

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095954.D
 Acq On : 16 Jun 2017 14:24
 Operator : SJ/MA
 Sample : PB99843BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

Manual Integrations
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mohammad
 6/19/2017 3:46:50 PM

Quant Time: Jun 16 23:38:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	65616	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	273432	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	121426	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	202512	20.00	ng	0.00
75) Chrysene-d12	18.29	240	141712	20.00	ng	0.00
86) Perylene-d12	19.96	264	130081	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	537027	130.41	ng	0.01
7) Phenol-d6	6.91	99	621836	126.14	ng	0.00
23) Nitrobenzene-d5	8.25	82	368753	83.75	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	127300	118.49	ng	0.00
44) 2-Fluorobiphenyl	11.14	172	722975	82.85	ng	0.00
78) Terphenyl-d14	16.94	244	503018	88.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.71	88	66021	33.70	ng	96
3) Pyridine	2.25	79	163879	35.59	ng	95
4) n-Nitrosodimethylamine	2.22	42	73928	42.24	ng	88
6) Aniline	6.82	93	148711	23.06	ng	96
8) 2-Chlorophenol	7.02	128	192339	43.93	ng	95
9) Benzaldehyde	6.63	77	71155	21.40	ng	93
10) Phenol	6.92	94	234728	45.90	ng	91
11) bis(2-Chloroethyl)ether	6.97	93	162760	40.18	ng	95
12) 1,3-Dichlorobenzene	7.22	146	197702	39.89	ng	99
13) 1,4-Dichlorobenzene	7.35	146	205952	40.98	ng	94
14) 1,2-Dichlorobenzene	7.58	146	194446	41.97	ng	96
15) Benzyl Alcohol	7.63	79	150943	44.61	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.82	45	237780	41.78	ng	97
17) 2-Methylphenol	7.87	107	158606	43.17	ng	94
18) Hexachloroethane	8.10	117	68480	41.26	ng	89
19) n-Nitroso-di-n-propylamine	8.06	70	130601	41.80	ng	93
20) 3+4-Methylphenols	8.14	107	205189	43.99	ng	# 59
22) Acetophenone	8.02	105	263728	41.21	ng	# 82
24) Nitrobenzene	8.27	77	188248	40.03	ng	92
25) Isophorone	8.67	82	328345	39.94	ng	95
26) 2-Nitrophenol	8.79	139	101604	41.26	ng	99
27) 2,4-Dimethylphenol	8.95	122	165382	43.27	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	218600	40.34	ng	98
29) 2,4-Dichlorophenol	9.22	162	158900	43.17	ng	98
30) 1,2,4-Trichlorobenzene	9.29	180	155456	40.59	ng	97
31) Naphthalene	9.39	128	548485	39.97	ng	99
32) Benzoic acid	9.31	122	78869	34.62	ng	85
33) 4-Chloroaniline	9.55	127	97681	18.21	ng	# 92
34) Hexachlorobutadiene	9.61	225	79899	40.37	ng	99
35) Caprolactam	10.17	113	49957m	45.61	ng	
36) 4-Chloro-3-methylphenol	10.43	107	164777	42.76	ng	89
37) 2-Methylnaphthalene	10.52	142	375751	40.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	147863	40.69	ng	98
40) Hexachlorocyclopentadiene	10.77	237	32311	35.62	ng	96

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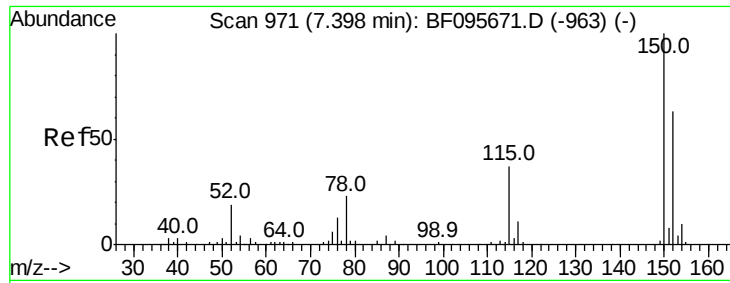
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	100720	43.11	nq	98
43) 2,4,5-Trichlorophenol	11.13	196	96120	38.68	nq	94
45) 1,1'-Biphenyl	11.29	154	416070	41.57	nq	98
46) 2-Chloronaphthalene	11.30	162	324007	41.44	nq	95
47) 2-Nitroaniline	11.52	65	94260	41.19	nq	# 85
48) Acenaphthylene	11.95	152	504627	37.74	nq	98
49) Dimethylphthalate	11.84	163	381687	41.40	nq	99
50) 2,6-Dinitrotoluene	11.94	165	82189	40.87	nq	# 78
51) Acenaphthene	12.23	154	300344	38.89	nq	99
52) 3-Nitroaniline	12.20	138	57388	24.49	nq	91
53) 2,4-Dinitrophenol	12.44	184	48439	45.57	nq	# 63
54) Dibenzofuran	12.52	168	462323	42.54	nq	99
55) 4-Nitrophenol	12.63	139	94850	69.95	nq	# 74
56) 2,4-Dinitrotoluene	12.61	165	116100	42.74	nq	94
57) Fluorene	13.07	166	363966	38.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	72492	42.63	nq	# 92
59) Diethylphthalate	12.99	149	366533	41.31	nq	99
60) 4-Chlorophenyl-phenylether	13.10	204	165222	40.17	nq	89
61) 4-Nitroaniline	13.21	138	78523	35.90	nq	95
62) Azobenzene	13.36	77	337168	41.93	nq	94
64) 4,6-Dinitro-2-methylphenol	13.29	198	39094	29.37	nq	# 70
65) n-Nitrosodiphenylamine	13.31	169	315188	43.31	nq	98
66) 4-Bromophenyl-phenylether	13.88	248	91443	43.45	nq	96
67) Hexachlorobenzene	13.96	284	86222	41.57	nq	# 89
68) Atrazine	14.24	200	94106	46.47	nq	96
69) Pentachlorophenol	14.33	266	44979	59.08	nq	96
70) Phenanthrene	14.61	178	475913	40.73	nq	99
71) Anthracene	14.69	178	491226	40.27	nq	98
72) Carbazole	14.99	167	435128	36.60	nq	97
73) Di-n-butylphthalate	15.59	149	571919	45.22	nq	98
74) Fluoranthene	16.39	202	425406	36.78	nq	99
76) Benzidine	16.62	184	156970	28.84	nq	# 94
77) Pyrene	16.69	202	429673	40.64	nq	99
79) Butylbenzylphthalate	17.62	149	197946	42.86	nq	90
80) Benzo(a)anthracene	18.28	228	338102	41.04	nq	98
81) 3,3'-Dichlorobenzidine	18.27	252	100558	34.33	nq	# 96
82) Chrysene	18.33	228	326054	39.60	nq	99
83) Bis(2-ethylhexyl)phthalate	18.37	149	263857	40.51	nq	# 98
84) Di-n-octyl phthalate	19.13	149	444518	41.41	nq	97
85) Indeno(1,2,3-cd)pyrene	21.12	276	306088	43.45	nq	99
87) Benzo(b)fluoranthene	19.56	252	325299	39.94	nq	98
88) Benzo(k)fluoranthene	19.59	252	326967	42.00	nq	# 96
89) Benzo(a)pyrene	19.90	252	321281	42.91	nq	98
90) Dibenzo(a,h)anthracene	21.12	278	262203	41.29	nq	97
91) Benzo(g,h,i)perylene	21.44	276	251795	38.89	nq	97

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



#1

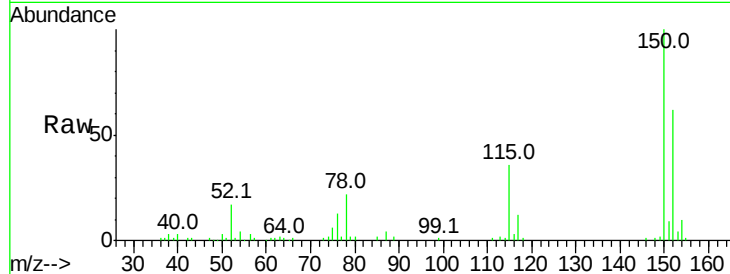
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.2	189.2
115	57.3	52.2	78.2

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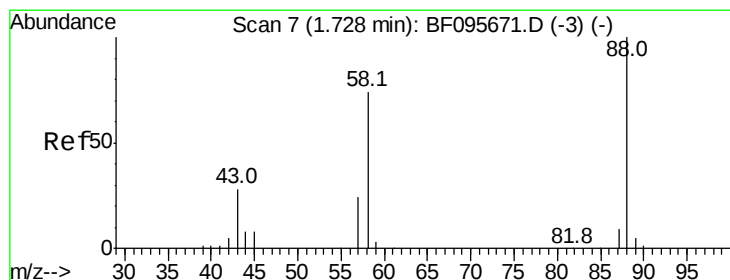
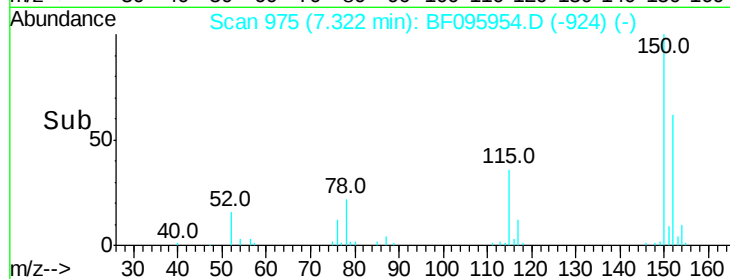
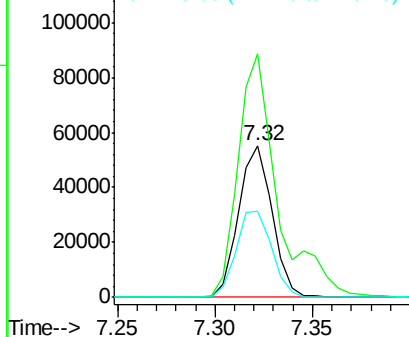


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

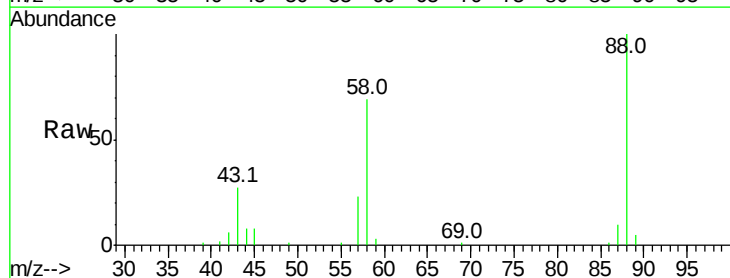
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.70 ng
RT: 1.71 min Scan# 21
Delta R.T. 0.08 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	61.4	92.0
43	28.6	23.4	35.0

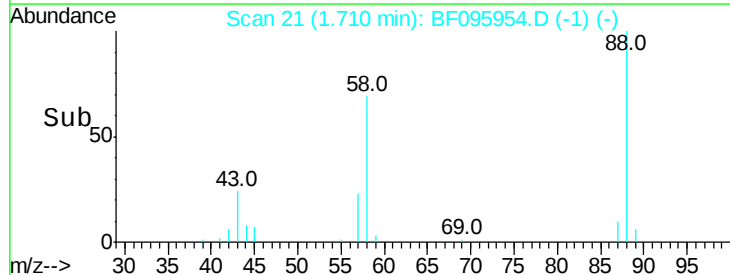
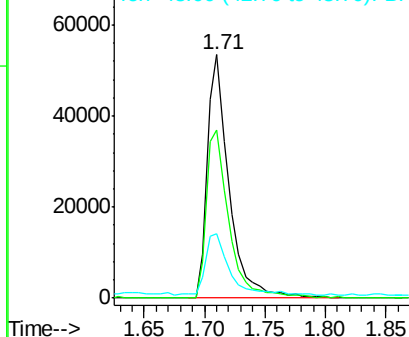


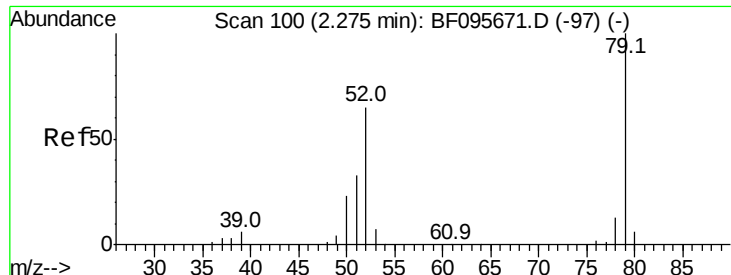
Abundance

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





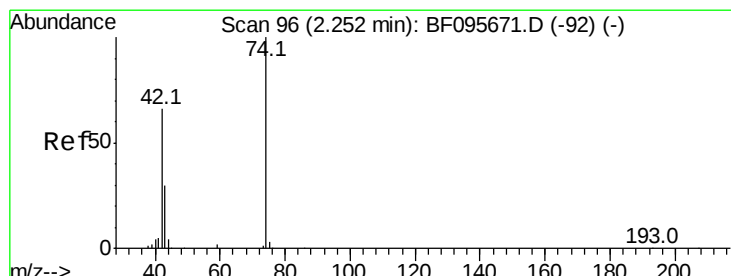
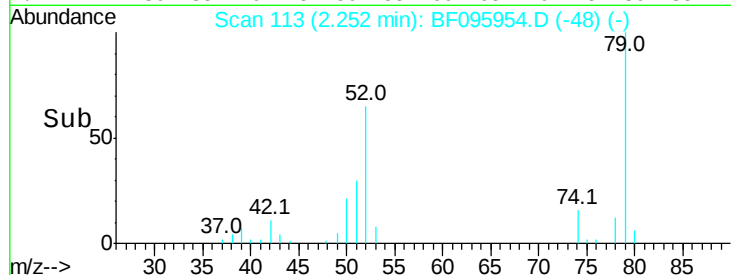
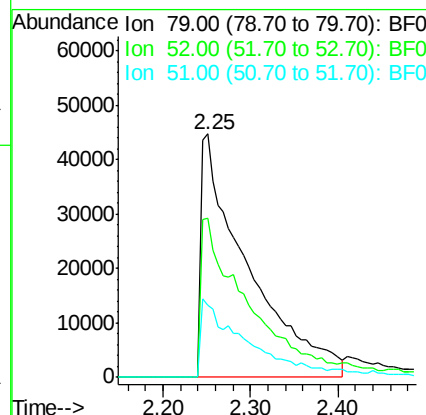
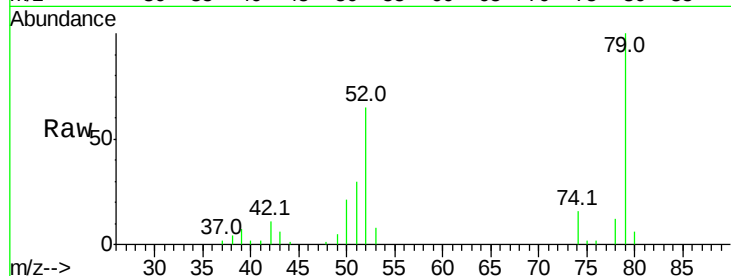
#3
 Pvridine
 Concen: 35.59 ng
 RT: 2.25 min Scan# 113
 Delta R.T. 0.08 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.5	54.8	82.2
51	29.5	27.0	40.4

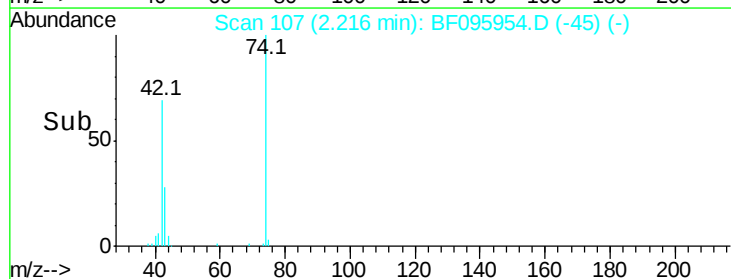
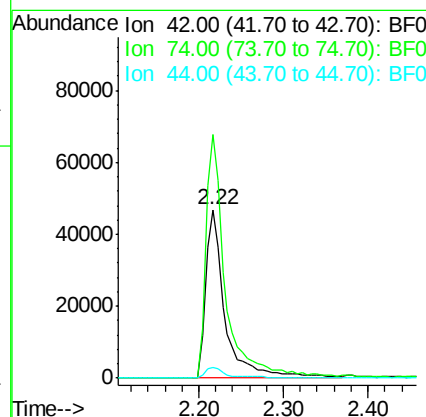
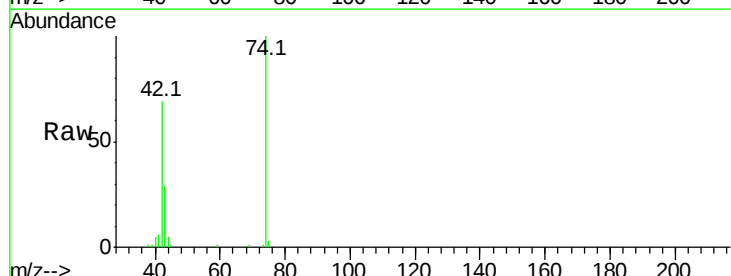
Manual Integrations
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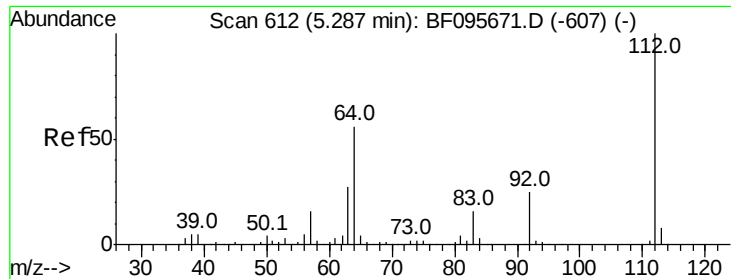
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#4
 n-Nitrosodimethylamine
 Concen: 42.24 ng
 RT: 2.22 min Scan# 107
 Delta R.T. 0.06 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.5	103.9	155.9
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 130.41 ng

RT: 5.23 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

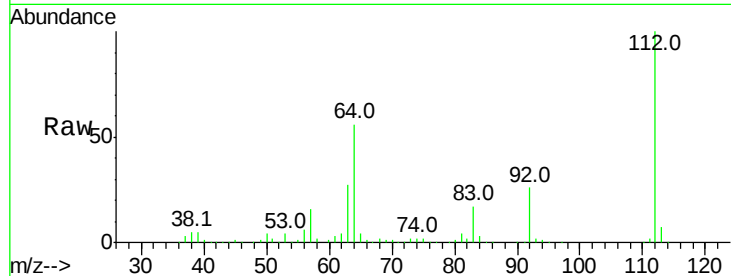
ClientSampleId :

PB99843BS

Tot Ion:	112	Resp:	537027
Ion Ratio	Lower	Upper	
112	100		
64	55.8	46.0	69.0
63	27.1	23.4	35.0

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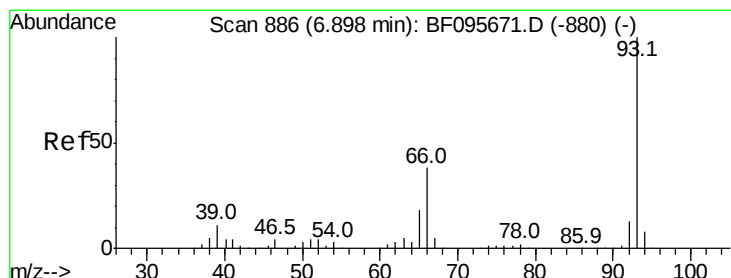
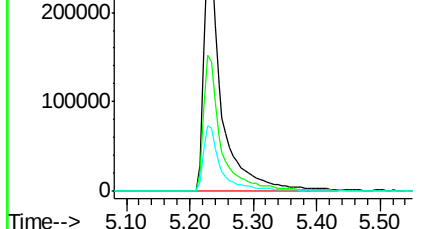
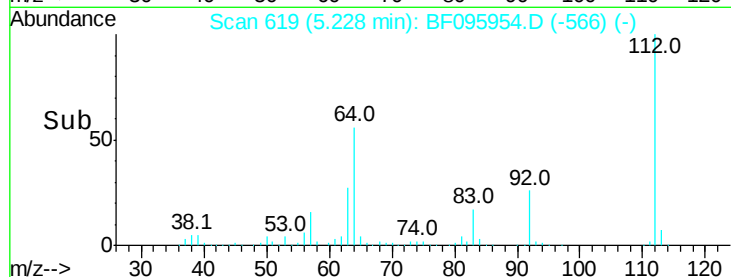
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.06 ng

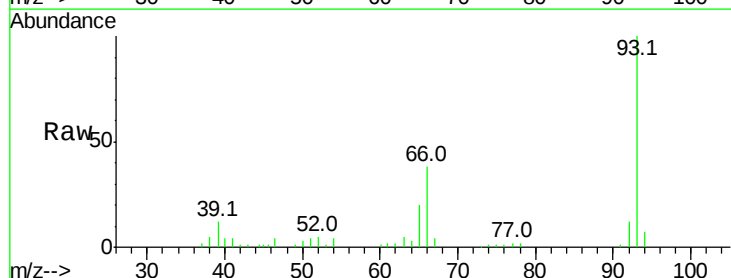
RT: 6.82 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

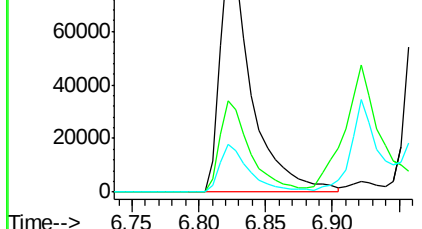
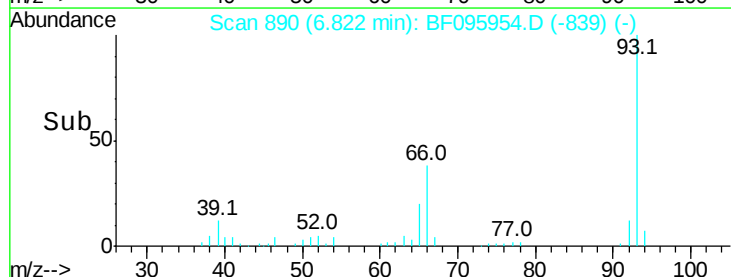
Tgt Ion:	93	Resp:	148711
Ion Ratio	Lower	Upper	
93	100		
66	37.6	32.9	49.3
65	19.7	16.0	24.0

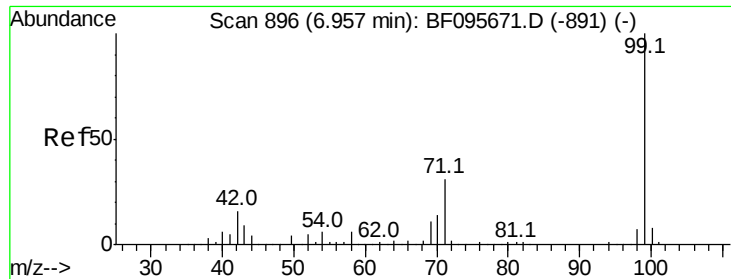


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.14 ng

RT: 6.91 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

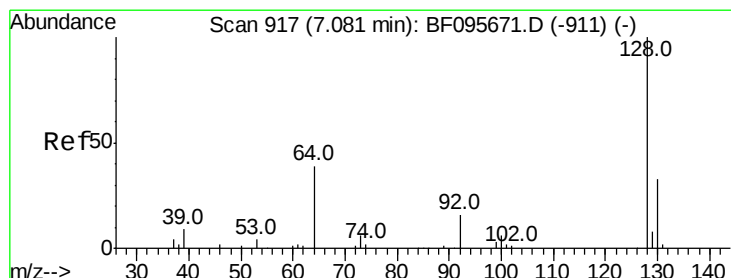
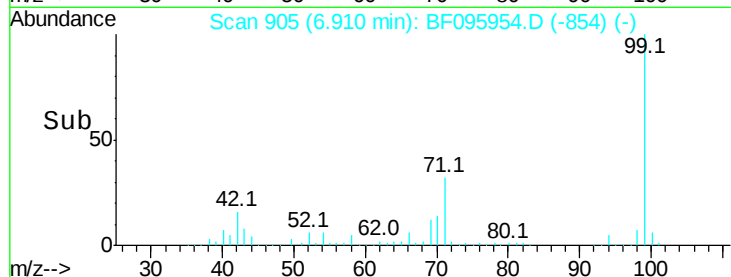
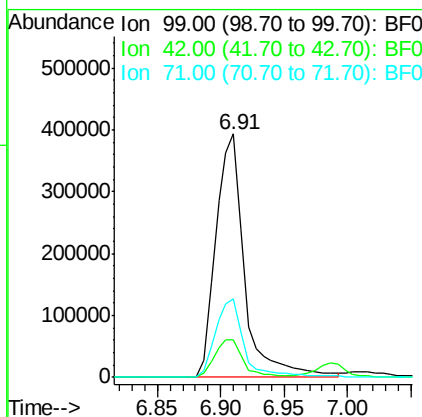
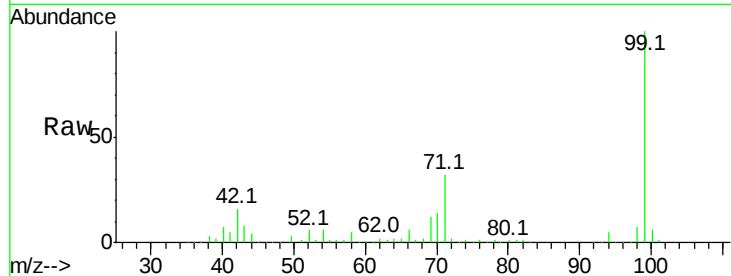
ClientSampled :

PB99843BS

Tot Ion:	99	Resp:	621836
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.5	20.3
71	32.5	24.5	36.7

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#8

2-Chlorophenol

Concen: 43.93 ng

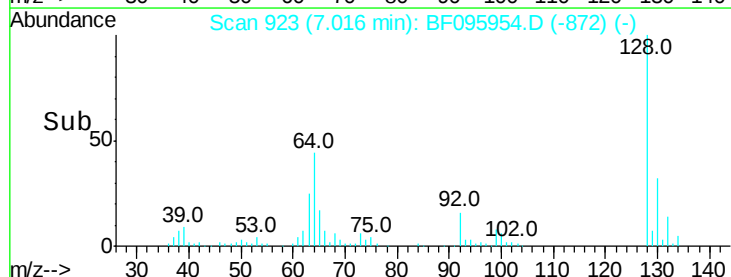
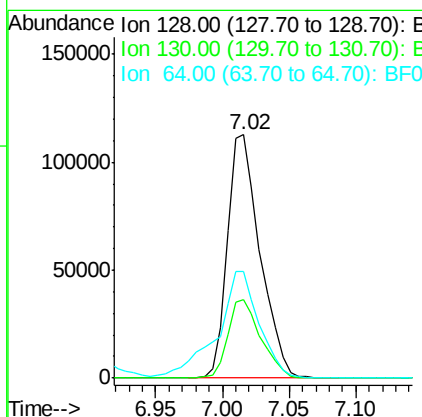
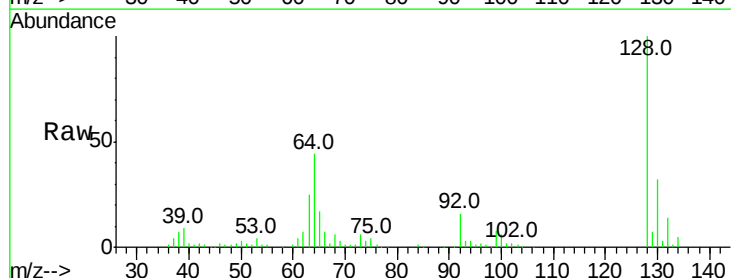
RT: 7.02 min Scan# 923

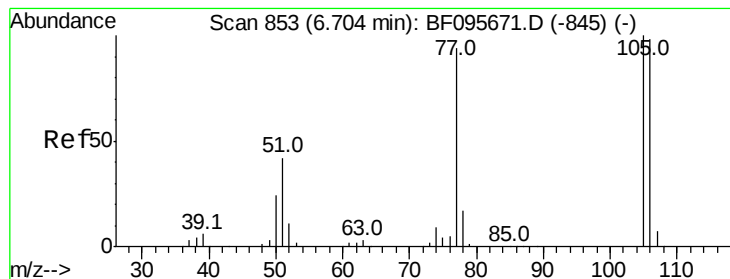
Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Tgt Ion:	128	Resp:	192339
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	43.6	28.4	68.4





#9

Benzaldehyde

Concen: 21.40 ng

RT: 6.63 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

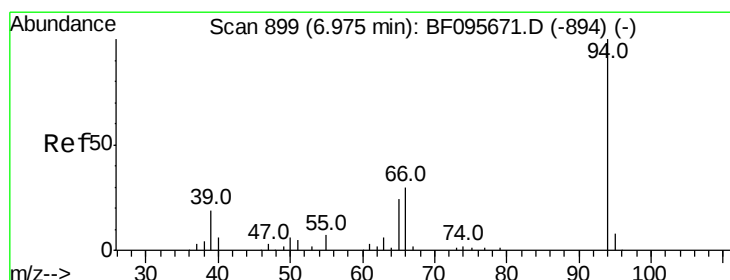
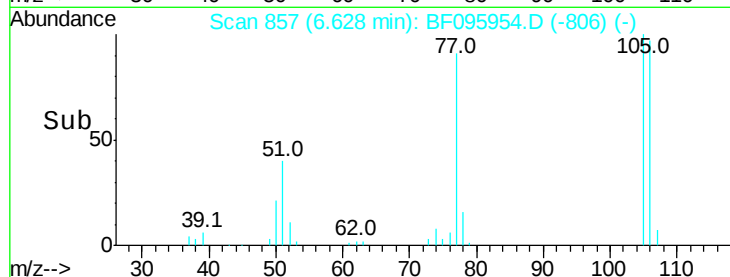
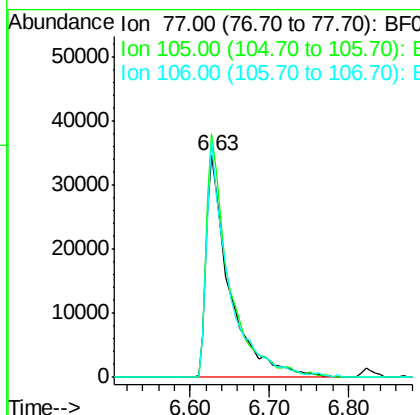
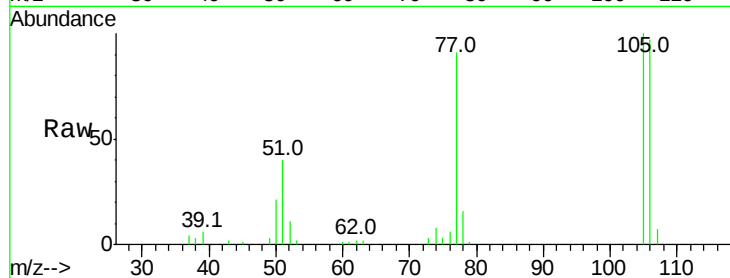
ClientSampleId :

PB99843BS

Tot Ion:	77	Resp:	71155
Ion	Ratio	Lower	Upper
77	100		
105	109.9	83.8	123.8
106	107.2	79.1	119.1

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#10

Phenol

Concen: 45.90 ng

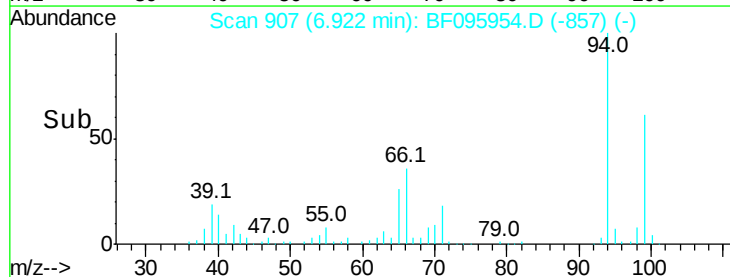
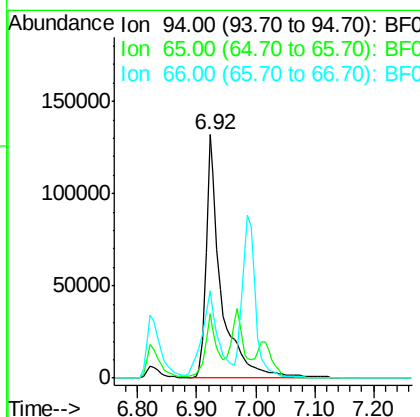
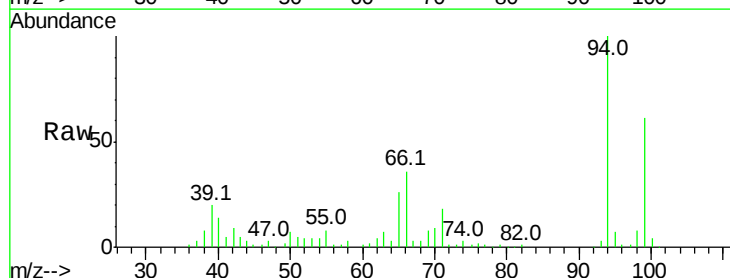
RT: 6.92 min Scan# 907

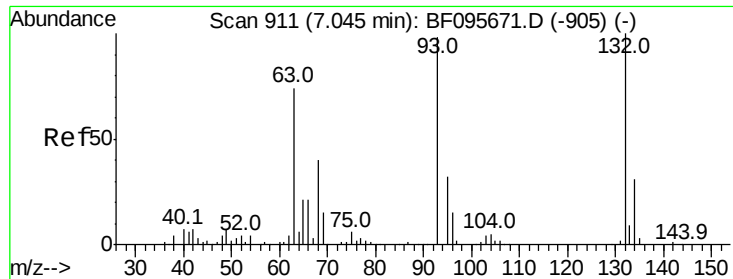
Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Tgt Ion:	94	Resp:	234728
Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.9	49.9
66	35.9	23.1	63.1





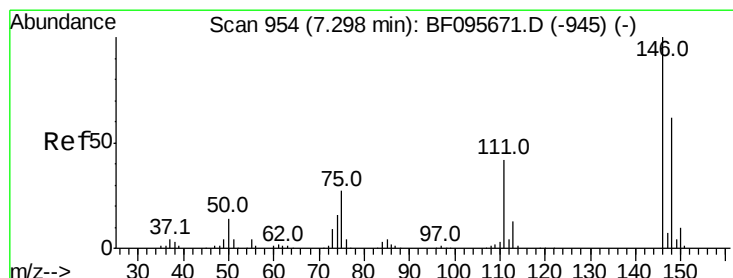
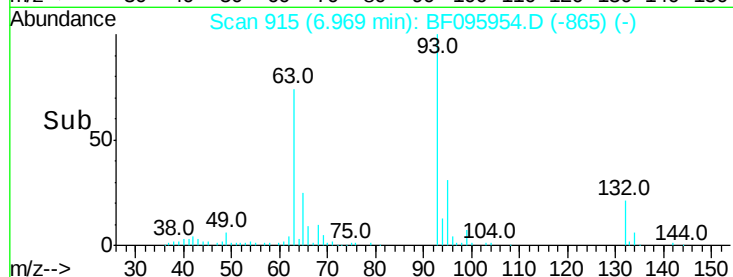
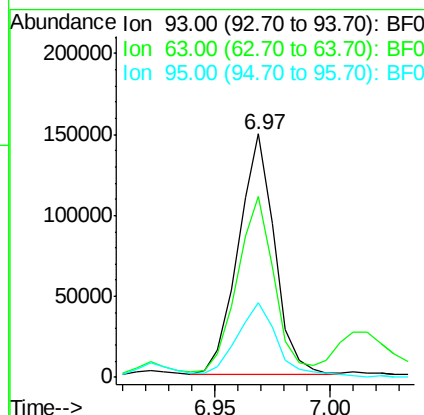
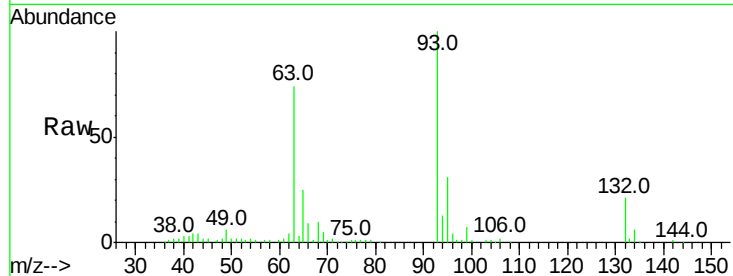
#11
bis(2-Chloroethyl)ether
Concen: 40.18 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	162760		
63	74.4	59.2	99.2	
95	30.6	12.8	52.8	

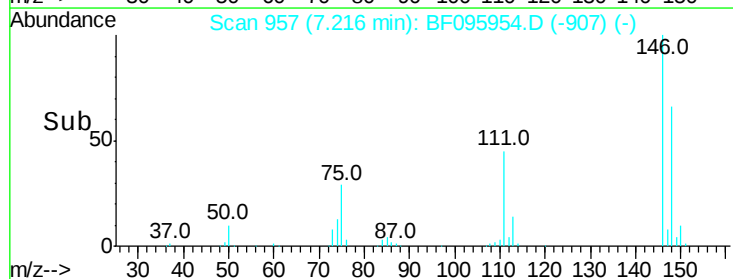
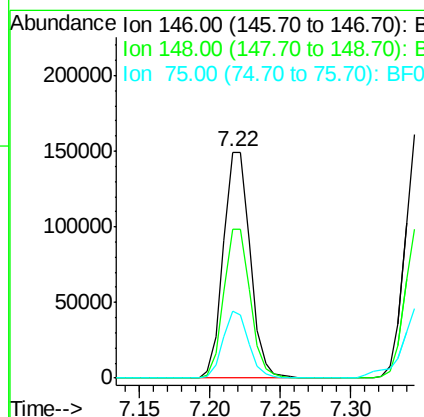
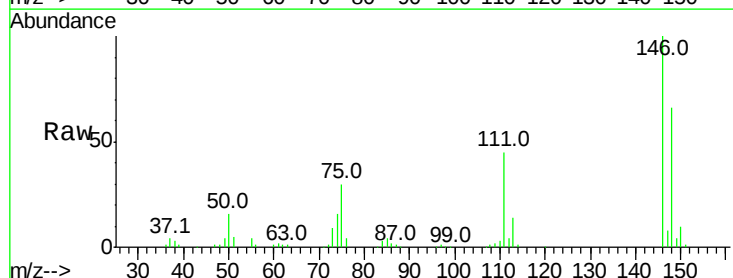
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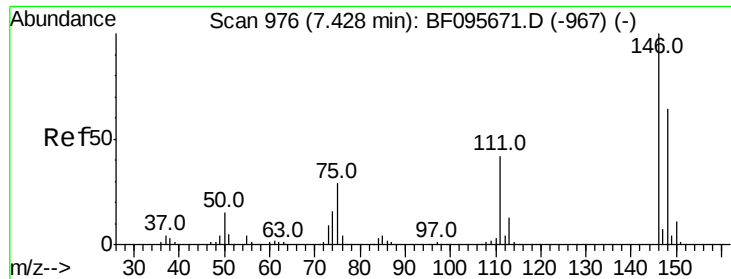
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.89 ng
RT: 7.22 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	197702		
148	65.8	51.8	77.6	
75	29.8	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 40.98 ng

RT: 7.35 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

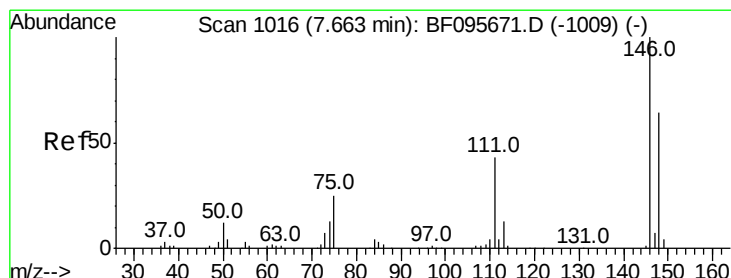
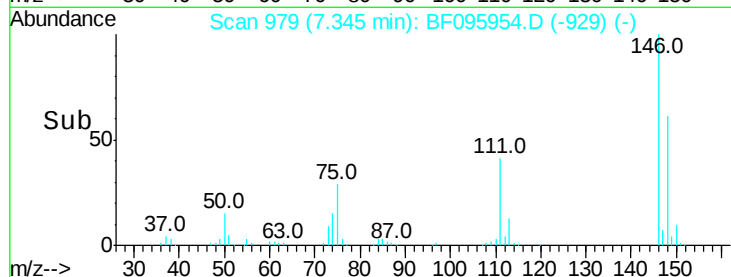
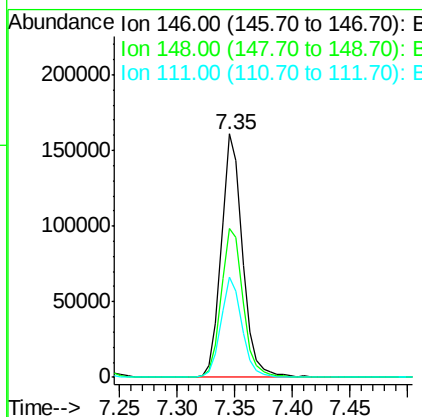
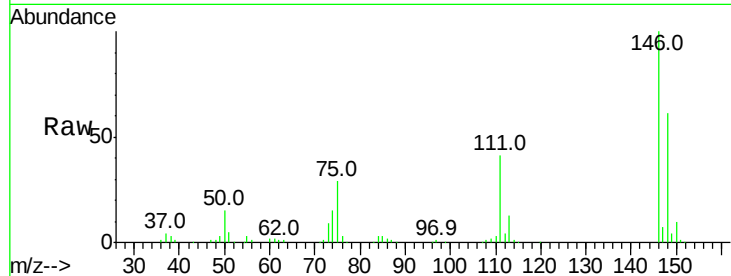
ClientSampleId :

PB99843BS

Tot Ion:	146	Resp:	205952
Ion Ratio	Lower	Upper	
146	100		
148	60.9	52.2	78.2
111	41.3	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 41.97 ng

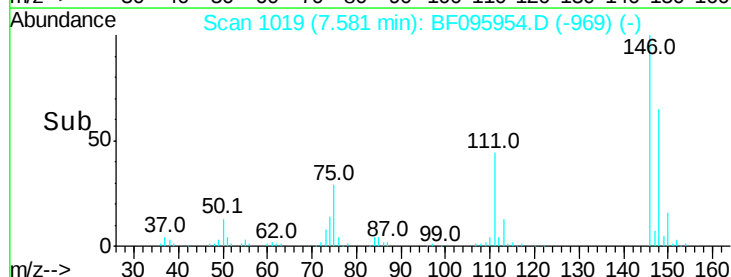
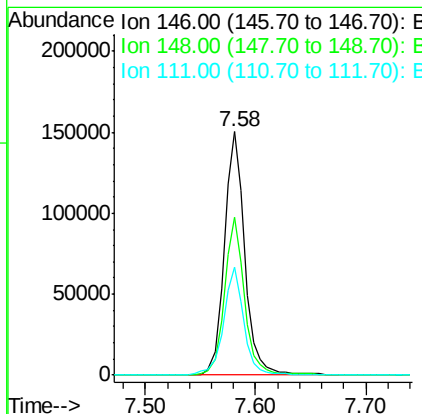
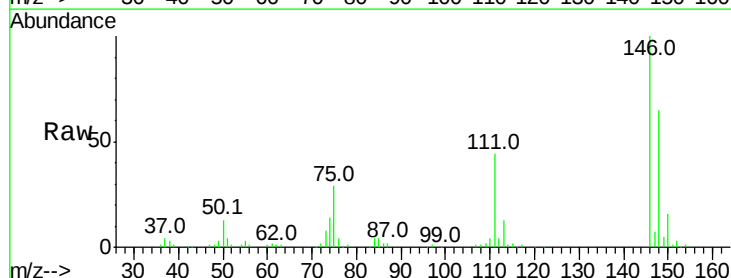
RT: 7.58 min Scan# 1019

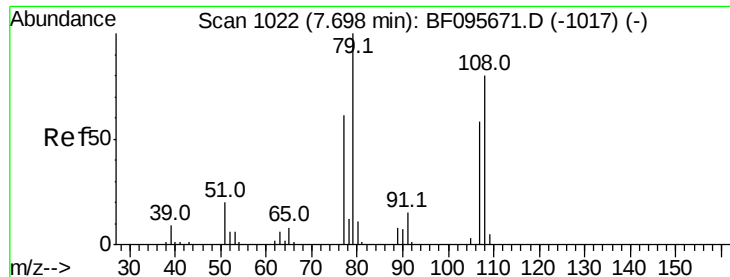
Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Tgt Ion:	146	Resp:	194446
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.4	75.6
111	44.3	38.2	57.4





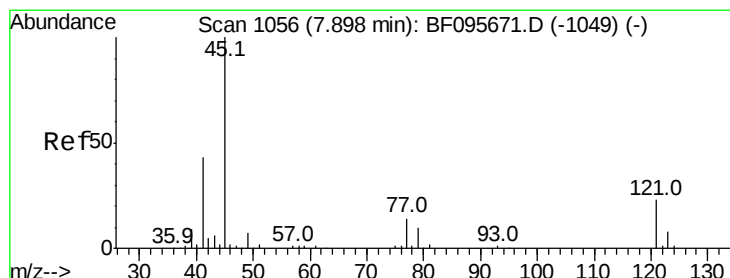
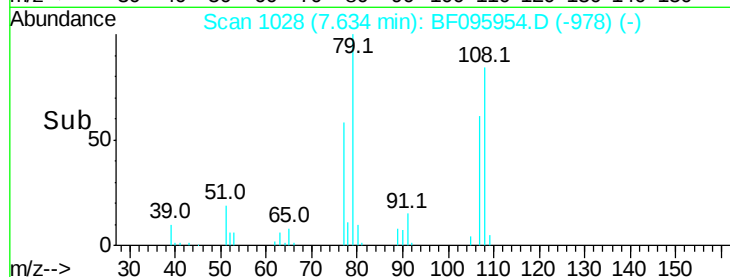
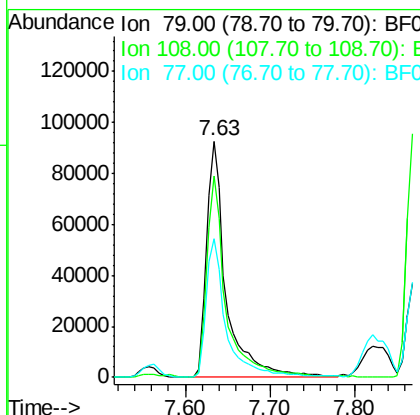
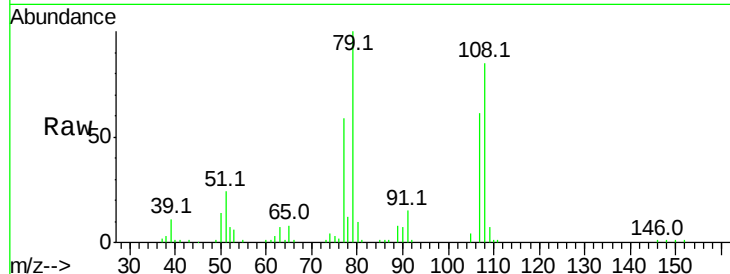
#15
Benzyl Alcohol
Concen: 44.61 ng
RT: 7.63 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	85.1	63.4	95.0	
77	58.6	49.2	73.8	

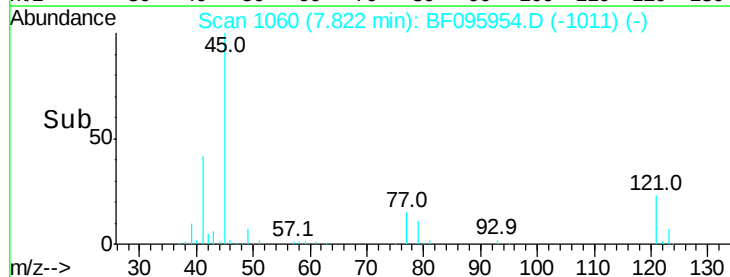
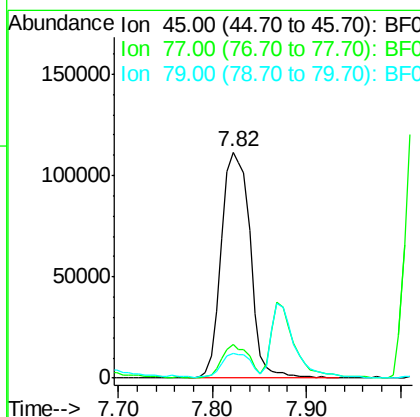
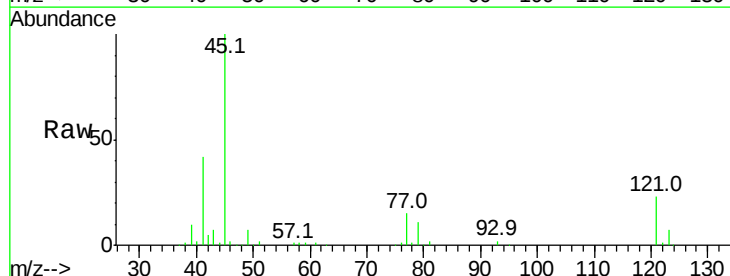
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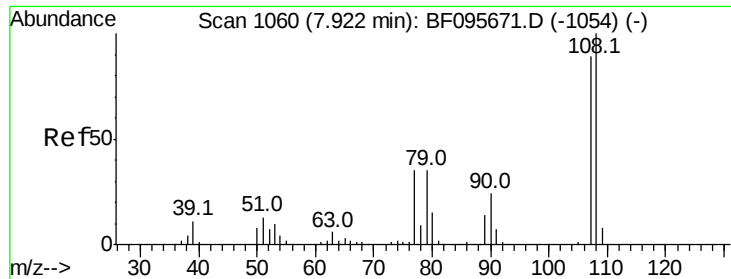
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.78 ng
RT: 7.82 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.8	0.0	33.2	
79	11.0	0.0	30.0	





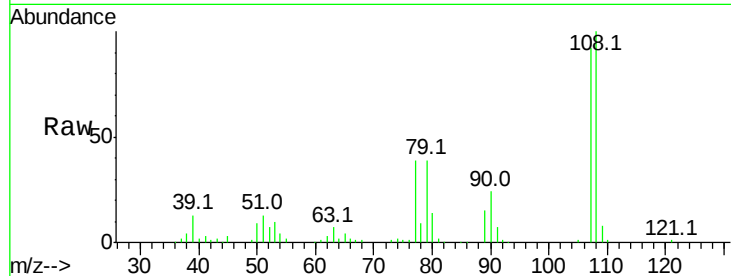
#17
 2-Methylphenol
 Concen: 43.17 ng
 RT: 7.87 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

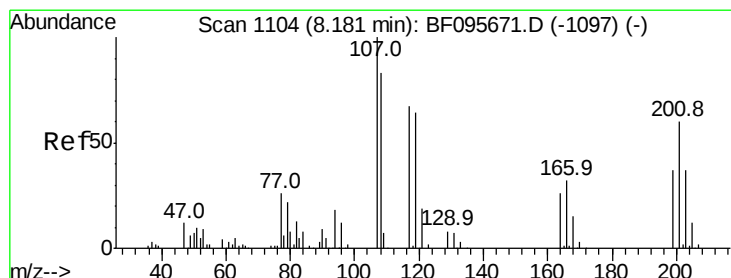
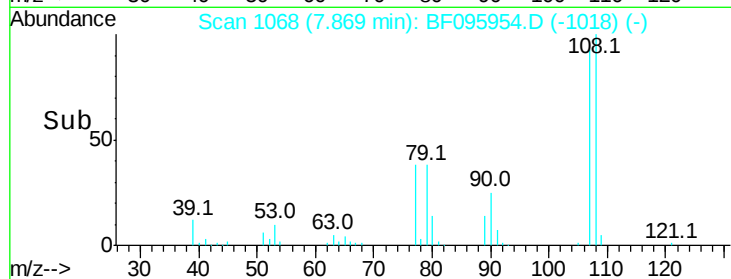
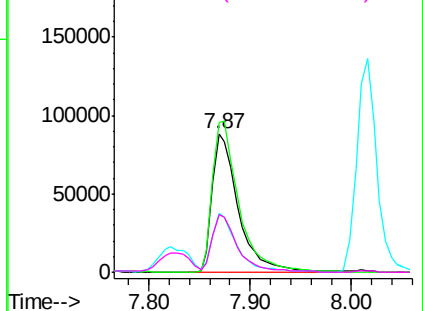
Tot Ion:	107	Resp:	158606
Ion Ratio	Lower	Upper	
107	100		
108	108.1	93.4	140.0
77	42.3	35.8	53.6
79	41.7	34.8	52.2

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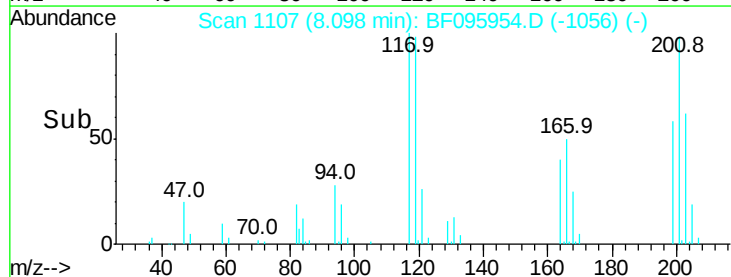
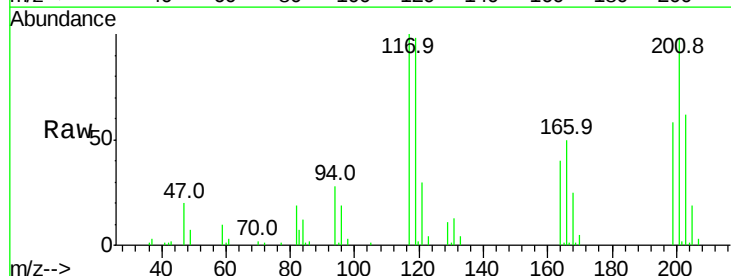
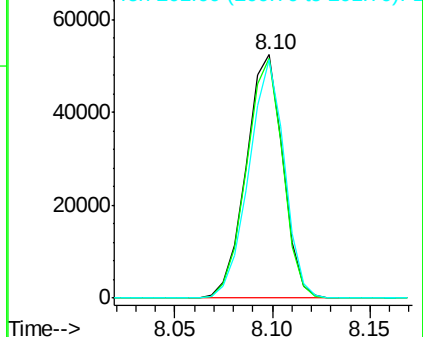
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

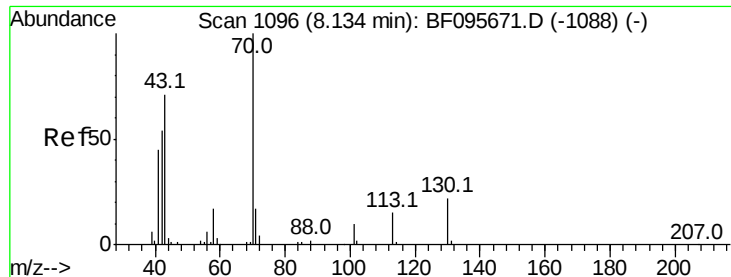


#18
 Hexachloroethane
 Concen: 41.26 ng
 RT: 8.10 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:	117	Resp:	68480
Ion Ratio	Lower	Upper	
117	100		
119	98.2	77.4	116.0
201	98.2	94.6	141.8

Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





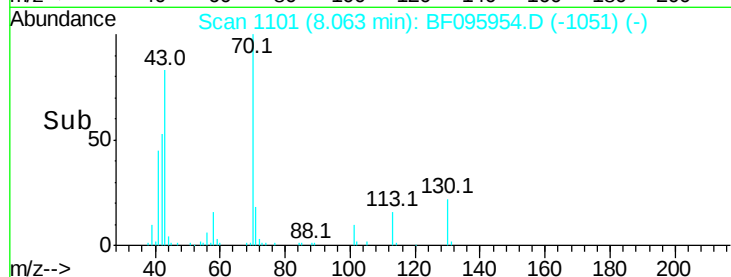
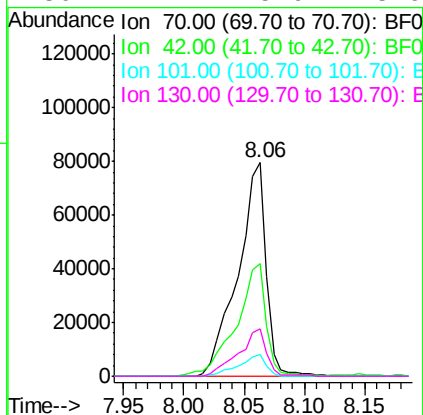
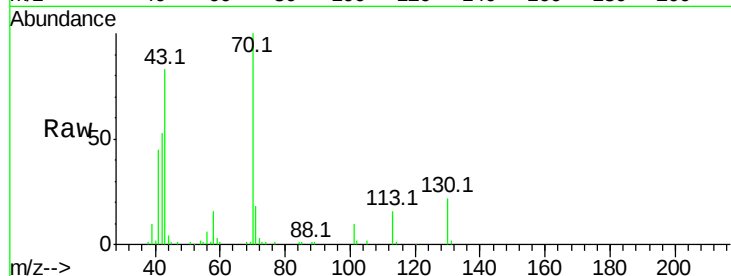
#19
n-Nitroso-di-n-propylamine
Concen: 41.80 ng
RT: 8.06 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.6	47.2	70.8	
101	10.0	7.2	10.8	
130	22.2	15.9	23.9	

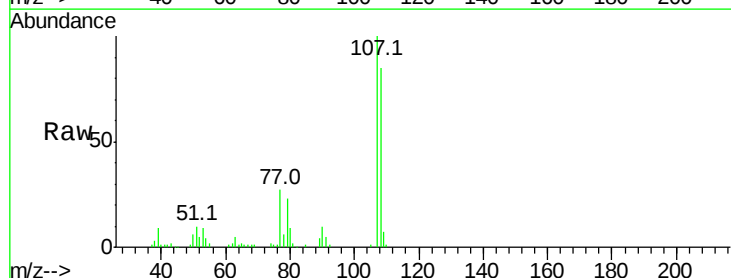
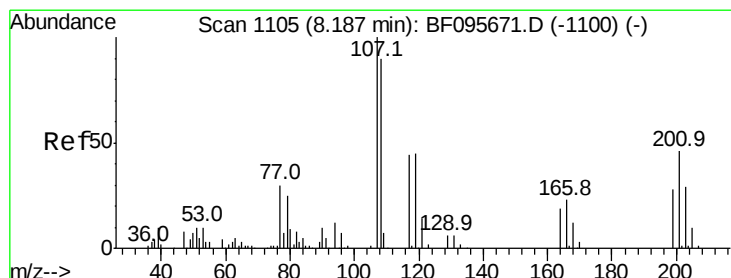
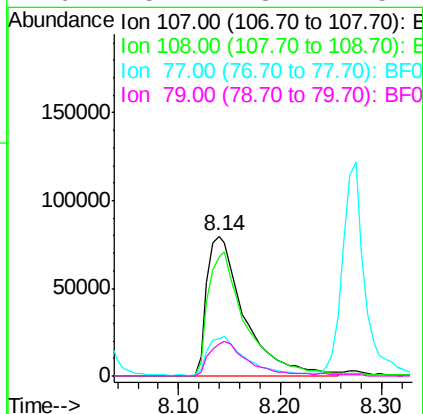
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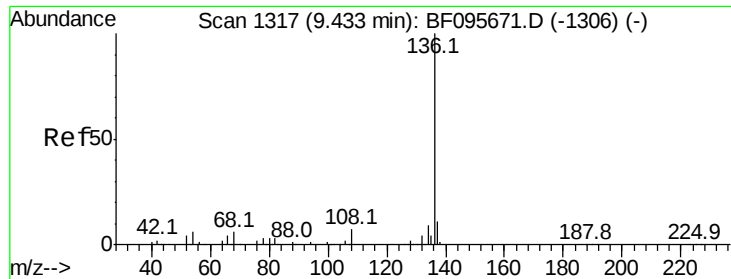
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#20
3+4-Methylphenols
Concen: 43.99 ng
RT: 8.14 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.2	71.0	111.0	
77	27.0	90.5	130.5	
79	23.4	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

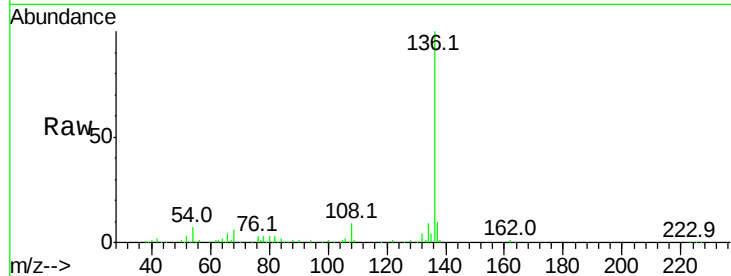
ClientSampleId :

PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.2	8.5	12.7	
54	7.2	4.9	7.3	
68	5.8	4.1	6.1	

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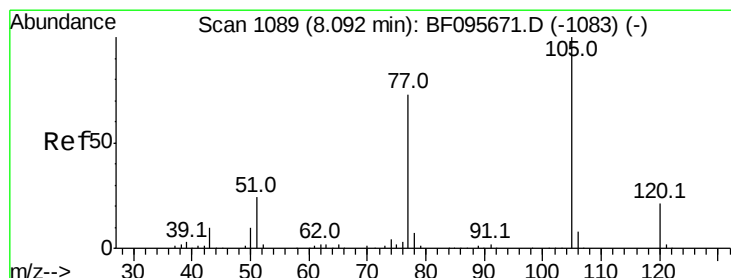
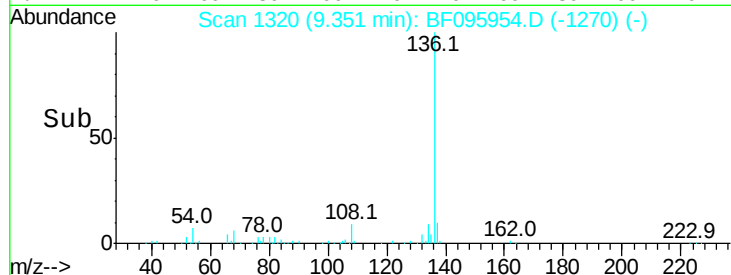
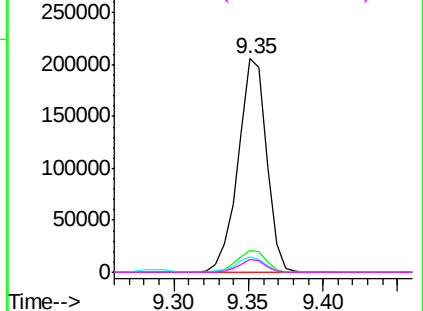
Abundance

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: 41.21 ng

RT: 8.02 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	21.8	30.7	46.1#	
120	20.6	17.4	26.0	

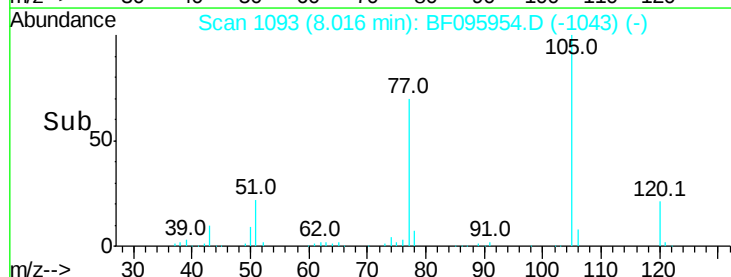
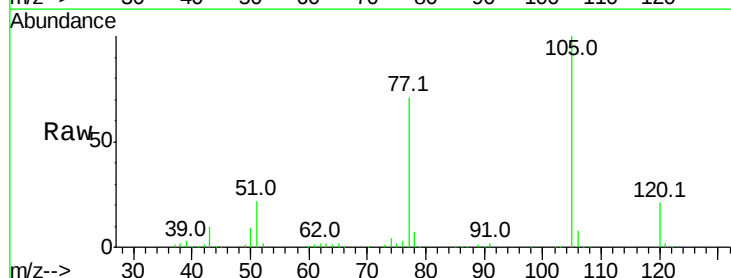
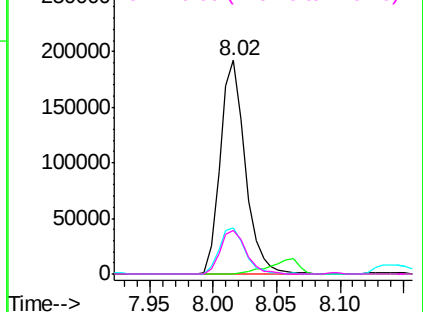
Abundance

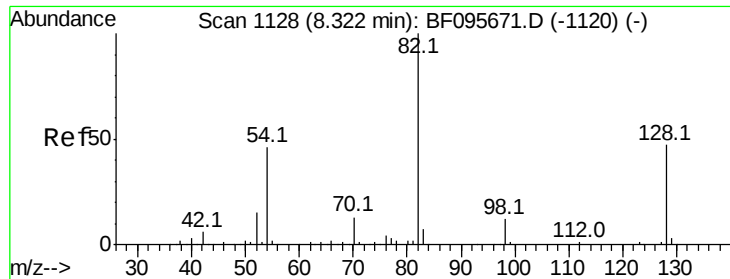
Ion 105.00 (104.70 to 105.70): E

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





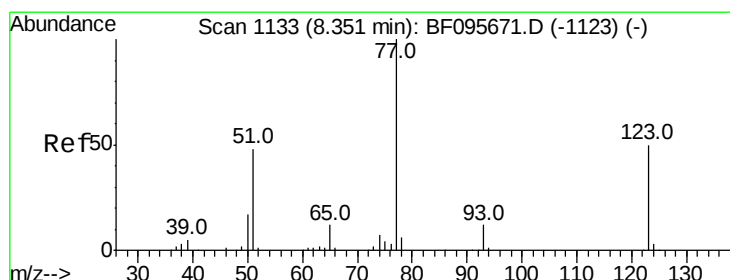
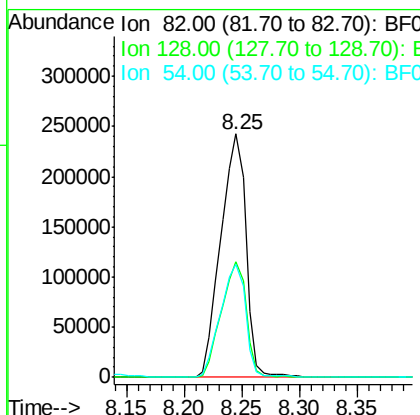
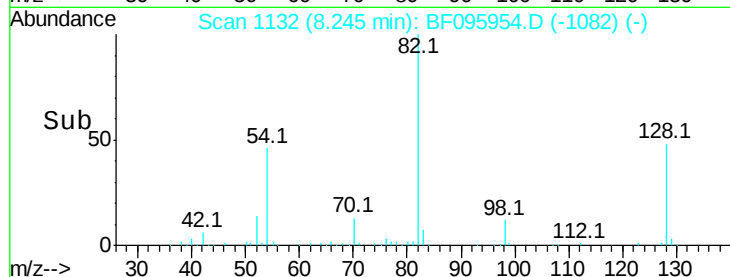
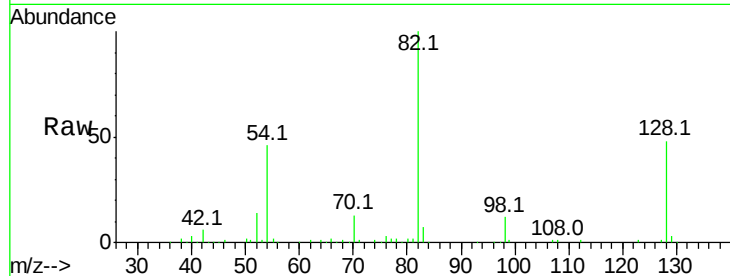
#23
 Nitrobenzene-d5
 Concen: 83.75 ng
 RT: 8.25 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.7	34.0	51.0	
54	46.4	42.2	63.2	

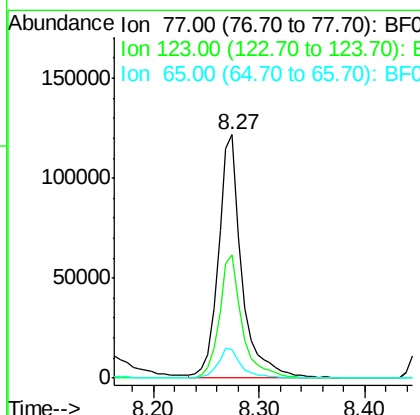
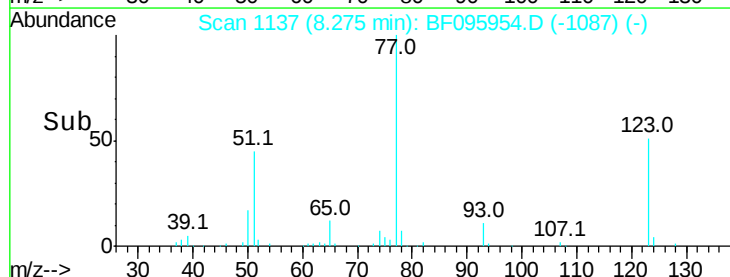
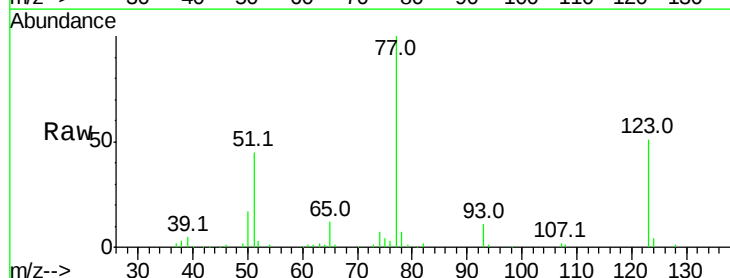
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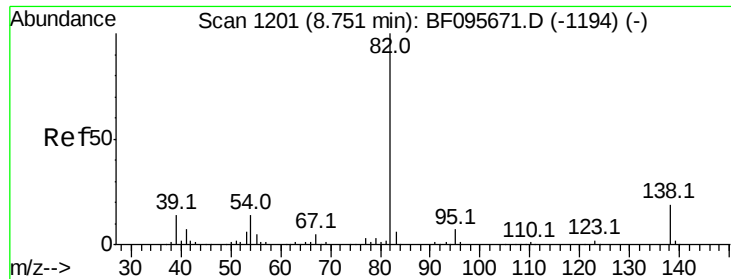
mohammad
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#24
 Nitrobenzene
 Concen: 40.03 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.7	35.8	53.8	
65	12.0	10.6	15.8	





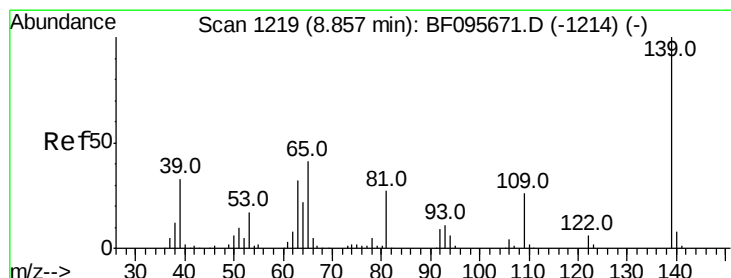
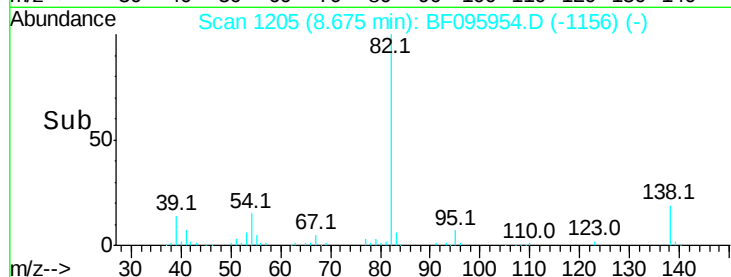
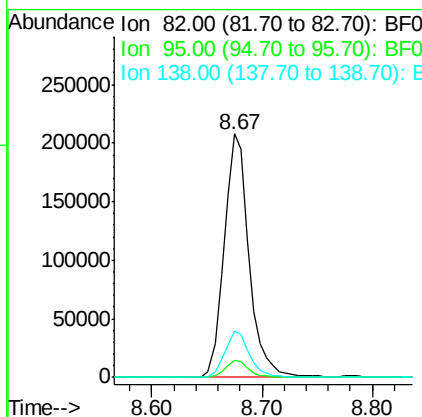
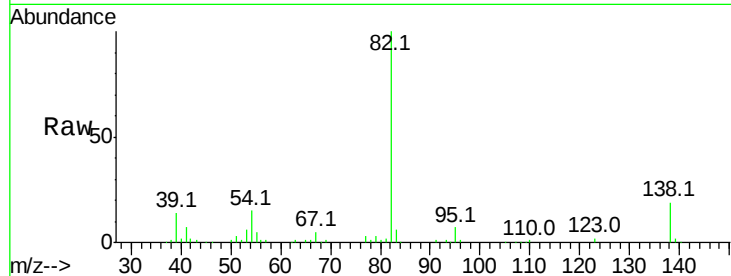
#25
Isophorone
Concen: 39.94 ng
RT: 8.67 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.2	5.3	7.9	
138	19.3	13.1	19.7	

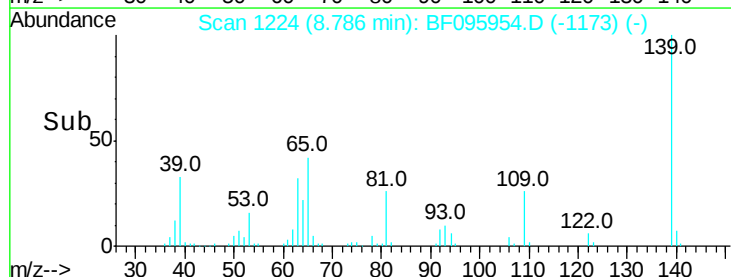
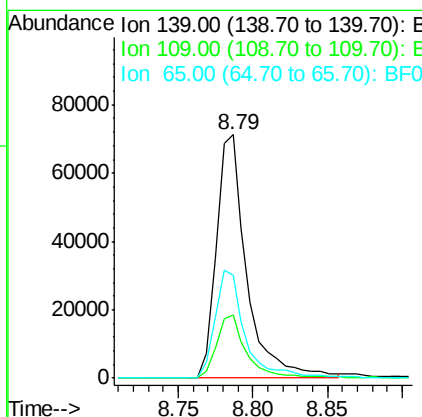
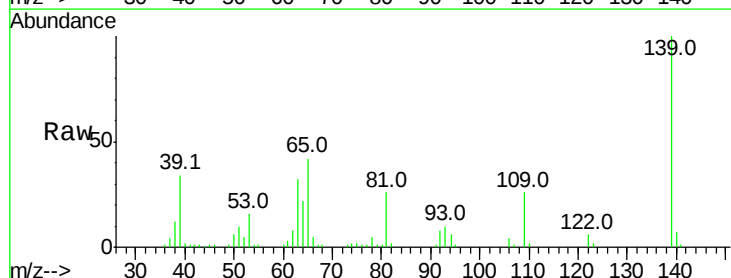
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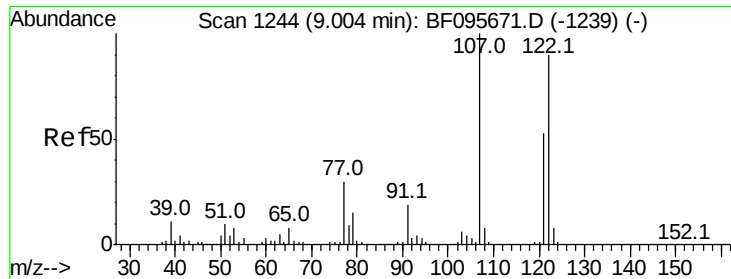
mohammad
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#26
2-Nitrophenol
Concen: 41.26 ng
RT: 8.79 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.0	21.0	31.6	
65	42.4	33.0	49.6	





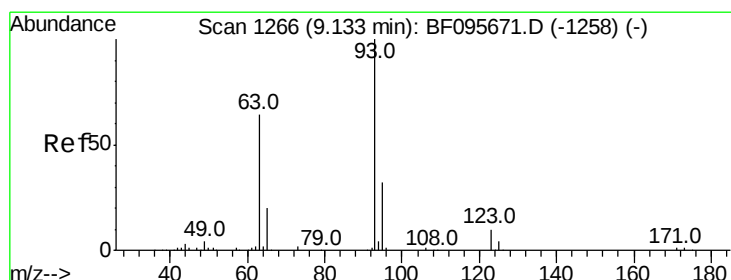
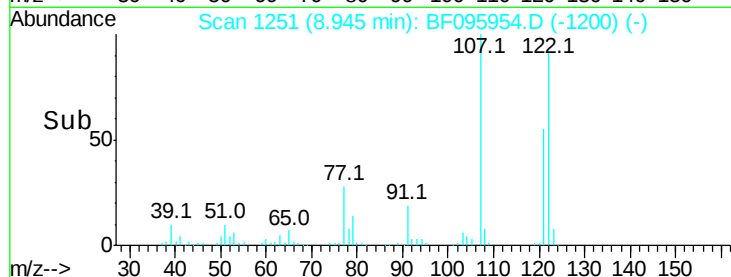
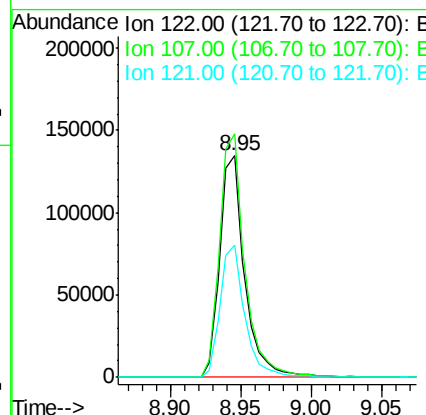
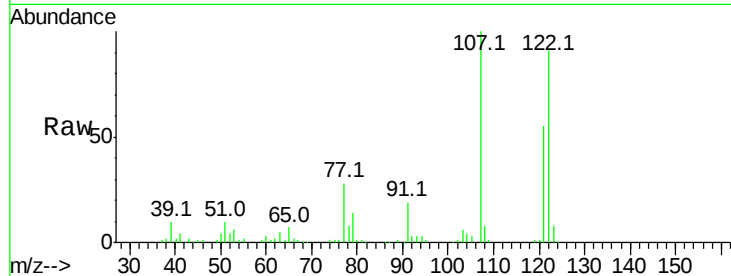
#27
2,4-Dimethylphenol
Concen: 43.27 ng
RT: 8.95 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	165382		
107	110.0	89.2	133.8	
121	60.0	45.2	67.8	

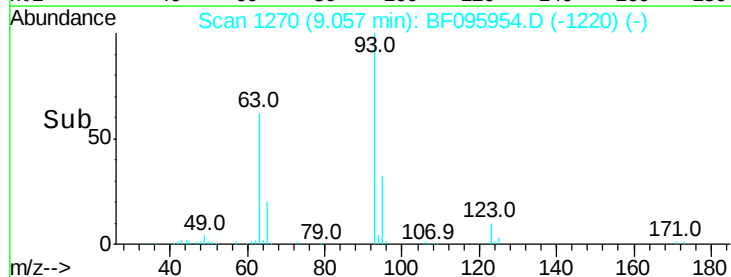
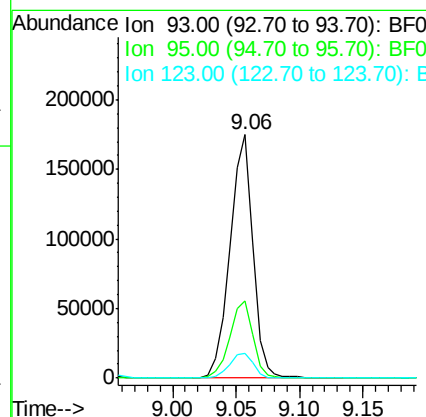
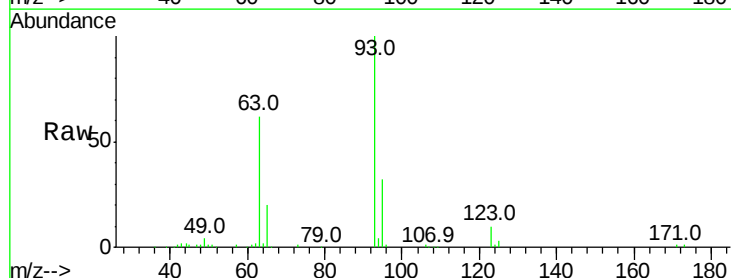
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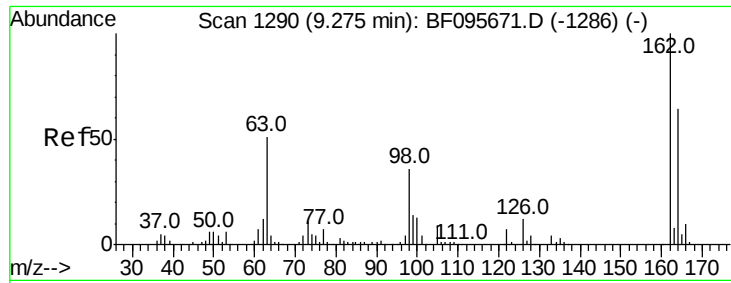
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.34 ng
RT: 9.06 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	218600		
95	32.0	26.5	39.7	
123	10.4	9.0	13.4	





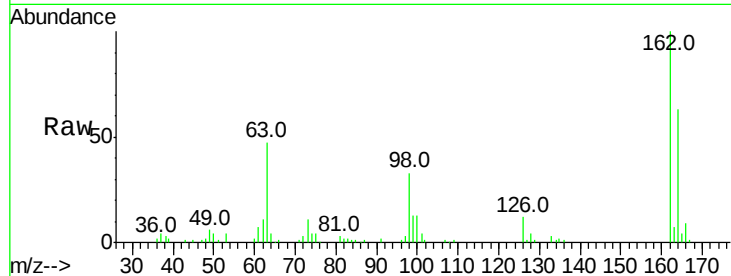
#29
 2,4-Dichlorophenol
 Concen: 43.17 ng
 RT: 9.22 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

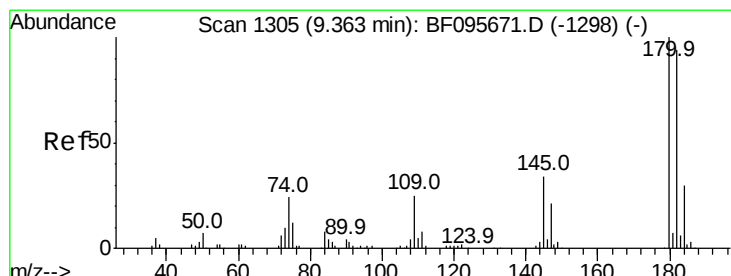
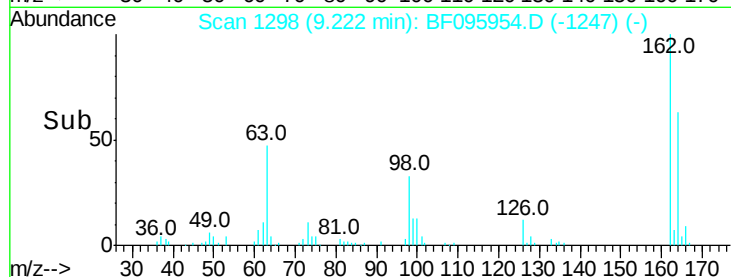
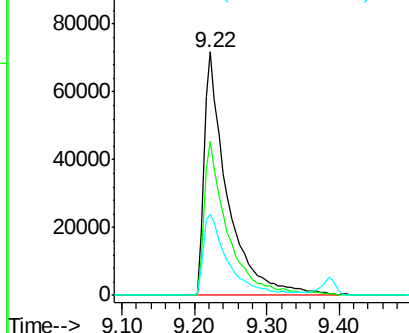
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		158900		
164	63.5	44.6	84.6		
98	33.3	14.8	54.8		

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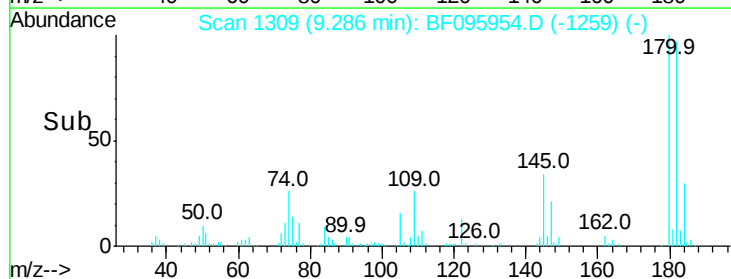
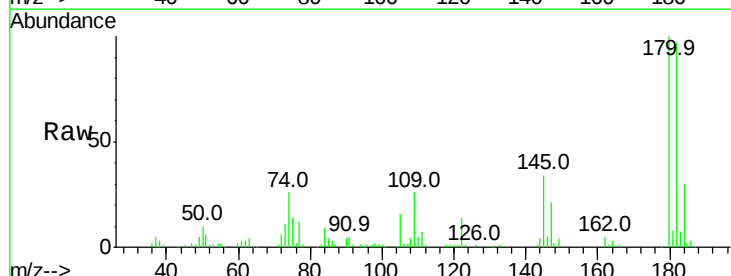
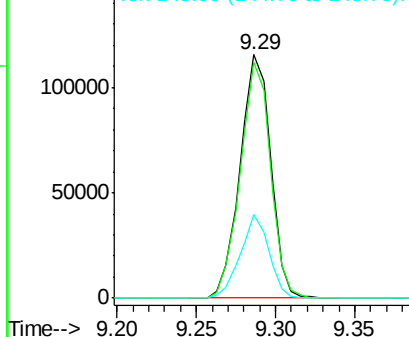
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

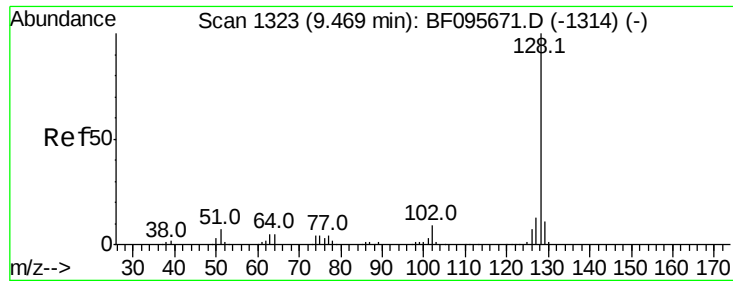


#30
 1,2,4-Trichlorobenzene
 Concen: 40.59 ng
 RT: 9.29 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		155456		
182	97.0	75.8	113.6		
145	34.3	25.3	37.9		

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





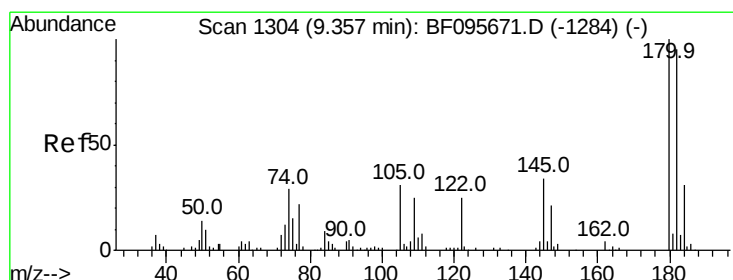
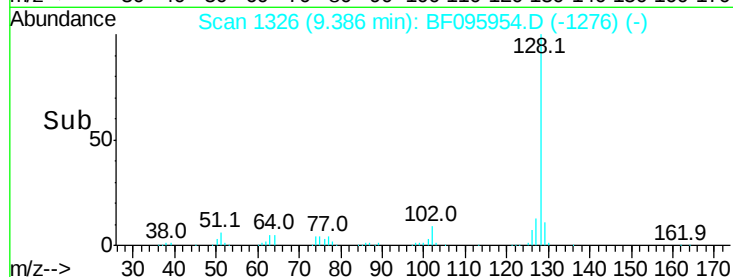
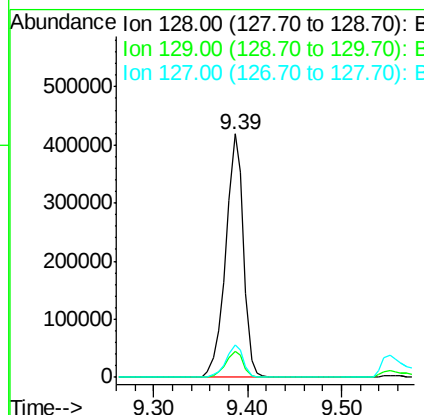
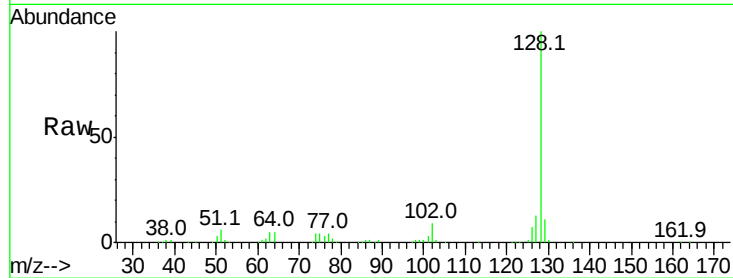
#31
Naphthalene
Concen: 39.97 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	9.0	13.6	
127	13.1	10.8	16.2	

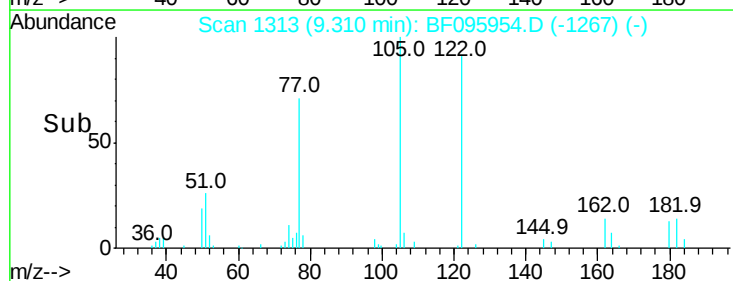
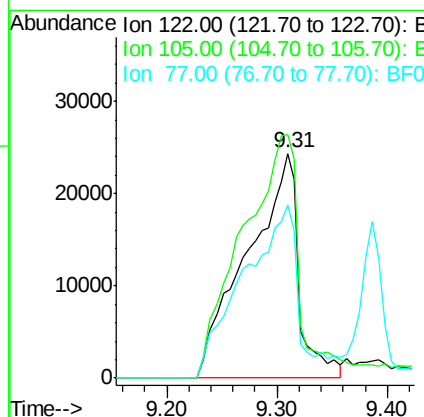
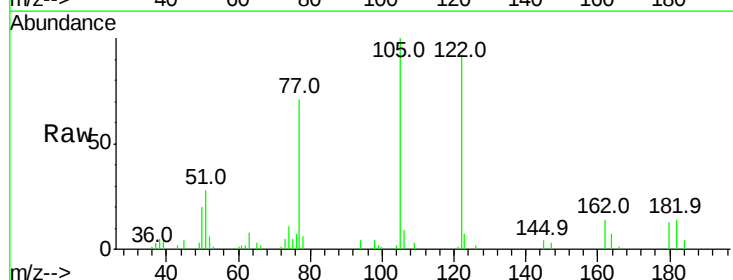
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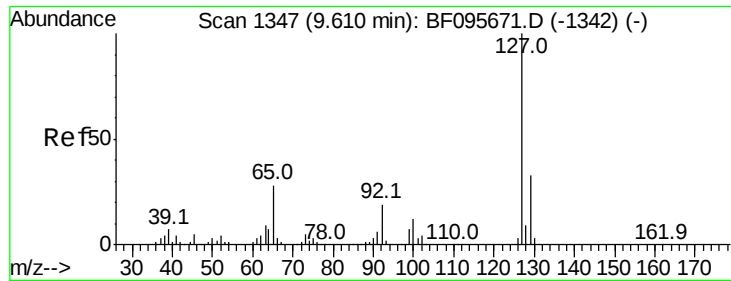
mohammad
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#32
Benzoic acid
Concen: 34.62 ng
RT: 9.31 min Scan# 1313
Delta R.T. -0.03 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	108.3	103.3	143.3	
77	77.1	73.7	113.7	





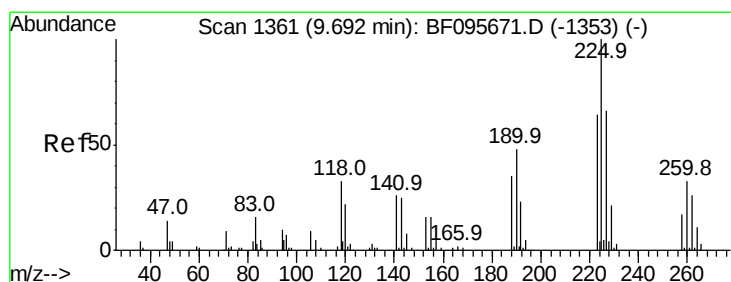
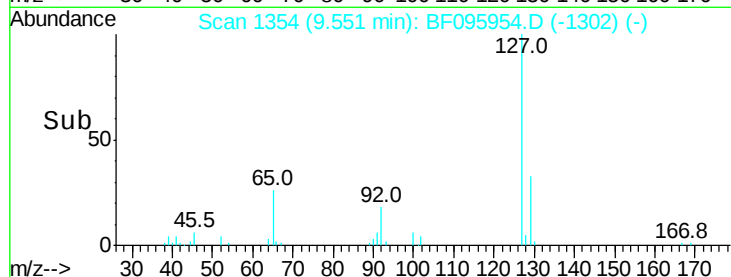
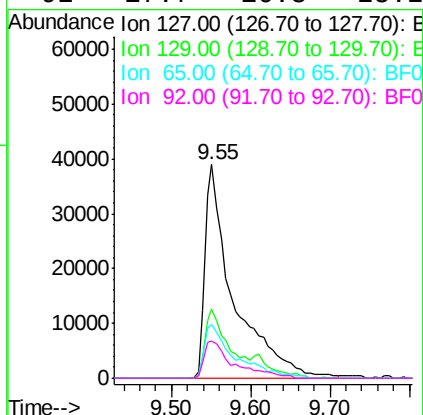
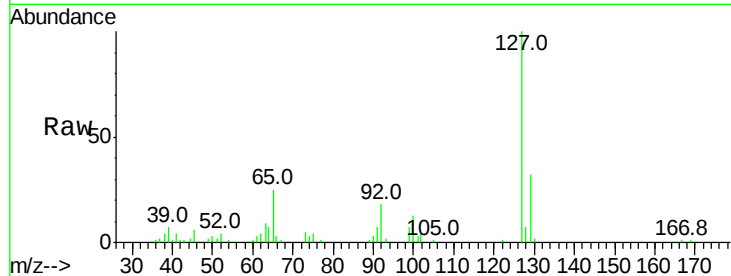
#33
4-Chloroaniline
Concen: 18.21 ng
RT: 9.55 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	25.3	27.8	41.8
92	17.7	16.8	25.2

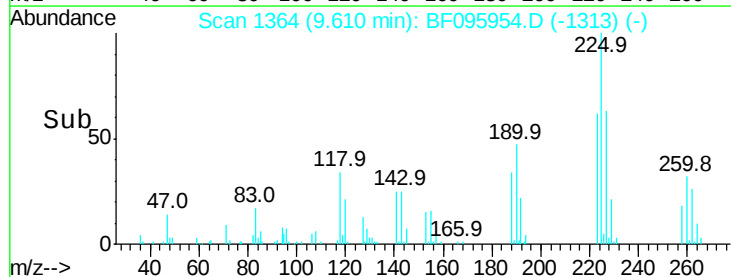
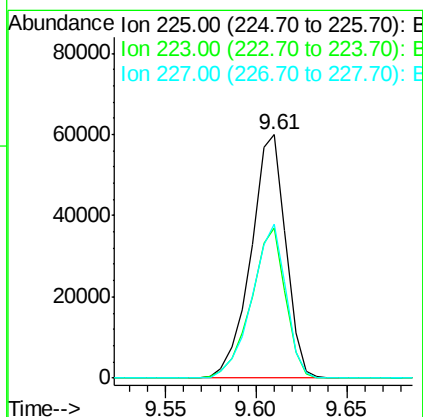
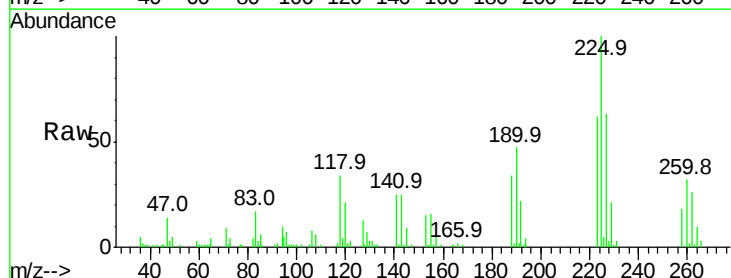
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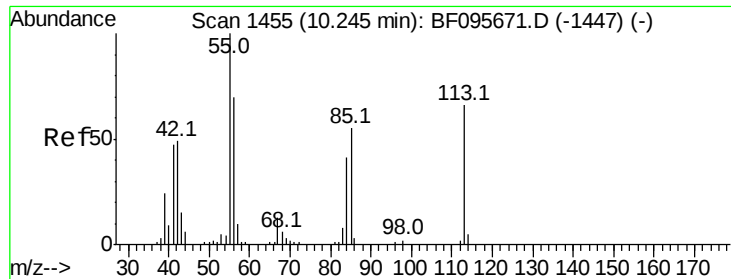
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#34
Hexachlorobutadiene
Concen: 40.37 ng
RT: 9.61 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	63.3	51.1	76.7





#35

Caprolactam

Concen: 45.61 ng/mL

RT: 10.17 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

ClientSampleID :

PB99843BS

Tot Ion:113 Resp: 49957

Ion Ratio Lower Upper

113 100

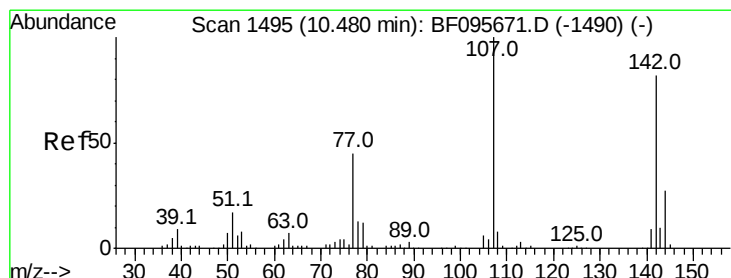
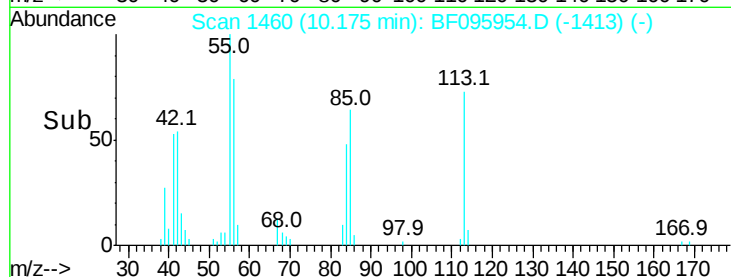
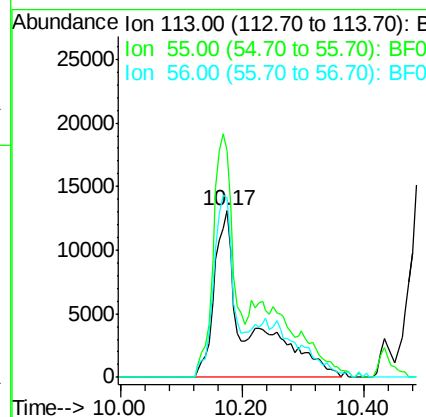
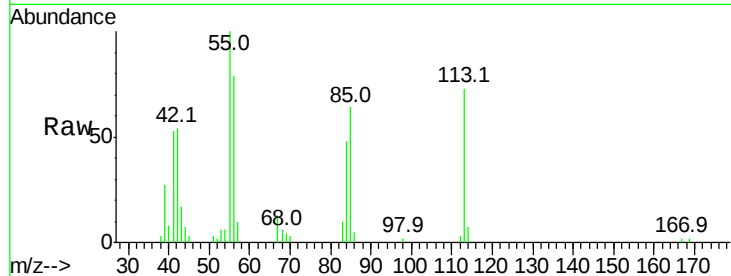
55 136.5 150.2 190.2#

56 108.1 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 42.76 ng/mL

RT: 10.43 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

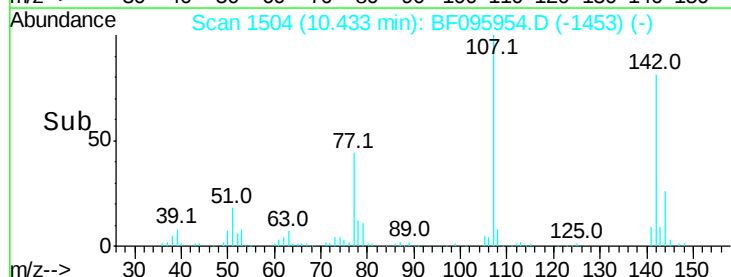
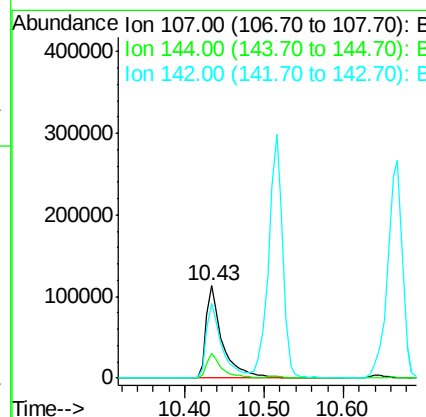
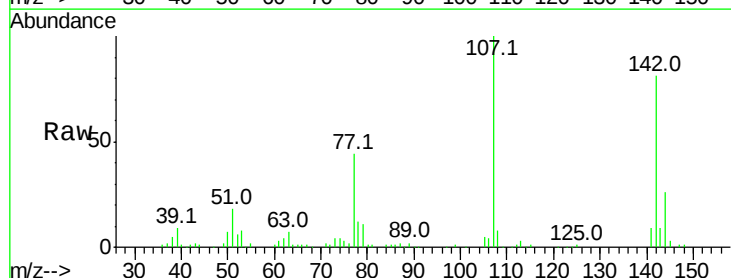
Tgt Ion:107 Resp: 164777

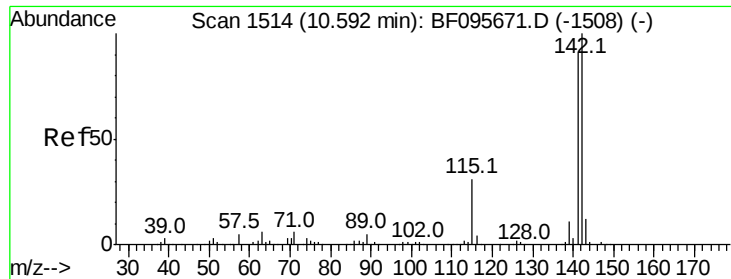
Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

142 80.7 73.4 110.0





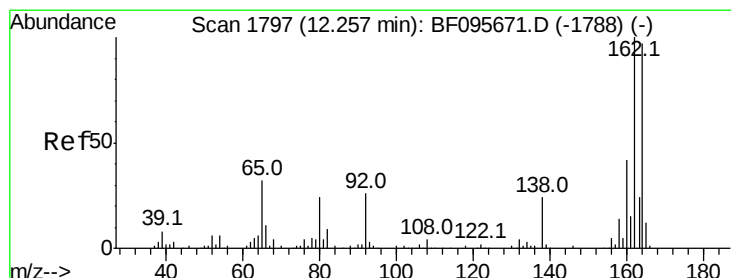
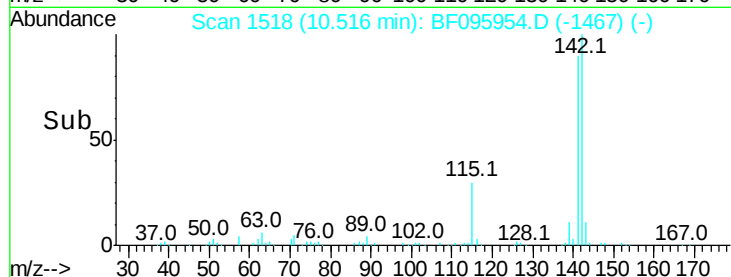
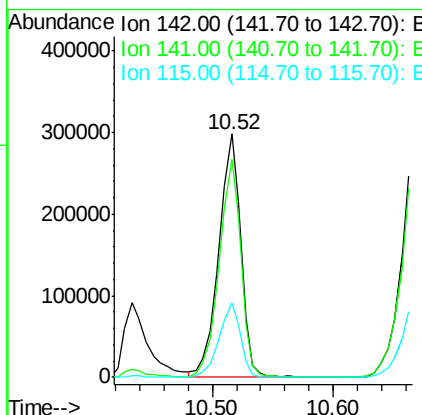
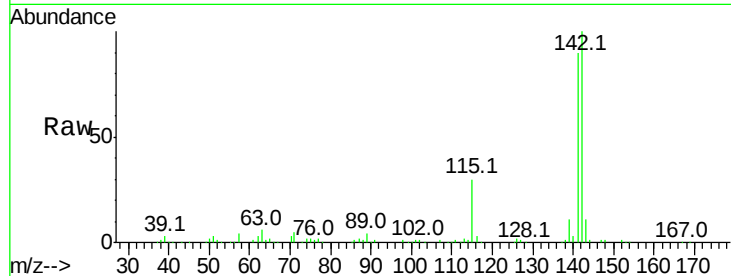
#37
2-Methylnaphthalene
Concen: 40.53 ng
RT: 10.52 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	30.5	27.1	40.7

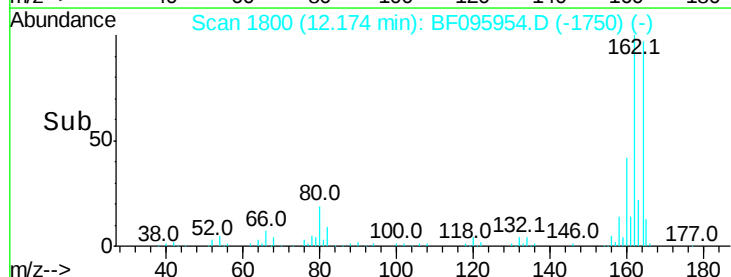
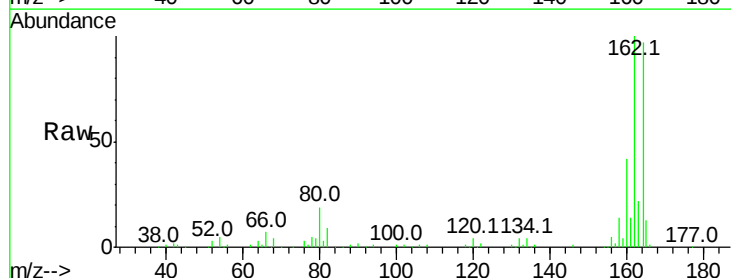
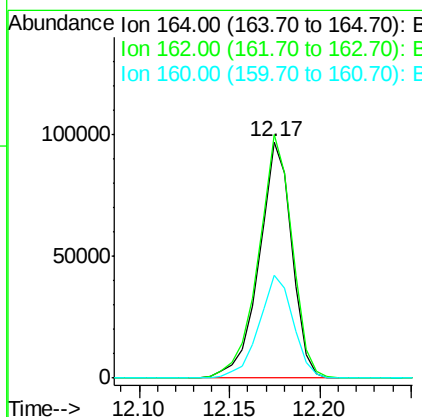
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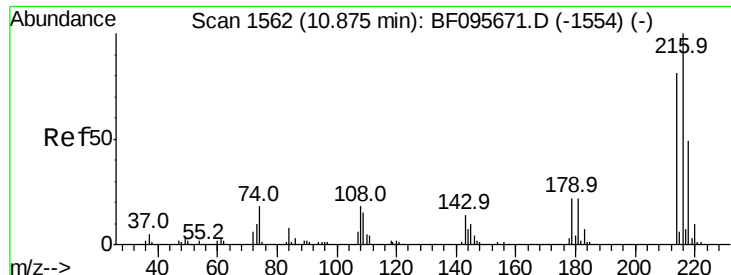
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	43.6	36.2	54.2





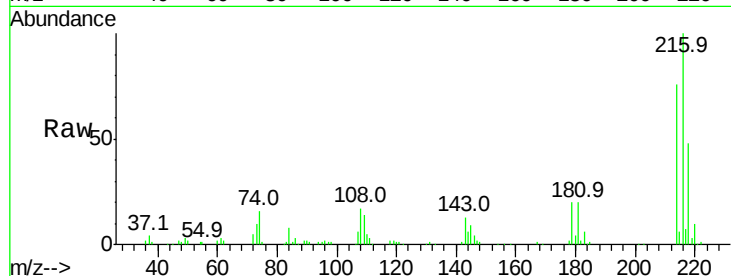
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.69 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

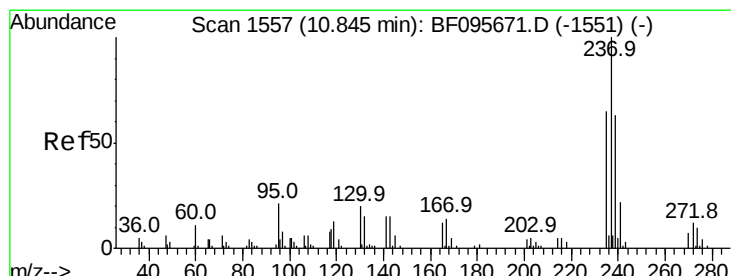
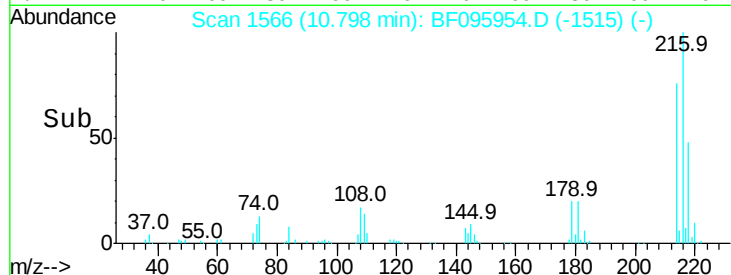
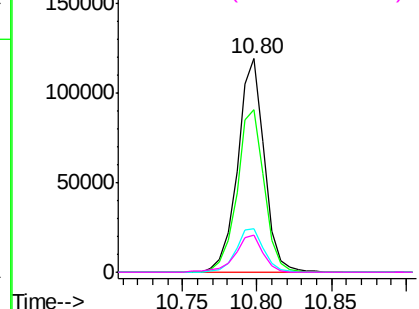
Tot Ion	Ratio	Resp	Lower	Upper
216	100	147863		
214	77.7	63.4	95.2	
179	21.2	17.9	26.9	
108	18.4	16.5	24.7	

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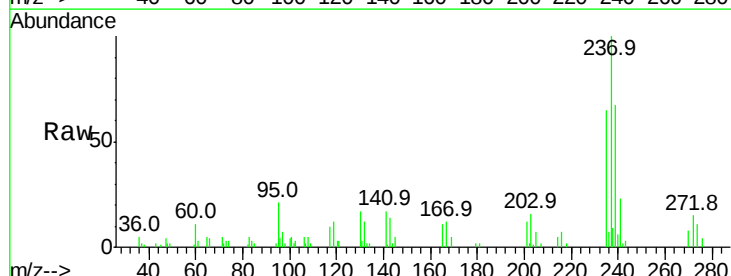


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

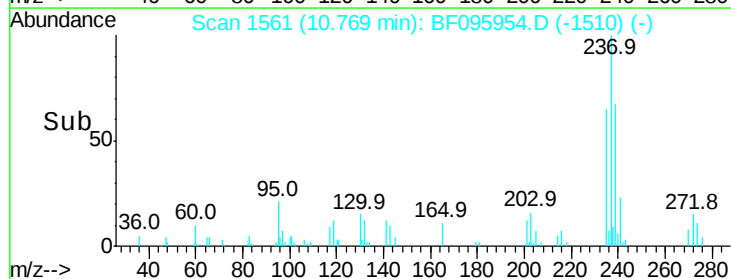
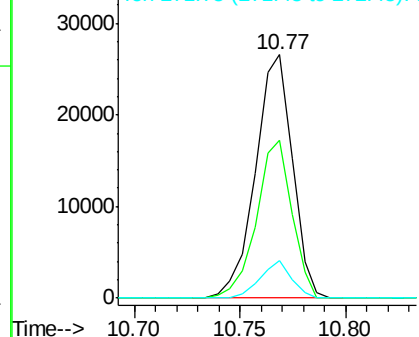


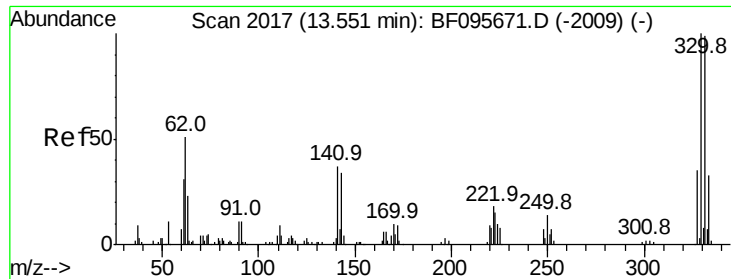
#40
 Hexachlorocyclopentadiene
 Concen: 35.62 ng
 RT: 10.77 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	32311		
235	64.7	42.6	82.6	
272	15.3	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





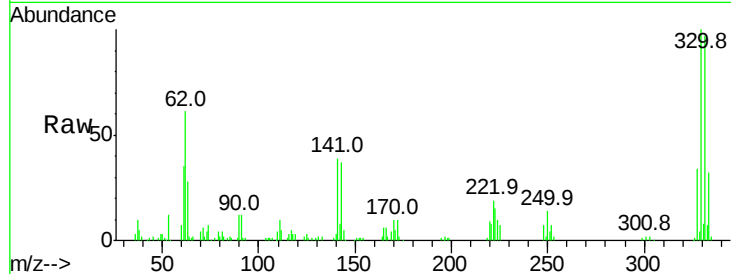
#41
 2,4,6-Tribromophenol
 Concen: 118.49 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

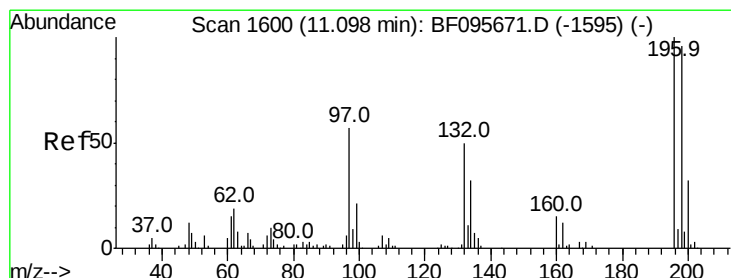
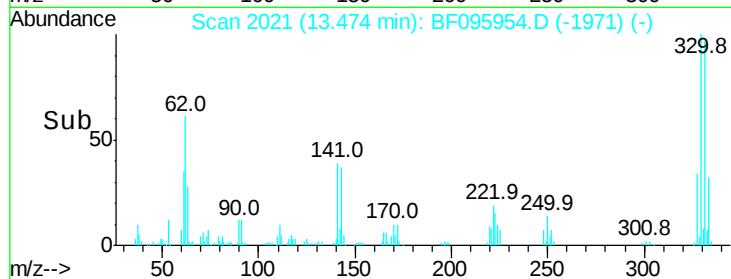
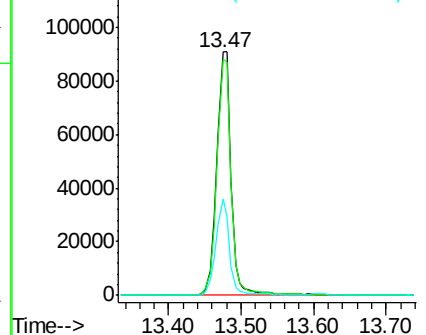
Tot Ion	Ratio	Resp	Lower	Upper
330	100	127300		
332	95.2	76.6	115.0	
141	36.8	31.4	47.2	

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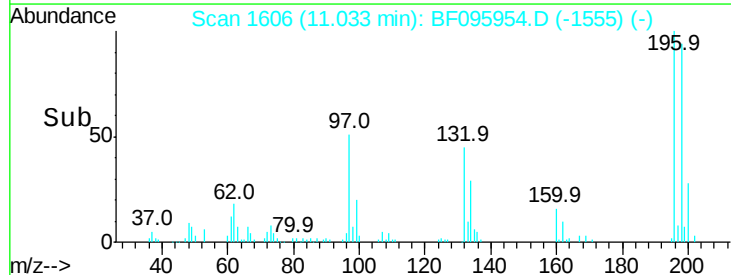
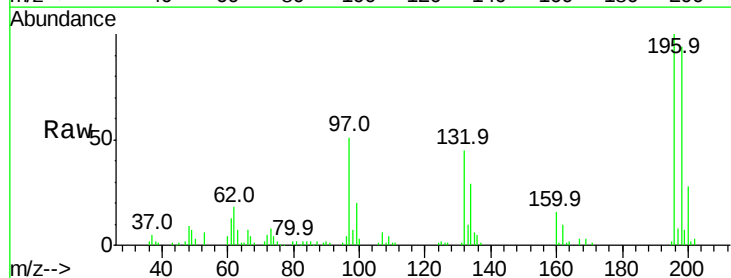
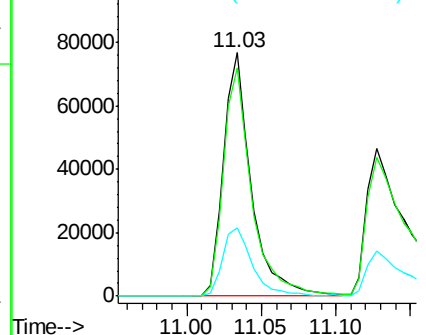
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

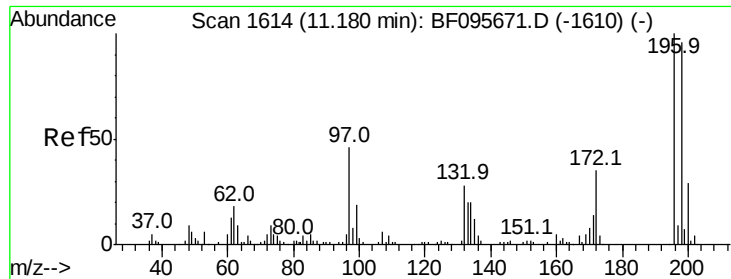


#42
 2,4,6-Trichlorophenol
 Concen: 43.11 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100720		
198	93.8	74.2	111.4	
200	28.3	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





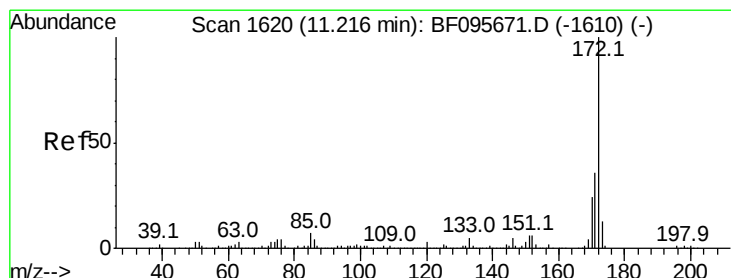
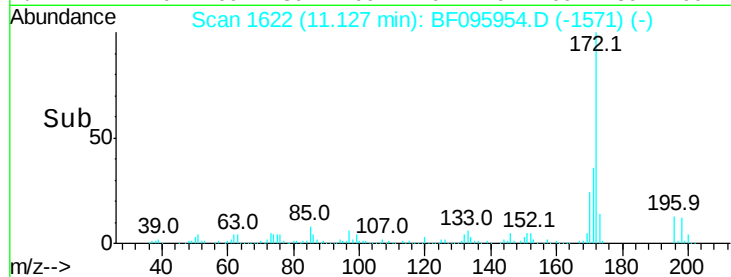
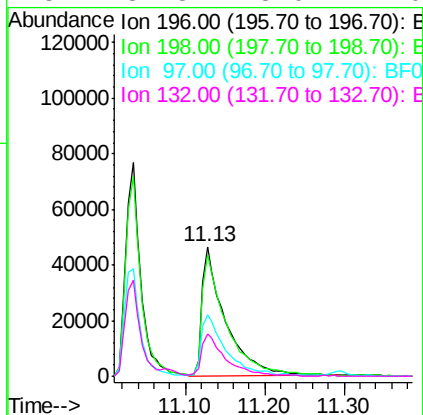
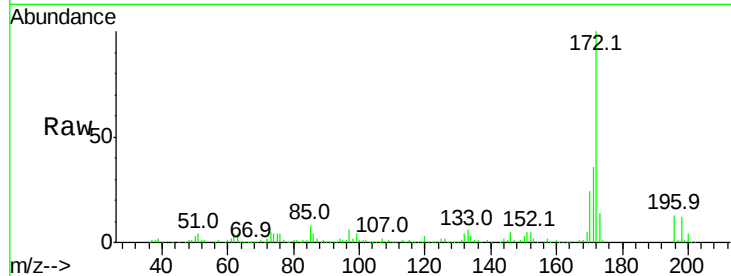
#43
 2,4,5-Trichlorophenol
 Concen: 38.68 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampled :
 PB99843BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
97	47.8	47.7	71.5
132	32.8	28.0	42.0

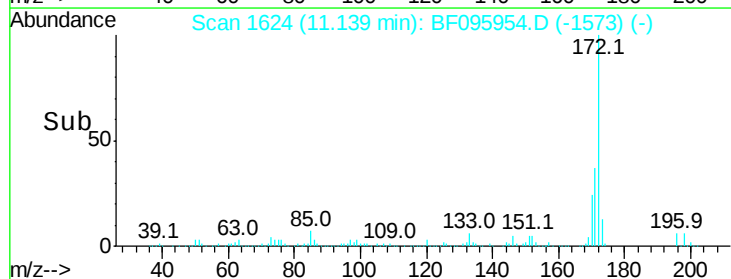
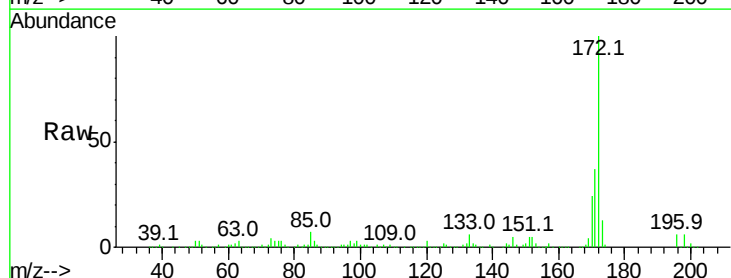
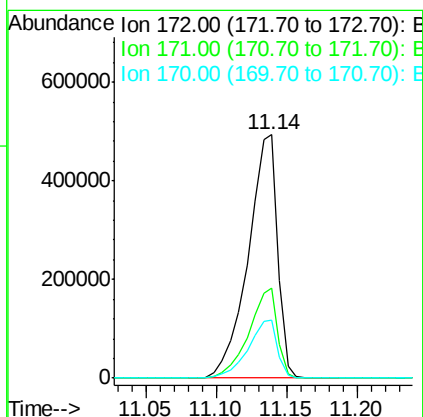
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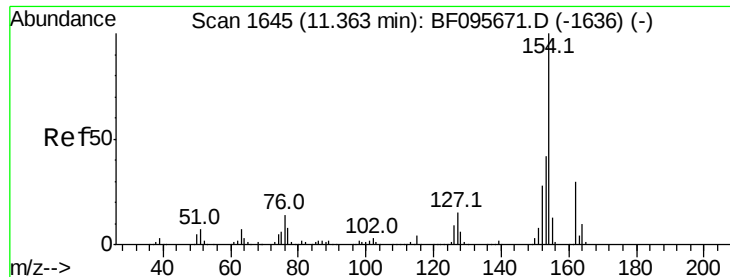
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#44
 2-Fluorobiphenyl
 Concen: 82.85 ng
 RT: 11.14 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	23.6	19.8	29.8





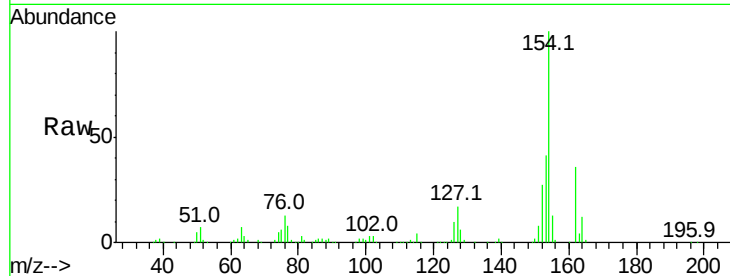
#45
 1,1'-Biphenyl
 Concen: 41.57 ng
 RT: 11.29 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

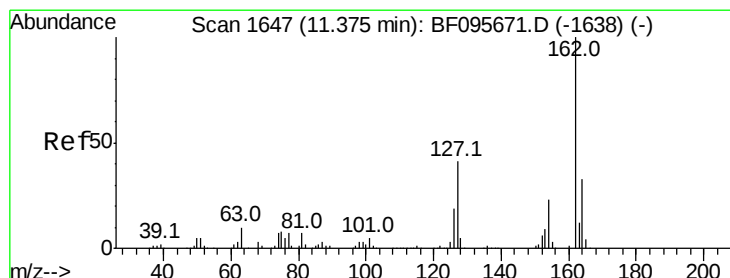
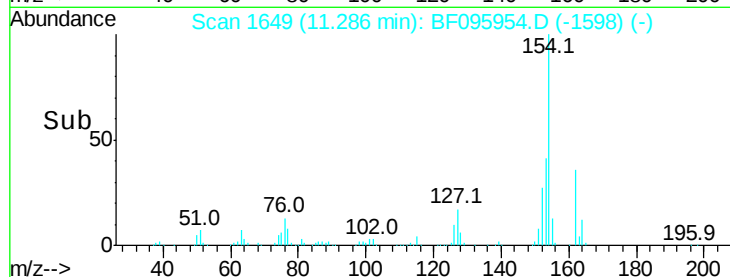
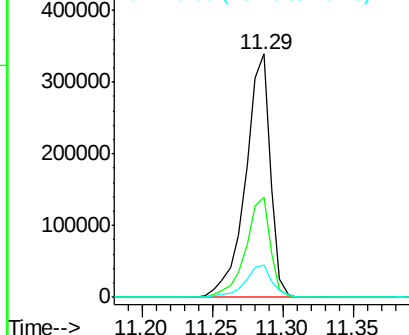
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	21.2	61.2	
76	13.1	0.0	29.9	

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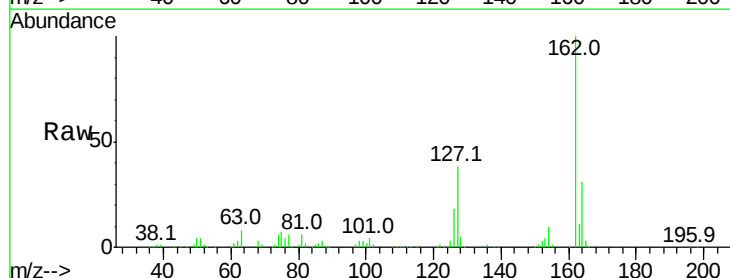


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

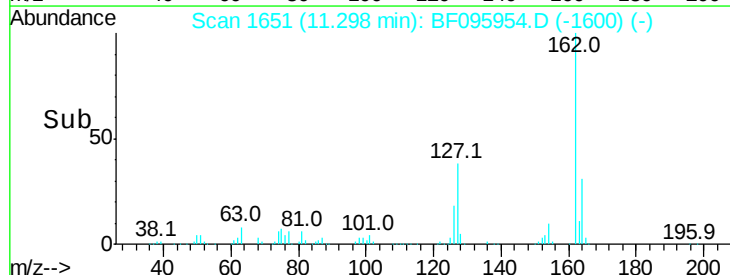
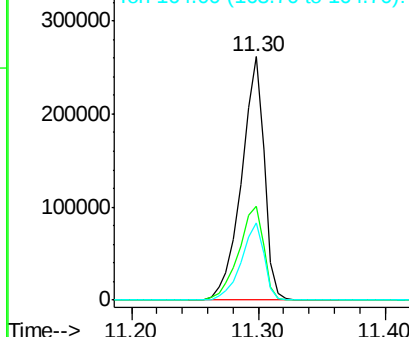


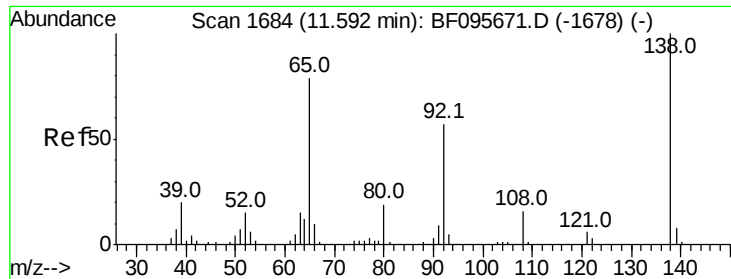
#46
 2-Chloronaphthalene
 Concen: 41.44 ng
 RT: 11.30 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.5	28.3	42.5	
164	31.5	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





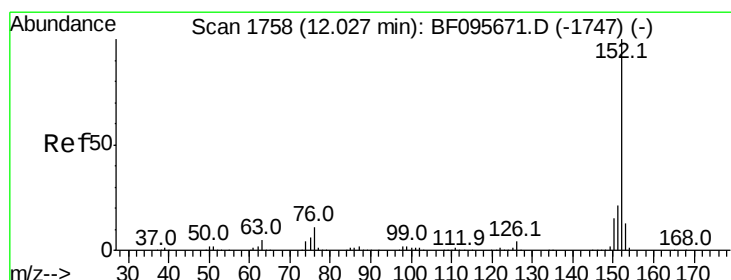
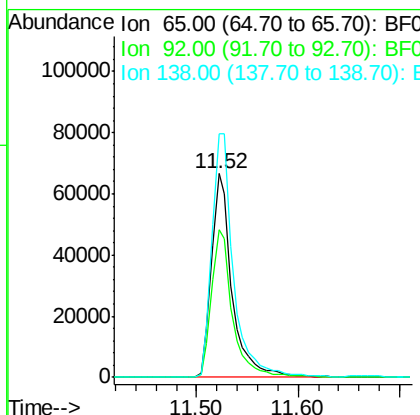
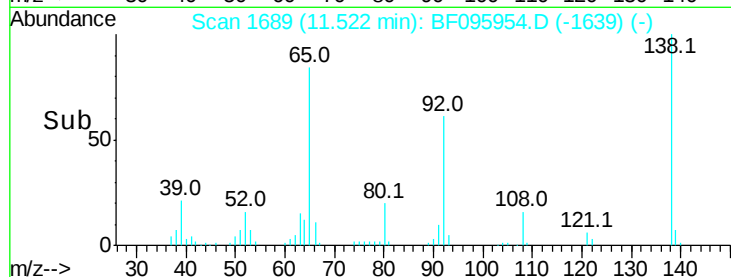
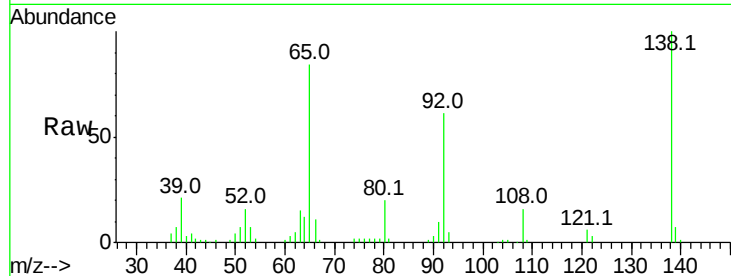
#47
 2-Nitroaniline
 Concen: 41.19 ng
 RT: 11.52 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleID :
 PB99843BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.4	53.9	80.9
138	119.4	78.8	118.2

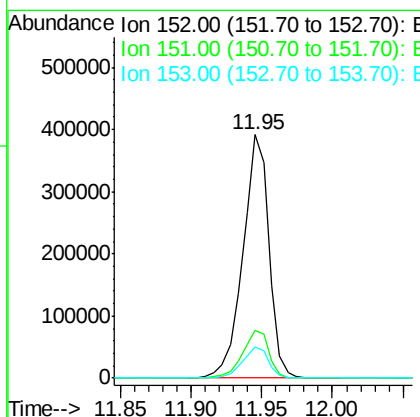
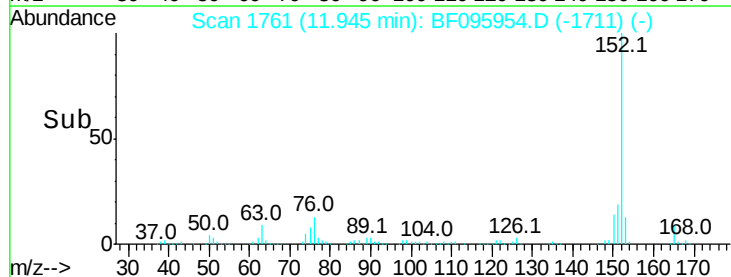
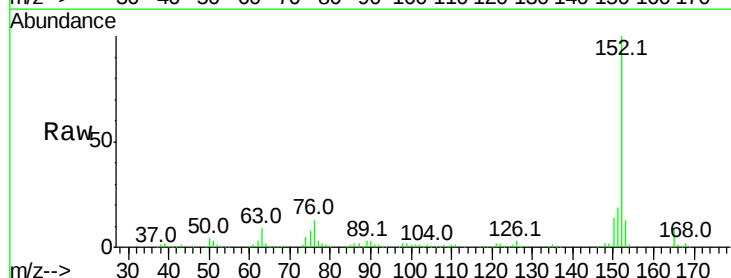
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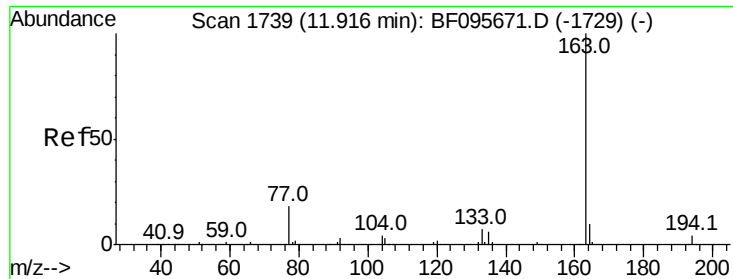
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#48
 Acenaphthylene
 Concen: 37.74 ng
 RT: 11.95 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	13.0	10.8	16.2





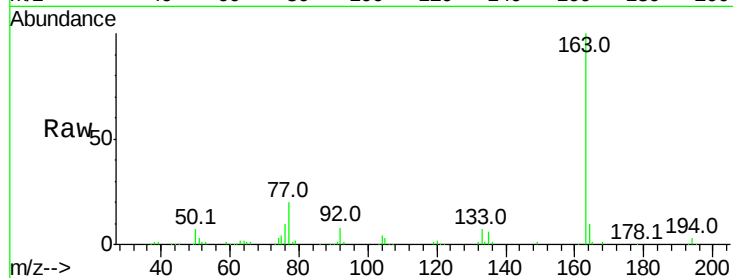
#49
Dimethylphthalate
Concen: 41.40 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

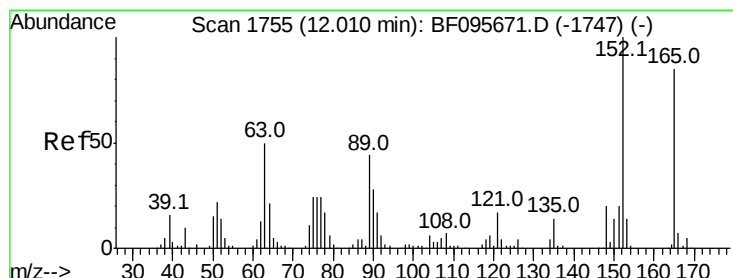
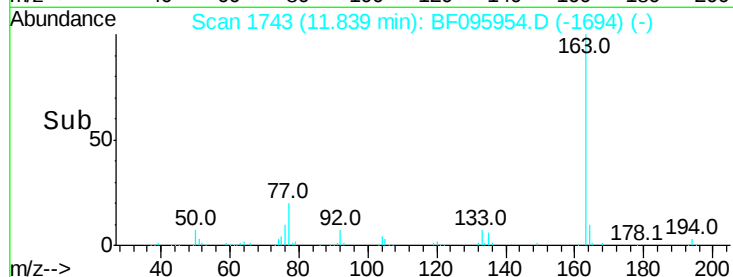
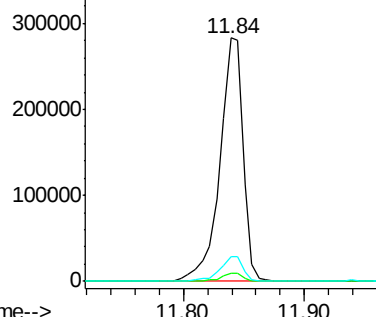
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.0	8.4	12.6	

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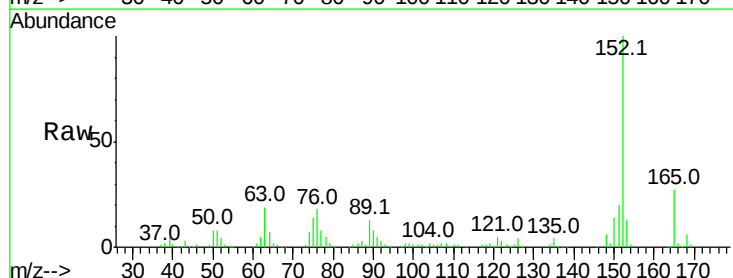


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

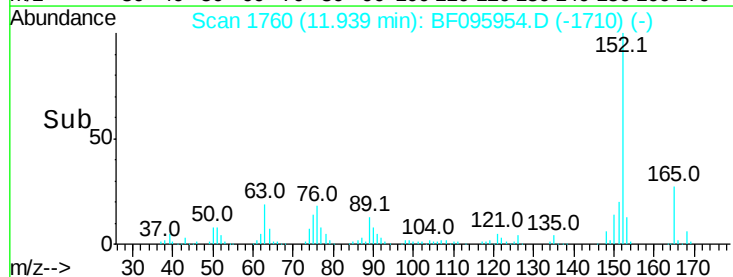
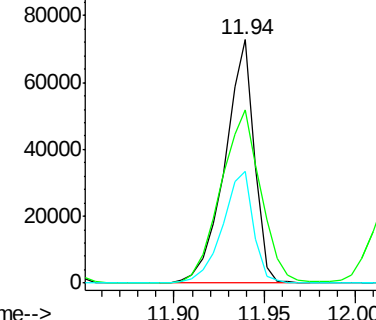


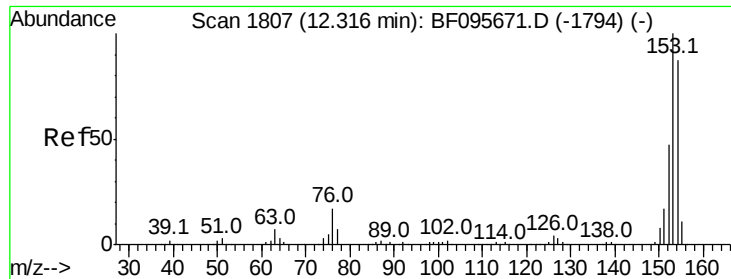
#50
2,6-Dinitrotoluene
Concen: 40.87 ng
RT: 11.94 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.2	34.3	51.5#	
89	45.9	37.1	55.7	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.89 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

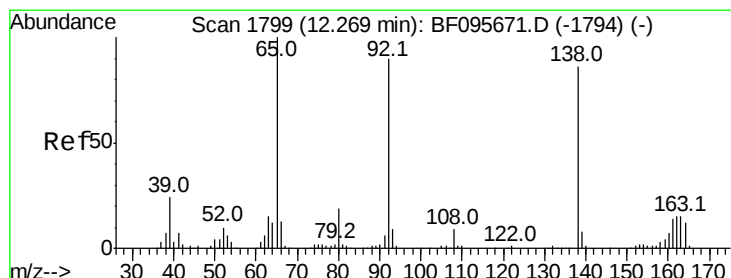
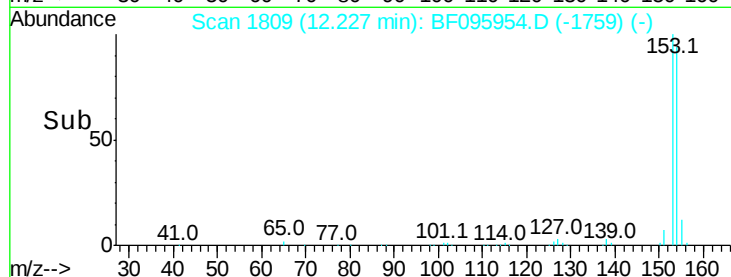
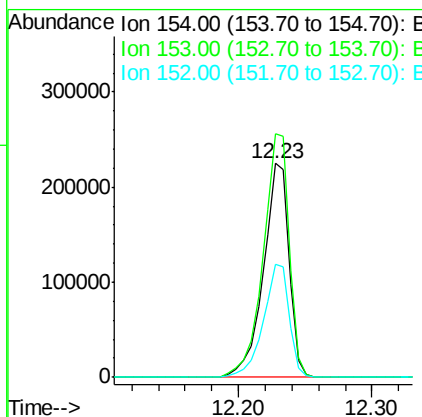
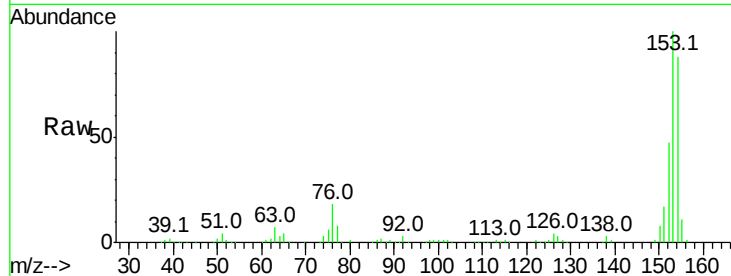
ClientSampleId :

PB99843BS

Tot Ion:	154	Resp:	300344
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.5	135.7
152	52.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 24.49 ng

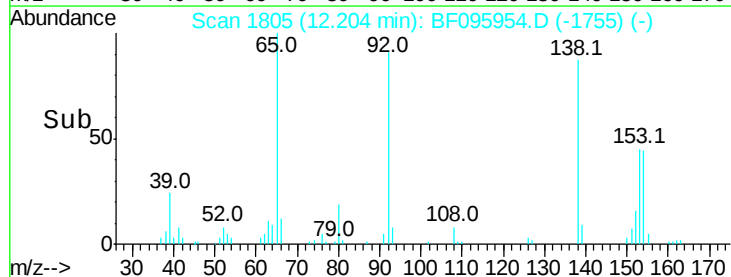
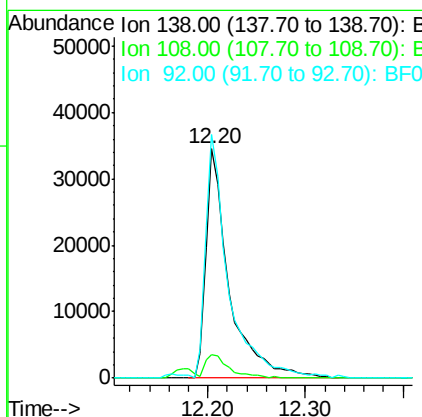
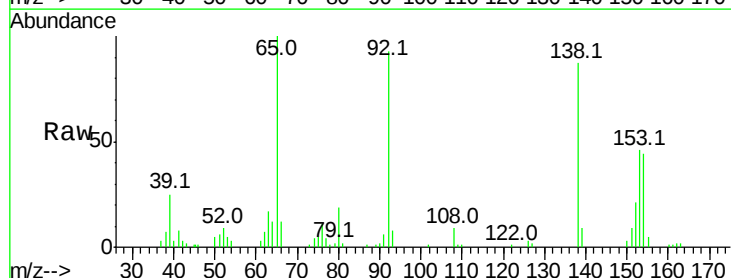
RT: 12.20 min Scan# 1805

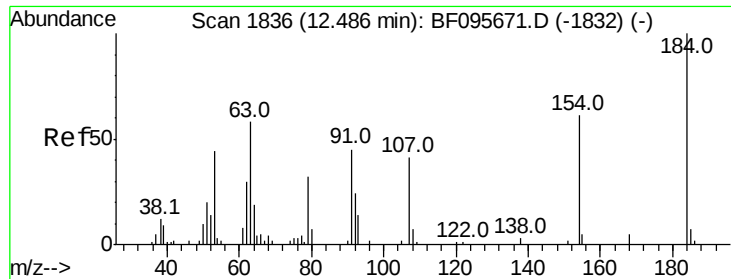
Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Tgt Ion:	138	Resp:	57388
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.1	13.7
92	106.2	93.8	140.6





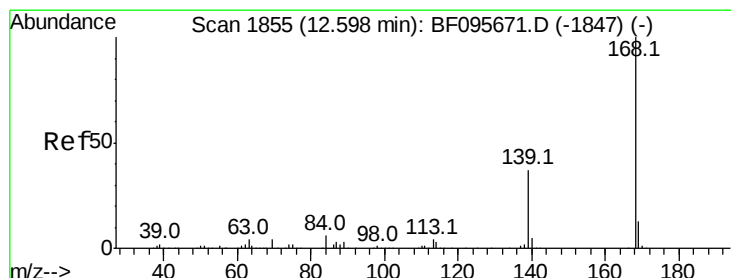
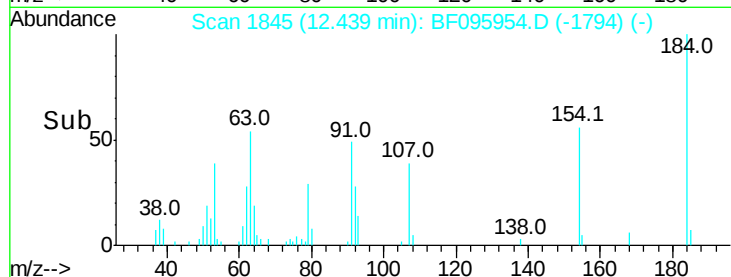
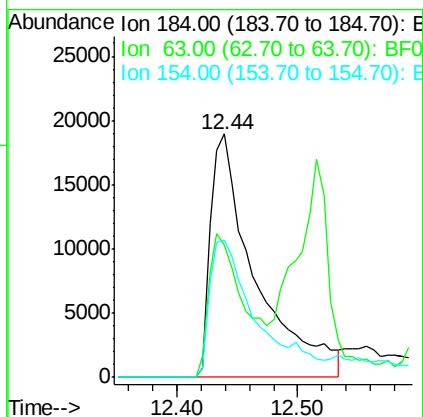
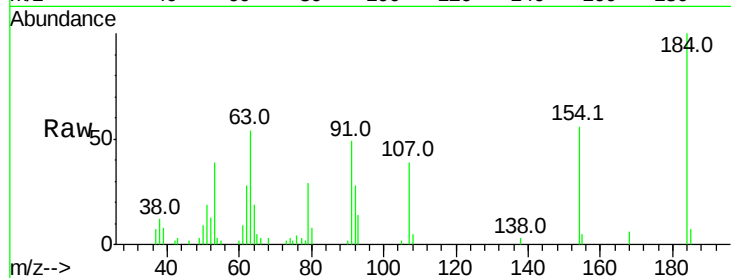
#53
 2,4-Dinitrophenol
 Concen: 45.57 ng
 RT: 12.44 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampled :
 PB99843BS

Tot Ion:184 Resp: 48439
 Ion Ratio Lower Upper
 184 100
 63 54.4 62.7 94.1#
 154 56.4 81.1 121.7#

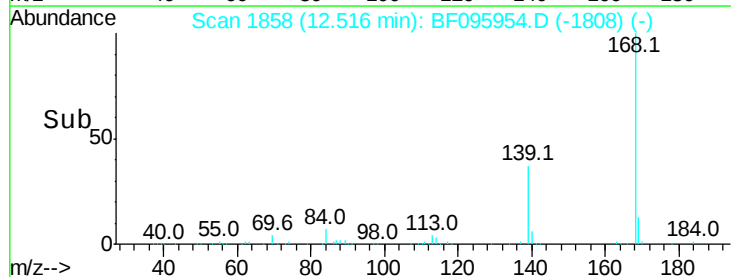
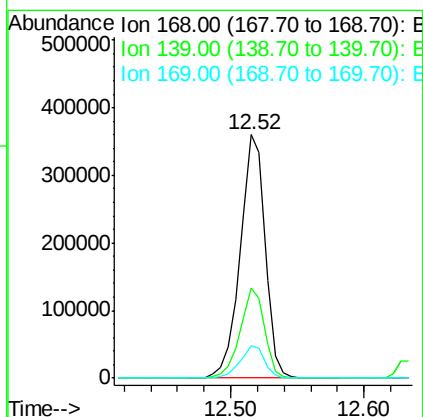
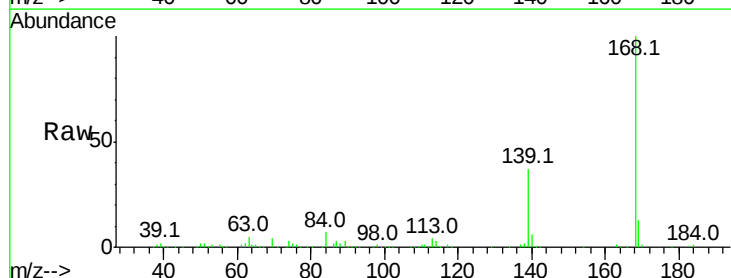
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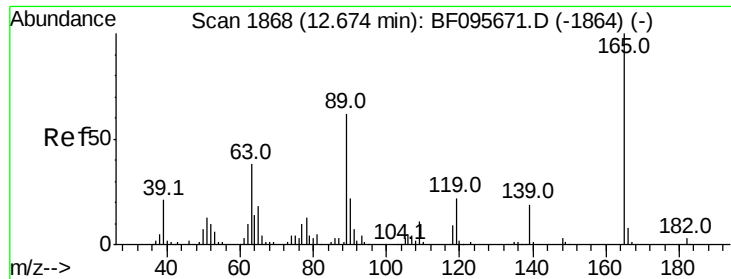
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#54
 Dibenzofuran
 Concen: 42.54 ng
 RT: 12.52 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion:168 Resp: 462323
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 13.1 10.8 16.2





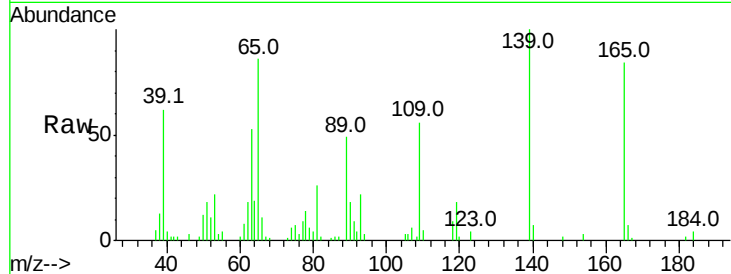
#55
4-Nitrophenol
Concen: 69.95 ng
RT: 12.63 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleID :
PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.5	34.1	74.1	
65	85.5	31.4	71.4	

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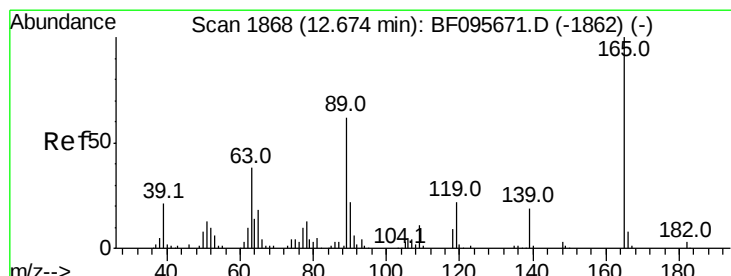
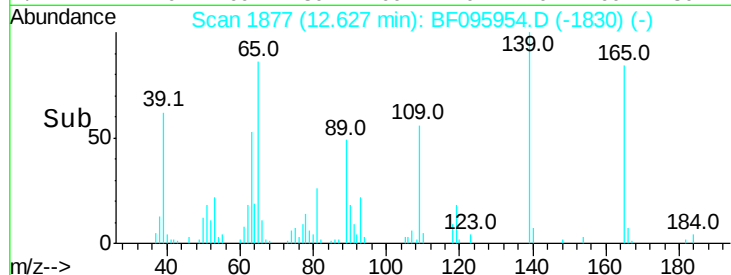
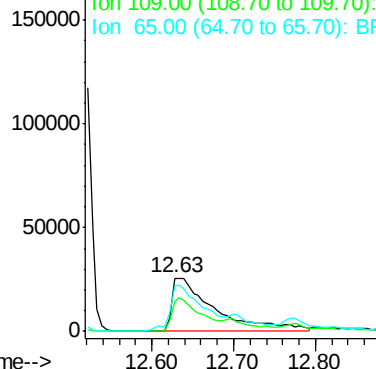


Abundance

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: 42.74 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.5	25.4	38.0	
89	60.5	46.4	69.6	
182	2.4	1.8	2.6	

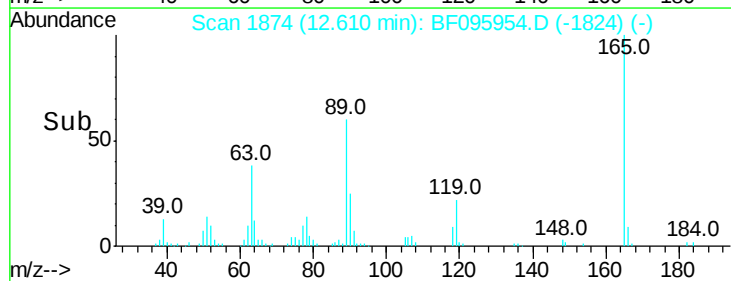
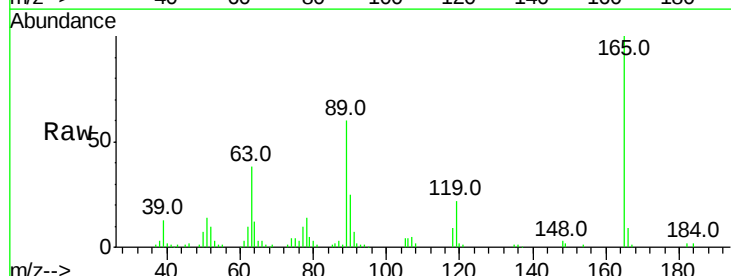
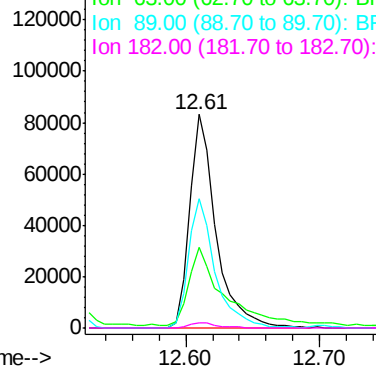
Abundance

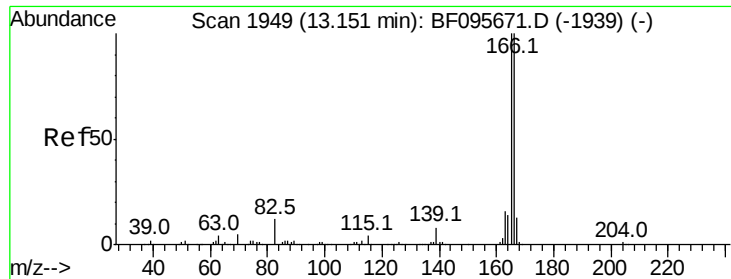
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





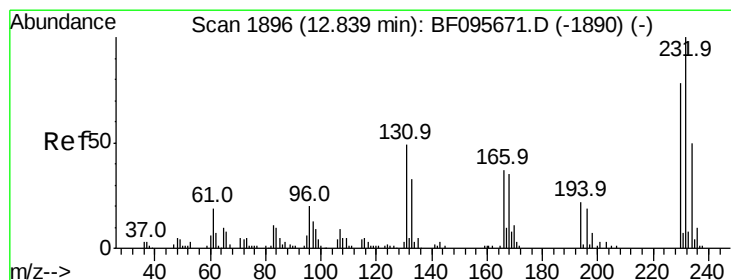
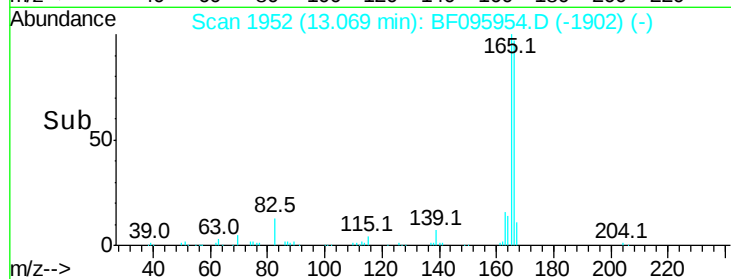
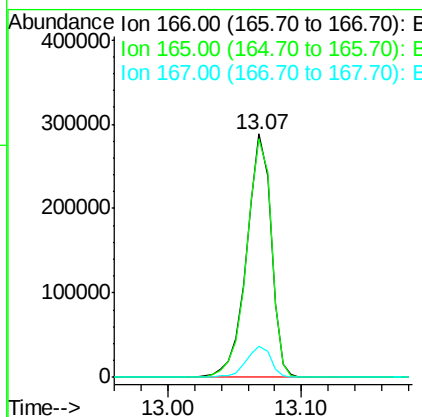
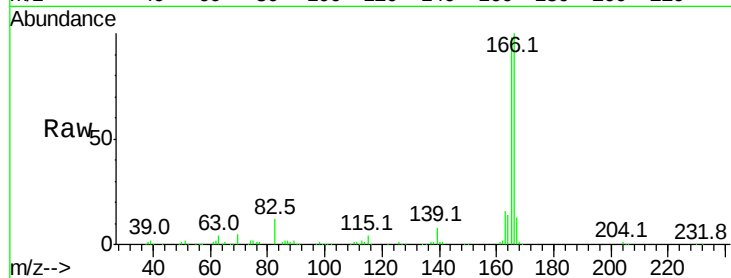
#57
 Fluorene
 Concen: 38.48 ng
 RT: 13.07 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	78.8	118.2	
167	12.7	10.6	16.0	

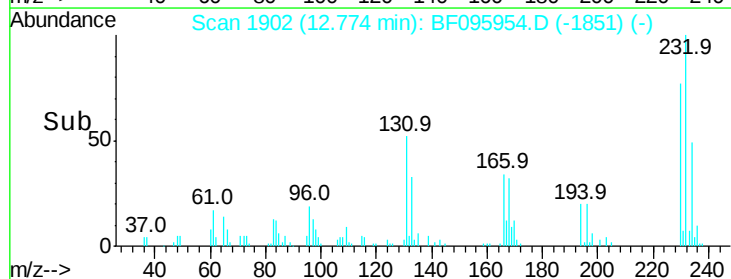
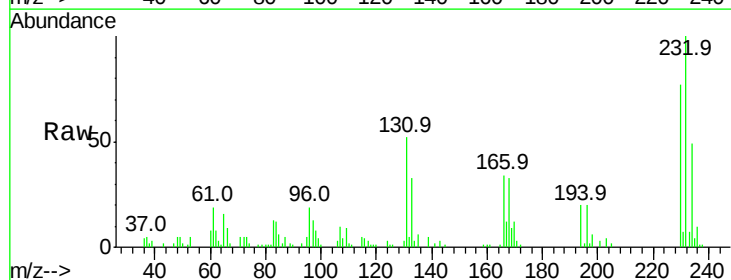
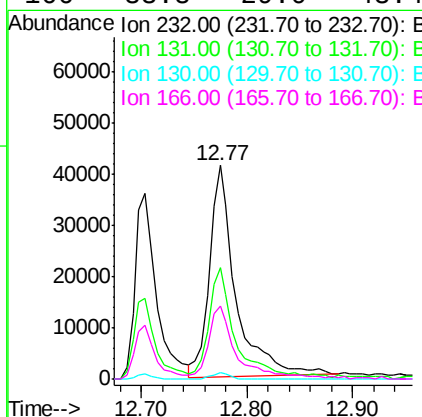
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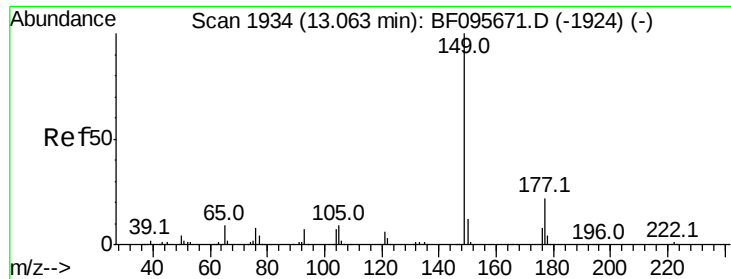
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.63 ng
 RT: 12.77 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.6	44.8	67.2	
130	1.9	2.3	3.5	
166	33.8	29.0	43.4	





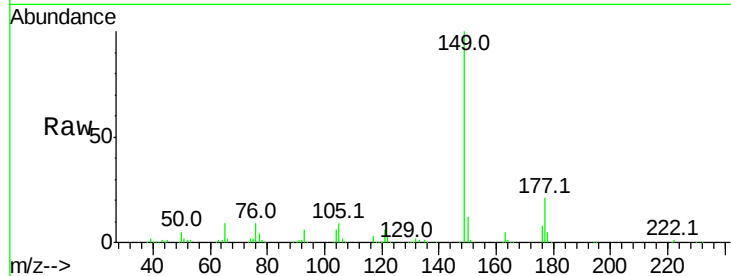
#59
Diethylphthalate
Concen: 41.31 ng
RT: 12.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

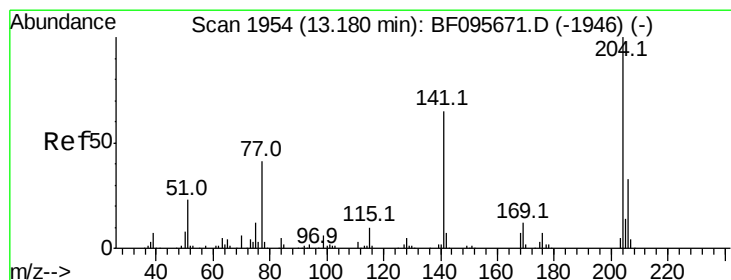
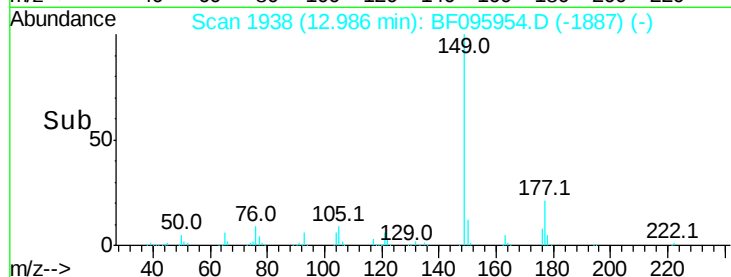
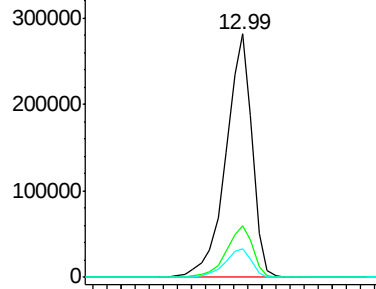
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	11.7	10.2	15.2

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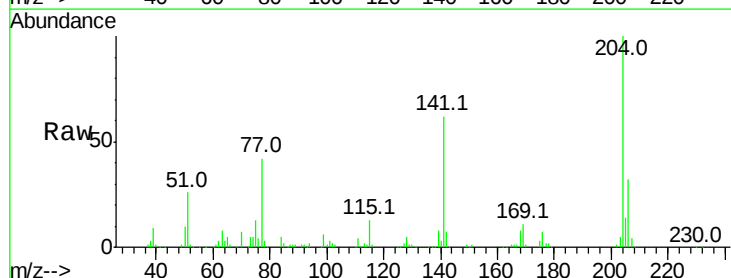


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

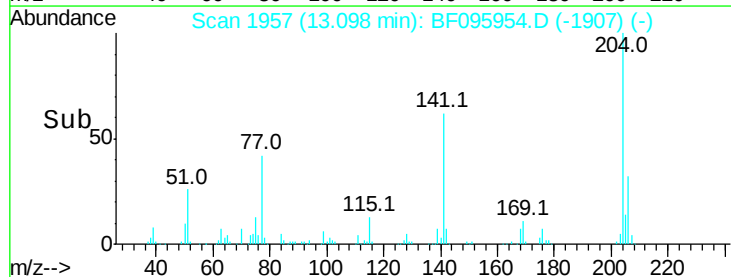
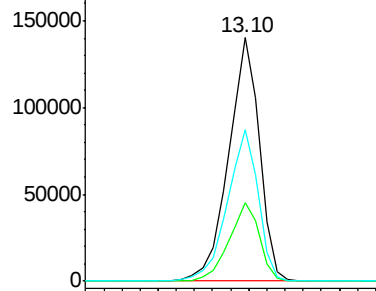


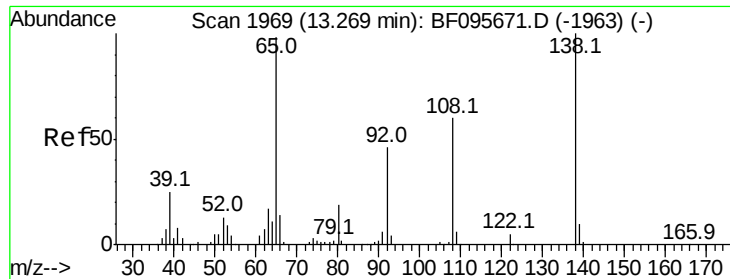
#60
4-Chlorophenyl-phenylether
Concen: 40.17 ng
RT: 13.10 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	62.4	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





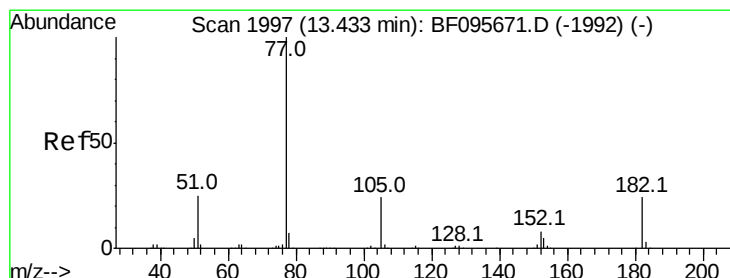
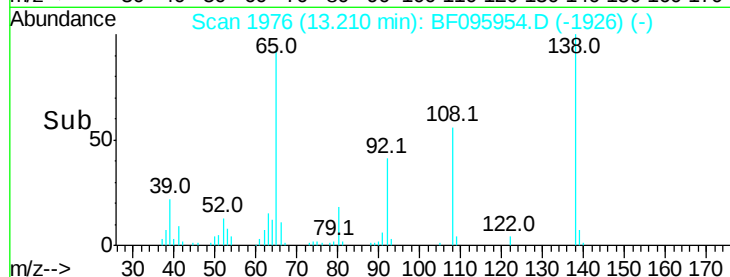
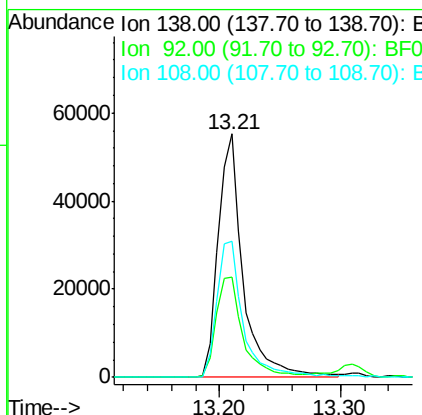
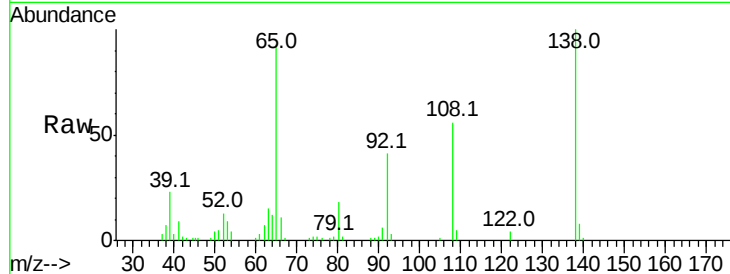
#61
4-Nitroaniline
Concen: 35.90 ng
RT: 13.21 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.2	21.8	61.8
108	55.9	42.3	82.3

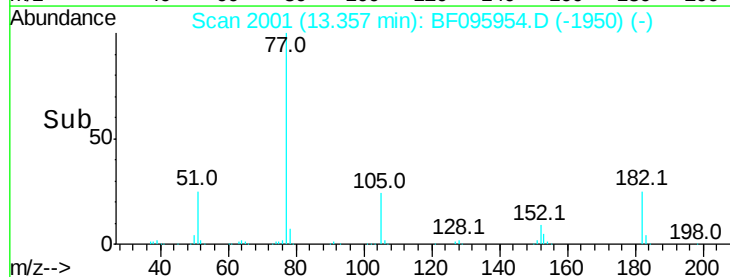
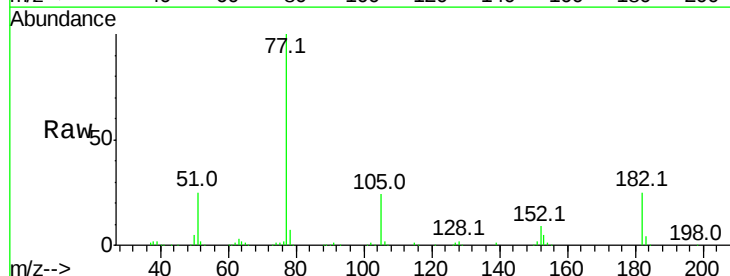
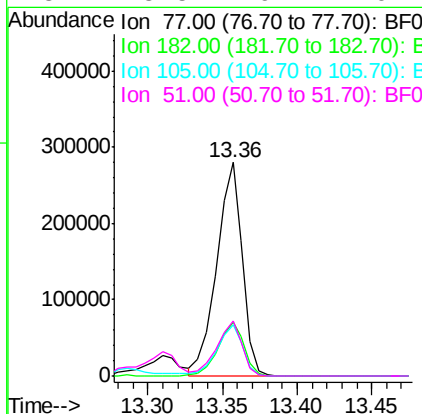
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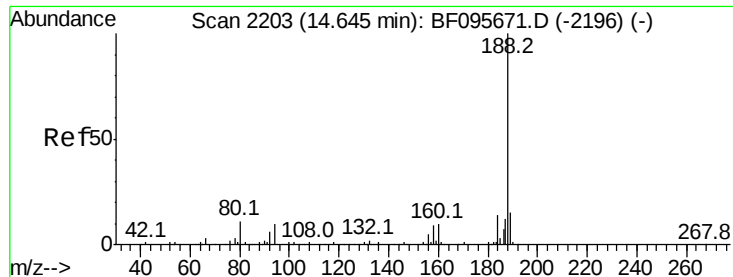
mohammad
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#62
Azobenzene
Concen: 41.93 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	0.1	40.1
105	24.1	3.6	43.6
51	25.5	9.4	49.4





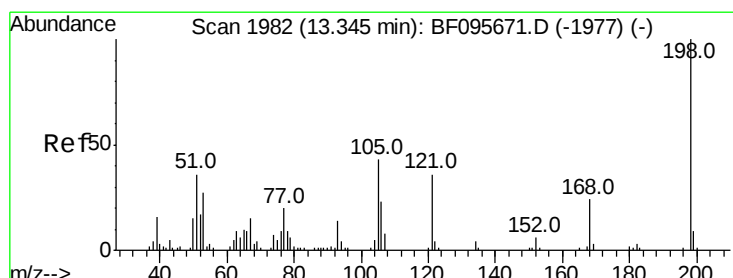
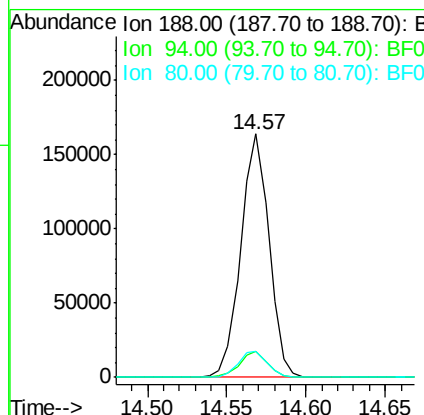
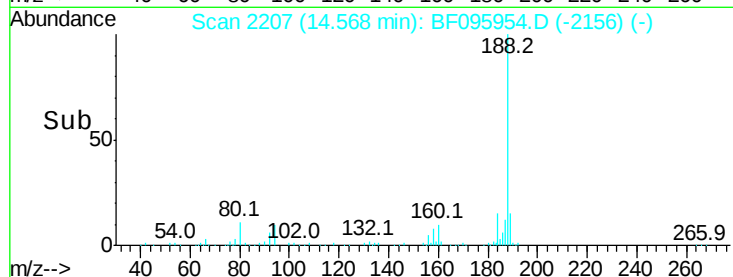
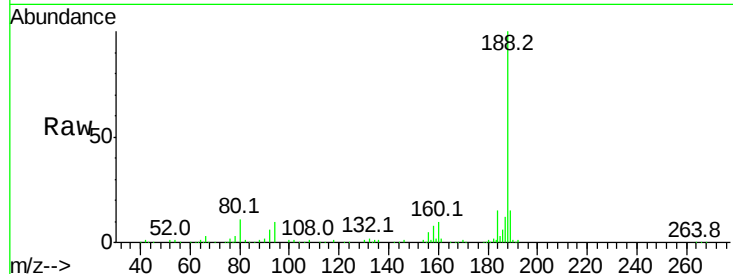
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	9.4	14.2
80	10.9	10.2	15.2

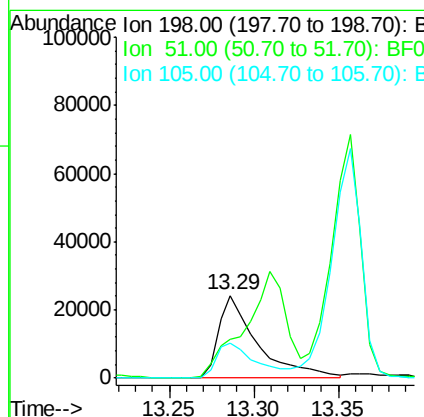
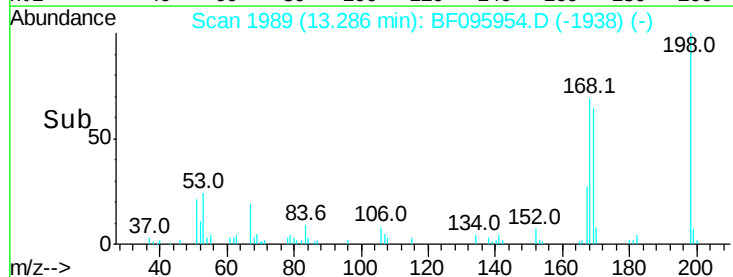
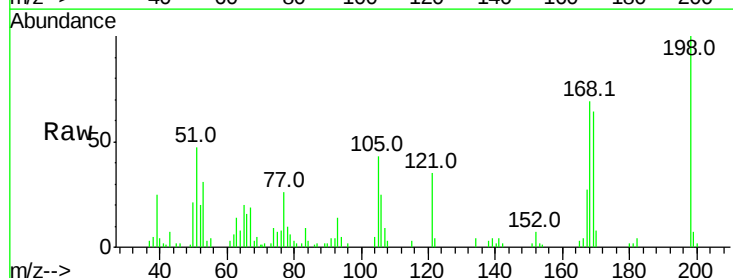
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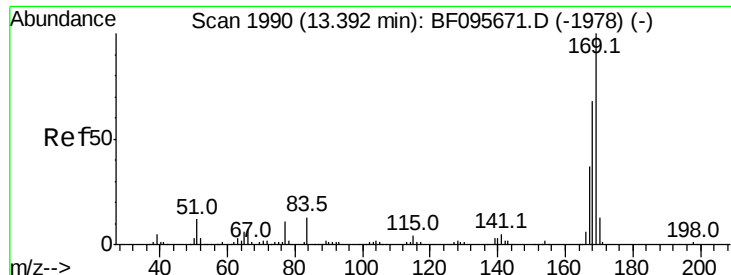
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.37 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	46.6	53.2	93.2#
105	43.2	45.8	85.8#





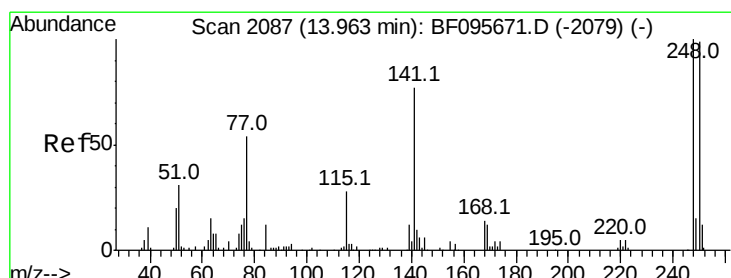
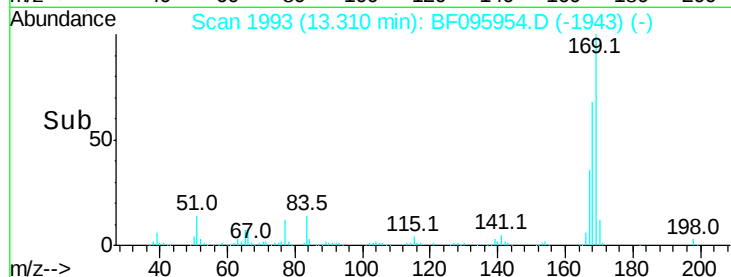
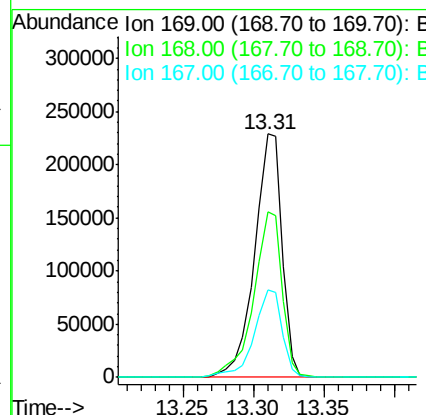
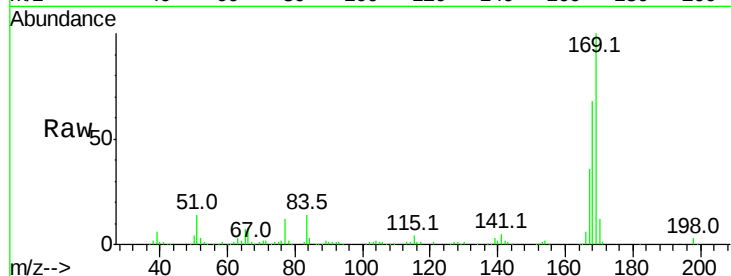
#65
n-Nitrosodiphenylamine
Concen: 43.31 ng
RT: 13.31 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.9	53.2	79.8	
167	36.1	29.5	44.3	

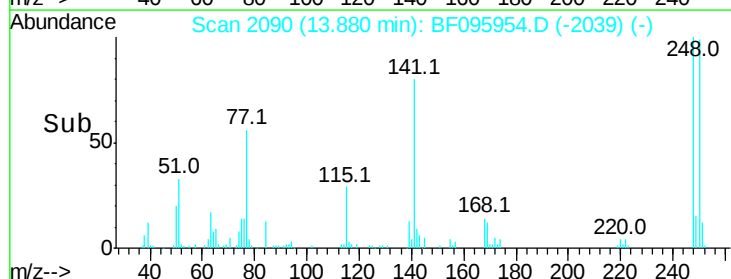
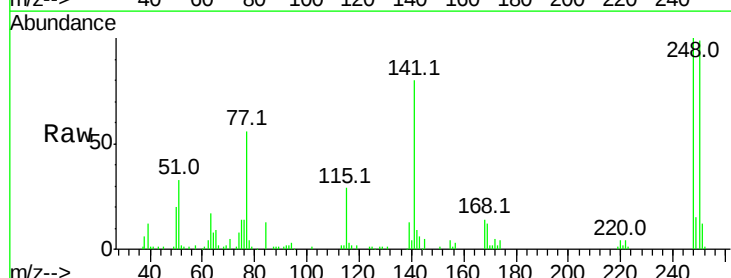
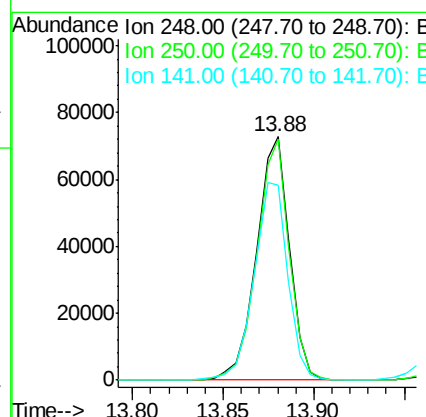
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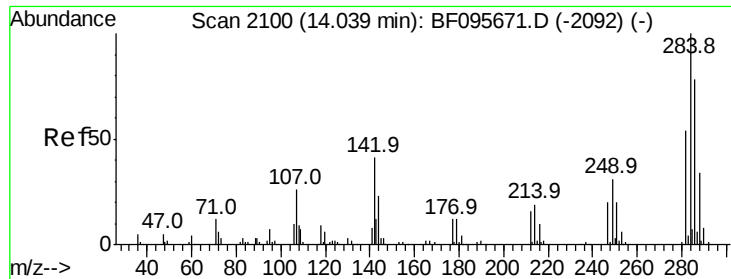
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#66
4-Bromophenyl-phenylether
Concen: 43.45 ng
RT: 13.88 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.8	76.8	115.2	
141	80.2	68.6	103.0	





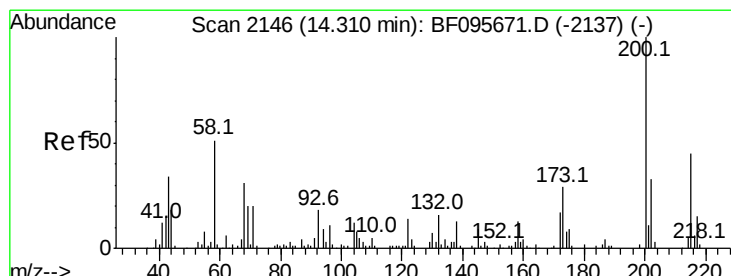
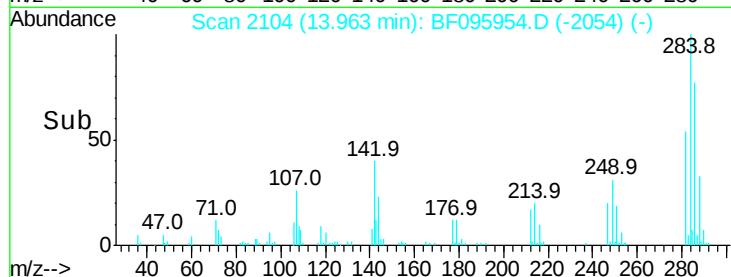
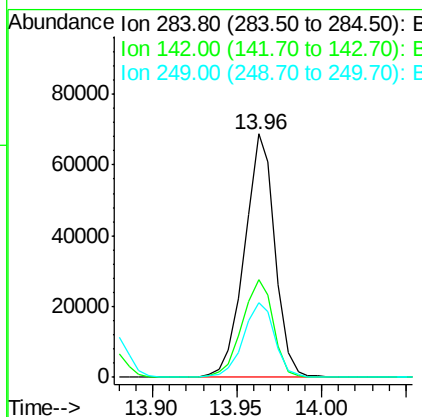
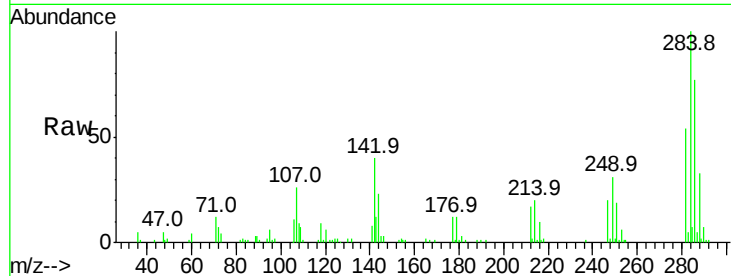
#67
Hexachlorobenzene
Concen: 41.57 ng
RT: 13.96 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.9	22.8	34.2	
249	30.8	24.0	36.0	

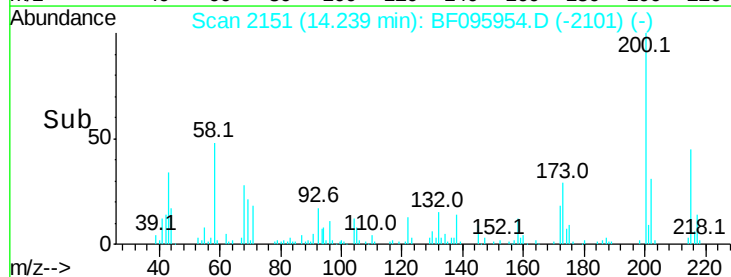
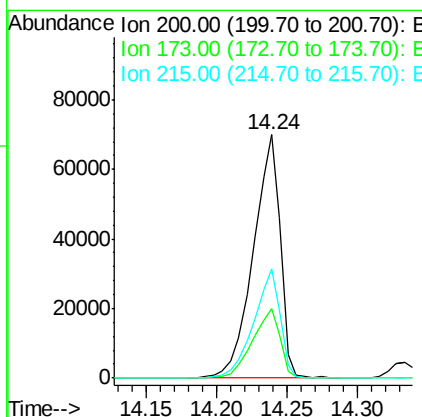
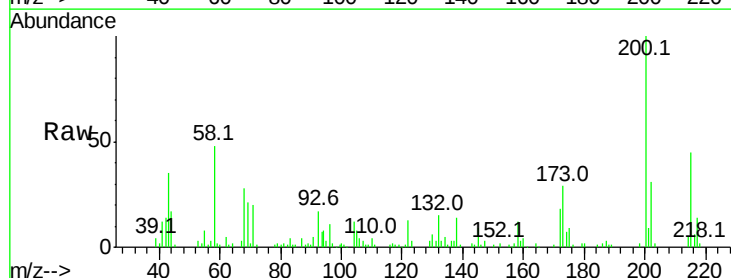
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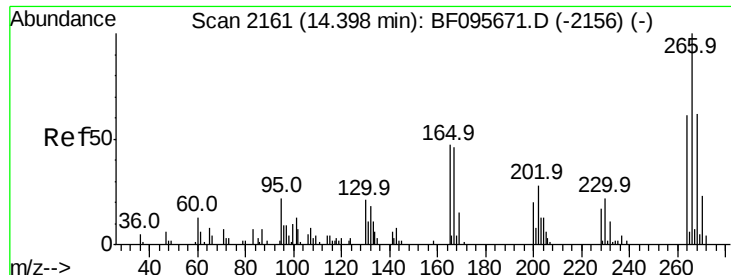
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#68
Atrazine
Concen: 46.47 ng
RT: 14.24 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.6	6.3	46.3	
215	44.6	27.2	67.2	





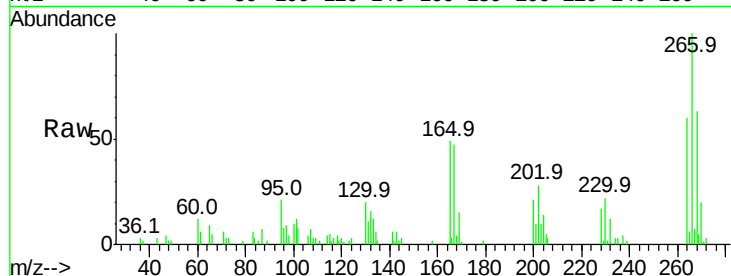
#69
 Pentachlorophenol
 Concen: 59.08 ng
 RT: 14.33 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	44979		
268	63.1		51.1	76.7
264	59.8		51.7	77.5

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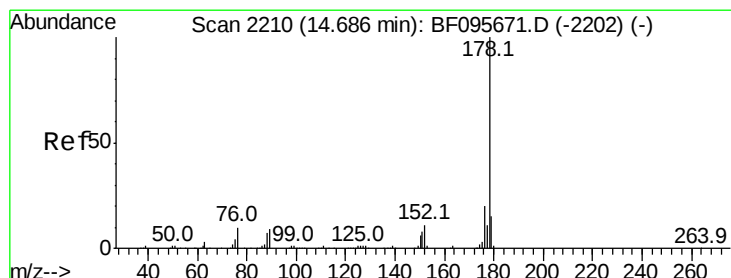
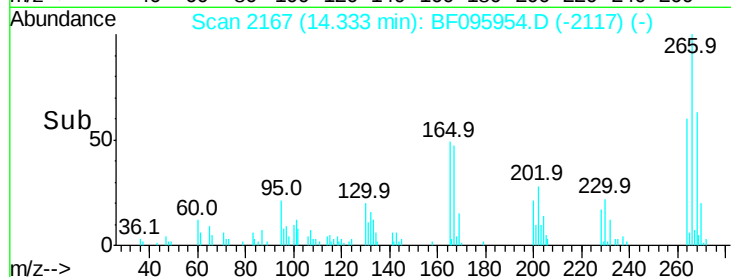
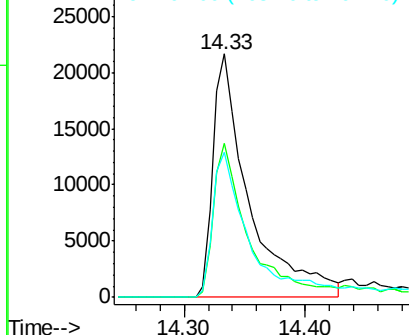


Abundance

Ion 265.70 (265.40 to 266.40): E

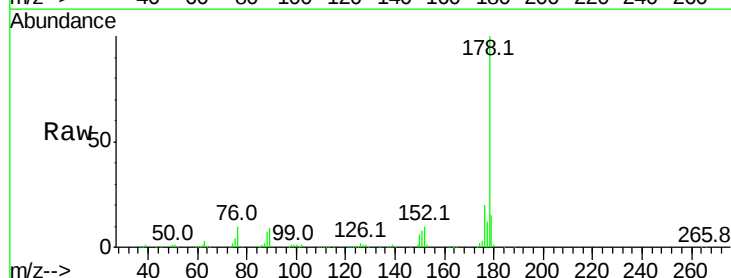
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.73 ng
 RT: 14.61 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	475913		
176	20.0		16.2	24.4
179	14.7		12.6	19.0

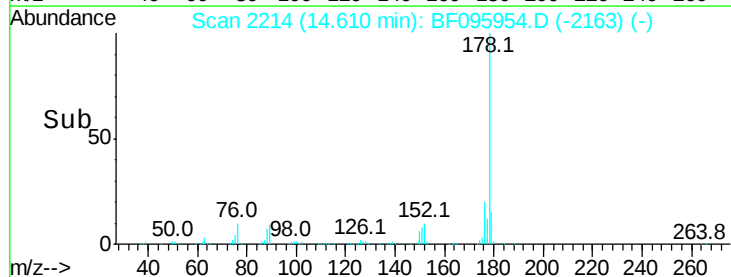
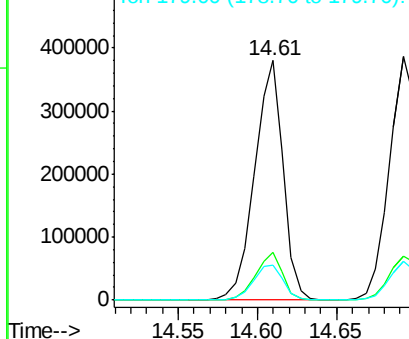


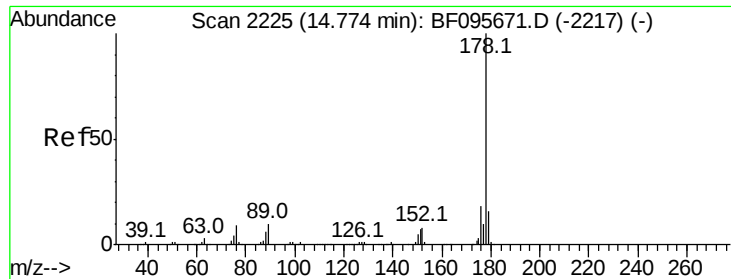
Abundance

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: 40.27 ng

RT: 14.69 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

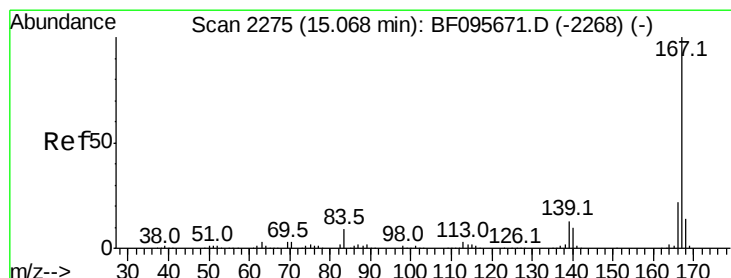
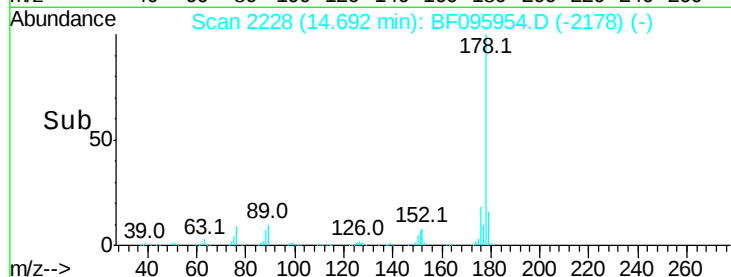
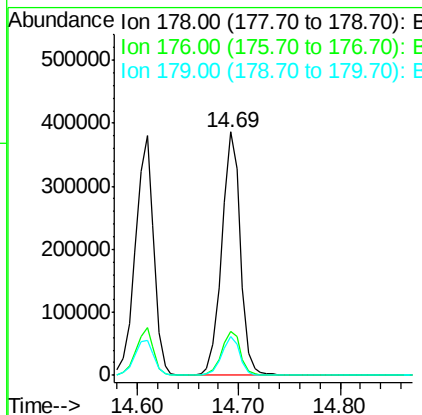
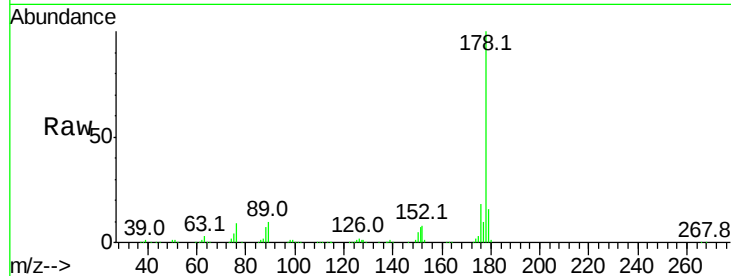
ClientSampled :

PB99843BS

Tot Ion:	178	Resp:	491226
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.8	23.8
179	15.7	12.7	19.1

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#72

Carbazole

Concen: 36.60 ng

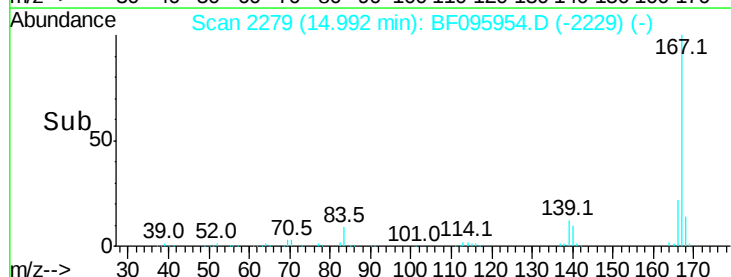
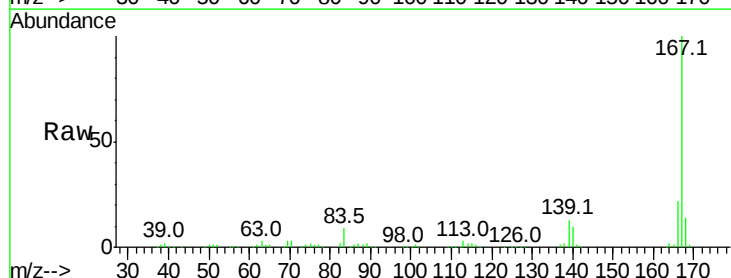
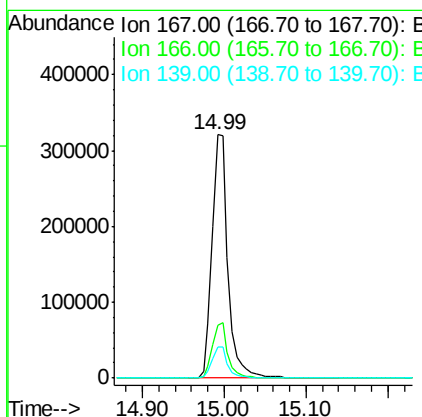
RT: 14.99 min Scan# 2279

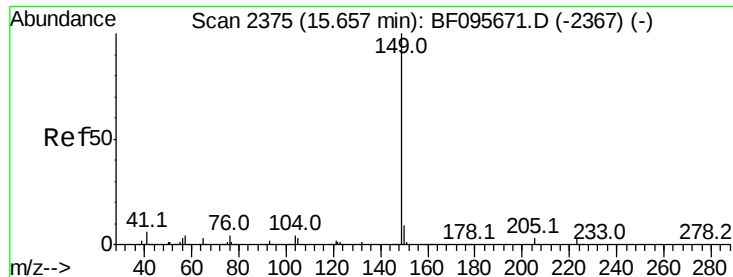
Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Tgt Ion:	167	Resp:	435128
Ion Ratio	Lower	Upper	
167	100		
166	22.0	18.1	27.1
139	12.8	11.7	17.5





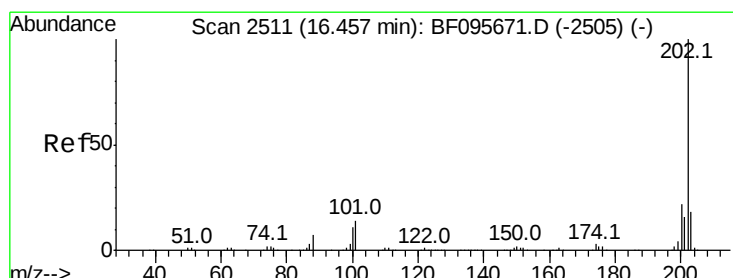
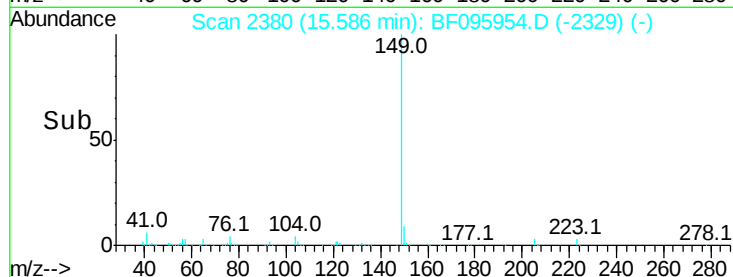
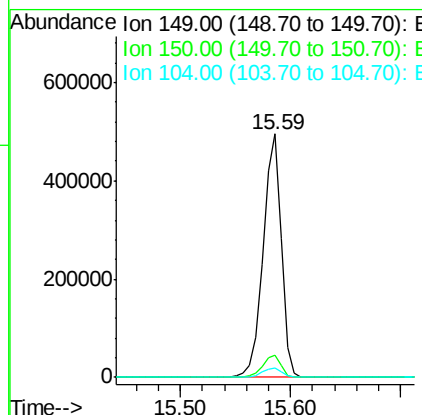
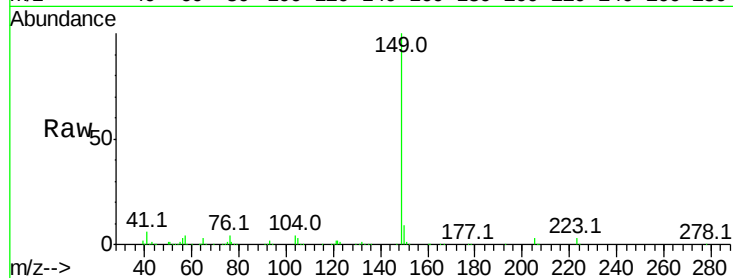
#73
Di-n-butylphthalate
Concen: 45.22 ng
RT: 15.59 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

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

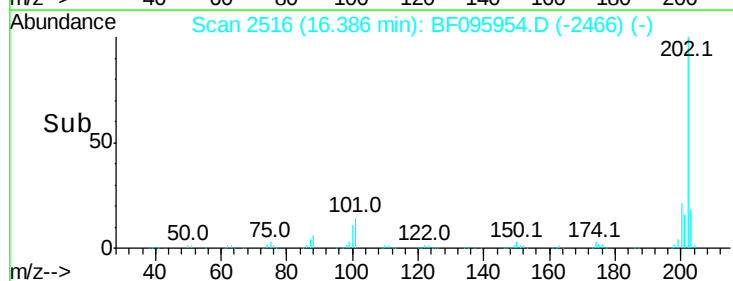
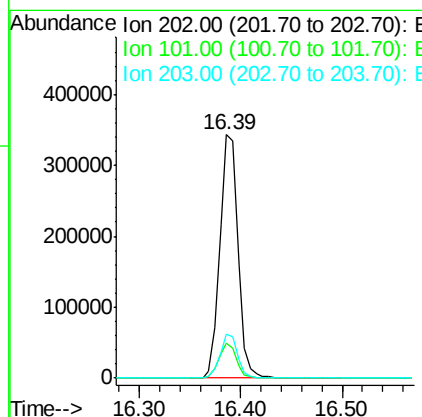
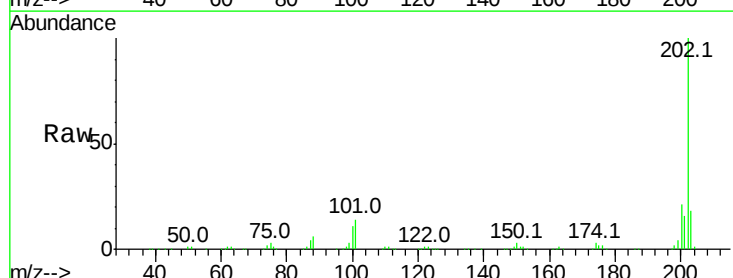
Manual Integrations
APPROVED

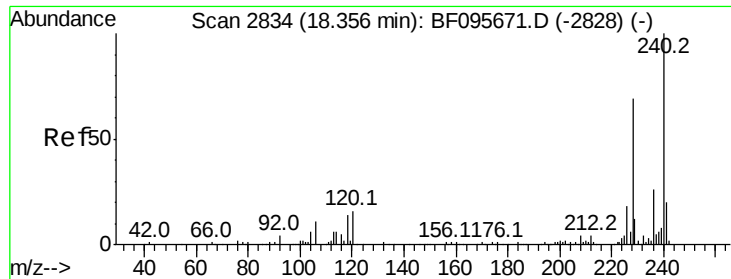
mohammad
6/19/2017 3:46:50 PM



#74
Fluoranthene
Concen: 36.78 ng
RT: 16.39 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	0.0	33.2
203	18.1	0.0	38.1





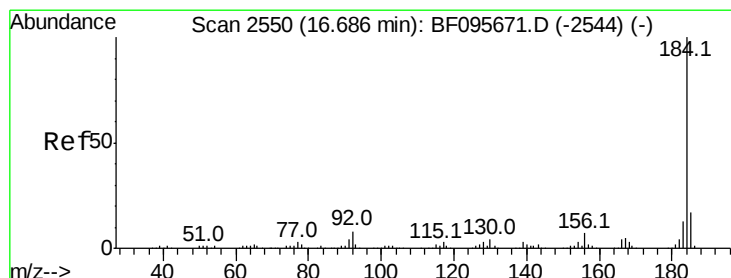
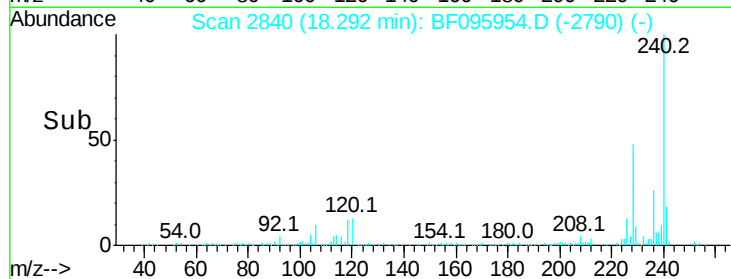
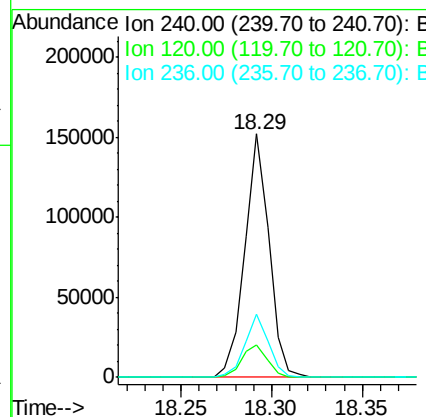
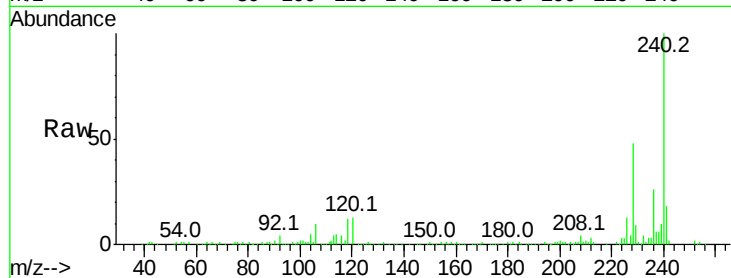
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	25.8	20.5	30.7

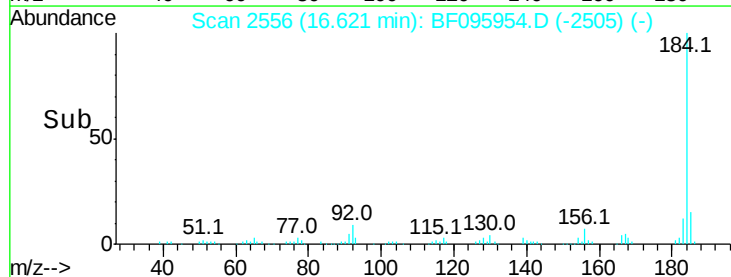
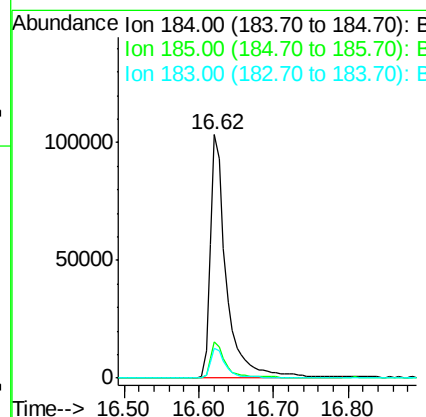
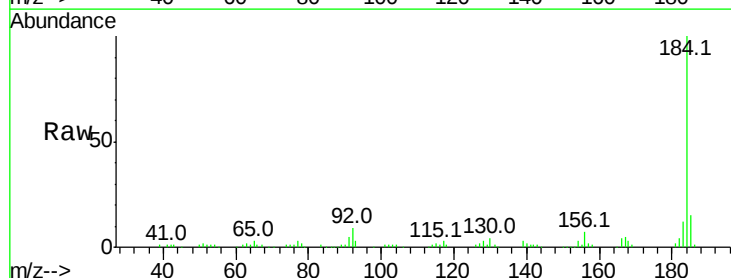
Manual Integrations
APPROVED

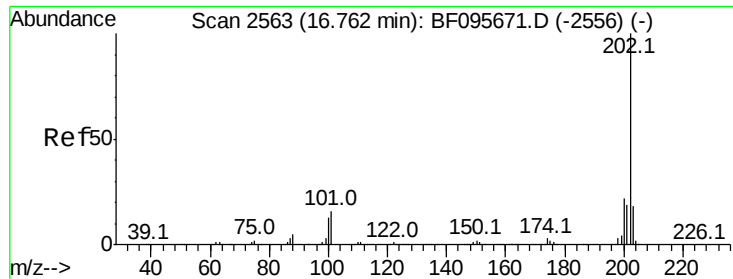
mohammad
6/19/2017 3:46:50 PM



#76
Benzidine
Concen: 28.84 ng
RT: 16.62 min Scan# 2556
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	15.5	23.3#
183	12.0	9.8	14.6





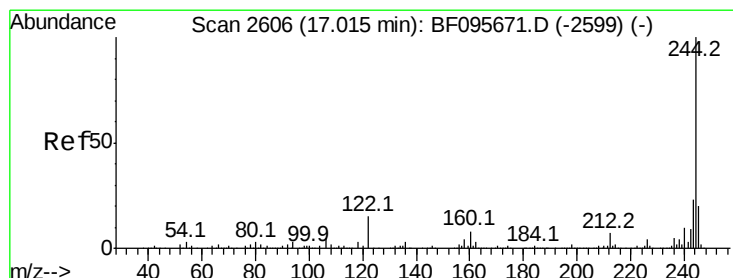
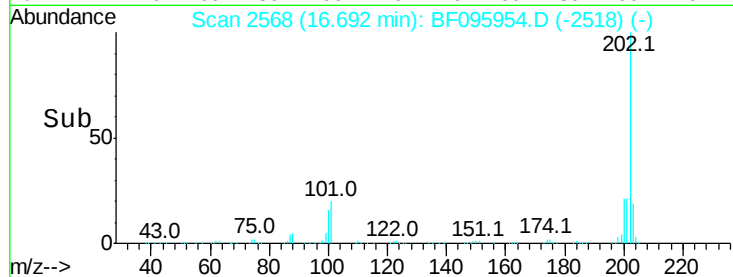
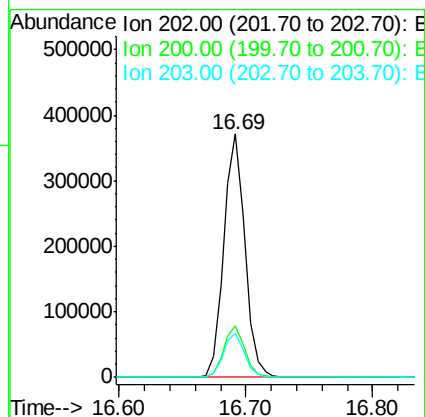
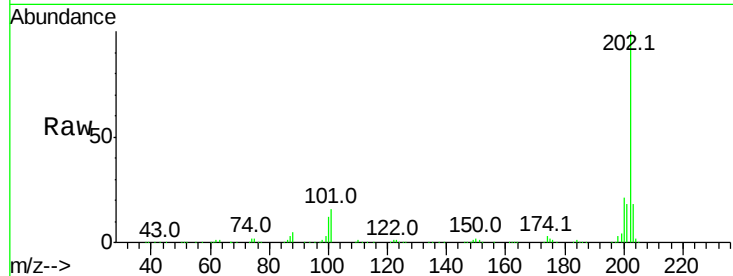
#77
Pvrene
Concen: 40.64 ng
RT: 16.69 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampled :
PB99843BS

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

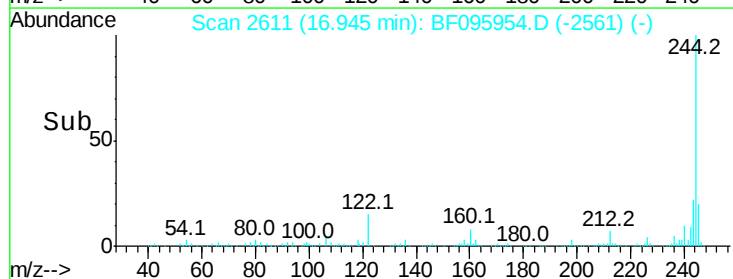
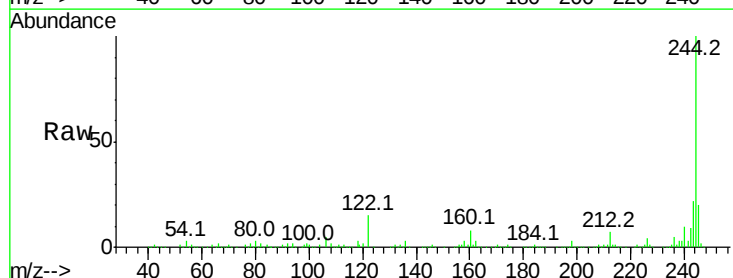
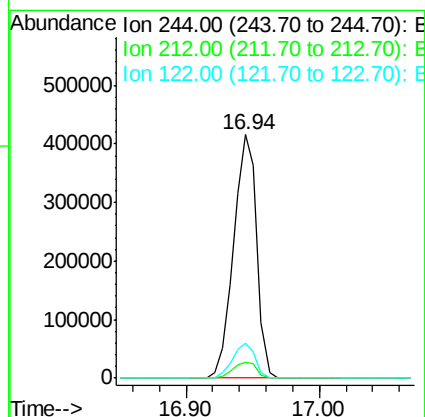
Manual Integrations
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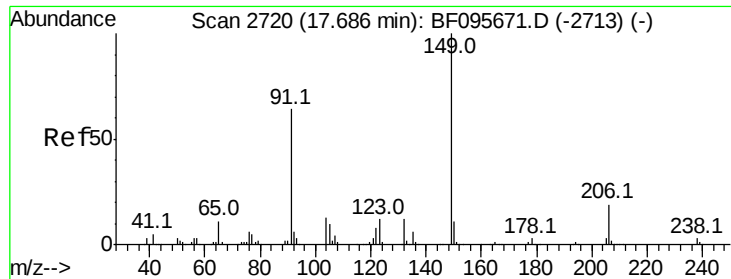
mohammad
6/19/2017 3:46:50 PM



#78
Terphenyl-d14
Concen: 88.09 ng
RT: 16.94 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.6	10.3	15.5





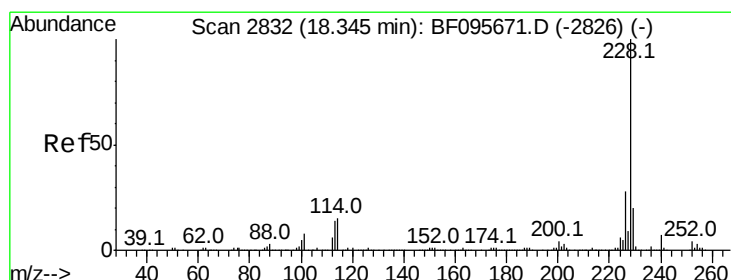
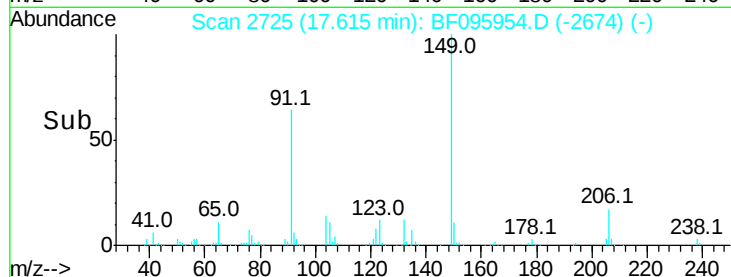
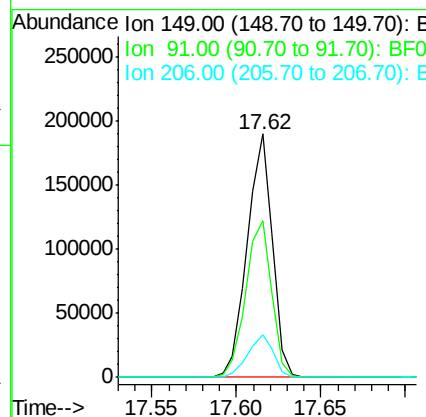
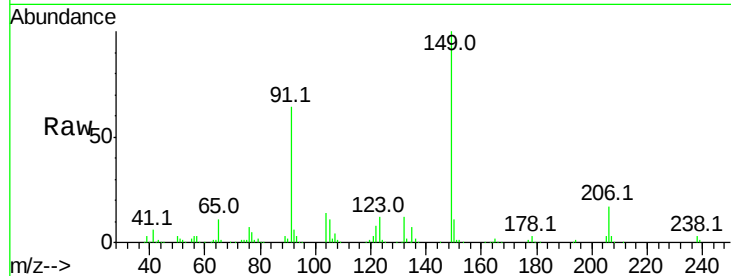
#79
Butylbenzylphthalate
Concen: 42.86 ng
RT: 17.62 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleID :
PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	197946		
91	64.5	45.0	67.4	
206	17.5	17.0	25.6	

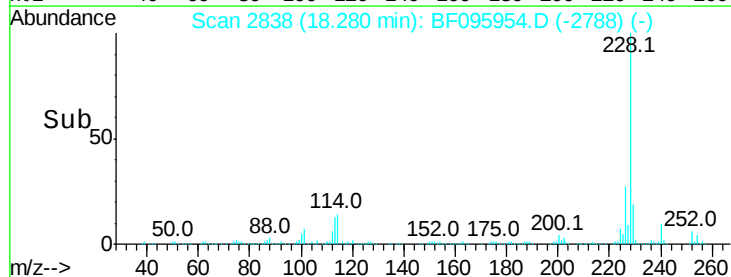
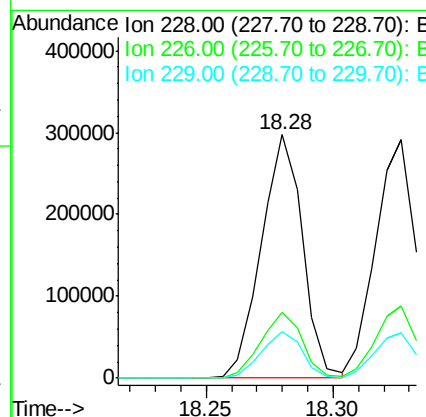
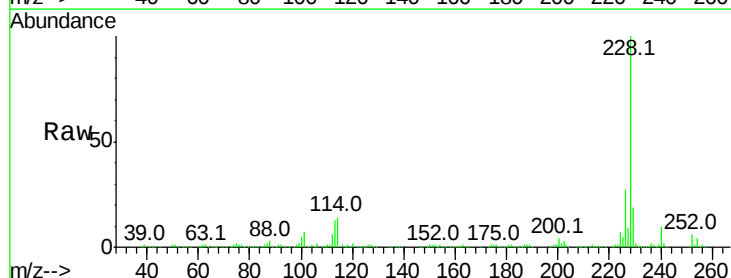
Manual Integrations
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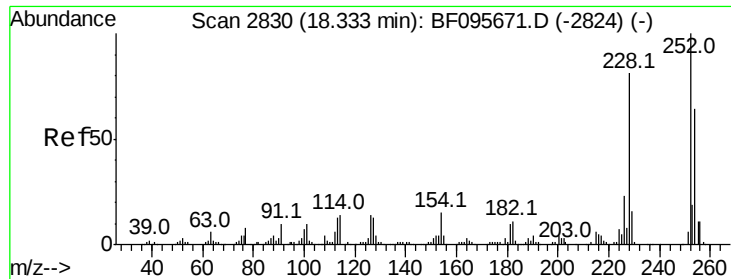
mohammad
6/19/2017 3:46:50 PM



#80
Benzo(a)anthracene
Concen: 41.04 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	338102		
226	27.2	22.6	33.8	
229	18.9	16.3	24.5	





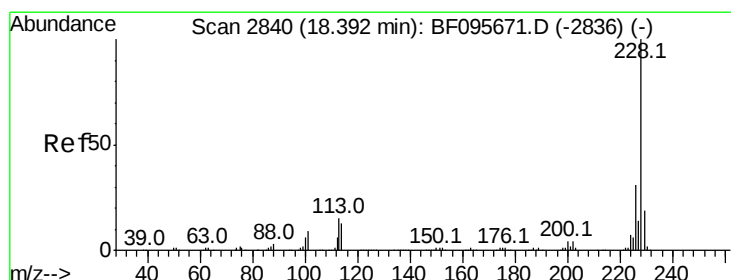
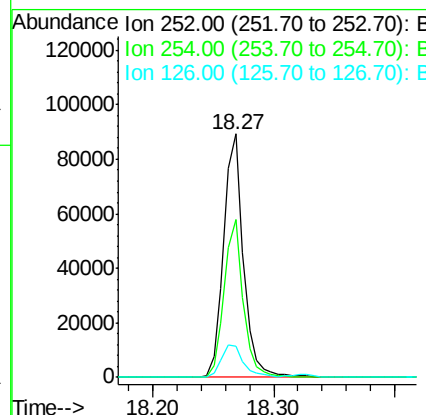
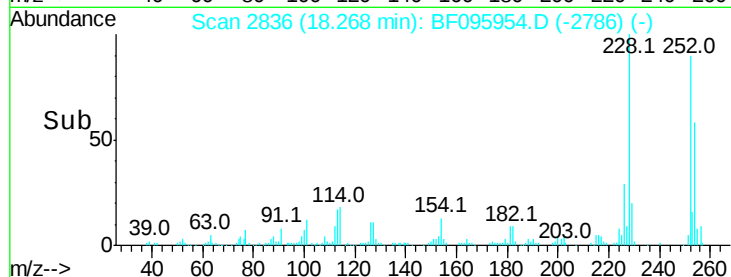
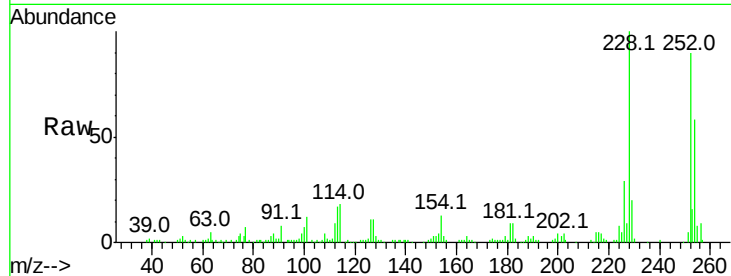
#81
 3,3'-Dichlorobenzidine
 Concen: 34.33 ng
 RT: 18.27 min Scan# 2836
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.7	51.5	77.3	
126	12.6	15.8	23.8	

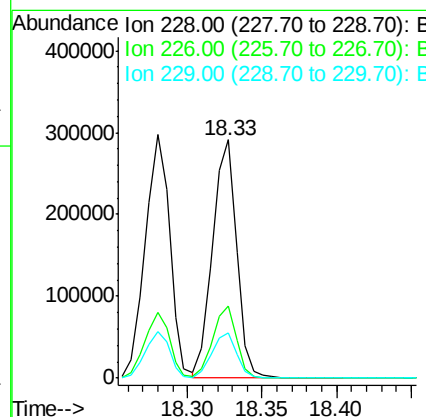
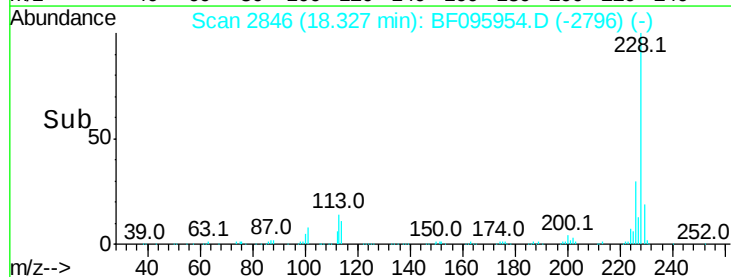
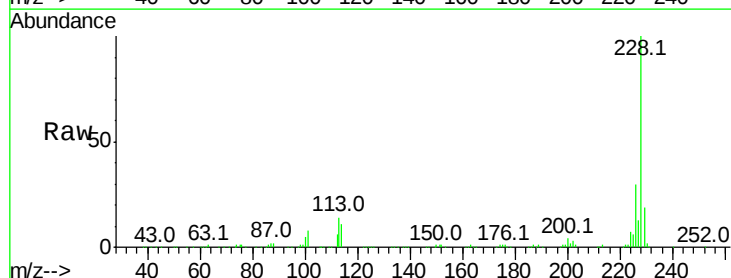
Manual Integrations
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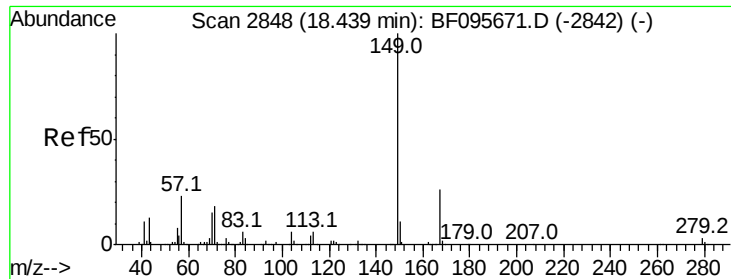
mohammad
 6/19/2017 3:46:50 PM



#82
 Chrysene
 Concen: 39.60 ng
 RT: 18.33 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.4	24.9	37.3	
229	19.2	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.51 ng

RT: 18.37 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

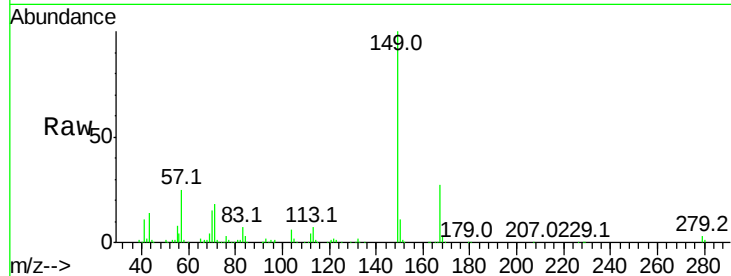
ClientSampleId :

PB99843BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	263857		
167	27.0		21.0	31.4
279	3.0		1.9	2.9#

Manual Integrations
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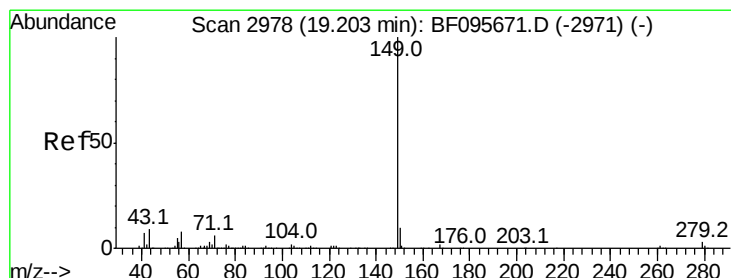
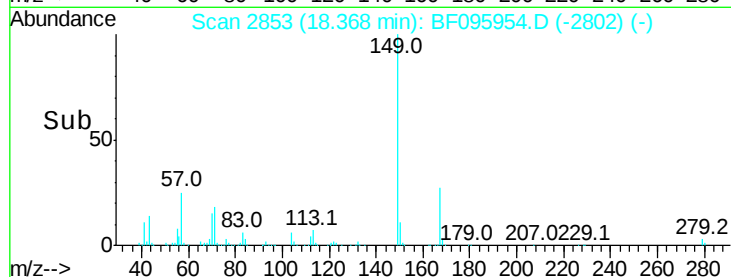
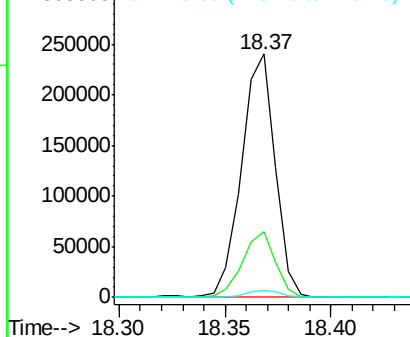
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.41 ng

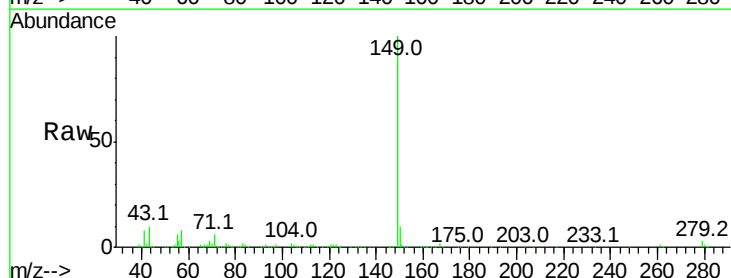
RT: 19.13 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

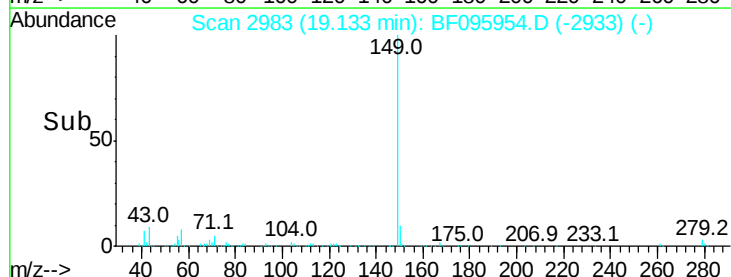
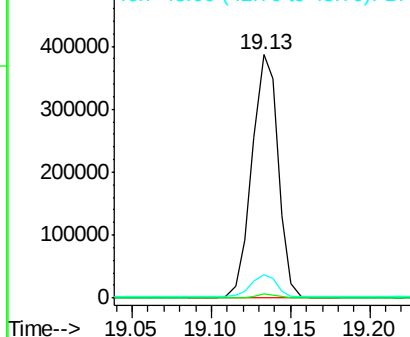
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	444518		
167	1.6		1.2	1.8
43	9.3		8.5	12.7

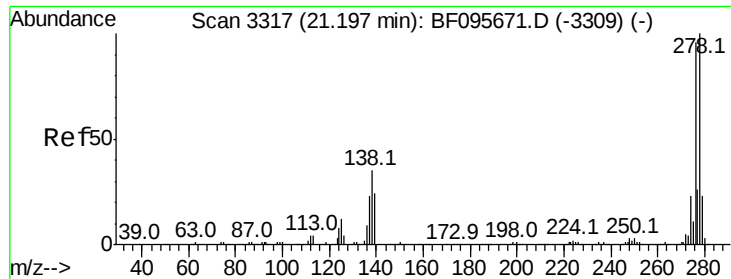


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





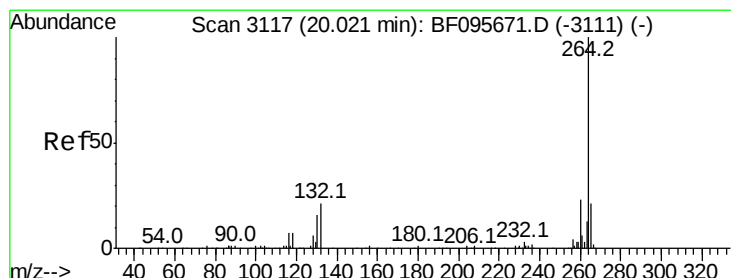
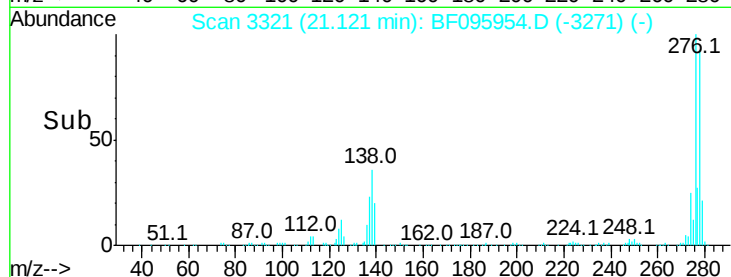
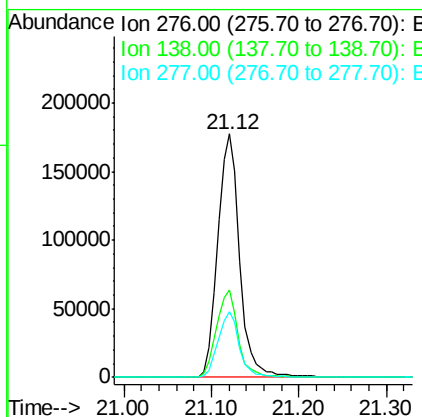
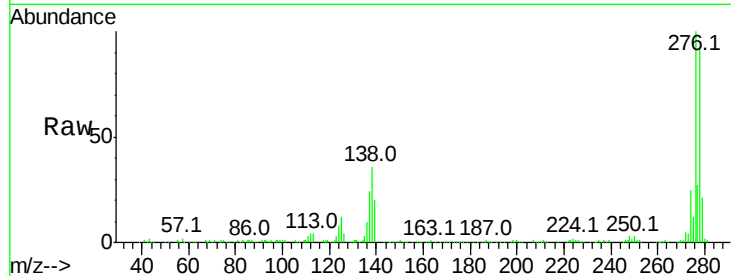
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.45 ng
 RT: 21.12 min Scan# 3321
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	26.2	20.2	30.4

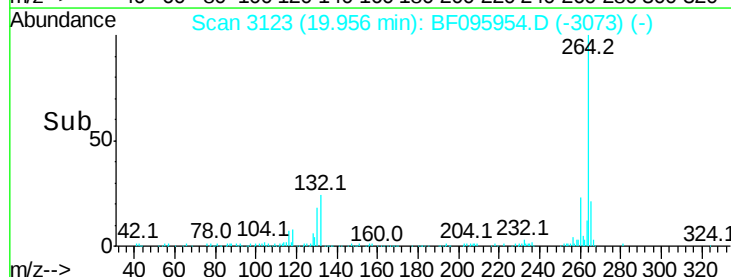
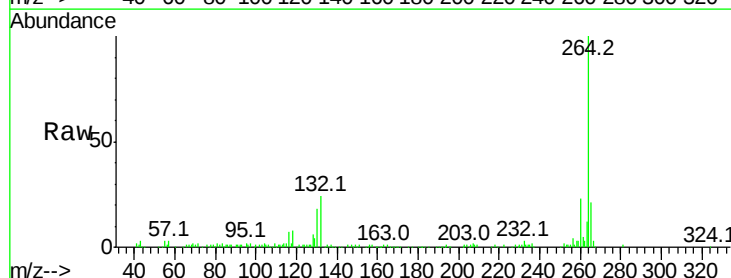
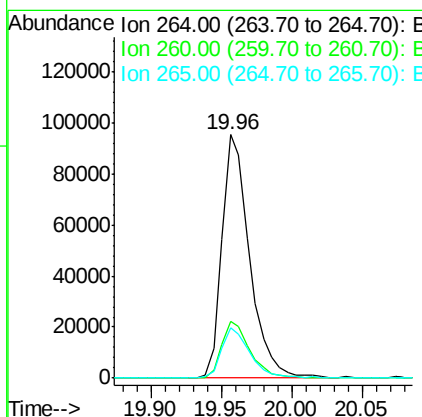
Manual Integrations
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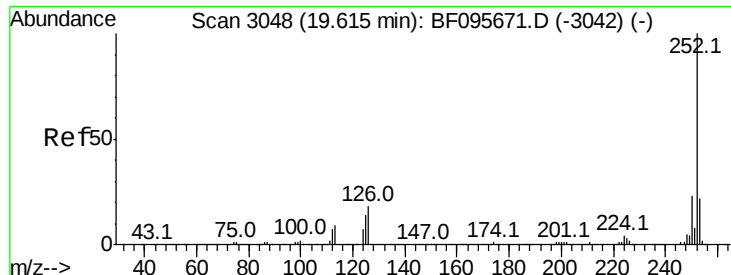
mohammad
 6/19/2017 3:46:50 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.96 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.94 ng

RT: 19.56 min Scan# 3055

Delta R.T. 0.00 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Instrument :

BNA_F

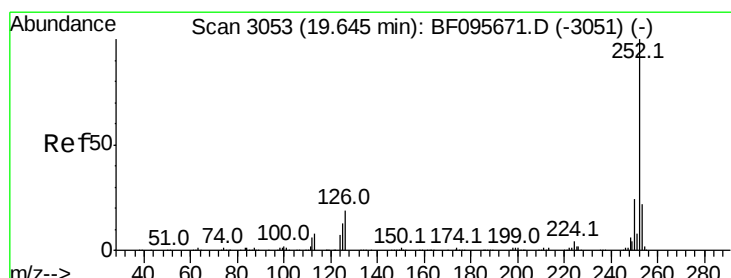
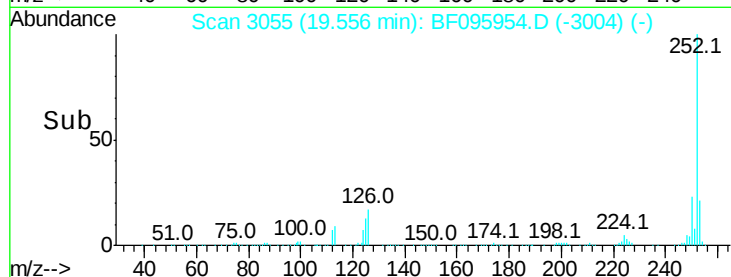
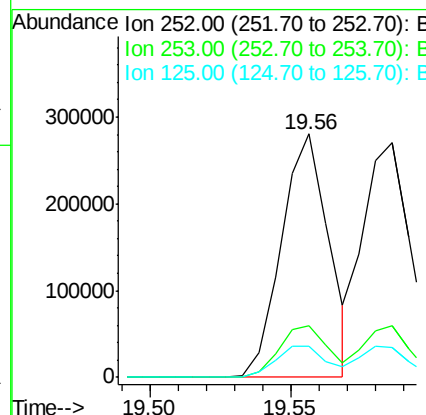
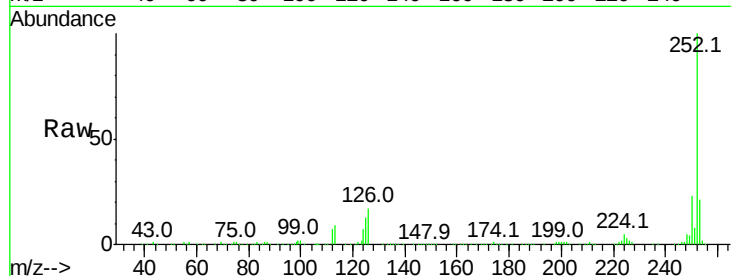
ClientSampleId :

PB99843BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.1	27.1
125	12.9	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.00 ng

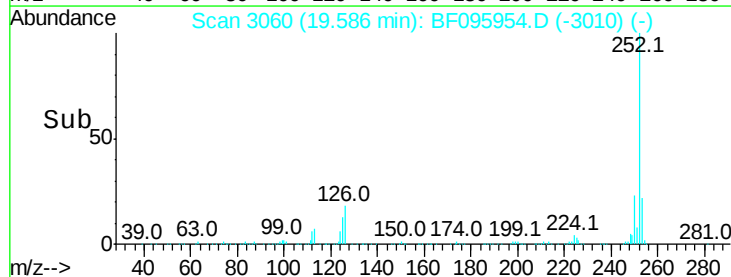
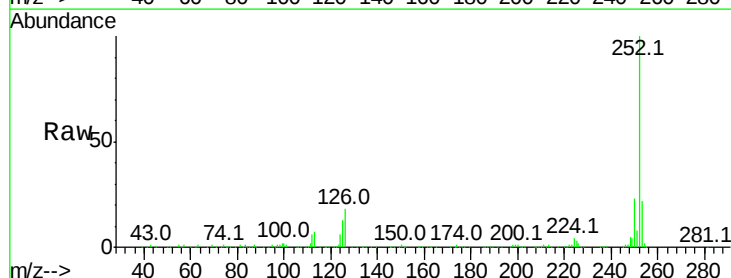
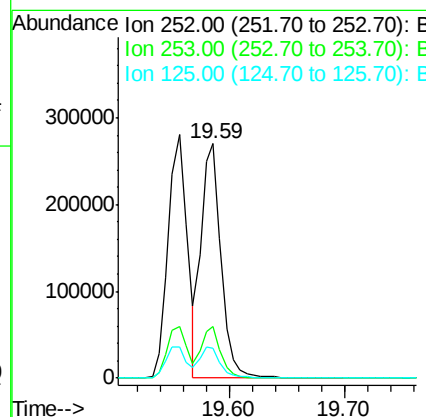
RT: 19.59 min Scan# 3060

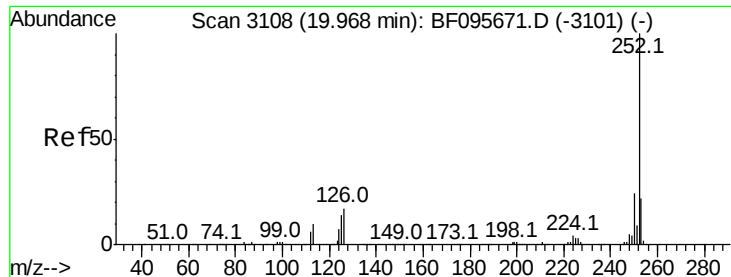
Delta R.T. -0.01 min

Lab File: BF095954.D

Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	12.9	13.1	19.7#





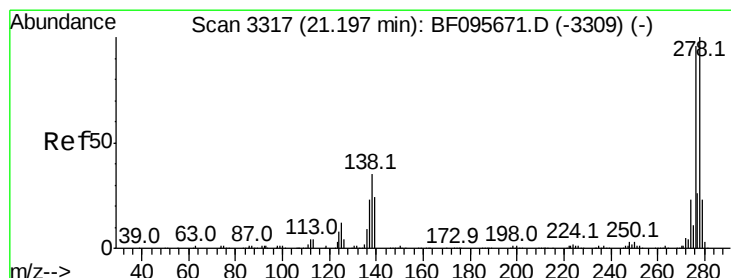
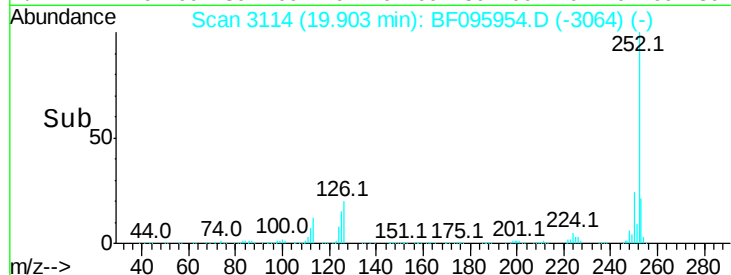
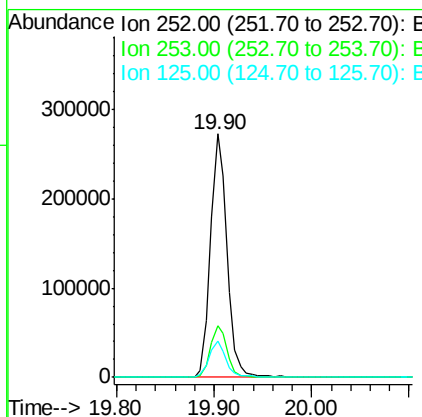
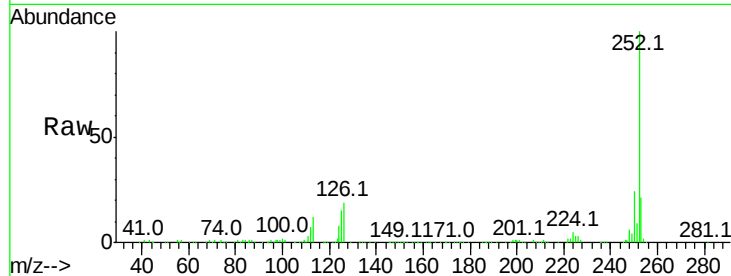
#89
Benzo(a)pyrene
Concen: 42.91 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Instrument :
BNA_F
ClientSampleId :
PB99843BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	14.9	11.0	16.4

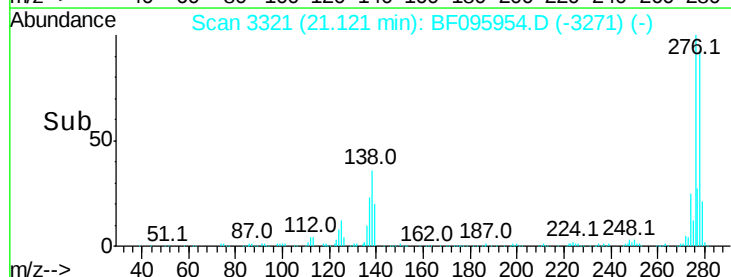
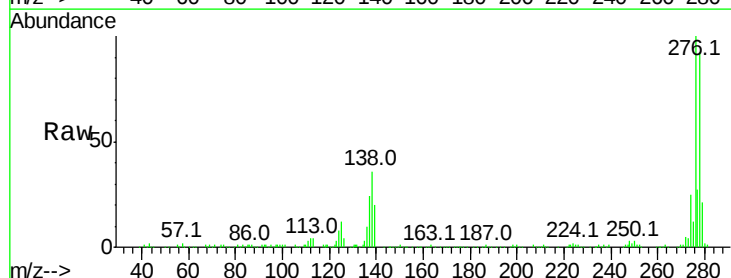
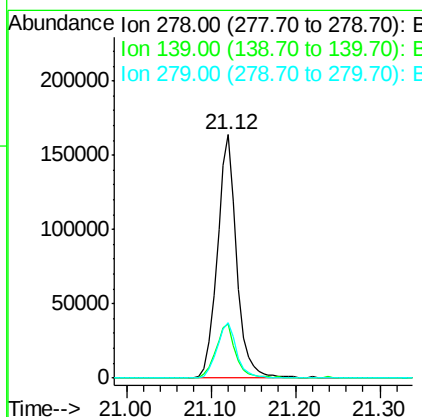
Manual Integrations
APPROVED

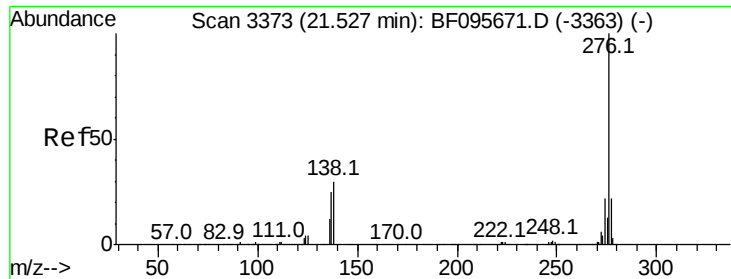
mohammad
6/19/2017 3:46:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.29 ng
RT: 21.12 min Scan# 3321
Delta R.T. -0.01 min
Lab File: BF095954.D
Acq: 16 Jun 2017 14:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	16.6	24.8
279	22.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 38.89 ng
 RT: 21.44 min Scan# 3376
 Delta R.T. 0.00 min
 Lab File: BF095954.D
 Acq: 16 Jun 2017 14:24

Instrument :
 BNA_F
 ClientSampleId :
 PB99843BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	29.6	25.4	38.0

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