

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098324.D
 Acq On : 7 Sep 2017 20:09
 Operator : SJ/JU
 Sample : I5053-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-1.5-3

Manual Integrations
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Sohil
 9/8/2017 5:45:24 PM

Quant Time: Sep 08 02:33:52 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	105003	20.00	ng	-0.02
21) Naphthalene-d8	7.97	136	410388	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	177821	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	320380	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	245250	20.00	ng	-0.02
86) Perylene-d12	15.26	264	192123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	688742	99.77	ng	0.00
7) Phenol-d6	6.34	99	936227	99.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	562482	74.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	166853	108.14	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	838329	69.27	ng	-0.02
78) Terphenyl-d14	12.80	244	627535	53.36	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.69	142	27405	2.098	ng	95
49) Dimethylphthalate	9.45	163	152573	11.738	ng	99
70) Phenanthrene	11.23	178	153060	8.965	ng	99
71) Anthracene	11.29	178	37884	2.188	ng	98
74) Fluoranthene	12.42	202	207813	11.662	ng	99
77) Pyrene	12.65	202	178473	8.898	ng	98
80) Benzo(a)anthracene	13.83	228	101884	6.931	ng	98
82) Chrysene	13.87	228	104460	7.144	ng	96
85) Indeno(1,2,3-cd)pyrene	16.62	276	36334	3.378	ng	# 91
87) Benzo(b)fluoranthene	14.86	252	123567m	10.204	ng	
88) Benzo(k)fluoranthene	14.88	252	34568m	3.038	ng	
89) Benzo(a)pyrene	15.20	252	61219	5.710	ng	# 94
91) Benzo(a,h,i)perylene	17.03	276	29935	3.287	ng	97

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

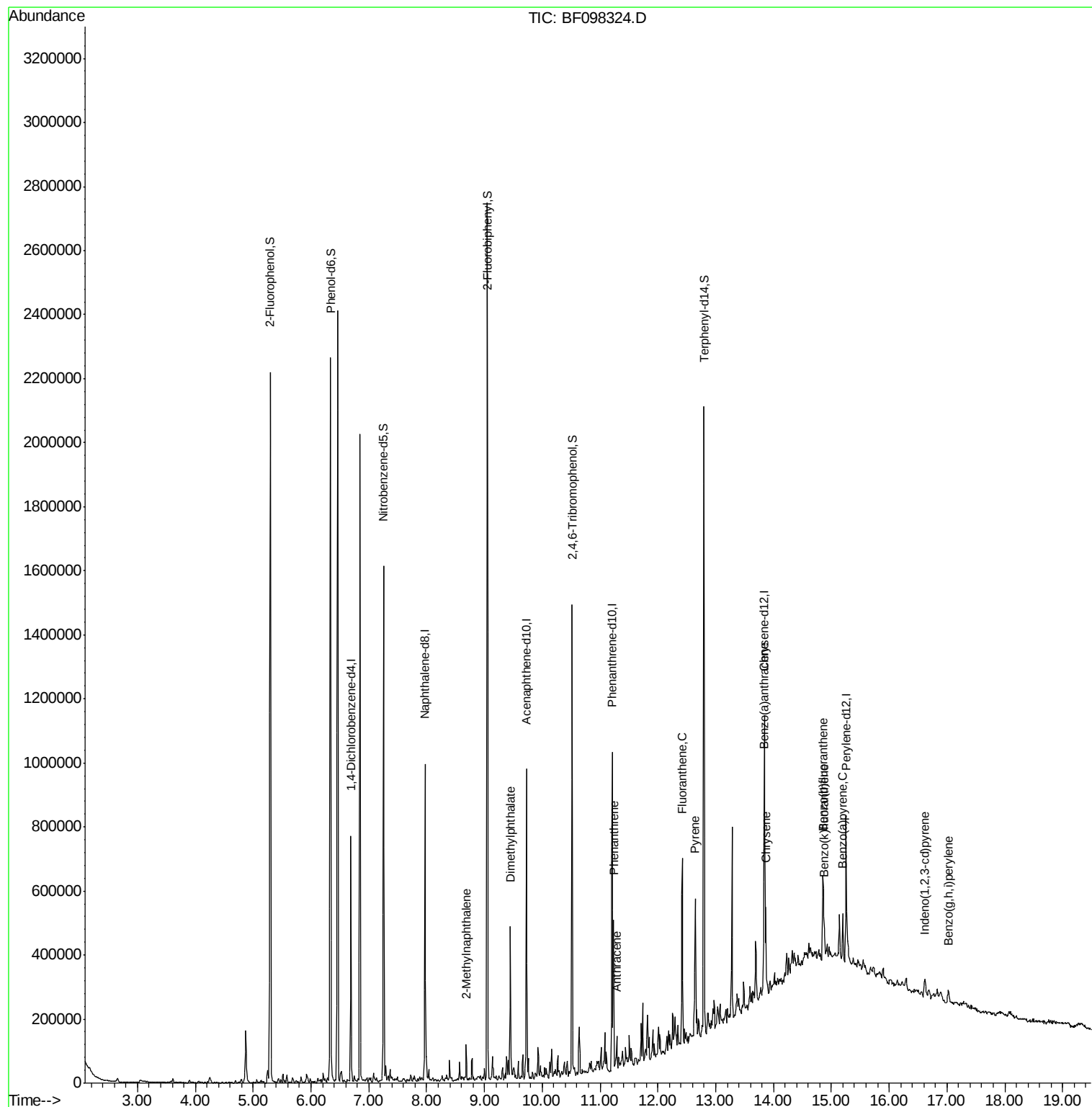
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098324.D
Acq On : 7 Sep 2017 20:09
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ALS Vial : 12 Sample Multiplier: 1

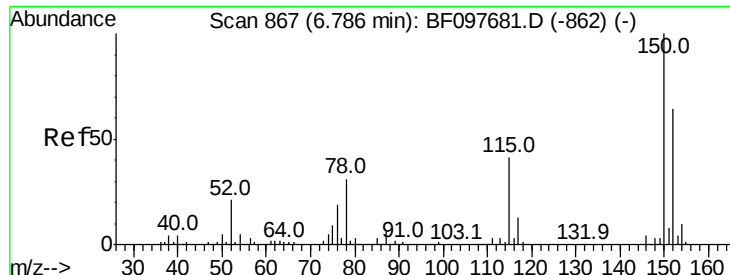
Instrument :
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G-62A-1.5-3

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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#1

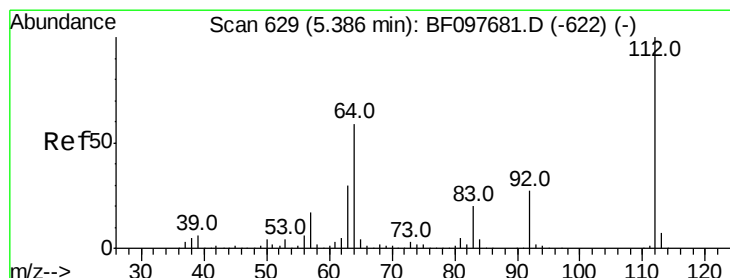
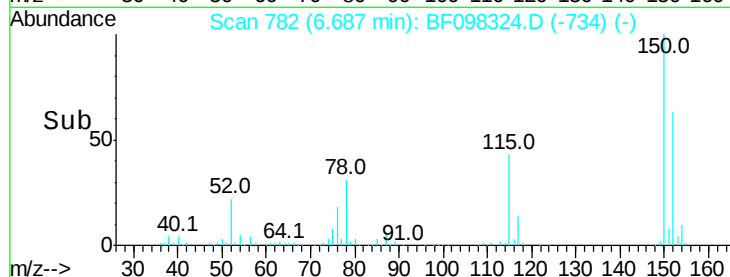
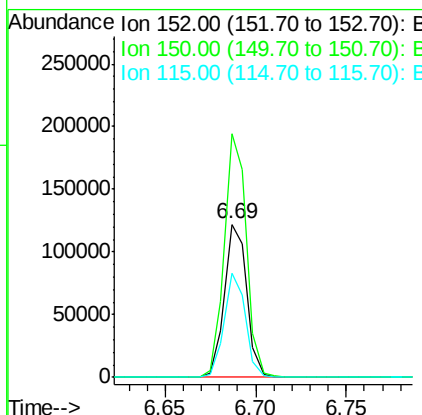
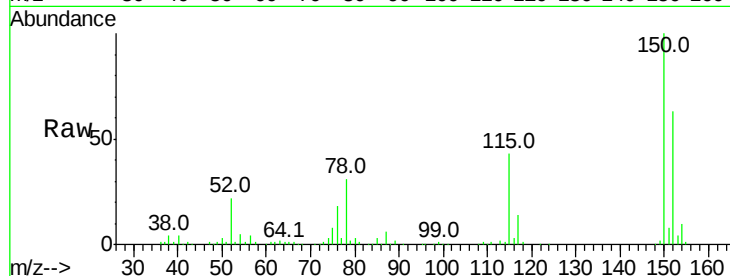
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	126.2	189.2
115	67.8	52.2	78.2

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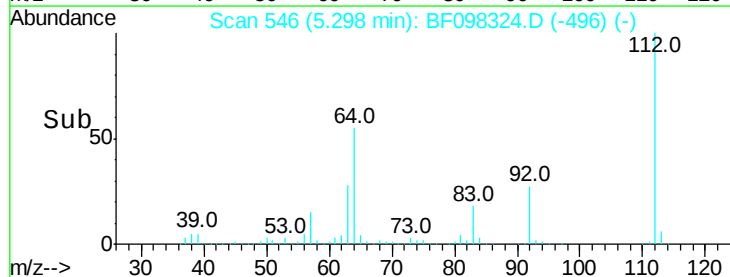
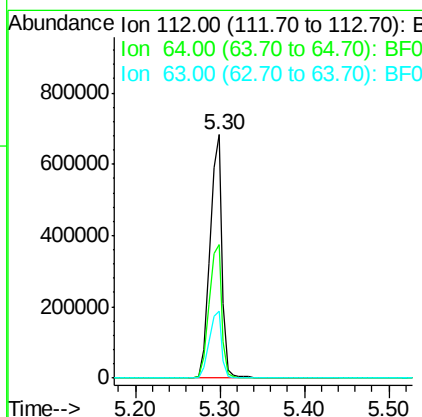
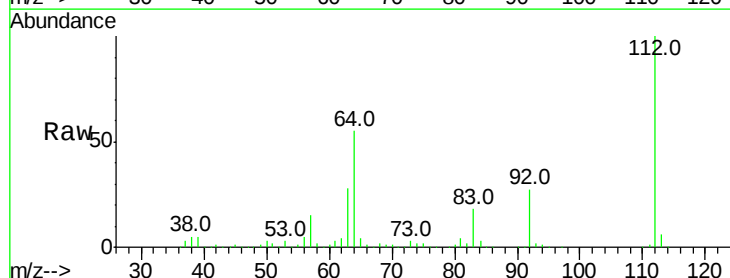
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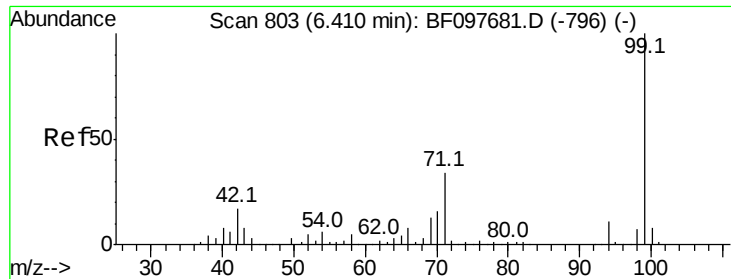


#5

2-Fluorophenol
Concen: 99.771 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.7	23.4	35.0





#7

Phenol-d6

Concen: 99.816 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098324.D

Acq: 7 Sep 2017 20:09

Instrument :

BNA_F

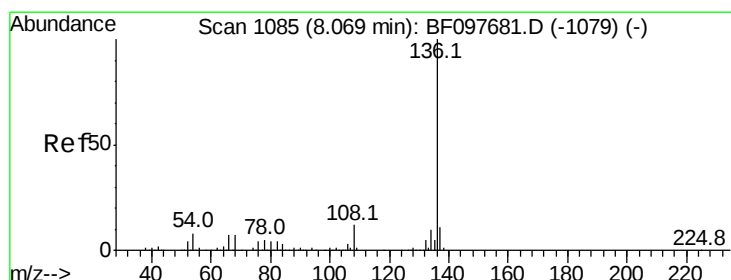
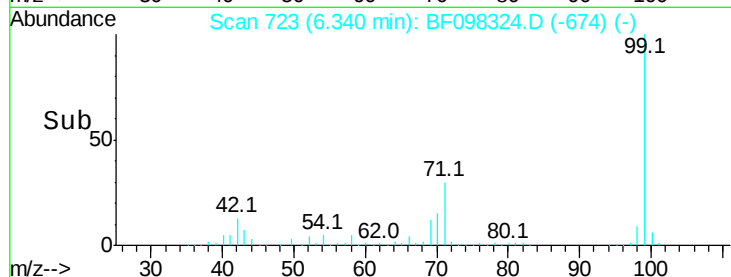
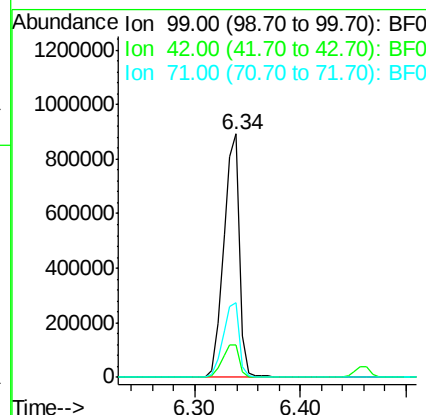
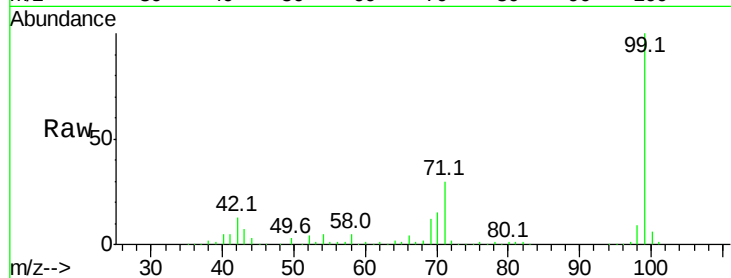
ClientSampleId :

G-62A-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		936227		
42	13.3	13.5	20.3#		
71	30.5	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

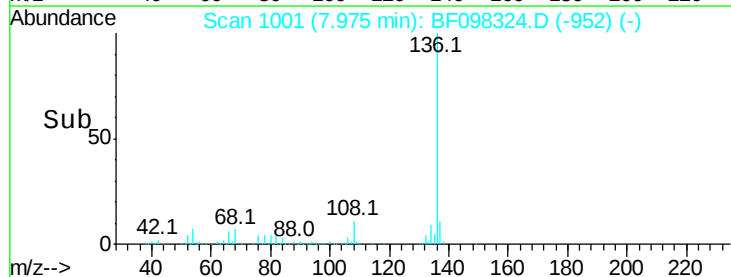
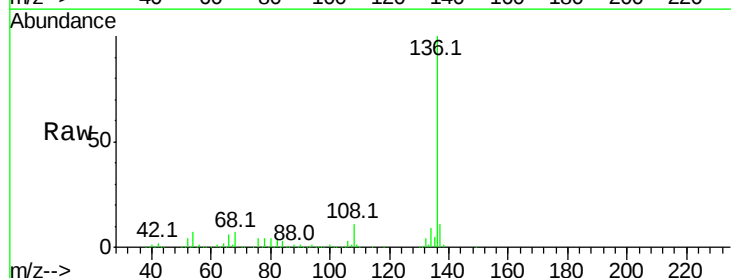
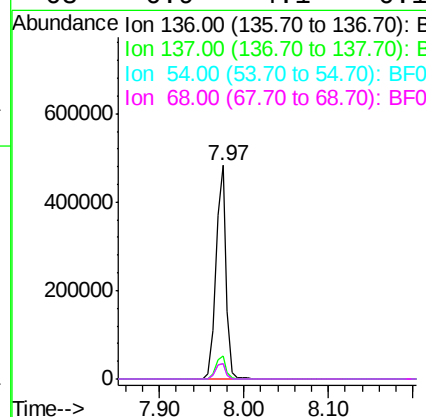
RT: 7.97 min Scan# 1001

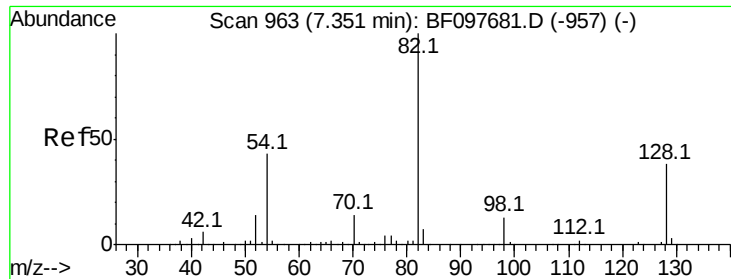
Delta R.T. -0.01 min

Lab File: BF098324.D

Acq: 7 Sep 2017 20:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		410388		
137	10.9	8.5	12.7		
54	7.0	4.9	7.3		
68	6.9	4.1	6.1#		





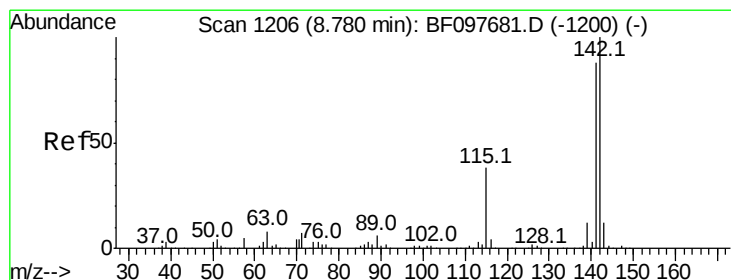
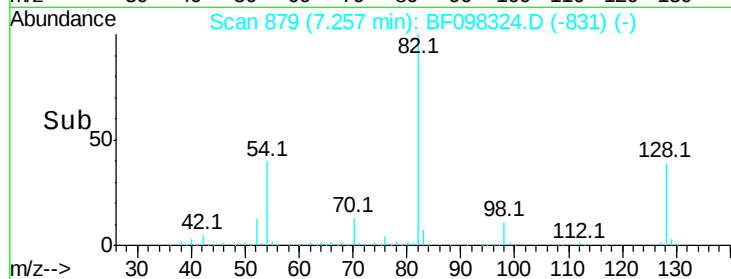
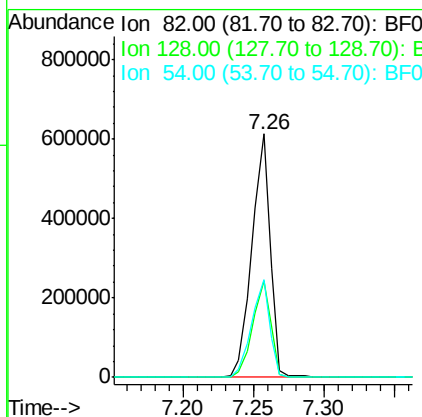
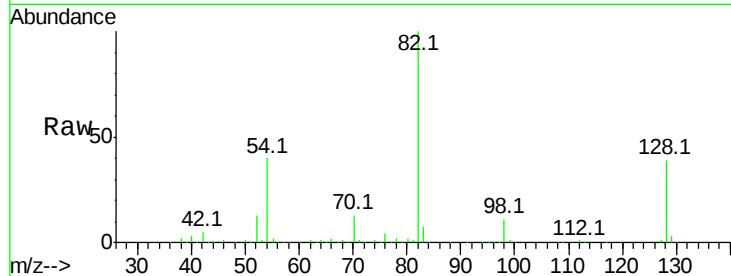
#23
 Nitrobenzene-d5
 Concen: 74.458 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098324.D
 Acq: 7 Sep 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.4	34.0	51.0	
54	40.0	42.2	63.2	

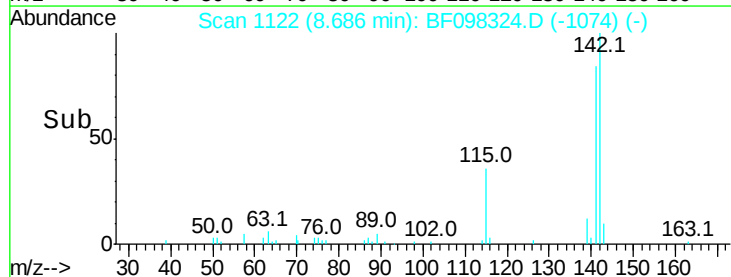
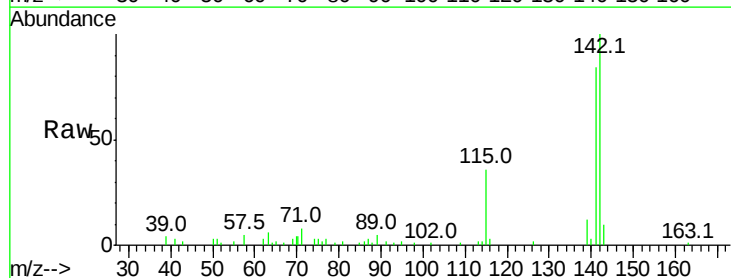
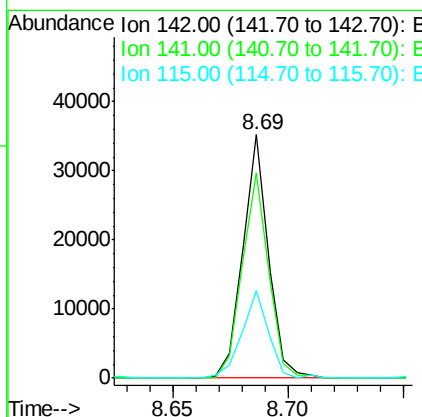
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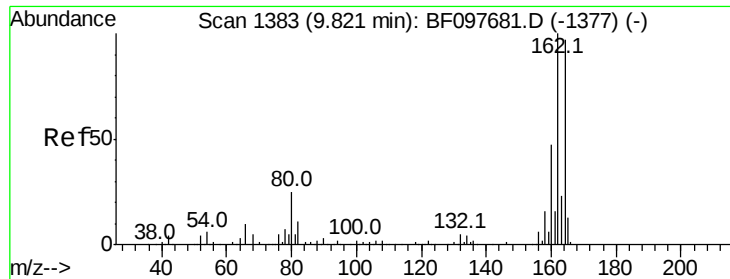
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#37
 2-Methylnaphthalene
 Concen: 2.098 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF098324.D
 Acq: 7 Sep 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	84.2	71.3	106.9	
115	35.9	27.1	40.7	





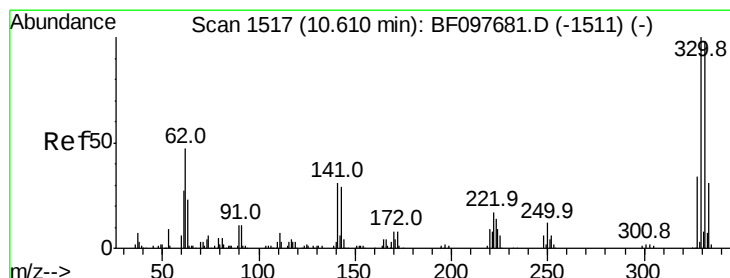
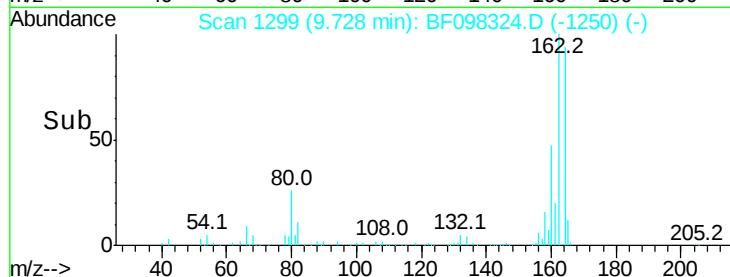
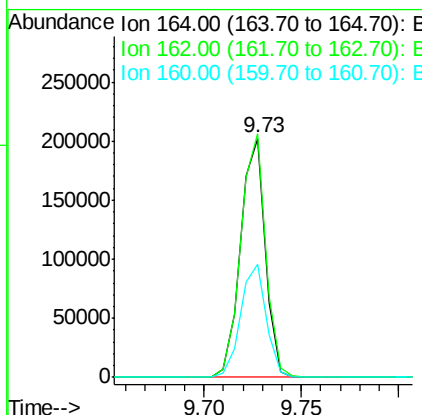
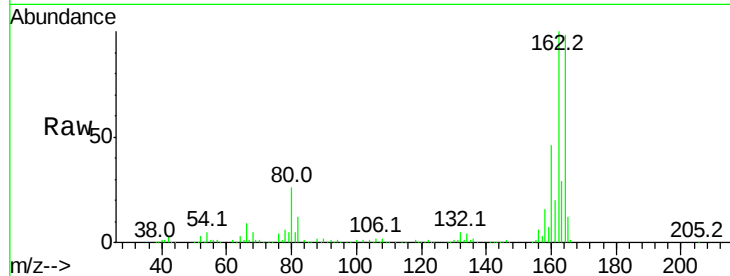
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
164	100	177821		
162	102.0	82.6	123.8	
160	47.3	36.2	54.2	

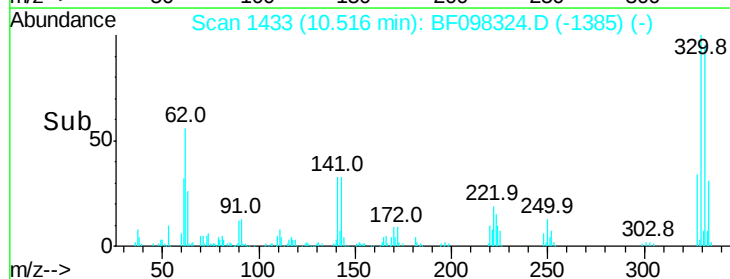
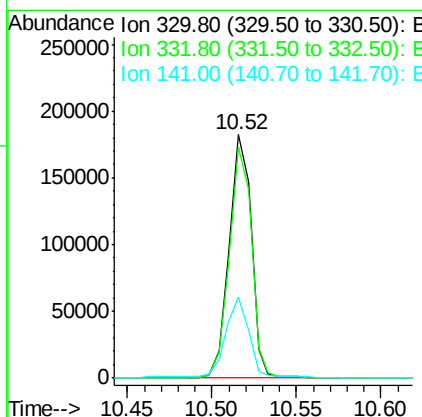
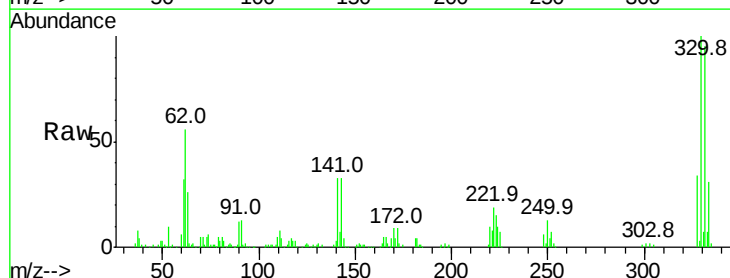
Manual Integrations
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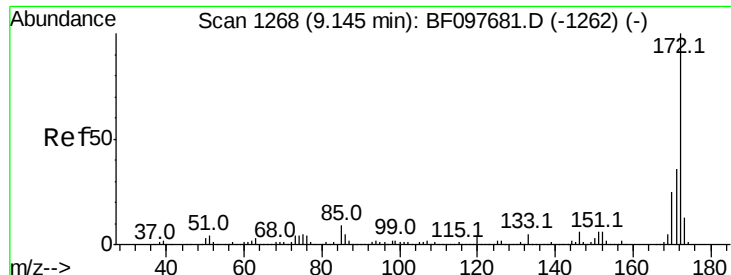
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#41
2,4,6-Tribromophenol
Concen: 108.143 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	166853		
332	95.4	76.6	115.0	
141	37.3	31.4	47.2	





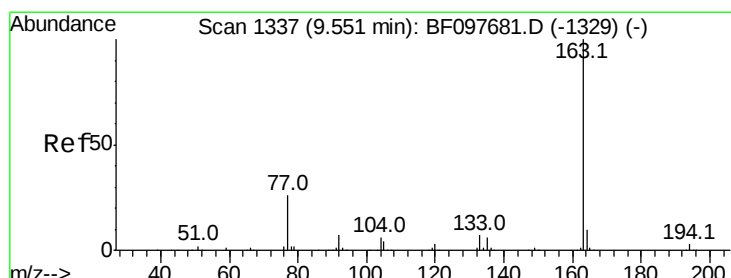
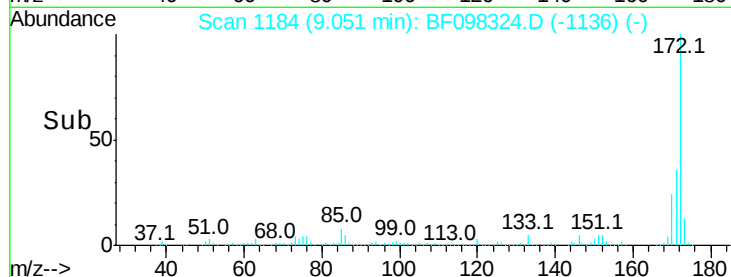
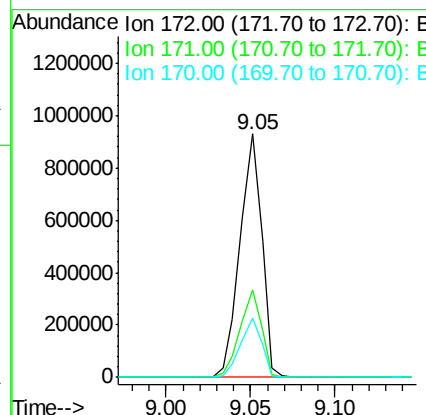
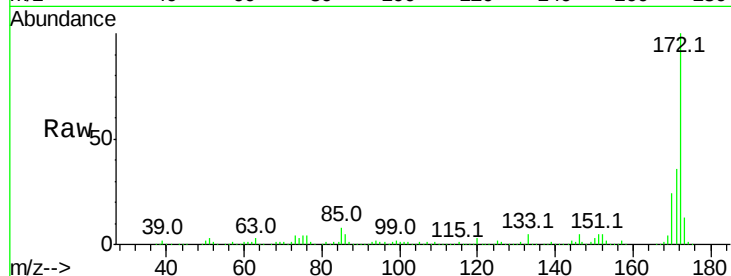
#44
 2-Fluorobiphenyl
 Concen: 69.265 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098324.D
 Acq: 7 Sep 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :
 G-62A-1.5-3

Tot Ion:	172	Resp:	838329
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.3	19.8	29.8

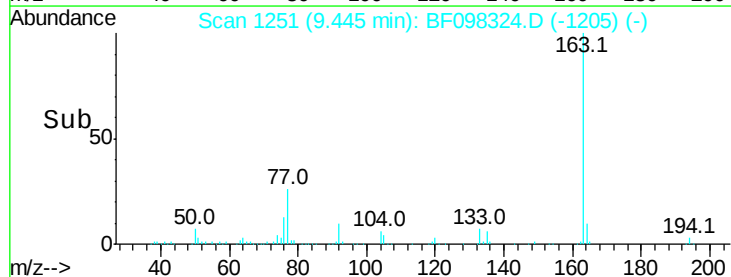
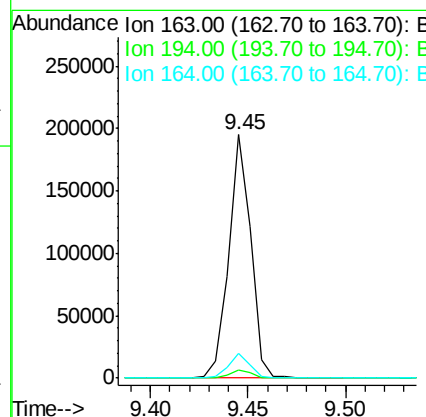
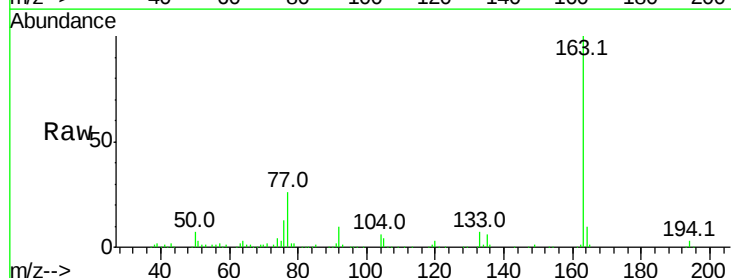
Manual Integrations
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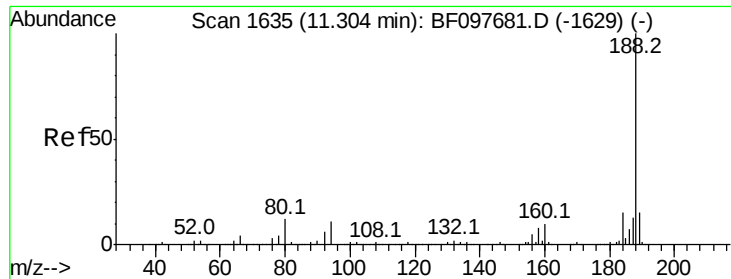
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#49
 Dimethylphthalate
 Concen: 11.738 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.03 min
 Lab File: BF098324.D
 Acq: 7 Sep 2017 20:09

Tgt Ion:	163	Resp:	152573
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6





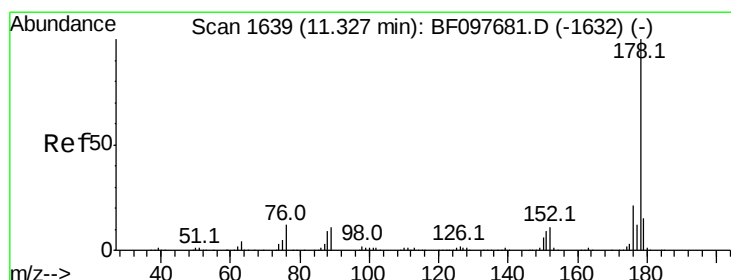
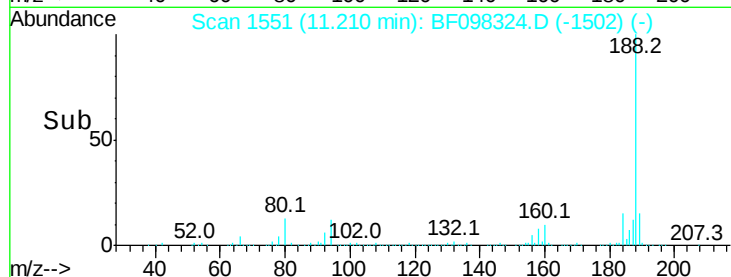
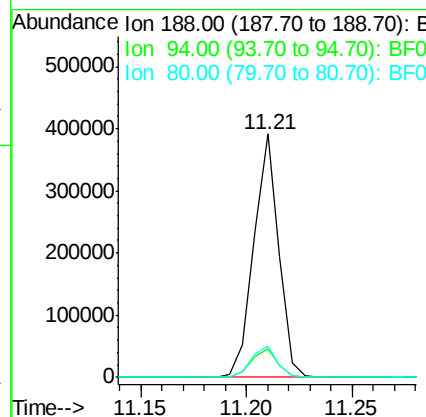
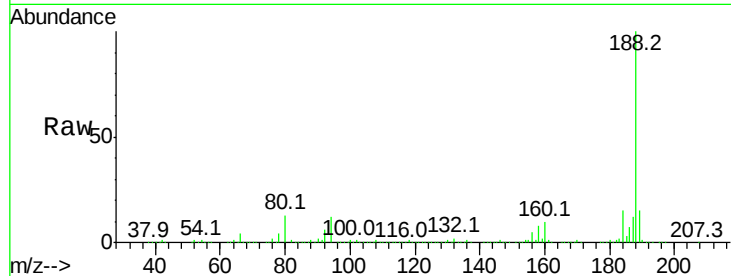
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampled :
G-62A-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.6	9.4	14.2
80	13.0	10.2	15.2

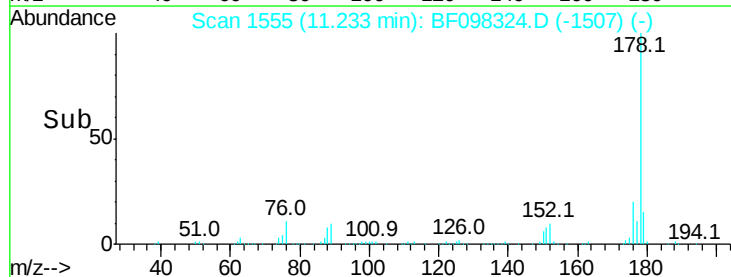
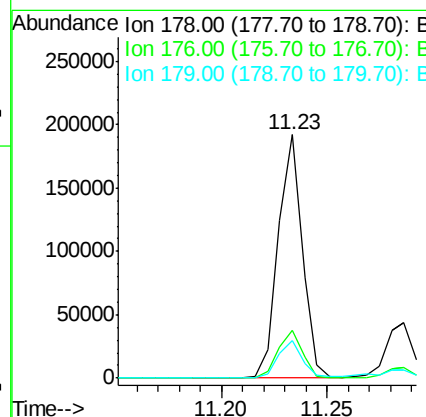
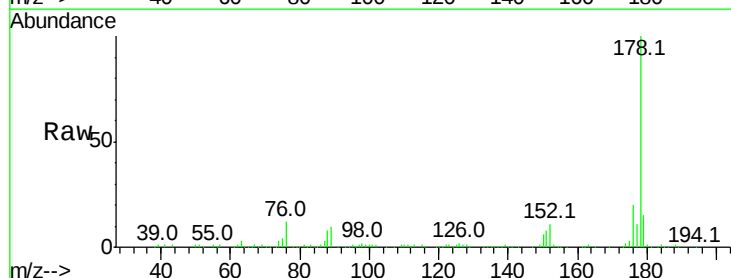
Manual Integrations
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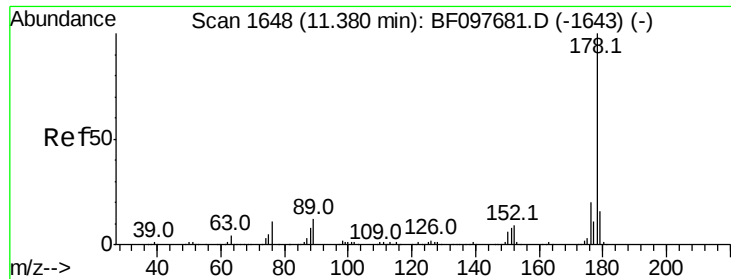
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#70
Phenanthrene
Concen: 8.965 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.2	12.6	19.0





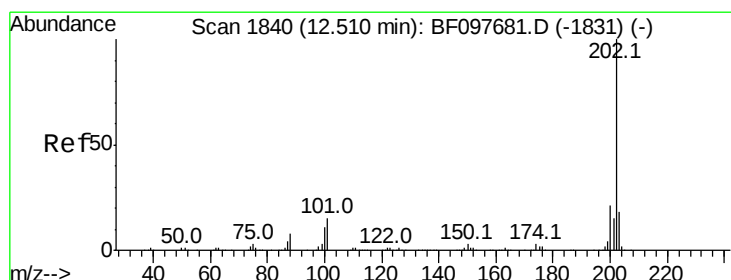
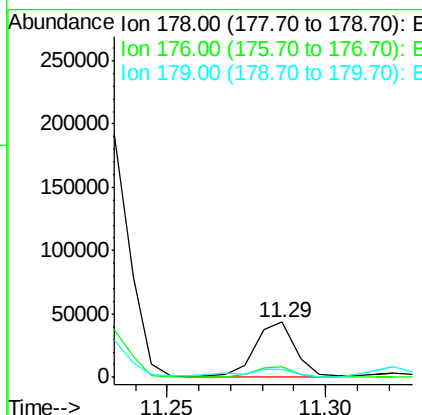
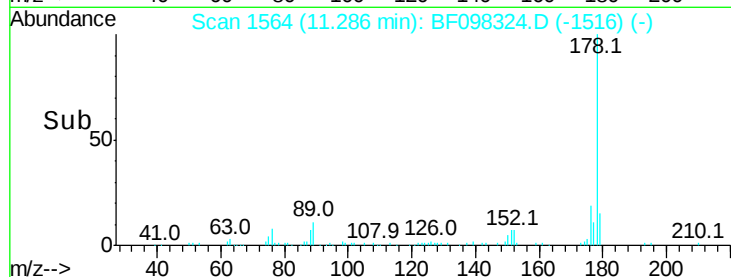
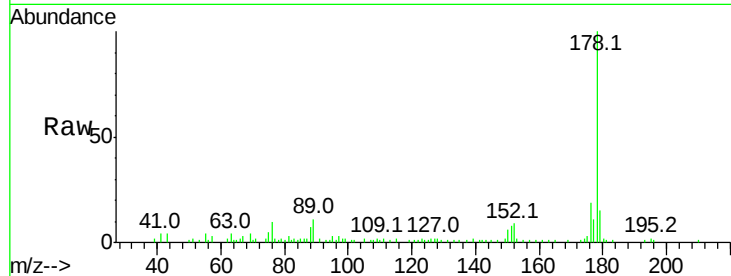
#71
 Anthracene
 Concen: 2.188 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: BF098324.D
 Acq: 7 Sep 2017 20:09

Instrument :
 BNA_F
 ClientSampled :
 G-62A-1.5-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.0	12.7	19.1

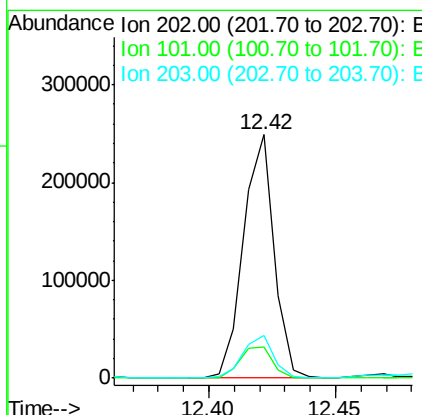
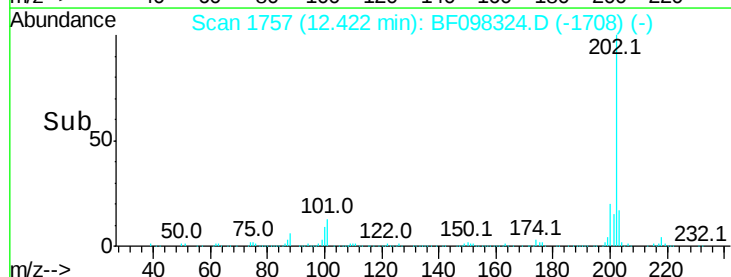
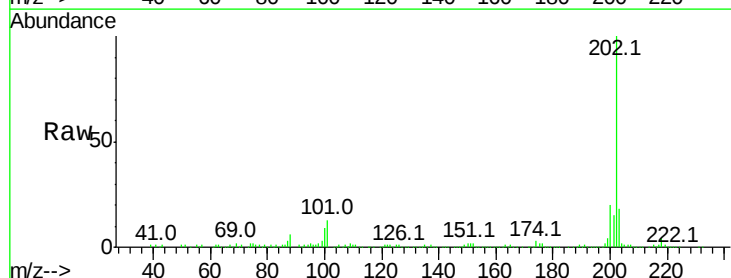
Manual Integrations
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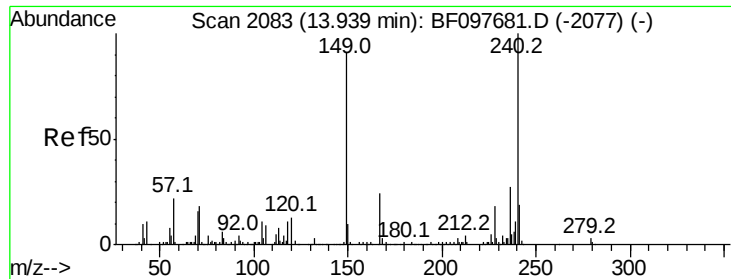
Sohil
 9/8/2017 5:45:24 PM



#74
 Fluoranthene
 Concen: 11.662 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF098324.D
 Acq: 7 Sep 2017 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098324.D

Acq: 7 Sep 2017 20:09

Instrument :

BNA_F

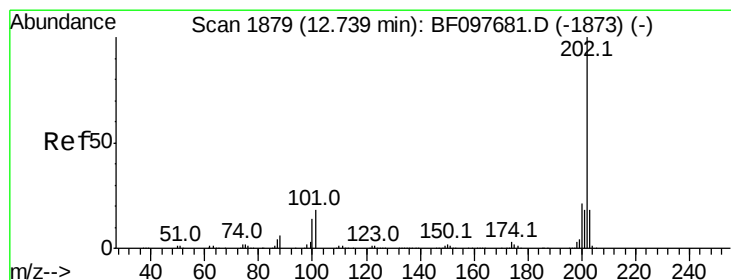
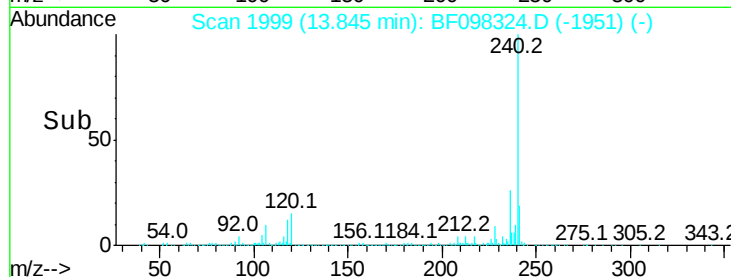
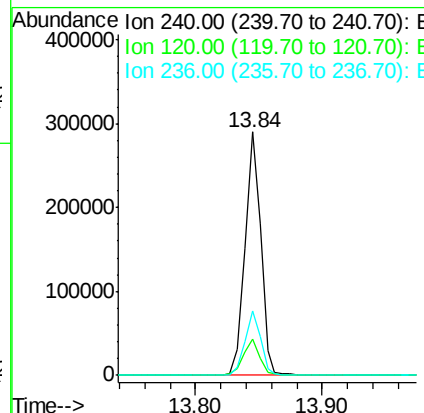
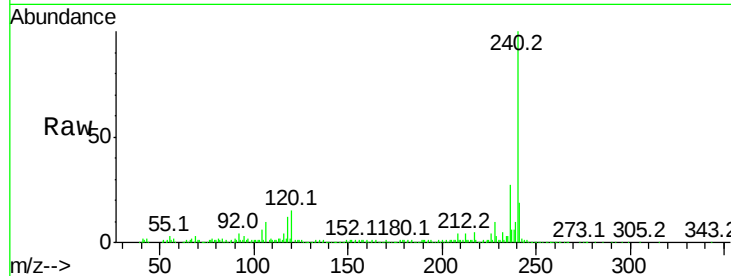
ClientSampleId :

G-62A-1.5-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	26.5	20.5	30.7

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#77

Pyrene

Concen: 8.898 ng

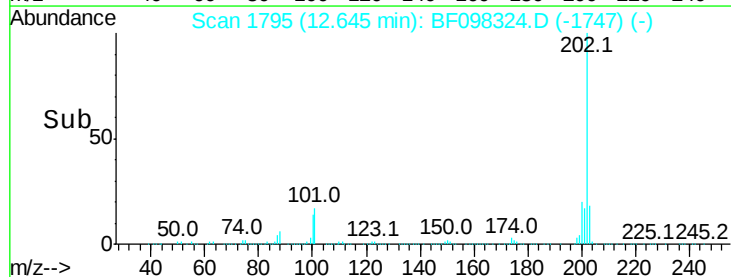
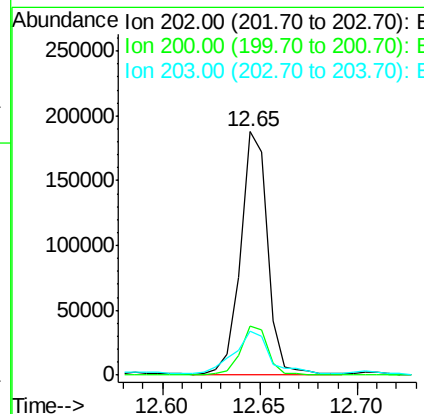
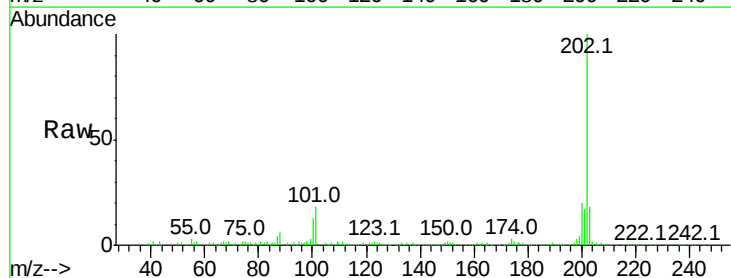
RT: 12.65 min Scan# 1795

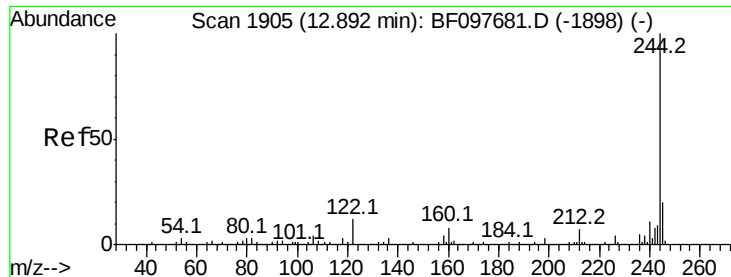
Delta R.T. -0.02 min

Lab File: BF098324.D

Acq: 7 Sep 2017 20:09

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	18.1	14.4	21.6





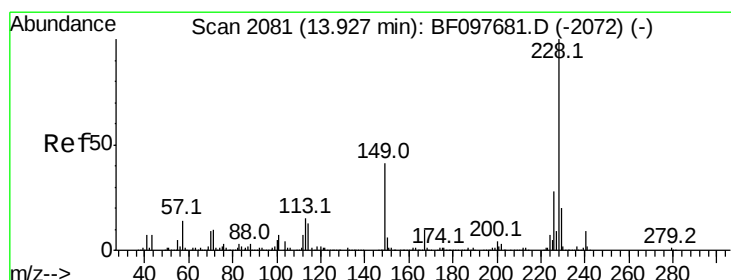
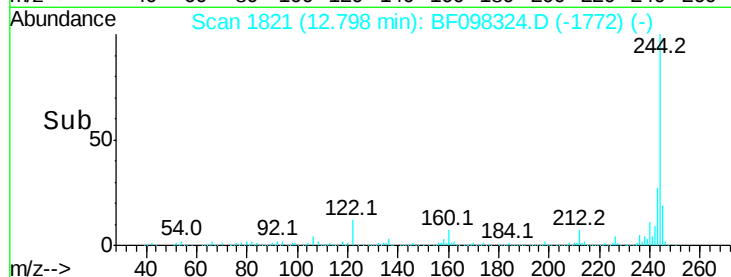
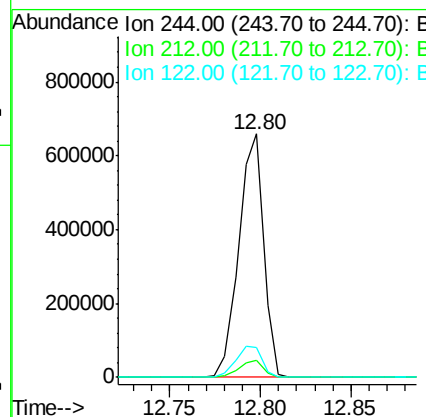
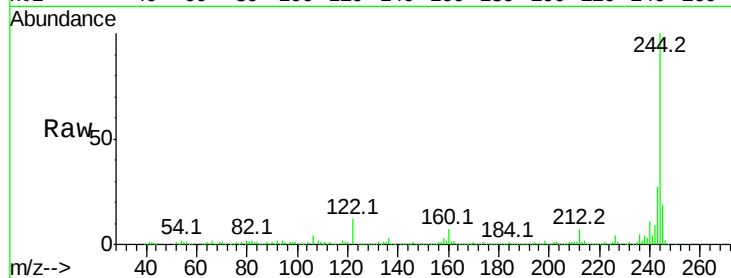
#78
 Terphenyl-d14
 Concen: 53.359 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098324.D
 Acq: 7 Sep 2017 20:09

Instrument :
 BNA_F
 ClientSampled :
 G-62A-1.5-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.2	10.3	15.5

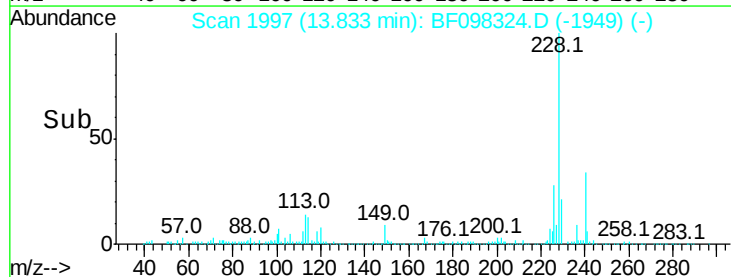
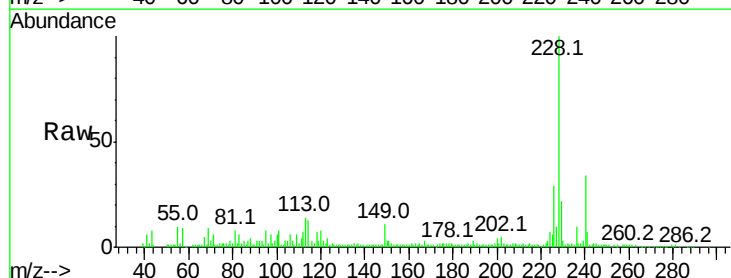
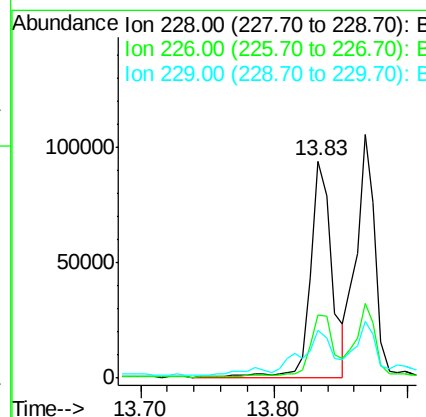
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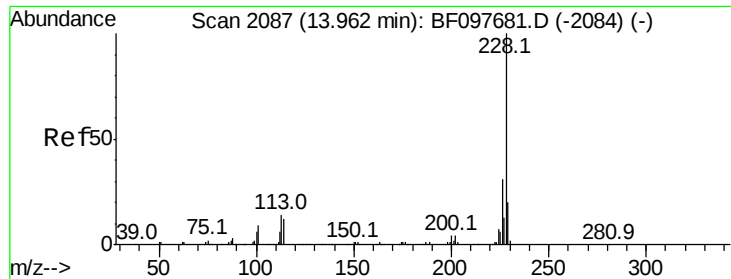
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#80
 Benzo(a)anthracene
 Concen: 6.931 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.02 min
 Lab File: BF098324.D
 Acq: 7 Sep 2017 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	22.1	16.3	24.5





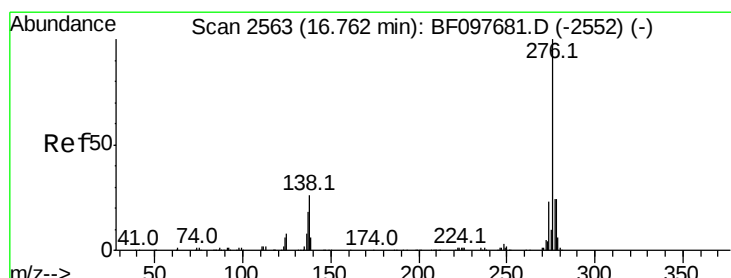
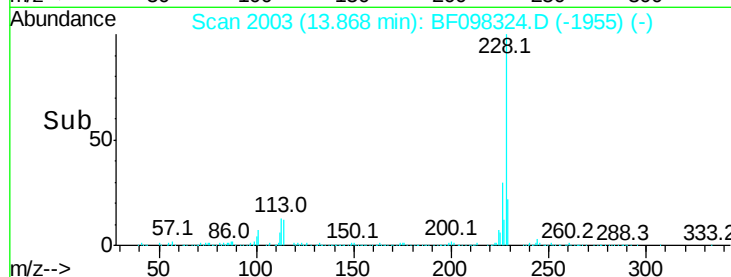
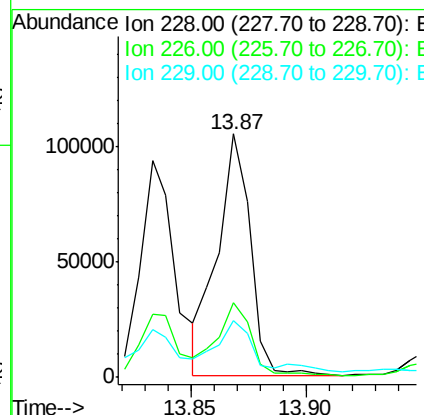
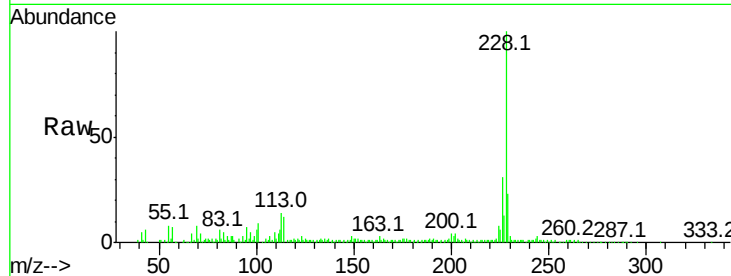
#82
Chrysene
Concen: 7.144 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
228	100	104460		
226	30.6	24.9	37.3	
229	23.2	15.8	23.6	

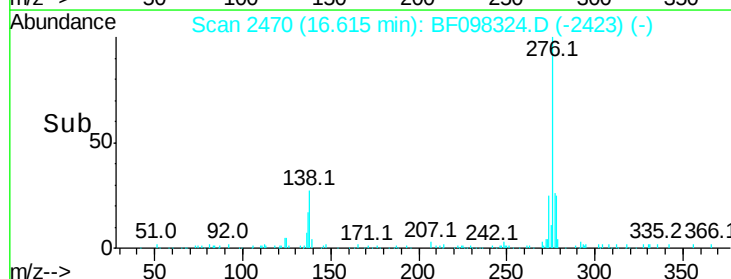
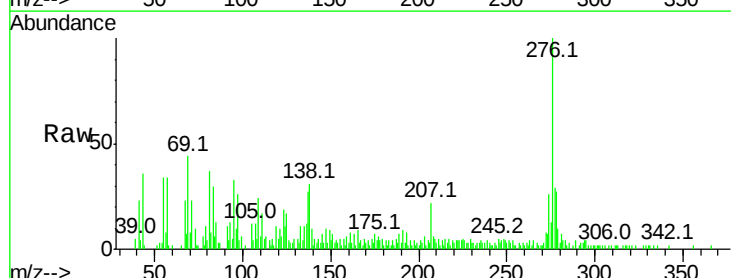
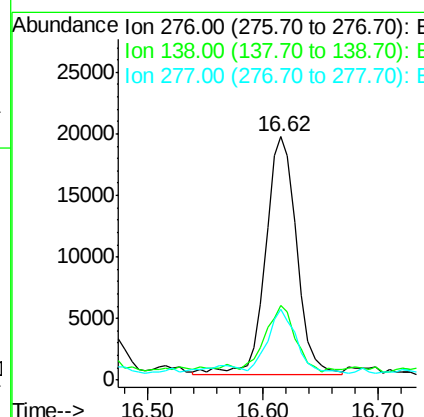
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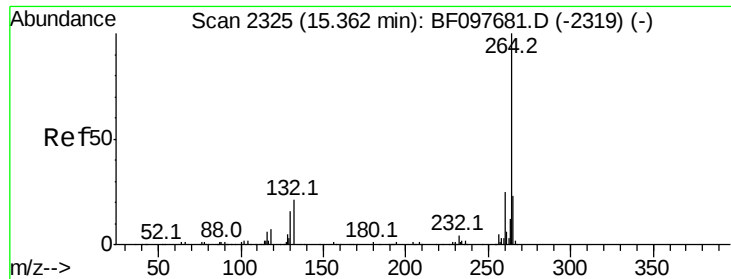
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.378 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	36334		
138	26.8	27.8	41.6#	
277	24.3	20.2	30.4	





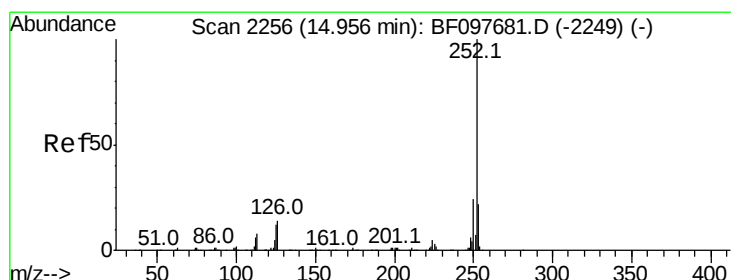
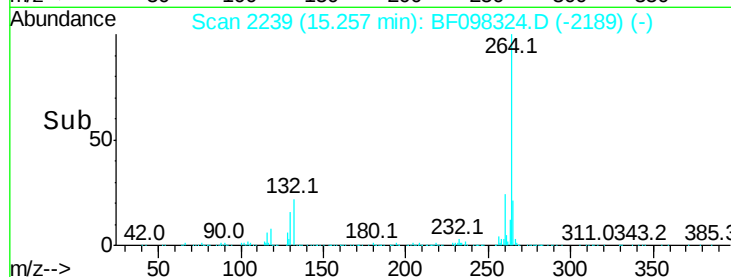
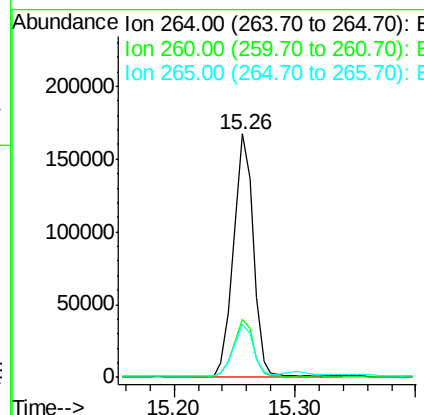
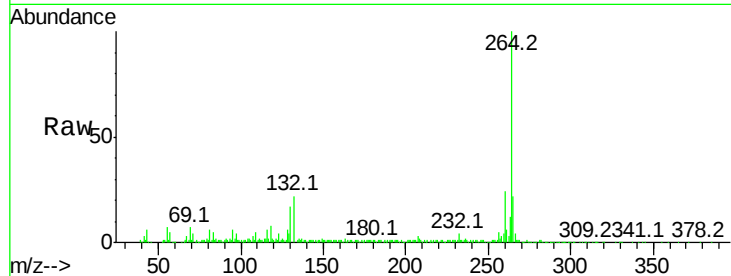
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8

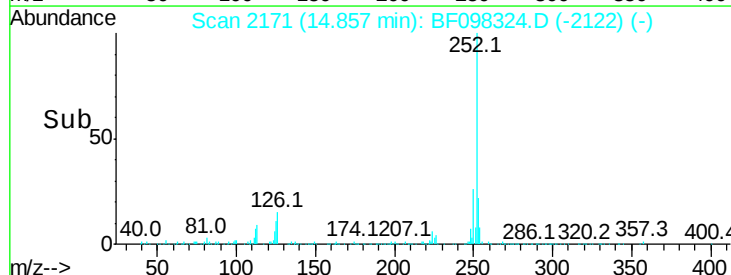
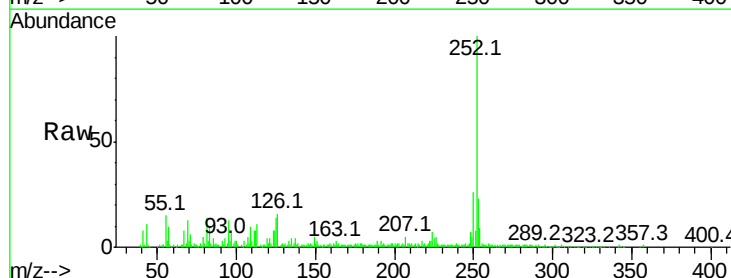
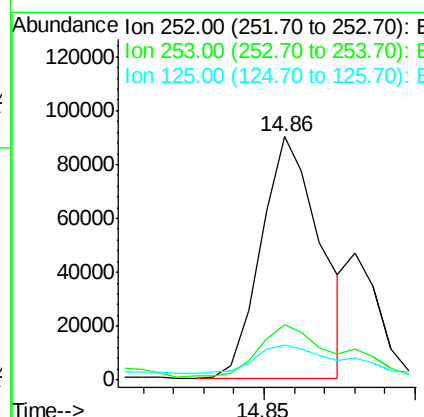
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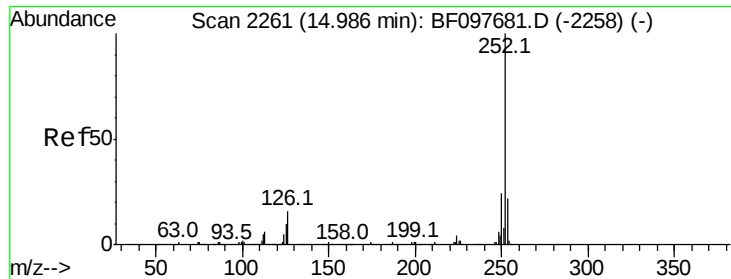
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#87
Benzo(b)fluoranthene
Concen: 10.204 ng m
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	14.4	9.8	14.8





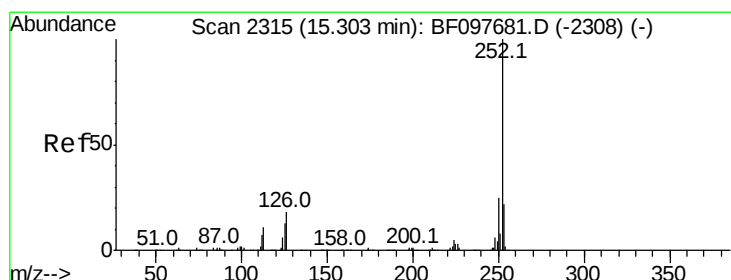
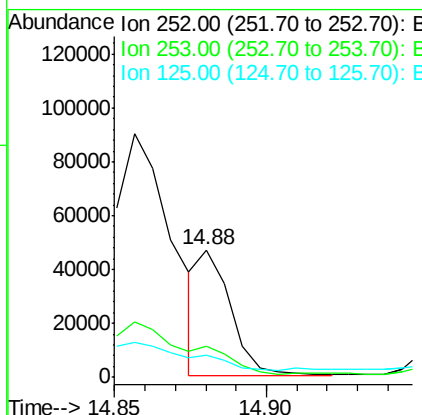
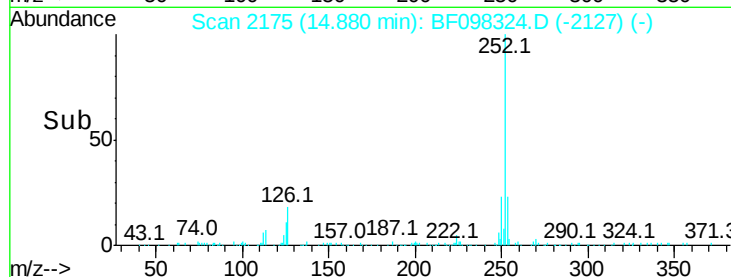
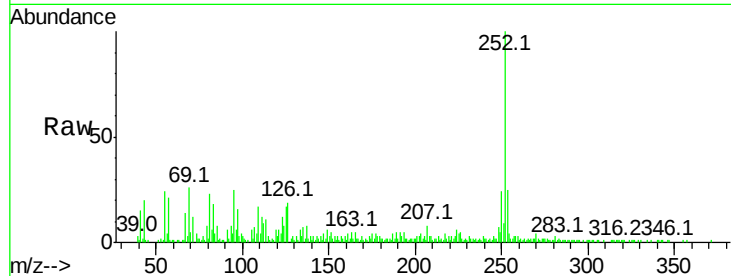
#88
Benzo(k)fluoranthene
Concen: 3.038 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tot Ion:	252	Resp:	34568
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.4	27.6
125	17.2	13.1	19.7

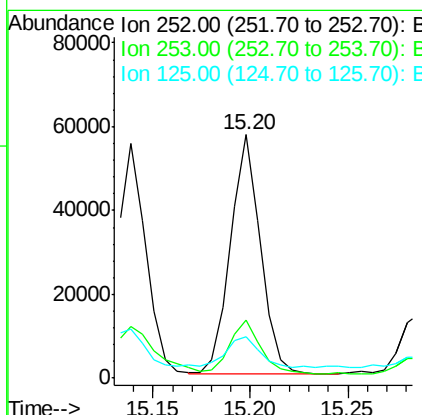
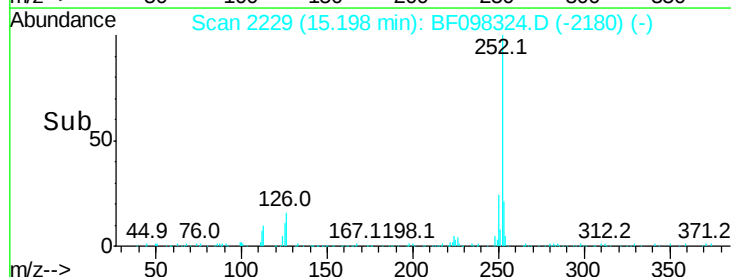
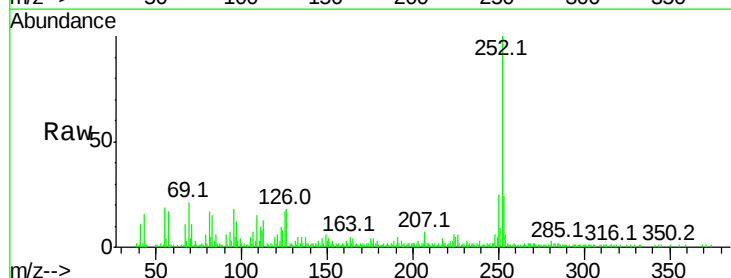
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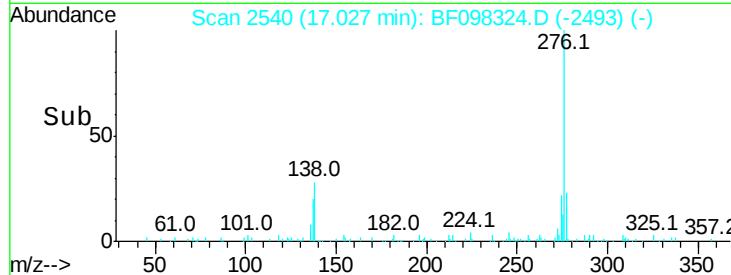
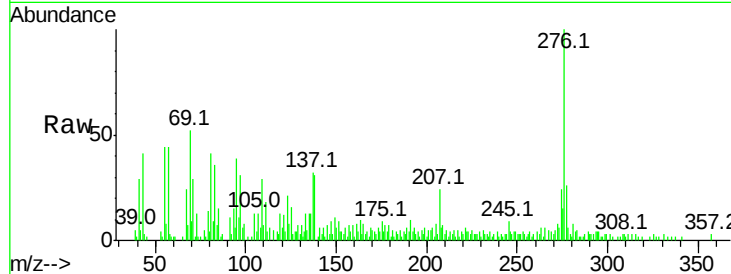
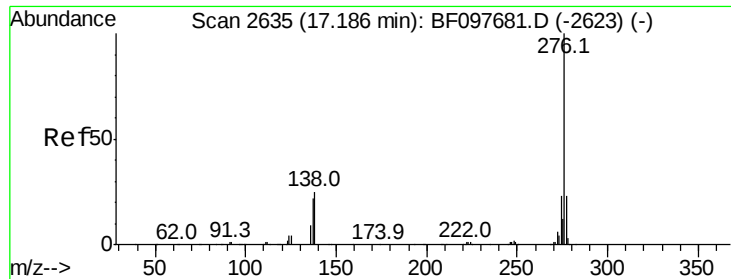
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#89
Benzo(a)pyrene
Concen: 5.710 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Tgt Ion:	252	Resp:	61219
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.5	26.3
125	17.1	11.0	16.4#





#91
Benzo(a,h,i)perylene
Concen: 3.287 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF098324.D
Acq: 7 Sep 2017 20:09

Instrument :
BNA_F
ClientSampleId :
G-62A-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	26.2	18.6	28.0	
138	31.1	25.4	38.0	

Manual Integrations
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