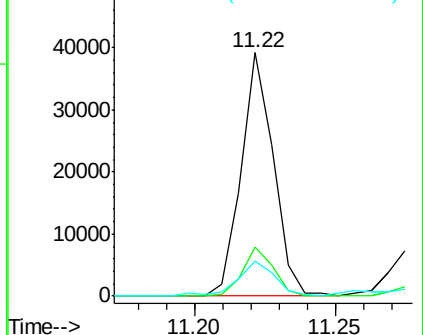
Tgt Ion:	178	Resp:	31153
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.2	24.4
179	14.3	12.6	19.0

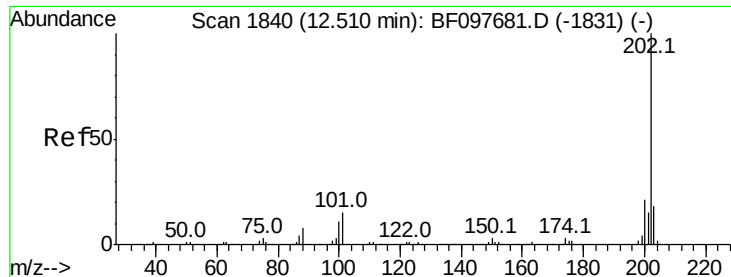


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





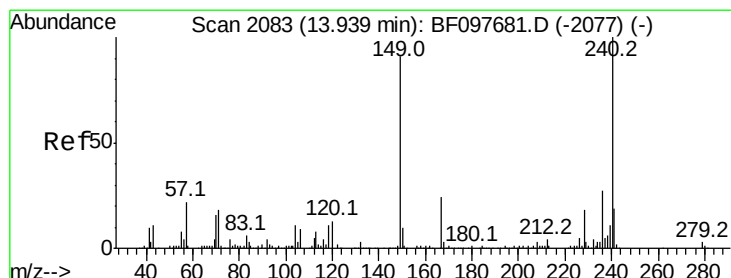
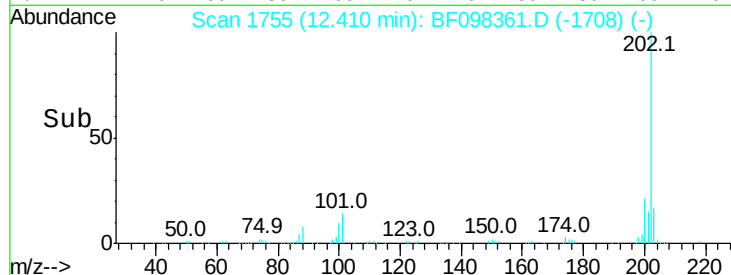
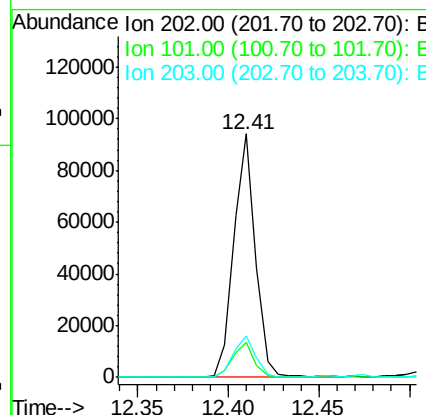
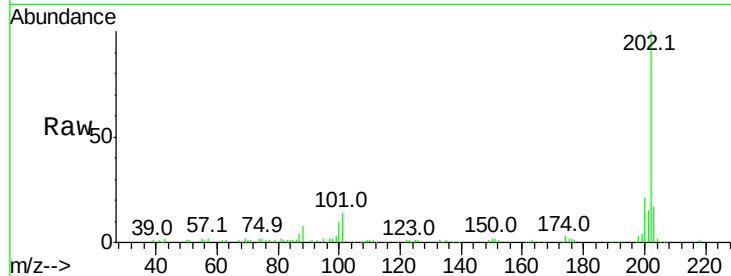
#74
 Fluoranthene
 Concen: 6.010 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BF098361.D
 Acq: 8 Sep 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-090617

Tot Ion	Ratio	Resp	Lower	Upper
202	100	78353		
101	14.3	0.0	33.2	
203	17.2	0.0	38.1	

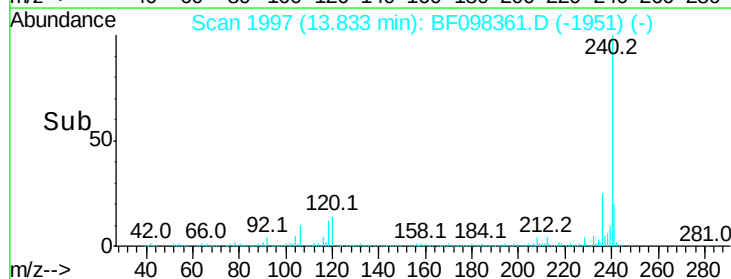
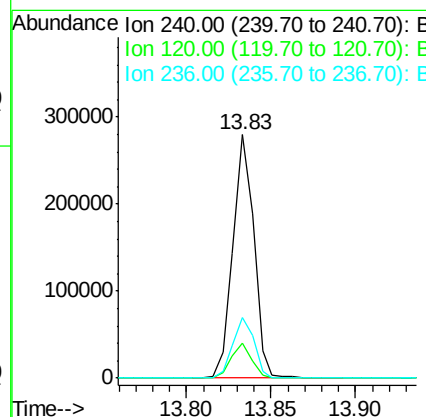
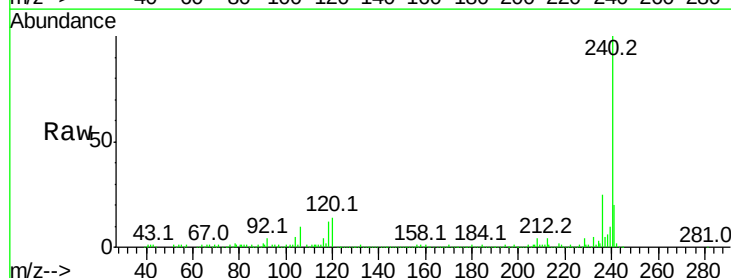
Manual Integrations
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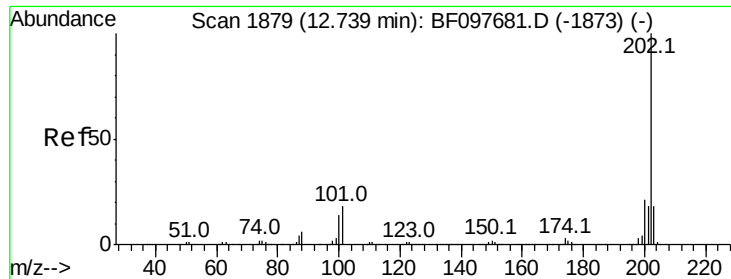
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 9/11/2017 4:47:44 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF098361.D
 Acq: 8 Sep 2017 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	241256		
120	14.3	5.8	8.8#	
236	25.1	20.5	30.7	





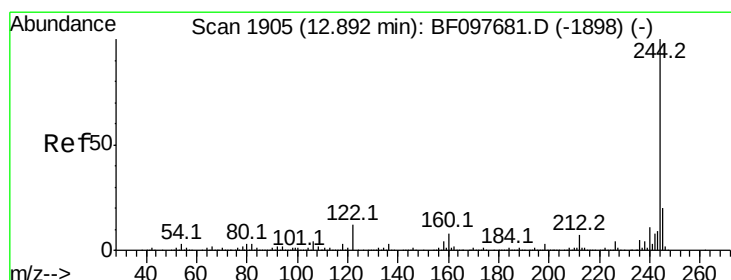
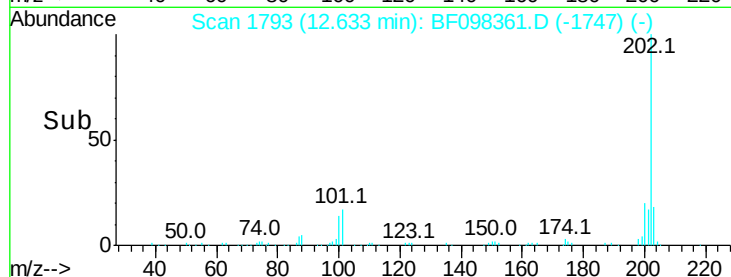
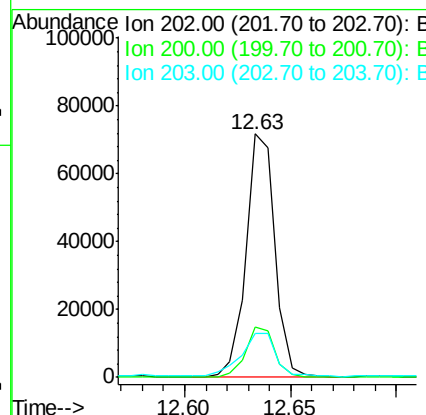
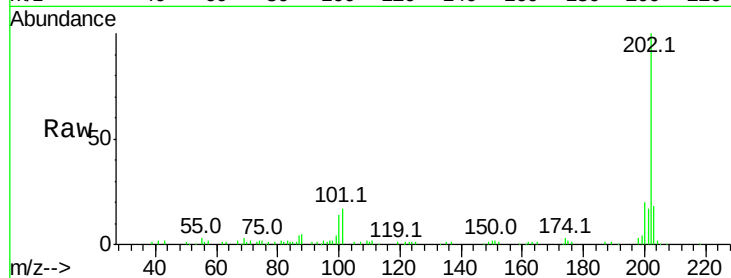
#77
Pvrene
Concen: 3.445 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.03 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TR-05-090617

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.6	26.4
203	18.0	14.4	21.6

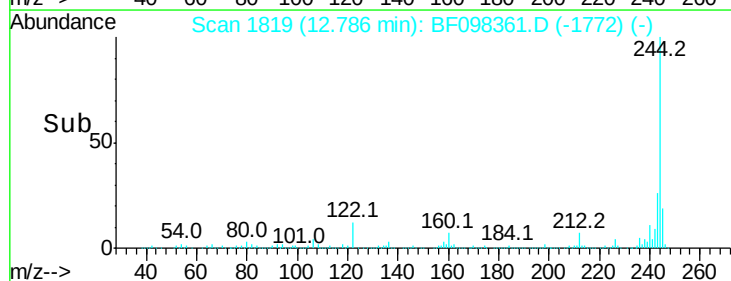
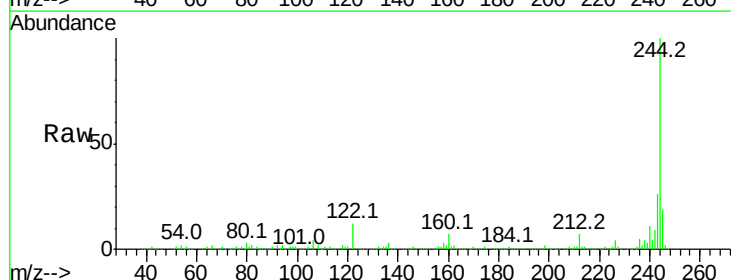
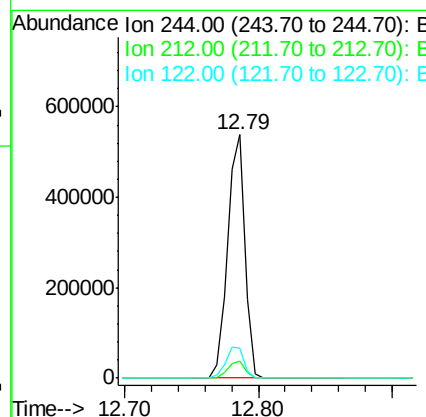
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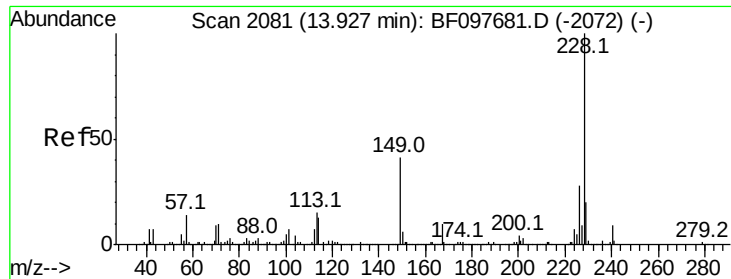
Sohil
9/11/2017 4:47:44 PM



#78
Terphenyl-d14
Concen: 42.681 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.3	10.3	15.5





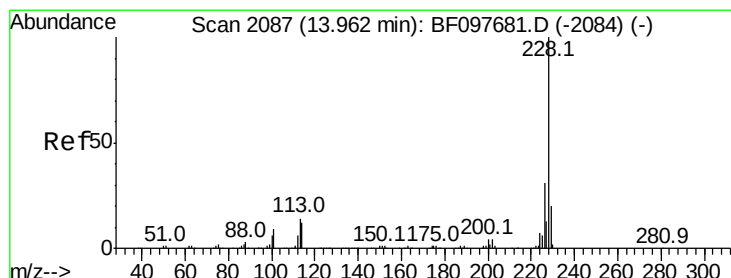
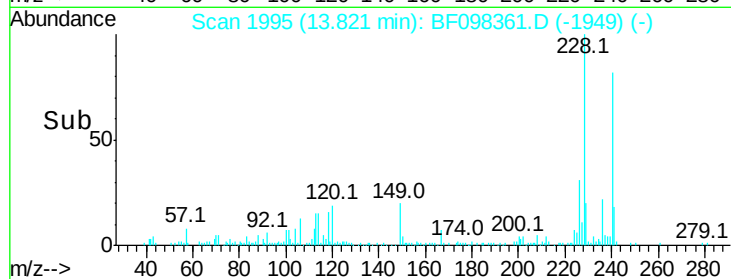
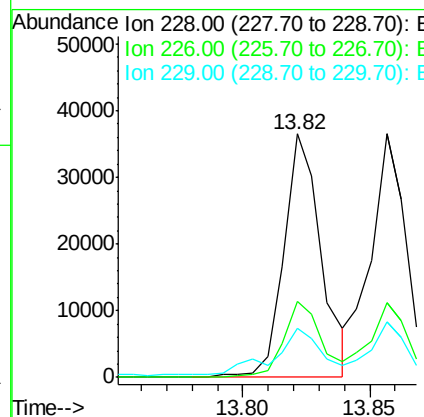
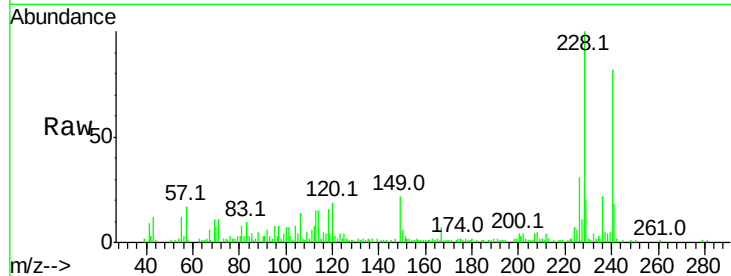
#80
Benzo(a)anthracene
Concen: 2.600 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.03 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TR-05-090617

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		37588		
226	31.1	22.6	33.8		
229	20.3	16.3	24.5		

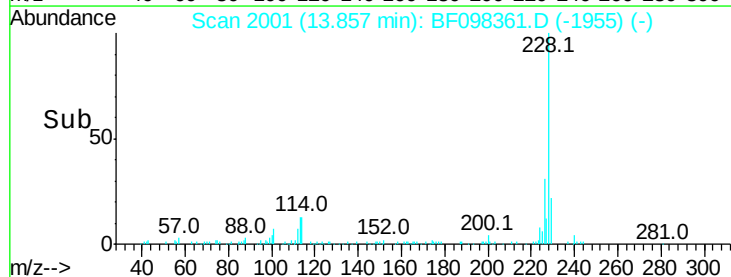
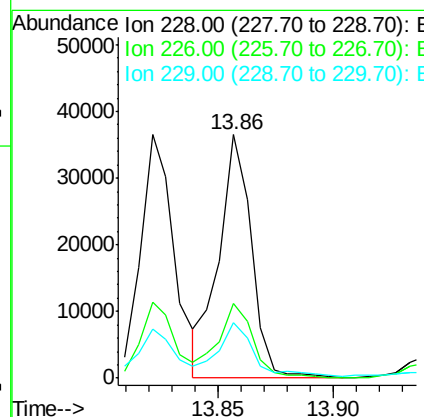
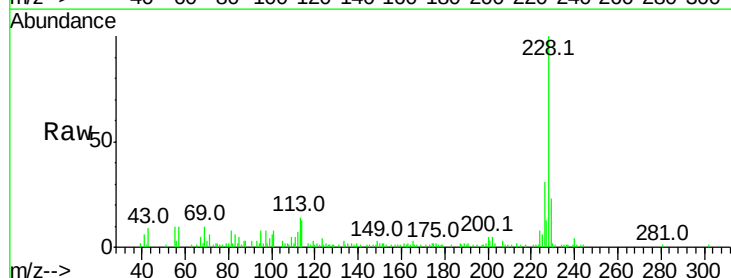
Manual Integrations
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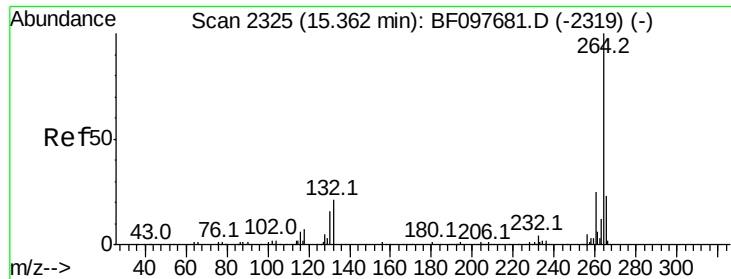
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#82
Chrysene
Concen: 2.500 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		35958		
226	30.7	24.9	37.3		
229	22.9	15.8	23.6		





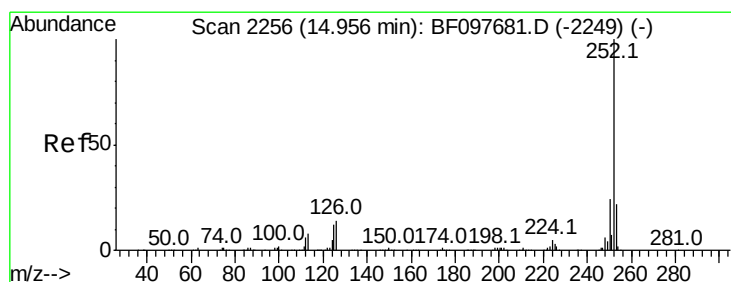
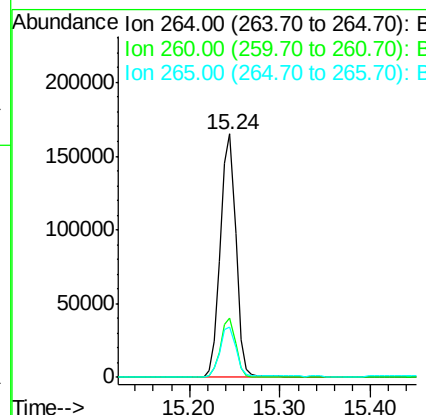
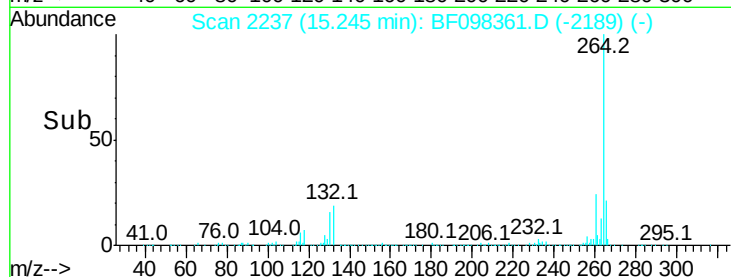
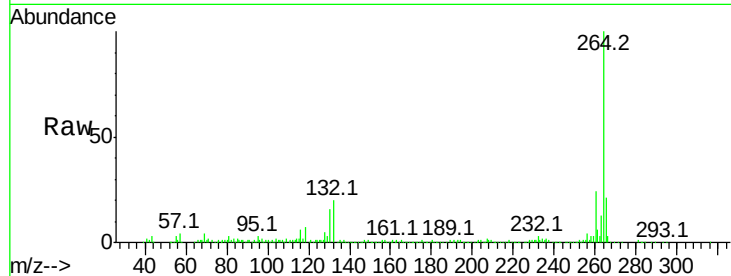
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Instrument :
BNA_F
ClientSampleId :
TR-05-090617

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.8	17.2	25.8

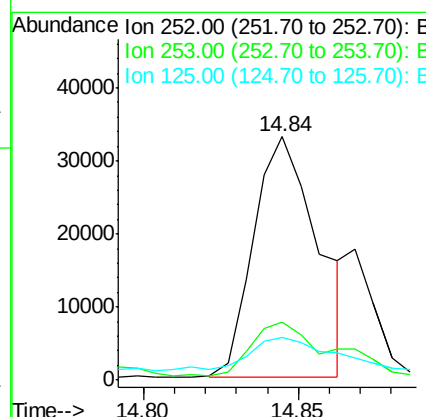
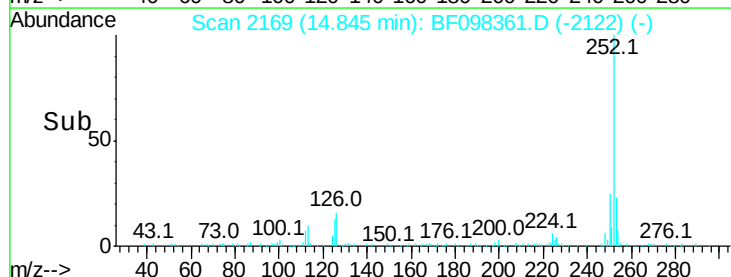
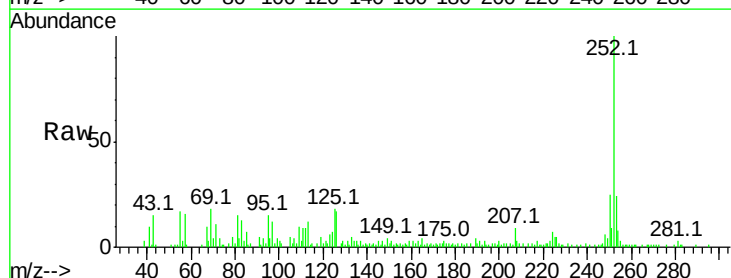
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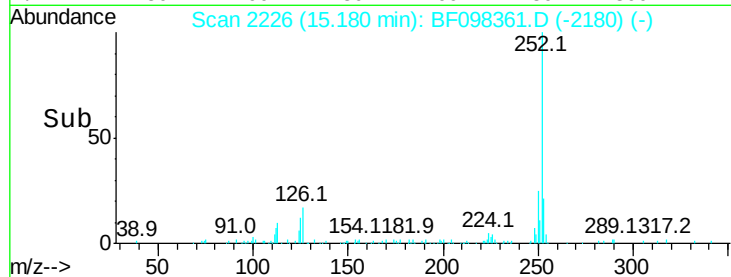
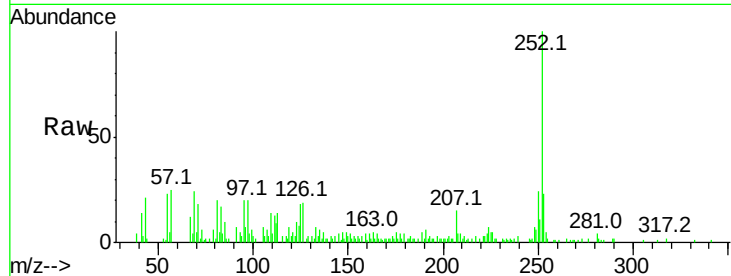
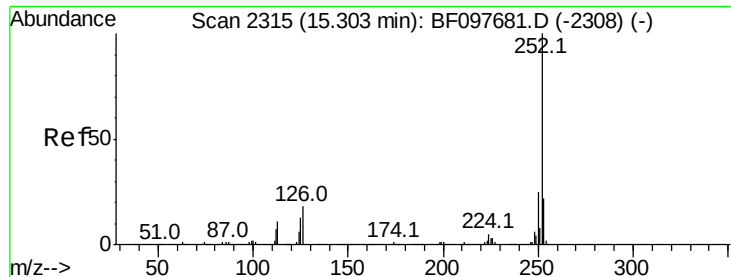
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#87
Benzo(b)fluoranthene
Concen: 3.835 ng m
RT: 14.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF098361.D
Acq: 8 Sep 2017 20:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	17.6	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.577 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.03 min

Lab File: BF098361.D

Acq: 8 Sep 2017 20:11

Instrument :

BNA_F

ClientSampleId :

TR-05-090617

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	17.7	11.0	16.4

Manual Integrations
APPROVED

Sohil
9/11/2017 4:47:44 PM

