

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095896.D
 Acq On : 13 Jun 2017 16:22
 Operator : SJ/MA
 Sample : PB99721BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BS

Manual Integrations
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mohammad
 6/14/2017 4:24:35 PM

Quant Time: Jun 14 04:31:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	68178	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	283425	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	132532	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	230469	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	152333	20.00	ng	-0.04
86) Perylene-d12	19.99	264	122658	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	608609	142.24	ng	-0.03
7) Phenol-d6	6.93	99	705519	137.74	ng	-0.03
23) Nitrobenzene-d5	8.27	82	416333	91.23	ng	-0.05
41) 2,4,6-Tribromophenol	13.51	330	153364	130.79	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	835549	87.73	ng	-0.05
78) Terphenyl-d14	16.97	244	691833	112.71	ng	-0.04

Target Compounds					Qvalue	
2) 1,4-Dioxane	1.75	88	72559	35.65	ng	92
3) Pyridine	2.30	79	190833	39.89	ng	95
4) n-Nitrosodimethylamine	2.26	42	79956	43.96	ng	85
6) Aniline	6.86	93	199341	29.75	ng	96
8) 2-Chlorophenol	7.04	128	220799	48.53	ng	93
9) Benzaldehyde	6.67	77	68321	19.77	ng	95
10) Phenol	6.94	94	269110	50.65	ng	92
11) bis(2-Chloroethyl)ether	7.00	93	195208	46.38	ng	98
12) 1,3-Dichlorobenzene	7.25	146	228133	44.30	ng	99
13) 1,4-Dichlorobenzene	7.37	146	230226	44.09	ng	98
14) 1,2-Dichlorobenzene	7.61	146	222403	46.20	ng	96
15) Benzyl Alcohol	7.66	79	172622	49.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.85	45	273515	46.25	ng	96
17) 2-Methylphenol	7.89	107	183882	48.16	ng	94
18) Hexachloroethane	8.13	117	79555	46.13	ng	# 86
19) n-Nitroso-di-n-propylamine	8.09	70	152242	46.90	ng	97
20) 3+4-Methylphenols	8.16	107	236600	48.82	ng	# 60
22) Acetophenone	8.05	105	303040	45.68	ng	# 83
24) Nitrobenzene	8.30	77	212600	43.61	ng	95
25) Isophorone	8.70	82	389538	45.71	ng	96
26) 2-Nitrophenol	8.81	139	123107	48.23	ng	97
27) 2,4-Dimethylphenol	8.96	122	197032	49.73	ng	98
28) bis(2-Chloroethoxy)methane	9.08	93	256179	45.61	ng	97
29) 2,4-Dichlorophenol	9.25	162	188986	49.53	ng	99
30) 1,2,4-Trichlorobenzene	9.32	180	179572	45.23	ng	98
31) Naphthalene	9.42	128	623708	43.85	ng	99
32) Benzoic acid	9.33	122	88115	36.91	ng	91
33) 4-Chloroaniline	9.58	127	111413	20.04	ng	# 93
34) Hexachlorobutadiene	9.63	225	90780	44.25	ng	98
35) Caprolactam	10.22	113	58002m	51.09	ng	
36) 4-Chloro-3-methylphenol	10.45	107	195230	48.88	ng	88
37) 2-Methylnaphthalene	10.55	142	437760	45.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	172657	43.53	ng	99
40) Hexachlorocyclopentadiene	10.79	237	104450	83.45	ng	99

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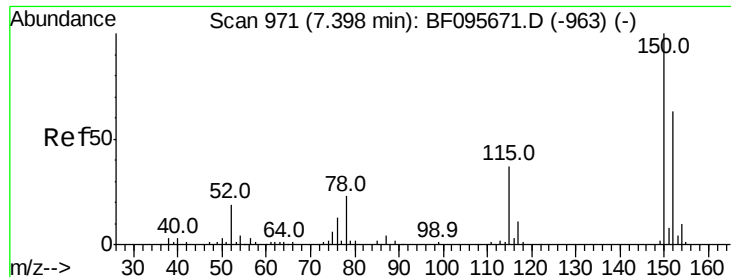
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	116920	45.85	ng	99
43) 2,4,5-Trichlorophenol	11.15	196	113877	41.98	ng	96
45) 1,1'-Biphenyl	11.31	154	487400	44.62	ng	98
46) 2-Chloronaphthalene	11.33	162	375868	44.04	ng	97
47) 2-Nitroaniline	11.55	65	110527	44.25	ng	# 81
48) Acenaphthylene	11.97	152	591403	40.52	ng	99
49) Dimethylphthalate	11.87	163	456115	45.33	ng	99
50) 2,6-Dinitrotoluene	11.97	165	96943	44.17	ng	# 79
51) Acenaphthene	12.26	154	356119	42.25	ng	98
52) 3-Nitroaniline	12.23	138	69025	26.99	ng	90
53) 2,4-Dinitrophenol	12.46	184	67312	56.25	ng	# 66
54) Dibenzofuran	12.54	168	546716	46.09	ng	97
55) 4-Nitrophenol	12.65	139	111820	75.19	ng	# 78
56) 2,4-Dinitrotoluene	12.64	165	136155	45.93	ng	# 89
57) Fluorene	13.10	166	440565	42.68	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	88292	47.57	ng	# 93
59) Diethylphthalate	13.02	149	448975	46.36	ng	99
60) 4-Chlorophenyl-phenylether	13.13	204	198306	44.17	ng	92
61) 4-Nitroaniline	13.24	138	101675	42.58	ng	97
62) Azobenzene	13.39	77	410386	46.76	ng	94
64) 4,6-Dinitro-2-methylphenol	13.31	198	55360	36.54	ng	# 76
65) n-Nitrosodiphenylamine	13.34	169	374766	45.25	ng	98
66) 4-Bromophenyl-phenylether	13.91	248	112365	46.91	ng	98
67) Hexachlorobenzene	13.99	284	113452	48.07	ng	# 91
68) Atrazine	14.27	200	114511	49.68	ng	97
69) Pentachlorophenol	14.36	266	63433	71.63	ng	97
70) Phenanthrene	14.64	178	619051	46.55	ng	98
71) Anthracene	14.73	178	635508	45.78	ng	98
72) Carbazole	15.02	167	579571	42.84	ng	98
73) Di-n-butylphthalate	15.62	149	718065	49.89	ng	98
74) Fluoranthene	16.42	202	605507	46.01	ng	98
76) Benzidine	16.65	184	171280	29.28	ng	# 93
77) Pyrene	16.72	202	608654	53.55	ng	99
79) Butylbenzylphthalate	17.64	149	274514	55.30	ng	91
80) Benzo(a)anthracene	18.31	228	421481	47.59	ng	97
81) 3,3'-Dichlorobenzidine	18.30	252	87560	27.81	ng	# 96
82) Chrysene	18.35	228	406983	45.98	ng	99
83) Bis(2-ethylhexyl)phthalate	18.39	149	380113	54.28	ng	99
84) Di-n-octyl phthalate	19.16	149	542991	47.06	ng	95
85) Indeno(1,2,3-cd)pyrene	21.16	276	369655	48.81	ng	100
87) Benzo(b)fluoranthene	19.58	252	315398	41.07	ng	98
88) Benzo(k)fluoranthene	19.61	252	348507m	47.47	ng	
89) Benzo(a)pyrene	19.93	252	323161	45.78	ng	99
90) Dibenzo(a,h)anthracene	21.16	278	313312	52.32	ng	97
91) Benzo(g,h,i)perylene	21.48	276	325177	53.27	ng	97

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



#1

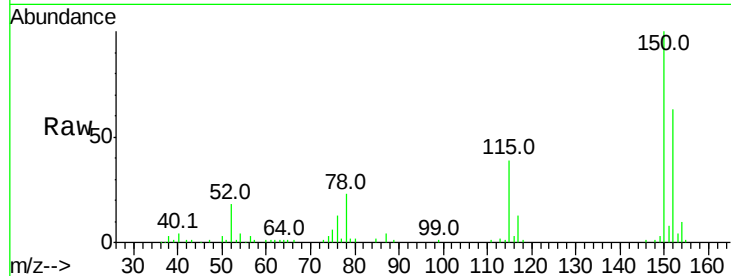
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	61.2	52.2	78.2

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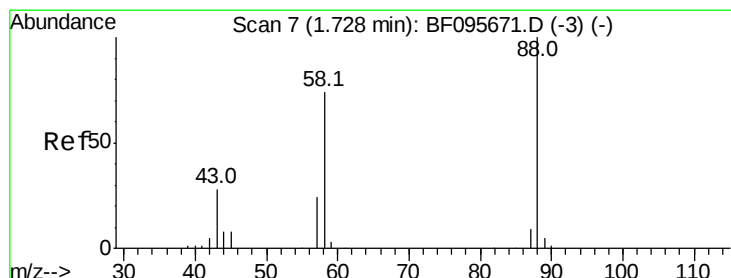
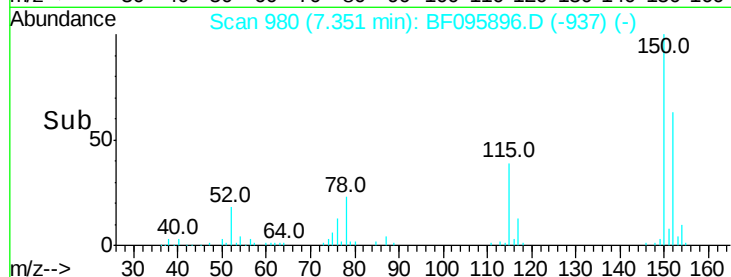
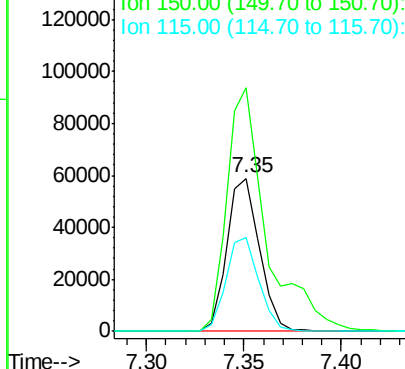


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

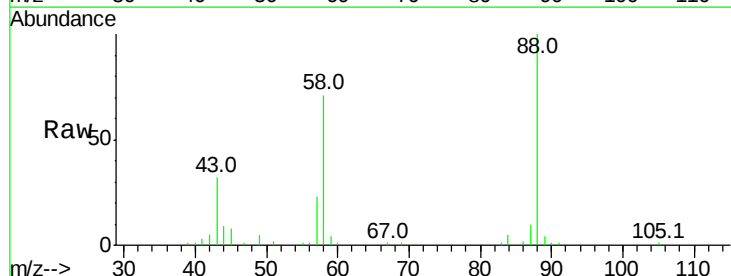
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.65 ng
RT: 1.75 min Scan# 27
Delta R.T. 0.02 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	61.4	92.0
43	29.1	23.4	35.0

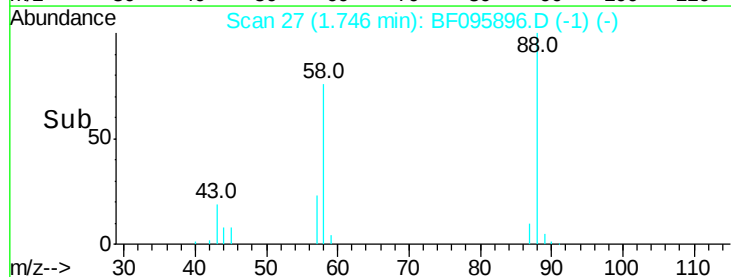
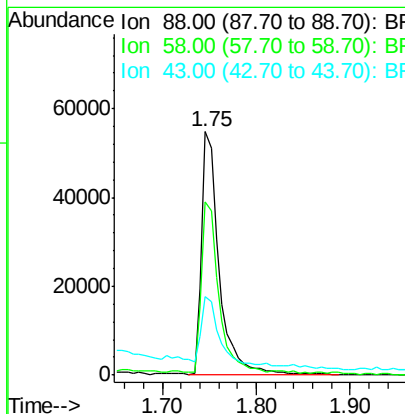


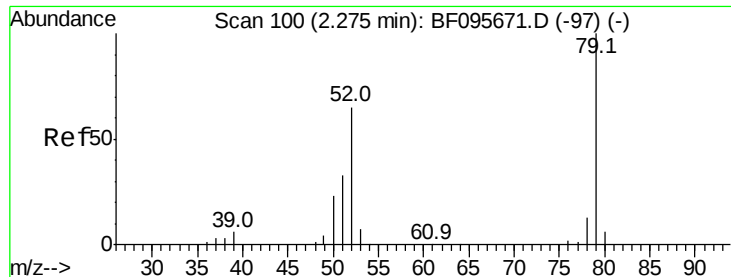
Abundance

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: 39.89 ng

RT: 2.30 min Scan# 121

Delta R.T. 0.02 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

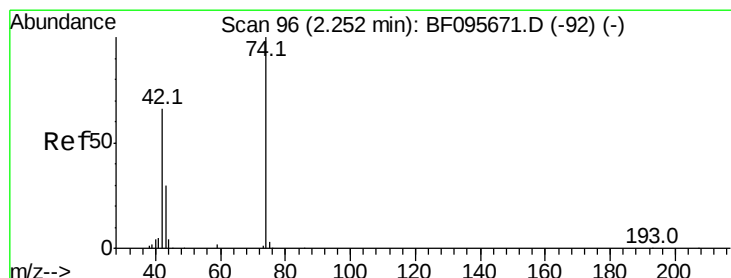
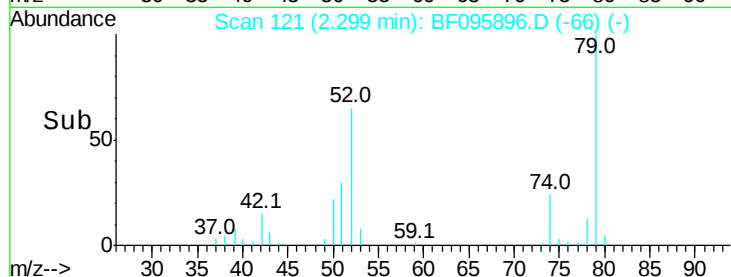
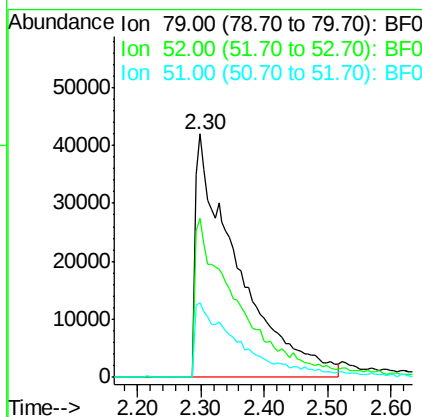
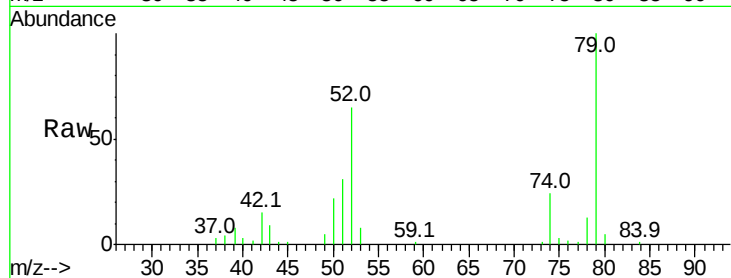
ClientSampled :

PB99721BS

Tot Ion:	79	Resp:	190833
Ion Ratio	Lower	Upper	
79	100		
52	65.2	54.8	82.2
51	30.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 43.96 ng

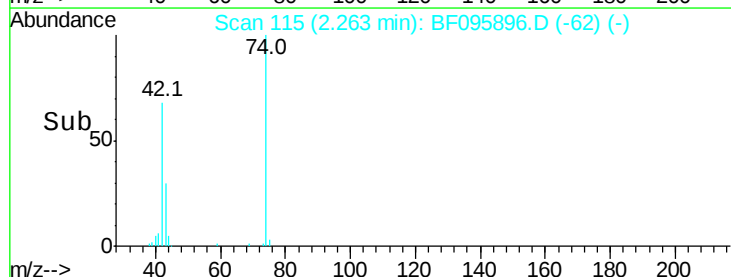
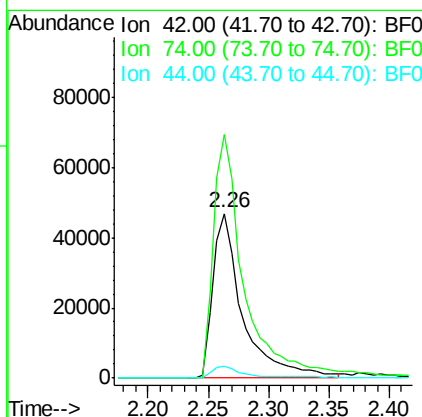
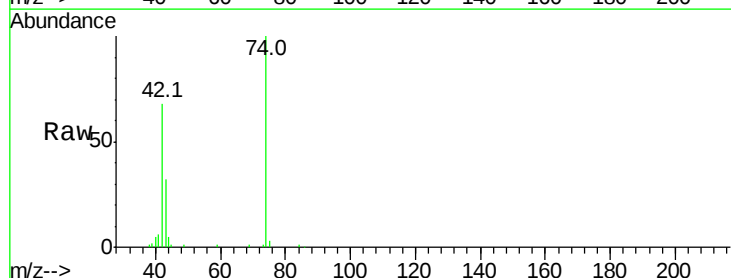
RT: 2.26 min Scan# 115

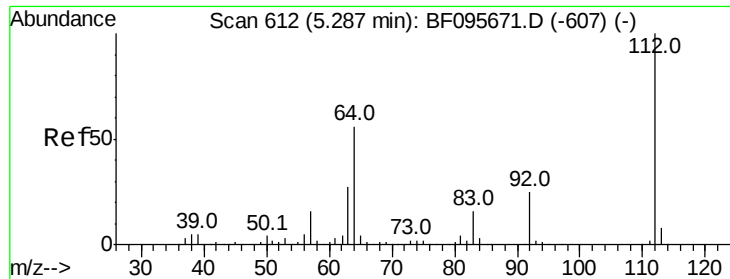
Delta R.T. 0.01 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:	42	Resp:	79956
Ion Ratio	Lower	Upper	
42	100		
74	147.8	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 142.24 ng

RT: 5.26 min Scan# 624

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

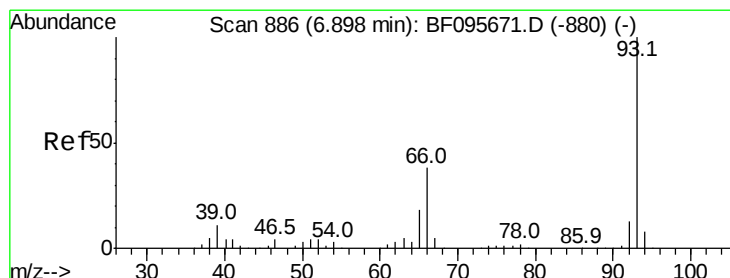
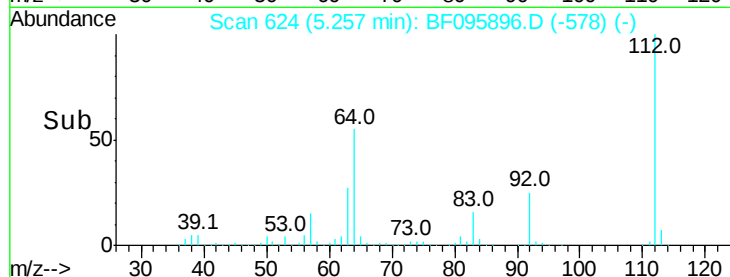
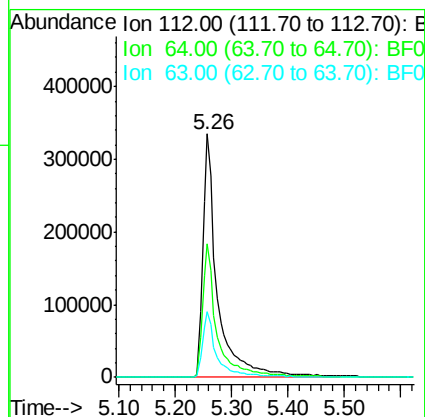
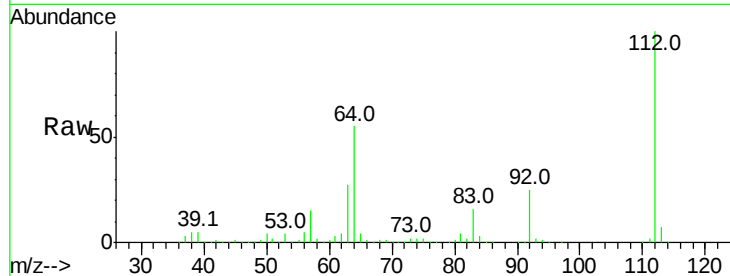
ClientSampleId :

PB99721BS

Tot Ion:	112	Resp:	608609
Ion Ratio	Lower	Upper	
112	100		
64	54.7	46.0	69.0
63	26.7	23.4	35.0

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#6

Aniline

Concen: 29.75 ng

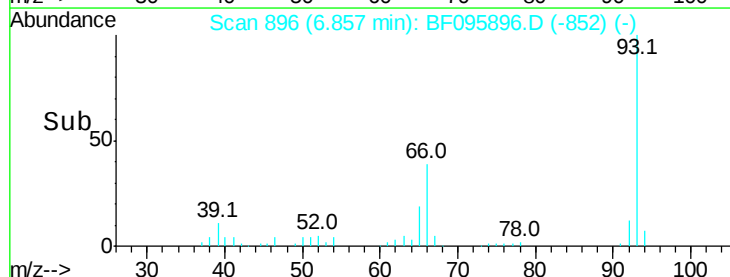
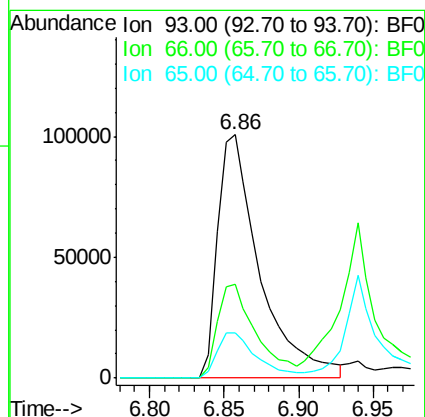
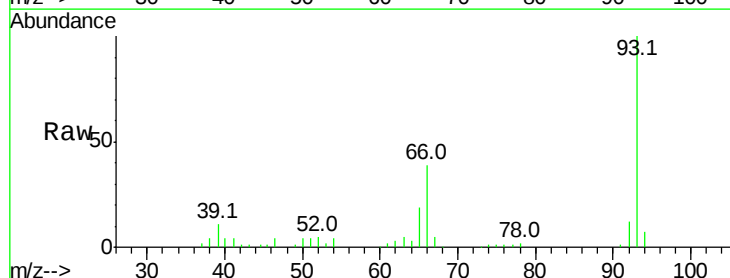
RT: 6.86 min Scan# 896

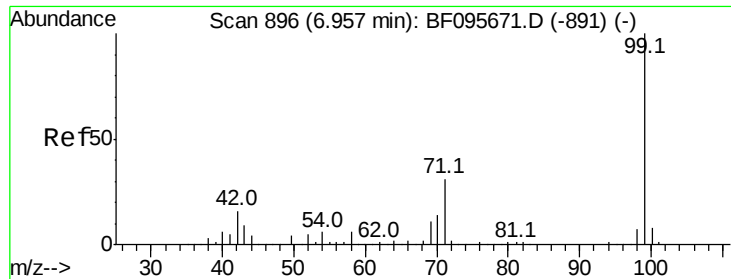
Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:	93	Resp:	199341
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.9	49.3
65	18.8	16.0	24.0





#7

Phenol-d6

Concen: 137.74 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

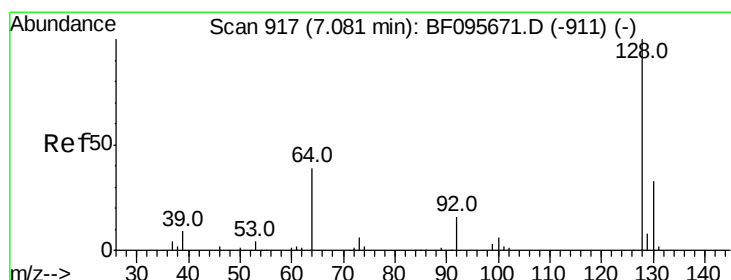
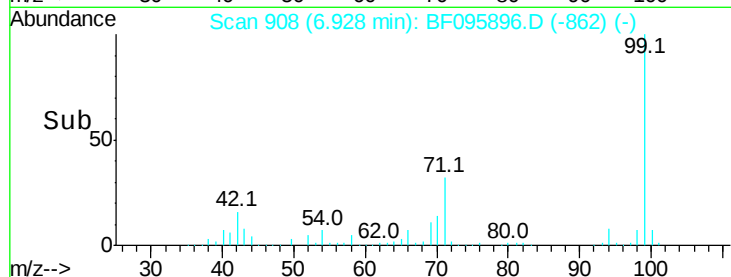
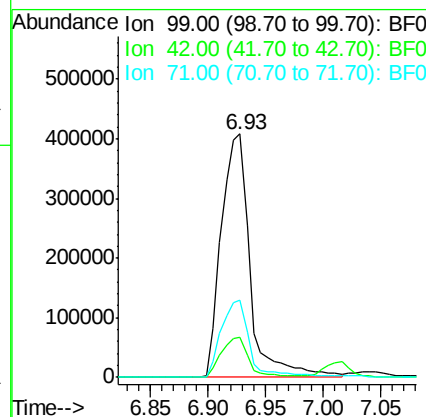
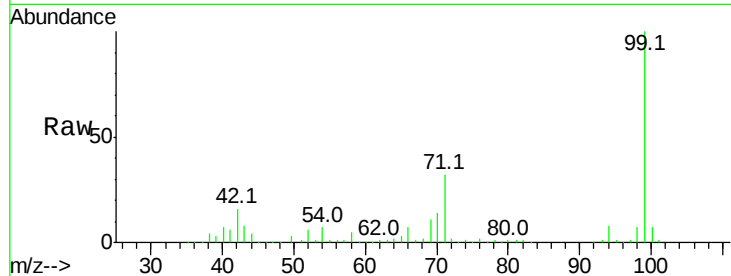
ClientSampleId :

PB99721BS

Tot Ion:	99	Resp:	705519
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	31.9	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 48.53 ng

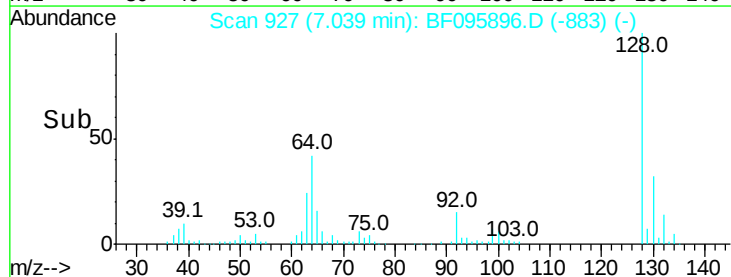
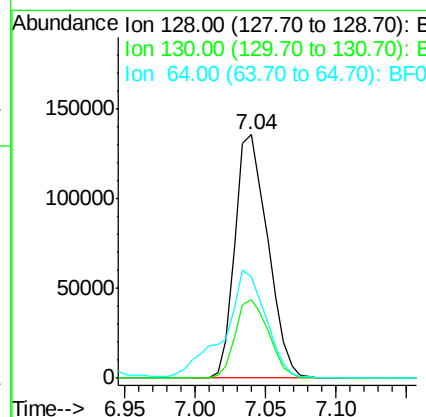
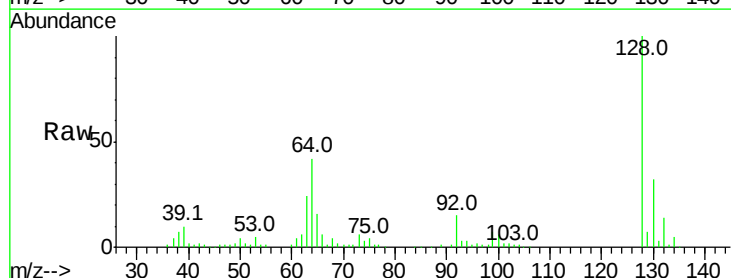
RT: 7.04 min Scan# 927

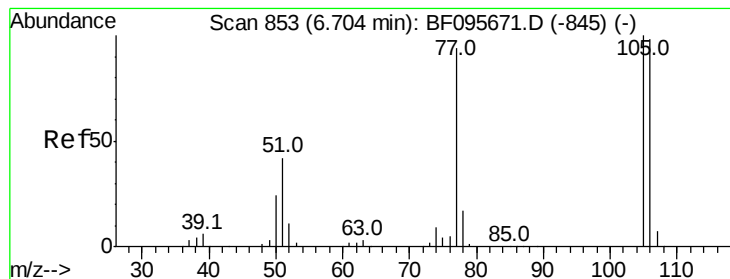
Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:	128	Resp:	220799
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	41.5	28.4	68.4





#9

Benzaldehyde

Concen: 19.77 ng

RT: 6.67 min Scan# 864

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

PB99721BS

Tot Ion: 77 Resp: 68321

Ion Ratio Lower Upper

77 100

105 109.5 83.8 123.8

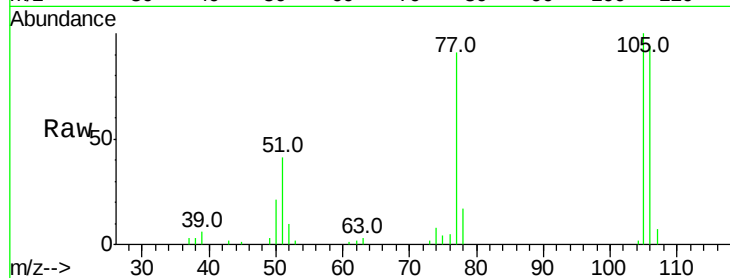
106 103.3 79.1 119.1

Manual Integrations

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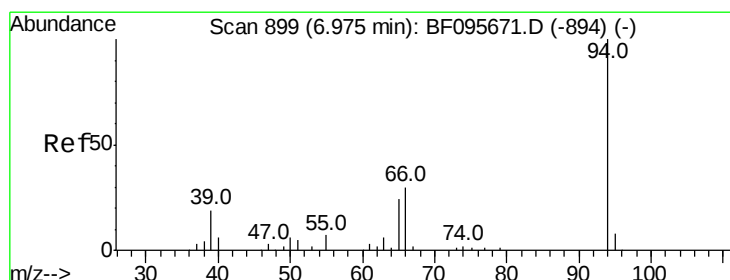
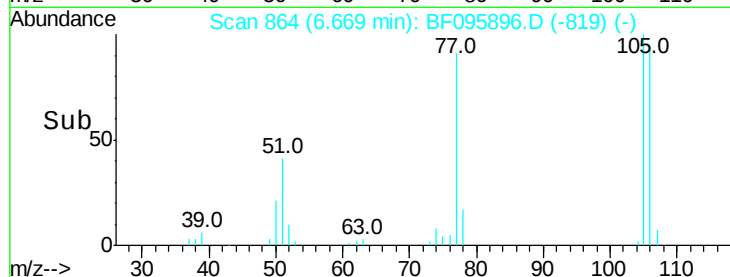
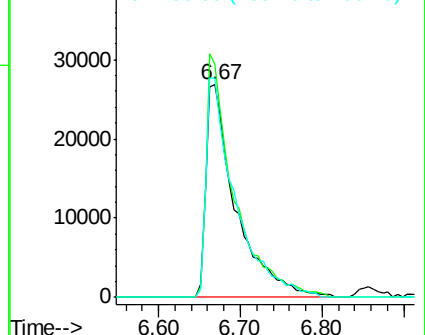
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 50.65 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

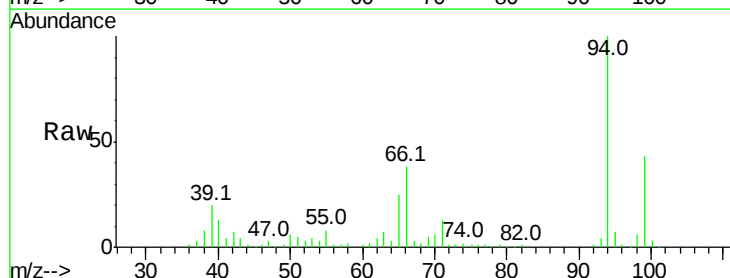
Tgt Ion: 94 Resp: 269110

Ion Ratio Lower Upper

94 100

65 25.3 9.9 49.9

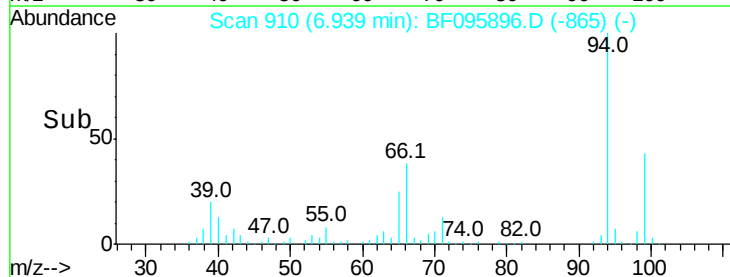
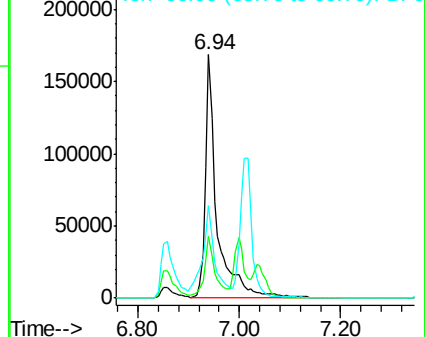
66 38.0 23.1 63.1

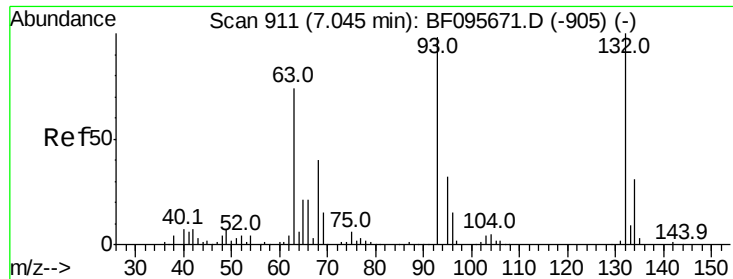


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





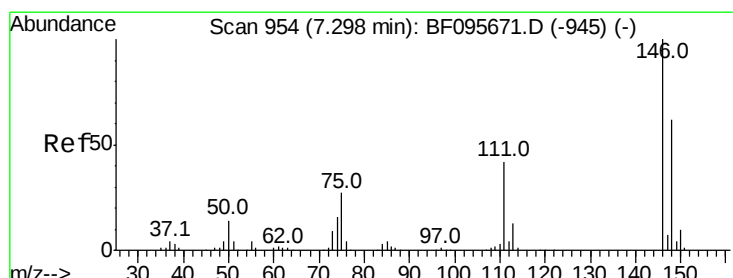
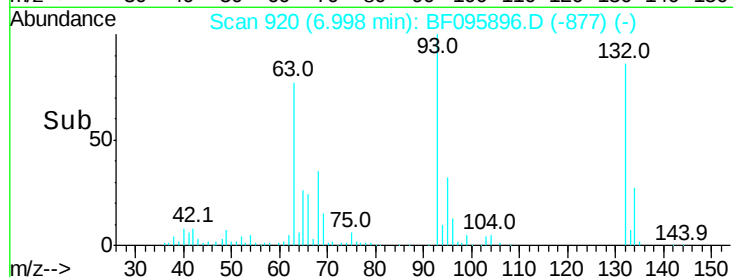
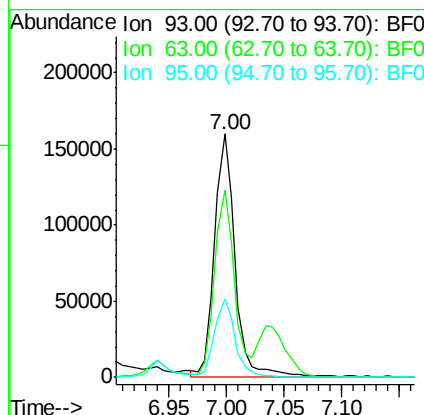
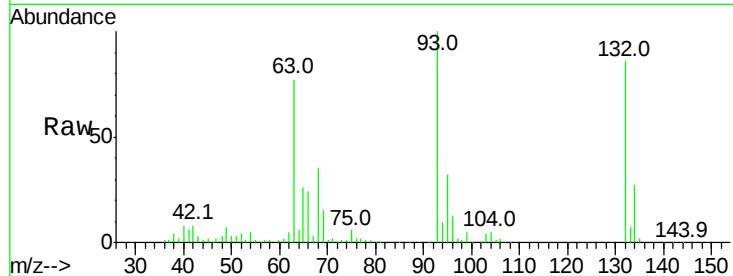
#11
bis(2-Chloroethyl)ether
Concen: 46.38 ng
RT: 7.00 min Scan# 920
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	195208		
63	77.1	59.2	99.2	
95	32.4	12.8	52.8	

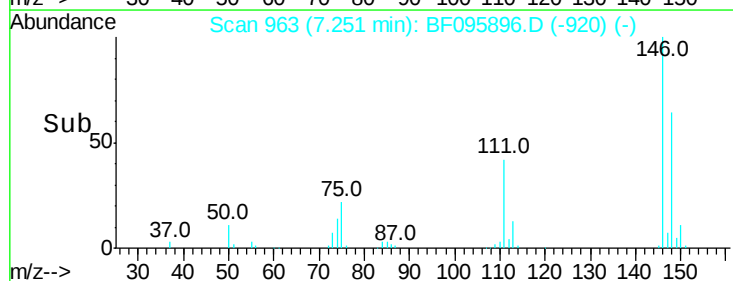
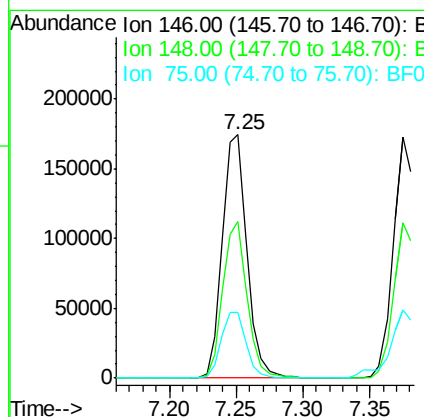
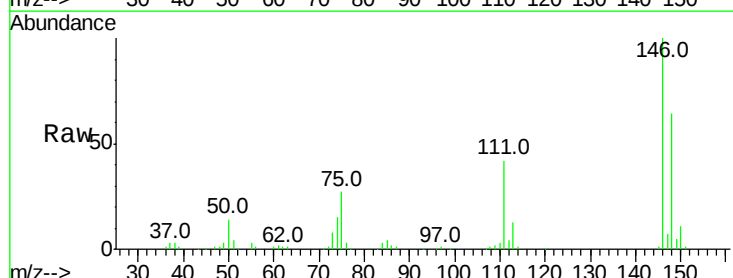
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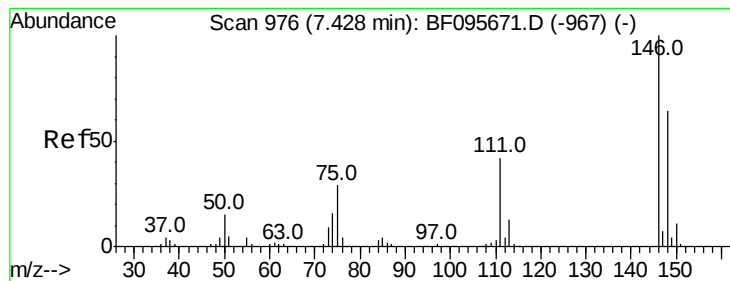
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.30 ng
RT: 7.25 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	228133		
148	64.3	51.8	77.6	
75	26.9	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 44.09 ng

RT: 7.37 min Scan# 984

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

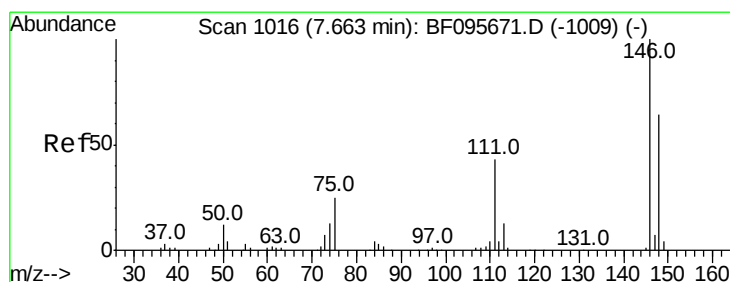
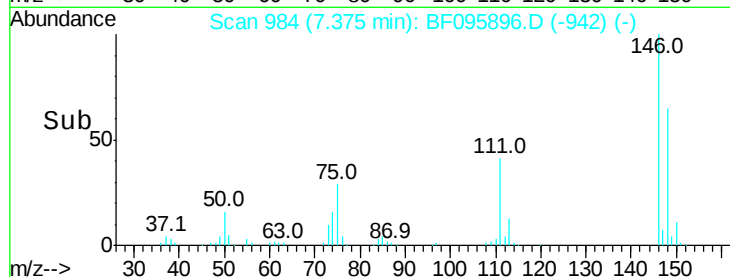
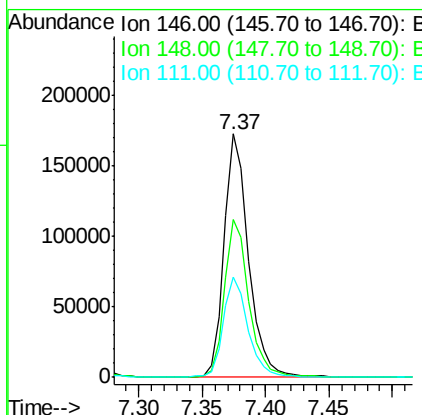
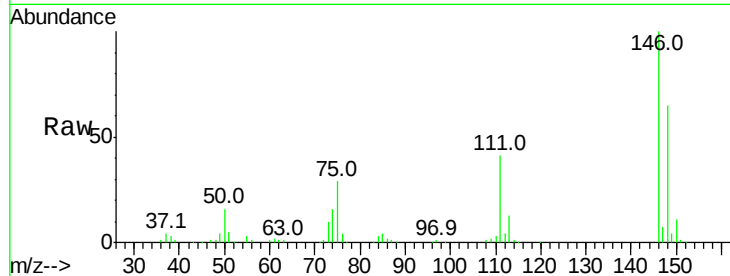
ClientSampleId :

PB99721BS

Tot Ion:	146	Resp:	230226
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	40.9	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 46.20 ng

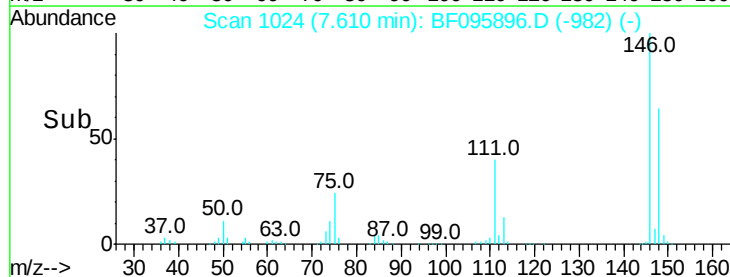
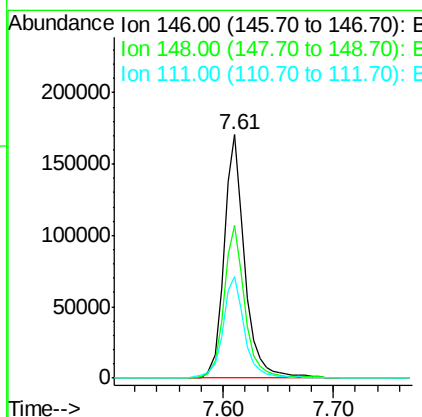
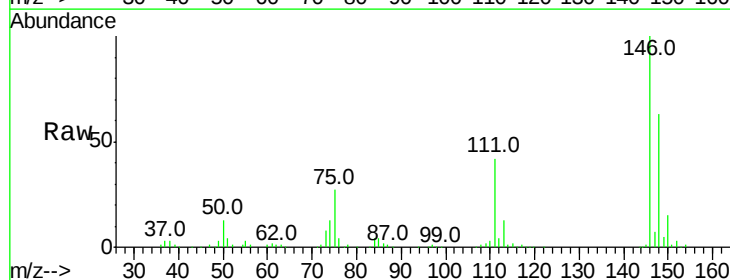
RT: 7.61 min Scan# 1024

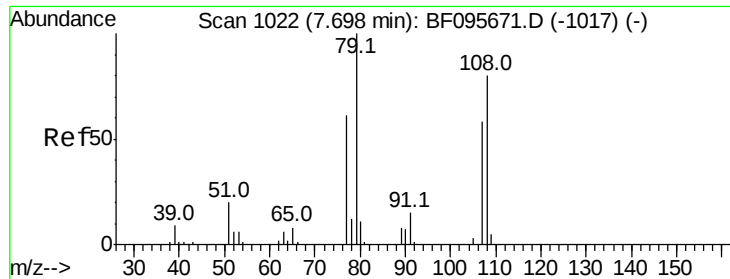
Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:	146	Resp:	222403
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.4	75.6
111	41.7	38.2	57.4





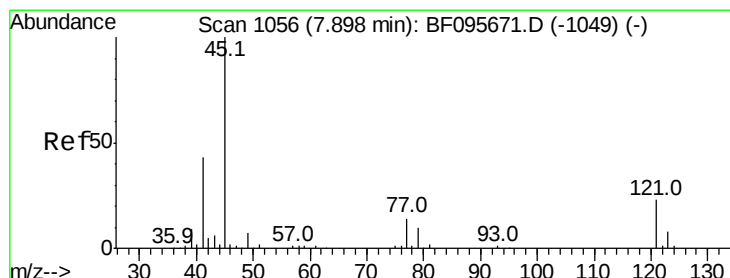
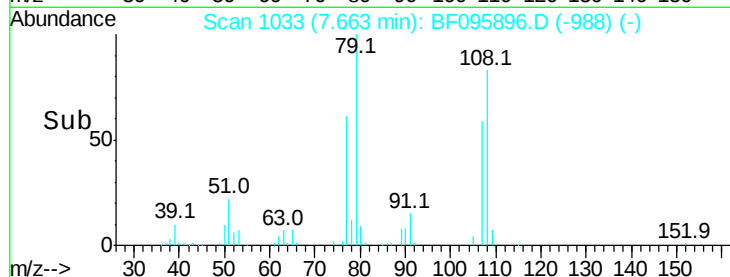
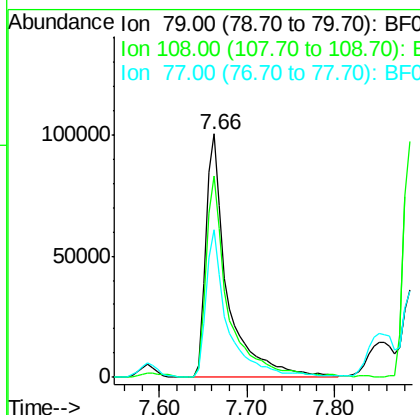
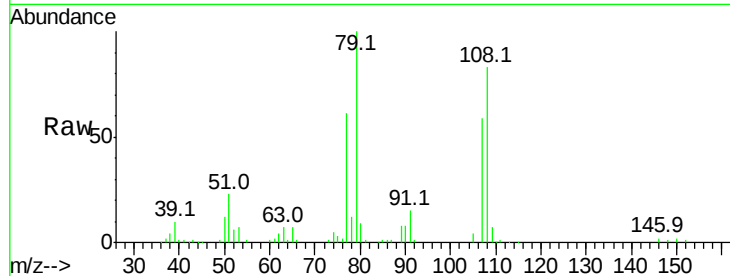
#15
Benzyl Alcohol
Concen: 49.10 ng
RT: 7.66 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampled :
PB99721BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.8	63.4	95.0
77	60.5	49.2	73.8

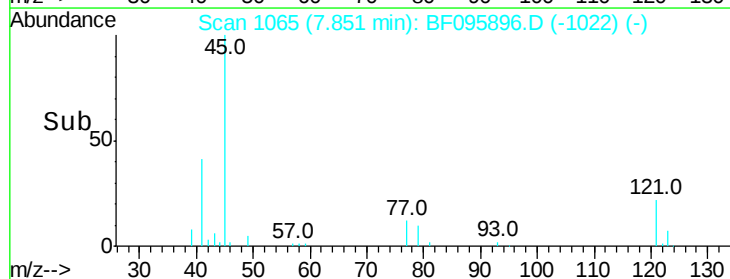
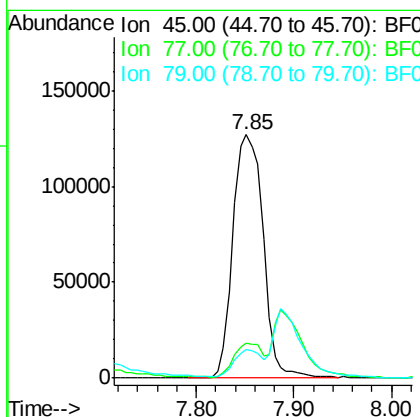
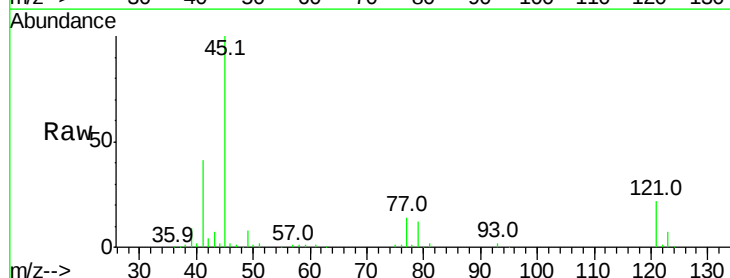
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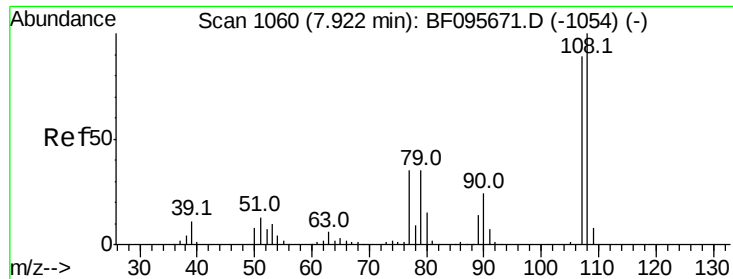
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.25 ng
RT: 7.85 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	33.2
79	11.5	0.0	30.0





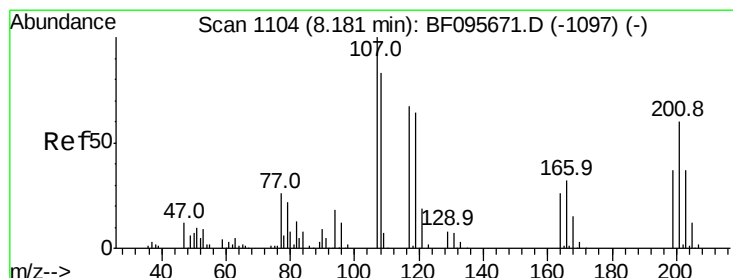
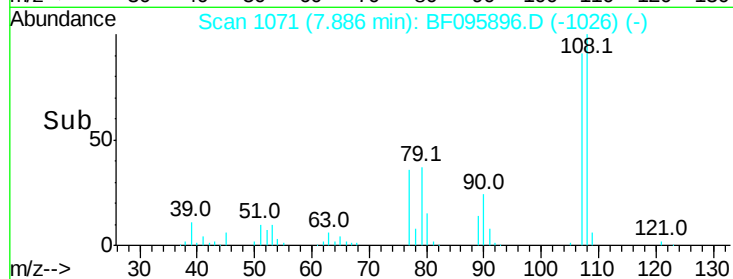
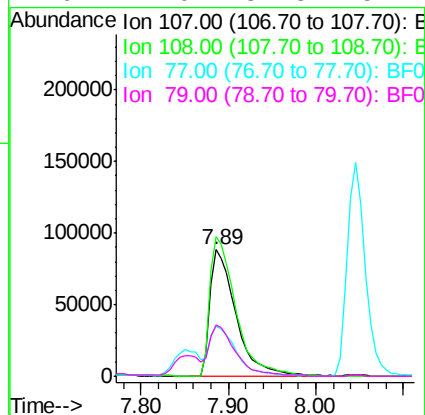
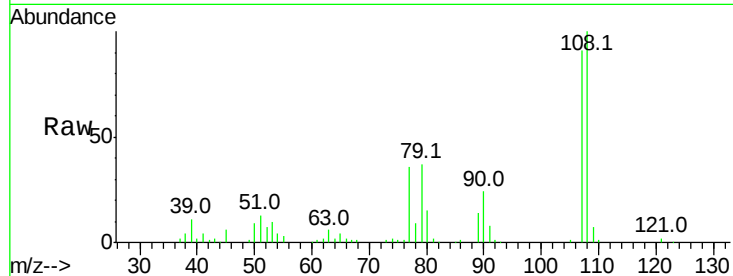
#17
2-Methylphenol
Concen: 48.16 ng
RT: 7.89 min Scan# 1071
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	93.4	140.0	
77	40.0	35.8	53.6	
79	41.0	34.8	52.2	

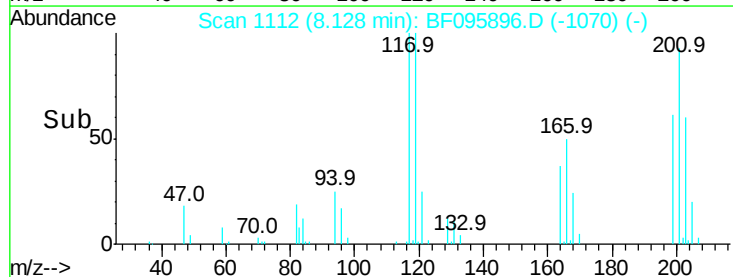
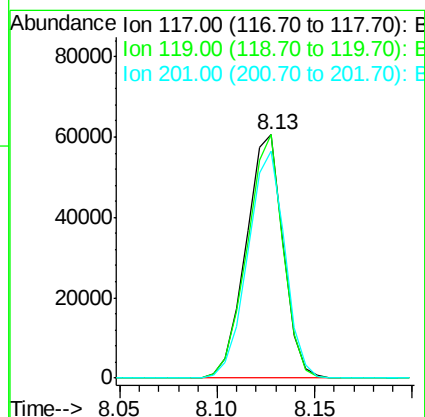
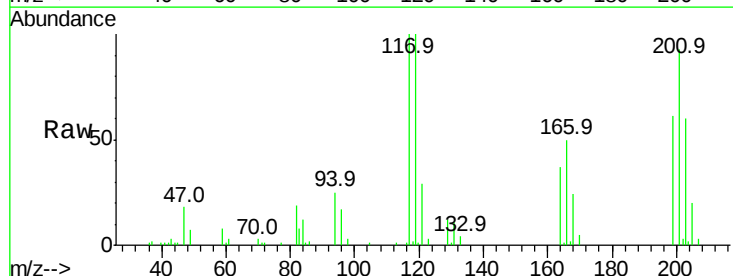
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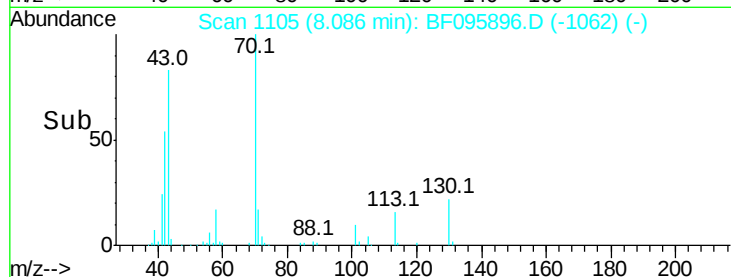
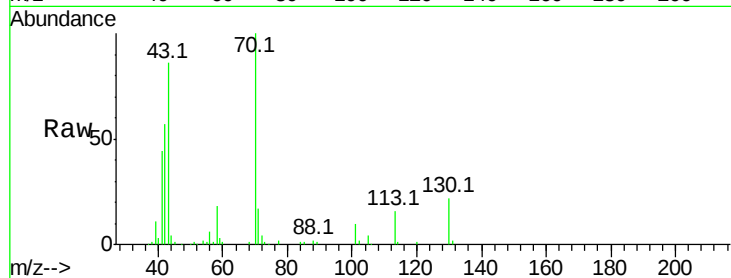
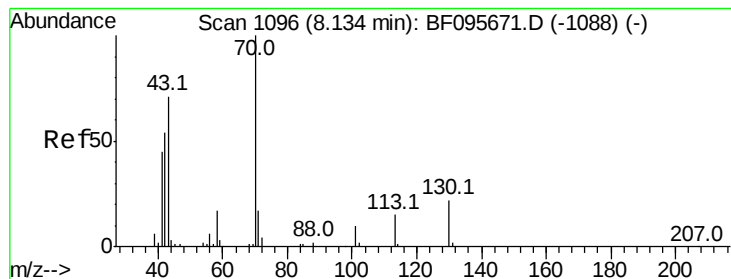
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#18
Hexachloroethane
Concen: 46.13 ng
RT: 8.13 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.9	77.4	116.0	
201	93.3	94.6	141.8#	





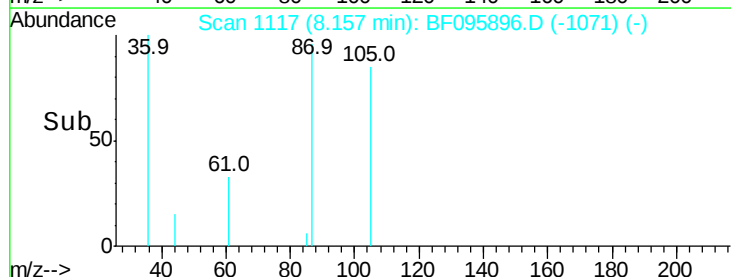
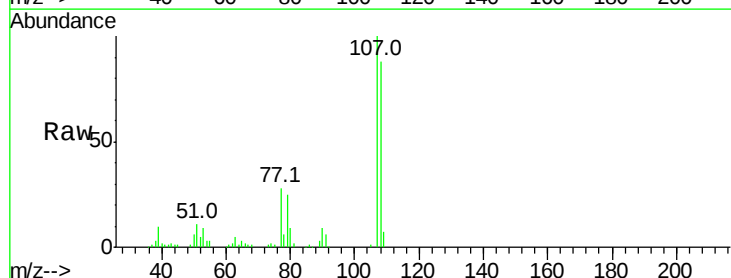
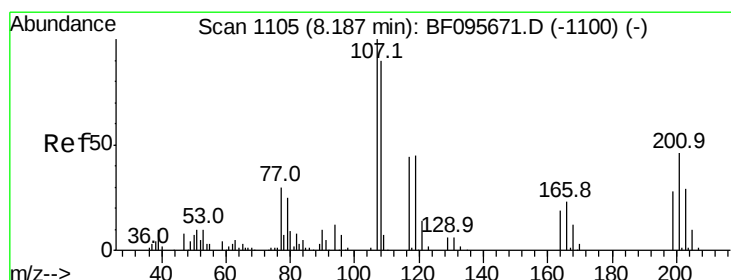
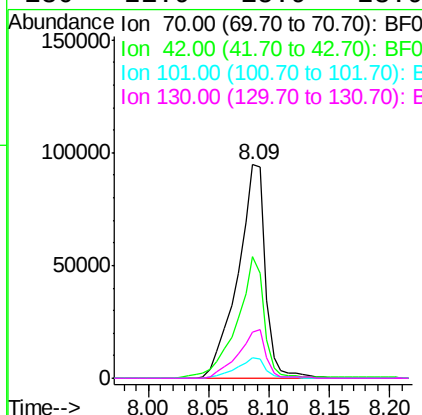
#19
n-Nitroso-di-n-propylamine
Concen: 46.90 ng
RT: 8.09 min Scan# 1105
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.2	70.8
101	9.6	7.2	10.8
130	21.9	15.9	23.9

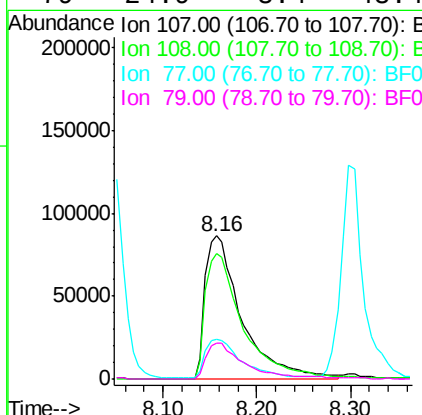
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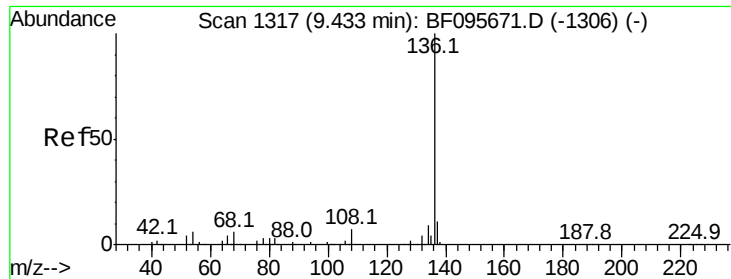
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#20
3+4-Methylphenols
Concen: 48.82 ng
RT: 8.16 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.0	111.0
77	28.1	90.5	130.5#
79	24.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

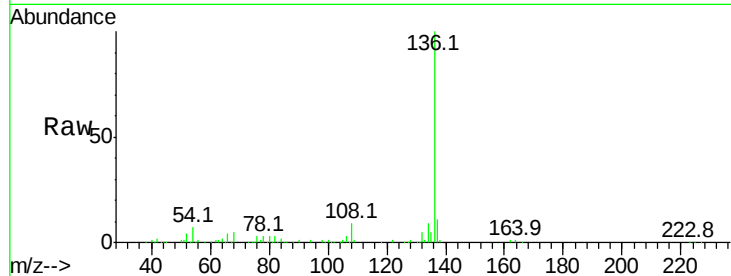
ClientSampleId :

PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	283425		
137	11.2	8.5	12.7	
54	6.9	4.9	7.3	
68	5.1	4.1	6.1	

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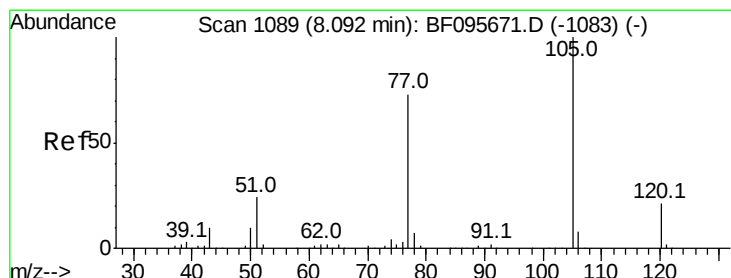
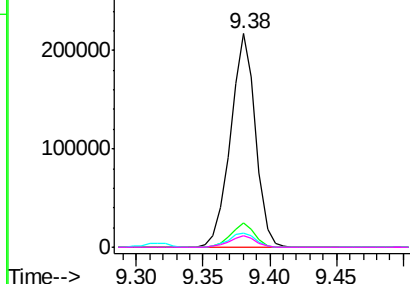
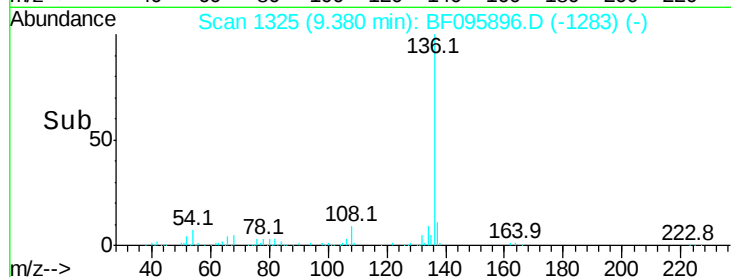


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.68 ng

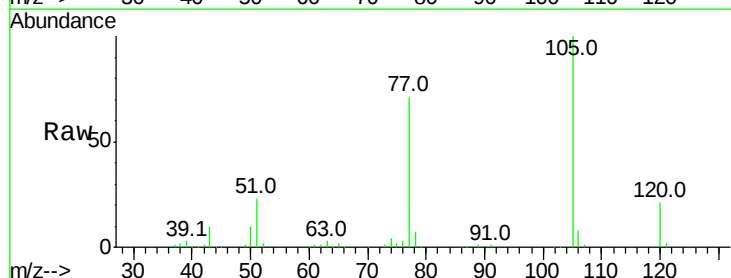
RT: 8.05 min Scan# 1098

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	303040		
71	0.0	2.8	4.2#	
51	22.5	30.7	46.1#	
120	21.4	17.4	26.0	

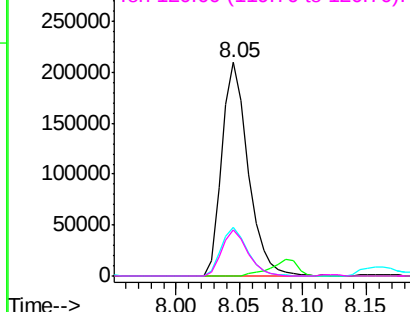
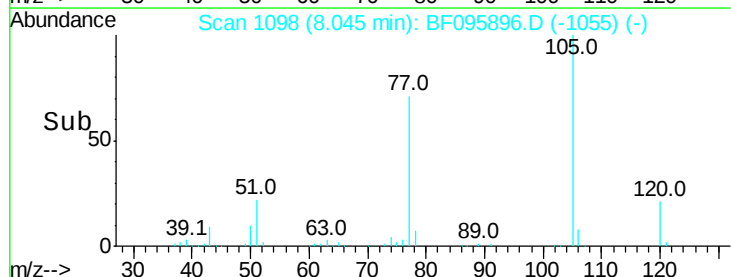


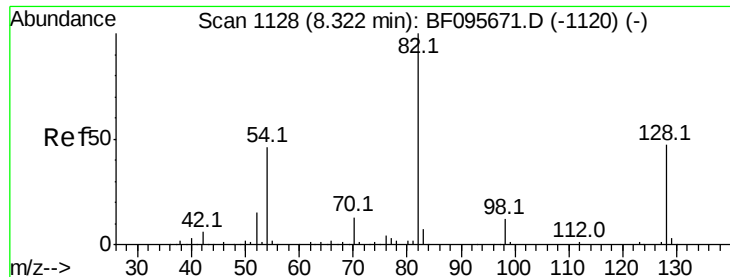
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





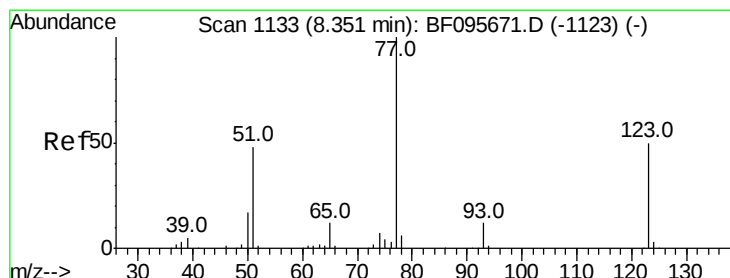
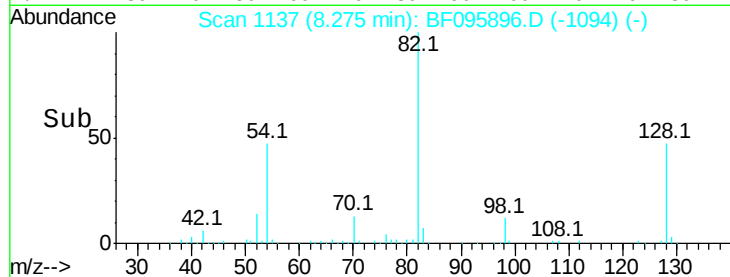
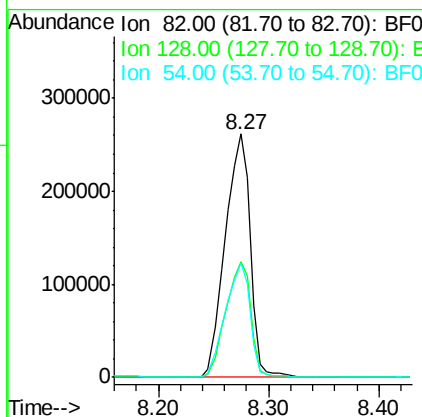
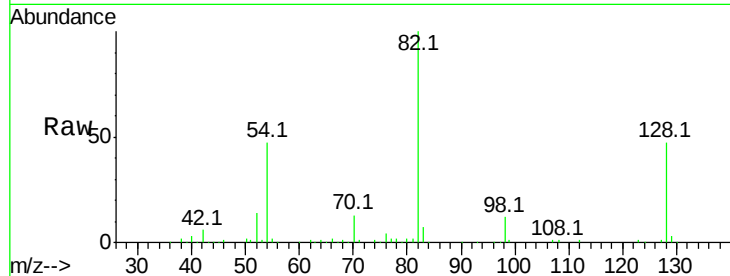
#23
Nitrobenzene-d5
Concen: 91.23 ng
RT: 8.27 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	34.0	51.0	
54	47.2	42.2	63.2	

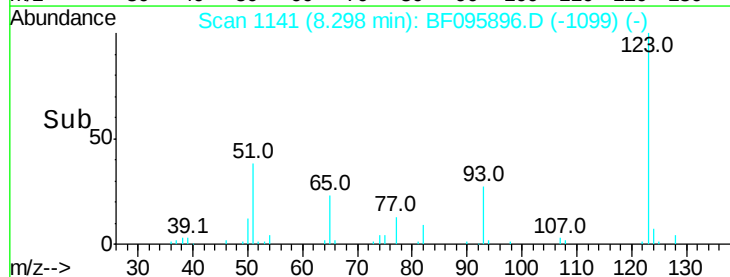
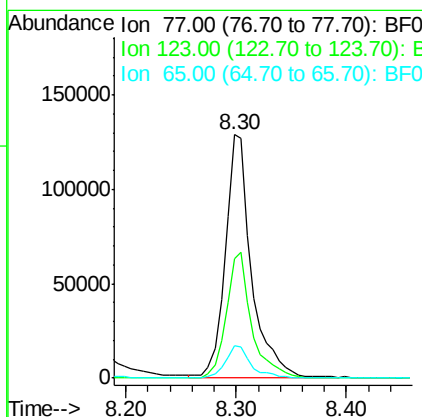
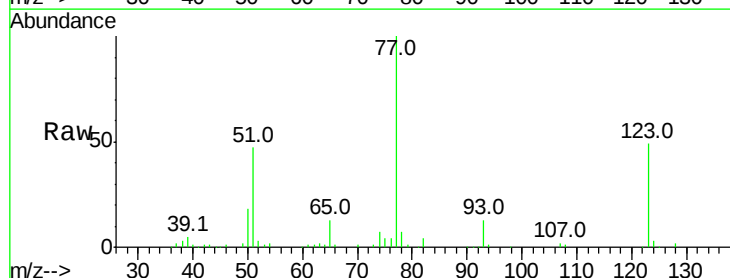
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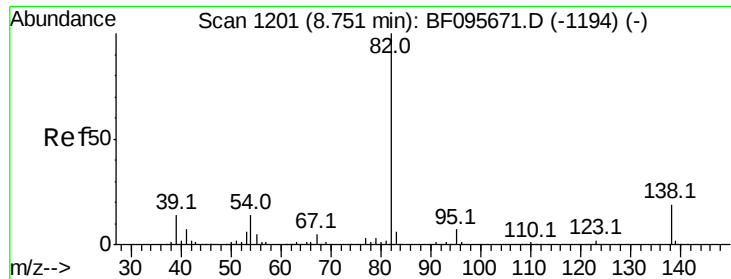
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#24
Nitrobenzene
Concen: 43.61 ng
RT: 8.30 min Scan# 1141
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.8	35.8	53.8	
65	13.3	10.6	15.8	





#25

Isophorone

Concen: 45.71 ng

RT: 8.70 min Scan# 1210

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

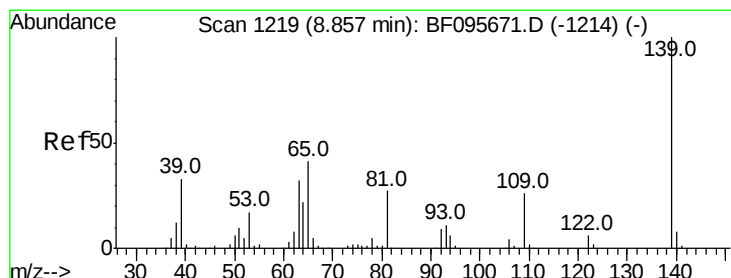
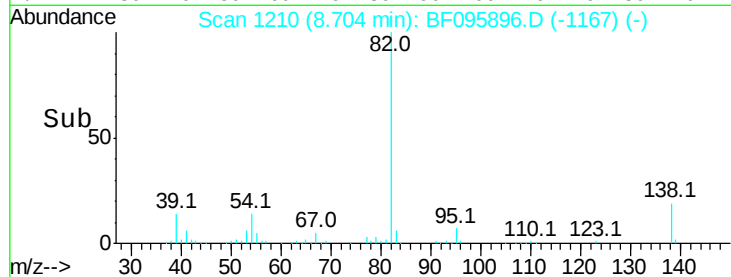
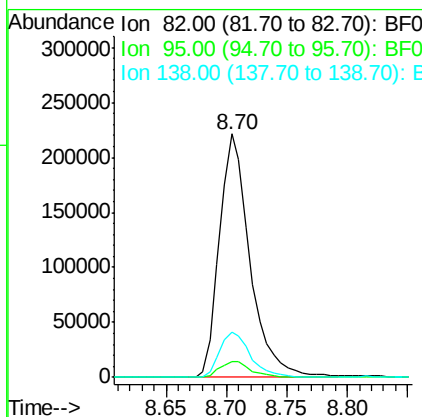
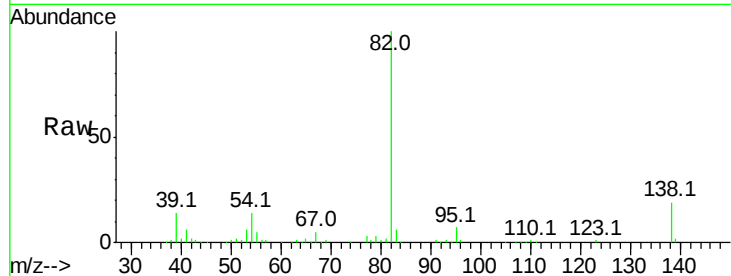
ClientSampleId :

PB99721BS

Tot Ion:	82	Resp:	389538
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.23 ng

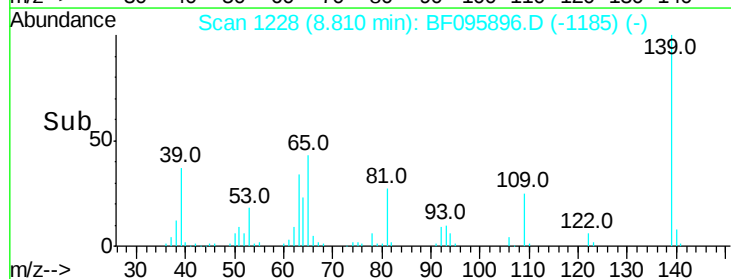
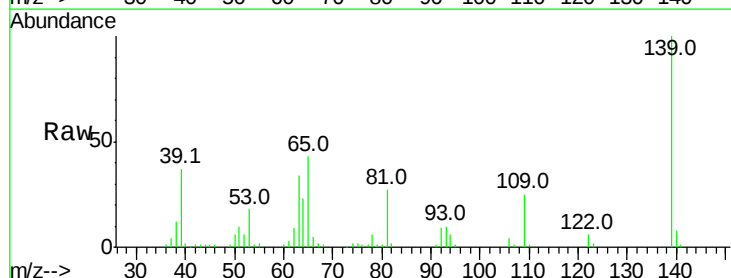
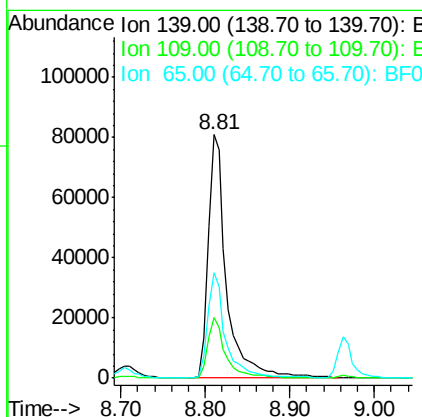
RT: 8.81 min Scan# 1228

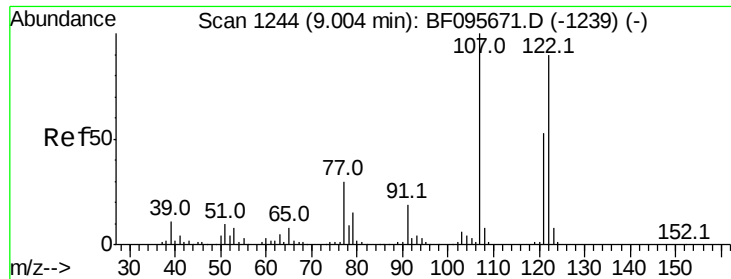
Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:	139	Resp:	123107
Ion Ratio	Lower	Upper	
139	100		
109	25.0	21.0	31.6
65	43.5	33.0	49.6





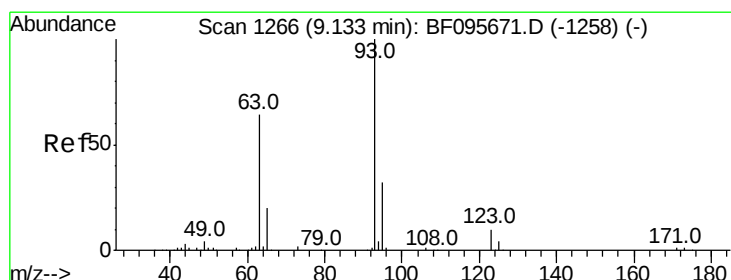
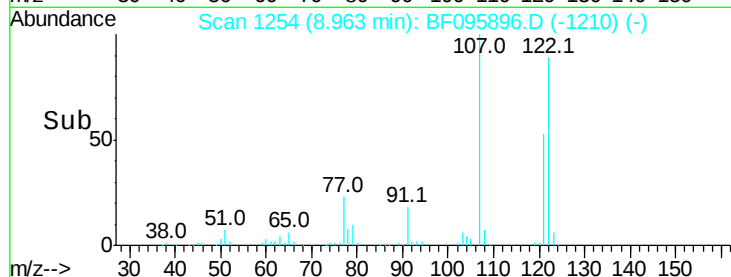
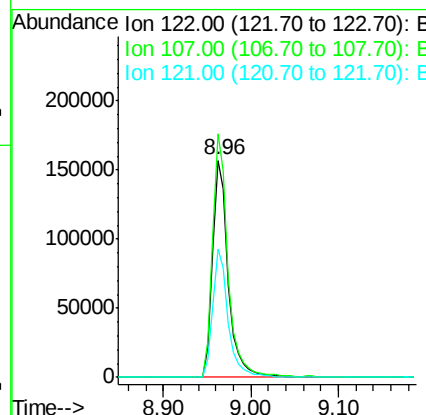
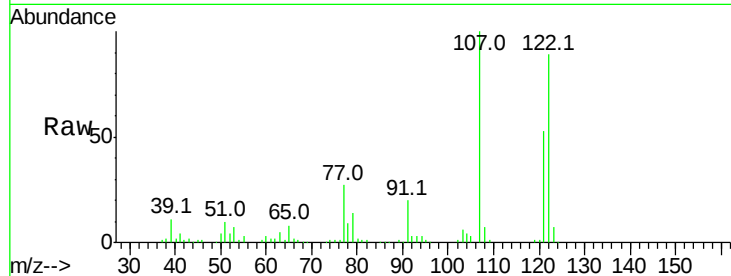
#27
2,4-Dimethylphenol
Concen: 49.73 ng
RT: 8.96 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	197032		
107	112.3	89.2	133.8	
121	59.2	45.2	67.8	

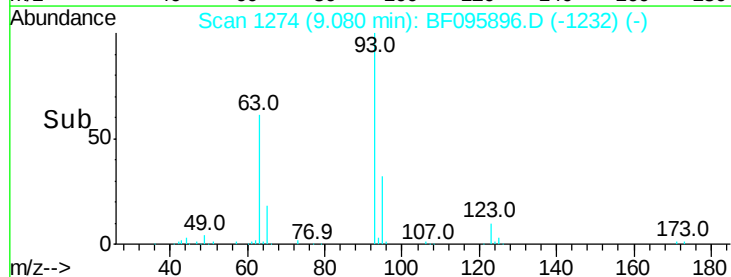
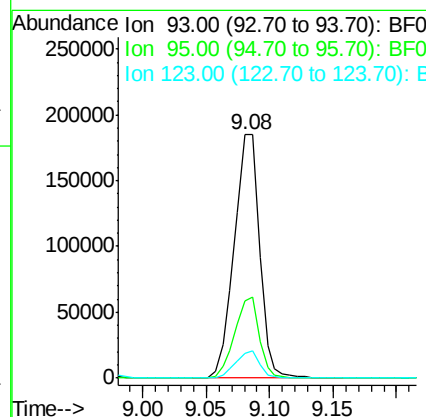
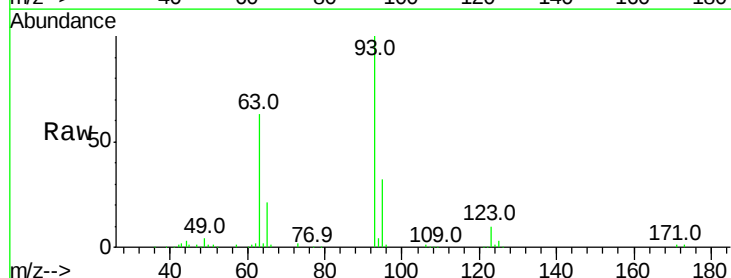
Manual Integrations
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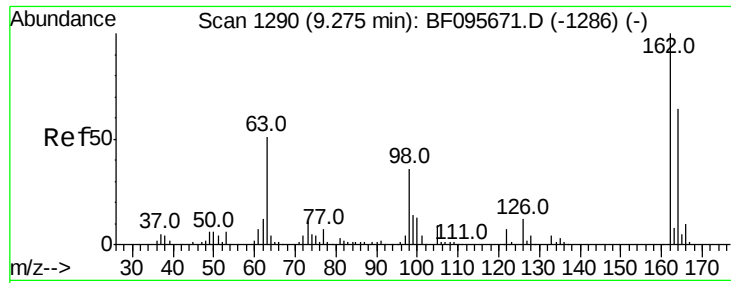
mohammad
6/14/2017 4:24:35 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.61 ng
RT: 9.08 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	256179		
95	31.6	26.5	39.7	
123	10.4	9.0	13.4	





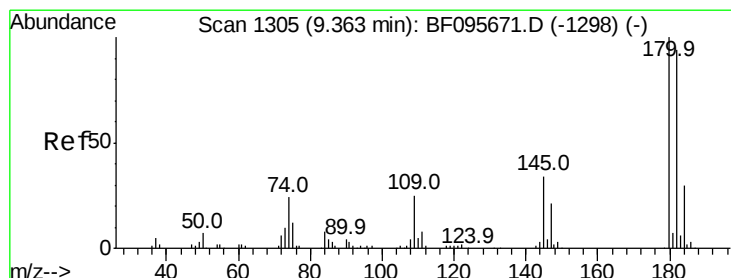
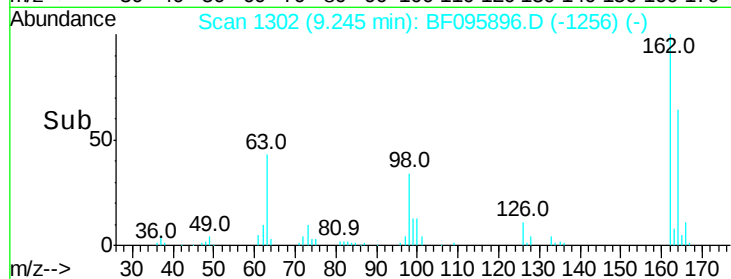
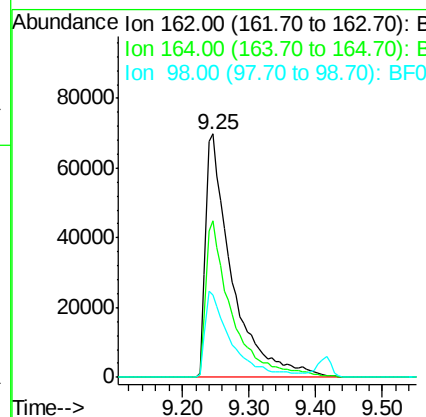
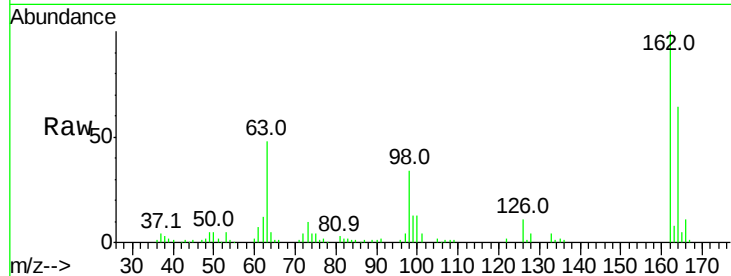
#29
2,4-Dichlorophenol
Concen: 49.53 ng
RT: 9.25 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	44.6	84.6
98	33.7	14.8	54.8

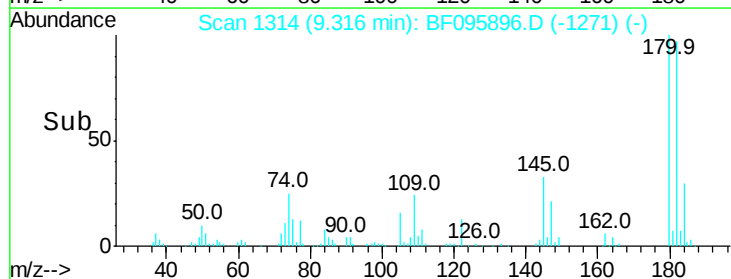
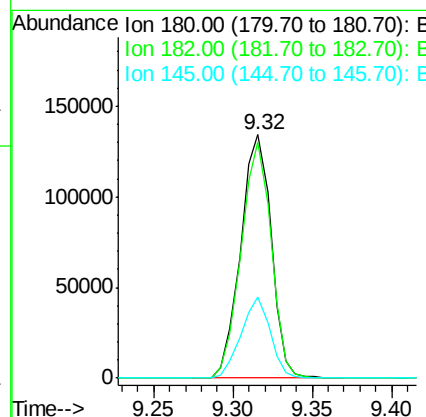
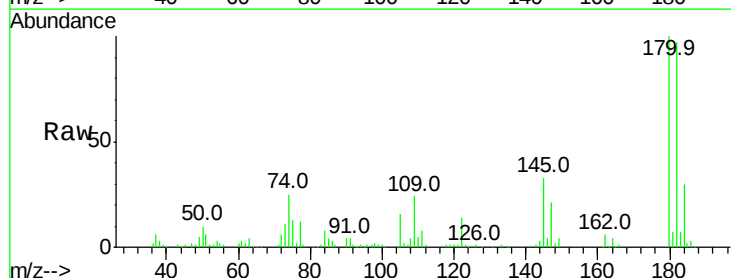
Manual Integrations
APPROVED

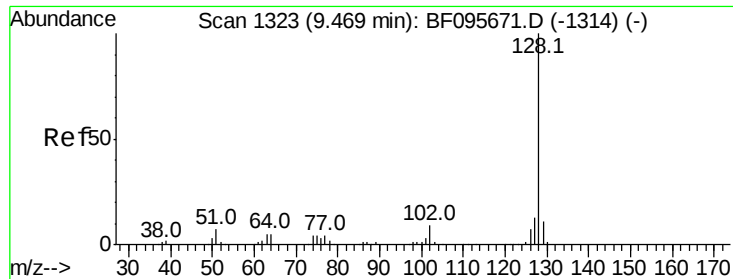
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.23 ng
RT: 9.32 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.8	75.8	113.6
145	33.1	25.3	37.9





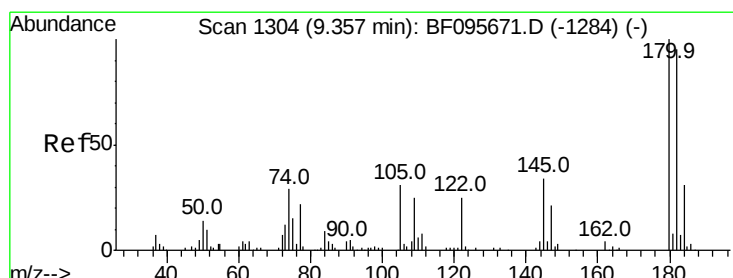
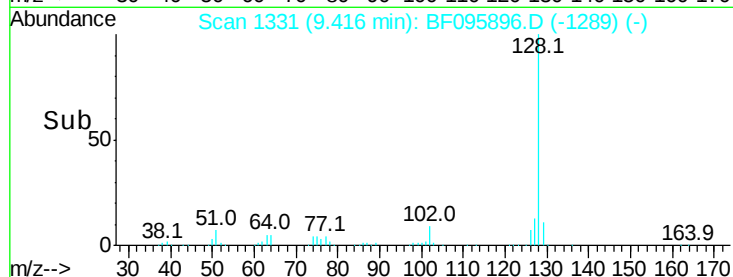
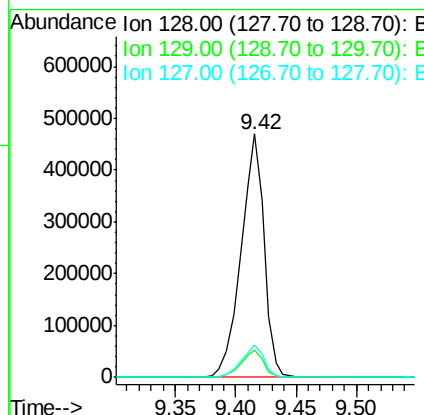
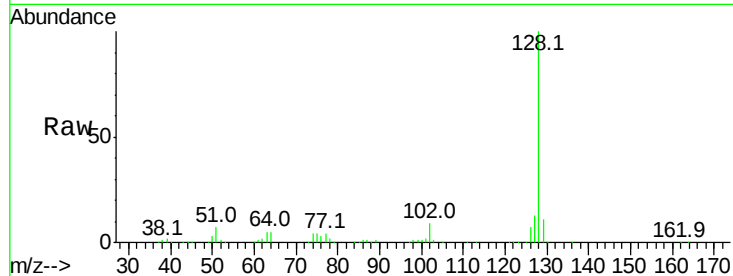
#31
Naphthalene
Concen: 43.85 ng
RT: 9.42 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.2	10.8	16.2

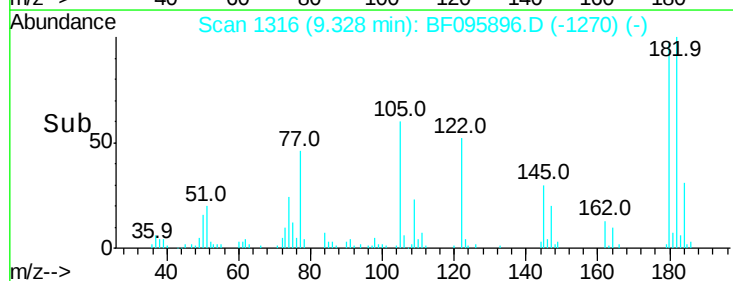
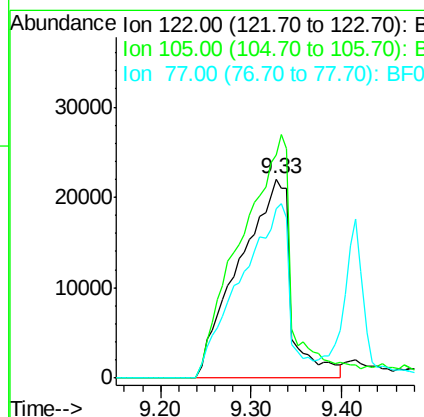
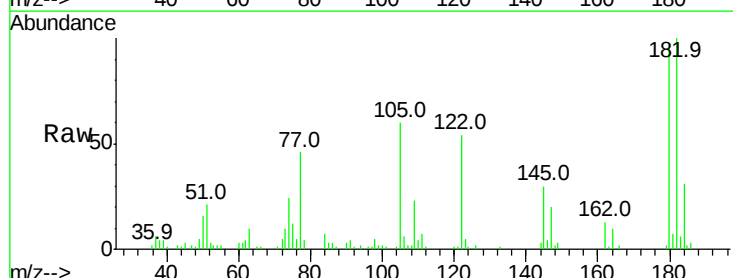
Manual Integrations
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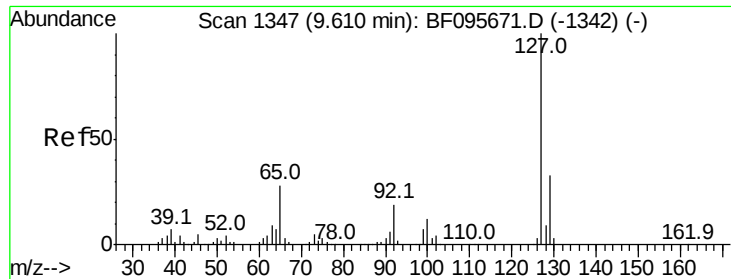
mohammad
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#32
Benzoic acid
Concen: 36.91 ng
RT: 9.33 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.2	103.3	143.3
77	85.0	73.7	113.7





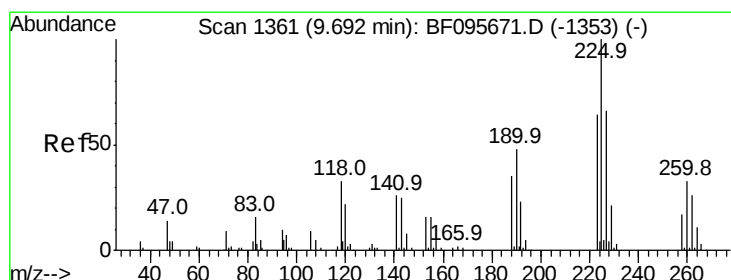
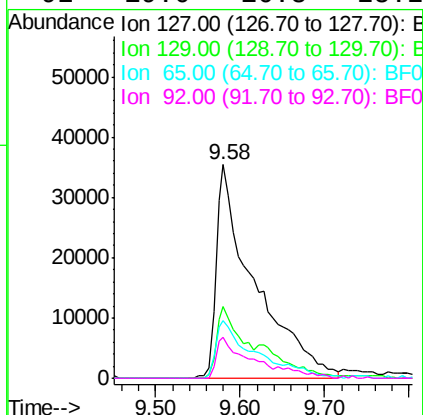
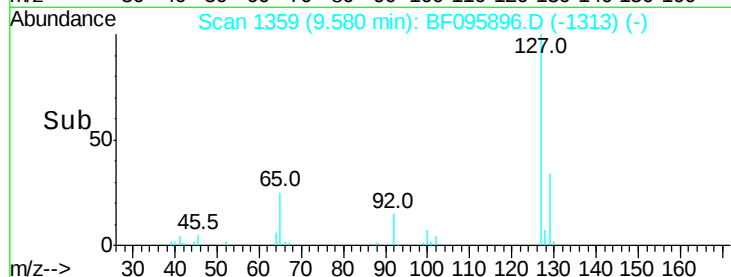
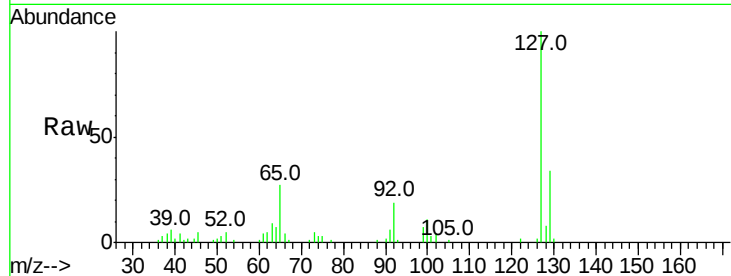
#33
4-Chloroaniline
Concen: 20.04 ng
RT: 9.58 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.2	39.2		
65	27.0	27.8	41.8		
92	19.0	16.8	25.2		

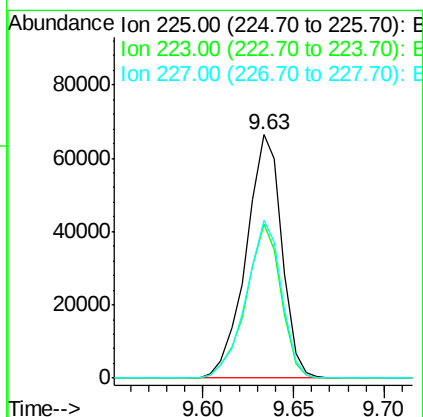
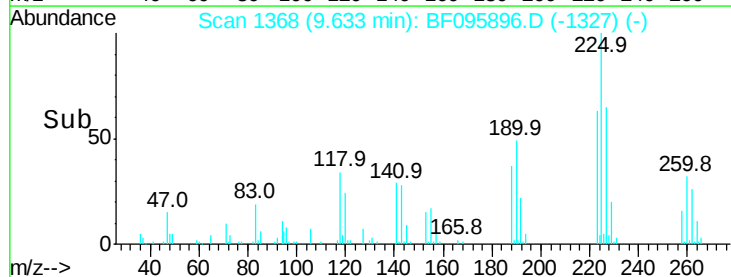
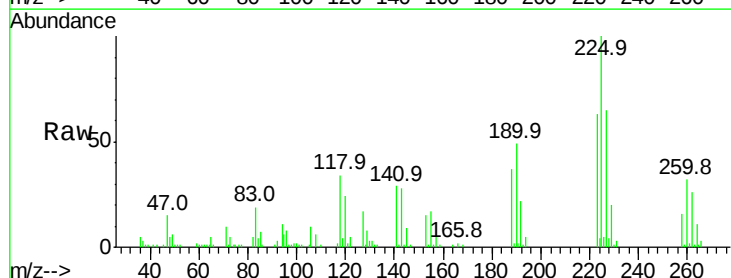
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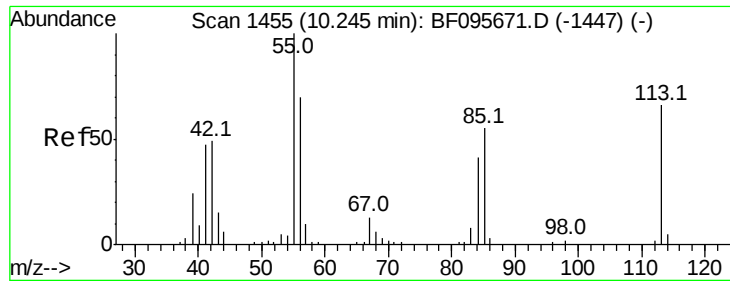
mohammad
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#34
Hexachlorobutadiene
Concen: 44.25 ng
RT: 9.63 min Scan# 1368
Delta R.T. -0.06 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	48.8	73.2		
227	64.6	51.1	76.7		





#35

Caprolactam

Concen: 51.09 ng/mL

RT: 10.22 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

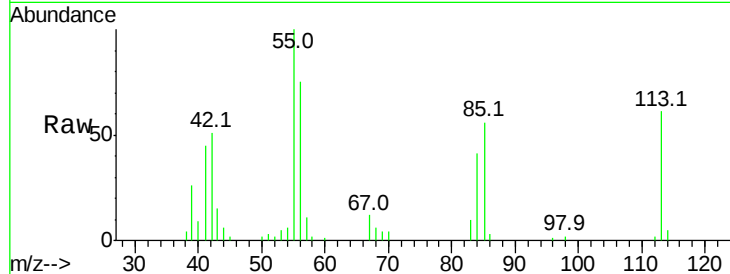
ClientSampleID :

PB99721BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.4	150.2	190.2
56	122.2	107.8	147.8

Manual Integrations
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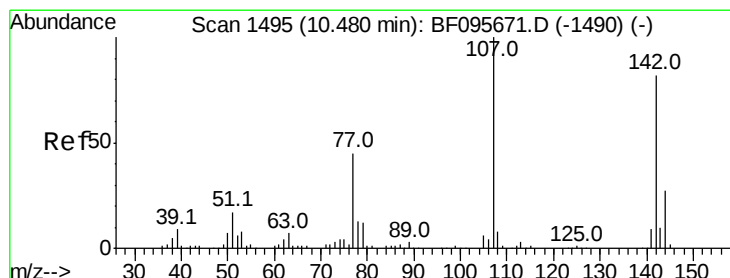
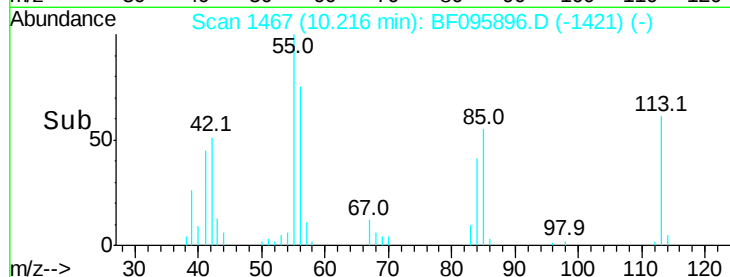
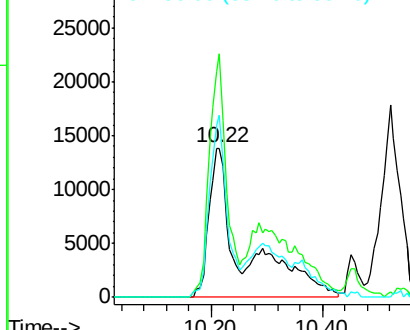
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.88 ng/mL

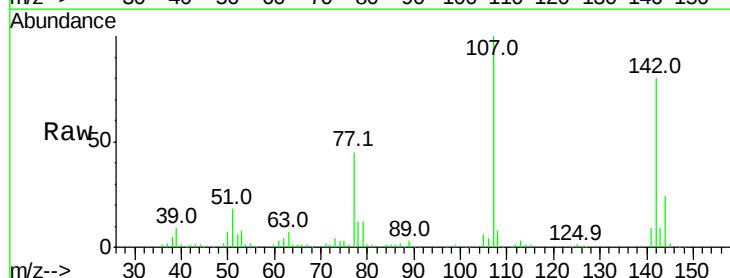
RT: 10.45 min Scan# 1507

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

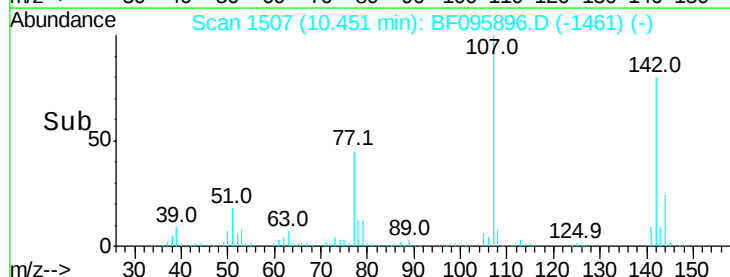
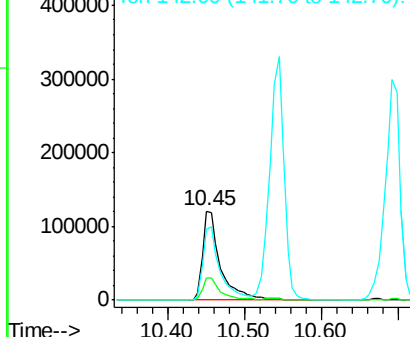
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	24.2	36.4
142	79.9	73.4	110.0

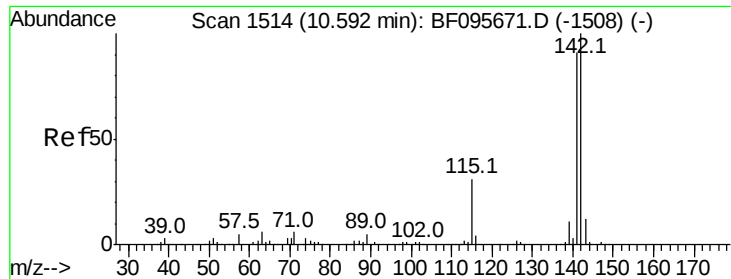


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.55 ng

RT: 10.55 min Scan# 1523

Delta R.T. -0.05 min

Lab File: BF095896.D

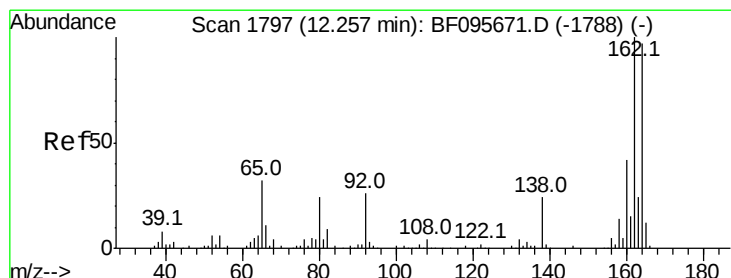
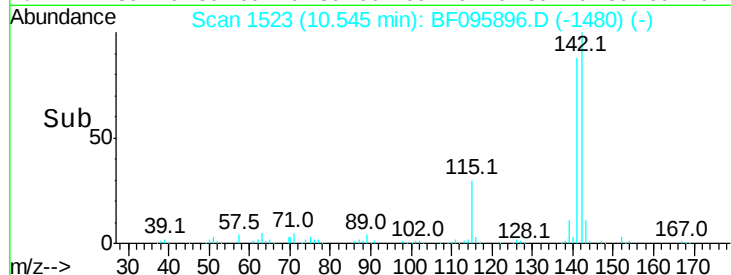
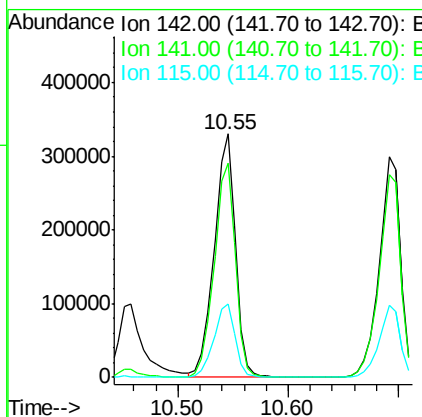
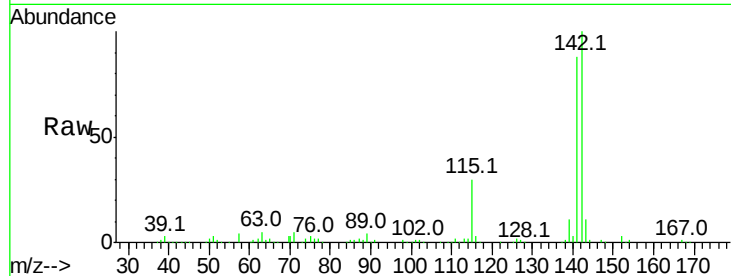
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	29.9	27.1	40.7

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

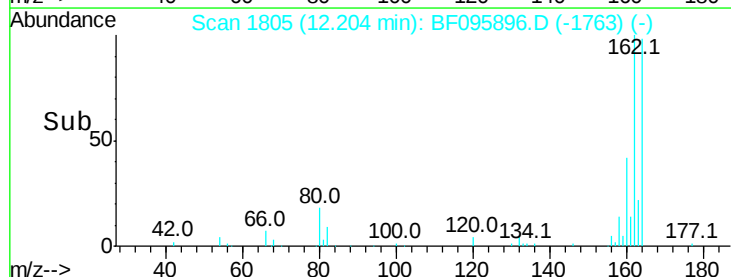
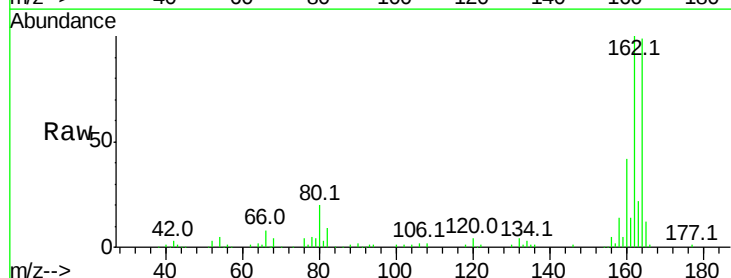
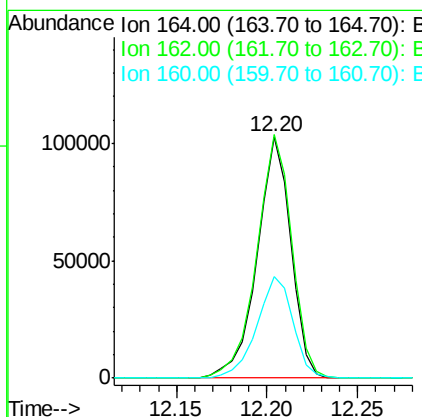
RT: 12.20 min Scan# 1805

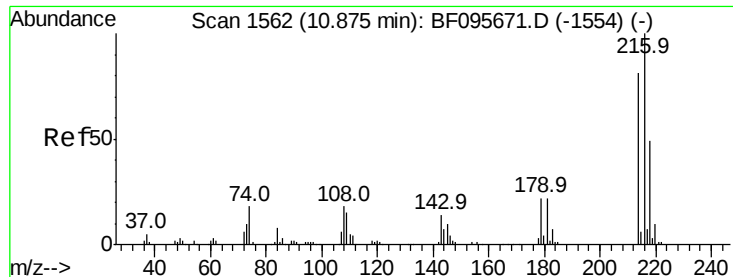
Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	42.0	36.2	54.2





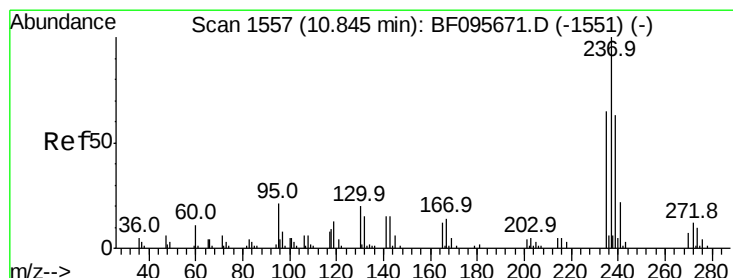
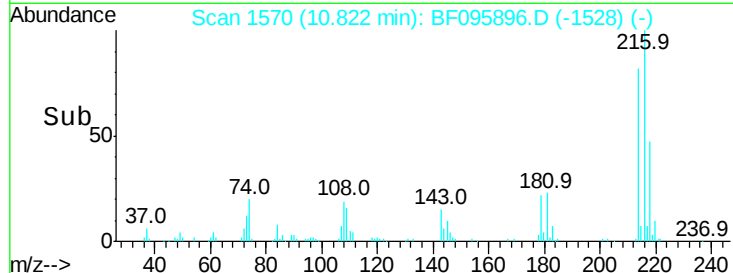
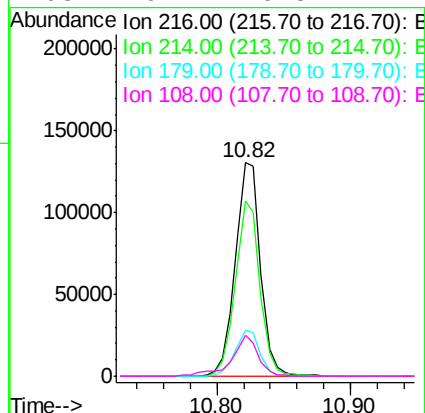
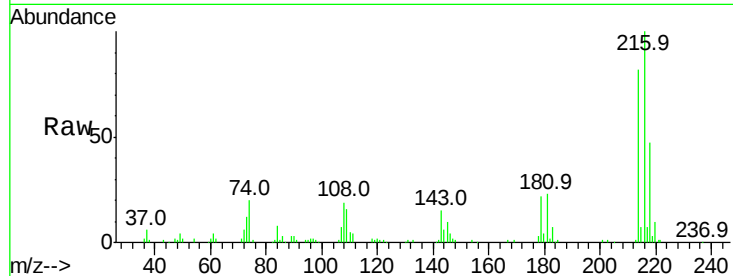
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.53 ng
 RT: 10.82 min Scan# 1570
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	172657		
214	80.2	63.4	95.2	
179	21.2	17.9	26.9	
108	20.1	16.5	24.7	

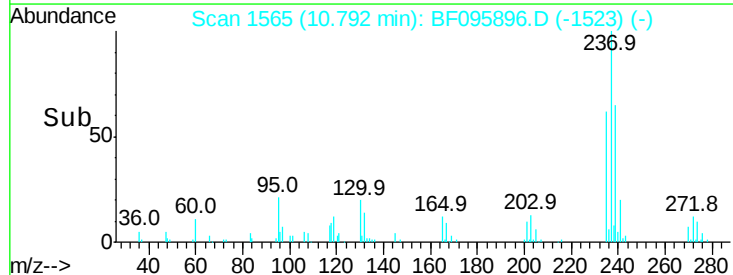
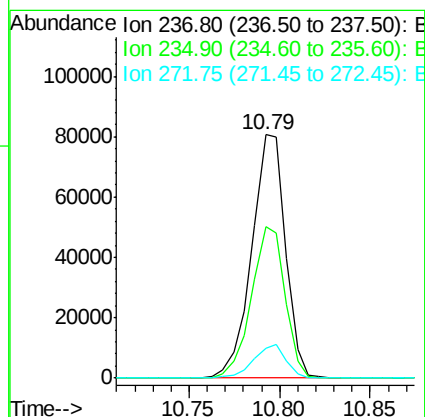
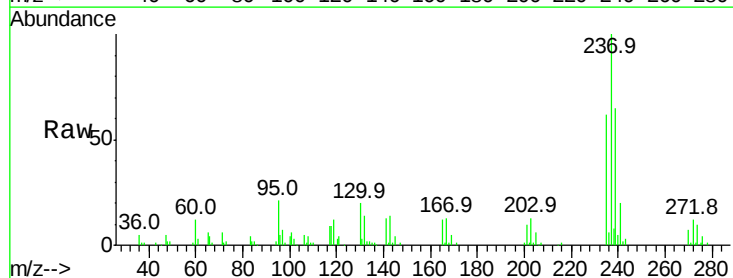
Manual Integrations
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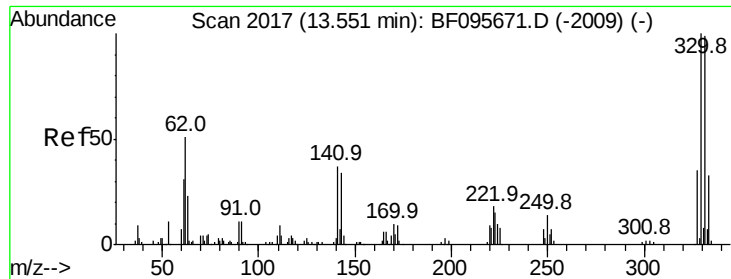
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#40
 Hexachlorocyclopentadiene
 Concen: 83.45 ng
 RT: 10.79 min Scan# 1565
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	104450		
235	61.9	42.6	82.6	
272	12.4	0.0	31.9	





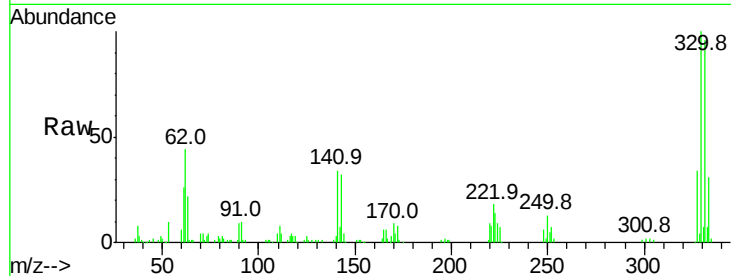
#41
 2,4,6-Tribromophenol
 Concen: 130.79 ng
 RT: 13.51 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampled :
 PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	153364		
332	97.3	76.6	115.0	
141	38.9	31.4	47.2	

Manual Integrations
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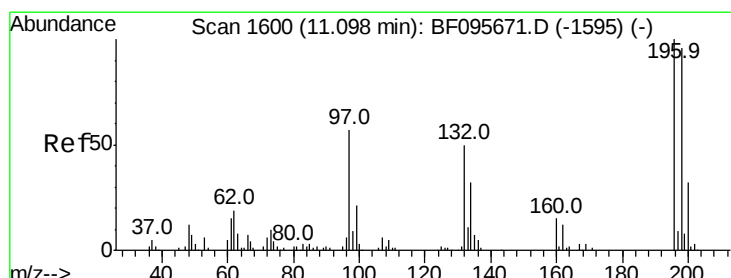
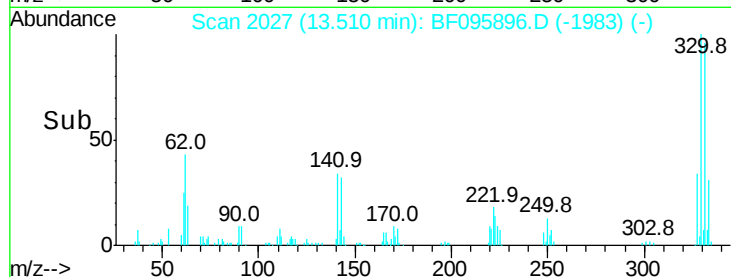
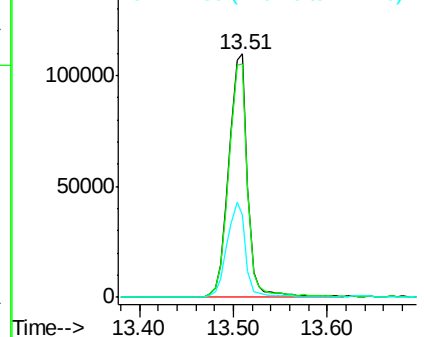


Abundance

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: 45.85 ng
 RT: 11.06 min Scan# 1610
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

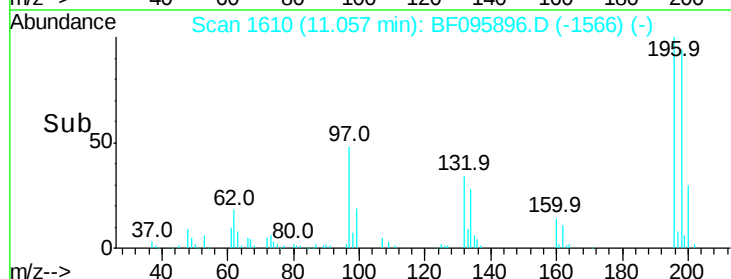
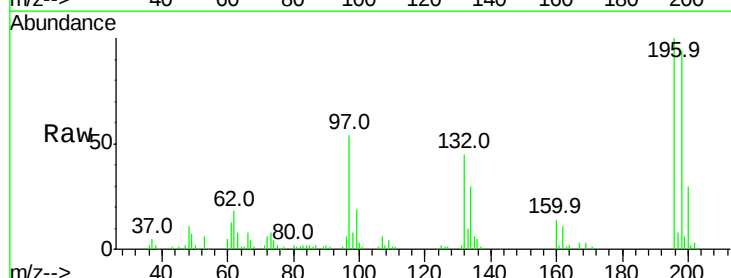
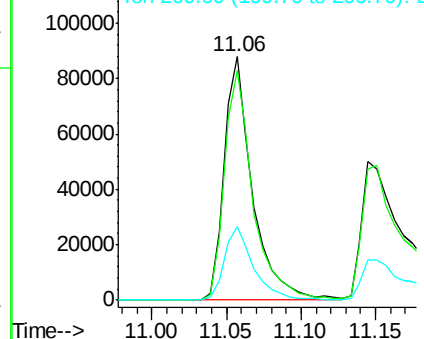
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116920		
198	94.5	74.2	111.4	
200	30.4	24.0	36.0	

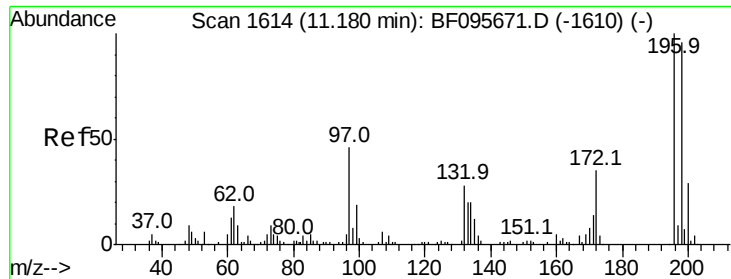
Abundance

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





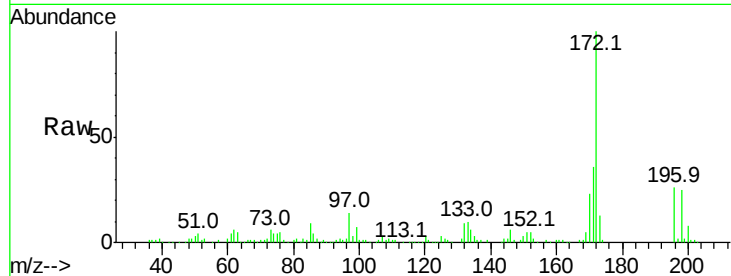
#43
2,4,5-Trichlorophenol
Concen: 41.98 ng
RT: 11.15 min Scan# 1625
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	113877		
198	94.7	75.7	113.5	
97	51.3	47.7	71.5	
132	33.1	28.0	42.0	

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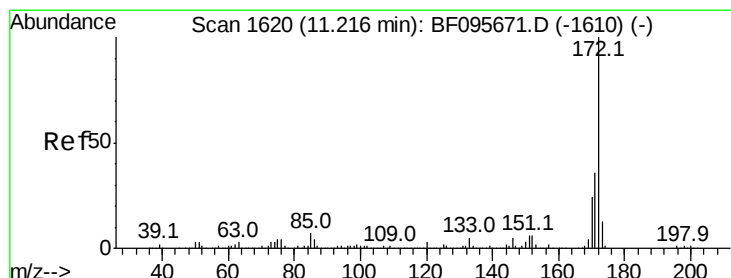
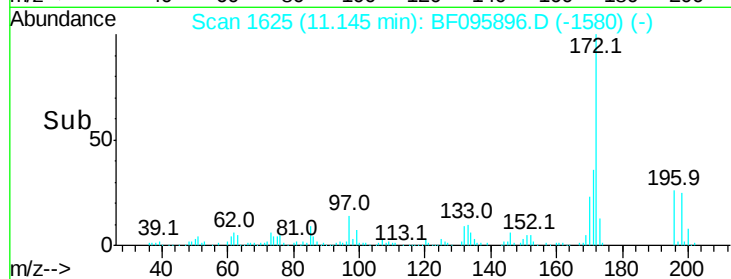
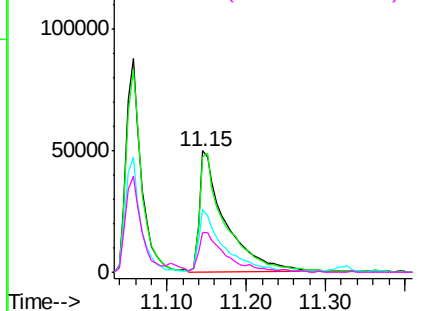
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 87.73 ng
RT: 11.16 min Scan# 1628
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

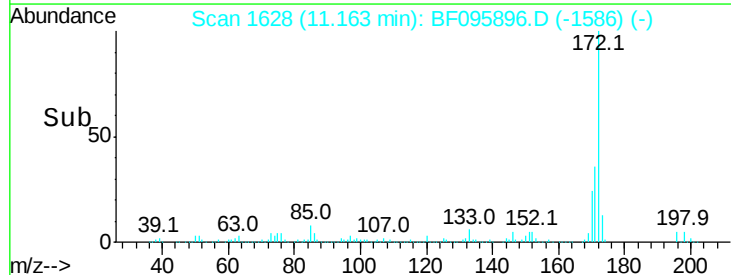
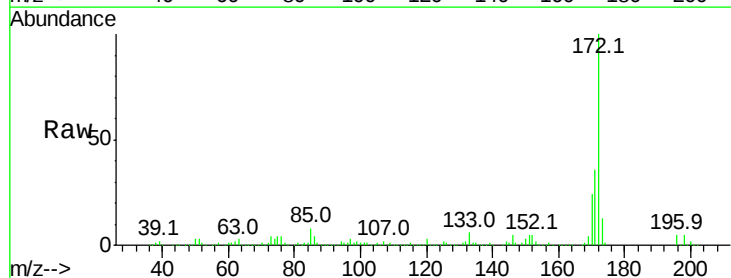
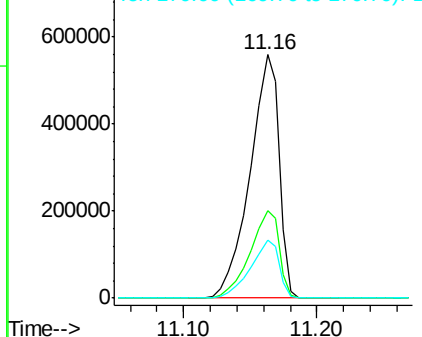
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	835549		
171	35.9	29.6	44.4	
170	23.8	19.8	29.8	

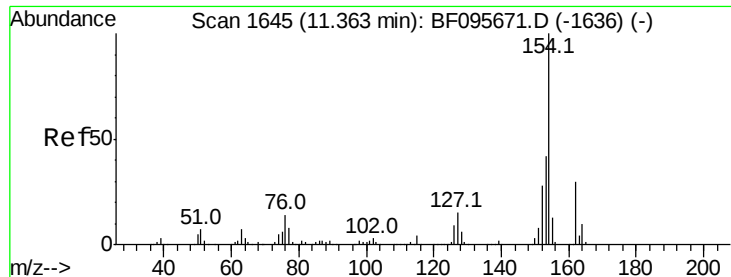
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.62 ng

RT: 11.31 min Scan# 1653

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

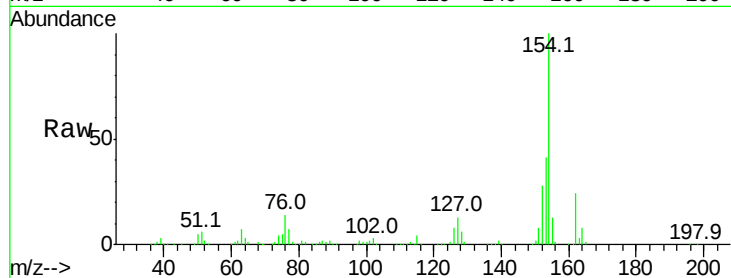
ClientSampleId :

PB99721BS

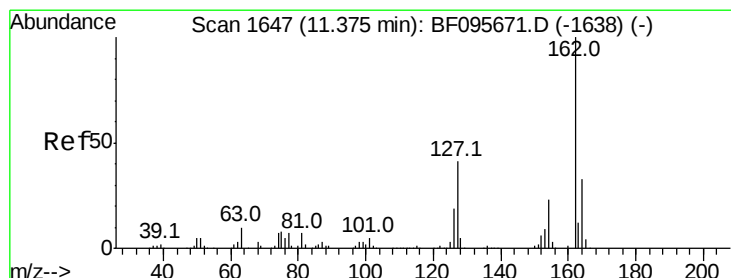
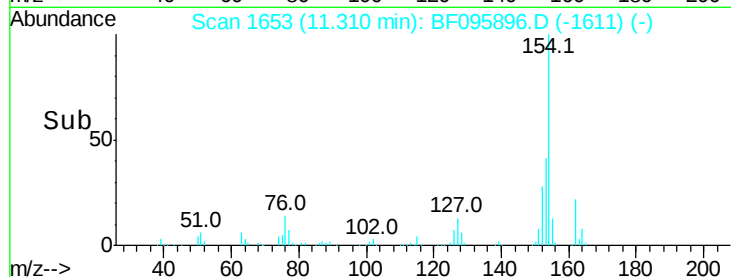
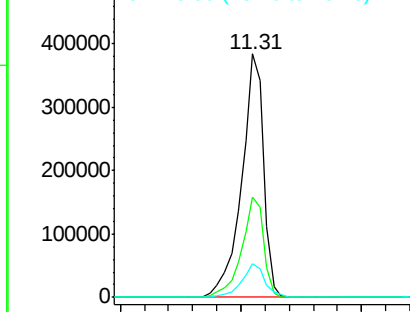
Tot Ion:	154	Resp:	487400
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.2	61.2
76	13.8	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.04 ng

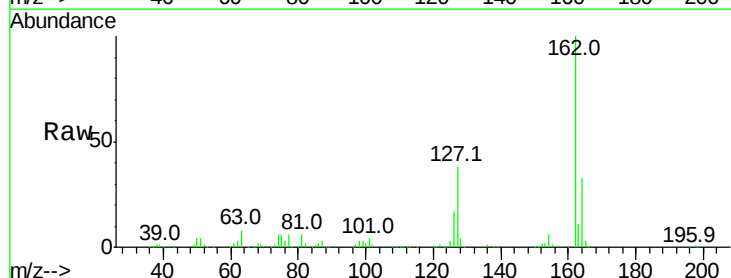
RT: 11.33 min Scan# 1656

Delta R.T. -0.05 min

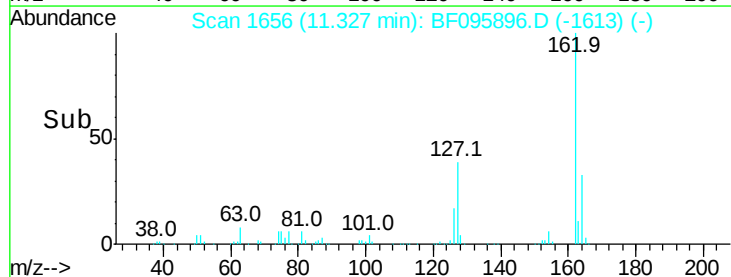
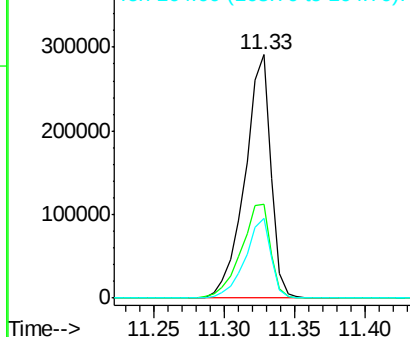
Lab File: BF095896.D

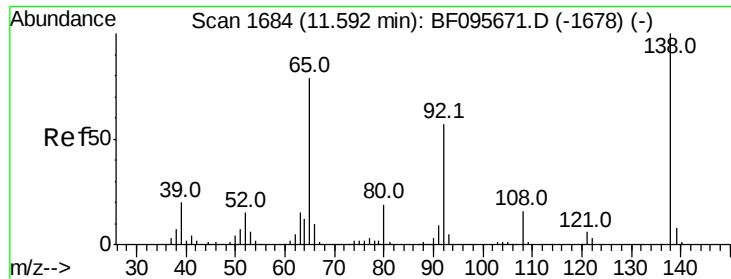
Acq: 13 Jun 2017 16:22

Tgt Ion:	162	Resp:	375868
Ion Ratio	Lower	Upper	
162	100		
127	38.3	28.3	42.5
164	32.6	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





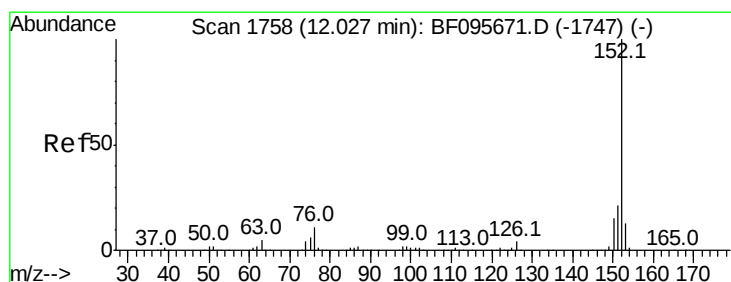
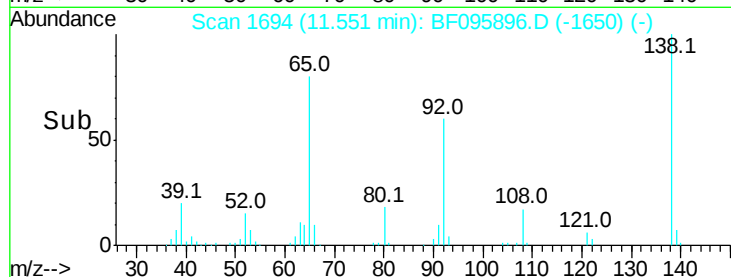
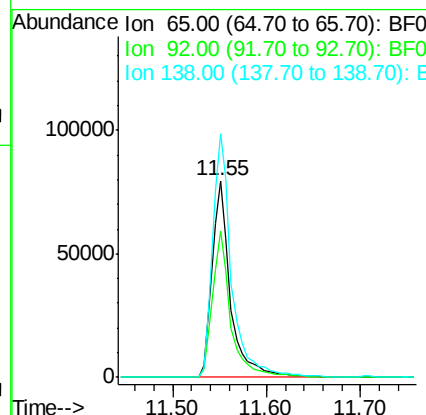
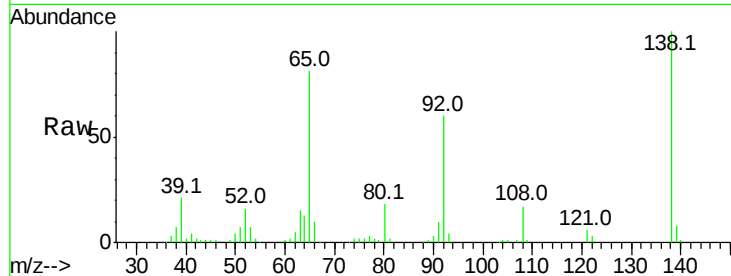
#47
2-Nitroaniline
Concen: 44.25 ng
RT: 11.55 min Scan# 1694
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.6	53.9	80.9
138	123.9	78.8	118.2

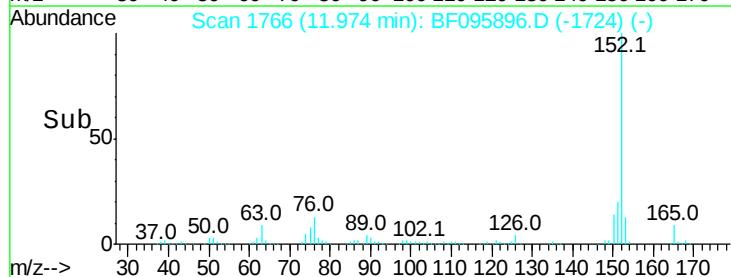
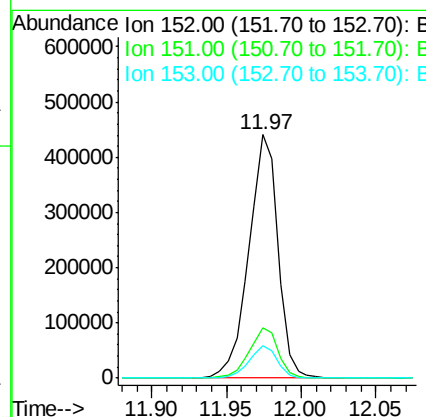
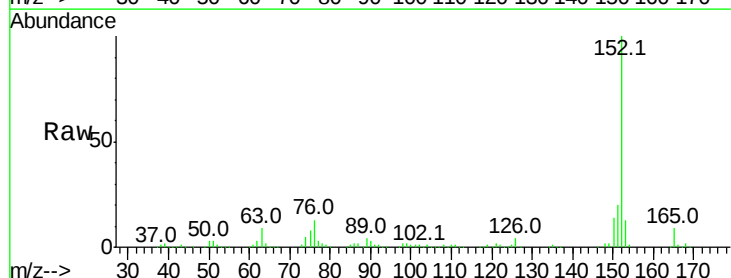
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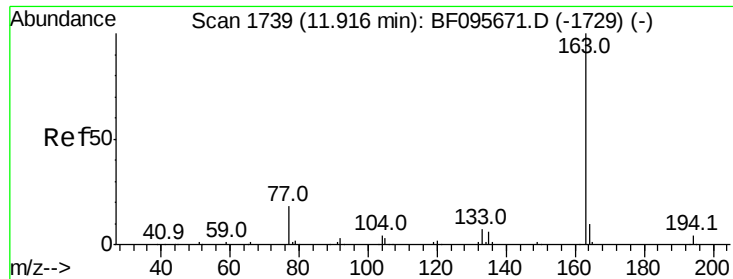
mohammad
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#48
Acenaphthylene
Concen: 40.52 ng
RT: 11.97 min Scan# 1766
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.3	10.8	16.2





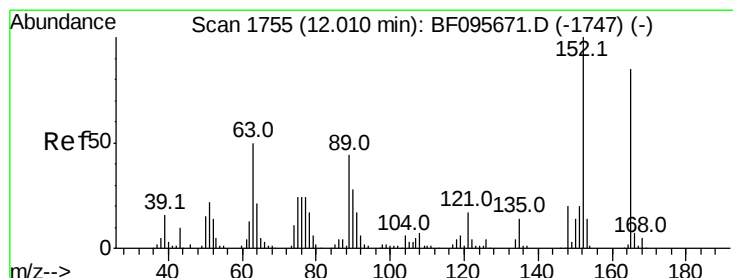
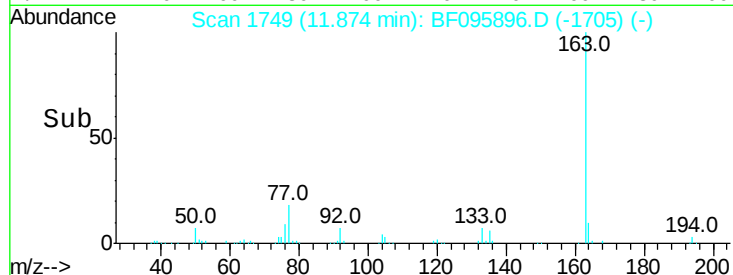
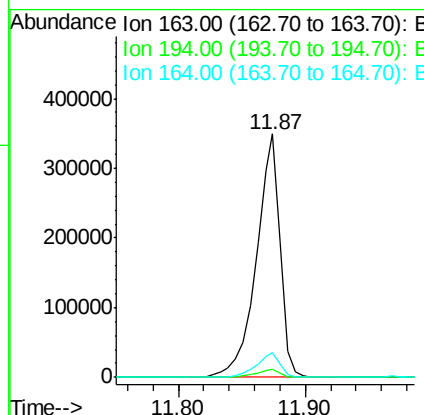
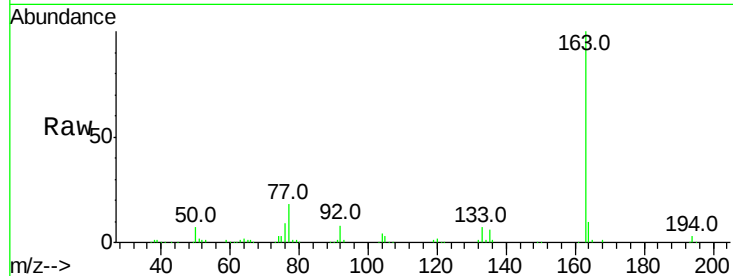
#49
Dimethylphthalate
Concen: 45.33 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.4		2.6	4.0	
164	10.1		8.4	12.6	

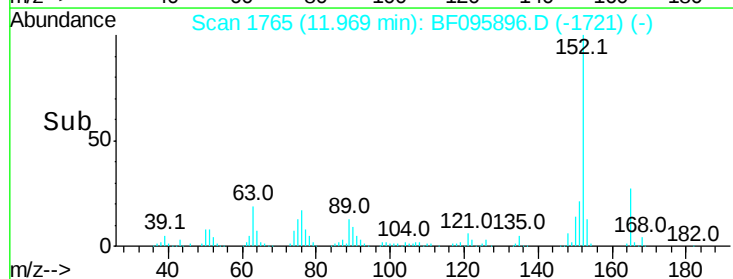
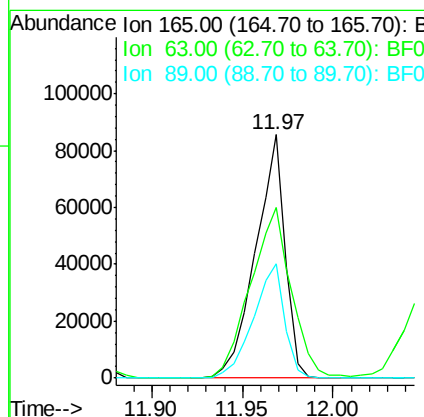
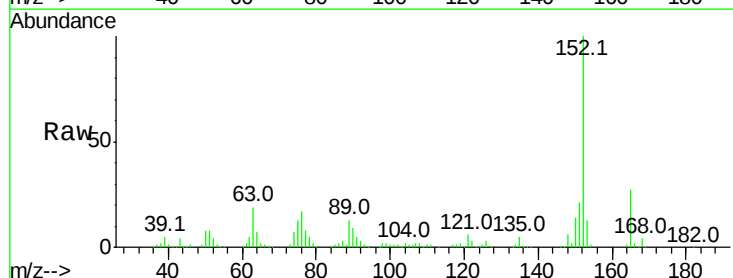
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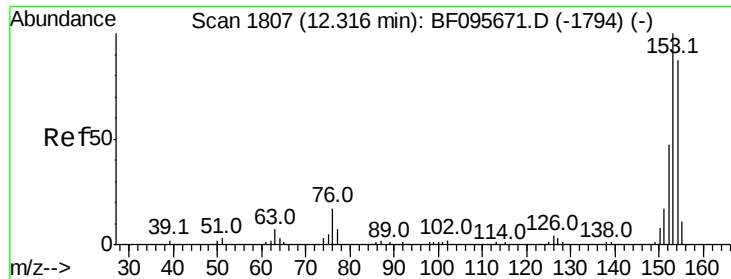
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.17 ng
RT: 11.97 min Scan# 1765
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	70.1		34.3	51.5#	
89	47.0		37.1	55.7	





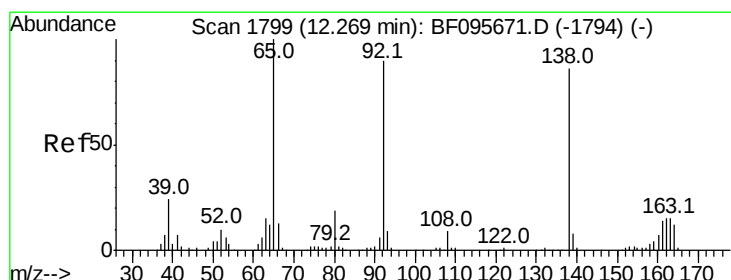
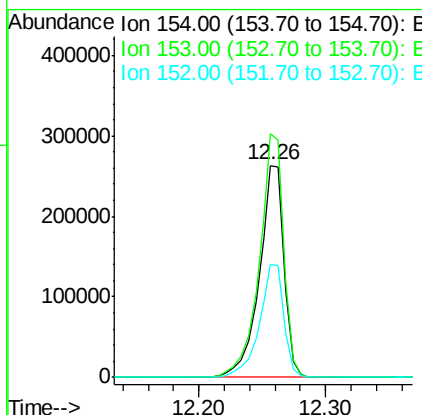
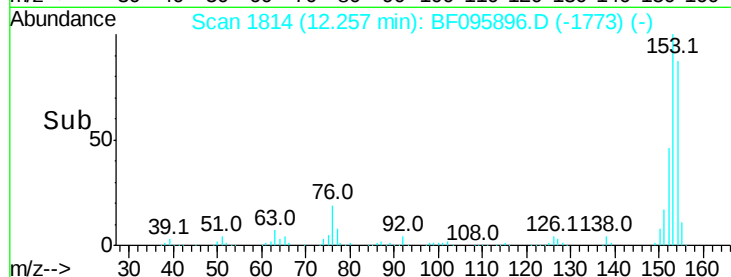
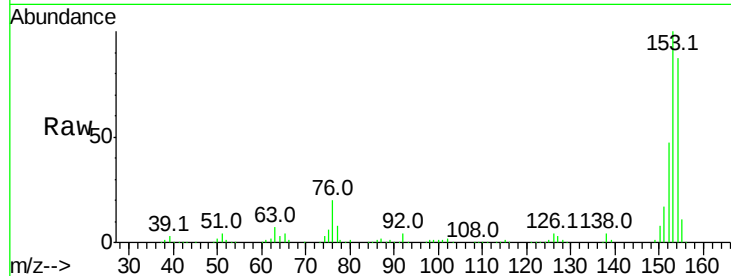
#51
Acenaphthene
Concen: 42.25 ng
RT: 12.26 min Scan# 1814
Delta R.T. -0.06 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.5	135.7
152	53.6	43.6	65.4

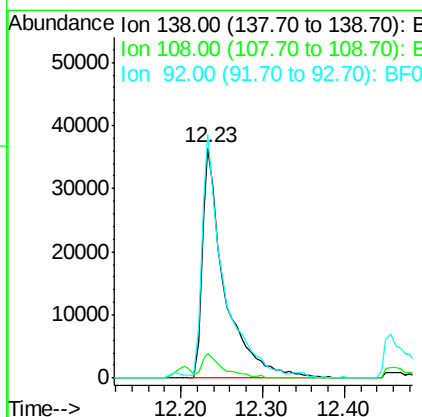
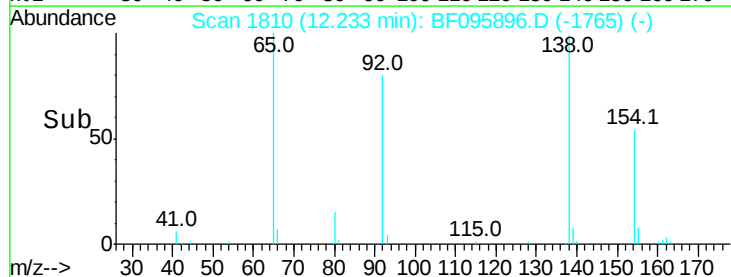
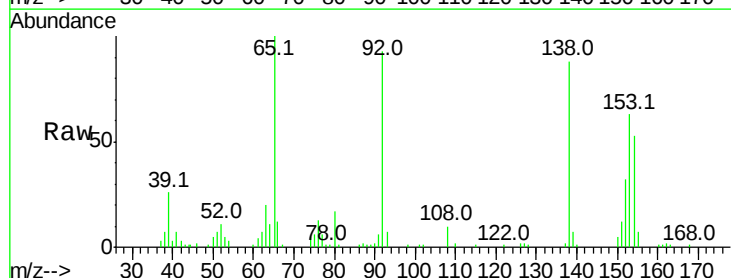
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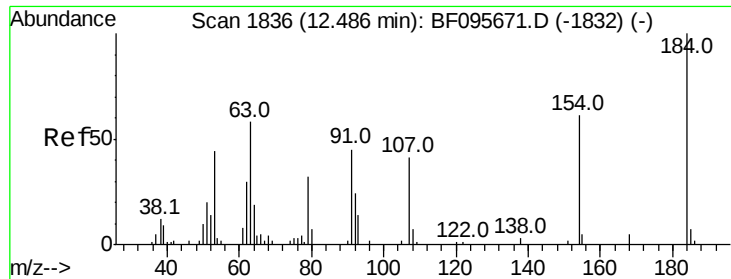
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#52
3-Nitroaniline
Concen: 26.99 ng
RT: 12.23 min Scan# 1810
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	105.8	93.8	140.6





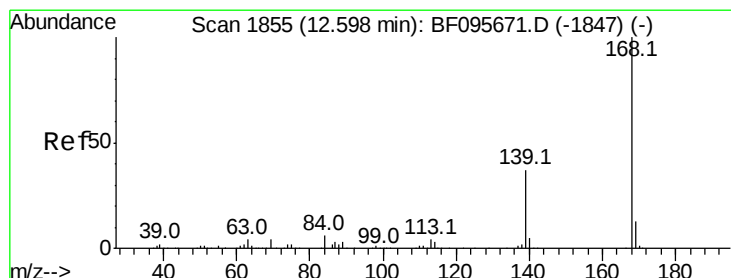
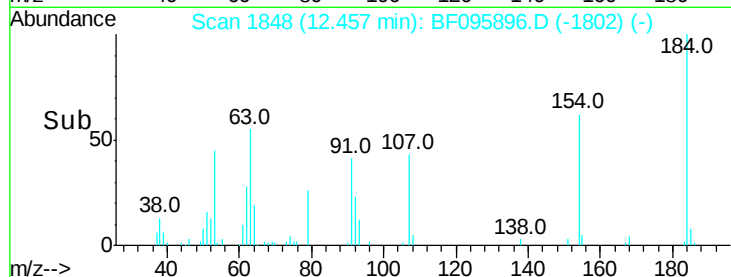
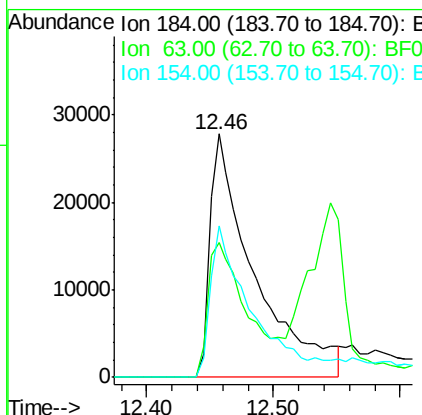
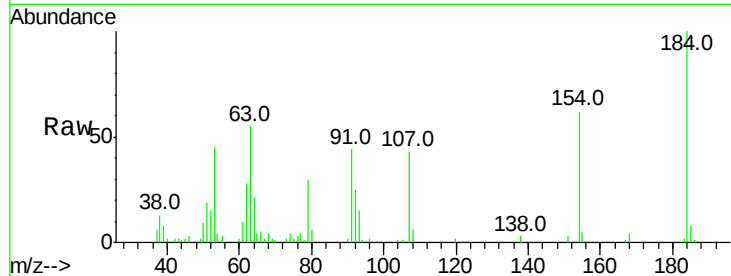
#53
 2,4-Dinitrophenol
 Concen: 56.25 ng
 RT: 12.46 min Scan# 1848
 Delta R.T. -0.03 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BS

Tot Ion:184 Resp: 67312
 Ion Ratio Lower Upper
 184 100
 63 55.2 62.7 94.1#
 154 62.2 81.1 121.7#

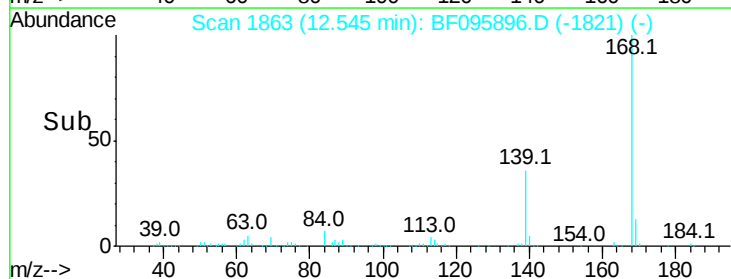
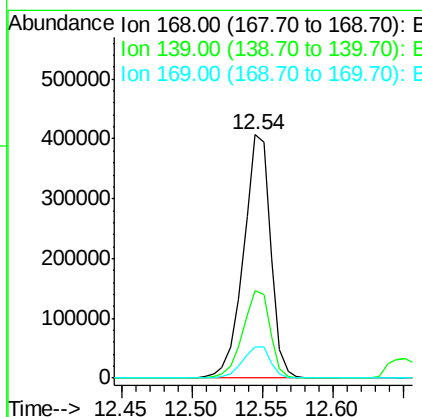
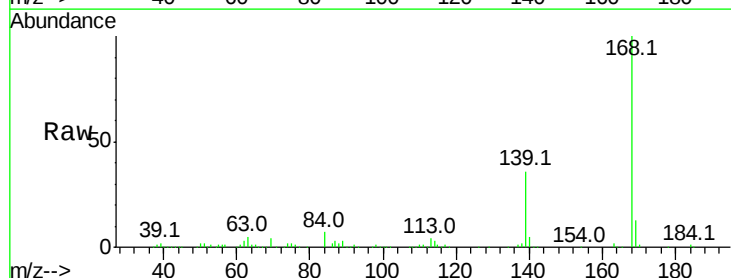
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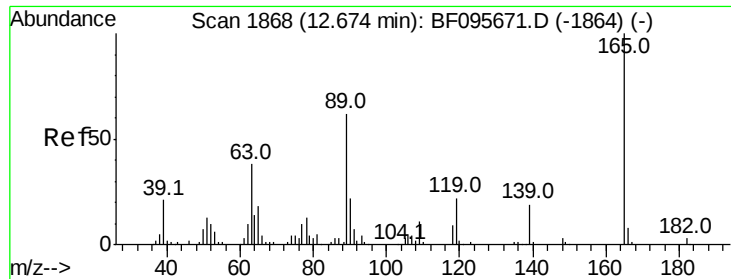
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#54
 Dibenzofuran
 Concen: 46.09 ng
 RT: 12.54 min Scan# 1863
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion:168 Resp: 546716
 Ion Ratio Lower Upper
 168 100
 139 35.9 30.6 45.8
 169 13.0 10.8 16.2





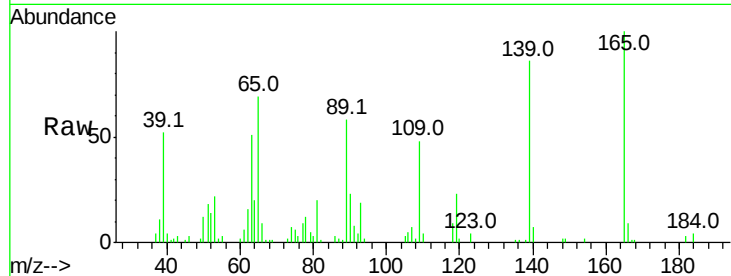
#55
4-Nitrophenol
Concen: 75.19 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.4	34.1	74.1	
65	80.8	31.4	71.4	#

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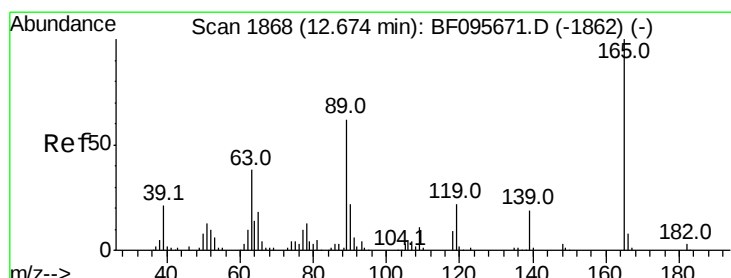
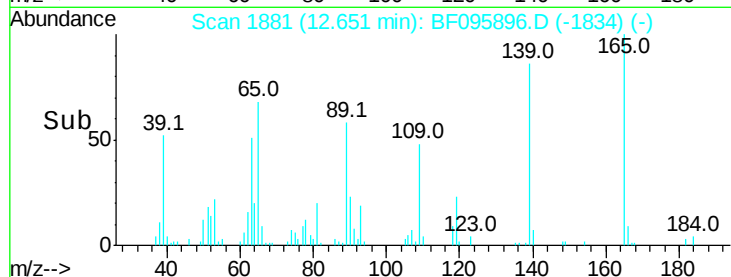
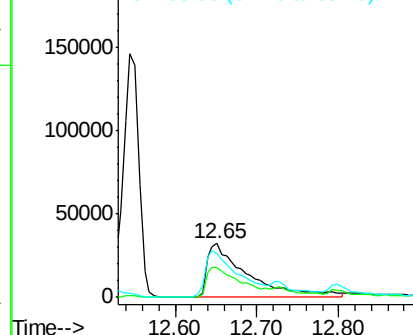


Abundance

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): E



#56
2,4-Dinitrotoluene
Concen: 45.93 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.1	25.4	38.0	#
89	63.1	46.4	69.6	
182	2.7	1.8	2.6	#

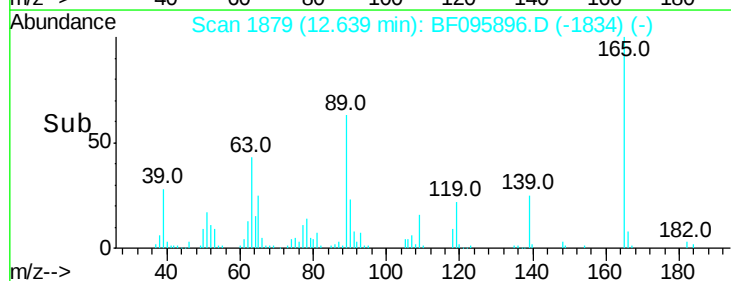
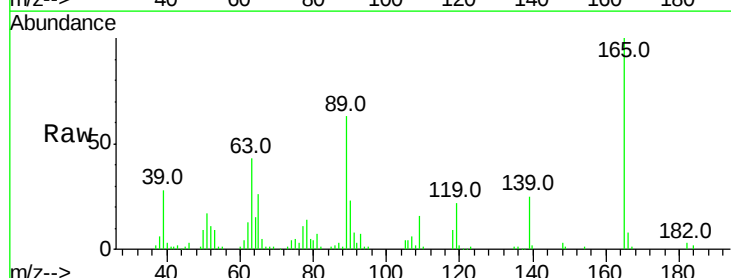
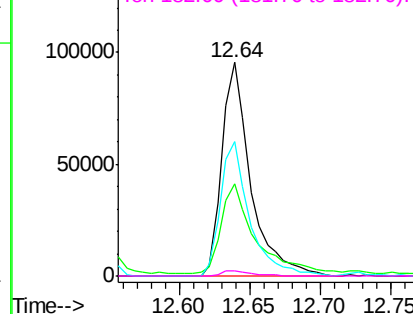
Abundance

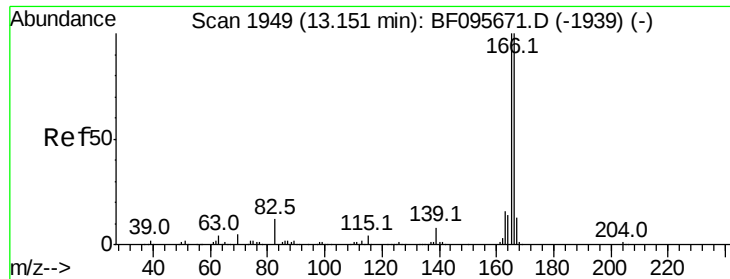
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.68 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

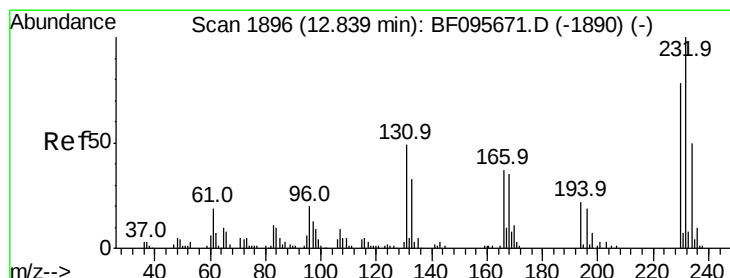
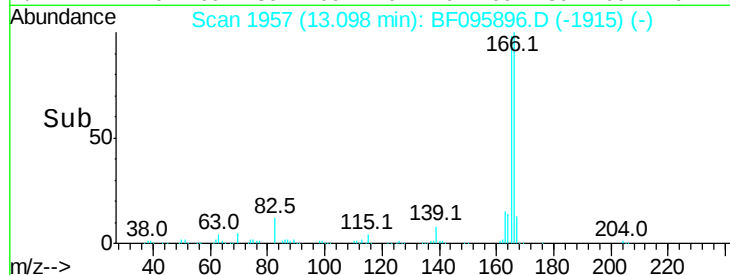
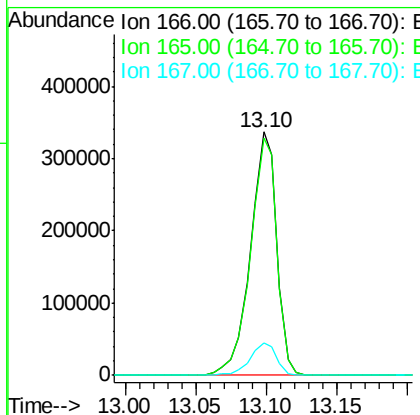
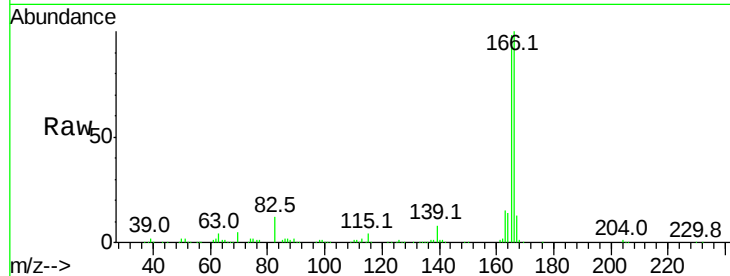
ClientSampleId :

PB99721BS

Tot Ion:	166	Resp:	440565
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.8	118.2
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.57 ng

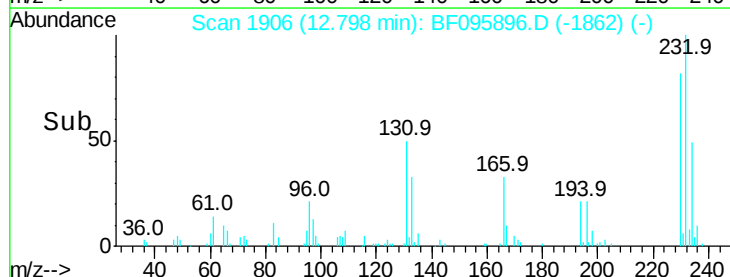
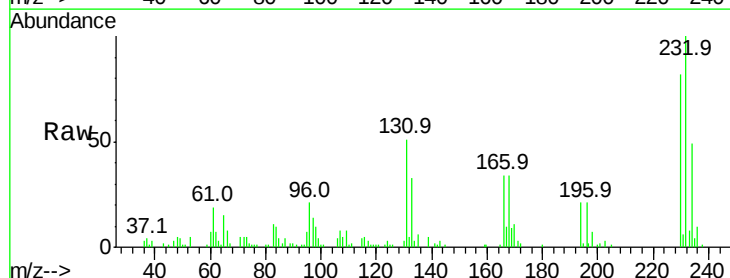
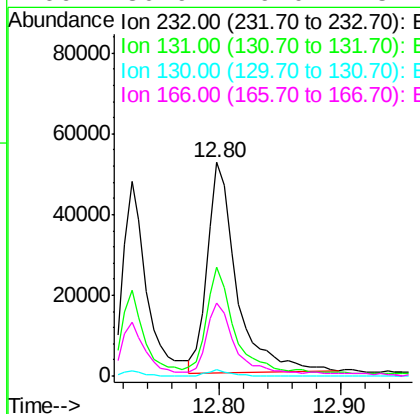
RT: 12.80 min Scan# 1906

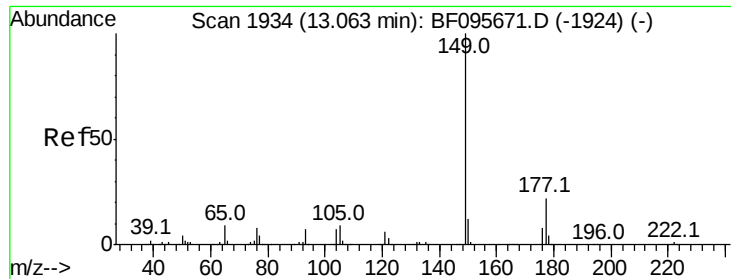
Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:	232	Resp:	88292
Ion Ratio	Lower	Upper	
232	100		
131	51.8	44.8	67.2
130	2.2	2.3	3.5#
166	30.9	29.0	43.4





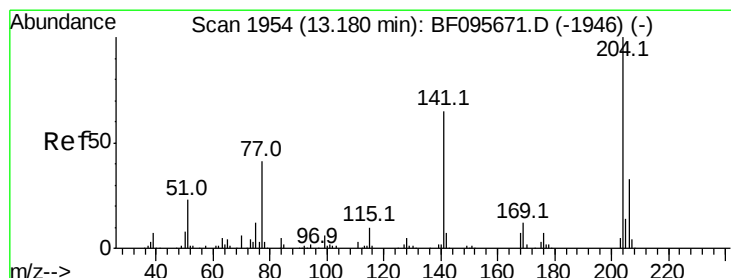
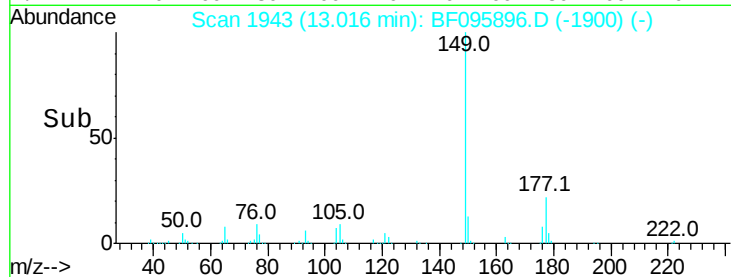
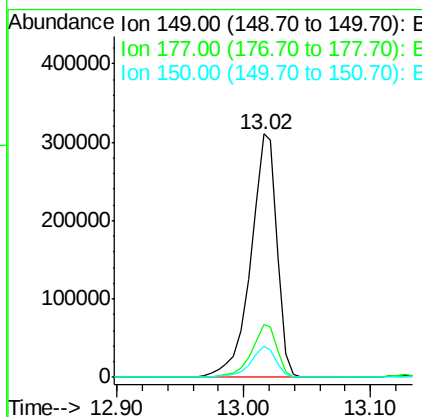
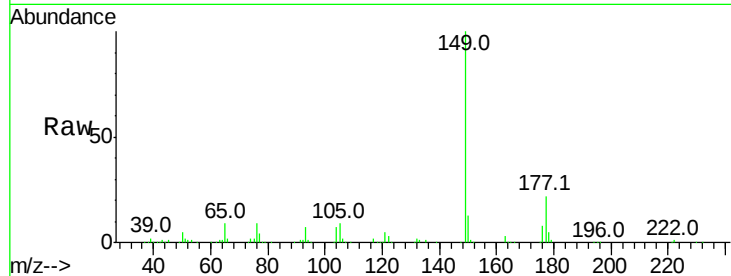
#59
Diethylphthalate
Concen: 46.36 ng
RT: 13.02 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	448975		
177	21.5	16.7	25.1	
150	12.6	10.2	15.2	

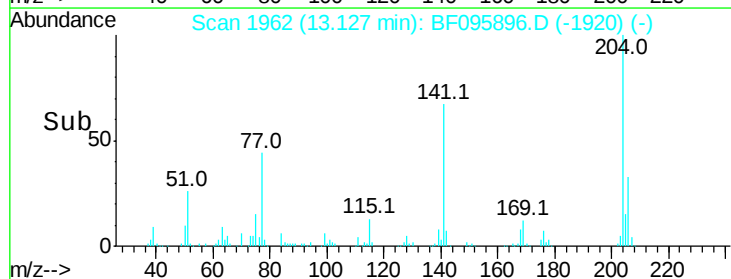
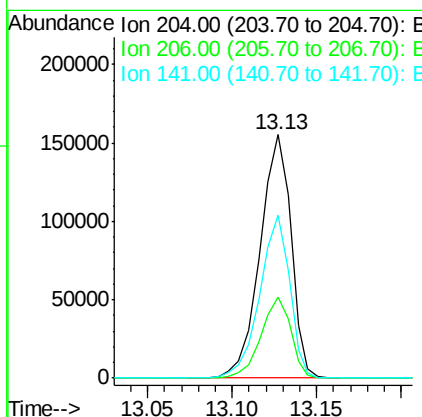
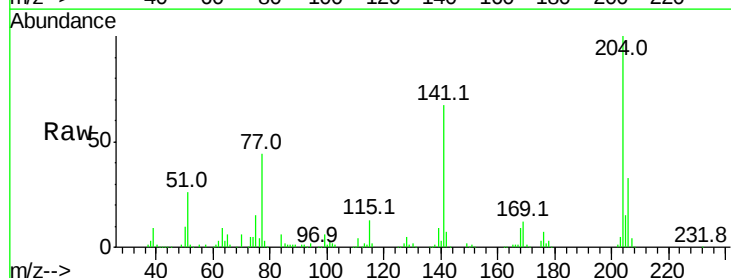
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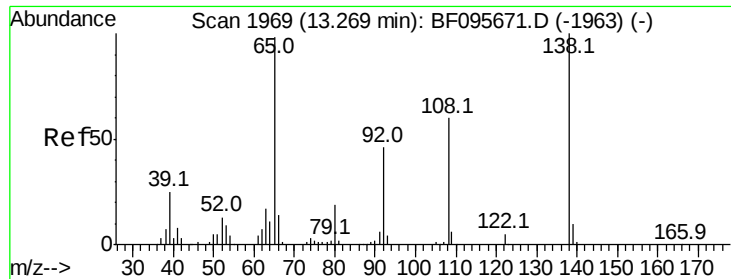
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.17 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	198306		
206	33.1	26.2	39.2	
141	66.8	60.8	91.2	





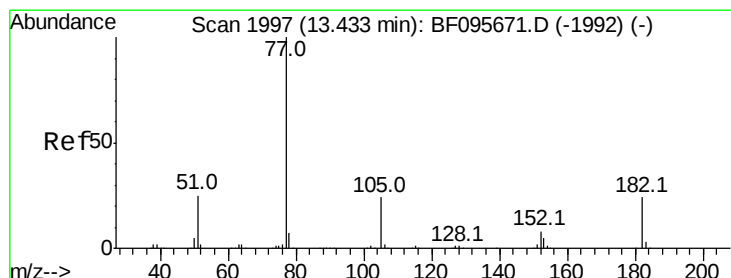
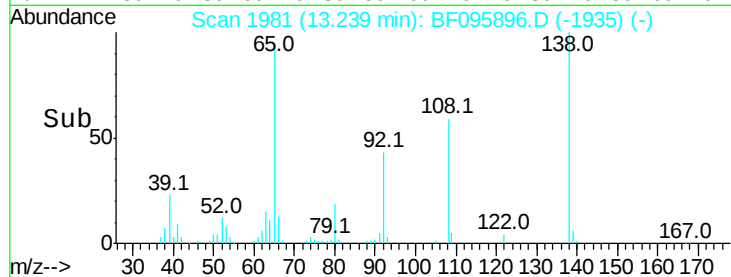
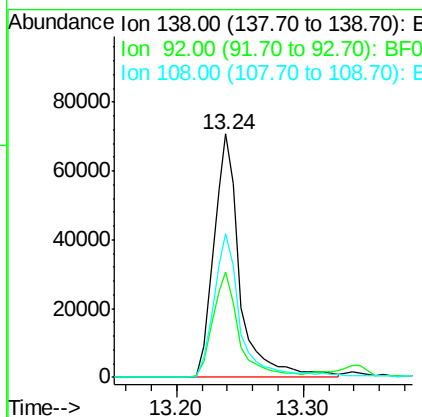
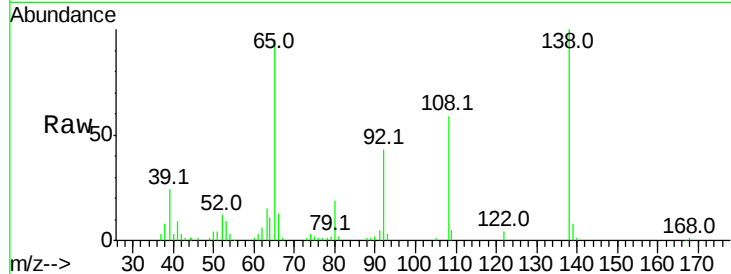
#61
4-Nitroaniline
Concen: 42.58 ng
RT: 13.24 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	101675		
92	43.1	21.8	61.8	
108	59.1	42.3	82.3	

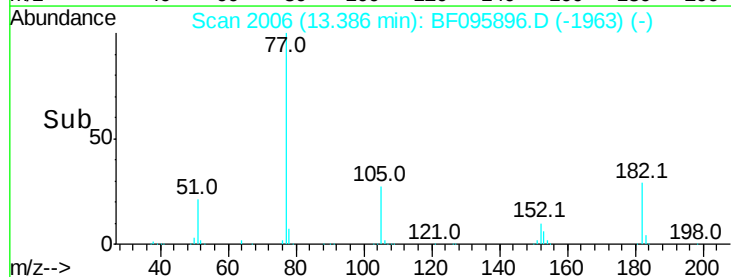
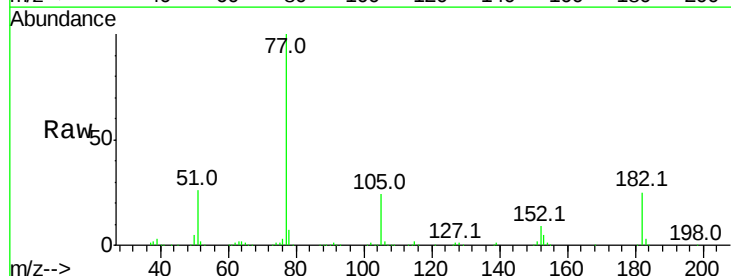
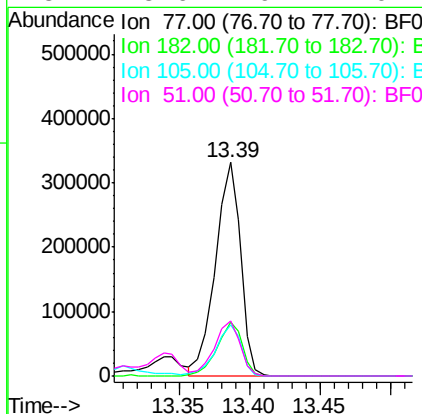
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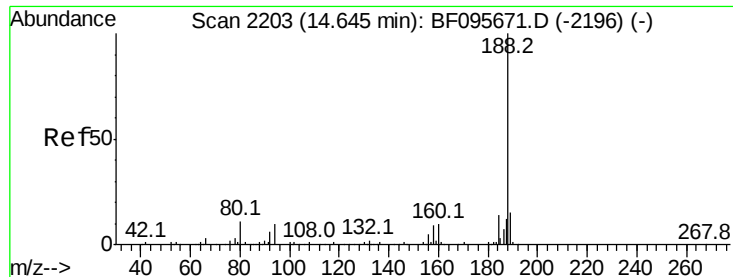
mohammad
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#62
Azobenzene
Concen: 46.76 ng
RT: 13.39 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	410386		
182	25.2	0.1	40.1	
105	24.1	3.6	43.6	
51	25.6	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 2212

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

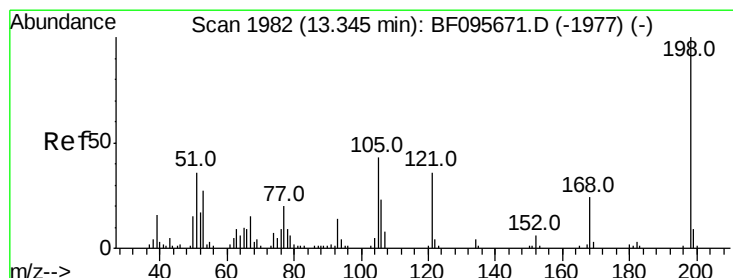
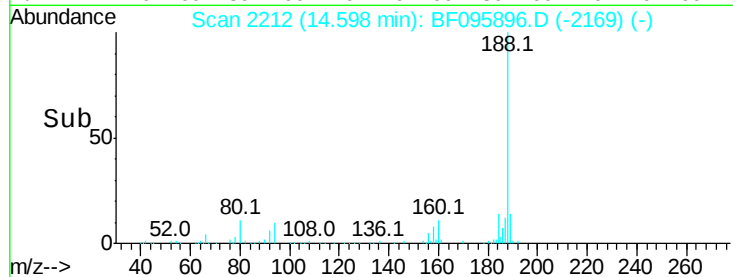
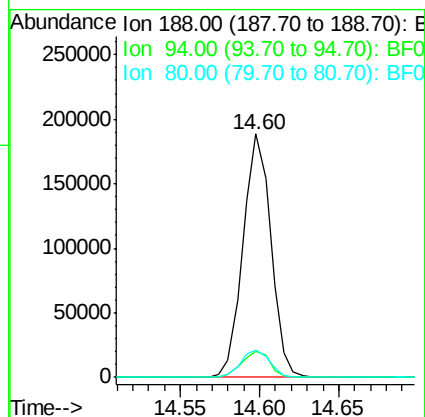
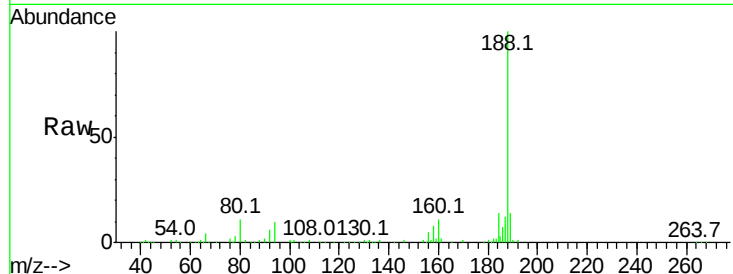
ClientSampleID :

PB99721BS

Tot Ion:	188	Resp:	230469
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	11.3	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.54 ng

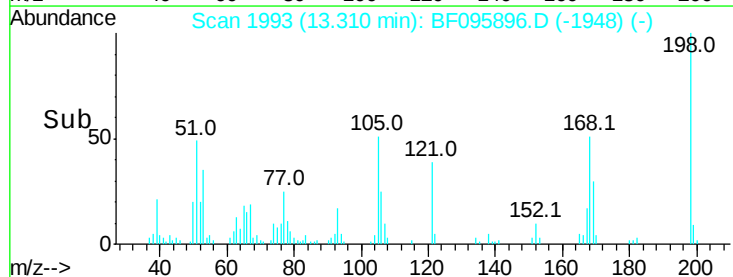
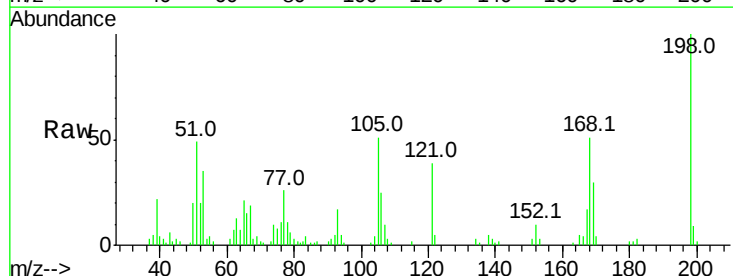
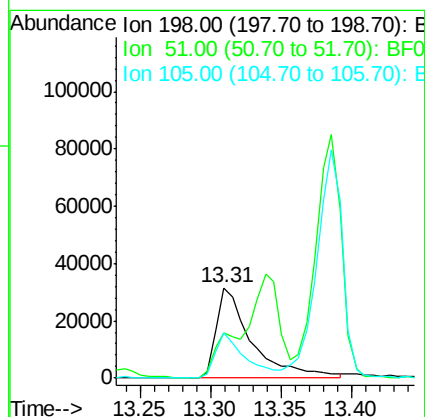
RT: 13.31 min Scan# 1993

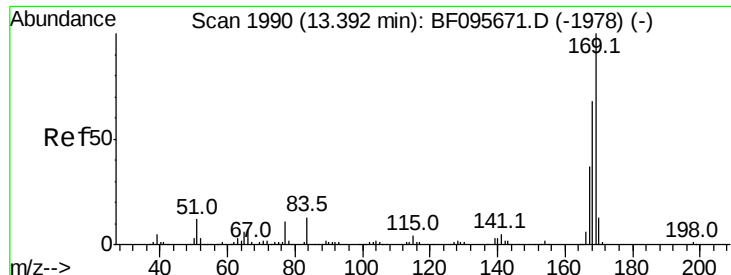
Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:	198	Resp:	55360
Ion Ratio	Lower	Upper	
198	100		
51	49.3	53.2	93.2#
105	50.6	45.8	85.8





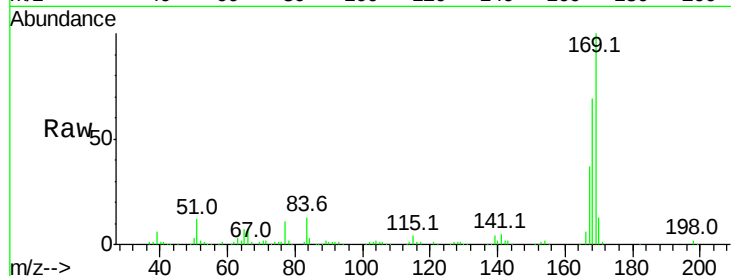
#65
n-Nitrosodiphenylamine
Concen: 45.25 ng
RT: 13.34 min Scan# 1999
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

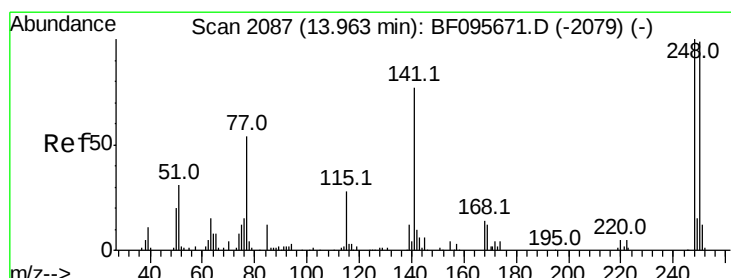
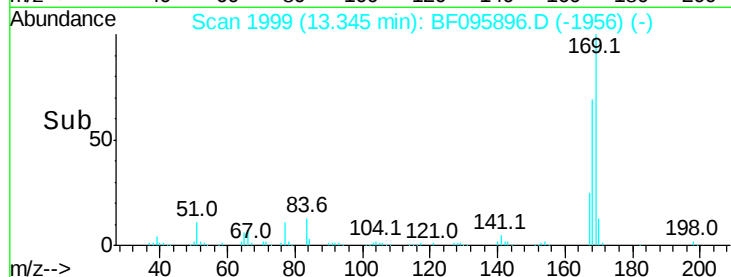
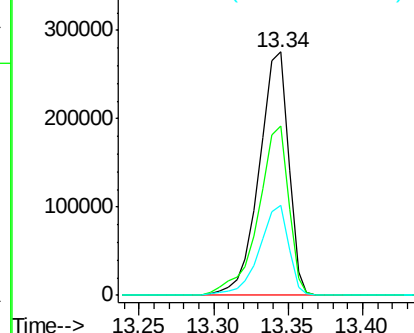
Tot Ion	Ratio	Resp	Lower	Upper
169	100	374766		
168	69.4	53.2	79.8	
167	36.9	29.5	44.3	

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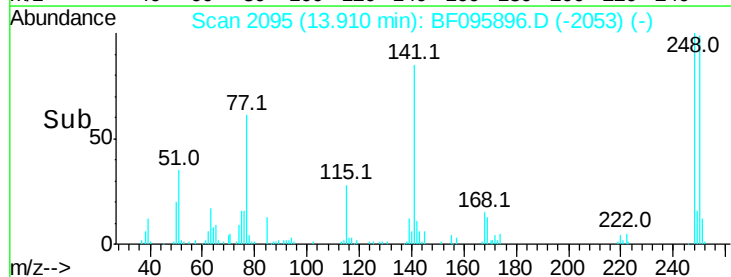
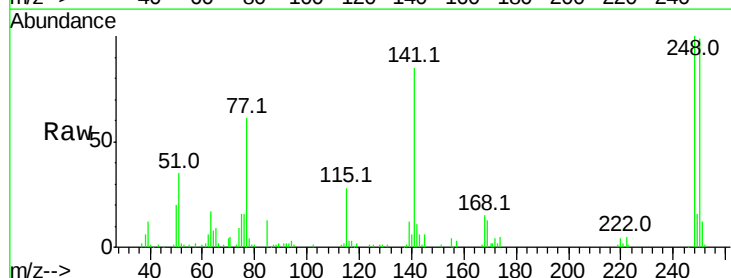
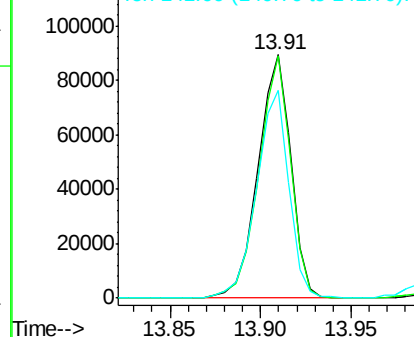
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

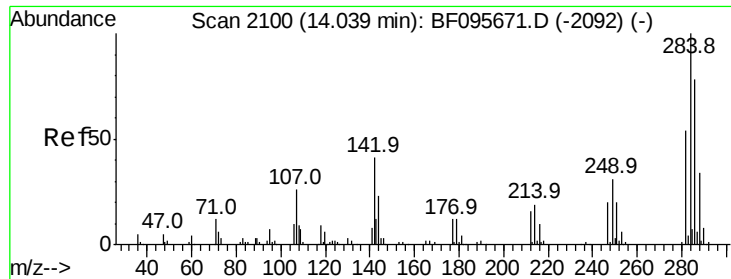


#66
4-Bromophenyl-phenylether
Concen: 46.91 ng
RT: 13.91 min Scan# 2095
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	112365		
250	99.4	76.8	115.2	
141	85.4	68.6	103.0	

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





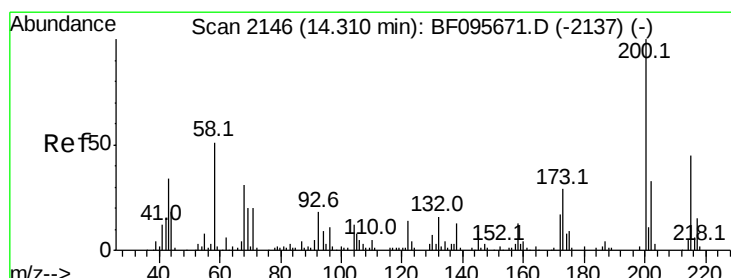
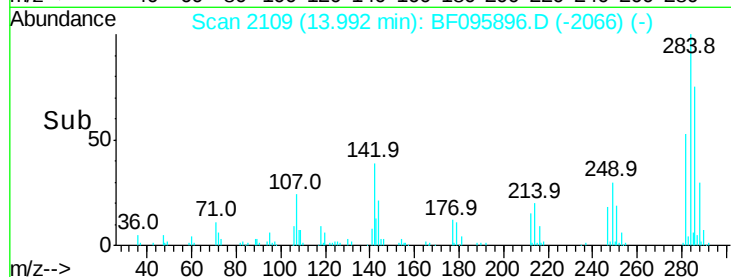
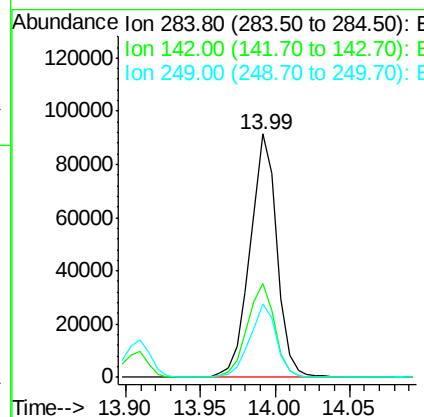
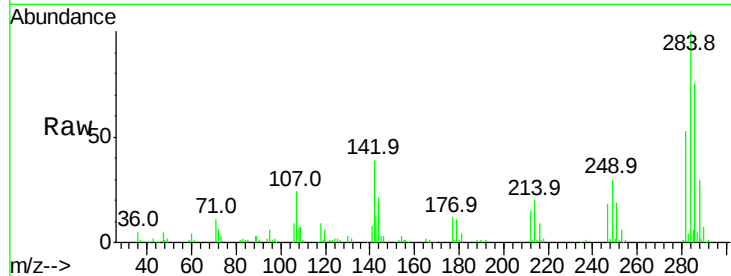
#67
Hexachlorobenzene
Concen: 48.07 ng
RT: 13.99 min Scan# 2109
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	38.7	22.8	34.2	#
249	30.1	24.0	36.0	

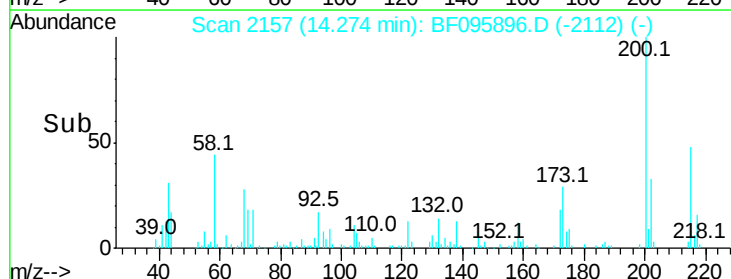
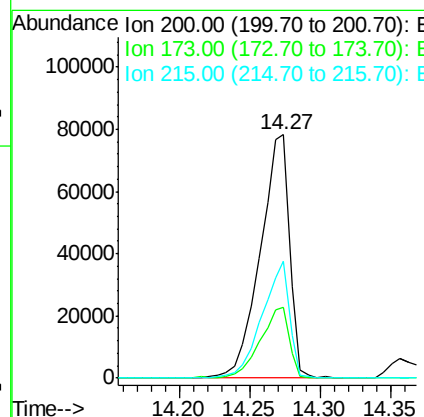
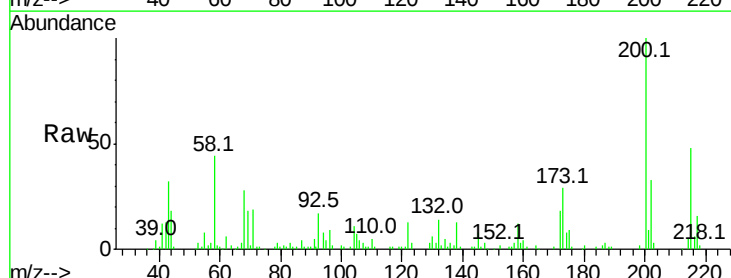
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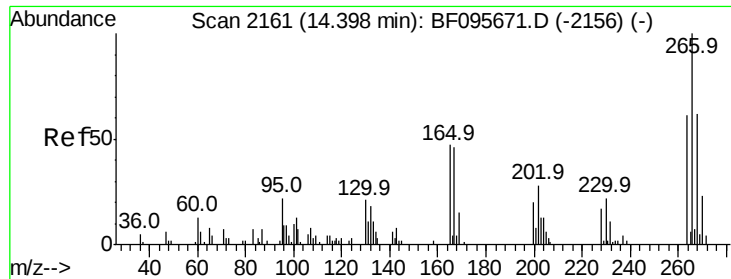
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#68
Atrazine
Concen: 49.68 ng
RT: 14.27 min Scan# 2157
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.3	6.3	46.3	
215	48.1	27.2	67.2	





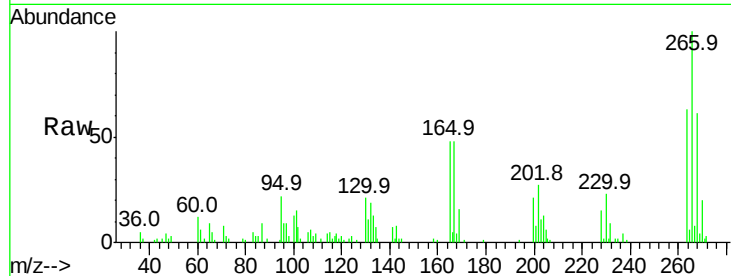
#69
 Pentachlorophenol
 Concen: 71.63 ng
 RT: 14.36 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BS

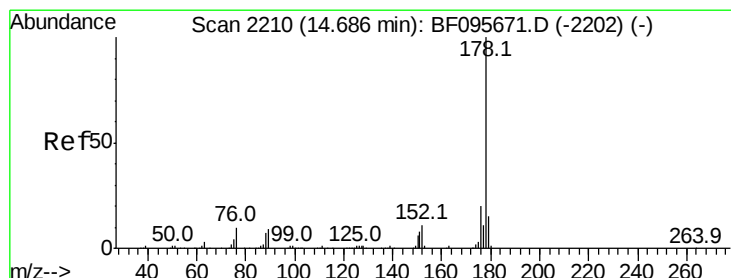
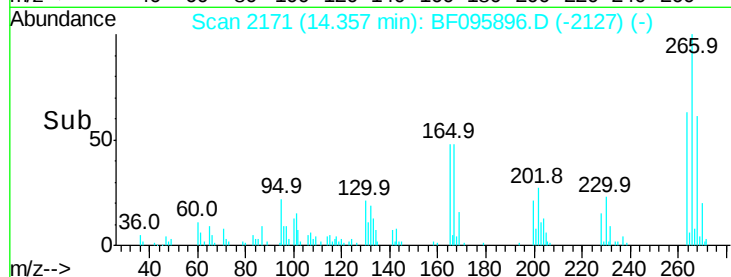
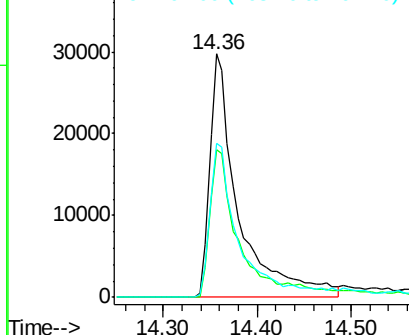
Tot Ion	Ratio	Resp	Lower	Upper
266	100	63433		
268	60.7		51.1	76.7
264	63.1		51.7	77.5

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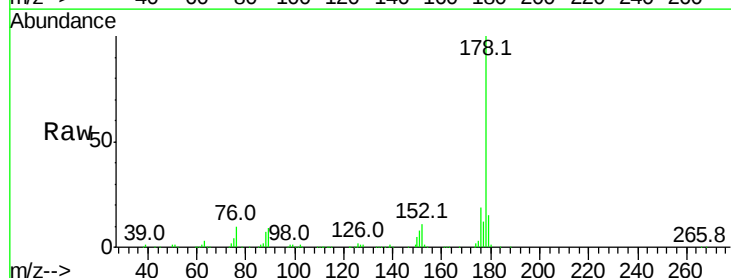


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

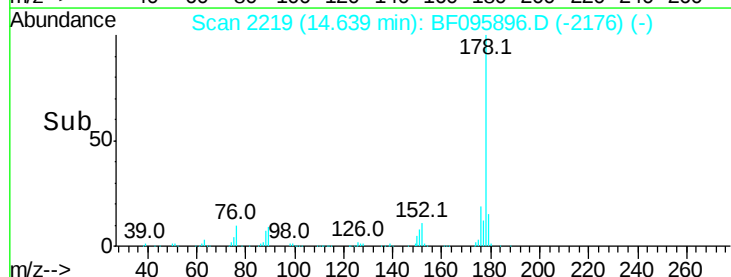
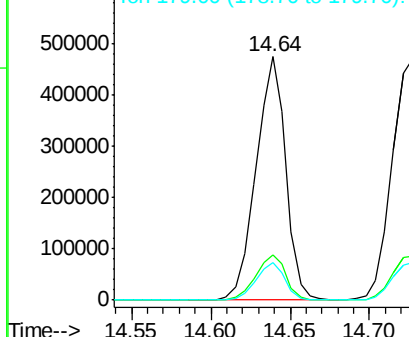


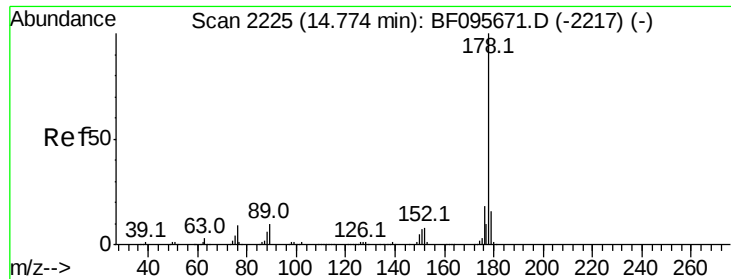
#70
 Phenanthrene
 Concen: 46.55 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	619051		
176	18.8		16.2	24.4
179	15.2		12.6	19.0



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





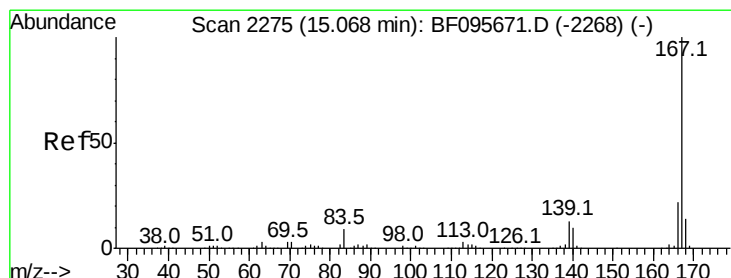
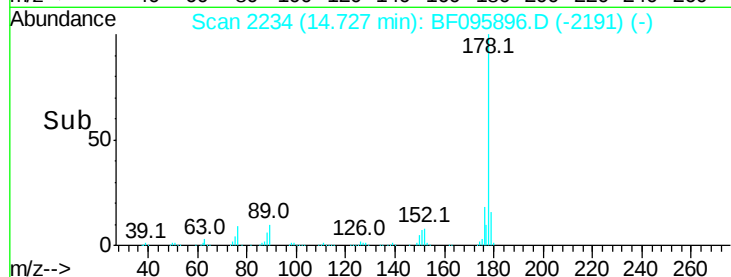
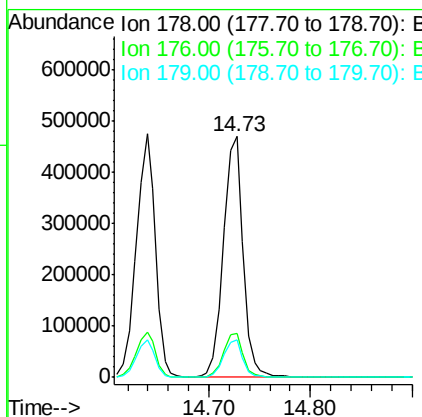
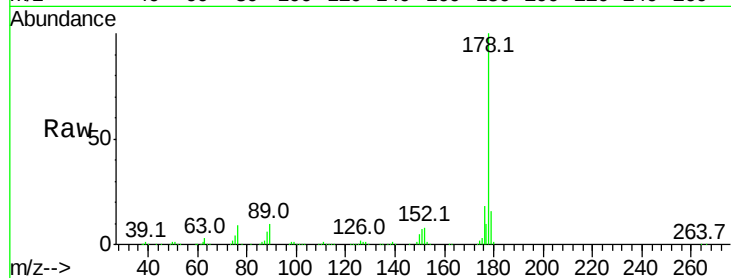
#71
 Anthracene
 Concen: 45.78 ng
 RT: 14.73 min Scan# 2234
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.7	12.7	19.1

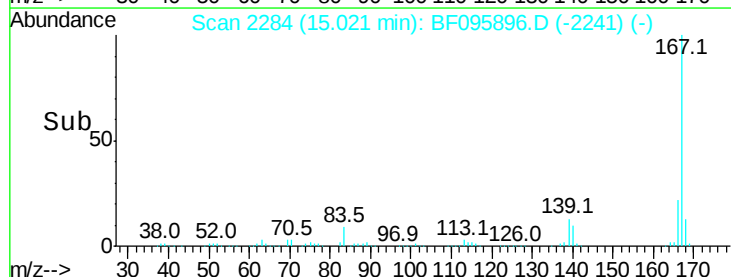
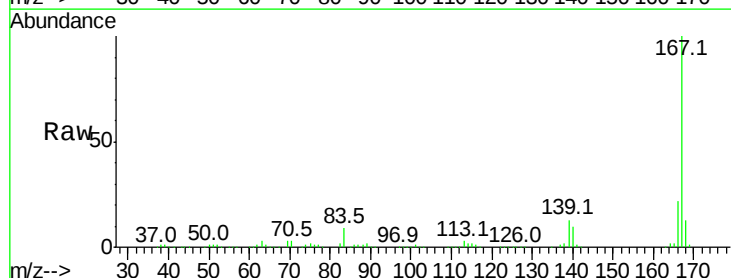
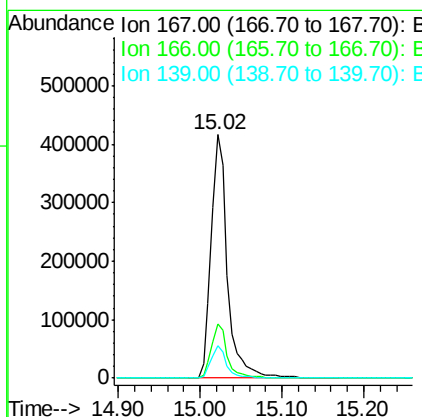
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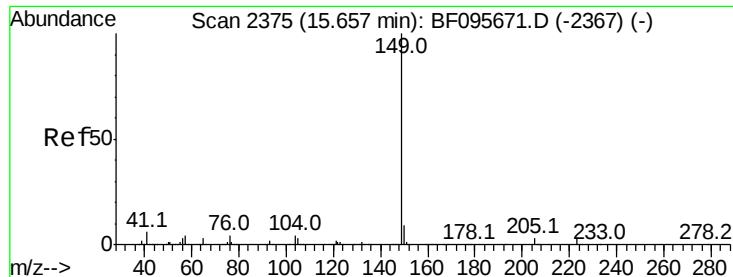
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#72
 Carbazole
 Concen: 42.84 ng
 RT: 15.02 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 49.89 ng

RT: 15.62 min Scan# 2385

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

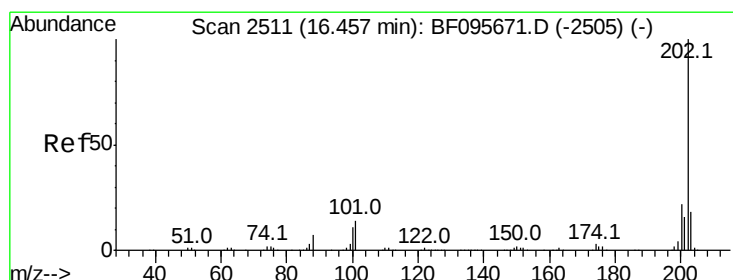
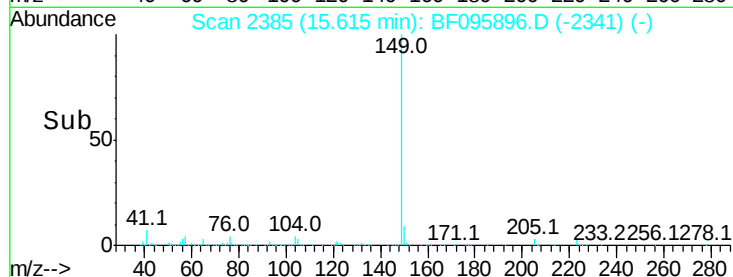
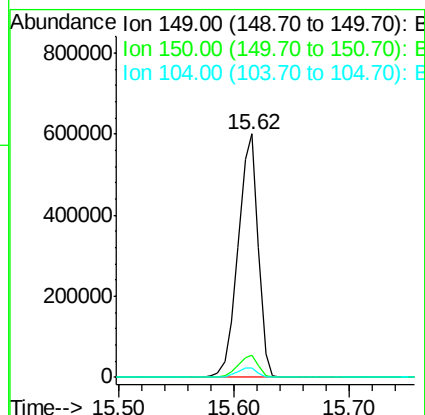
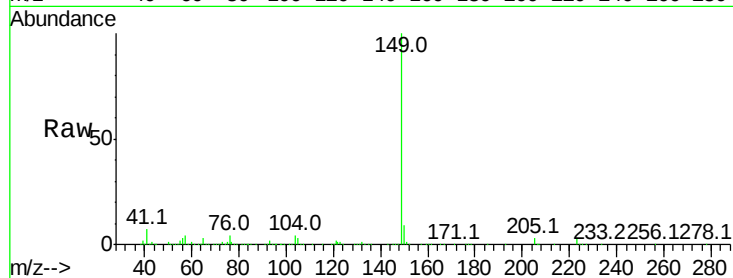
ClientSampleId :

PB99721BS

Tot Ion:	149	Resp:	718065
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0

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#74

Fluoranthene

Concen: 46.01 ng

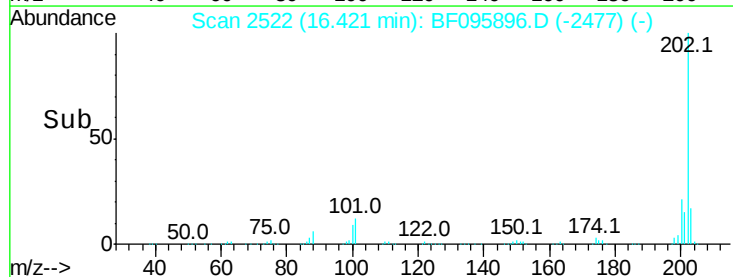
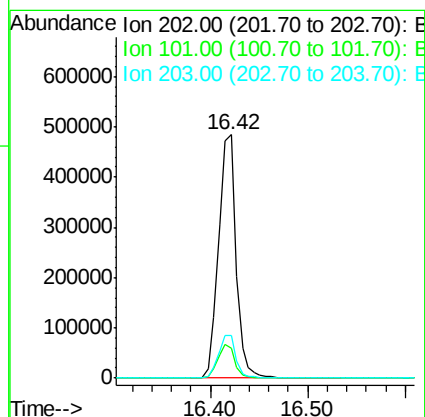
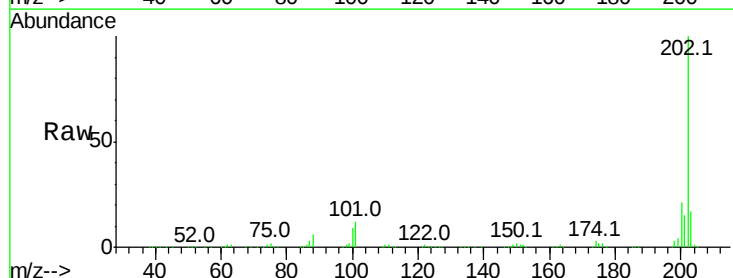
RT: 16.42 min Scan# 2522

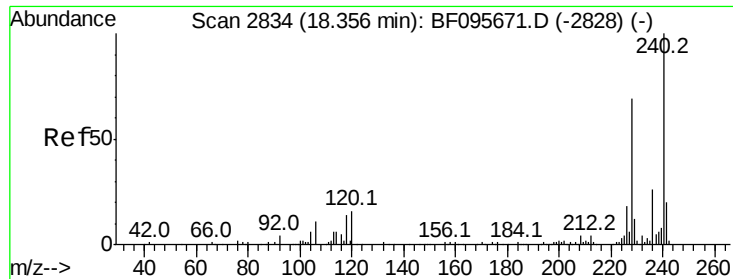
Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:	202	Resp:	605507
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	33.2
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2845

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

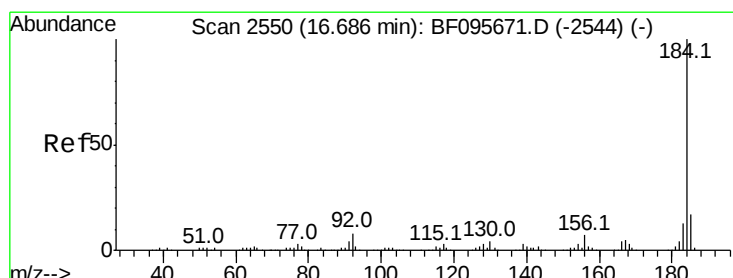
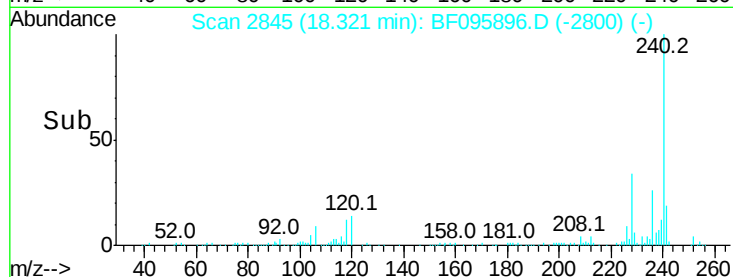
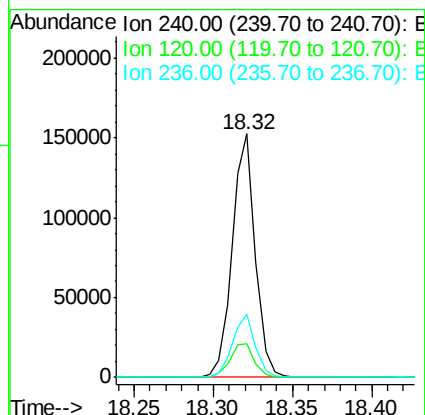
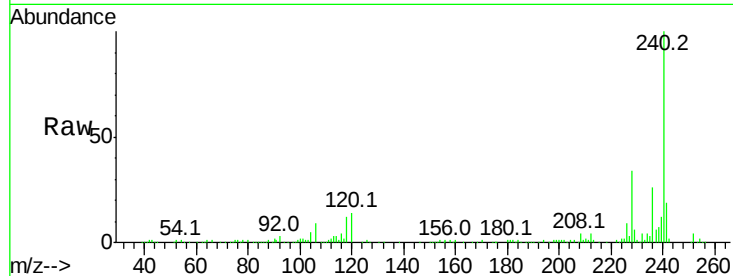
ClientSampleId :

PB99721BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.7	20.5	30.7

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#76

Benzidine

Concen: 29.28 ng

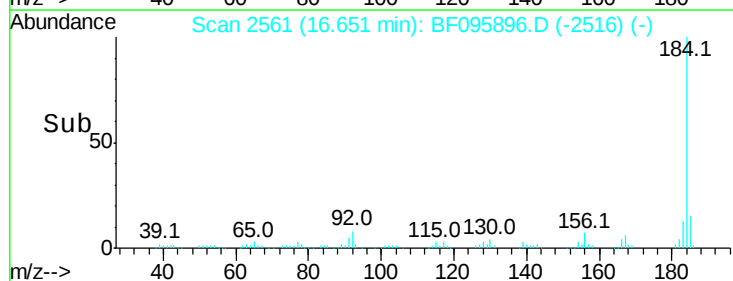
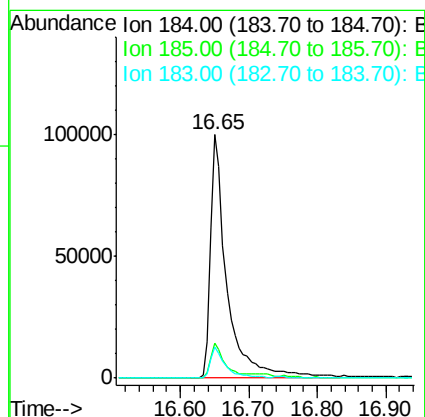
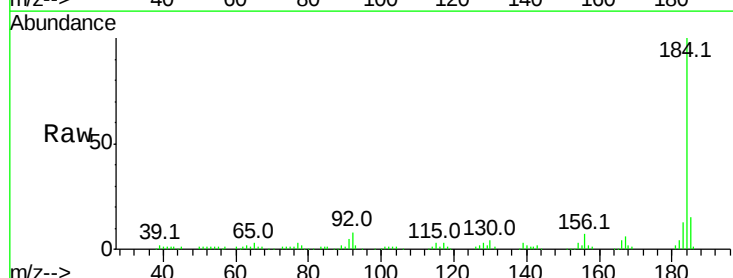
RT: 16.65 min Scan# 2561

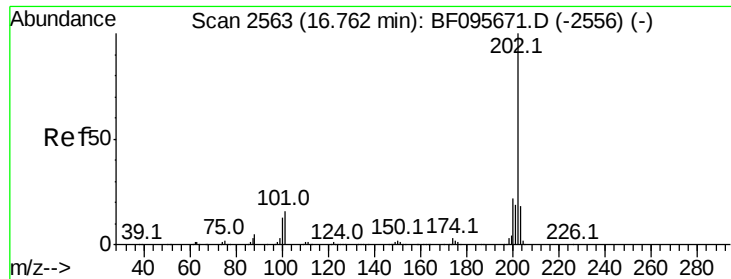
Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	15.5	23.3#
183	12.6	9.8	14.6





#77

Pvrene

Concen: 53.55 ng

RT: 16.72 min Scan# 2573

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

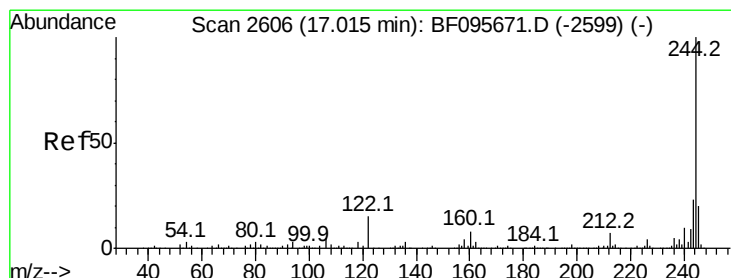
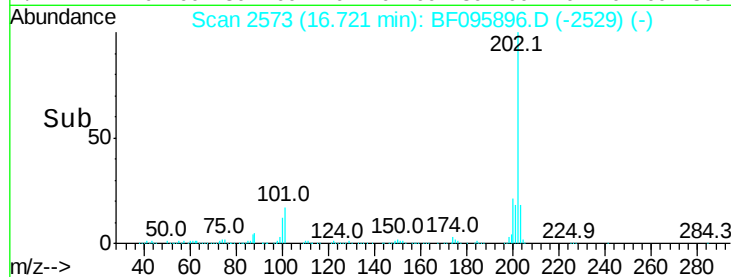
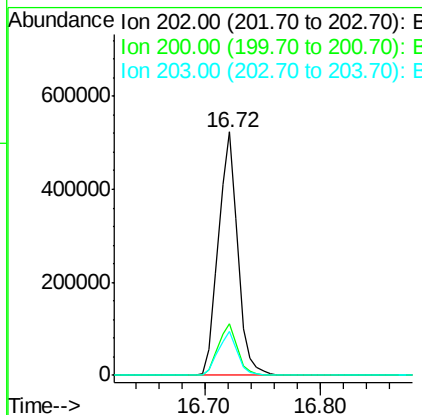
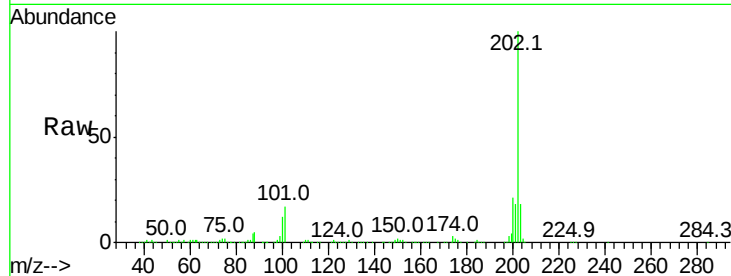
ClientSampleId :

PB99721BS

Tot Ion:	202	Resp:	608654
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.6	26.4
203	18.2	14.4	21.6

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#78

Terphenyl-d14

Concen: 112.71 ng

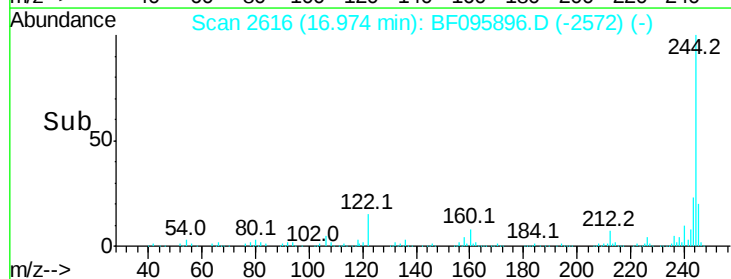
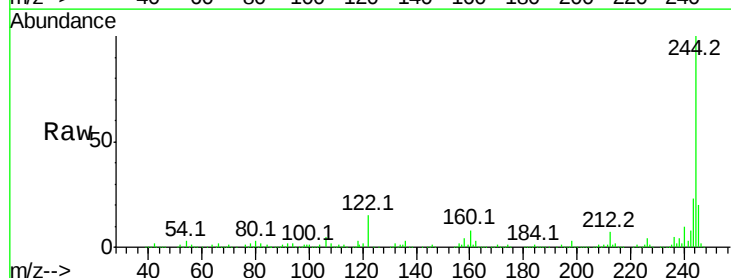
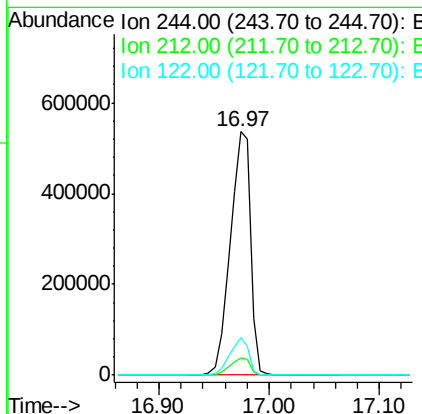
RT: 16.97 min Scan# 2616

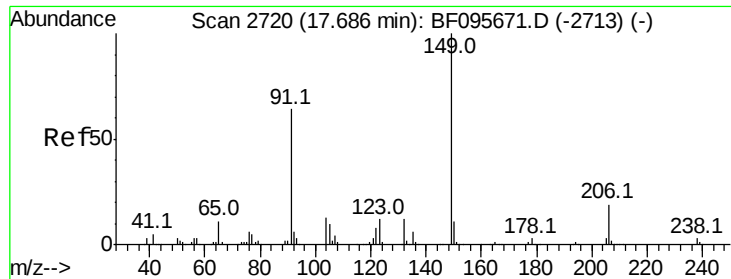
Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:	244	Resp:	691833
Ion Ratio		Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.2	10.3	15.5





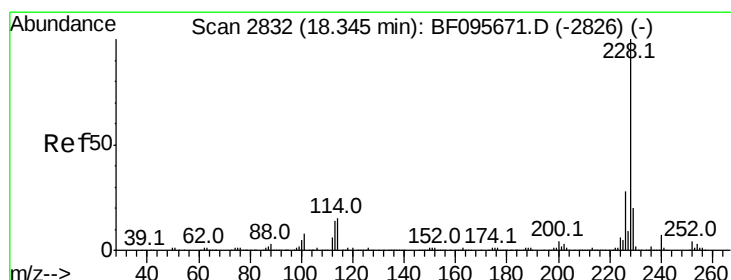
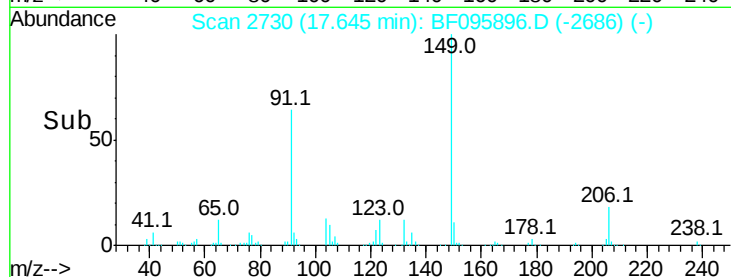
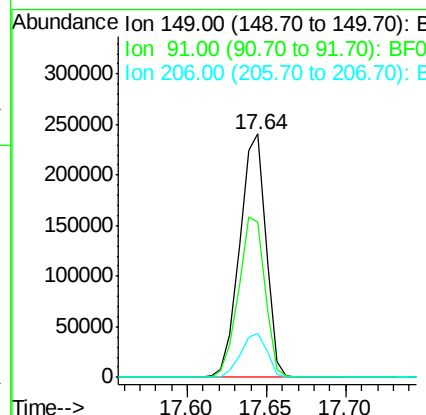
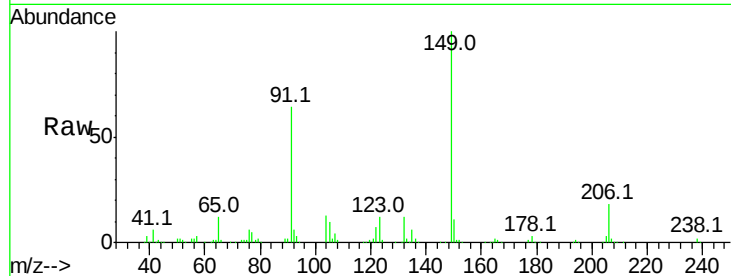
#79
Butylbenzylphthalate
Concen: 55.30 ng
RT: 17.64 min Scan# 2730
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	274514		
91	63.6	45.0	67.4	
206	18.3	17.0	25.6	

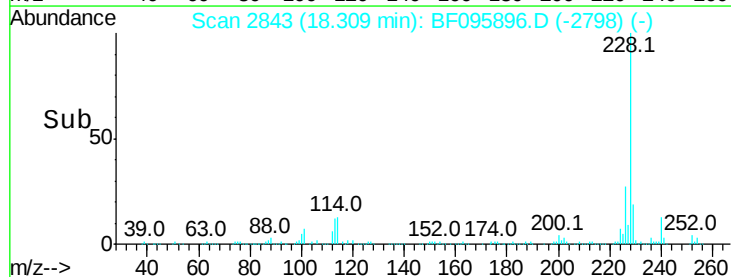
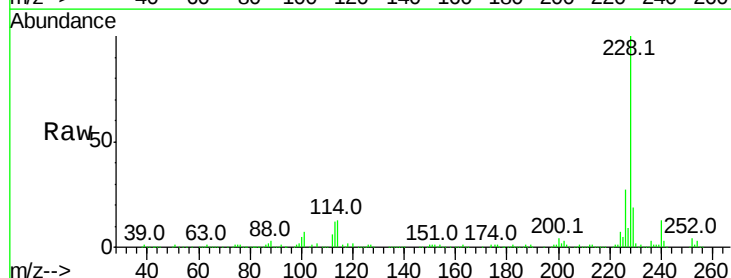
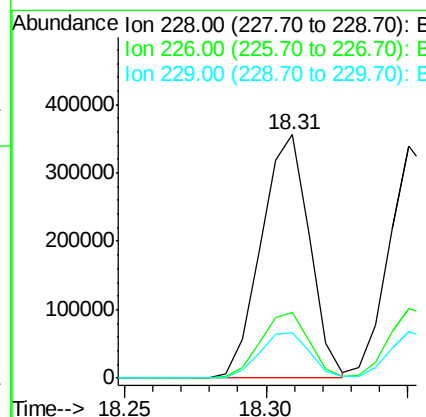
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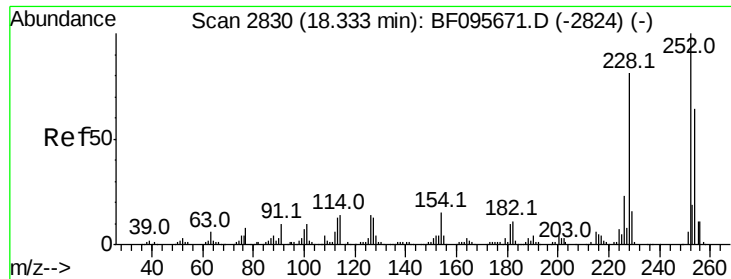
mohammad
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#80
Benzo(a)anthracene
Concen: 47.59 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	421481		
226	27.2	22.6	33.8	
229	18.8	16.3	24.5	





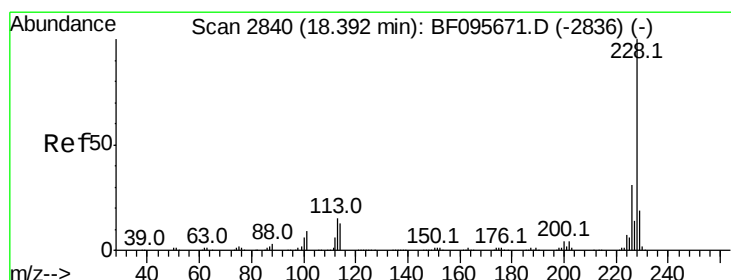
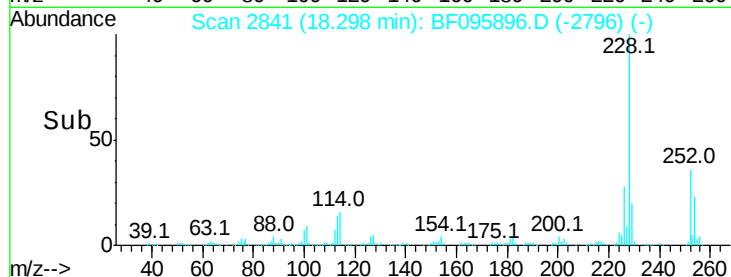
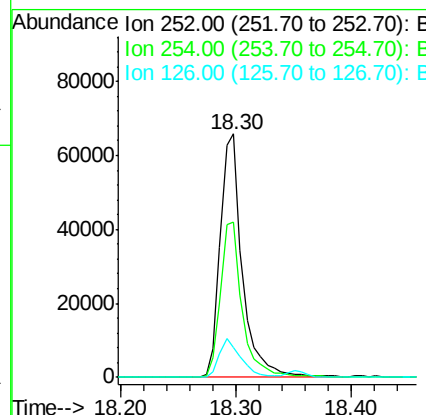
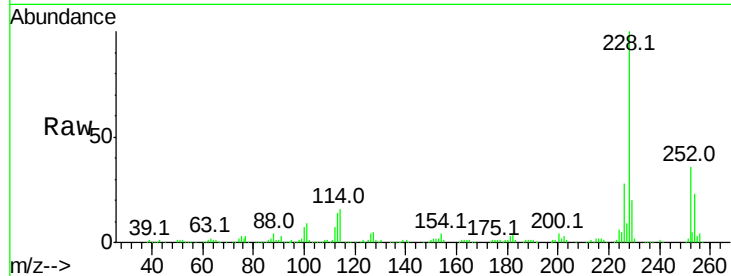
#81
 3,3'-Dichlorobenzidine
 Concen: 27.81 ng
 RT: 18.30 min Scan# 2841
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	12.5	15.8	23.8

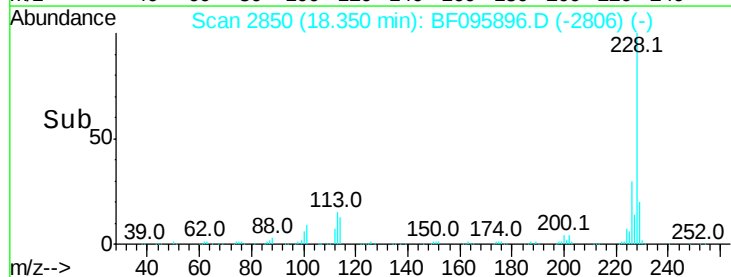
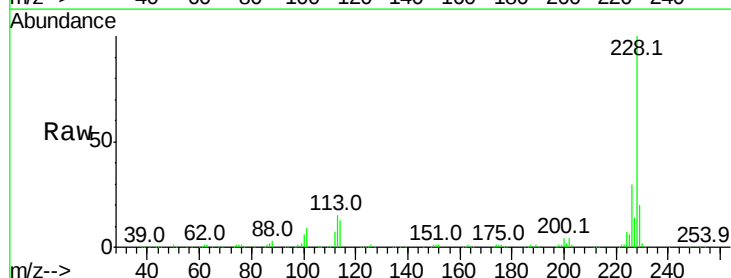
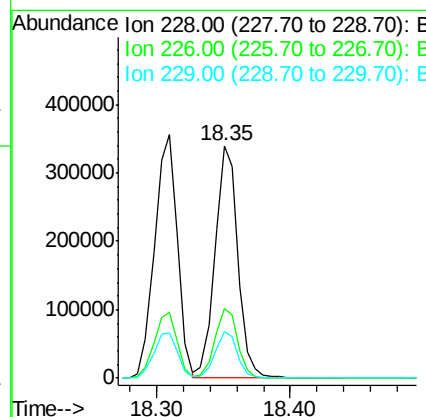
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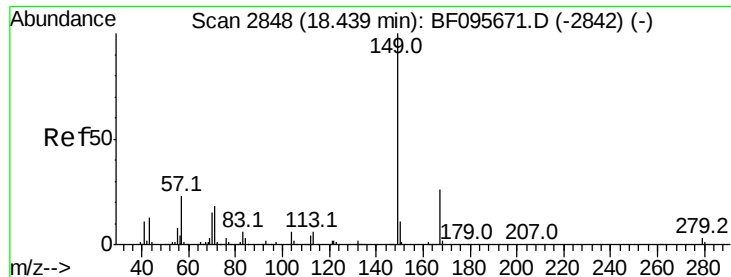
mohammad
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#82
 Chrysene
 Concen: 45.98 ng
 RT: 18.35 min Scan# 2850
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.28 ng

RT: 18.39 min Scan# 2857

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

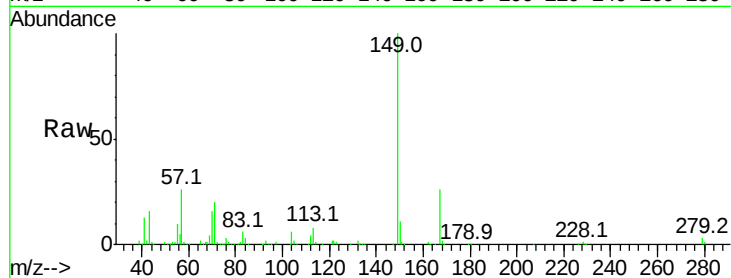
ClientSampleId :

PB99721BS

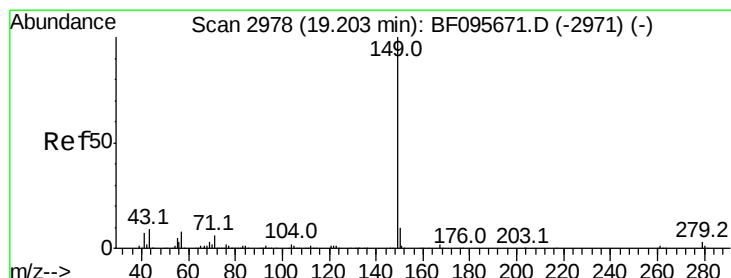
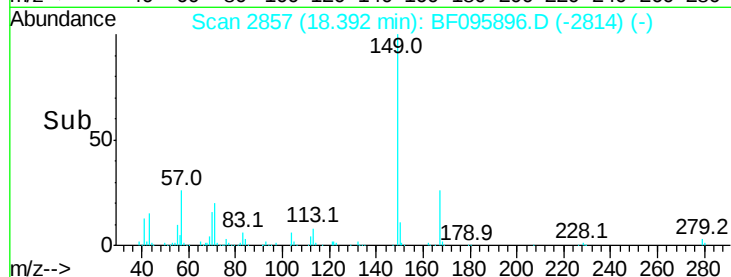
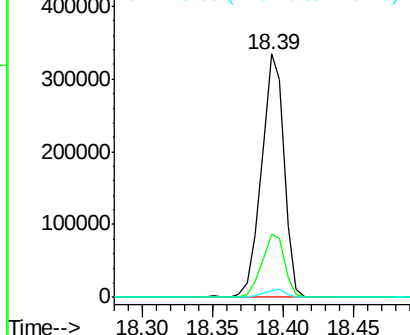
Tot Ion:	149	Resp:	380113
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.0	31.4
279	2.7	1.9	2.9

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.06 ng

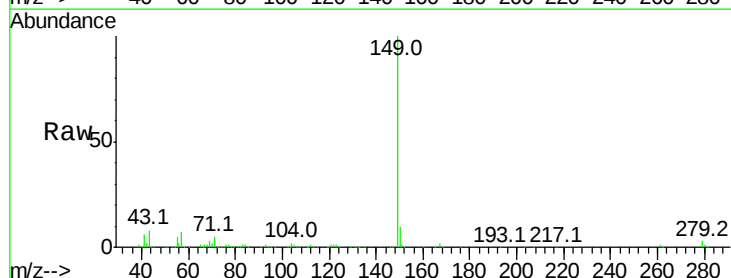
RT: 19.16 min Scan# 2988

Delta R.T. -0.04 min

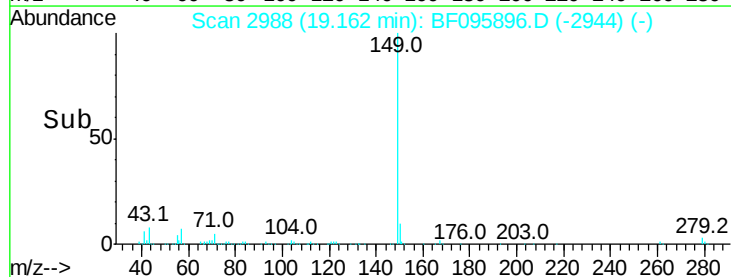
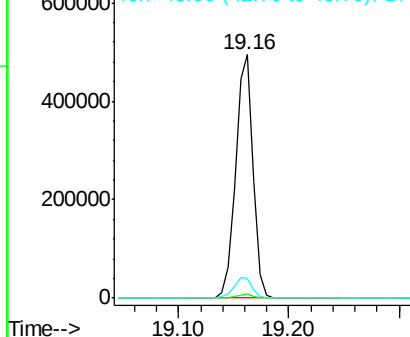
Lab File: BF095896.D

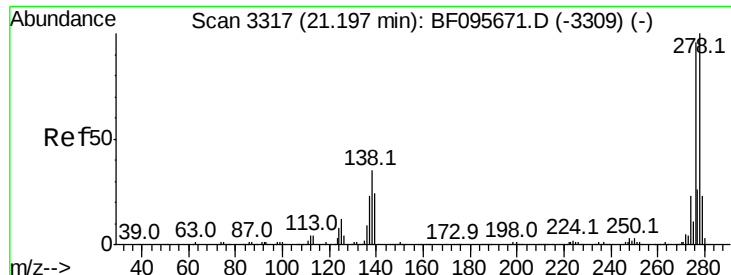
Acq: 13 Jun 2017 16:22

Tgt Ion:	149	Resp:	542991
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.5	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





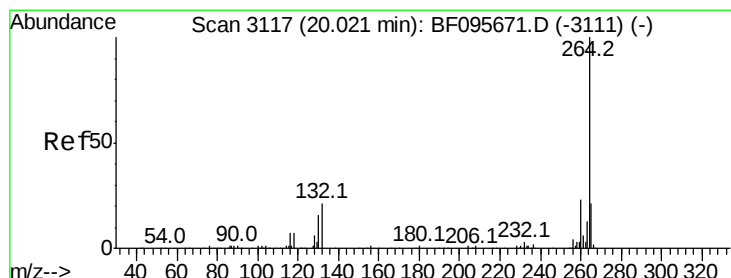
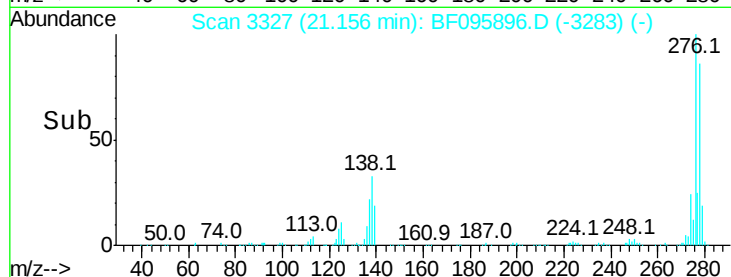
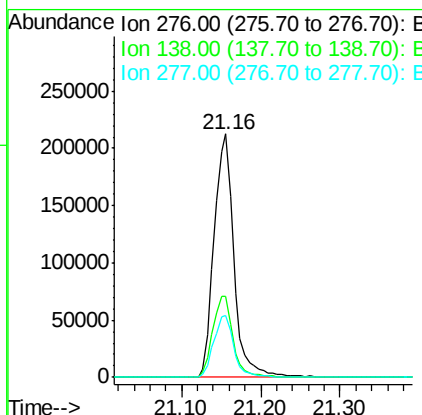
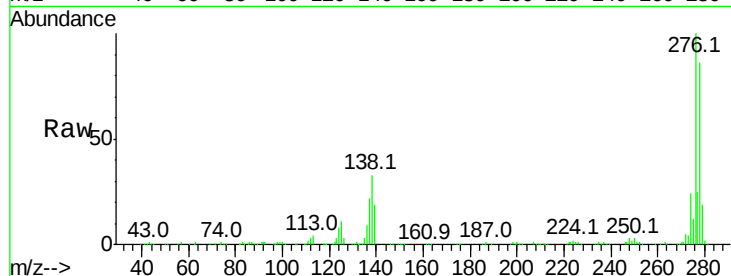
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.81 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.7	20.2	30.4

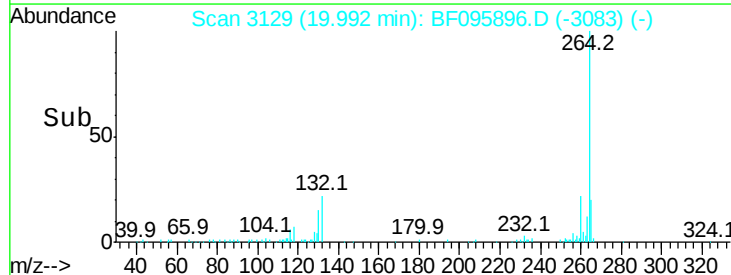
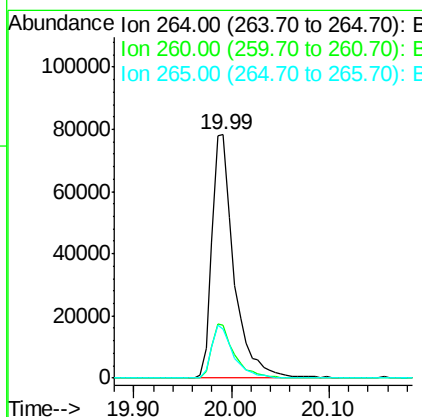
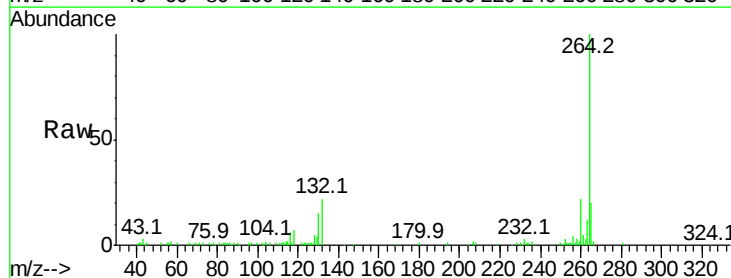
Manual Integrations
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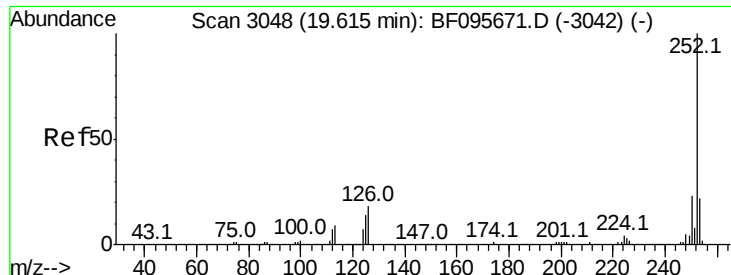
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.5	29.3
265	20.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.07 ng

RT: 19.58 min Scan# 3059

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

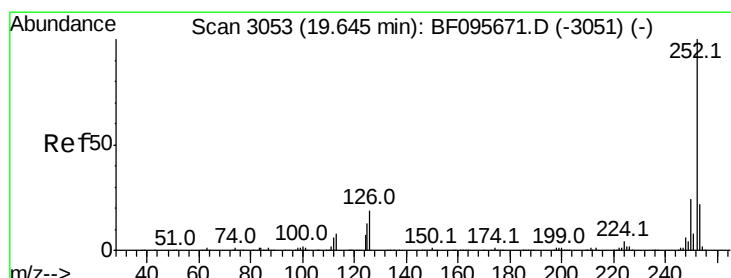
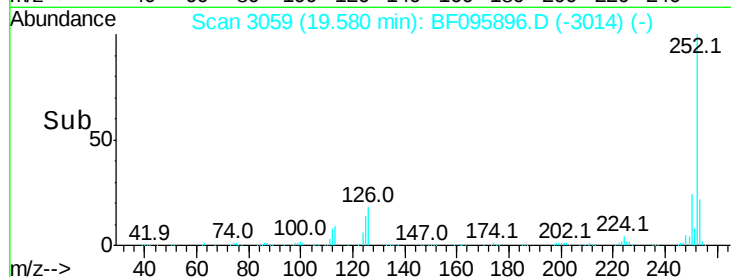
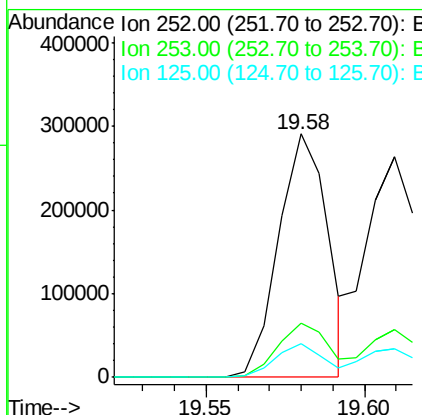
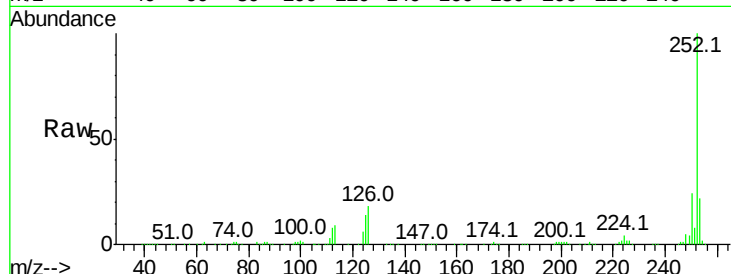
ClientSampleId :

PB99721BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.7	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.47 ng m

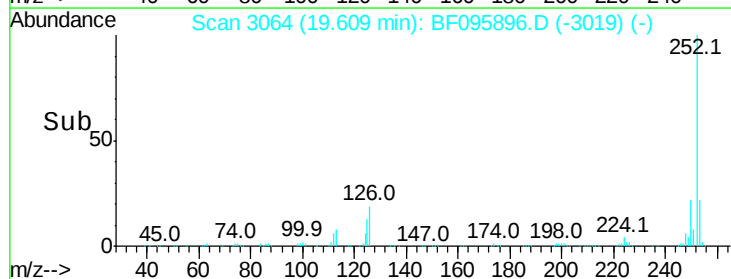
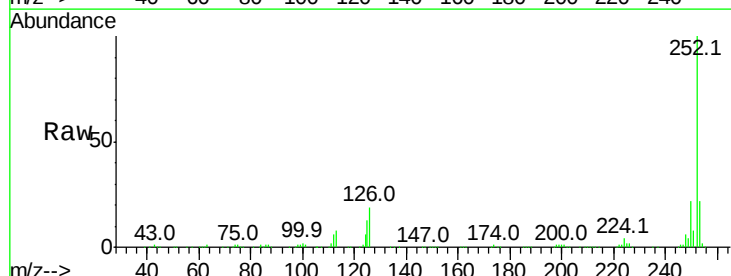
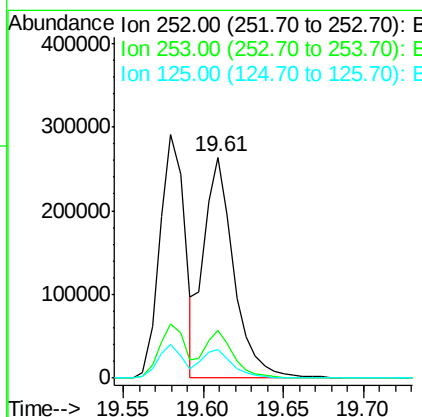
RT: 19.61 min Scan# 3064

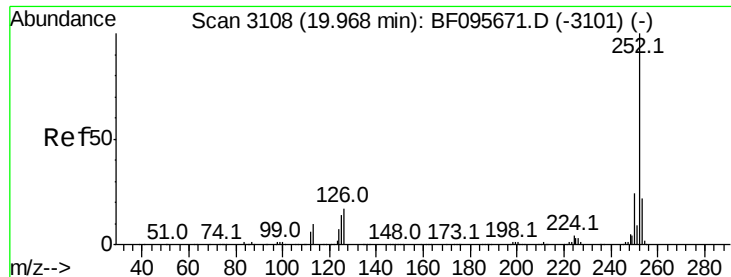
Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	12.8	13.1	19.7#





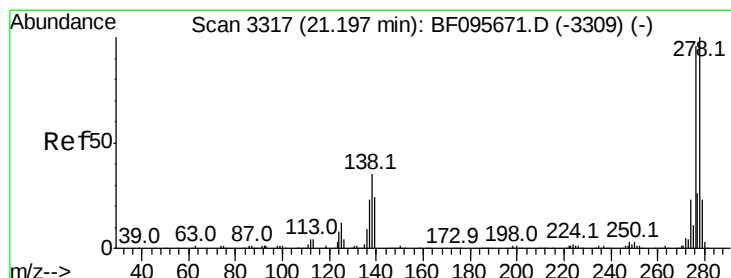
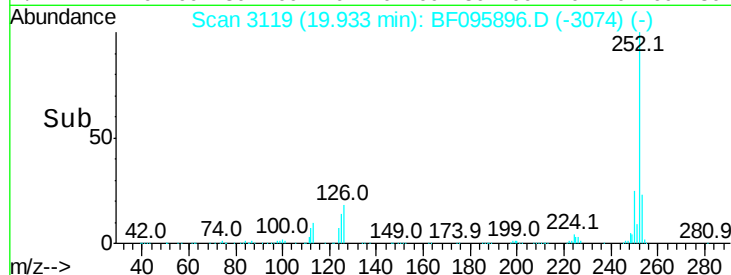
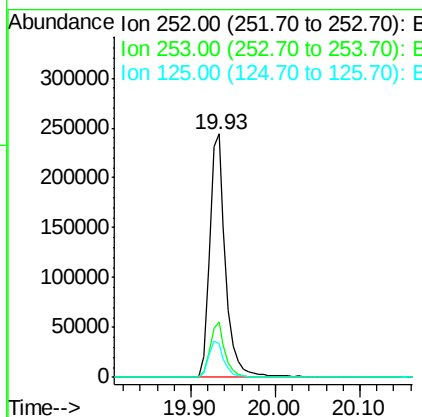
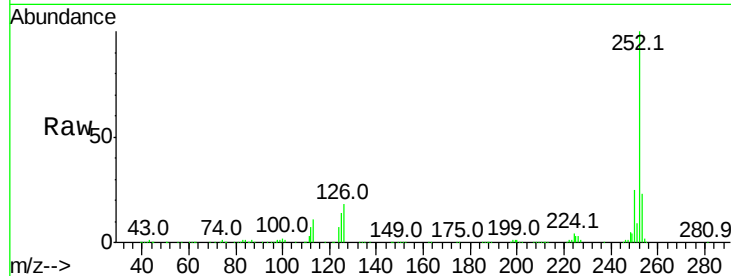
#89
Benzo(a)pyrene
Concen: 45.78 ng
RT: 19.93 min Scan# 3119
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :
PB99721BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	13.9	11.0	16.4

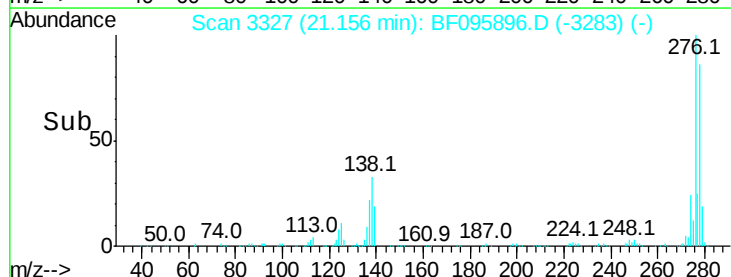
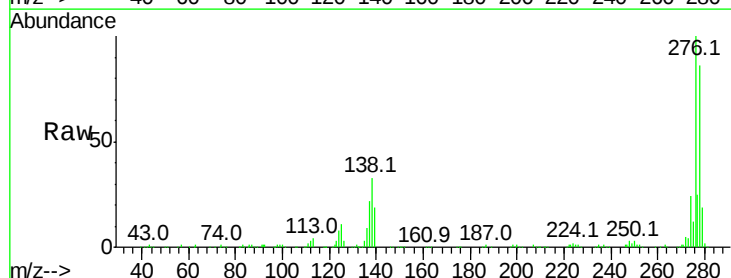
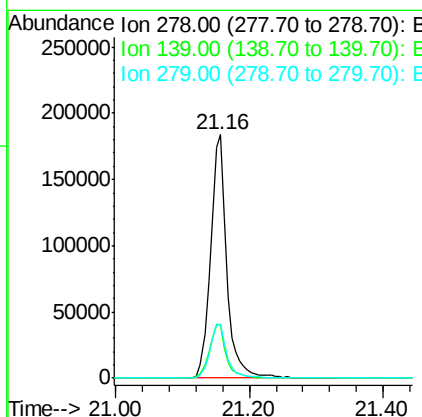
Manual Integrations
APPROVED

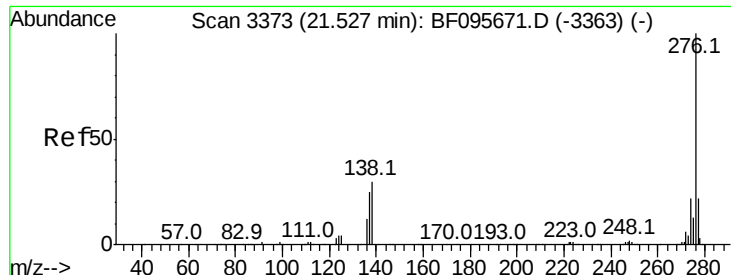
mohammad
6/14/2017 4:24:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.32 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	22.2	19.3	28.9





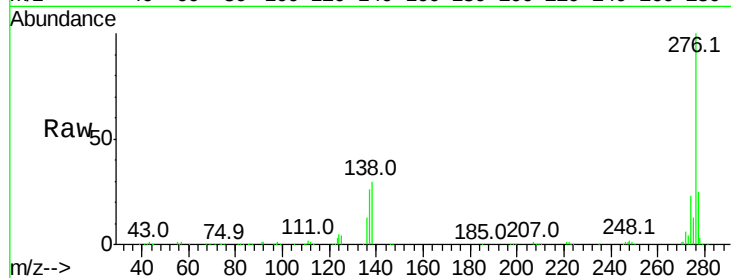
#91
 Benzo(a,h,i)perylene
 Concen: 53.27 ng
 RT: 21.48 min Scan# 3382
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB99721BS

Tot Ion:	276	Resp:	325177
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.6	28.0
138	29.7	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/14/2017 4:24:35 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

