

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090717\
 Data File : BF098335.D
 Acq On : 8 Sep 2017 1:18
 Operator : SJ/JU
 Sample : I5071-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G55A-2.5-4.5

Manual Integrations
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Quant Time: Sep 08 04:13:33 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	109978	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	413775	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	171192	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	275458	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	234933	20.00	ng	-0.02
86) Perylene-d12	15.26	264	193659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	819888	113.40	ng	0.00
7) Phenol-d6	6.34	99	1135200	115.56	ng	-0.01
23) Nitrobenzene-d5	7.26	82	665310	87.35	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	175398	118.08	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1007583	86.47	ng	-0.02
78) Terphenyl-d14	12.80	244	686202	60.91	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	171476	13.703	ng	99
70) Phenanthrene	11.23	178	63952	4.357	ng	99
74) Fluoranthene	12.42	202	123507	8.061	ng	99
77) Pyrene	12.65	202	122658	6.384	ng	98
80) Benzo(a)anthracene	13.83	228	86264	6.126	ng	93
82) Chrysene	13.87	228	91600	6.540	ng	96
83) Bis(2-ethylhexyl)phthalate	13.83	149	27791	3.404	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.62	276	33639	3.265	ng	93
87) Benzo(b)fluoranthene	14.86	252	141542m	11.595	ng	
88) Benzo(k)fluoranthene	14.88	252	35499m	3.095	ng	
89) Benzo(a)pyrene	15.20	252	68675	6.355	ng	99
91) Benzo(a,h,i)perylene	17.02	276	32679	3.560	ng	97

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

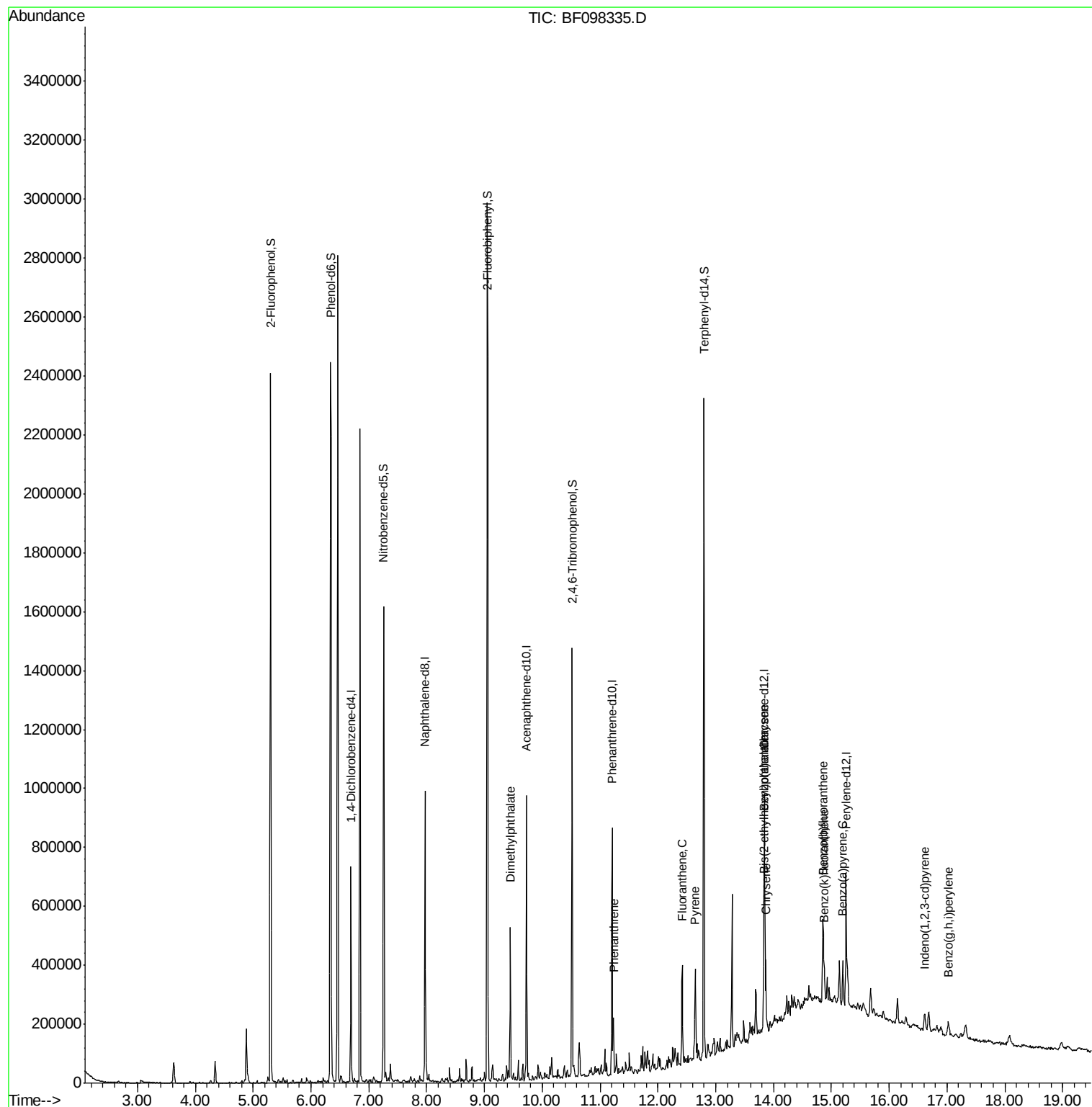
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098335.D
Acq On : 8 Sep 2017 1:18
Operator : SJ/JU
Sample : I5071-14
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ALS Vial : 25 Sample Multiplier: 1

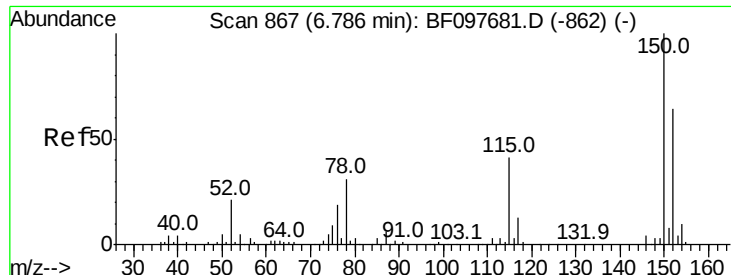
Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

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Quant Time: Sep 08 04:13:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

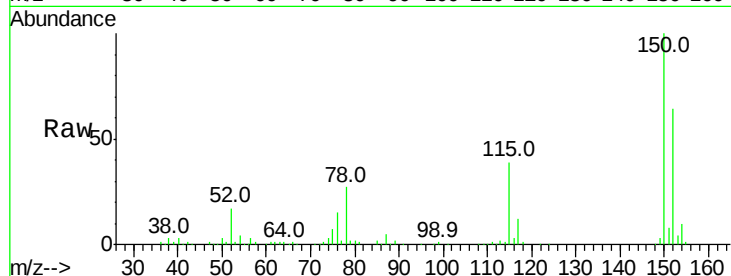
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	60.4	52.2	78.2

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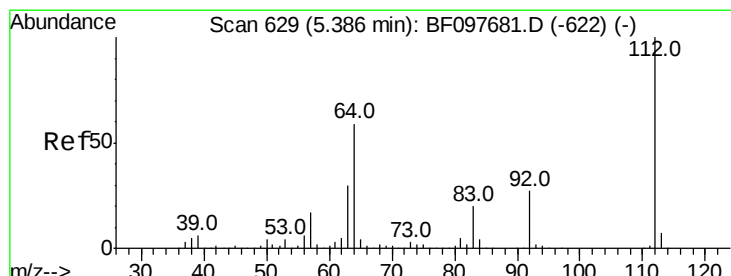
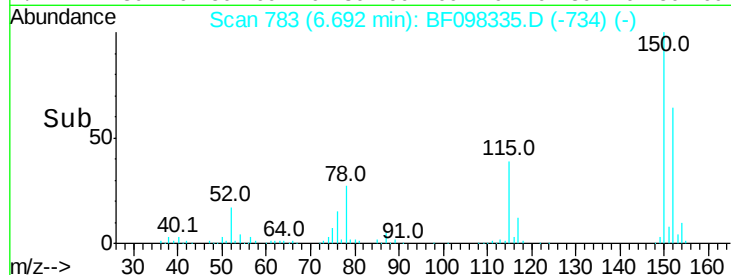
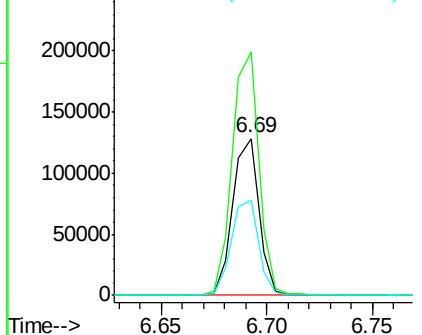


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

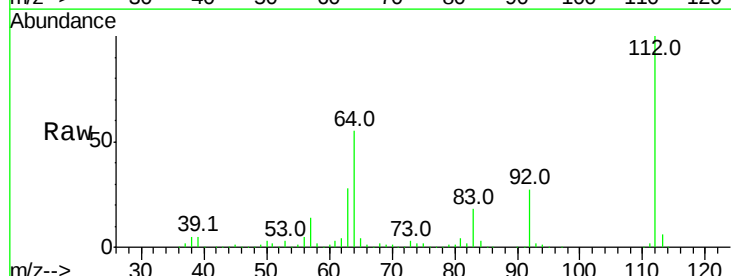
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.396 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	46.0	69.0
63	27.5	23.4	35.0

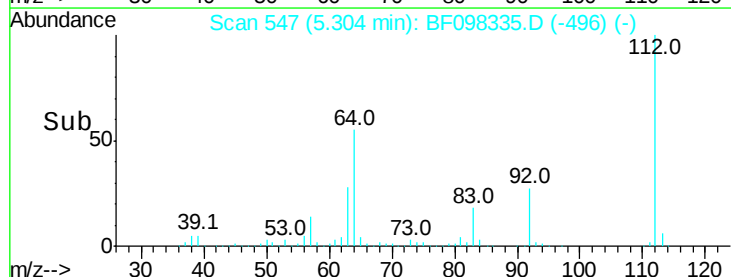
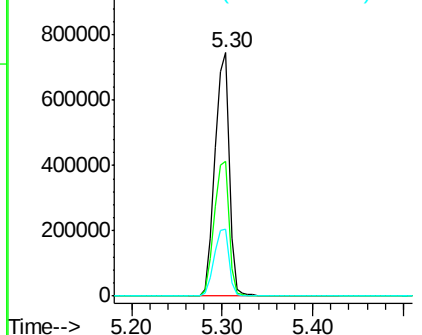


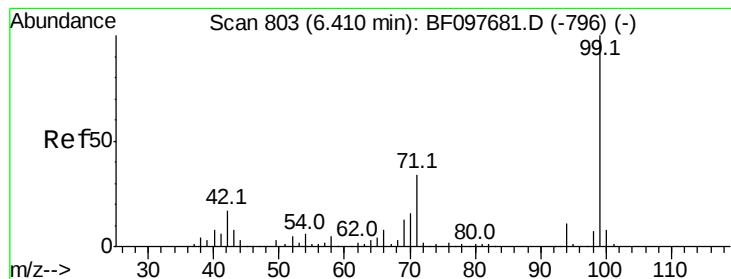
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.555 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098335.D

Acq: 8 Sep 2017 1:18

Instrument :

BNA_F

ClientSampleId :

G55A-2.5-4.5

Tot Ion: 99 Resp: 1135200

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

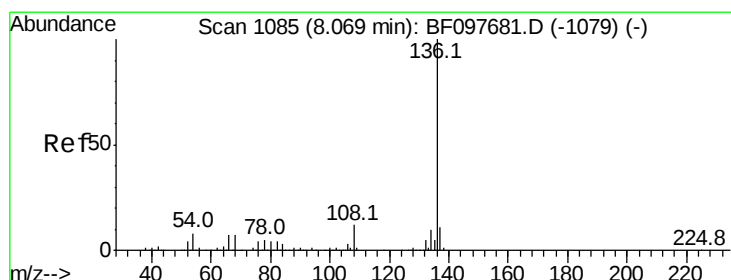
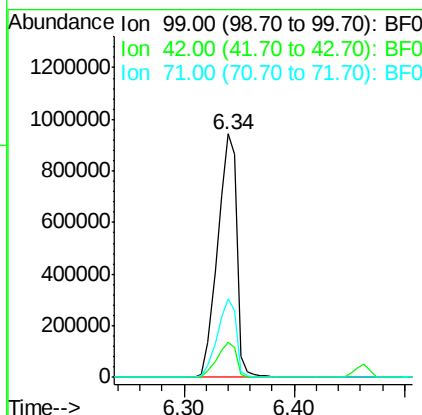
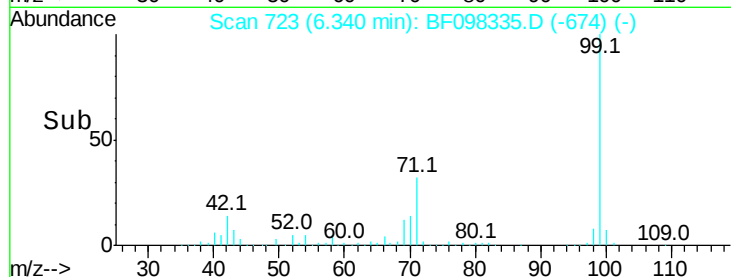
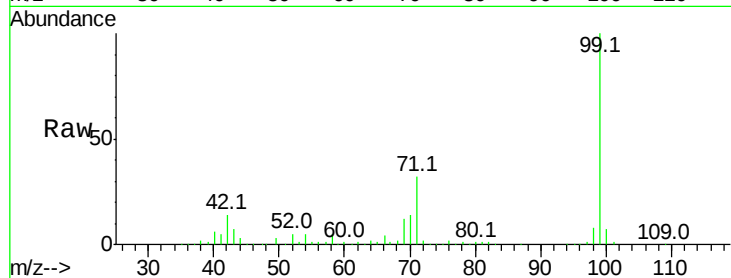
71 32.3 24.5 36.7

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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: BF098335.D

Acq: 8 Sep 2017 1:18

Tgt Ion: 136 Resp: 413775

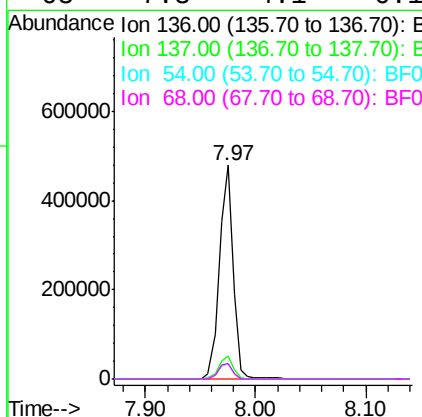
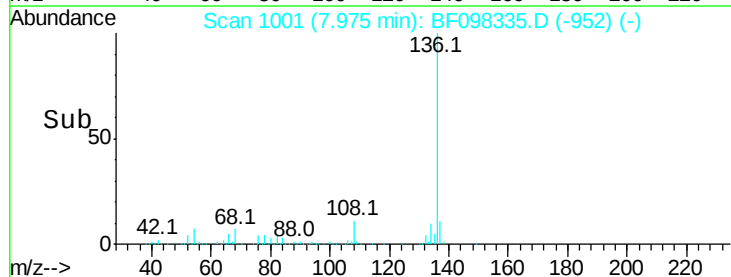
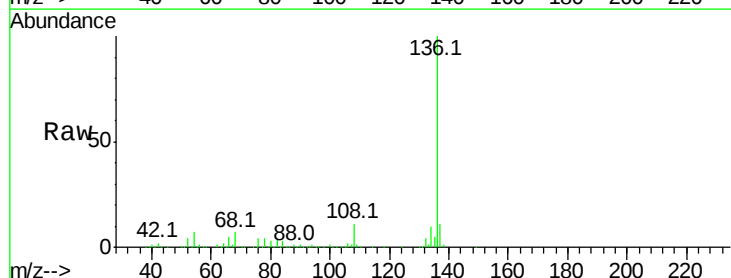
Ion Ratio Lower Upper

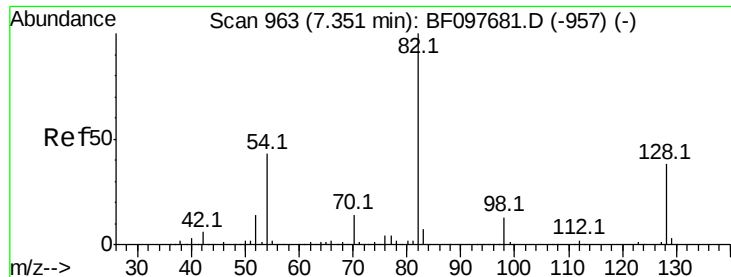
136 100

137 10.9 8.5 12.7

54 7.3 4.9 7.3

68 7.3 4.1 6.1#





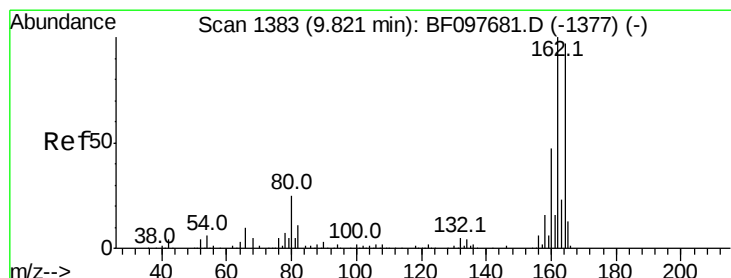
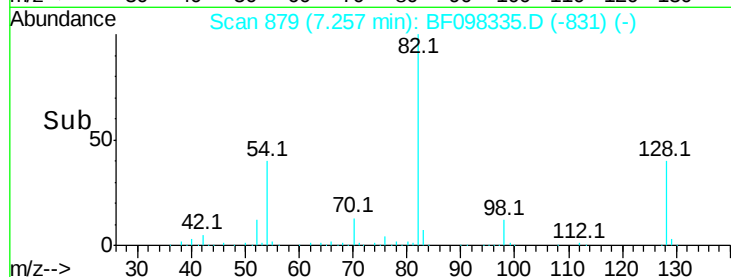
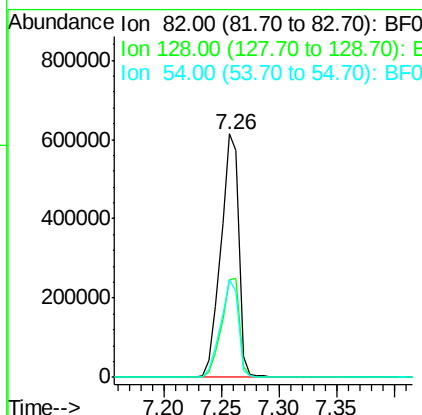
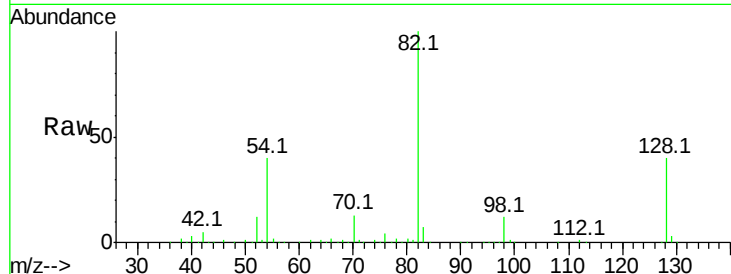
#23
 Nitrobenzene-d5
 Concen: 87.349 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098335.D
 Acq: 8 Sep 2017 1:18

Instrument :
 BNA_F
 ClientSampleId :
 G55A-2.5-4.5

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	40.1	34.0	51.0
54	40.1	42.2	63.2

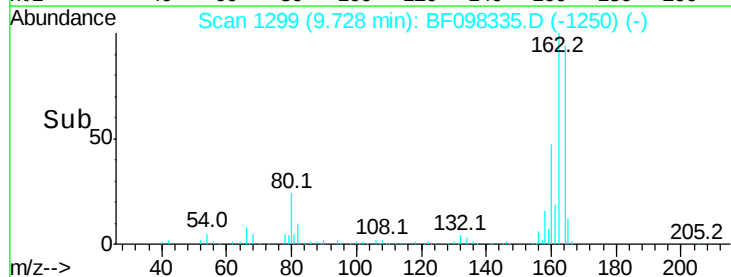
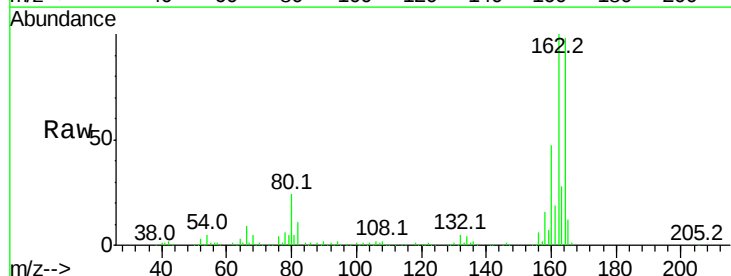
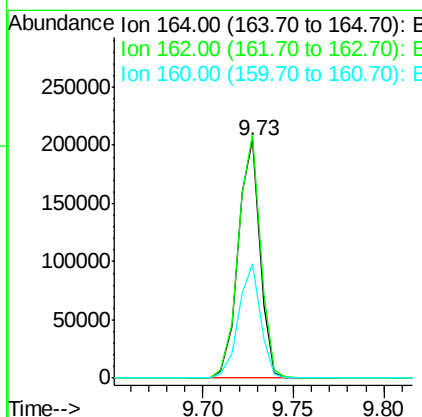
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF098335.D
 Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	102.3	82.6	123.8
160	47.8	36.2	54.2





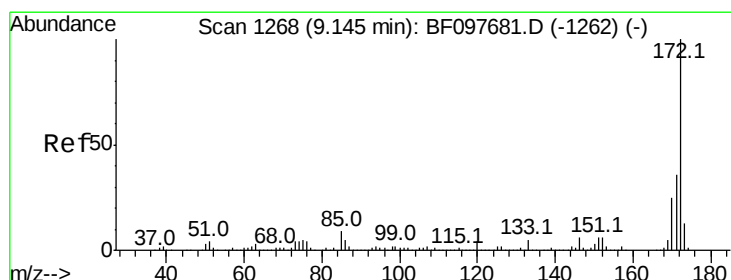
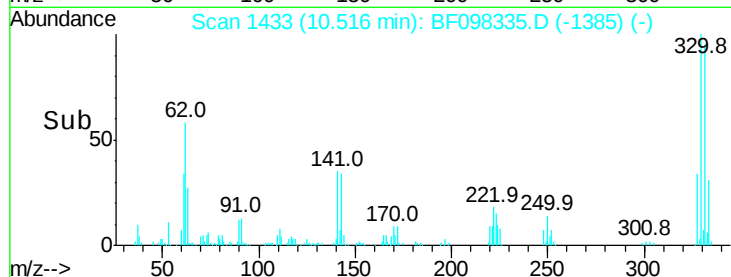
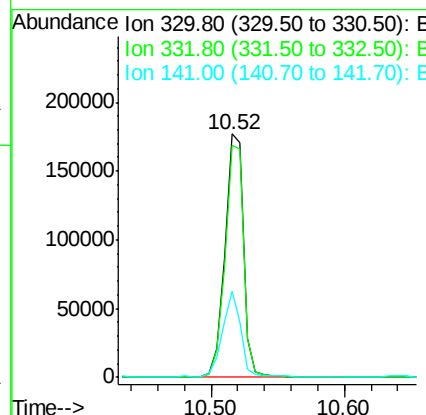
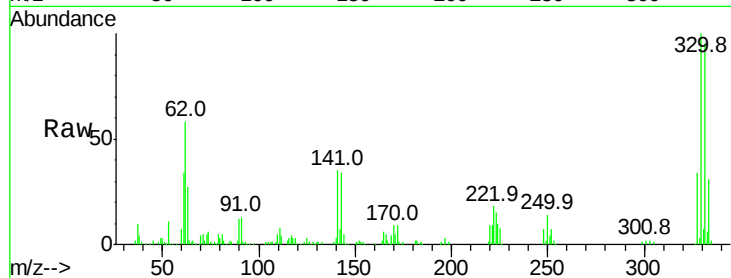
#41
 2,4,6-Tribromophenol
 Concen: 118.084 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF098335.D
 Acq: 8 Sep 2017 1:18

Instrument :
 BNA_F
 ClientSampleId :
 G55A-2.5-4.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	175398		
332	95.9	76.6	115.0	
141	35.8	31.4	47.2	

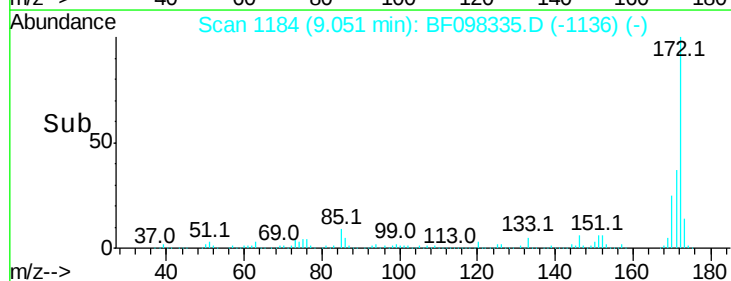
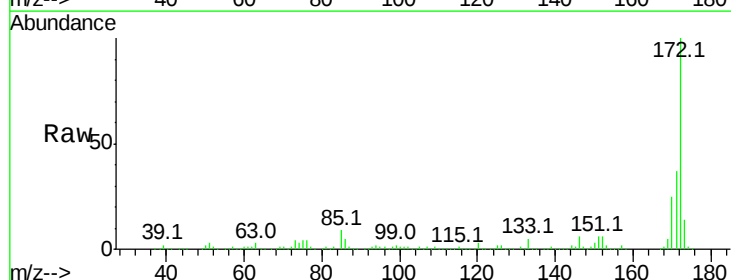
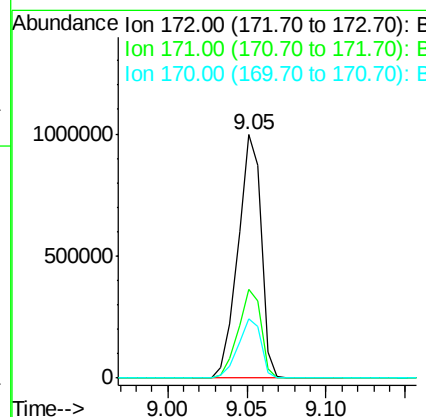
Manual Integrations
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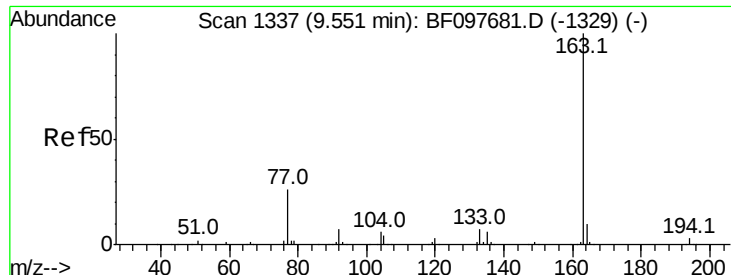
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#44
 2-Fluorobiphenyl
 Concen: 86.473 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098335.D
 Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1007583		
171	36.7	29.6	44.4	
170	24.5	19.8	29.8	





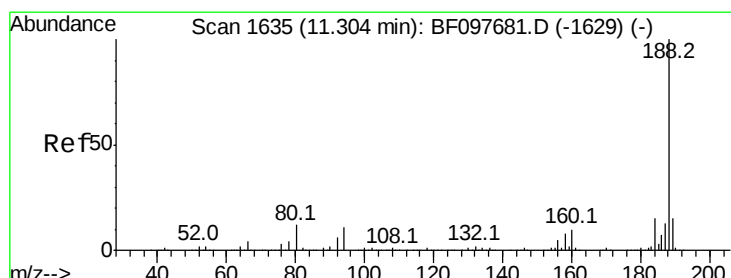
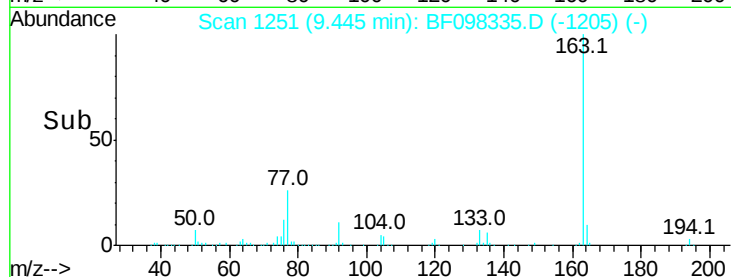
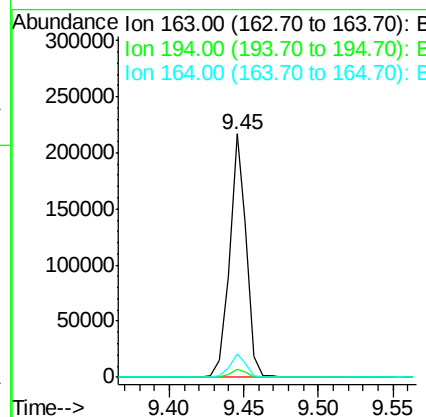
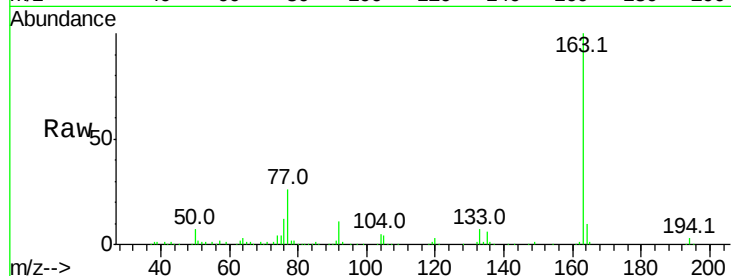
#49
Dimethylphthalate
Concen: 13.703 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	171476		
194	3.3	2.6	4.0	
164	9.9	8.4	12.6	

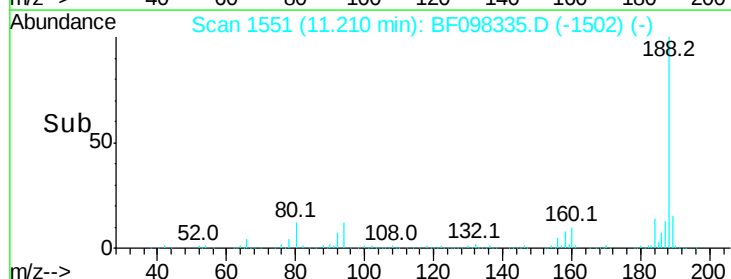
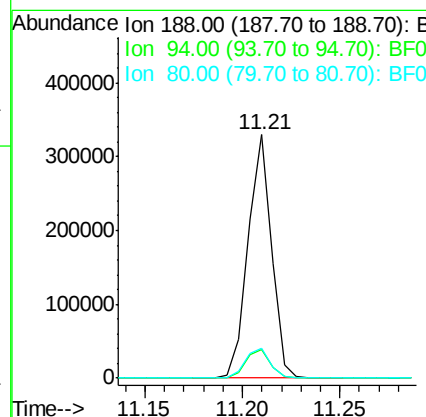
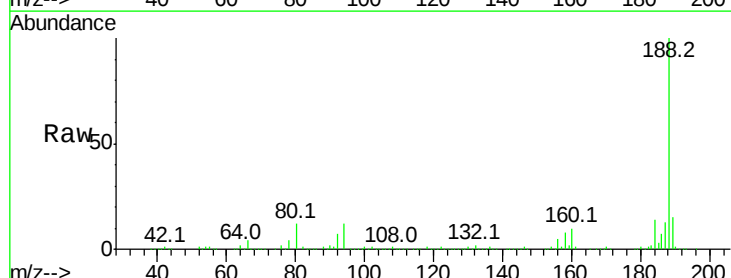
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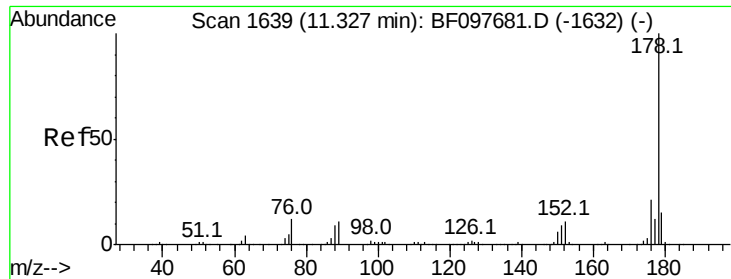
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	275458		
94	11.8	9.4	14.2	
80	12.2	10.2	15.2	





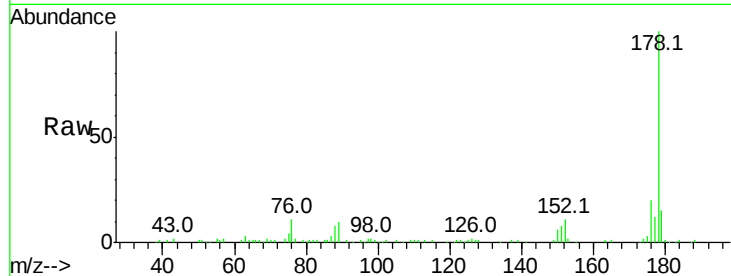
#70
Phenanthrene
Concen: 4.357 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampled :
G55A-2.5-4.5

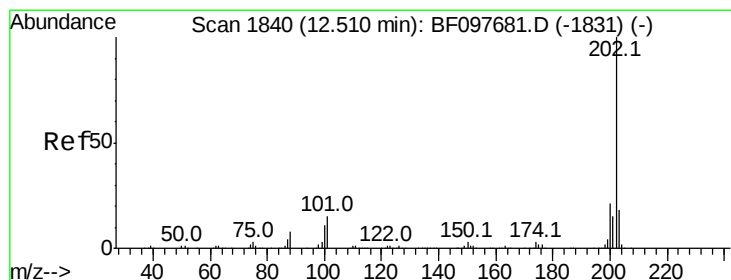
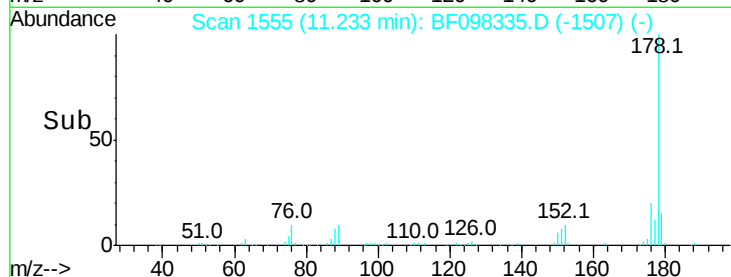
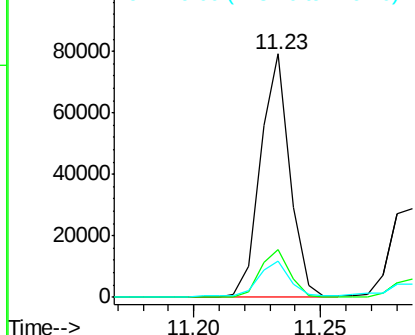
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.4
179	15.1	12.6	19.0

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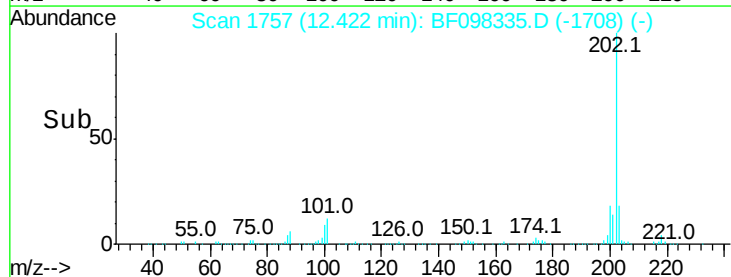
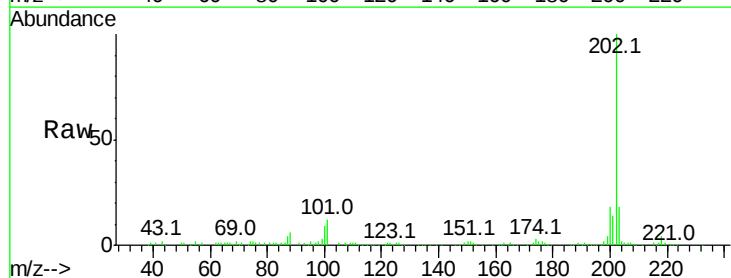
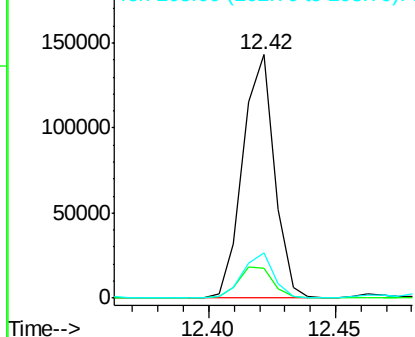
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

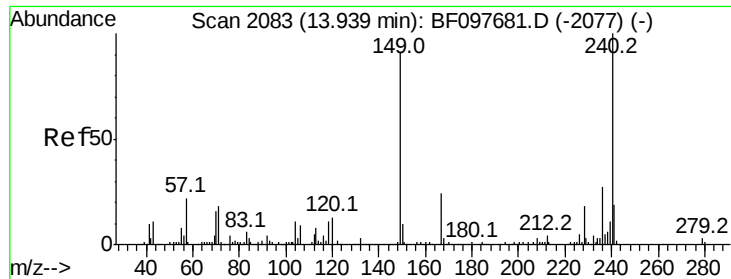


#74
Fluoranthene
Concen: 8.061 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	18.4	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: 13.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF098335.D

Acq: 8 Sep 2017 1:18

Instrument :

BNA_F

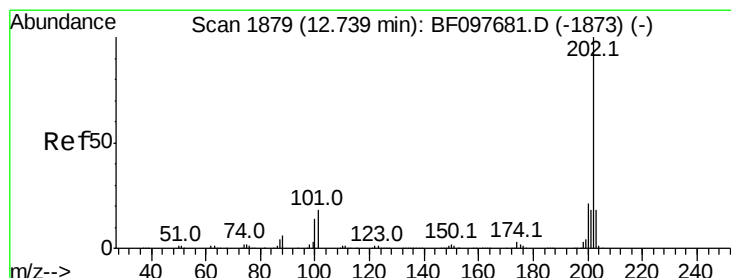
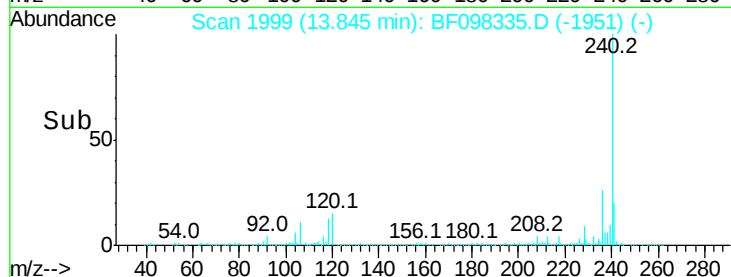
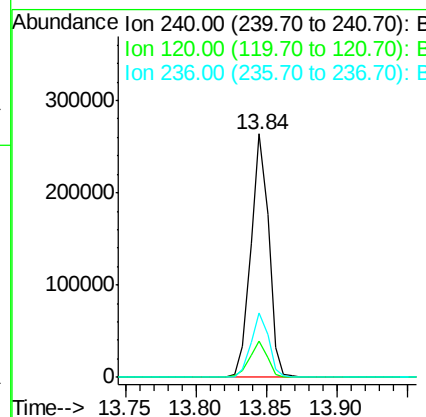
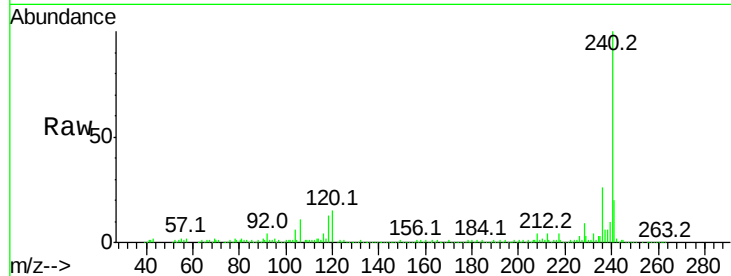
ClientSampleId :

G55A-2.5-4.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	26.3	20.5	30.7

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#77

Pyrene

Concen: 6.384 ng

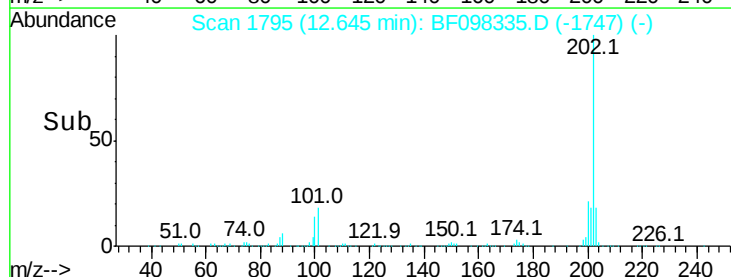
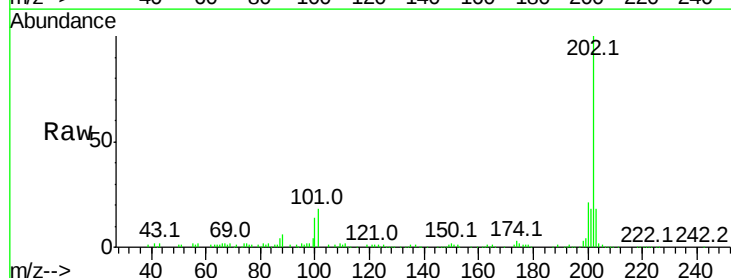
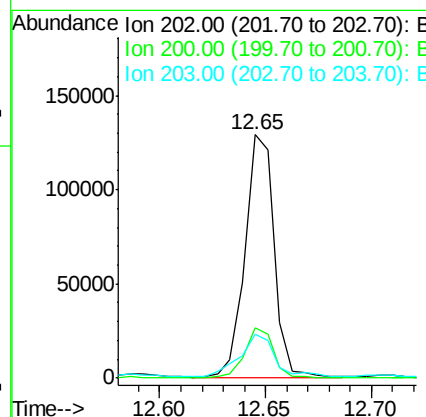
RT: 12.65 min Scan# 1795

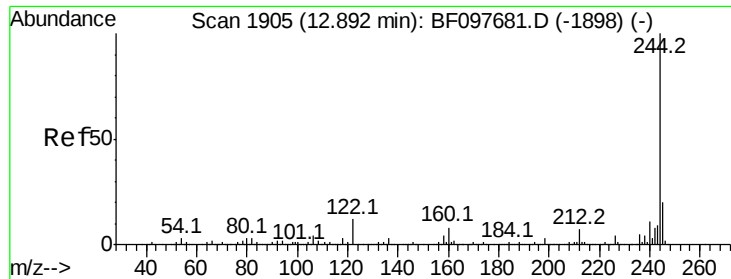
Delta R.T. -0.02 min

Lab File: BF098335.D

Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.2	14.4	21.6





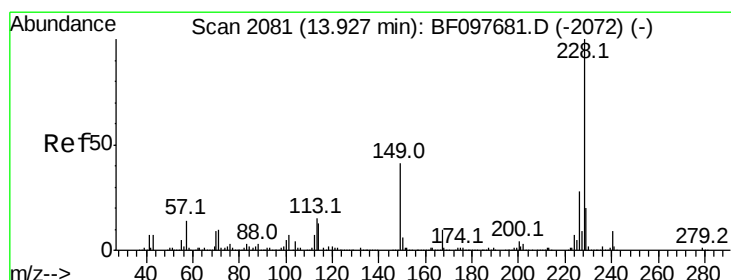
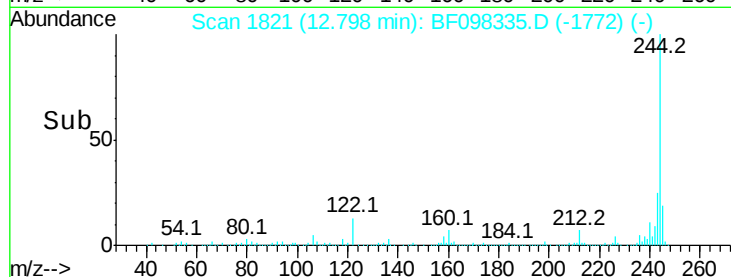
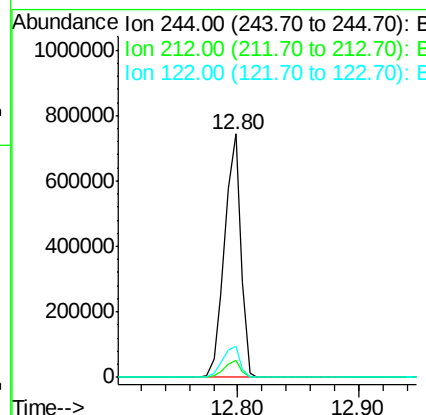
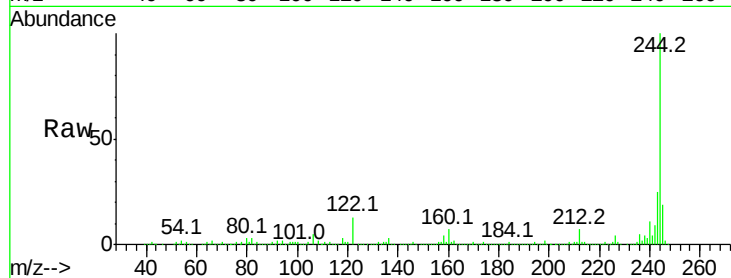
#78
 Terphenyl-d14
 Concen: 60.909 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098335.D
 Acq: 8 Sep 2017 1:18

Instrument :
 BNA_F
 ClientSampleId :
 G55A-2.5-4.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	12.6	10.3	15.5

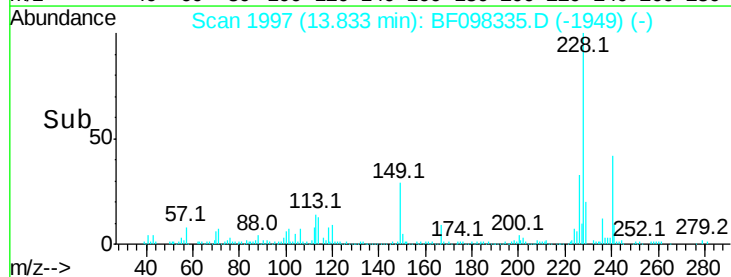
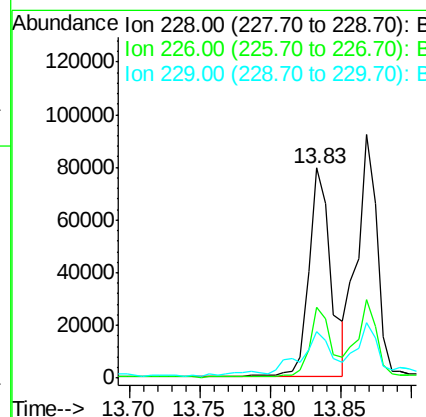
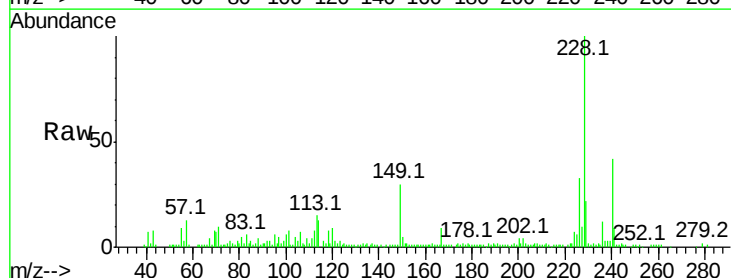
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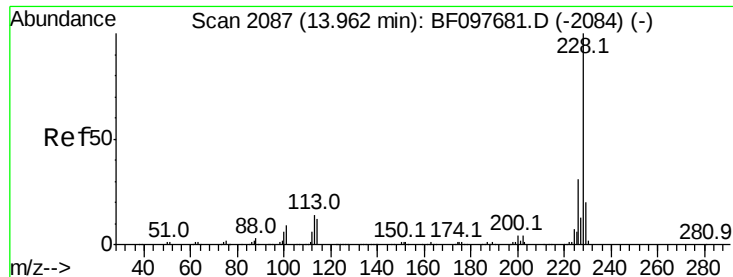
Sohil
 9/8/2017 5:45:31 PM



#80
 Benzo(a)anthracene
 Concen: 6.126 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.02 min
 Lab File: BF098335.D
 Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.6	33.8
229	21.9	16.3	24.5





#82

Chrysene

Concen: 6.540 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF098335.D

Acq: 8 Sep 2017 1:18

Instrument :

BNA_F

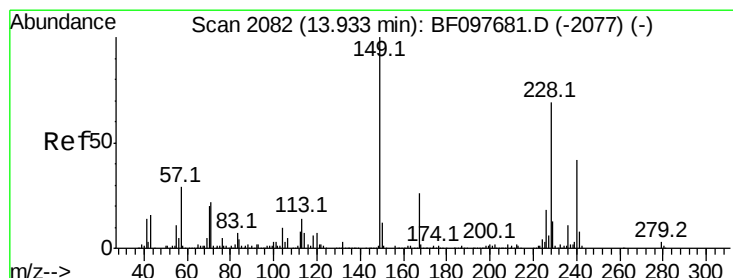
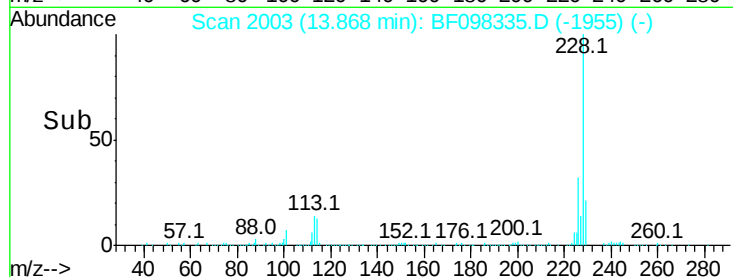
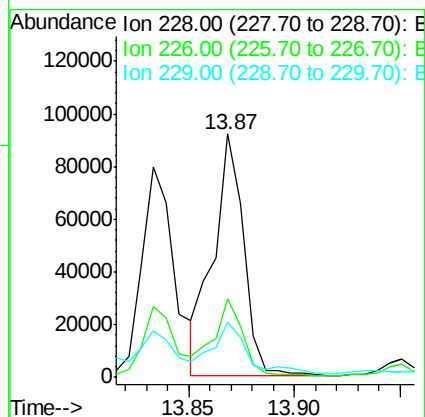
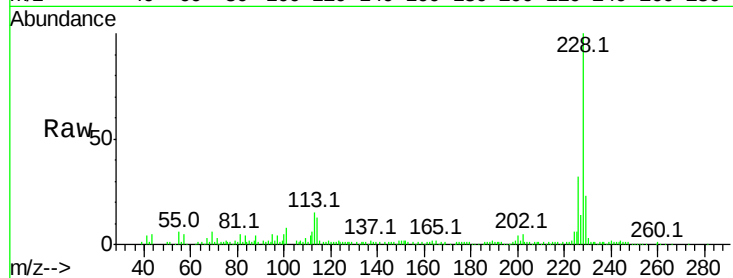
ClientSampleId :

G55A-2.5-4.5

Tot Ion:	228	Resp:	91600
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.9	37.3
229	22.9	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.404 ng

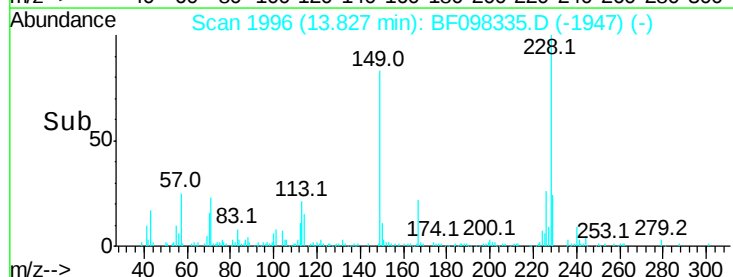
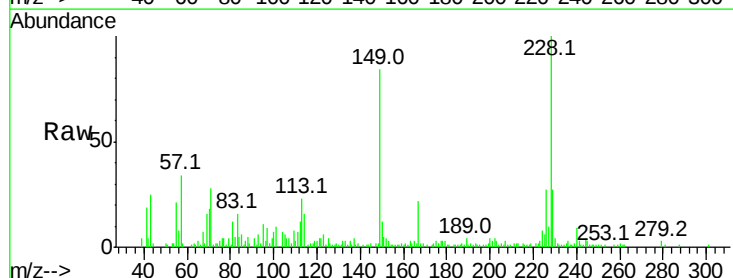
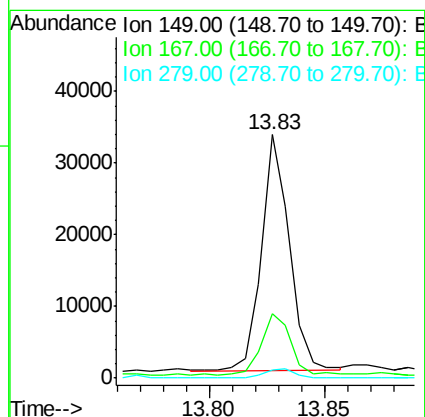
RT: 13.83 min Scan# 1996

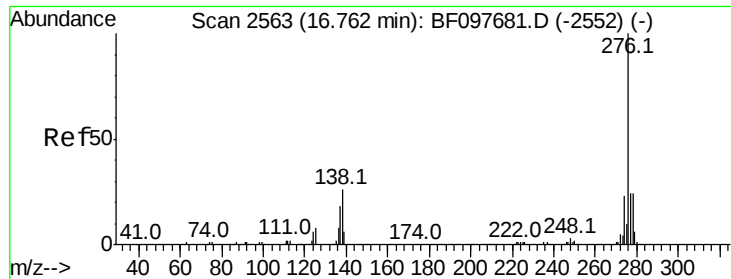
Delta R.T. -0.01 min

Lab File: BF098335.D

Acq: 8 Sep 2017 1:18

Tgt Ion:	149	Resp:	27791
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.0	31.4
279	3.5	1.9	2.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.265 ng

RT: 16.62 min Scan# 2470

Delta R.T. -0.02 min

Lab File: BF098335.D

Acq: 8 Sep 2017 1:18

Instrument :

BNA_F

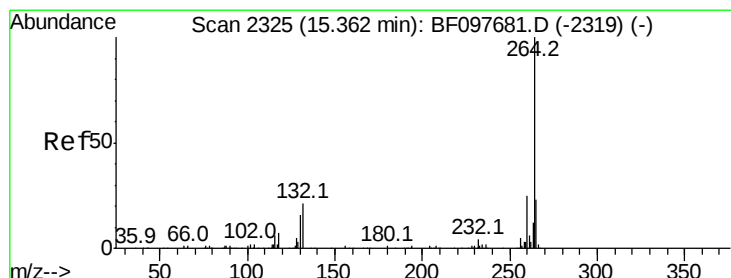
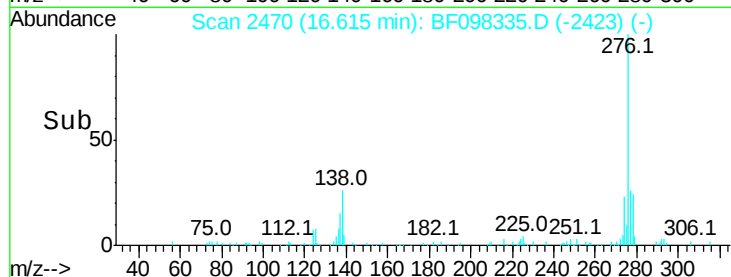
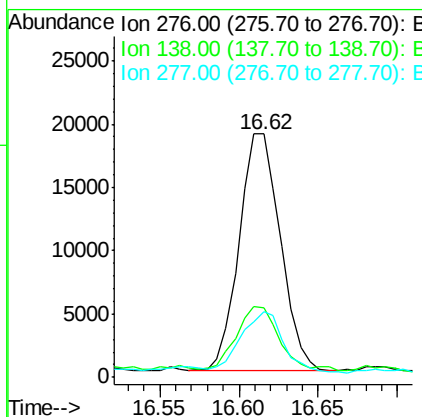
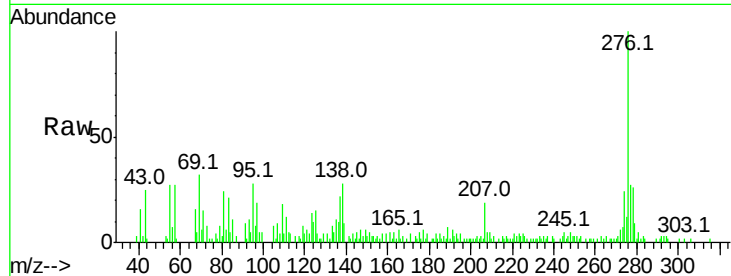
ClientSampleId :

G55A-2.5-4.5

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	26.7	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

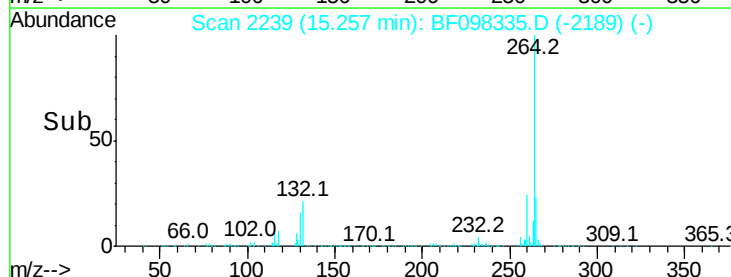
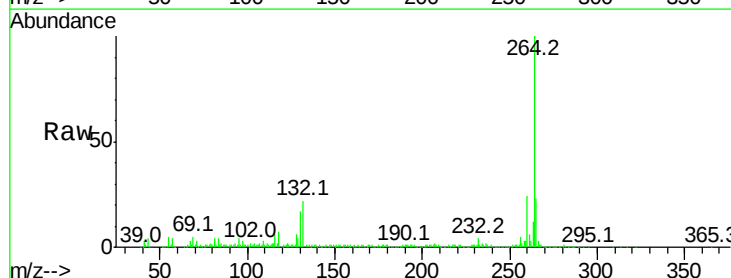
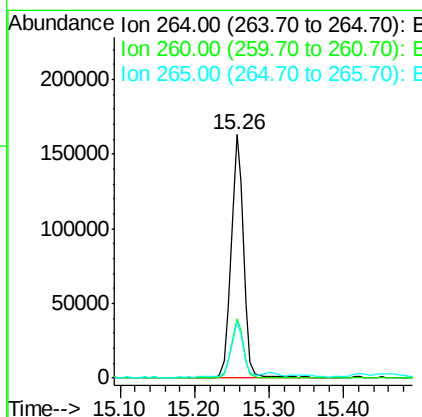
RT: 15.26 min Scan# 2239

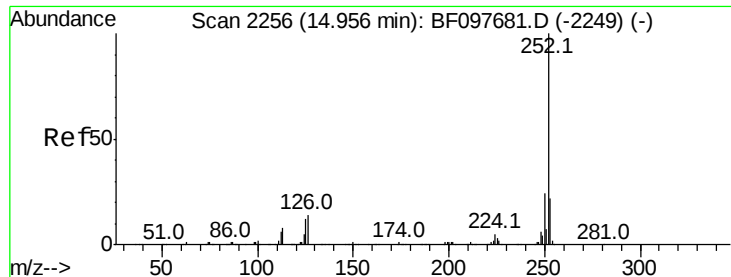
Delta R.T. -0.01 min

Lab File: BF098335.D

Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.2	17.2	25.8





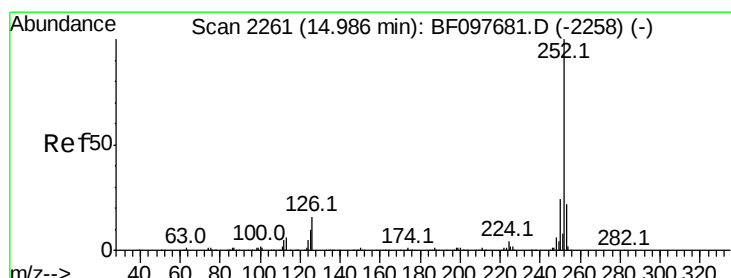
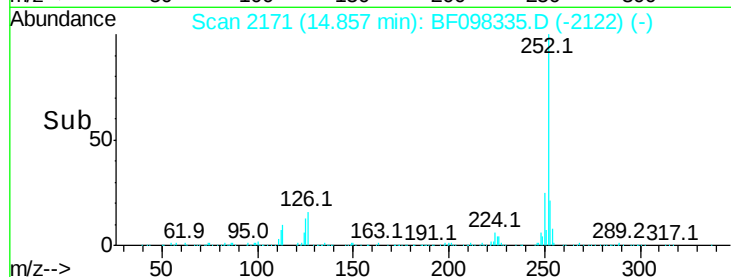
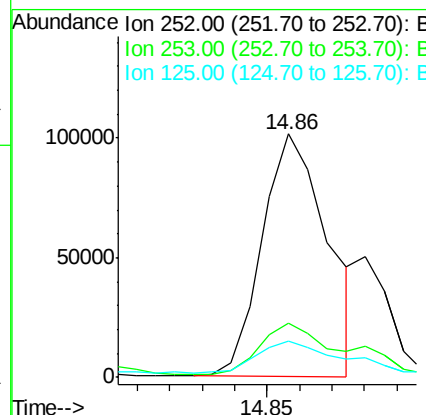
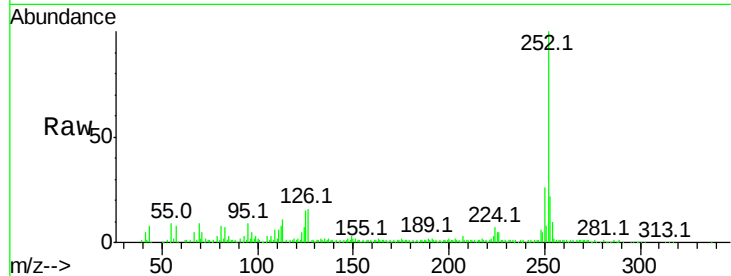
#87
Benzo(b)fluoranthene
Concen: 11.595 ng m
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampled :
G55A-2.5-4.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.8	9.8	14.8#

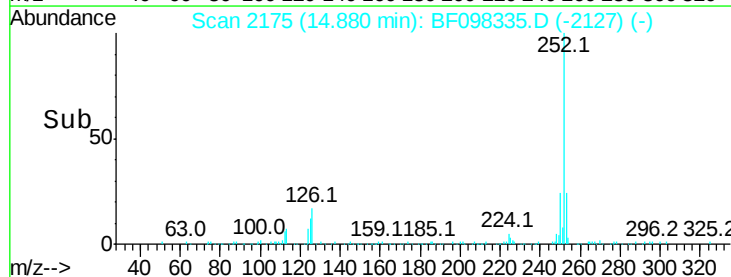
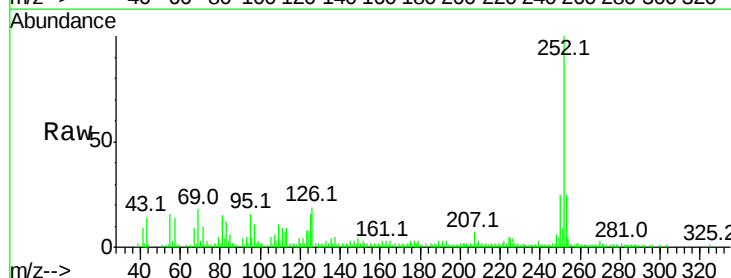
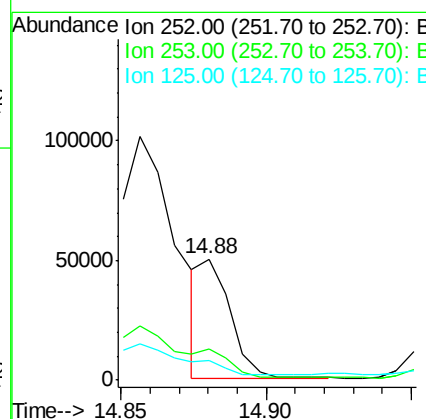
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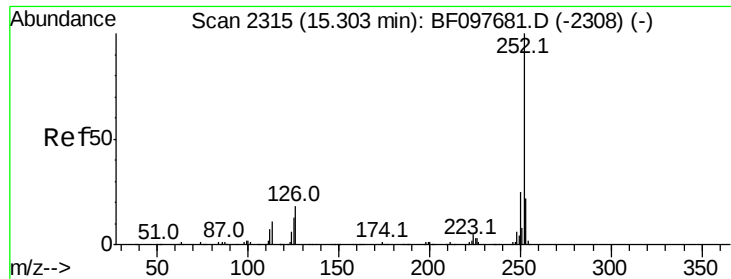
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#88
Benzo(k)fluoranthene
Concen: 3.095 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.4	27.6
125	16.1	13.1	19.7





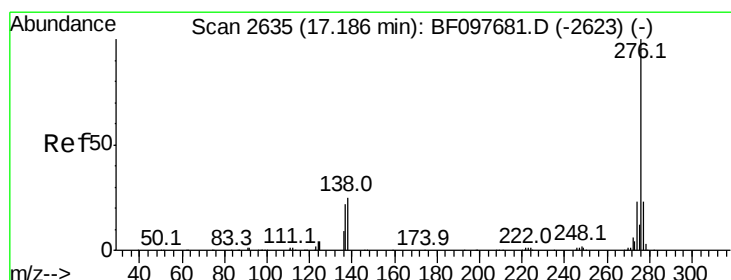
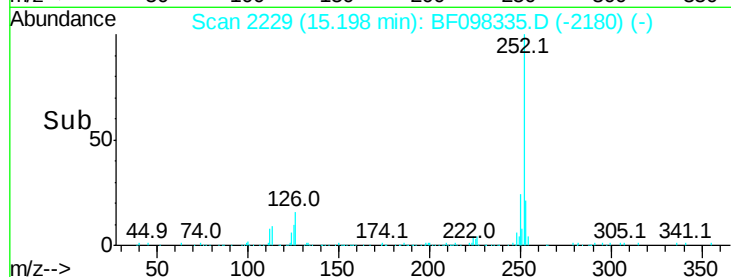
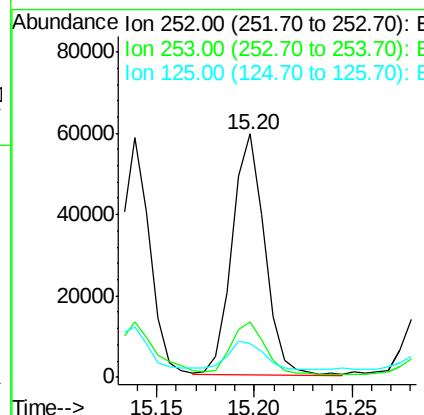
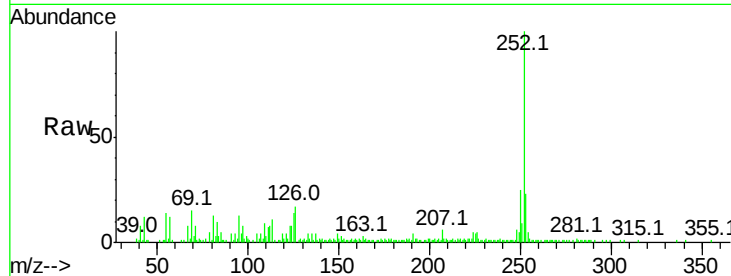
#89
Benzo(a)pyrene
Concen: 6.355 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Instrument :
BNA_F
ClientSampleId :
G55A-2.5-4.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	14.1	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.560 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.03 min
Lab File: BF098335.D
Acq: 8 Sep 2017 1:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	29.7	25.4	38.0

