

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098296.D
 Acq On : 7 Sep 2017 2:15
 Operator : SJ/JU
 Sample : I5052-12 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G27A-1.5-3

Manual Integrations
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Sohil
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Quant Time: Sep 07 07:16:00 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	6.70	152	103569	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	376253	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	138392	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	234702	20.00	ng	0.00
75) Chrysene-d12	13.85	240	225189	20.00	ng	-0.01
86) Perylene-d12	15.26	264	154632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	121228	17.80	ng	0.00
7) Phenol-d6	6.33	99	159351	17.22	ng	-0.02
23) Nitrobenzene-d5	7.26	82	86819	12.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	16776	13.97	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	129589	13.76	ng	-0.01
78) Terphenyl-d14	12.79	244	90837	8.41	ng	-0.02
Target Compounds						
74) Fluoranthene	12.42	202	35549	2.723	ng	98
77) Pyrene	12.65	202	39965	2.170	ng	99
87) Benzo(b)fluoranthene	14.86	252	32452m	3.329	ng	

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

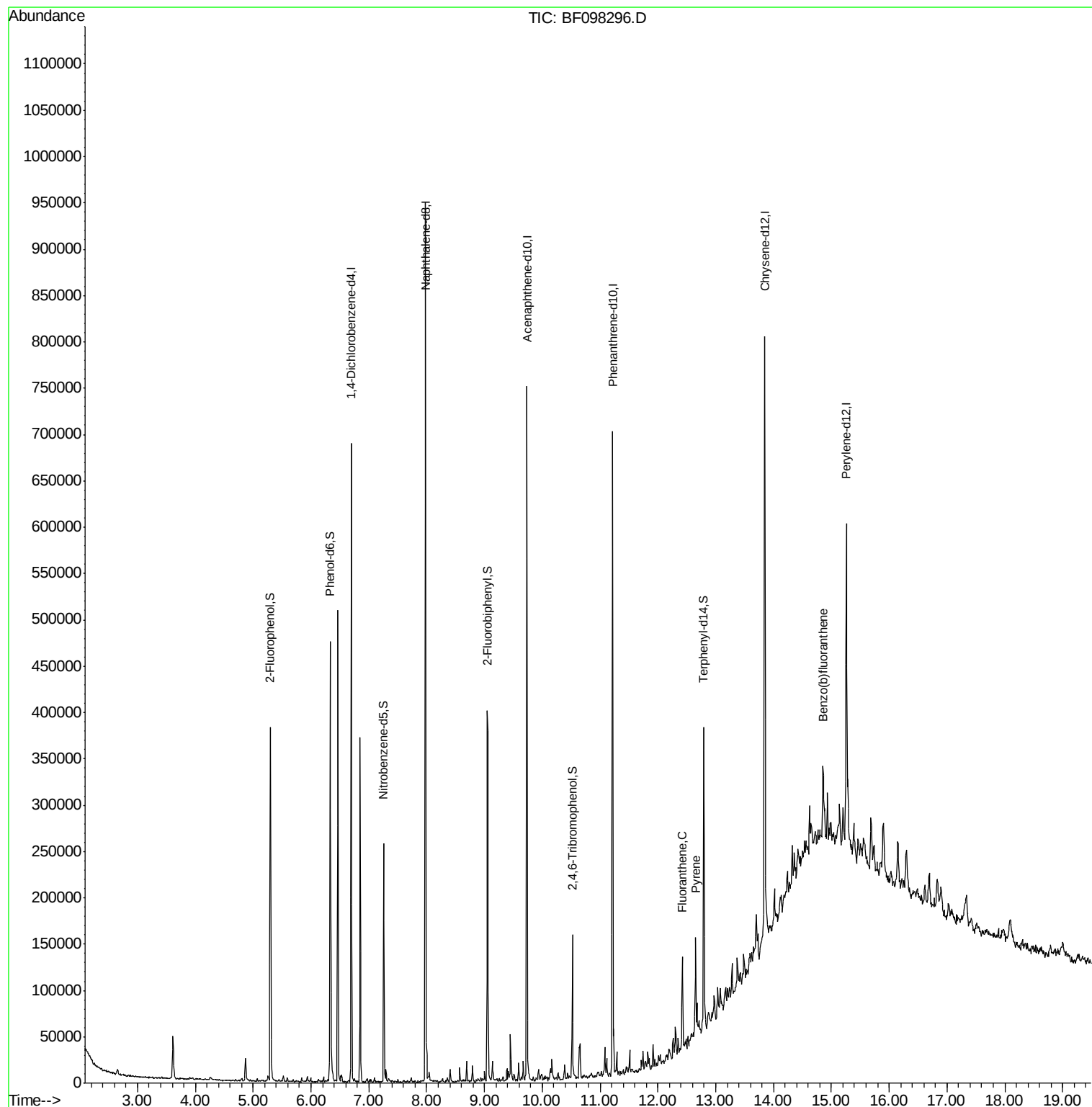
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098296.D
Acq On : 7 Sep 2017 2:15
Operator : SJ/JU
Sample : I5052-12 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

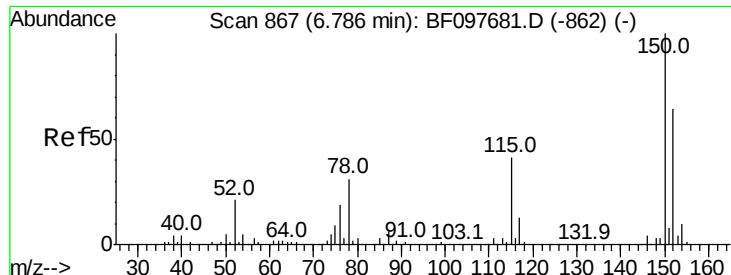
Instrument :
BNA_F
ClientSampleId :
G27A-1.5-3

Manual Integrations
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9/7/2017 5:44:43 PM

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#1

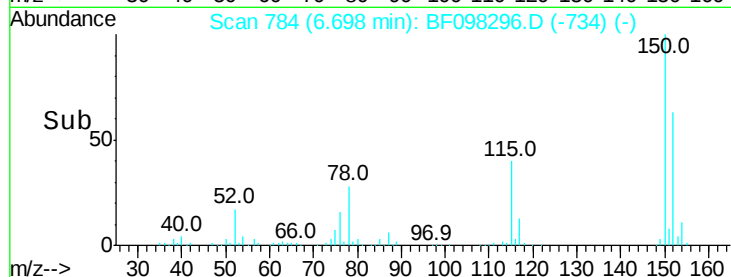
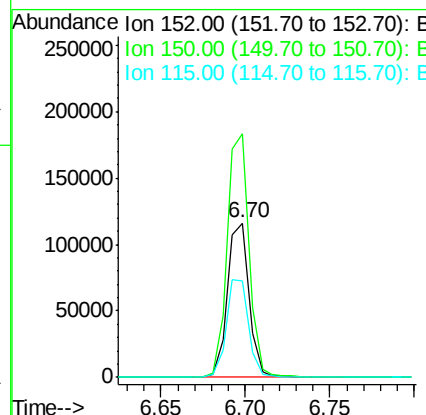
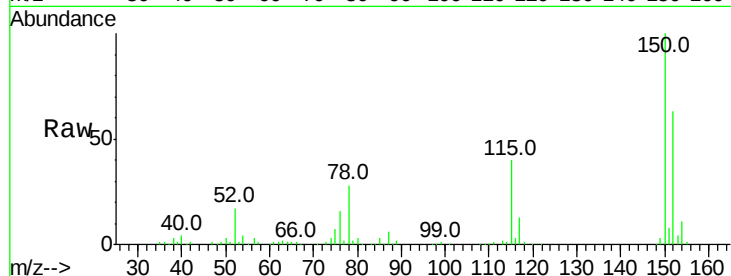
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF098296.D
 Acq: 7 Sep 2017 2:15

Instrument :
 BNA_F
 ClientSampled :
 G27A-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	62.6	52.2	78.2

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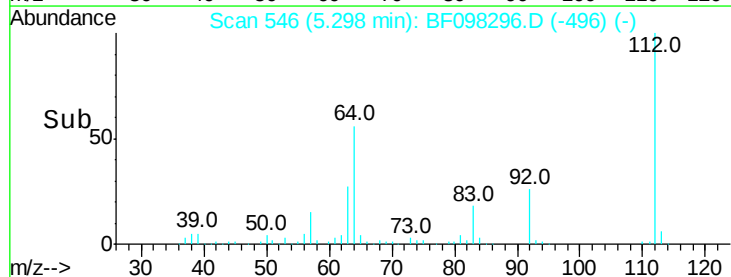
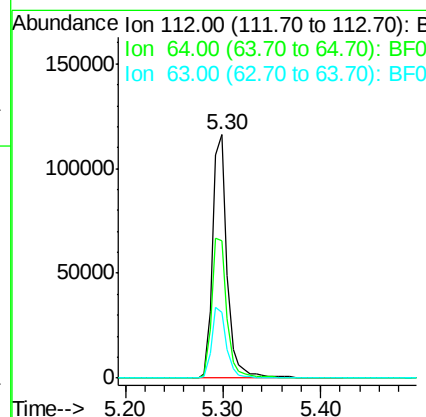
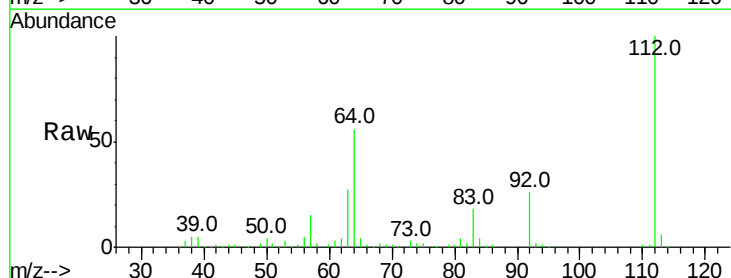
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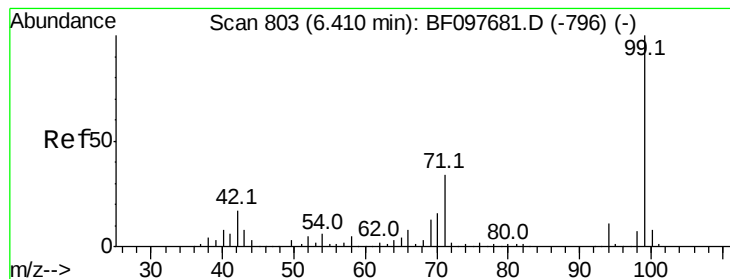


#5

2-Fluorophenol
 Concen: 17.804 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF098296.D
 Acq: 7 Sep 2017 2:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	26.9	23.4	35.0





#7

Phenol-d6

Concen: 17.225 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098296.D

Acq: 7 Sep 2017 2:15

Instrument :

BNA_F

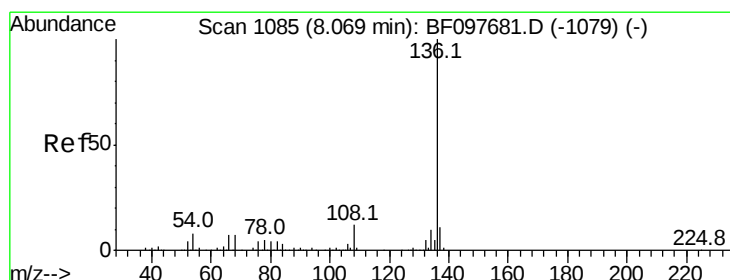
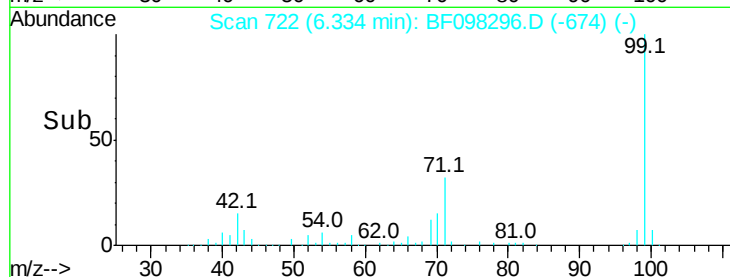
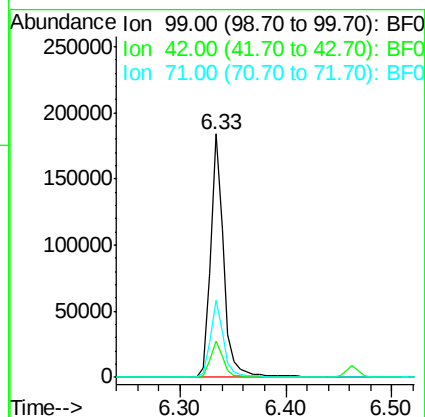
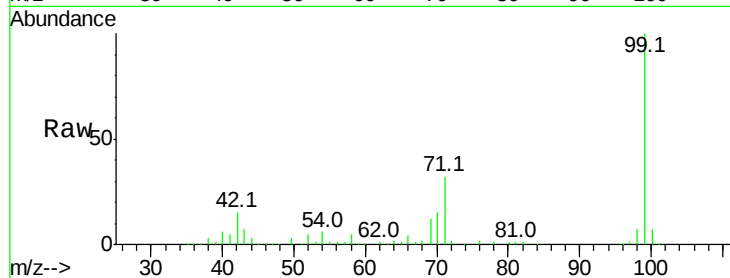
ClientSampled :

G27A-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		159351		
42	14.6	13.5	20.3		
71	32.0	24.5	36.7		

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

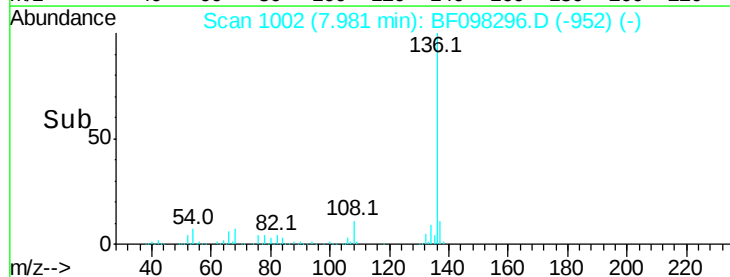
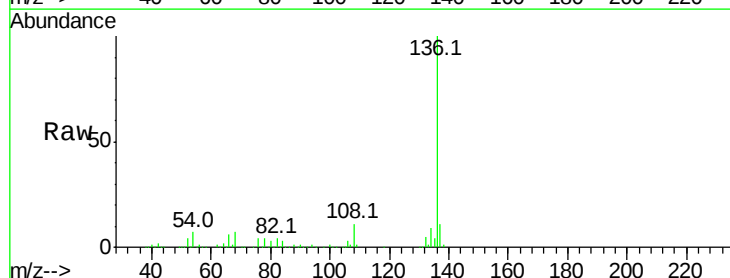
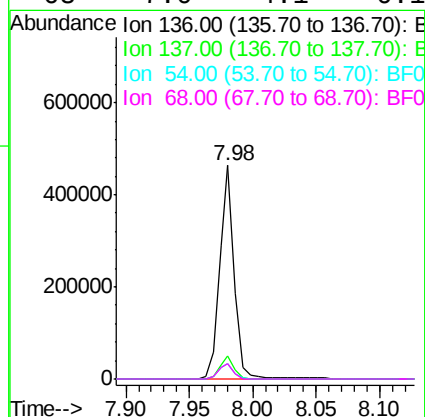
RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098296.D

Acq: 7 Sep 2017 2:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		376253		
137	10.7	8.5	12.7		
54	7.1	4.9	7.3		
68	7.0	4.1	6.1#		





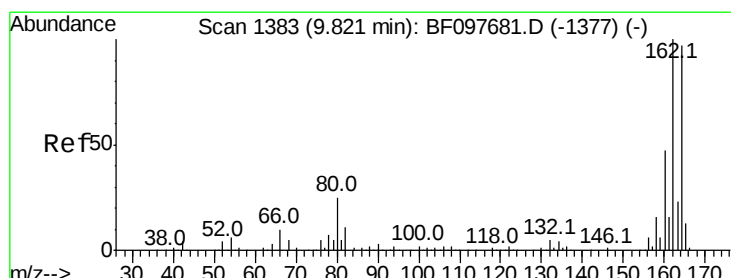
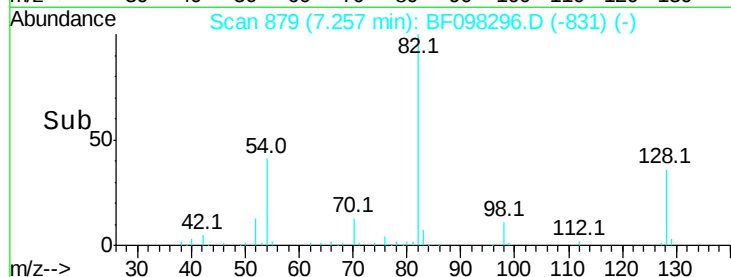
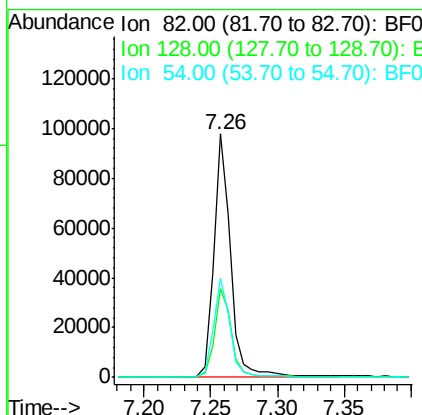
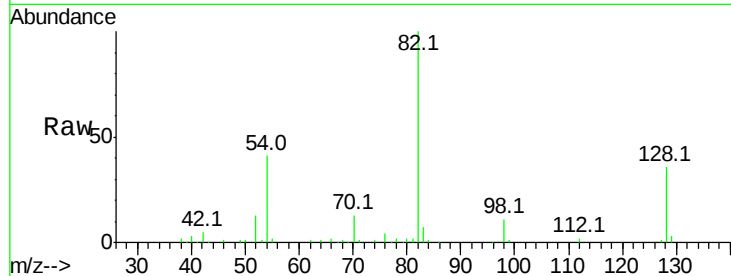
#23
 Nitrobenzene-d5
 Concen: 12.535 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098296.D
 Acq: 7 Sep 2017 2:15

Instrument :
 BNA_F
 ClientSampleId :
 G27A-1.5-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	34.0	51.0
54	40.7	42.2	63.2#

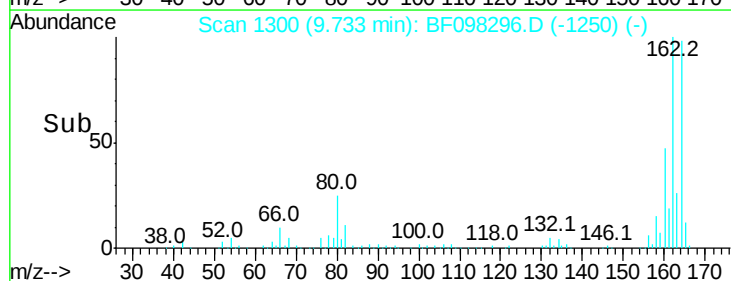
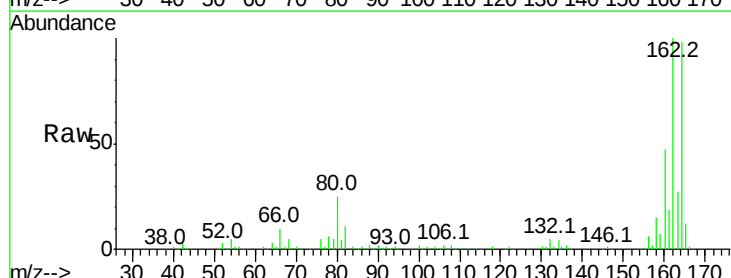
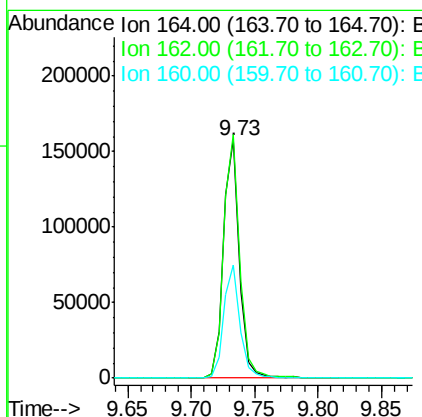
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098296.D
 Acq: 7 Sep 2017 2:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	47.7	36.2	54.2





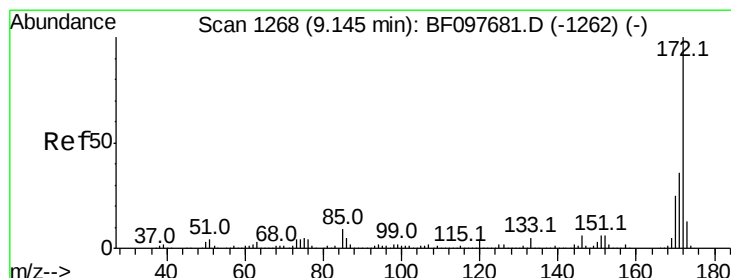
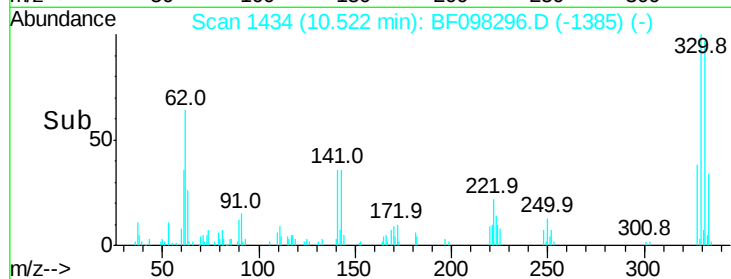
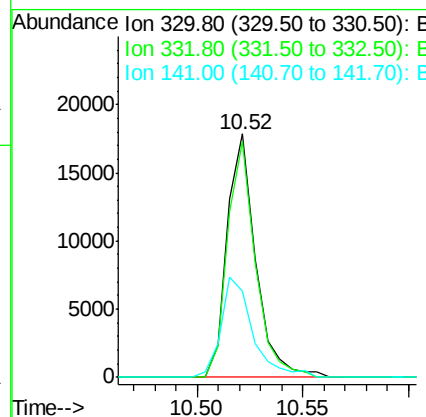
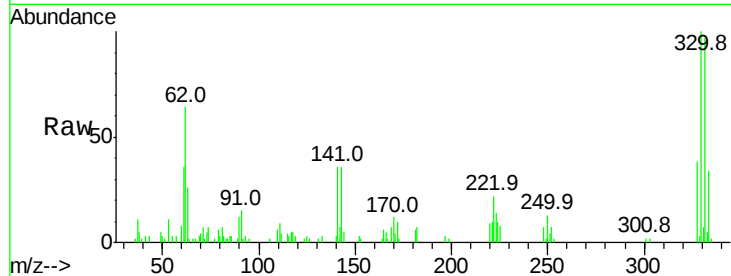
#41
 2,4,6-Tribromophenol
 Concen: 13.971 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098296.D
 Acq: 7 Sep 2017 2:15

Instrument :
 BNA_F
 ClientSampled :
 G27A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	16776		
332	94.5	76.6	115.0	
141	45.9	31.4	47.2	

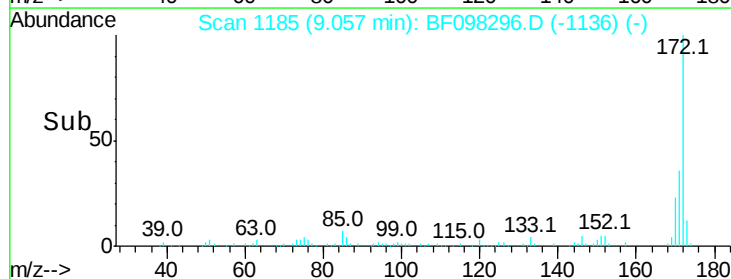
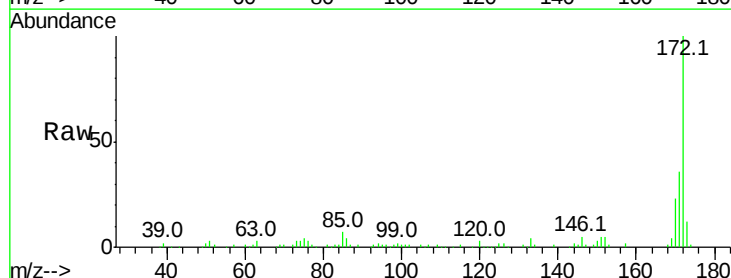
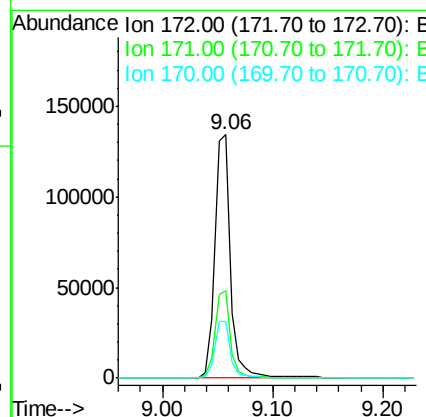
Manual Integrations
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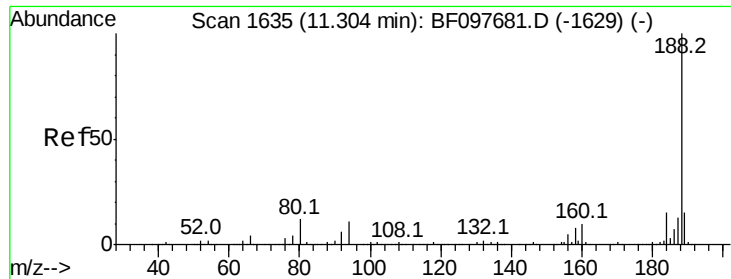
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#44
 2-Fluorobiphenyl
 Concen: 13.758 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098296.D
 Acq: 7 Sep 2017 2:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	129589		
171	35.9	29.6	44.4	
170	23.2	19.8	29.8	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF098296.D

Acq: 7 Sep 2017 2:15

Instrument :

BNA_F

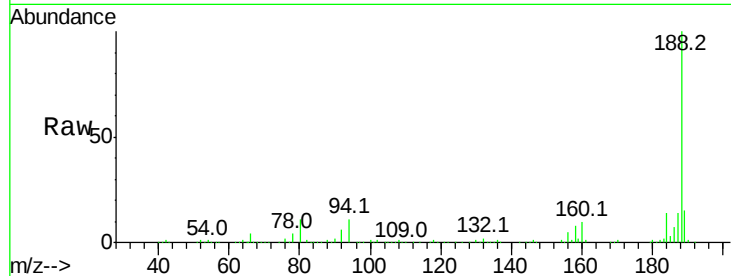
ClientSampleId :

G27A-1.5-3

Tot Ion:	188	Resp:	234702
Ion Ratio	Lower	Upper	
188	100		
94	11.3	9.4	14.2
80	11.2	10.2	15.2

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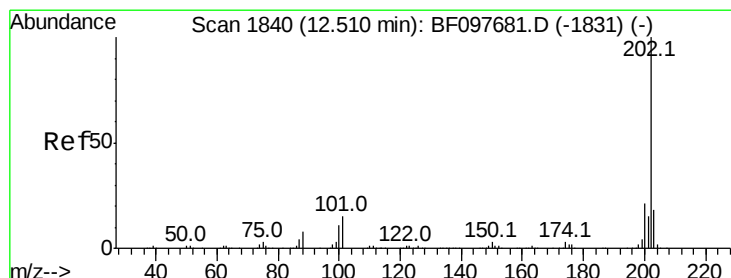
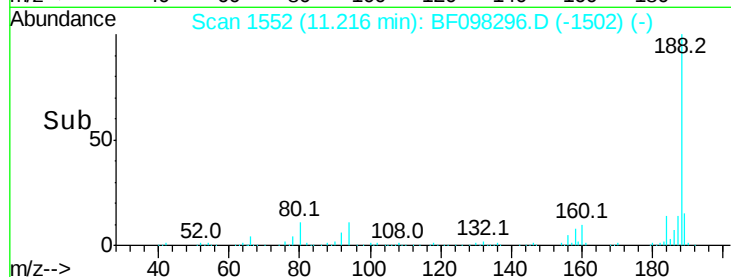
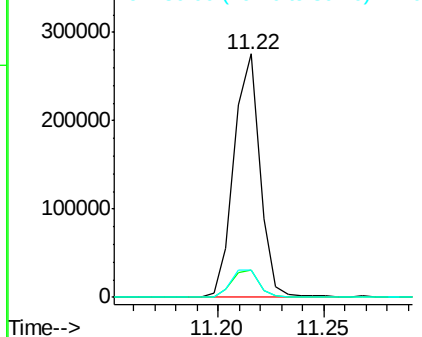
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: 2.723 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF098296.D

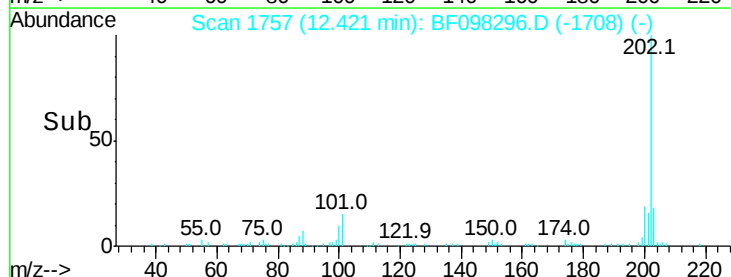
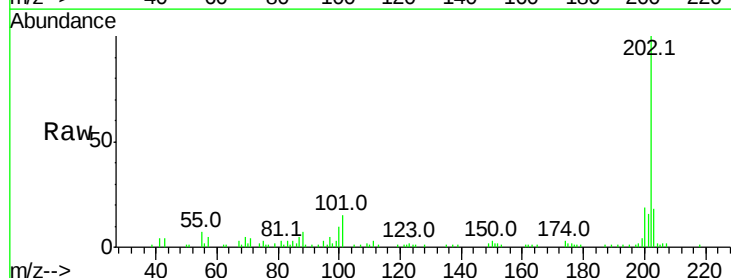
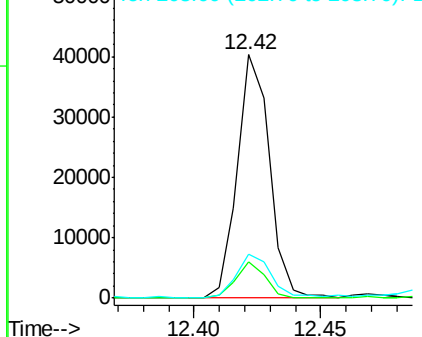
Acq: 7 Sep 2017 2:15

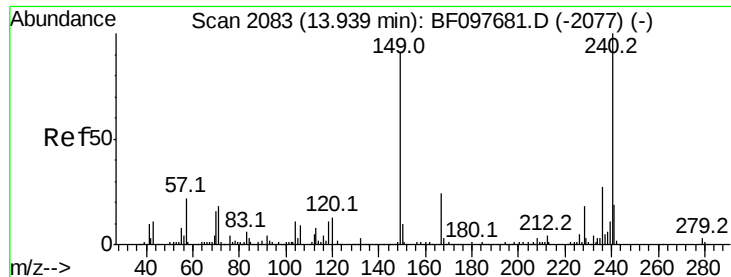
Tgt Ion:	202	Resp:	35549
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.2
203	18.0	0.0	38.1

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098296.D

Acq: 7 Sep 2017 2:15

Instrument :

BNA_F

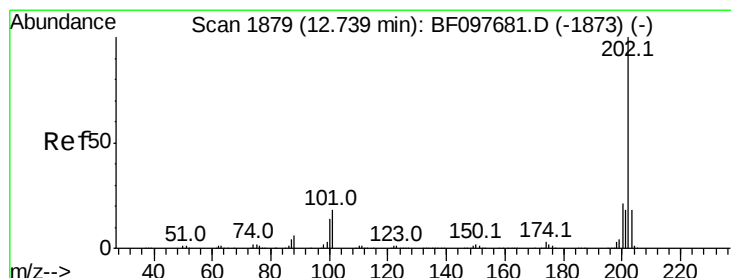
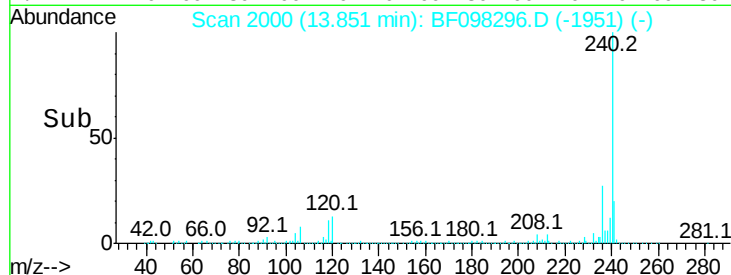
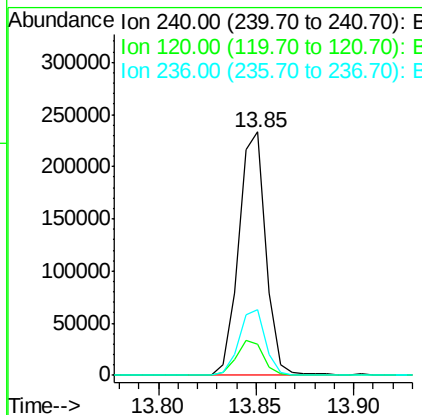
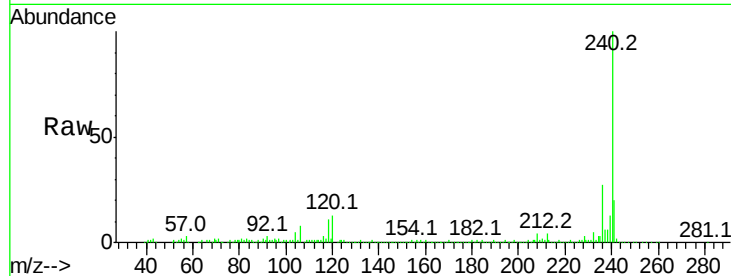
ClientSampled :

G27A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100	225189		
120	12.8	5.8	8.8#	
236	26.9	20.5	30.7	

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#77

Pyrene

Concen: 2.170 ng

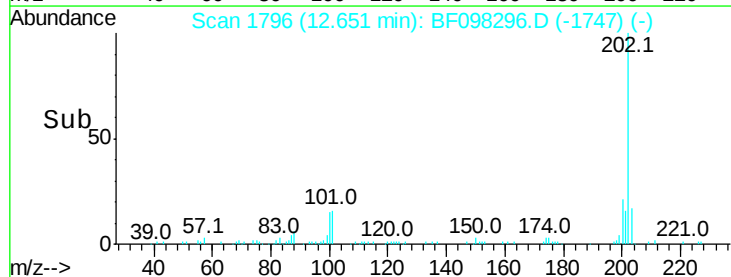
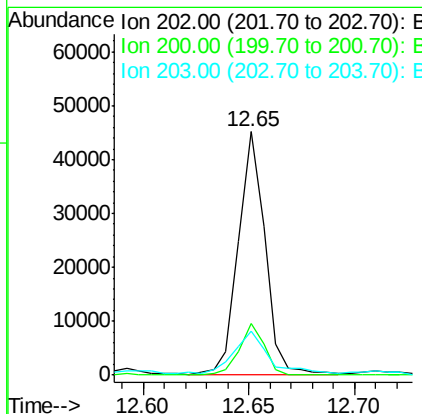
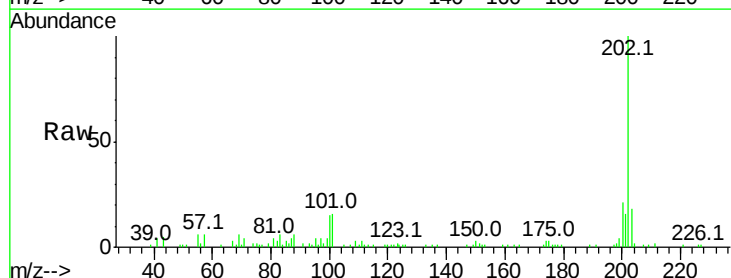
RT: 12.65 min Scan# 1796

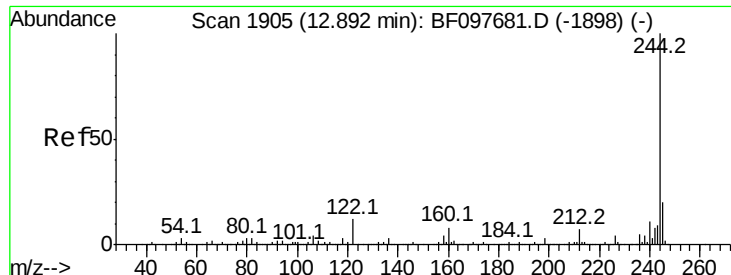
Delta R.T. -0.01 min

Lab File: BF098296.D

Acq: 7 Sep 2017 2:15

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	39965		
200	21.2	17.6	26.4	
203	18.1	14.4	21.6	





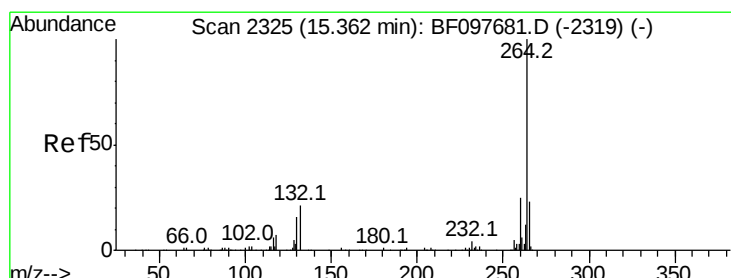
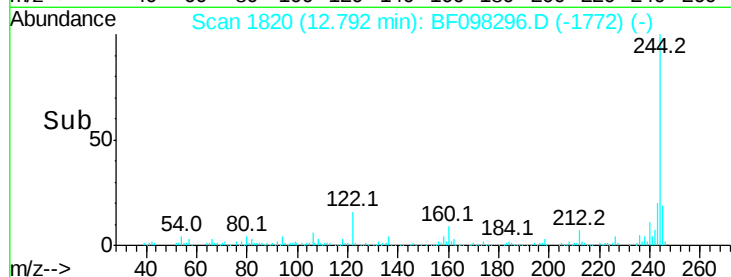
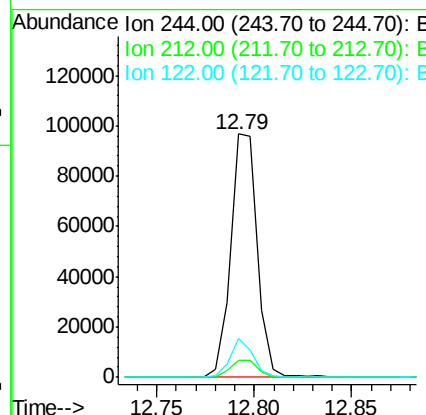
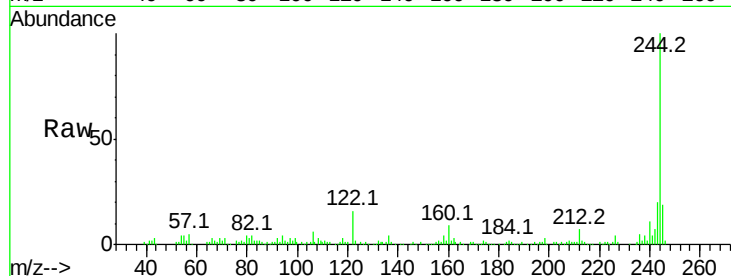
#78
 Terphenyl-d14
 Concen: 8.412 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BF098296.D
 Acq: 7 Sep 2017 2:15

Instrument :
 BNA_F
 ClientSampleId :
 G27A-1.5-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	16.0	10.3	15.5

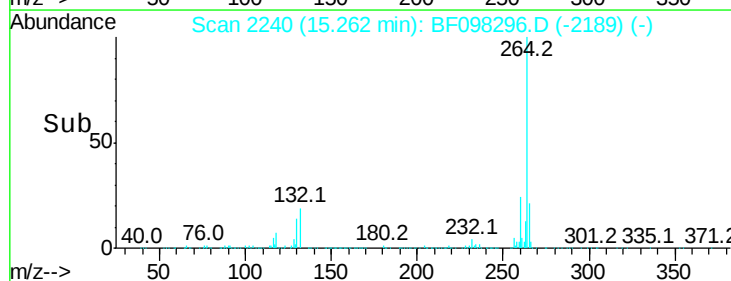
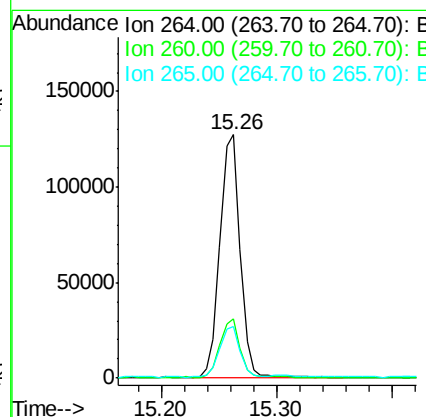
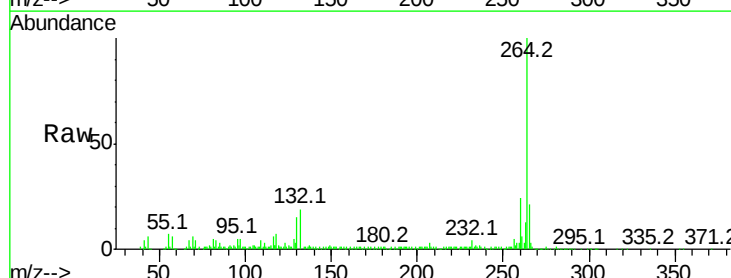
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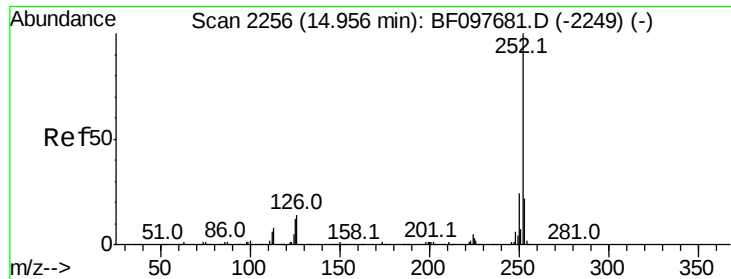
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BF098296.D
 Acq: 7 Sep 2017 2:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 3.329 ng m

RT: 14.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF098296.D

Acq: 7 Sep 2017 2:15

Instrument :

BNA_F

ClientSampleId :

G27A-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.8	18.1	27.1
125	21.1	9.8	14.8#

Manual Integrations
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