

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092531.D
 Acq On : 26 Jan 2017 18:08
 Operator : SJ/MA
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Manual Integrations
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Quant Time: Jan 27 17:22:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.97
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.27
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.03
63) Phenanthrene-d10	11.52	188	207	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	1010	20.00	ng	-0.01
86) Perylene-d12	15.65	264	752	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	13.11	244	1911	50.38	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) Atrazine	11.33	200	39168	17701.73	ng	# 36
69) Pentachlorophenol	11.33	266	217001	160656.32	ng	# 97
70) Phenanthrene	11.55	178	529	46.41	ng	# 58
71) Anthracene	11.55	178	529	47.48	ng	# 59
72) Carbazole	11.78	167	9127	858.05	ng	# 78
73) Di-n-butylphthalate	12.09	149	3024	248.62	ng	# 76
74) Fluoranthene	12.74	202	845	75.78	ng	# 1
76) Benzidine	12.87	184	1282733	34211.28	ng	# 96
77) Pyrene	12.97	202	935	12.78	ng	# 8
79) Butylbenzylphthalate	13.61	149	341	11.50	ng	# 83
80) Benzo(a)anthracene	14.12	228	656	12.09	ng	# 1
81) 3,3'-Dichlorobenzidine	14.11	252	464	22.51	ng	# 40
82) Chrysene	14.19	228	712	12.28	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.15	149	2171	58.15	ng	# 31
84) Di-n-octyl phthalate	14.74	149	2249	33.18	ng	# 74
85) Indeno(1,2,3-cd)pyrene	17.13	276	277	6.46	ng	# 49
87) Benzo(b)fluoranthene	15.23	252	444	9.20	ng	# 1
88) Benzo(k)fluoranthene	15.23	252	564	14.05	ng	# 1
89) Benzo(a)pyrene	15.59	252	758	18.56	ng	# 1
90) Dibenzo(a,h)anthracene	17.17	278	469	14.20	ng	# 1
91) Benzo(g,h,i)perylene	17.59	276	643	19.25	ng	# 1

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

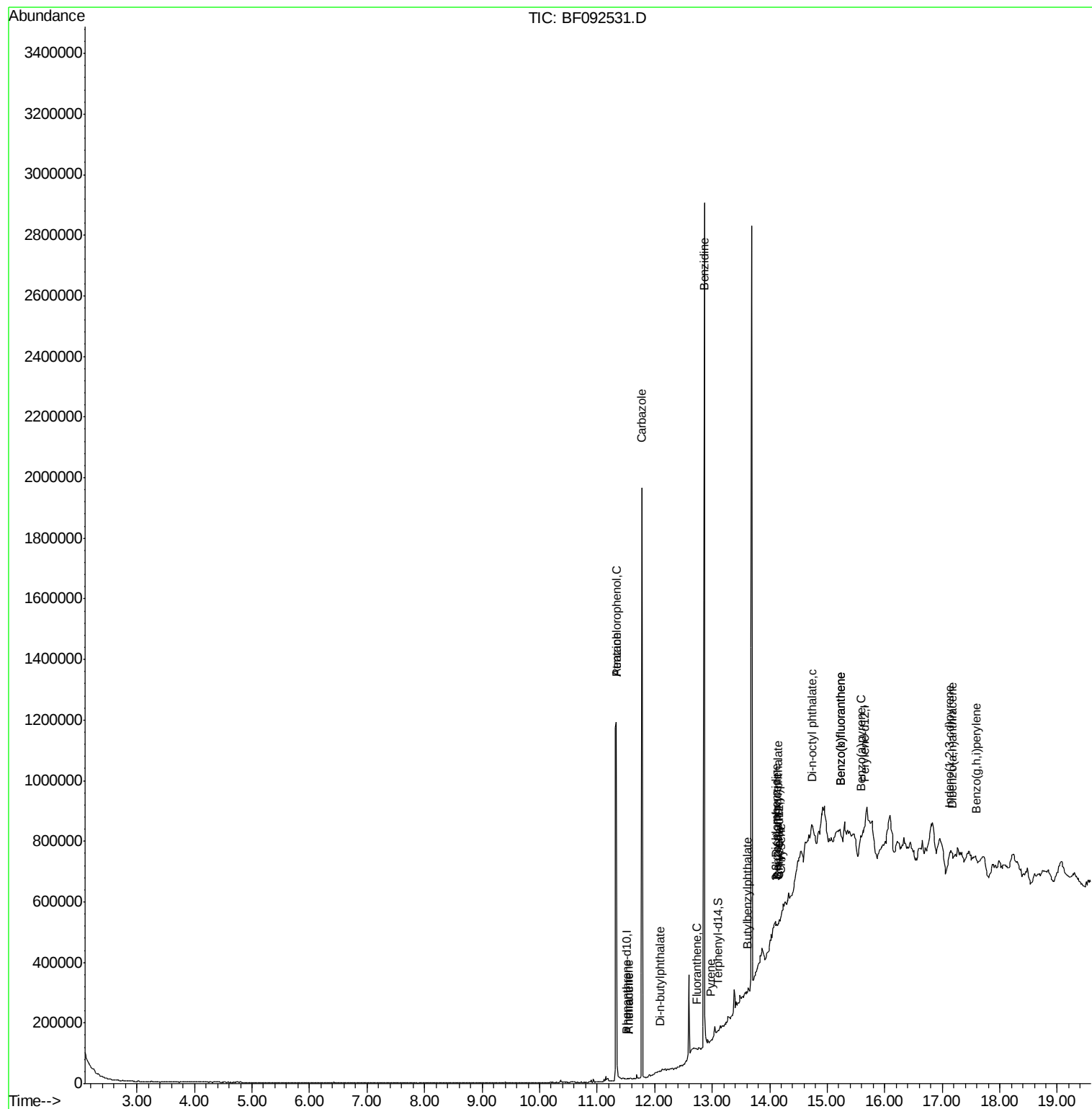
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
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Misc :
ALS Vial : 1 Sample Multiplier: 1

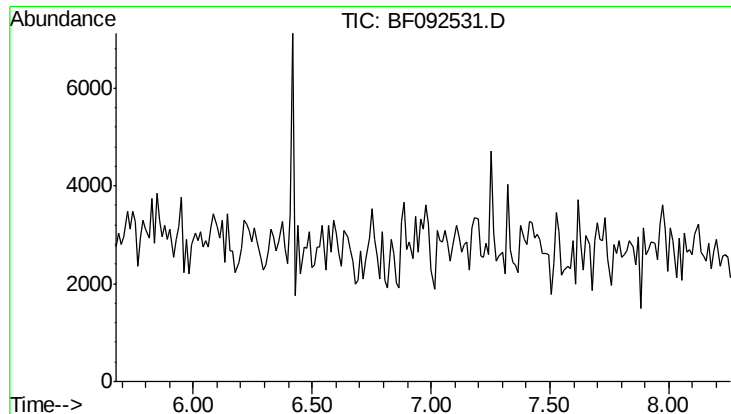
Instrument :
BNA_F
ClientSampled :
DFTPP

Quant Time: Jan 27 17:22:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
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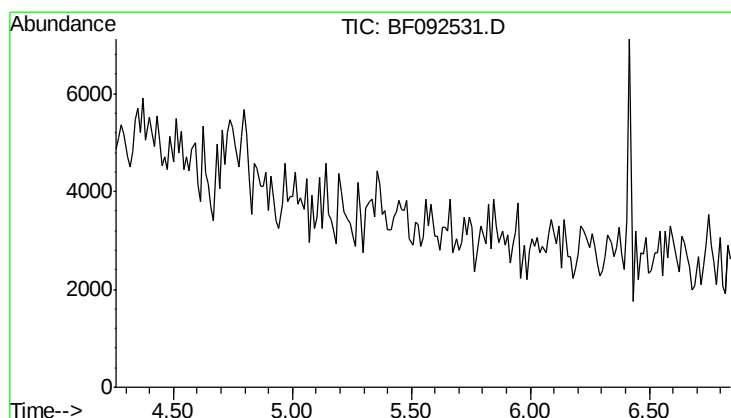
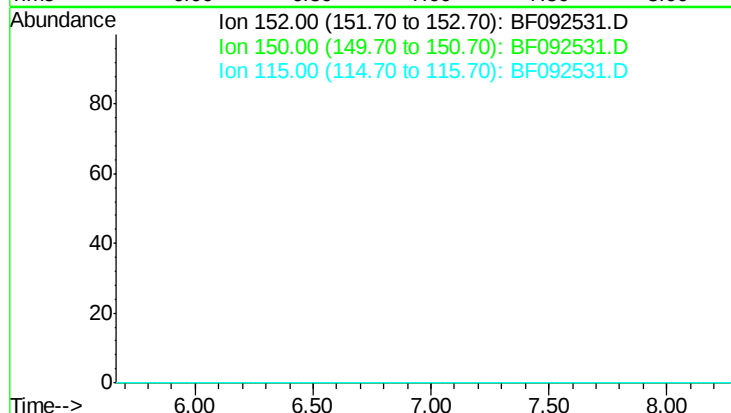
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.00 ng
 Expected RT: 6.97 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tot Ion	152
Sig	Exp Ratio
152	100
150	156.1
115	57.5

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

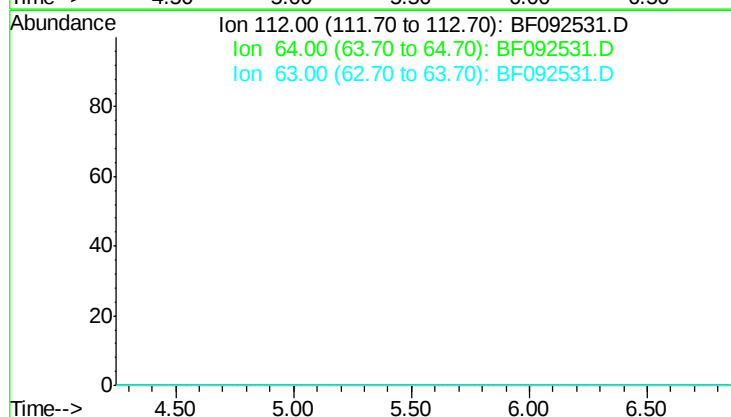
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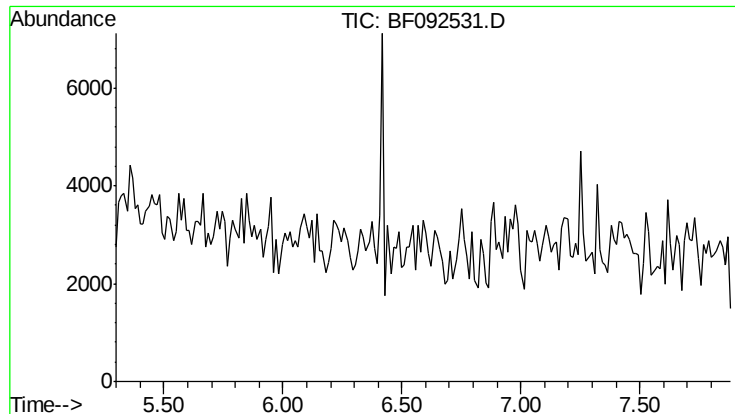
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#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.55 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tgt Ion	112
Sig	Exp Ratio
112	100
64	57.6
63	29.7





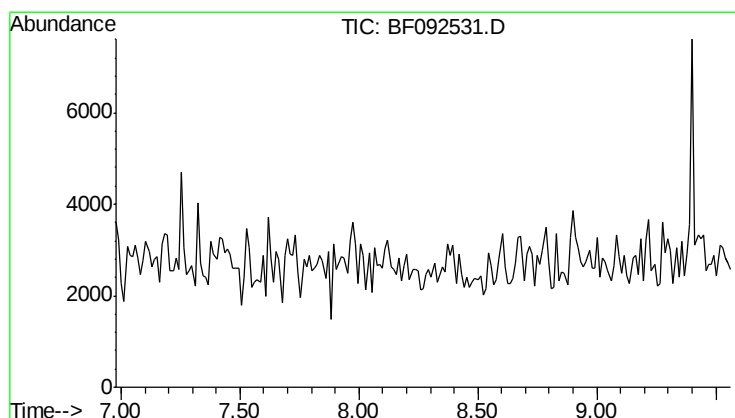
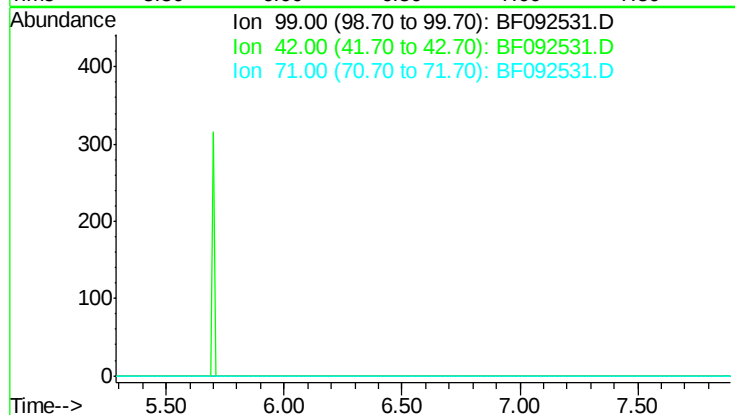
#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.59 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	99
Sig	Exp Ratio
99	100
42	19.5
71	34.4

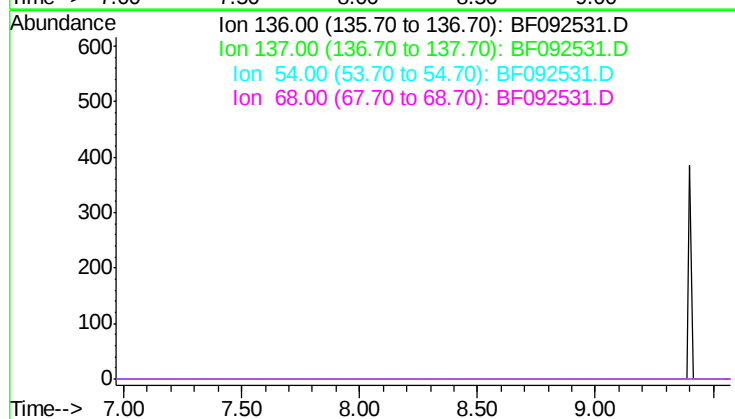
Manual Integrations
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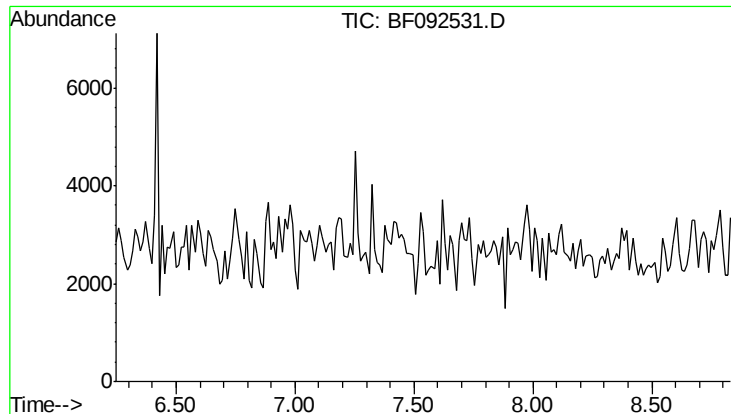
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#21
 Naphthalene-d8
 Concen: 0.00 ng
 Expected RT: 8.27 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tgt Ion	136
Sig	Exp Ratio
136	100
137	10.5
54	5.6
68	4.5





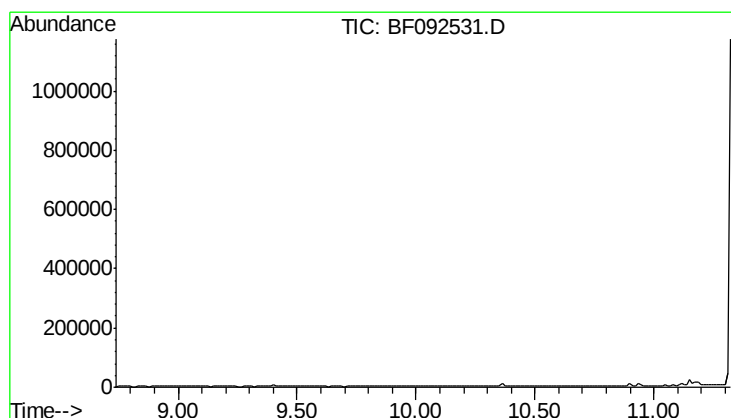
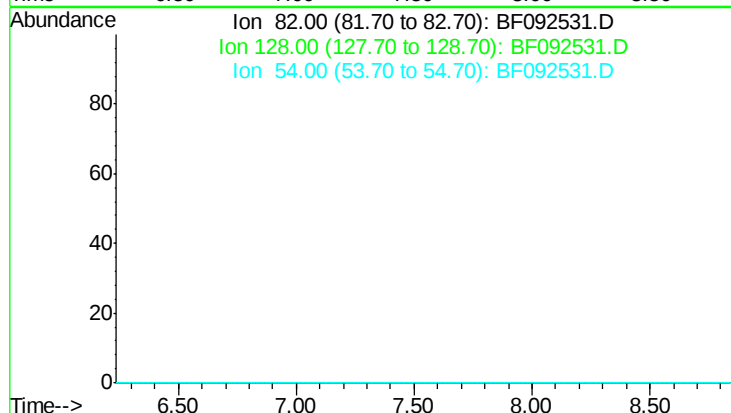
#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.54 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tot Ion	82
Sig	Exp Ratio
82	100
128	43.3
54	49.4

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

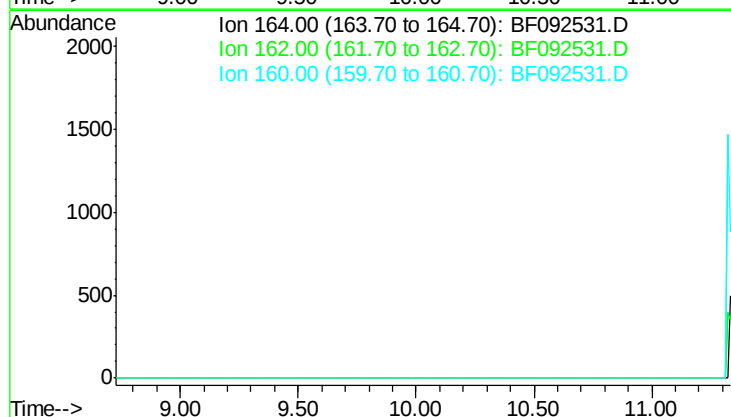
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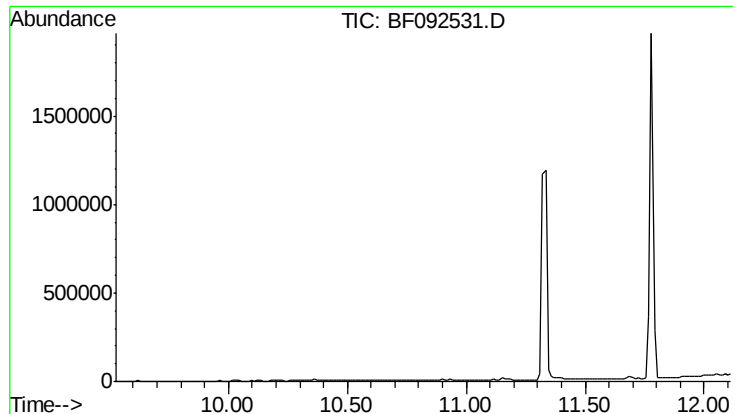
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#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.03 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tgt Ion	164
Sig	Exp Ratio
164	100
162	100.2
160	46.1





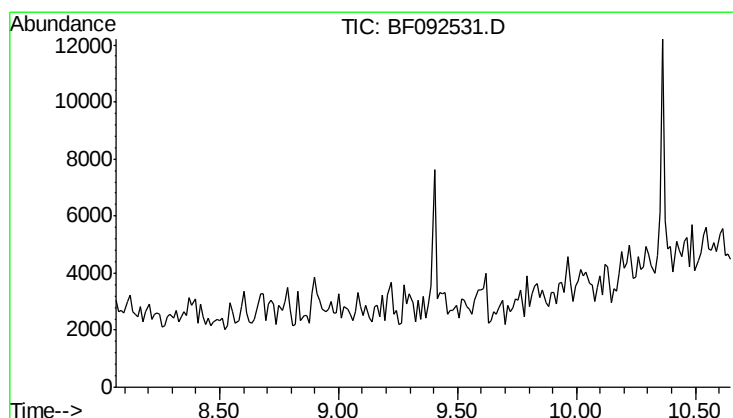
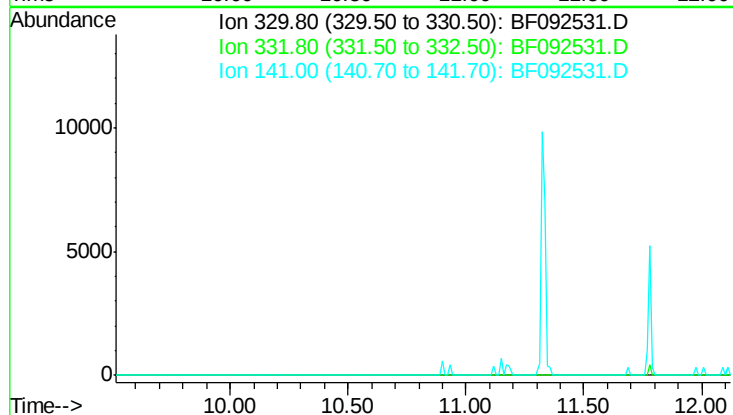
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.82 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tot Ion	Sig	Exp Ratio
330	100	
332	96.8	
141	42.6	

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

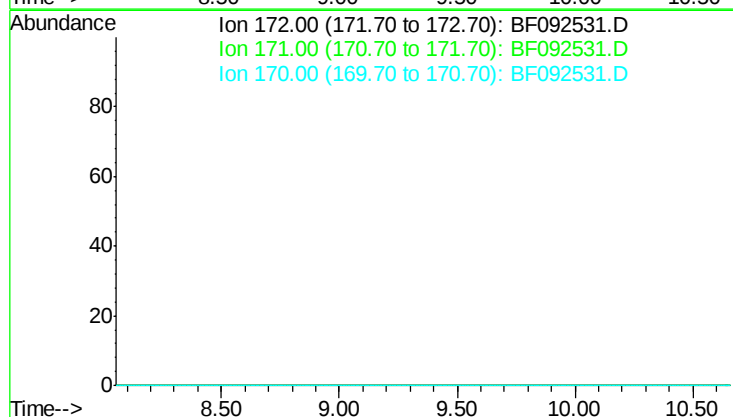
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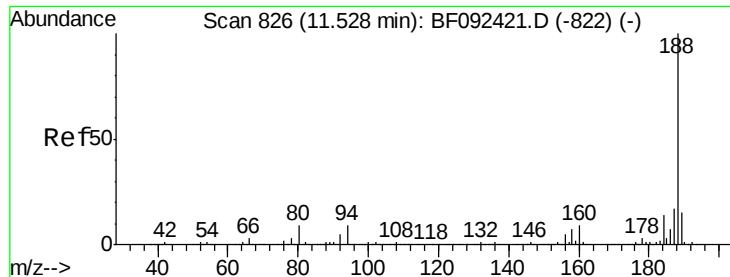
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#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 9.36 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tgt Ion	Sig	Exp Ratio
172	100	
171	36.7	
170	25.3	





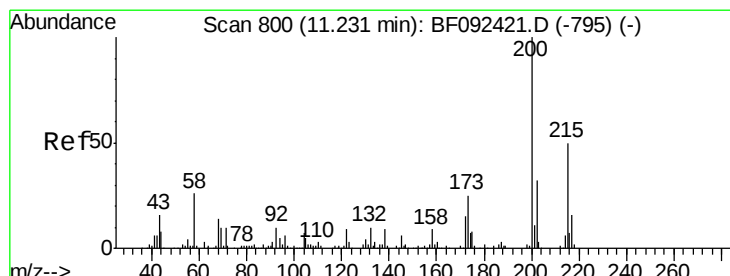
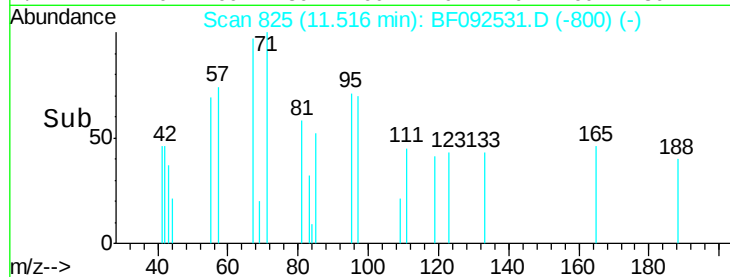
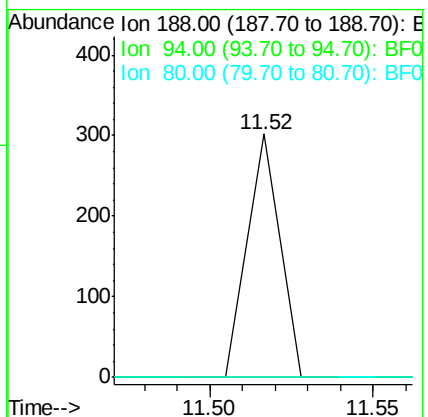
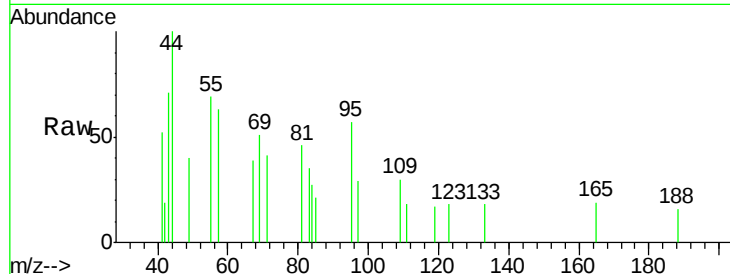
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092531.D
Acq: 26 Jan 2017 18:08

Instrument :
BNA_F
ClientSampled :
DFTPP

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	10.0	15.0#
80	0.0	11.2	16.8#

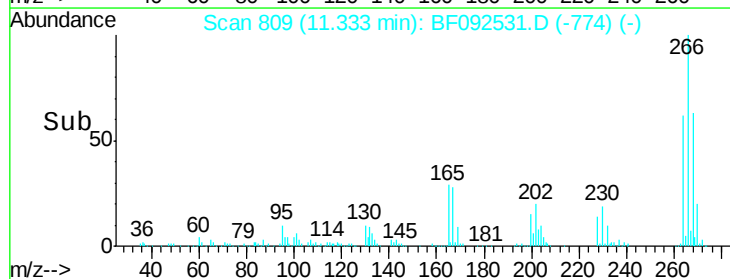
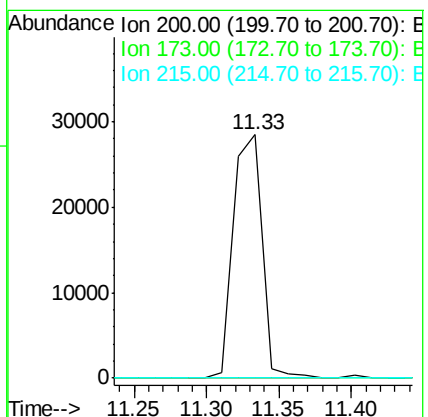
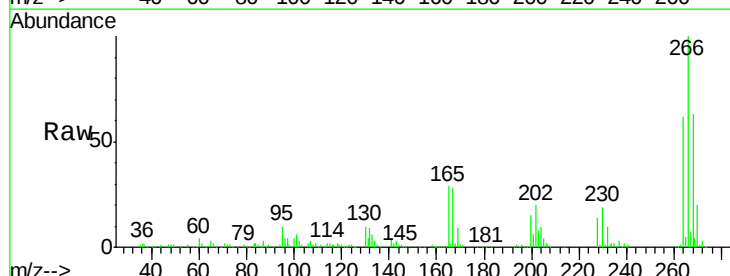
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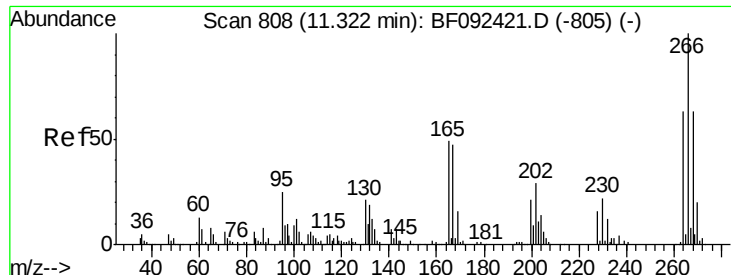
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#68
Atrazine
Concen: 17701.73 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.10 min
Lab File: BF092531.D
Acq: 26 Jan 2017 18:08

Tgt Ion	Ratio	Lower	Upper
200	100		
173	0.0	9.6	49.6#
215	0.0	25.7	65.7#





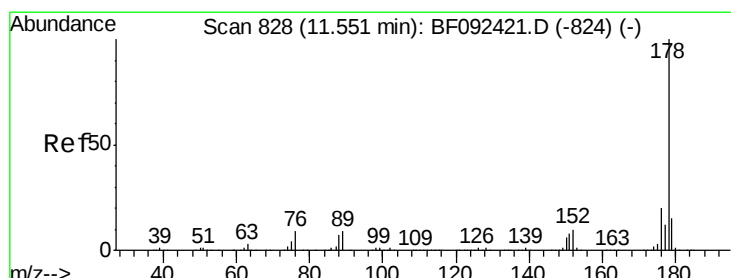
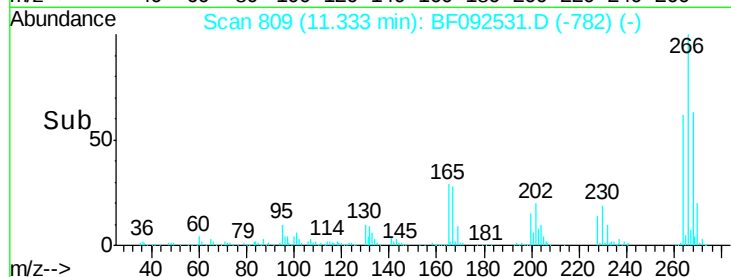
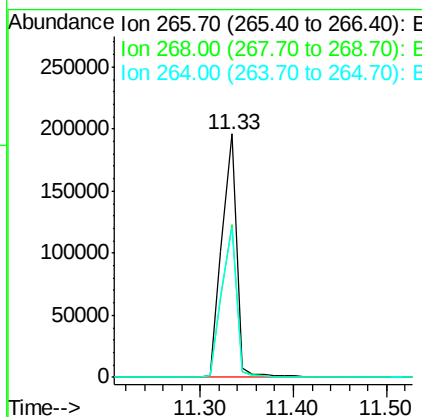
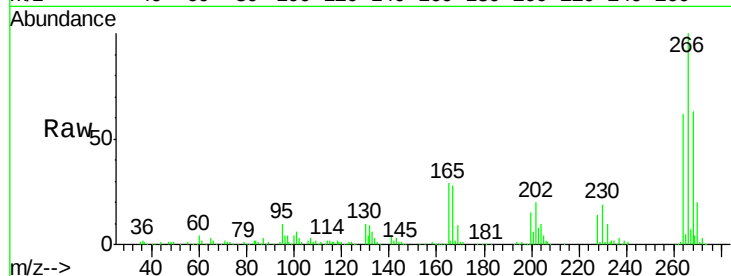
#69
 Pentachlorophenol
 Concen: 160656.32 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	53.3	79.9
264	61.9	50.3	75.5

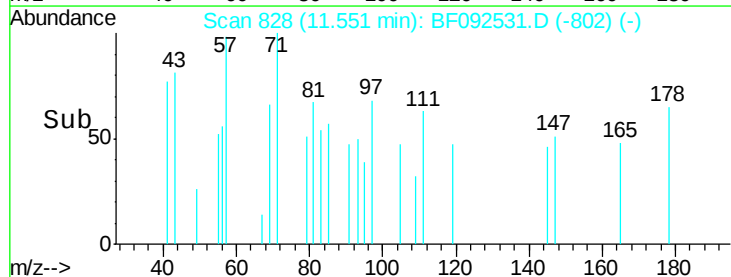
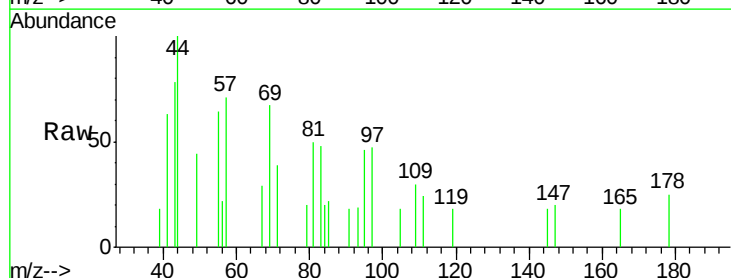
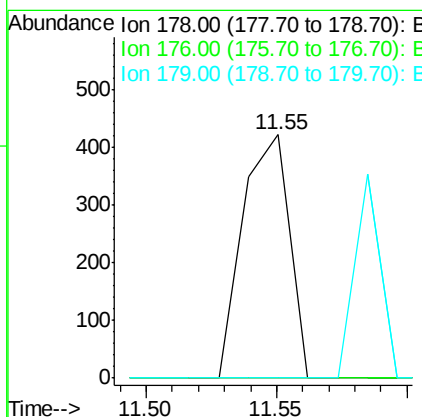
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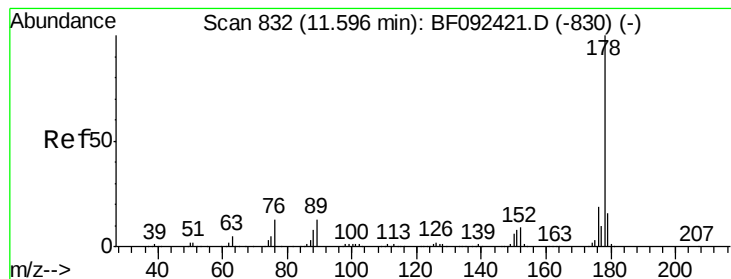
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#70
 Phenanthrene
 Concen: 46.41 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.6	25.0#
179	0.0	12.8	19.2#





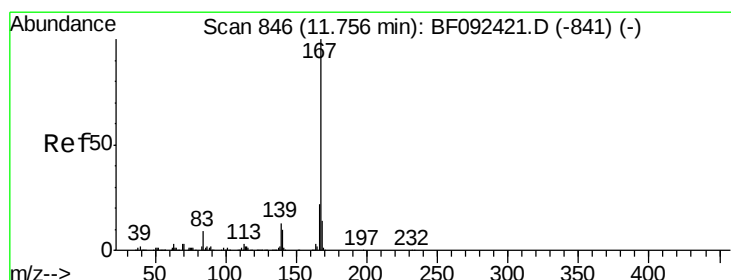
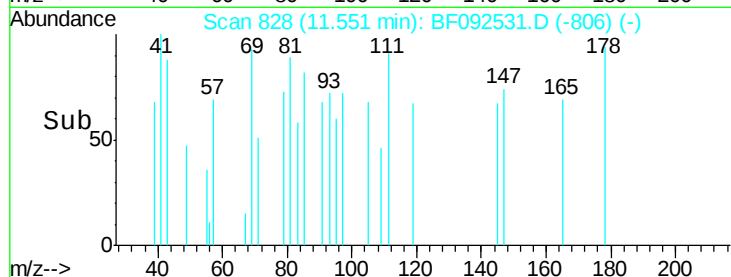
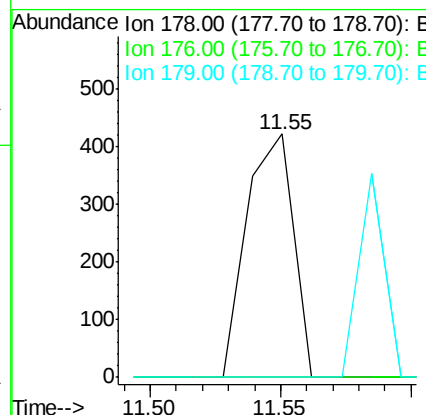
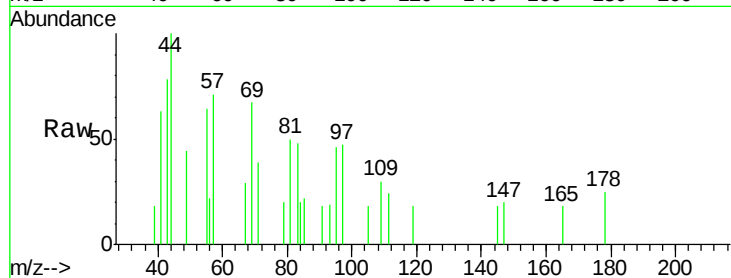
#71
 Anthracene
 Concen: 47.48 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	0.0	13.2	19.8#

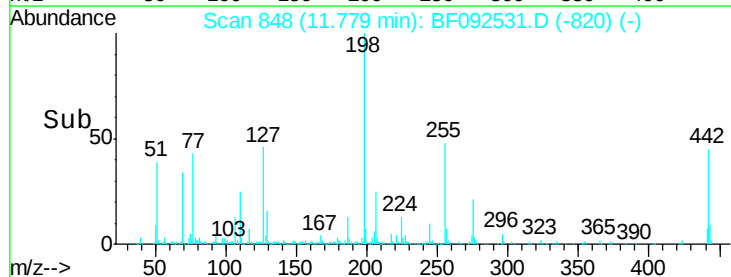
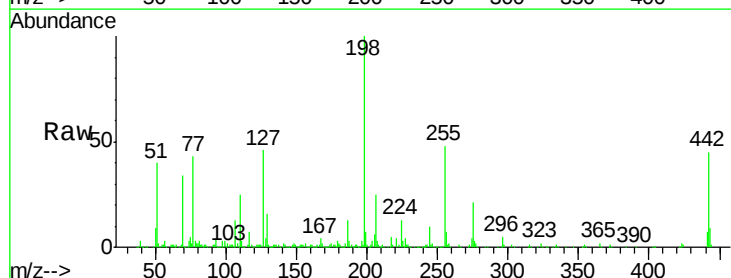
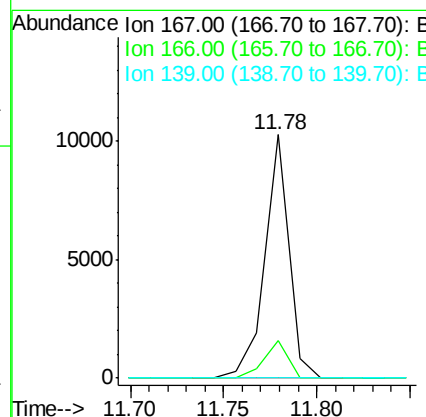
Manual Integrations
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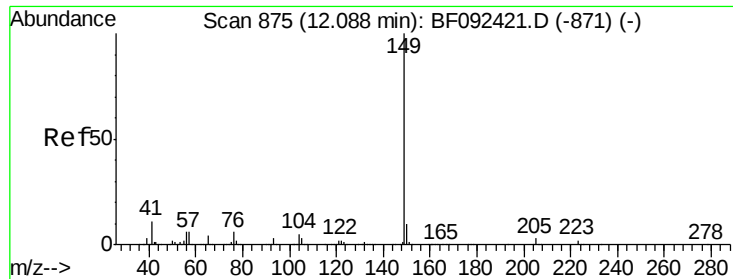
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#72
 Carbazole
 Concen: 858.05 ng
 RT: 11.78 min Scan# 848
 Delta R.T. 0.02 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	15.7	18.2	27.2#
139	0.0	11.4	17.2#





#73

Di-n-butylphthalate

Concen: 248.62 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092531.D

Acq: 26 Jan 2017 18:08

Instrument :

BNA_F

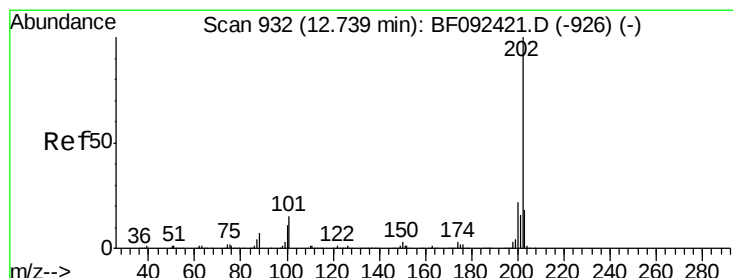
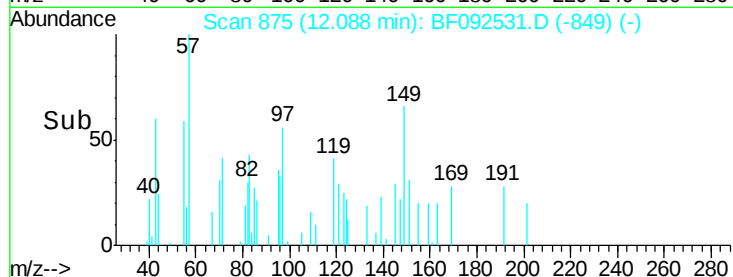
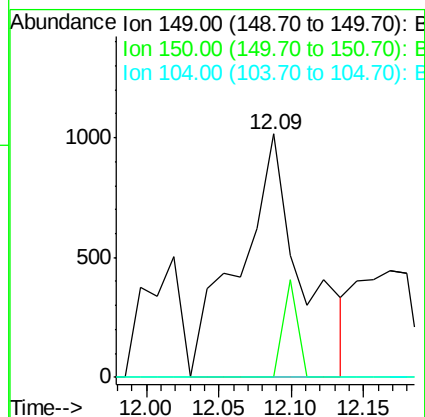
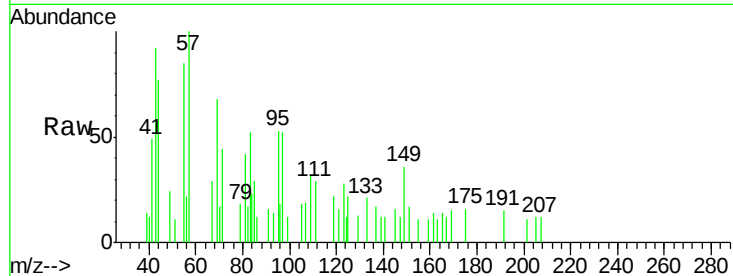
ClientSampled :

DFTPP

Tot Ion:	149	Resp:	3024
Ion Ratio	Lower	Upper	
149	100		
150	0.0	8.1	12.1#
104	0.0	4.6	7.0#

Manual Integrations
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#74

Fluoranthene

Concen: 75.78 ng

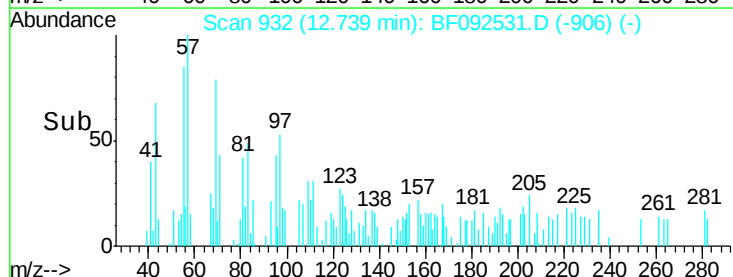
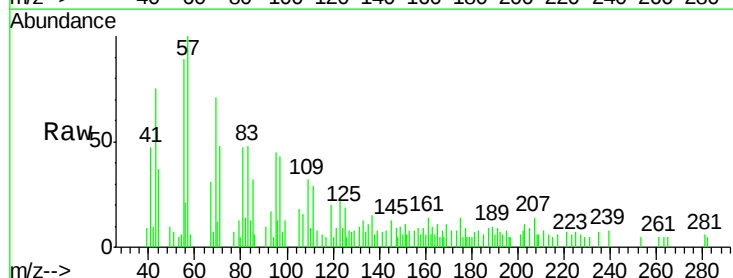
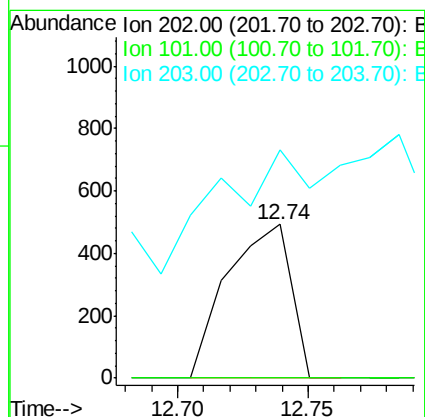
RT: 12.74 min Scan# 932

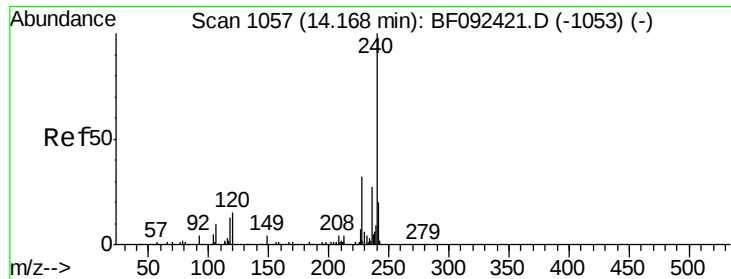
Delta R.T. -0.00 min

Lab File: BF092531.D

Acq: 26 Jan 2017 18:08

Tgt Ion:	202	Resp:	845
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	34.6
203	148.3	0.0	38.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092531.D

Acq: 26 Jan 2017 18:08

Instrument :

BNA_F

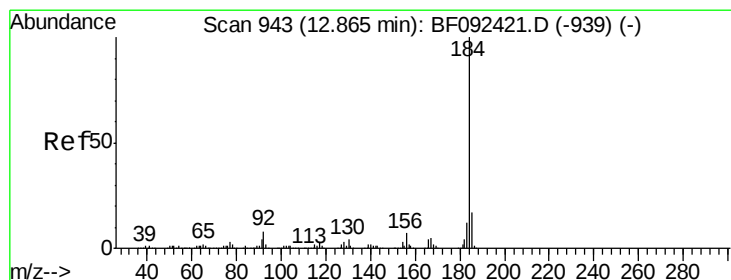
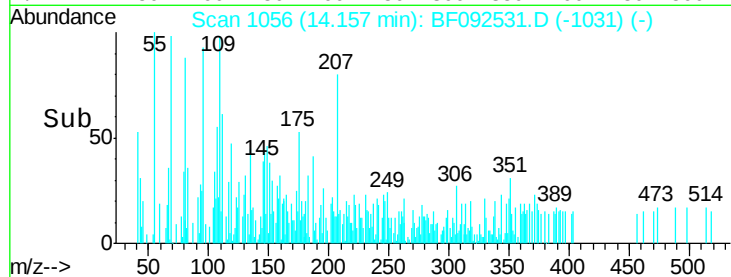
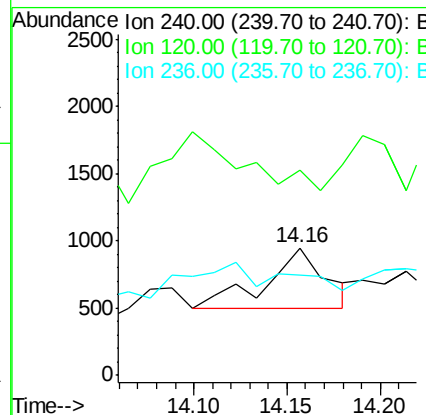
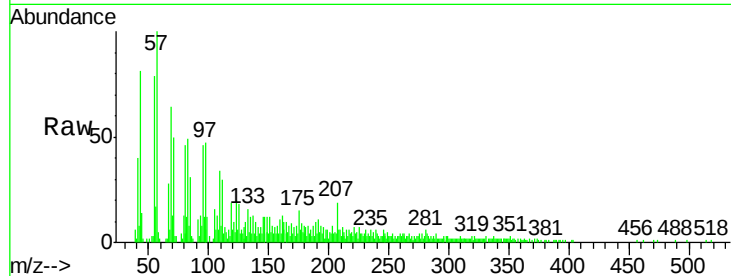
ClientSampled :

DFTPP

Tot Ion	Ratio	Lower	Upper
240	100		
120	161.4	12.9	19.3#
236	78.9	20.9	31.3#

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#76

Benzidine

Concen: 34211.28 ng

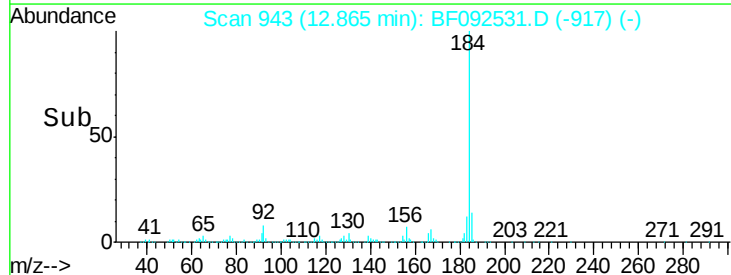
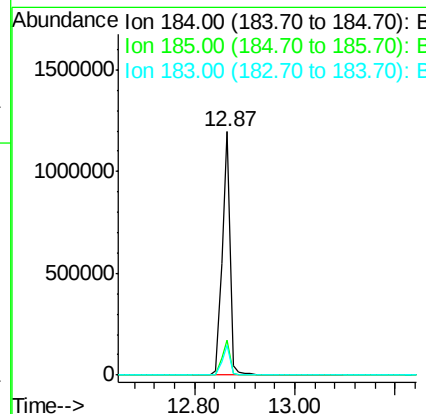
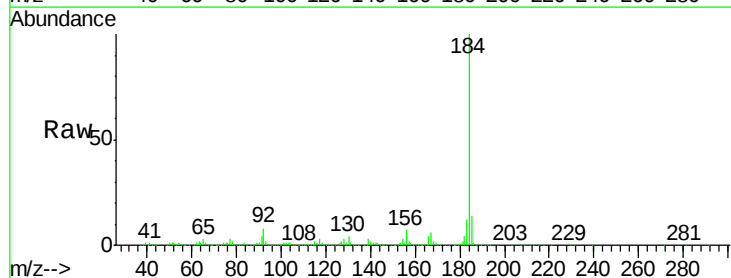
RT: 12.87 min Scan# 943

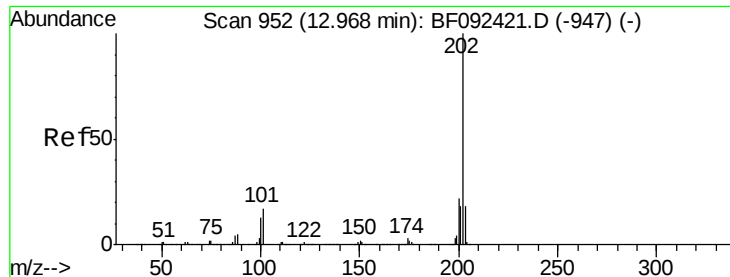
Delta R.T. -0.00 min

Lab File: BF092531.D

Acq: 26 Jan 2017 18:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	12.0	9.2	13.8





#77

Pvrene

Concen: 12.78 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092531.D

Acq: 26 Jan 2017 18:08

Instrument :

BNA_F

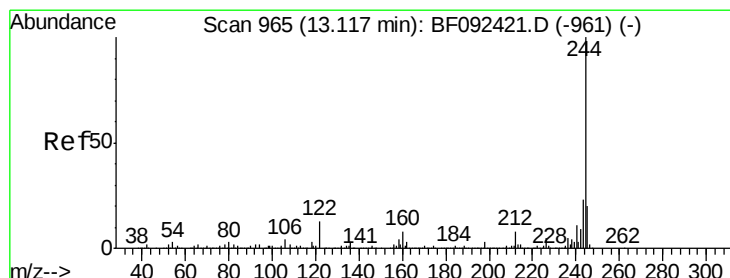
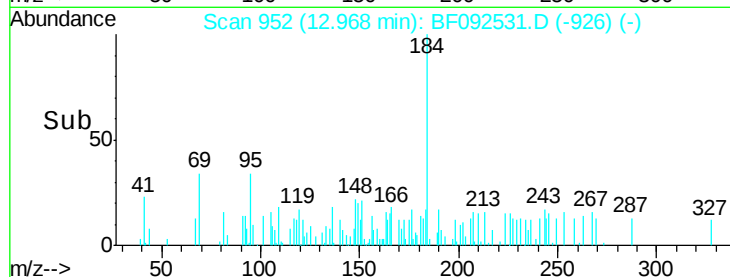
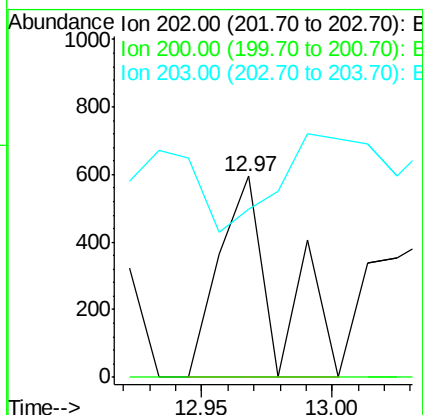
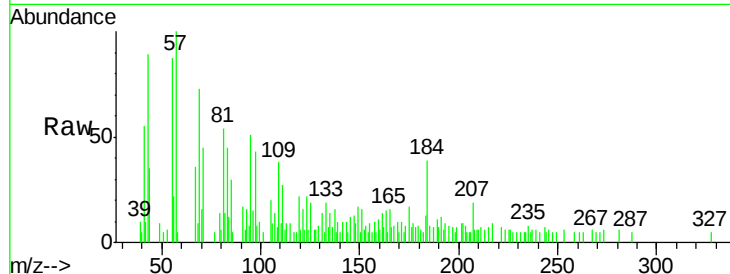
ClientSampled :

DFTPP

Tot Ion:	202	Resp:	935
Ion Ratio	Lower	Upper	
202	100		
200	0.0	17.7	26.5#
203	83.7	14.7	22.1#

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#78

Terphenyl-d14

Concen: 50.38 ng

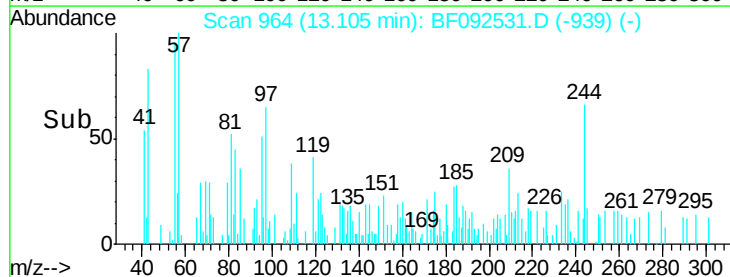
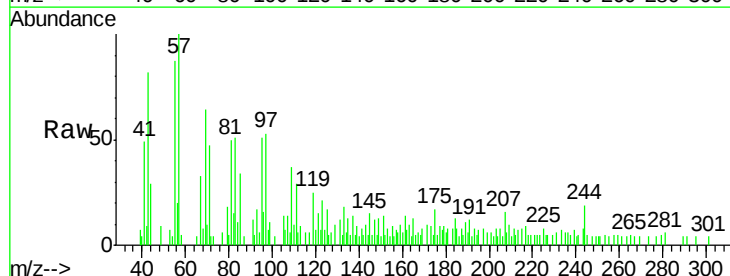
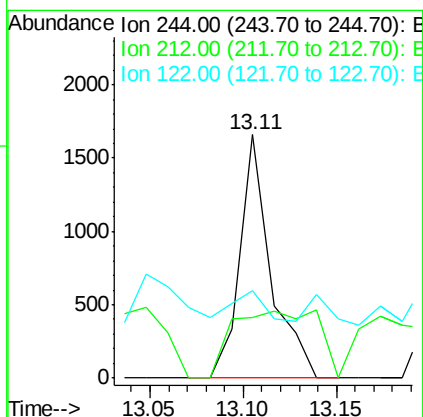
RT: 13.11 min Scan# 964

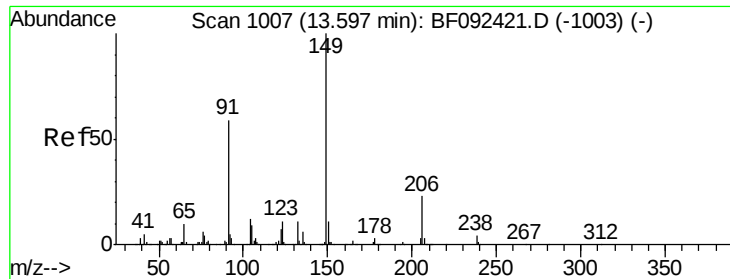
Delta R.T. -0.01 min

Lab File: BF092531.D

Acq: 26 Jan 2017 18:08

Tgt Ion:	244	Resp:	1911
Ion Ratio	Lower	Upper	
244	100		
212	24.8	6.2	9.2#
122	36.0	11.4	17.2#





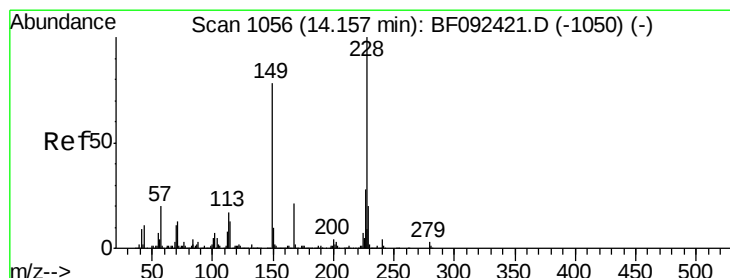
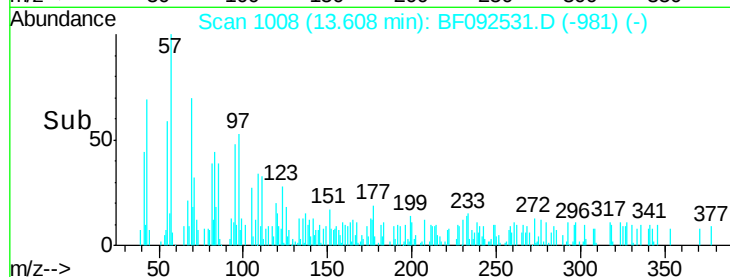
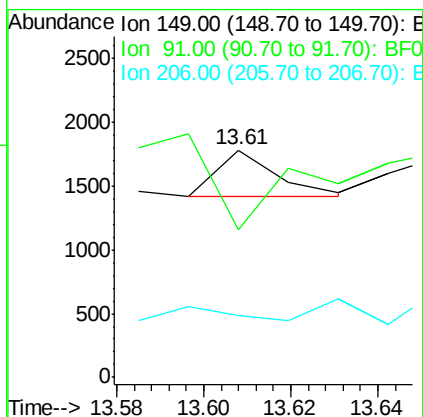
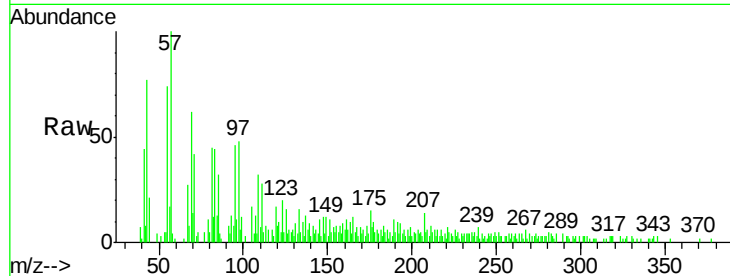
#79
Butylbenzylphthalate
Concen: 11.50 ng
RT: 13.61 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF092531.D
Acq: 26 Jan 2017 18:08

Instrument :
BNA_F
ClientSampled :
DFTPP

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.2	63.9	95.9
206	27.1	14.6	21.8

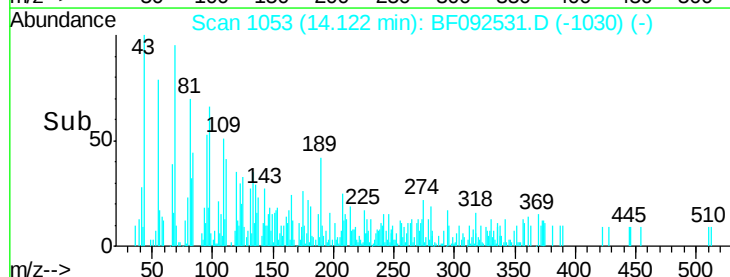
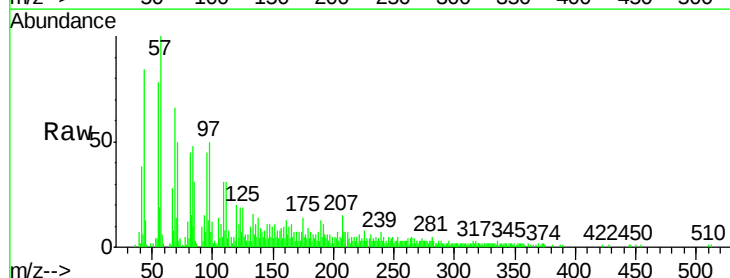
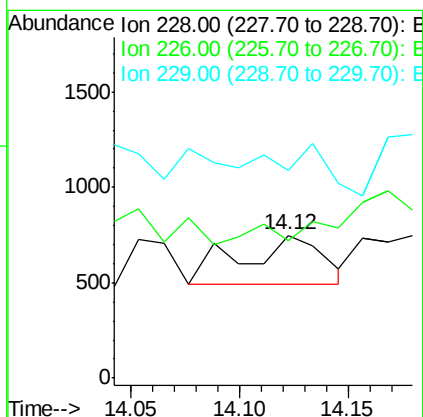
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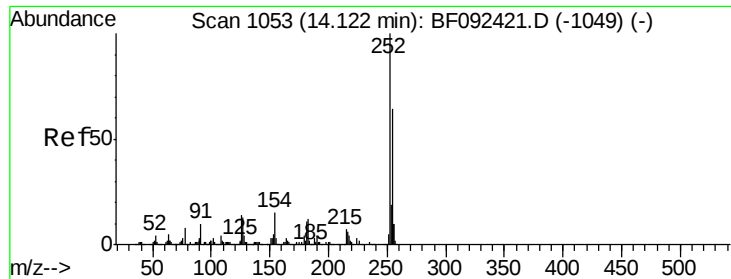
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#80
Benzo(a)anthracene
Concen: 12.09 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.03 min
Lab File: BF092531.D
Acq: 26 Jan 2017 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	96.4	22.4	33.6
229	145.1	16.2	24.4





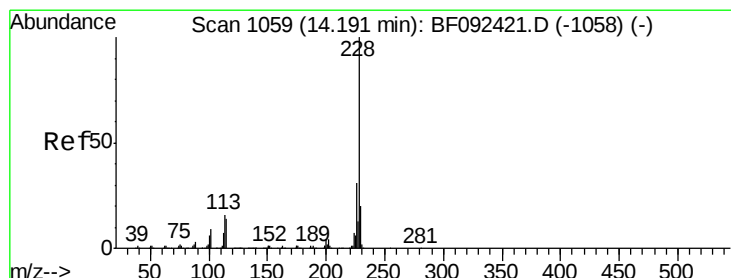
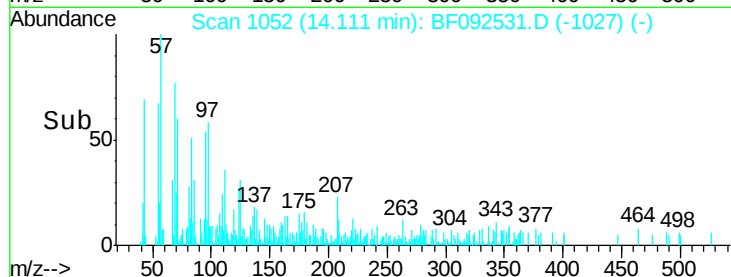
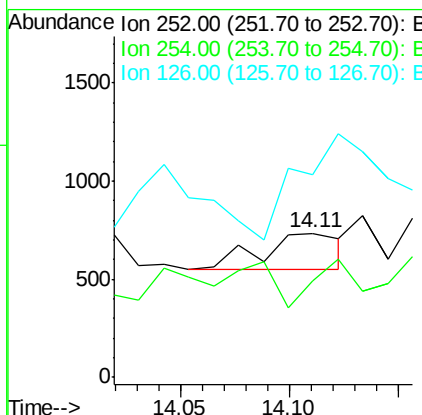
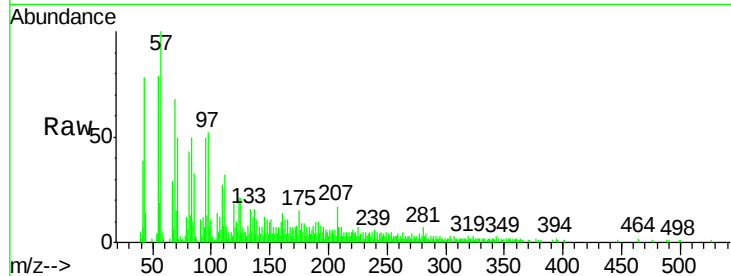
#81
 3,3'-Dichlorobenzidine
 Concen: 22.51 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.2	52.3	78.5
126	140.2	13.6	20.4

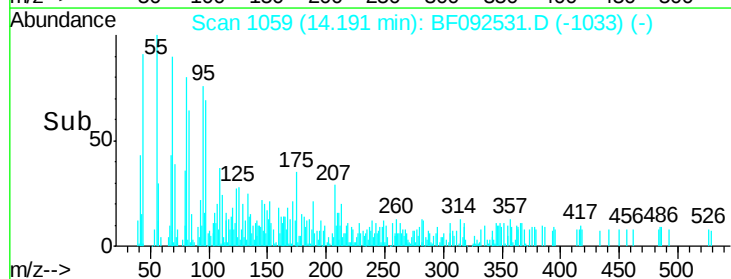
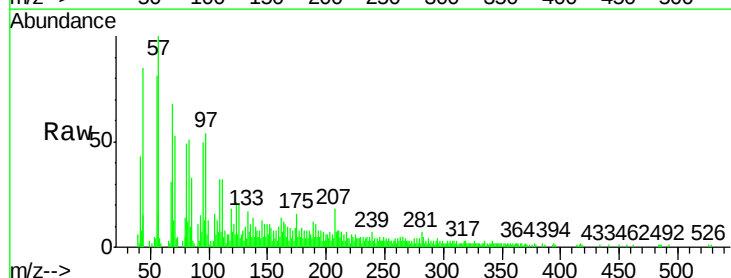
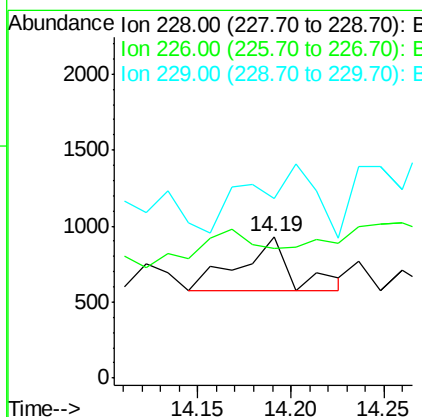
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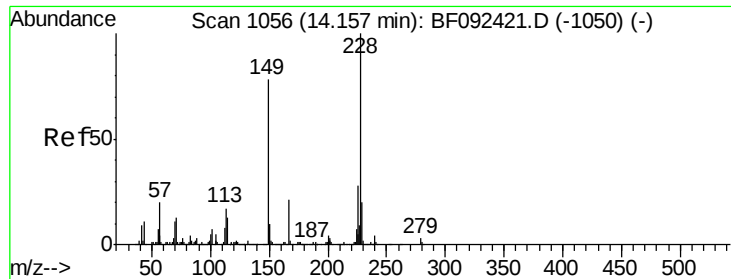
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#82
 Chrysene
 Concen: 12.28 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	91.7	25.4	38.0
229	126.9	16.2	24.2





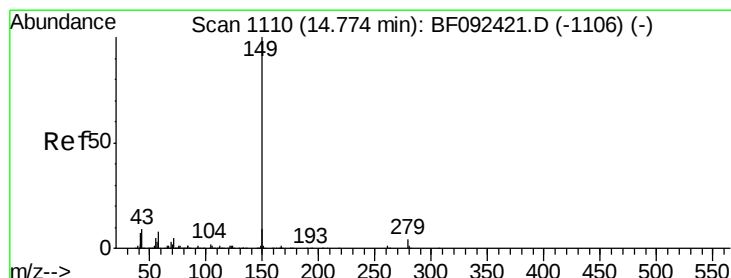
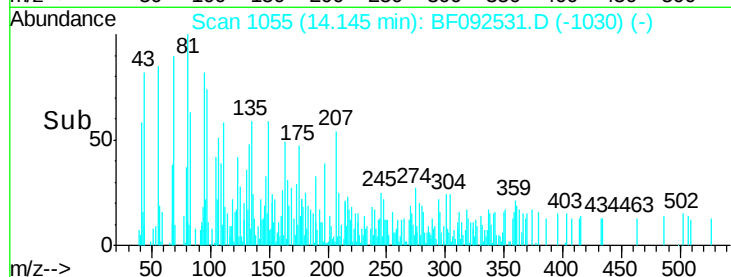
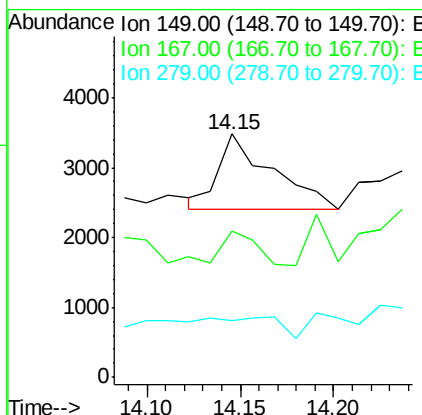
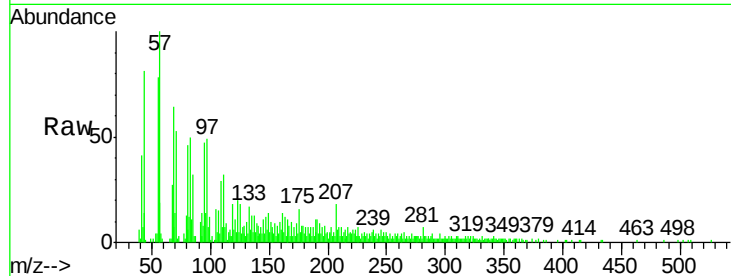
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.15 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tot Ion	Ratio	Lower	Upper
149	100		
167	60.2	20.2	30.4#
279	23.1	1.8	2.8#

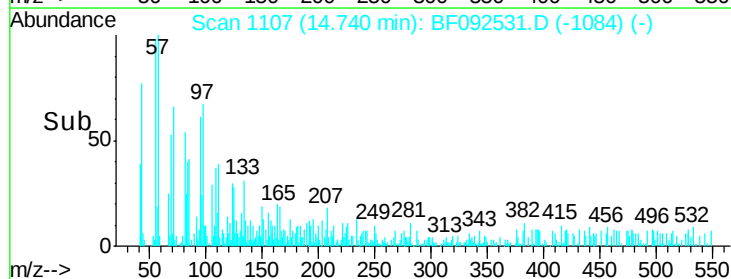
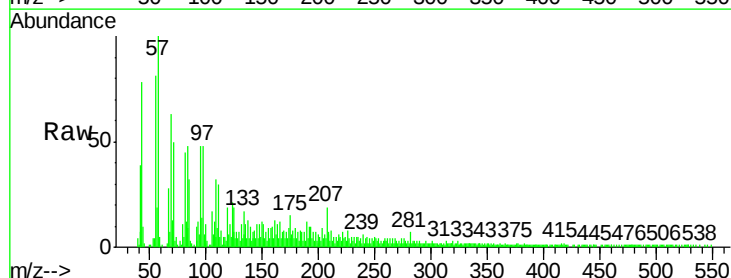
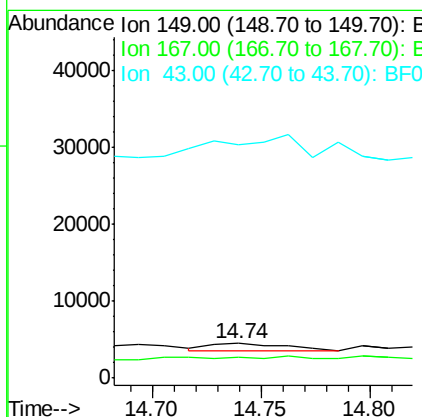
Manual Integrations
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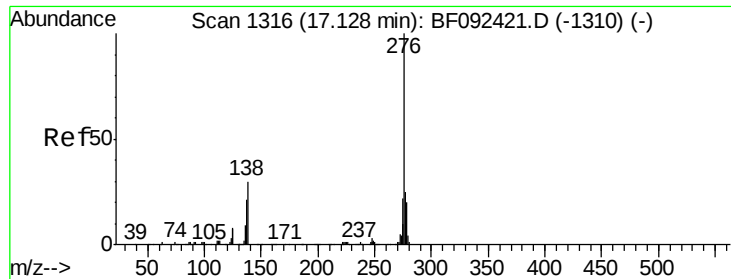
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#84
 Di-n-octyl phthalate
 Concen: 33.18 ng
 RT: 14.74 min Scan# 1107
 Delta R.T. -0.03 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	8.9	13.3#





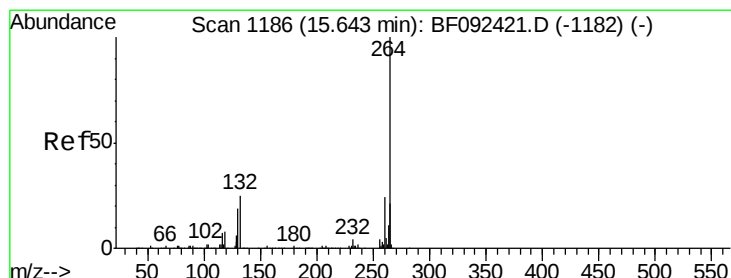
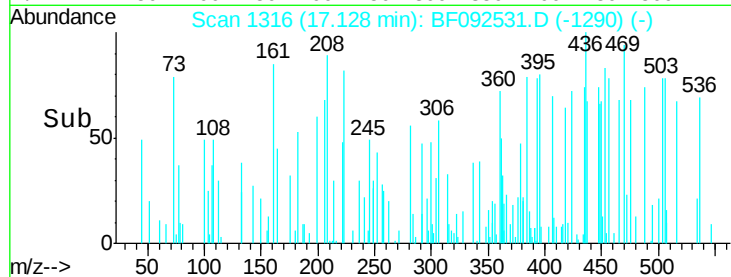
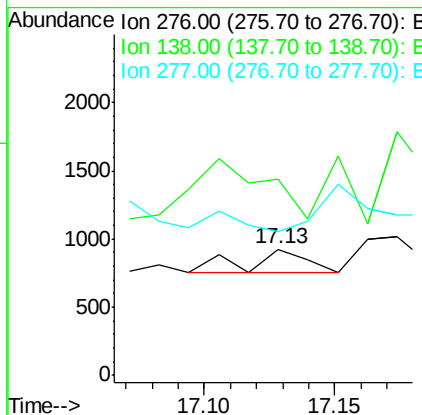
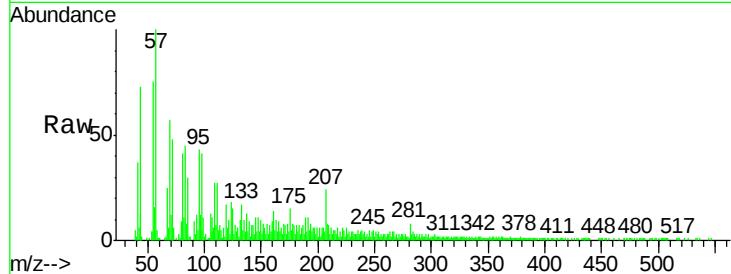
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.46 ng
RT: 17.13 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF092531.D
Acq: 26 Jan 2017 18:08

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	21.8	32.6#
277	0.0	20.2	30.4#

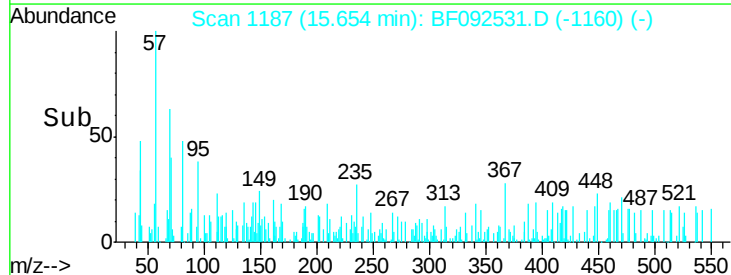
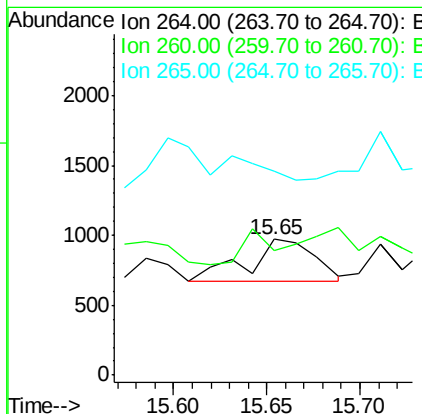
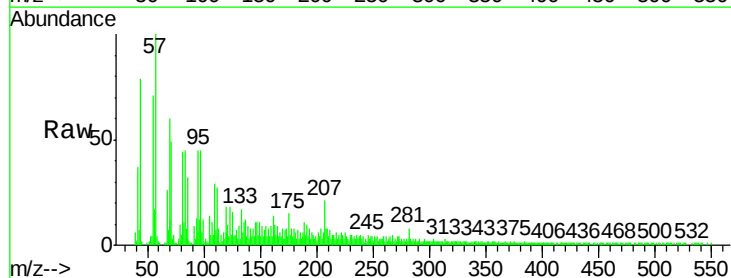
Manual Integrations
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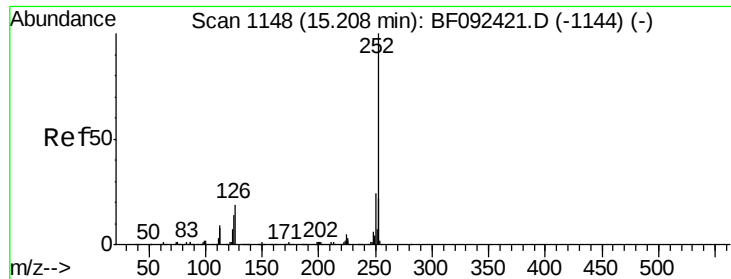
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092531.D
Acq: 26 Jan 2017 18:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	91.7	19.2	28.8#
265	149.8	17.4	26.0#





#87

Benzo(b)fluoranthene

Concen: 9.20 ng

RT: 15.23 min Scan# 1150

Delta R.T. 0.02 min

Lab File: BF092531.D

Acq: 26 Jan 2017 18:08

Instrument :

BNA_F

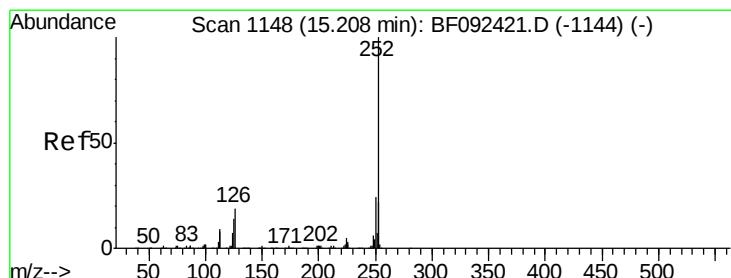
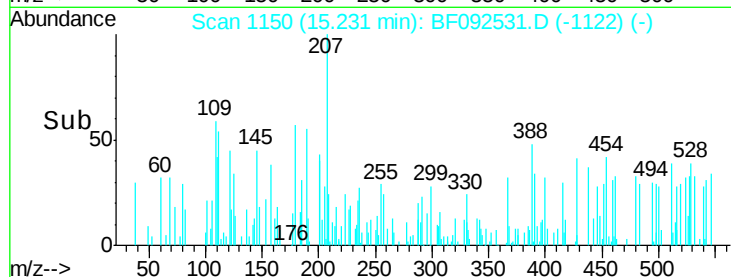
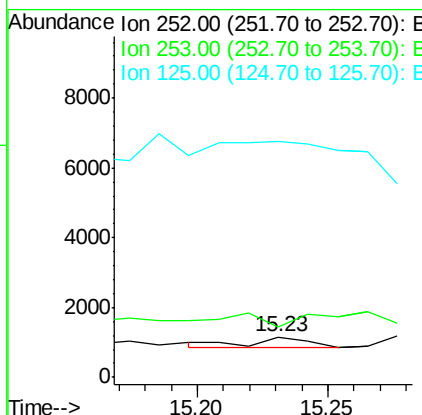
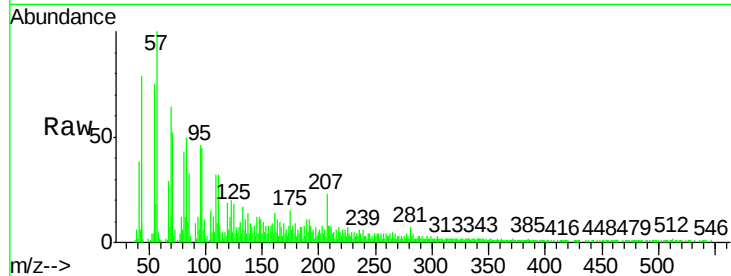
ClientSampled :

DFTPP

Tot Ion:	252	Resp:	444
Ion Ratio	Lower	Upper	
252	100		
253	125.3	18.2	27.4#
125	587.5	9.8	14.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 14.05 ng

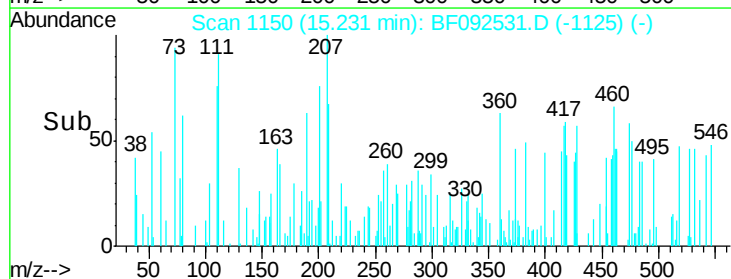
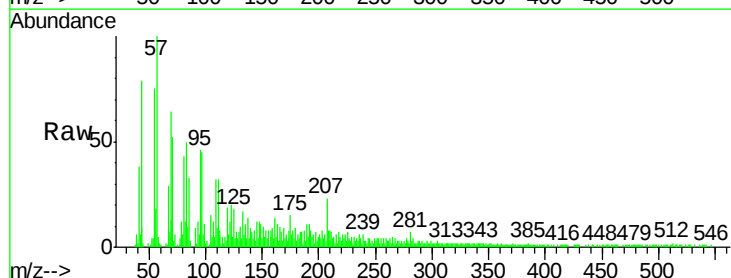
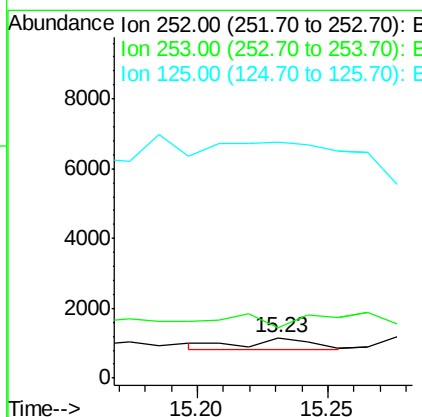
RT: 15.23 min Scan# 1150

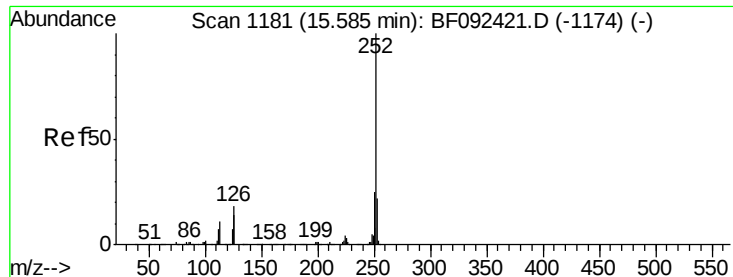
Delta R.T. -0.01 min

Lab File: BF092531.D

Acq: 26 Jan 2017 18:08

Tgt Ion:	252	Resp:	564
Ion Ratio	Lower	Upper	
252	100		
253	125.3	18.5	27.7#
125	587.5	8.9	13.3#





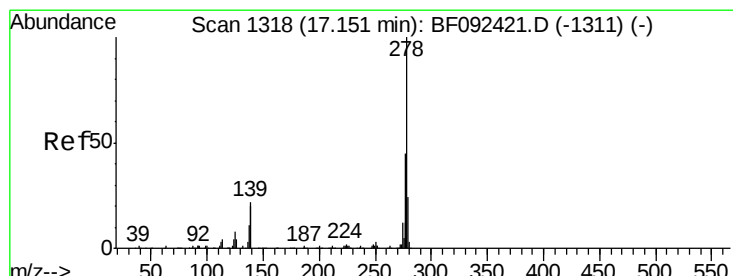
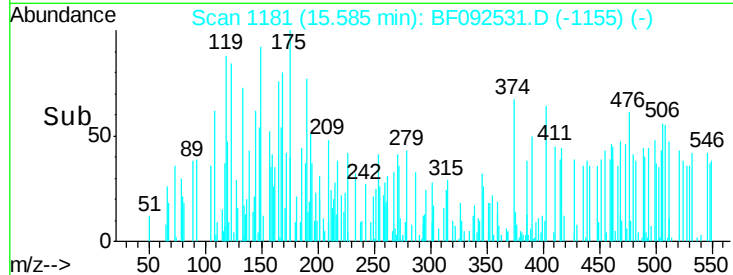
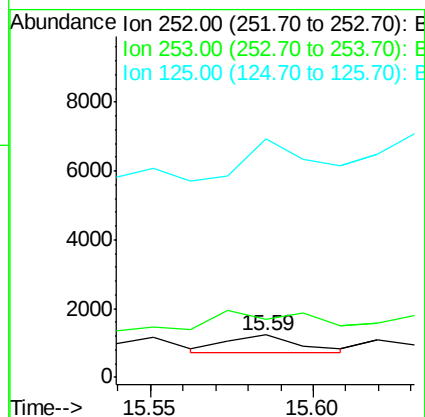
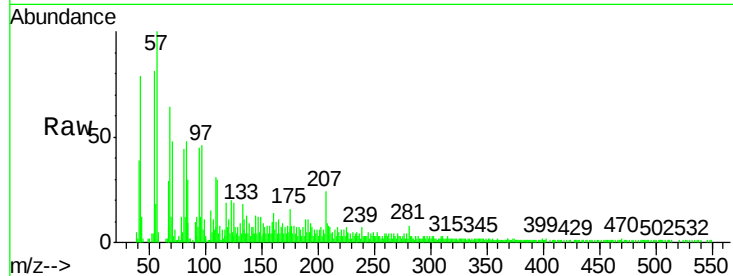
#89
Benzo(a)pyrene
Concen: 18.56 ng
RT: 15.59 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF092531.D
Acq: 26 Jan 2017 18:08

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
252	100		
253	137.1	18.2	27.2#
125	560.7	10.0	15.0#

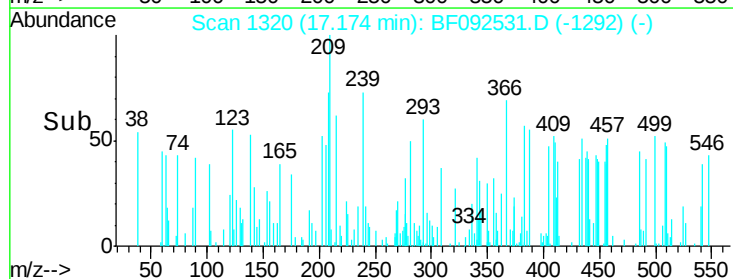
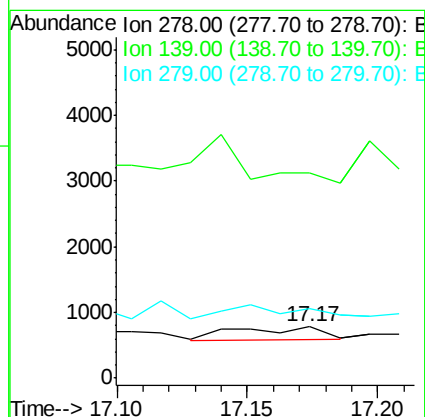
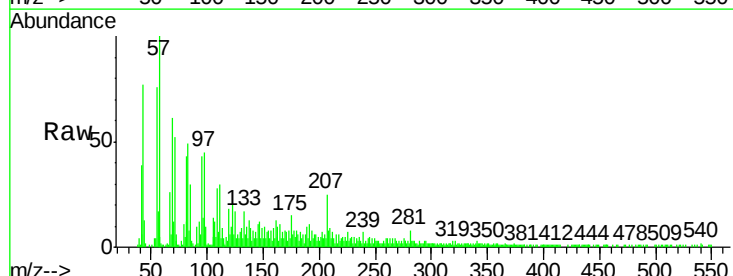
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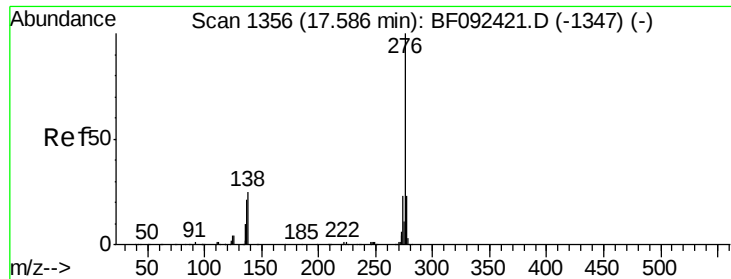
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#90
Dibenzo(a,h)anthracene
Concen: 14.20 ng
RT: 17.17 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF092531.D
Acq: 26 Jan 2017 18:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	401.8	14.8	22.2#
279	137.2	19.8	29.6#





#91
 Benzo(a,h,i)perylene
 Concen: 19.25 ng
 RT: 17.59 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF092531.D
 Acq: 26 Jan 2017 18:08

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
276	100		
277	130.2	19.2	28.8#
138	152.0	16.0	24.0#

Manual Integrations
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