

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098353.D
 Acq On : 8 Sep 2017 16:29
 Operator : SJ/JU
 Sample : PB102122BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Manual Integrations
 APPROVED

Sohil
 9/11/2017 4:47:35 PM

Quant Time: Sep 08 17:25:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 15:02:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92994	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	372696	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	154724	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	242844	20.00	ng	0.00
75) Chrysene-d12	13.84	240	194908	20.00	ng	0.00
86) Perylene-d12	15.24	264	194641	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	735188	120.25	ng	0.02
7) Phenol-d6	6.34	99	972263	117.04	ng	0.01
23) Nitrobenzene-d5	7.26	82	589959	85.99	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	162951	121.38	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	964150	91.55	ng	0.00
78) Terphenyl-d14	12.79	244	623040	66.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	112198	32.907	ng	# 84
3) Pyridine	3.09	79	310693	32.962	ng	# 79
4) n-Nitrosodimethylamine	3.05	42	103246	28.467	ng	# 58
6) Aniline	6.35	93	252776	21.662	ng	# 1
8) 2-Chlorophenol	6.47	128	258568	40.103	ng	97
9) Benzaldehyde	6.23	77	57383	10.906	ng	90
10) Phenol	6.35	94	339864	34.983	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	280319	38.229	ng	93
12) 1,3-Dichlorobenzene	6.62	146	266288m	38.396	ng	
13) 1,4-Dichlorobenzene	6.70	146	271452	38.485	ng	96
14) 1,2-Dichlorobenzene	6.86	146	249164	38.311	ng	97
15) Benzyl Alcohol	6.83	79	220578	35.467	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	321360	32.573	ng	80
17) 2-Methylphenol	6.96	107	225833	39.746	ng	# 92
18) Hexachloroethane	7.19	117	100730	36.425	ng	# 85
19) n-Nitroso-di-n-propylamine	7.11	70	193433	34.017	ng	# 86
20) 3+4-Methylphenols	7.11	107	281088	40.504	ng	# 73
22) Acetophenone	7.10	105	369335	37.512	ng	# 83
24) Nitrobenzene	7.27	77	297387	38.931	ng	97
25) Isophorone	7.52	82	538494	37.748	ng	100
26) 2-Nitrophenol	7.59	139	132940	48.032	ng	# 86
27) 2,4-Dimethylphenol	7.63	122	234521	39.419	ng	94
28) bis(2-Chloroethoxy)methane	7.73	93	362456	38.647	ng	99
29) 2,4-Dichlorophenol	7.83	162	205355	41.581	ng	95
30) 1,2,4-Trichlorobenzene	7.91	180	218465	39.904	ng	100
31) Naphthalene	7.99	128	754353	38.988	ng	100
32) Benzoic acid	7.77	122	118757	30.145	ng	93
33) 4-Chloroaniline	8.05	127	118264	14.493	ng	96
34) Hexachlorobutadiene	8.10	225	127252	39.809	ng	96
35) Caprolactam	8.42	113	73421m	43.730	ng	
36) 4-Chloro-3-methylphenol	8.54	107	241005	37.982	ng	# 79
37) 2-Methylnaphthalene	8.68	142	487030	41.057	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	202449	42.635	ng	98
40) Hexachlorocyclopentadiene	8.83	237	84198	36.910	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	132422	41.538	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	130770	41.348	nq #	94
45) 1,1'-Biphenyl	9.15	154	572756	40.594	nq	96
46) 2-Chloronaphthalene	9.17	162	415502	39.856	nq #	92
47) 2-Nitroaniline	9.27	65	146406	41.891	nq	87
48) Acenaphthylene	9.59	152	641040	39.157	nq	100
49) Dimethylphthalate	9.45	163	504894	44.642	nq	99
50) 2,6-Dinitrotoluene	9.52	165	101275	44.861	nq #	69
51) Acenaphthene	9.76	154	378866	36.694	nq	99
52) 3-Nitroaniline	9.68	138	70670	24.263	nq	91
53) 2,4-Dinitrophenol	9.80	184	13148	20.833	nq #	75
54) Dibenzofuran	9.93	168	554676	40.084	nq	98
55) 4-Nitrophenol	9.86	139	121697	52.377	nq #	53
56) 2,4-Dinitrotoluene	9.92	165	117357	41.423	nq #	56
57) Fluorene	10.27	166	409745	38.299	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.05	232	92910	37.943	nq	91
59) Diethylphthalate	10.15	149	484986	41.006	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	202080	40.658	nq #	86
61) 4-Nitroaniline	10.29	138	90087	32.542	nq	78
62) Azobenzene	10.42	77	533934	38.005	nq	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	13403	18.003	nq #	73
65) n-Nitrosodiphenylamine	10.39	169	379405	45.880	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	117021	46.404	nq #	91
67) Hexachlorobenzene	10.82	284	105945	41.218	nq #	86
68) Atrazine	10.92	200	107042	48.809	nq	98
69) Pentachlorophenol	11.02	266	84701	56.518	nq	99
70) Phenanthrene	11.23	178	521379	40.291	nq	99
71) Anthracene	11.28	178	535114	40.770	nq	99
72) Carbazole	11.44	167	477917	38.361	nq	97
73) Di-n-butylphthalate	11.77	149	673838	46.956	nq	99
74) Fluoranthene	12.41	202	511962	37.904	nq	98
76) Benzidine	12.54	184	362252	56.685	nq #	92
77) Pyrene	12.64	202	517580	32.468	nq	98
79) Butylbenzylphthalate	13.26	149	246820	40.384	nq #	76
80) Benzo(a)anthracene	13.83	228	443951	38.004	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	164328	41.688	nq #	97
82) Chrysene	13.86	228	453128	38.994	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	330790	48.842	nq #	100
84) Di-n-octyl phthalate	14.43	149	636269	53.994	nq	96
85) Indeno(1,2,3-cd)pyrene	16.60	276	398669	46.636	nq	96
87) Benzo(b)fluoranthene	14.85	252	488729	39.835	nq	98
88) Benzo(k)fluoranthene	14.87	252	437948	37.995	nq #	95
89) Benzo(a)pyrene	15.19	252	448893	41.330	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	339034	38.342	nq	99
91) Benzo(g,h,i)perylene	17.01	276	315669	34.214	nq	94

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

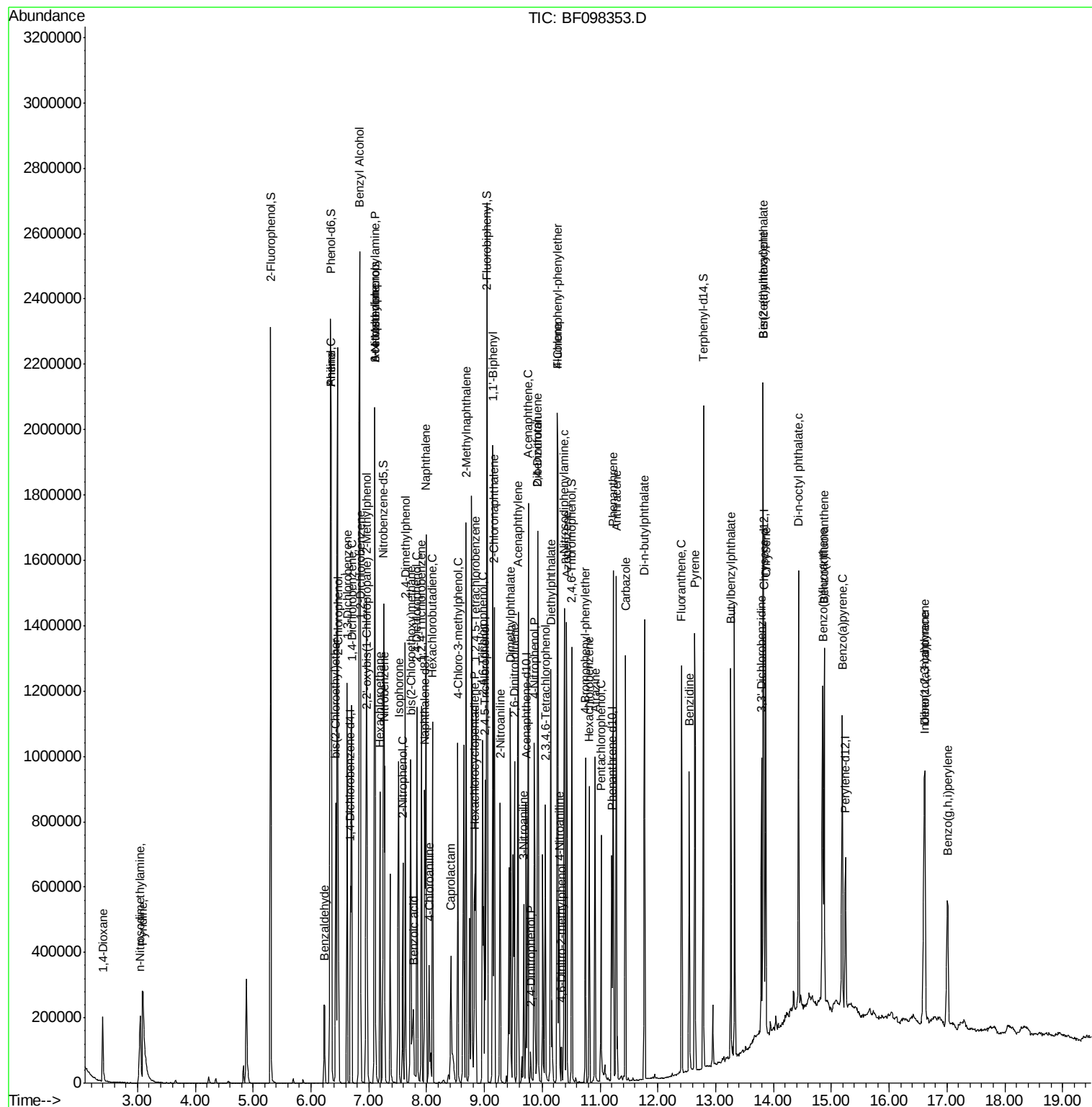
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
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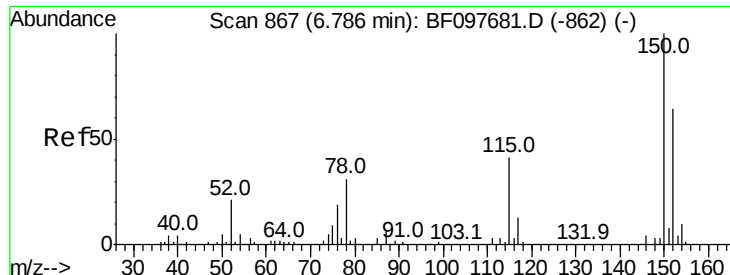
Instrument :
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#1

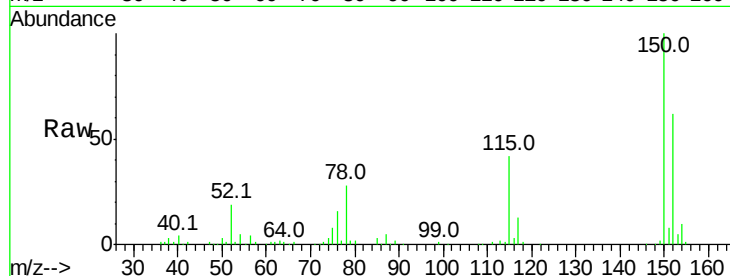
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

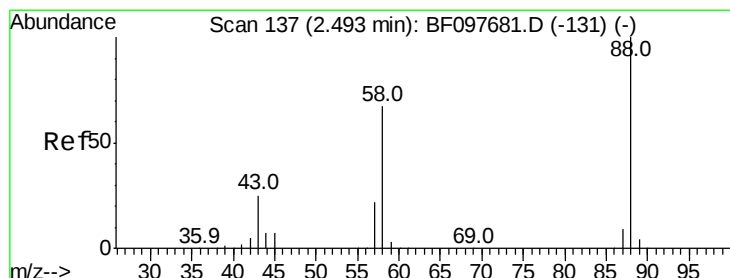
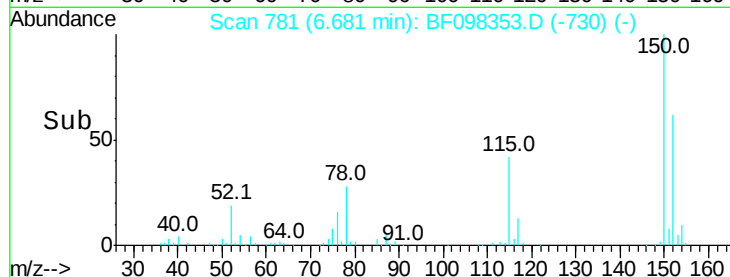
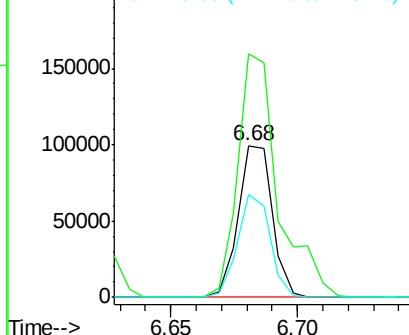
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	67.5	52.2	78.2

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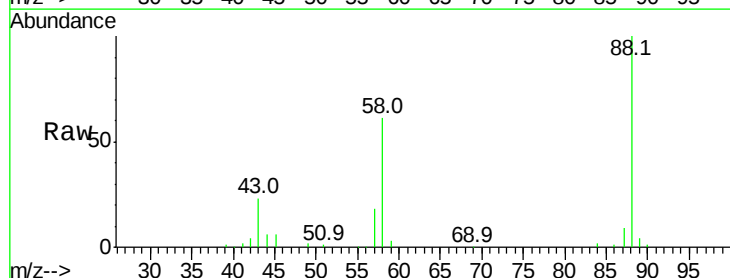
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



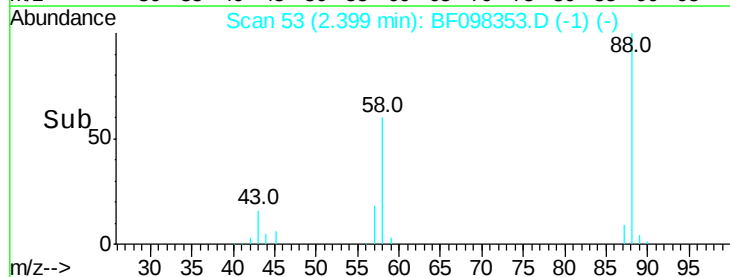
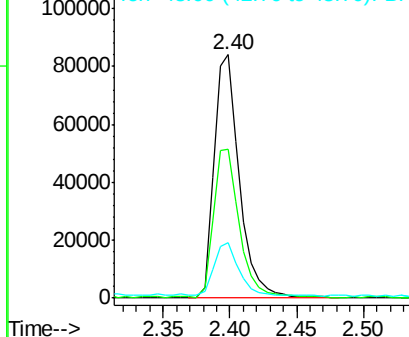
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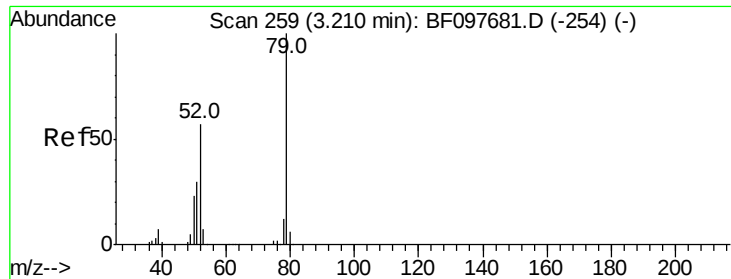
1,4-Dioxane
Concen: 32.907 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.09 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	61.4	92.0
43	20.9	23.4	35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.962 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.10 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

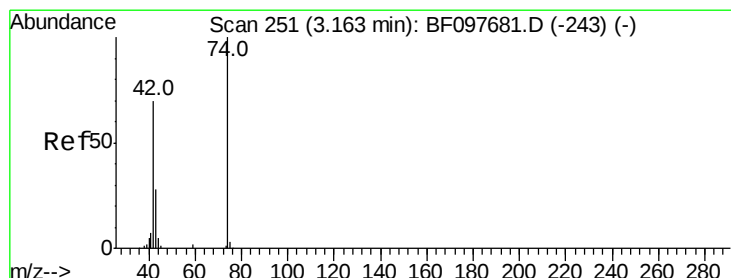
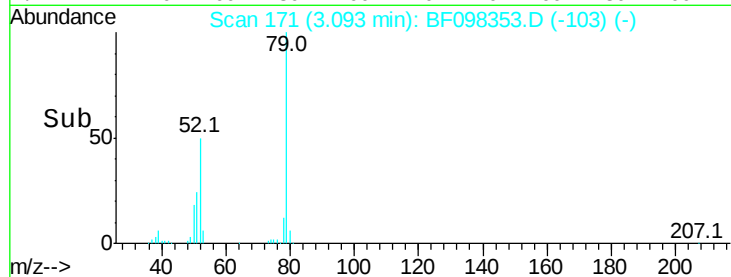
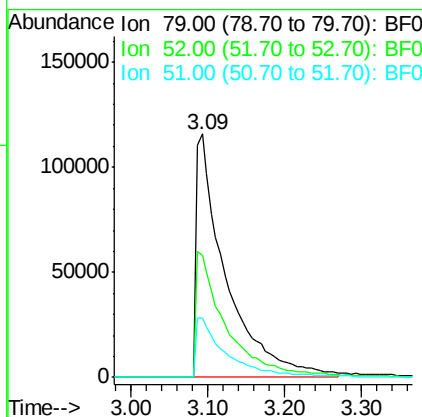
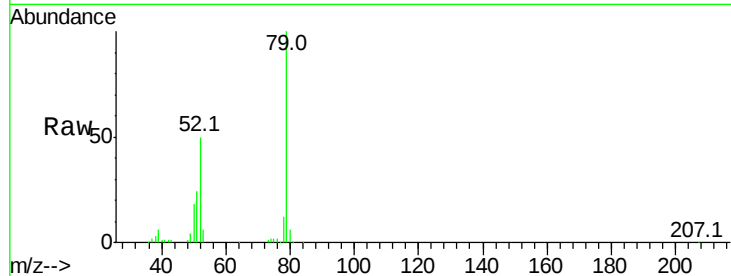
ClientSampleId :

PB102122BS

Tot Ion:	79	Resp:	310693
Ion Ratio	Lower	Upper	
79	100		
52	50.3	54.8	82.2#
51	24.1	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 28.467 ng

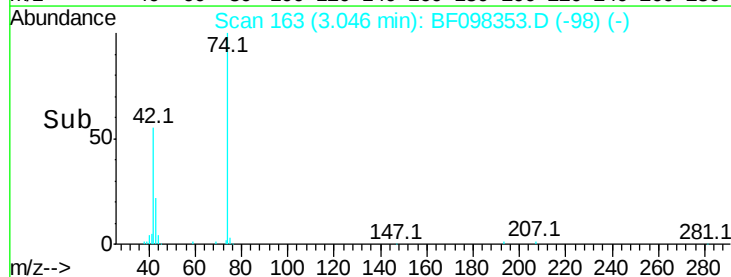
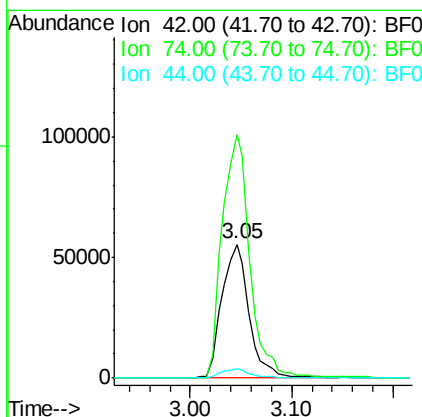
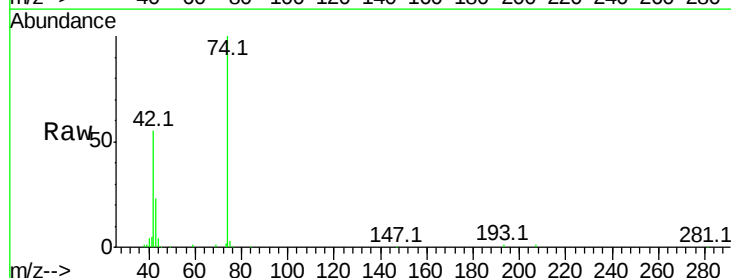
RT: 3.05 min Scan# 163

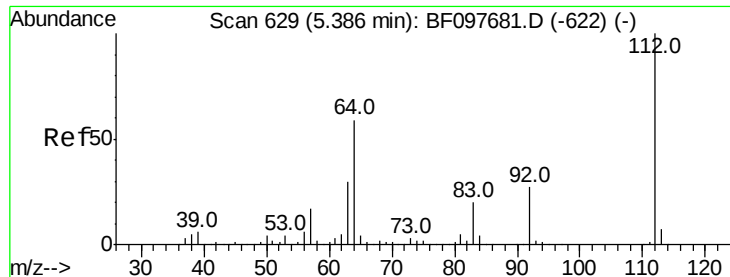
Delta R.T. 0.08 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion:	42	Resp:	103246
Ion Ratio	Lower	Upper	
42	100		
74	181.8	103.9	155.9#
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 120.252 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.02 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

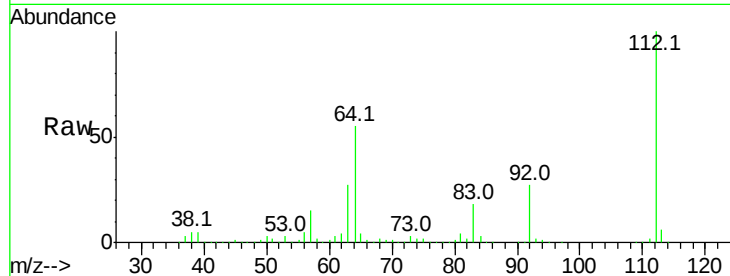
ClientSampleId :

PB102122BS

Tot Ion:	112	Resp:	735188
Ion Ratio	Lower	Upper	
112	100		
64	55.5	46.0	69.0
63	27.1	23.4	35.0

Manual Integrations
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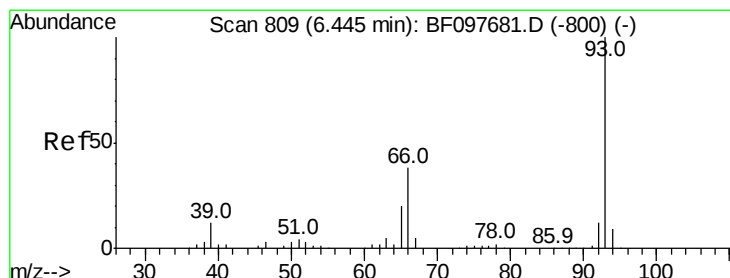
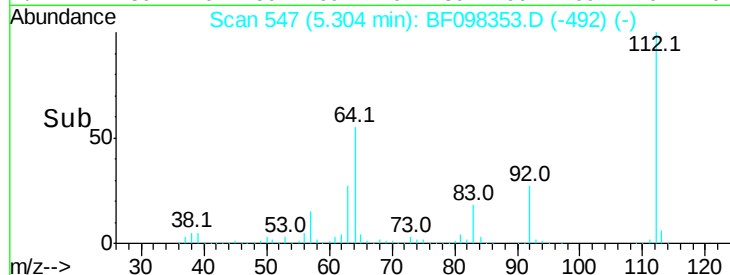
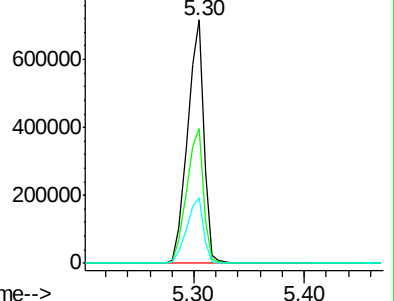
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.662 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF098353.D

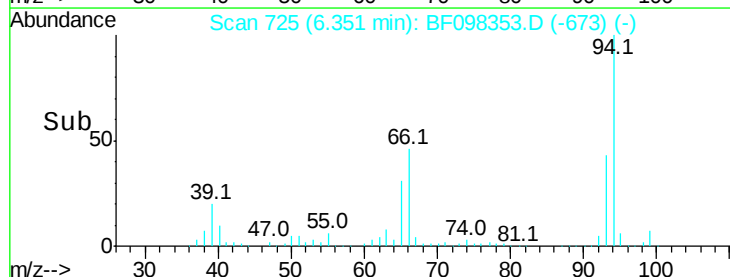
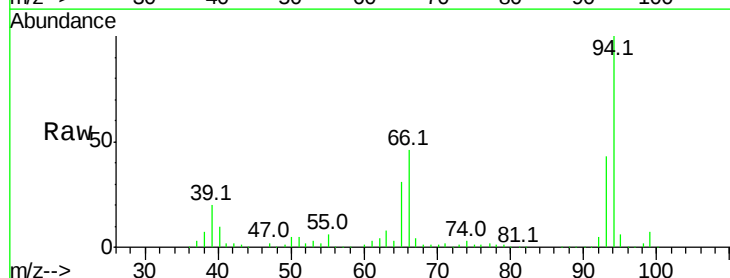
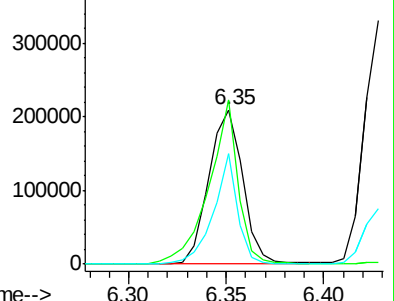
Acq: 8 Sep 2017 16:29

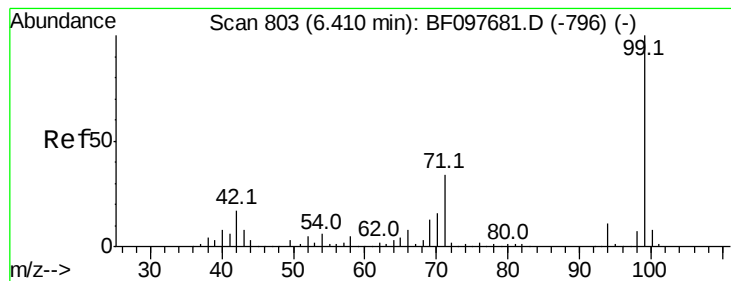
Tgt Ion:	93	Resp:	252776
Ion Ratio	Lower	Upper	
93	100		
66	106.5	32.9	49.3#
65	71.3	16.0	24.0#

Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.045 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

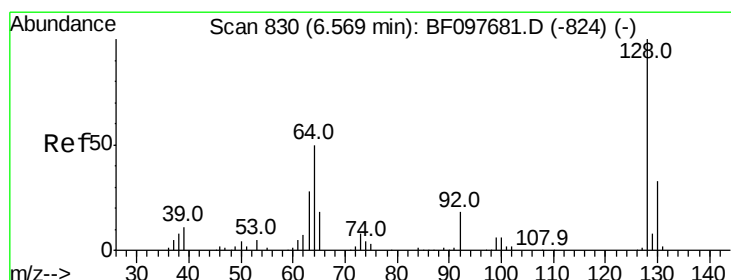
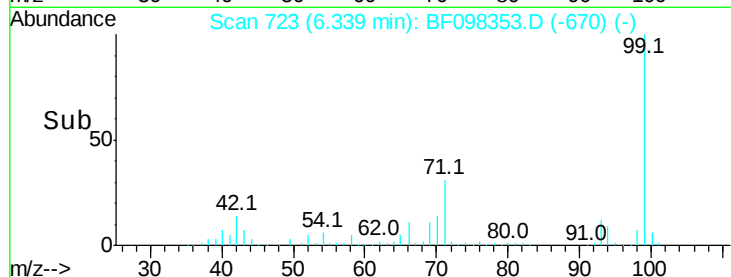
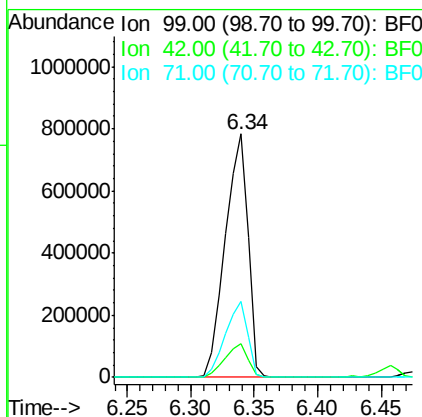
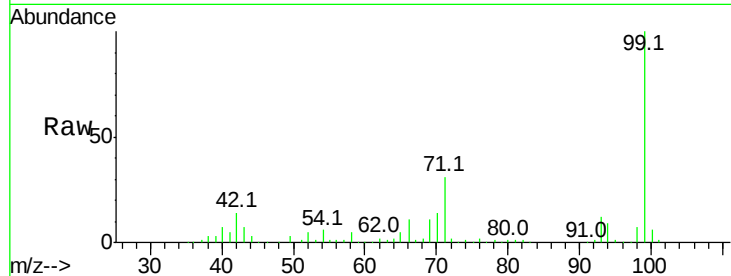
ClientSampled :

PB102122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		972263		
42	13.9	13.5	20.3		
71	31.4	24.5	36.7		

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.103 ng

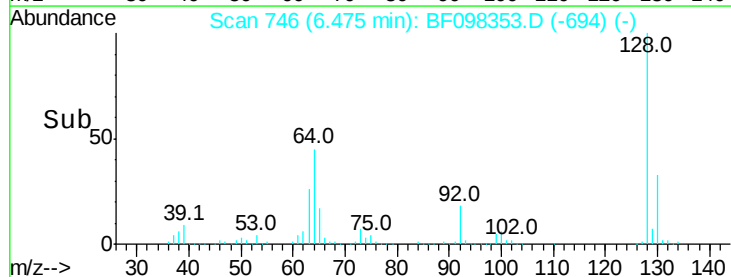
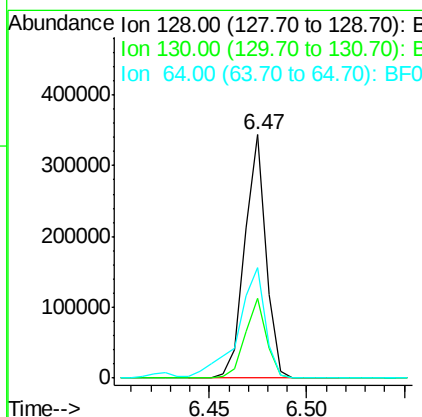
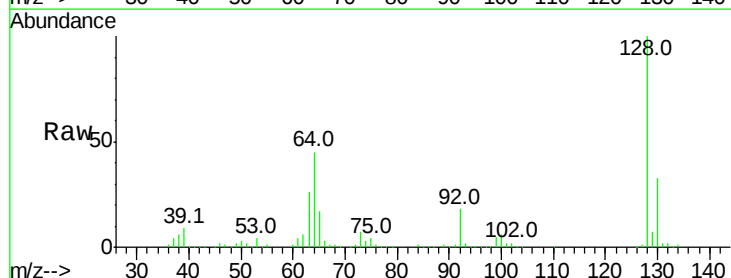
RT: 6.47 min Scan# 746

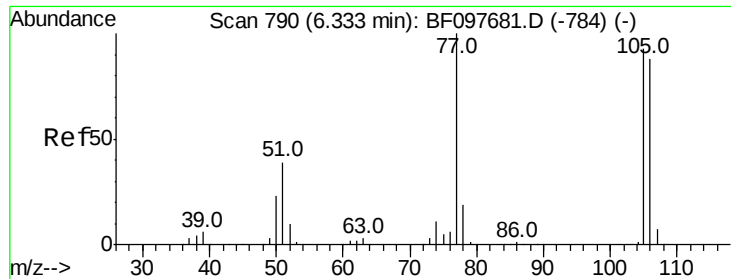
Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		258568		
130	32.7	12.9	52.9		
64	45.2	28.4	68.4		





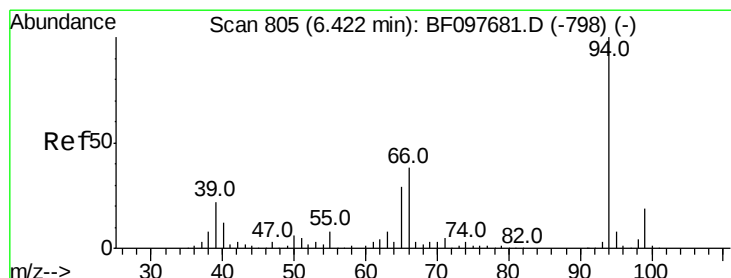
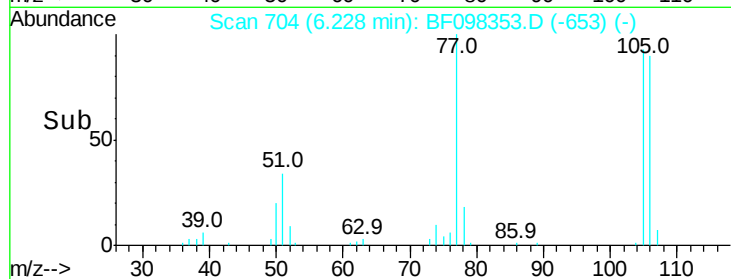
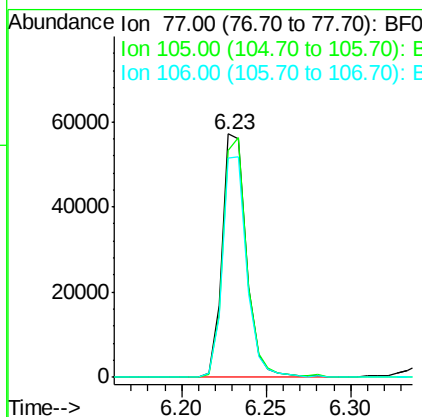
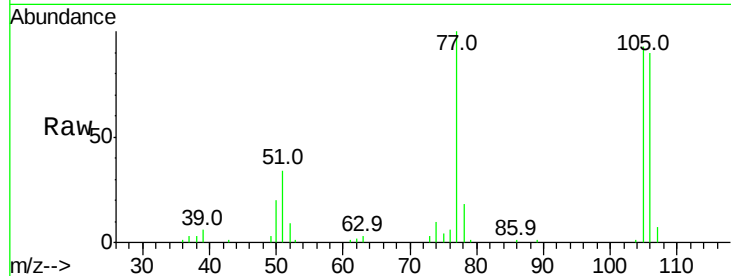
#9
Benzaldehyde
Concen: 10.906 ng
RT: 6.23 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion: 77 Resp: 57383
Ion Ratio Lower Upper
77 100
105 93.3 83.8 123.8
106 90.1 79.1 119.1

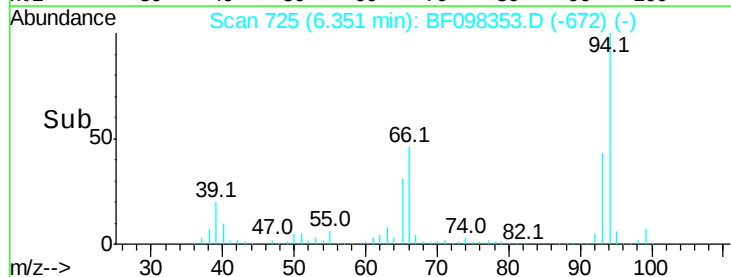
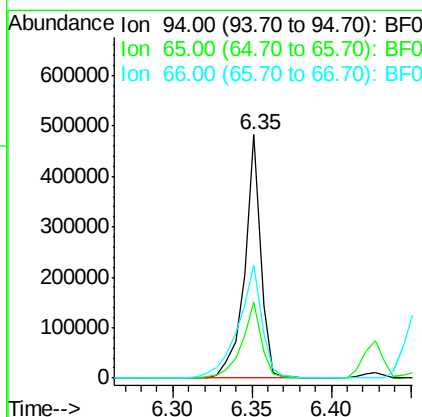
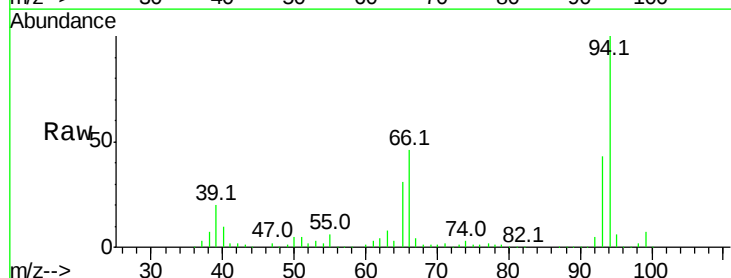
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#10
Phenol
Concen: 34.983 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion: 94 Resp: 339864
Ion Ratio Lower Upper
94 100
65 31.0 9.9 49.9
66 46.2 23.1 63.1





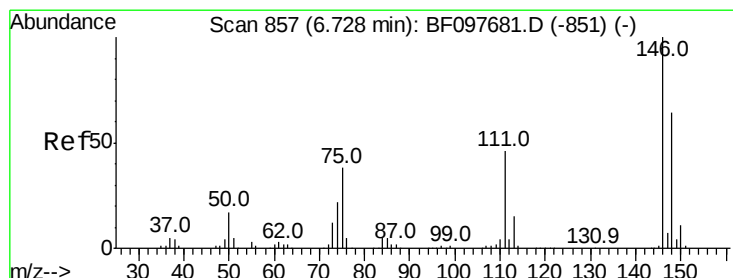
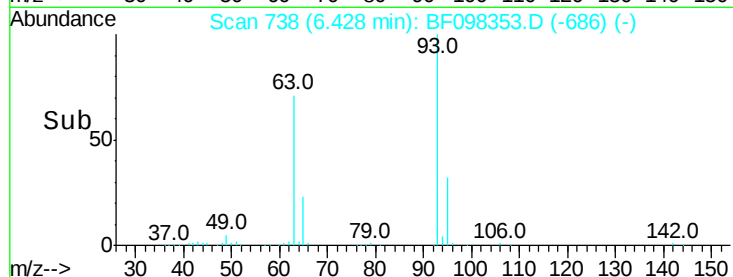
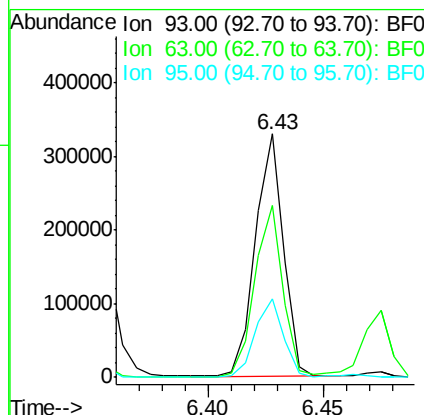
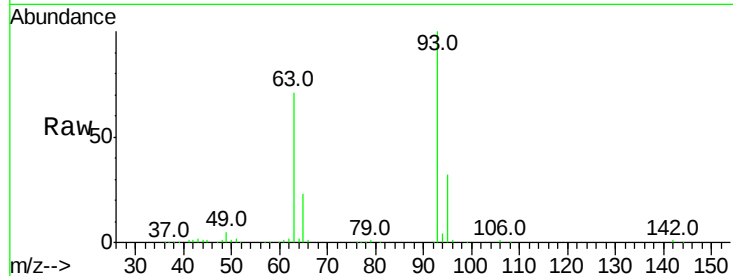
#11
bis(2-Chloroethyl)ether
Concen: 38.229 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	280319		
63	70.8	59.2	99.2	
95	32.3	12.8	52.8	

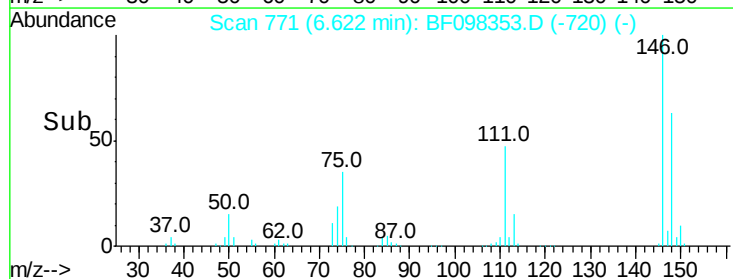
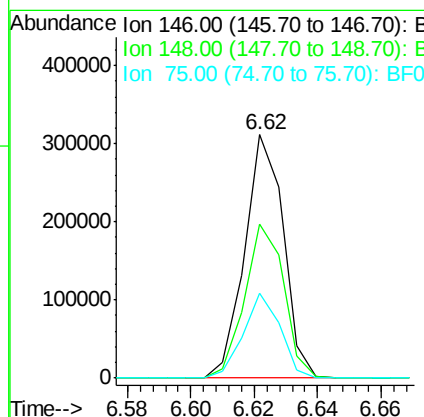
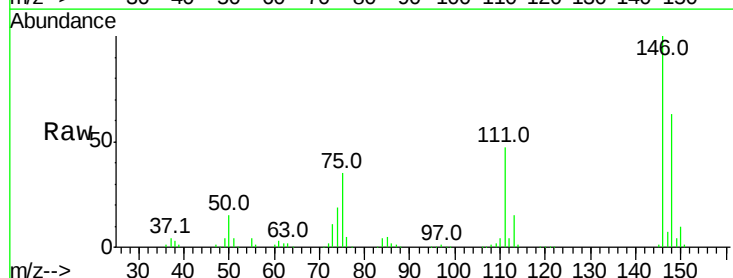
Manual Integrations
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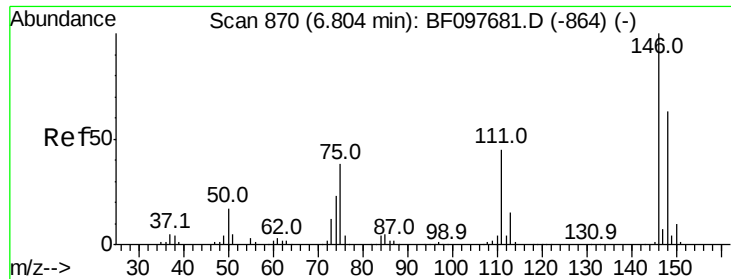
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#12
1,3-Dichlorobenzene
Concen: 38.396 ng m
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	266288		
148	63.1	51.8	77.6	
75	34.9	23.1	34.7#	





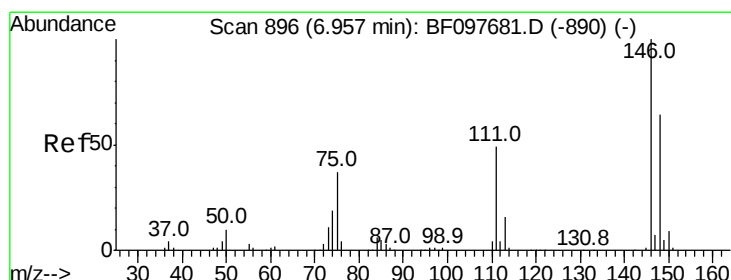
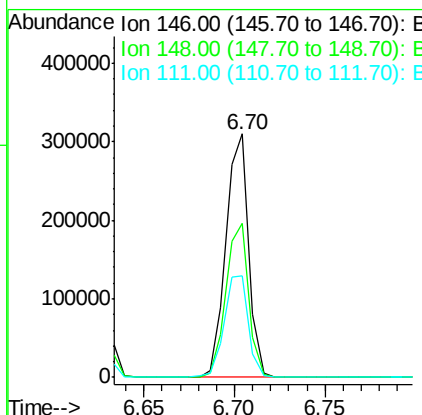
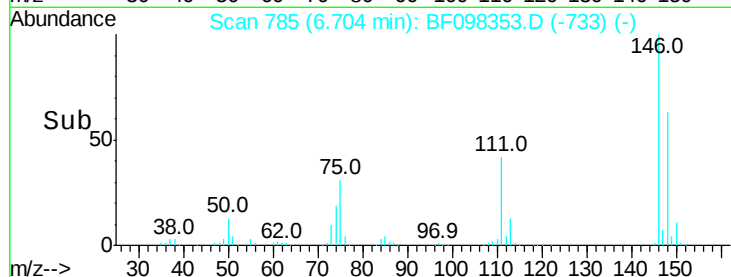
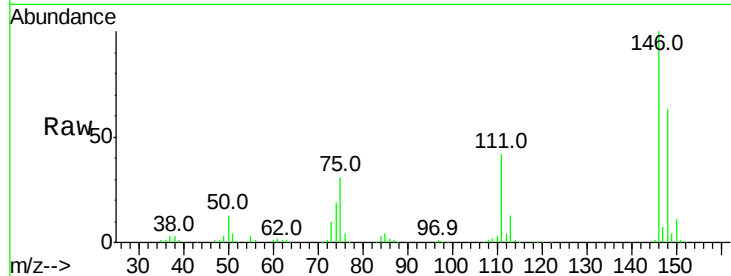
#13
 1,4-Dichlorobenzene
 Concen: 38.485 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	41.9	30.3	45.5

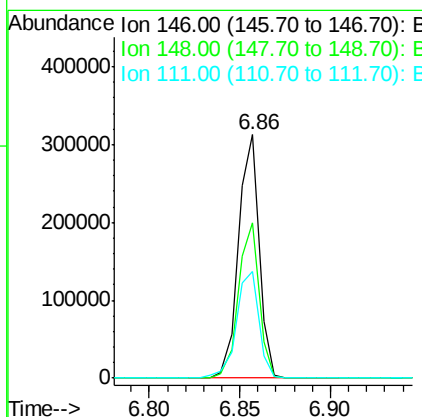
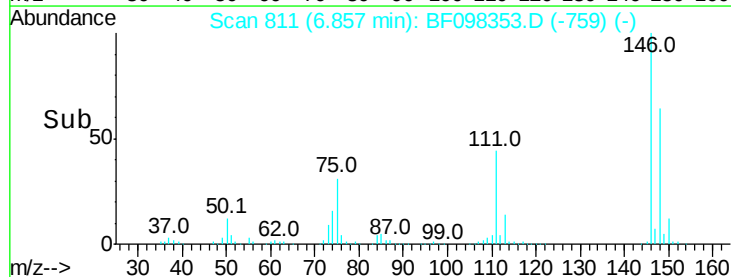
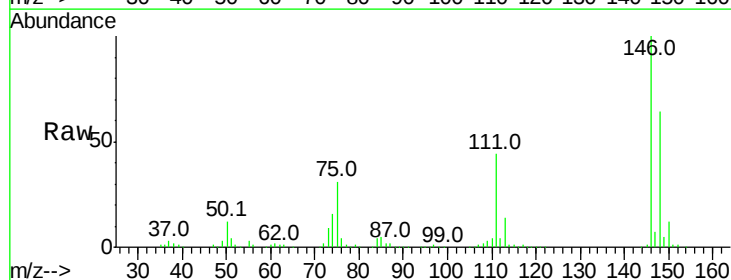
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 38.311 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	43.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 35.467 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

Tot Ion: 79 Resp: 220578

Ion Ratio Lower Upper

79 100

108 75.1 63.4 95.0

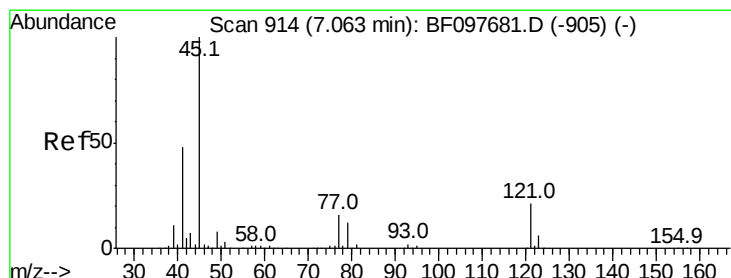
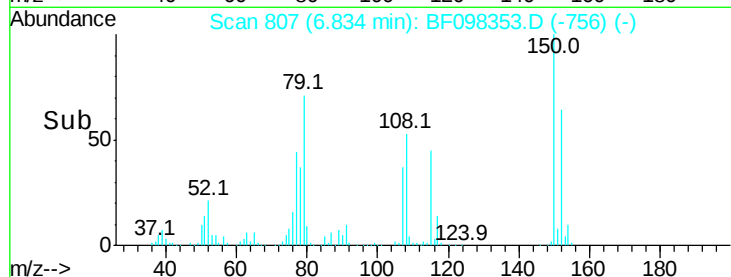
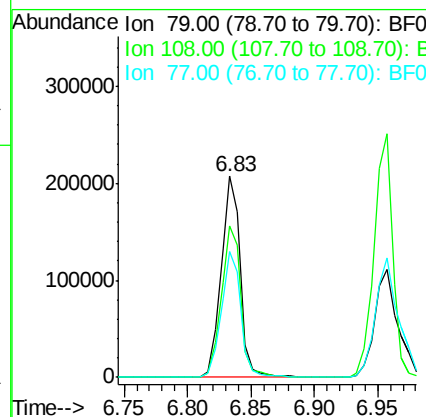
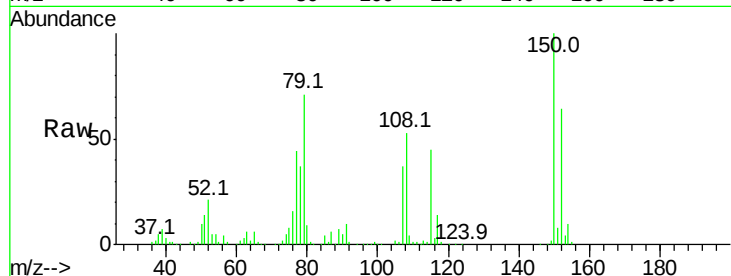
77 62.6 49.2 73.8

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.573 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

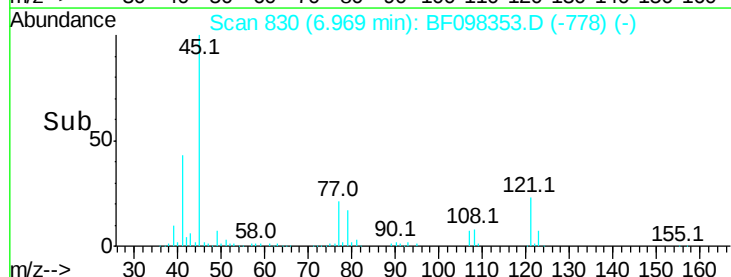
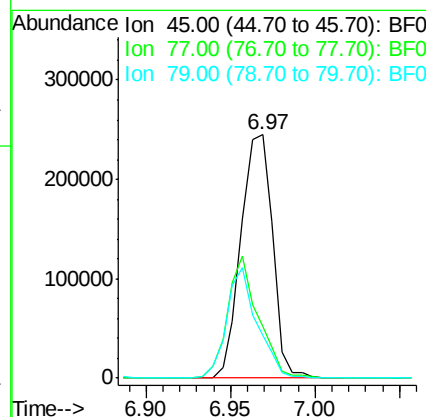
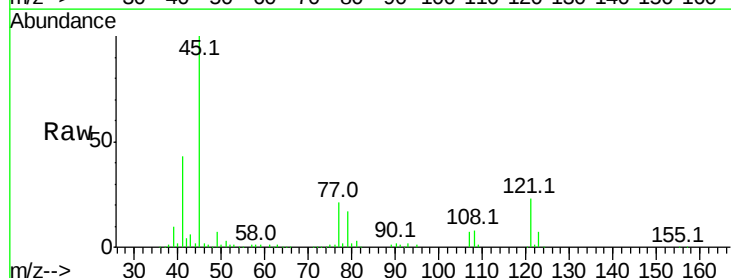
Tgt Ion: 45 Resp: 321360

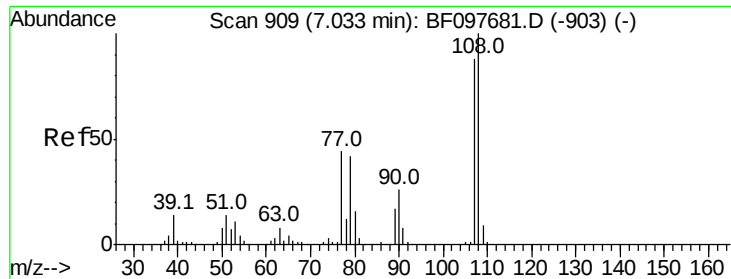
Ion Ratio Lower Upper

45 100

77 21.1 0.0 33.2

79 17.4 0.0 30.0





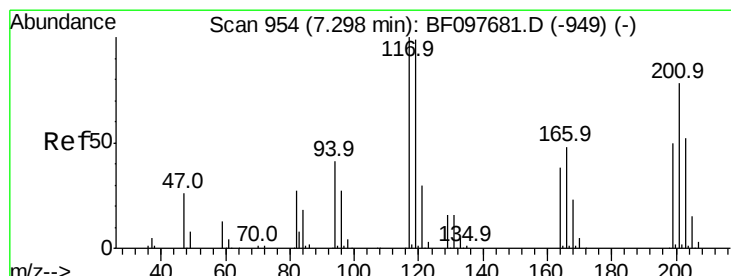
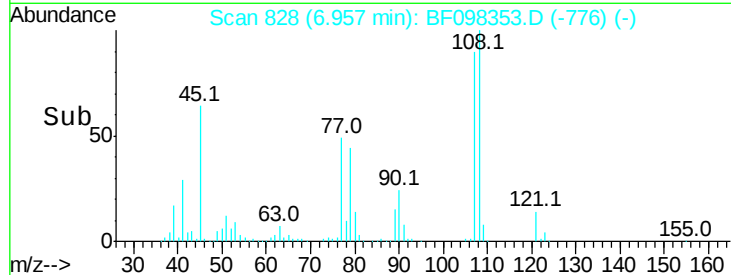
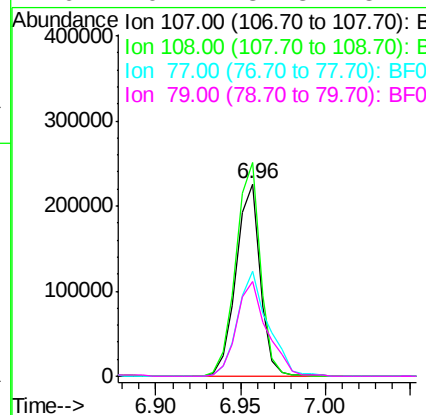
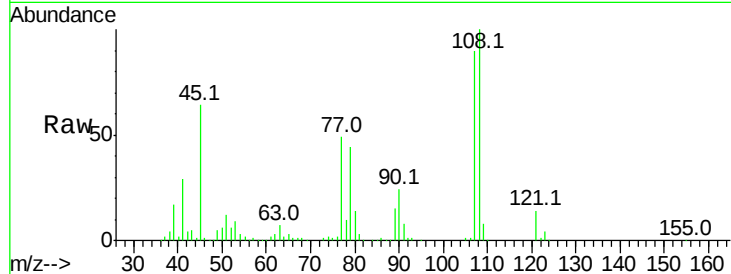
#17
2-Methylphenol
Concen: 39.746 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	93.4	140.0	
77	54.3	35.8	53.6#	
79	49.1	34.8	52.2	

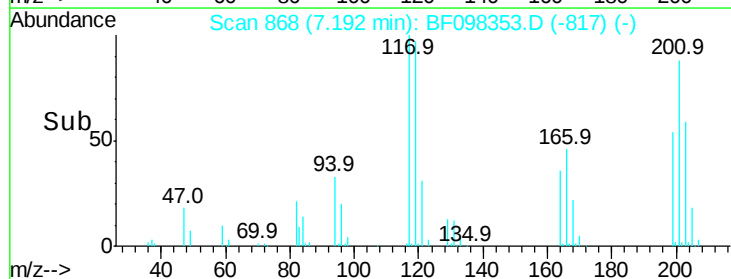
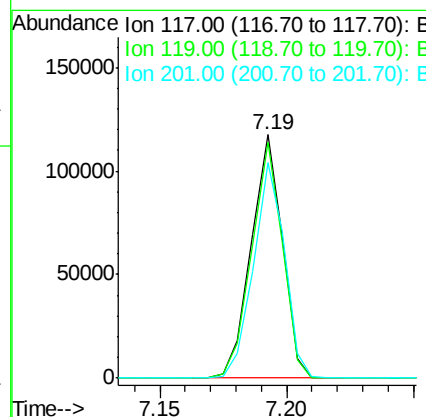
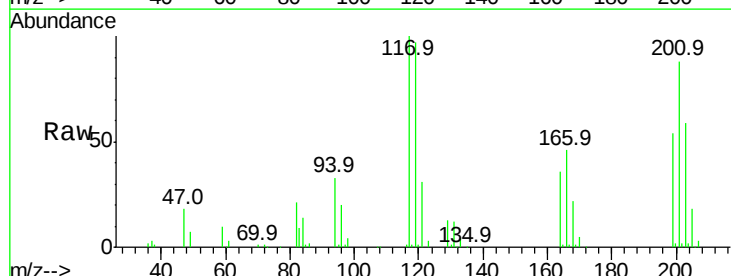
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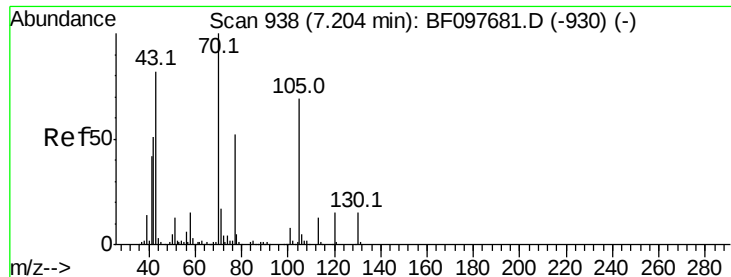
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#18
Hexachloroethane
Concen: 36.425 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	77.4	116.0	
201	88.3	94.6	141.8#	





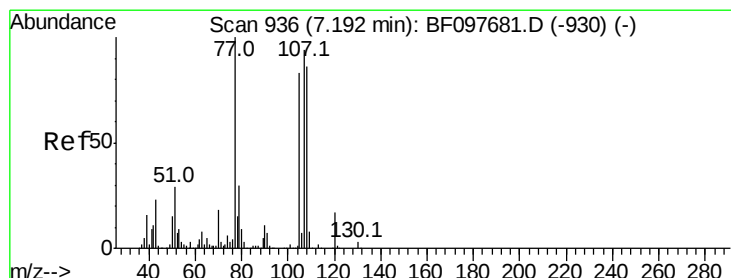
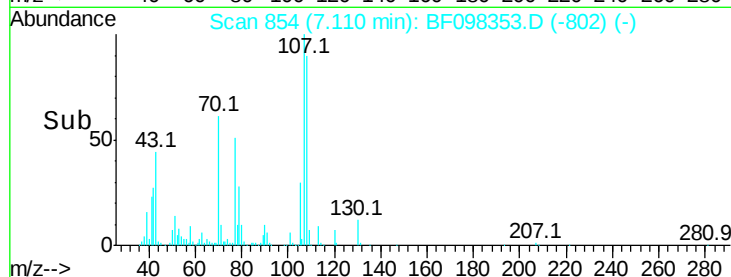
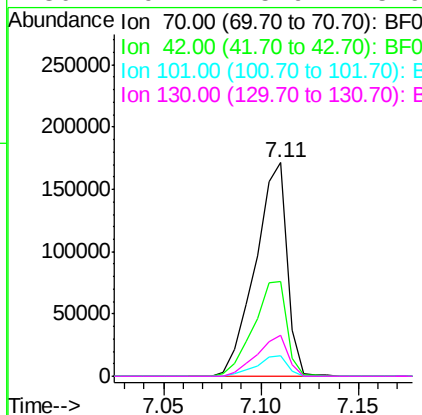
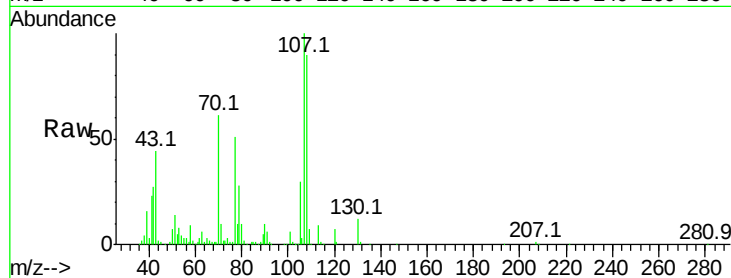
#19
n-Nitroso-di-n-propylamine
Concen: 34.017 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampled :
PB102122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	44.4	47.2	70.8#		
101	9.4	7.2	10.8		
130	19.1	15.9	23.9		

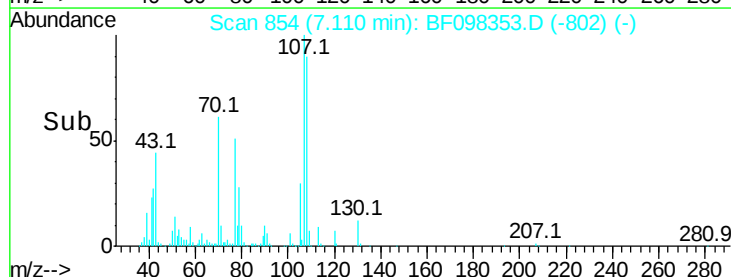
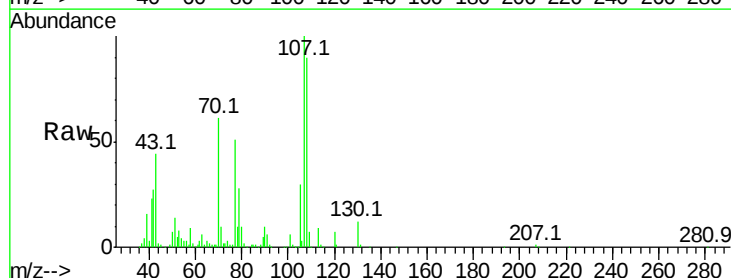
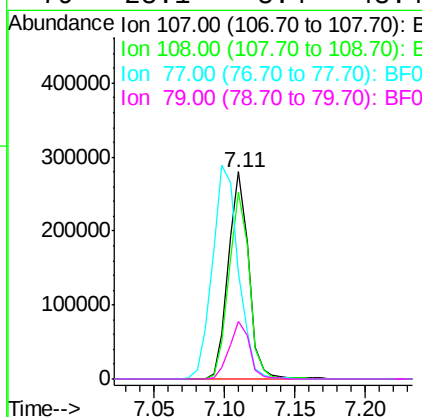
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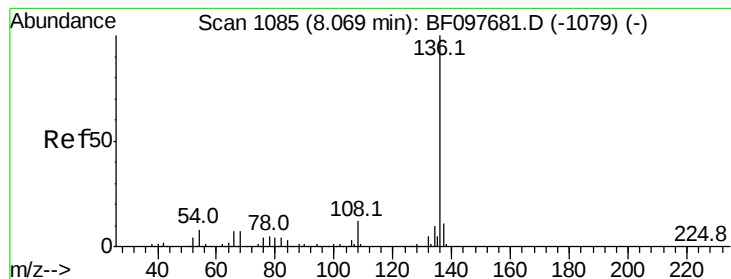
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#20
3+4-Methylphenols
Concen: 40.504 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.5	71.0	111.0		
77	51.4	90.5	130.5#		
79	28.1	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

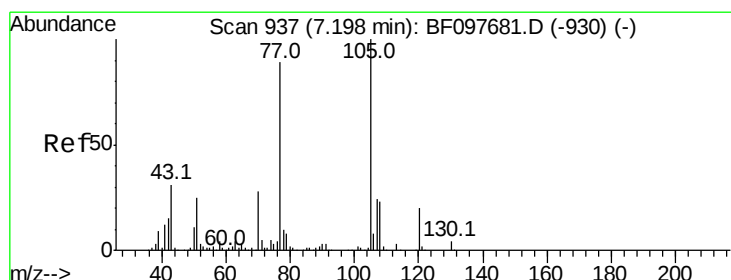
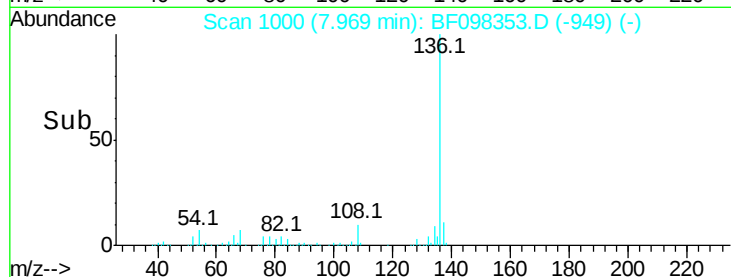
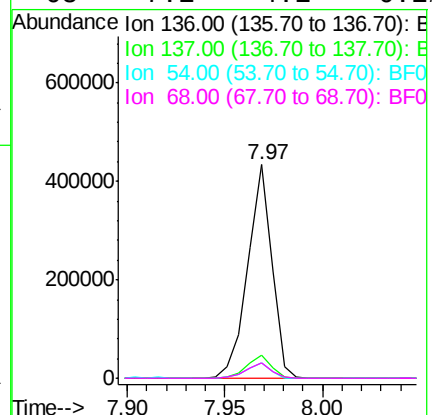
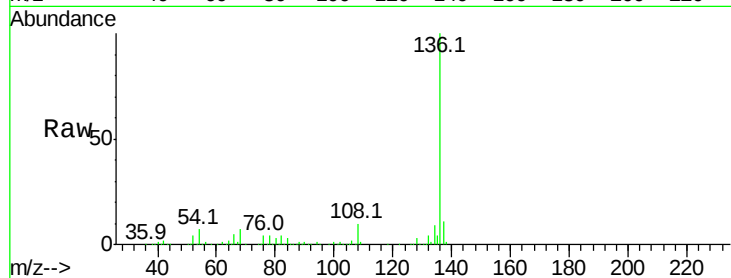
ClientSampleId :

PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	372696		
137	10.9	8.5	12.7	
54	7.1	4.9	7.3	
68	7.1	4.1	6.1	

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#22

Acetophenone

Concen: 37.512 ng

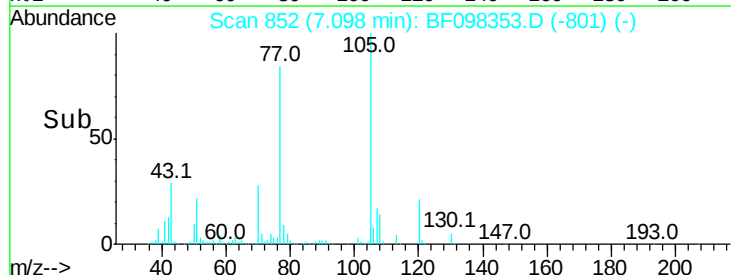
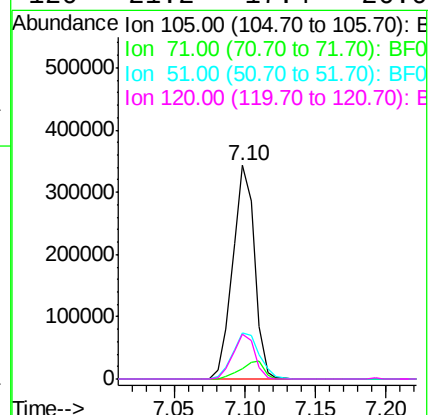
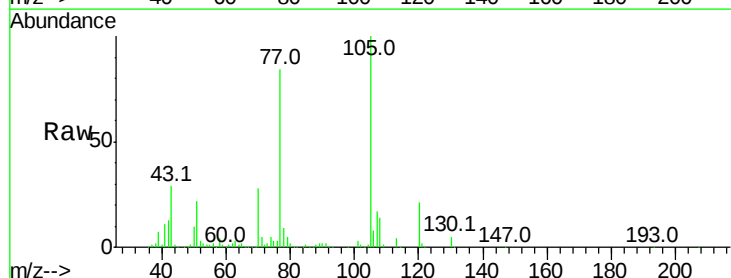
RT: 7.10 min Scan# 852

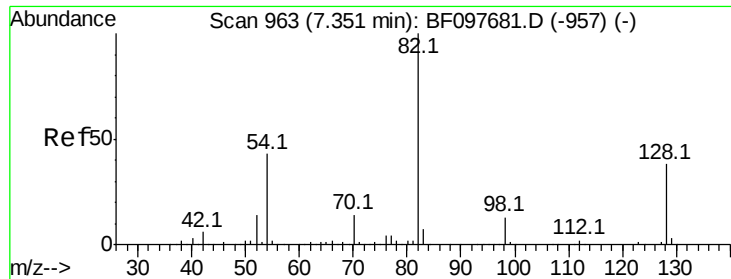
Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	369335		
71	4.8	2.8	4.2	
51	21.5	30.7	46.1	
120	21.2	17.4	26.0	





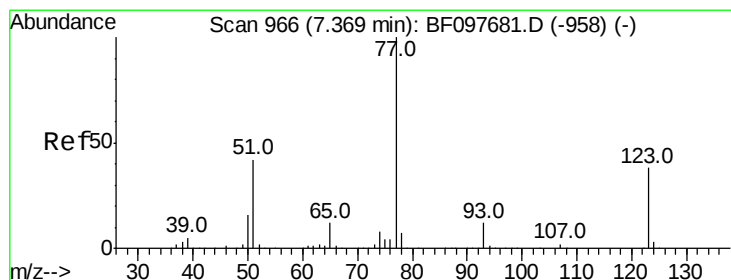
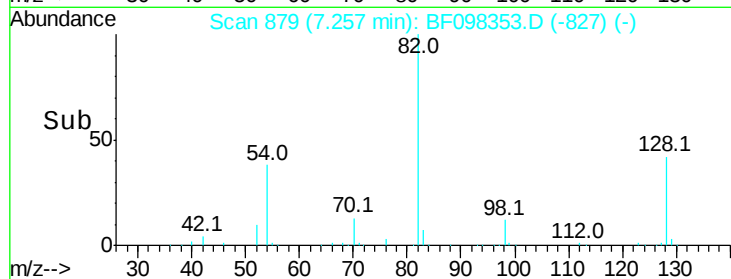
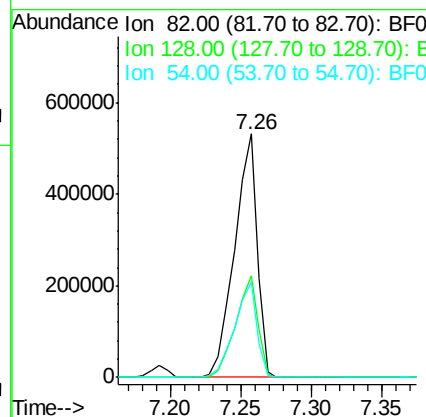
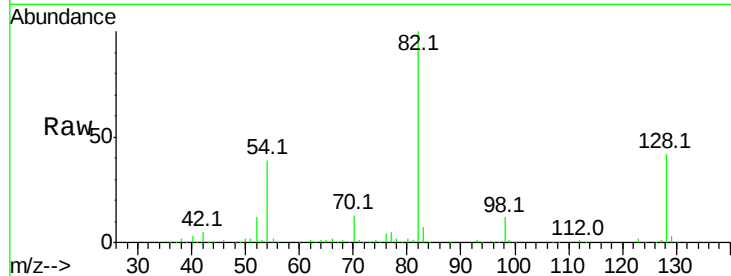
#23
 Nitrobenzene-d5
 Concen: 85.993 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	41.6	34.0	51.0
54	39.1	42.2	63.2#

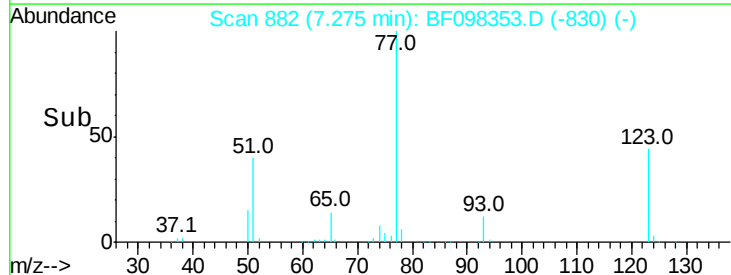
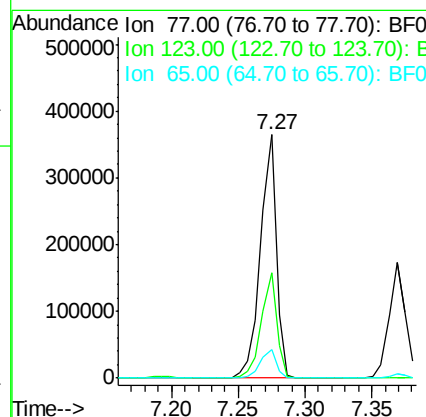
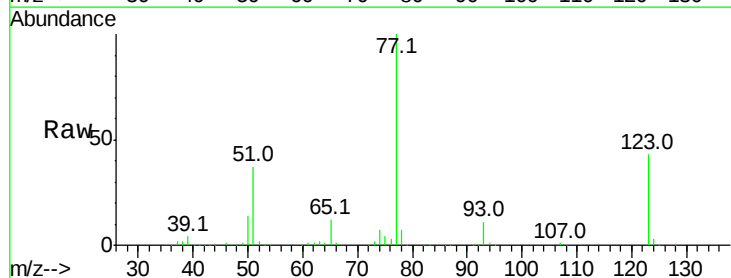
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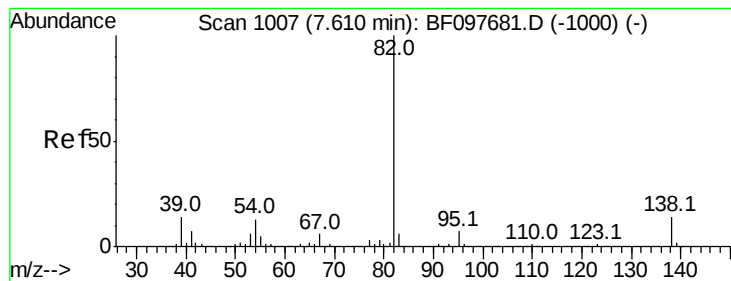
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#24
 Nitrobenzene
 Concen: 38.931 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	43.1	35.8	53.8
65	11.9	10.6	15.8





#25

Isophorone

Concen: 37.748 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

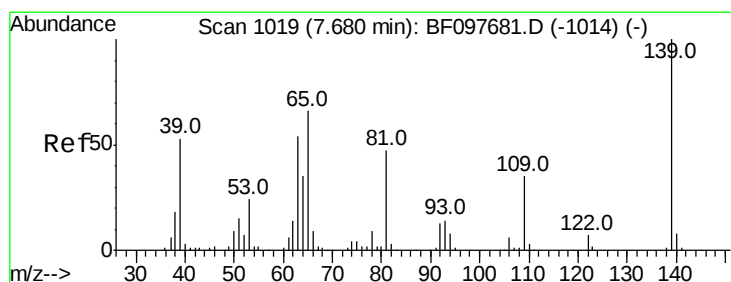
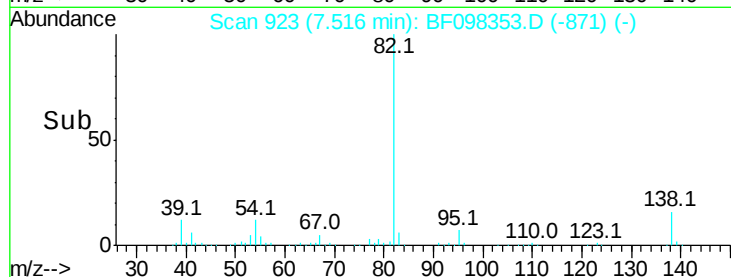
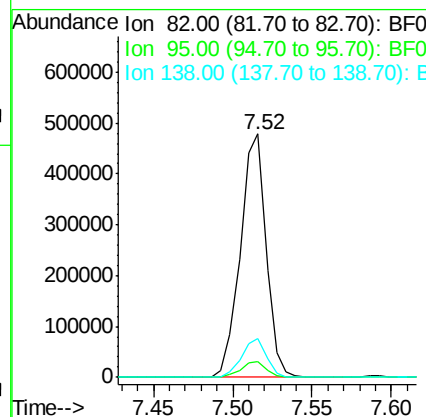
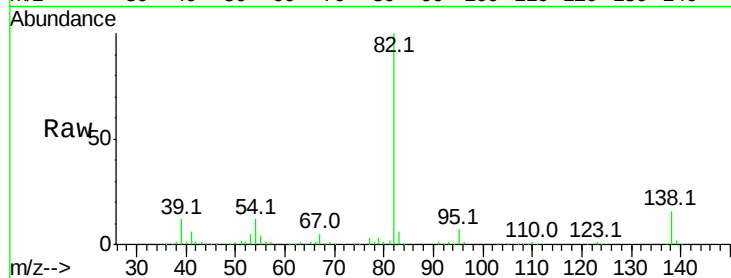
ClientSampleId :

PB102122BS

Tot Ion:	82	Resp:	538494
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	16.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 48.032 ng

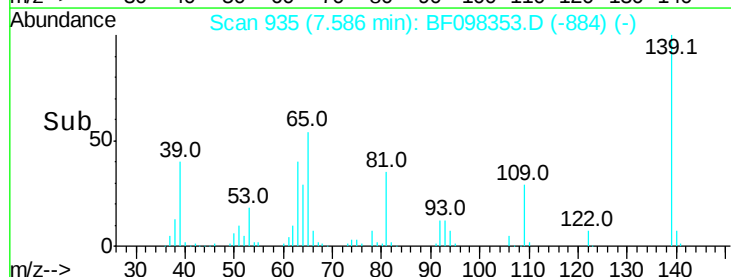
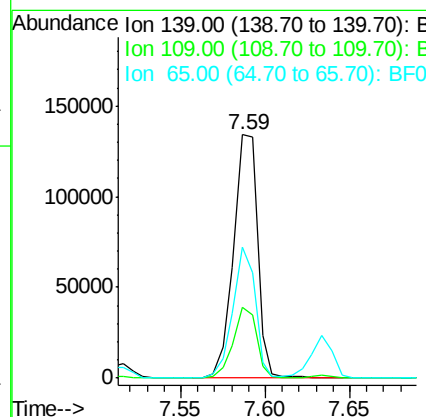
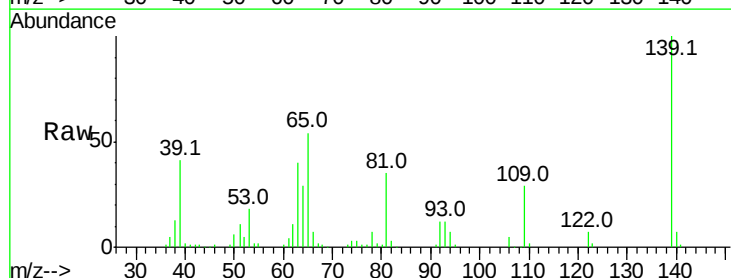
RT: 7.59 min Scan# 935

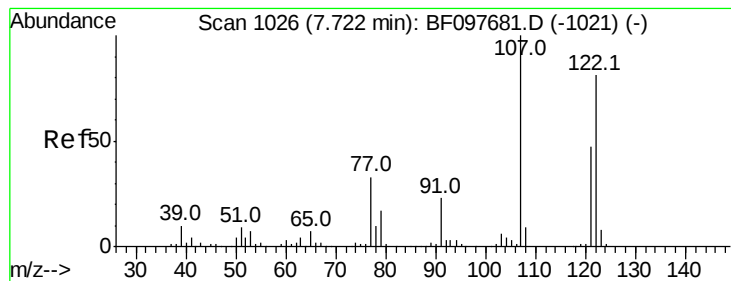
Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion:	139	Resp:	132940
Ion Ratio	Lower	Upper	
139	100		
109	29.0	21.0	31.6
65	53.9	33.0	49.6#





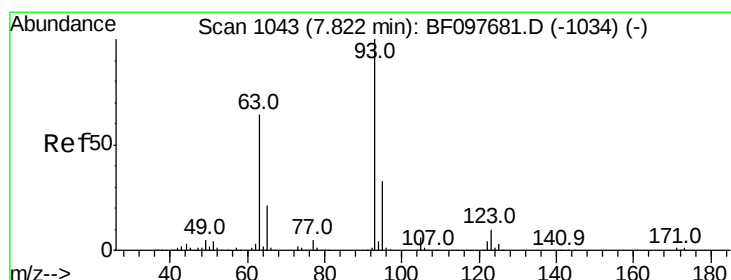
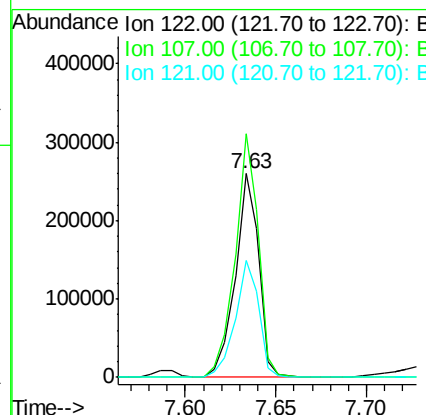
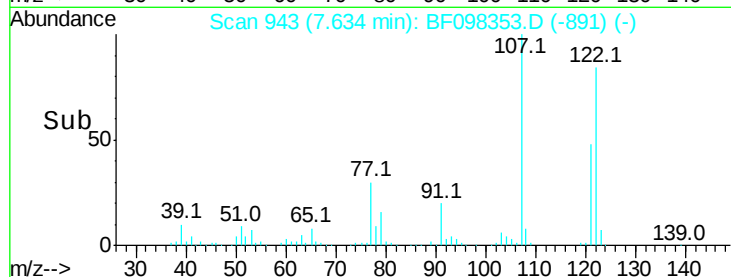
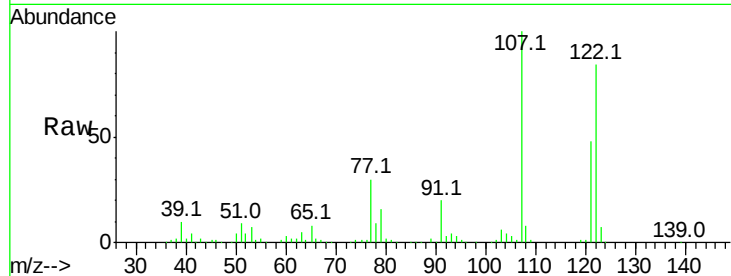
#27
 2,4-Dimethylphenol
 Concen: 39.419 ng
 RT: 7.63 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion:	122	Resp:	234521
Ion Ratio	Lower	Upper	
122	100		
107	119.6	89.2	133.8
121	57.6	45.2	67.8

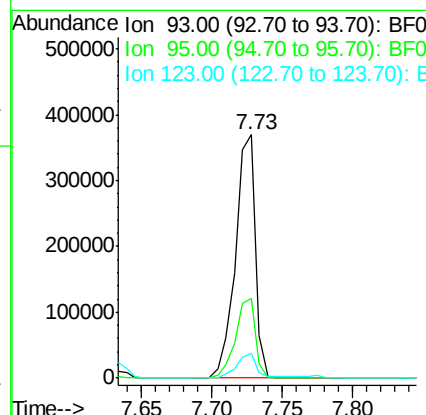
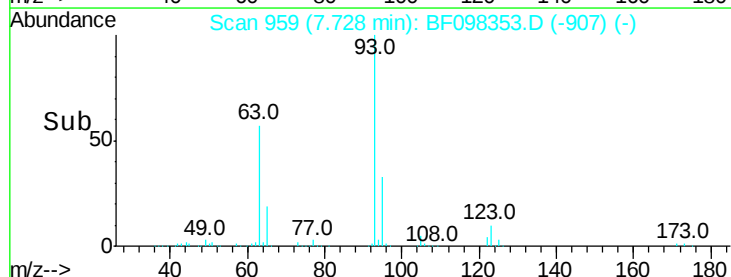
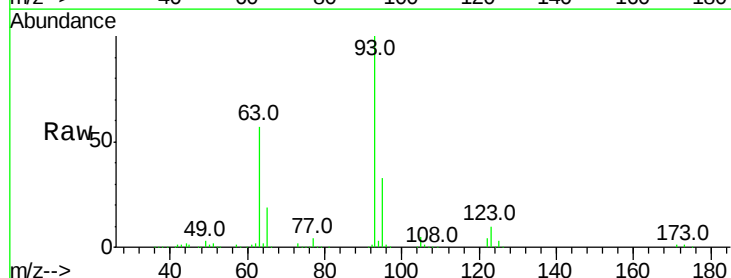
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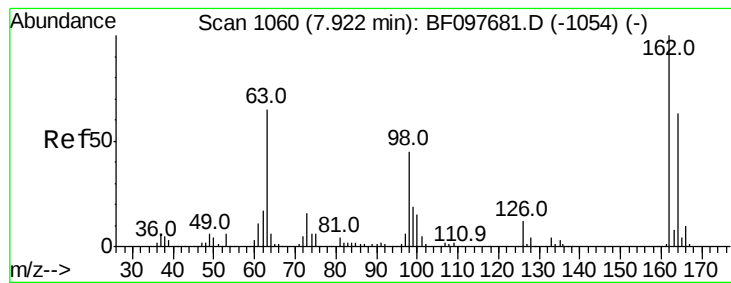
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.647 ng
 RT: 7.73 min Scan# 959
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:	93	Resp:	362456
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	10.1	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 41.581 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

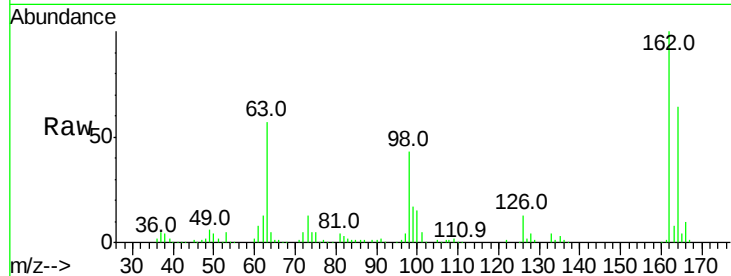
ClientSampleId :

PB102122BS

Tot Ion:	162	Resp:	205355
Ion Ratio	Lower	Upper	
162	100		
164	64.5	44.6	84.6
98	43.2	14.8	54.8

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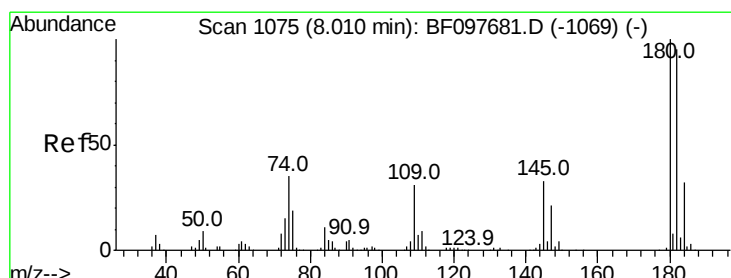
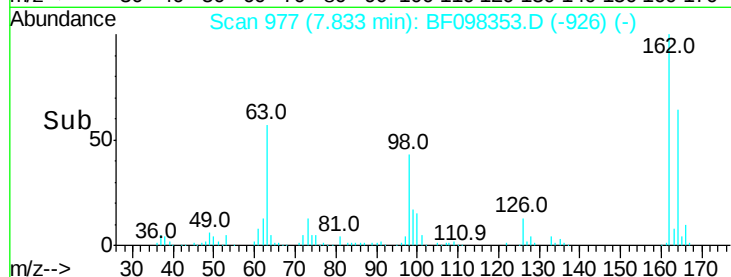
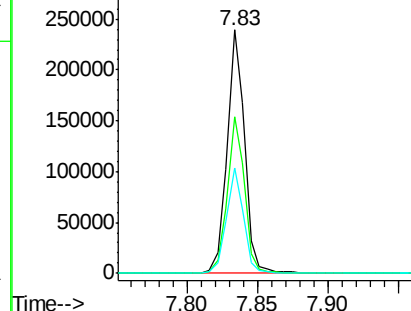
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.904 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF098353.D

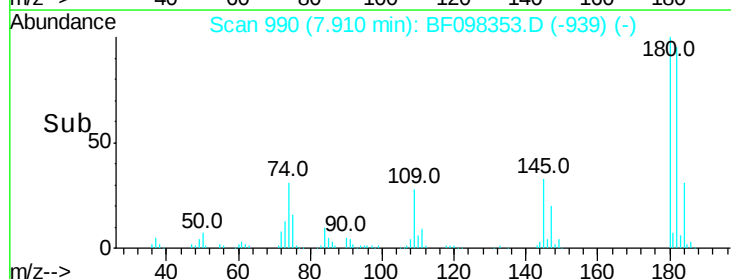
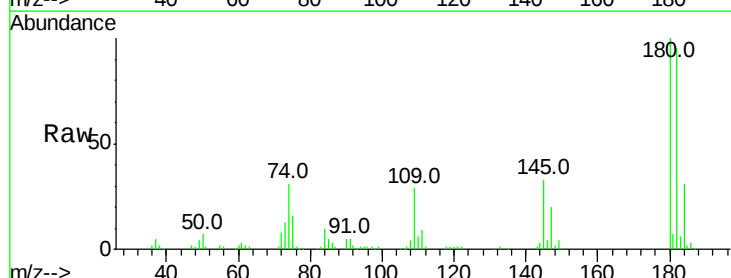
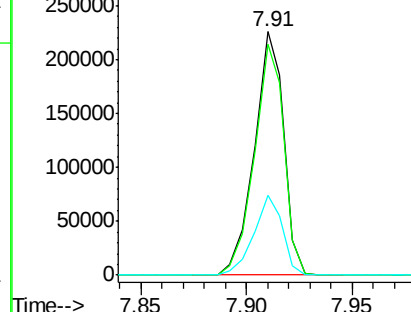
Acq: 8 Sep 2017 16:29

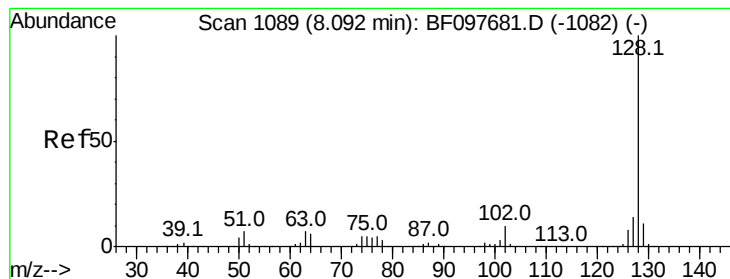
Tgt Ion:	180	Resp:	218465
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.8	113.6
145	32.5	25.3	37.9

Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.988 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

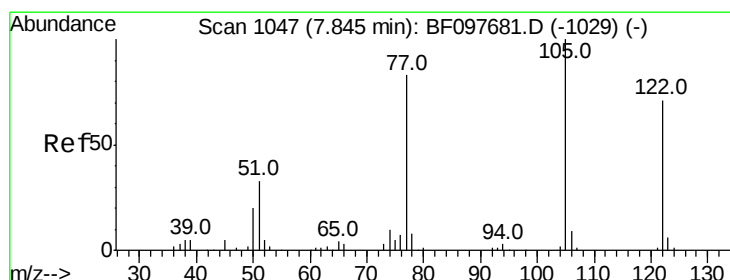
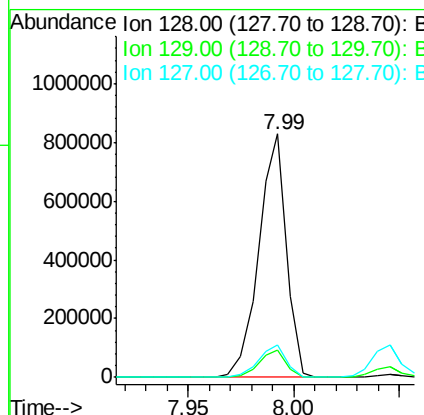
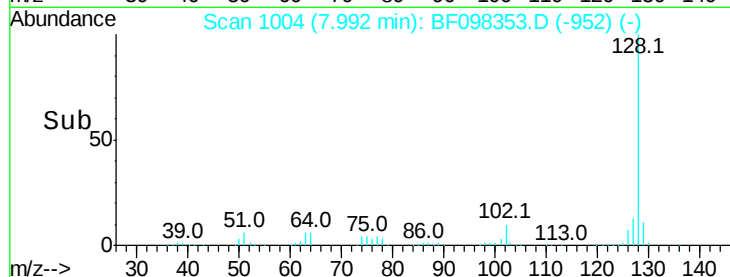
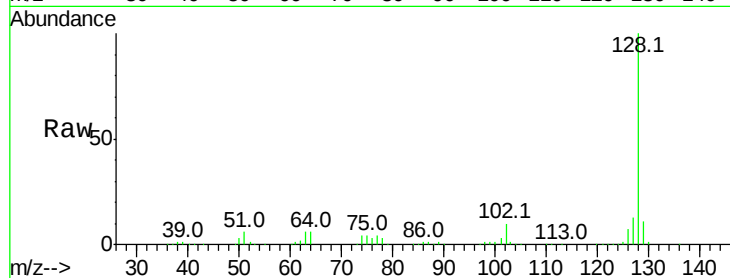
ClientSampled :

PB102122BS

Tot Ion:	128	Resp:	754353
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.4	10.8	16.2

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#32

Benzoic acid

Concen: 30.145 ng

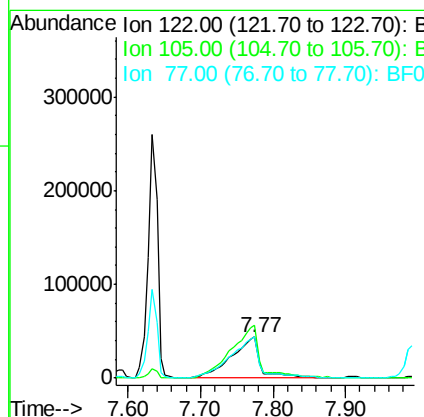
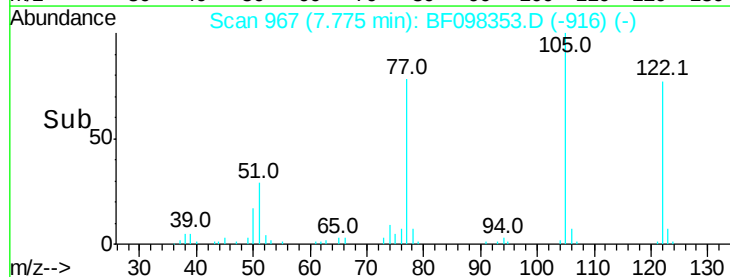
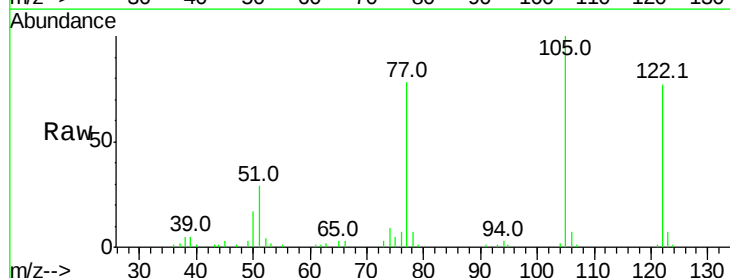
RT: 7.77 min Scan# 967

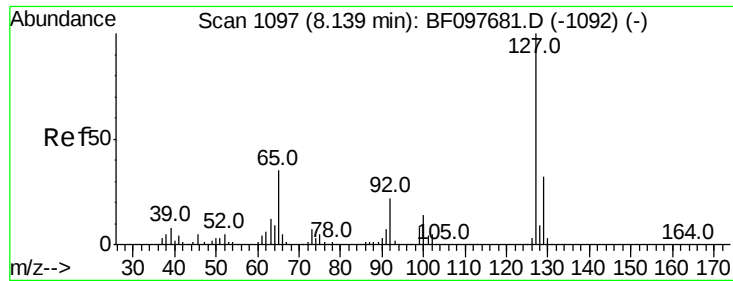
Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion:	122	Resp:	118757
Ion Ratio	Lower	Upper	
122	100		
105	129.4	103.3	143.3
77	101.4	73.7	113.7





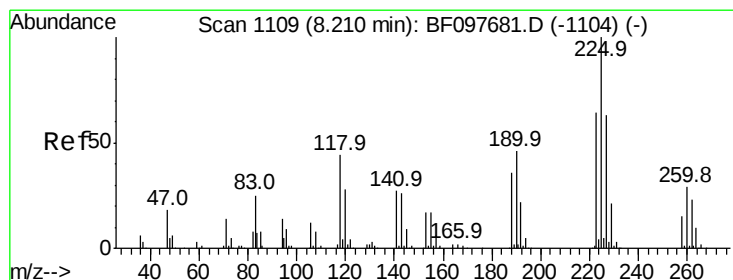
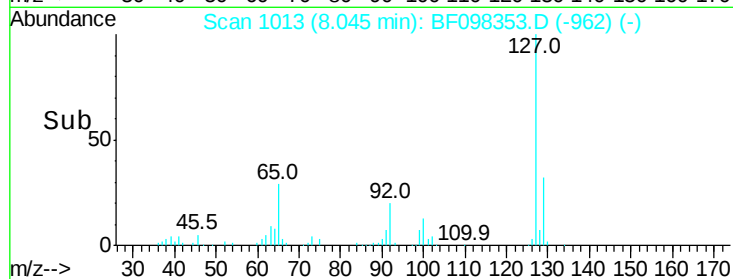
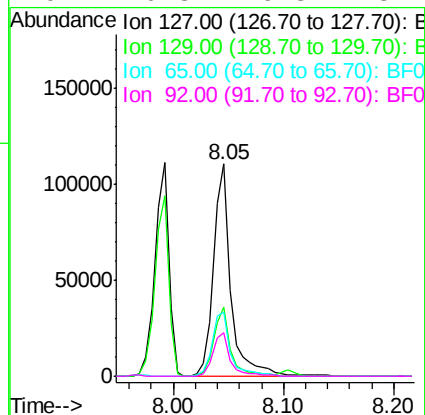
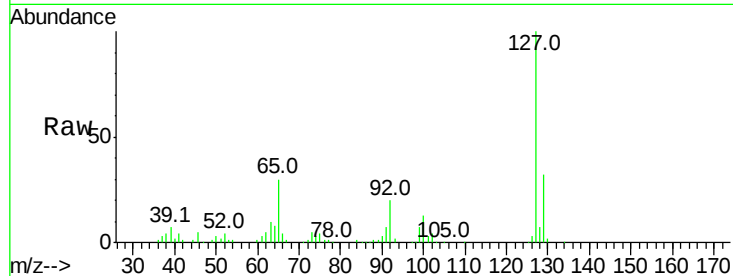
#33
4-Chloroaniline
Concen: 14.493 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.2		
65	30.1	27.8	41.8		
92	20.3	16.8	25.2		

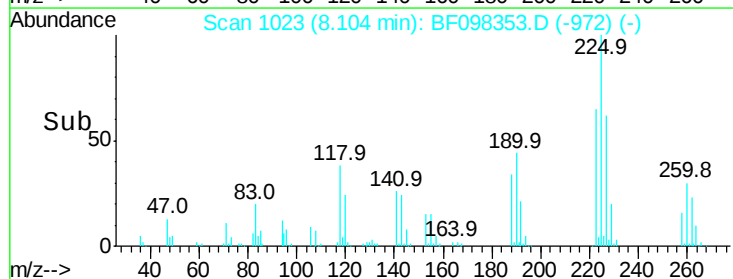
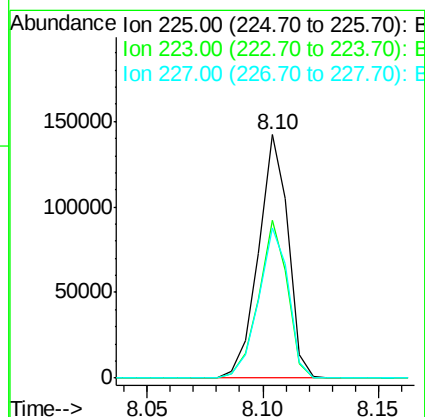
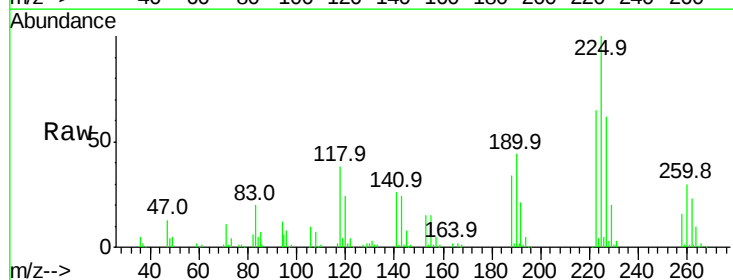
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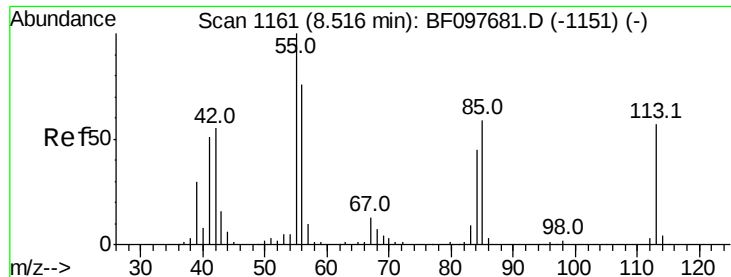
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#34
Hexachlorobutadiene
Concen: 39.809 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	48.8	73.2		
227	61.8	51.1	76.7		





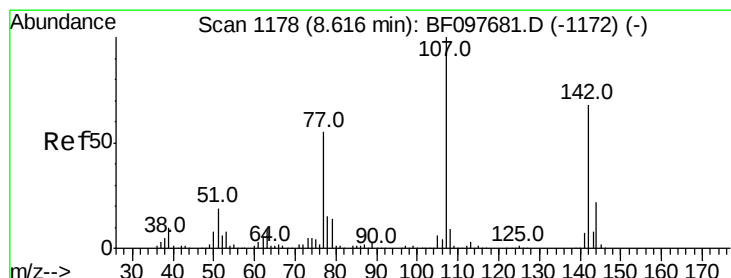
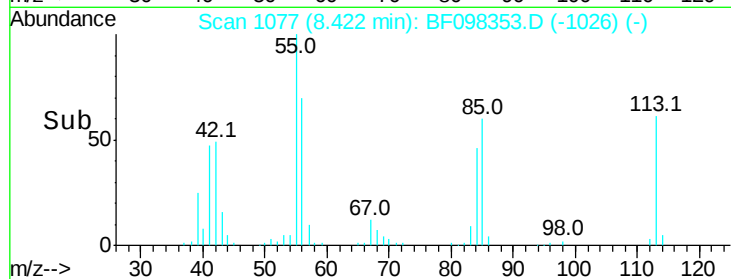
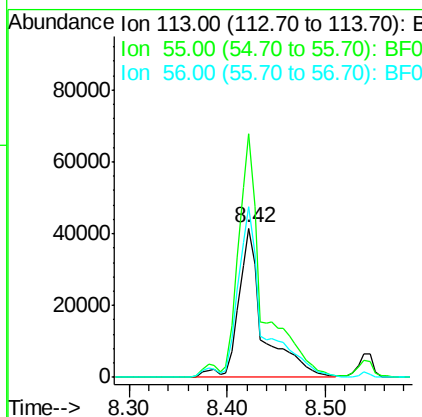
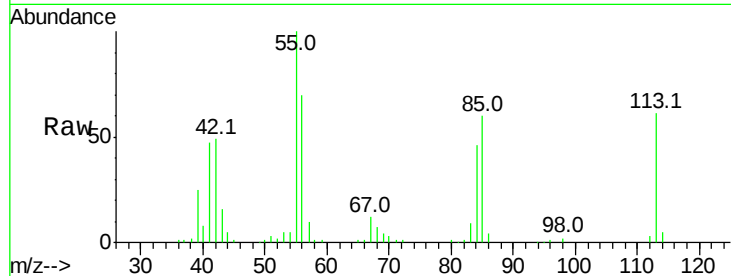
#35
 Caprolactam
 Concen: 43.730 ng/ml
 RT: 8.42 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampled :
 PB102122BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.1	150.2	190.2
56	114.3	107.8	147.8

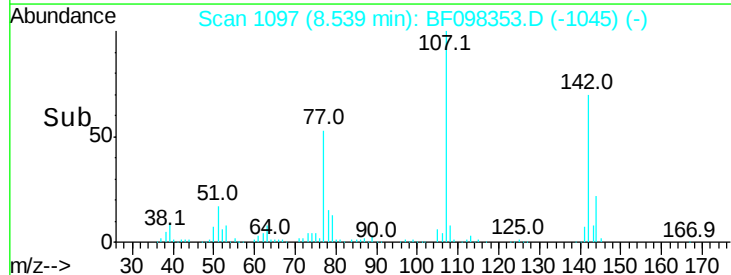
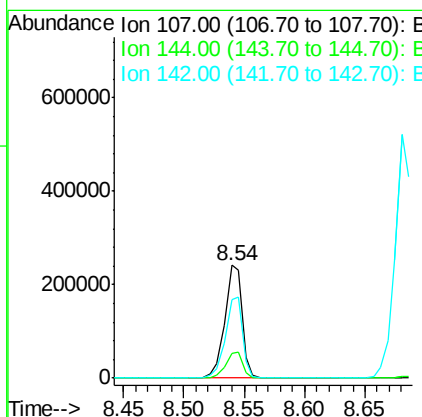
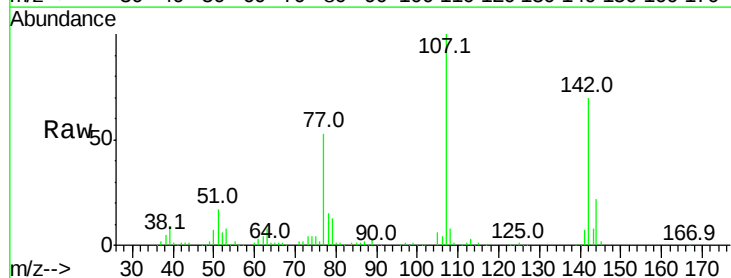
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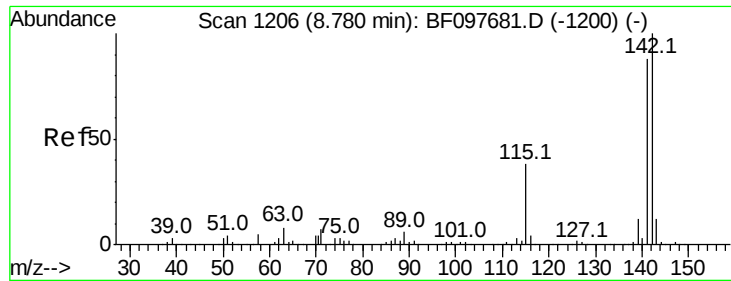
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#36
 4-Chloro-3-methylphenol
 Concen: 37.982 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	24.2	36.4#
142	69.9	73.4	110.0#





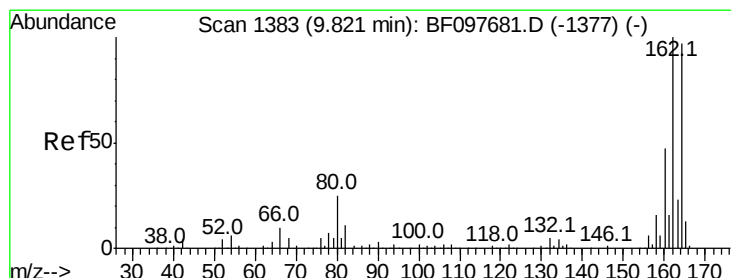
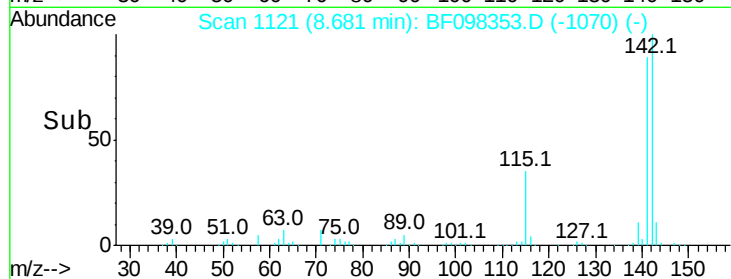
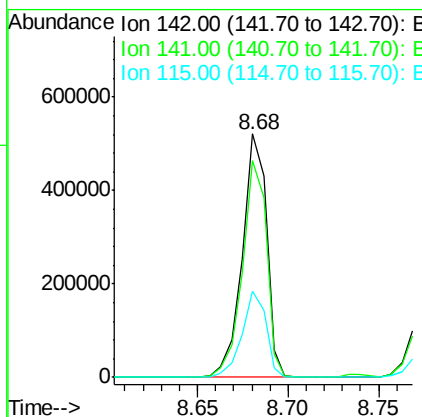
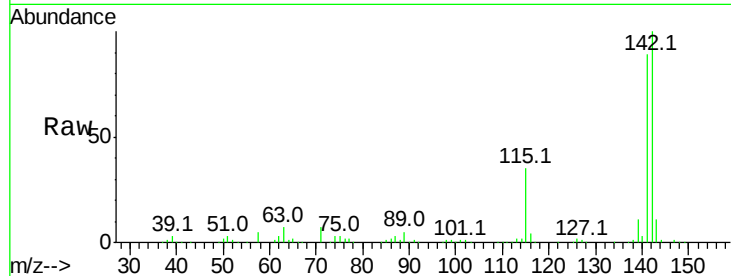
#37
 2-Methylnaphthalene
 Concen: 41.057 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	35.2	27.1	40.7

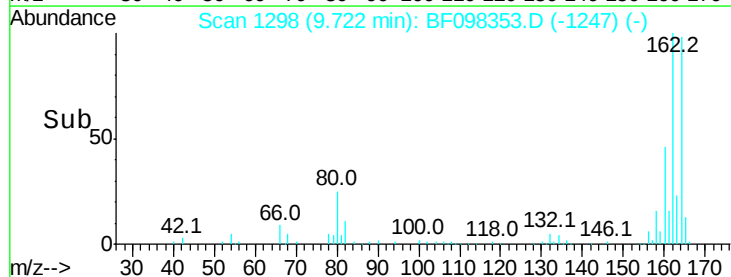
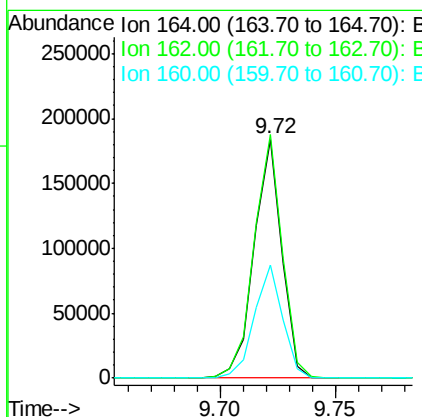
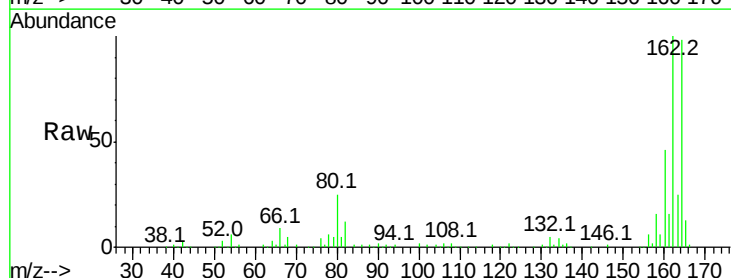
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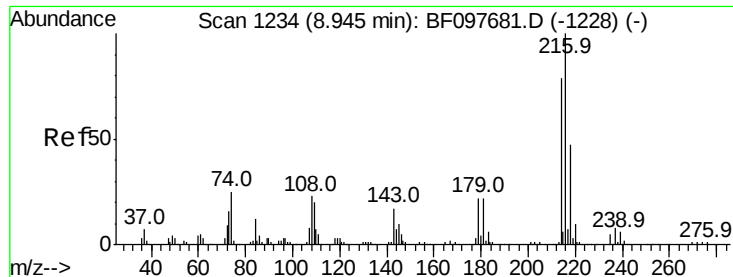
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	123.8
160	47.2	36.2	54.2





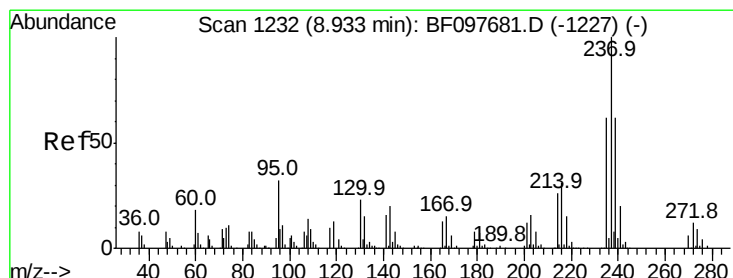
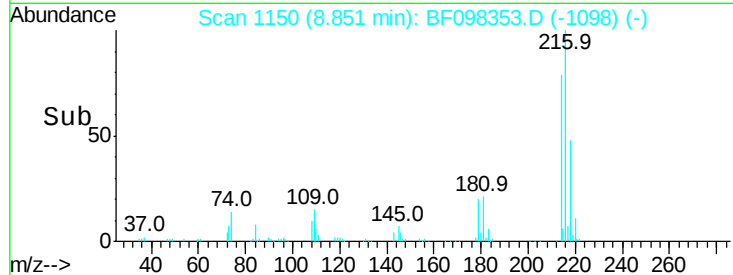
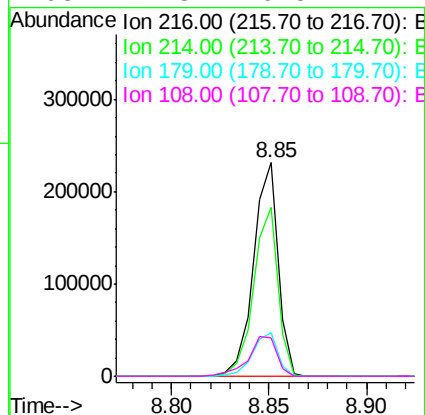
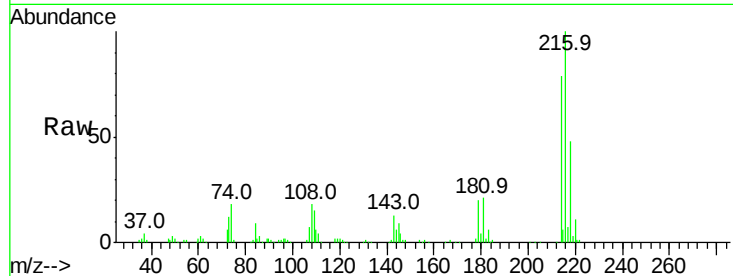
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.635 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	202449		
214	78.2	63.4	95.2	
179	20.8	17.9	26.9	
108	21.8	16.5	24.7	

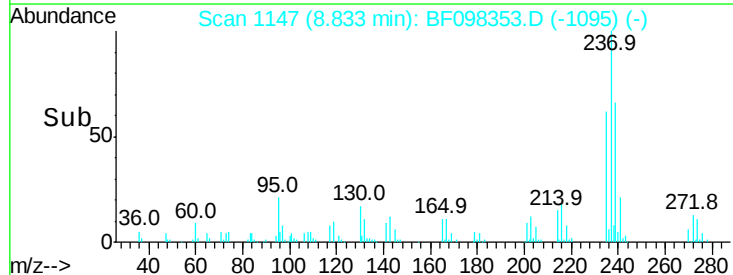
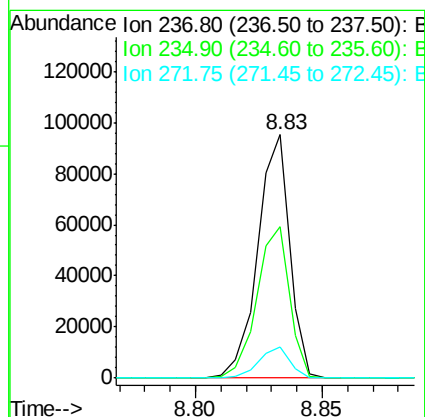
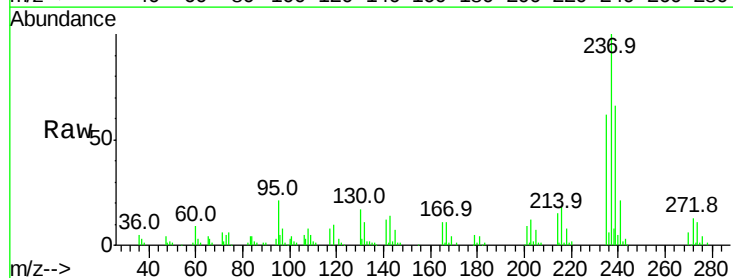
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#40
 Hexachlorocyclopentadiene
 Concen: 36.910 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	84198		
235	62.4	42.6	82.6	
272	13.0	0.0	31.9	





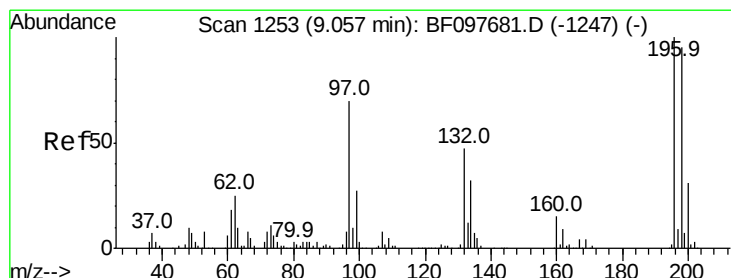
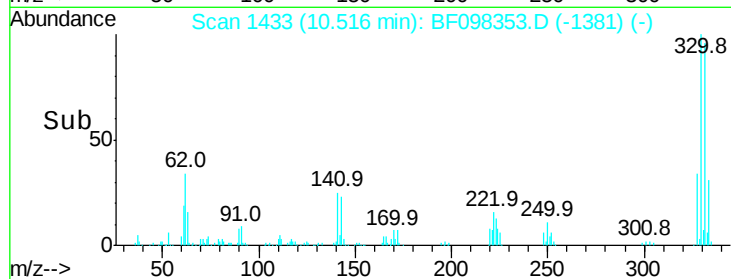
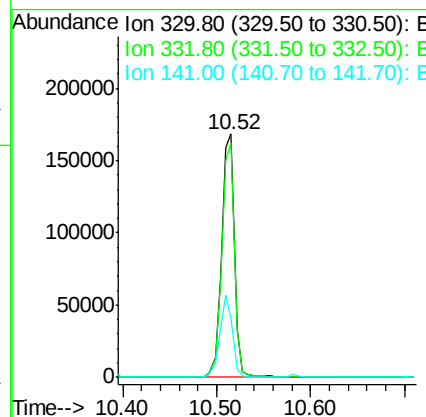
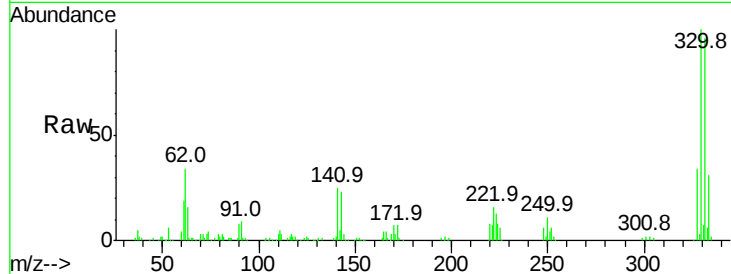
#41
 2,4,6-Tribromophenol
 Concen: 121.380 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	162951		
332	95.0	76.6	115.0	
141	33.1	31.4	47.2	

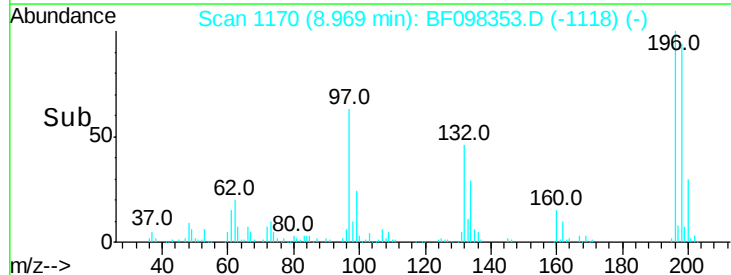
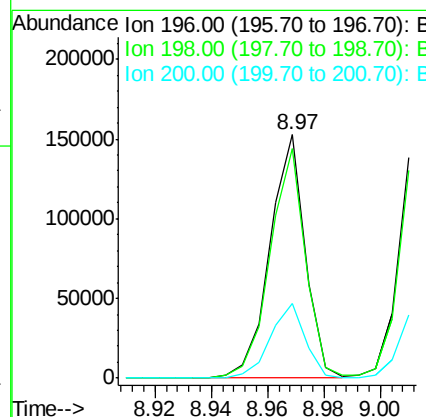
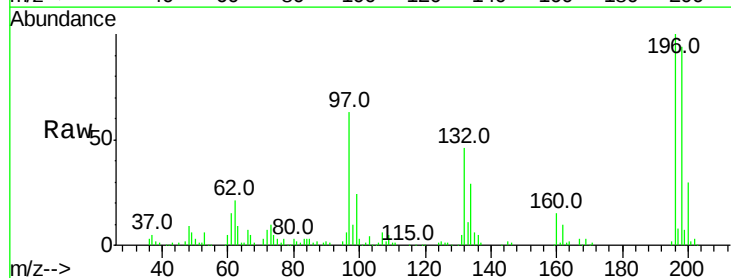
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#42
 2,4,6-Trichlorophenol
 Concen: 41.538 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	132422		
198	94.4	74.2	111.4	
200	30.4	24.0	36.0	





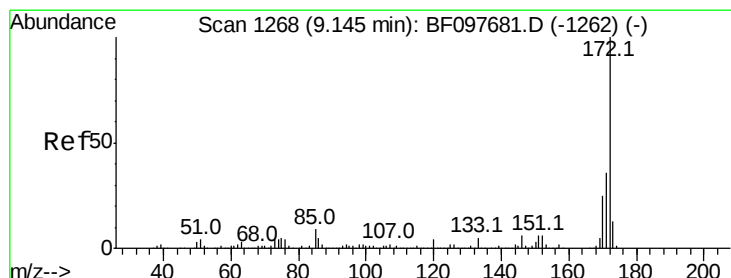
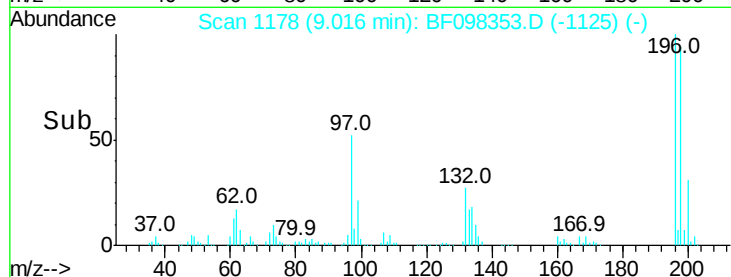
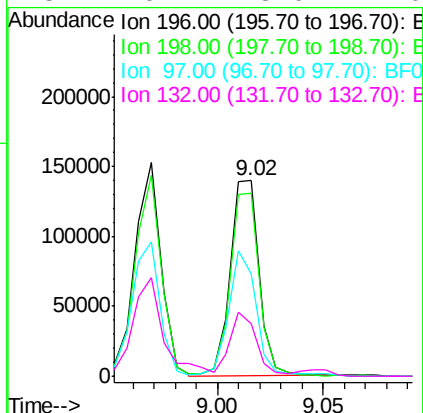
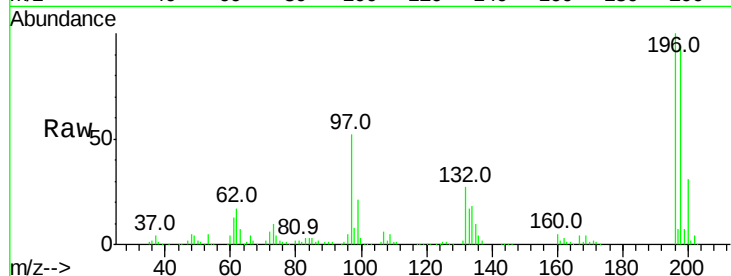
#43
 2,4,5-Trichlorophenol
 Concen: 41.348 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampled :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130770		
198	93.5	75.7	113.5	
97	52.4	47.7	71.5	
132	26.7	28.0	42.0	

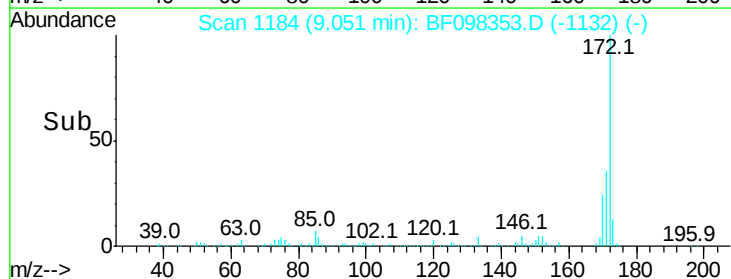
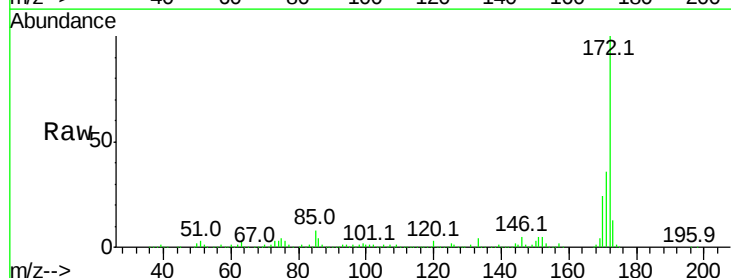
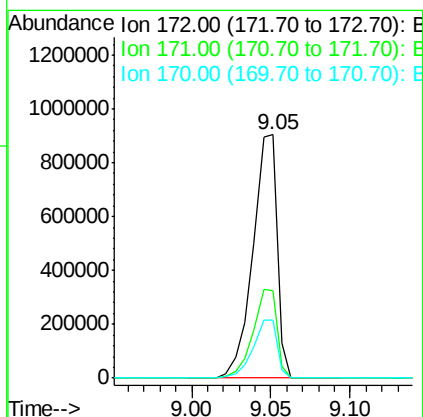
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#44
 2-Fluorobiphenyl
 Concen: 91.552 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	964150		
171	35.7	29.6	44.4	
170	24.0	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 40.594 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

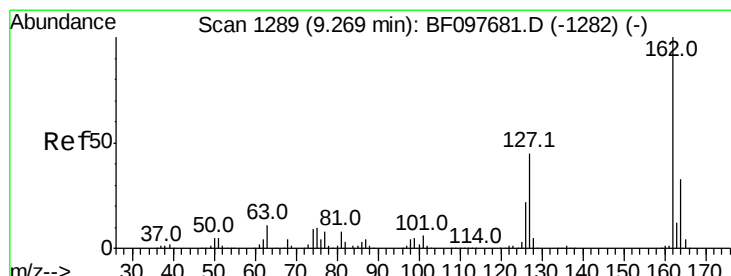
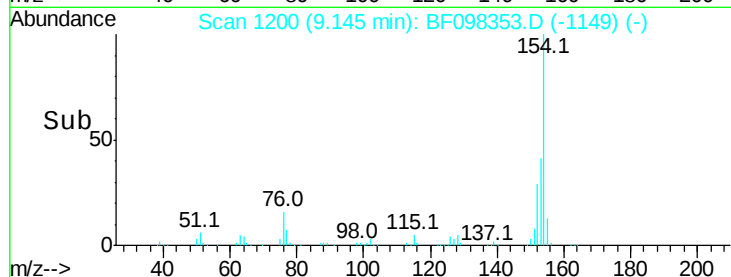
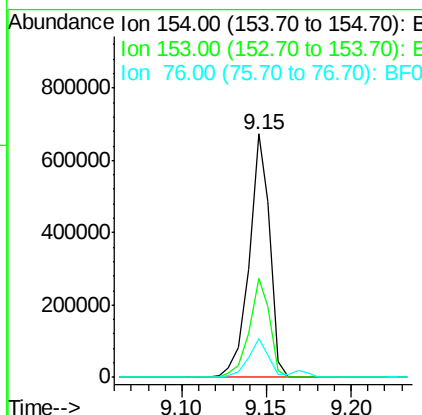
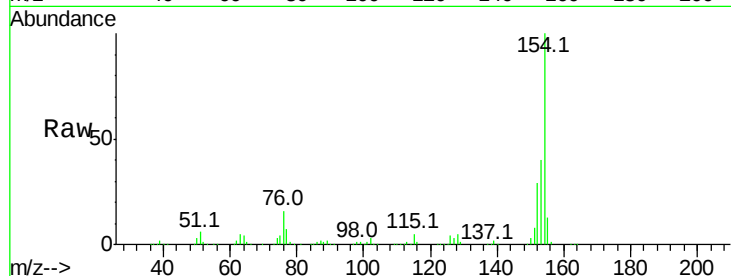
ClientSampleId :

PB102122BS

Tot Ion:	154	Resp:	572756
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.2	61.2
76	16.1	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 39.856 ng

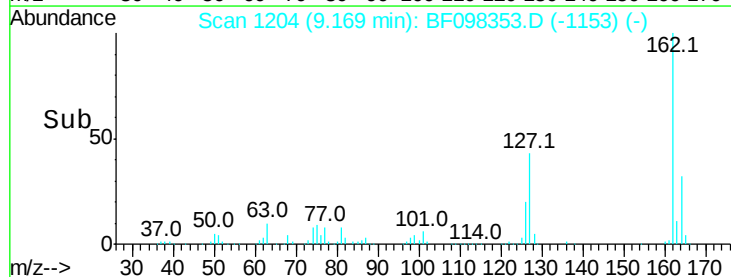
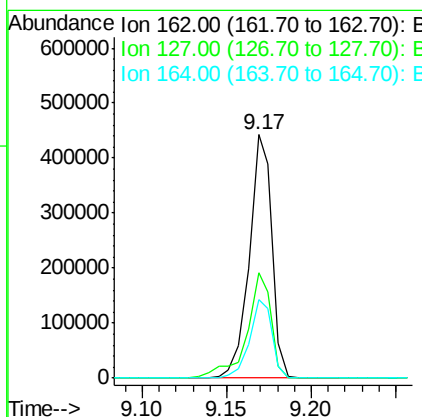
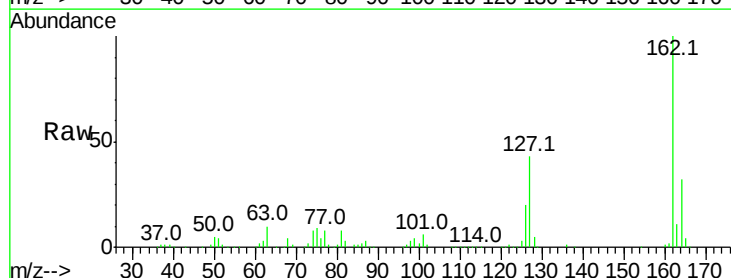
RT: 9.17 min Scan# 1204

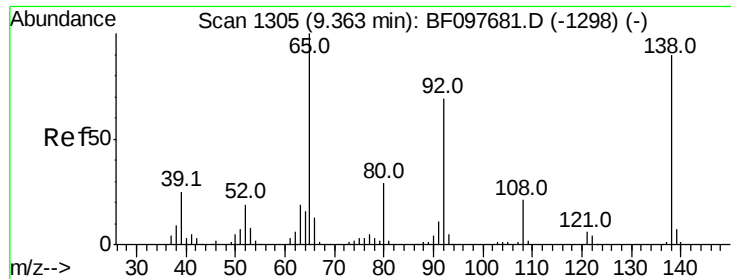
Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion:	162	Resp:	415502
Ion Ratio	Lower	Upper	
162	100		
127	43.1	28.3	42.5#
164	32.0	27.0	40.4





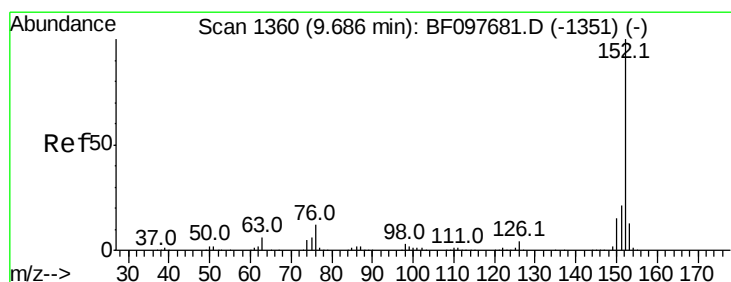
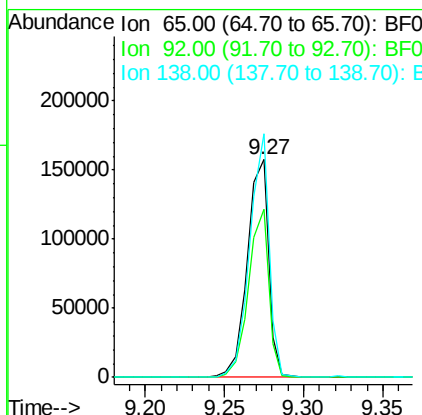
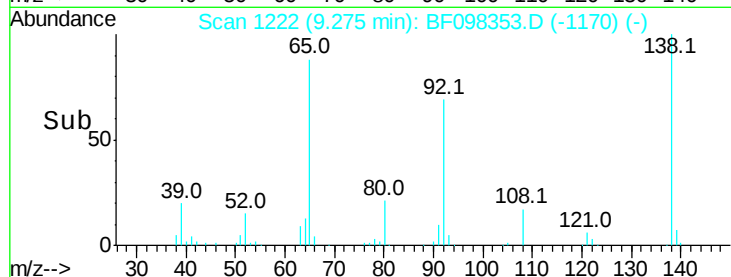
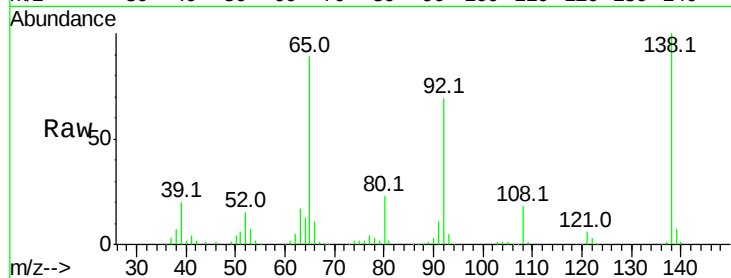
#47
 2-Nitroaniline
 Concen: 41.891 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.0	53.9	80.9
138	111.8	78.8	118.2

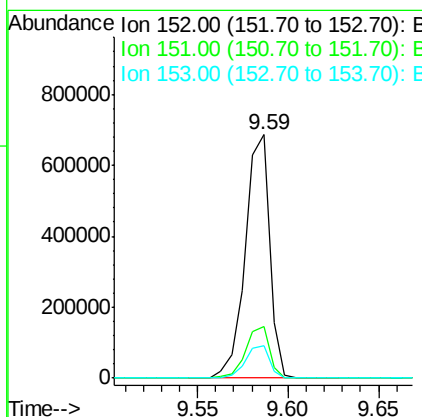
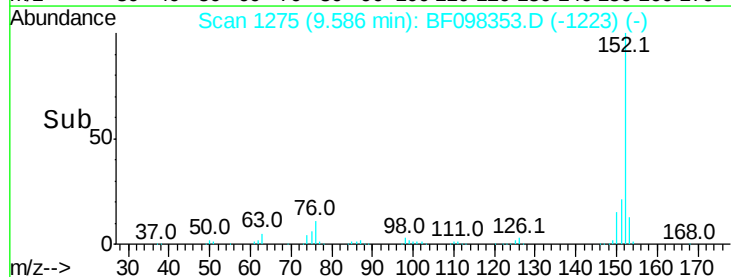
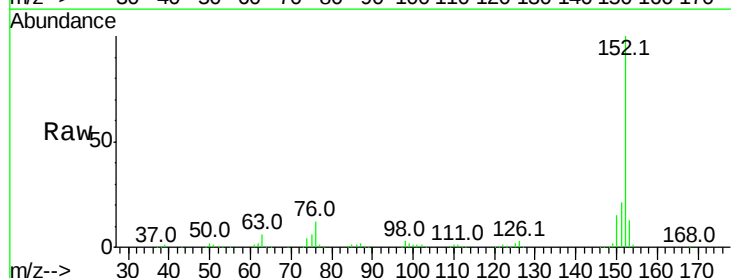
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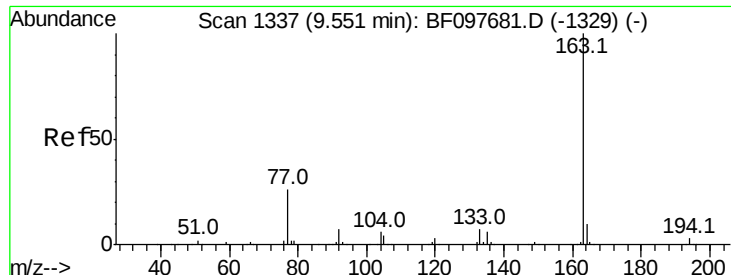
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#48
 Acenaphthylene
 Concen: 39.157 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.4	10.8	16.2





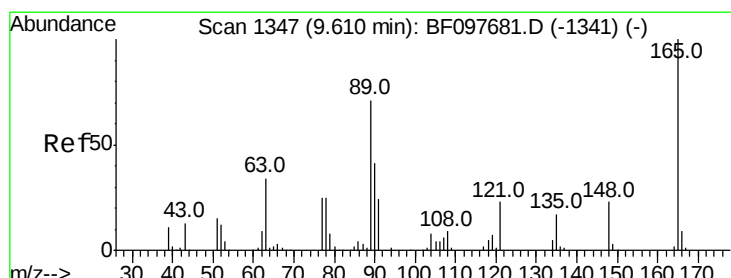
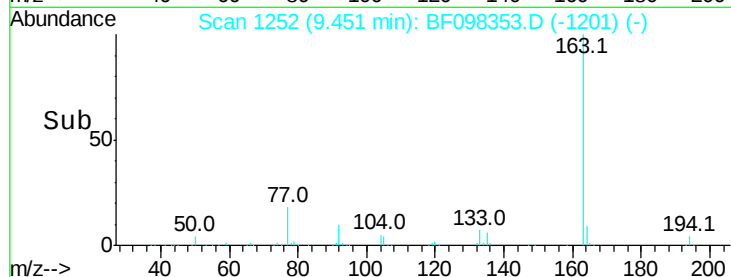
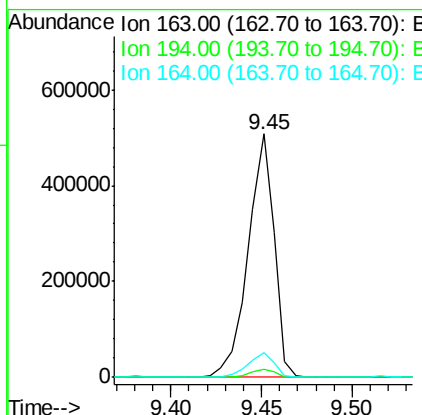
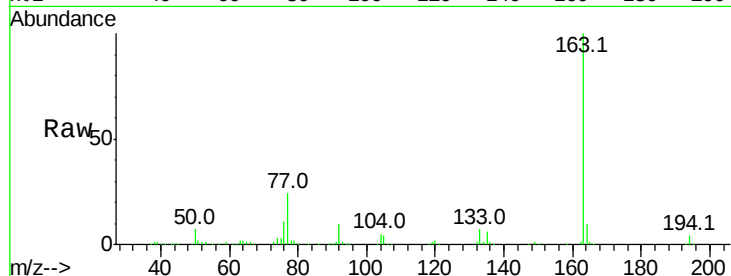
#49
Dimethylphthalate
Concen: 44.642 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.6	4.0
164	10.3	8.4	12.6

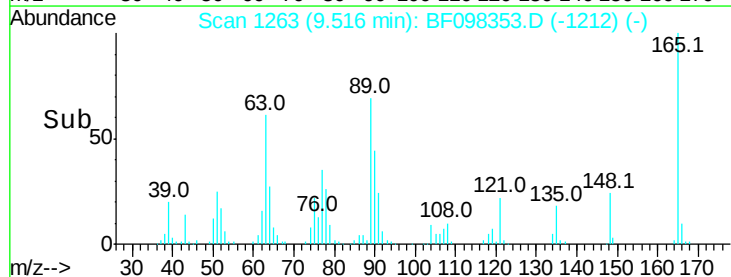
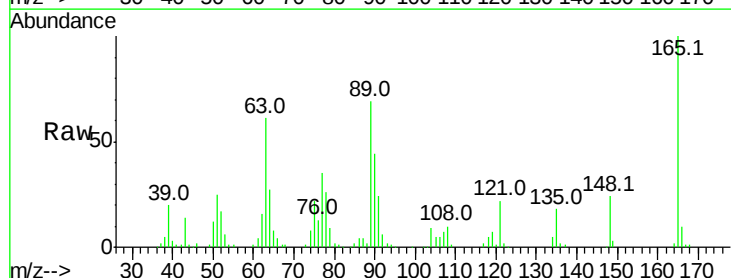
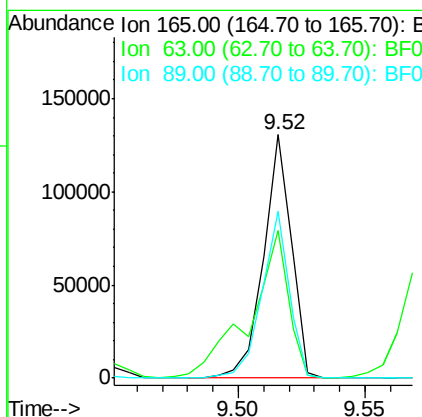
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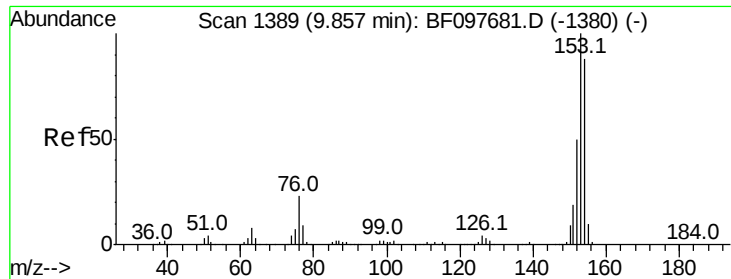
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#50
2,6-Dinitrotoluene
Concen: 44.861 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.5	34.3	51.5#
89	68.7	37.1	55.7#





#51

Acenaphthene

Concen: 36.694 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

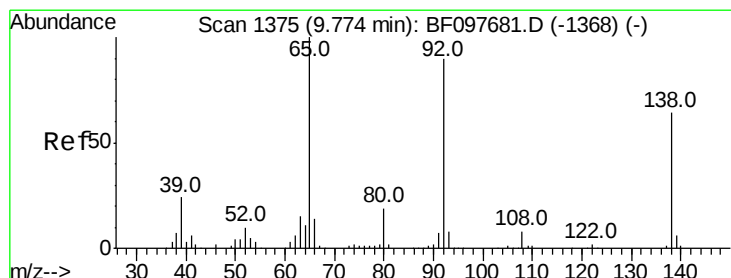
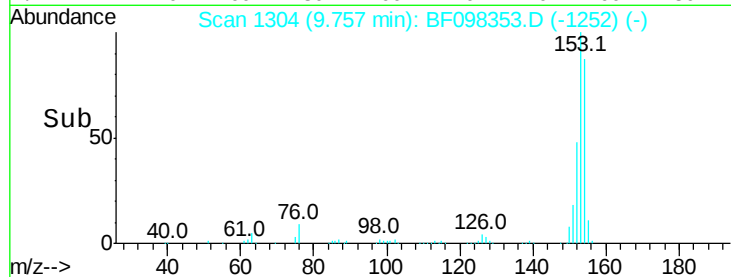
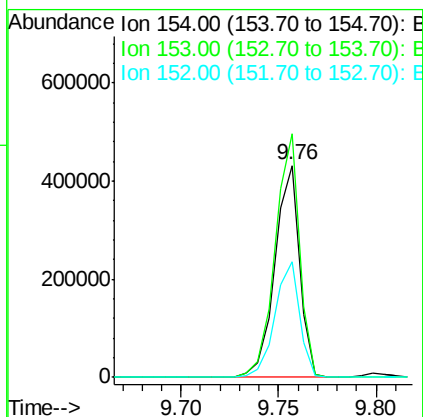
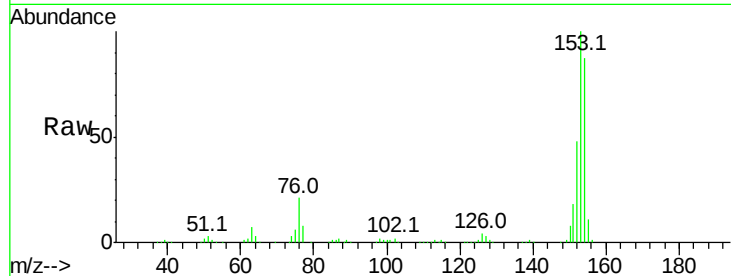
ClientSampleId :

PB102122BS

Tot Ion:	154	Resp:	378866
Ion Ratio	Lower	Upper	
154	100		
153	115.0	90.5	135.7
152	54.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 24.263 ng

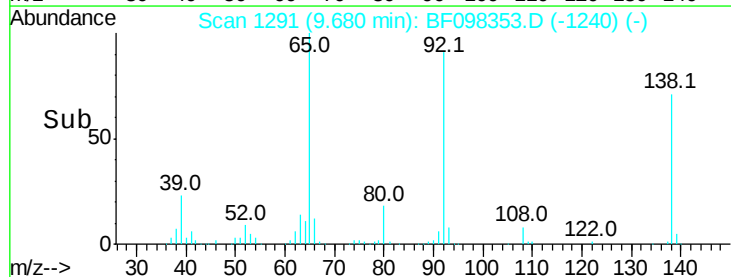
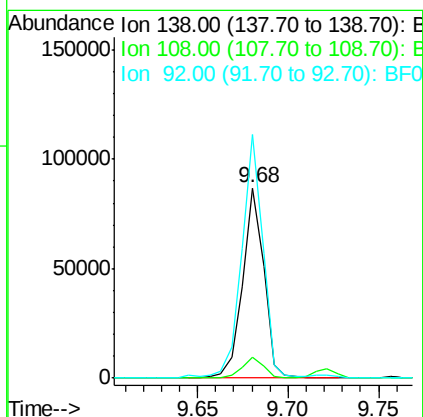
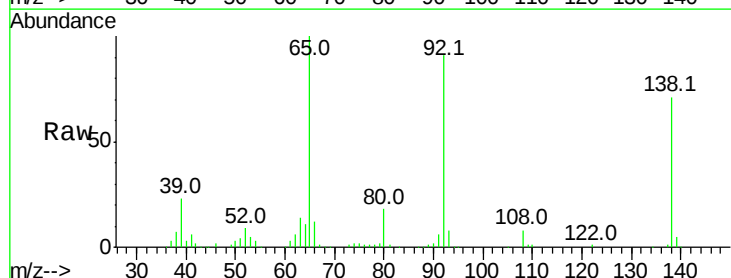
RT: 9.68 min Scan# 1291

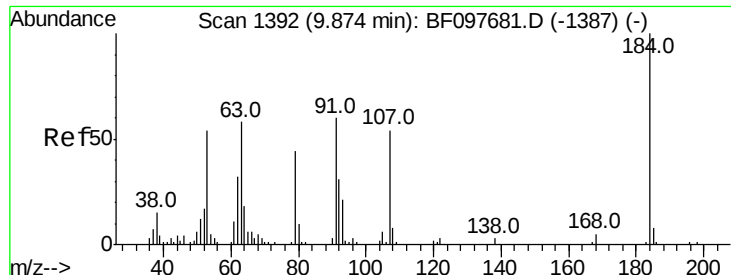
Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion:	138	Resp:	70670
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.1	13.7
92	128.3	93.8	140.6





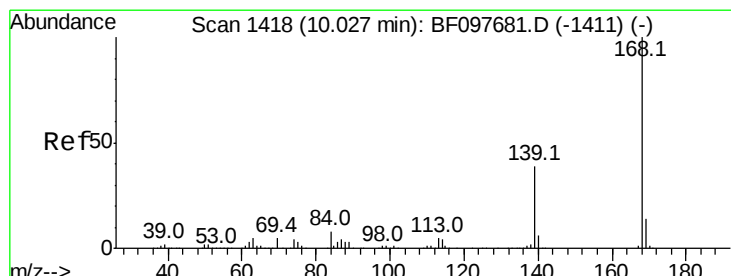
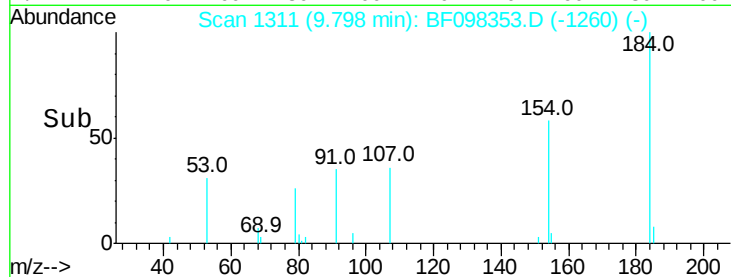
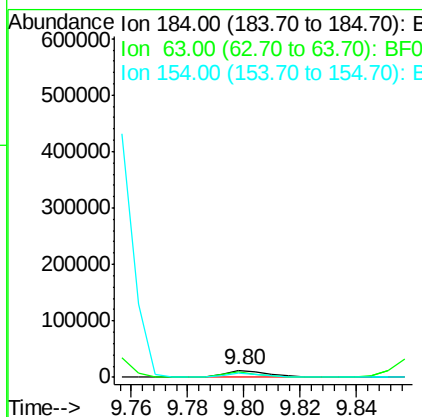
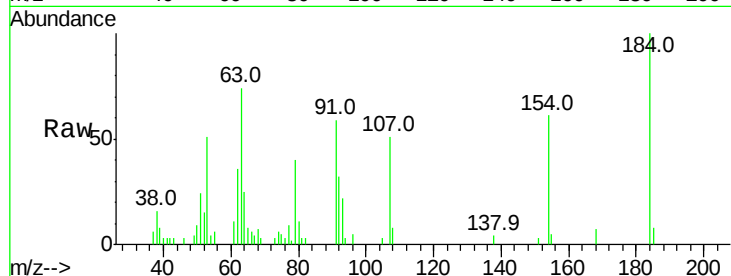
#53
 2,4-Dinitrophenol
 Concen: 20.833 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	73.7	62.7	94.1	
154	60.9	81.1	121.7	

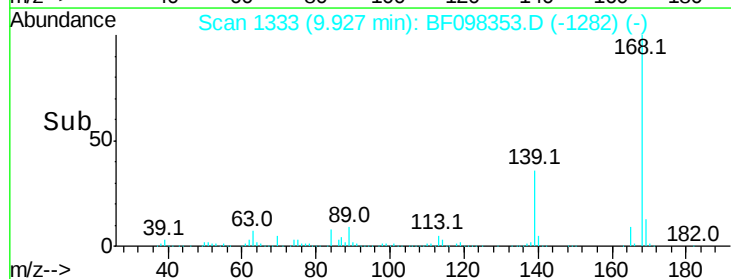
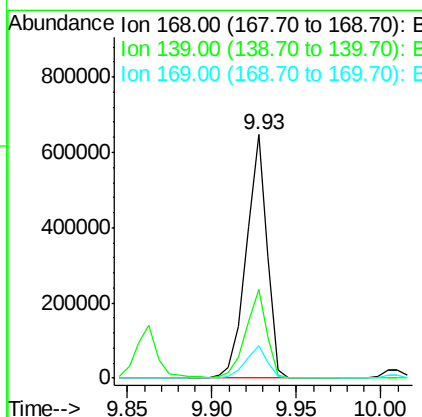
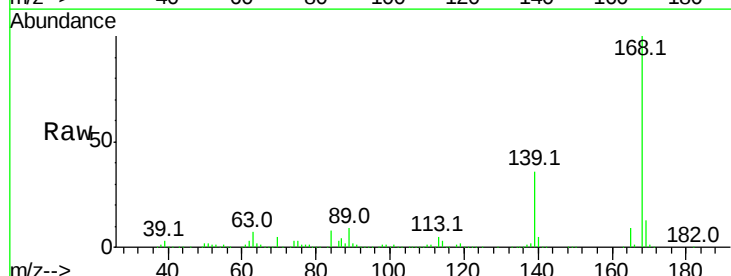
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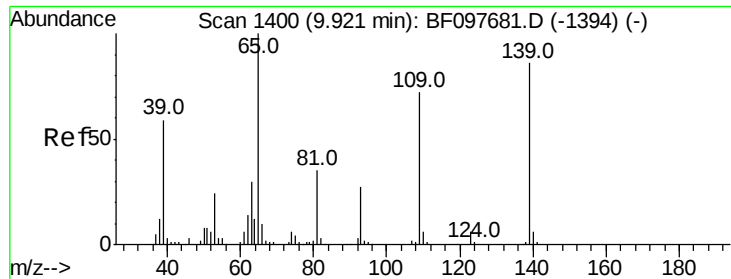
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#54
 Dibenzofuran
 Concen: 40.084 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.4	30.6	45.8	
169	13.2	10.8	16.2	





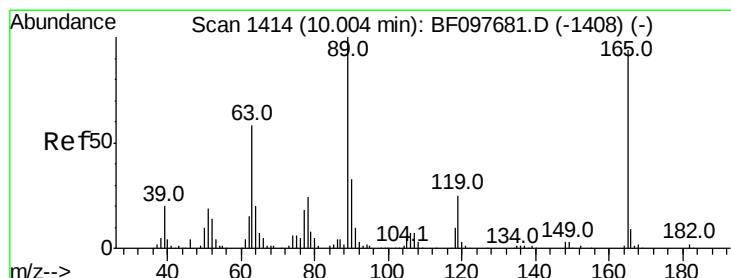
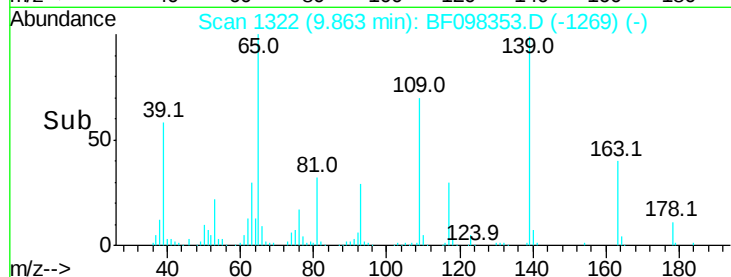
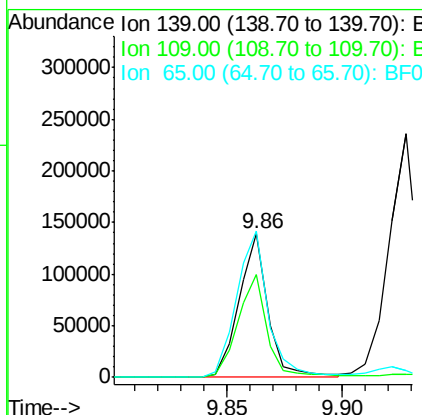
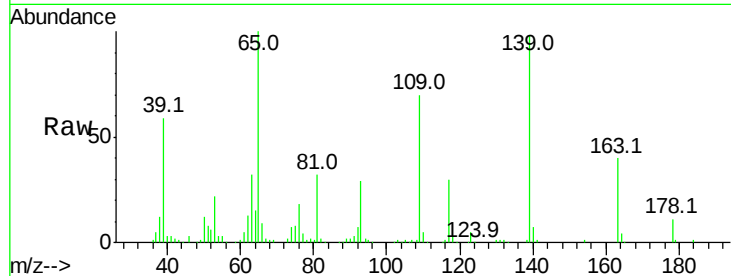
#55
4-Nitrophenol
Concen: 52.377 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.4	34.1	74.1	
65	101.6	31.4	71.4	#

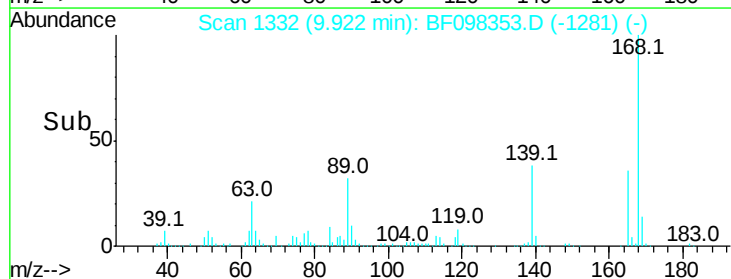
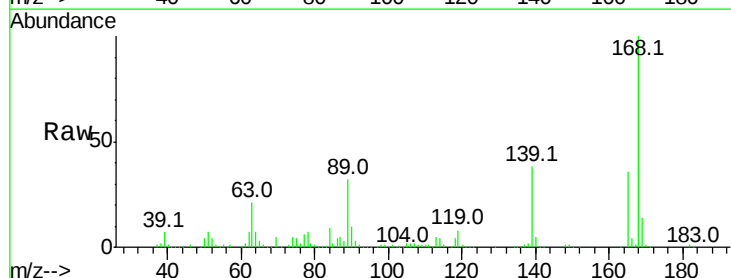
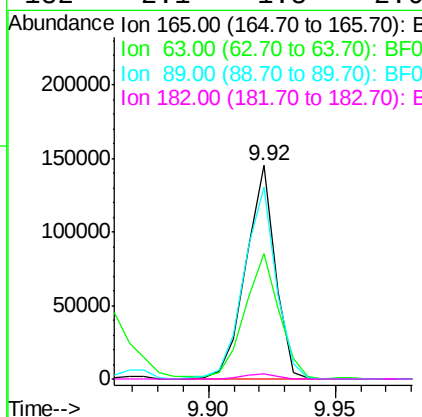
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#56
2,4-Dinitrotoluene
Concen: 41.423 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.6	25.4	38.0	#
89	89.9	46.4	69.6	#
182	2.1	1.8	2.6	





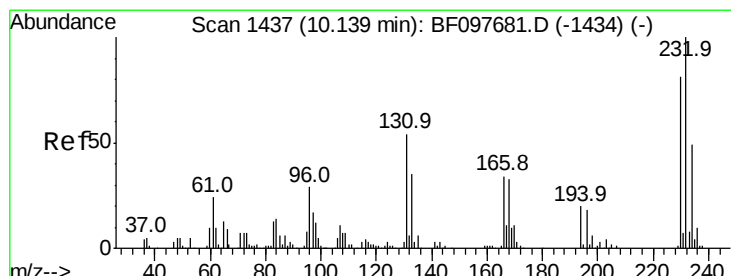
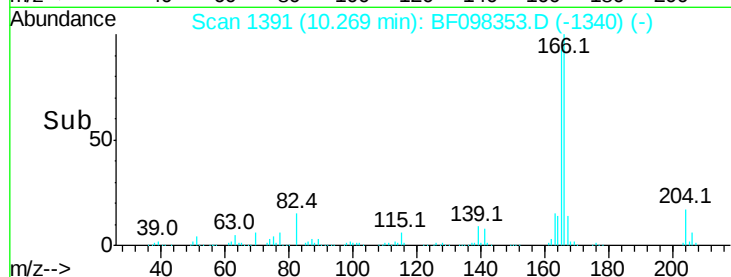
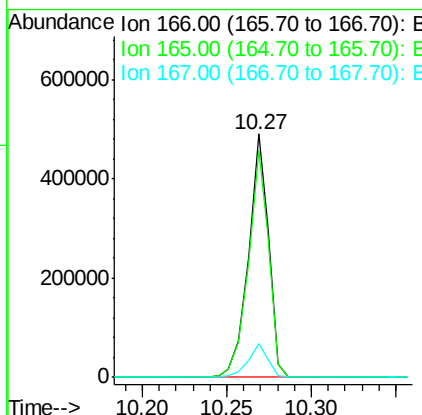
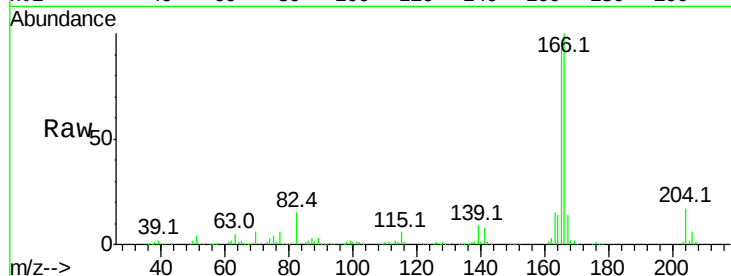
#57
Fluorene
 Concen: 38.299 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.4	78.8	118.2	
167	13.6	10.6	16.0	

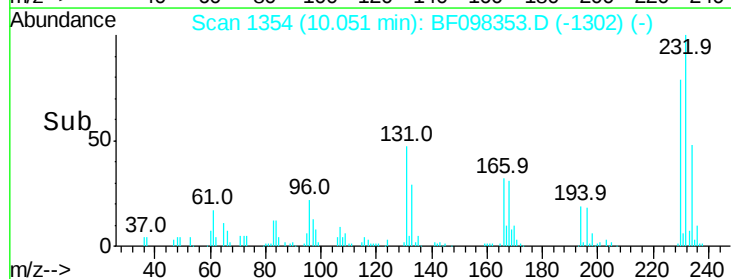
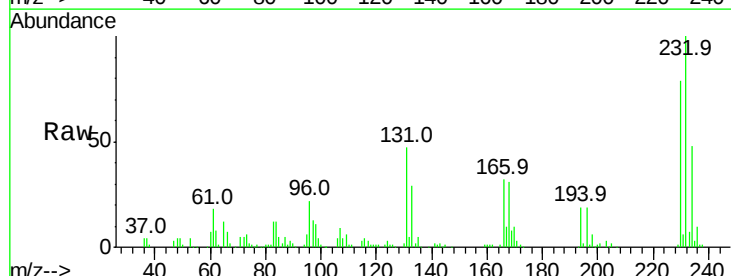
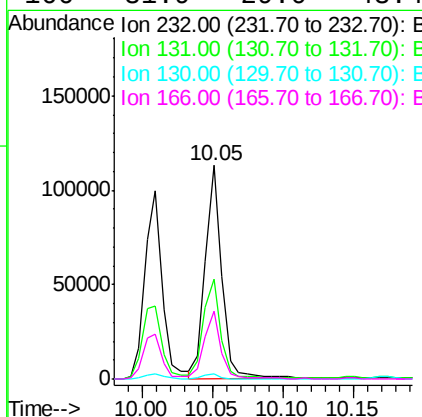
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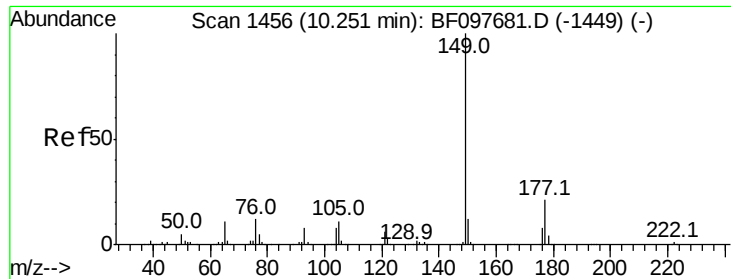
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.943 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.3	44.8	67.2	
130	2.4	2.3	3.5	
166	31.9	29.0	43.4	





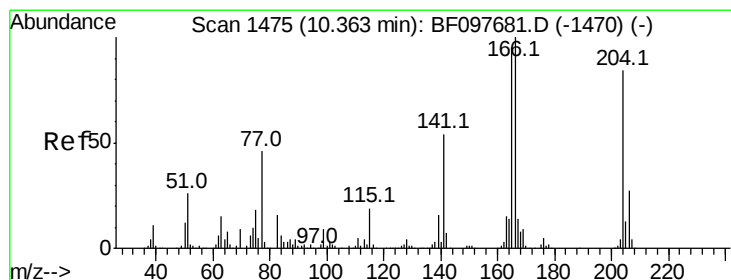
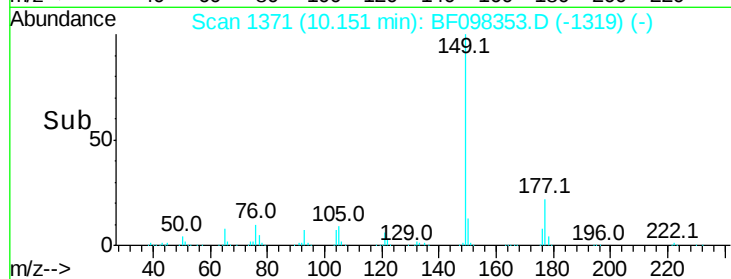
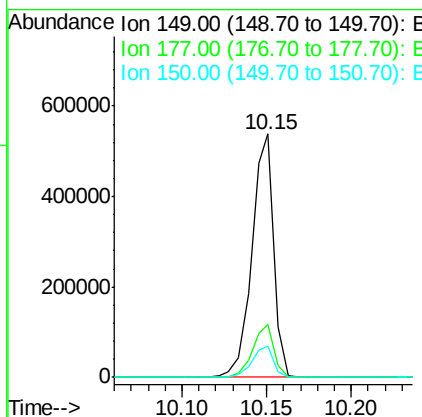
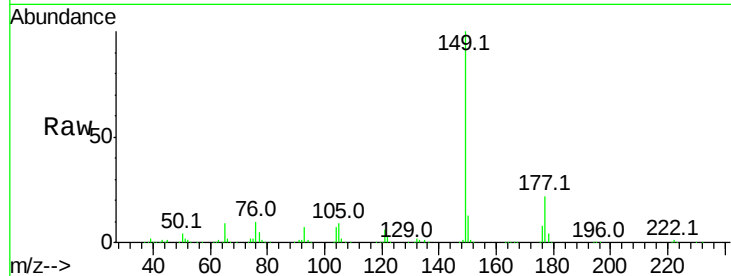
#59
Diethylphthalate
Concen: 41.006 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	484986		
177	21.9	16.7	25.1	
150	12.6	10.2	15.2	

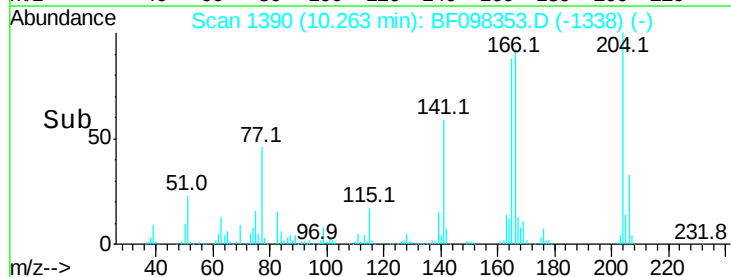
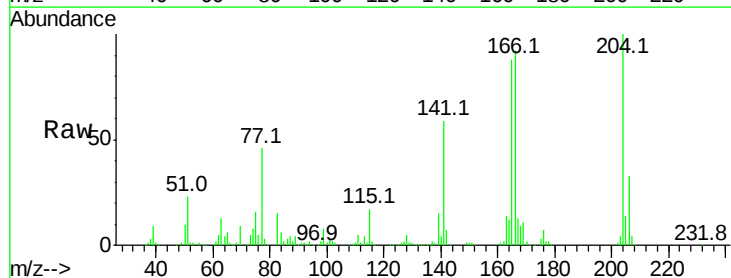
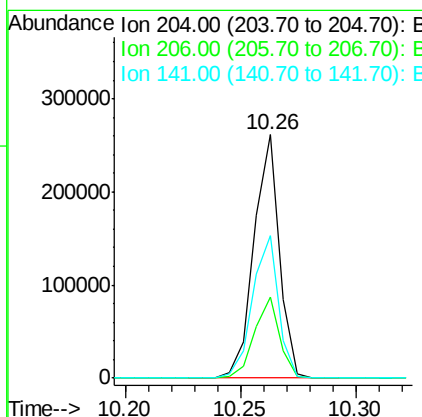
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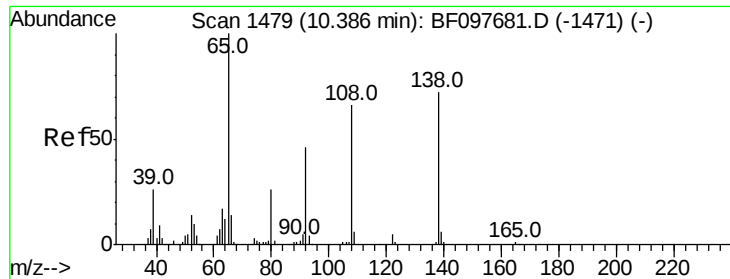
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#60
4-Chlorophenyl-phenylether
Concen: 40.658 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	202080		
206	33.4	26.2	39.2	
141	58.7	60.8	91.2#	





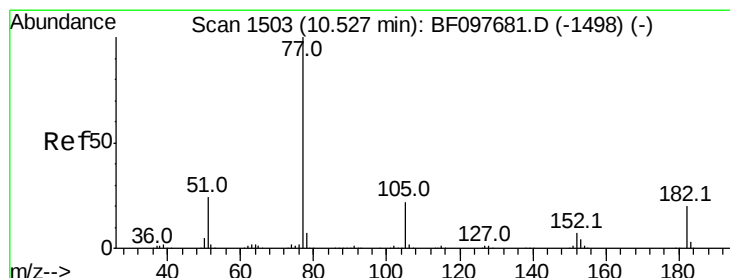
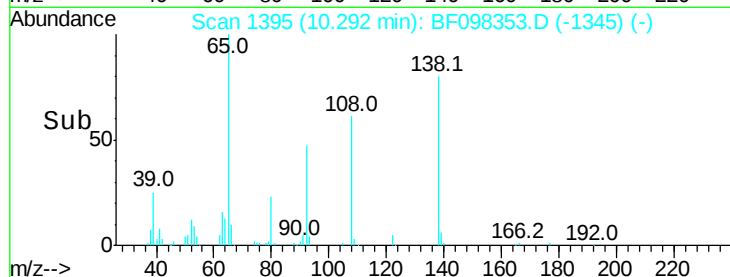
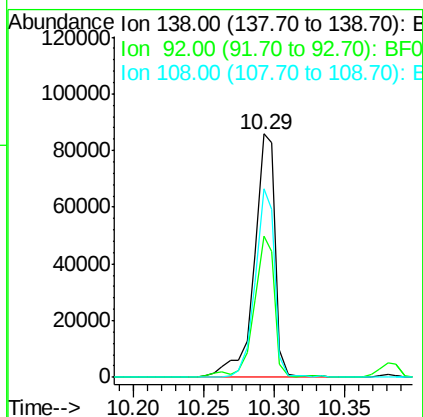
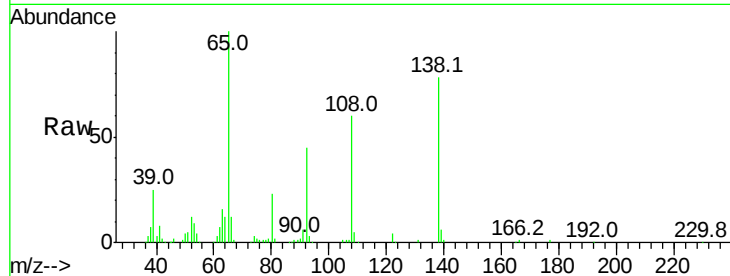
#61
4-Nitroaniline
Concen: 32.542 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.3	21.8	61.8
108	77.5	42.3	82.3

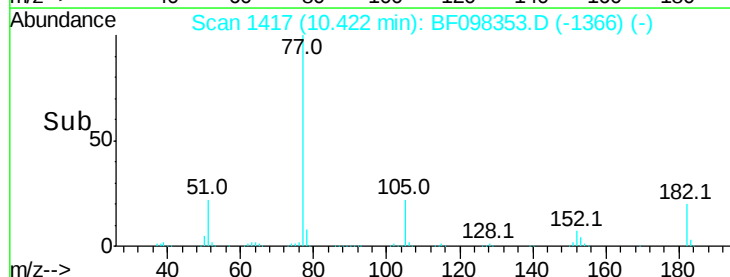
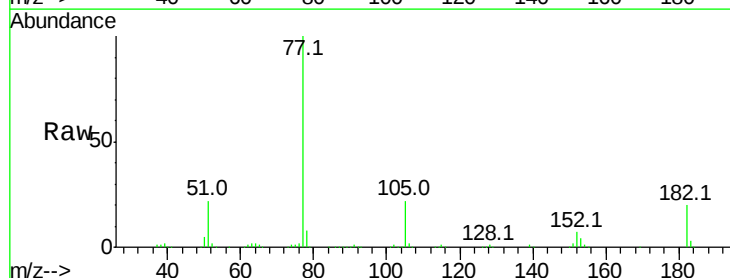
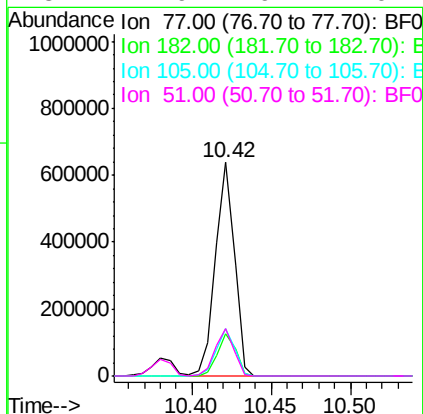
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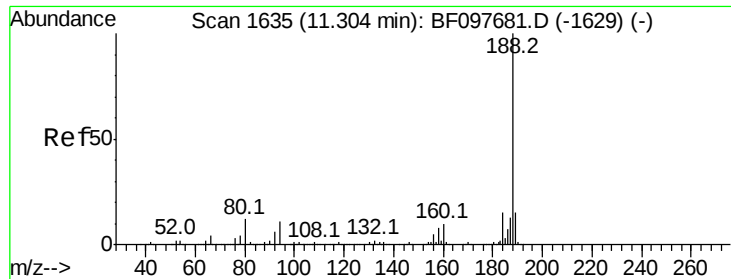
Sohil
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#62
Azobenzene
Concen: 38.005 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	0.1	40.1
105	22.1	3.6	43.6
51	21.9	9.4	49.4





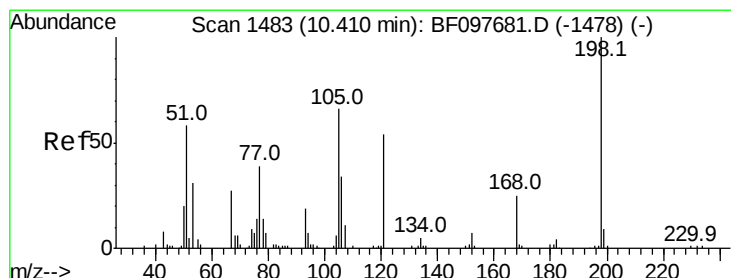
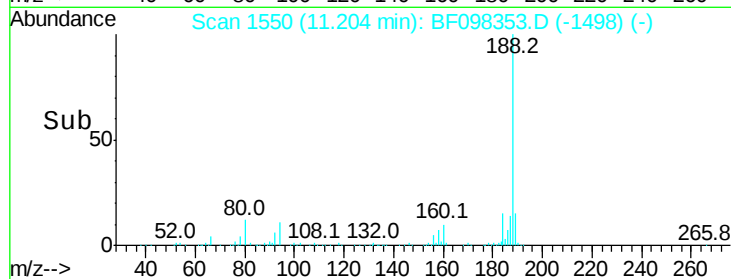
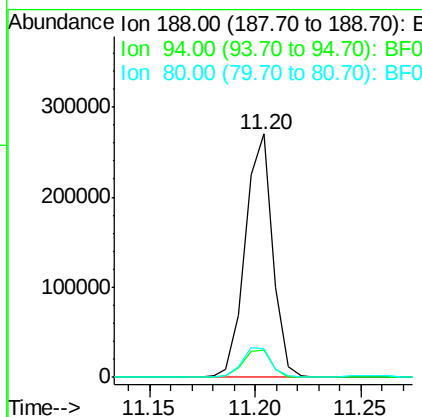
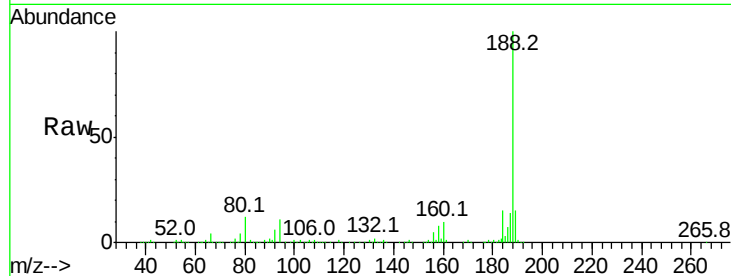
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	242844		
94	11.2		9.4	14.2
80	11.7		10.2	15.2

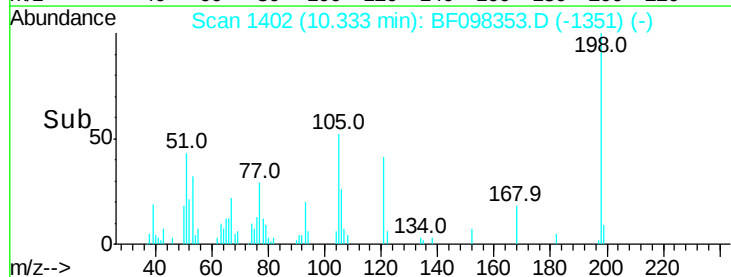
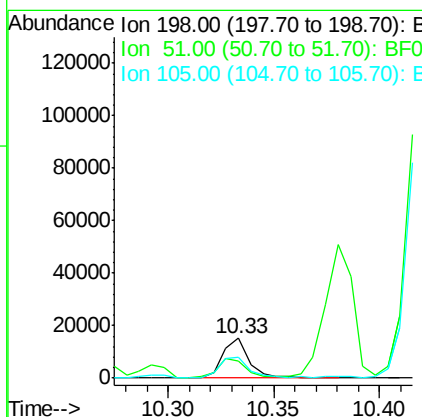
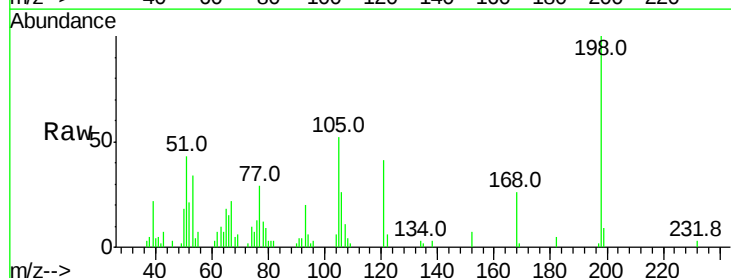
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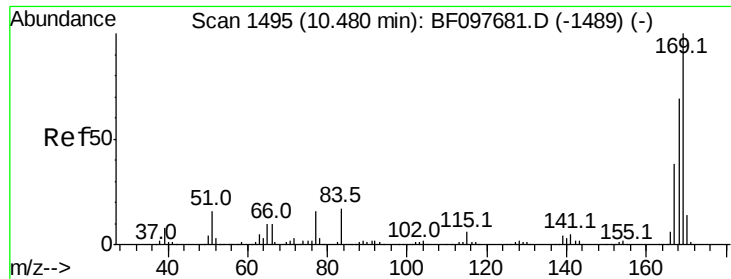
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 18.003 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	13403		
51	43.3		53.2	93.2#
105	52.3		45.8	85.8





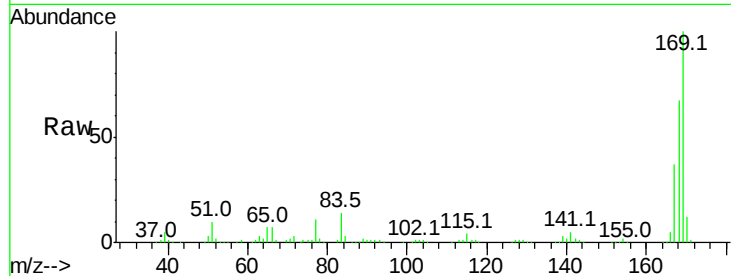
#65
n-Nitrosodiphenylamine
Concen: 45.880 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampled :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	379405		
168	66.7	53.2	79.8	
167	37.1	29.5	44.3	

Manual Integrations
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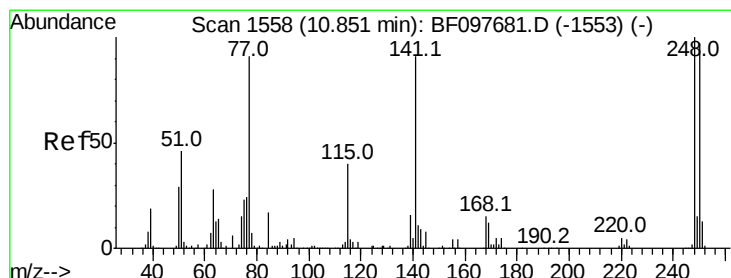
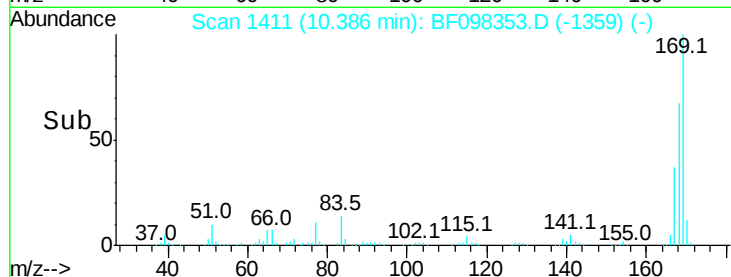
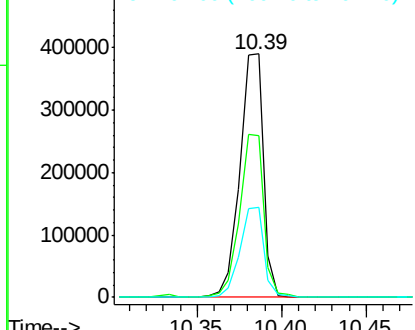


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 46.404 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

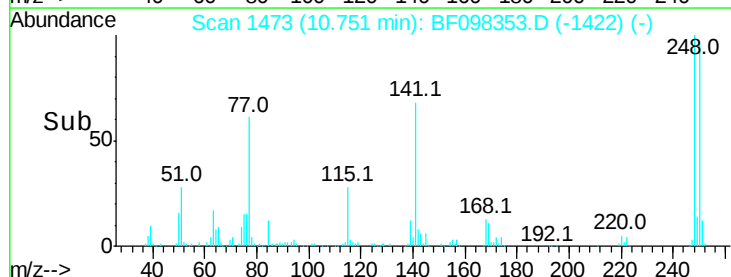
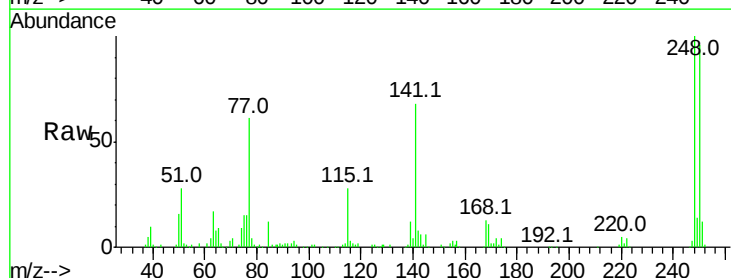
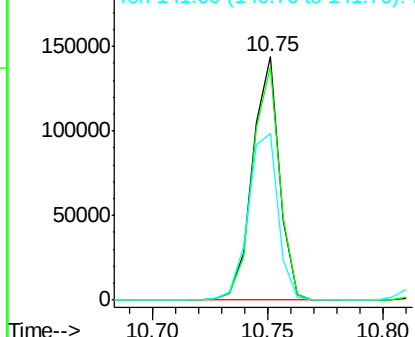
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	117021		
250	95.6	76.8	115.2	
141	68.5	68.6	103.0	

Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





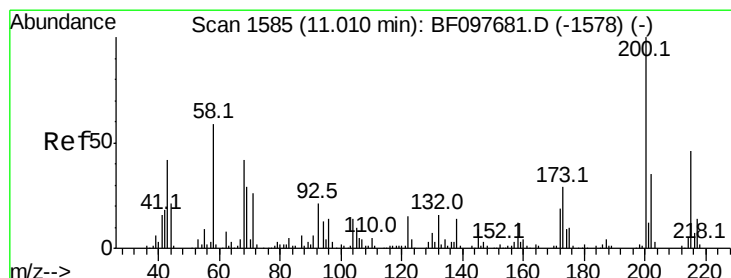
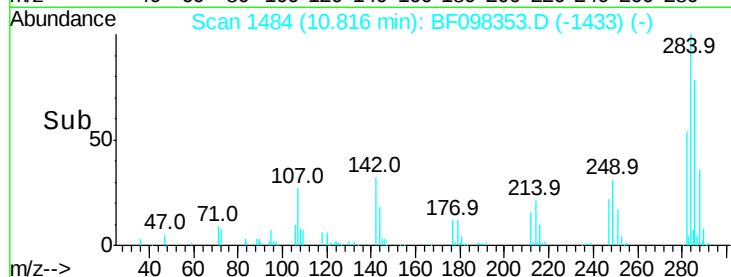
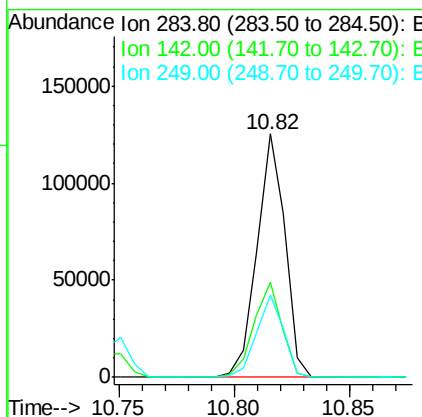
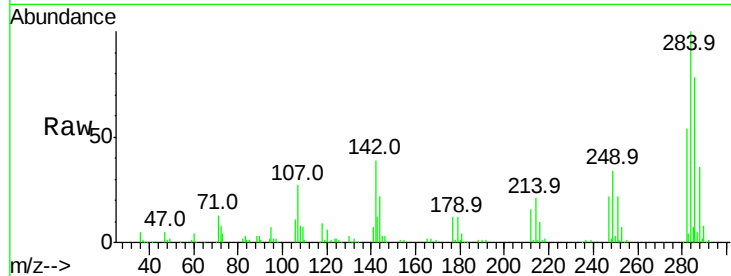
#67
Hexachlorobenzene
Concen: 41.218 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.2	22.8	34.2	
249	34.0	24.0	36.0	

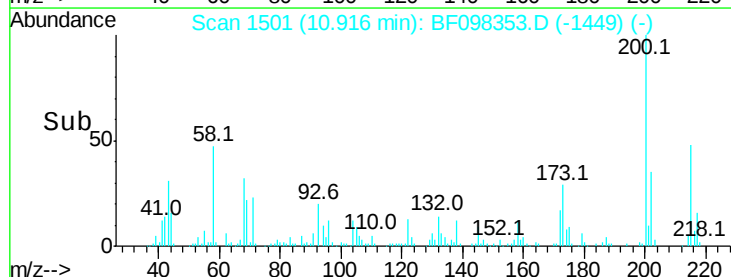
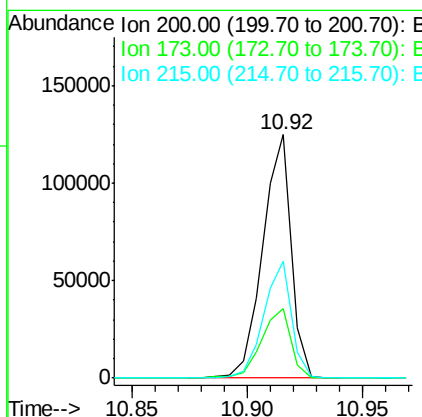
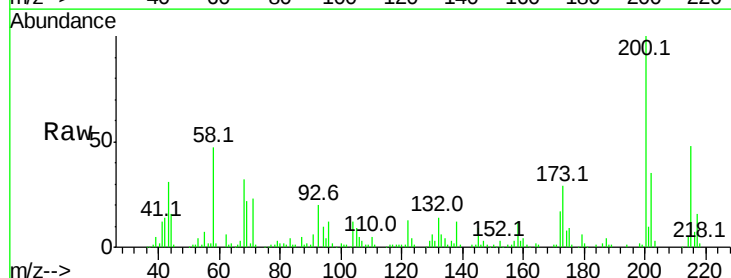
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#68
Atrazine
Concen: 48.809 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.5	6.3	46.3	
215	48.0	27.2	67.2	





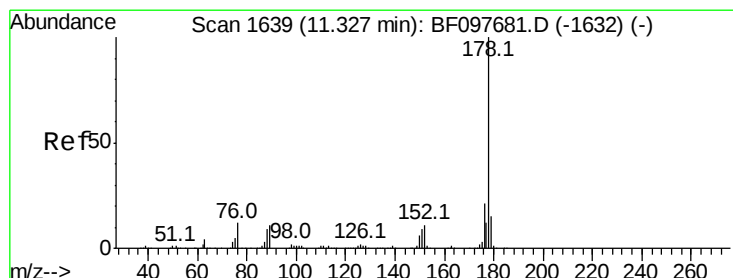
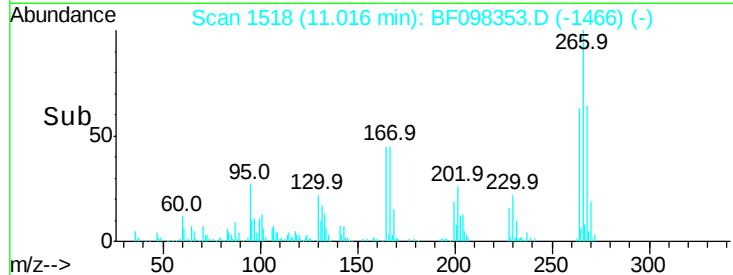
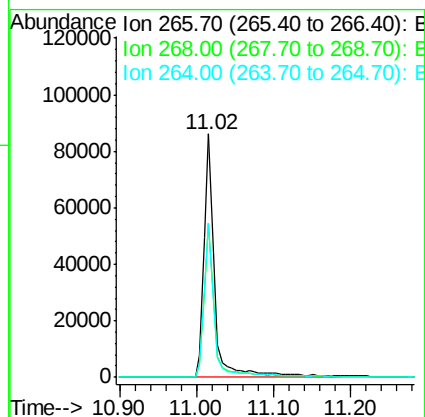
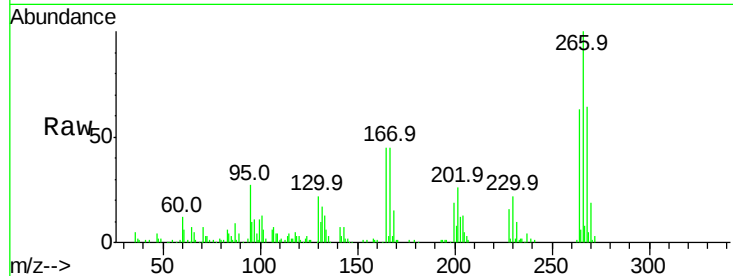
#69
 Pentachlorophenol
 Concen: 56.518 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.5	51.1	76.7	
264	63.4	51.7	77.5	

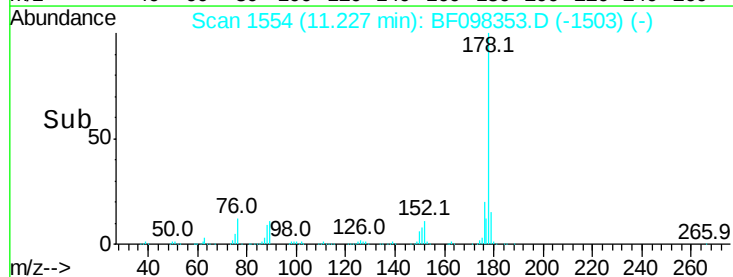
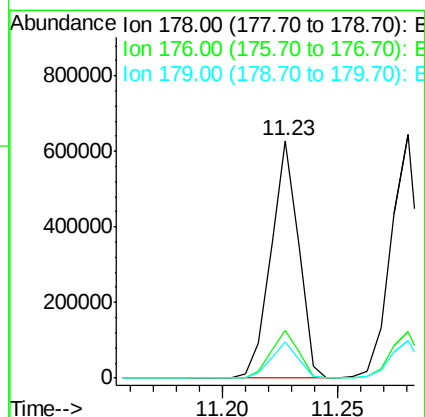
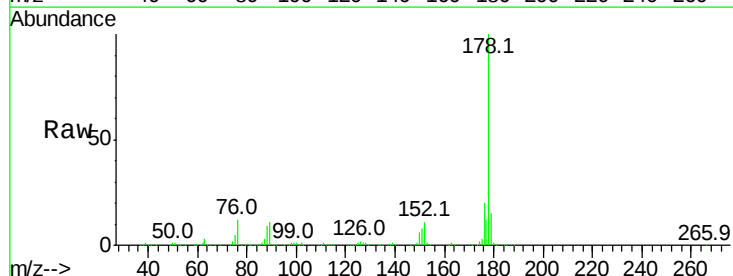
Manual Integrations
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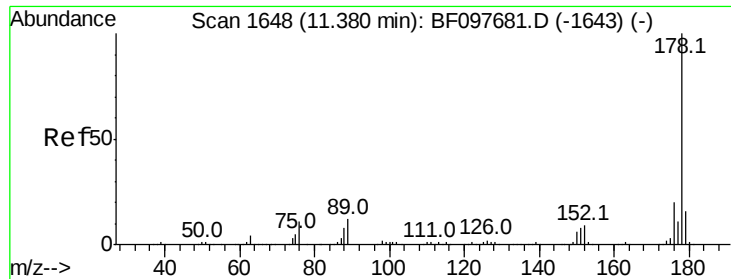
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#70
 Phenanthrene
 Concen: 40.291 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.9	16.2	24.4	
179	15.4	12.6	19.0	





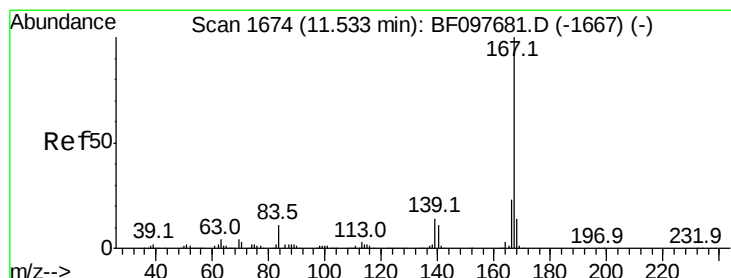
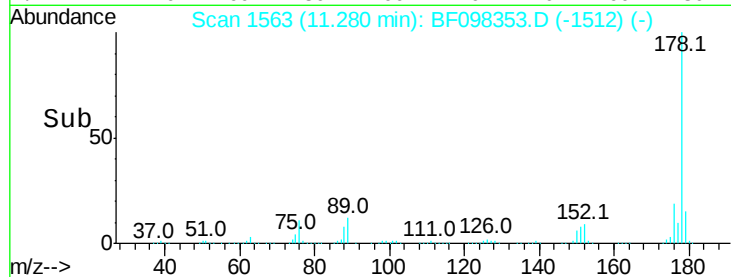
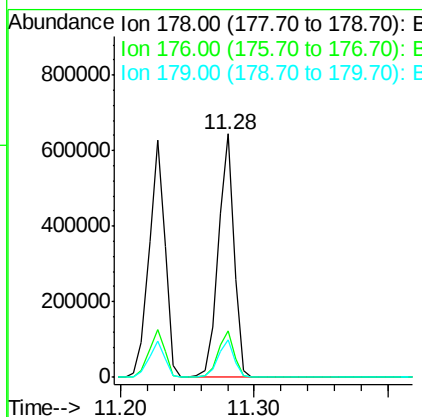
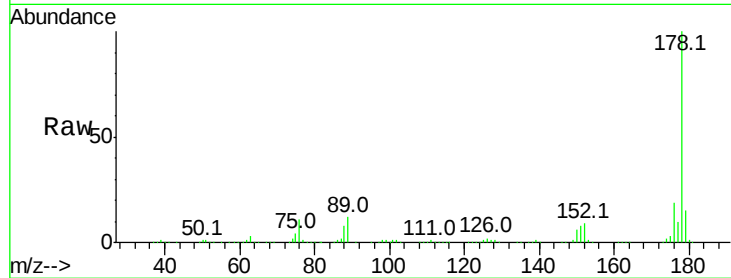
#71
 Anthracene
 Concen: 40.770 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.3	12.7	19.1

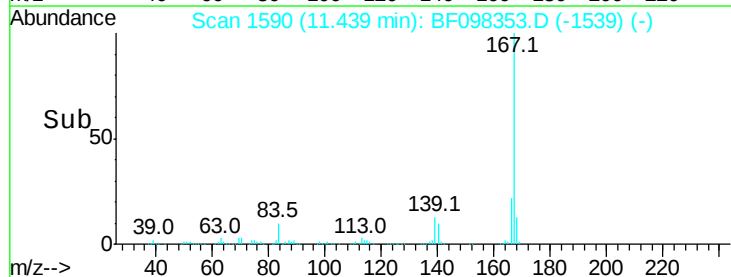
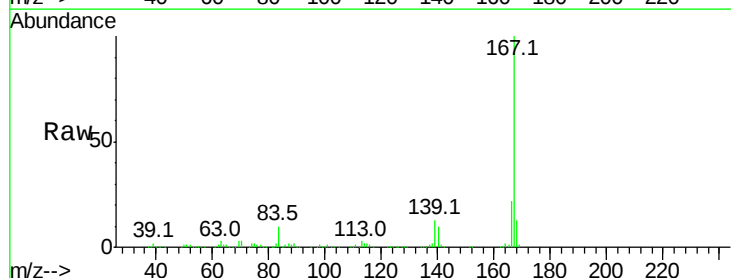
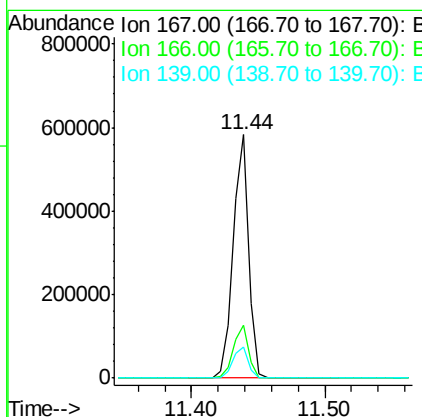
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#72
 Carbazole
 Concen: 38.361 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	12.7	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.956 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

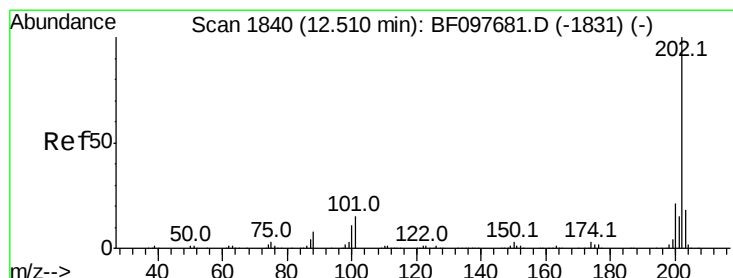
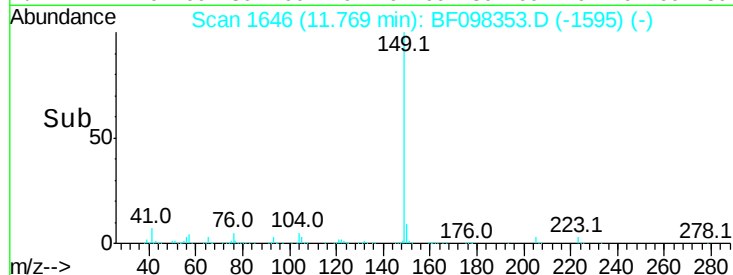
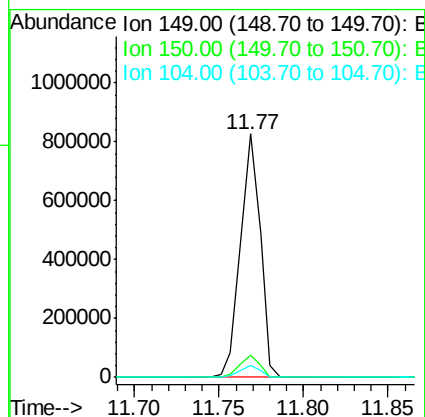
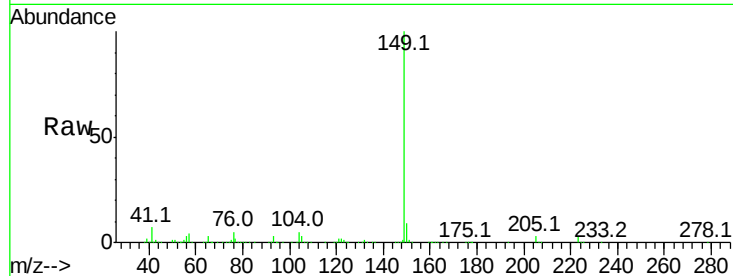
ClientSampleID :

PB102122BS

Tot Ion:	149	Resp:	673838
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.9	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 37.904 ng

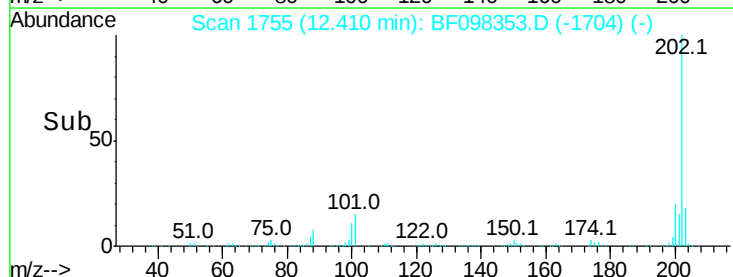
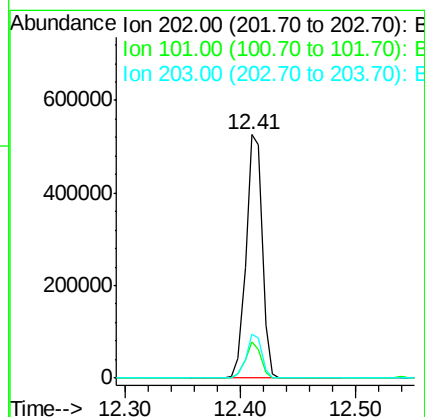
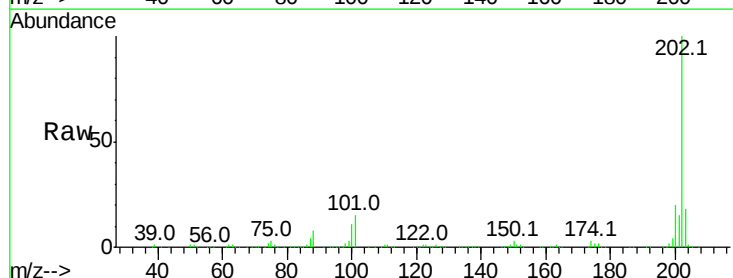
RT: 12.41 min Scan# 1755

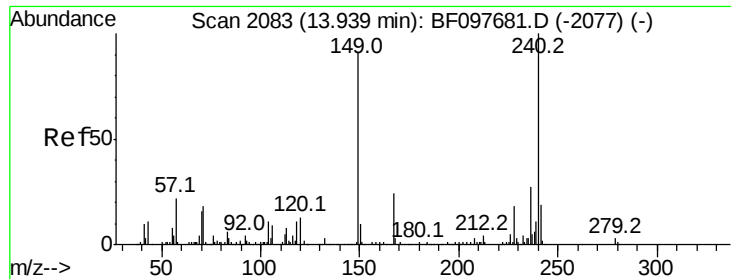
Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion:	202	Resp:	511962
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	33.2
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

Tot Ion:240 Resp: 194908

Ion Ratio Lower Upper

240 100

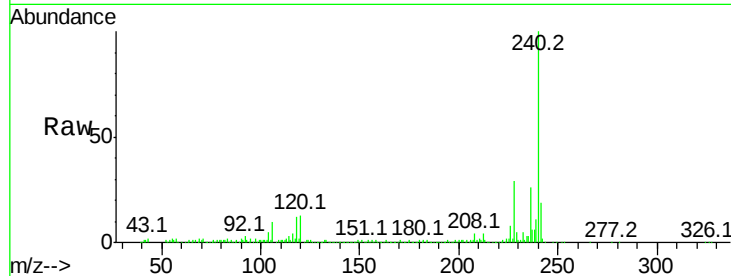
120 13.4 5.8 8.8#

236 26.1 20.5 30.7

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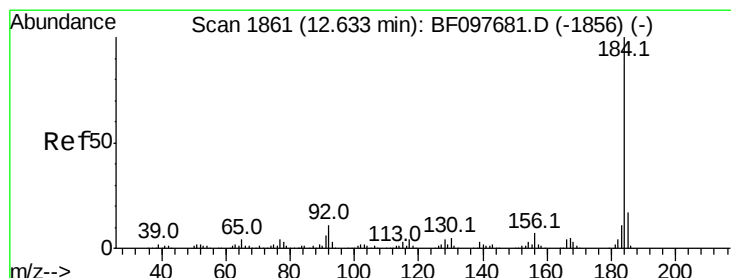
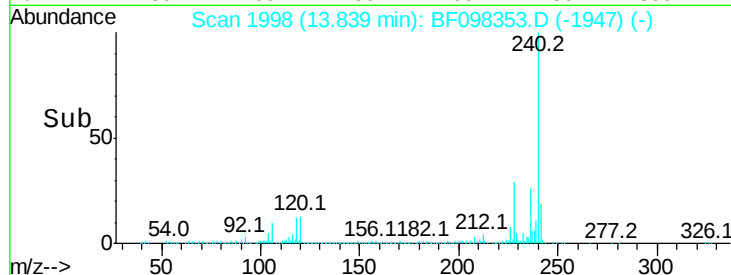
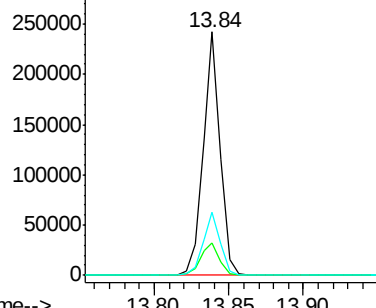
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.685 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion:184 Resp: 362252

Ion Ratio Lower Upper

184 100

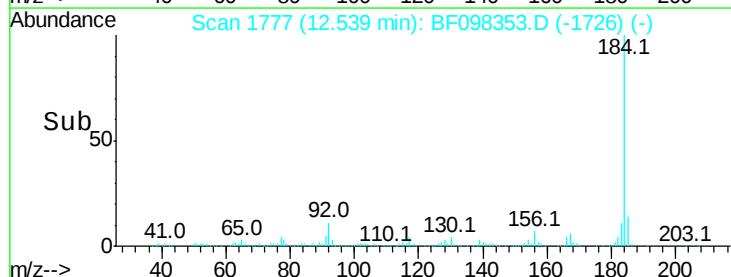
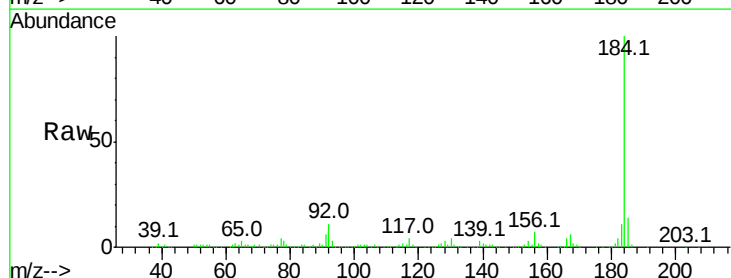
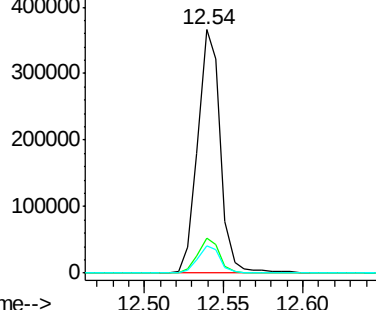
185 14.4 15.5 23.3#

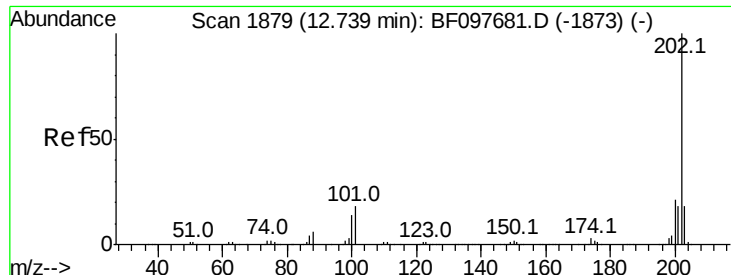
183 11.2 9.8 14.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





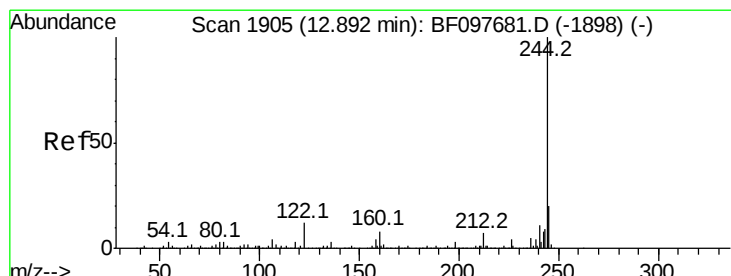
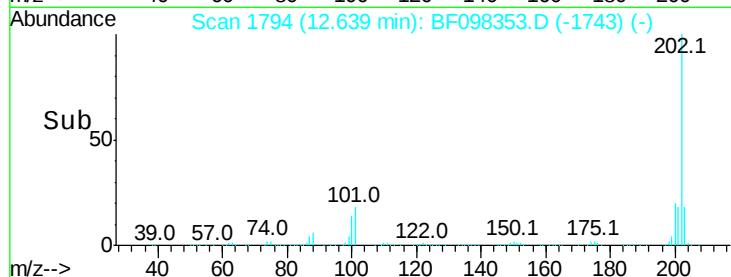
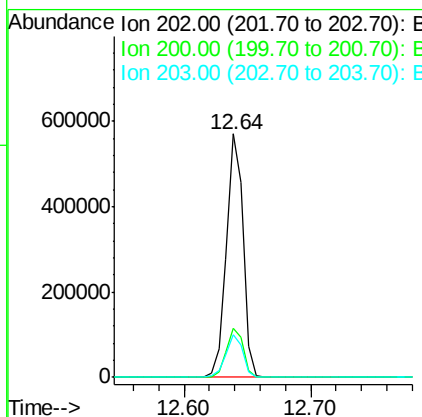
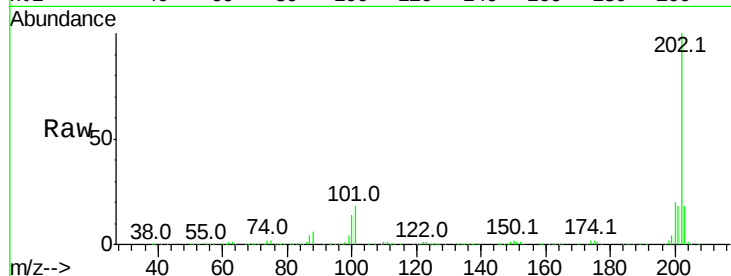
#77
Pvrene
Concen: 32.468 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	17.6	26.4
203	17.7	14.4	21.6

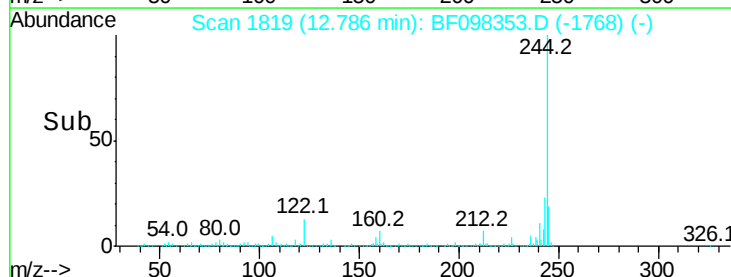
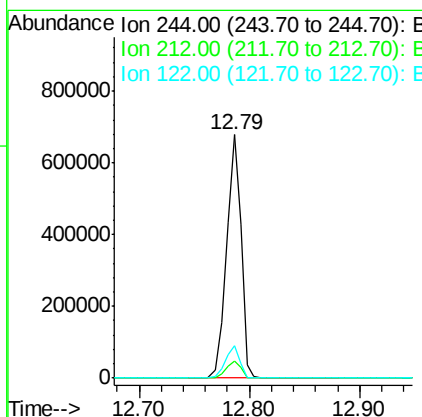
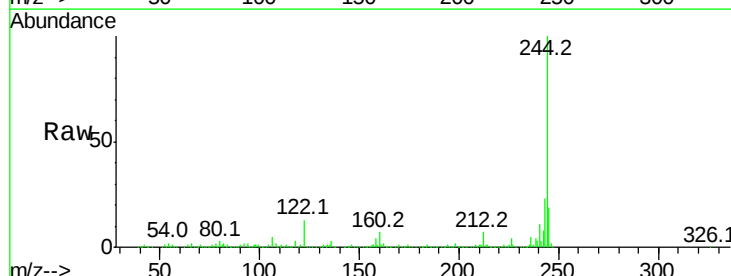
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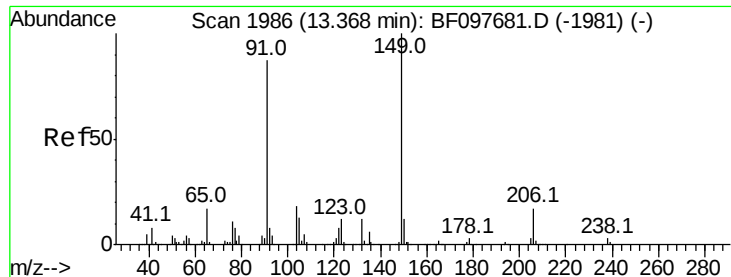
Sohil
9/11/2017 4:47:35 PM



#78
Terphenyl-d14
Concen: 66.660 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.1	10.3	15.5





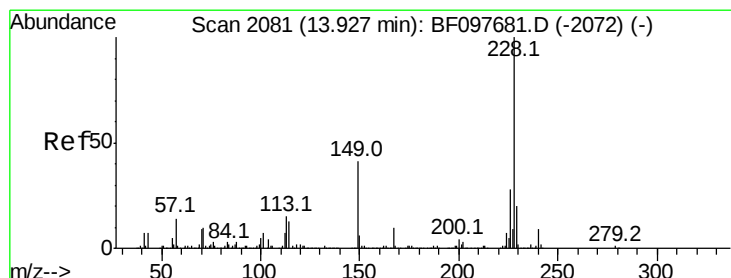
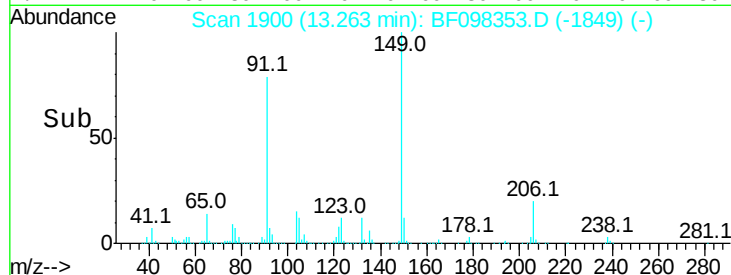
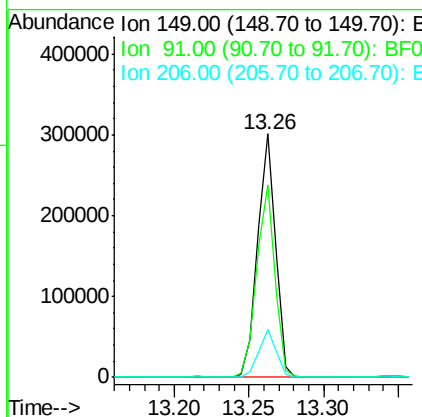
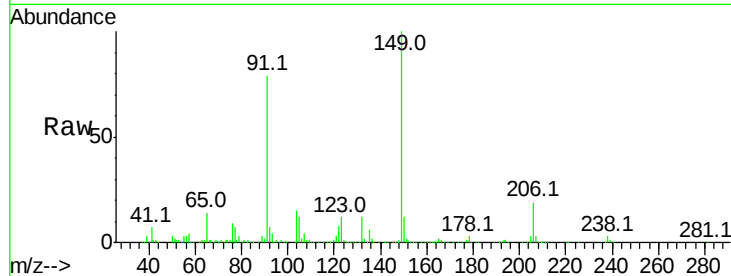
#79
Butylbenzylphthalate
Concen: 40.384 ng
RT: 13.26 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	79.0	45.0	67.4#
206	19.5	17.0	25.6

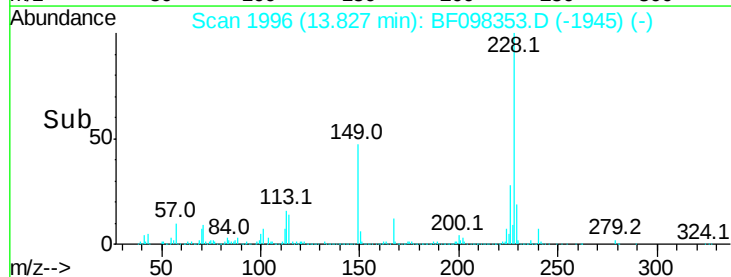
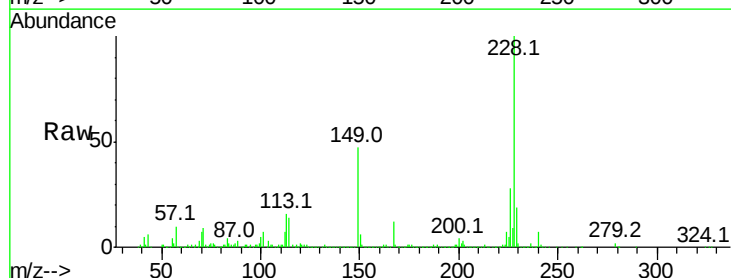
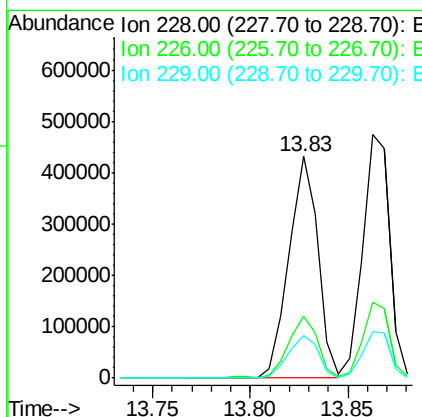
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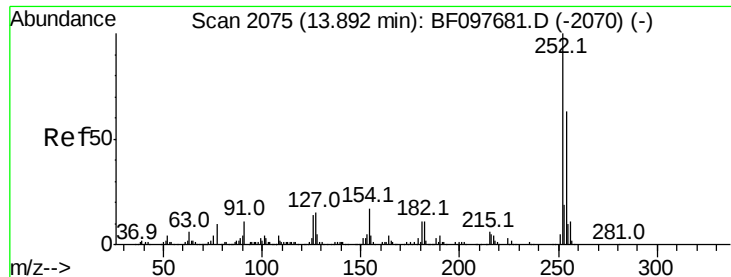
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#80
Benzo(a)anthracene
Concen: 38.004 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.3	16.3	24.5





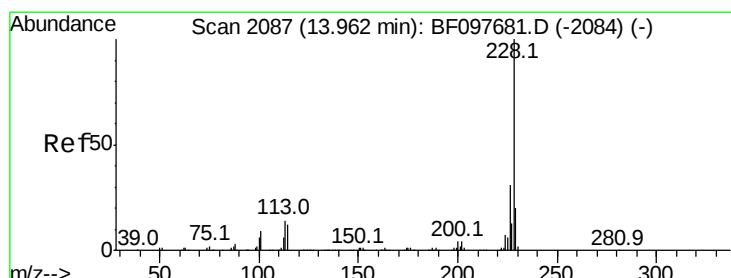
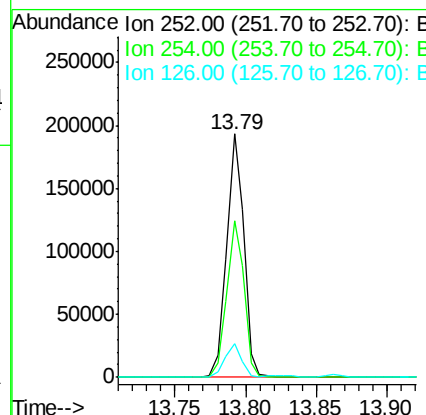
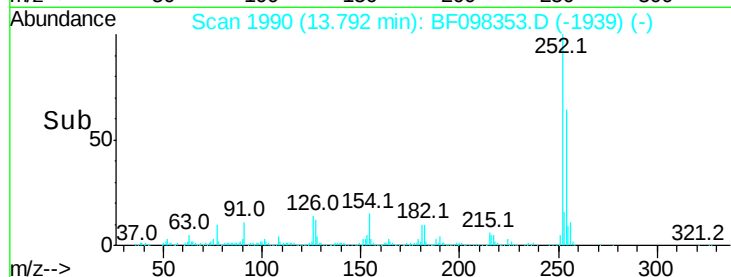
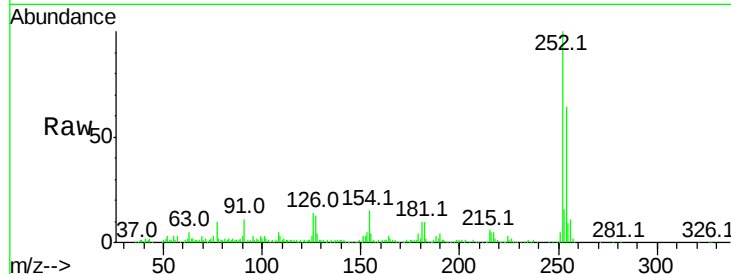
#81
 3,3'-Dichlorobenzidine
 Concen: 41.688 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	164328		
254	64.5	51.5	77.3	
126	13.9	15.8	23.8	

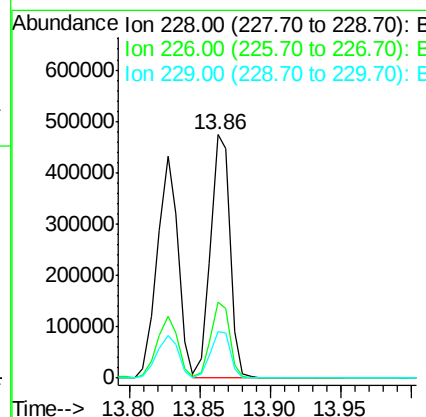
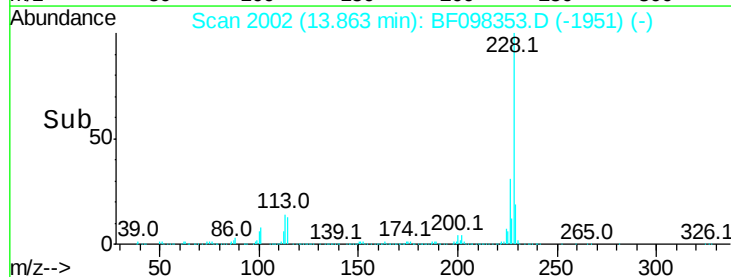
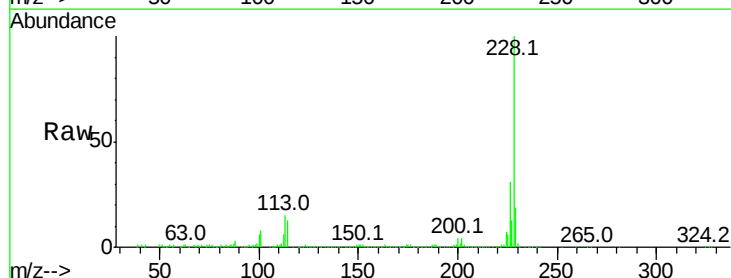
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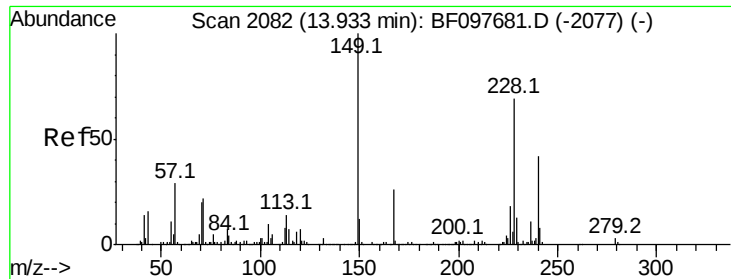
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#82
 Chrysene
 Concen: 38.994 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	453128		
226	31.2	24.9	37.3	
229	19.2	15.8	23.6	





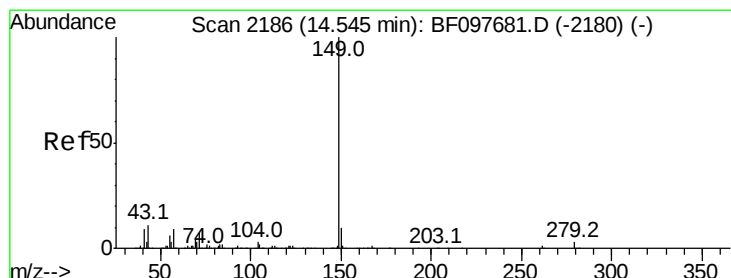
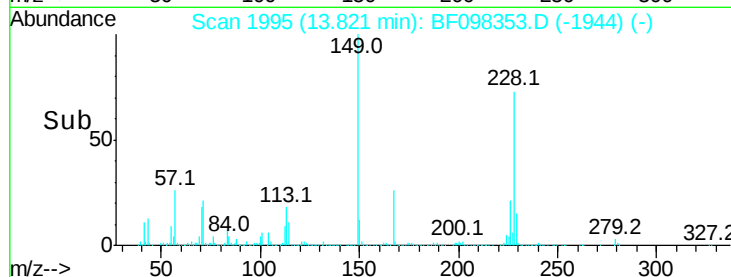
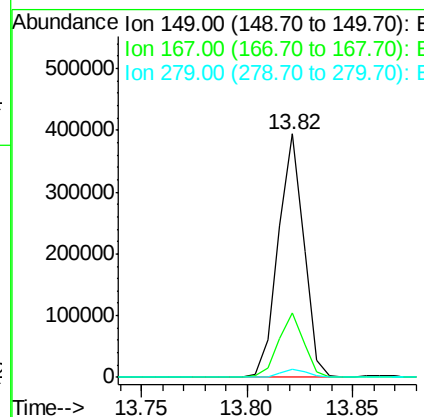
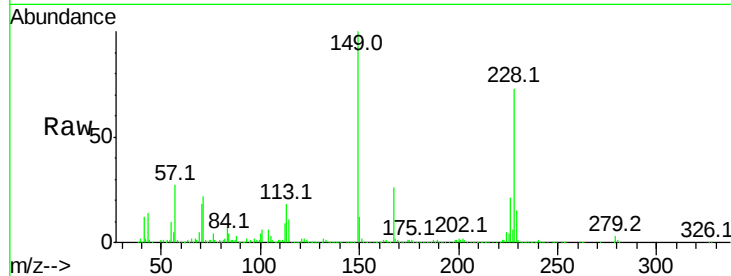
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.842 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleID :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.3	21.0	31.4	
279	3.2	1.9	2.9#	

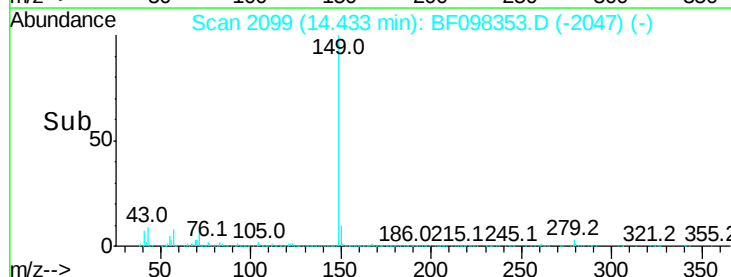
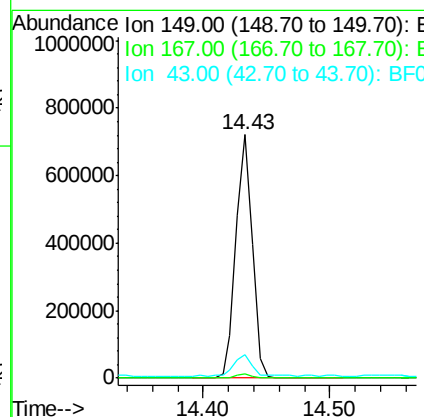
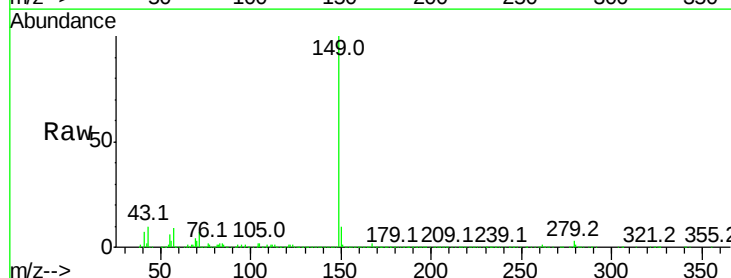
Manual Integrations
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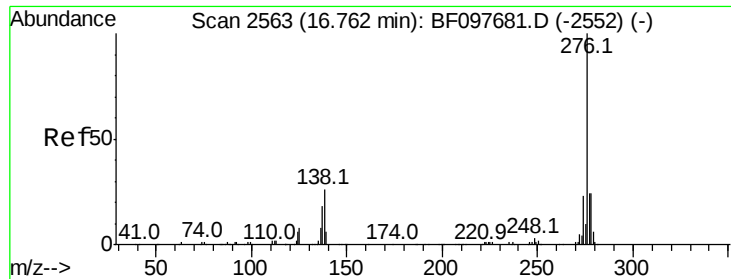
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#84
 Di-n-octyl phthalate
 Concen: 53.994 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.0	8.5	12.7	





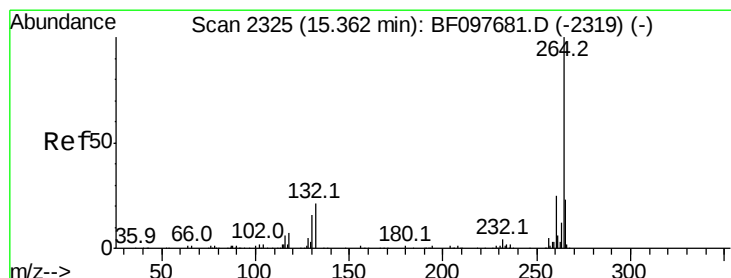
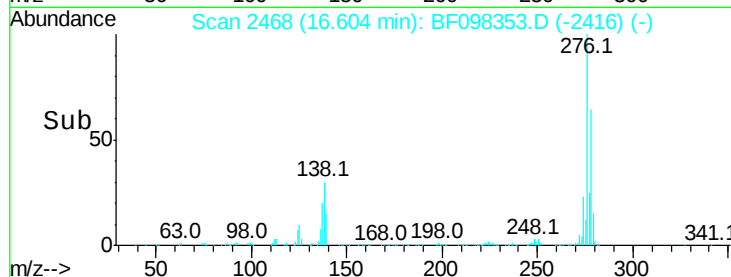
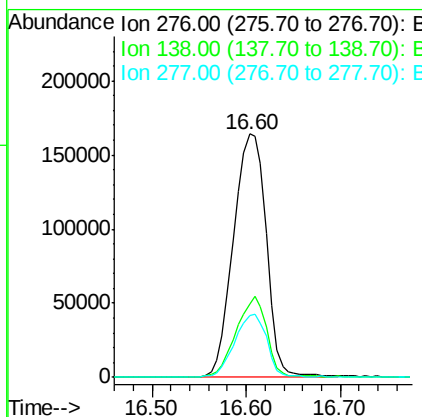
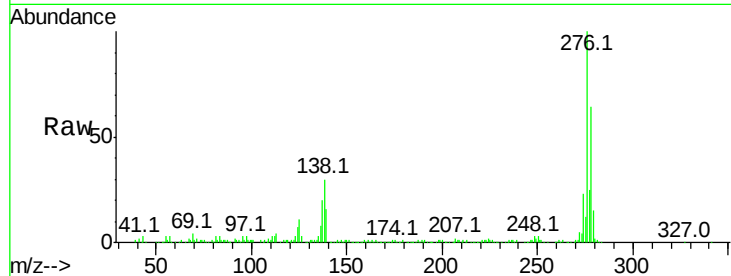
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.636 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	27.8	41.6
277	25.4	20.2	30.4

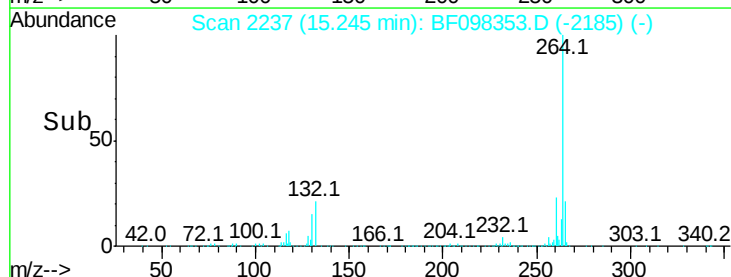
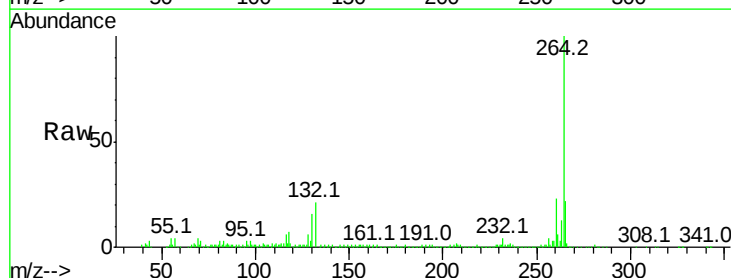
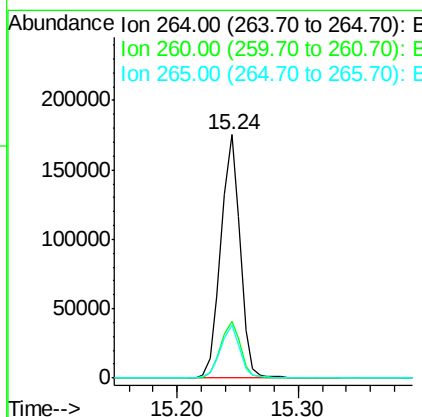
Manual Integrations
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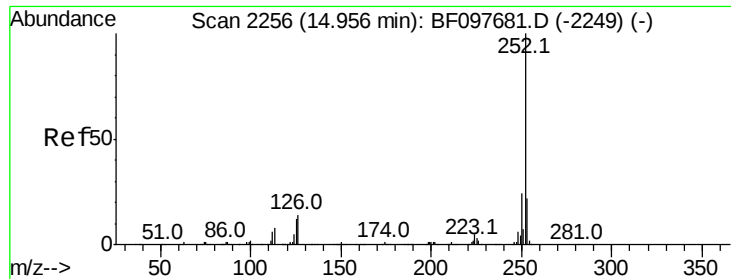
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.7	17.2	25.8





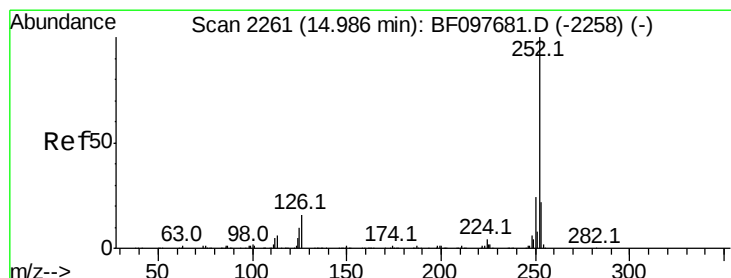
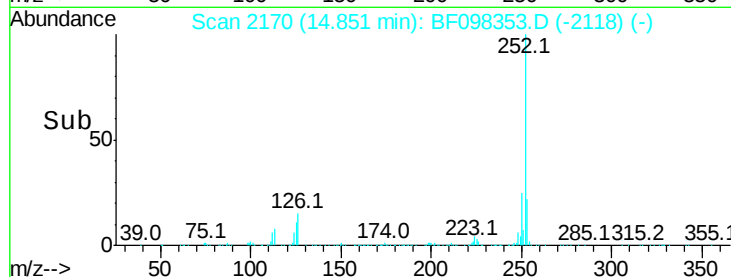
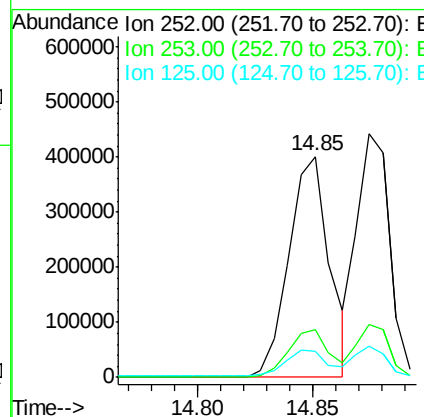
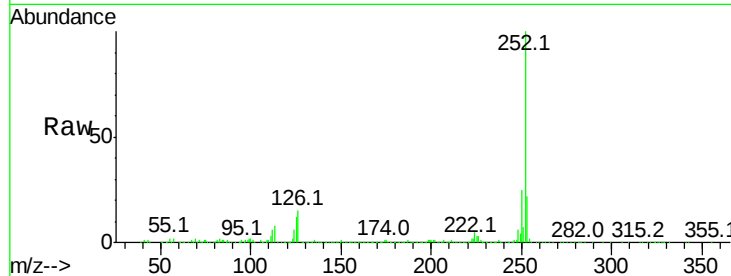
#87
Benzo(b)fluoranthene
Concen: 39.835 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	488729		
253	21.7		18.1	27.1
125	11.9		9.8	14.8

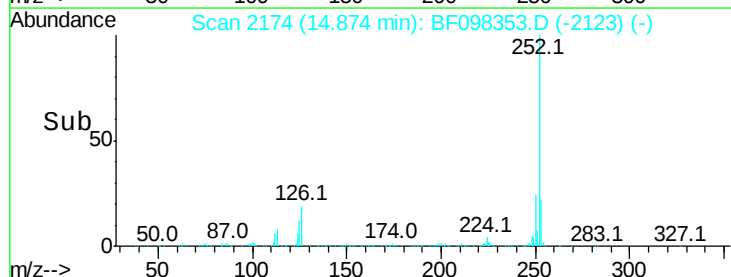
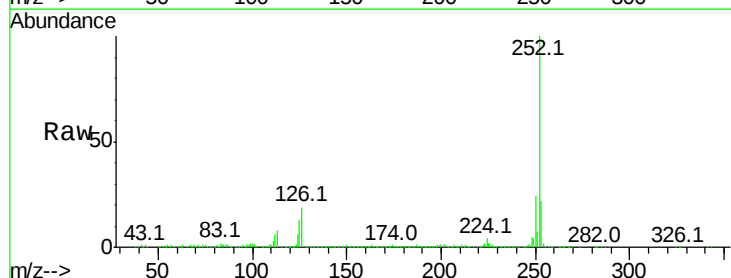
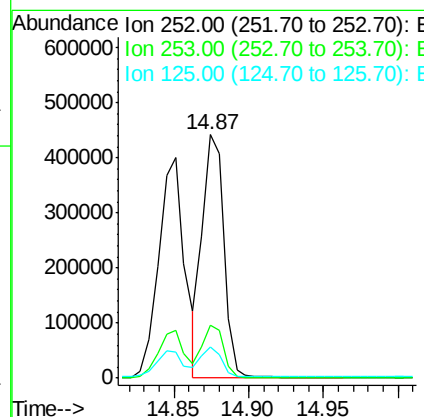
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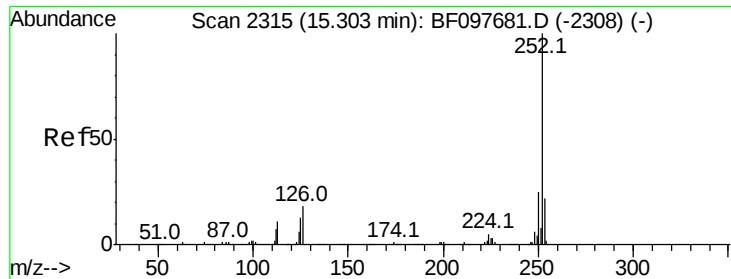
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#88
Benzo(k)fluoranthene
Concen: 37.995 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	437948		
253	21.7		18.4	27.6
125	12.7		13.1	19.7#





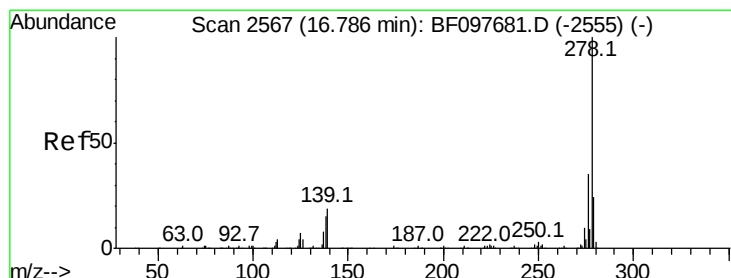
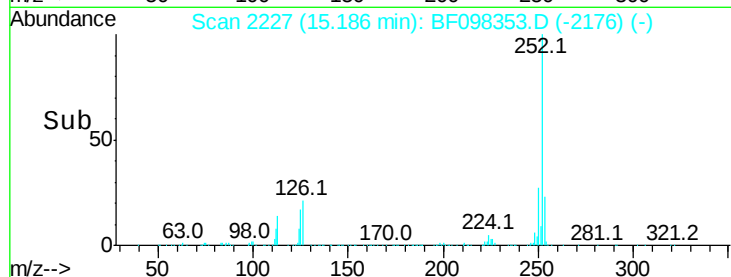
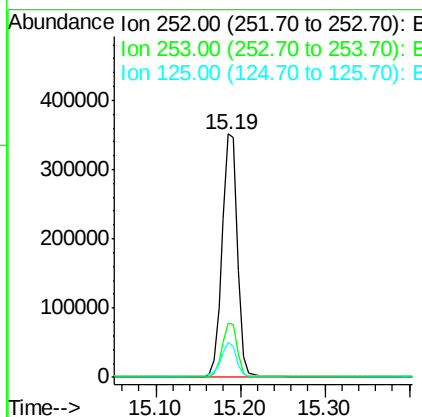
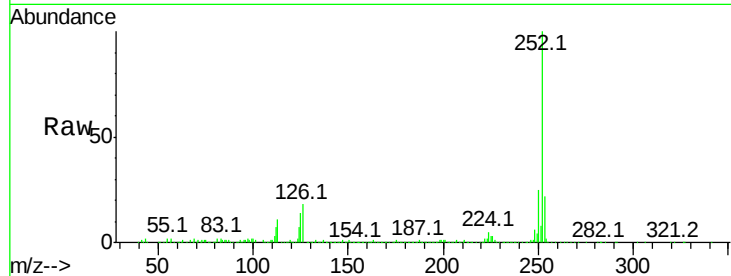
#89
Benzo(a)pyrene
Concen: 41.330 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.4	11.0	16.4

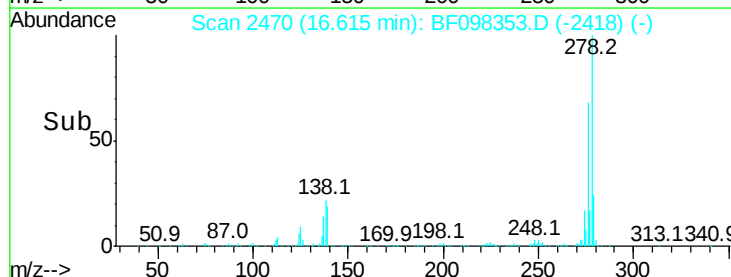
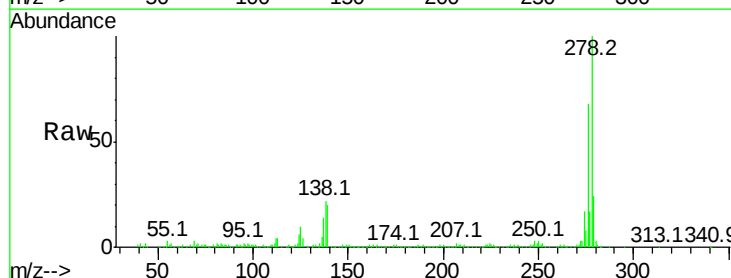
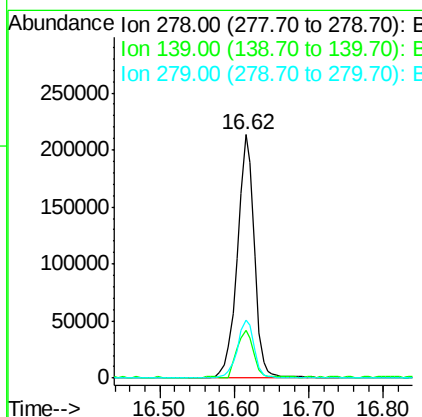
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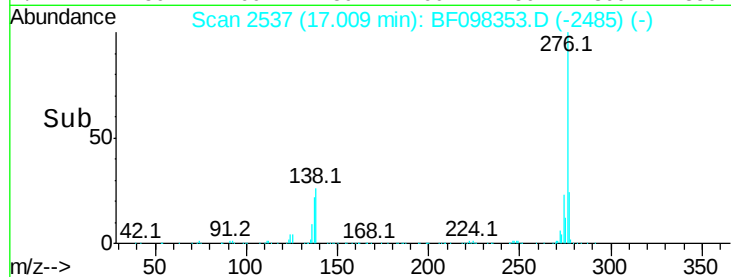
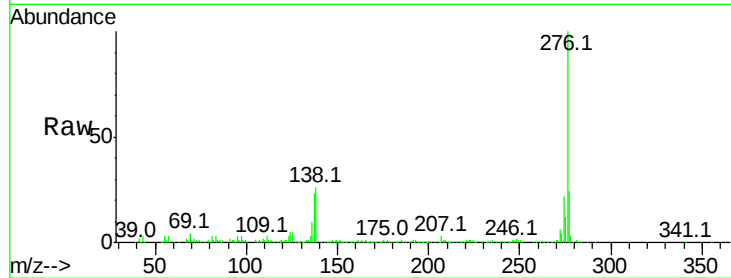
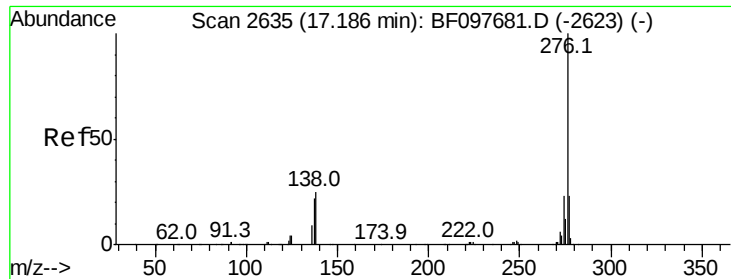
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#90
Dibenzo(a,h)anthracene
Concen: 38.342 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.6	24.8
279	23.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 34.214 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

Tot Ion:	276	Resp:	315669
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.6	28.0
138	26.3	25.4	38.0

Manual Integrations
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