

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098331.D
 Acq On : 7 Sep 2017 23:26
 Operator : SJ/JU
 Sample : I5071-04 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G61A-1.5-3

Manual Integrations
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Sohil
 9/8/2017 5:45:30 PM

Quant Time: Sep 08 03:04:16 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	6.69	152	107370	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	397428	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	165399	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	292914	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	257868	20.00	ng	-0.02
86) Perylene-d12	15.26	264	173288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	136004	19.27	ng	-0.02
7) Phenol-d6	6.33	99	186166	19.41	ng	-0.02
23) Nitrobenzene-d5	7.25	82	105782	14.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	22969	16.01	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	172676	15.34	ng	-0.02
78) Terphenyl-d14	12.79	244	128003	10.35	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.45	163	26561	2.197	ng	99
74) Fluoranthene	12.42	202	73311	4.500	ng	96
77) Pyrene	12.65	202	69247	3.283	ng	97
80) Benzo(a)anthracene	13.83	228	32851	2.126	ng	98
82) Chrysene	13.87	228	36054m	2.345	ng	
87) Benzo(b)fluoranthene	14.85	252	33706m	3.086	ng	
89) Benzo(a)pyrene	15.19	252	20553	2.125	ng	# 86

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

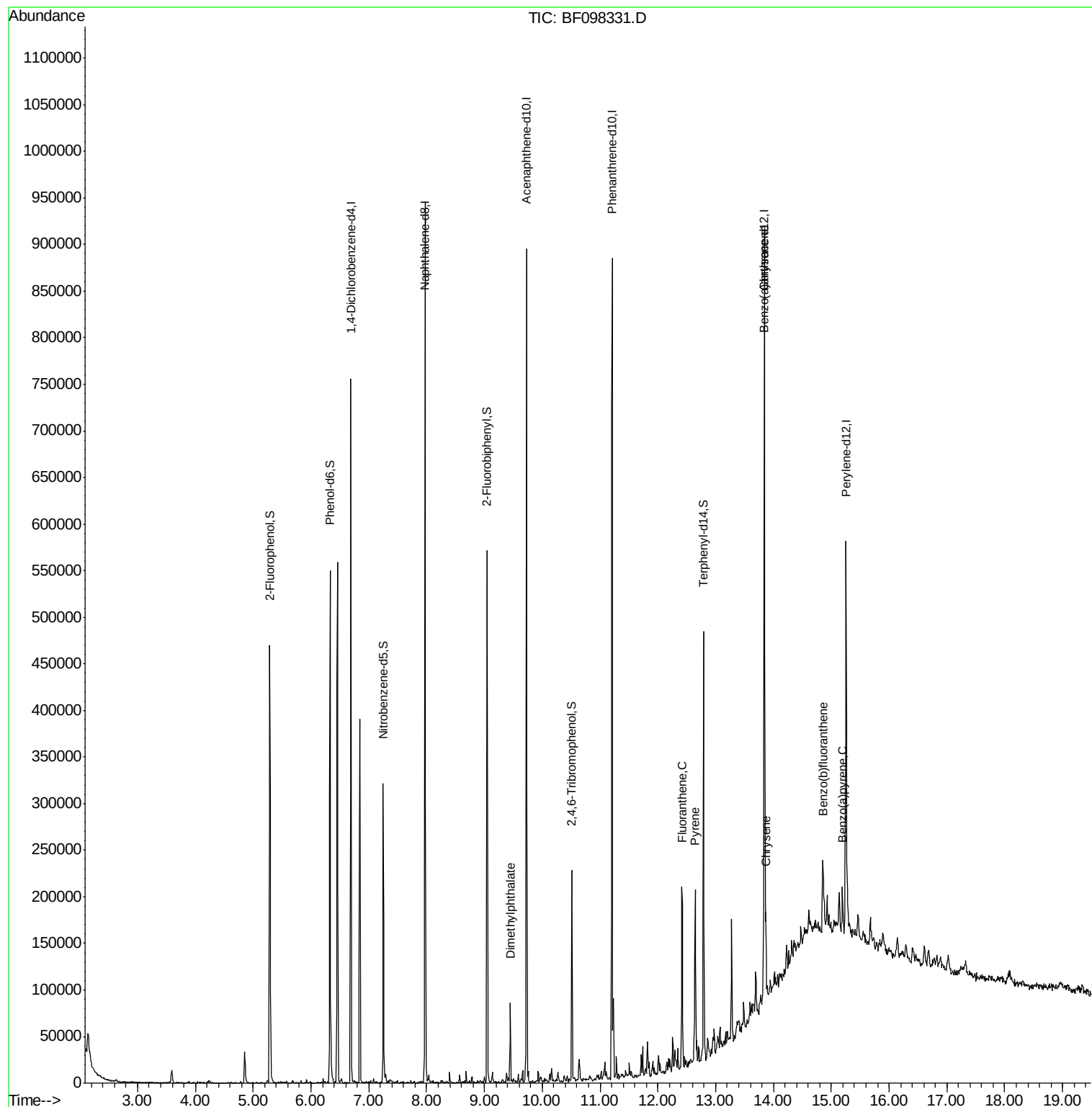
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098331.D
Acq On : 7 Sep 2017 23:26
Operator : SJ/JU
Sample : I5071-04 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

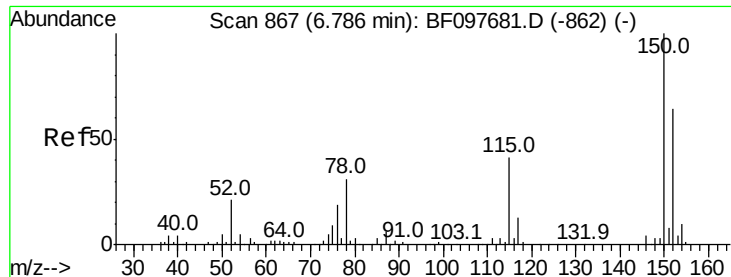
Instrument :
BNA_F
ClientSampleId :
G61A-1.5-3

Manual Integrations
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Quant Time: Sep 08 03:04:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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#1

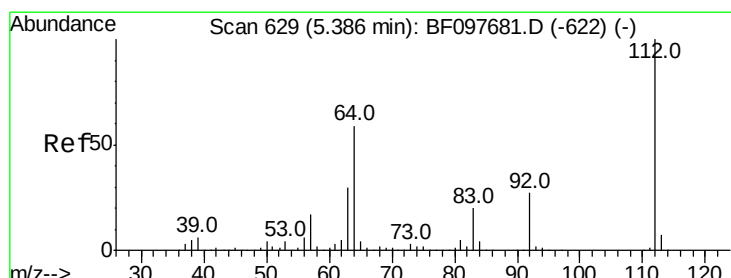
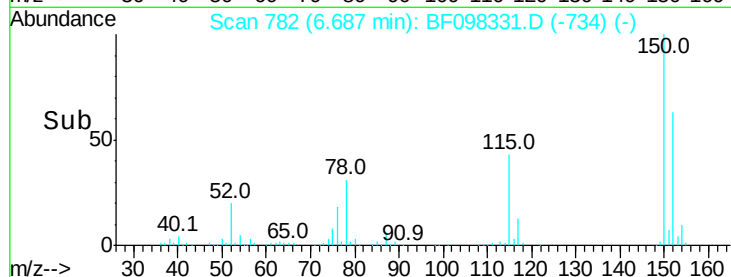
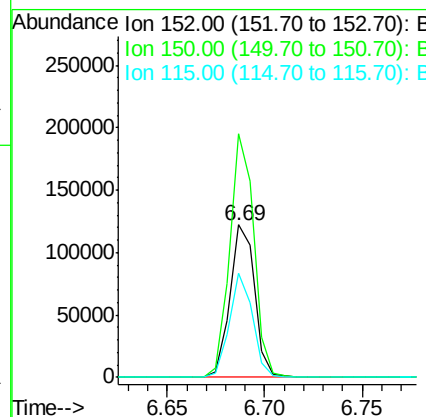
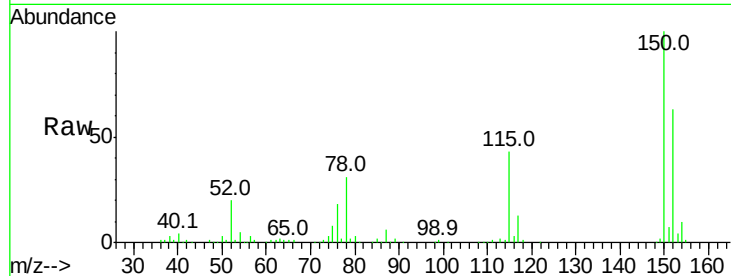
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098331.D
Acq: 7 Sep 2017 23:26

Instrument :
BNA_F
ClientSampled :
G61A-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	68.1	52.2	78.2

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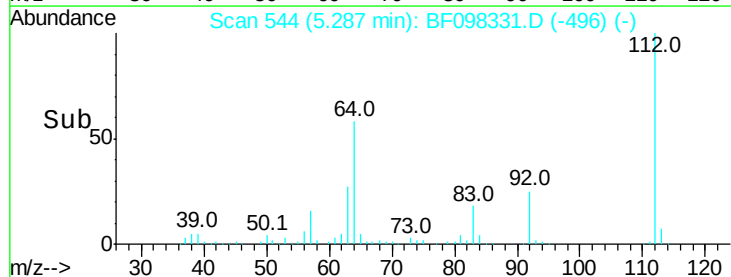
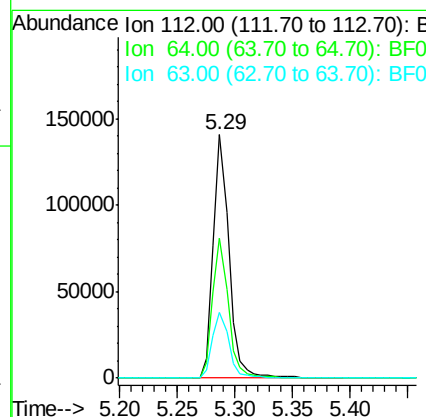
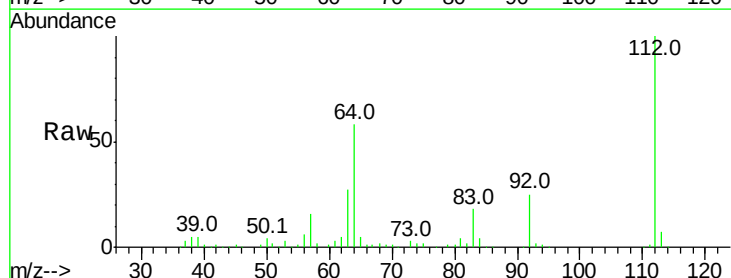
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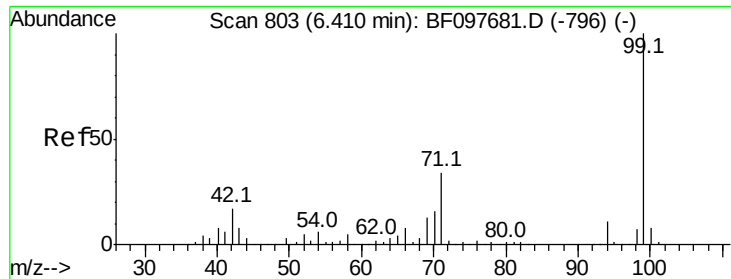


#5

2-Fluorophenol
Concen: 19.267 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098331.D
Acq: 7 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	27.0	23.4	35.0





#7

Phenol-d6

Concen: 19.411 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098331.D

Acq: 7 Sep 2017 23:26

Instrument :

BNA_F

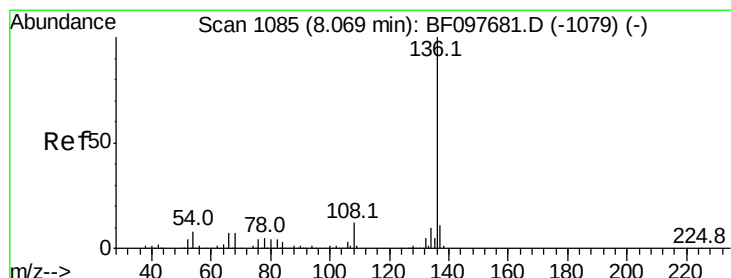
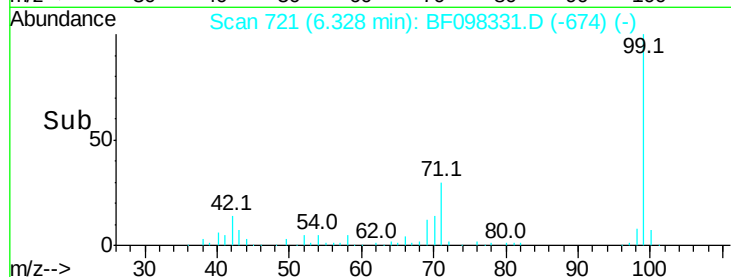
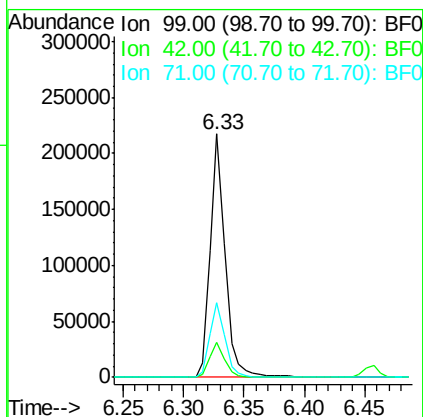
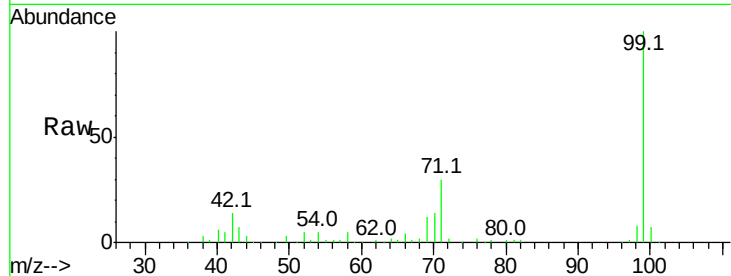
ClientSampled :

G61A-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		186166		
42	14.3	13.5	20.3		
71	30.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

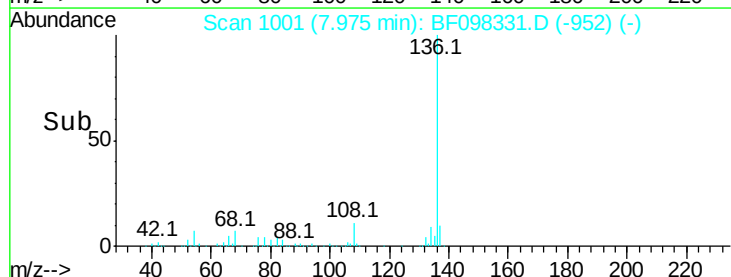
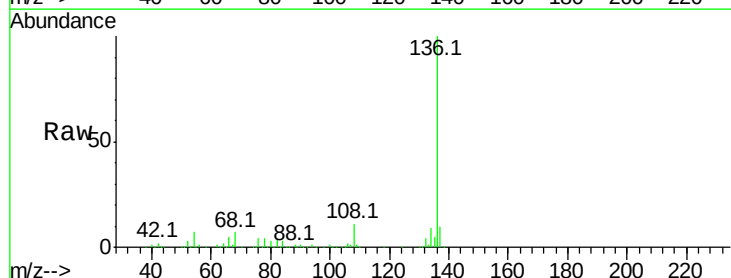
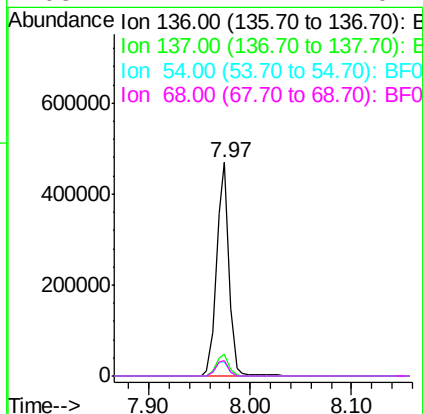
RT: 7.97 min Scan# 1001

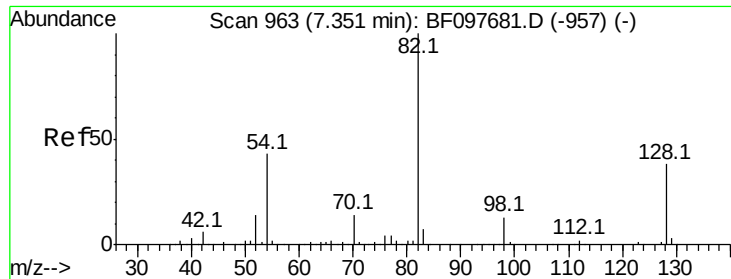
Delta R.T. -0.01 min

Lab File: BF098331.D

Acq: 7 Sep 2017 23:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		397428		
137	10.3	8.5	12.7		
54	6.8	4.9	7.3		
68	7.1	4.1	6.1#		





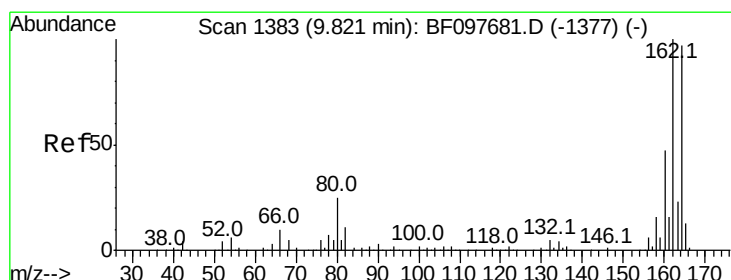
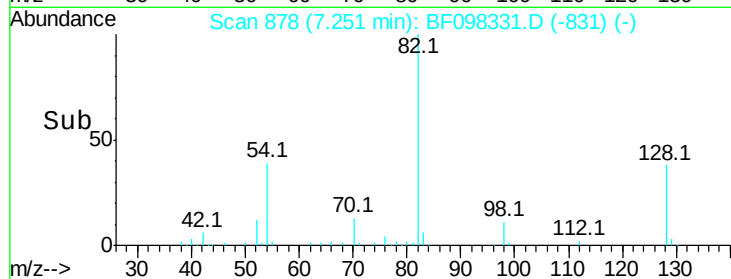
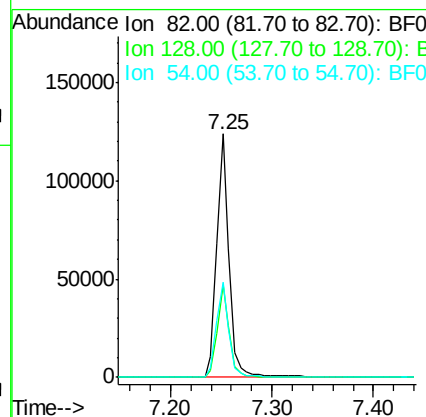
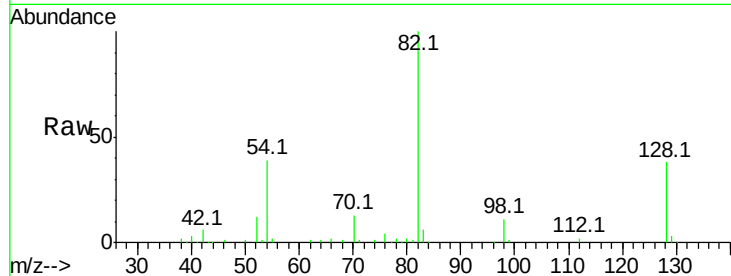
#23
 Nitrobenzene-d5
 Concen: 14.459 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF098331.D
 Acq: 7 Sep 2017 23:26

Instrument :
 BNA_F
 ClientSampleId :
 G61A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.0	34.0	51.0	
54	39.2	42.2	63.2	

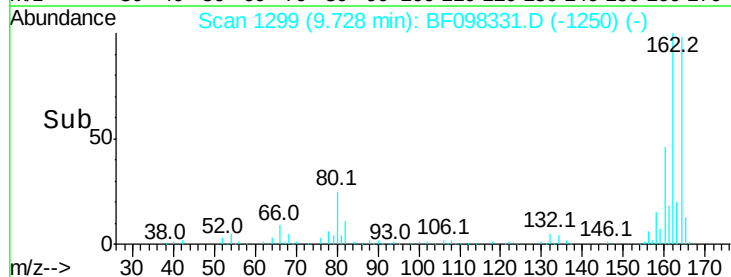
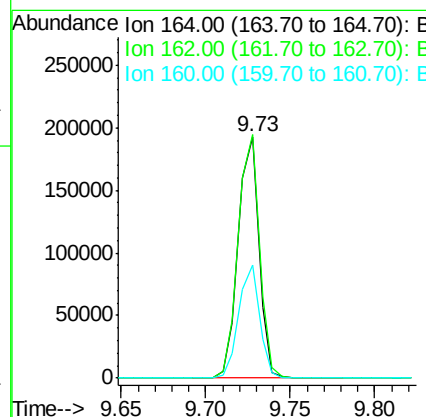
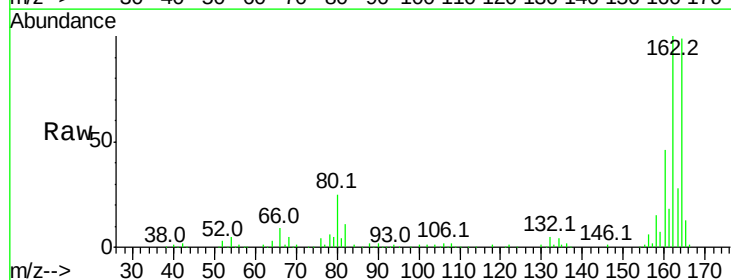
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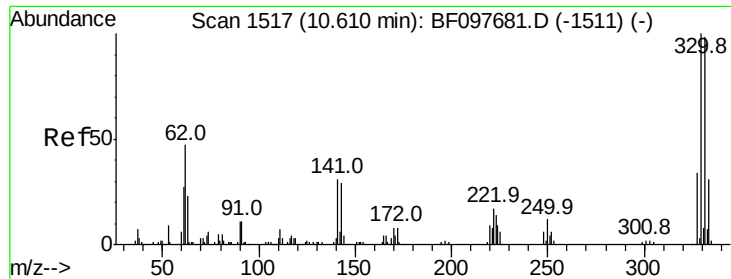
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098331.D
 Acq: 7 Sep 2017 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	82.6	123.8	
160	46.9	36.2	54.2	





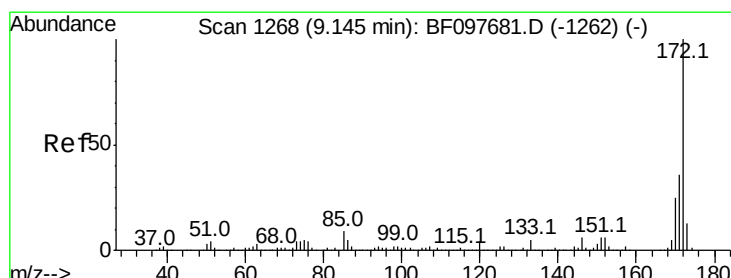
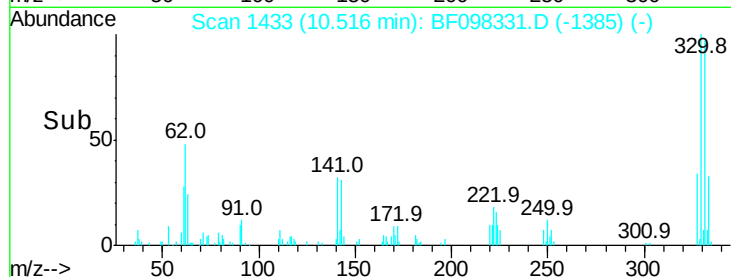
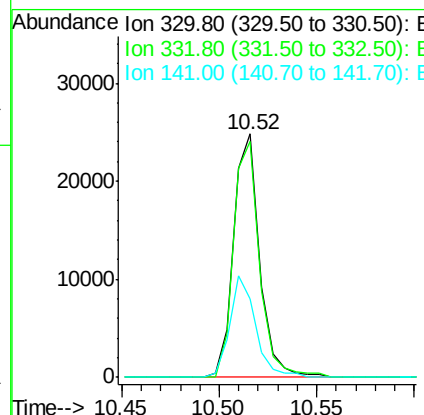
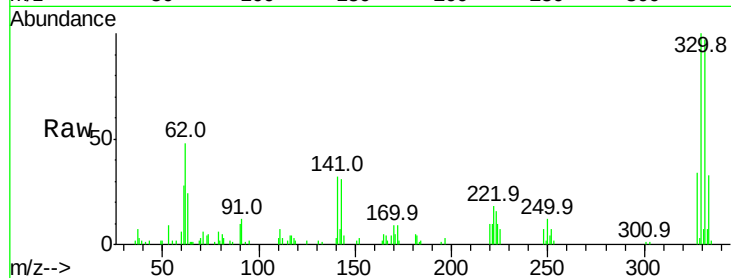
#41
 2,4,6-Tribromophenol
 Concen: 16.005 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098331.D
 Acq: 7 Sep 2017 23:26

Instrument :
 BNA_F
 ClientSampleId :
 G61A-1.5-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	41.3	31.4	47.2

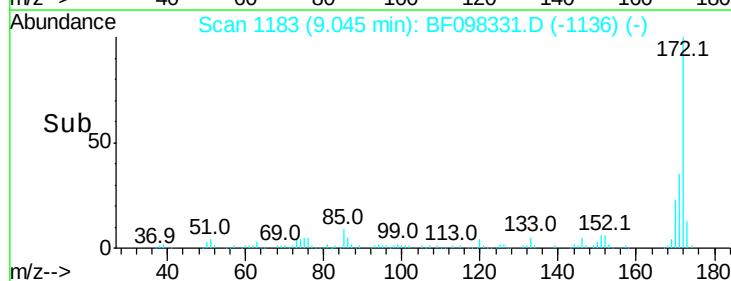
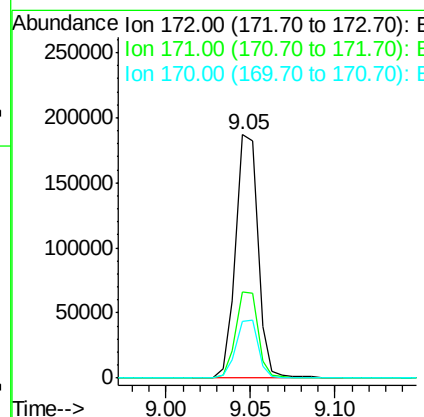
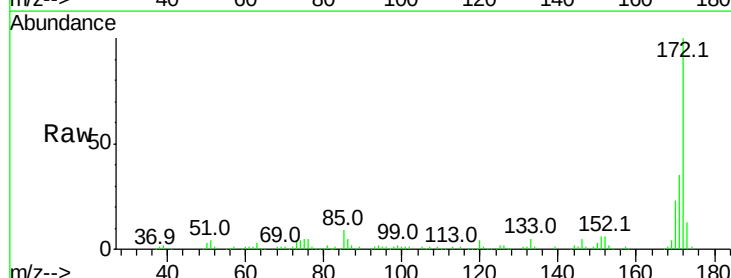
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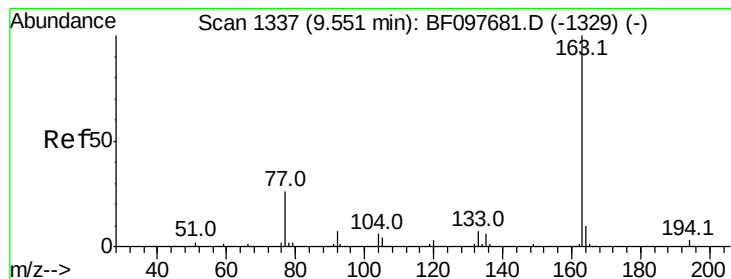
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#44
 2-Fluorobiphenyl
 Concen: 15.338 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098331.D
 Acq: 7 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.5	19.8	29.8





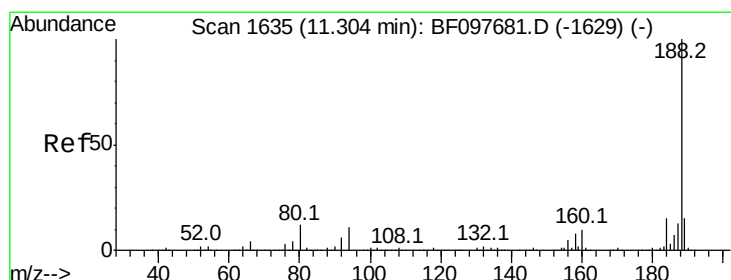
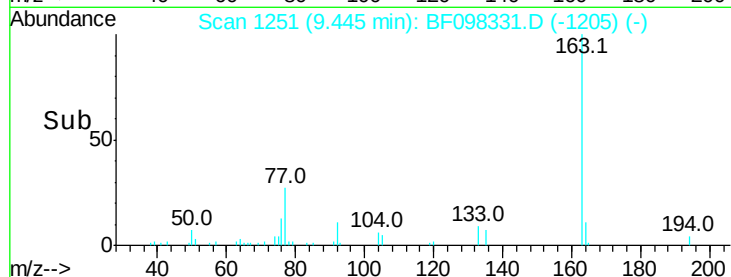
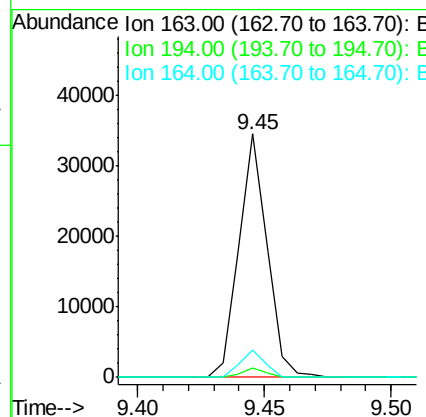
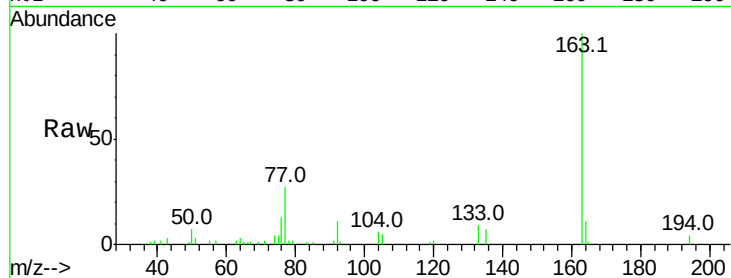
#49
 Dimethylphthalate
 Concen: 2.197 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF098331.D
 Acq: 7 Sep 2017 23:26

Instrument :
 BNA_F
 ClientSampleId :
 G61A-1.5-3

Tot Ion:	163	Resp:	26561
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.6	4.0
164	11.0	8.4	12.6

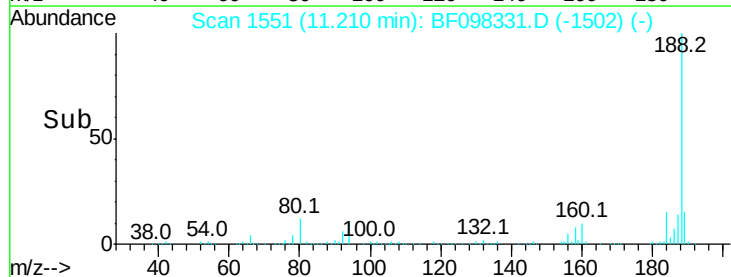
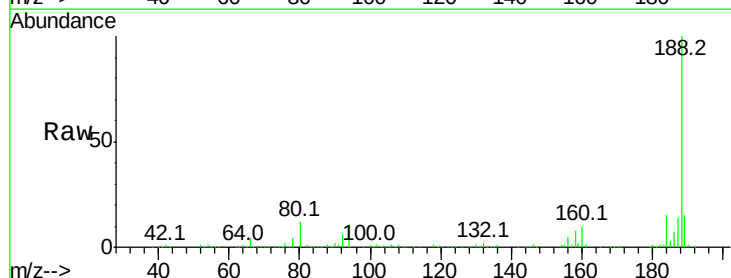
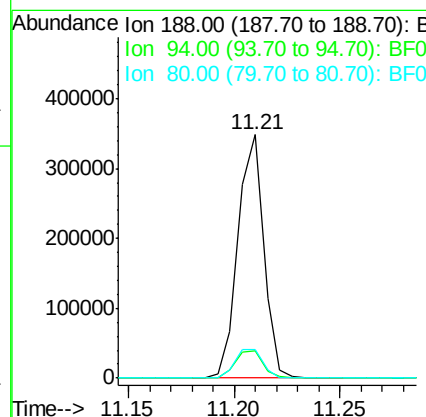
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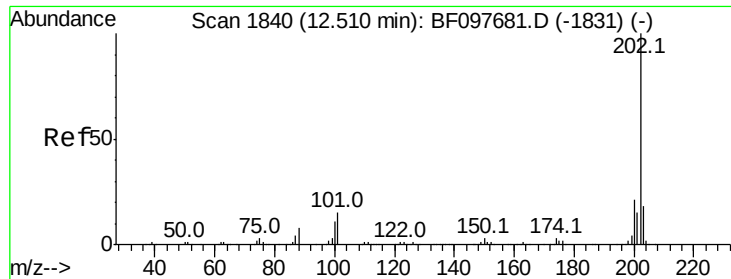
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF098331.D
 Acq: 7 Sep 2017 23:26

Tgt Ion:	188	Resp:	292914
Ion Ratio	Lower	Upper	
188	100		
94	11.2	9.4	14.2
80	11.7	10.2	15.2





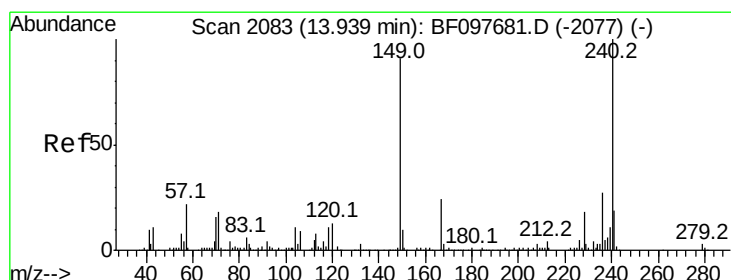
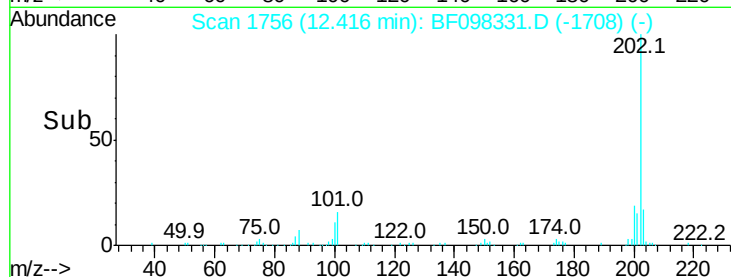
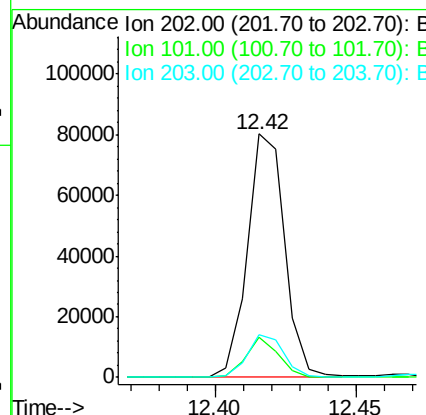
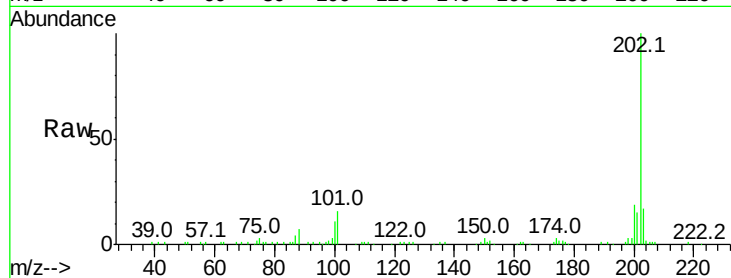
#74
Fluoranthene
Concen: 4.500 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098331.D
Acq: 7 Sep 2017 23:26

Instrument :
BNA_F
ClientSampled :
G61A-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.4	0.0	33.2
203	17.4	0.0	38.1

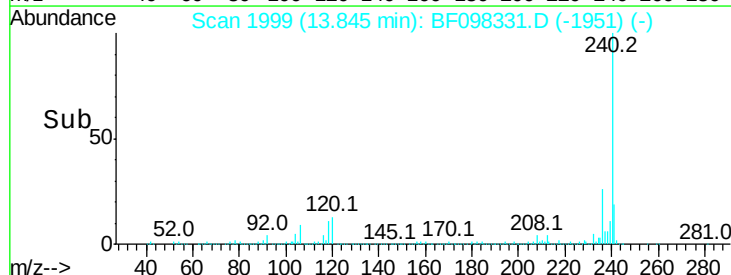
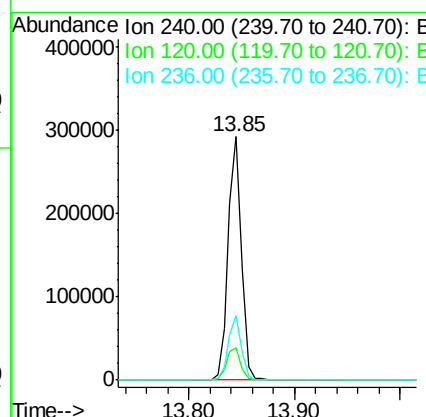
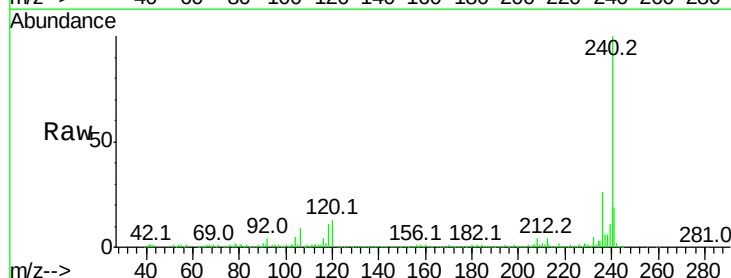
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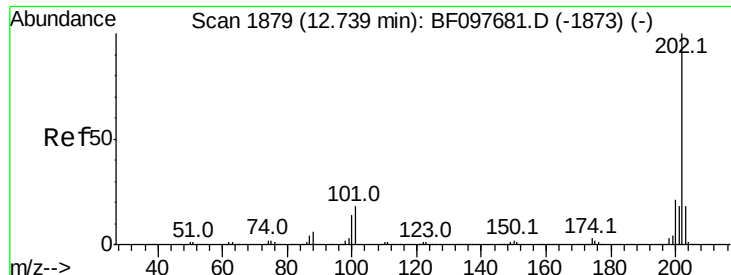
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098331.D
Acq: 7 Sep 2017 23:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	26.3	20.5	30.7





#77

Pvrene

Concen: 3.283 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF098331.D

Acq: 7 Sep 2017 23:26

Instrument :

BNA_F

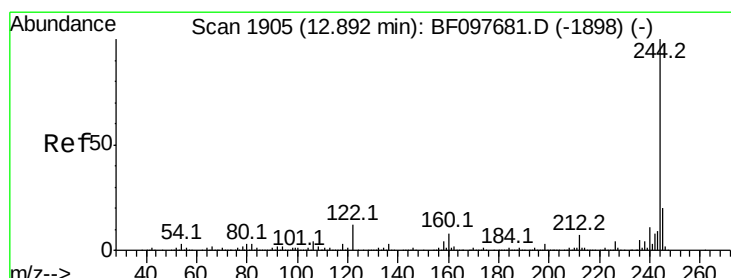
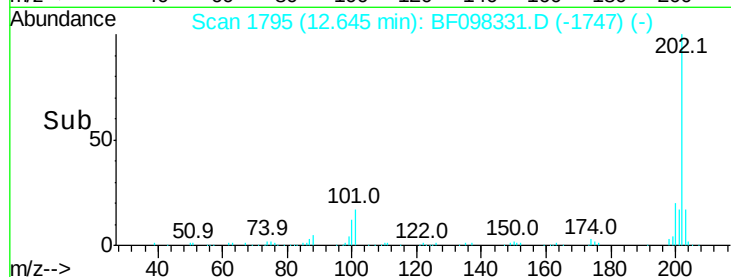
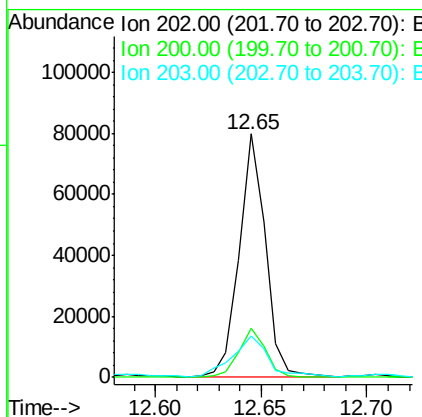
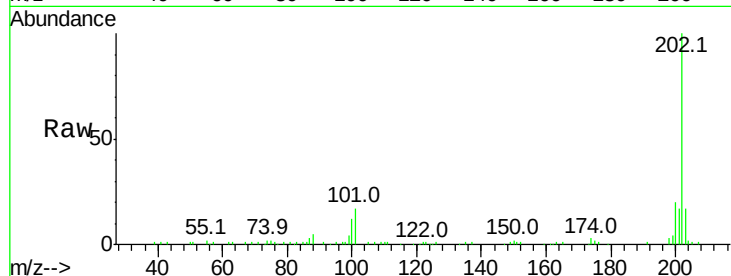
ClientSampled :

G61A-1.5-3

Tot Ion:	202	Resp:	69247
Ion Ratio	Lower	Upper	
202	100		
200	20.2	17.6	26.4
203	17.1	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 10.351 ng

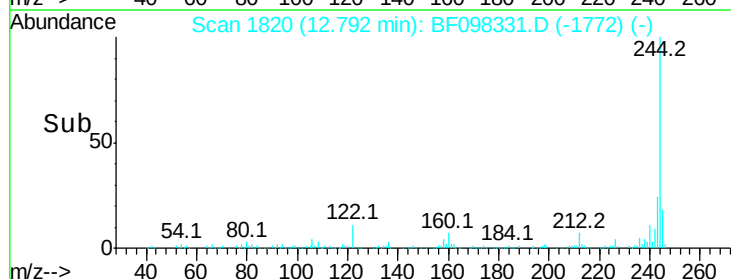
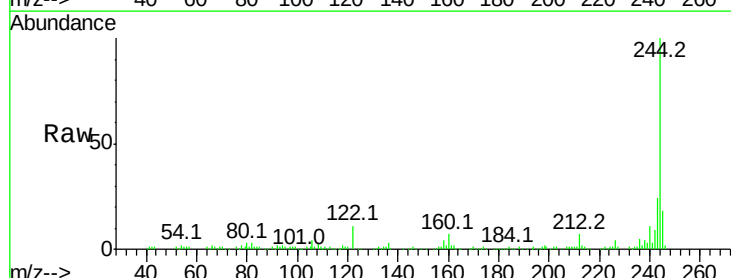
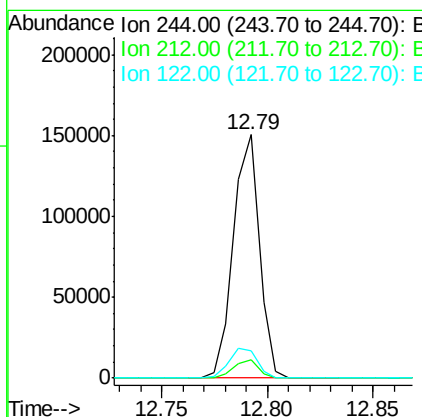
RT: 12.79 min Scan# 1820

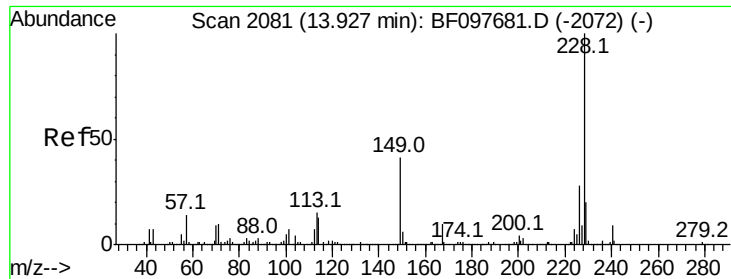
Delta R.T. -0.02 min

Lab File: BF098331.D

Acq: 7 Sep 2017 23:26

Tgt Ion:	244	Resp:	128003
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.0	9.0
122	11.0	10.3	15.5





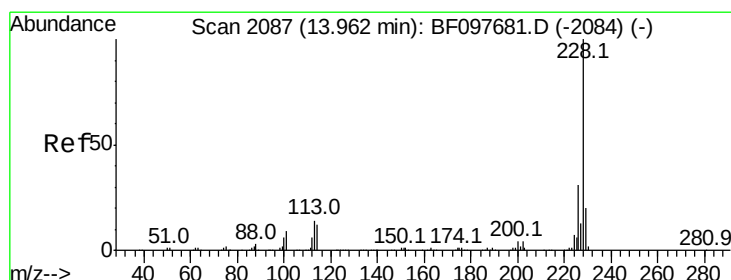
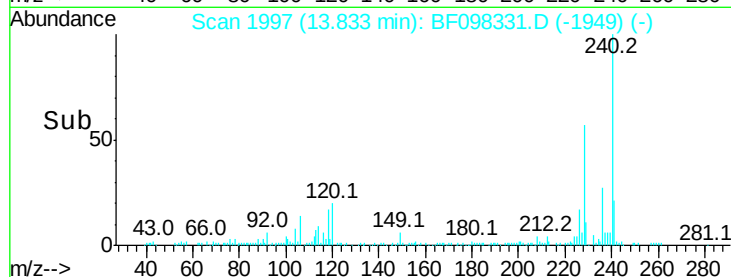
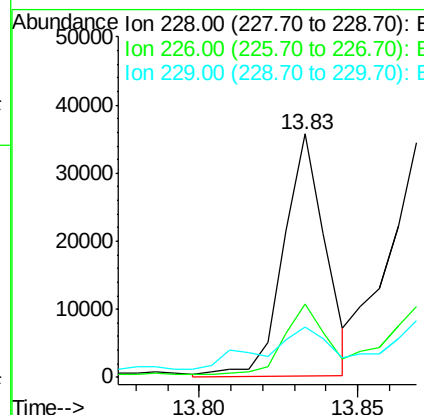
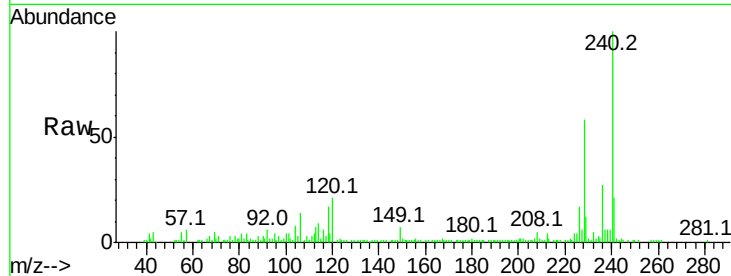
#80
Benzo(a)anthracene
Concen: 2.126 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF098331.D
Acq: 7 Sep 2017 23:26

Instrument :
BNA_F
ClientSampleId :
G61A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
228	100	32851		
226	30.1		22.6	33.8
229	20.6		16.3	24.5

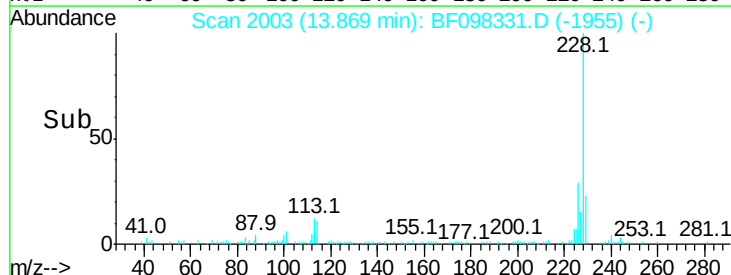
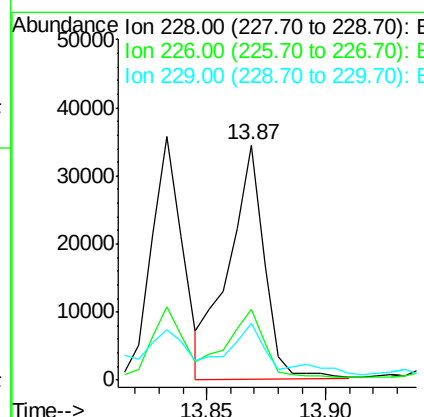
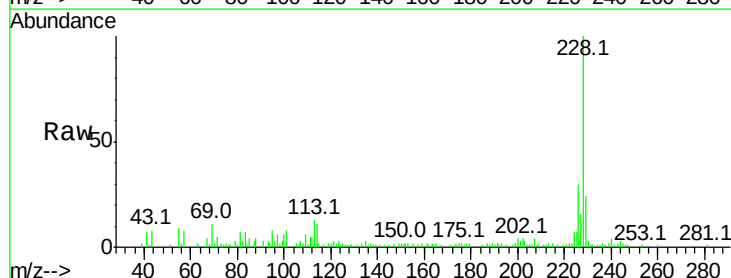
Manual Integrations
APPROVED

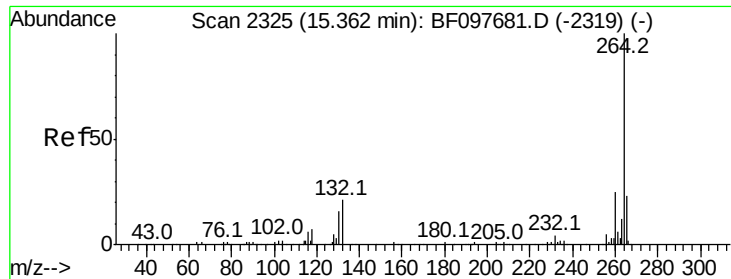
Sohil
9/8/2017 5:45:30 PM



#82
Chrysene
Concen: 2.345 ng m
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098331.D
Acq: 7 Sep 2017 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	36054		
226	30.2		24.9	37.3
229	24.3		15.8	23.6#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF098331.D

Acq: 7 Sep 2017 23:26

Instrument :

BNA_F

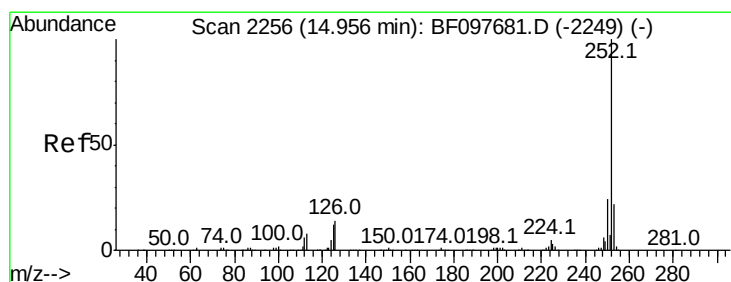
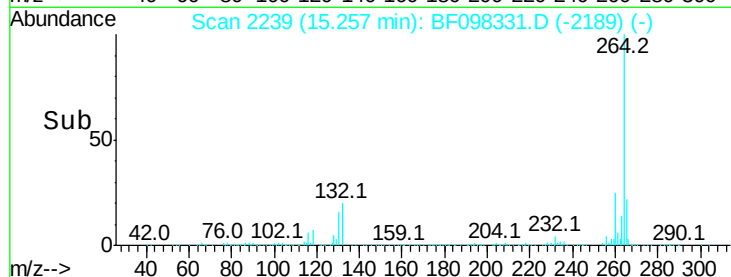
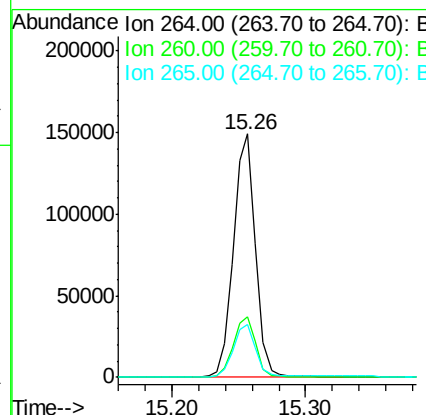
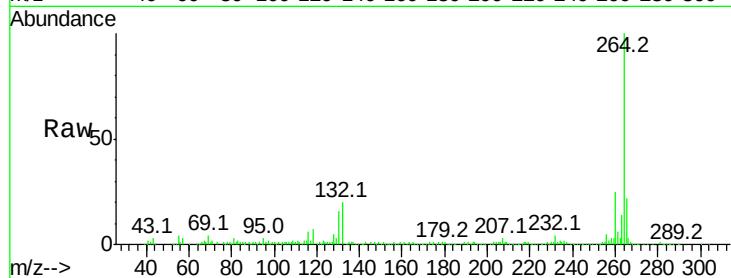
ClientSampleId :

G61A-1.5-3

Tot Ion:	264	Resp:	173288
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.5	29.3
265	21.9	17.2	25.8

Manual Integrations
APPROVED

Sohil
9/8/2017 5:45:30 PM



#87

Benzo(b)fluoranthene

Concen: 3.086 ng m

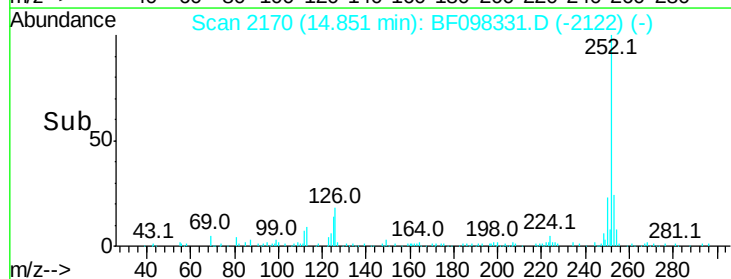
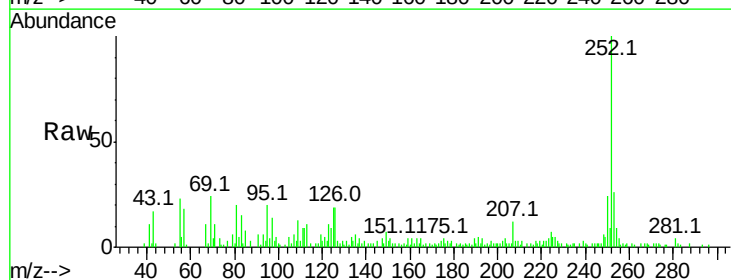
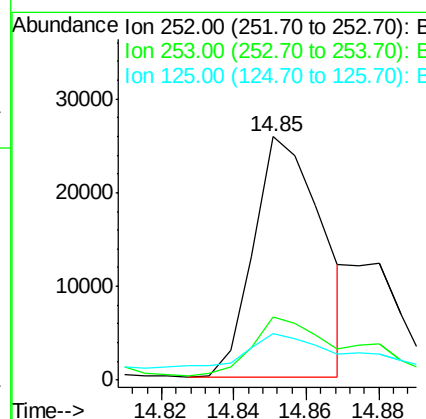
RT: 14.85 min Scan# 2170

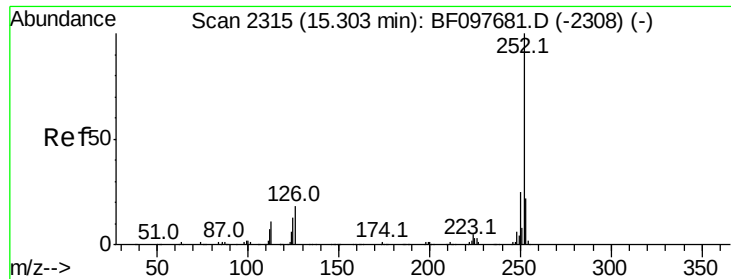
Delta R.T. -0.02 min

Lab File: BF098331.D

Acq: 7 Sep 2017 23:26

Tgt Ion:	252	Resp:	33706
Ion Ratio	Lower	Upper	
252	100		
253	26.0	18.1	27.1
125	18.9	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.125 ng

RT: 15.19 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BF098331.D

Acq: 7 Sep 2017 23:26

Instrument :

BNA_F

ClientSampleId :

G61A-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	27.4	17.5	26.3#
125	20.9	11.0	16.4#

Manual Integrations
APPROVED

Sohil
9/8/2017 5:45:30 PM

