

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095776.D
 Acq On : 8 Jun 2017 11:16
 Operator : SJ/MA
 Sample : PB99561BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99561BS

Manual Integrations
 APPROVED

mohammad
 6/9/2017 12:08:18 PM

Quant Time: Jun 08 11:52:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 11:19:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	62562	20.00	ng	0.00
21) Naphthalene-d8	9.40	136	257552	20.00	ng	0.00
38) Acenaphthene-d10	12.23	164	119590	20.00	ng	0.00
63) Phenanthrene-d10	14.62	188	220147	20.00	ng	0.00
75) Chrysene-d12	18.34	240	171995	20.00	ng	0.00
86) Perylene-d12	20.00	264	129748	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	513190	130.71	ng	0.02
7) Phenol-d6	6.94	99	610712	129.93	ng	0.00
23) Nitrobenzene-d5	8.29	82	353437	85.23	ng	0.00
41) 2,4,6-Tribromophenol	13.53	330	133429	126.10	ng	0.00
44) 2-Fluorobiphenyl	11.19	172	729573	84.89	ng	0.00
78) Terphenyl-d14	17.00	244	633951	91.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	62816	33.63	ng	94
3) Pyridine	2.32	79	152780	34.80	ng	96
4) n-Nitrosodimethylamine	2.28	42	70386	42.18	ng	# 77
6) Aniline	6.86	93	149567	24.32	ng	95
8) 2-Chlorophenol	7.05	128	186454	44.66	ng	95
9) Benzaldehyde	6.67	77	81203	25.61	ng	97
10) Phenol	6.95	94	226541	46.46	ng	90
11) bis(2-Chloroethyl)ether	7.01	93	163636	42.36	ng	97
12) 1,3-Dichlorobenzene	7.27	146	192481	40.74	ng	99
13) 1,4-Dichlorobenzene	7.39	146	195821	40.87	ng	97
14) 1,2-Dichlorobenzene	7.63	146	185312	41.95	ng	94
15) Benzyl Alcohol	7.67	79	148479	46.02	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	228064	42.03	ng	95
17) 2-Methylphenol	7.90	107	154389	44.07	ng	95
18) Hexachloroethane	8.15	117	65647	41.48	ng	# 87
19) n-Nitroso-di-n-propylamine	8.10	70	127879	42.93	ng	95
20) 3+4-Methylphenols	8.16	107	204047	45.88	ng	# 58
22) Acetophenone	8.06	105	257728	42.75	ng	# 83
24) Nitrobenzene	8.32	77	180008	40.63	ng	92
25) Isophorone	8.72	82	327174	42.25	ng	97
26) 2-Nitrophenol	8.83	139	102131	44.03	ng	98
27) 2,4-Dimethylphenol	8.98	122	166676	46.30	ng	98
28) bis(2-Chloroethoxy)methane	9.10	93	211933	41.52	ng	100
29) 2,4-Dichlorophenol	9.25	162	158528	45.72	ng	98
30) 1,2,4-Trichlorobenzene	9.33	180	151078	41.88	ng	98
31) Naphthalene	9.43	128	531857	41.15	ng	98
32) Benzoic acid	9.32	122	91189	41.33	ng	86
33) 4-Chloroaniline	9.59	127	105399	20.86	ng	93
34) Hexachlorobutadiene	9.66	225	76529	41.05	ng	97
35) Caprolactam	10.22	113	51164m	49.59	ng	
36) 4-Chloro-3-methylphenol	10.46	107	165696	45.65	ng	91
37) 2-Methylnaphthalene	10.56	142	367153	42.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	145320	40.60	ng	99
40) Hexachlorocyclopentadiene	10.82	237	93774	83.08	ng	99

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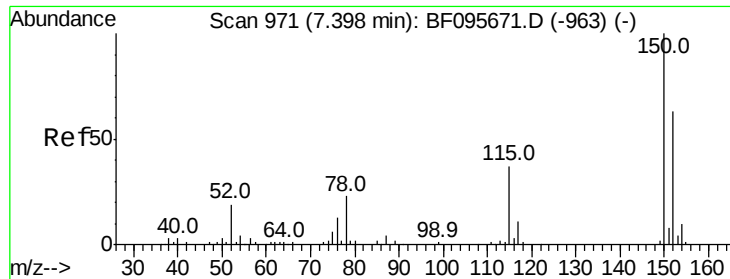
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	103948	45.17	nq	97
43) 2,4,5-Trichlorophenol	11.16	196	103539	42.30	nq	# 91
45) 1,1'-Biphenyl	11.33	154	418600	42.47	nq	96
46) 2-Chloronaphthalene	11.35	162	323663	42.03	nq	96
47) 2-Nitroaniline	11.56	65	95406	42.33	nq	# 78
48) Acenaphthylene	12.00	152	523277	39.74	nq	98
49) Dimethylphthalate	11.89	163	393982	43.39	nq	98
50) 2,6-Dinitrotoluene	11.98	165	85247	43.04	nq	# 85
51) Acenaphthene	12.28	154	310088	40.77	nq	99
52) 3-Nitroaniline	12.24	138	60161	26.07	nq	92
53) 2,4-Dinitrophenol	12.46	184	80943	72.81	nq	# 63
54) Dibenzofuran	12.57	168	476926	44.55	nq	98
55) 4-Nitrophenol	12.64	139	108677	80.63	nq	# 75
56) 2,4-Dinitrotoluene	12.65	165	115888	43.32	nq	# 89
57) Fluorene	13.12	166	379349	40.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	81933	48.92	nq	# 89
59) Diethylphthalate	13.04	149	380077	43.49	nq	99
60) 4-Chlorophenyl-phenylether	13.15	204	169903	41.94	nq	88
61) 4-Nitroaniline	13.24	138	89064	41.34	nq	96
62) Azobenzene	13.40	77	348722	44.03	nq	94
64) 4,6-Dinitro-2-methylphenol	13.32	198	56254	38.88	nq	# 70
65) n-Nitrosodiphenylamine	13.36	169	331115	41.86	nq	100
66) 4-Bromophenyl-phenylether	13.93	248	97007	42.40	nq	99
67) Hexachlorobenzene	14.02	284	96119	42.63	nq	# 91
68) Atrazine	14.29	200	96772	43.96	nq	93
69) Pentachlorophenol	14.37	266	66378	77.84	nq	95
70) Phenanthrene	14.66	178	540112	42.52	nq	98
71) Anthracene	14.74	178	554885	41.84	nq	98
72) Carbazole	15.04	167	506293	39.18	nq	98
73) Di-n-butylphthalate	15.63	149	614953	44.73	nq	98
74) Fluoranthene	16.44	202	545606	43.40	nq	98
76) Benzidine	16.66	184	133355	20.19	nq	# 93
77) Pyrene	16.74	202	555920	43.32	nq	99
79) Butylbenzylphthalate	17.66	149	253514	45.23	nq	88
80) Benzo(a)anthracene	18.33	228	433108	43.31	nq	98
81) 3,3'-Dichlorobenzidine	18.31	252	102254	28.76	nq	# 97
82) Chrysene	18.37	228	414446	41.47	nq	98
83) Bis(2-ethylhexyl)phthalate	18.42	149	354629	44.85	nq	# 100
84) Di-n-octyl phthalate	19.19	149	552910	42.44	nq	95
85) Indeno(1,2,3-cd)pyrene	21.17	276	327914	38.35	nq	100
87) Benzo(b)fluoranthene	19.60	252	350238	43.11	nq	98
88) Benzo(k)fluoranthene	19.63	252	342502	44.10	nq	# 94
89) Benzo(a)pyrene	19.94	252	320551	42.93	nq	99
90) Dibenzo(a,h)anthracene	21.17	278	270750	42.74	nq	97
91) Benzo(g,h,i)perylene	21.50	276	283005	43.82	nq	96

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



#1

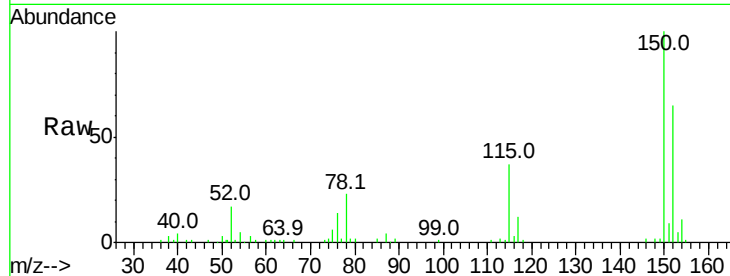
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleID :
PB99561BS

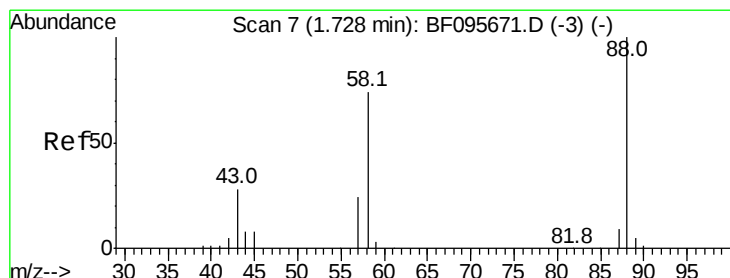
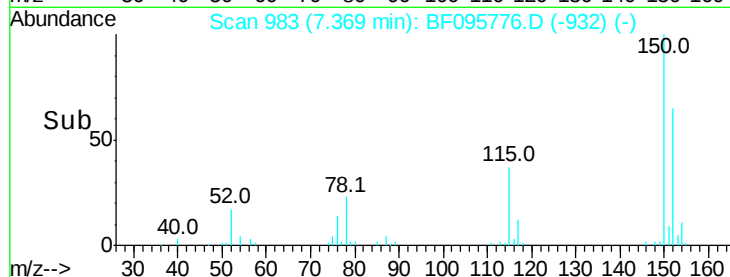
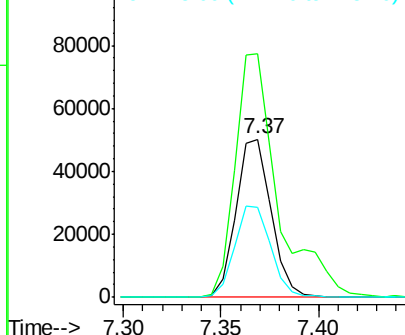
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	57.3	52.2	78.2

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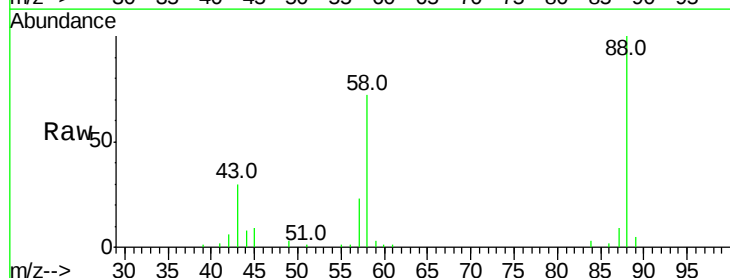
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



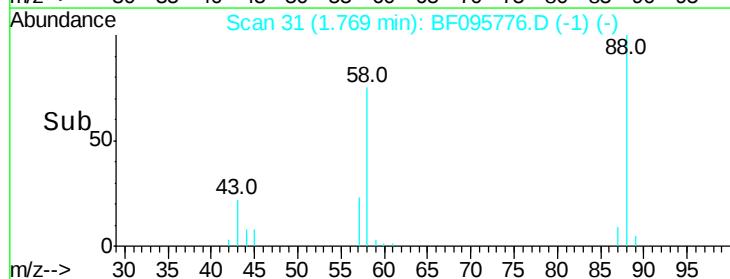
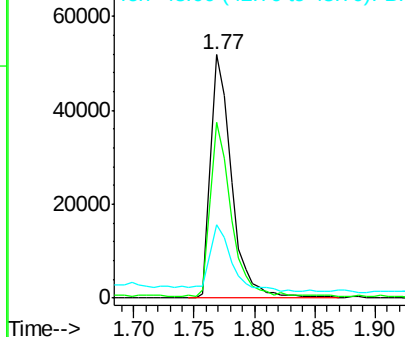
#2

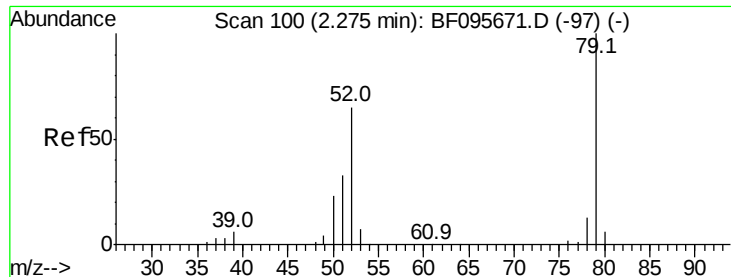
1,4-Dioxane
Concen: 33.63 ng
RT: 1.77 min Scan# 31
Delta R.T. 0.08 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	61.4	92.0
43	27.9	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: 34.80 ng

RT: 2.32 min Scan# 124

Delta R.T. 0.08 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

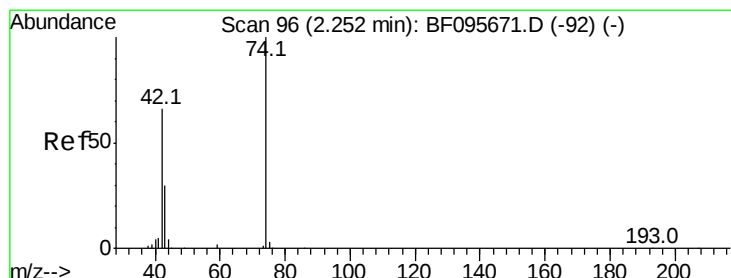
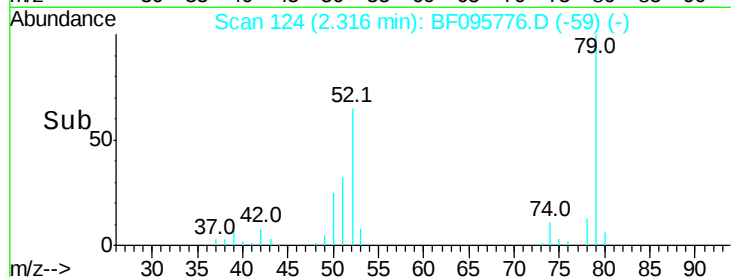
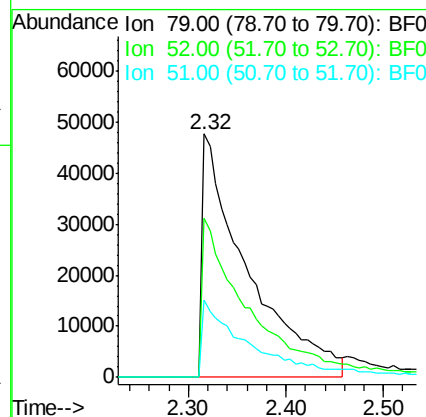
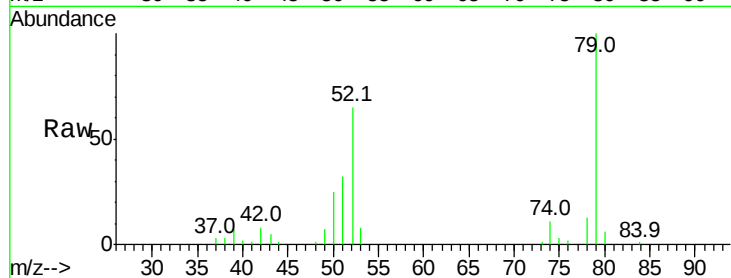
ClientSampleId :

PB99561BS

Tot Ion:	79	Resp:	152780
Ion Ratio	Lower	Upper	
79	100		
52	65.3	54.8	82.2
51	31.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 42.18 ng

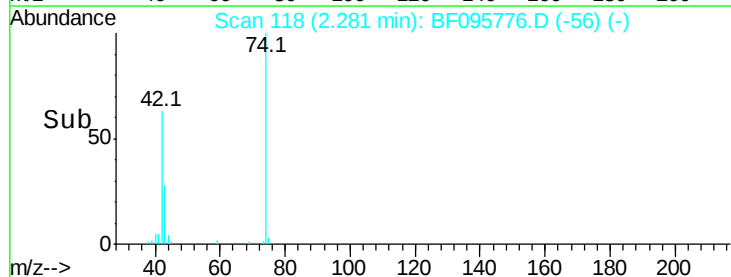
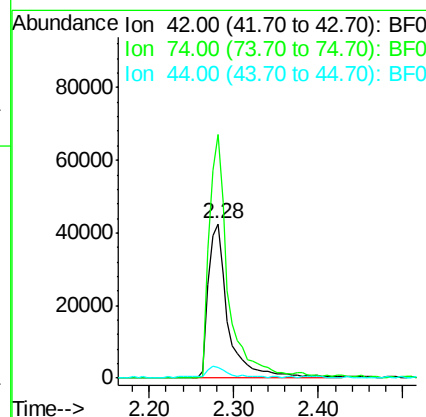
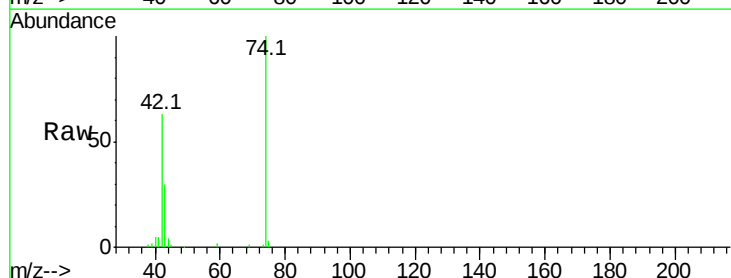
RT: 2.28 min Scan# 118

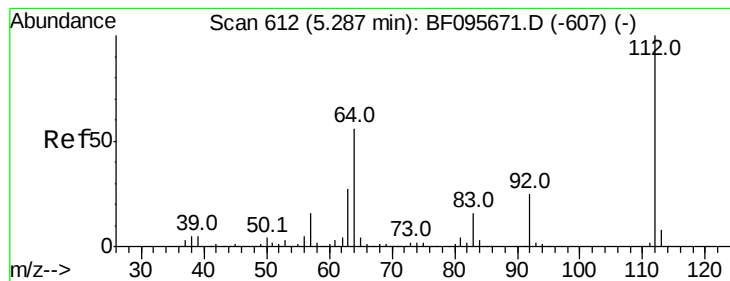
Delta R.T. 0.06 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:	42	Resp:	70386
Ion Ratio	Lower	Upper	
42	100		
74	157.9	103.9	155.9#
44	7.1	5.7	8.5





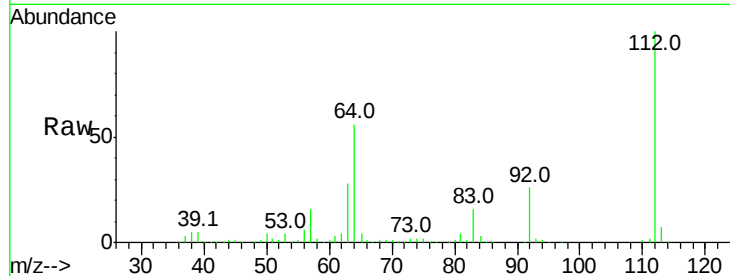
#5
2-Fluorophenol
Concen: 130.71 ng
RT: 5.27 min Scan# 627
Delta R.T. 0.02 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	56.2	46.0	69.0
63	27.9	23.4	35.0

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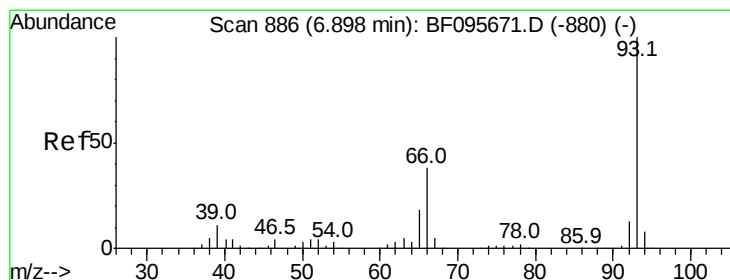
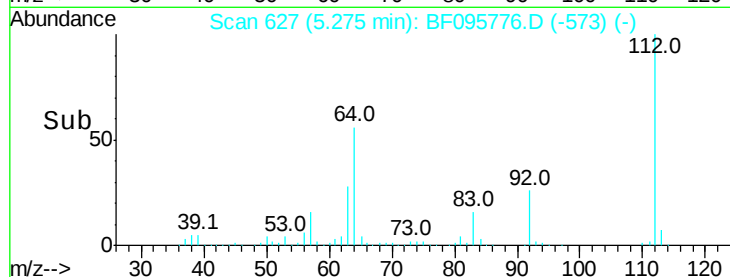
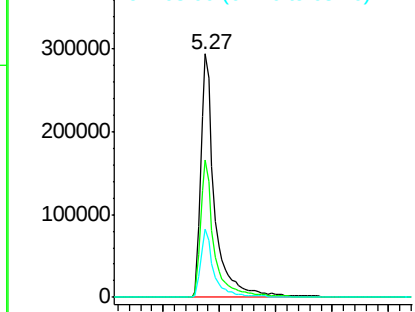
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Abundance Ion 112.00 (111.70 to 112.70): BF095671.D (-607) (-)

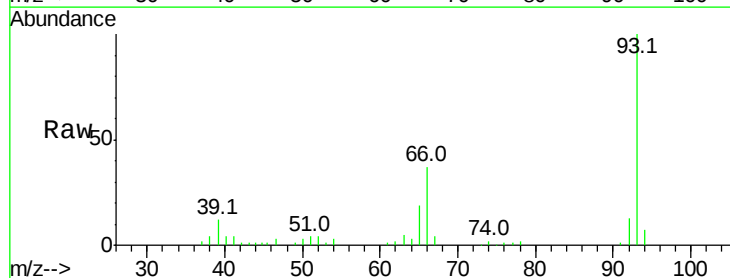
Ion 64.00 (63.70 to 64.70): BF095671.D (-607) (-)

Ion 63.00 (62.70 to 63.70): BF095671.D (-607) (-)



#6
Aniline
Concen: 24.32 ng
RT: 6.86 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

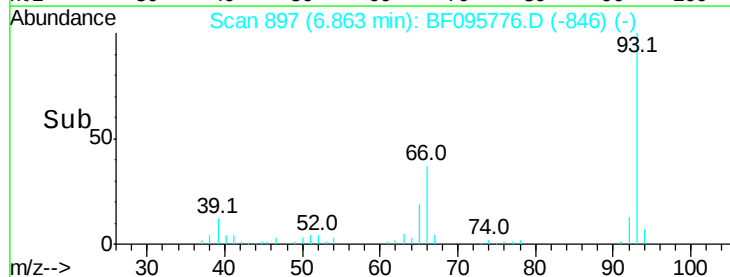
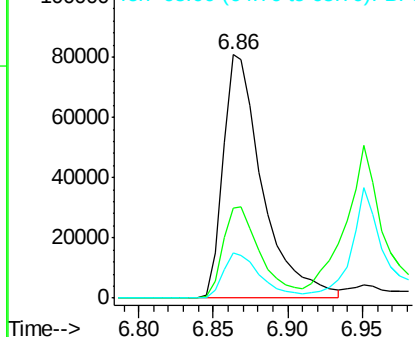
Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	37.2	32.9	49.3
65	18.5	16.0	24.0

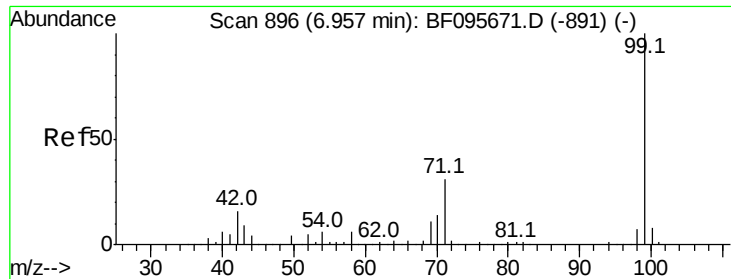


Abundance Ion 93.00 (92.70 to 93.70): BF095671.D (-880) (-)

Ion 66.00 (65.70 to 66.70): BF095671.D (-880) (-)

Ion 65.00 (64.70 to 65.70): BF095671.D (-880) (-)





#7

Phenol-d6

Concen: 129.93 ng

RT: 6.94 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

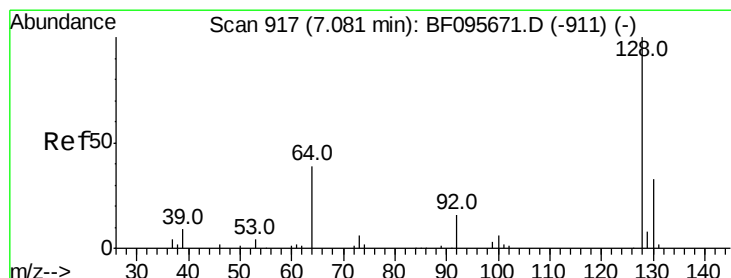
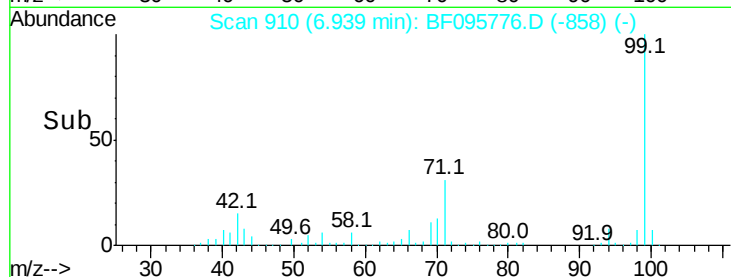
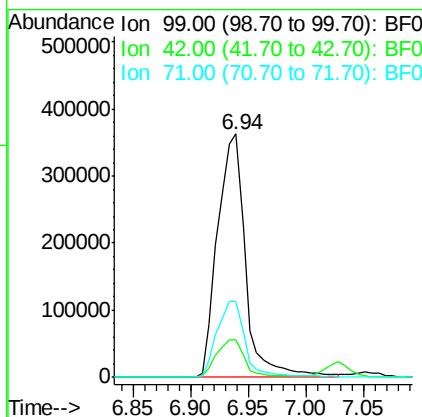
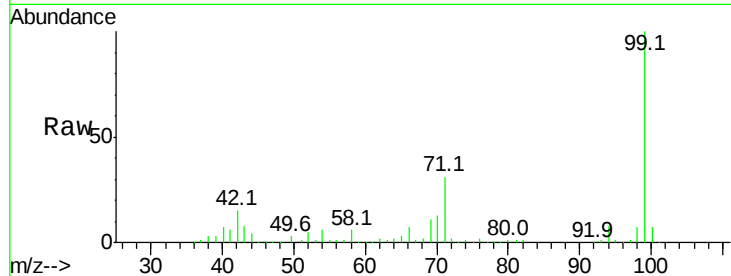
ClientSampleId :

PB99561BS

Tot Ion:	99	Resp:	610712
Ion Ratio	Lower	Upper	
99	100		
42	15.4	13.5	20.3
71	31.2	24.5	36.7

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#8

2-Chlorophenol

Concen: 44.66 ng

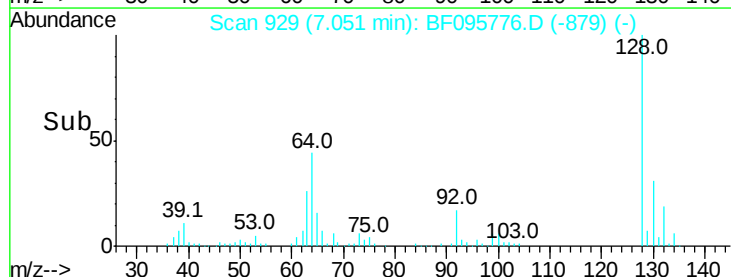
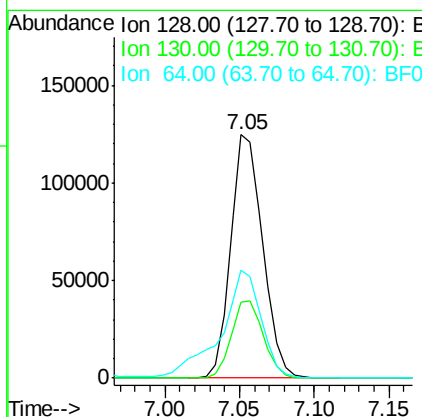
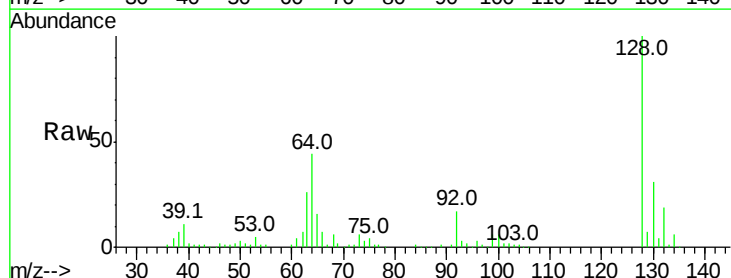
RT: 7.05 min Scan# 929

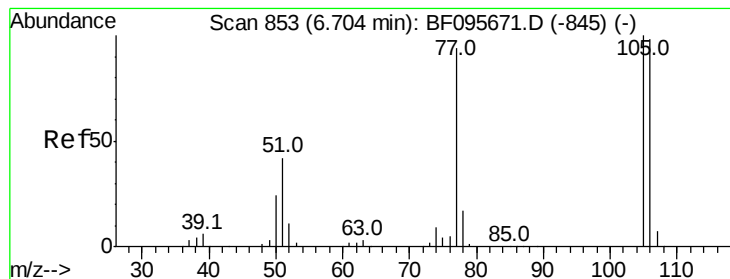
Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:	128	Resp:	186454
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.9	52.9
64	44.4	28.4	68.4





#9

Benzaldehyde

Concen: 25.61 ng

RT: 6.67 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

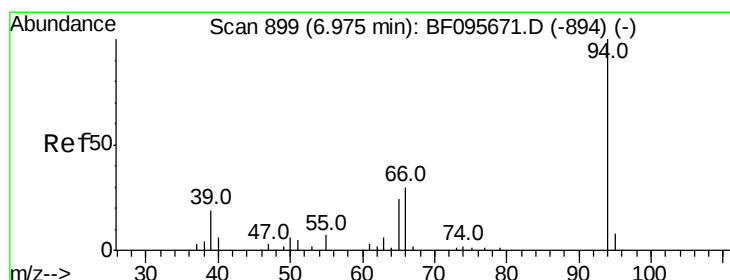
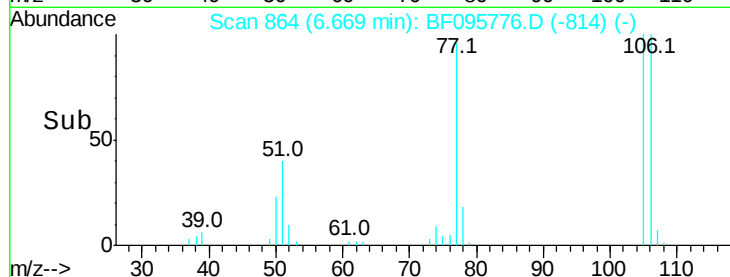
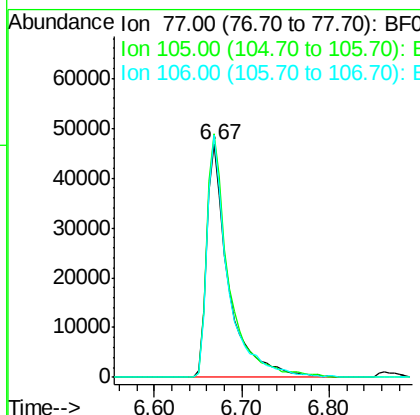
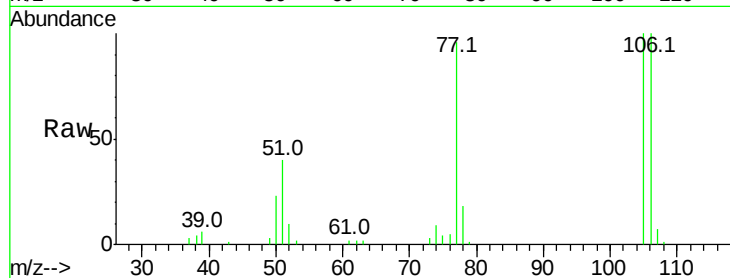
ClientSampleID :

PB99561BS

Tot Ion:	77	Resp:	81203
Ion	Ratio	Lower	Upper
77	100		
105	104.6	83.8	123.8
106	104.1	79.1	119.1

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#10

Phenol

Concen: 46.46 ng

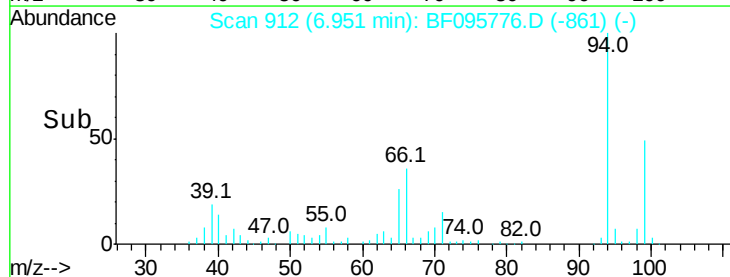
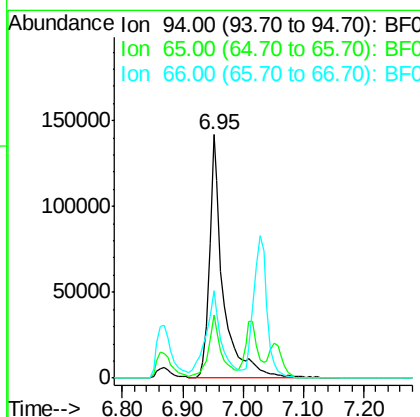
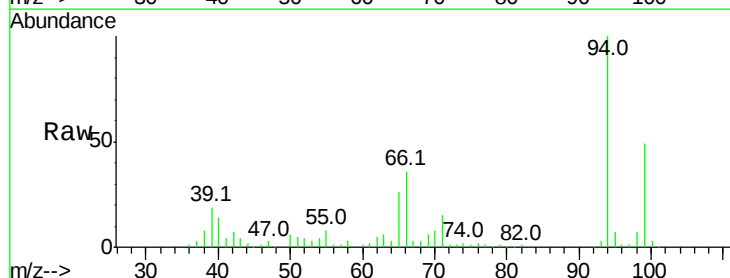
RT: 6.95 min Scan# 912

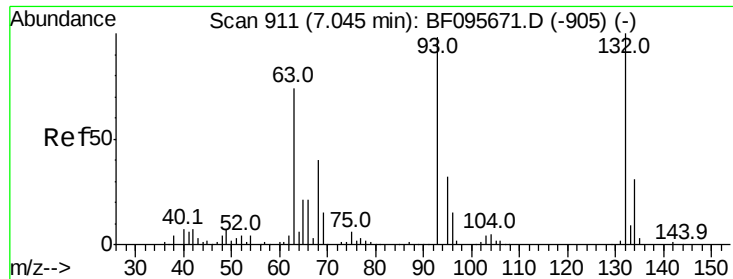
Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:	94	Resp:	226541
Ion	Ratio	Lower	Upper
94	100		
65	25.9	9.9	49.9
66	35.8	23.1	63.1





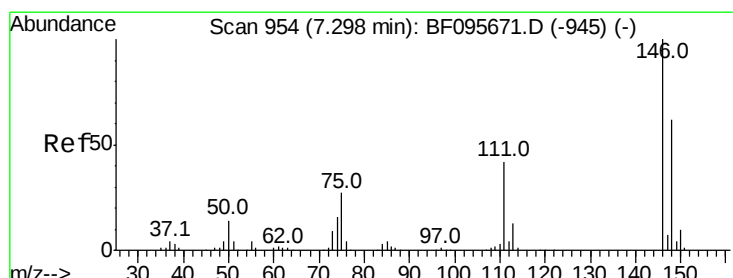
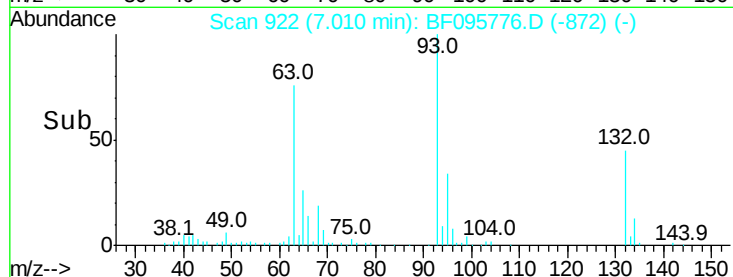
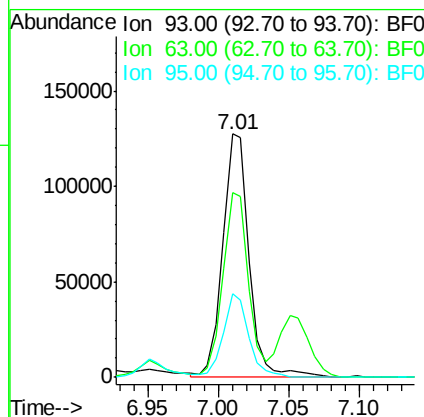
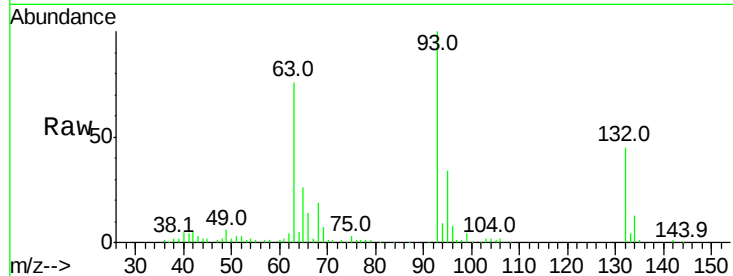
#11
bis(2-Chloroethyl)ether
Concen: 42.36 ng
RT: 7.01 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	163636		
63	75.9	59.2	99.2	
95	34.2	12.8	52.8	

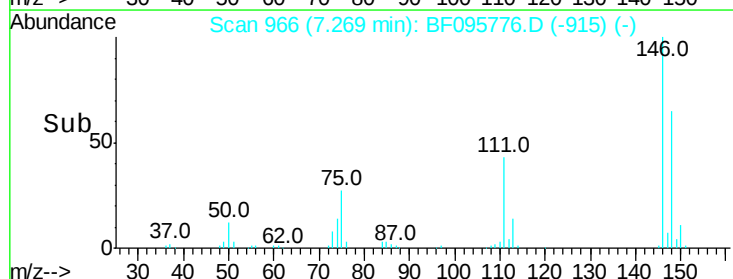
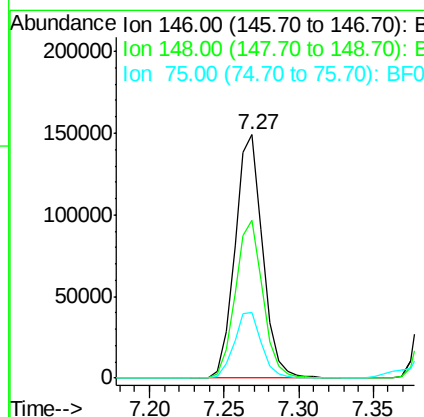
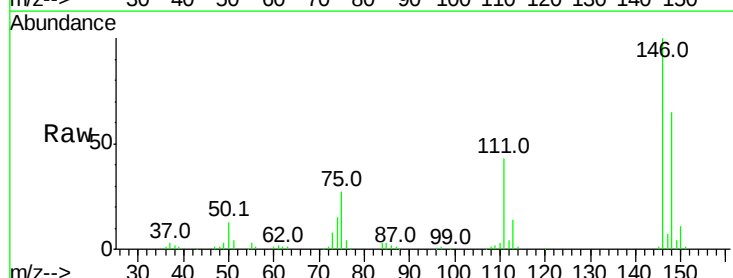
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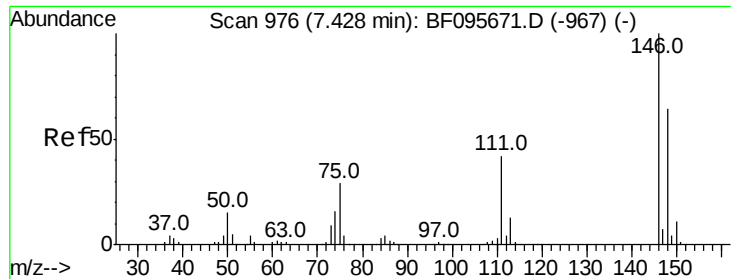
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.74 ng
RT: 7.27 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	192481		
148	64.8	51.8	77.6	
75	27.0	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 40.87 ng

RT: 7.39 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

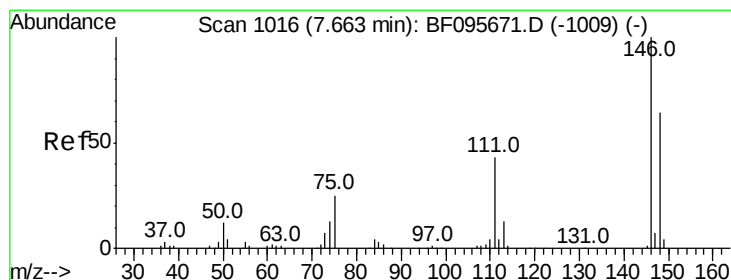
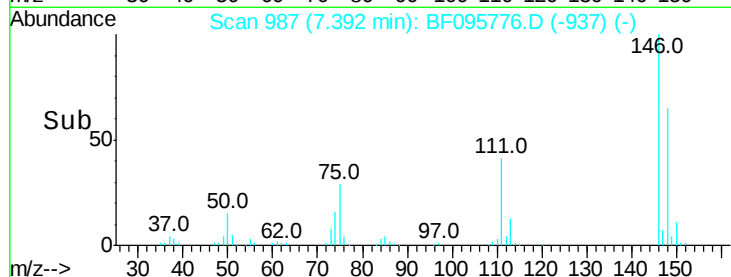
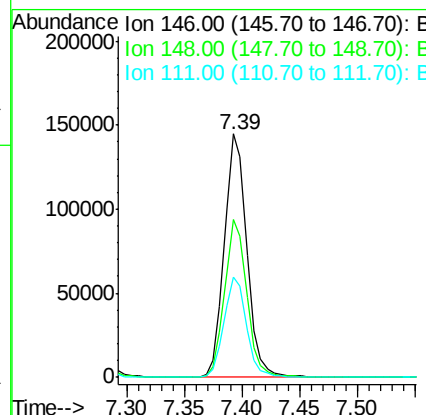
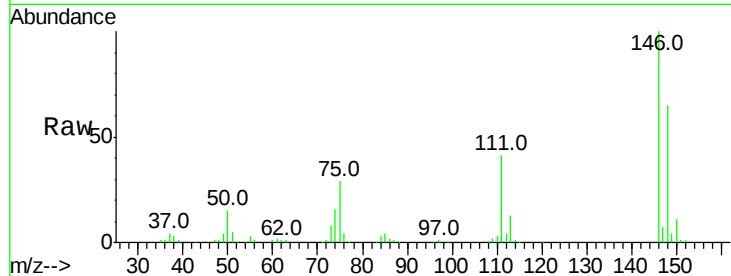
ClientSampleId :

PB99561BS

Tot Ion:	146	Resp:	195821
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.2
111	41.4	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 41.95 ng

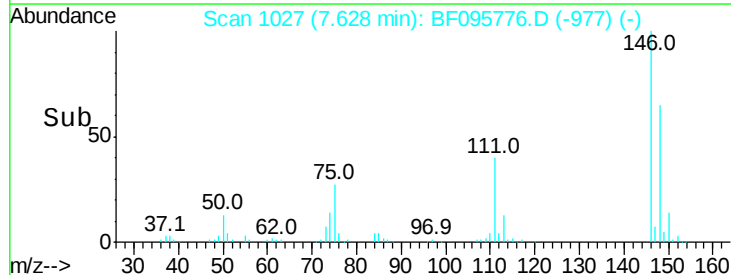
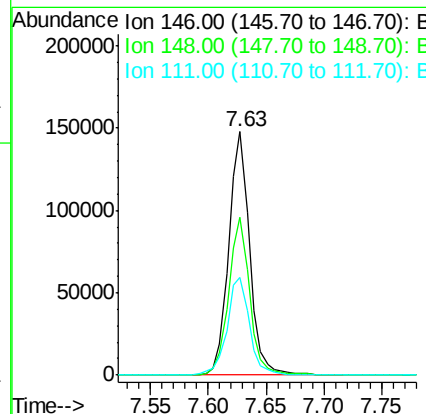
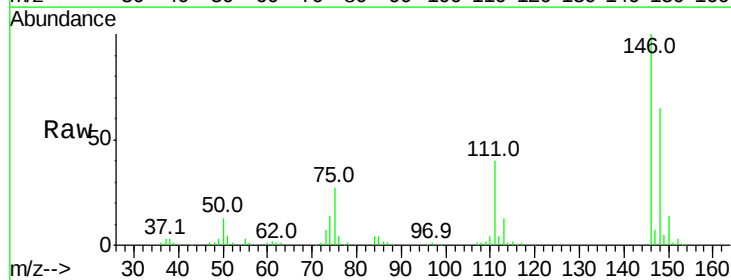
RT: 7.63 min Scan# 1027

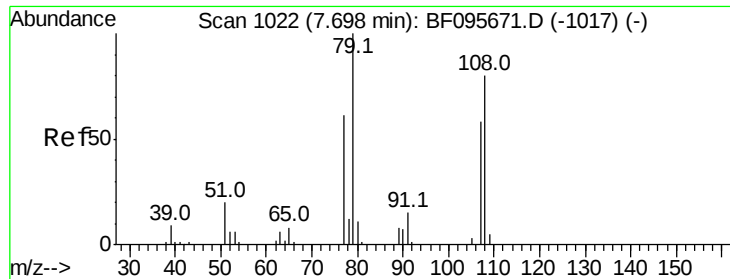
Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:	146	Resp:	185312
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.4	75.6
111	40.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 46.02 ng

RT: 7.67 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

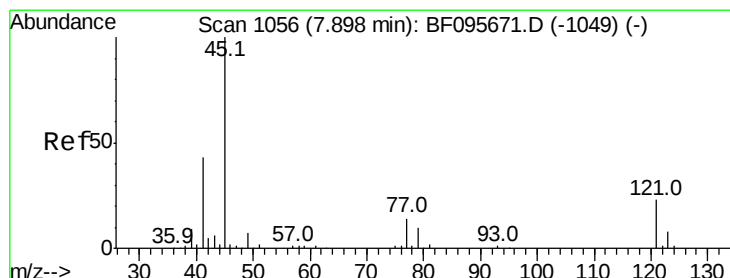
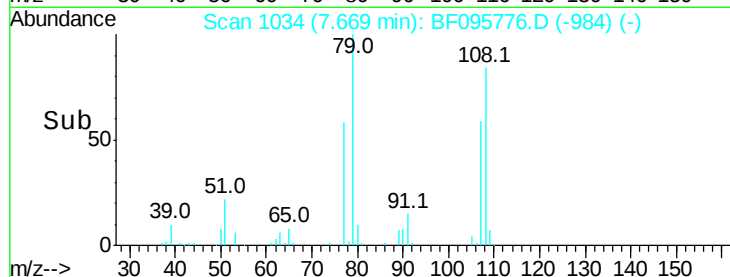
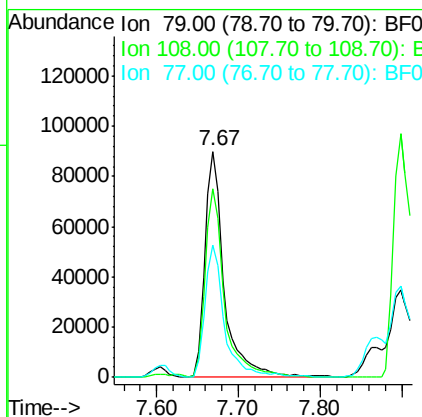
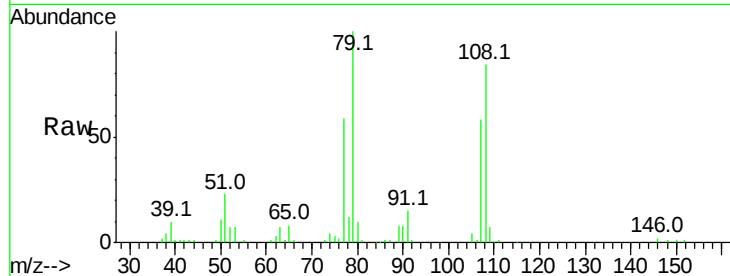
ClientSampleId :

PB99561BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.6	63.4	95.0
77	58.9	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.03 ng

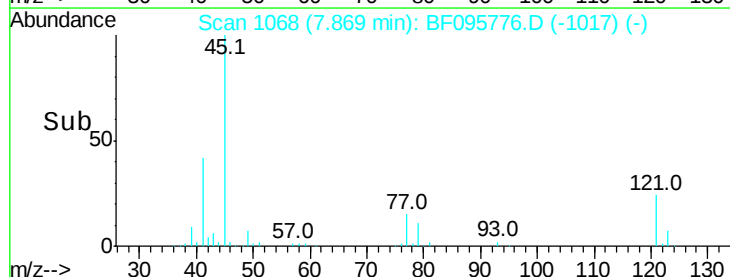
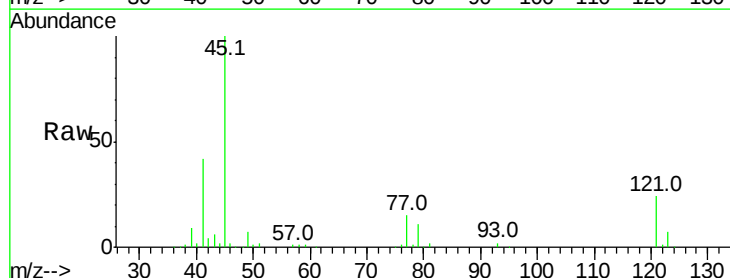
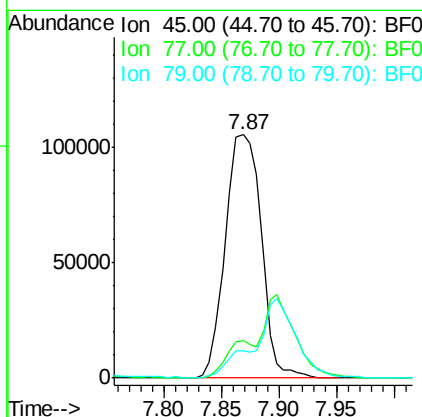
RT: 7.87 min Scan# 1068

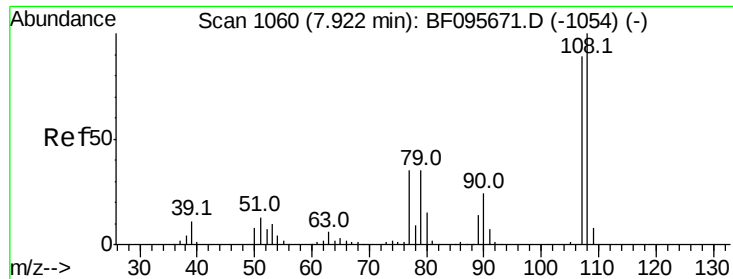
Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	33.2
79	11.4	0.0	30.0





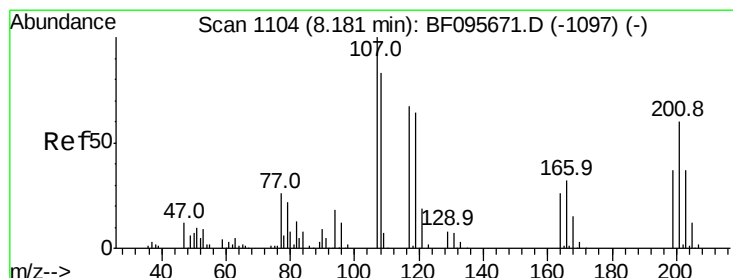
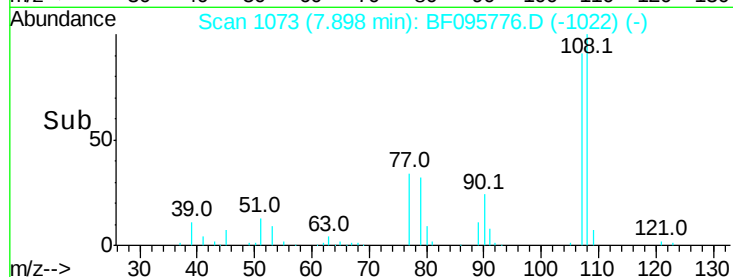
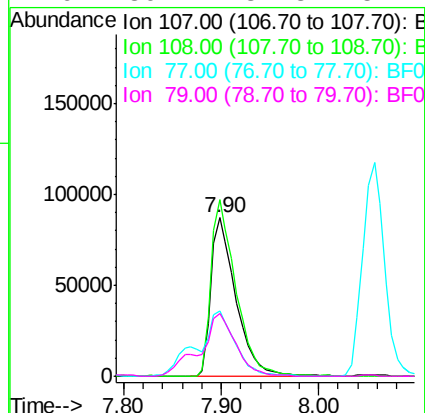
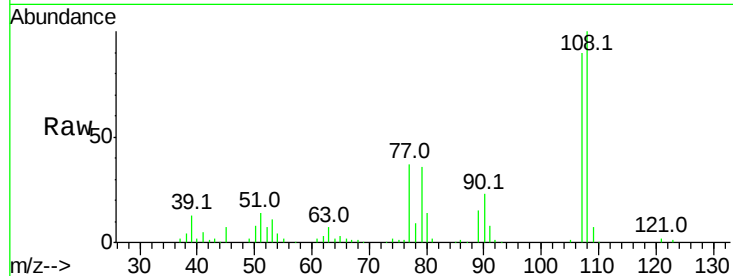
#17
2-Methylphenol
Concen: 44.07 ng
RT: 7.90 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion:	107	Resp:	154389
Ion Ratio	Lower	Upper	
107	100		
108	111.3	93.4	140.0
77	41.6	35.8	53.6
79	39.7	34.8	52.2

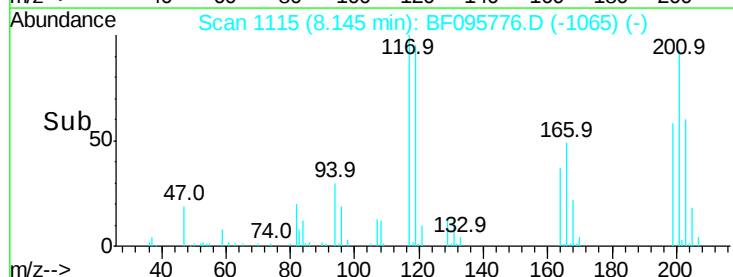
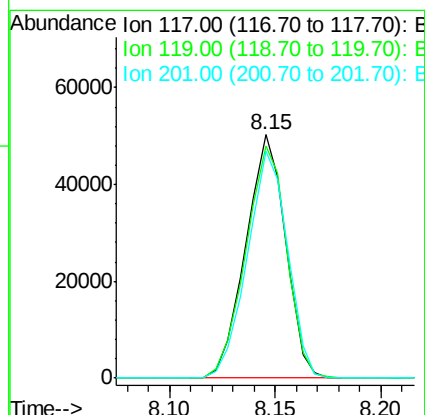
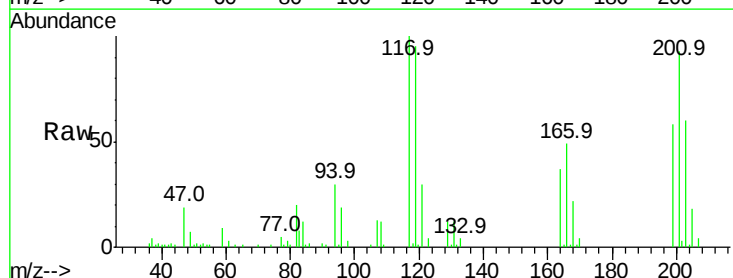
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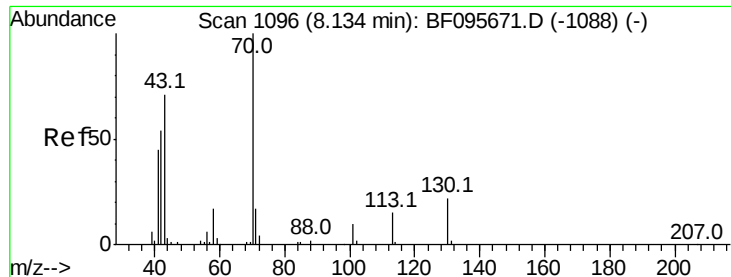
mohammad
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#18
Hexachloroethane
Concen: 41.48 ng
RT: 8.15 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion:	117	Resp:	65647
Ion Ratio	Lower	Upper	
117	100		
119	95.3	77.4	116.0
201	93.2	94.6	141.8#





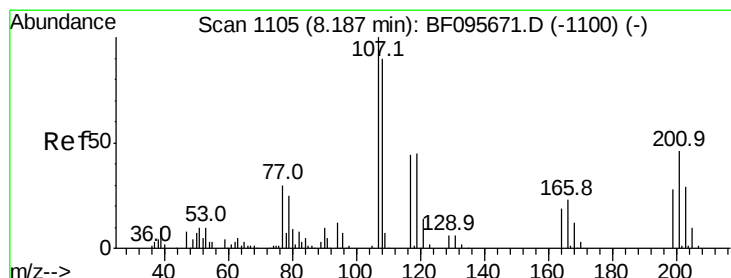
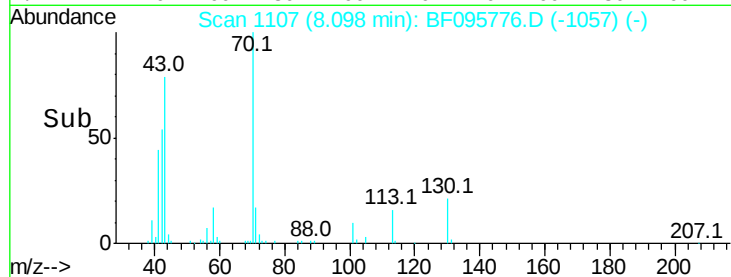
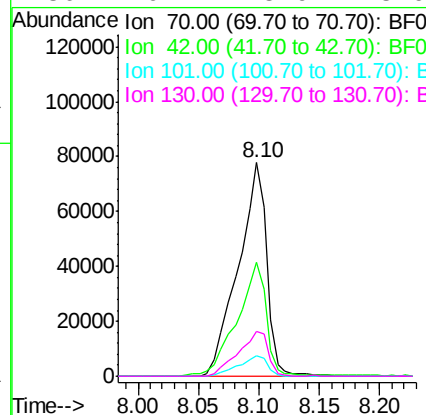
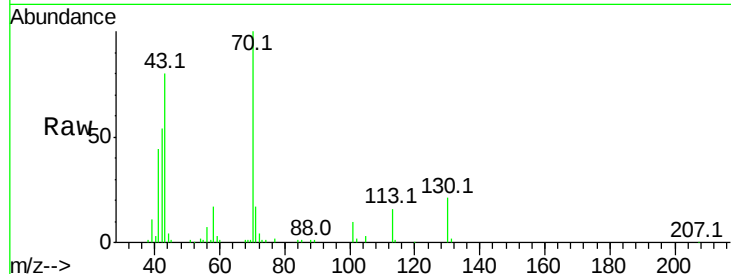
#19
n-Nitroso-di-n-propylamine
Concen: 42.93 ng
RT: 8.10 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.2	70.8
101	9.7	7.2	10.8
130	20.7	15.9	23.9

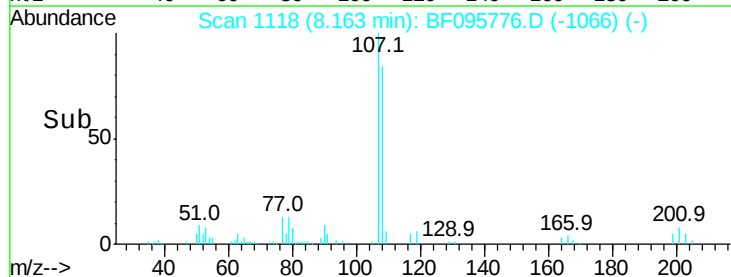
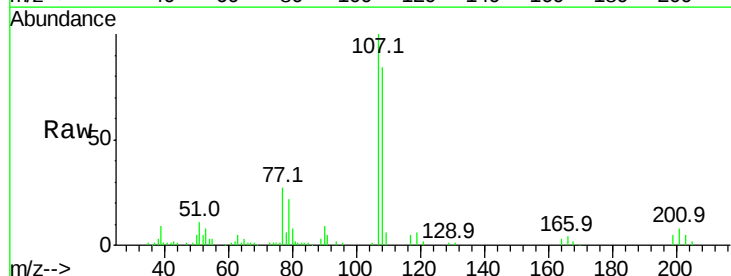
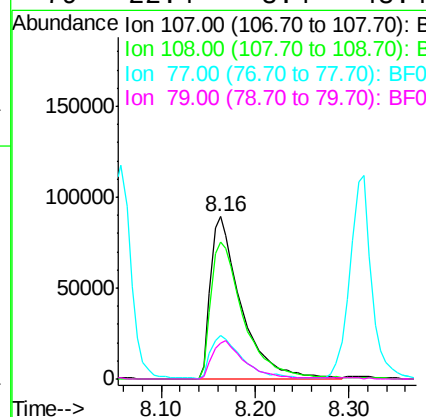
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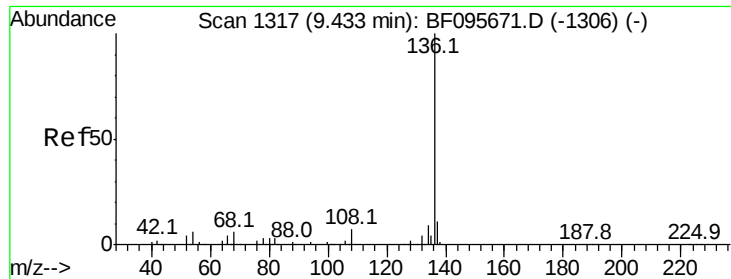
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#20
3+4-Methylphenols
Concen: 45.88 ng
RT: 8.16 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	71.0	111.0
77	26.5	90.5	130.5#
79	22.4	8.4	48.4





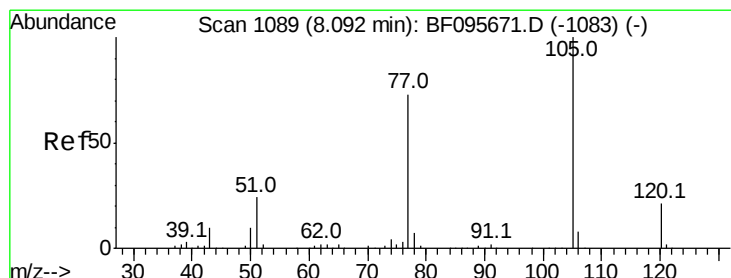
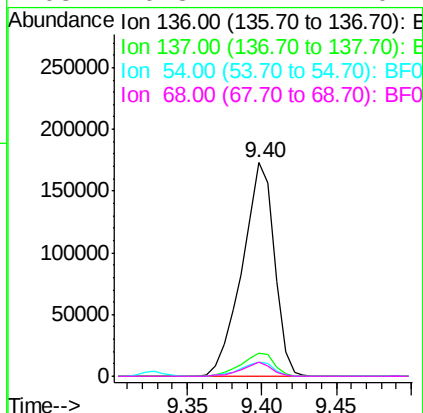
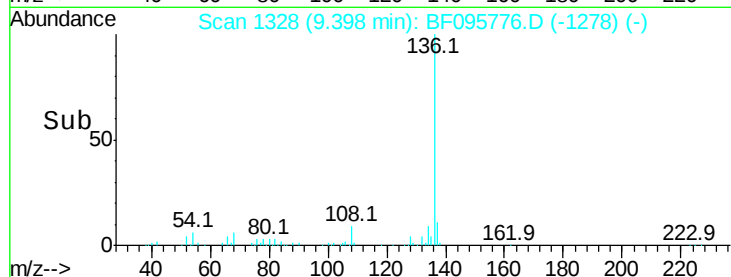
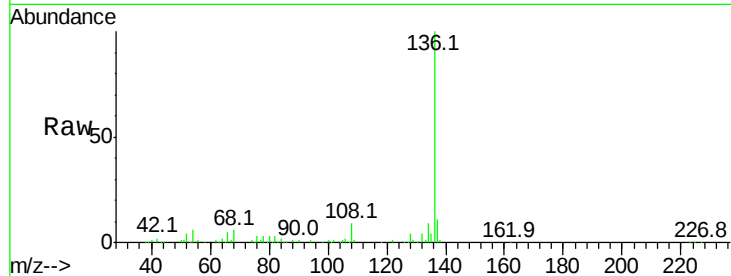
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	6.3	4.9	7.3	
68	6.3	4.1	6.1	

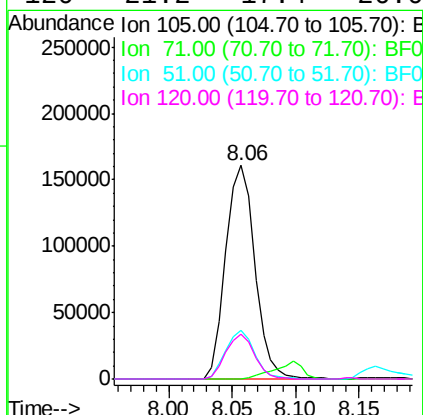
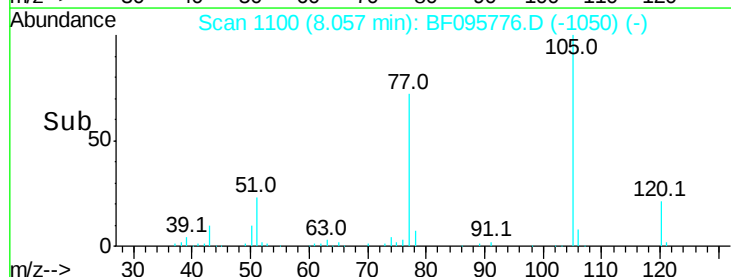
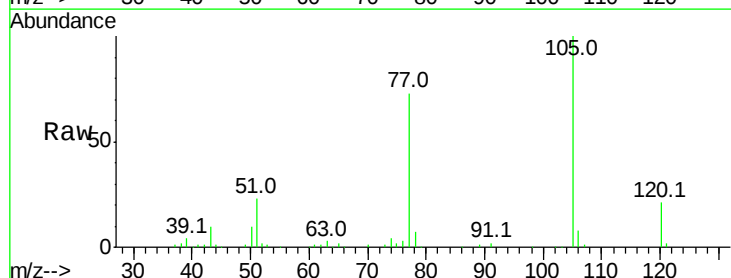
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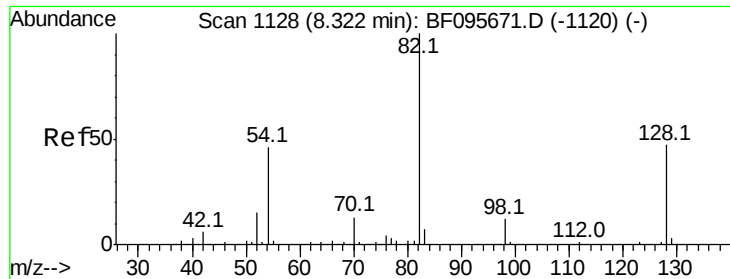
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#22
Acetophenone
Concen: 42.75 ng
RT: 8.06 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2	
51	22.6	30.7	46.1	
120	21.2	17.4	26.0	





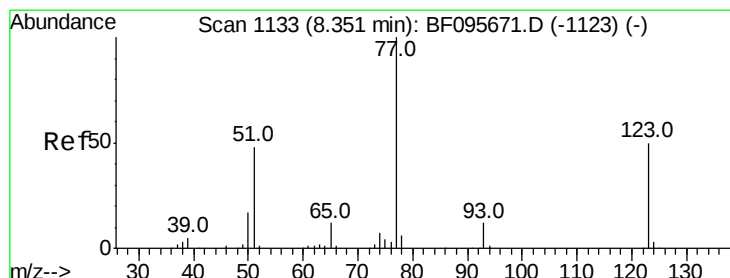
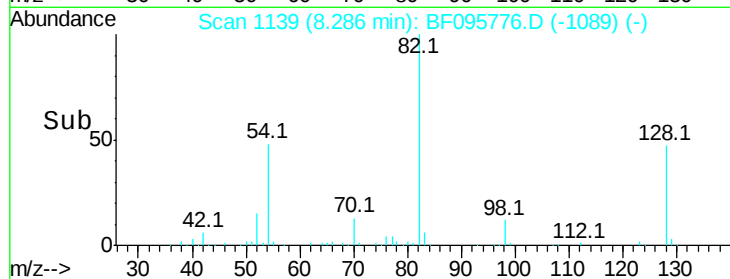
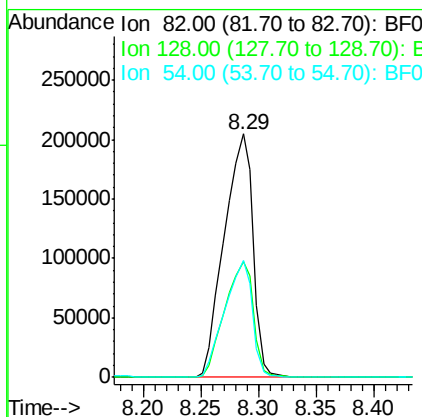
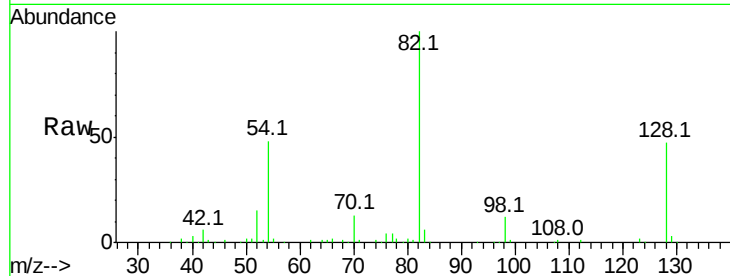
#23
 Nitrobenzene-d5
 Concen: 85.23 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleID :
 PB99561BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	47.9	42.2	63.2

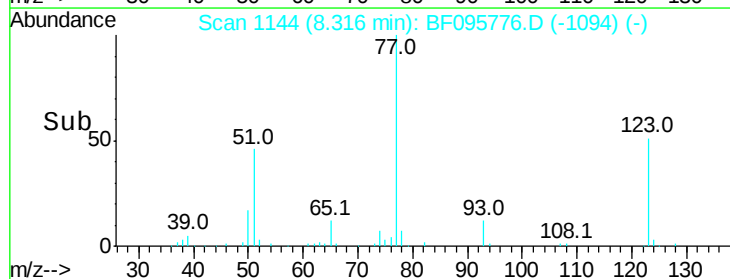
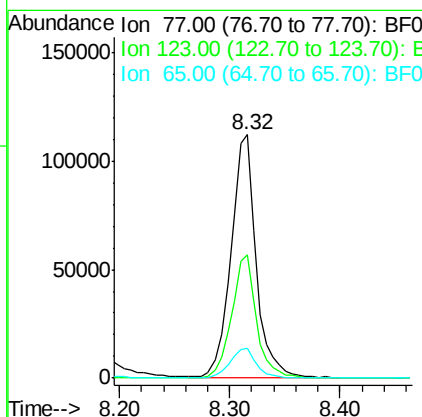
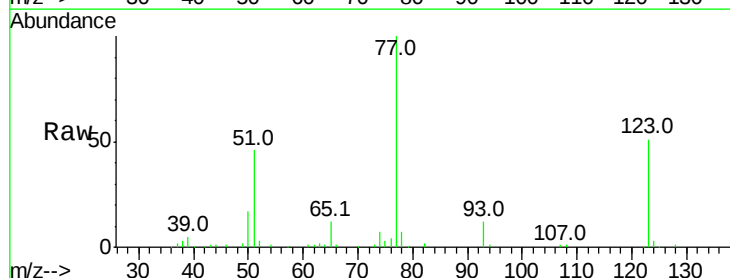
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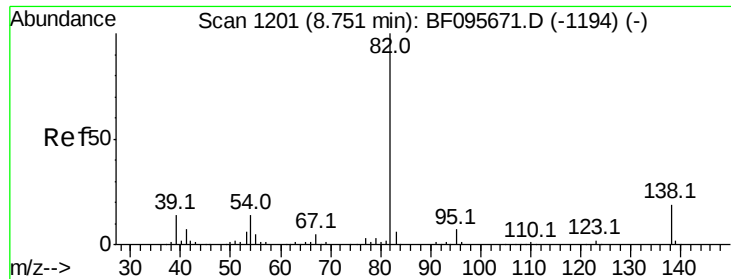
mohammad
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#24
 Nitrobenzene
 Concen: 40.63 ng
 RT: 8.32 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	35.8	53.8
65	12.1	10.6	15.8





#25

Isophorone

Concen: 42.25 ng

RT: 8.72 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

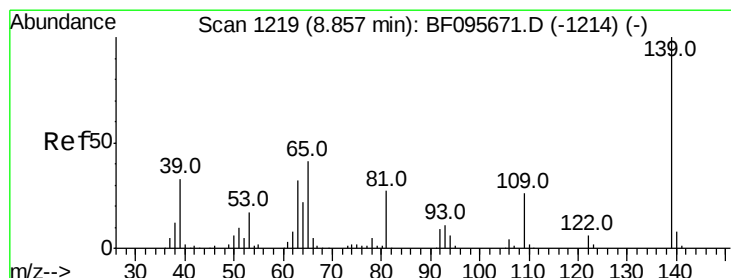
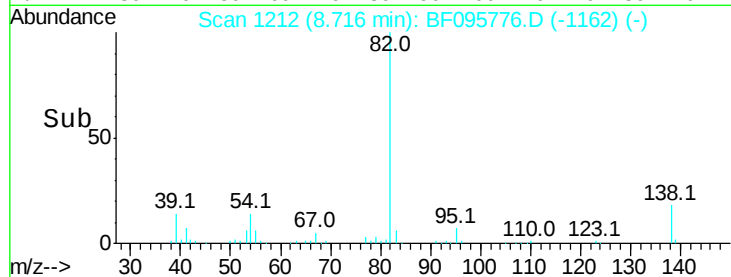
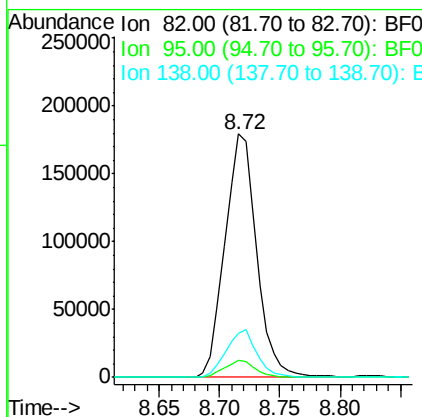
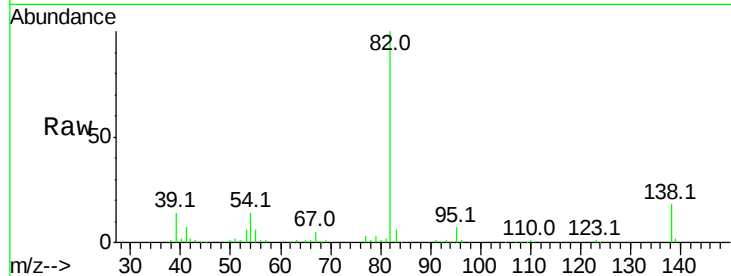
ClientSampleId :

PB99561BS

Tot Ion:	82	Resp:	327174
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.3	13.1	19.7

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#26

2-Nitrophenol

Concen: 44.03 ng

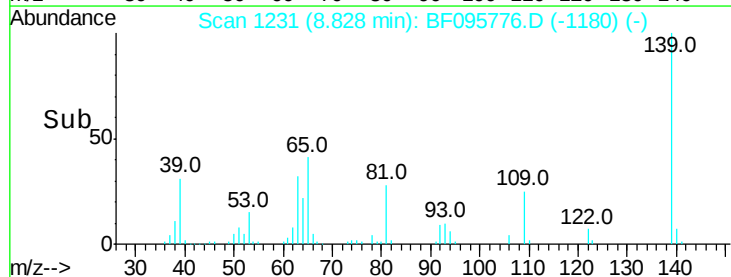
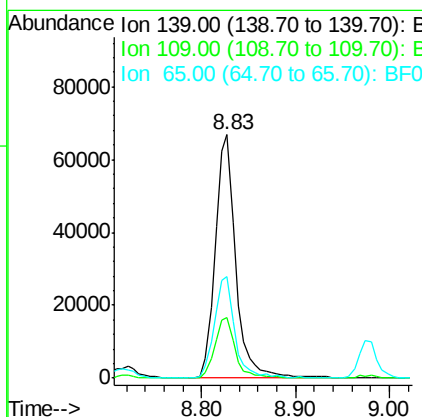
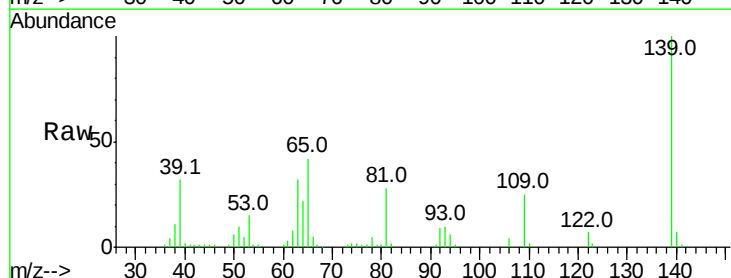
RT: 8.83 min Scan# 1231

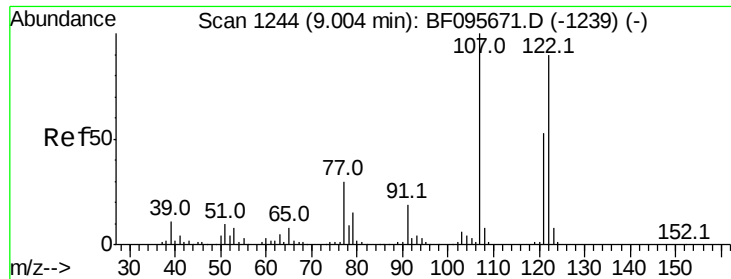
Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:	139	Resp:	102131
Ion Ratio	Lower	Upper	
139	100		
109	24.8	21.0	31.6
65	41.8	33.0	49.6





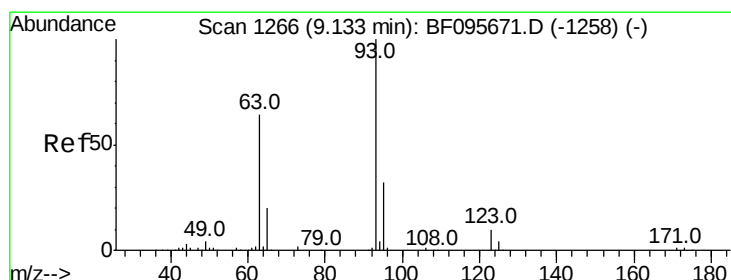
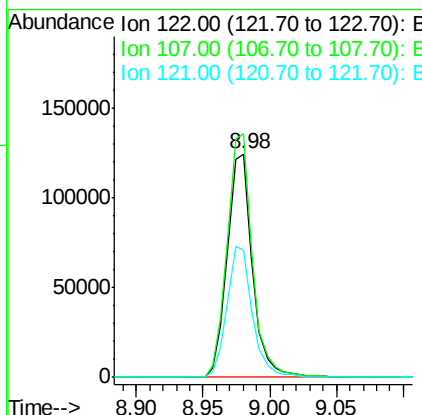
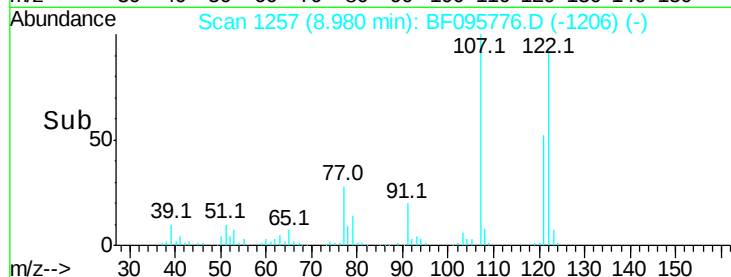
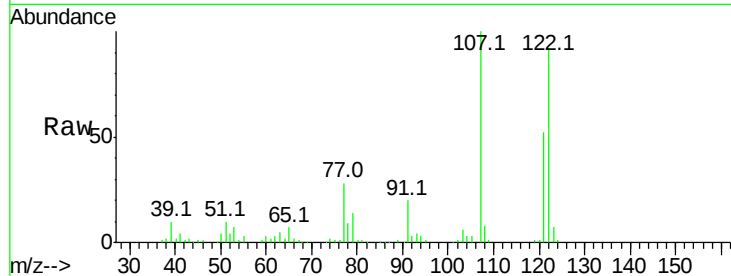
#27
2,4-Dimethylphenol
Concen: 46.30 ng
RT: 8.98 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	166676		
107	109.0	89.2	133.8	
121	56.8	45.2	67.8	

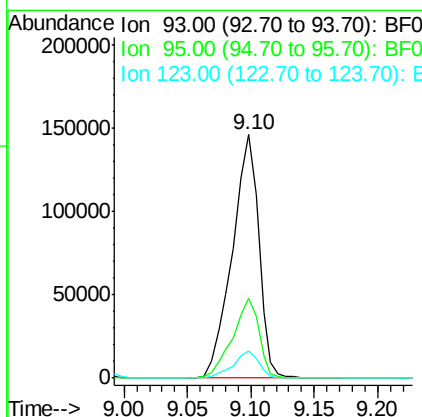
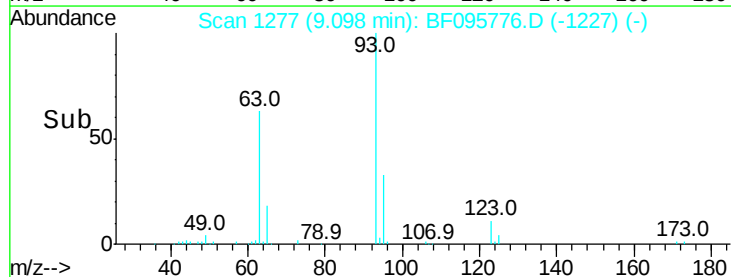
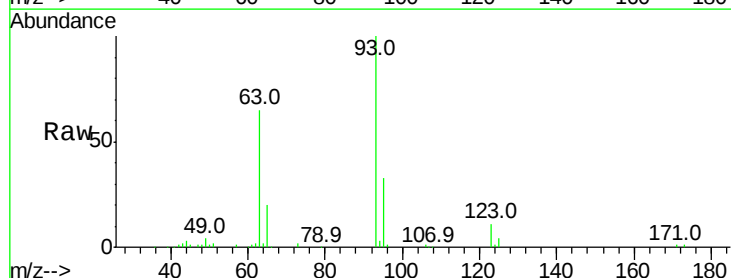
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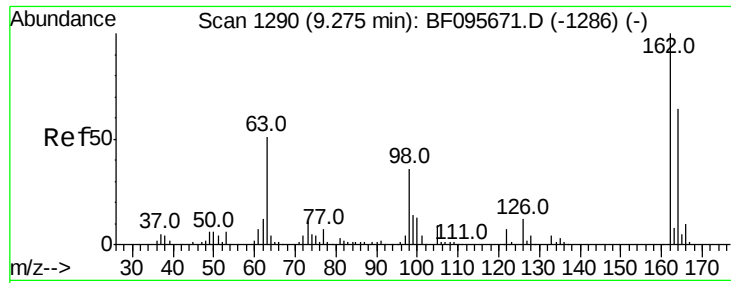
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#28
bis(2-Chloroethoxy)methane
Concen: 41.52 ng
RT: 9.10 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	211933		
95	32.9	26.5	39.7	
123	11.1	9.0	13.4	





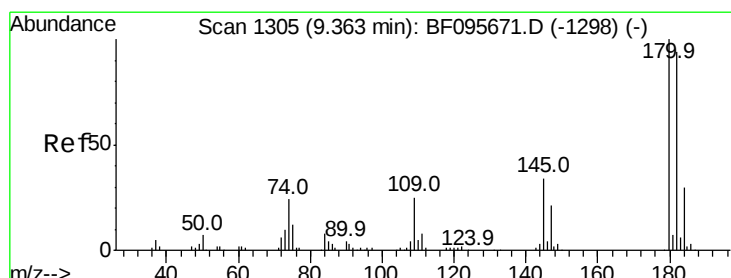
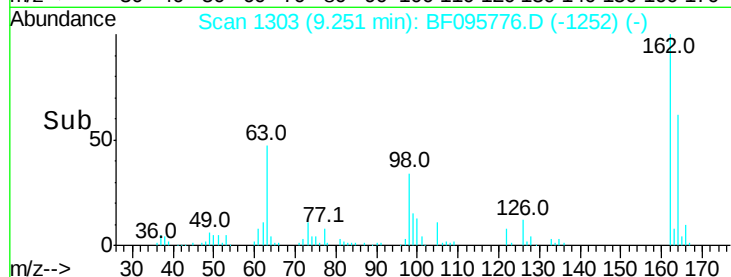
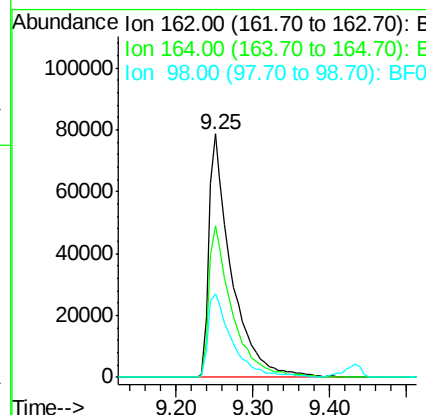
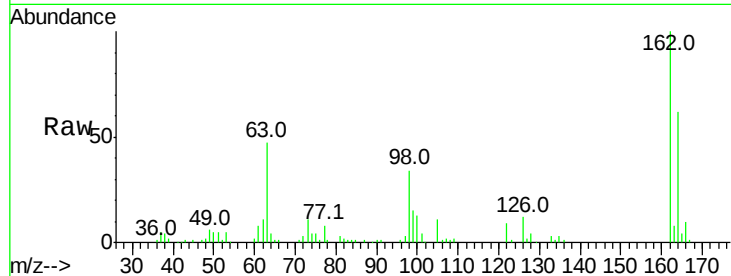
#29
 2,4-Dichlorophenol
 Concen: 45.72 ng
 RT: 9.25 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB99561BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.2	44.6	84.6
98	34.4	14.8	54.8

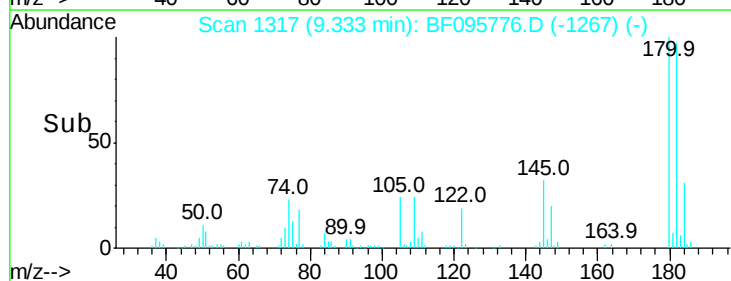
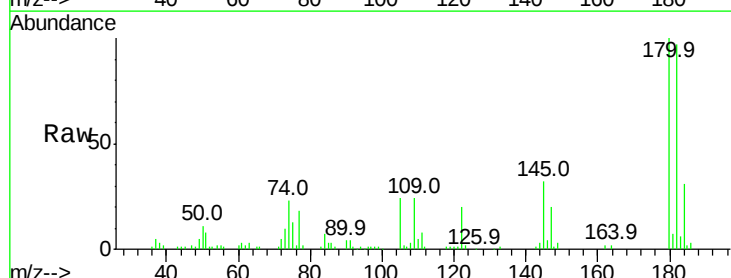
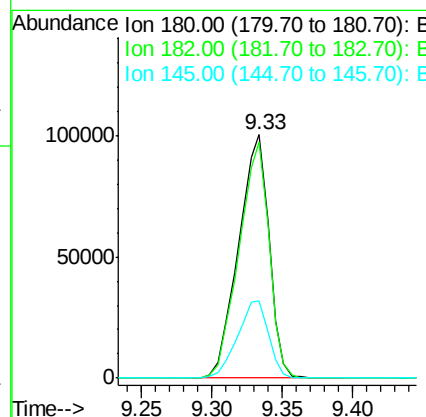
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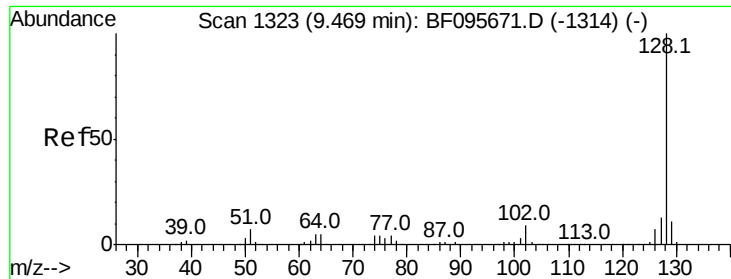
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.88 ng
 RT: 9.33 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.9	75.8	113.6
145	31.5	25.3	37.9





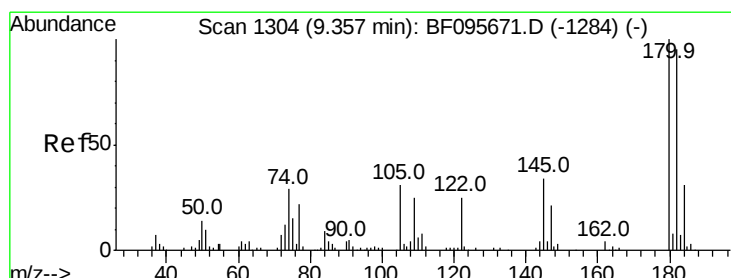
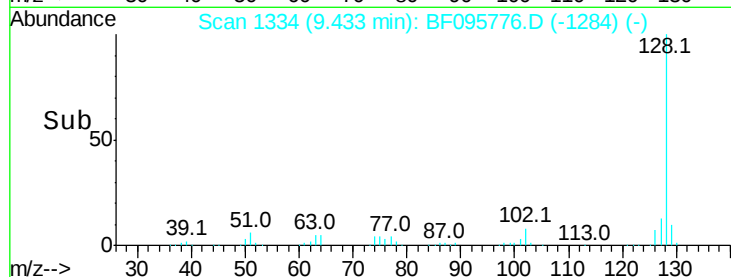
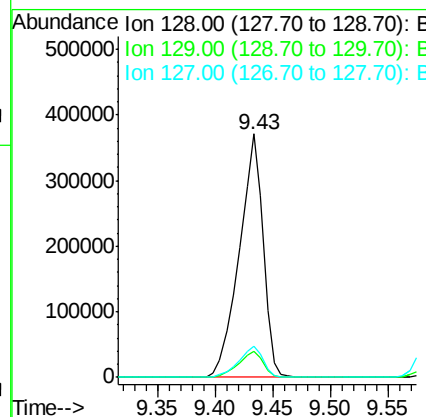
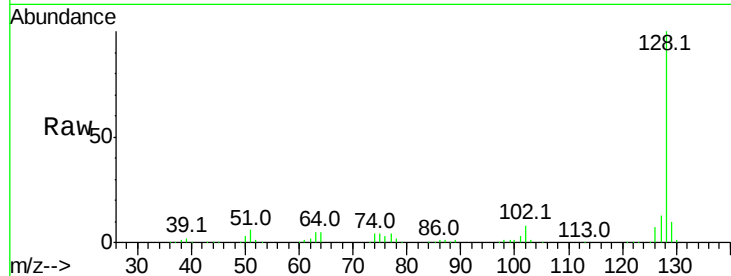
#31
Naphthalene
Concen: 41.15 ng
RT: 9.43 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.6
127	12.8	10.8	16.2

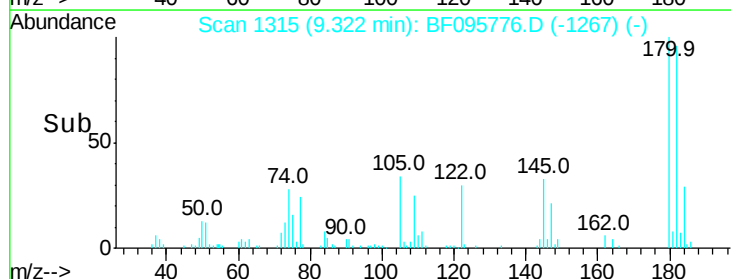
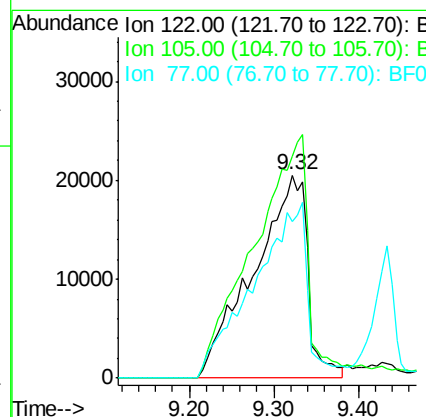
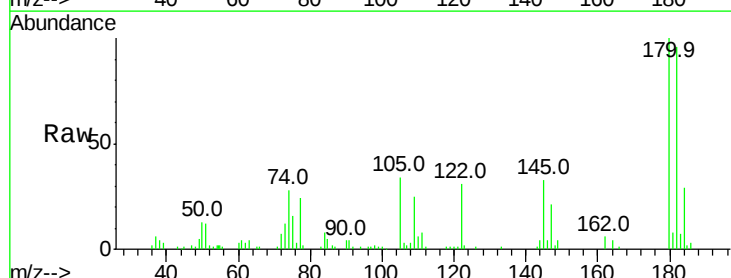
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#32
Benzoic acid
Concen: 41.33 ng
RT: 9.32 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	109.2	103.3	143.3
77	77.4	73.7	113.7





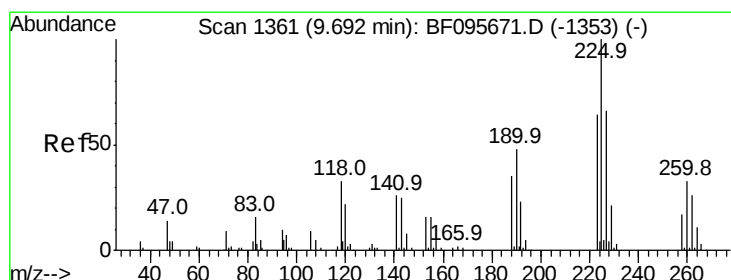
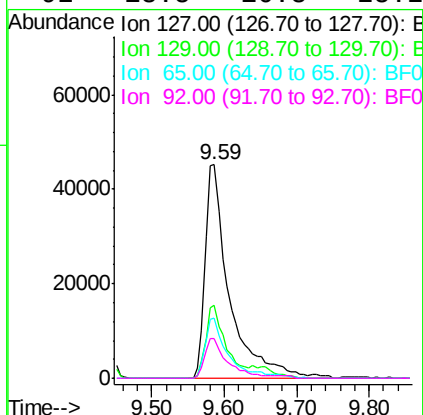
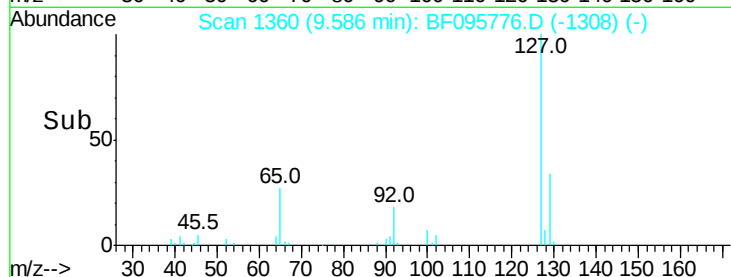
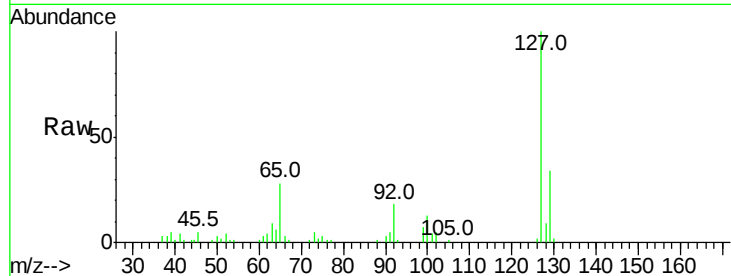
#33
4-Chloroaniline
Concen: 20.86 ng
RT: 9.59 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.2	39.2
65	28.3	27.8	41.8
92	18.5	16.8	25.2

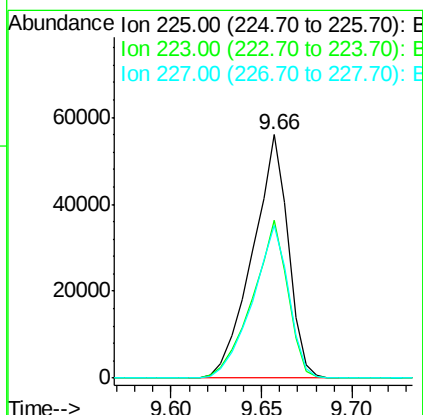
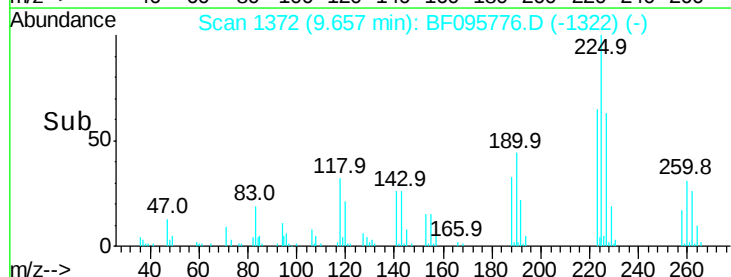
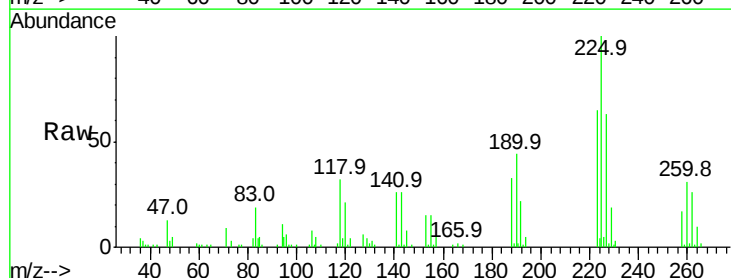
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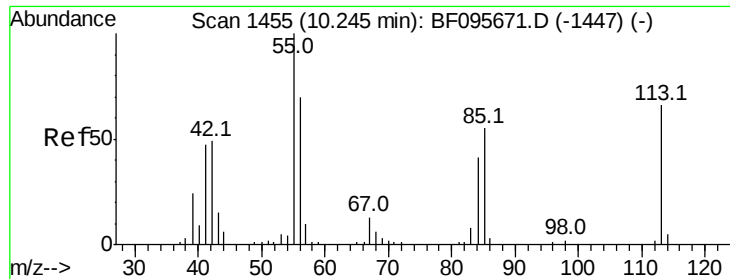
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#34
Hexachlorobutadiene
Concen: 41.05 ng
RT: 9.66 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.8	73.2
227	62.7	51.1	76.7





#35

Caprolactam

Concen: 49.59 ng/mL

RT: 10.22 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

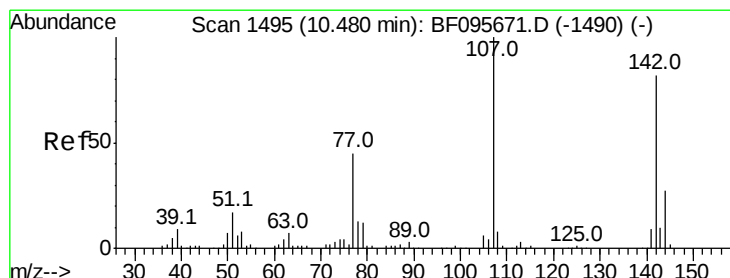
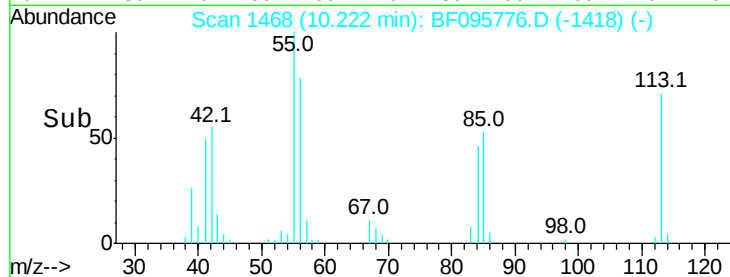
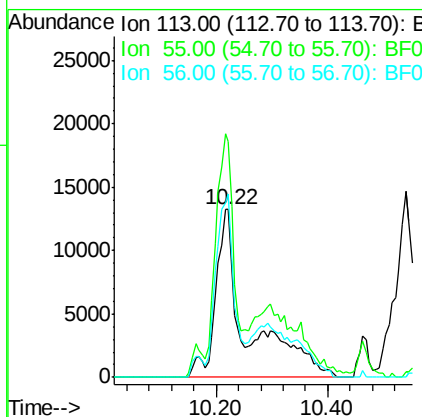
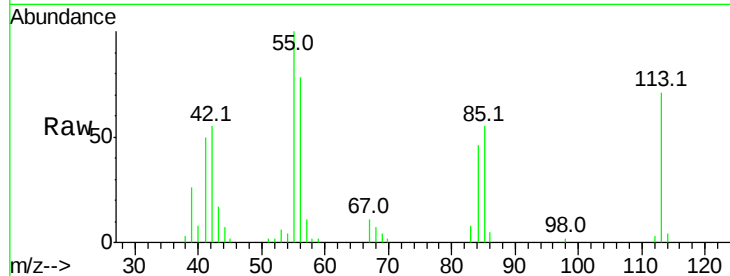
ClientSampleID :

PB99561BS

Tot Ion:113 Resp: 51164
 Ion Ratio Lower Upper
 113 100
 55 140.8 150.2 190.2#
 56 109.5 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 45.65 ng/mL

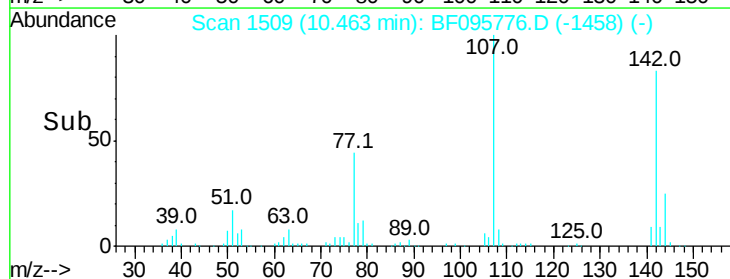
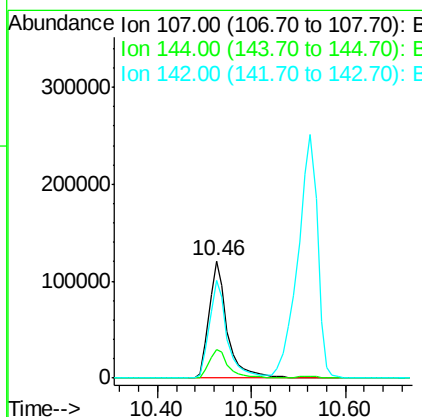
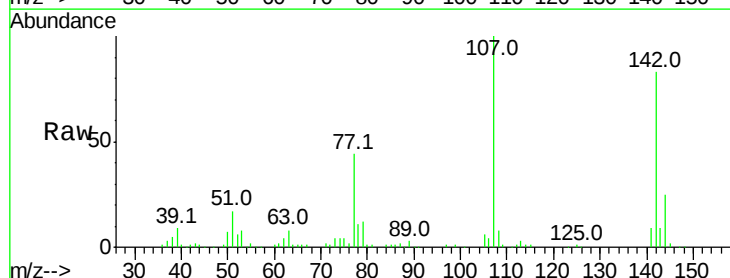
RT: 10.46 min Scan# 1509

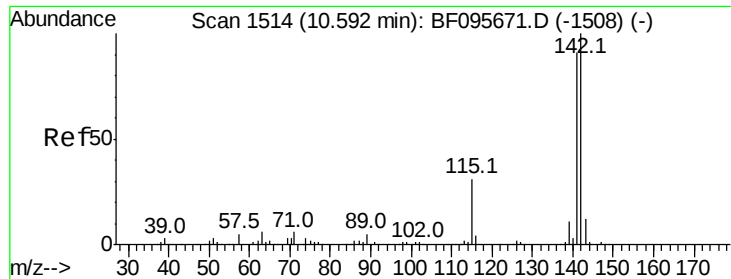
Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:107 Resp: 165696
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 83.0 73.4 110.0





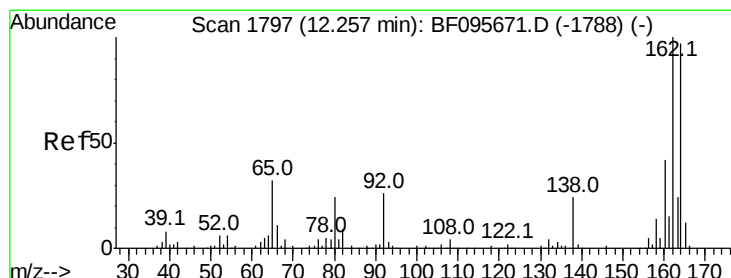
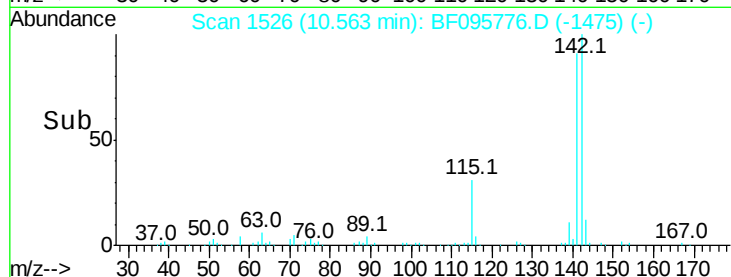
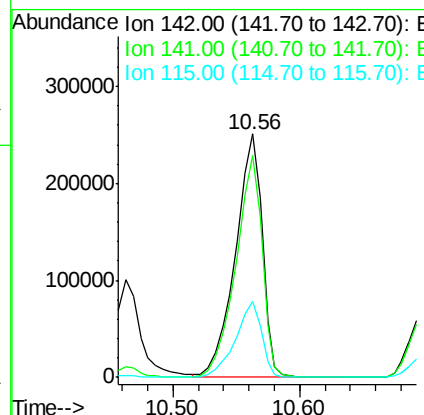
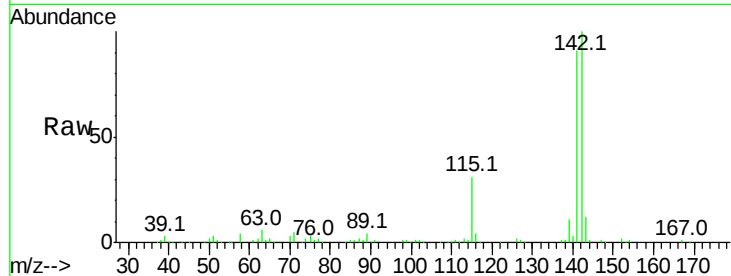
#37
2-Methylnaphthalene
Concen: 42.04 ng
RT: 10.56 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	367153		
141	91.2	71.3	106.9	
115	31.4	27.1	40.7	

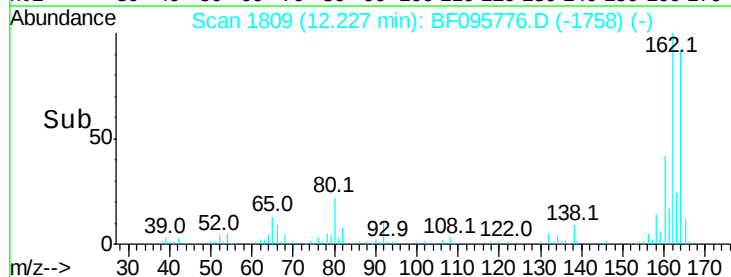
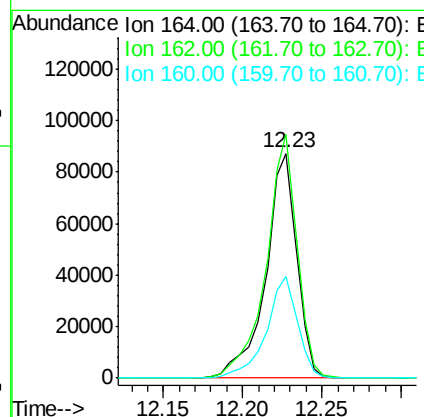
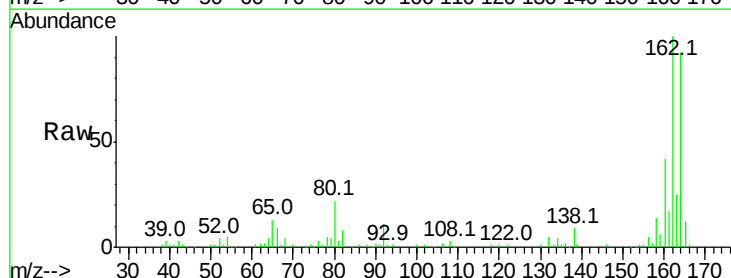
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	119590		
162	108.2	82.6	123.8	
160	45.4	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.60 ng

RT: 10.85 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

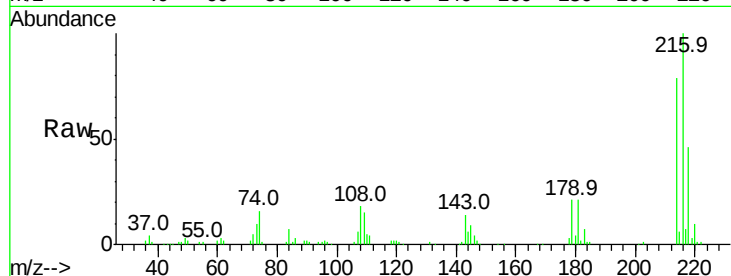
ClientSampleId :

PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	145320		
214	78.8		63.4	95.2
179	21.8		17.9	26.9
108	20.0		16.5	24.7

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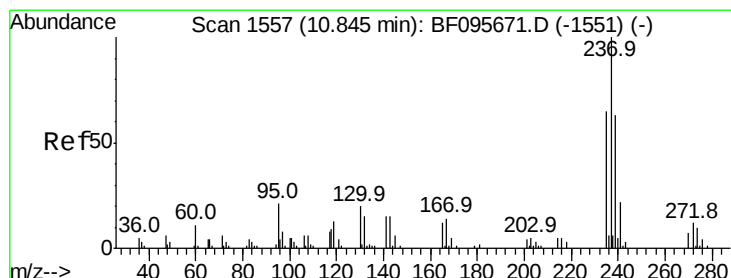
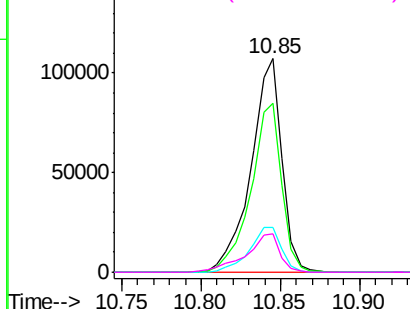
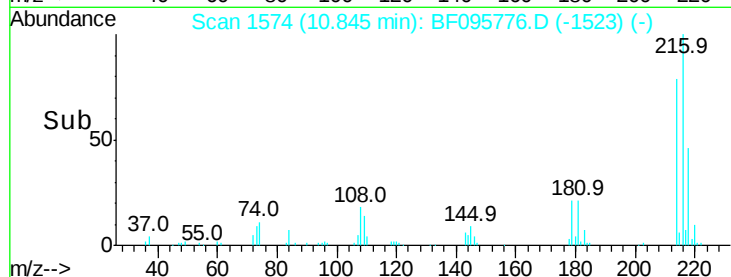


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.08 ng

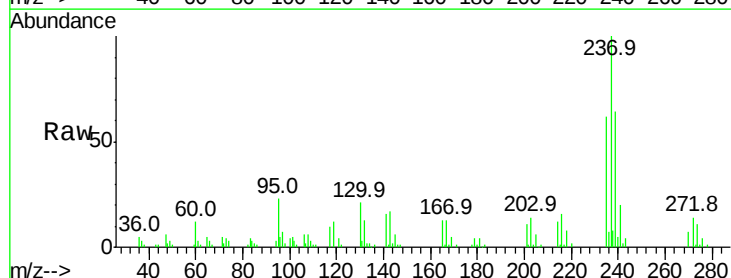
RT: 10.82 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

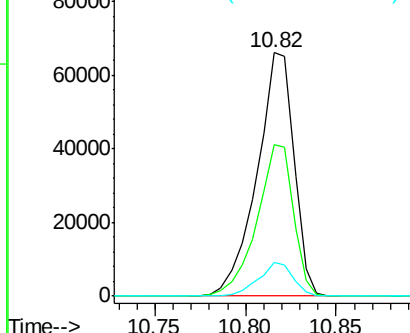
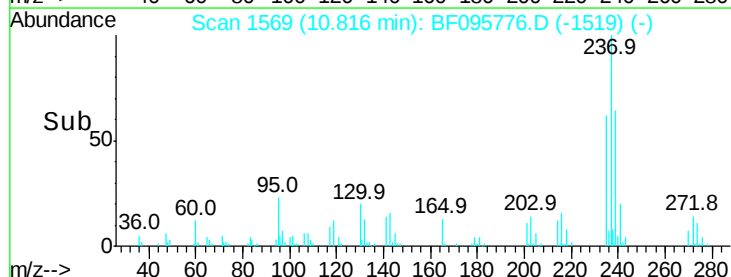
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	93774		
235	62.0		42.6	82.6
272	13.9		0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





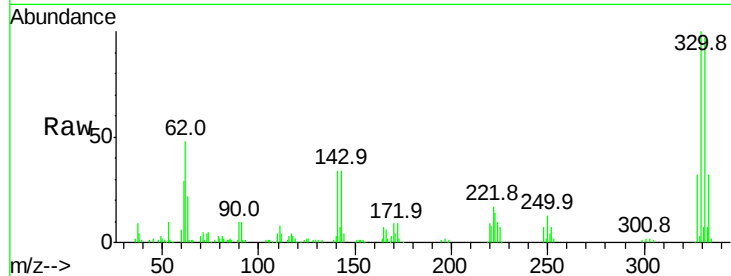
#41
 2,4,6-Tribromophenol
 Concen: 126.10 ng
 RT: 13.53 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB99561BS

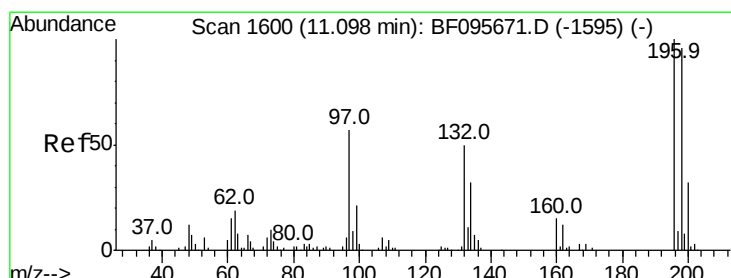
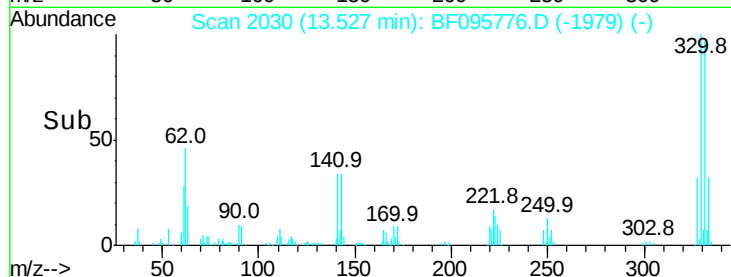
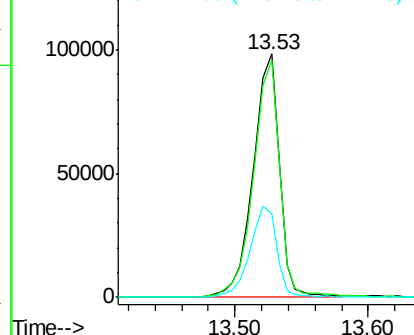
Tot Ion	Ratio	Resp	Lower	Upper
330	100	133429		
332	98.0	76.6	115.0	
141	38.7	31.4	47.2	

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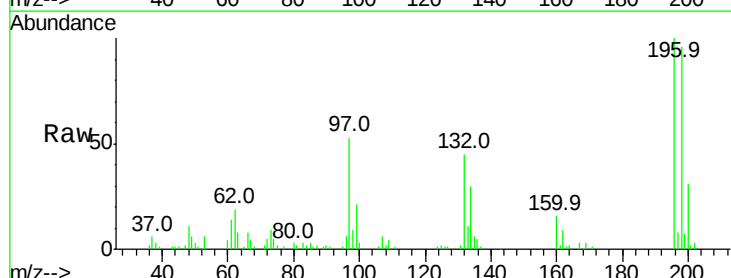


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

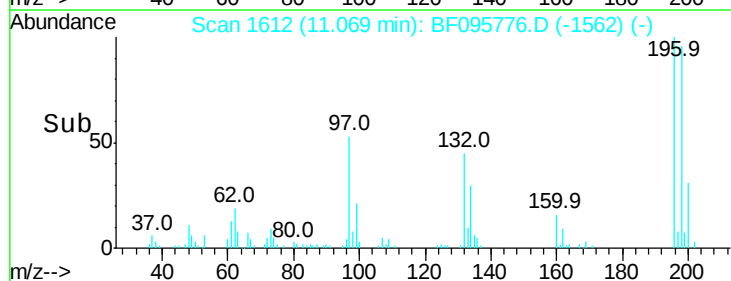
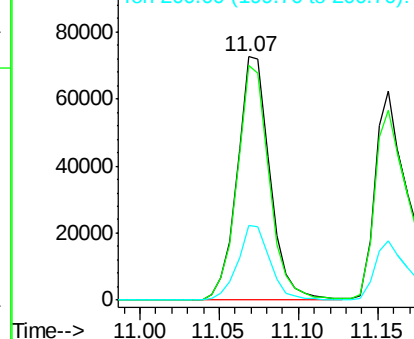


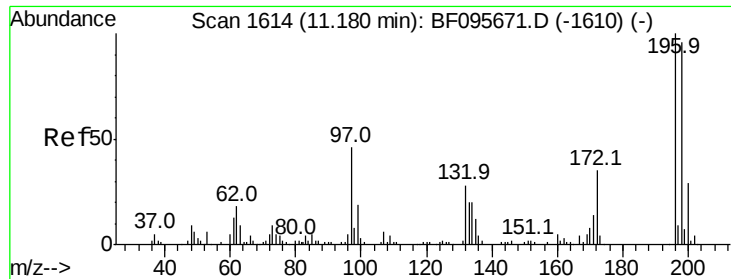
#42
 2,4,6-Trichlorophenol
 Concen: 45.17 ng
 RT: 11.07 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	103948		
198	96.2	74.2	111.4	
200	30.6	24.0	36.0	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





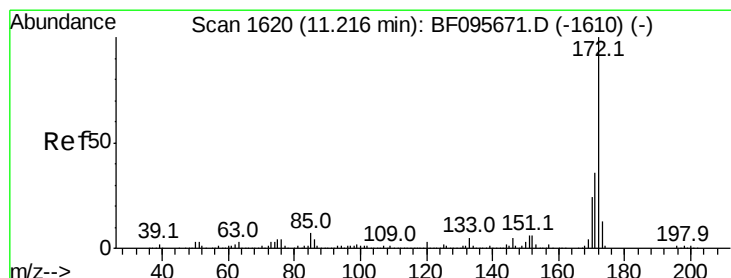
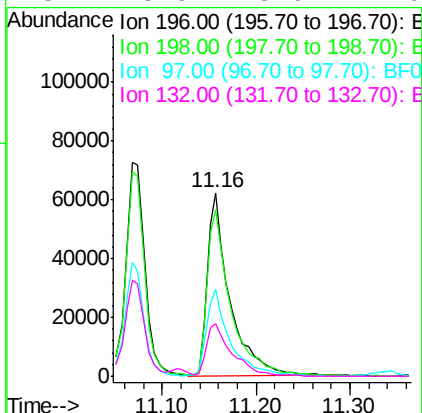
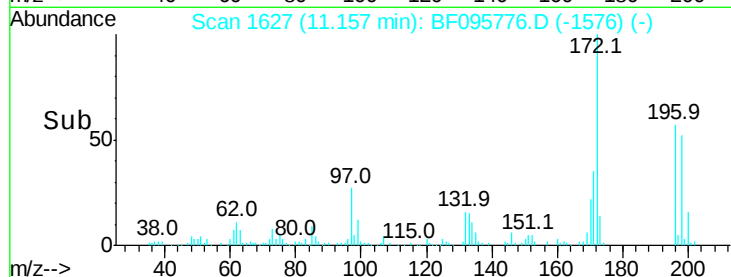
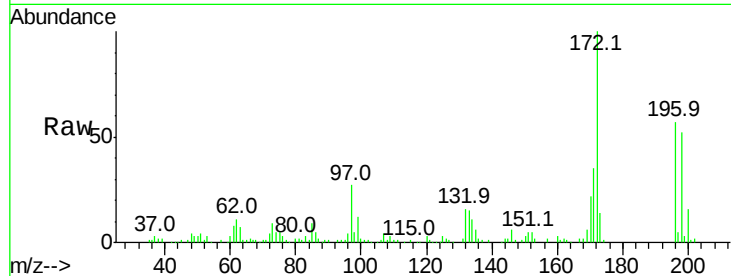
#43
 2,4,5-Trichlorophenol
 Concen: 42.30 ng
 RT: 11.16 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.8	75.7	113.5	
97	47.6	47.7	71.5	
132	28.6	28.0	42.0	

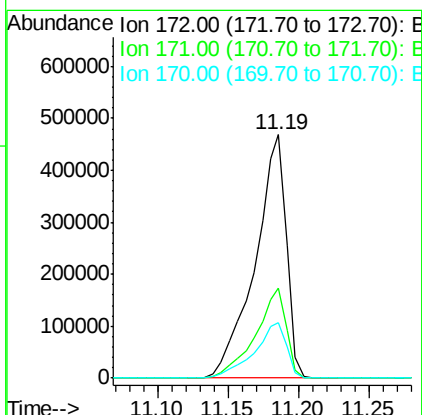
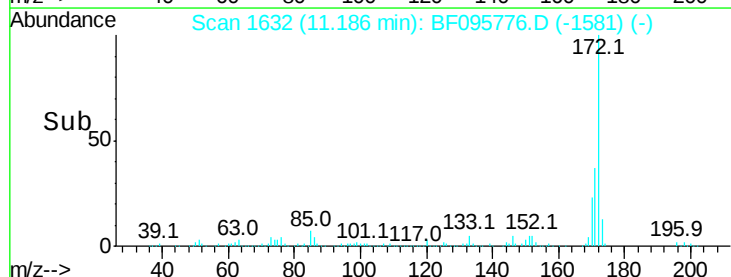
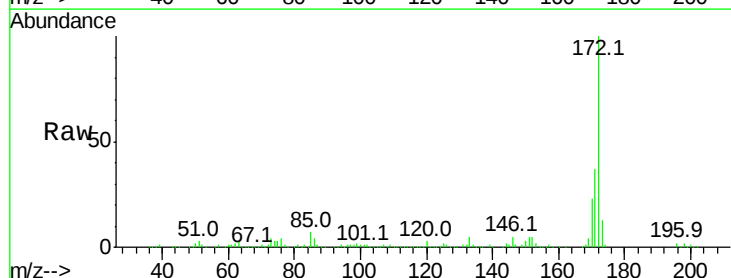
Manual Integrations
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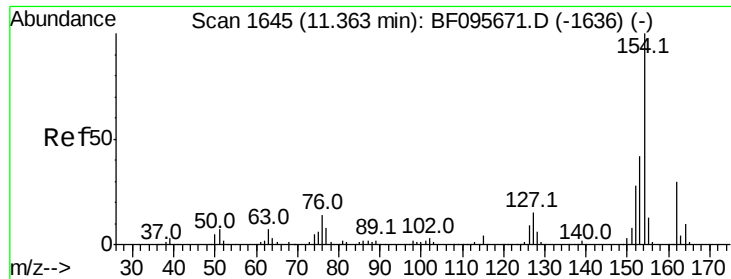
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#44
 2-Fluorobiphenyl
 Concen: 84.89 ng
 RT: 11.19 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.8	29.6	44.4	
170	23.0	19.8	29.8	





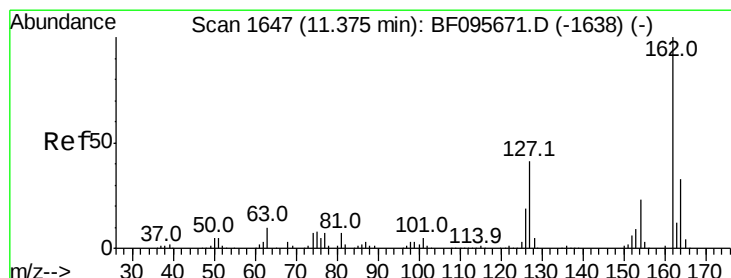
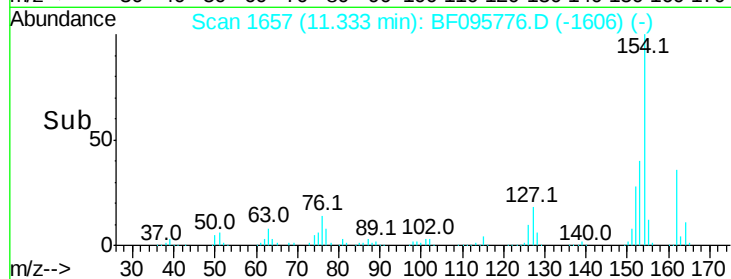
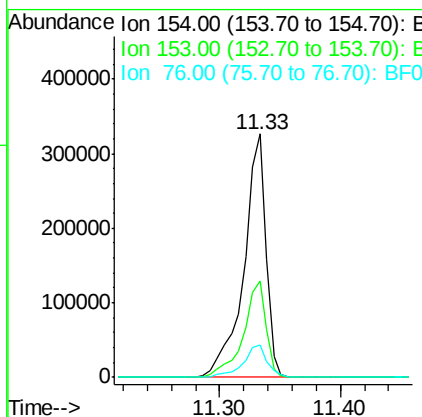
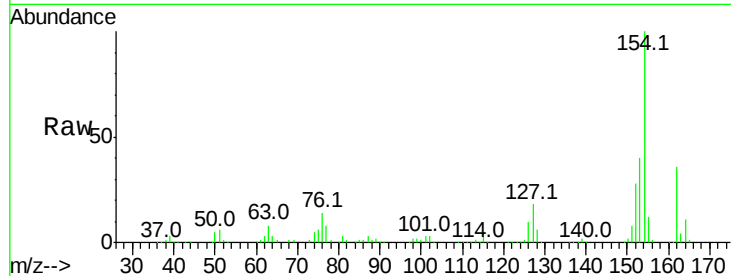
#45
1,1'-Biphenyl
Concen: 42.47 ng
RT: 11.33 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.2	61.2
76	13.6	0.0	29.9

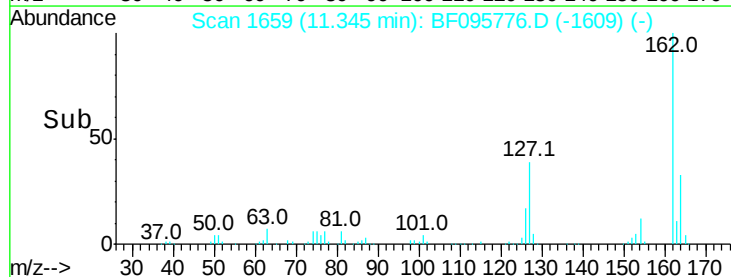
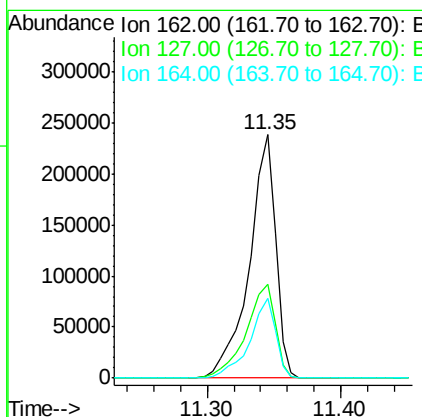
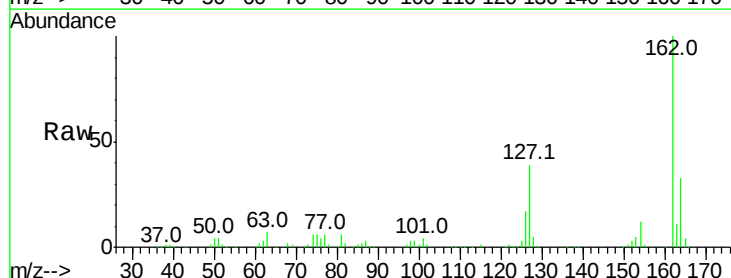
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#46
2-Chloronaphthalene
Concen: 42.03 ng
RT: 11.35 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	28.3	42.5
164	32.8	27.0	40.4





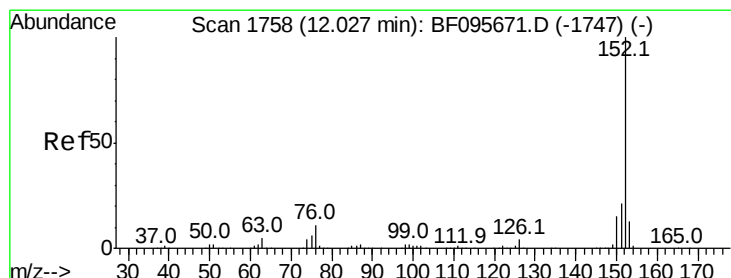
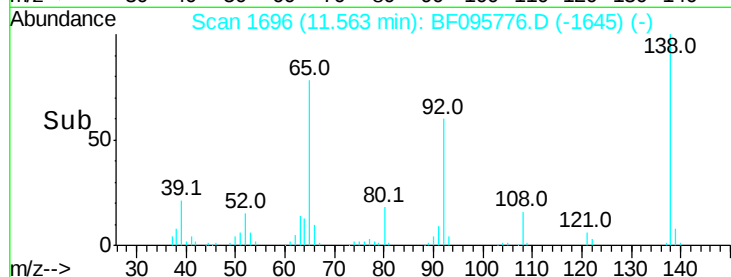
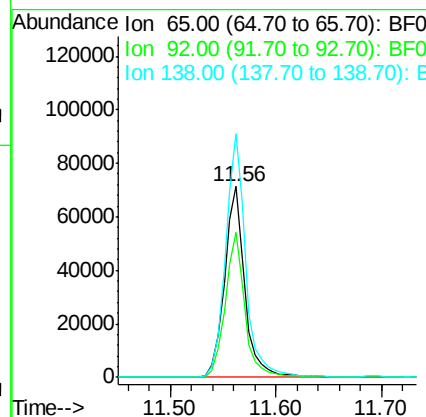
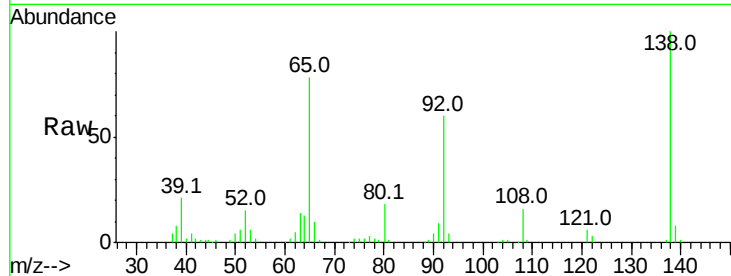
#47
2-Nitroaniline
Concen: 42.33 ng
RT: 11.56 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.1	53.9	80.9
138	127.5	78.8	118.2

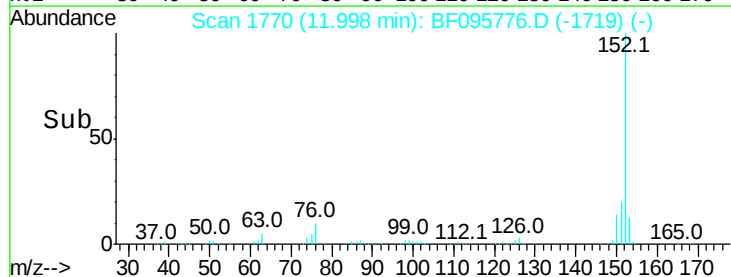
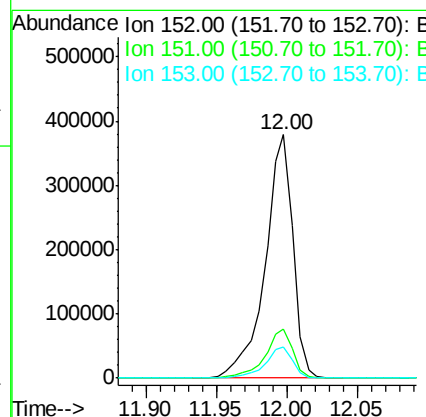
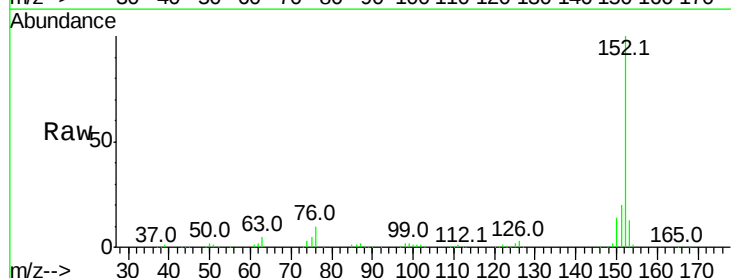
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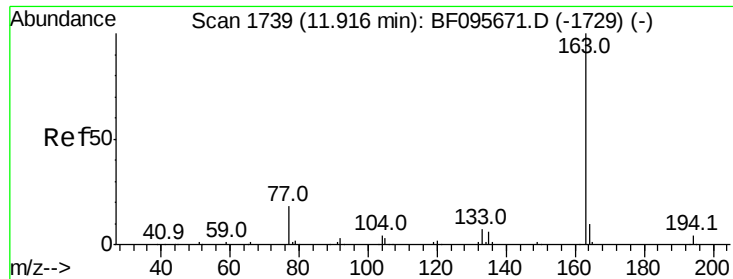
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#48
Acenaphthylene
Concen: 39.74 ng
RT: 12.00 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	12.7	10.8	16.2





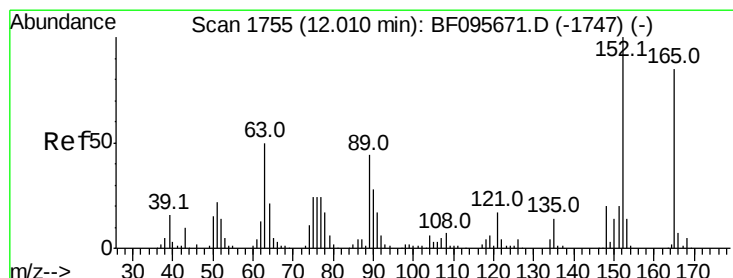
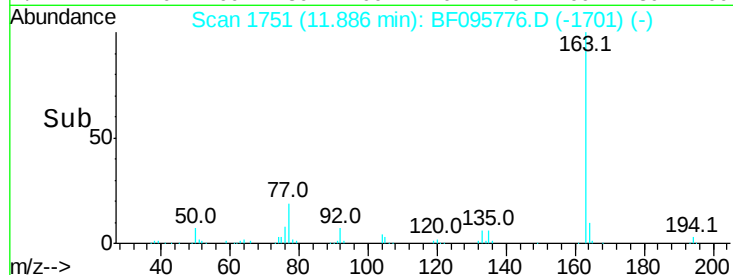
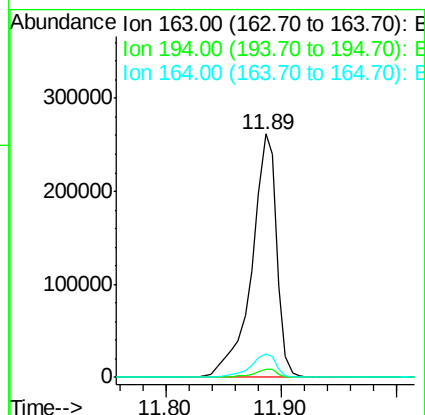
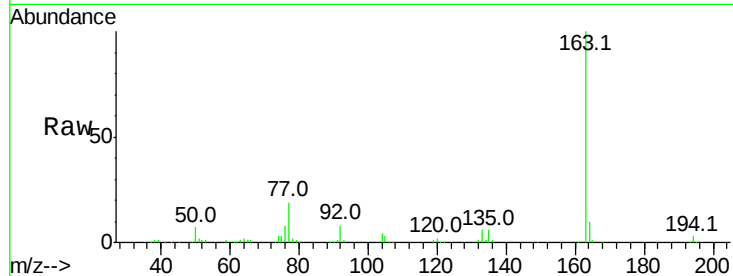
#49
Dimethylphthalate
Concen: 43.39 ng
RT: 11.89 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	9.7	8.4	12.6	

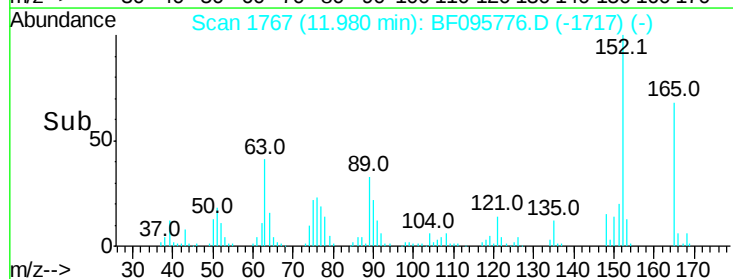
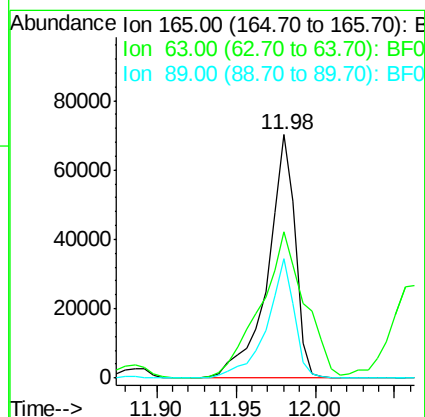
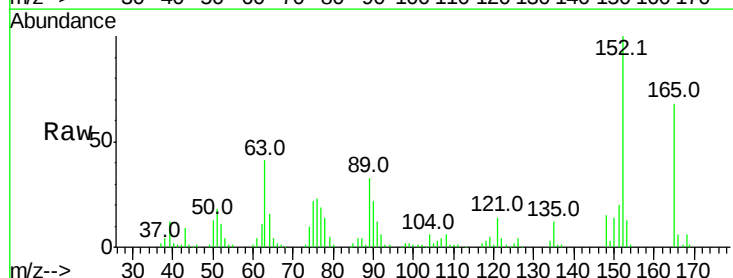
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 43.04 ng
RT: 11.98 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.2	34.3	51.5#	
89	49.2	37.1	55.7	





#51

Acenaphthene

Concen: 40.77 ng

RT: 12.28 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

PB99561BS

Tot Ion:154 Resp: 310088

Ion Ratio Lower Upper

154 100

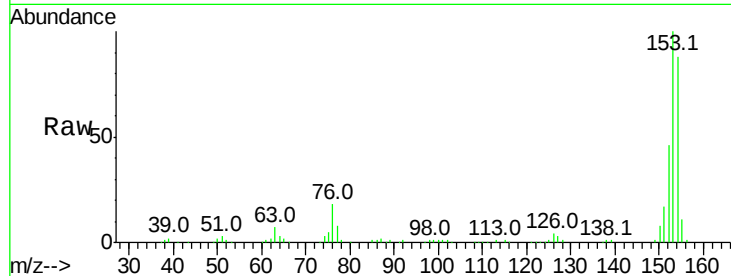
153 113.9 90.5 135.7

152 52.3 43.6 65.4

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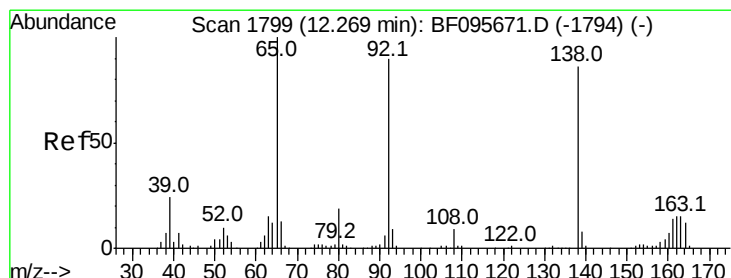
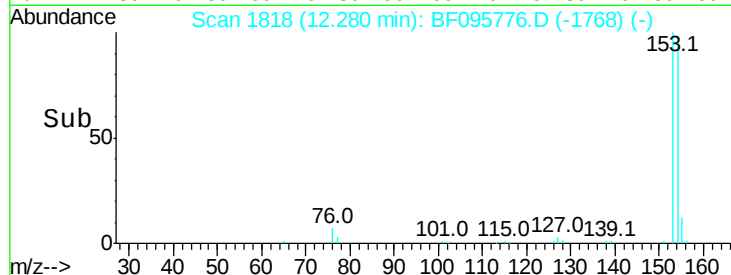
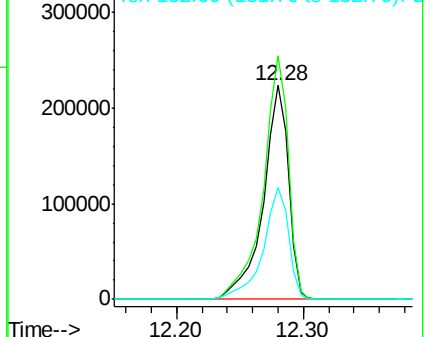
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.07 ng

RT: 12.24 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

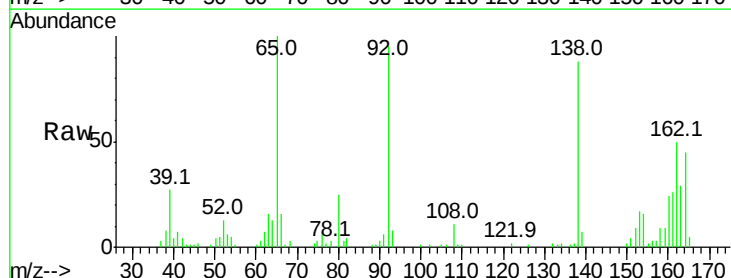
Tgt Ion:138 Resp: 60161

Ion Ratio Lower Upper

138 100

108 12.0 9.1 13.7

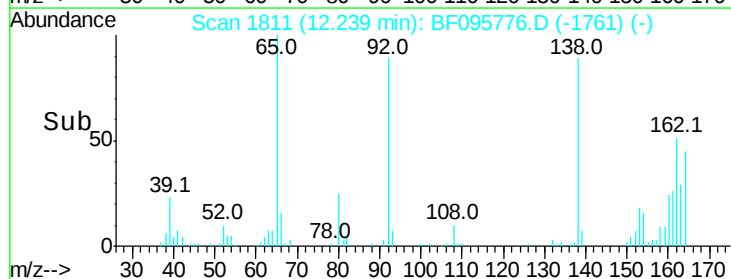
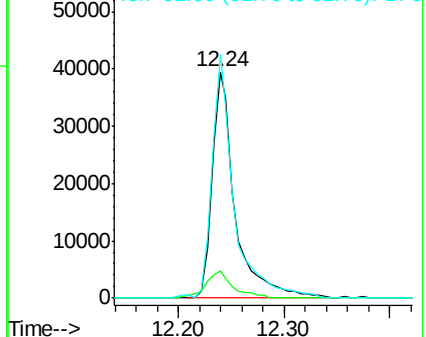
92 107.7 93.8 140.6

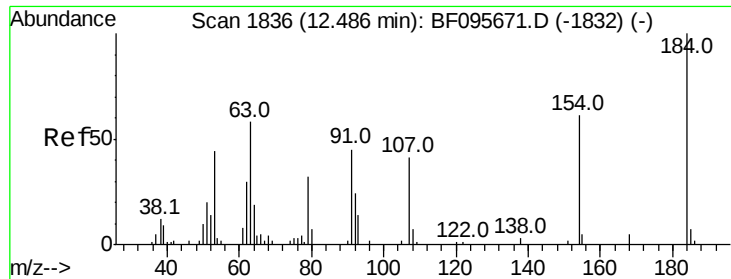


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





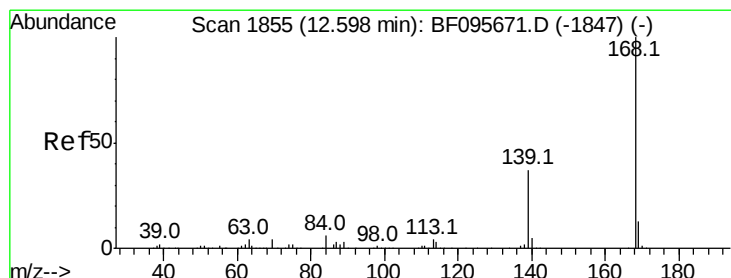
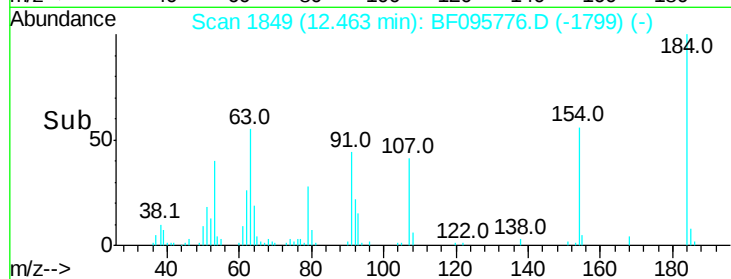
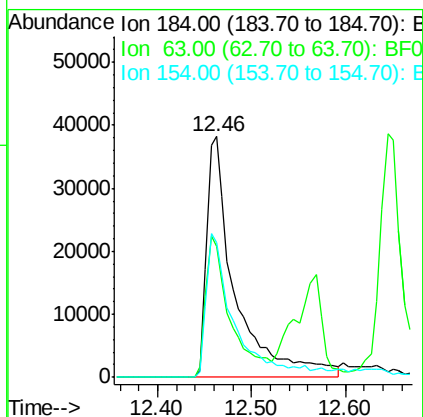
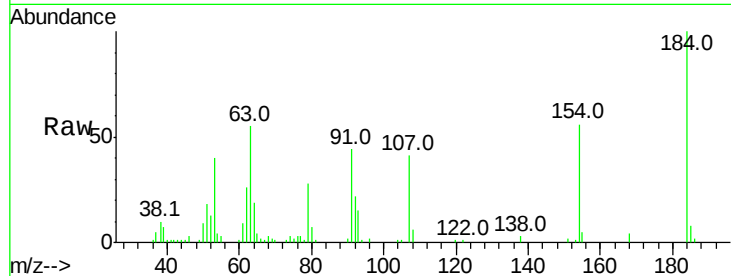
#53
 2,4-Dinitrophenol
 Concen: 72.81 ng
 RT: 12.46 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleID :
 PB99561BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.6	62.7	94.1#
154	55.9	81.1	121.7#

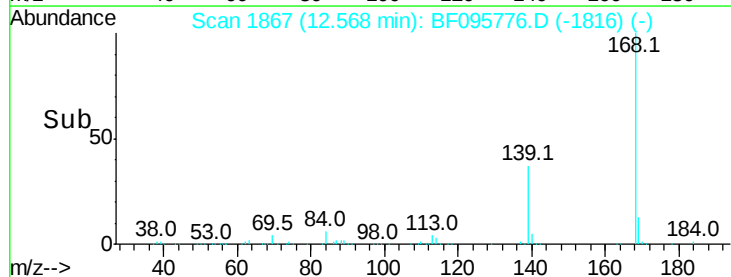
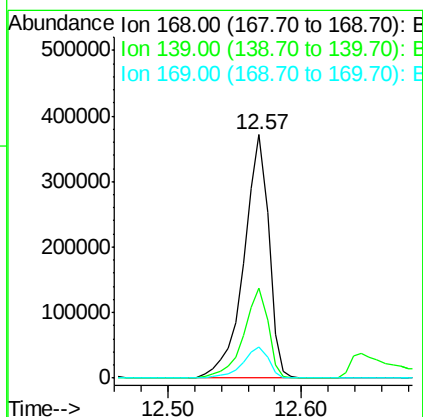
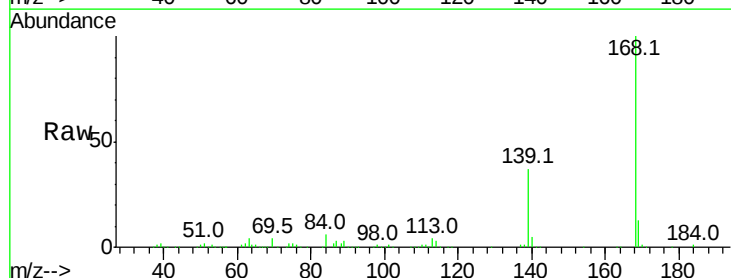
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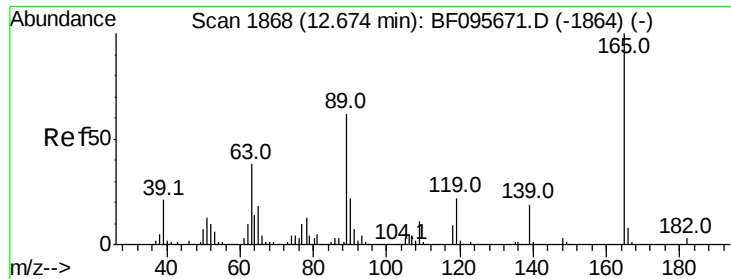
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#54
 Dibenzofuran
 Concen: 44.55 ng
 RT: 12.57 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.6	45.8
169	12.8	10.8	16.2





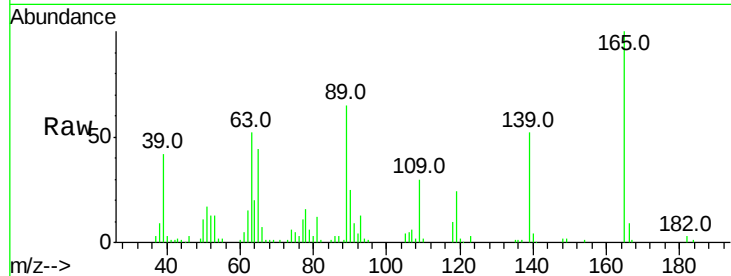
#55
4-Nitrophenol
Concen: 80.63 ng
RT: 12.64 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

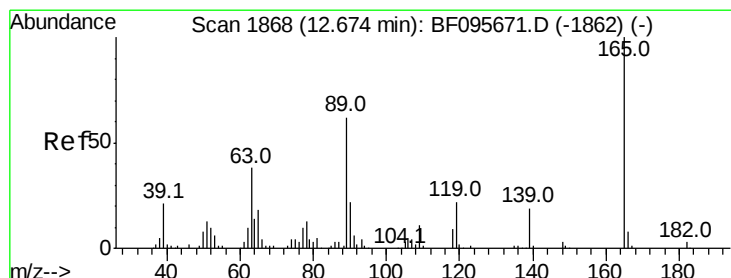
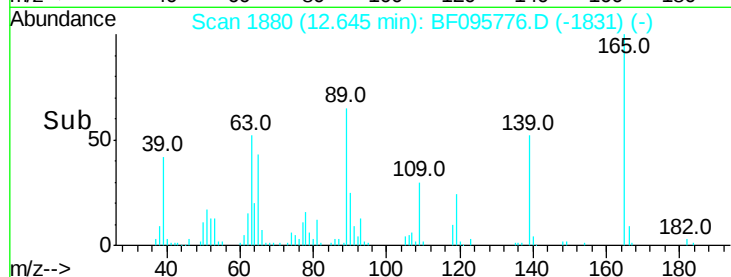
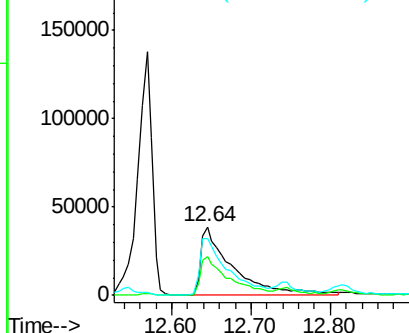
Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.2	34.1	74.1	
65	83.9	31.4	71.4	

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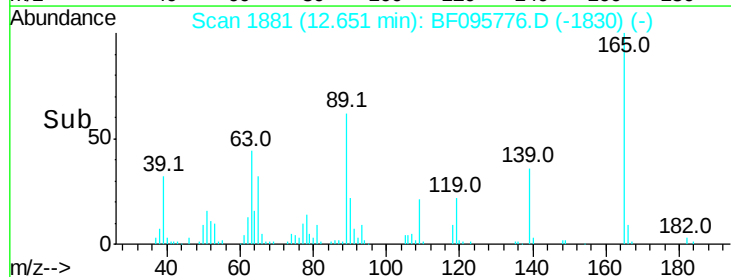
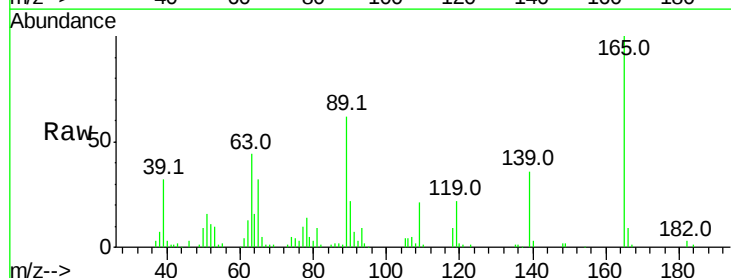
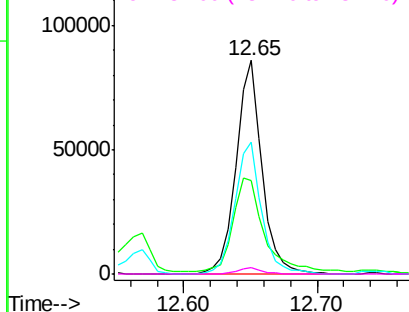
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BFO

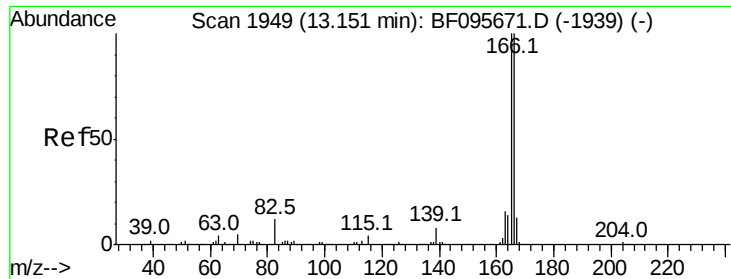


#56
2,4-Dinitrotoluene
Concen: 43.32 ng
RT: 12.65 min Scan# 1881
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.9	25.4	38.0	
89	61.8	46.4	69.6	
182	3.1	1.8	2.6	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BFO
Ion 89.00 (88.70 to 89.70): BFO
Ion 182.00 (181.70 to 182.70): E





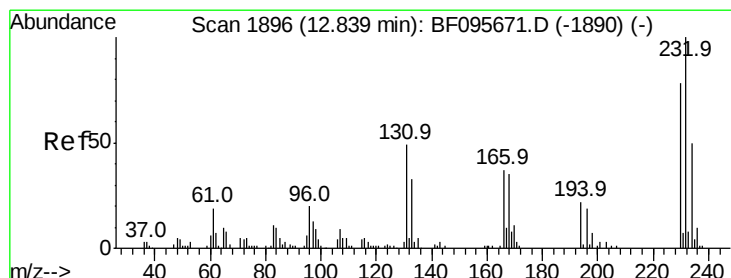
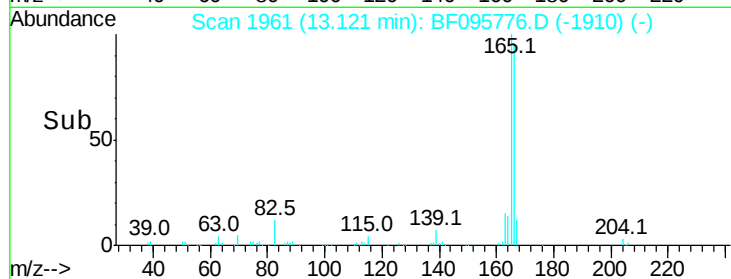
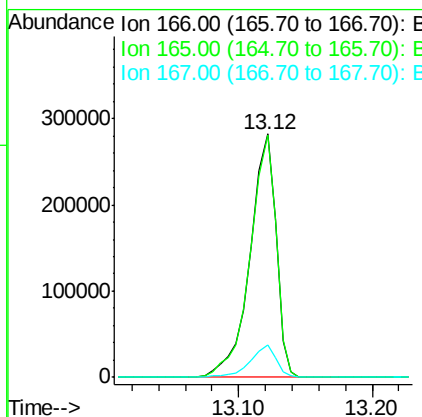
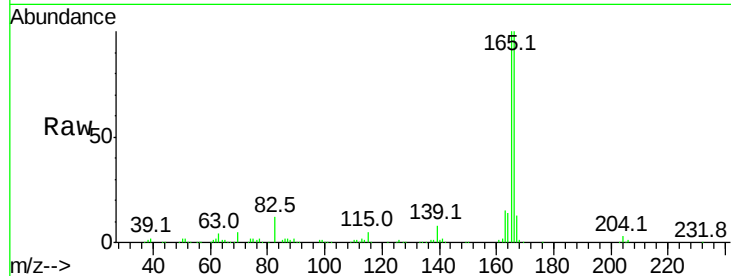
#57
 Fluorene
 Concen: 40.72 ng
 RT: 13.12 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB99561BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.1	10.6	16.0

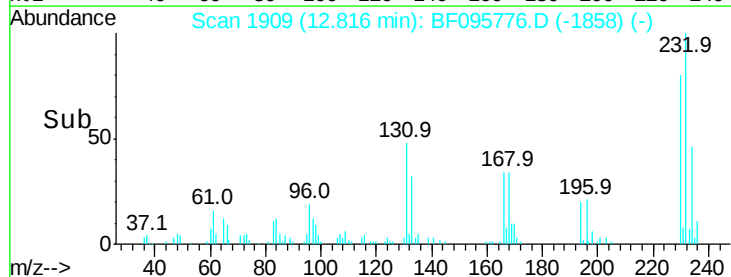
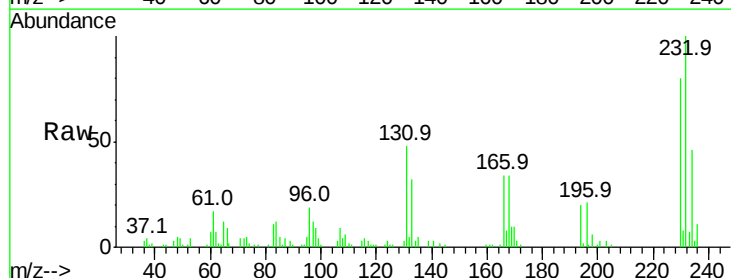
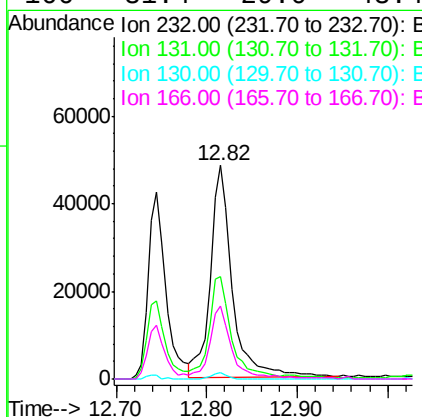
Manual Integrations
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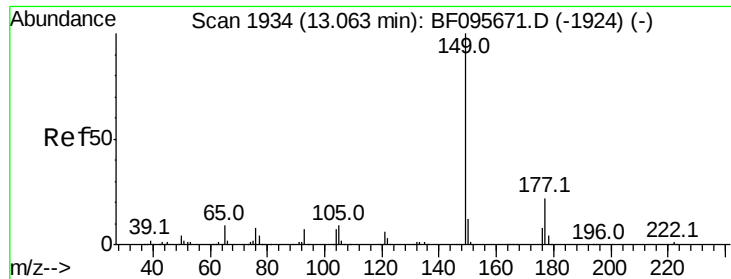
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.92 ng
 RT: 12.82 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.1	44.8	67.2
130	2.0	2.3	3.5#
166	31.4	29.0	43.4





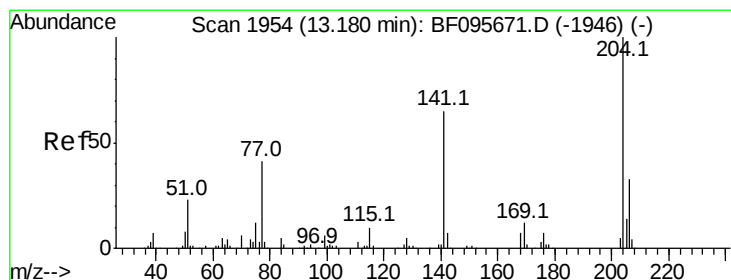
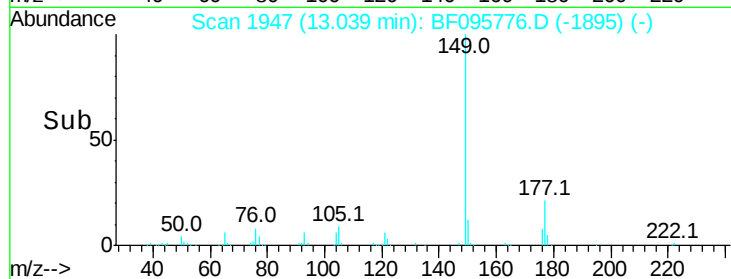
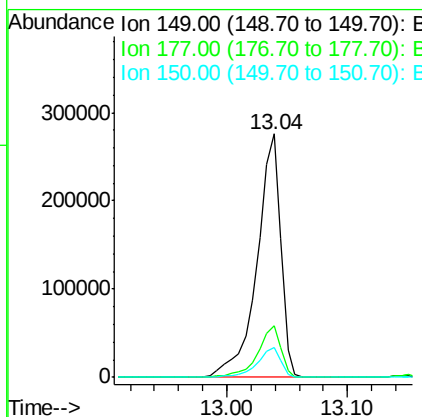
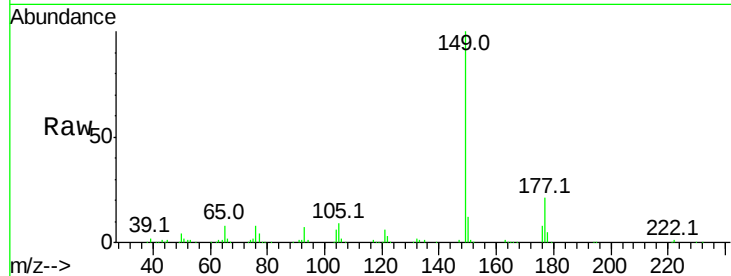
#59
Diethylphthalate
Concen: 43.49 ng
RT: 13.04 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.1	10.2	15.2

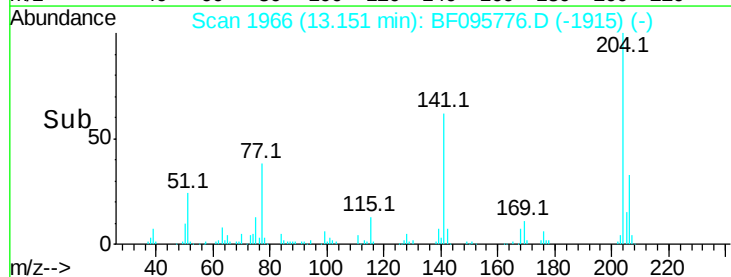
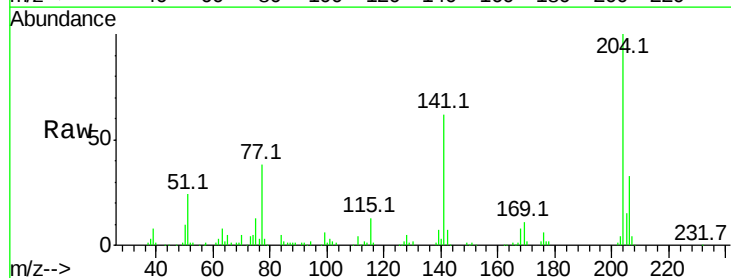
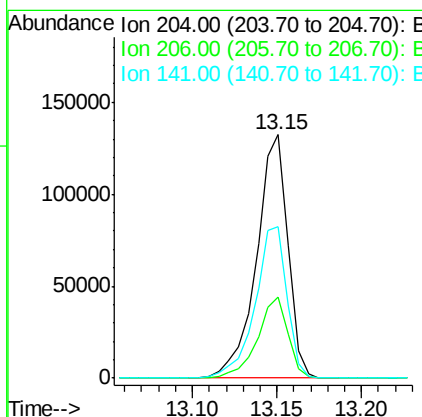
Manual Integrations
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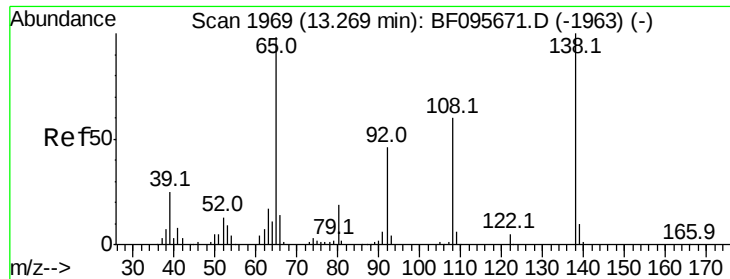
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 41.94 ng
RT: 13.15 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	62.0	60.8	91.2





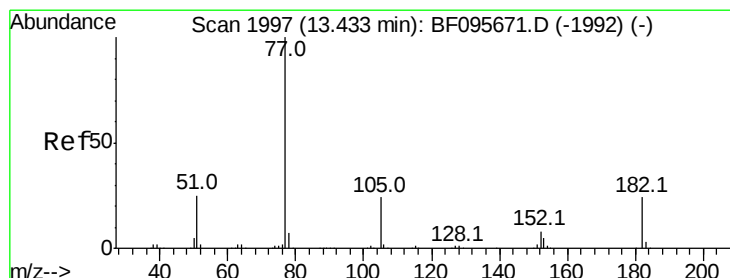
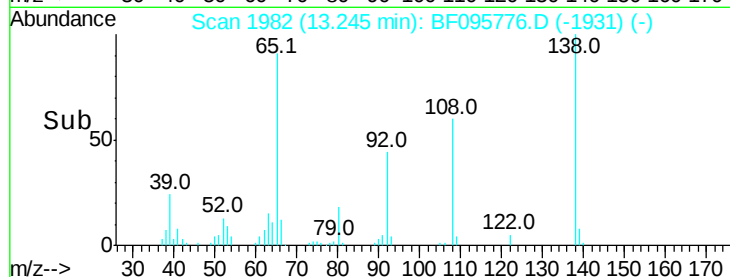
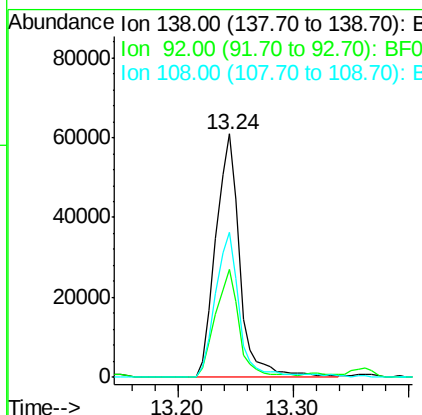
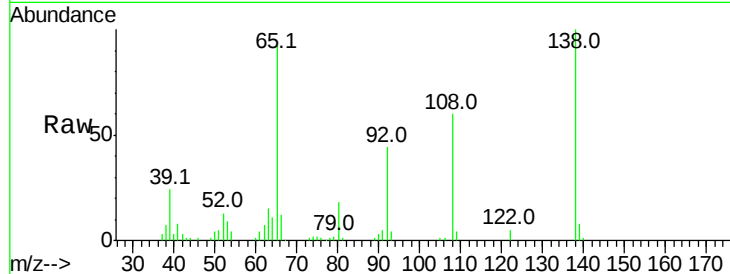
#61
4-Nitroaniline
Concen: 41.34 ng
RT: 13.24 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.4	21.8	61.8
108	59.6	42.3	82.3

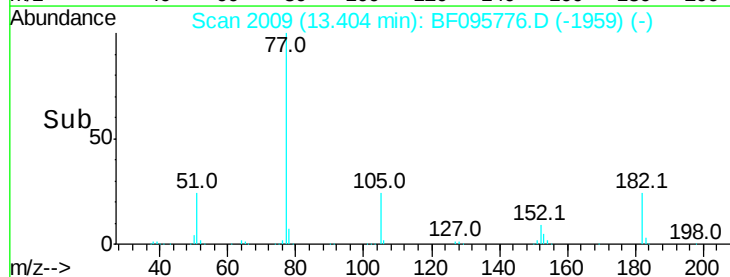
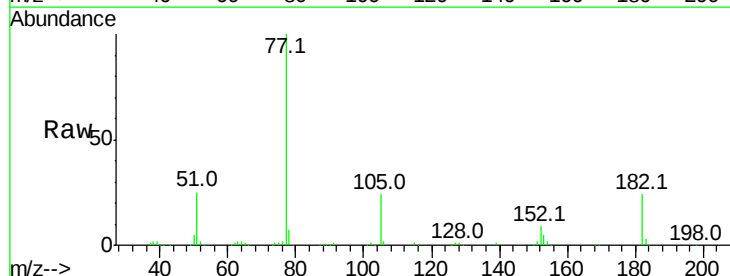
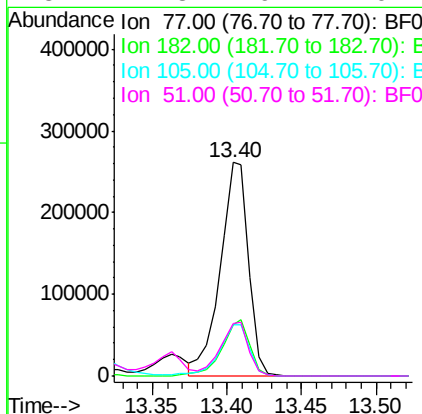
Manual Integrations
APPROVED

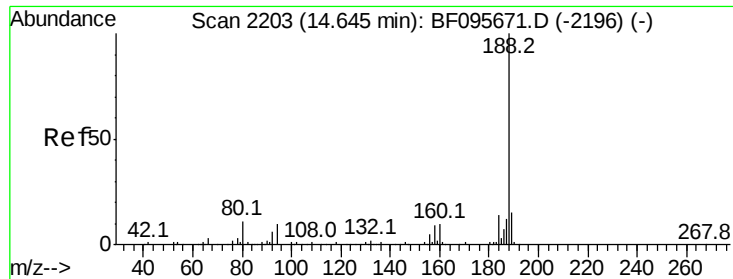
mohammad
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#62
Azobenzene
Concen: 44.03 ng
RT: 13.40 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	0.1	40.1
105	23.7	3.6	43.6
51	24.8	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

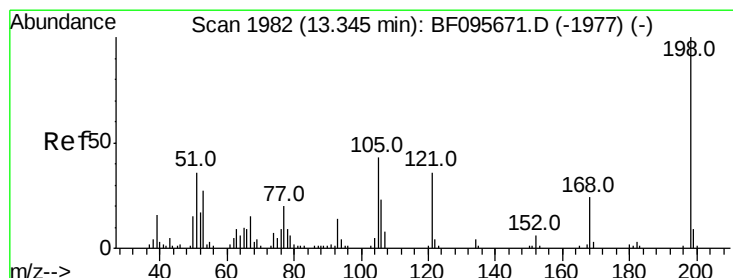
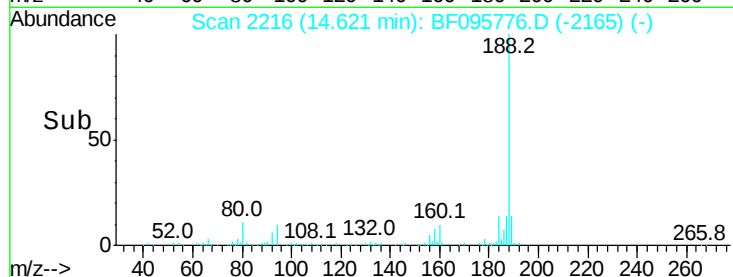
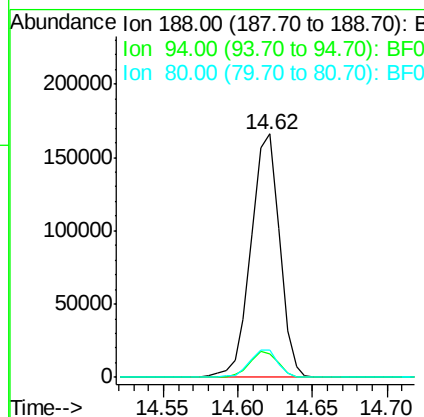
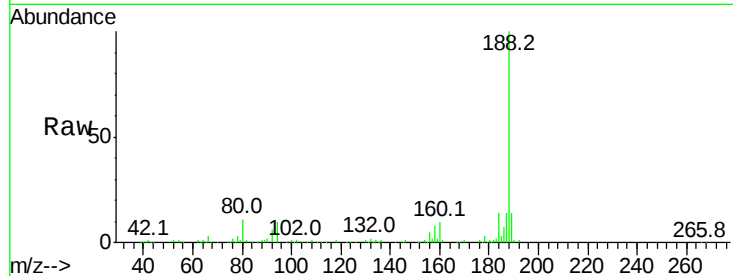
ClientSampleId :

PB99561BS

Tot Ion:	188	Resp:	220147
Ion Ratio	Lower	Upper	
188	100		
94	9.8	9.4	14.2
80	11.2	10.2	15.2

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 38.88 ng

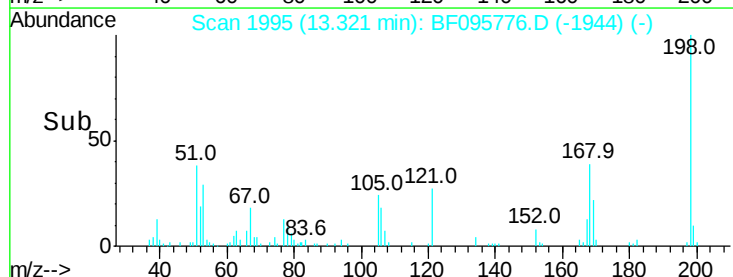
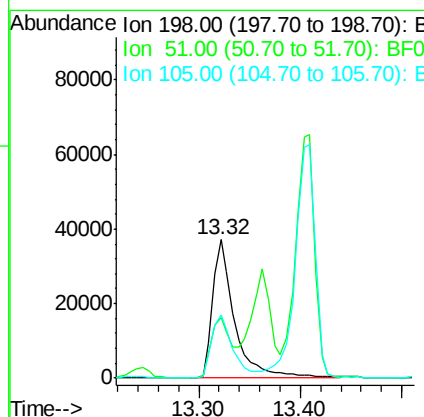
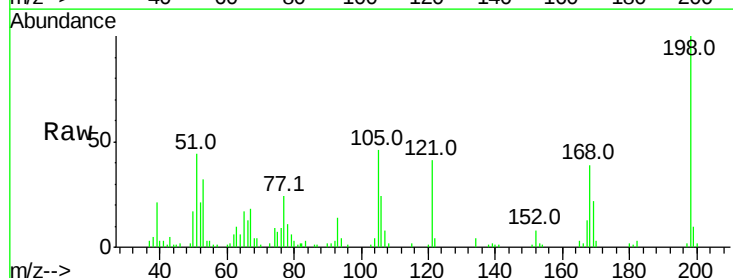
RT: 13.32 min Scan# 1995

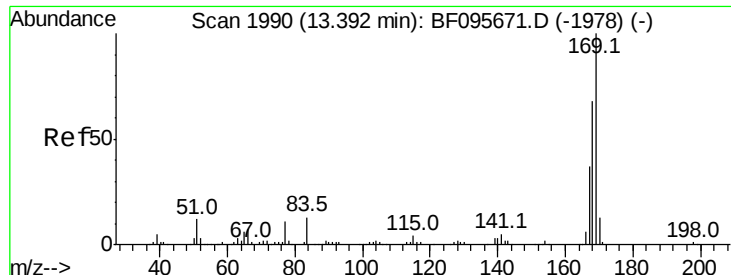
Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:	198	Resp:	56254
Ion Ratio	Lower	Upper	
198	100		
51	43.9	53.2	93.2#
105	46.1	45.8	85.8





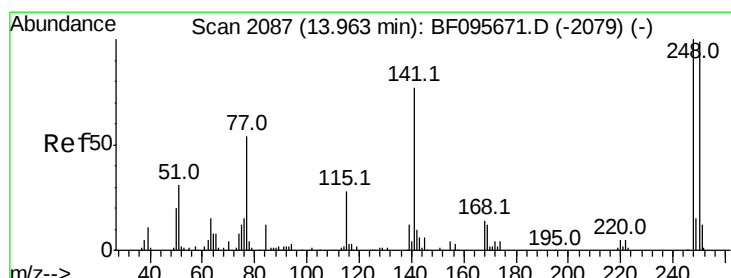
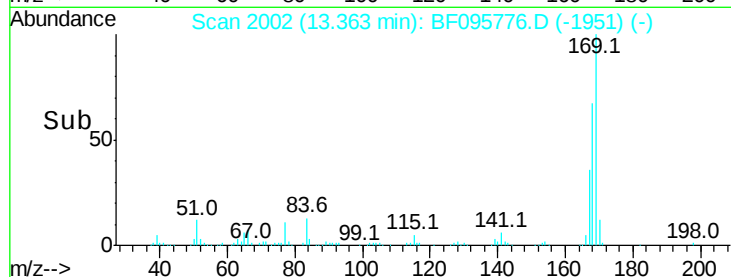
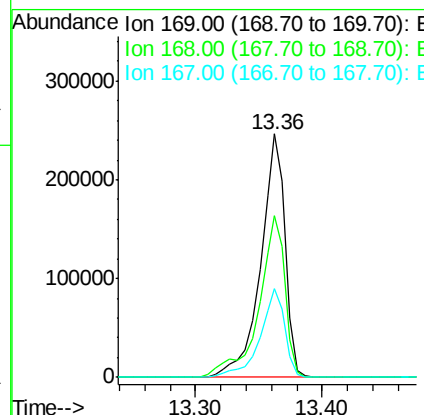
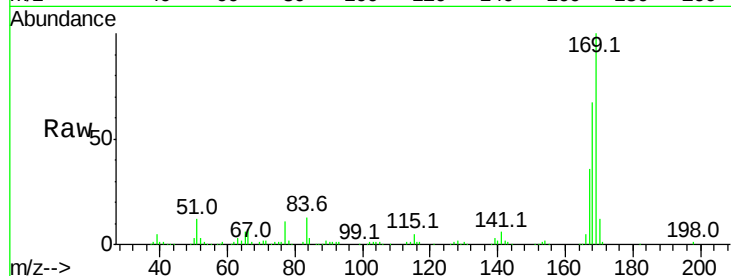
#65
n-Nitrosodiphenylamine
Concen: 41.86 ng
RT: 13.36 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	331115		
168	66.5	53.2	79.8	
167	36.2	29.5	44.3	

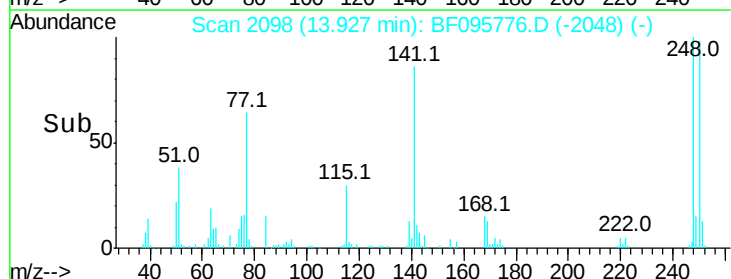
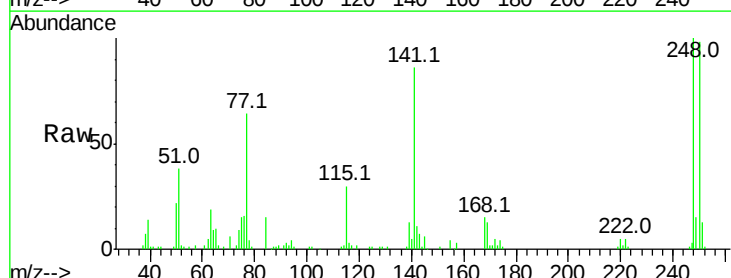
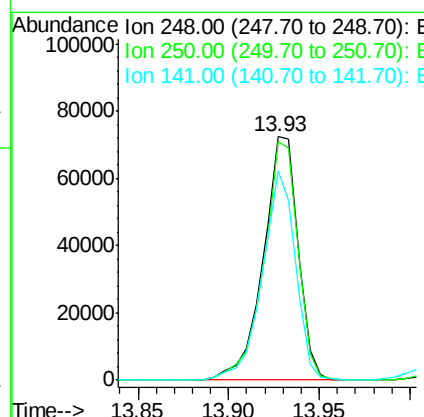
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#66
4-Bromophenyl-phenylether
Concen: 42.40 ng
RT: 13.93 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	97007		
250	98.0	76.8	115.2	
141	85.8	68.6	103.0	





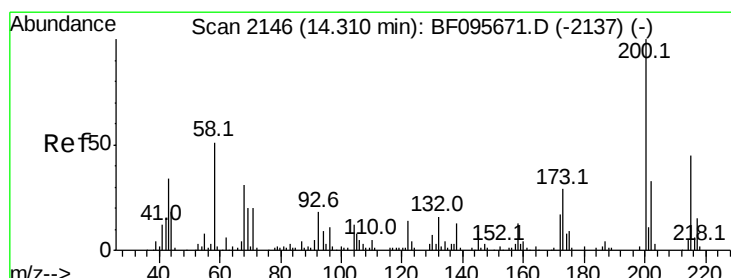
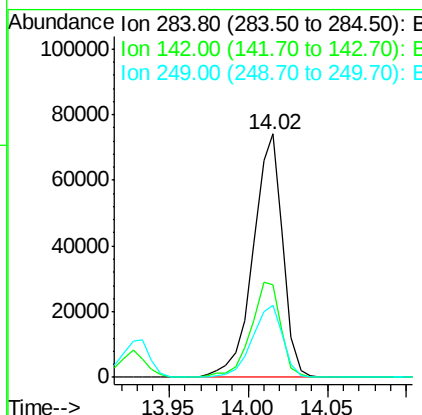
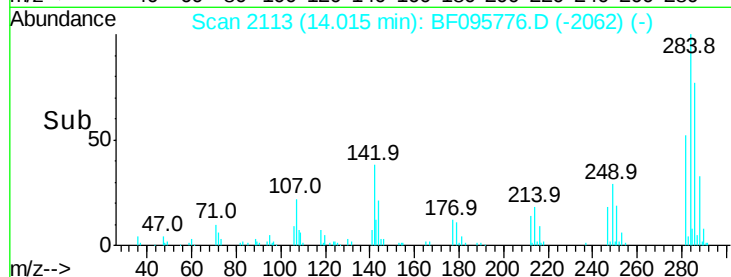
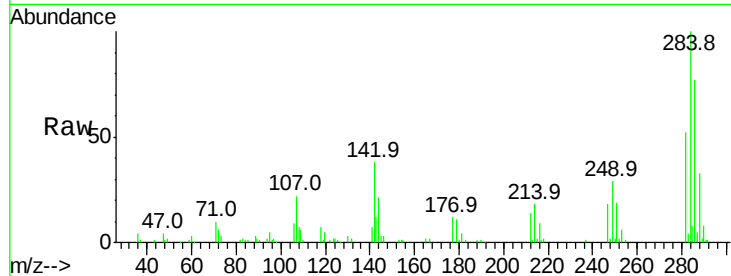
#67
Hexachlorobenzene
Concen: 42.63 ng
RT: 14.02 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.8	22.8	34.2	
249	29.4	24.0	36.0	

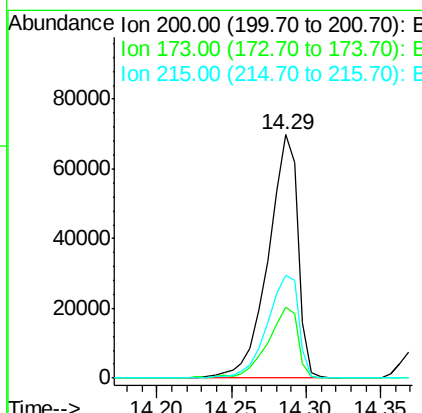
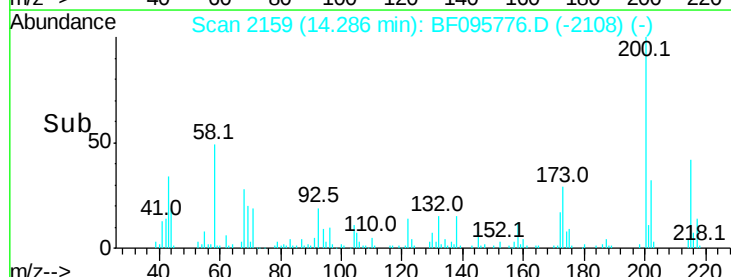
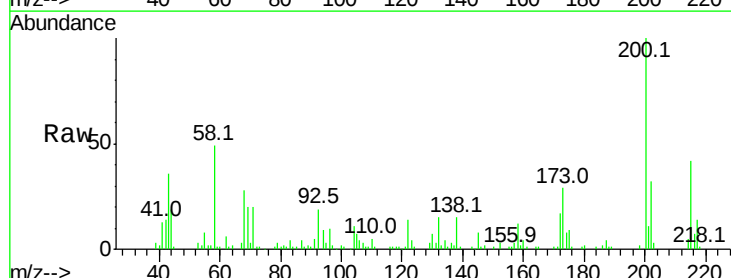
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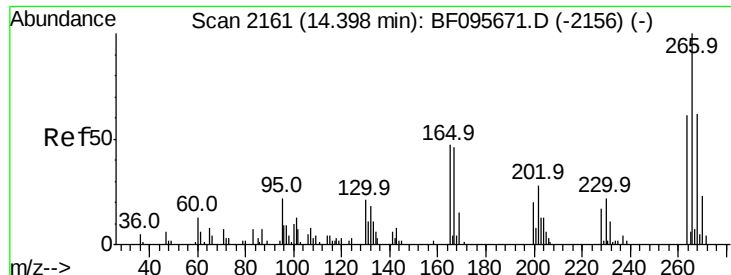
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#68
Atrazine
Concen: 43.96 ng
RT: 14.29 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.1	6.3	46.3	
215	42.3	27.2	67.2	





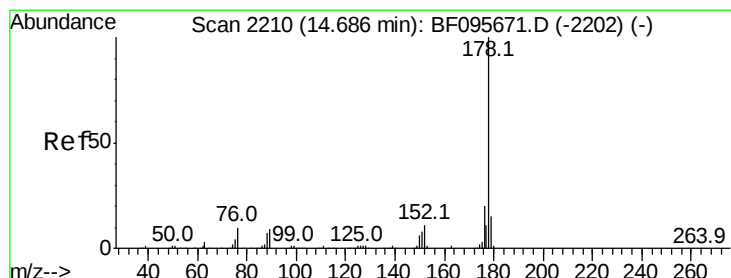
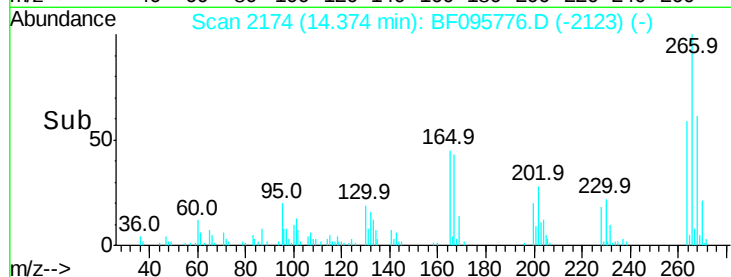
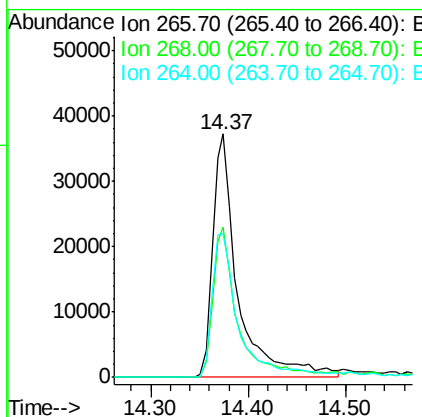
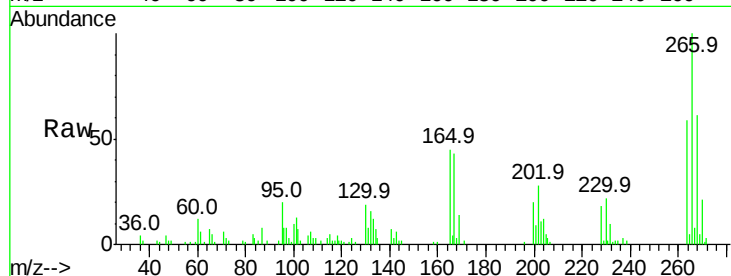
#69
 Pentachlorophenol
 Concen: 77.84 ng
 RT: 14.37 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleID :
 PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	66378		
268	61.5		51.1	76.7
264	59.1		51.7	77.5

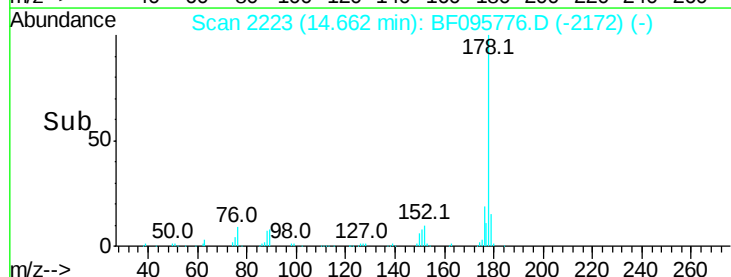
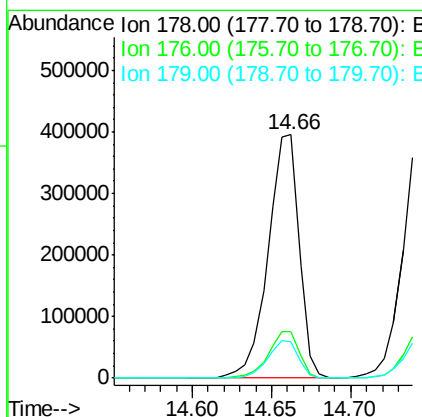
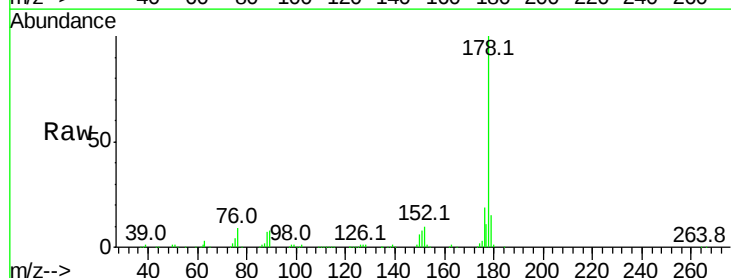
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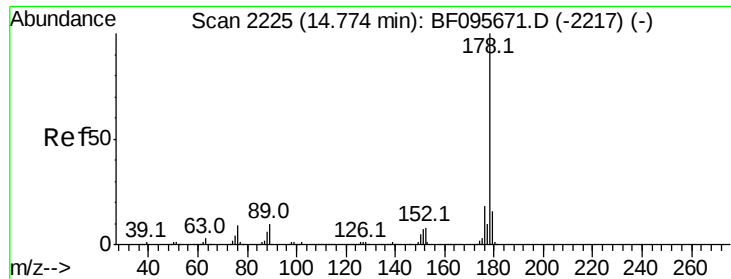
mohammad
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#70
 Phenanthrene
 Concen: 42.52 ng
 RT: 14.66 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	540112		
176	19.0		16.2	24.4
179	14.9		12.6	19.0





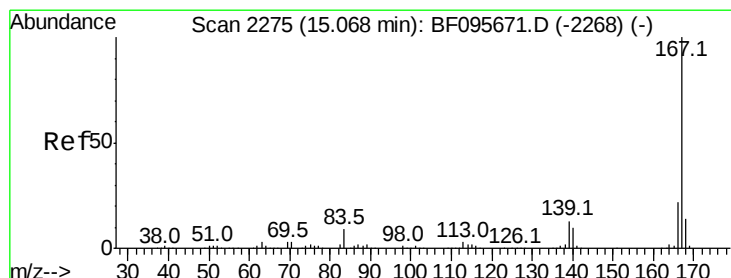
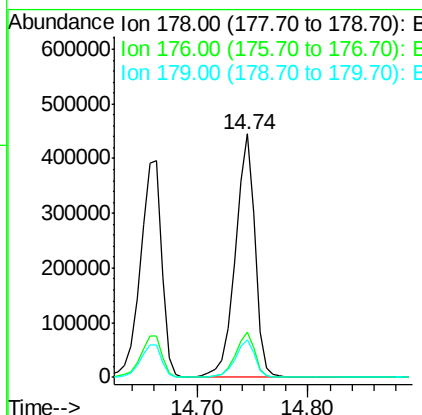
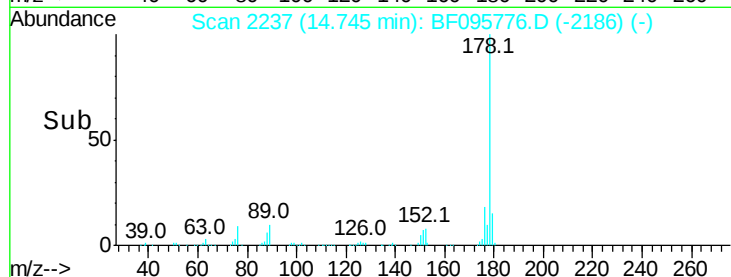
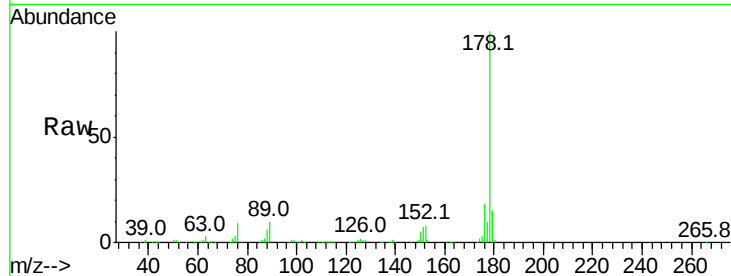
#71
 Anthracene
 Concen: 41.84 ng
 RT: 14.74 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB99561BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.3	12.7	19.1

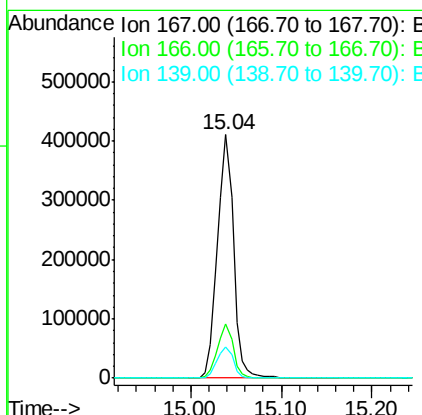
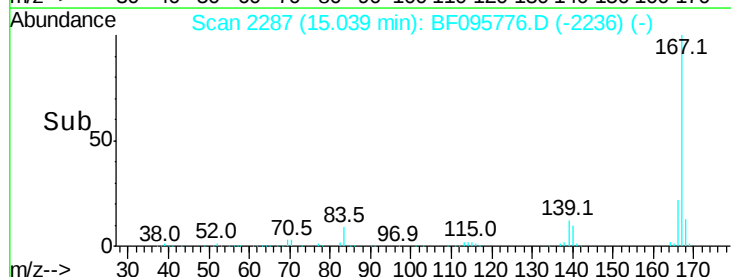
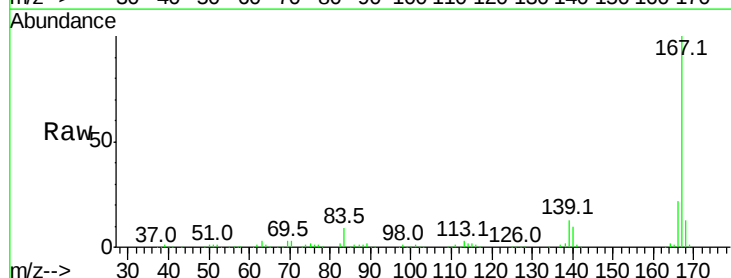
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#72
 Carbazole
 Concen: 39.18 ng
 RT: 15.04 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	12.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.73 ng

RT: 15.63 min Scan# 2388

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

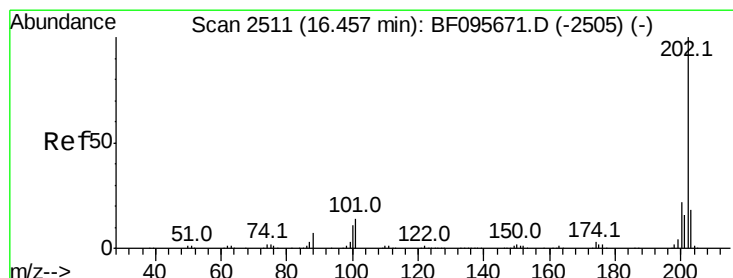
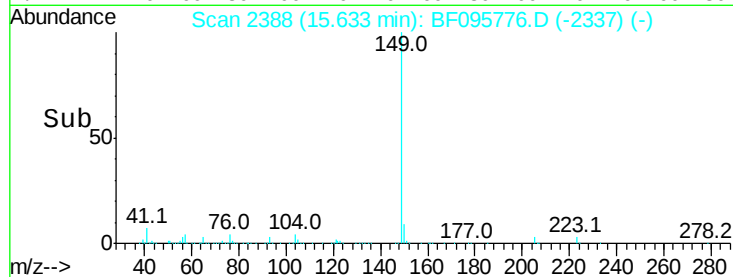
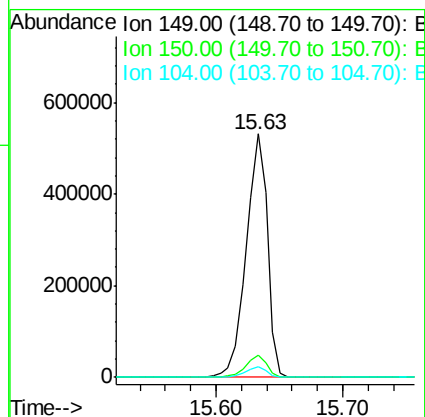
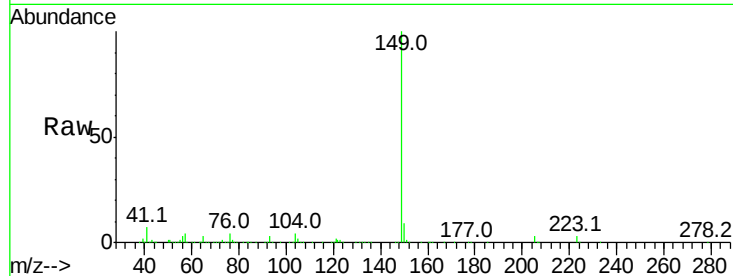
ClientSampleId :

PB99561BS

Tot Ion:	149	Resp:	614953
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.2	4.0	6.0

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#74

Fluoranthene

Concen: 43.40 ng

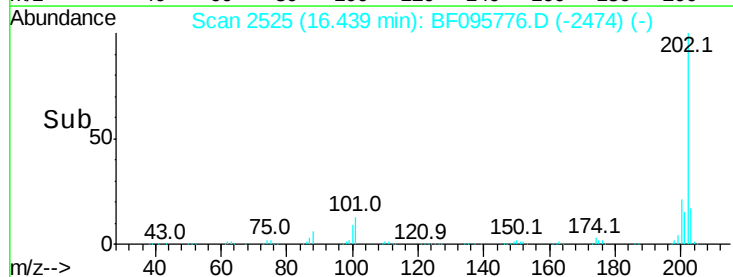
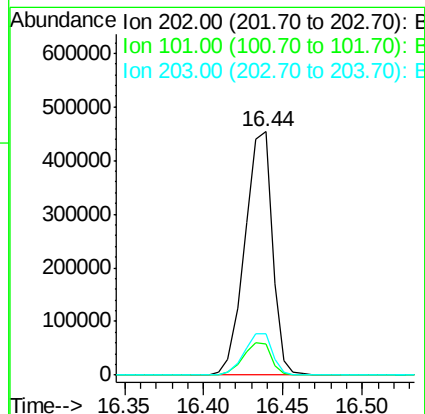
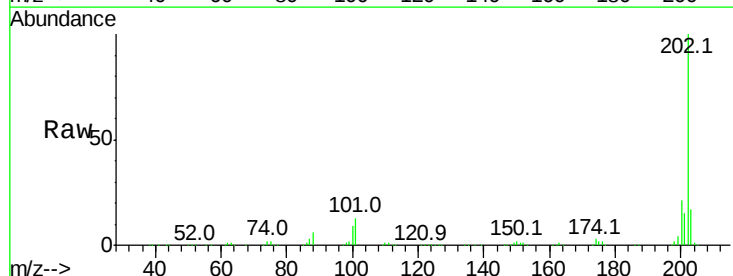
RT: 16.44 min Scan# 2525

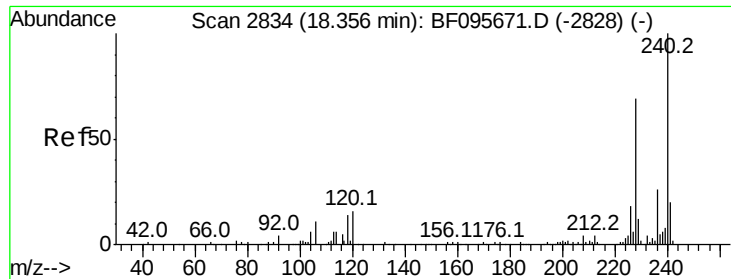
Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:	202	Resp:	545606
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	33.2
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.34 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

PB99561BS

Tot Ion:240 Resp: 171995

Ion Ratio Lower Upper

240 100

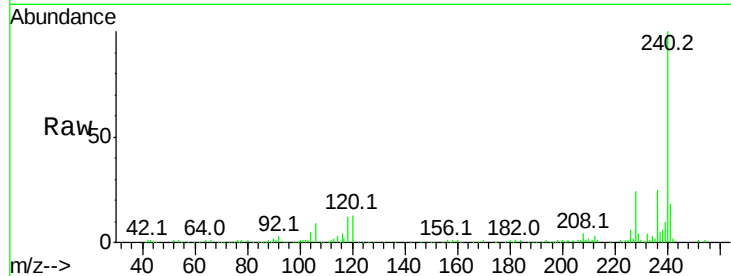
120 13.1 5.8 8.8#

236 25.0 20.5 30.7

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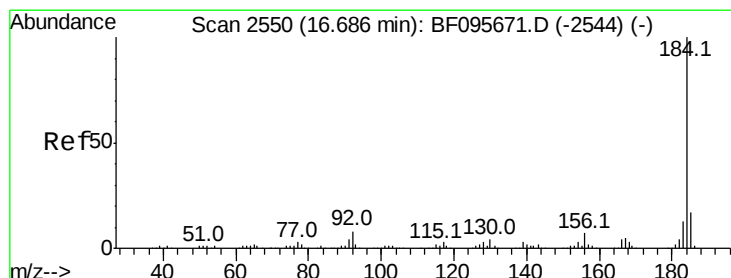
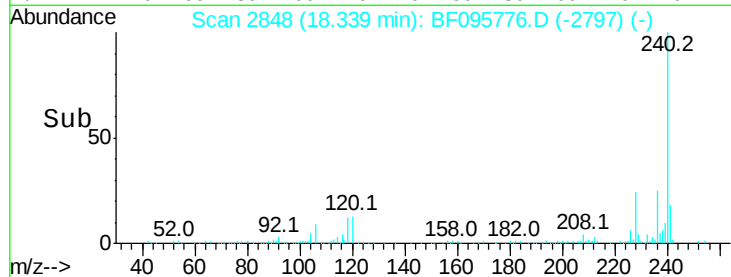
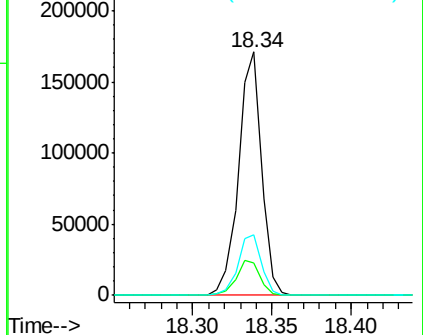
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.19 ng

RT: 16.66 min Scan# 2563

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

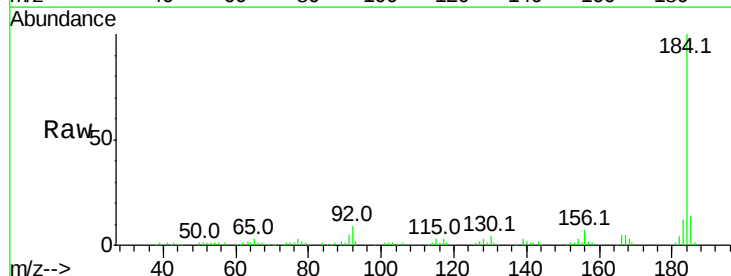
Tgt Ion:184 Resp: 133355

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

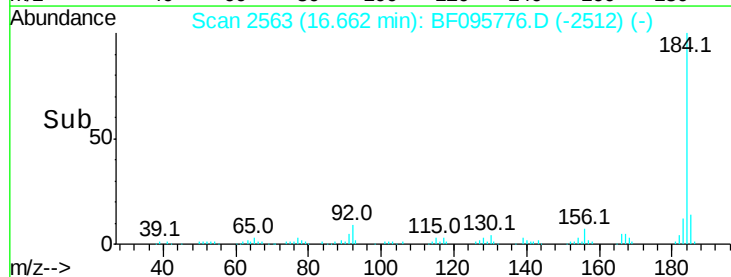
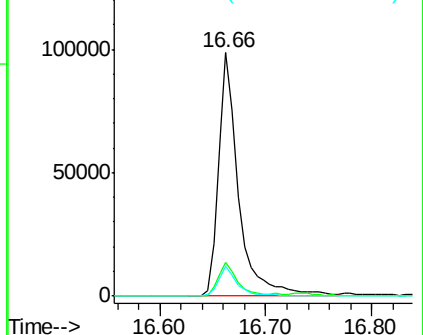
183 12.2 9.8 14.6

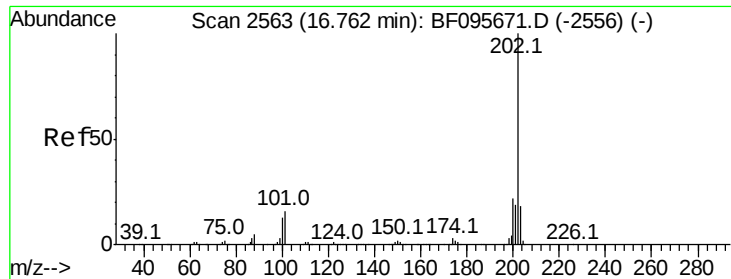


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.32 ng

RT: 16.74 min Scan# 2576

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

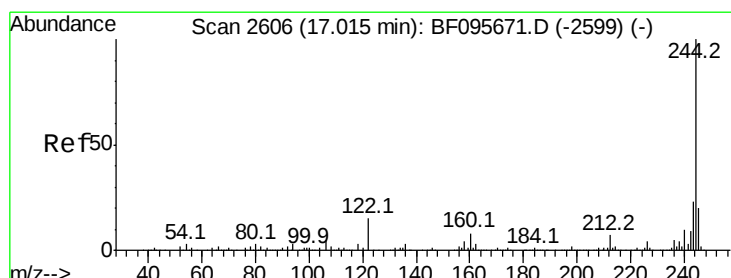
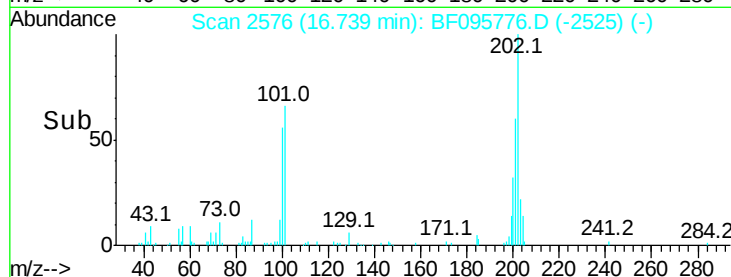
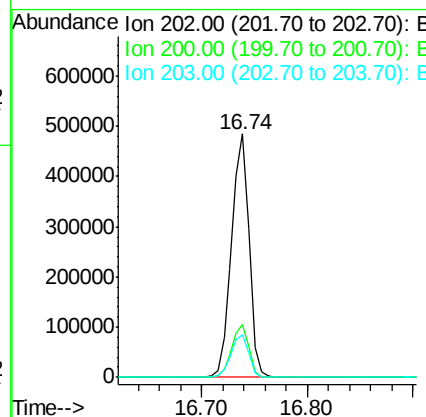
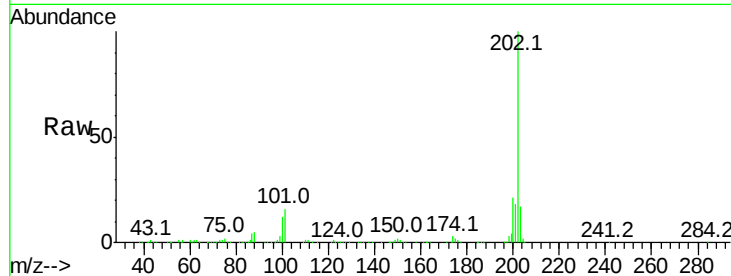
ClientSampleId :

PB99561BS

Tot Ion:	202	Resp:	555920
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	17.5	14.4	21.6

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#78

Terphenyl-d14

Concen: 91.47 ng

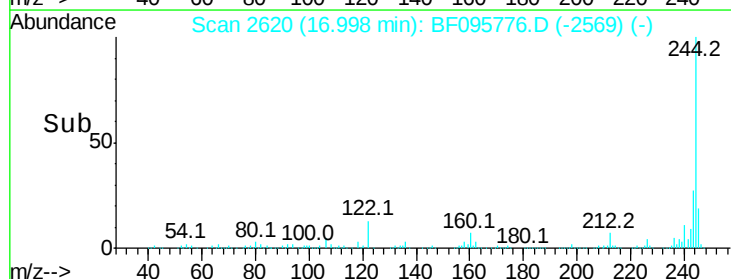
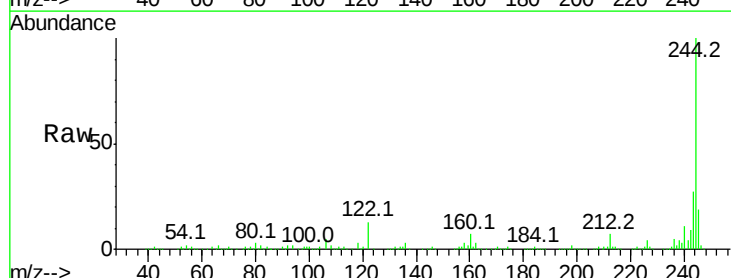
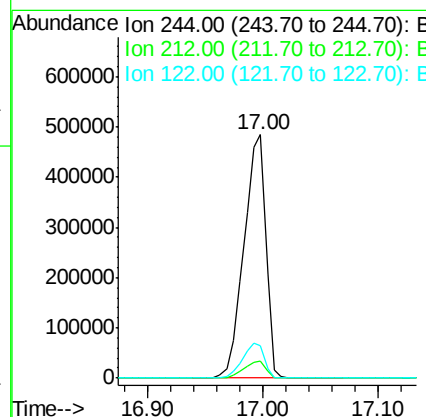
RT: 17.00 min Scan# 2620

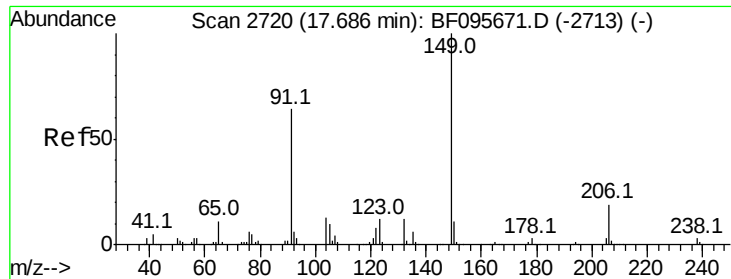
Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:	244	Resp:	633951
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	13.3	10.3	15.5





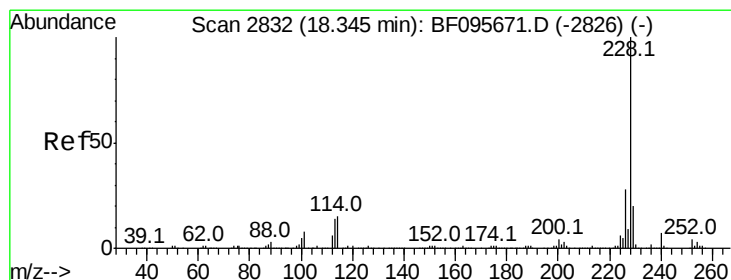
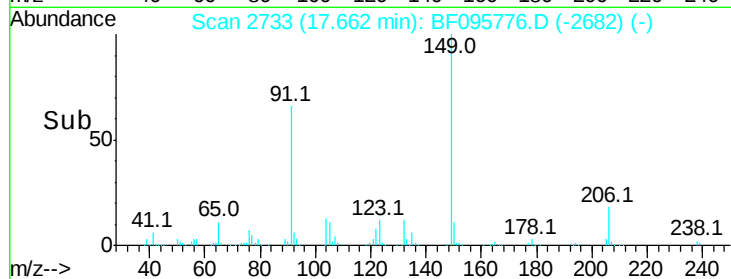
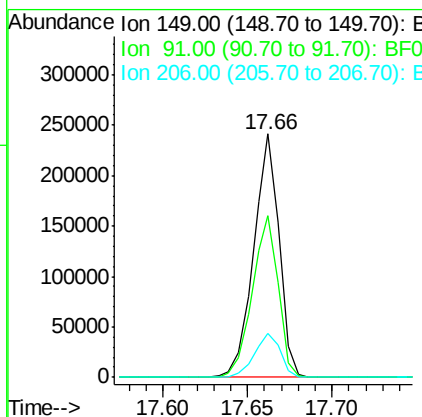
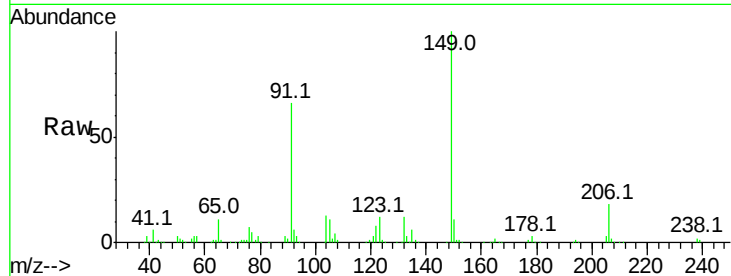
#79
Butylbenzylphthalate
Concen: 45.23 ng
RT: 17.66 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	253514		
91	66.3	45.0	67.4	
206	18.1	17.0	25.6	

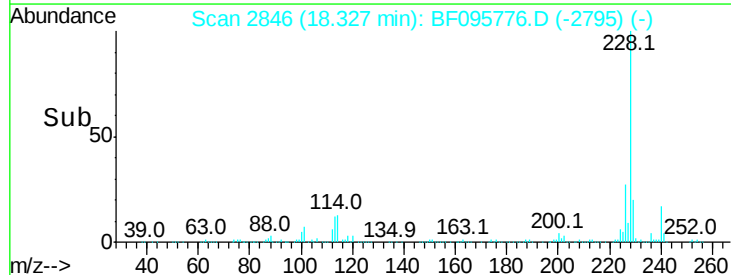
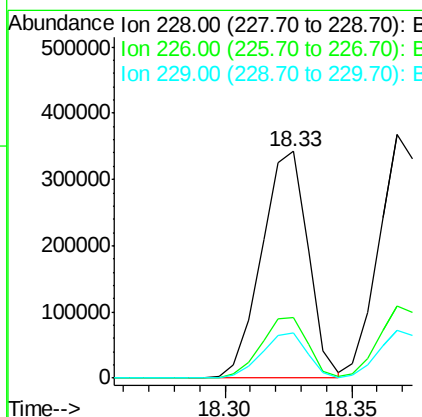
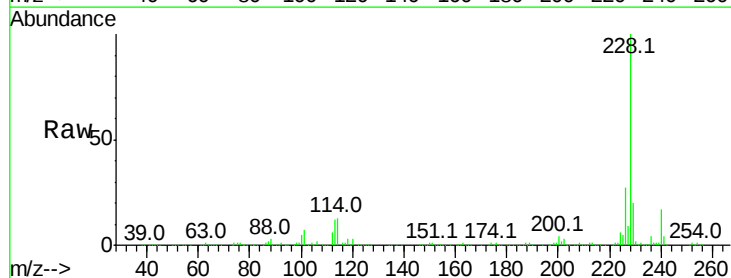
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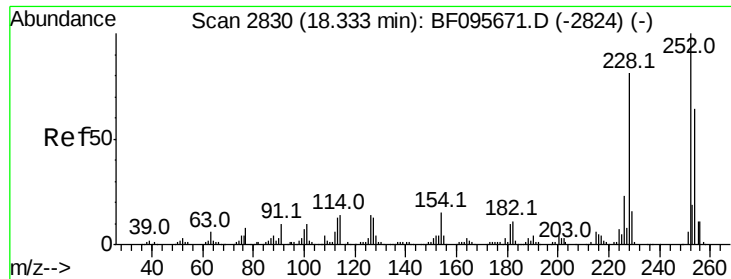
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#80
Benzo(a)anthracene
Concen: 43.31 ng
RT: 18.33 min Scan# 2846
Delta R.T. 0.00 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	433108		
226	26.9	22.6	33.8	
229	19.7	16.3	24.5	





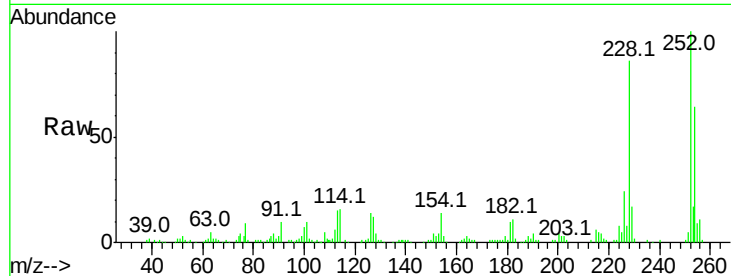
#81
 3,3'-Dichlorobenzidine
 Concen: 28.76 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB99561BS

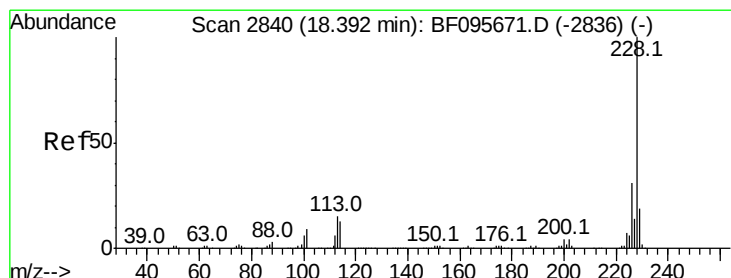
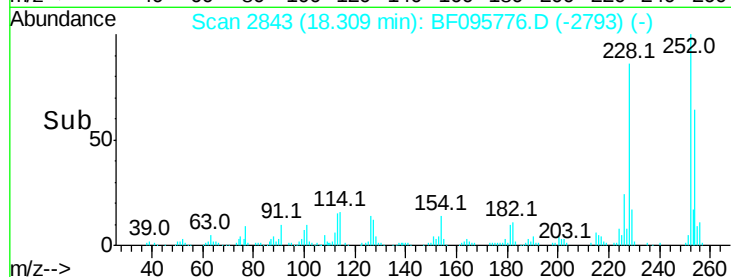
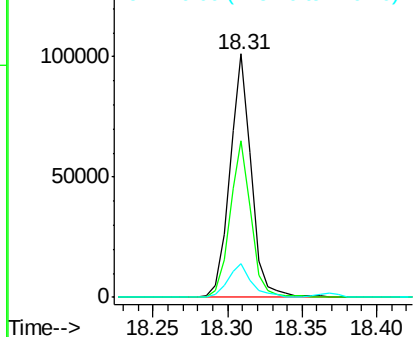
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	13.6	15.8	23.8

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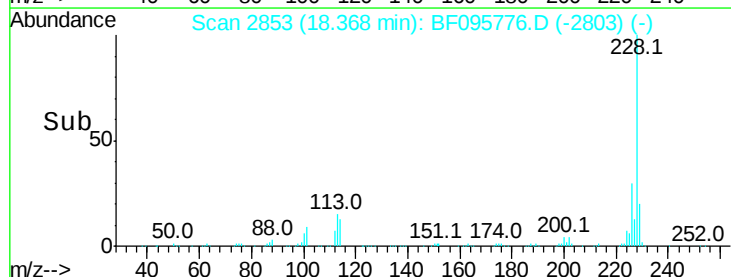
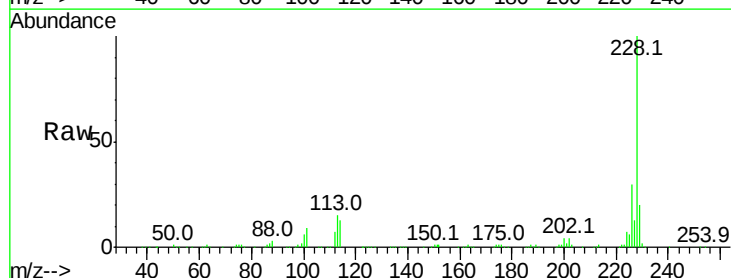
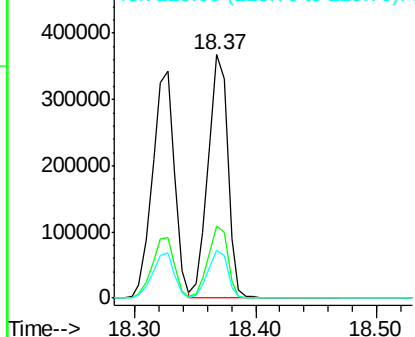
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

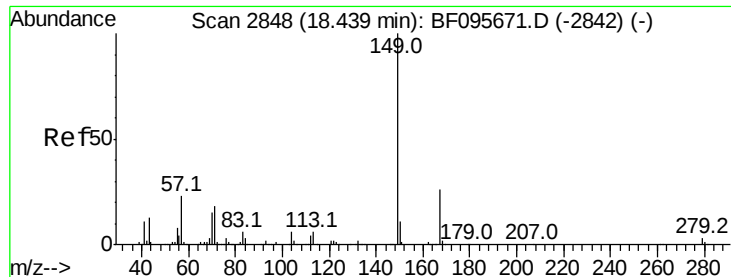


#82
 Chrysene
 Concen: 41.47 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	19.8	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





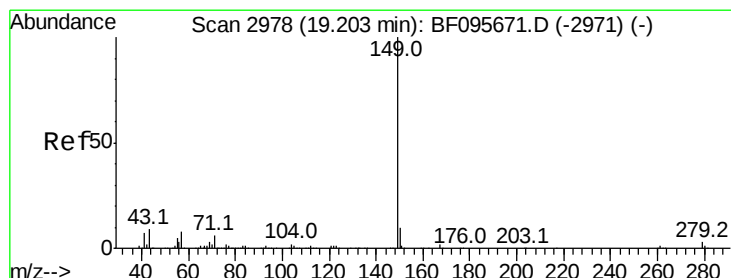
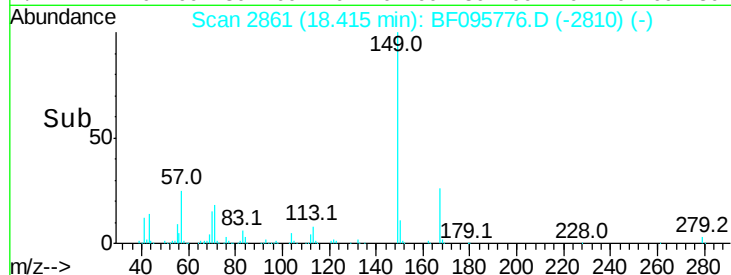
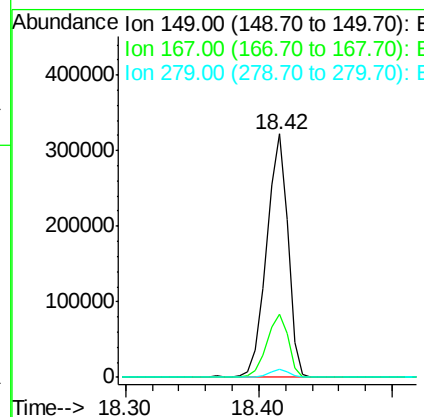
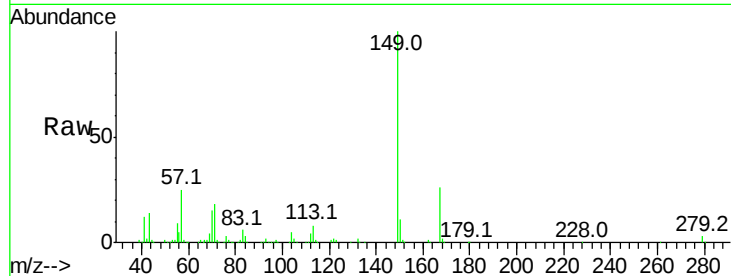
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.85 ng
 RT: 18.42 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB99561BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.1	21.0	31.4	
279	3.3	1.9	2.9	

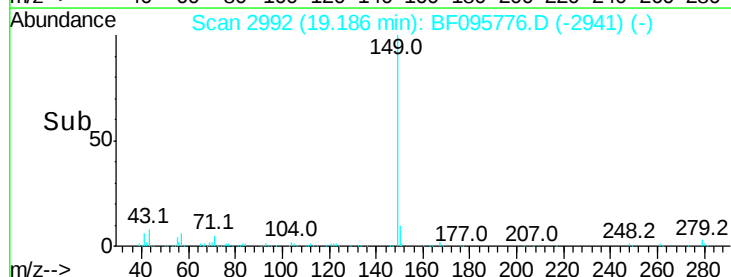
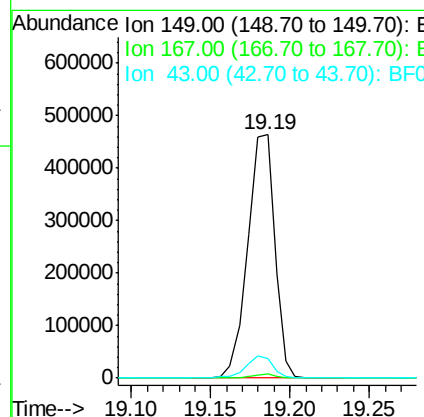
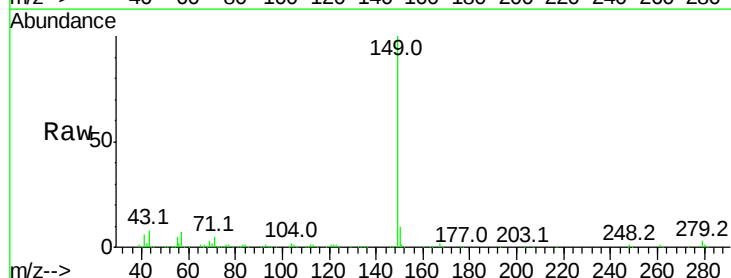
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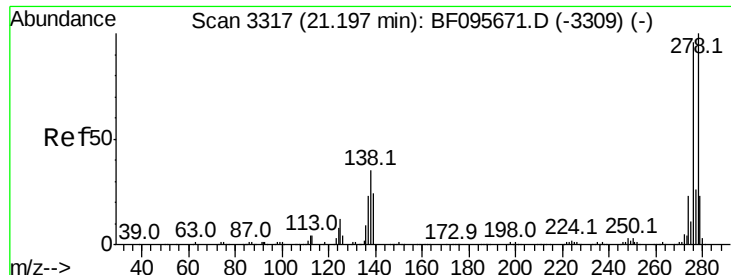
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#84
 Di-n-octyl phthalate
 Concen: 42.44 ng
 RT: 19.19 min Scan# 2992
 Delta R.T. 0.00 min
 Lab File: BF095776.D
 Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	8.6	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.35 ng

RT: 21.17 min Scan# 3330

Delta R.T. -0.01 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

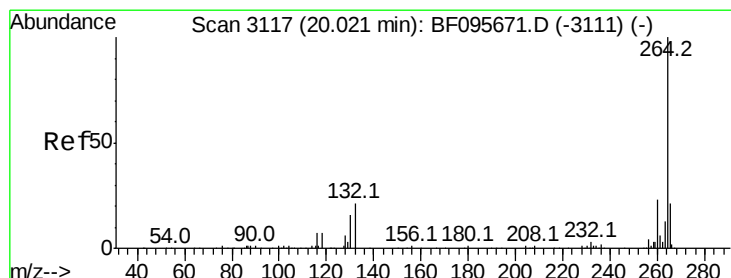
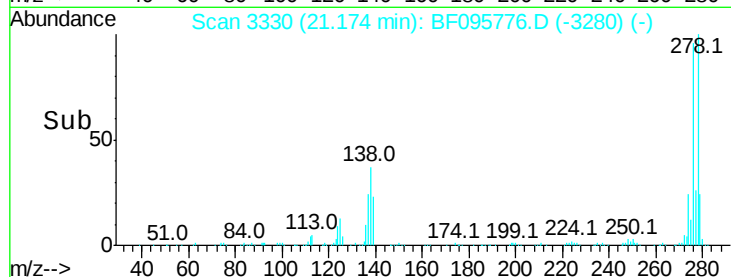
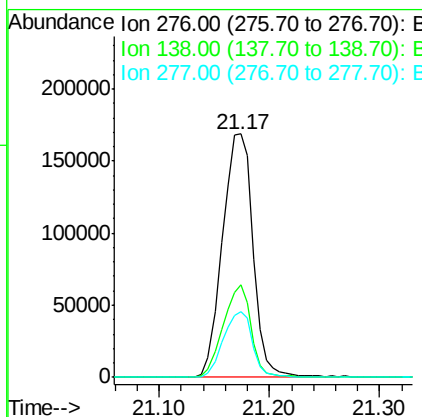
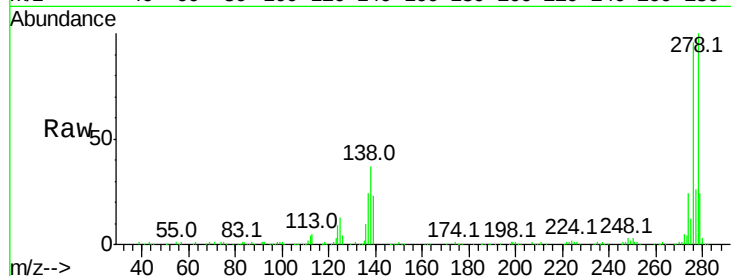
ClientSampleId :

PB99561BS

Tot Ion:	276	Resp:	327914
Ion Ratio	Lower	Upper	
276	100		
138	34.8	27.8	41.6
277	25.7	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

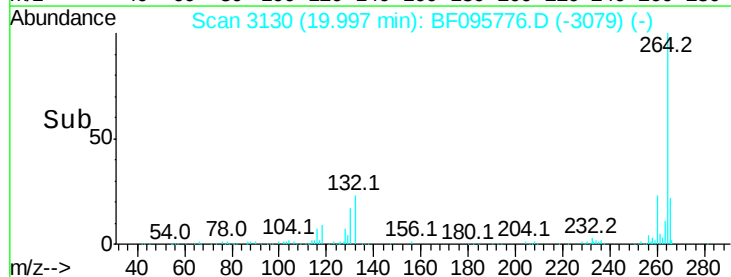
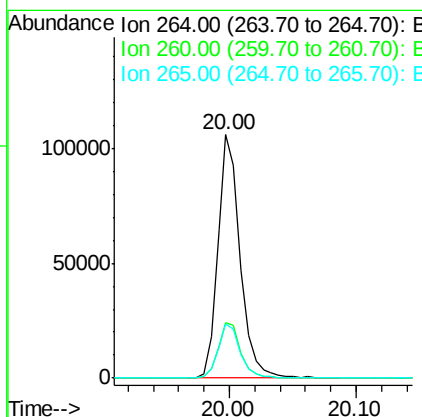
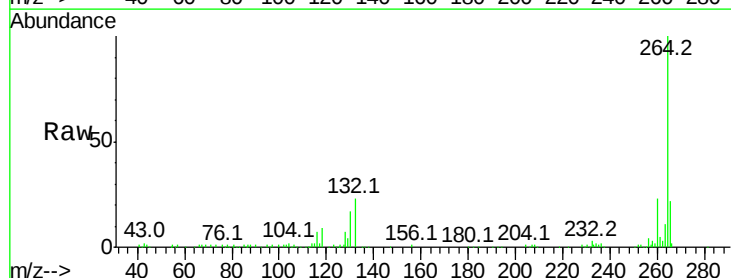
RT: 20.00 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:	264	Resp:	129748
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.11 ng

RT: 19.60 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

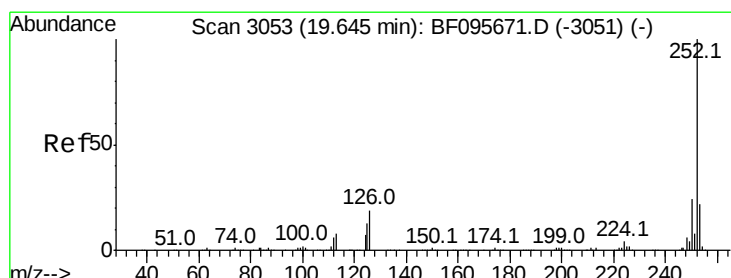
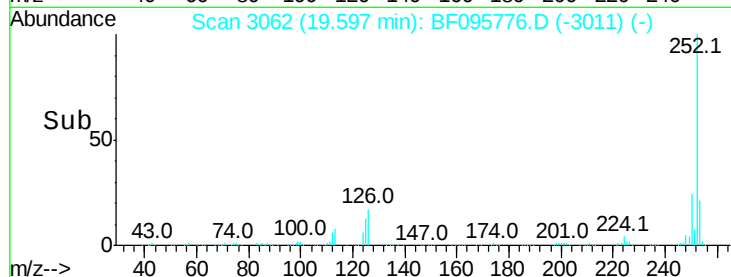
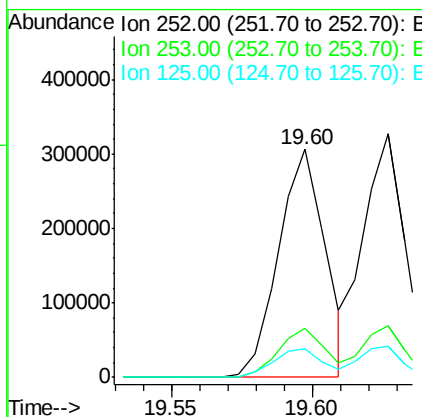
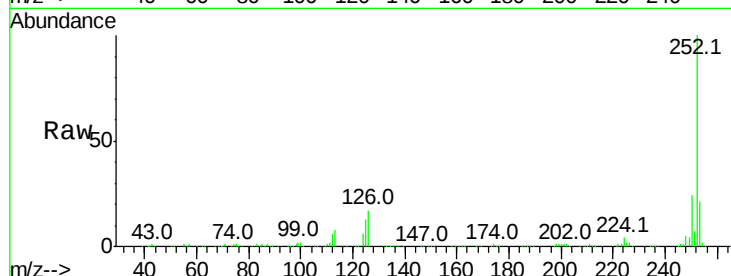
ClientSampleId :

PB99561BS

Tot Ion:252	Resp:	350238
Ion Ratio	Lower	Upper
252	100	
253	21.3	18.1 27.1
125	12.7	9.8 14.8

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#88

Benzo(k)fluoranthene

Concen: 44.10 ng

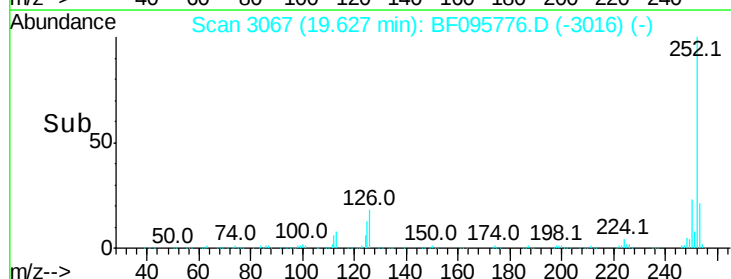
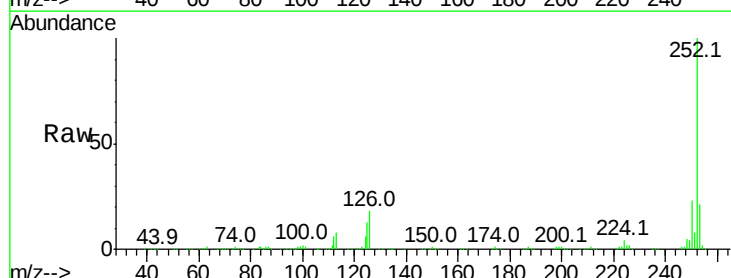
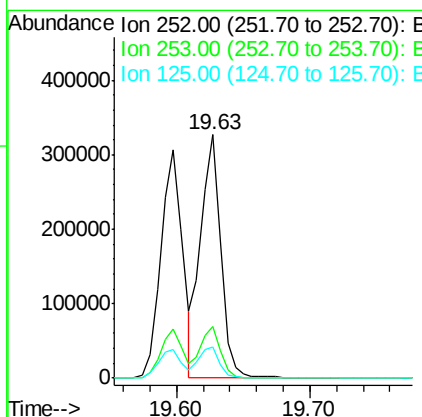
RT: 19.63 min Scan# 3067

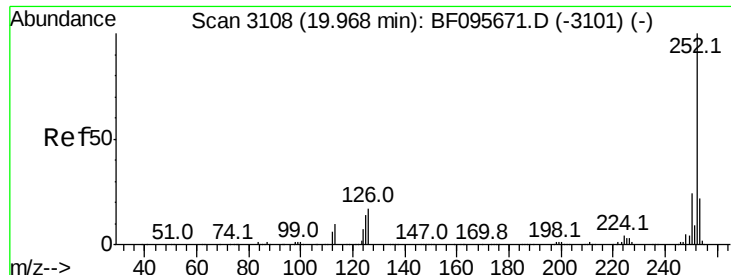
Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Tgt Ion:252	Resp:	342502
Ion Ratio	Lower	Upper
252	100	
253	21.0	18.4 27.6
125	12.9	13.1 19.7#





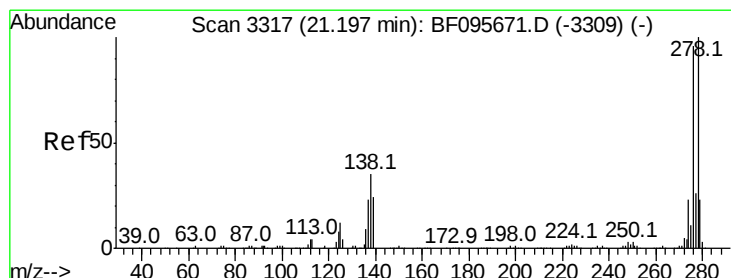
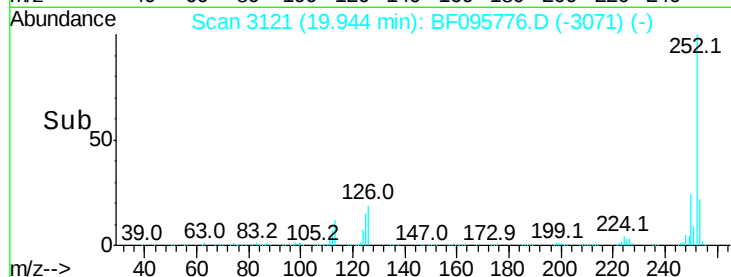
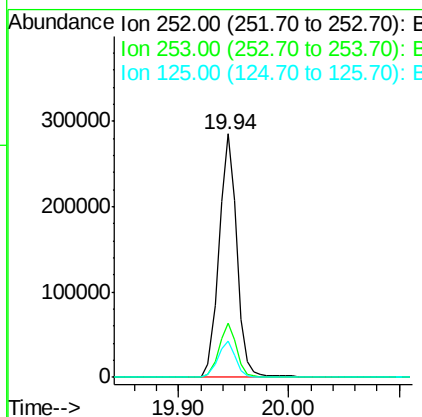
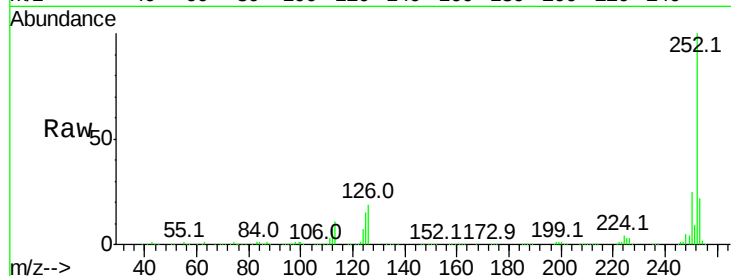
#89
Benzo(a)pyrene
Concen: 42.93 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Instrument :
BNA_F
ClientSampleId :
PB99561BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.7	11.0	16.4

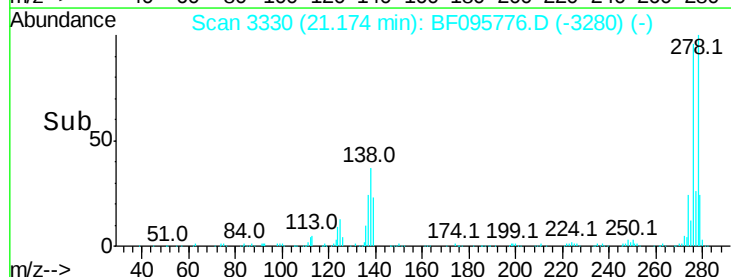
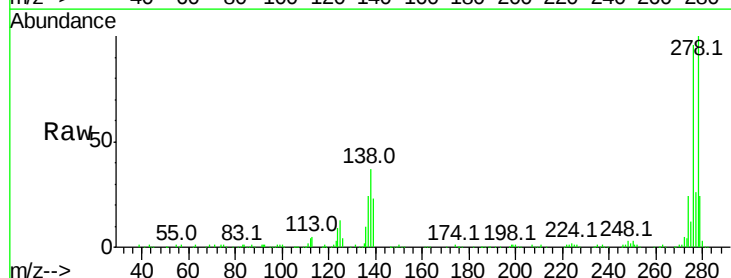
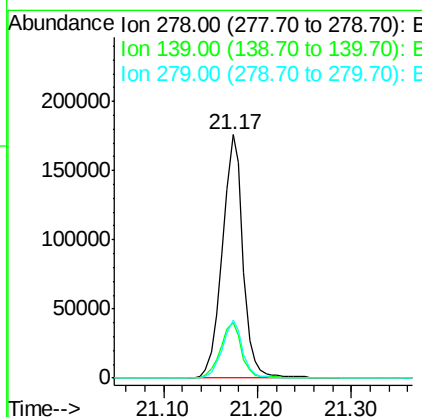
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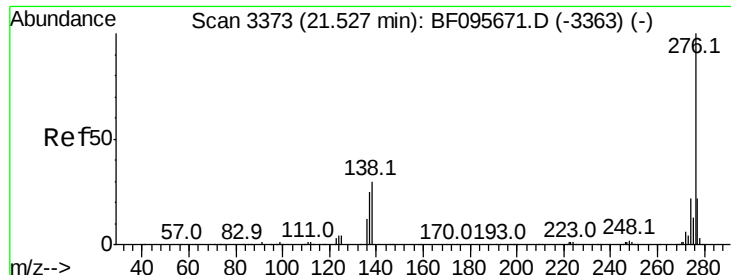
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#90
Dibenzo(a,h)anthracene
Concen: 42.74 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.01 min
Lab File: BF095776.D
Acq: 8 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	23.8	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 43.82 ng

RT: 21.50 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BF095776.D

Acq: 8 Jun 2017 11:16

Instrument :

BNA_F

ClientSampleId :

PB99561BS

Tot Ion:	276	Resp:	283005
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.6	28.0
138	28.6	25.4	38.0

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