

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
 Data File : BF094000.D
 Acq On : 28 Mar 2017 18:45
 Operator : SJ/MA
 Sample : PB97859BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Manual Integrations
 APPROVED

mohammad
 3/29/2017 1:56:49 PM

Quant Time: Mar 29 03:48:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	166473	20.00	ng	-0.02
21) Naphthalene-d8	7.43	136	671324	20.00	ng	-0.02
38) Acenaphthene-d10	9.57	164	315657	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	537127	20.00	ng	-0.02
75) Chrysene-d12	14.65	240	365585	20.00	ng	-0.03
86) Perylene-d12	16.28	264	284234	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	1205978	122.36	ng	0.00
7) Phenol-d6	5.55	99	1523224	124.93	ng	0.00
23) Nitrobenzene-d5	6.59	82	957633	81.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	342742	137.41	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	1799977	86.98	ng	-0.02
78) Terphenyl-d14	13.38	244	1427451	87.52	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.35	88	154314	32.59	ng	95
3) Pyridine	2.83	79	431253	33.42	ng	97
4) n-Nitrosodimethylamine	2.79	42	211084	39.75	ng	89
6) Aniline	5.56	93	427898	25.23	ng	# 1
8) 2-Chlorophenol	5.70	128	477610	44.09	ng	96
9) Benzaldehyde	5.42	77	100305	12.18	ng	98
10) Phenol	5.56	94	563940	40.64	ng	94
11) bis(2-Chloroethyl)ether	5.64	93	458086	42.25	ng	96
12) 1,3-Dichlorobenzene	5.86	146	505538	41.60	ng	99
13) 1,4-Dichlorobenzene	5.95	146	509760	41.42	ng	97
14) 1,2-Dichlorobenzene	6.13	146	472215	41.66	ng	95
15) Benzyl Alcohol	6.10	79	391462	43.86	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	626620	37.50	ng	97
17) 2-Methylphenol	6.24	107	400812	43.20	ng	97
18) Hexachloroethane	6.52	117	180409	41.70	ng	89
19) n-Nitroso-di-n-propylamine	6.42	70	330305	42.15	ng	97
20) 3+4-Methylphenols	6.42	107	506238	45.05	ng	# 64
22) Acetophenone	6.40	105	668190	44.66	ng	# 88
24) Nitrobenzene	6.60	77	492367	42.44	ng	95
25) Isophorone	6.89	82	907835	43.92	ng	96
26) 2-Nitrophenol	6.98	139	273289	49.39	ng	99
27) 2,4-Dimethylphenol	7.05	122	445814	46.76	ng	98
28) bis(2-Chloroethoxy)methane	7.15	93	586320	43.01	ng	99
29) 2,4-Dichlorophenol	7.27	162	427751	47.99	ng	98
30) 1,2,4-Trichlorobenzene	7.37	180	406255	44.25	ng	99
31) Naphthalene	7.46	128	1361848	42.19	ng	99
32) Benzoic acid	7.22	122	312868	49.30	ng	98
33) 4-Chloroaniline	7.53	127	218653	16.71	ng	95
34) Hexachlorobutadiene	7.62	225	207392	44.05	ng	99
35) Caprolactam	7.99	113	139199m	48.97	ng	
36) 4-Chloro-3-methylphenol	8.15	107	447556	48.05	ng	91
37) 2-Methylnaphthalene	8.30	142	975086	45.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	354589	41.06	ng	99
40) Hexachlorocyclopentadiene	8.50	237	371882	92.03	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	291289	47.68	nq	99
43) 2,4,5-Trichlorophenol	8.71	196	295237	44.66	nq	95
45) 1,1'-Biphenyl	8.88	154	1093503	42.95	nq	98
46) 2-Chloronaphthalene	8.90	162	861838	43.24	nq	# 93
47) 2-Nitroaniline	9.03	65	258710	43.76	nq	# 83
48) Acenaphthylene	9.40	152	1364385	41.19	nq	99
49) Dimethylphthalate	9.27	163	1038157	46.27	nq	100
50) 2,6-Dinitrotoluene	9.33	165	234811	45.65	nq	91
51) Acenaphthene	9.62	154	808213	41.82	nq	99
52) 3-Nitroaniline	9.53	138	146991	24.34	nq	90
53) 2,4-Dinitrophenol	9.67	184	236837	85.69	nq	# 70
54) Dibenzofuran	9.83	168	1171725	44.53	nq	98
55) 4-Nitrophenol	9.78	139	368255	77.85	nq	# 73
56) 2,4-Dinitrotoluene	9.83	165	285568	44.20	nq	# 70
57) Fluorene	10.25	166	880609	40.36	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	220036	48.51	nq	97
59) Diethylphthalate	10.14	149	1018385	45.92	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	387920	41.73	nq	95
61) 4-Nitroaniline	10.29	138	241848	41.73	nq	95
62) Azobenzene	10.46	77	969229	46.20	nq	94
64) 4,6-Dinitro-2-methylphenol	10.33	198	153010	46.51	nq	# 66
65) n-Nitrosodiphenylamine	10.41	169	851334	45.83	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	244688	46.32	nq	98
67) Hexachlorobenzene	10.93	284	248506	46.47	nq	# 84
68) Atrazine	11.08	200	245486	44.12	nq	96
69) Pentachlorophenol	11.18	266	260929	78.39	nq	97
70) Phenanthrene	11.43	178	1290740	43.20	nq	99
71) Anthracene	11.50	178	1329447	43.21	nq	100
72) Carbazole	11.70	167	1220589	38.69	nq	99
73) Di-n-butylphthalate	12.15	149	1551091	47.28	nq	100
74) Fluoranthene	12.89	202	1273353	41.62	nq	99
76) Benzidine	13.06	184	312933	21.63	nq	# 92
77) Pyrene	13.17	202	1280462	48.26	nq	99
79) Butylbenzylphthalate	13.99	149	620689	54.91	nq	# 85
80) Benzo(a)anthracene	14.64	228	953199	44.71	nq	99
81) 3,3'-Dichlorobenzidine	14.61	252	193119	25.34	nq	# 97
82) Chrysene	14.69	228	832101	42.06	nq	100
83) Bis(2-ethylhexyl)phthalate	14.70	149	856541	55.54	nq	100
84) Di-n-octyl phthalate	15.46	149	1379724	53.55	nq	97
85) Indeno(1,2,3-cd)pyrene	17.64	276	783710	45.74	nq	100
87) Benzo(b)fluoranthene	15.87	252	775067	44.49	nq	99
88) Benzo(k)fluoranthene	15.90	252	741005	43.47	nq	# 96
89) Benzo(a)pyrene	16.22	252	729401	45.46	nq	99
90) Dibenzo(a,h)anthracene	17.67	278	653423	48.09	nq	98
91) Benzo(g,h,i)perylene	18.05	276	636518	46.48	nq	97

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

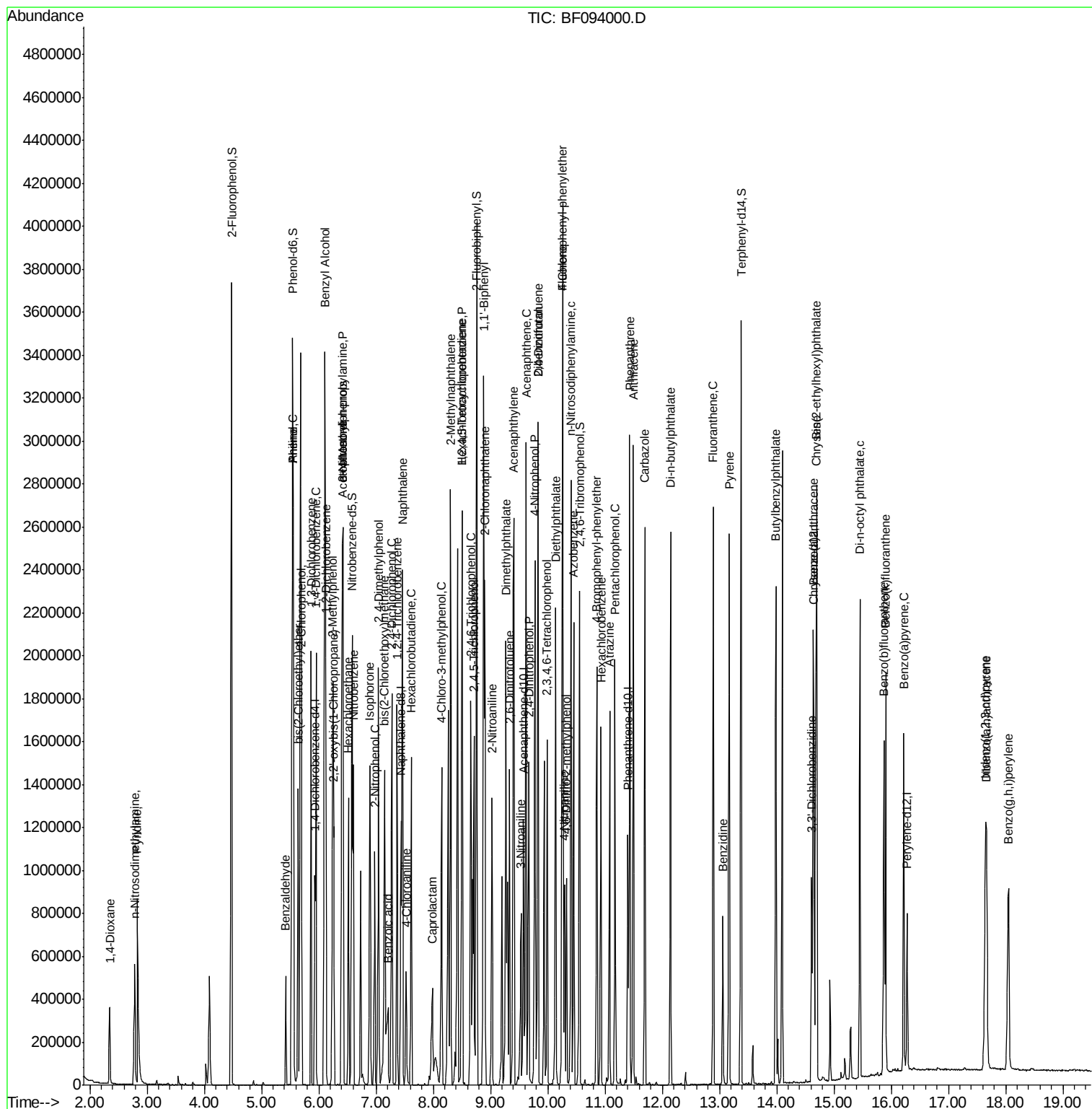
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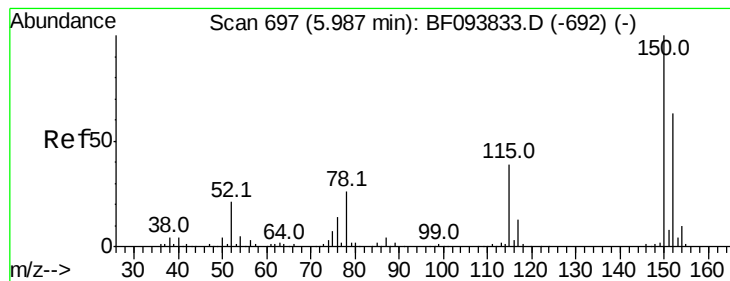
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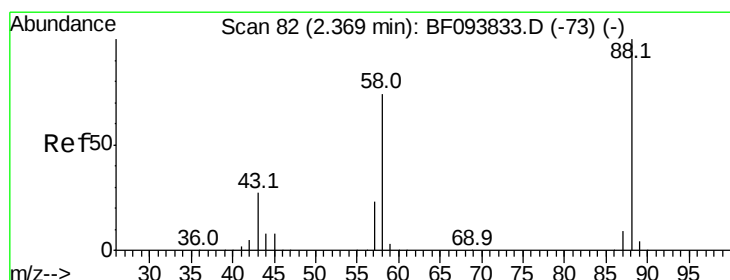
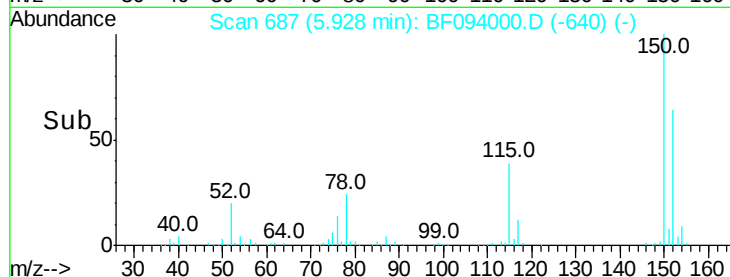
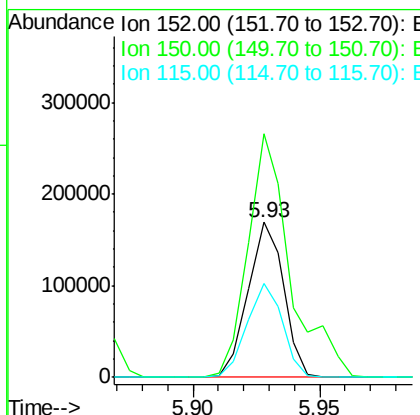
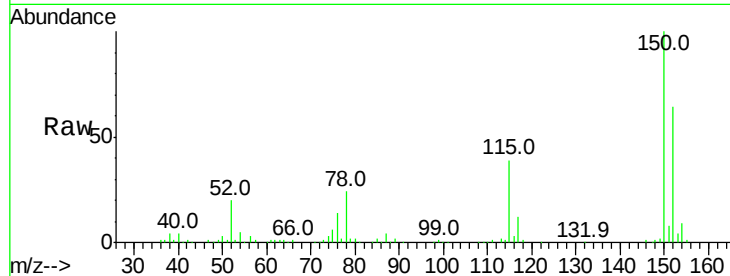
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	60.5	52.2	78.2

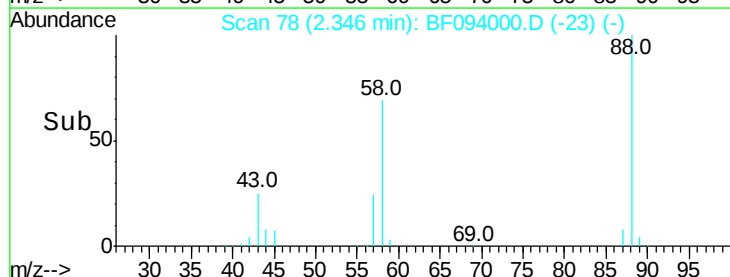
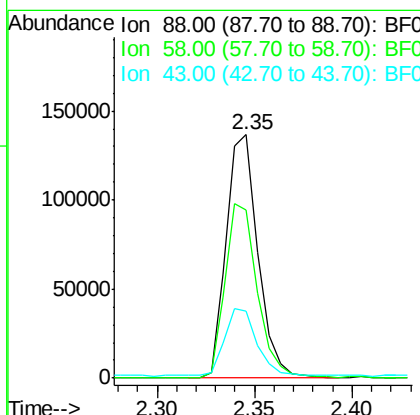
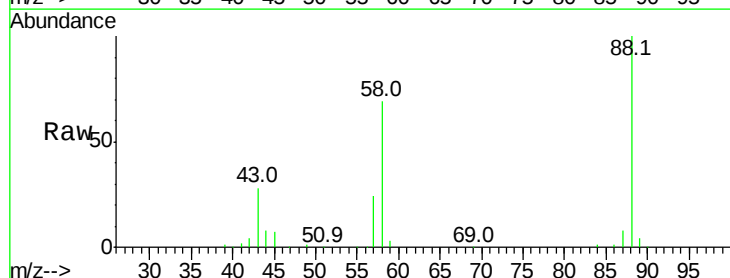
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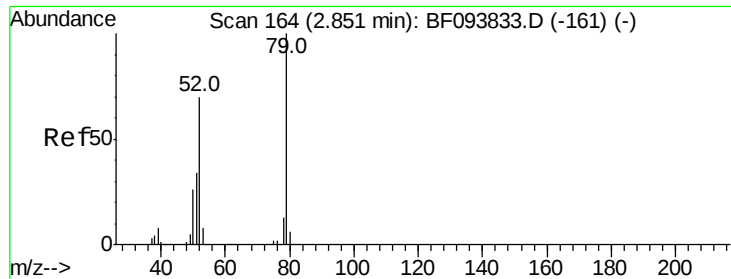
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#2
 1,4-Dioxane
 Concen: 32.59 ng
 RT: 2.35 min Scan# 78
 Delta R.T. 0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	61.4	92.0
43	28.5	23.4	35.0





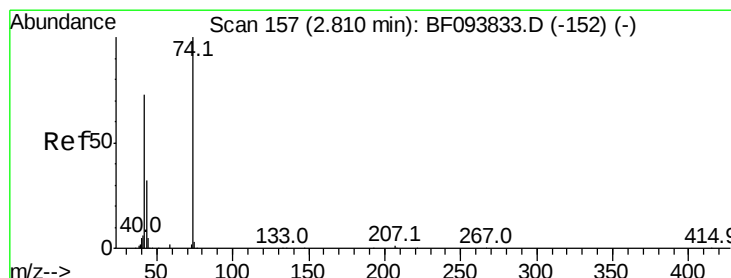
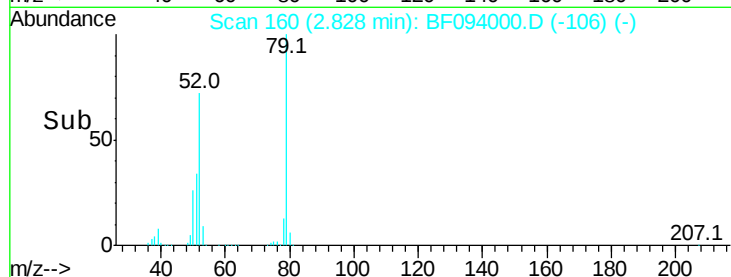
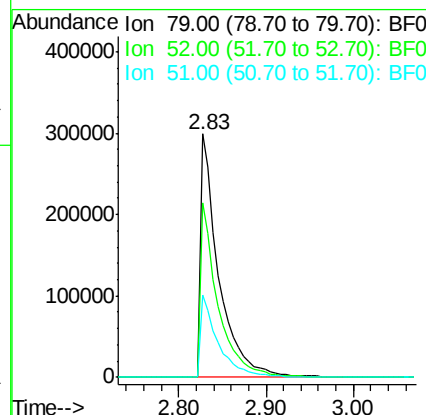
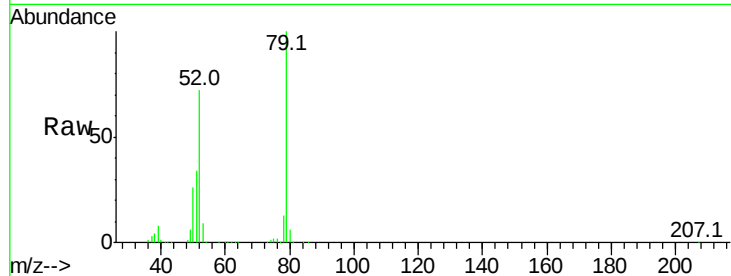
#3
 Pvridine
 Concen: 33.42 ng
 RT: 2.83 min Scan# 160
 Delta R.T. 0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.7	54.8	82.2
51	33.8	27.0	40.4

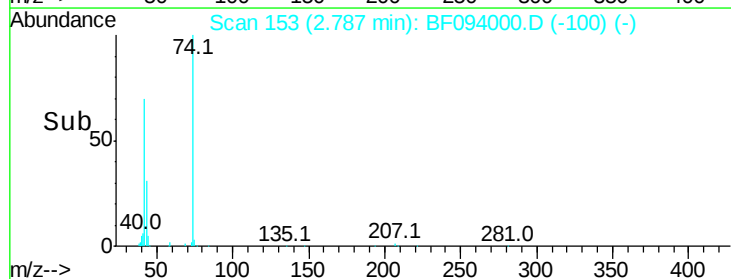
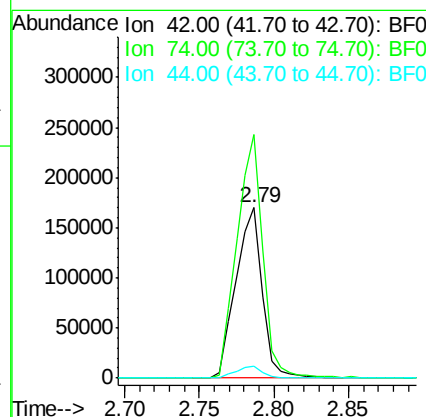
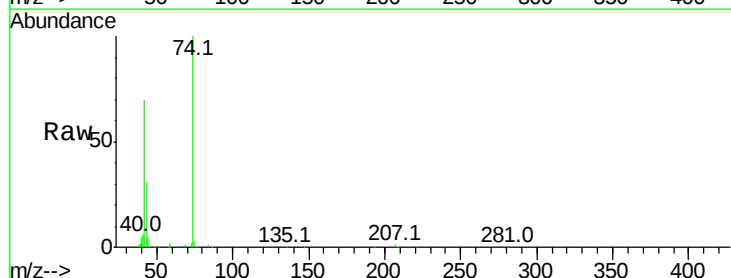
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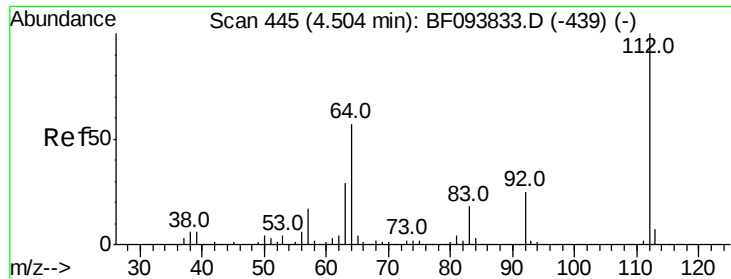
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#4
 n-Nitrosodimethylamine
 Concen: 39.75 ng
 RT: 2.79 min Scan# 153
 Delta R.T. 0.01 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.0	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 122.36 ng

RT: 4.47 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampled :

PB97859BS

Tot Ion:112 Resp: 1205978

Ion Ratio Lower Upper

112 100

64 57.9 46.0 69.0

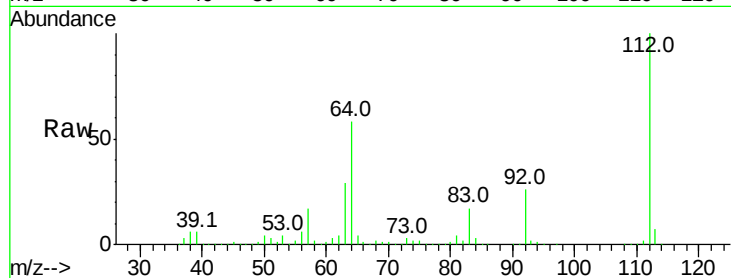
63 28.9 23.4 35.0

Manual Integrations

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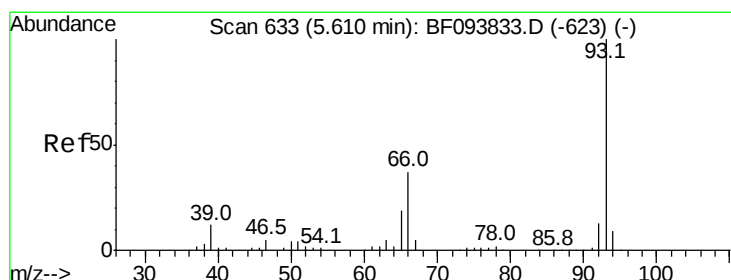
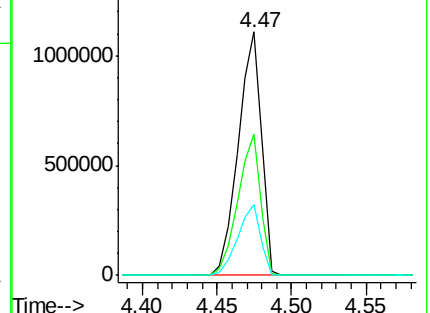
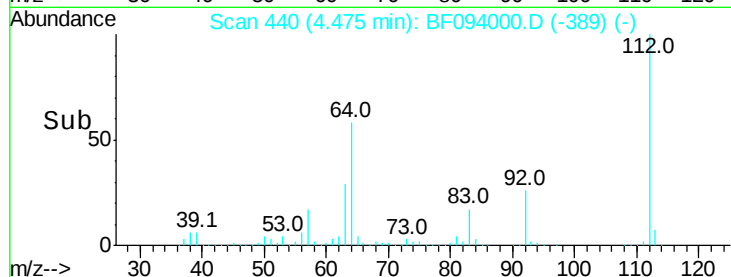
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.23 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

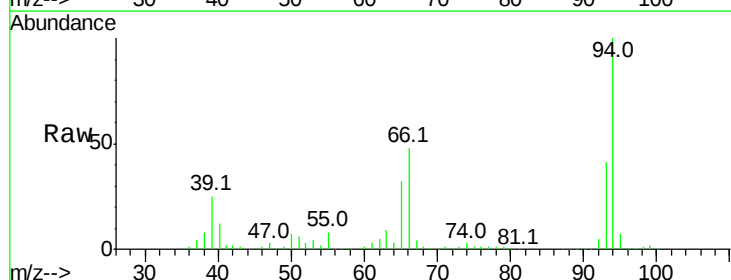
Tgt Ion: 93 Resp: 427898

Ion Ratio Lower Upper

93 100

66 116.2 32.9 49.3#

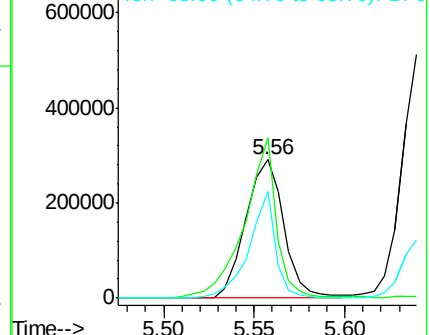
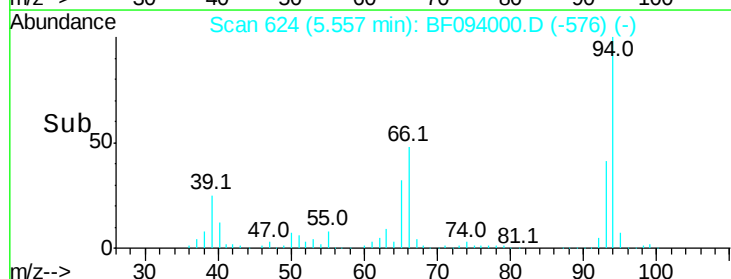
65 77.3 16.0 24.0#

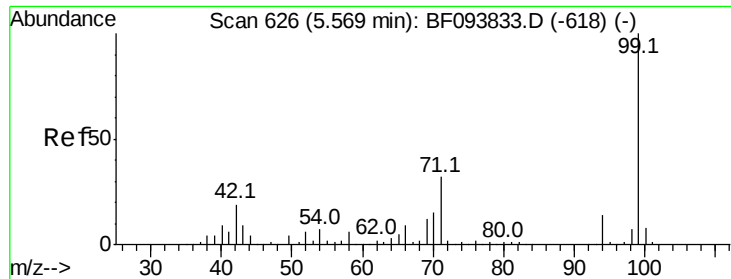


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.93 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.01 min

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PB97859BS

Tot Ion: 99 Resp: 1523224

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

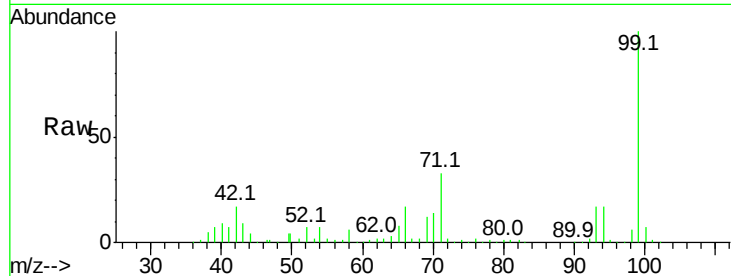
71 33.5 24.5 36.7

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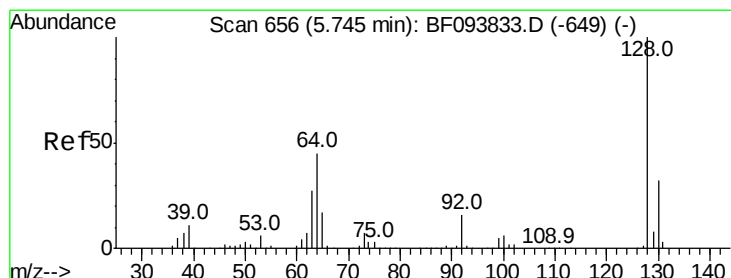
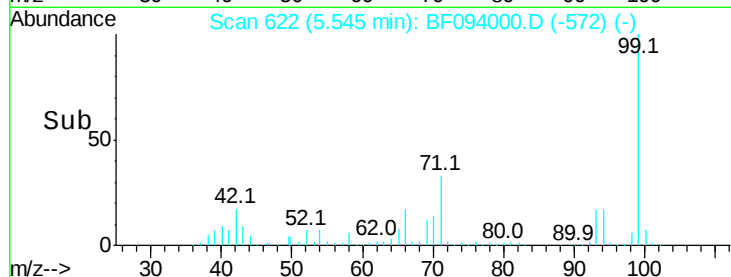
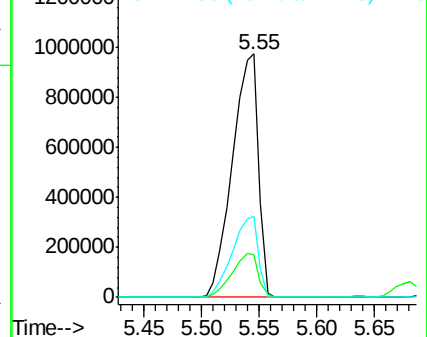
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.09 ng

RT: 5.70 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

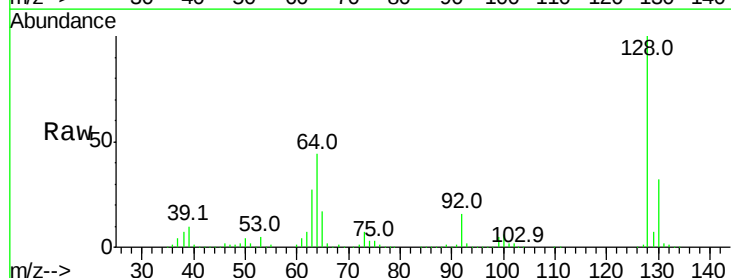
Tgt Ion:128 Resp: 477610

Ion Ratio Lower Upper

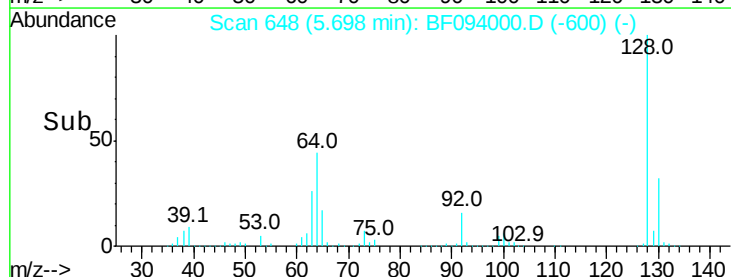
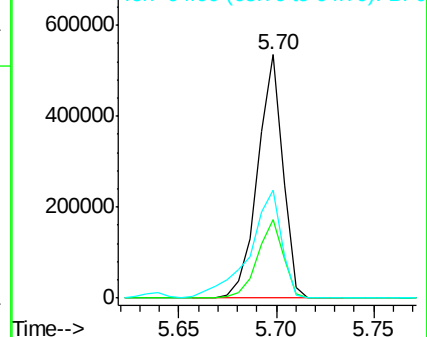
128 100

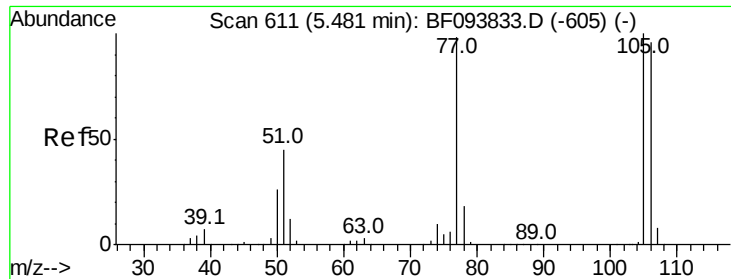
130 32.4 12.9 52.9

64 44.4 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.18 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF094000.D

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Instrument :

BNA_F

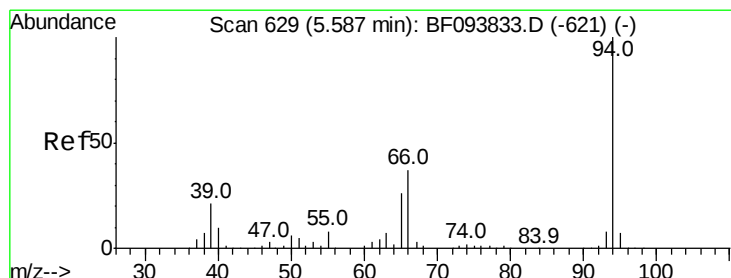
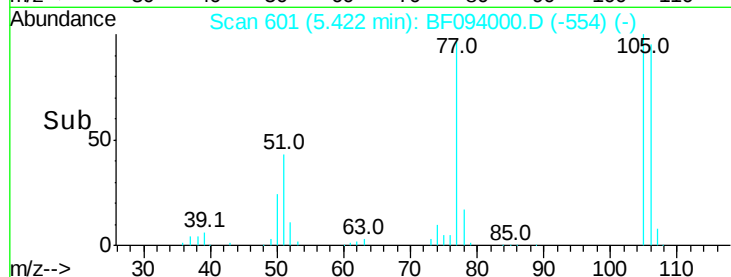
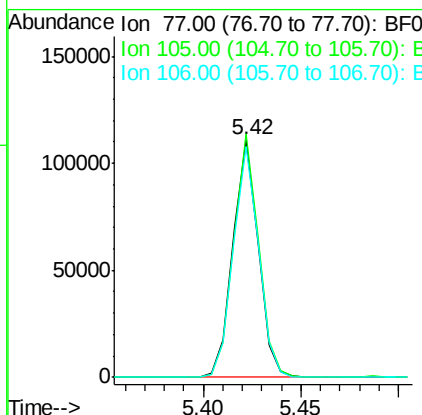
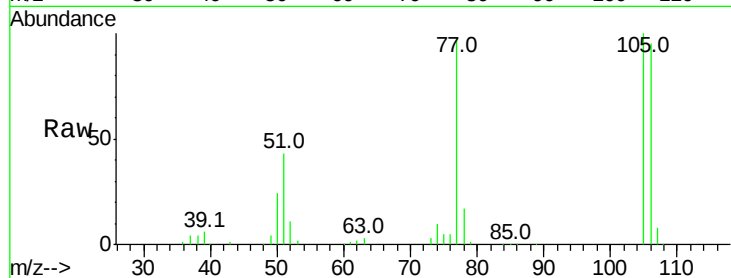
ClientSampleId :

PB97859BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	83.8	123.8
106	97.1	79.1	119.1

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#10

Phenol

Concen: 40.64 ng

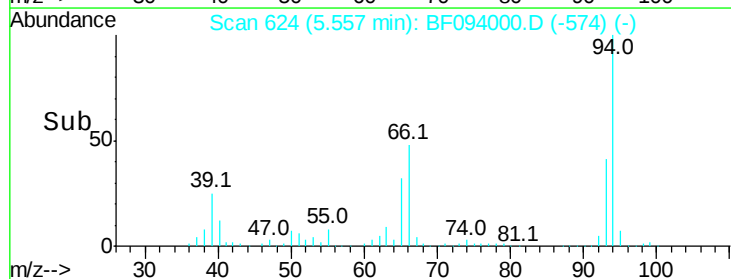
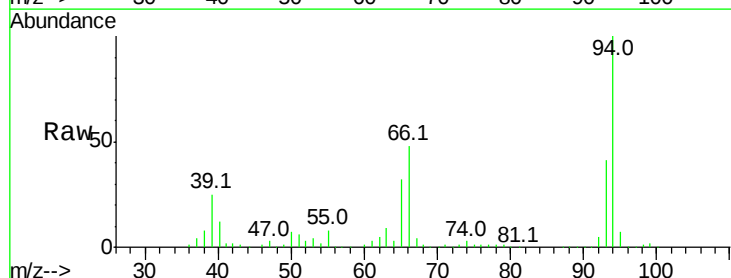
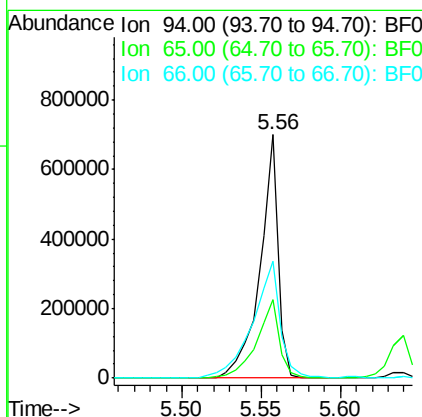
RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.9	49.9
66	48.2	23.1	63.1





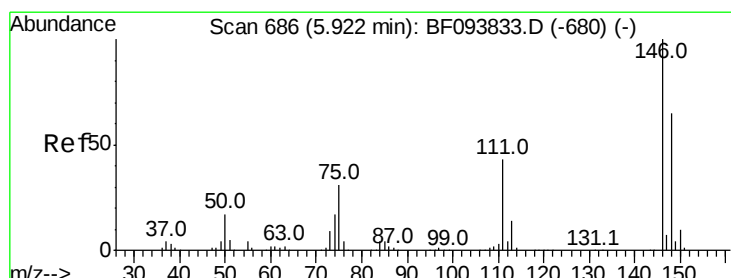
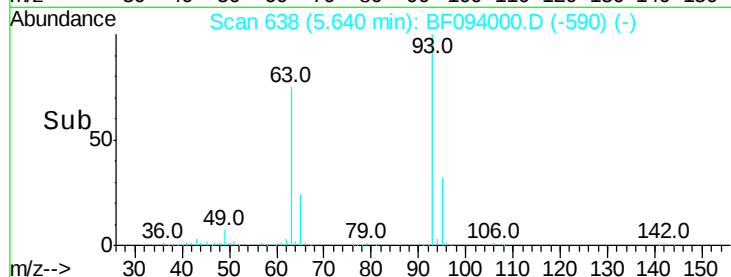
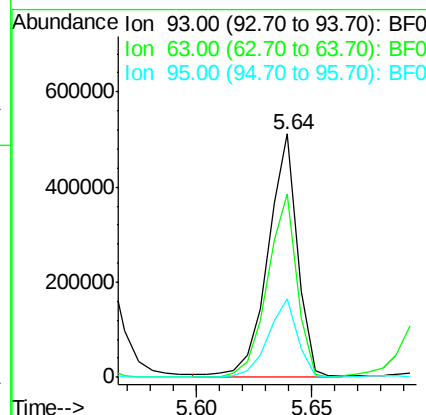
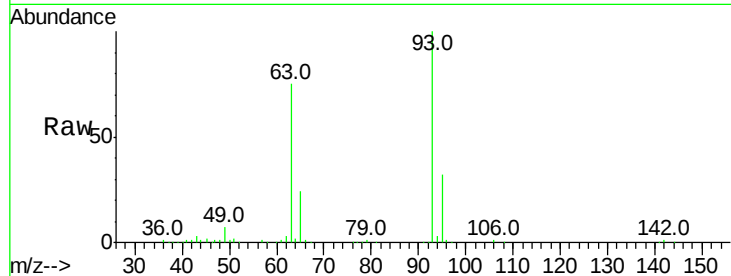
#11
bis(2-Chloroethyl)ether
Concen: 42.25 ng
RT: 5.64 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.1	59.2	99.2
95	32.1	12.8	52.8

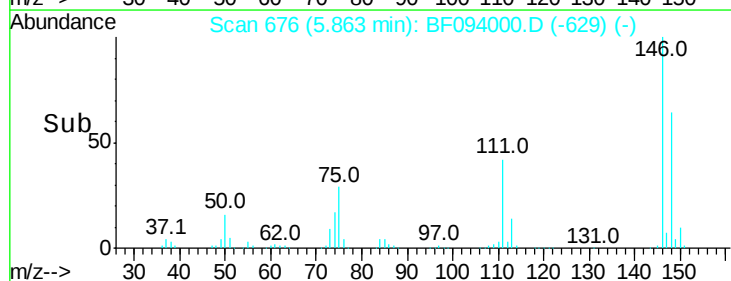
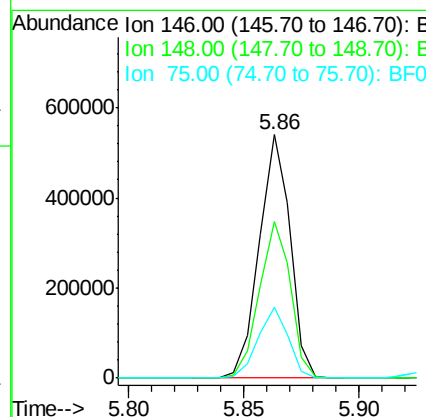
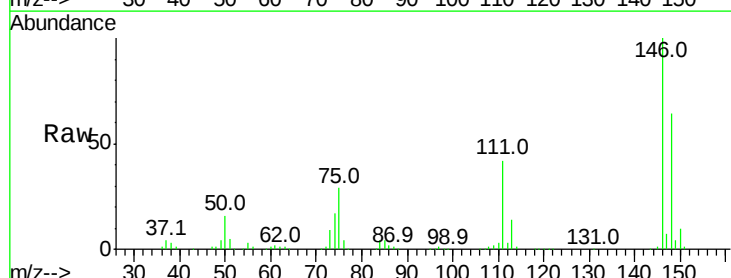
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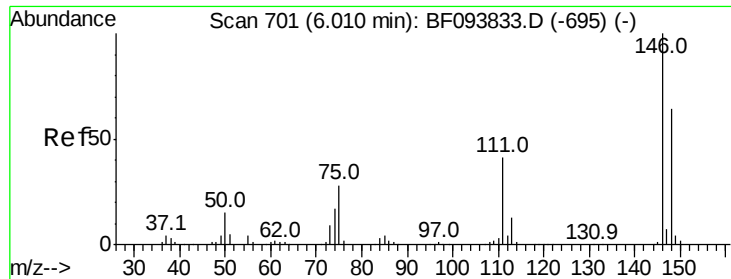
mohammad
3/29/2017 1:56:49 PM



#12
1,3-Dichlorobenzene
Concen: 41.60 ng
RT: 5.86 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
75	29.0	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.42 ng

RT: 5.95 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

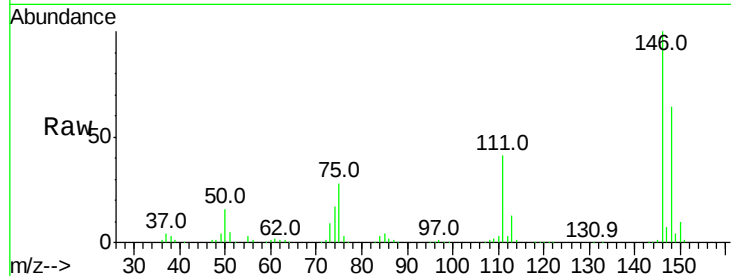
ClientSampleId :

PB97859BS

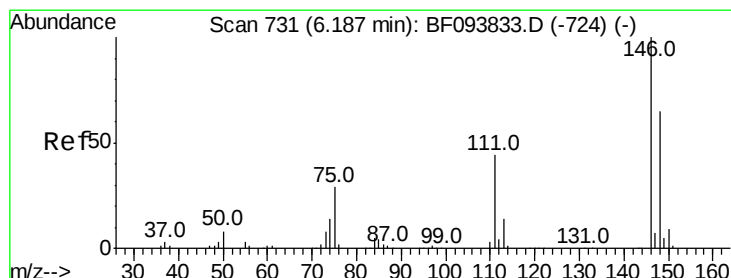
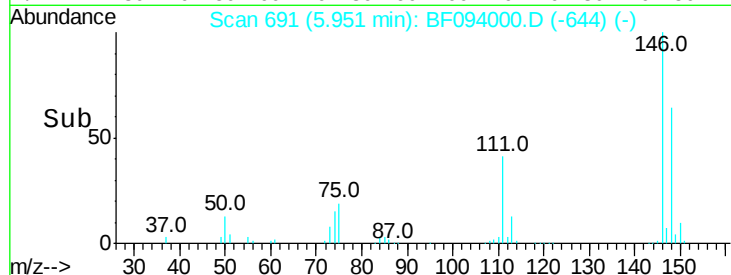
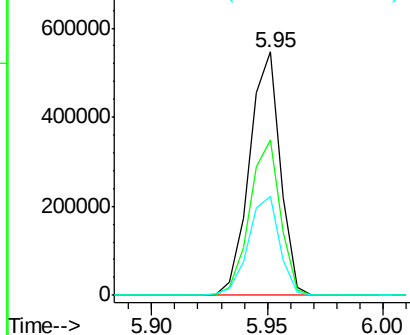
Tot Ion:	146	Resp:	509760
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	40.7	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.66 ng

RT: 6.13 min Scan# 721

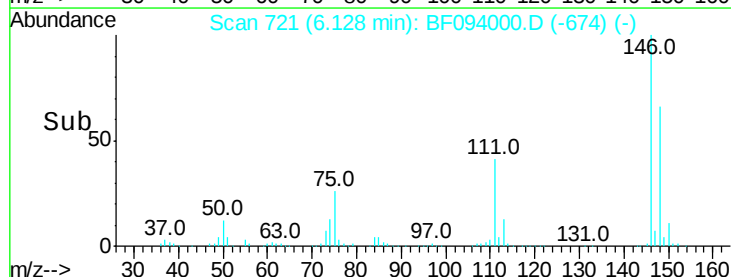
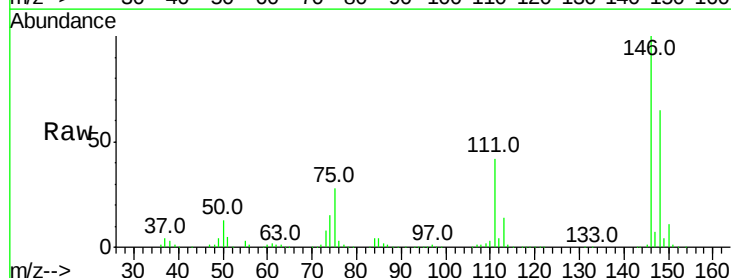
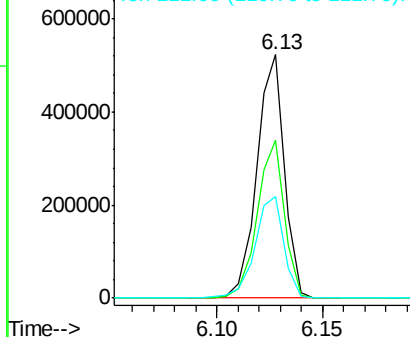
Delta R.T. -0.02 min

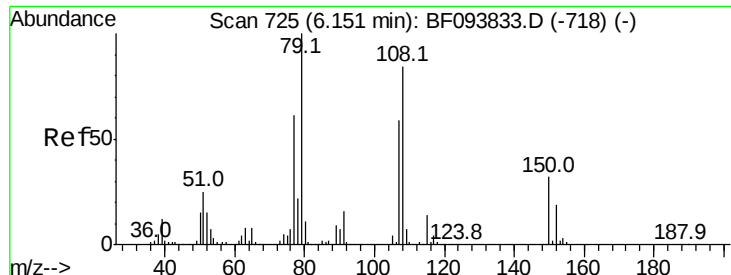
Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion:	146	Resp:	472215
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.4	75.6
111	41.7	38.2	57.4

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.86 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

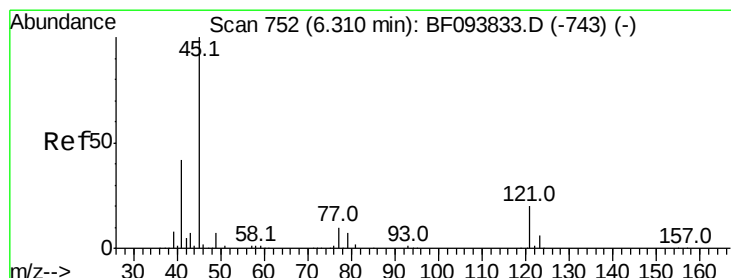
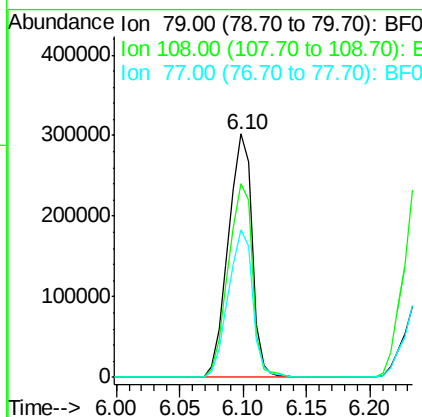
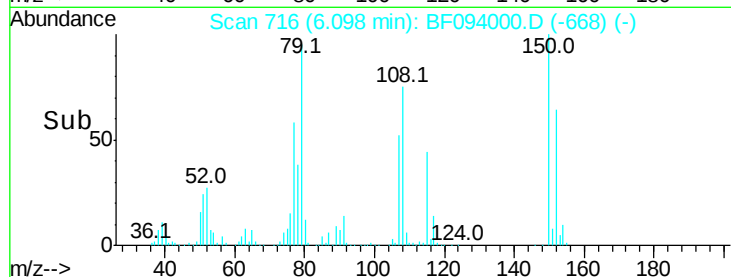
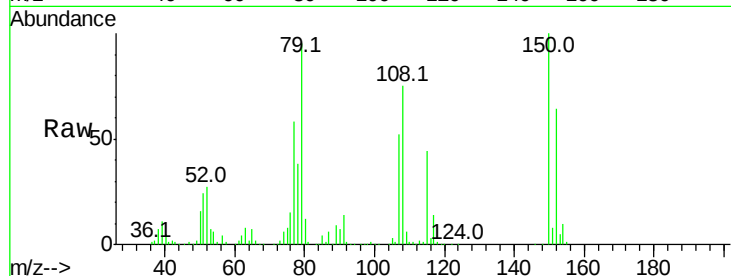
ClientSampleId :

PB97859BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	63.4	95.0
77	60.8	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.50 ng

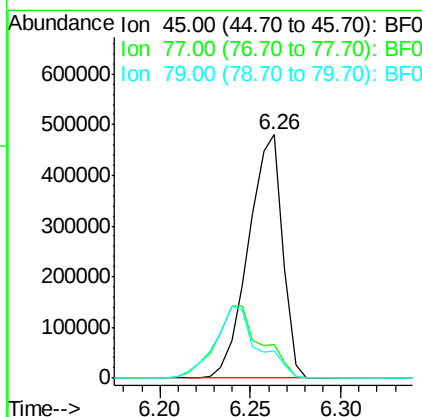
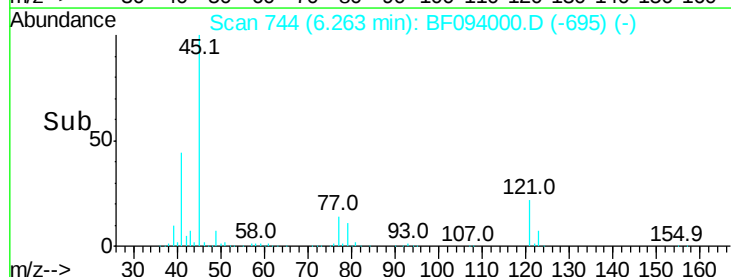
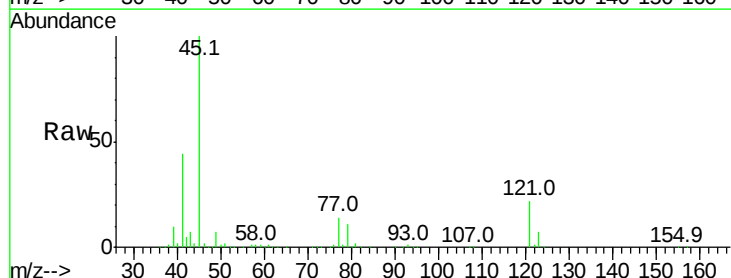
RT: 6.26 min Scan# 744

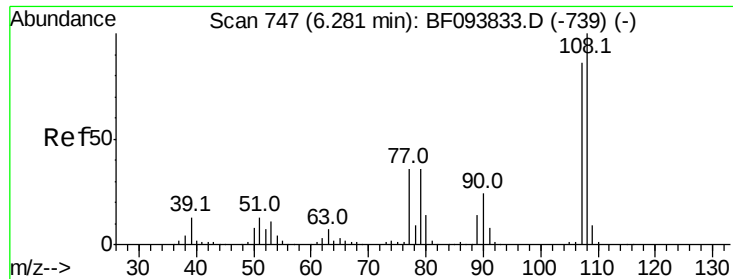
Delta R.T. -0.01 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	33.2
79	11.2	0.0	30.0





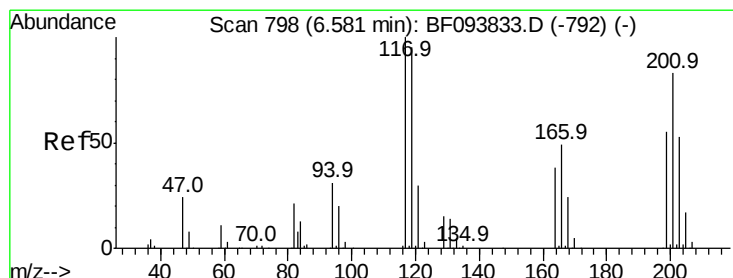
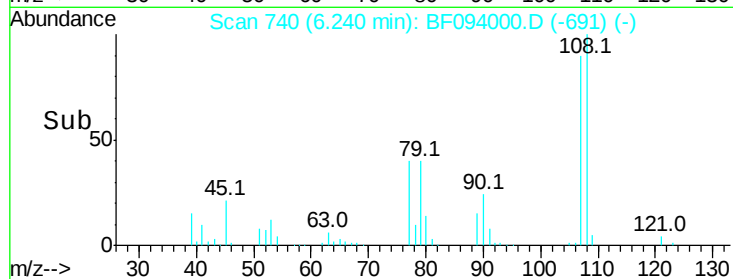
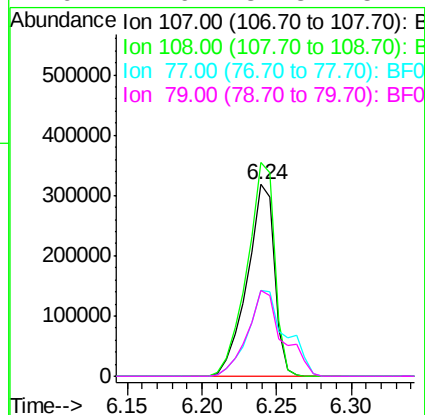
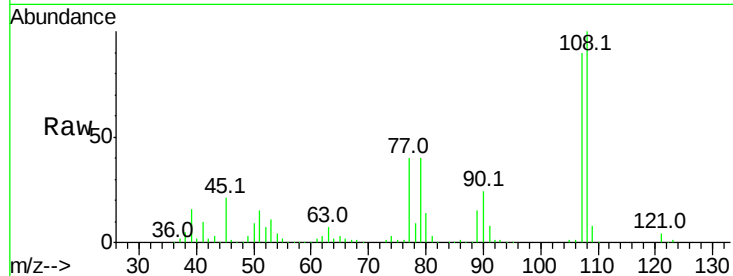
#17
2-Methylphenol
Concen: 43.20 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	107	Resp	400812
Ion Ratio	Lower	Upper	
107	100		
108	111.5	93.4	140.0
77	45.0	35.8	53.6
79	44.6	34.8	52.2

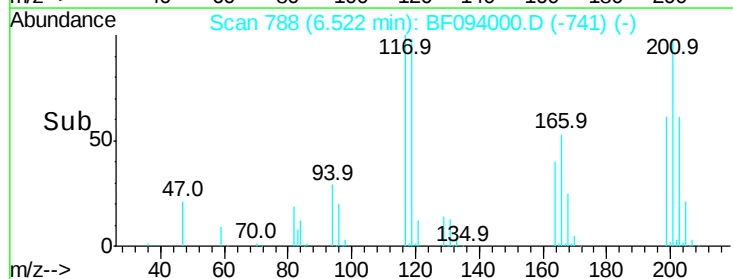
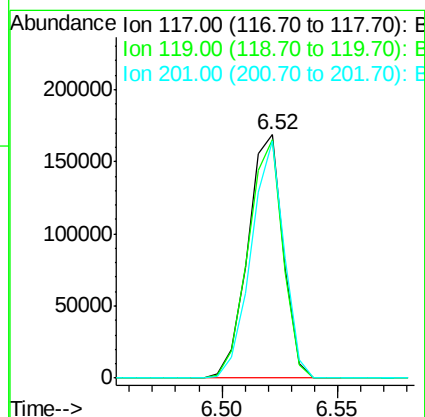
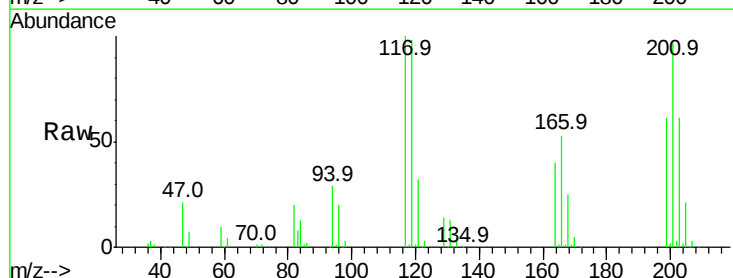
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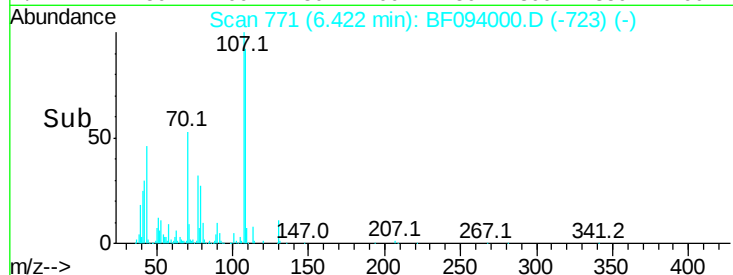
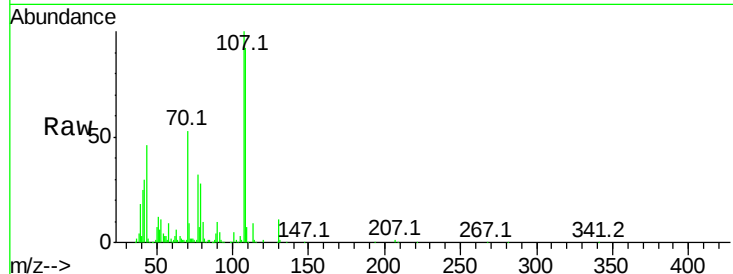
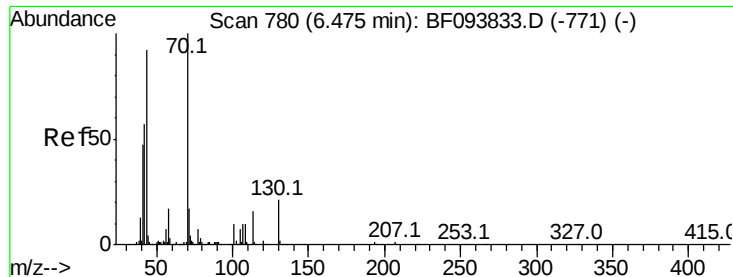
mohammad
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#18
Hexachloroethane
Concen: 41.70 ng
RT: 6.52 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	117	Resp	180409
Ion Ratio	Lower	Upper	
117	100		
119	98.1	77.4	116.0
201	97.3	94.6	141.8





#19

n-Nitroso-di-n-propylamine

Concen: 42.15 ng

RT: 6.42 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF094000.D

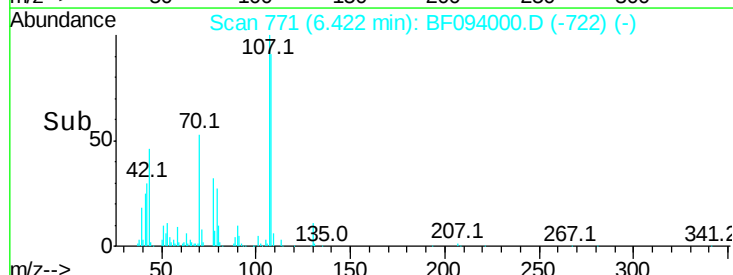
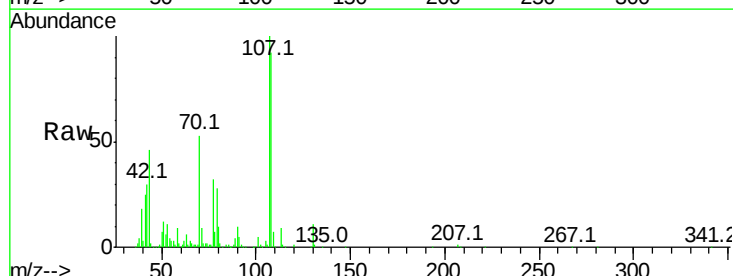
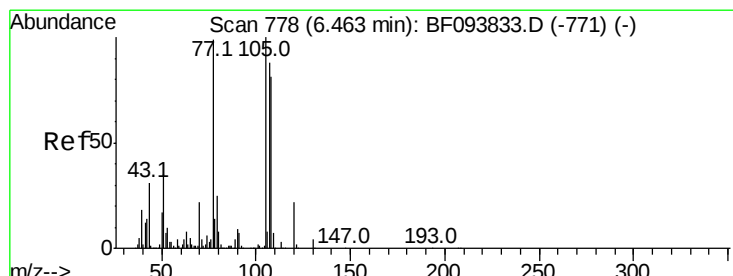
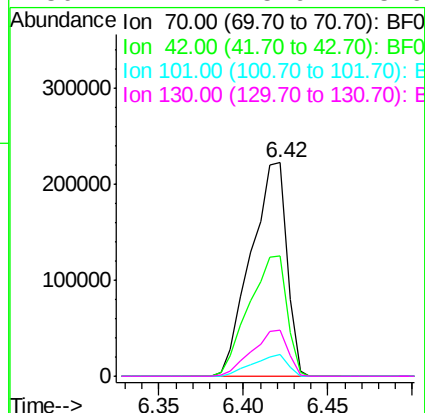
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.2	70.8
101	10.0	7.2	10.8
130	21.7	15.9	23.9

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#20

3+4-Methylphenols

Concen: 45.05 ng

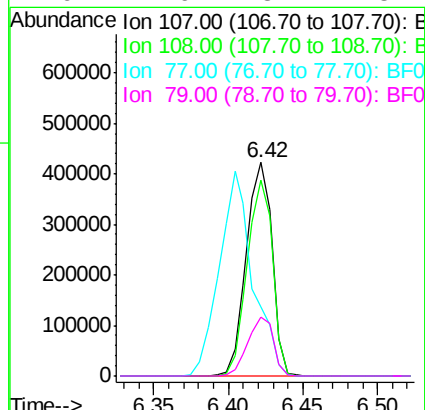
RT: 6.42 min Scan# 771

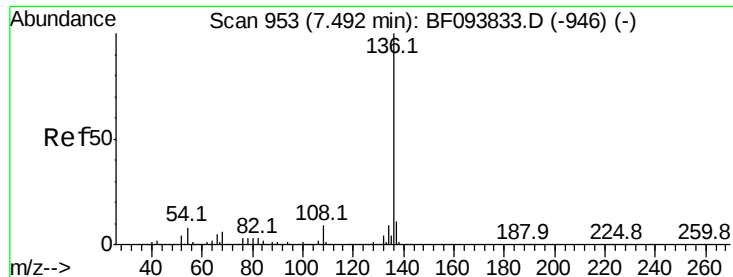
Delta R.T. -0.01 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	32.3	90.5	130.5#
79	27.6	8.4	48.4





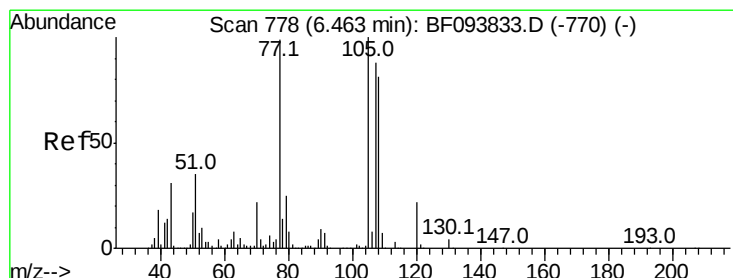
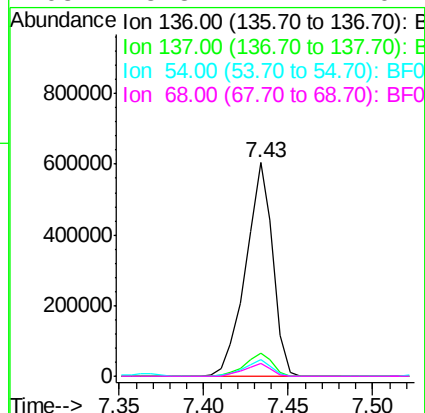
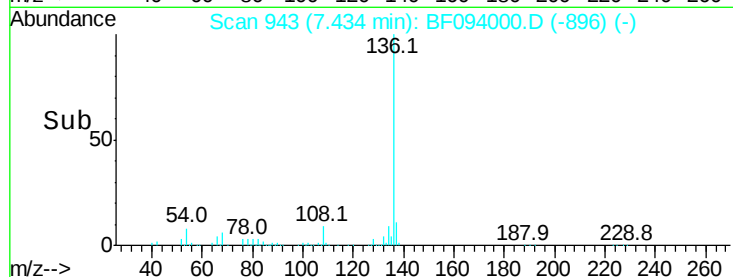
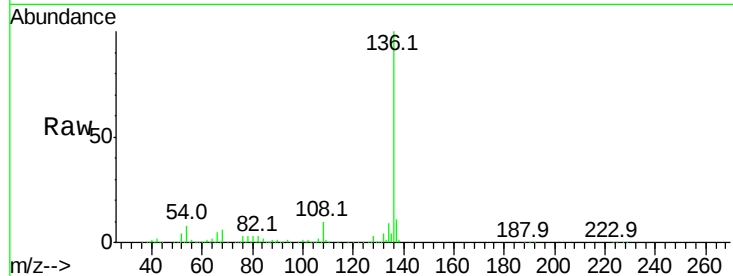
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	671324		
137	11.1	8.5	12.7	
54	7.7	4.9	7.3#	
68	5.8	4.1	6.1	

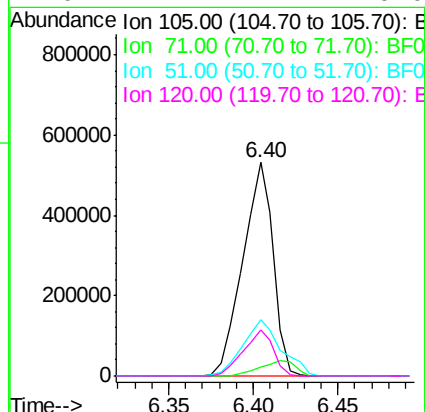
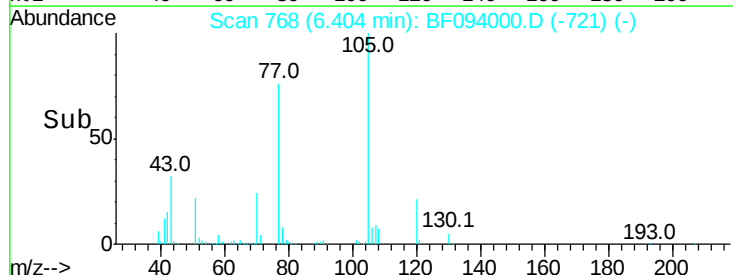
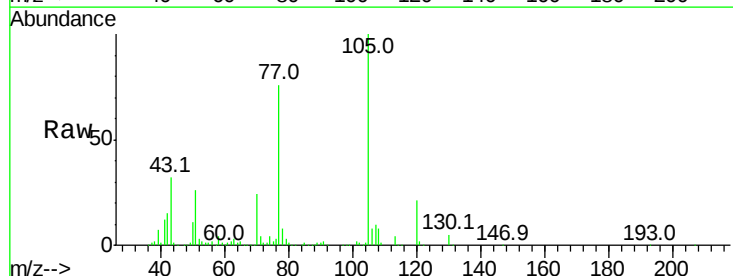
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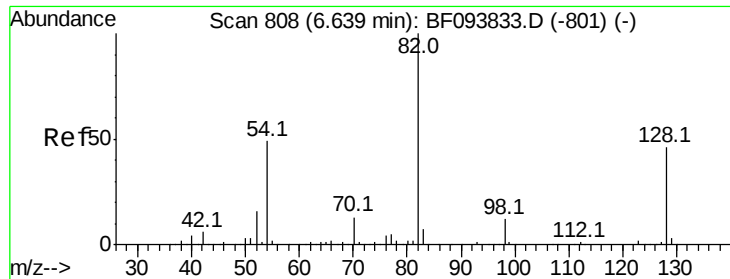
mohammad
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#22
Acetophenone
Concen: 44.66 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	668190		
71	4.0	2.8	4.2	
51	26.4	30.7	46.1#	
120	21.4	17.4	26.0	





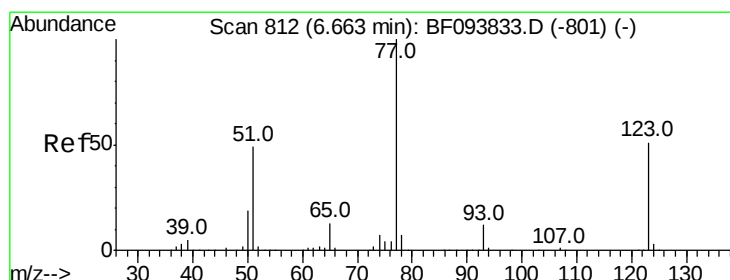
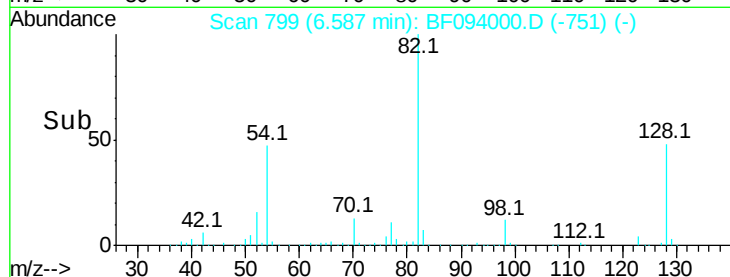
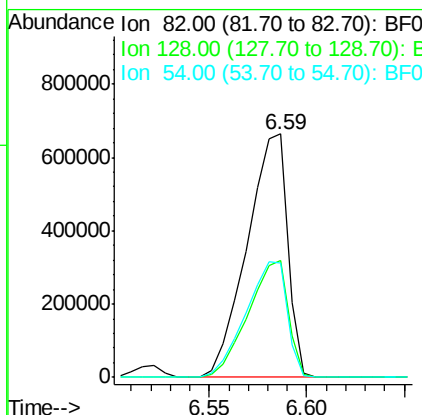
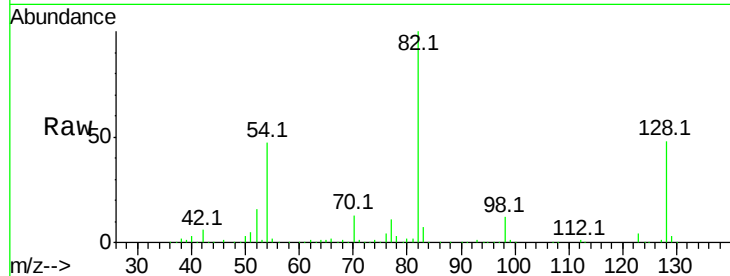
#23
Nitrobenzene-d5
Concen: 81.41 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	46.9	42.2	63.2

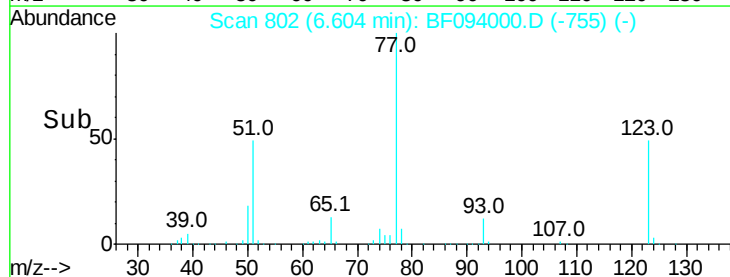
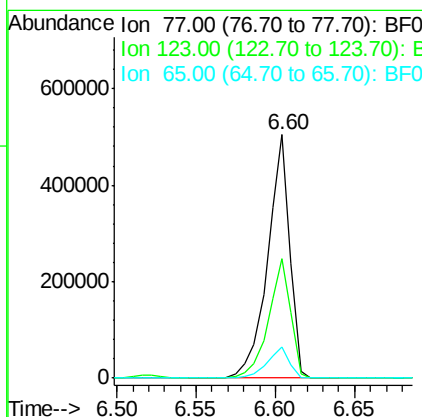
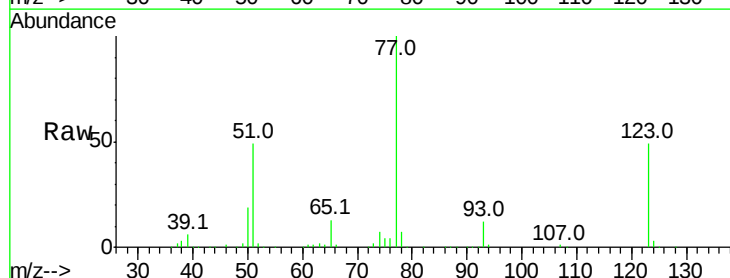
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#24
Nitrobenzene
Concen: 42.44 ng
RT: 6.60 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 43.92 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

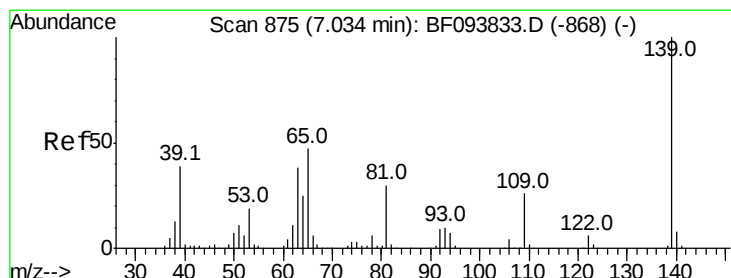
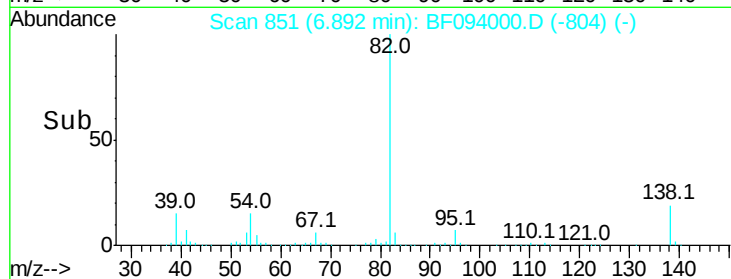
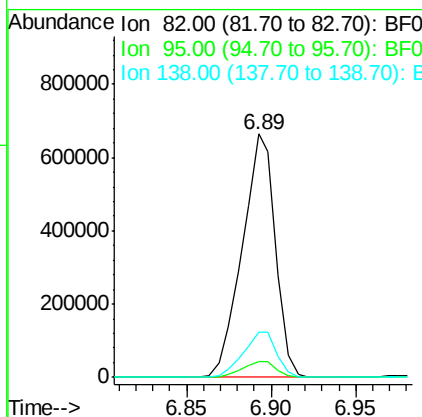
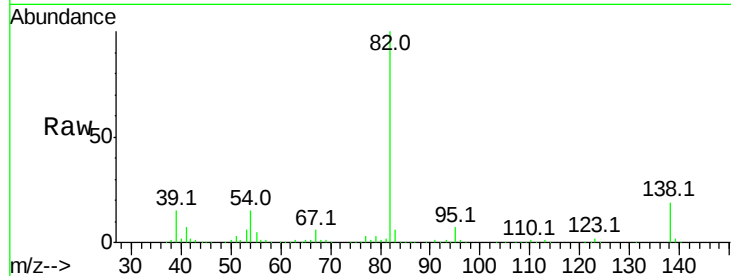
ClientSampleId :

PB97859BS

Tot Ion:	82	Resp:	907835
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	18.7	13.1	19.7

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#26

2-Nitrophenol

Concen: 49.39 ng

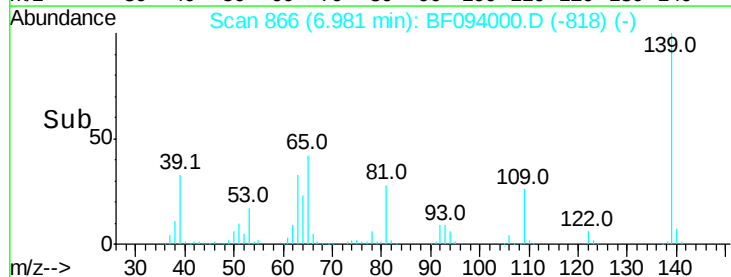
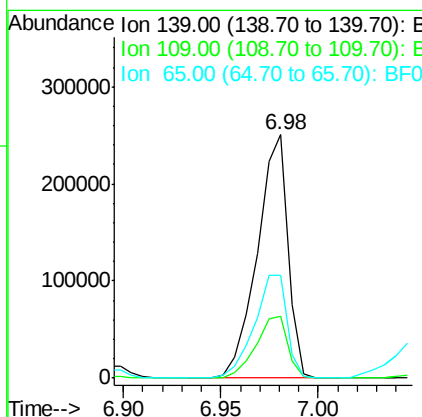
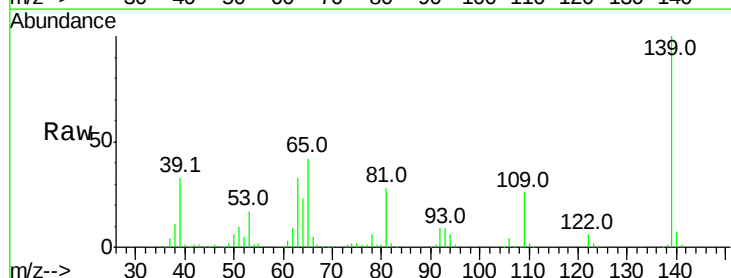
RT: 6.98 min Scan# 866

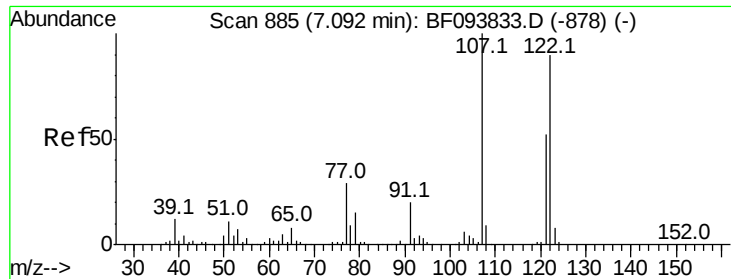
Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion:	139	Resp:	273289
Ion Ratio	Lower	Upper	
139	100		
109	25.6	21.0	31.6
65	42.0	33.0	49.6





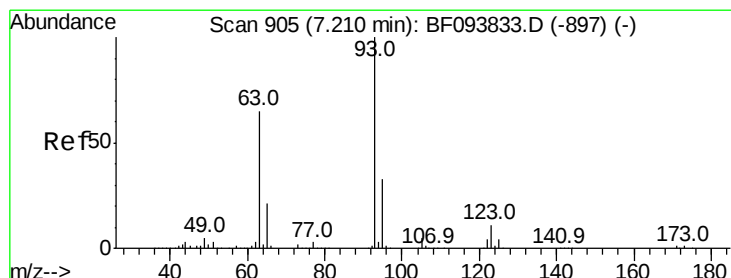
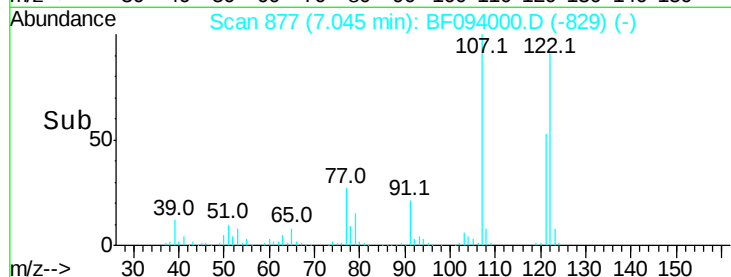
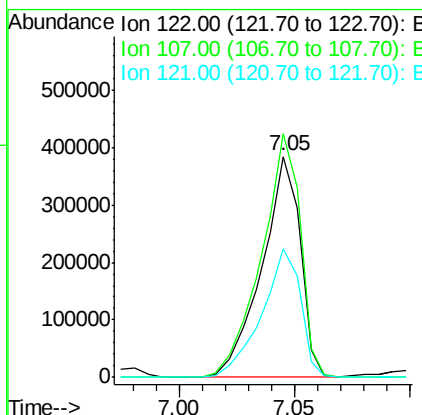
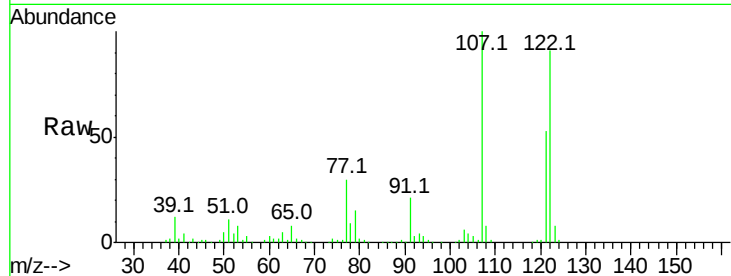
#27
 2,4-Dimethylphenol
 Concen: 46.76 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampled :
 PB97859BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.2	89.2	133.8
121	58.2	45.2	67.8

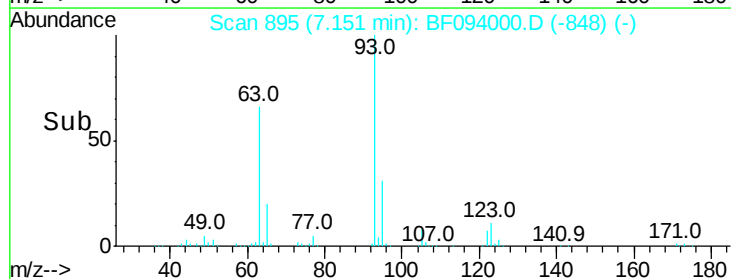
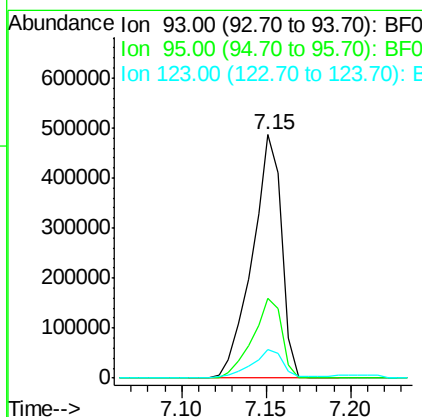
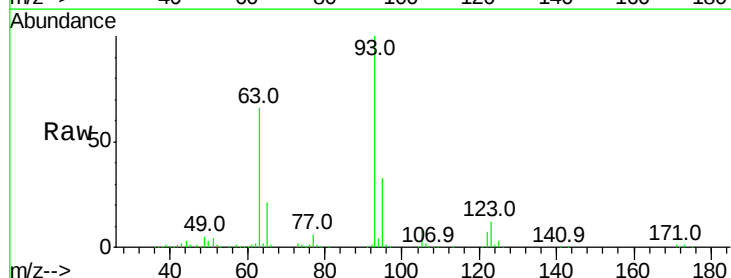
Manual Integrations
 APPROVED

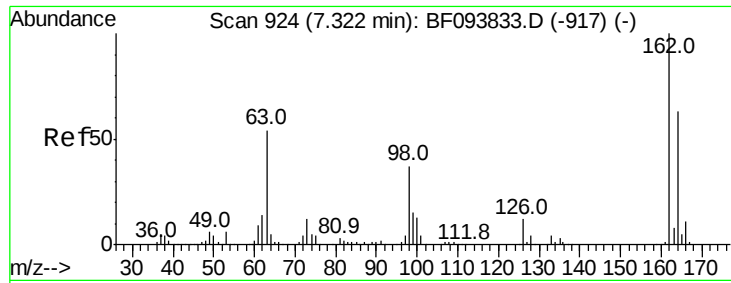
mohammad
 3/29/2017 1:56:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.01 ng
 RT: 7.15 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	11.6	9.0	13.4





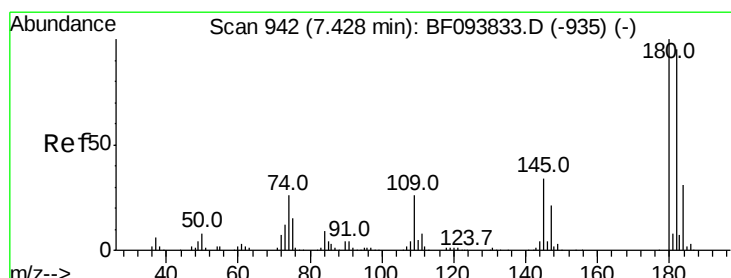
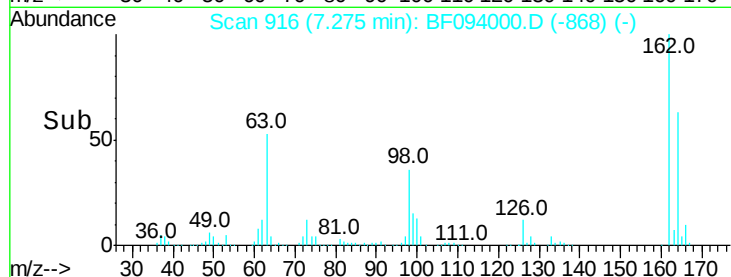
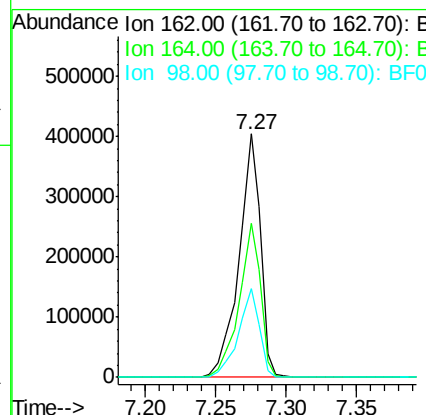
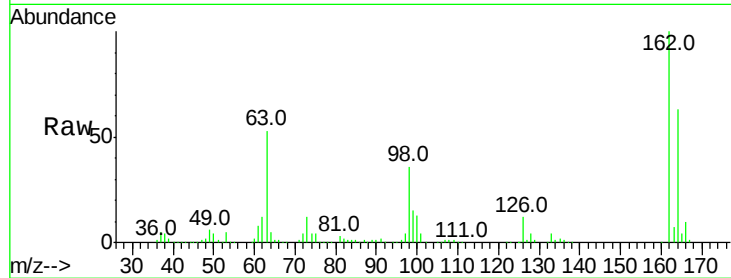
#29
2,4-Dichlorophenol
Concen: 47.99 ng
RT: 7.27 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.2	44.6	84.6
98	36.3	14.8	54.8

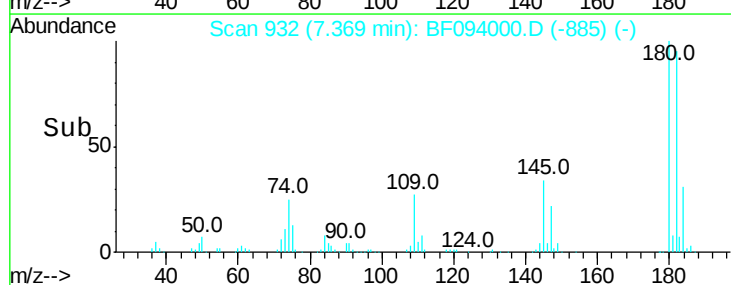
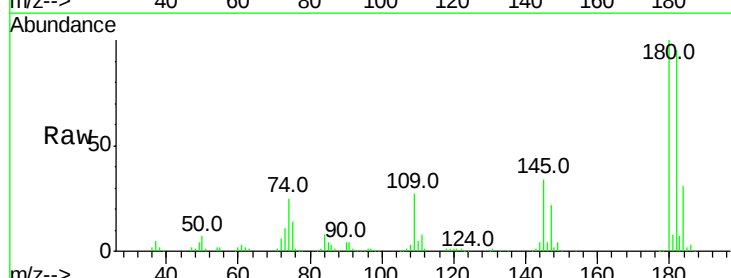
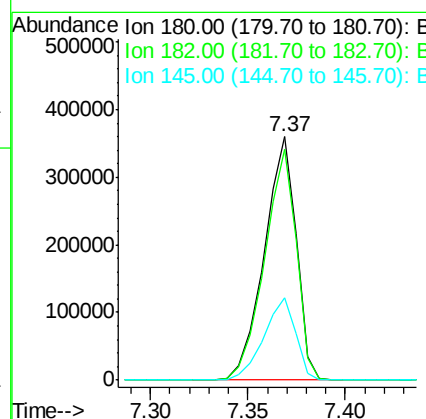
Manual Integrations
APPROVED

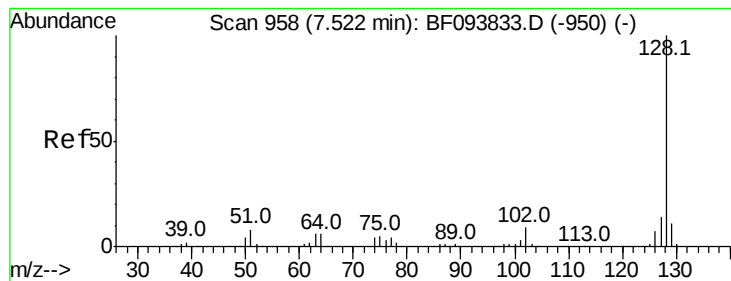
mohammad
3/29/2017 1:56:49 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.25 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	75.8	113.6
145	33.8	25.3	37.9





#31

Naphthalene

Concen: 42.19 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

Tot Ion:128 Resp: 1361848

Ion Ratio Lower Upper

128 100

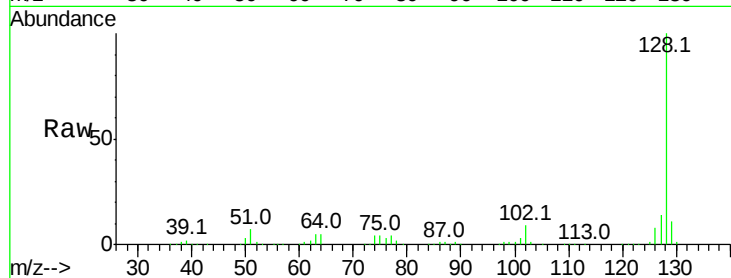
129 11.2 9.0 13.6

127 13.9 10.8 16.2

Manual Integrations
APPROVED

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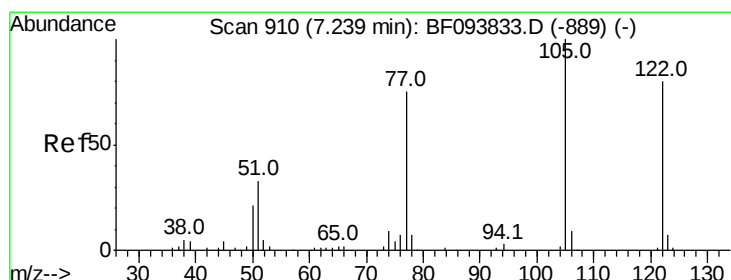
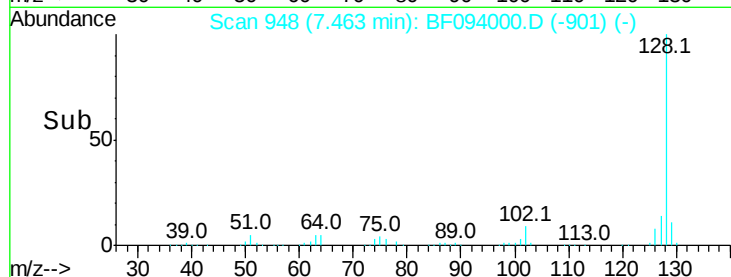
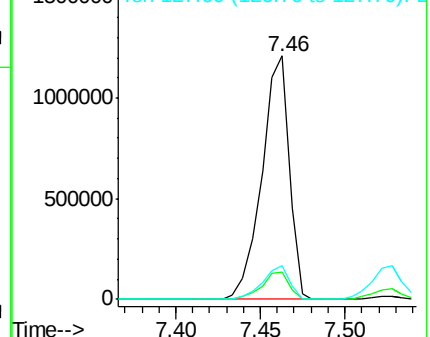
3/29/2017 1:56:49 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.30 ng

RT: 7.22 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

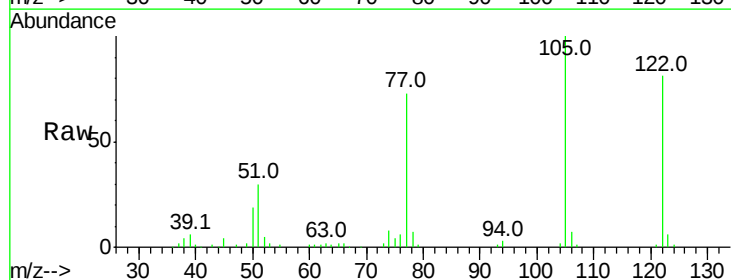
Tgt Ion:122 Resp: 312868

Ion Ratio Lower Upper

122 100

105 122.8 103.3 143.3

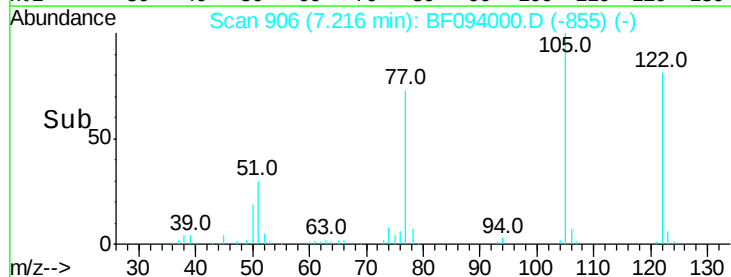
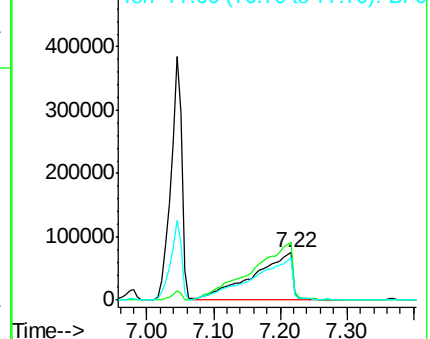
77 89.8 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





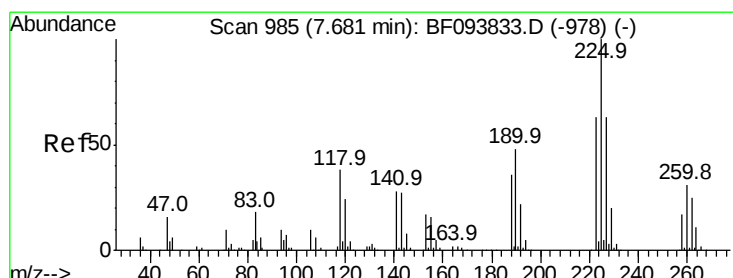
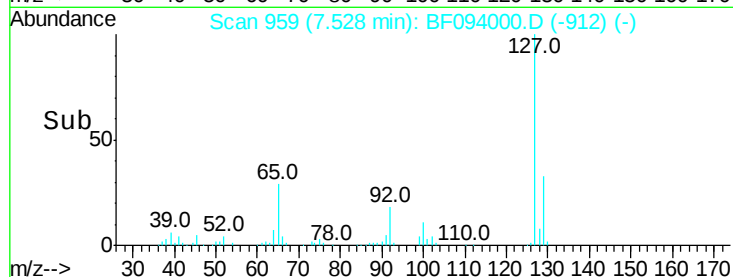
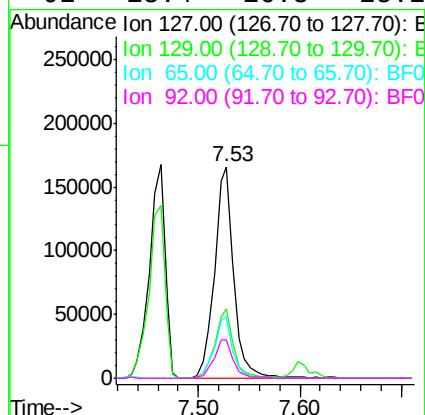
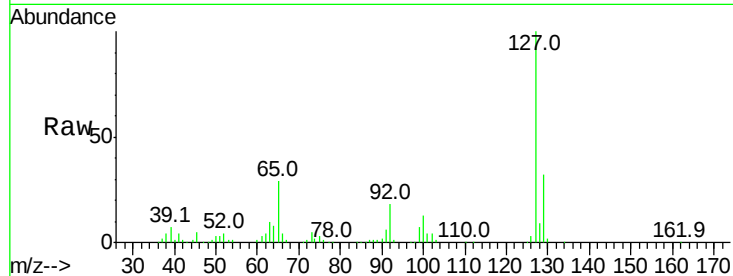
#33
4-Chloroaniline
Concen: 16.71 ng
RT: 7.53 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
218653	127	100			
	129	32.5	26.2	39.2	
	65	28.9	27.8	41.8	
	92	18.4	16.8	25.2	

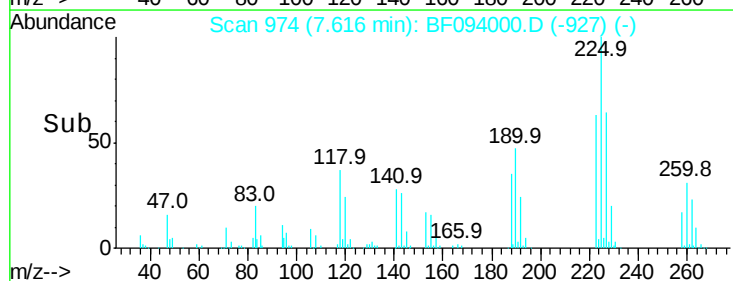
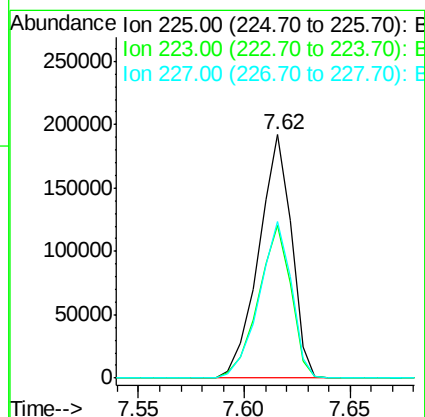
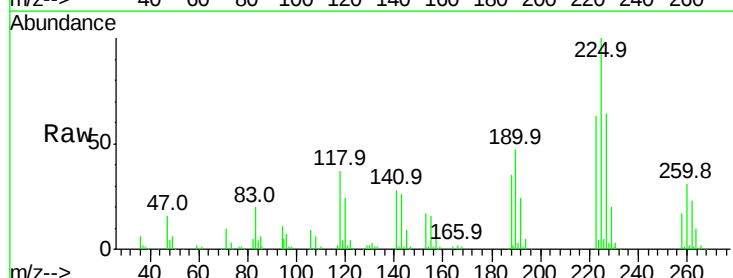
Manual Integrations
APPROVED

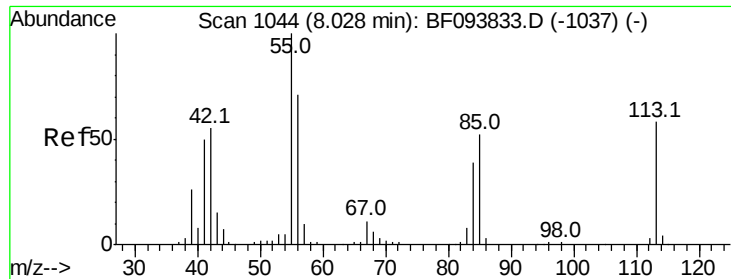
mohammad
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#34
Hexachlorobutadiene
Concen: 44.05 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
207392	225	100			
	223	62.5	48.8	73.2	
	227	64.3	51.1	76.7	





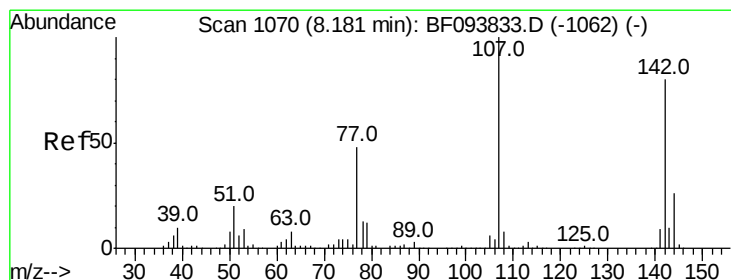
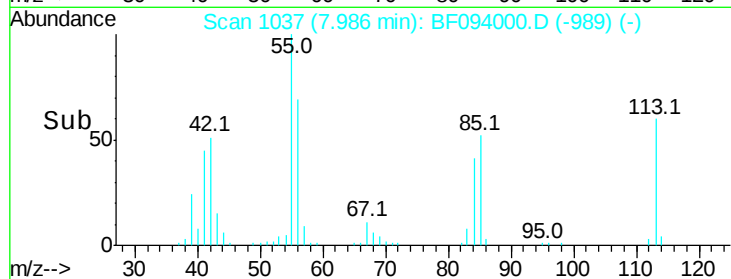
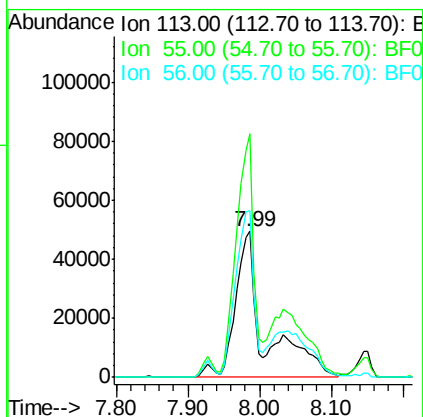
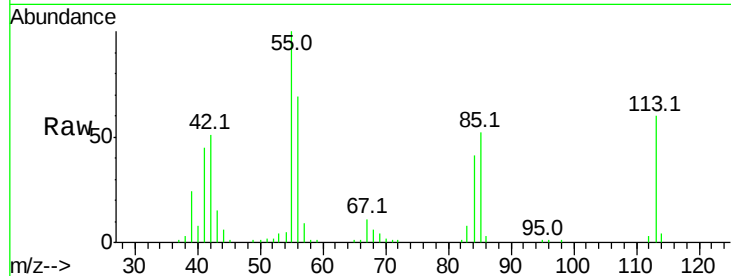
#35
 Caprolactam
 Concen: 48.97 ng/ml
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleID :
 PB97859BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.6	150.2	190.2
56	114.5	107.8	147.8

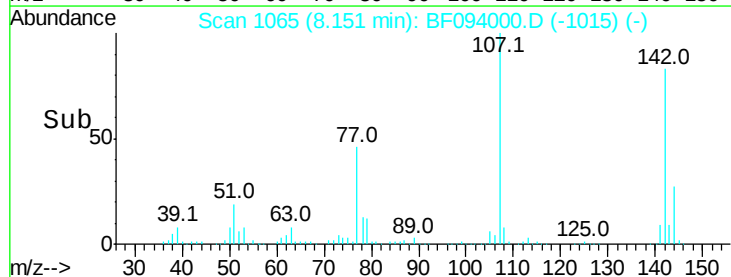
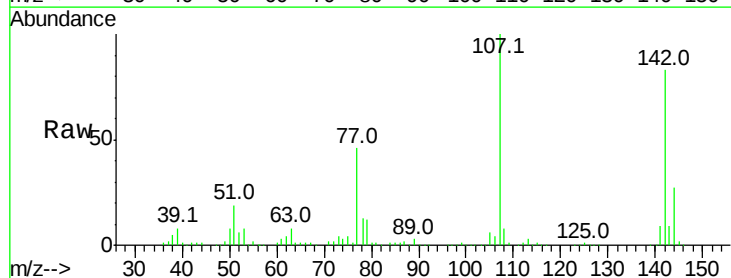
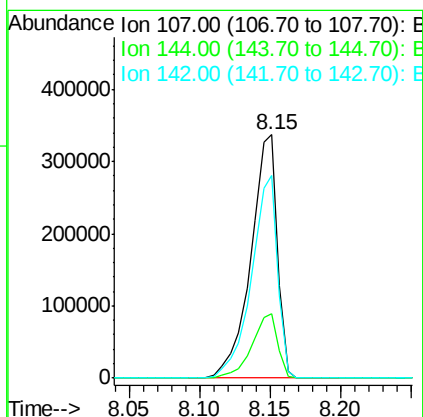
Manual Integrations
 APPROVED

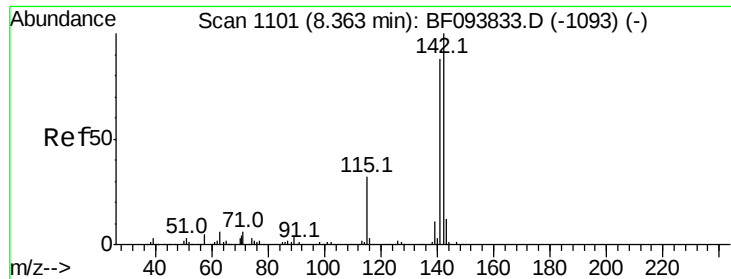
mohammad
 3/29/2017 1:56:49 PM



#36
 4-Chloro-3-methylphenol
 Concen: 48.05 ng/ml
 RT: 8.15 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.6	24.2	36.4
142	83.0	73.4	110.0





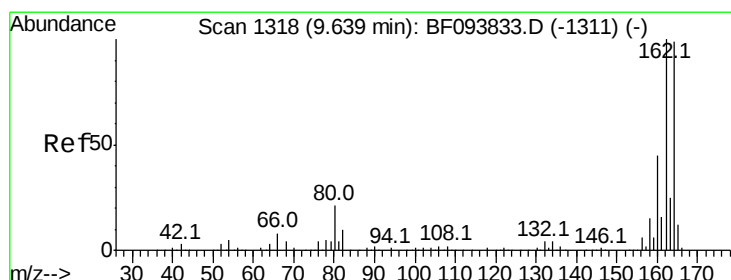
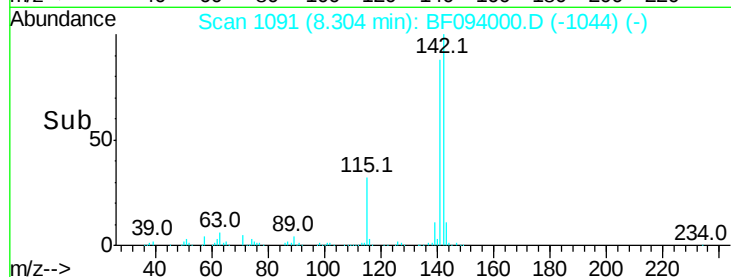
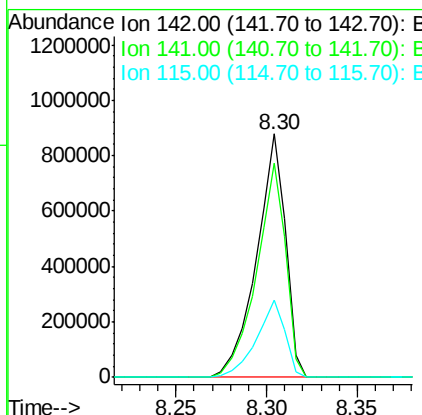
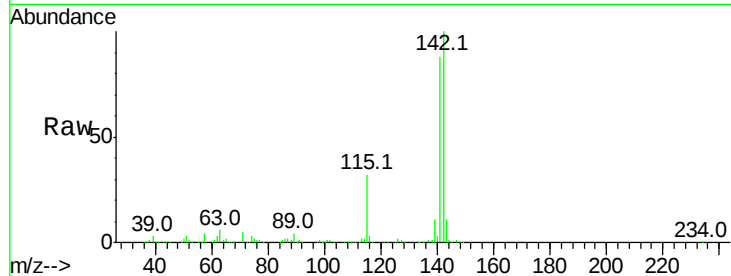
#37
2-Methylnaphthalene
Concen: 45.31 ng
RT: 8.30 min Scan# 1091
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.3	106.9
115	31.9	27.1	40.7

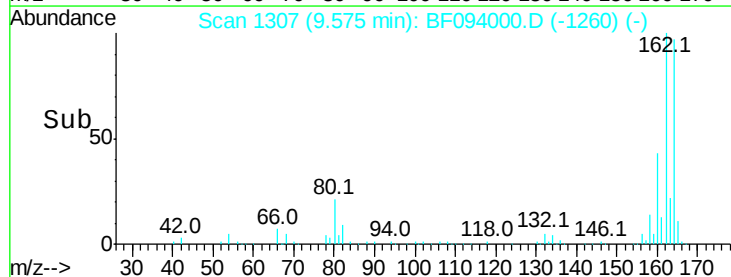
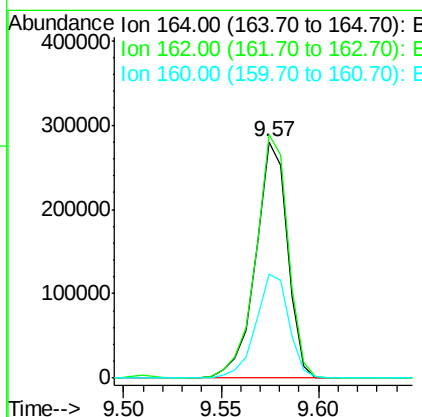
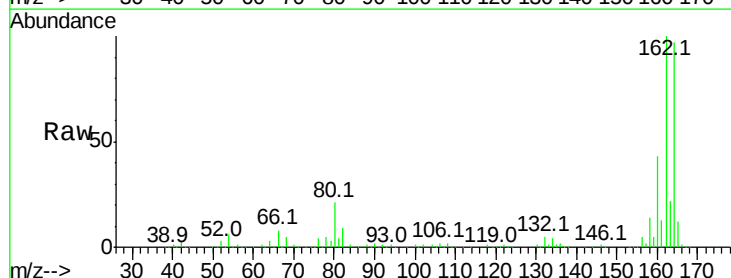
Manual Integrations
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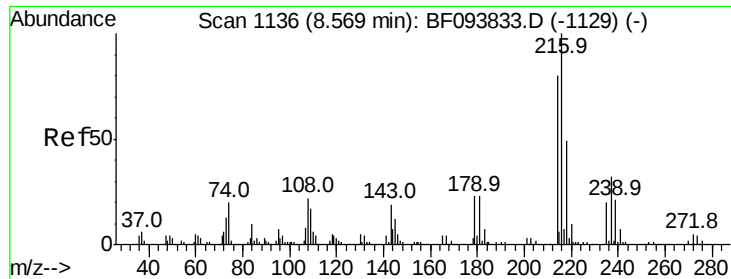
mohammad
3/29/2017 1:56:49 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	43.9	36.2	54.2





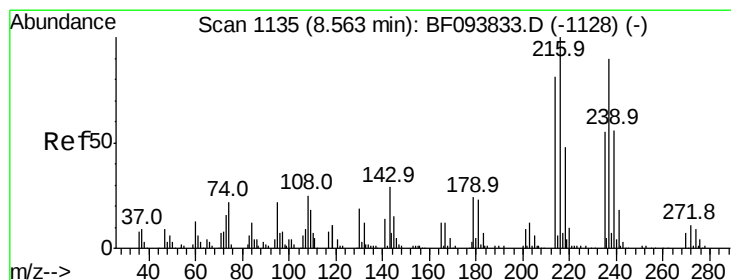
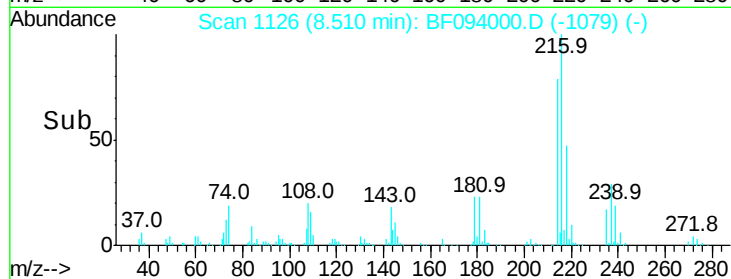
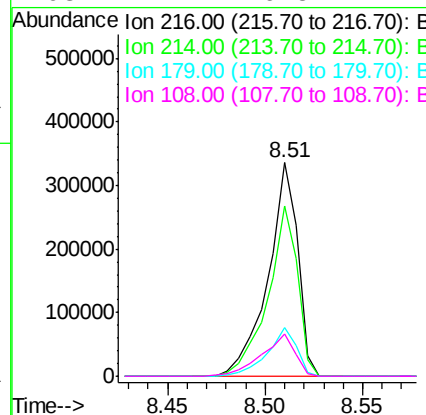
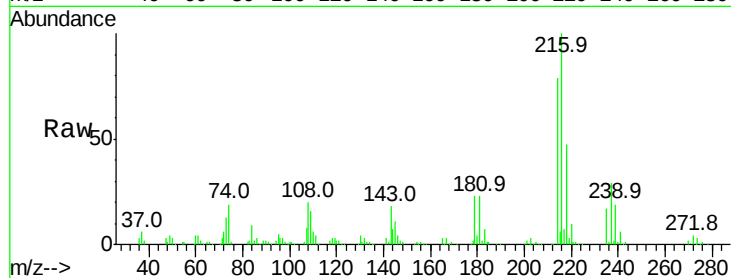
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.06 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	354589		
214	79.3	63.4	95.2	
179	22.4	17.9	26.9	
108	22.1	16.5	24.7	

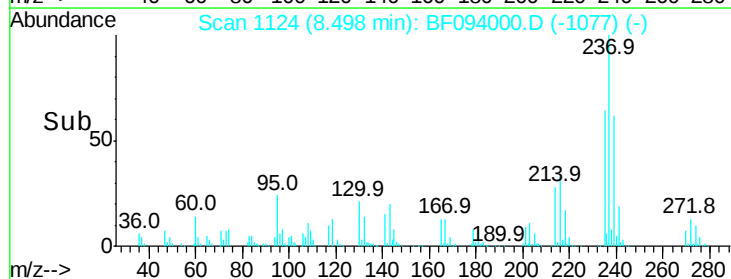
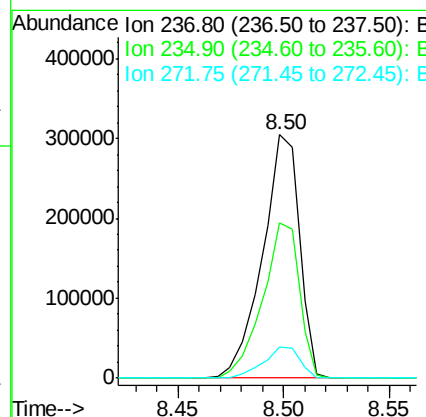
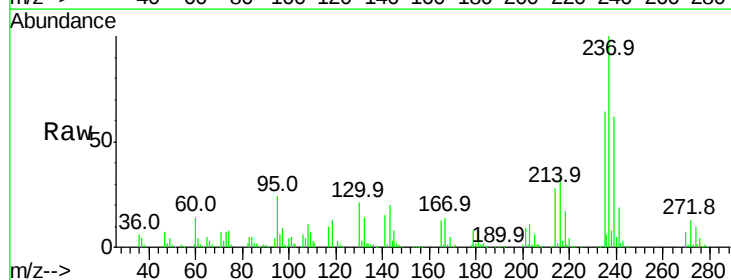
Manual Integrations
 APPROVED

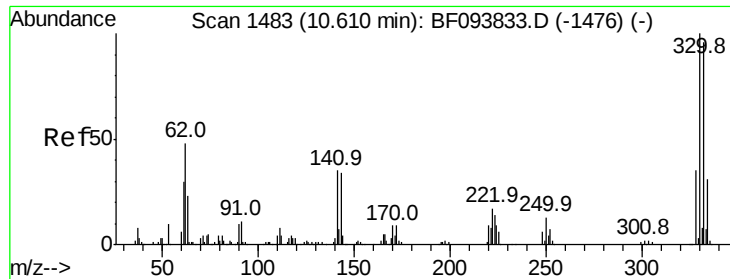
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 92.03 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	371882		
235	63.6	42.6	82.6	
272	12.5	0.0	31.9	





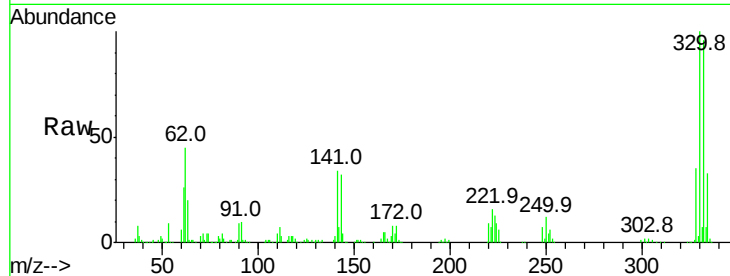
#41
 2,4,6-Tribromophenol
 Concen: 137.41 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	76.6	115.0	
141	38.3	31.4	47.2	

Manual Integrations
 APPROVED

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 3/29/2017 1:56:49 PM

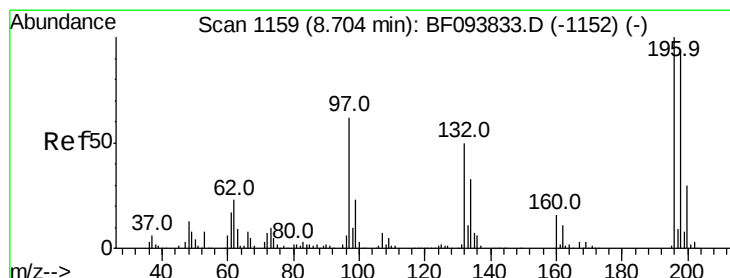
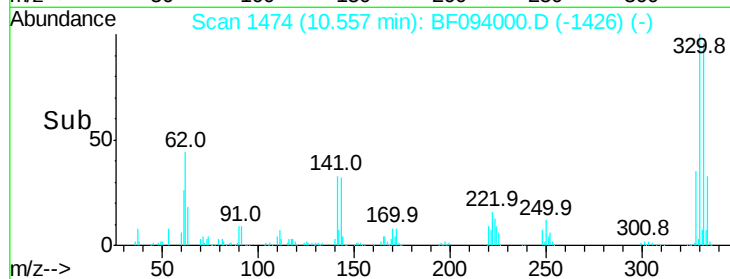
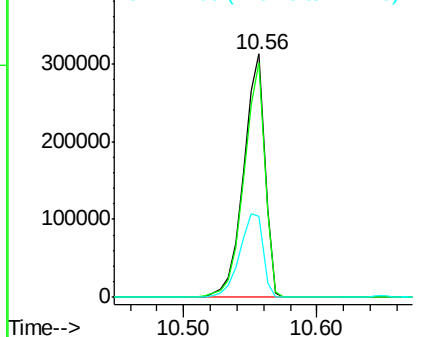


Abundance

Ion 329.80 (329.50 to 330.50): E

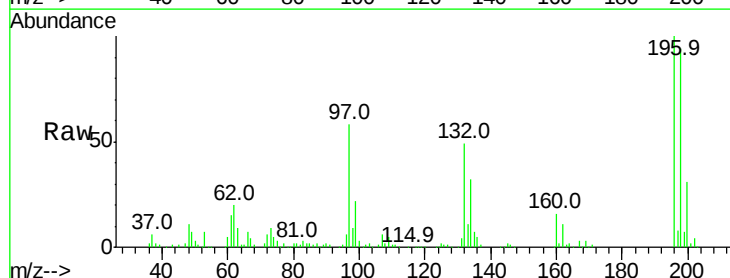
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 47.68 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.7	74.2	111.4	
200	30.9	24.0	36.0	

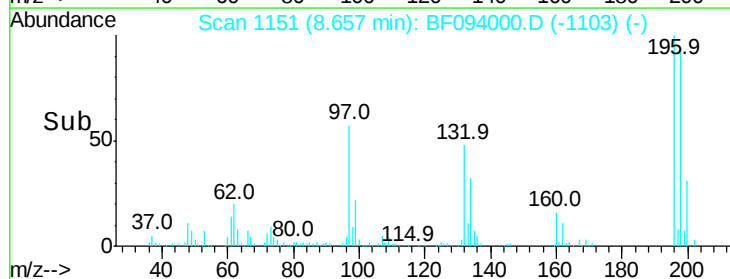
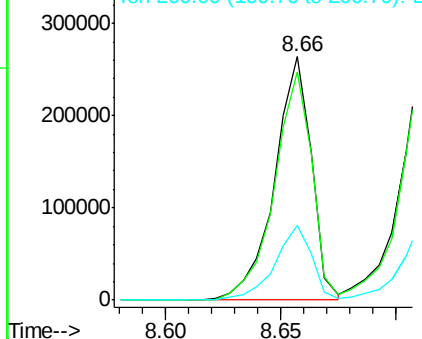


Abundance

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





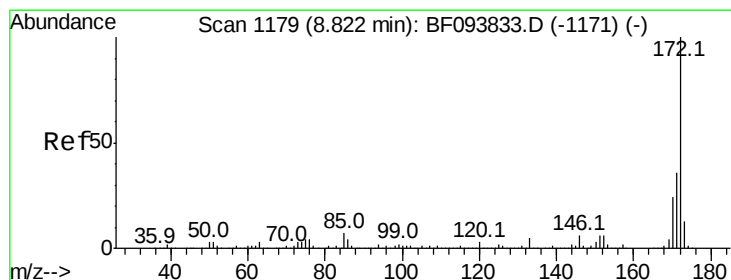
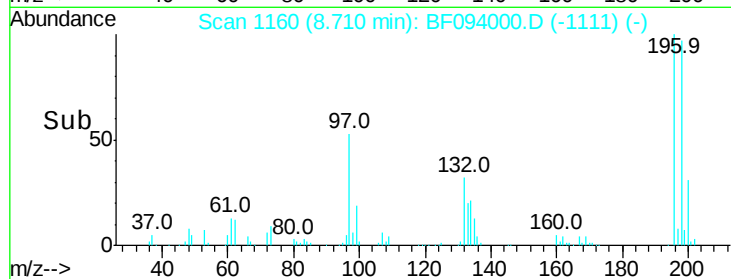
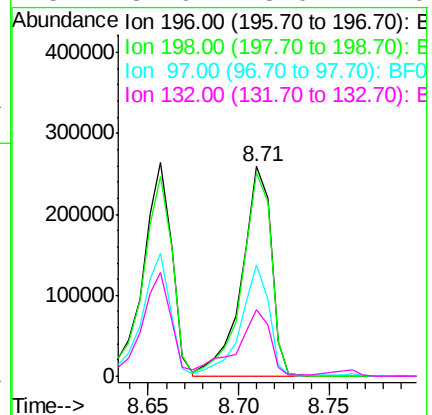
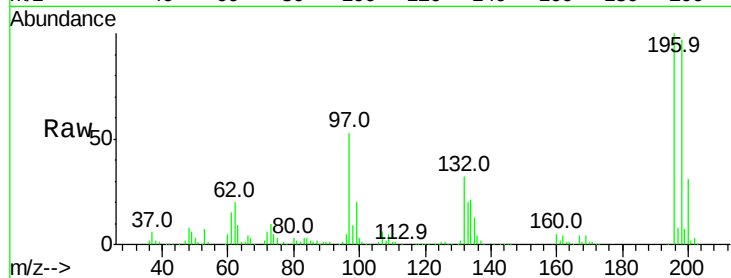
#43
 2,4,5-Trichlorophenol
 Concen: 44.66 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:	196	Resp:	295237
Ion Ratio	Lower	Upper	
196	100		
198	96.7	75.7	113.5
97	52.8	47.7	71.5
132	31.9	28.0	42.0

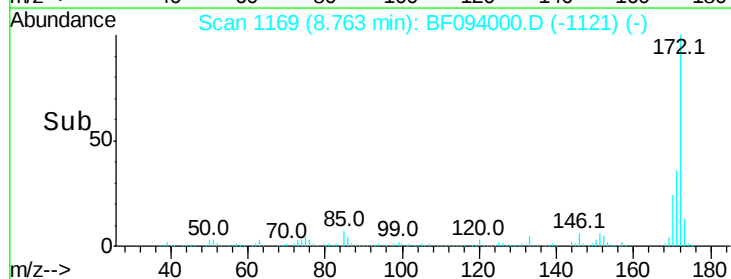
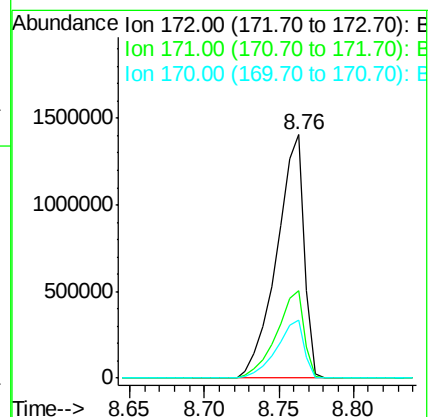
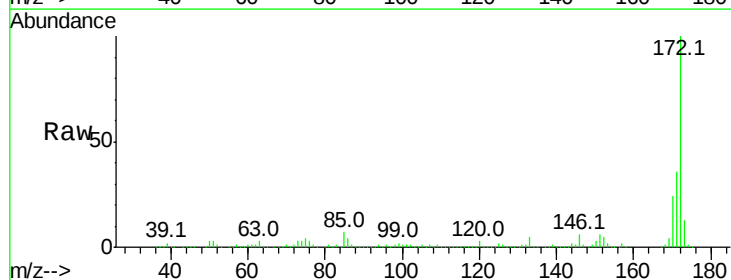
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#44
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 8.76 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:	172	Resp:	1799977
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	24.0	19.8	29.8





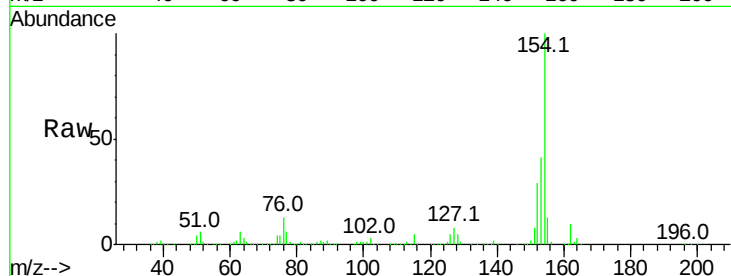
#45
1,1'-Biphenyl
Concen: 42.95 ng
RT: 8.88 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

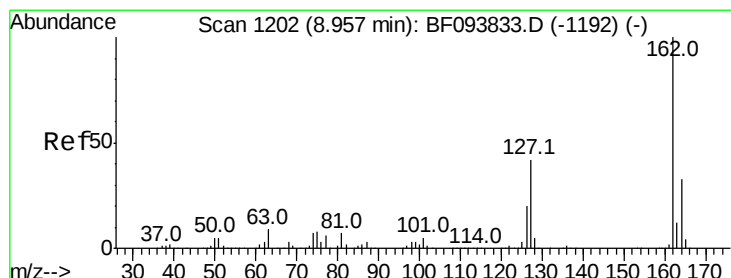
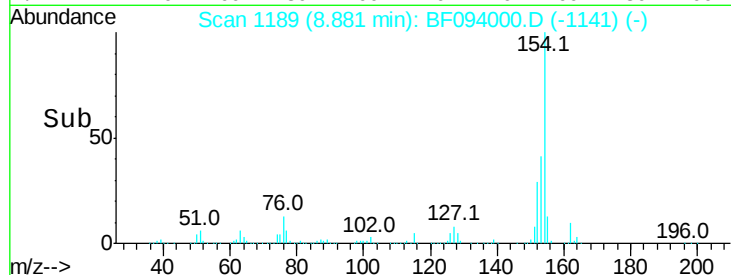
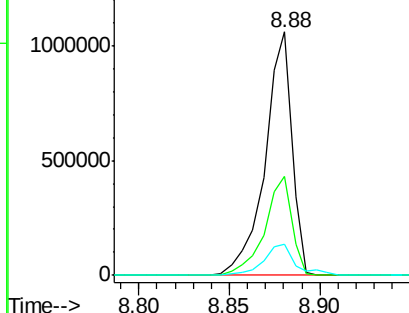
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	12.9	0.0	29.9

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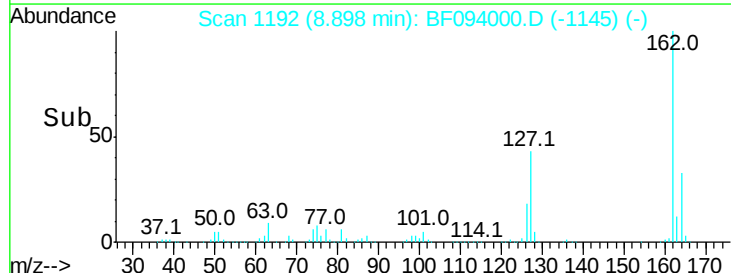
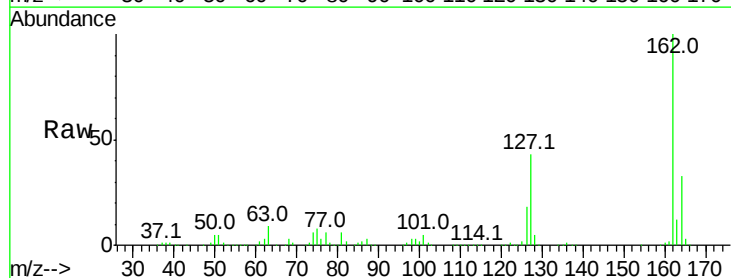
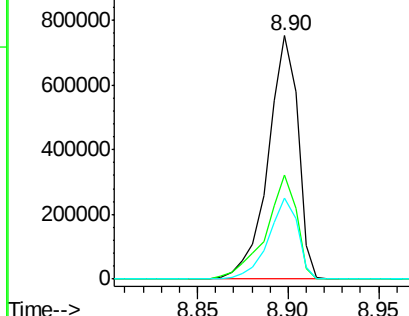
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

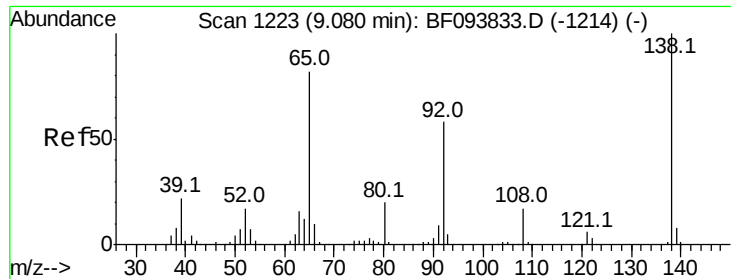


#46
2-Chloronaphthalene
Concen: 43.24 ng
RT: 8.90 min Scan# 1192
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	28.3	42.5#
164	33.4	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





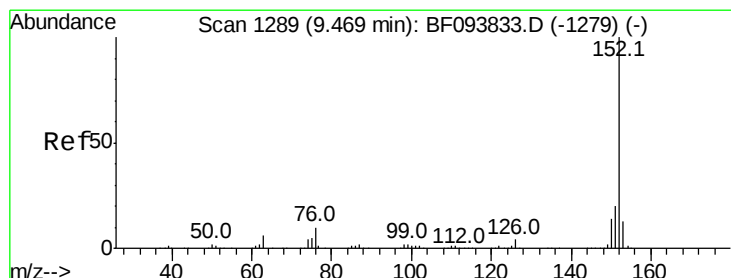
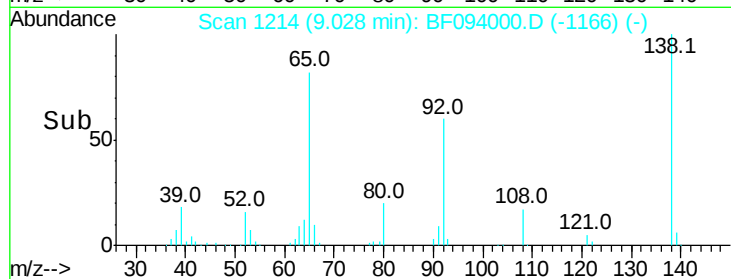
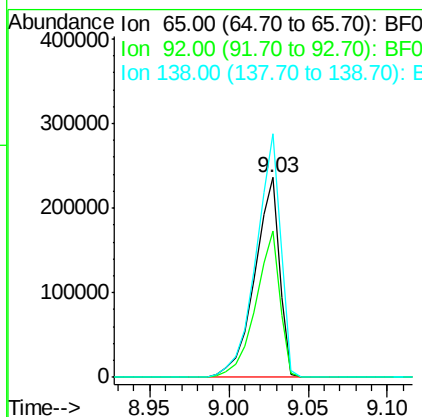
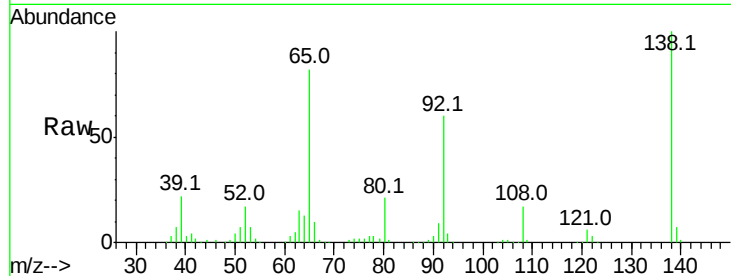
#47
2-Nitroaniline
Concen: 43.76 ng
RT: 9.03 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.5	53.9	80.9
138	122.0	78.8	118.2

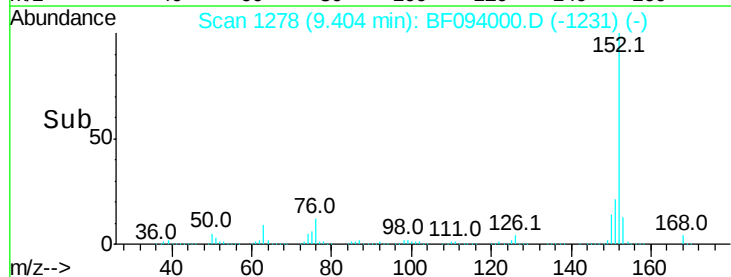
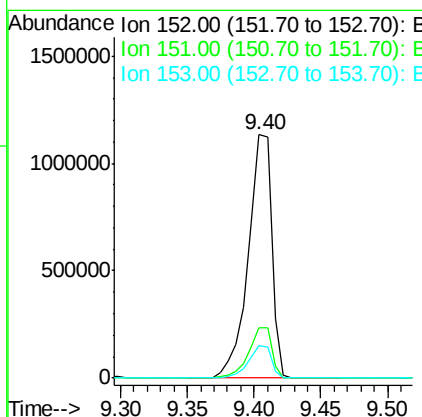
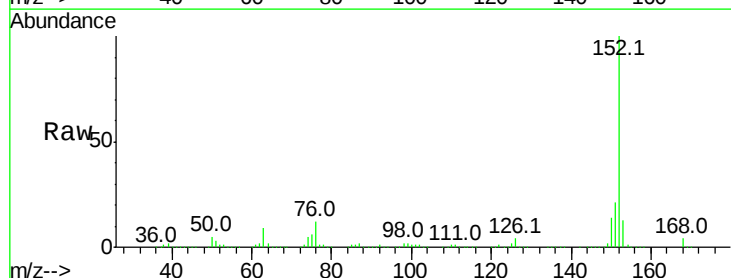
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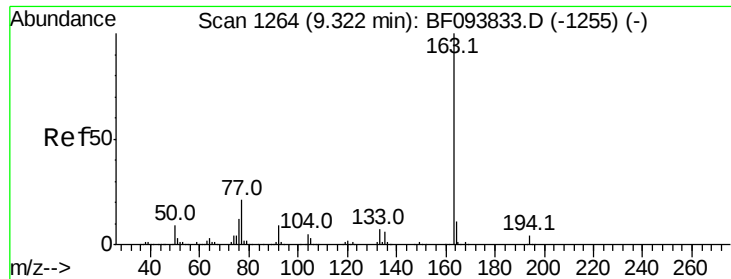
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#48
Acenaphthylene
Concen: 41.19 ng
RT: 9.40 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.4	10.8	16.2





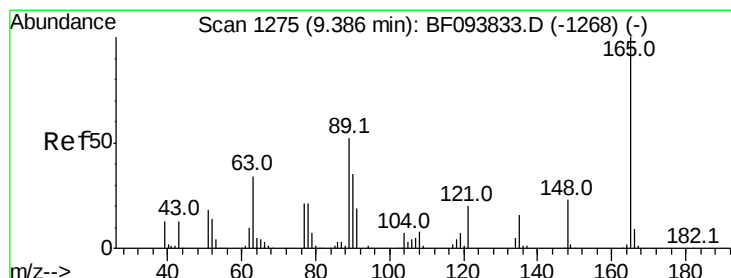
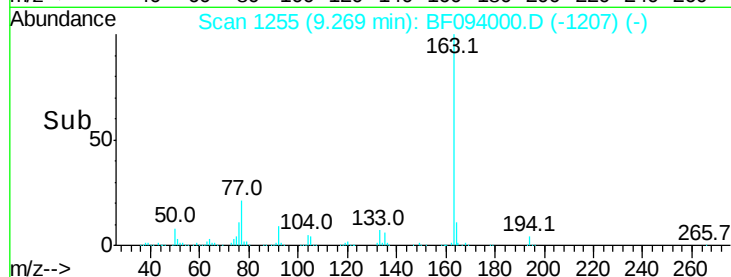
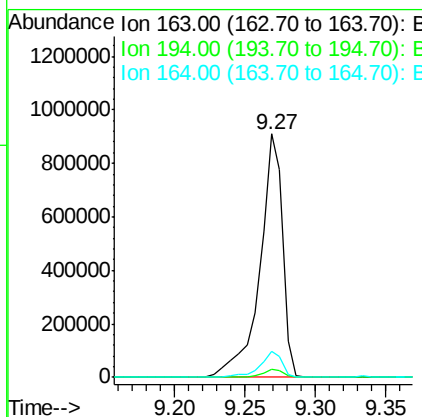
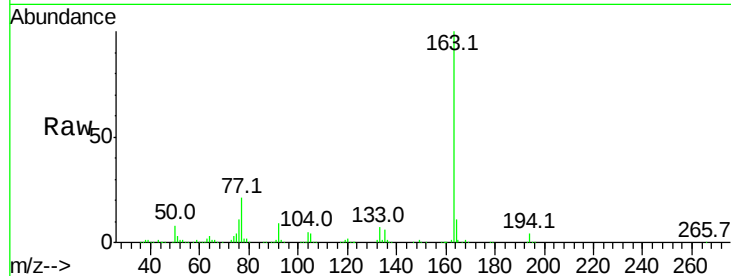
#49
 Dimethylphthalate
 Concen: 46.27 ng
 RT: 9.27 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	163	Resp	1038157
Ion Ratio	100	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.6	8.4	12.6

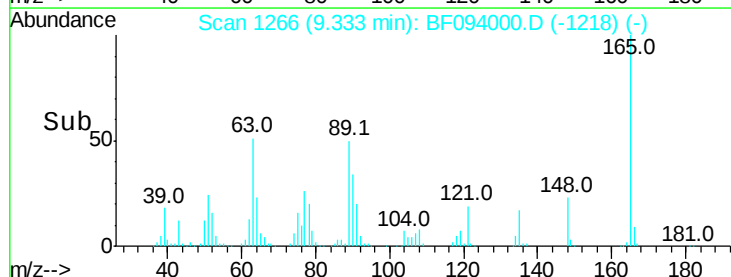
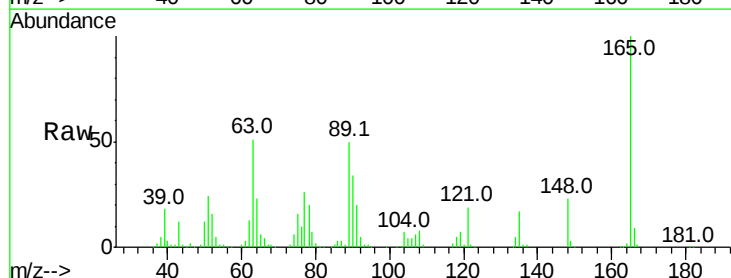
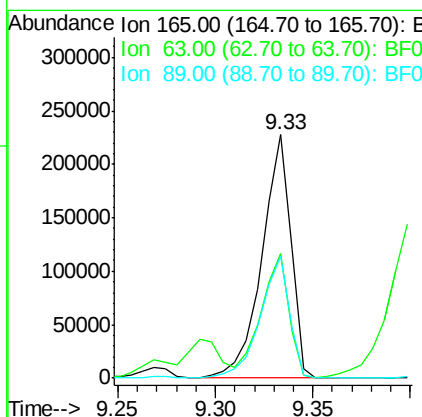
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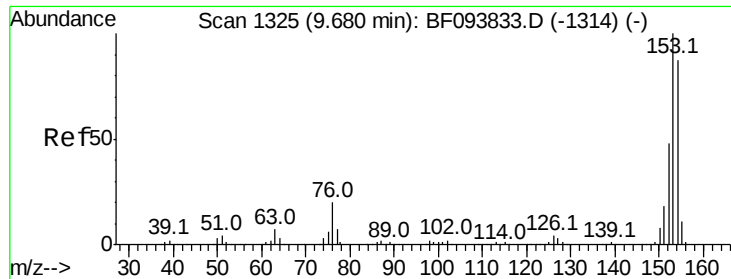
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#50
 2,6-Dinitrotoluene
 Concen: 45.65 ng
 RT: 9.33 min Scan# 1266
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	165	Resp	234811
Ion Ratio	100	Lower	Upper
165	100		
63	50.9	34.3	51.5
89	50.0	37.1	55.7





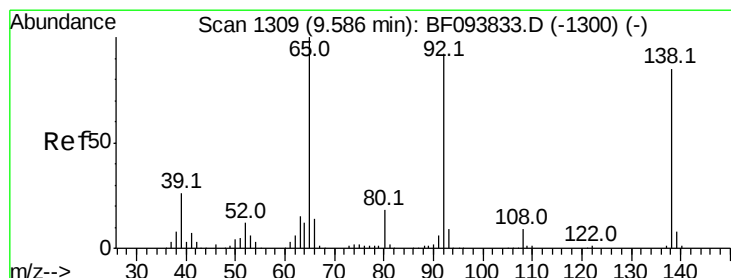
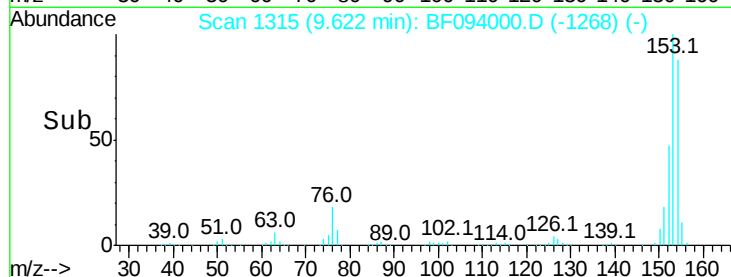
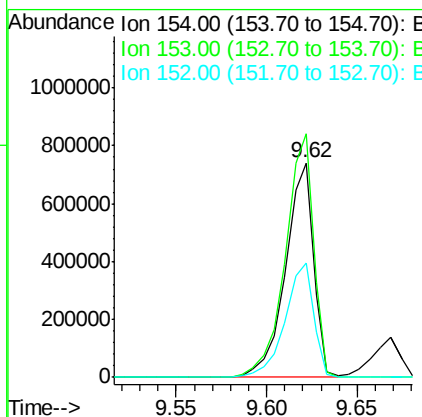
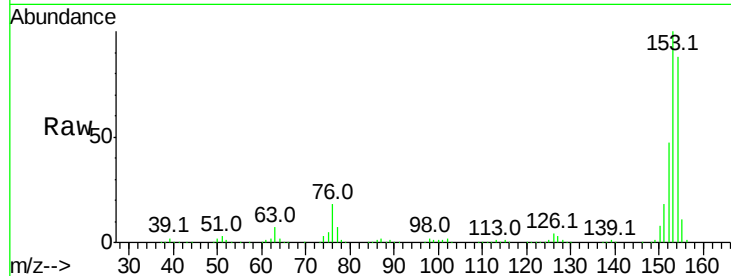
#51
Acenaphthene
Concen: 41.82 ng
RT: 9.62 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampled :
PB97859BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.5	135.7
152	53.5	43.6	65.4

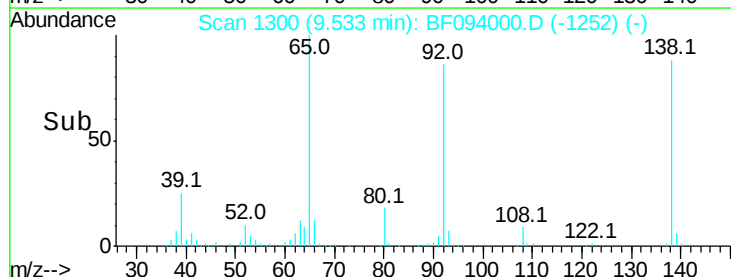
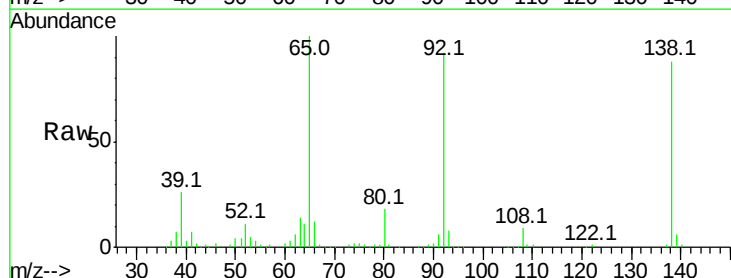
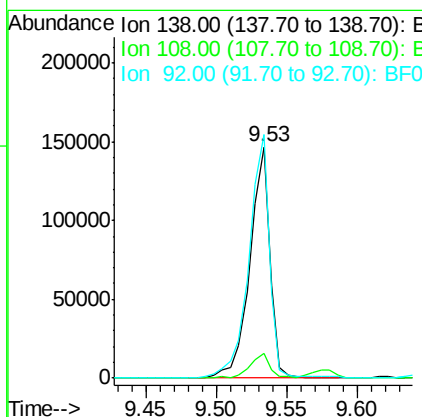
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#52
3-Nitroaniline
Concen: 24.34 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	105.3	93.8	140.6





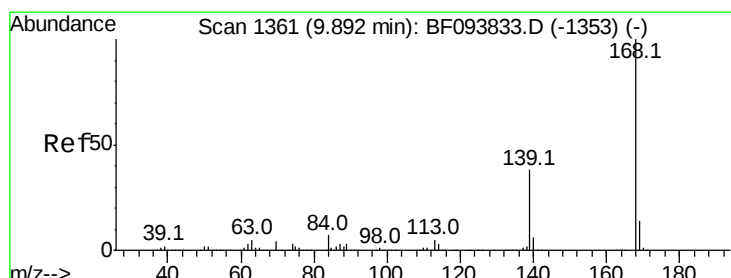
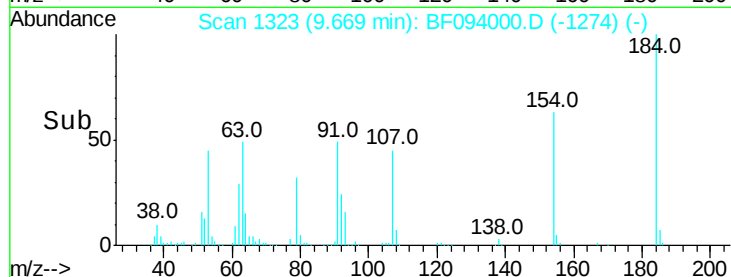
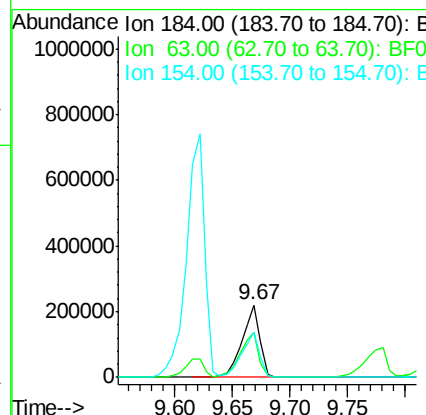
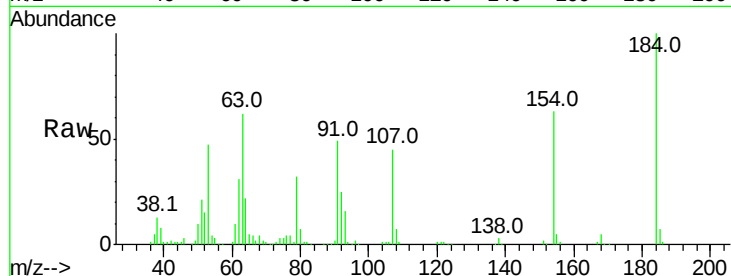
#53
 2,4-Dinitrophenol
 Concen: 85.69 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	236837		
63	61.7	62.7	94.1#	
154	62.9	81.1	121.7#	

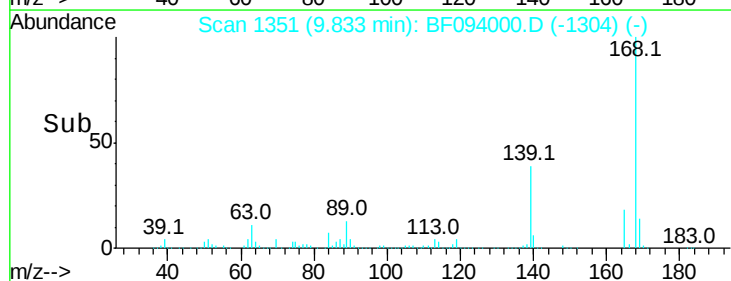
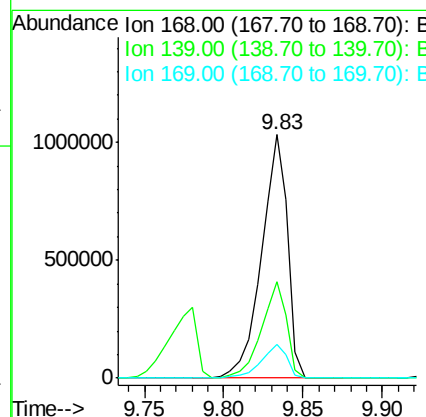
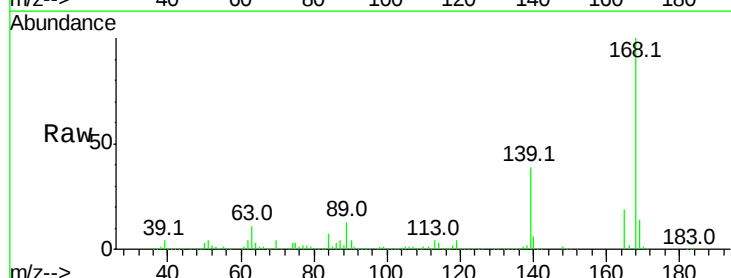
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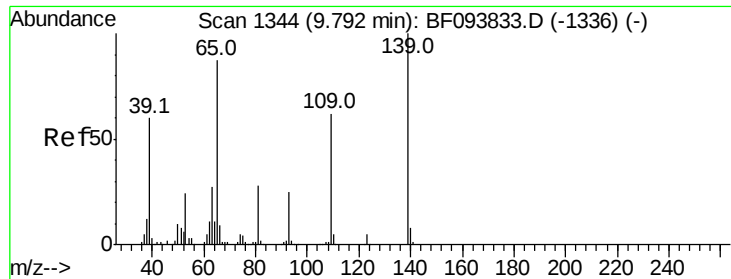
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#54
 Dibenzofuran
 Concen: 44.53 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1171725		
139	39.4	30.6	45.8	
169	13.7	10.8	16.2	





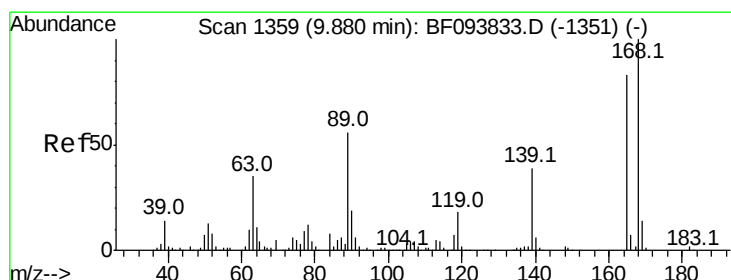
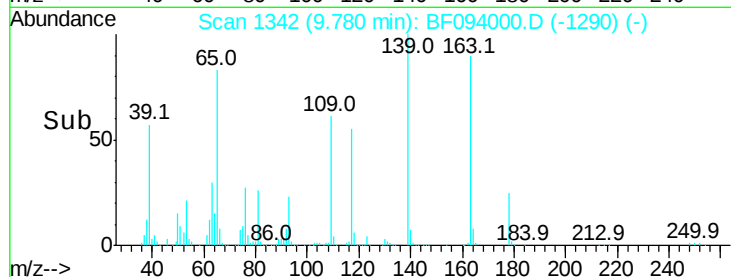
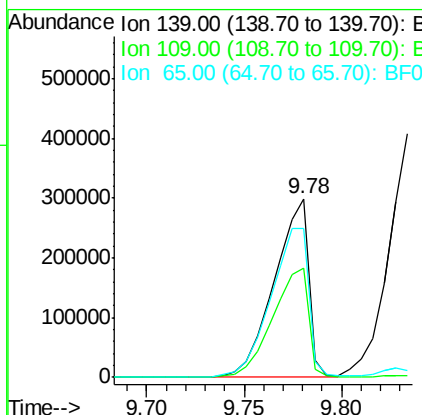
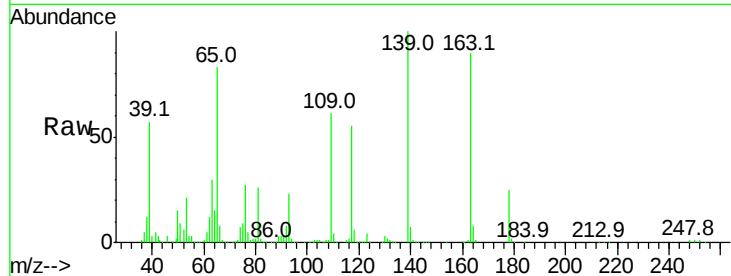
#55
4-Nitrophenol
Concen: 77.85 ng
RT: 9.78 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.1	34.1	74.1	
65	83.0	31.4	71.4	

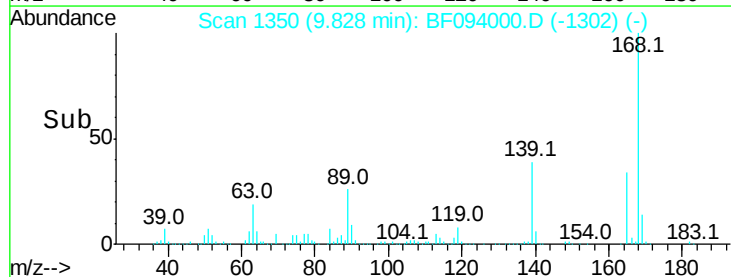
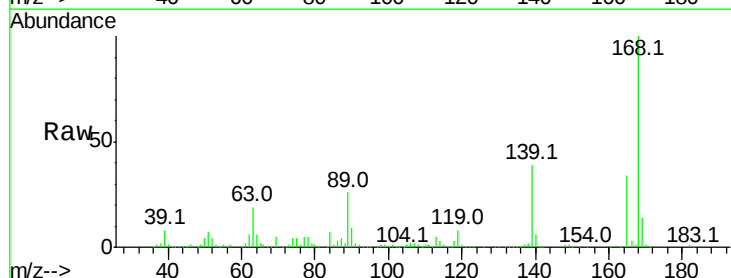
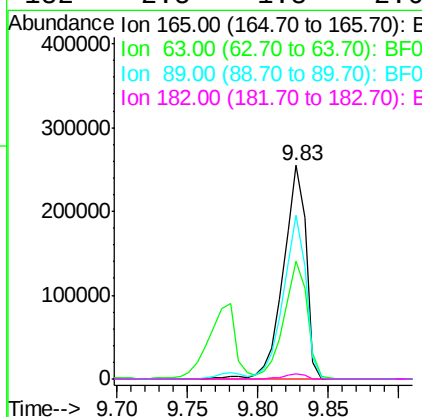
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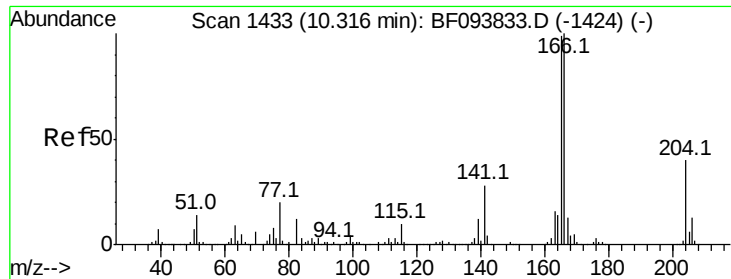
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#56
2,4-Dinitrotoluene
Concen: 44.20 ng
RT: 9.83 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.9	25.4	38.0	
89	76.8	46.4	69.6	
182	2.5	1.8	2.6	





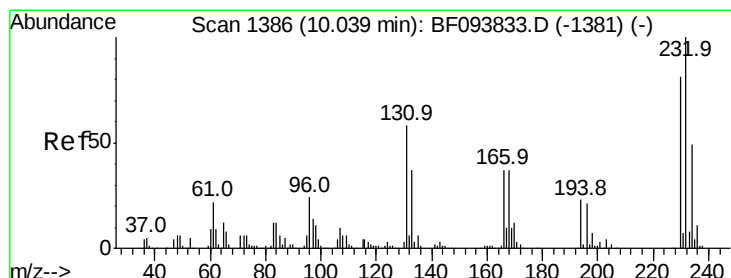
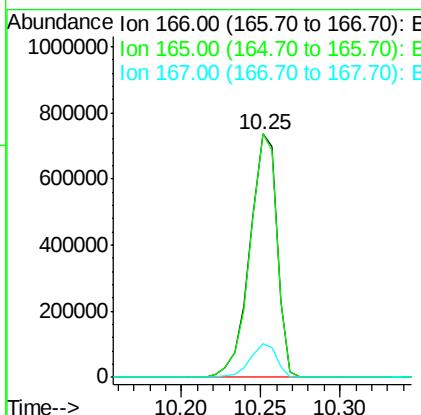
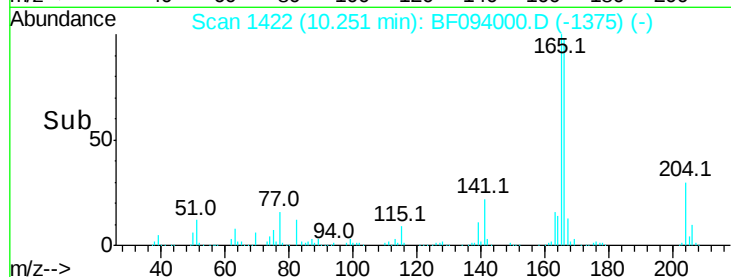
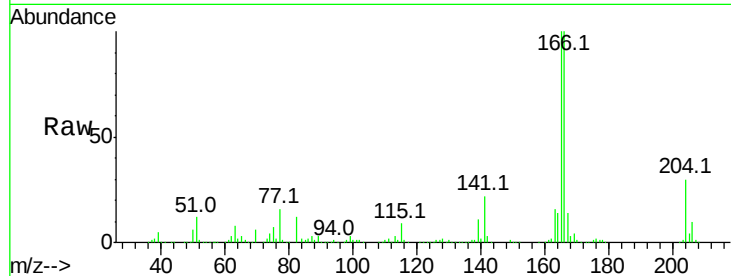
#57
Fluorene
 Concen: 40.36 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleID :
 PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	78.8	118.2	
167	13.7	10.6	16.0	

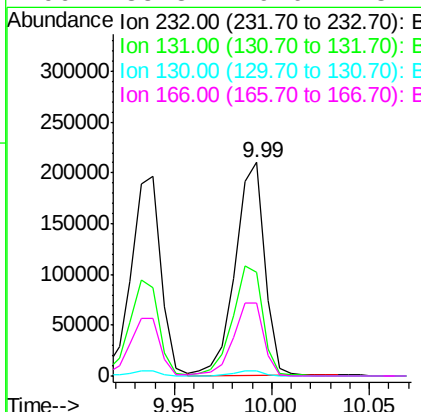
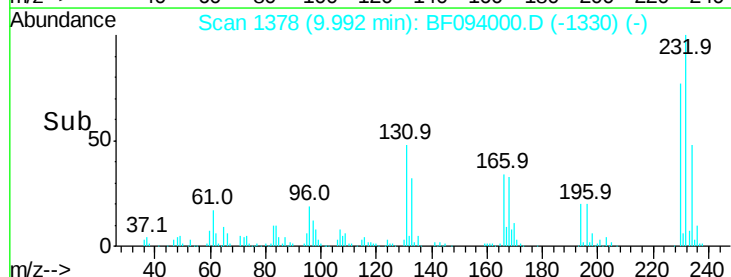
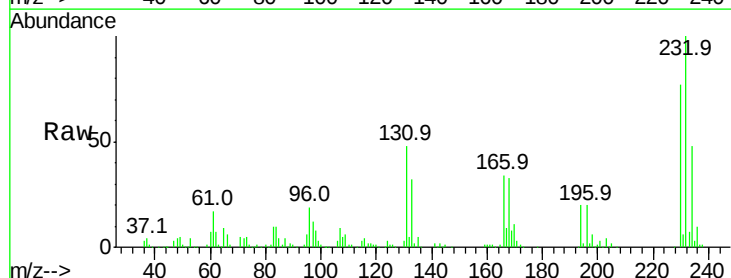
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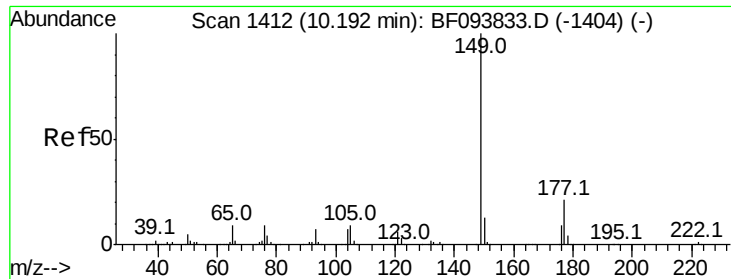
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.51 ng
 RT: 9.99 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	52.6	44.8	67.2	
130	2.6	2.3	3.5	
166	35.8	29.0	43.4	





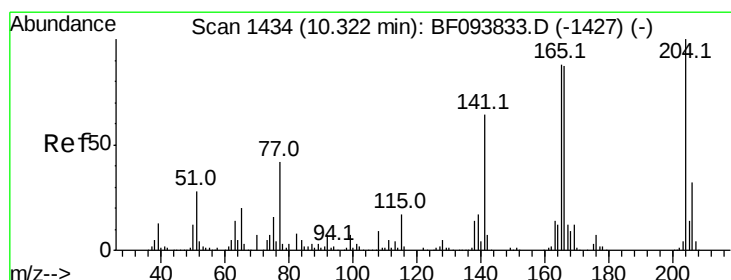
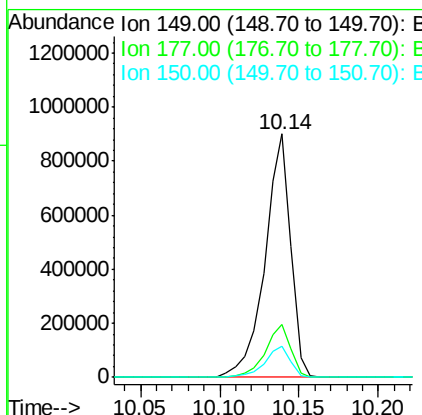
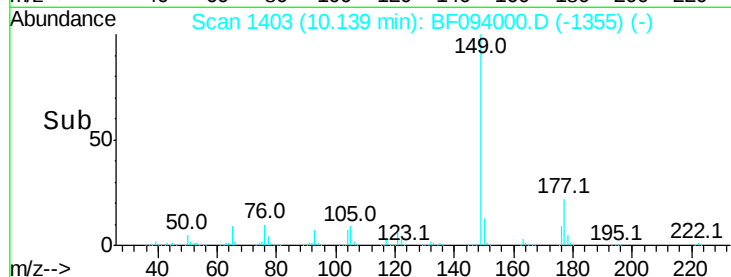
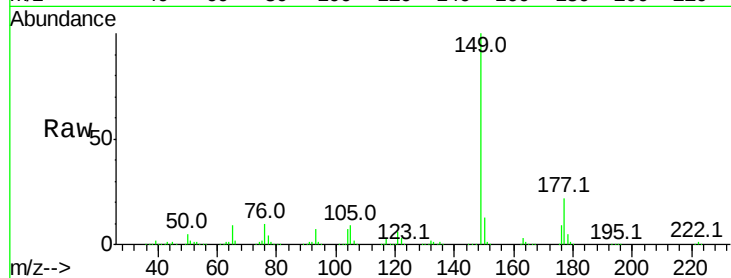
#59
Diethylphthalate
Concen: 45.92 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion:149 Resp: 1018385
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.5 10.2 15.2

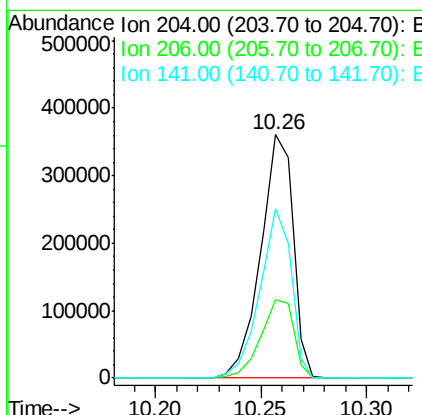
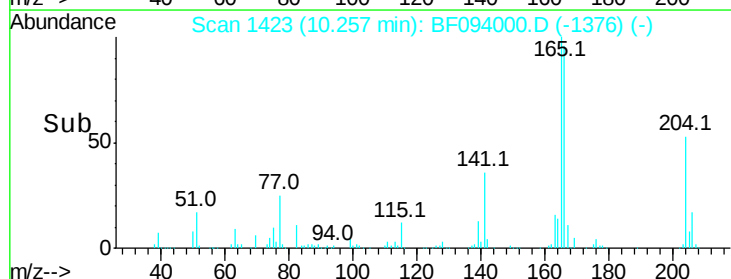
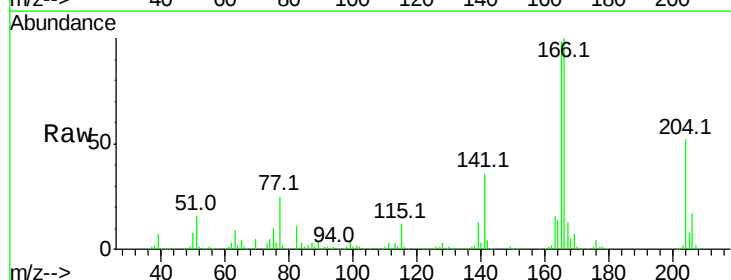
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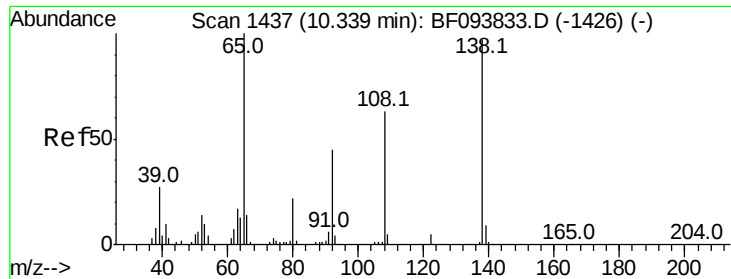
mohammad
3/29/2017 1:56:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.73 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion:204 Resp: 387920
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 69.7 60.8 91.2





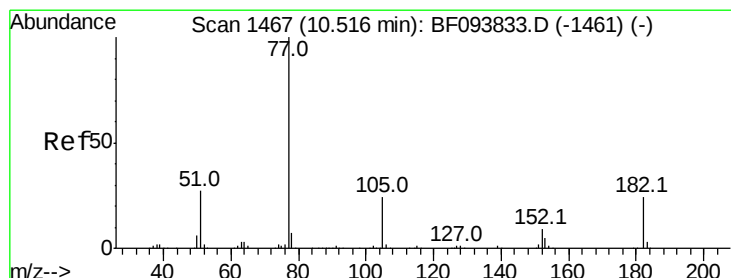
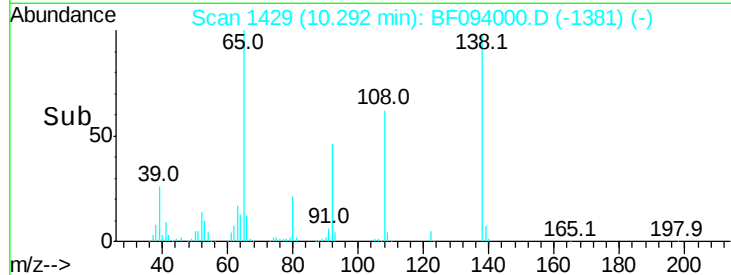
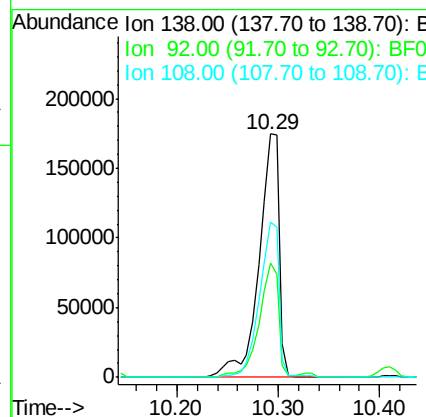
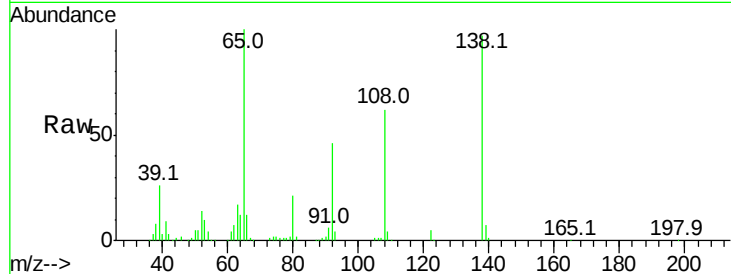
#61
4-Nitroaniline
Concen: 41.73 ng
RT: 10.29 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	241848		
92	47.0	21.8	61.8	
108	63.9	42.3	82.3	

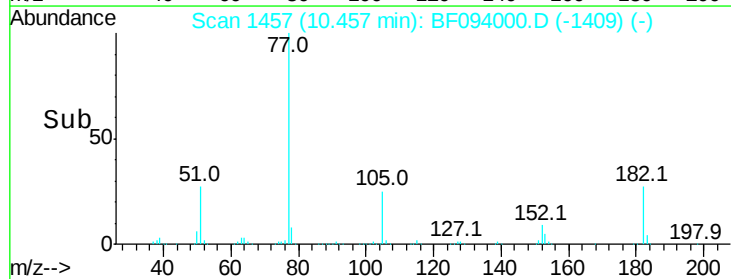
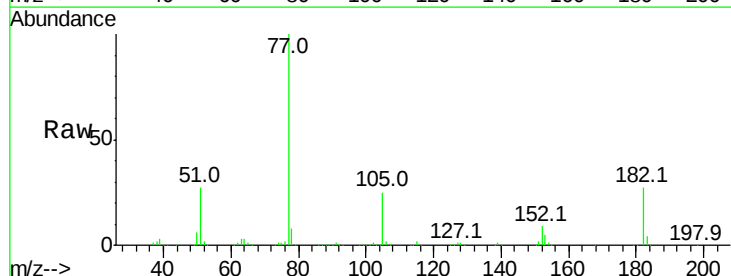
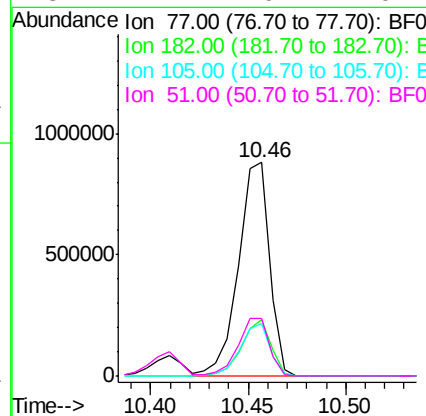
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#62
Azobenzene
Concen: 46.20 ng
RT: 10.46 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	969229		
182	26.6	0.1	40.1	
105	24.6	3.6	43.6	
51	27.2	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

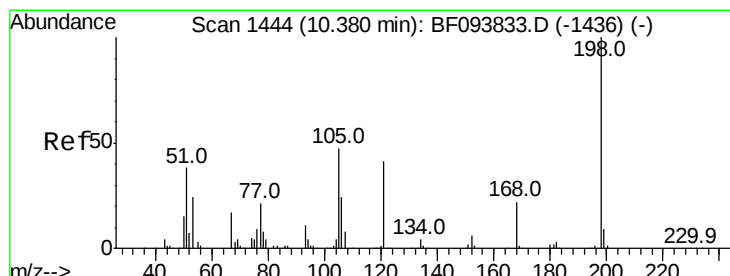
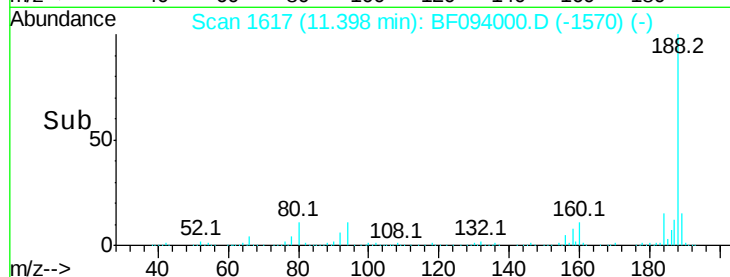
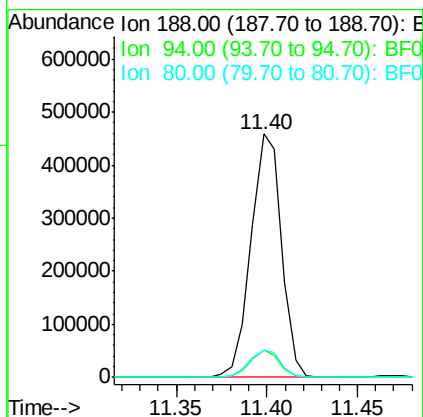
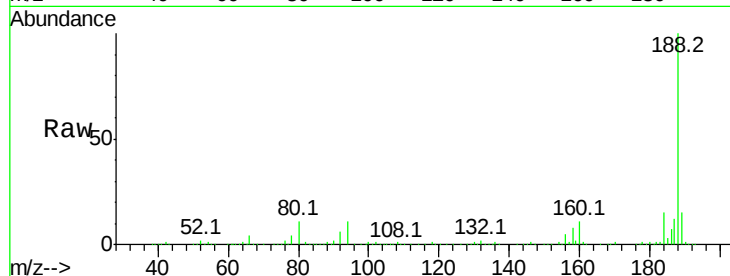
ClientSampleId :

PB97859BS

Tot Ion:	188	Resp:	537127
Ion Ratio	Lower	Upper	
188	100		
94	11.4	9.4	14.2
80	11.4	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.51 ng

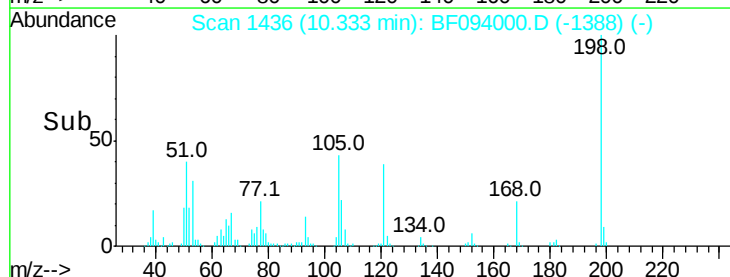
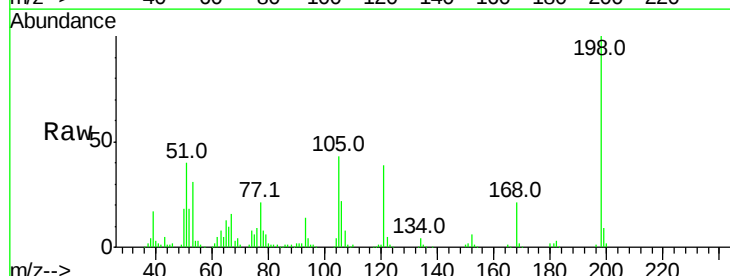
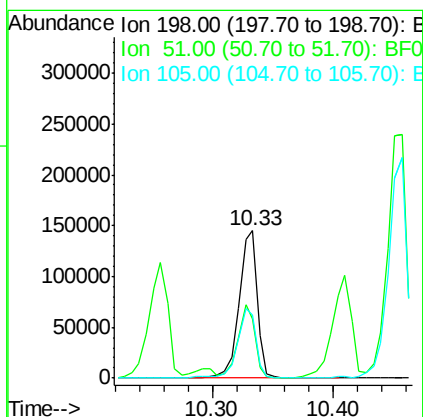
RT: 10.33 min Scan# 1436

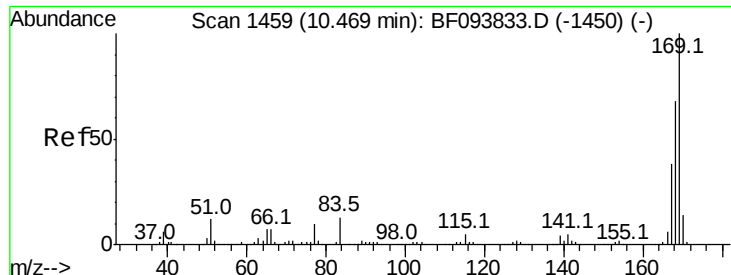
Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion:	198	Resp:	153010
Ion Ratio	Lower	Upper	
198	100		
51	39.8	53.2	93.2#
105	43.1	45.8	85.8#





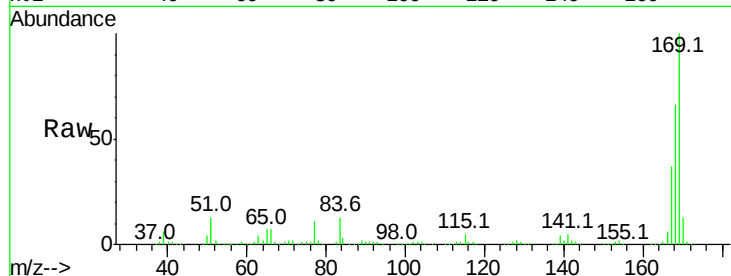
#65
 n-Nitrosodiphenylamine
 Concen: 45.83 ng
 RT: 10.41 min Scan# 1449
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampled :
 PB97859BS

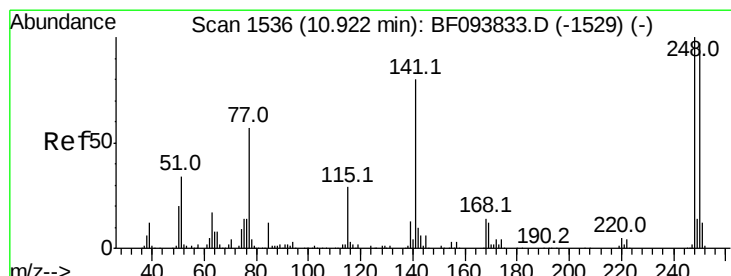
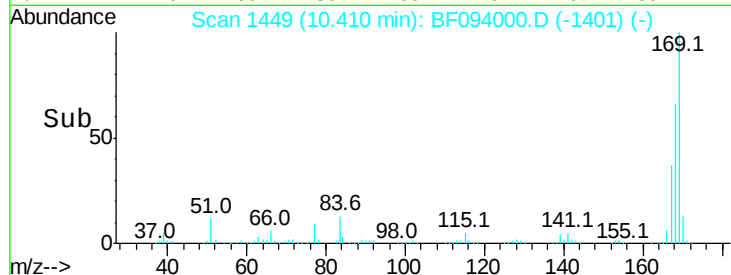
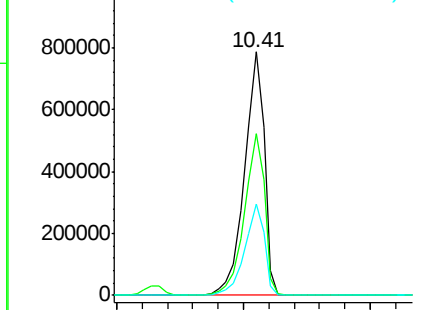
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.2	79.8
167	37.4	29.5	44.3

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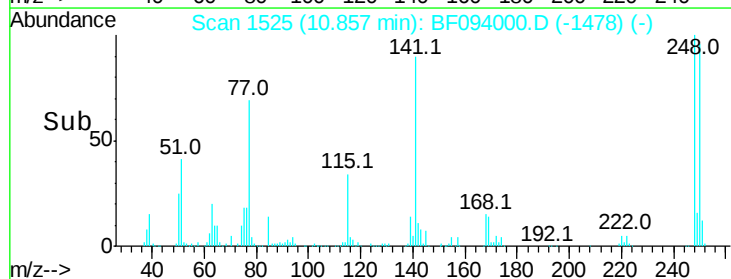
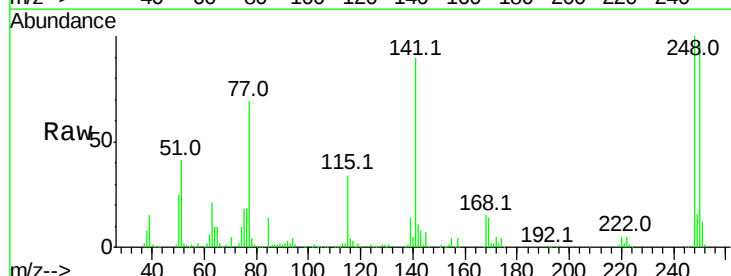
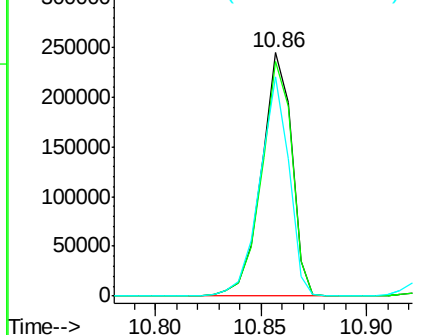
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 46.32 ng
 RT: 10.86 min Scan# 1525
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.8	115.2
141	90.2	68.6	103.0

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





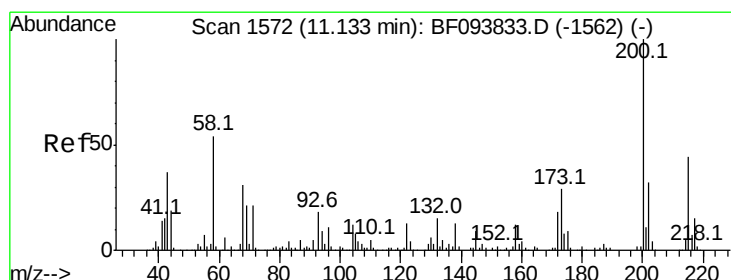
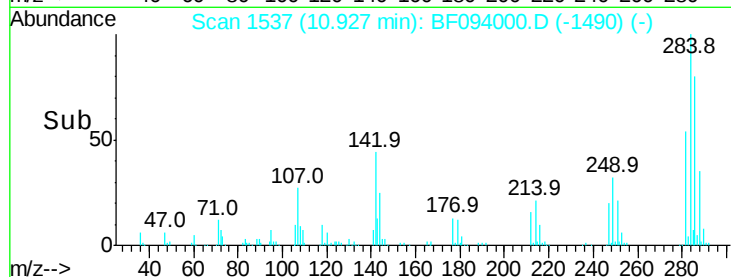
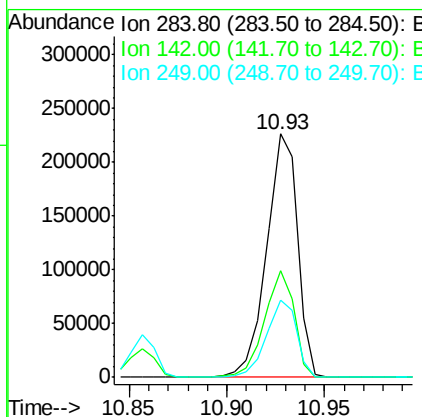
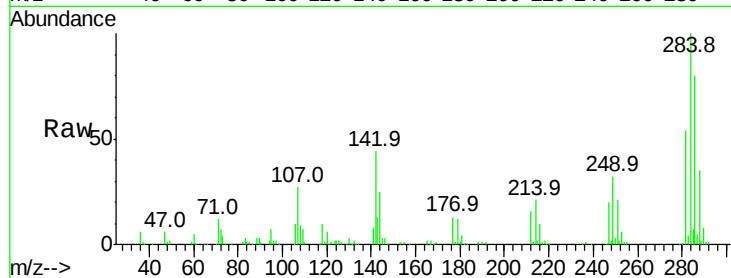
#67
Hexachlorobenzene
Concen: 46.47 ng
RT: 10.93 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	43.8	22.8	34.2	
249	31.8	24.0	36.0	

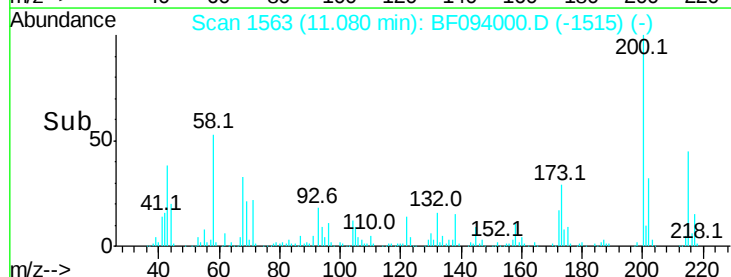
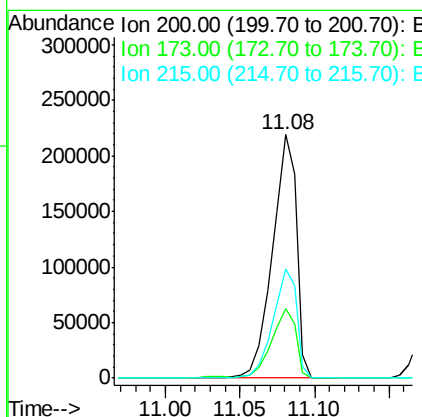
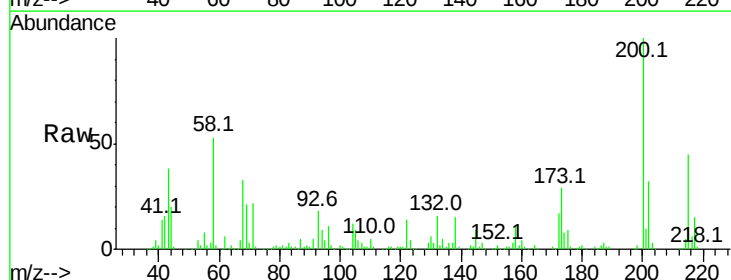
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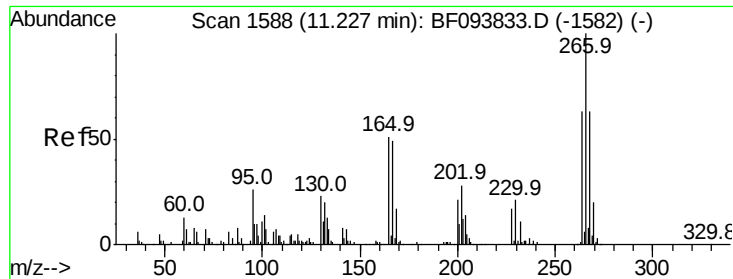
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#68
Atrazine
Concen: 44.12 ng
RT: 11.08 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.7	6.3	46.3	
215	44.8	27.2	67.2	





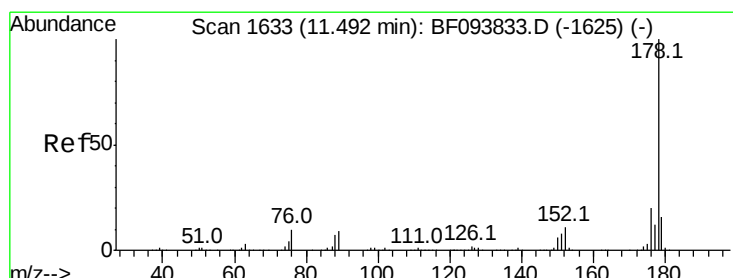
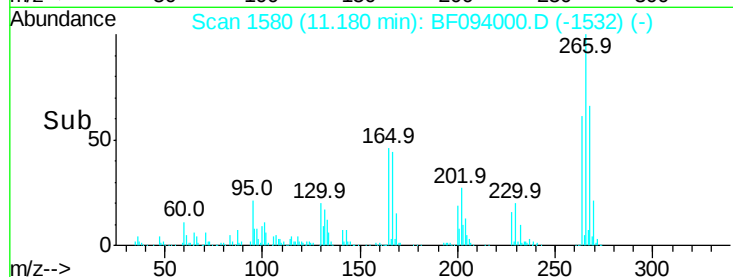
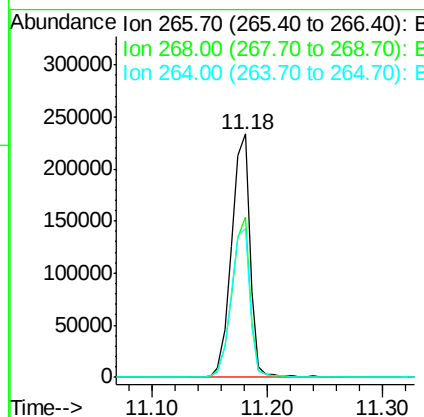
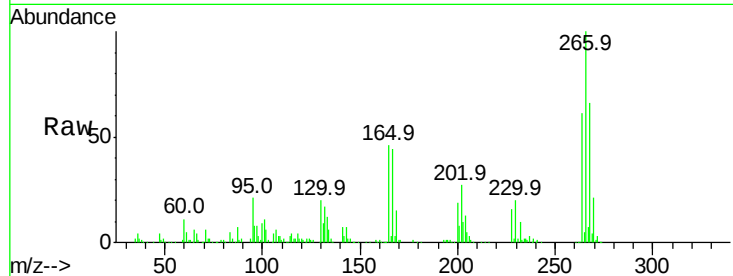
#69
 Pentachlorophenol
 Concen: 78.39 ng
 RT: 11.18 min Scan# 1580
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	260929		
268	65.7		51.1	76.7
264	61.2		51.7	77.5

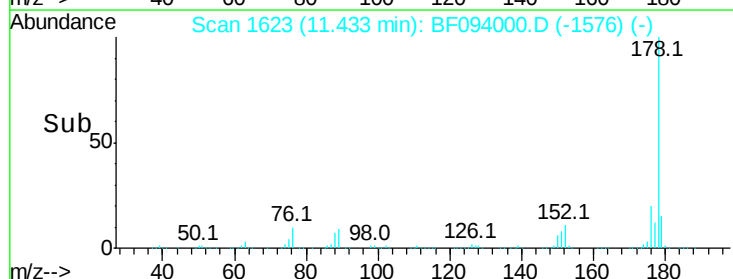
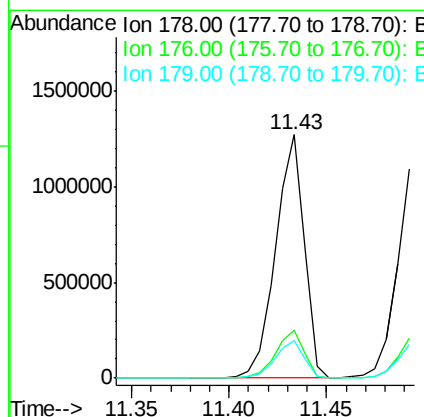
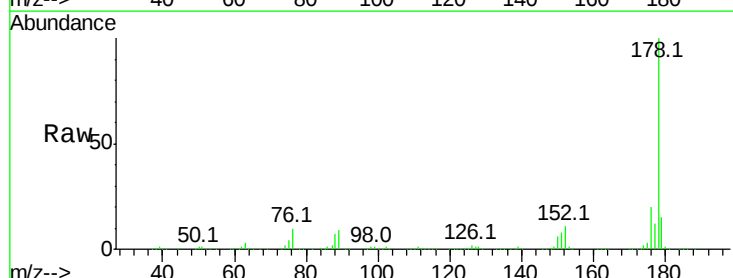
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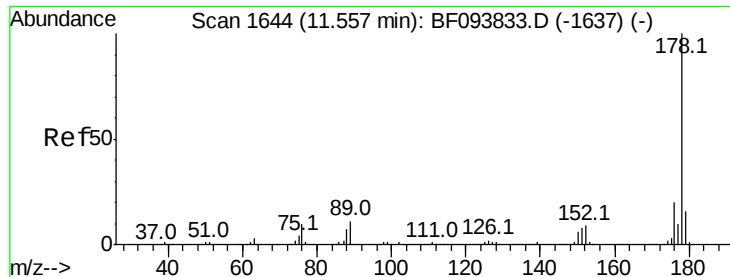
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#70
 Phenanthrene
 Concen: 43.20 ng
 RT: 11.43 min Scan# 1623
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1290740		
176	19.6		16.2	24.4
179	15.4		12.6	19.0





#71
 Anthracene
 Concen: 43.21 ng
 RT: 11.50 min Scan# 1634
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

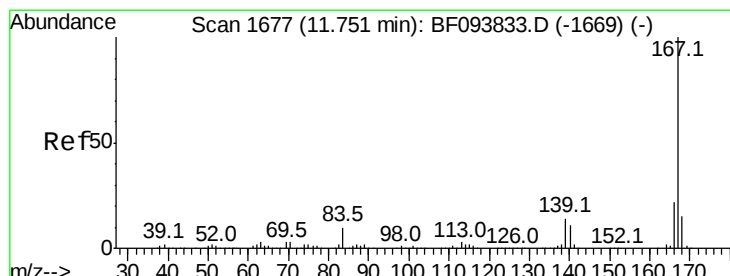
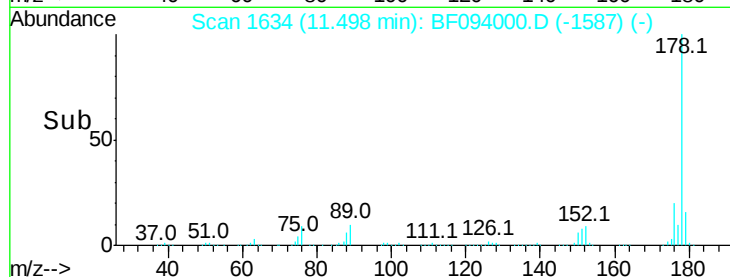
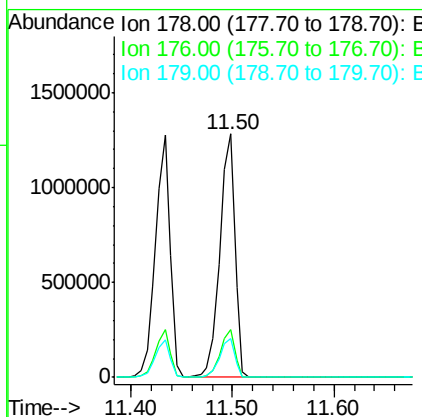
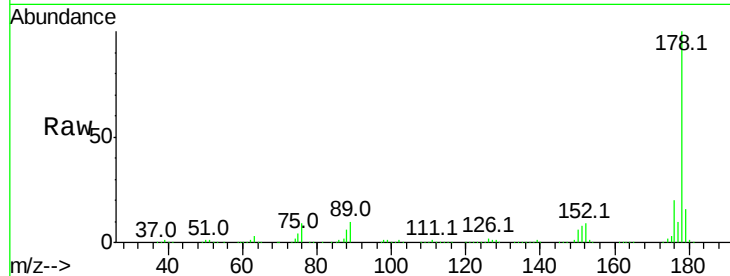
Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion:178 Resp: 1329447

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.0	12.7	19.1

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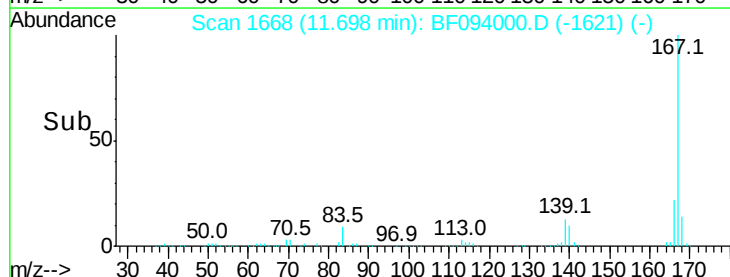
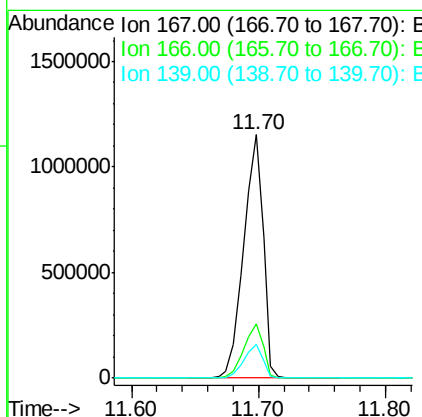
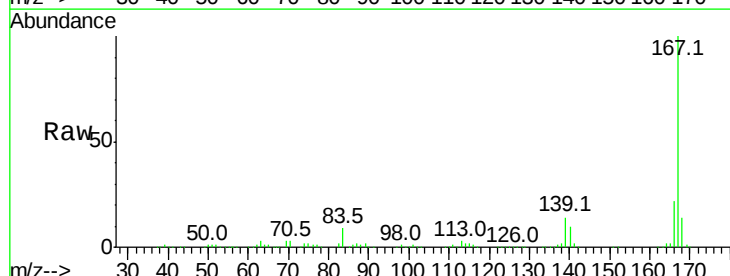
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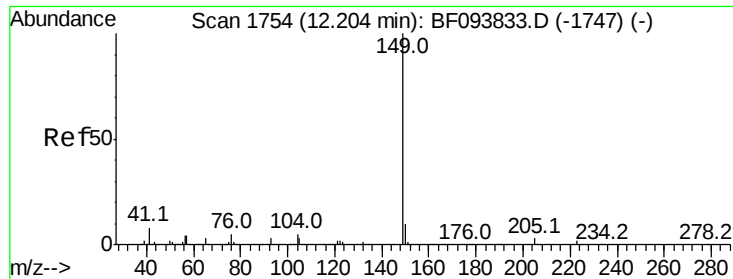


#72
 Carbazole
 Concen: 38.69 ng
 RT: 11.70 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion:167 Resp: 1220589

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.7	11.7	17.5





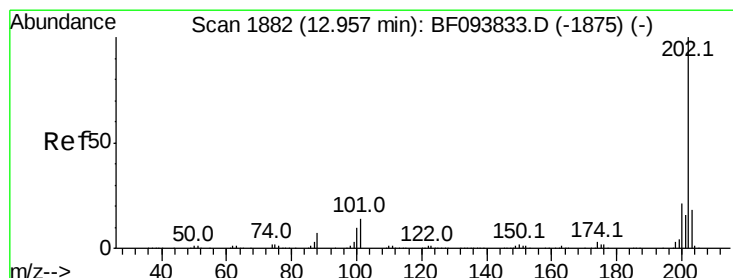
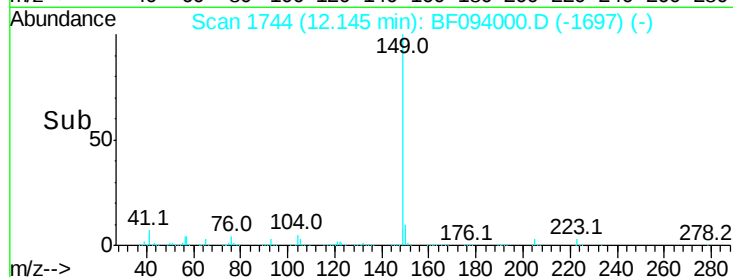
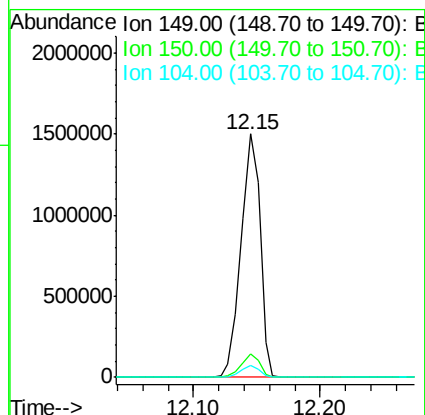
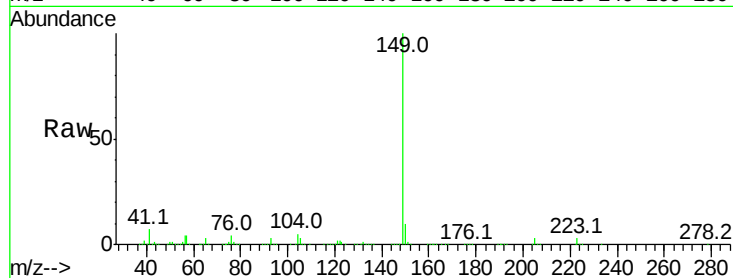
#73
Di-n-butylphthalate
Concen: 47.28 ng
RT: 12.15 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.8	4.0	6.0

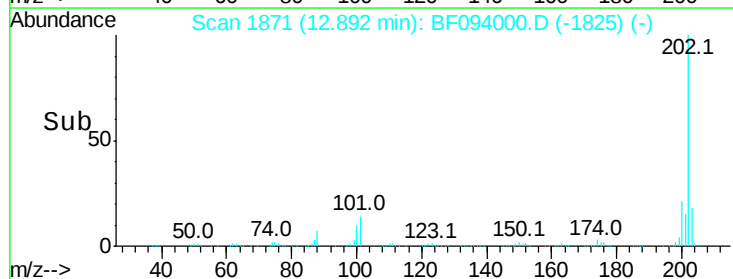
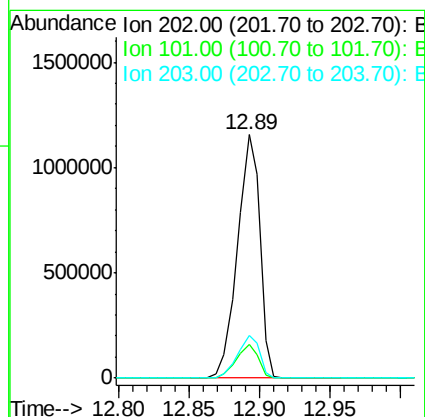
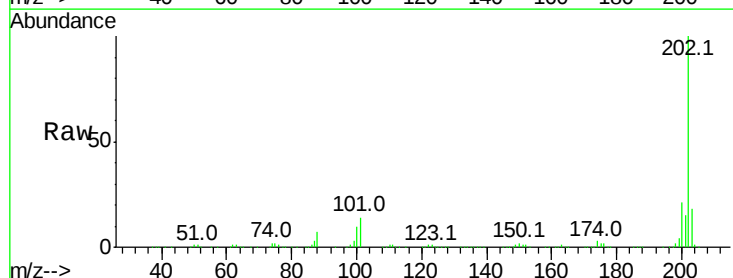
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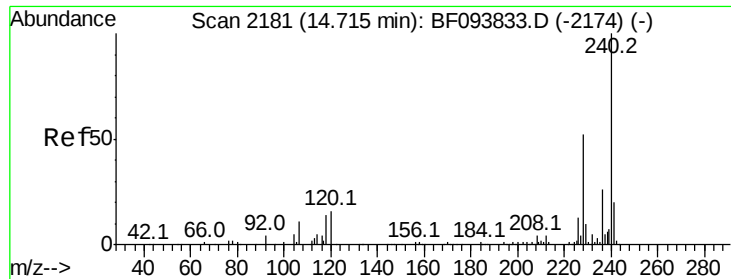
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#74
Fluoranthene
Concen: 41.62 ng
RT: 12.89 min Scan# 1871
Delta R.T. -0.03 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

Tot Ion:240 Resp: 365585

Ion Ratio Lower Upper

240 100

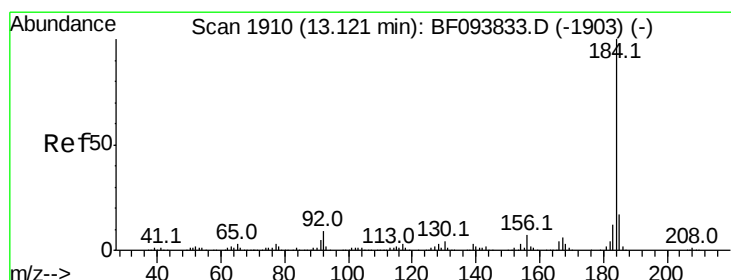
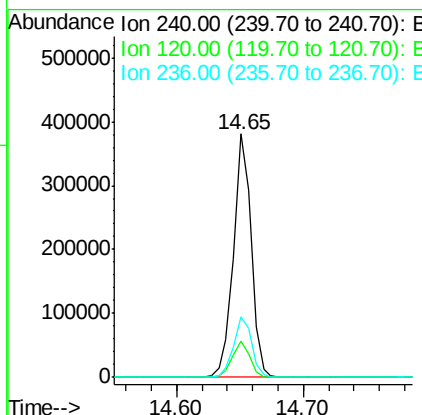
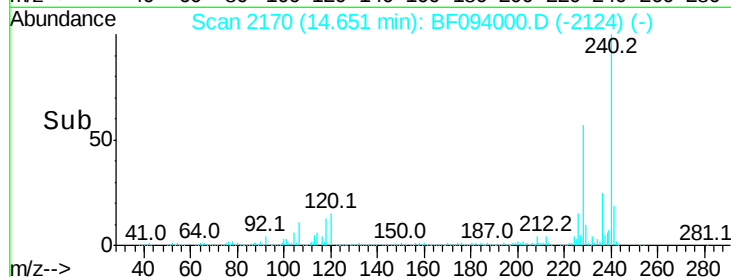
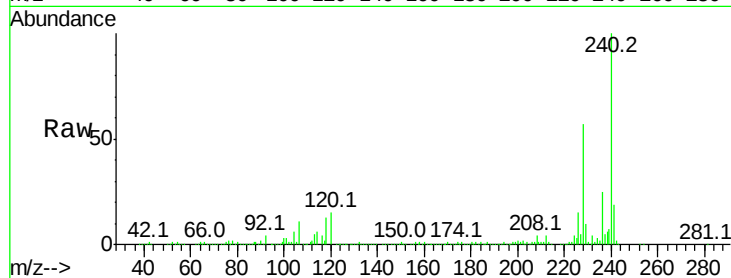
120 15.0 5.8 8.8#

236 24.9 20.5 30.7

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#76

Benzidine

Concen: 21.63 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

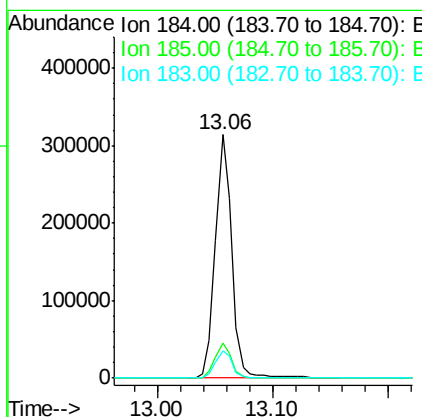
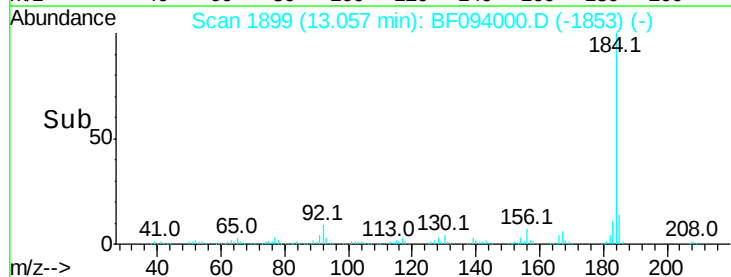
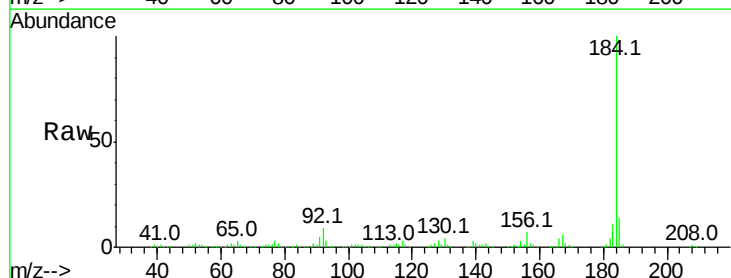
Tgt Ion:184 Resp: 312933

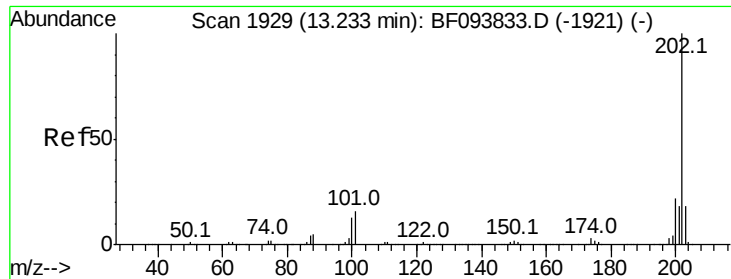
Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

183 11.5 9.8 14.6





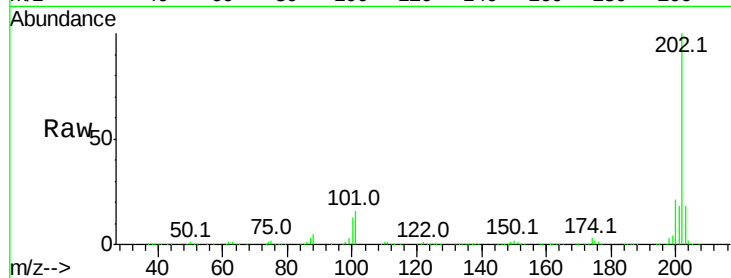
#77
Pvrene
Concen: 48.26 ng
RT: 13.17 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.0	14.4	21.6

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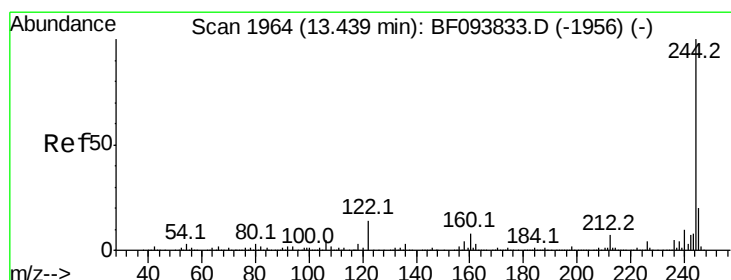
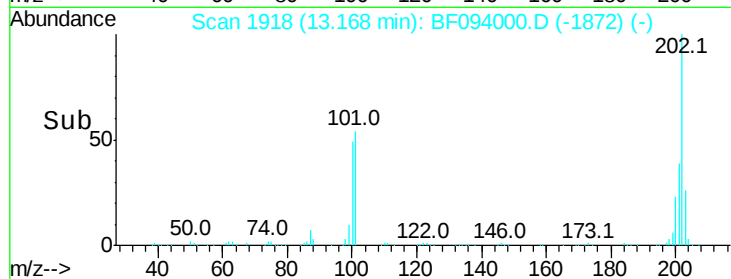
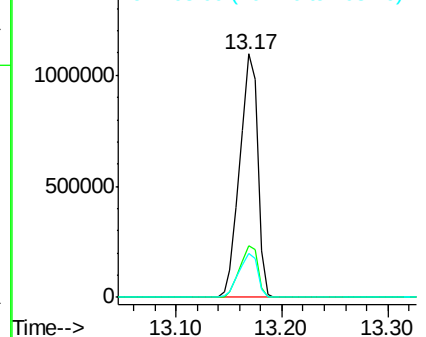


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 87.52 ng
RT: 13.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

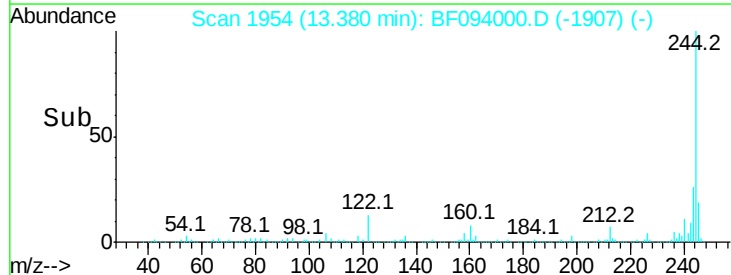
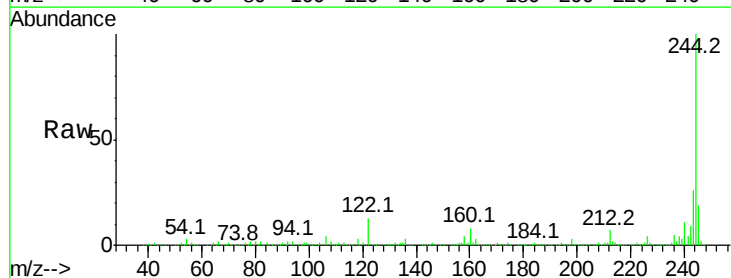
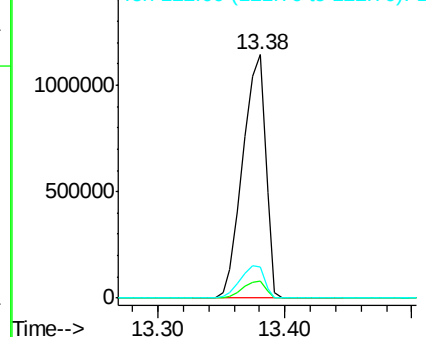
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.0	10.3	15.5

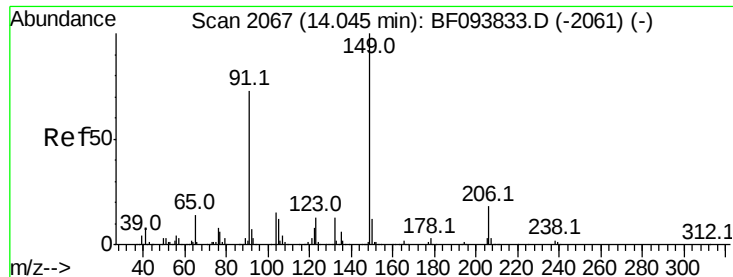
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





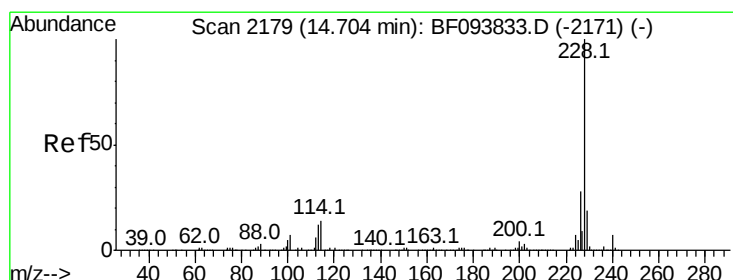
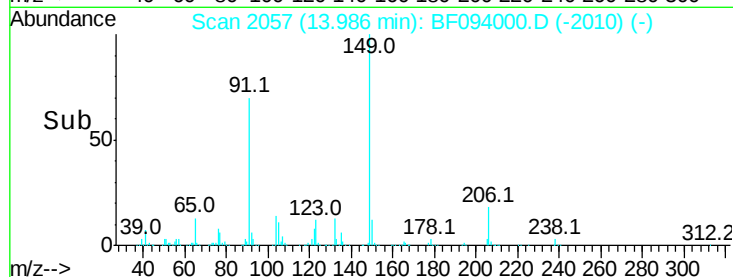
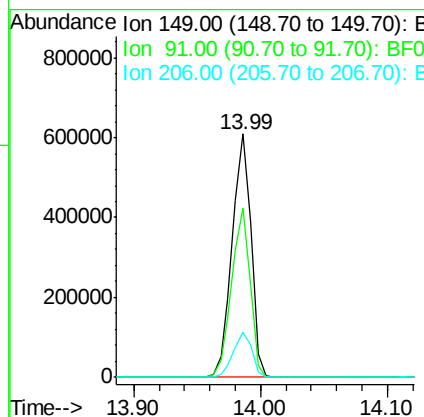
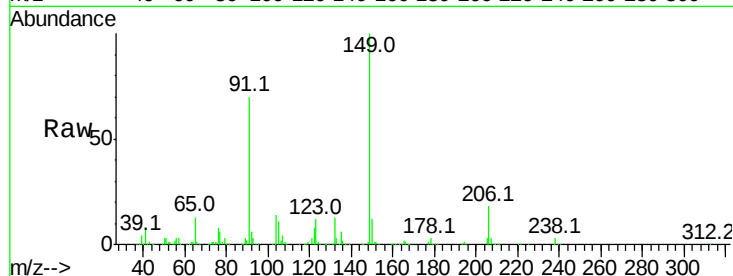
#79
Butylbenzylphthalate
Concen: 54.91 ng
RT: 13.99 min Scan# 2057
Delta R.T. -0.02 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	620689		
91	69.6	45.0	67.4#	
206	18.5	17.0	25.6	

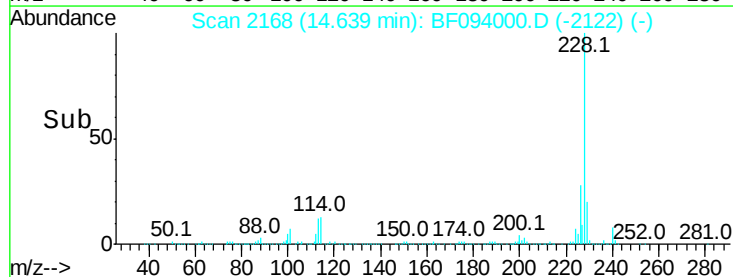
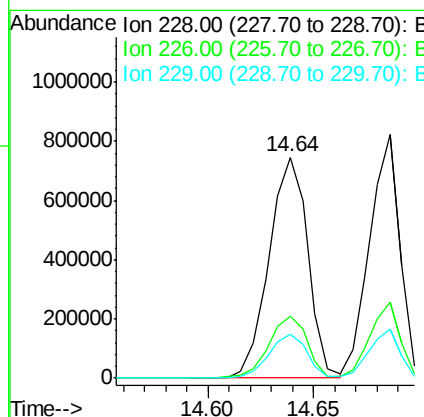
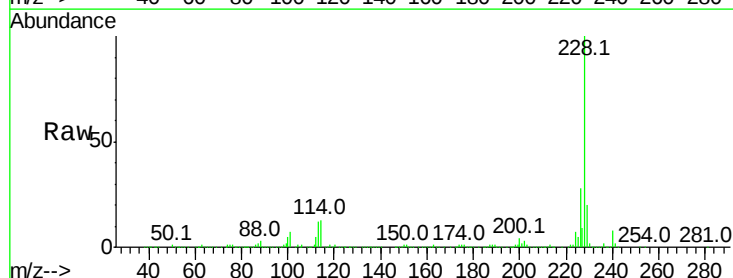
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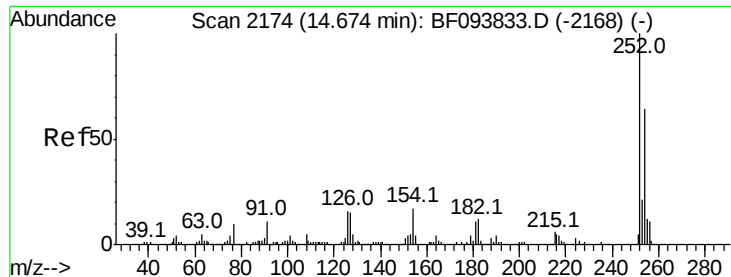
mohammad
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#80
Benzo(a)anthracene
Concen: 44.71 ng
RT: 14.64 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	953199		
226	28.0	22.6	33.8	
229	20.1	16.3	24.5	





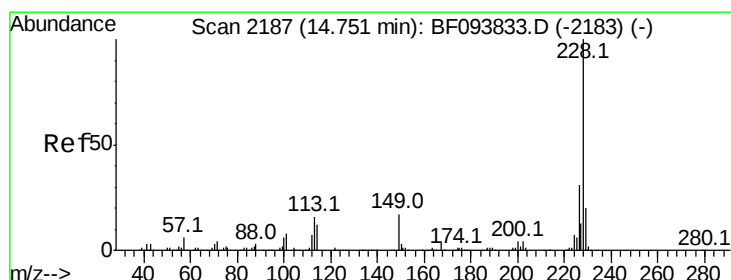
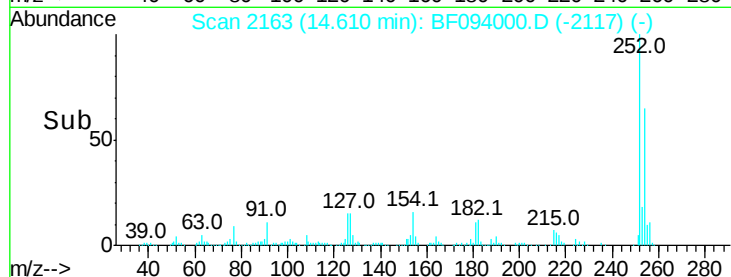
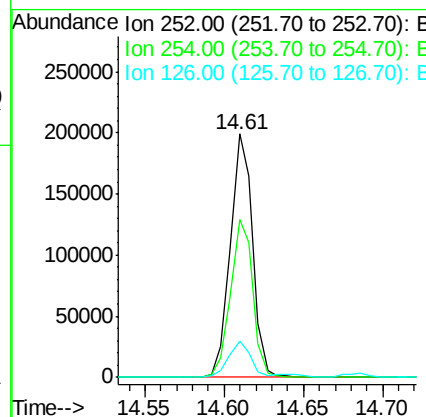
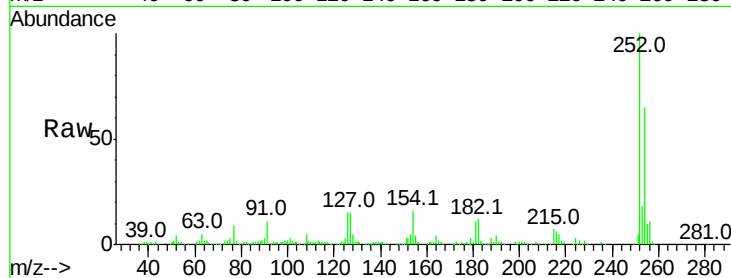
#81
 3,3'-Dichlorobenzidine
 Concen: 25.34 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.03 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	193119		
254	64.6	51.5	77.3	
126	15.1	15.8	23.8	

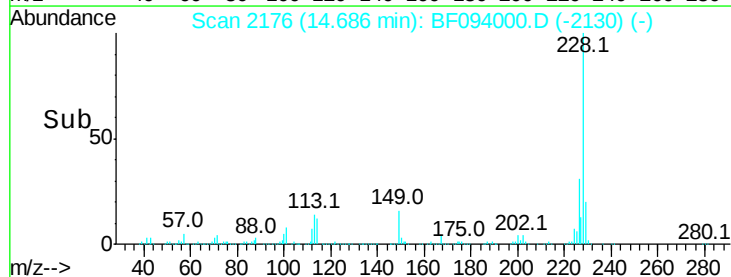
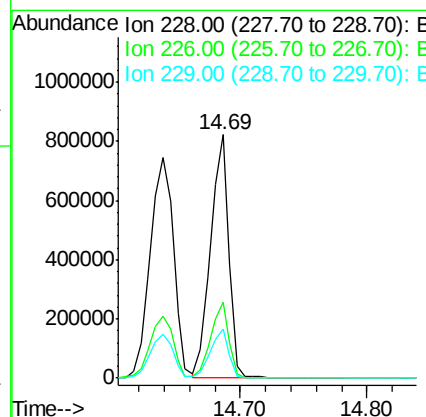
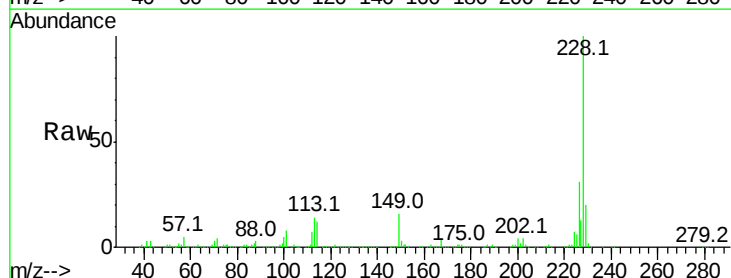
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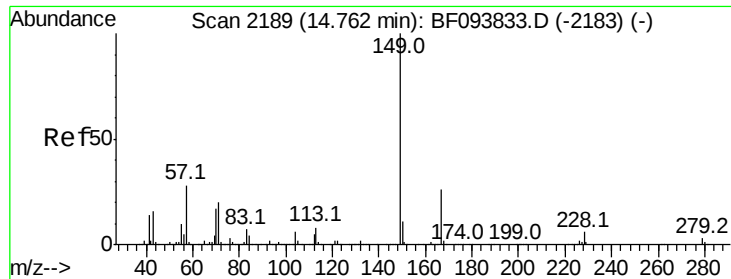
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#82
 Chrysene
 Concen: 42.06 ng
 RT: 14.69 min Scan# 2176
 Delta R.T. -0.03 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	832101		
226	31.0	24.9	37.3	
229	20.0	15.8	23.6	





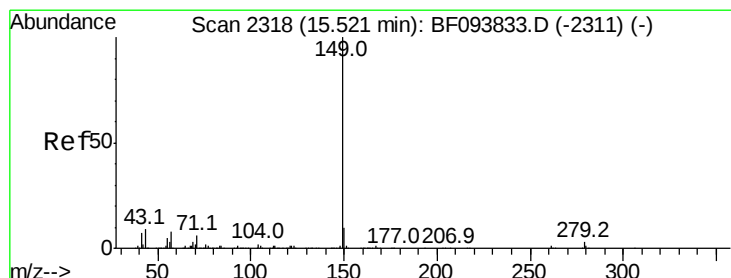
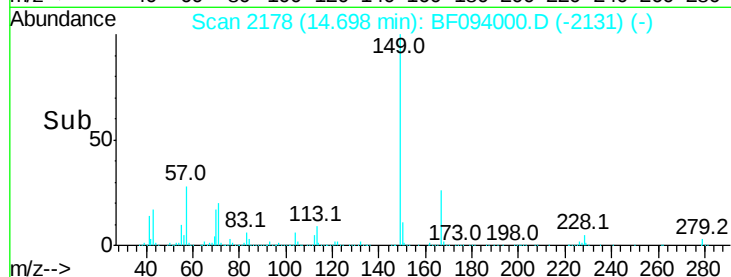
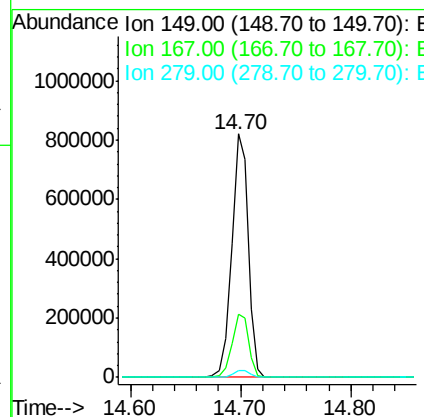
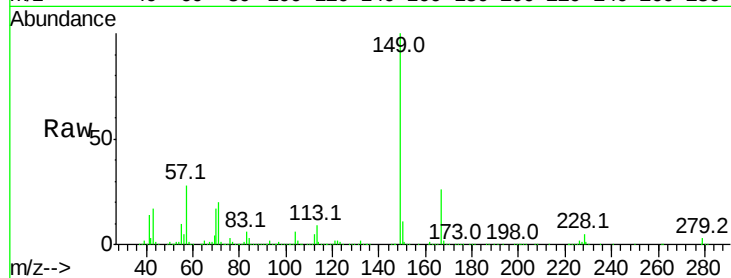
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.54 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB97859BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.1	21.0	31.4	
279	2.8	1.9	2.9	

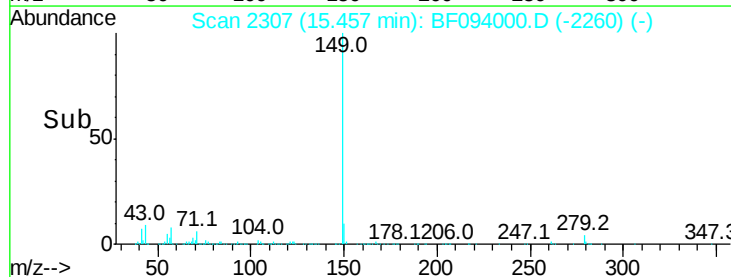
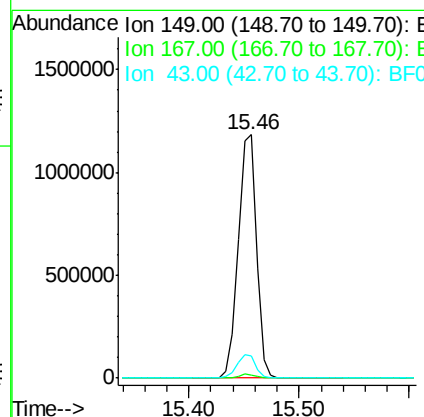
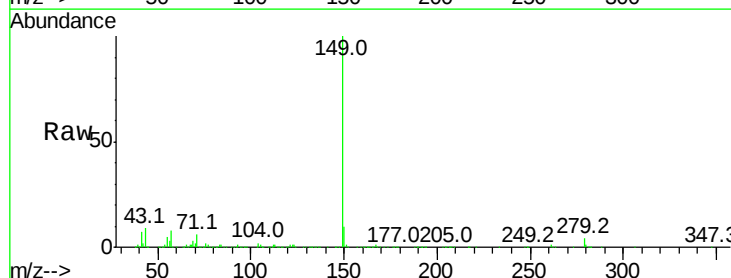
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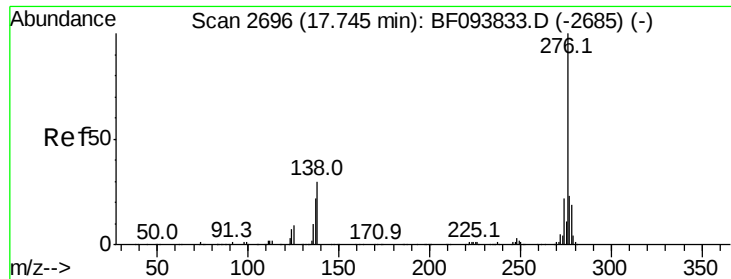
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 53.55 ng
 RT: 15.46 min Scan# 2307
 Delta R.T. -0.02 min
 Lab File: BF094000.D
 Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.5	8.5	12.7	





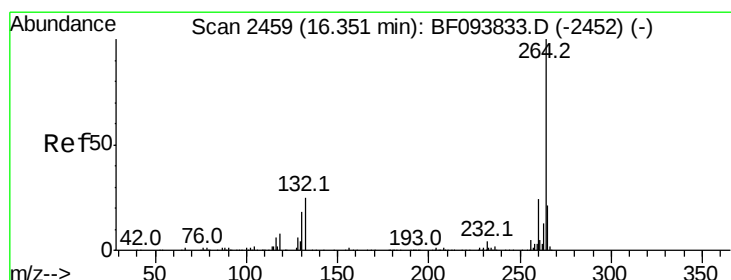
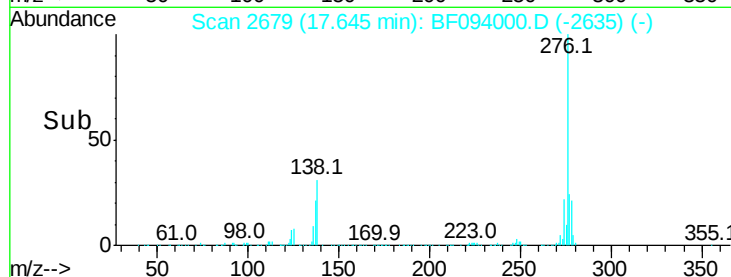
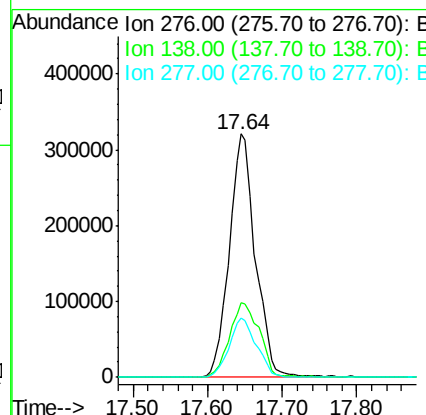
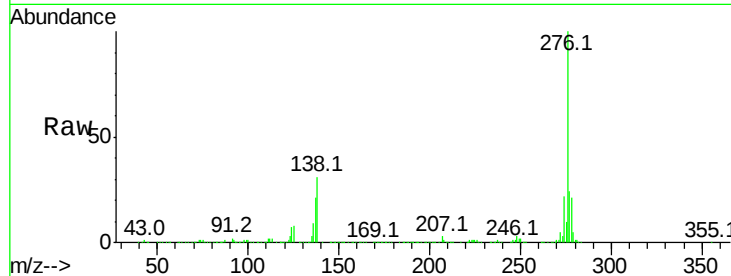
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.74 ng
RT: 17.64 min Scan# 2679
Delta R.T. -0.04 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.4	20.2	30.4

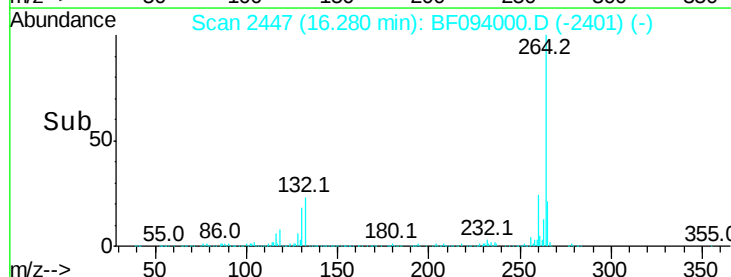
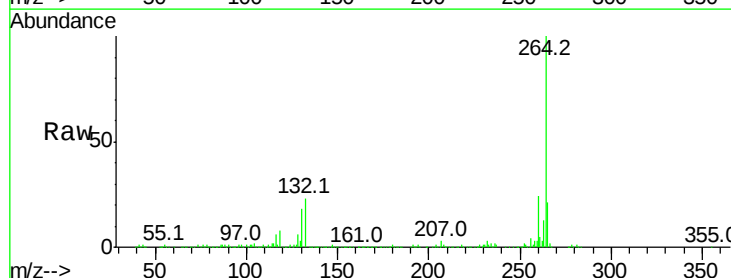
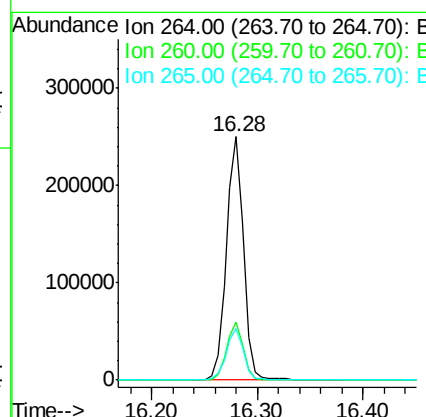
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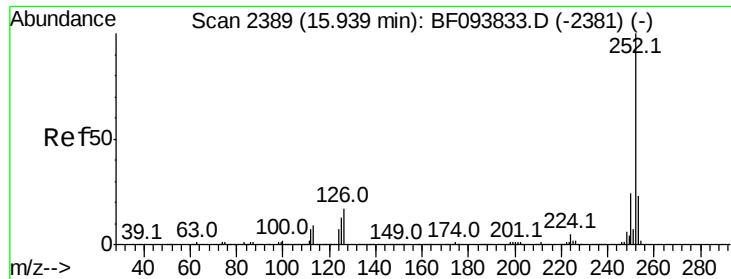
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.49 ng

RT: 15.87 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

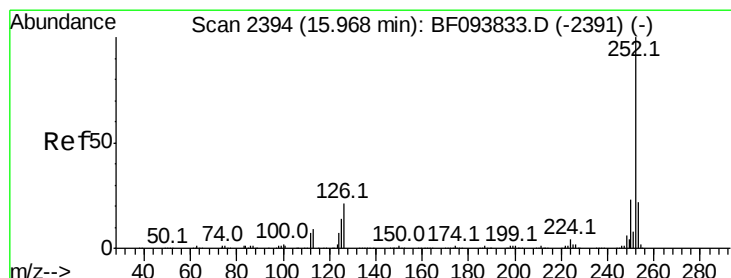
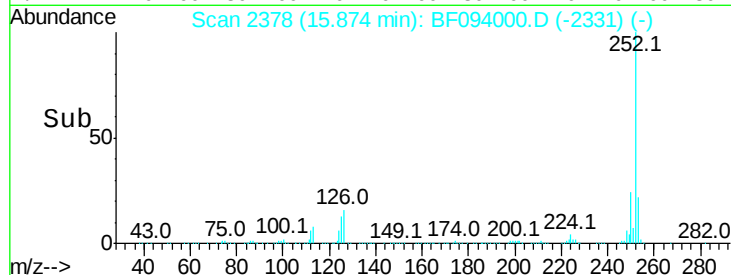
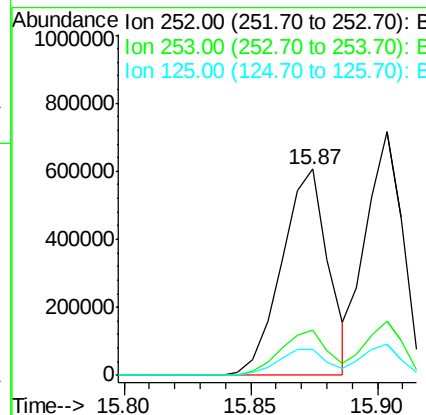
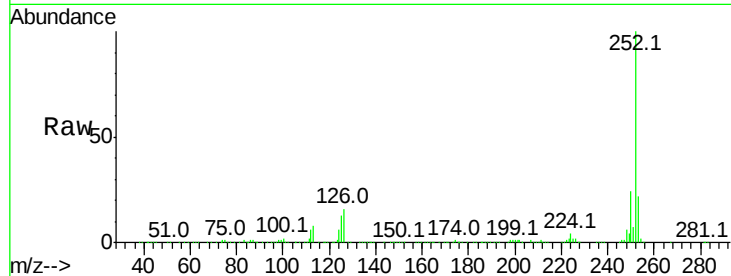
ClientSampleId :

PB97859BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 43.47 ng

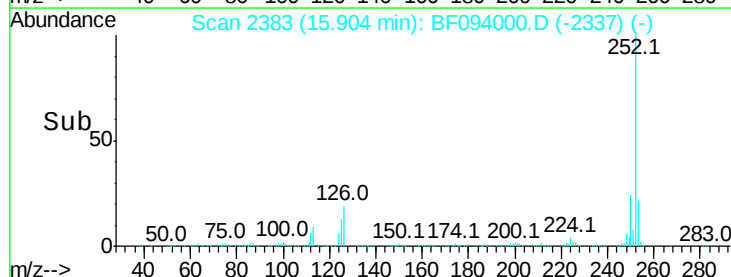
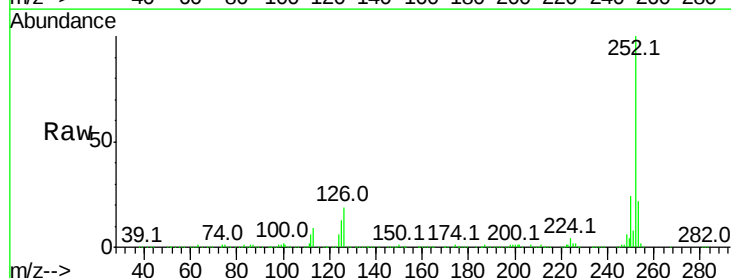
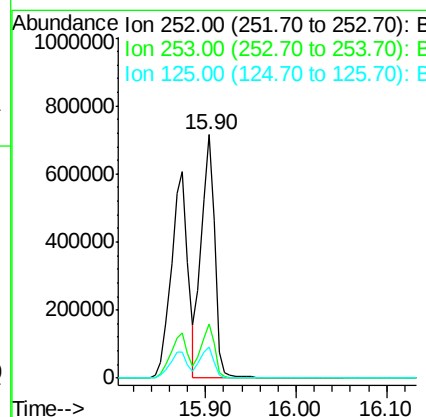
RT: 15.90 min Scan# 2383

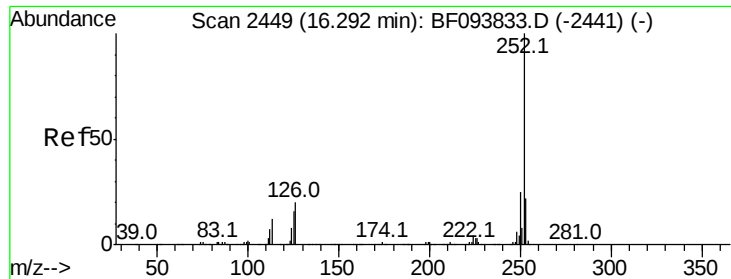
Delta R.T. -0.03 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	13.0	13.1	19.7#





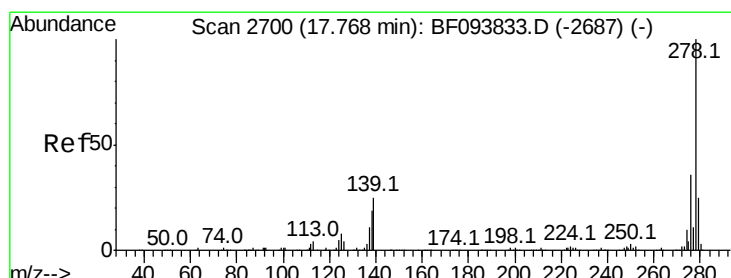
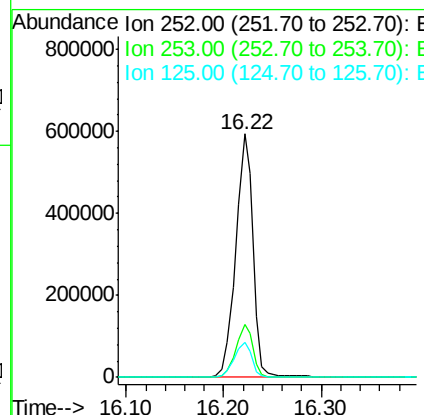
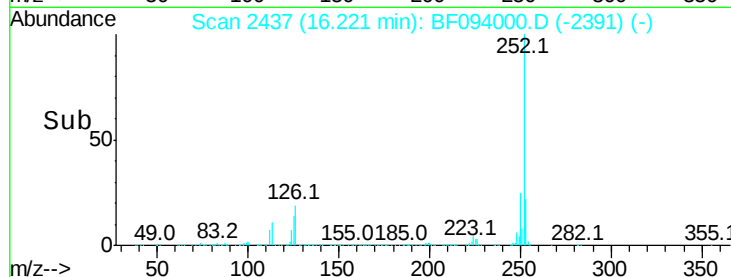
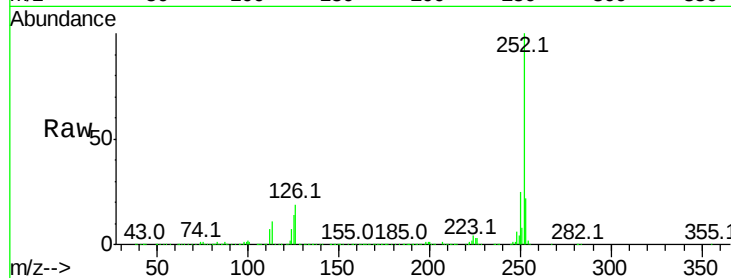
#89
Benzo(a)pyrene
Concen: 45.46 ng
RT: 16.22 min Scan# 2437
Delta R.T. -0.03 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.5	11.0	16.4

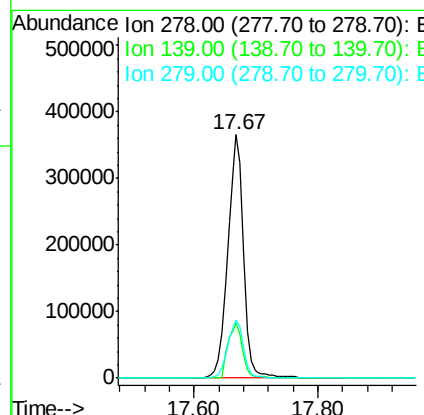
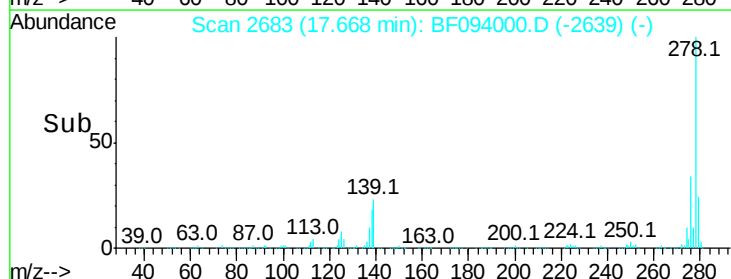
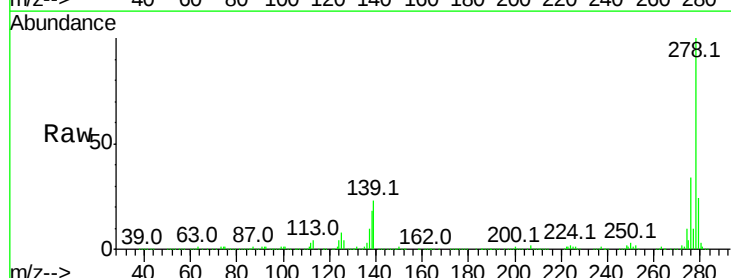
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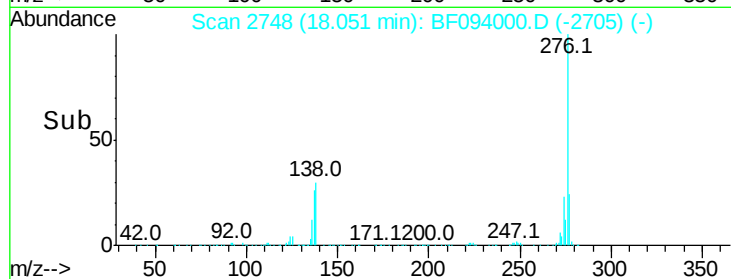
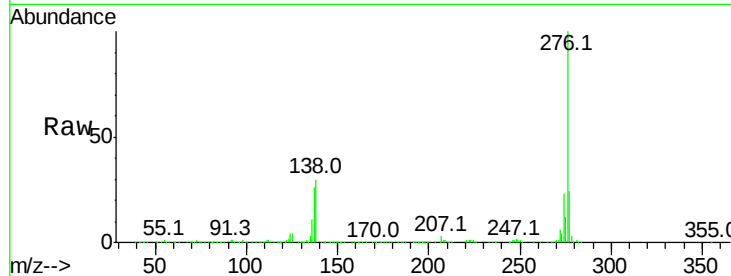
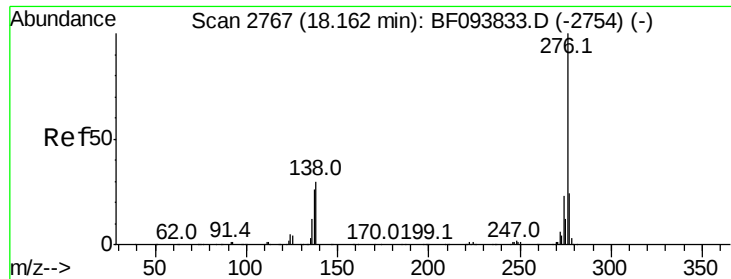
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 48.09 ng
RT: 17.67 min Scan# 2683
Delta R.T. -0.04 min
Lab File: BF094000.D
Acq: 28 Mar 2017 18:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	16.6	24.8
279	23.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 46.48 ng

RT: 18.05 min Scan# 2748

Delta R.T. -0.05 min

Lab File: BF094000.D

Acq: 28 Mar 2017 18:45

Instrument :

BNA_F

ClientSampleId :

PB97859BS

Tot Ion:	276	Resp:	636518
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	29.9	25.4	38.0

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