

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098290.D
 Acq On : 6 Sep 2017 23:26
 Operator : SJ/JU
 Sample : I5053-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 9/7/2017 5:44:39 PM

Quant Time: Sep 07 06:48:44 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	101659	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	380445	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	148235	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	235783	20.00	ng	0.00
75) Chrysene-d12	13.85	240	218272	20.00	ng	-0.01
86) Perylene-d12	15.26	264	155102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	683850	102.32	ng	0.00
7) Phenol-d6	6.35	99	896577	98.73	ng	0.00
23) Nitrobenzene-d5	7.26	82	536046	76.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	120891	93.99	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	748313	74.17	ng	-0.01
78) Terphenyl-d14	12.80	244	496212	47.41	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.69	142	24891	2.056	ng	98
49) Dimethylphthalate	9.45	163	129106	11.915	ng	98
70) Phenanthrene	11.24	178	110690	8.810	ng	97
71) Anthracene	11.29	178	30661	2.406	ng	99
74) Fluoranthene	12.42	202	158923	12.118	ng	98
77) Pyrene	12.65	202	145002	8.122	ng	97
80) Benzo(a)anthracene	13.84	228	77915	5.956	ng	98
82) Chrysene	13.87	228	94553	7.266	ng	97
85) Indeno(1,2,3-cd)pyrene	16.62	276	27877	2.912	ng	93
87) Benzo(b)fluoranthene	14.86	252	95953m	9.815	ng	
88) Benzo(k)fluoranthene	14.88	252	34040m	3.706	ng	
89) Benzo(a)pyrene	15.20	252	46883	5.417	ng	# 90
91) Benzo(a,h,i)perylene	17.03	276	28038	3.814	ng	91

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

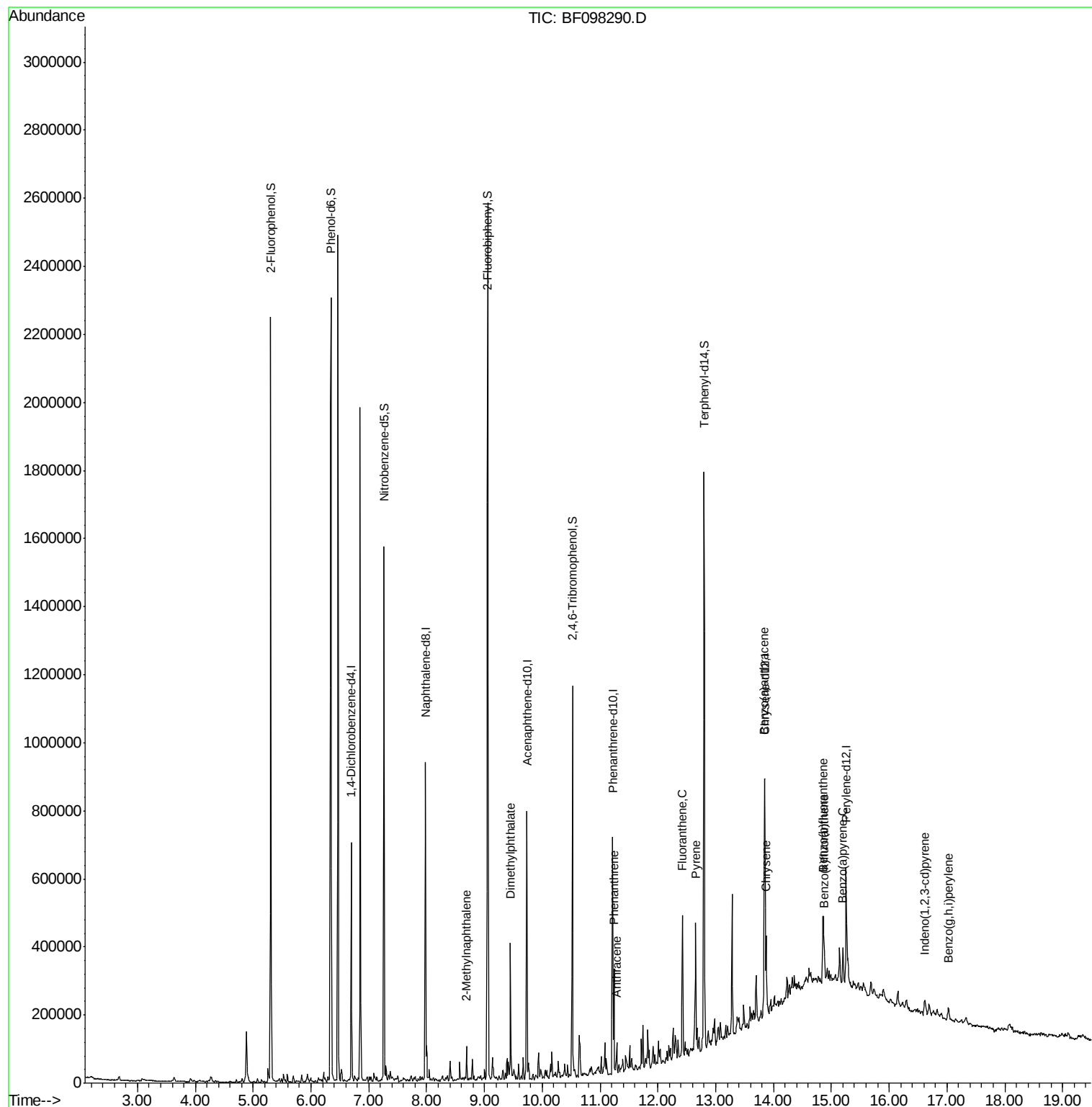
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
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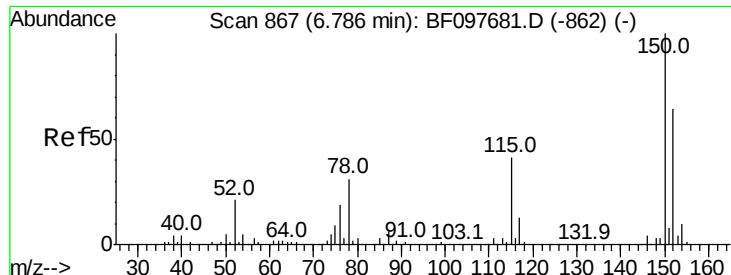
Instrument :
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#1

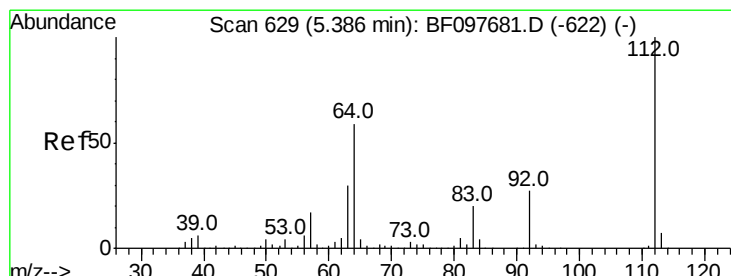
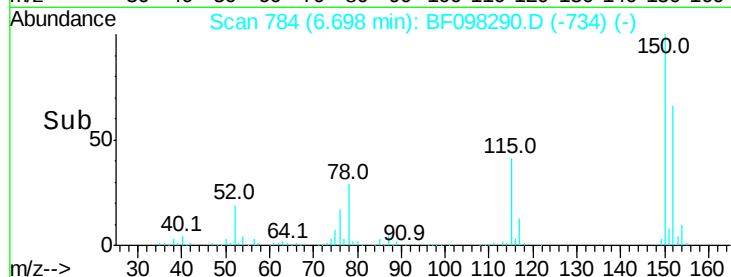
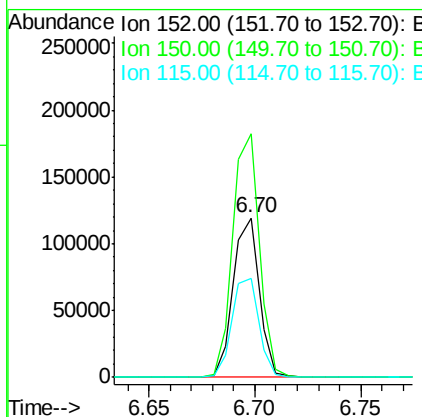
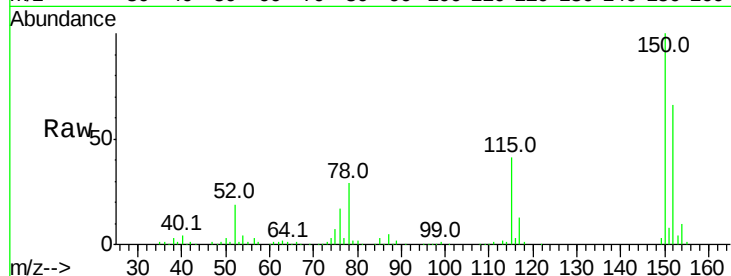
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.2	189.2
115	62.1	52.2	78.2

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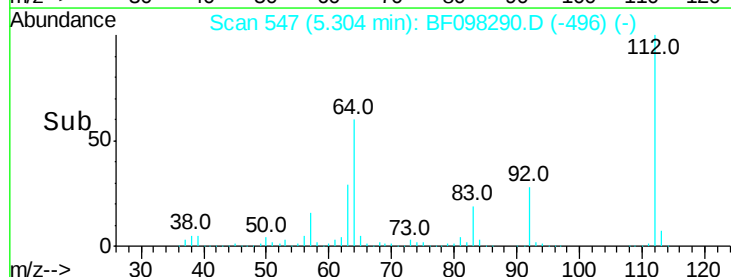
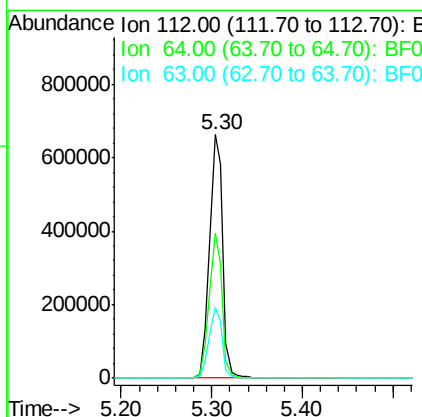
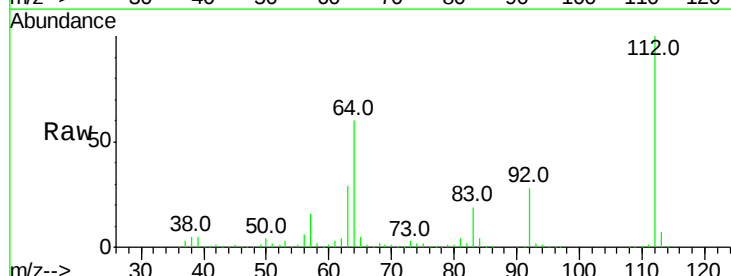
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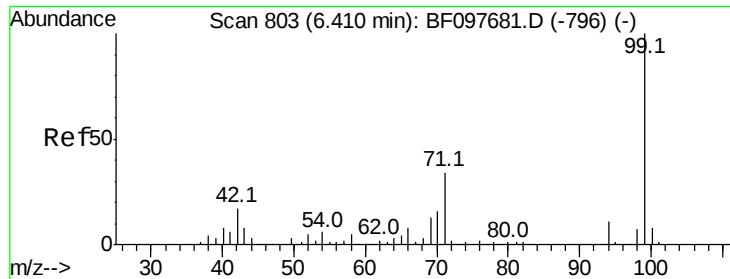


#5

2-Fluorophenol
Concen: 102.321 ng
RT: 5.30 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	29.1	23.4	35.0





#7

Phenol-d6

Concen: 98.733 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098290.D

Acq: 6 Sep 2017 23:26

Instrument :

BNA_F

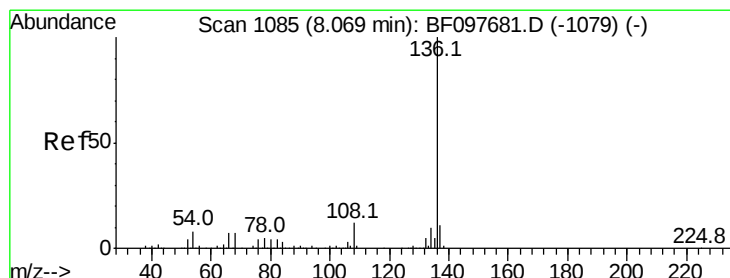
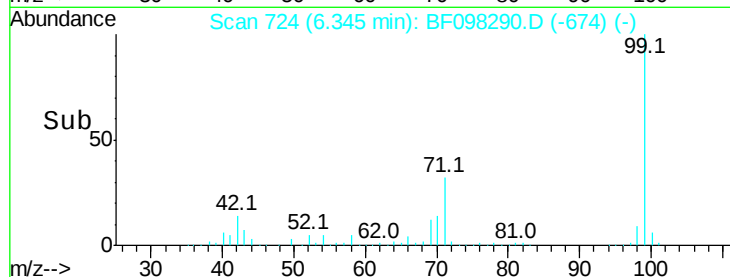
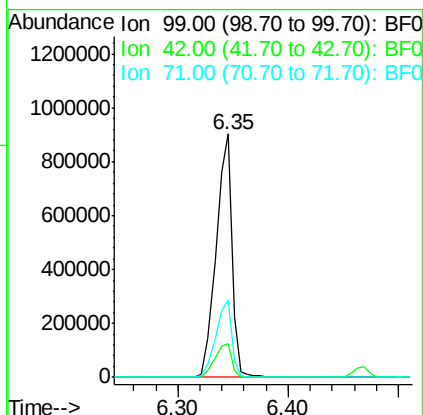
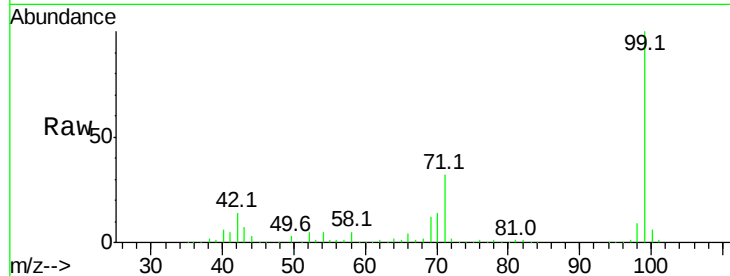
ClientSampleId :

G-62A-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		896577		
42	13.8	13.5	20.3		
71	31.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

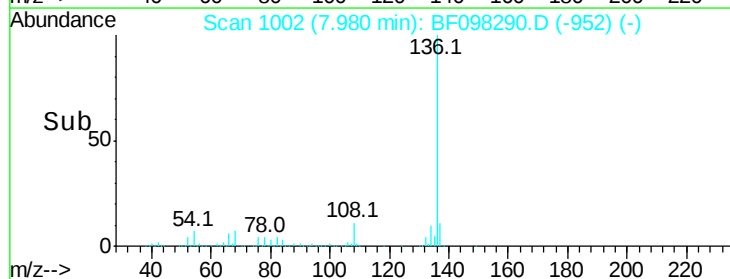
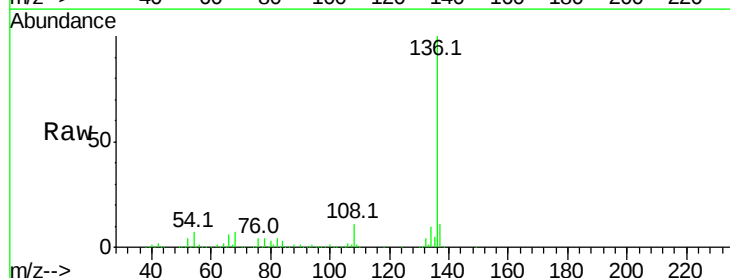
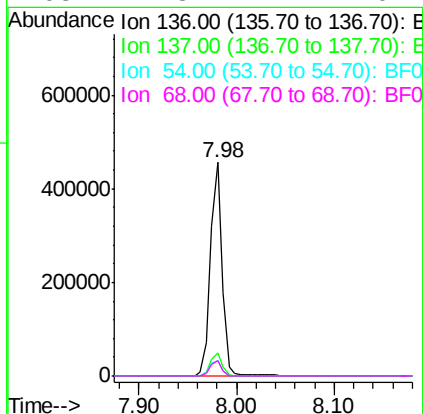
RT: 7.98 min Scan# 1002

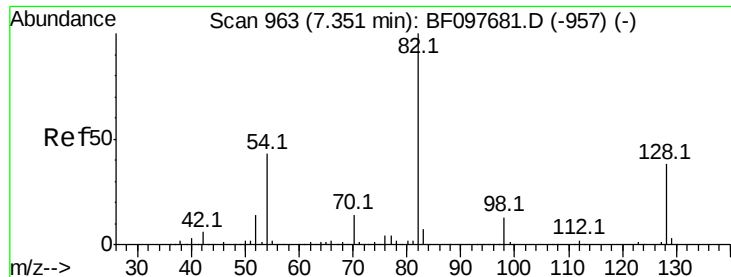
Delta R.T. -0.01 min

Lab File: BF098290.D

Acq: 6 Sep 2017 23:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		380445		
137	10.6	8.5	12.7		
54	7.3	4.9	7.3#		
68	7.3	4.1	6.1#		





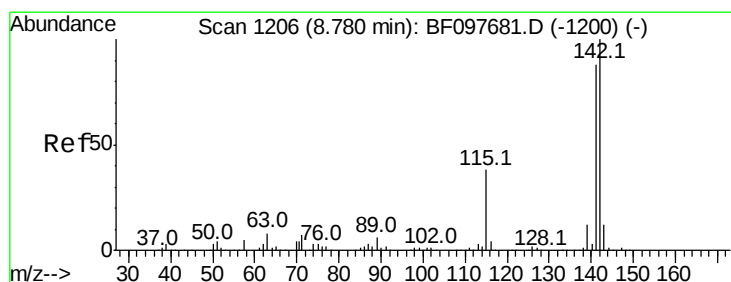
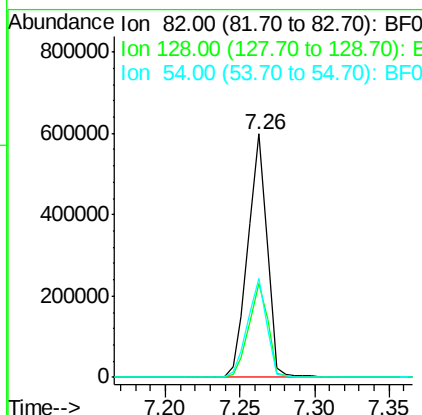
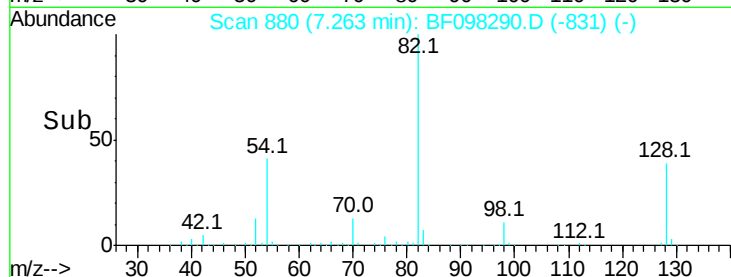
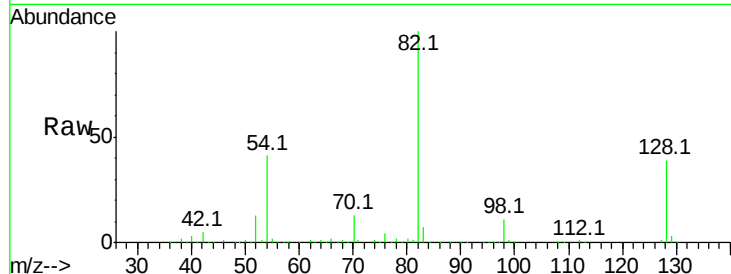
#23
 Nitrobenzene-d5
 Concen: 76.543 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.8	34.0	51.0	
54	40.7	42.2	63.2	

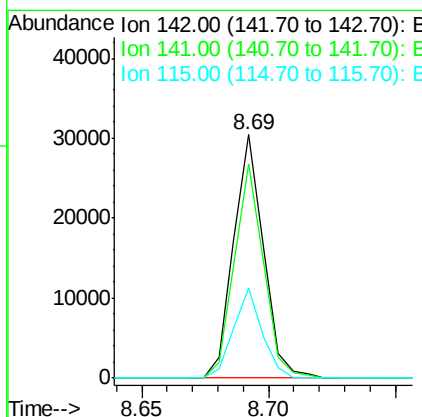
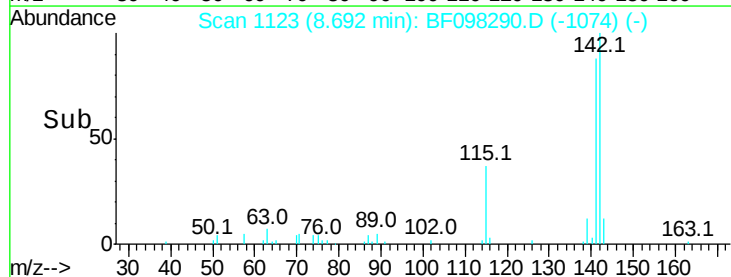
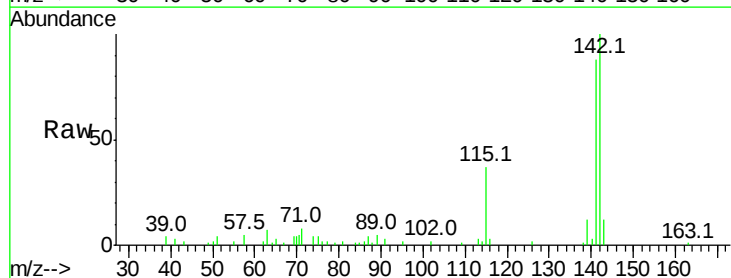
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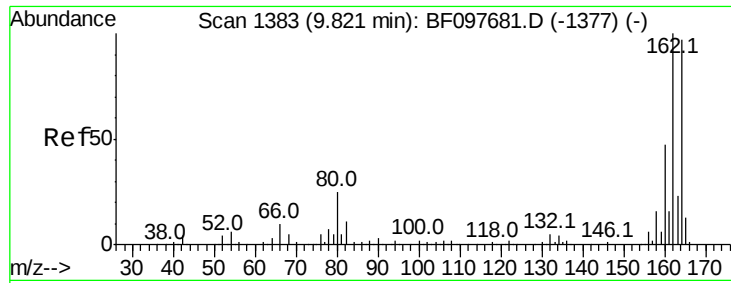
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#37
 2-Methylnaphthalene
 Concen: 2.056 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	87.8	71.3	106.9	
115	36.8	27.1	40.7	





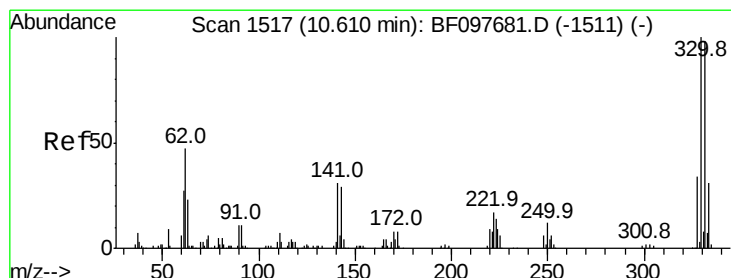
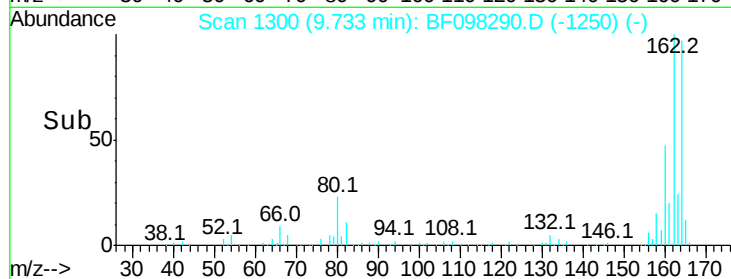
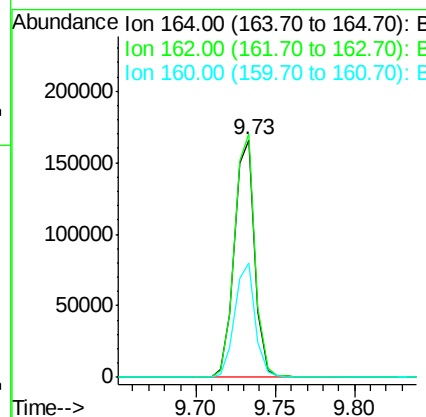
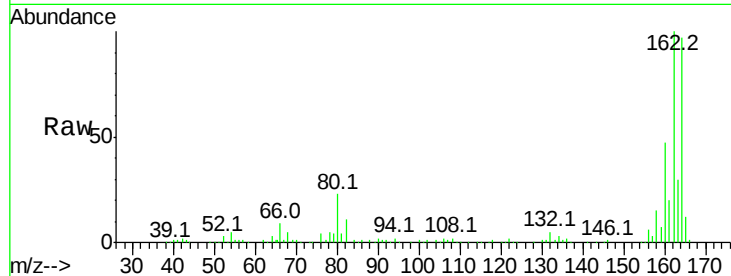
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	148235		
162	102.6	82.6	123.8	
160	48.2	36.2	54.2	

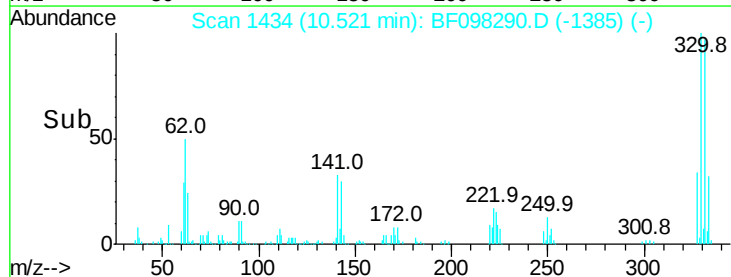
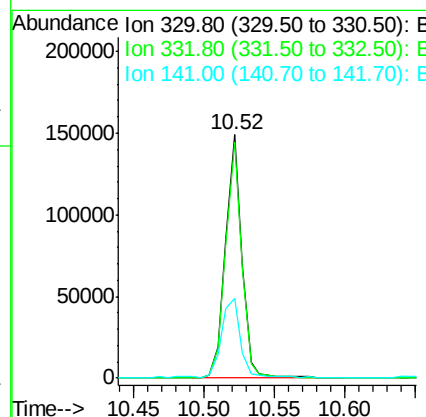
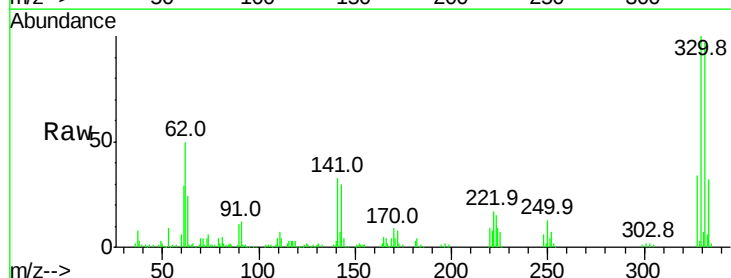
Manual Integrations
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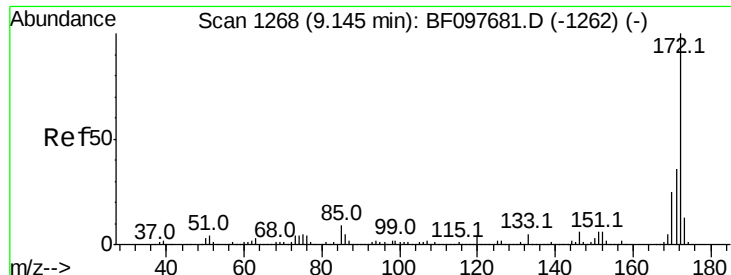
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#41
 2,4,6-Tribromophenol
 Concen: 93.992 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	120891		
332	96.7	76.6	115.0	
141	38.5	31.4	47.2	





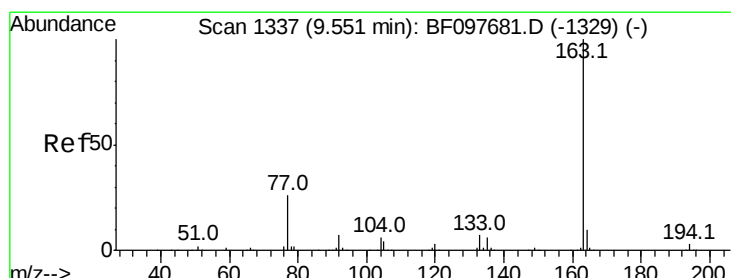
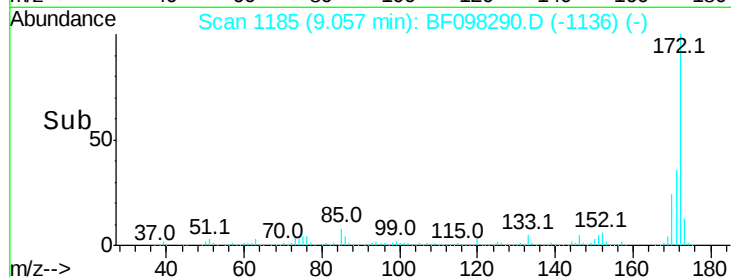
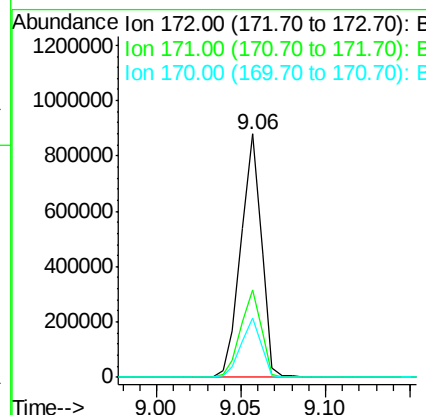
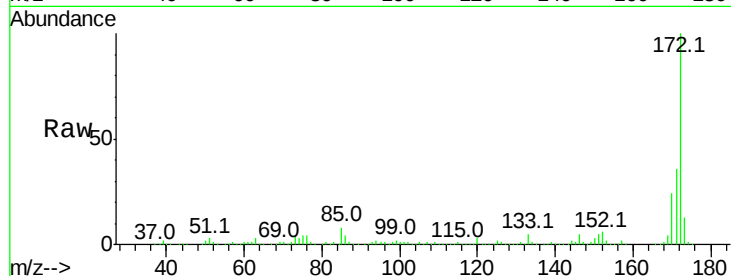
#44
2-Fluorobiphenyl
Concen: 74.168 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0		29.6	44.4
170	24.2		19.8	29.8

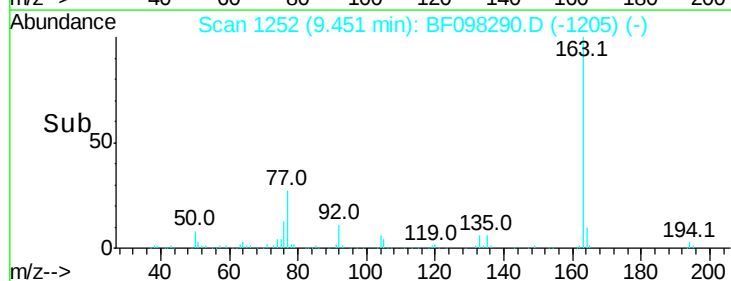
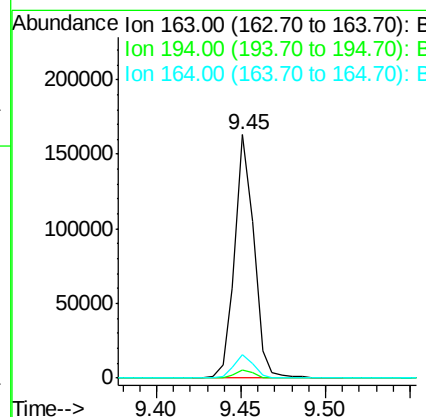
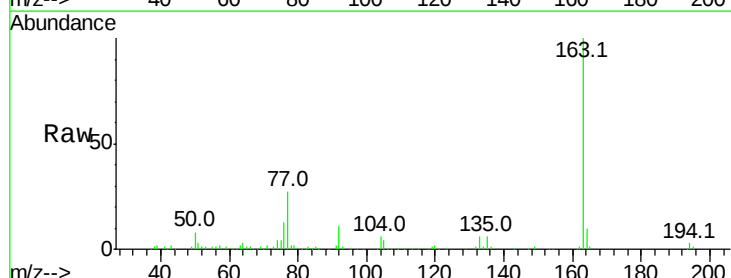
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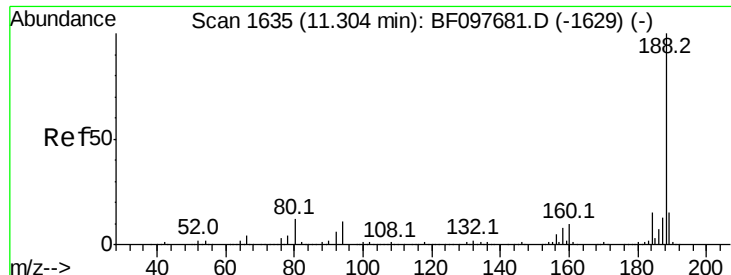
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#49
Dimethylphthalate
Concen: 11.915 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3		2.6	4.0
164	9.6		8.4	12.6





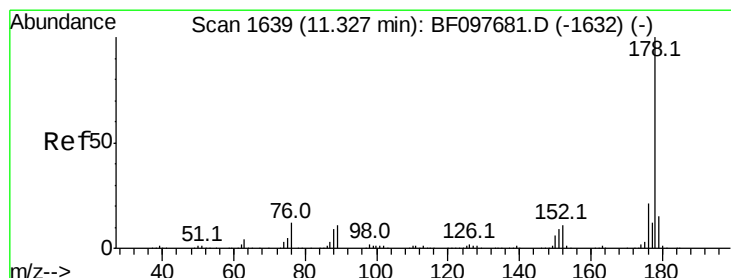
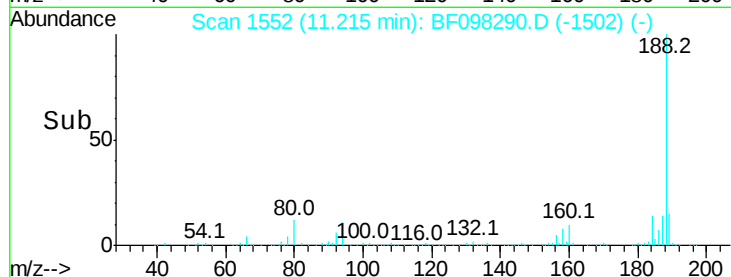
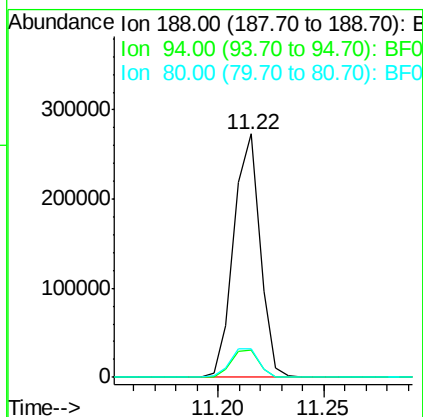
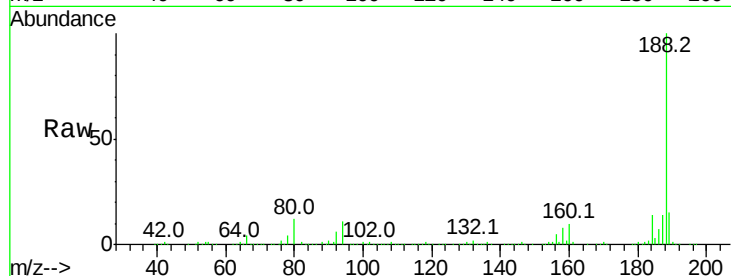
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

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

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.2	9.4	14.2
80	12.0	10.2	15.2

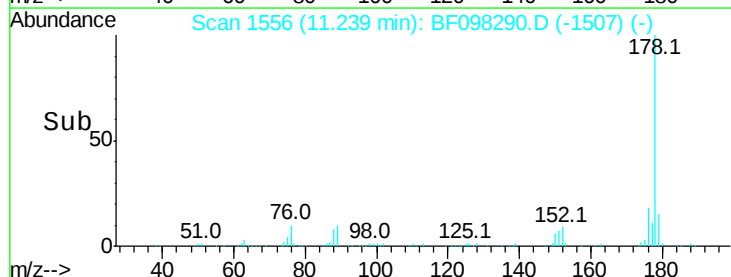
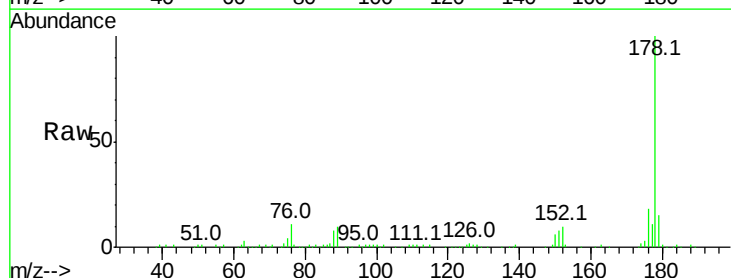
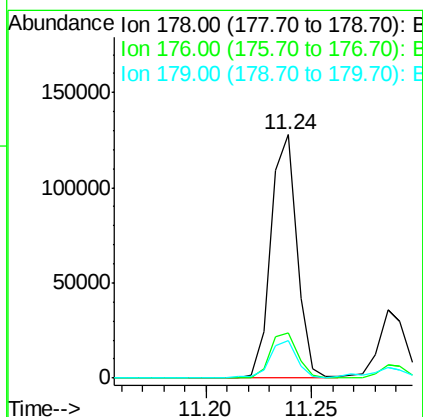
Manual Integrations
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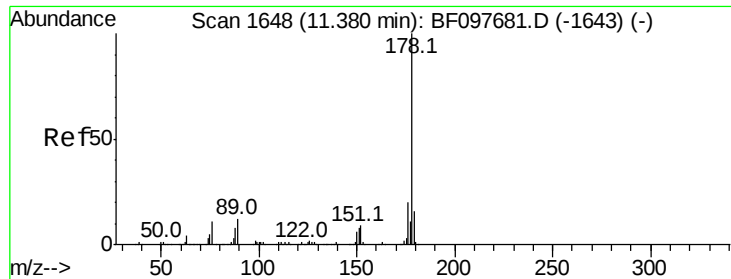
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#70
Phenanthrene
Concen: 8.810 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.4	16.2	24.4
179	15.4	12.6	19.0





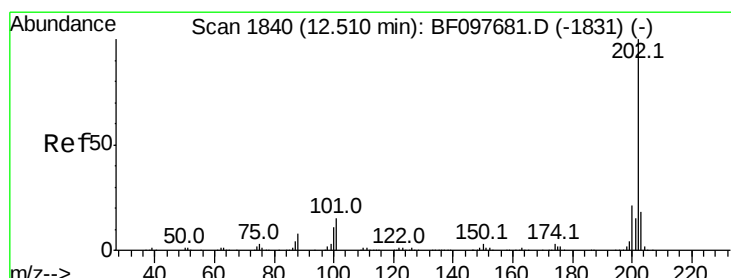
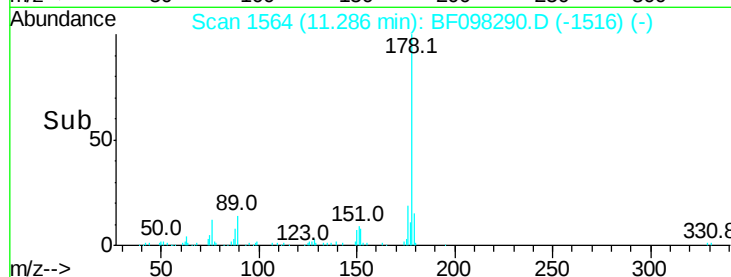
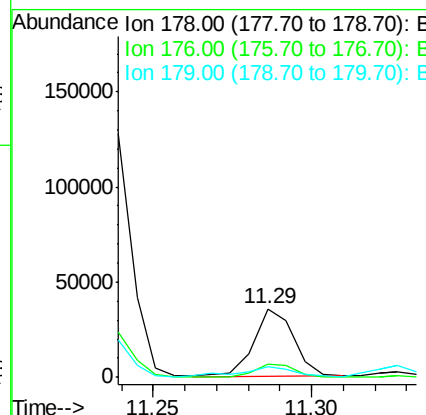
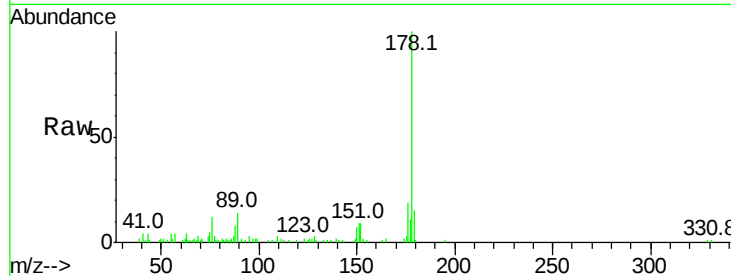
#71
 Anthracene
 Concen: 2.406 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	12.7	19.1

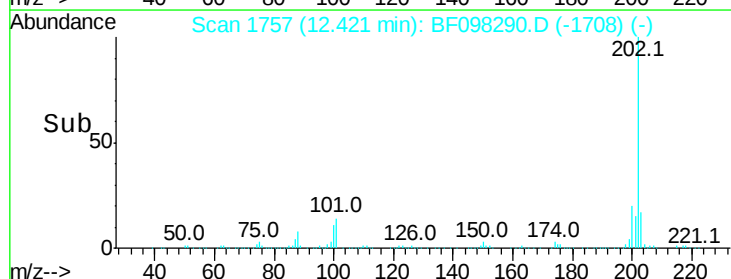
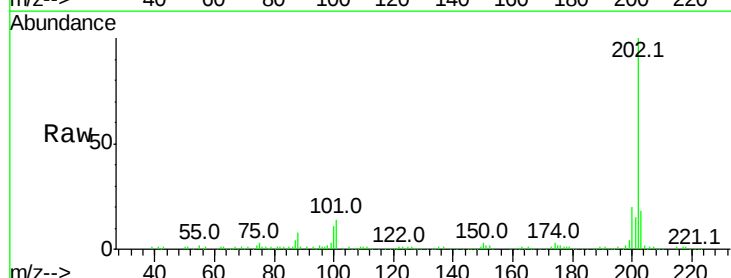
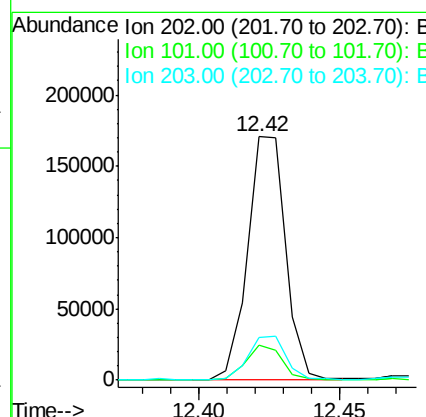
Manual Integrations
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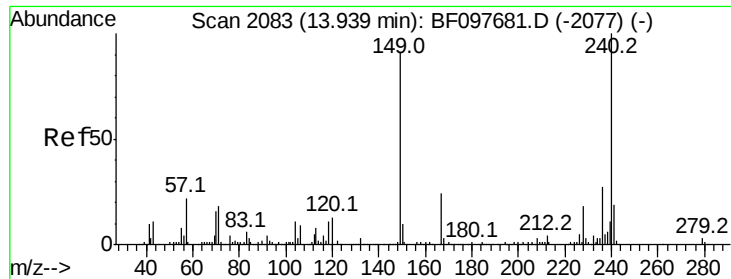
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#74
 Fluoranthene
 Concen: 12.118 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098290.D

Acq: 6 Sep 2017 23:26

Instrument :

BNA_F

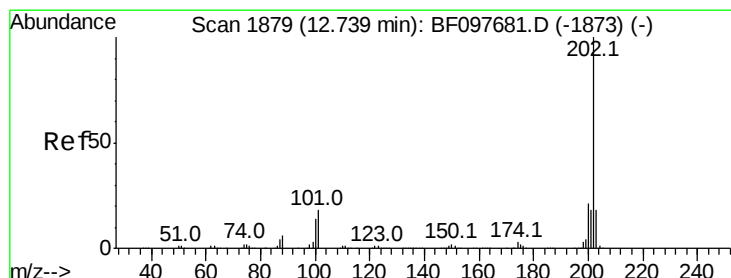
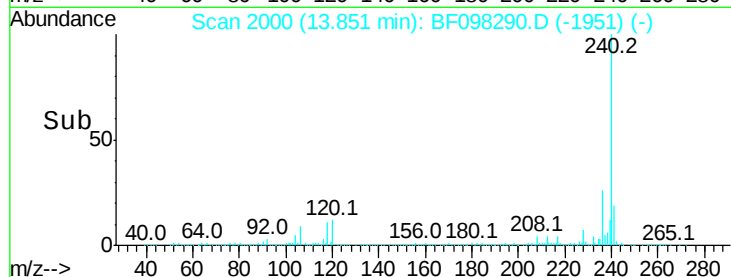
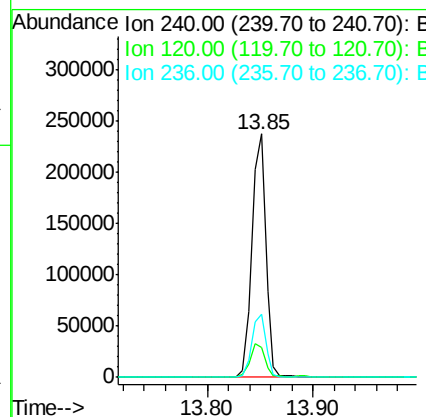
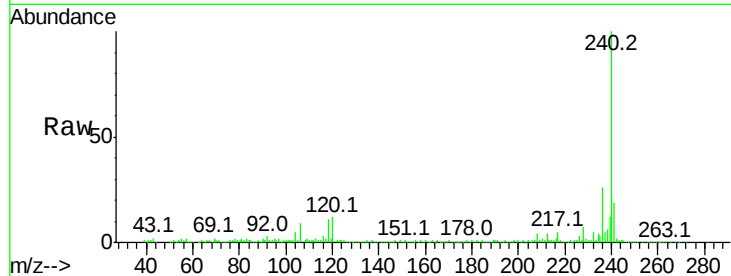
ClientSampleId :

G-62A-1.5-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	5.8	8.8#
236	26.1	20.5	30.7

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#77

Pyrene

Concen: 8.122 ng

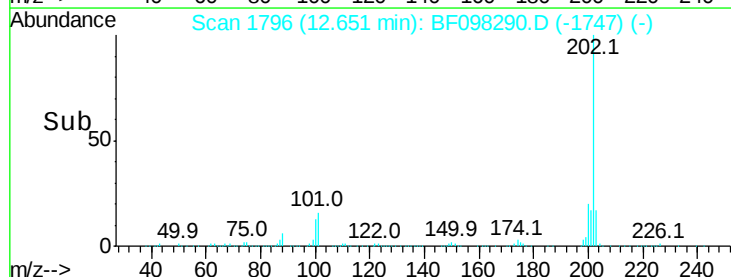
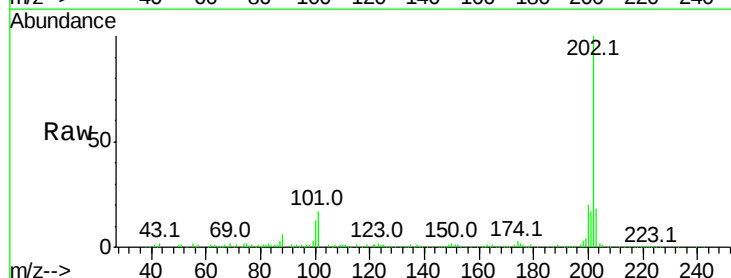
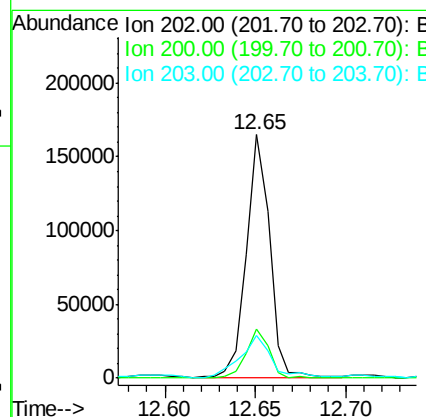
RT: 12.65 min Scan# 1796

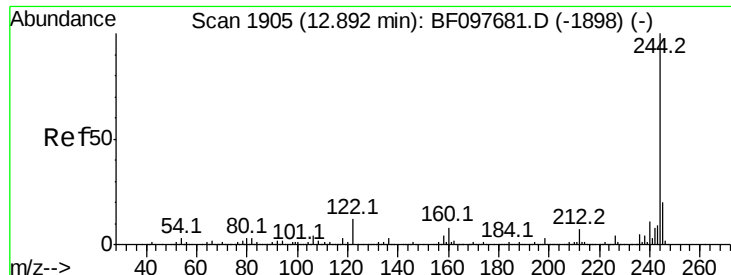
Delta R.T. -0.01 min

Lab File: BF098290.D

Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	17.6	14.4	21.6





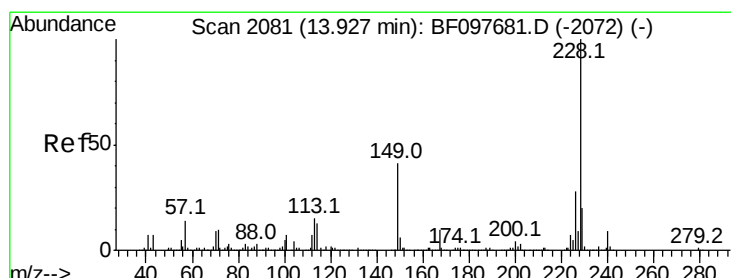
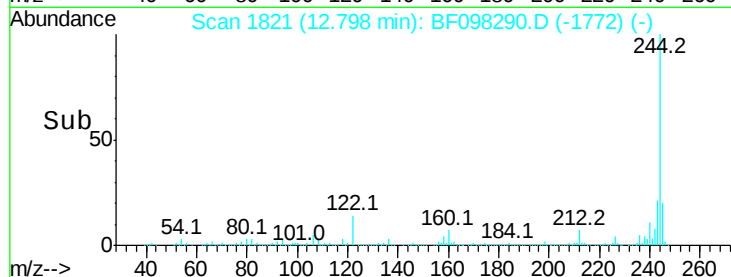
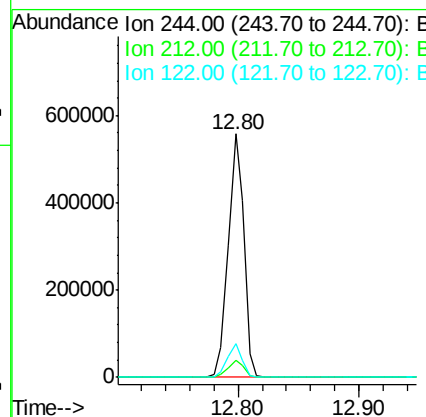
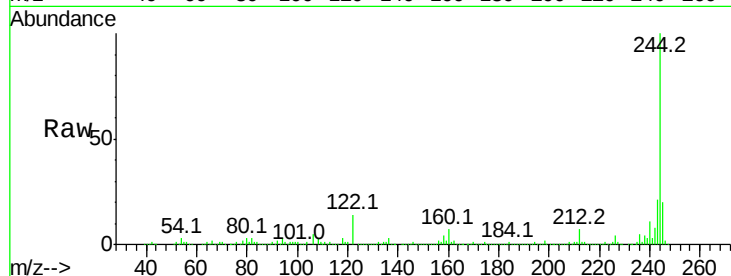
#78
 Terphenyl-d14
 Concen: 47.407 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.8	10.3	15.5

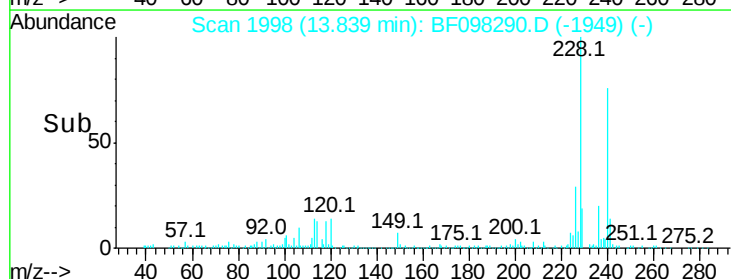
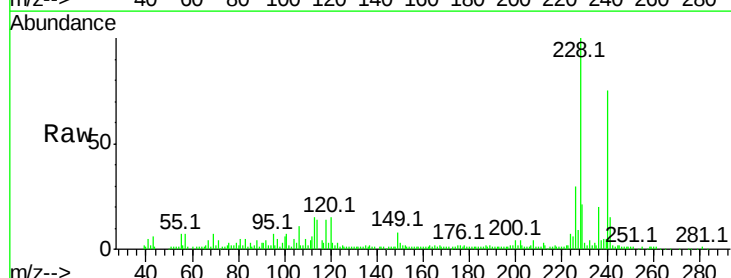
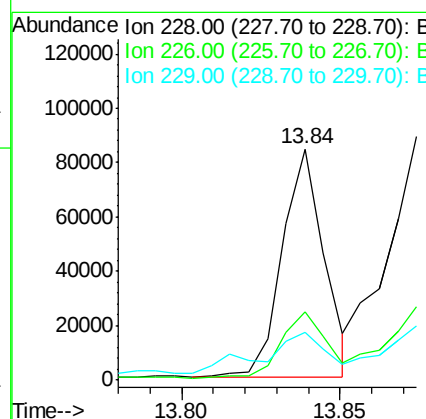
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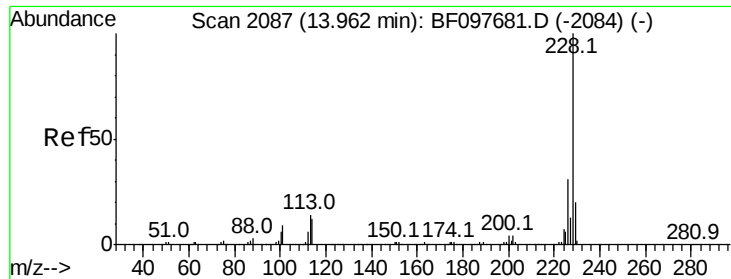
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#80
 Benzo(a)anthracene
 Concen: 5.956 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.8	16.3	24.5





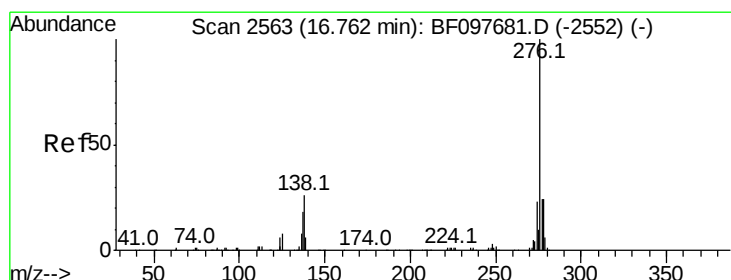
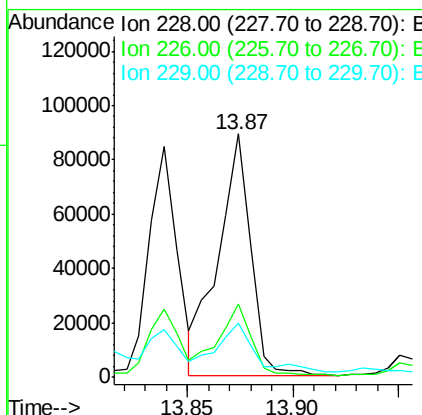
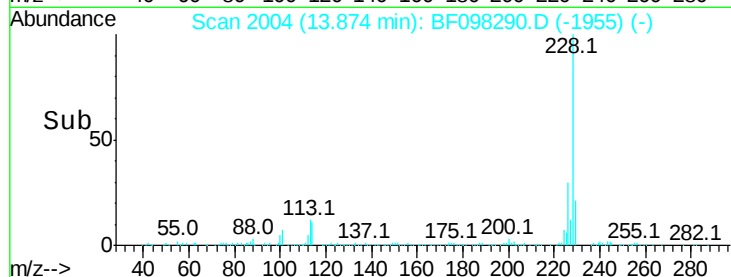
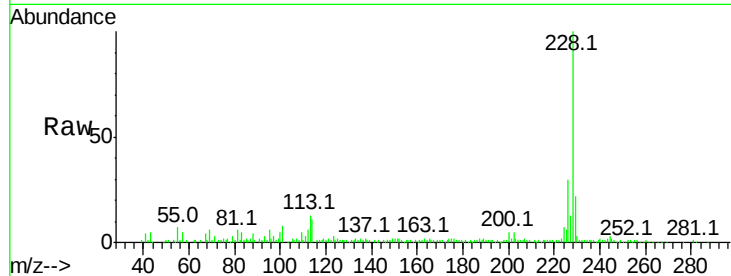
#82
 Chrysene
 Concen: 7.266 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

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

Tot Ion:	228	Resp:	94553
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.9	37.3
229	22.4	15.8	23.6

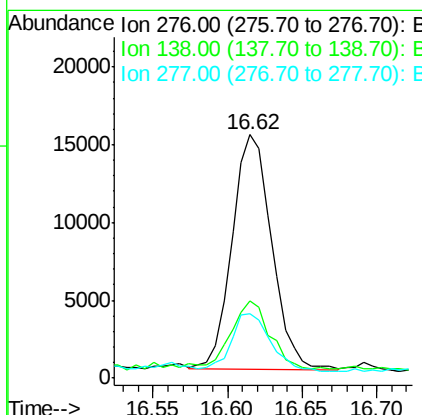
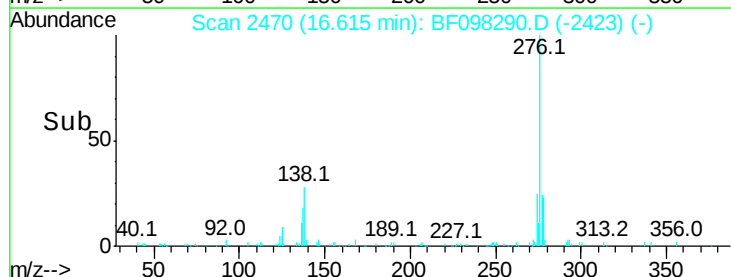
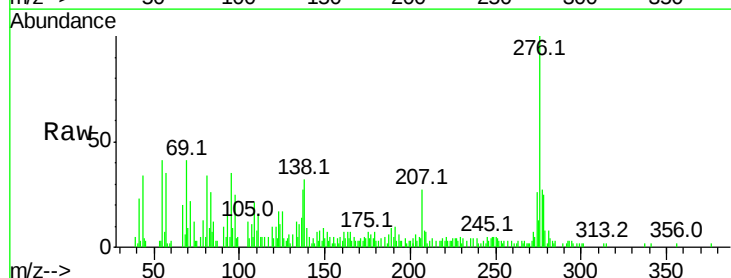
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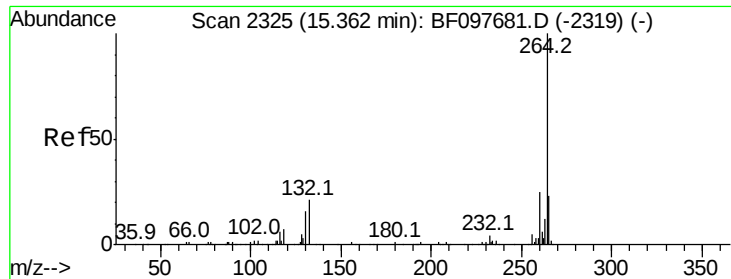
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.912 ng
 RT: 16.62 min Scan# 2470
 Delta R.T. -0.02 min
 Lab File: BF098290.D
 Acq: 6 Sep 2017 23:26

Tgt Ion:	276	Resp:	27877
Ion Ratio	Lower	Upper	
276	100		
138	29.0	27.8	41.6
277	24.4	20.2	30.4





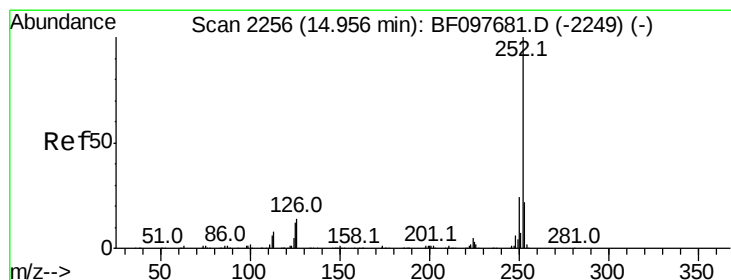
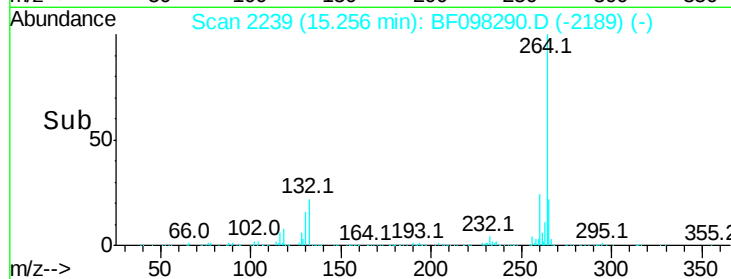
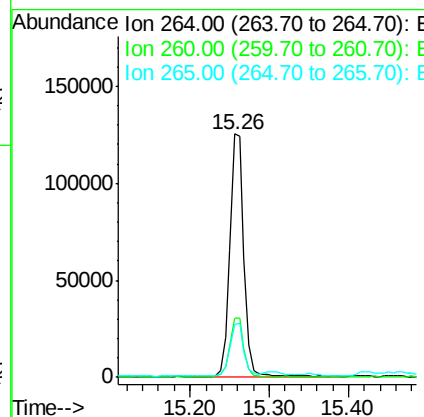
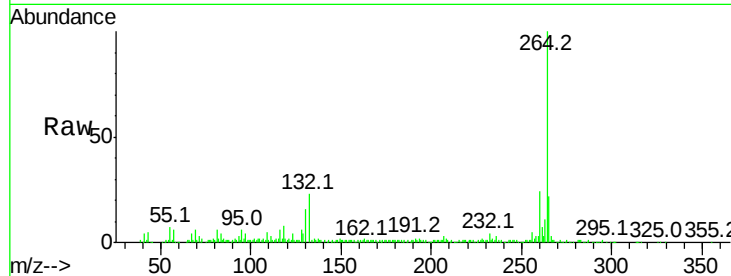
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.0	17.2	25.8

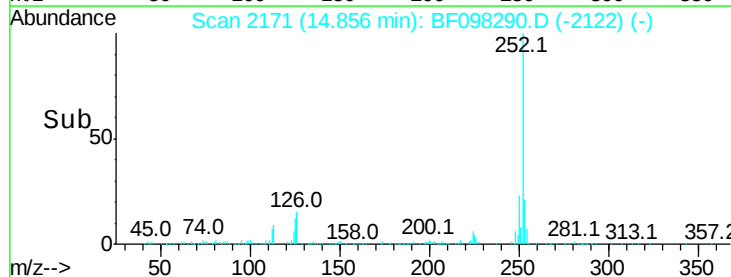
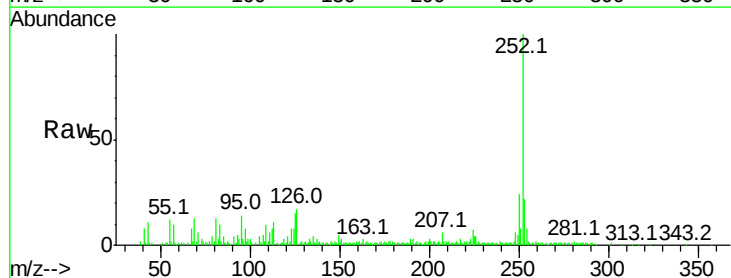
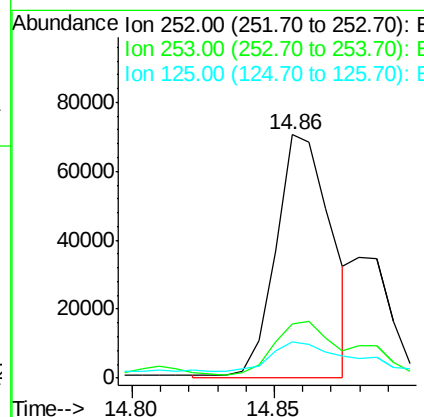
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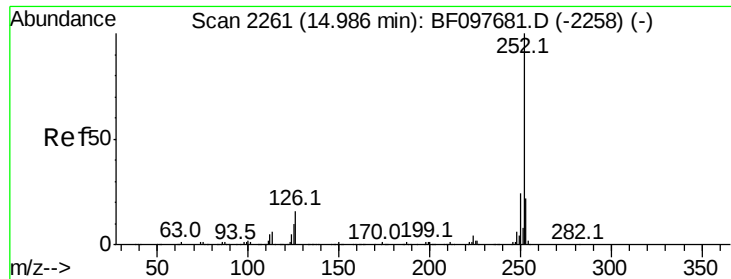
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#87
Benzo(b)fluoranthene
Concen: 9.815 ng m
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.8	9.8	14.8#





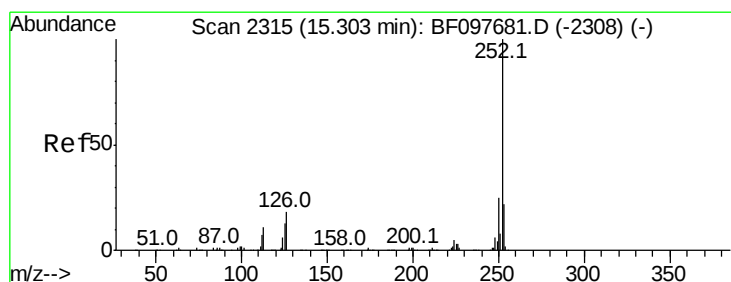
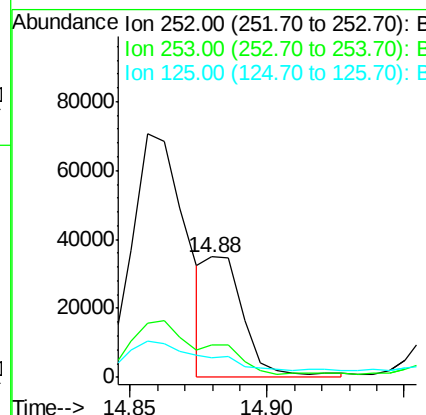
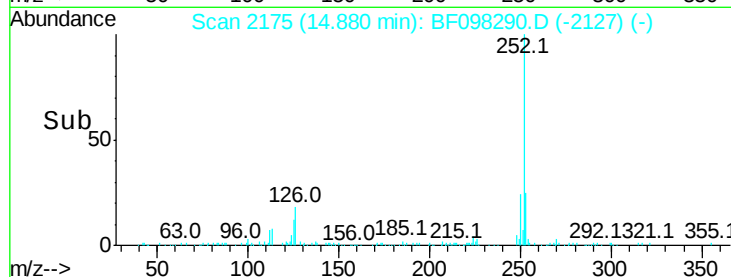
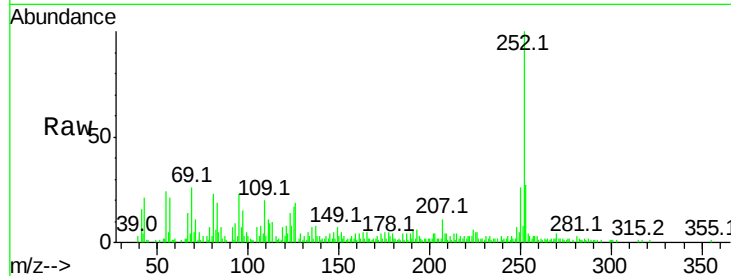
#88
Benzo(k)fluoranthene
Concen: 3.706 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.4	27.6
125	16.6	13.1	19.7

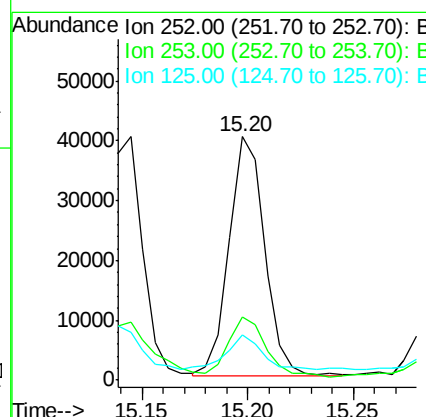
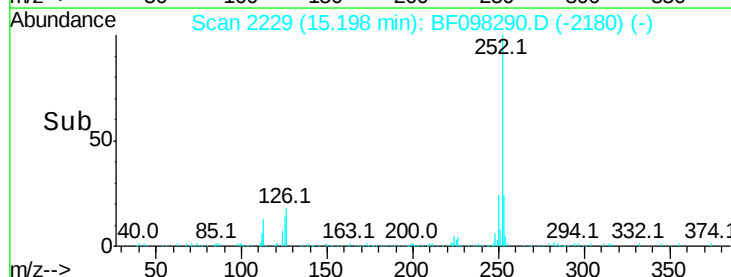
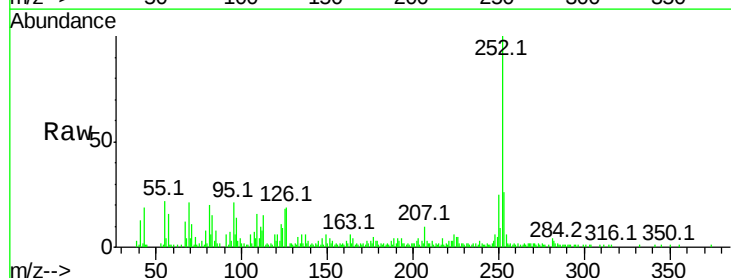
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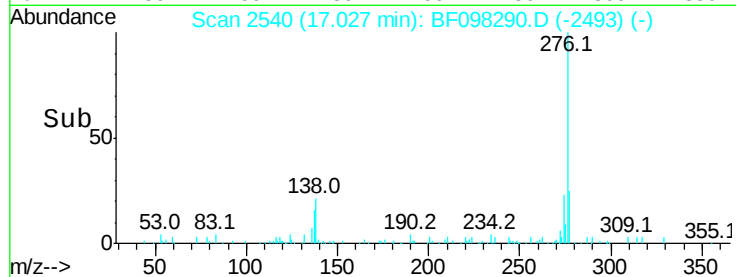
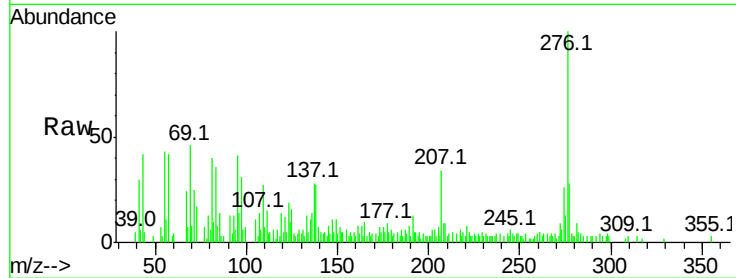
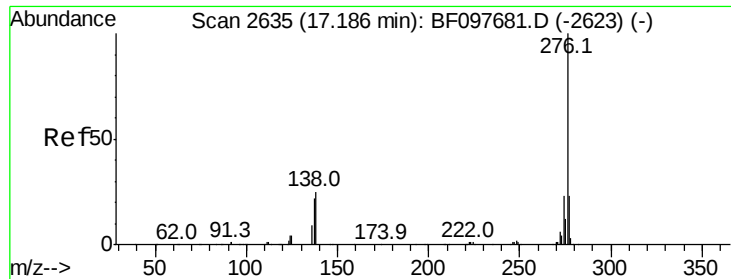
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#89
Benzo(a)pyrene
Concen: 5.417 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF098290.D
Acq: 6 Sep 2017 23:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	18.3	11.0	16.4





#91

Benzo(a,h,i)perylene

Concen: 3.814 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BF098290.D

Acq: 6 Sep 2017 23:26

Tot Ion:	276	Resp:	28038
Ion Ratio	Lower	Upper	
276	100		
277	27.8	18.6	28.0
138	27.0	25.4	38.0

Instrument :

BNA_F

ClientSampleId :

G-62A-1.5-3

Manual Integrations
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