

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094220.D
 Acq On : 6 Apr 2017 11:29
 Operator : SJ/MA
 Sample : PB98067BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:32 PM

Quant Time: Apr 06 13:29:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	163489	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	659910	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	312923	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	565695	20.00	ng	0.00
75) Chrysene-d12	14.57	240	451807	20.00	ng	0.00
86) Perylene-d12	16.19	264	314075	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.40	112	1201662	124.14	ng	0.01
7) Phenol-d6	5.47	99	1527198	127.54	ng	0.00
23) Nitrobenzene-d5	6.50	82	942391	81.50	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	352696	142.63	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1769533	86.25	ng	0.00
78) Terphenyl-d14	13.30	244	1568927	77.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	161797	34.79	ng	96
3) Pyridine	2.74	79	481484	37.99	ng	97
4) n-Nitrosodimethylamine	2.70	42	213705	40.98	ng	90
6) Aniline	5.48	93	295787	17.76	ng	# 1
8) 2-Chlorophenol	5.62	128	475071	44.65	ng	95
9) Benzaldehyde	5.35	77	153698	19.01	ng	98
10) Phenol	5.48	94	553073	40.59	ng	98
11) bis(2-Chloroethyl)ether	5.56	93	436740	41.01	ng	98
12) 1,3-Dichlorobenzene	5.79	146	494164	41.41	ng	99
13) 1,4-Dichlorobenzene	5.87	146	508451	42.06	ng	97
14) 1,2-Dichlorobenzene	6.05	146	475661	42.73	ng	96
15) Benzyl Alcohol	6.02	79	388806	44.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.19	45	618842	37.71	ng	98
17) 2-Methylphenol	6.17	107	401109	44.02	ng	96
18) Hexachloroethane	6.44	117	176569	41.56	ng	# 84
19) n-Nitroso-di-n-propylamine	6.34	70	326550	42.43	ng	98
20) 3+4-Methylphenols	6.35	107	518006	46.94	ng	# 63
22) Acetophenone	6.33	105	653200	44.41	ng	# 88
24) Nitrobenzene	6.53	77	484031	42.44	ng	93
25) Isophorone	6.82	82	871520	42.89	ng	95
26) 2-Nitrophenol	6.90	139	268351	49.34	ng	99
27) 2,4-Dimethylphenol	6.97	122	441727	47.14	ng	97
28) bis(2-Chloroethoxy)methane	7.07	93	561228	41.89	ng	99
29) 2,4-Dichlorophenol	7.20	162	412983	47.13	ng	98
30) 1,2,4-Trichlorobenzene	7.29	180	395650	43.84	ng	99
31) Naphthalene	7.38	128	1348211	42.49	ng	100
32) Benzoic acid	7.14	122	285195	45.72	ng	95
33) 4-Chloroaniline	7.45	127	164556	12.80	ng	# 92
34) Hexachlorobutadiene	7.54	225	199311	43.07	ng	98
35) Caprolactam	7.90	113	142465m	50.99	ng	
36) 4-Chloro-3-methylphenol	8.07	107	447887	48.92	ng	90
37) 2-Methylnaphthalene	8.23	142	945551	44.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	344088	40.20	ng	99
40) Hexachlorocyclopentadiene	8.42	237	337121	84.16	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
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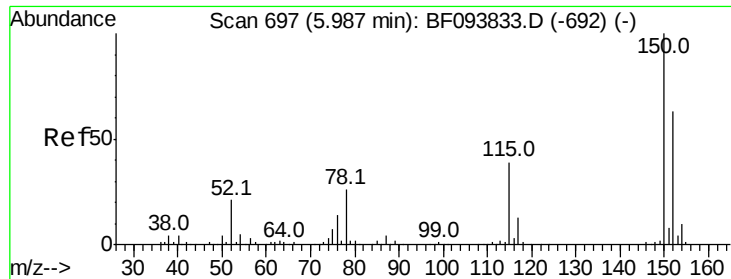
Manual Integrations
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 4/7/2017 5:20:32 PM

Quant Time: Apr 06 13:29:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	284040	46.90	nq	95
43) 2,4,5-Trichlorophenol	8.63	196	291080	44.42	nq	93
45) 1,1'-Biphenyl	8.80	154	1053377	41.73	nq	97
46) 2-Chloronaphthalene	8.82	162	846150	42.83	nq	96
47) 2-Nitroaniline	8.95	65	265706	45.33	nq	# 82
48) Acenaphthylene	9.33	152	1353726	41.23	nq	99
49) Dimethylphthalate	9.19	163	1027795	46.21	nq	99
50) 2,6-Dinitrotoluene	9.26	165	236798	46.44	nq	92
51) Acenaphthene	9.54	154	807853	42.16	nq	99
52) 3-Nitroaniline	9.45	138	126263	21.09	nq	92
53) 2,4-Dinitrophenol	9.60	184	235761	86.03	nq	# 63
54) Dibenzofuran	9.76	168	1166405	44.72	nq	99
55) 4-Nitrophenol	9.70	139	378541	80.73	nq	# 66
56) 2,4-Dinitrotoluene	9.75	165	287850	44.94	nq	# 64
57) Fluorene	10.17	166	908903	42.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	224247	49.87	nq	97
59) Diethylphthalate	10.06	149	998589	45.42	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	389901	42.31	nq	93
61) 4-Nitroaniline	10.22	138	260113	45.27	nq	96
62) Azobenzene	10.37	77	974067	46.84	nq	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	164537	47.49	nq	# 75
65) n-Nitrosodiphenylamine	10.33	169	860315	43.98	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	245812	44.18	nq	99
67) Hexachlorobenzene	10.85	284	249215	44.25	nq	# 86
68) Atrazine	11.00	200	232149	39.62	nq	95
69) Pentachlorophenol	11.10	266	270204	77.08	nq	99
70) Phenanthrene	11.35	178	1355107	43.06	nq	99
71) Anthracene	11.42	178	1397534	43.13	nq	99
72) Carbazole	11.62	167	1336538	40.23	nq	98
73) Di-n-butylphthalate	12.07	149	1604854	46.45	nq	100
74) Fluoranthene	12.82	202	1413807	43.88	nq	99
76) Benzidine	12.98	184	203184	11.36	nq	# 93
77) Pyrene	13.09	202	1435773	43.79	nq	99
79) Butylbenzylphthalate	13.91	149	686134	49.11	nq	89
80) Benzo(a)anthracene	14.56	228	1176955	44.67	nq	98
81) 3,3'-Dichlorobenzidine	14.53	252	242633	25.77	nq	# 96
82) Chrysene	14.60	228	1031351	42.18	nq	99
83) Bis(2-ethylhexyl)phthalate	14.62	149	932612	48.93	nq	# 99
84) Di-n-octyl phthalate	15.37	149	1531533	48.10	nq	97
85) Indeno(1,2,3-cd)pyrene	17.52	276	772785	36.50	nq	99
87) Benzo(b)fluoranthene	15.79	252	893386	46.41	nq	98
88) Benzo(k)fluoranthene	15.82	252	875452	46.48	nq	97
89) Benzo(a)pyrene	16.14	252	795933	44.90	nq	100
90) Dibenzo(a,h)anthracene	17.54	278	639400	42.59	nq	99
91) Benzo(g,h,i)perylene	17.91	276	652171	43.10	nq	98

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



#1

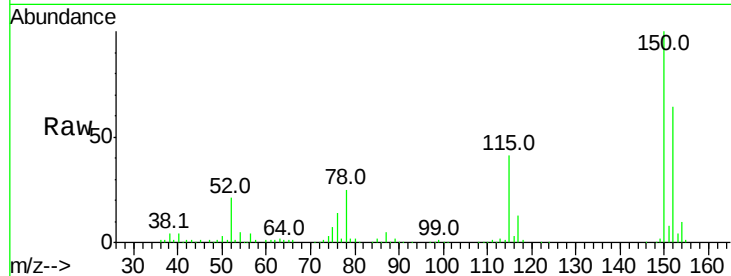
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	64.4	52.2	78.2

Manual Integrations
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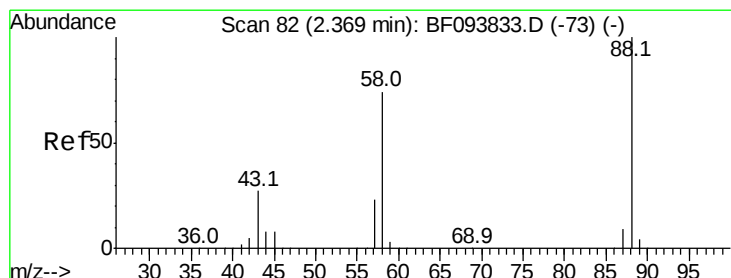
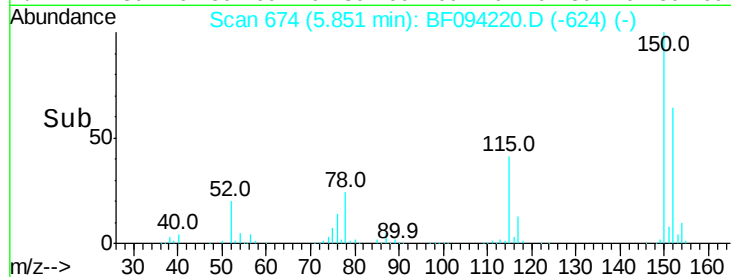
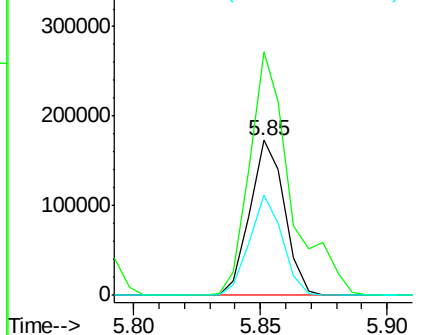


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

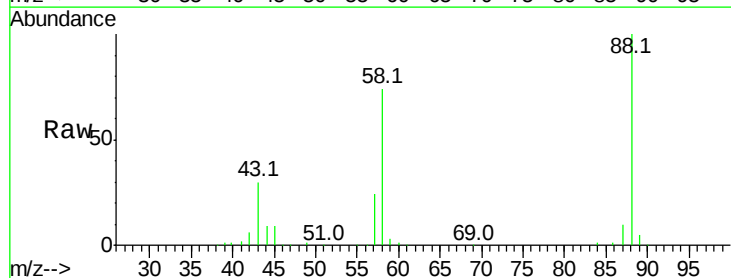
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.79 ng
RT: 2.26 min Scan# 63
Delta R.T. 0.05 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	61.4	92.0
43	29.8	23.4	35.0

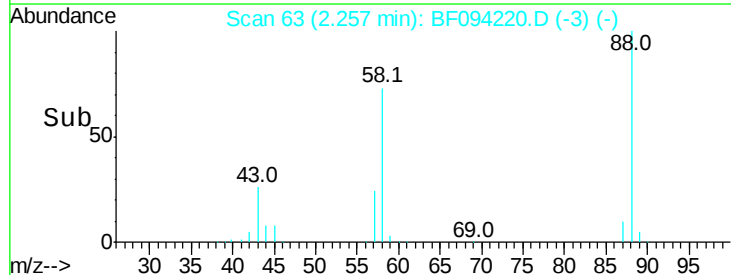
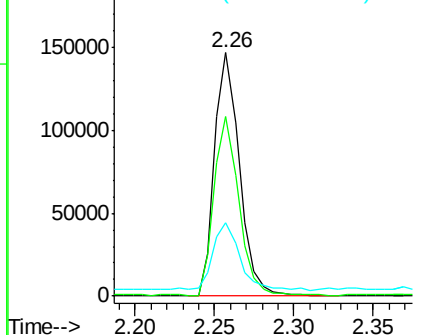


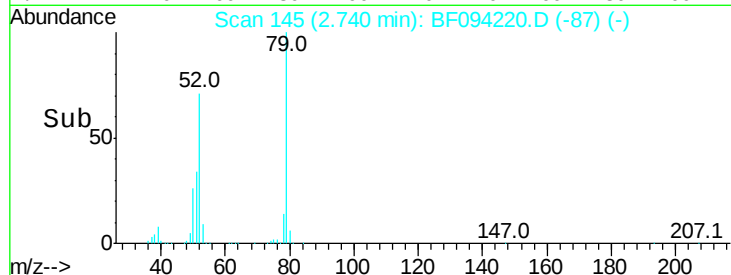
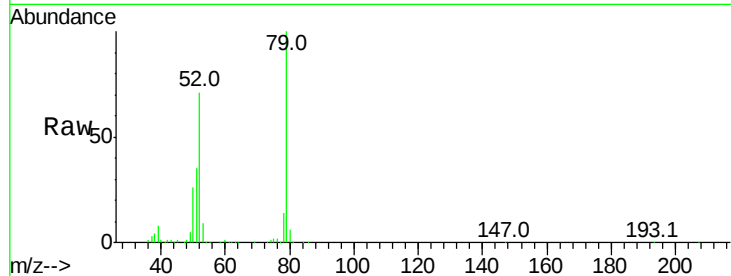
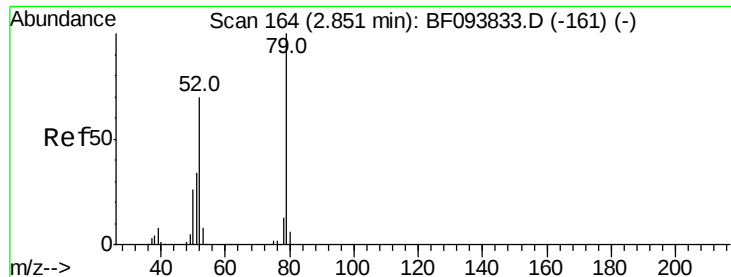
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





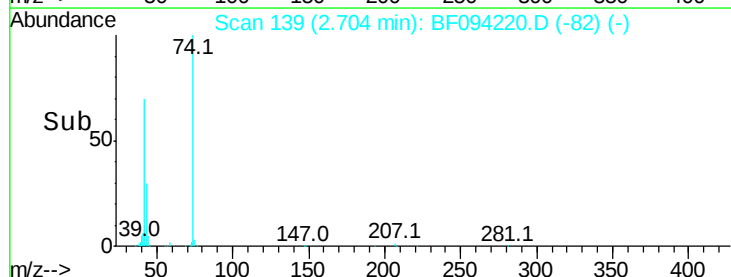
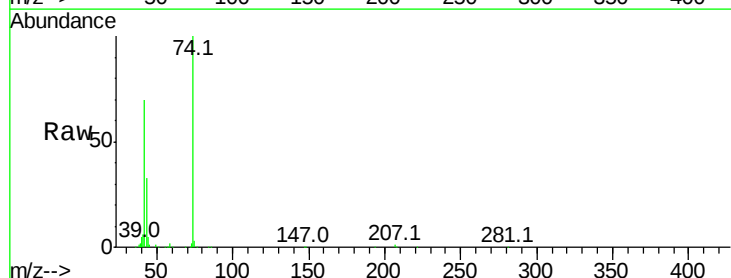
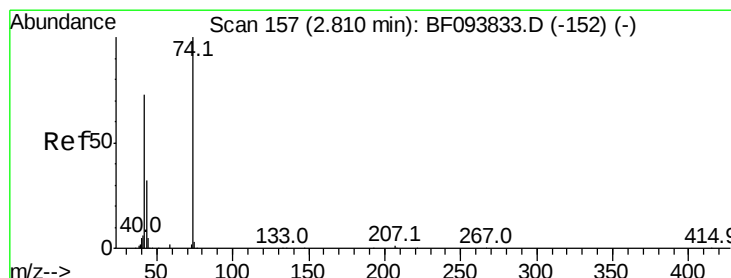
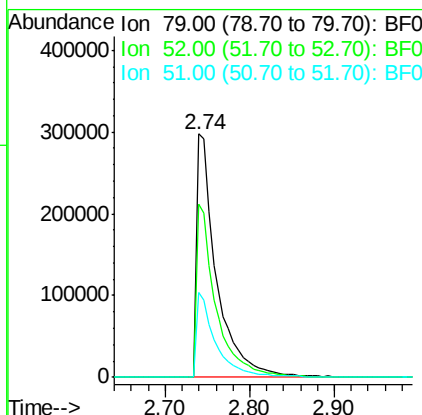
#3
Pvridine
Concen: 37.99 ng
RT: 2.74 min Scan# 145
Delta R.T. 0.04 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.2	54.8	82.2
51	34.7	27.0	40.4

Instrument :
BNA_F
ClientSampleId :
PB98067BS

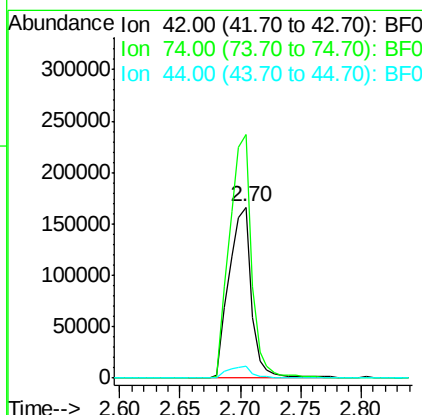
Manual Integrations
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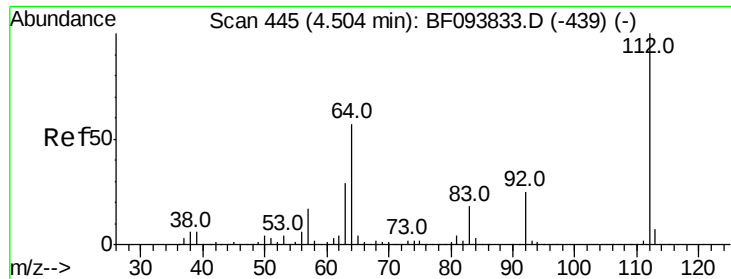
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#4
n-Nitrosodimethylamine
Concen: 40.98 ng
RT: 2.70 min Scan# 139
Delta R.T. 0.04 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.6	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 124.14 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleID :

PB98067BS

Tot Ion:112 Resp: 1201662

Ion Ratio Lower Upper

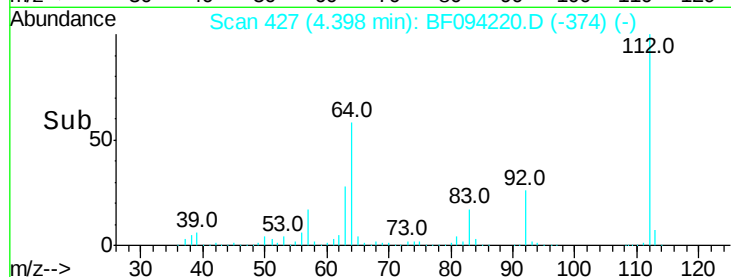
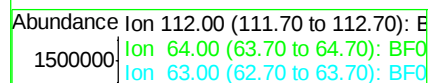
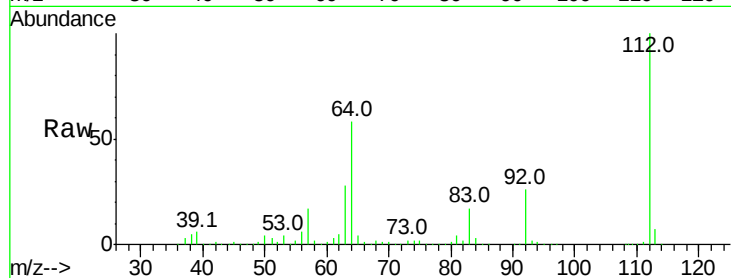
112 100

64 57.8 46.0 69.0

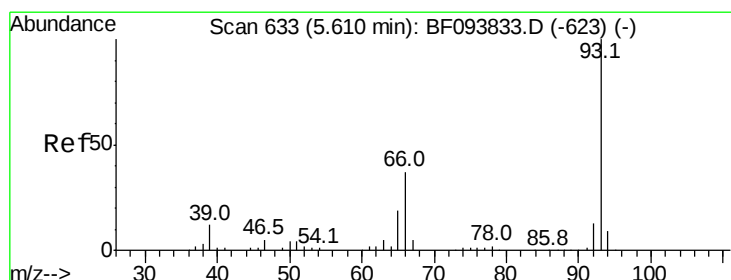
63 28.2 23.4 35.0

Manual Integrations
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Time-->



#6

Aniline

Concen: 17.76 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

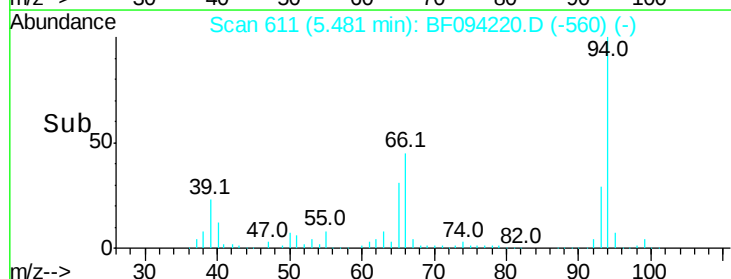
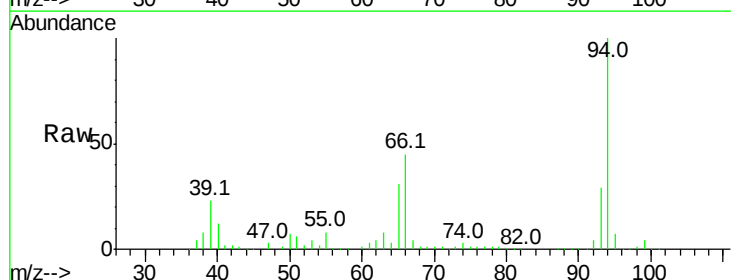
Tgt Ion: 93 Resp: 295787

Ion Ratio Lower Upper

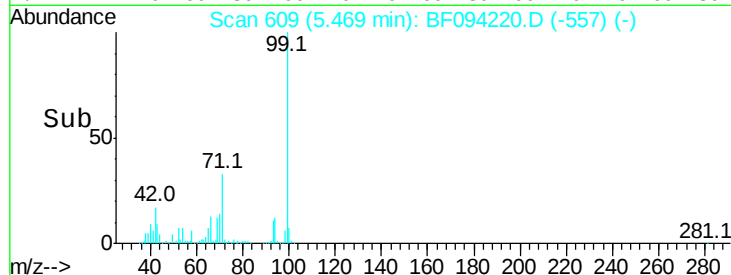
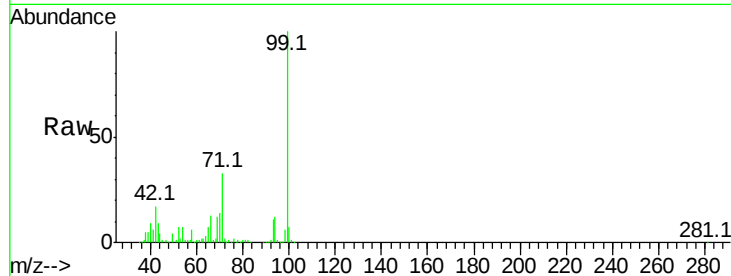
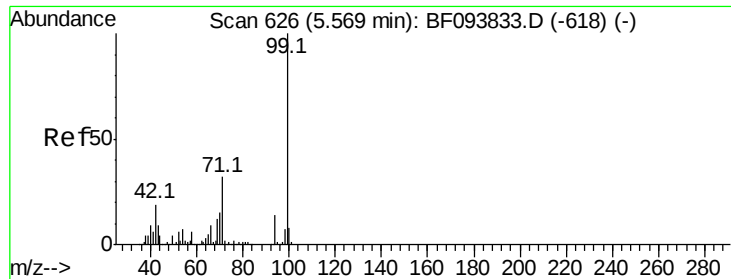
93 100

66 152.7 32.9 49.3#

65 105.3 16.0 24.0#



Time-->



#7

Phenol-d6

Concen: 127.54 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tot Ion: 99 Resp: 1527198

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 33.2 24.5 36.7

Instrument :

BNA_F

ClientSampled :

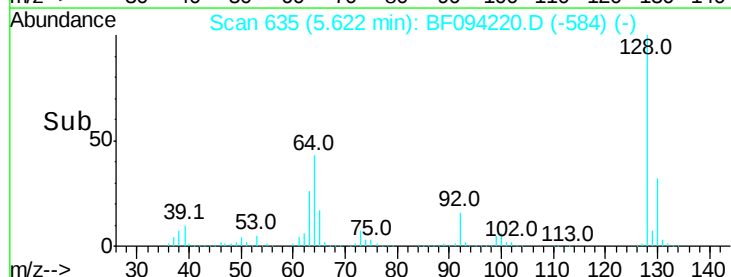
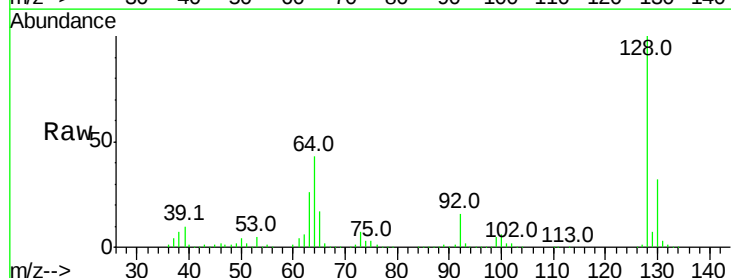
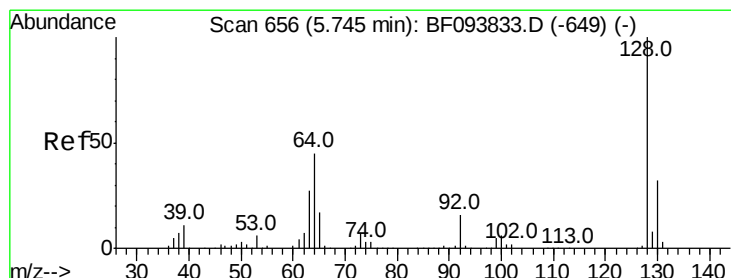
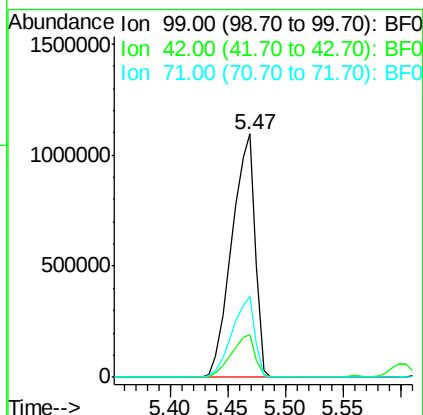
PB98067BS

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.65 ng

RT: 5.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

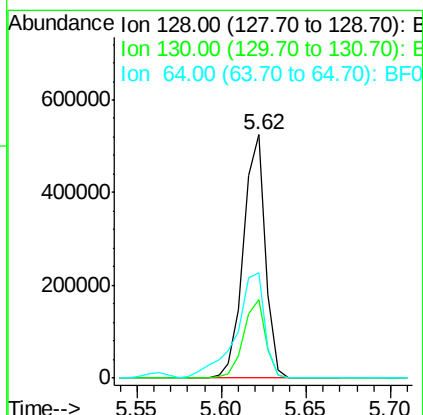
Tgt Ion:128 Resp: 475071

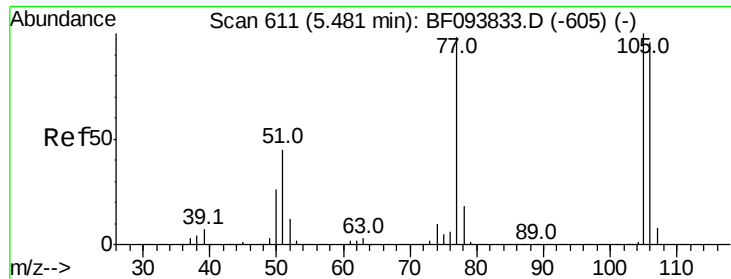
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 43.1 28.4 68.4





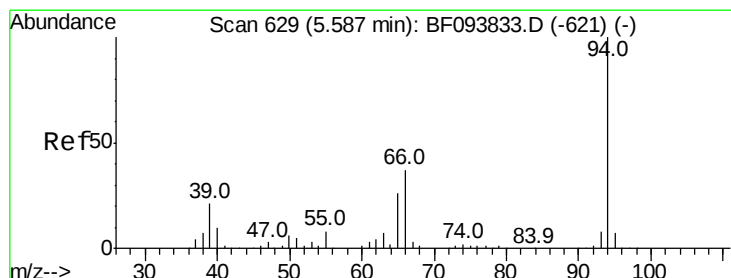
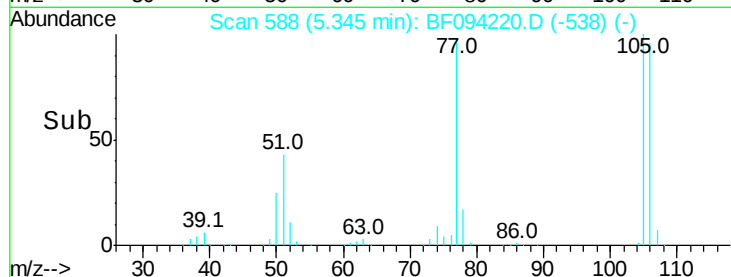
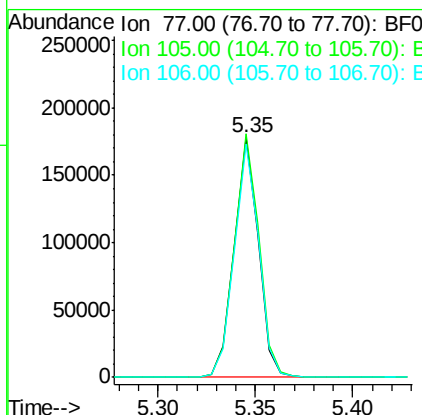
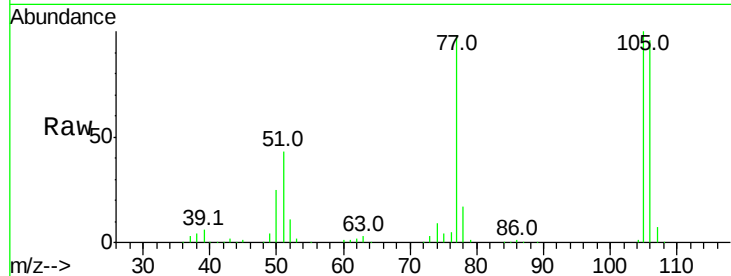
#9
Benzaldehyde
Concen: 19.01 ng
RT: 5.35 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.8	83.8	123.8		
106	97.3	79.1	119.1		

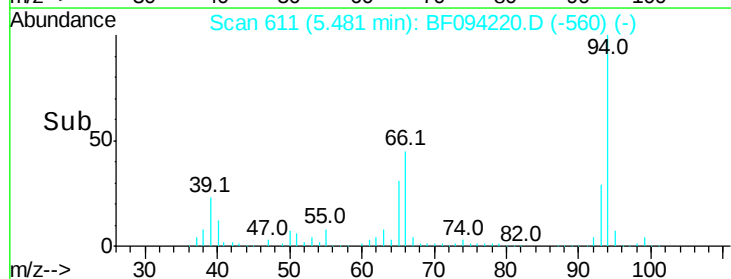
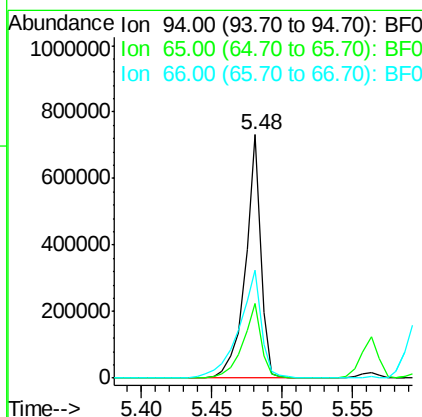
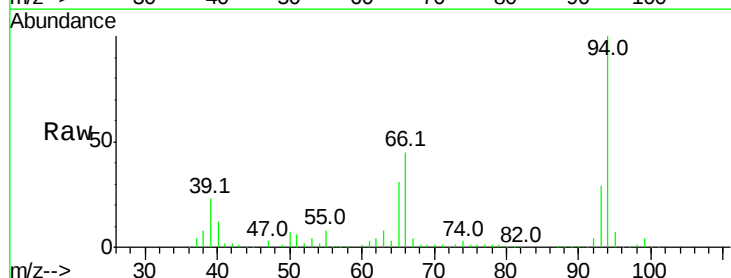
Manual Integrations
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#10
Phenol
Concen: 40.59 ng
RT: 5.48 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.7	9.9	49.9		
66	44.5	23.1	63.1		





#11

bis(2-Chloroethyl)ether

Concen: 41.01 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

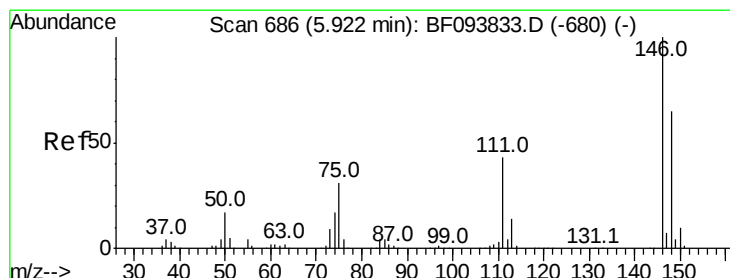
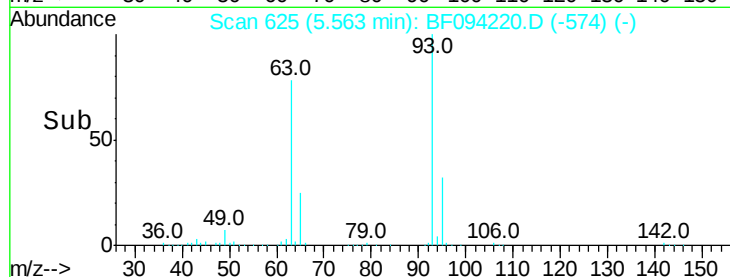
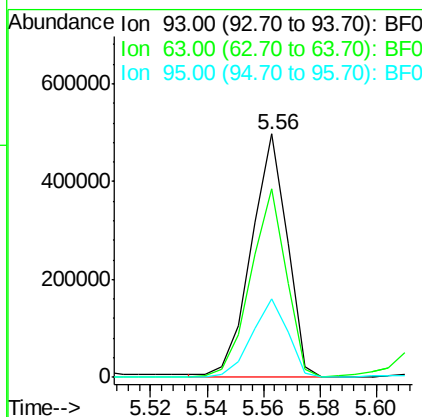
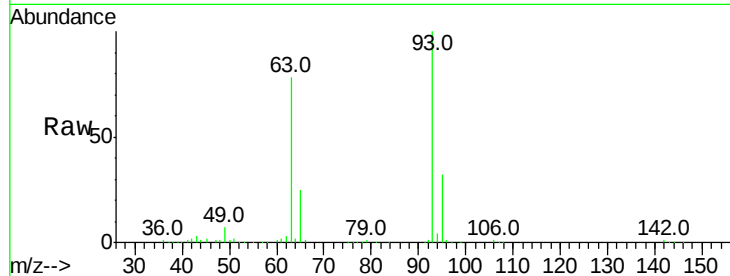
ClientSampleId :

PB98067BS

Tot Ion:	93	Resp:	436740
Ion Ratio	Lower	Upper	
93	100		
63	77.7	59.2	99.2
95	32.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.41 ng

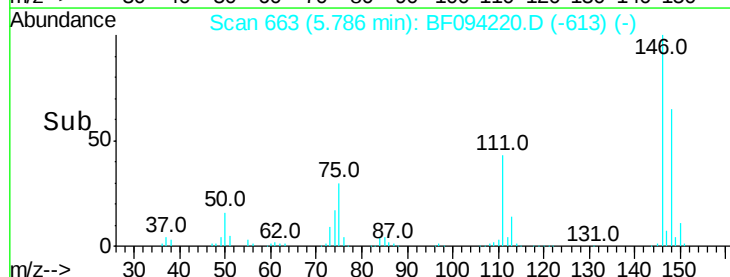
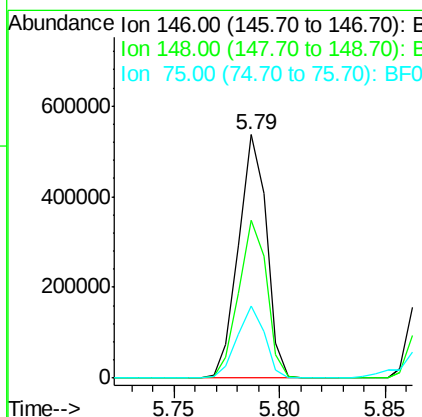
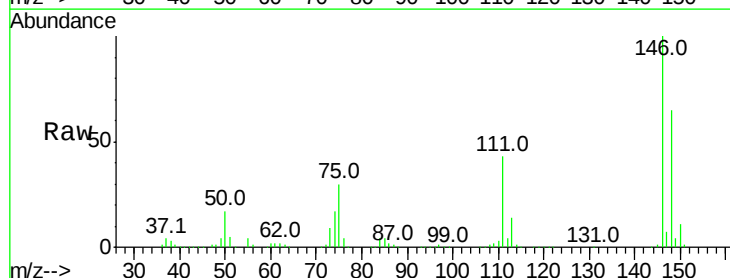
RT: 5.79 min Scan# 663

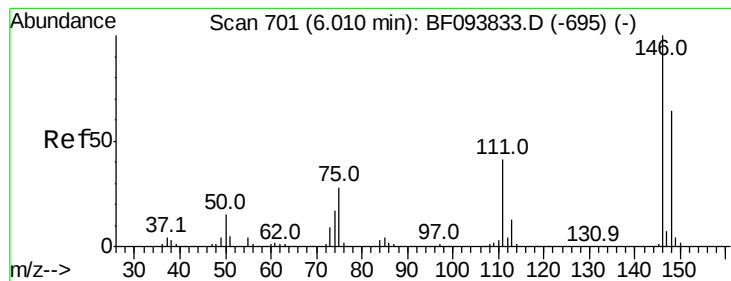
Delta R.T. -0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tgt Ion:	146	Resp:	494164
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.6
75	29.8	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 42.06 ng

RT: 5.87 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

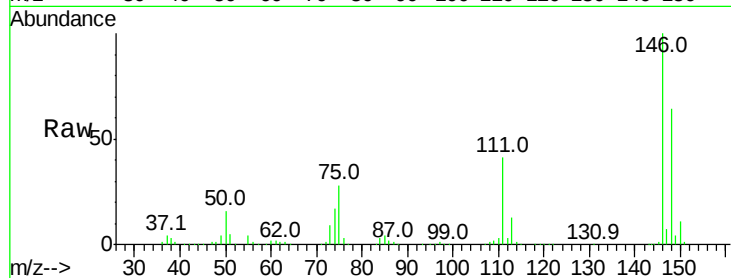
ClientSampleId :

PB98067BS

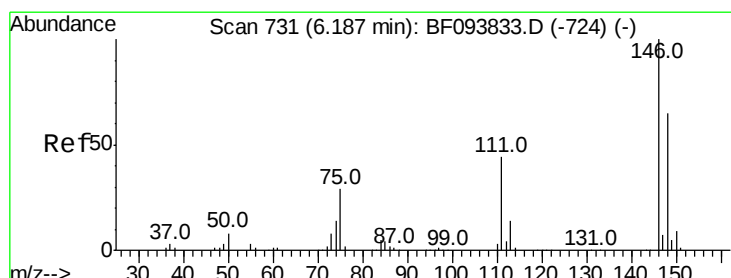
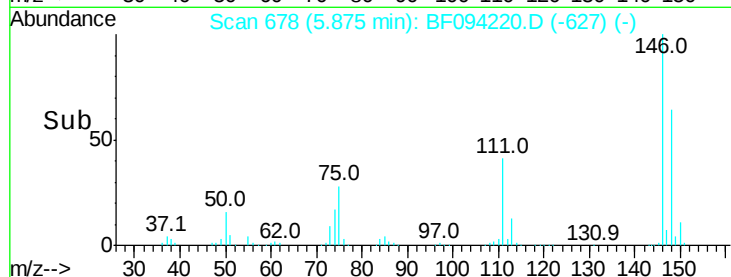
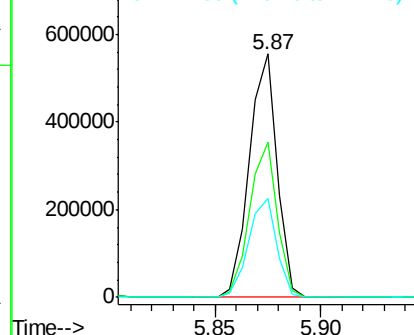
Tot Ion:	146	Resp:	508451
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.2
111	40.8	30.3	45.5

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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: 42.73 ng

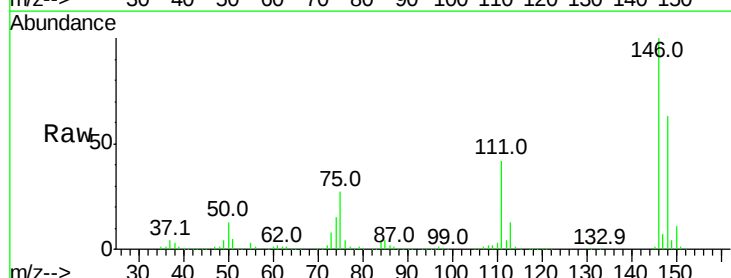
RT: 6.05 min Scan# 708

Delta R.T. -0.00 min

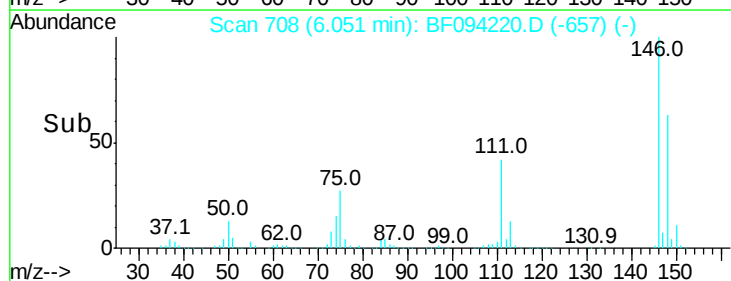
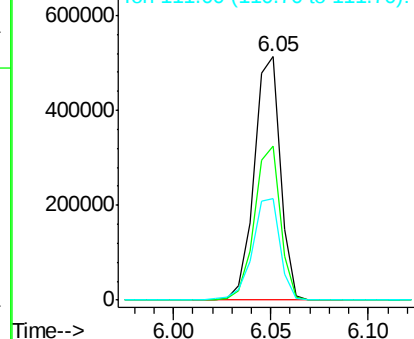
Lab File: BF094220.D

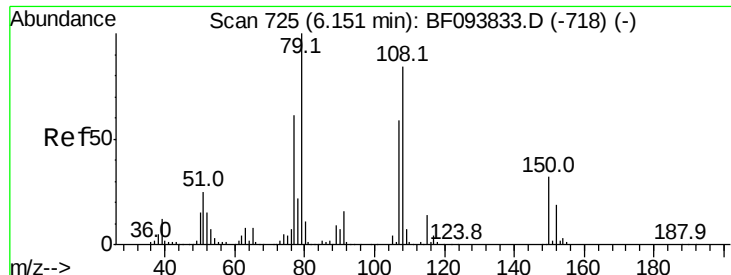
Acq: 6 Apr 2017 11:29

Tgt Ion:	146	Resp:	475661
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.4	75.6
111	41.9	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: 44.36 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

Tot Ion: 79 Resp: 388806

Ion Ratio Lower Upper

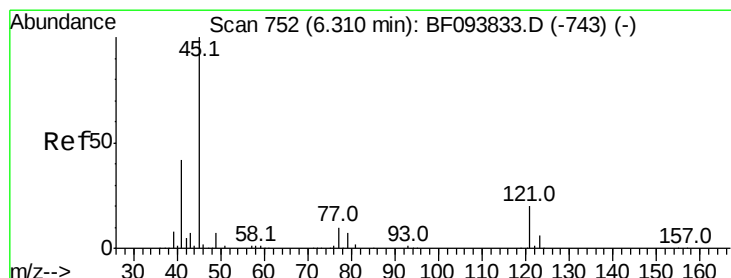
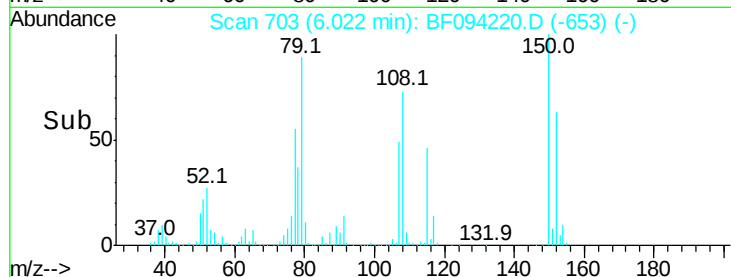
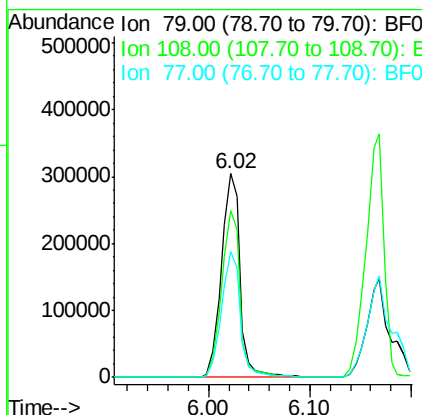
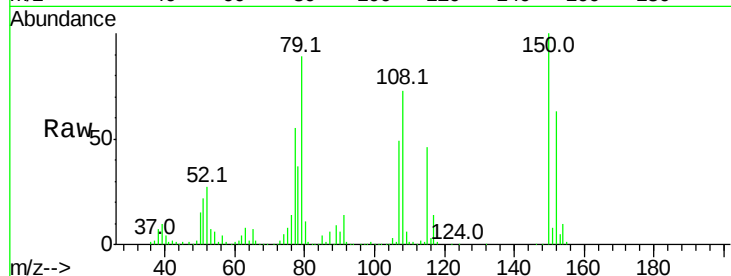
79 100

108 82.1 63.4 95.0

77 62.1 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.71 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

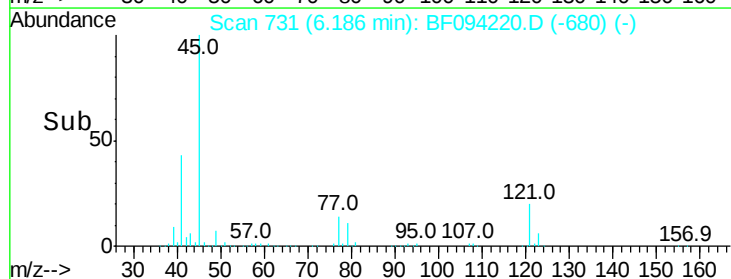
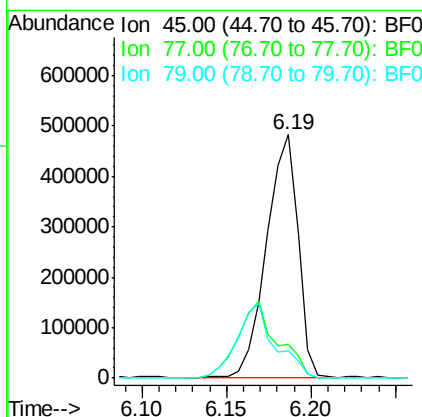
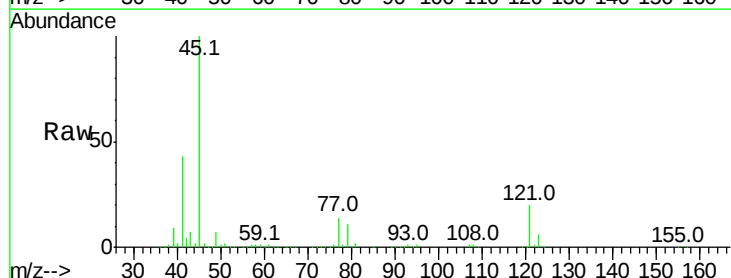
Tgt Ion: 45 Resp: 618842

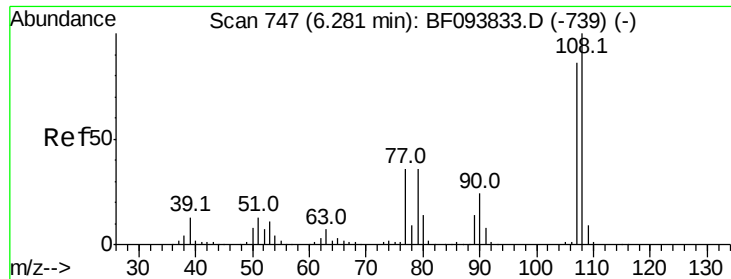
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.2

79 11.1 0.0 30.0





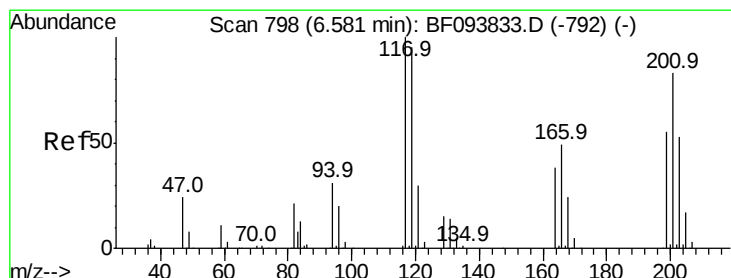
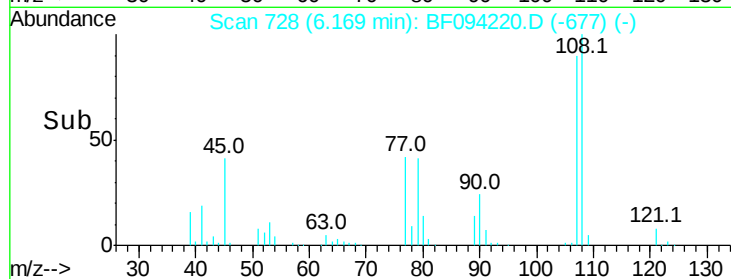
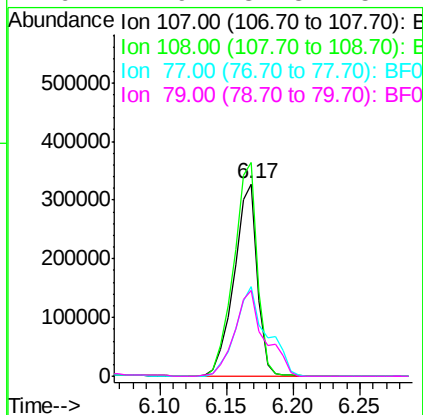
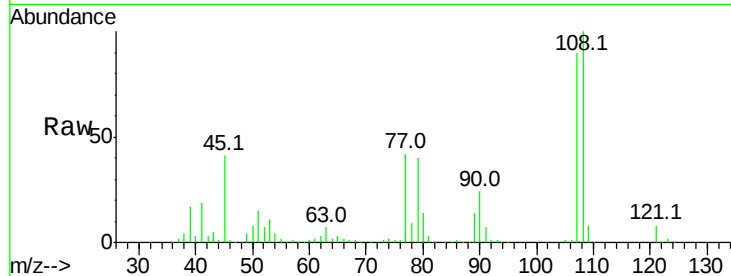
#17
2-Methylphenol
Concen: 44.02 ng
RT: 6.17 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	93.4	140.0	
77	46.4	35.8	53.6	
79	44.9	34.8	52.2	

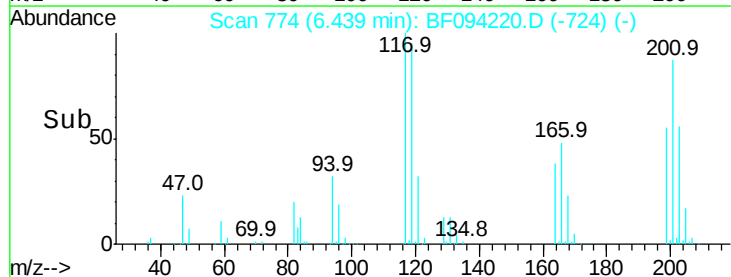
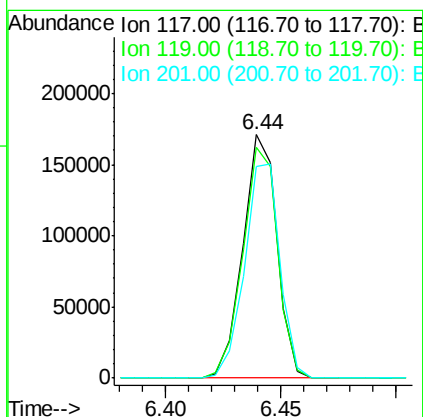
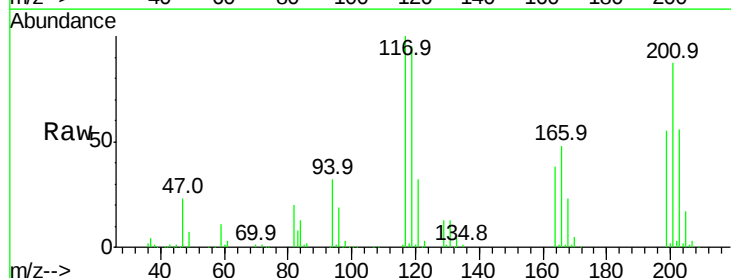
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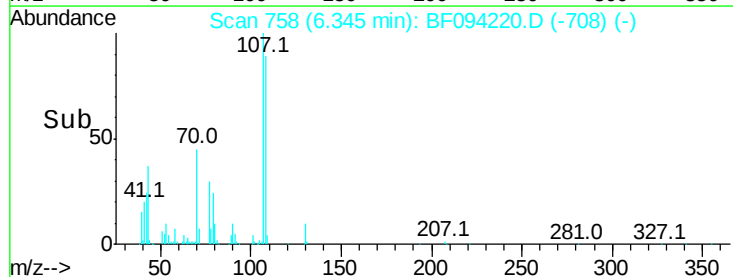
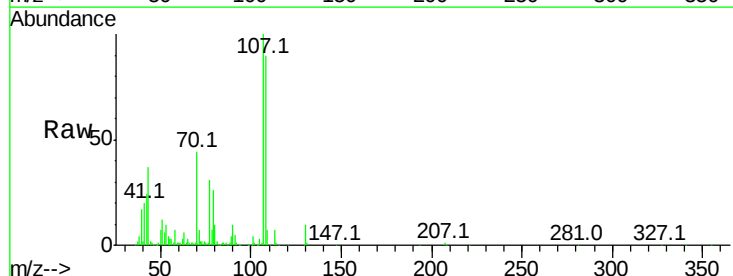
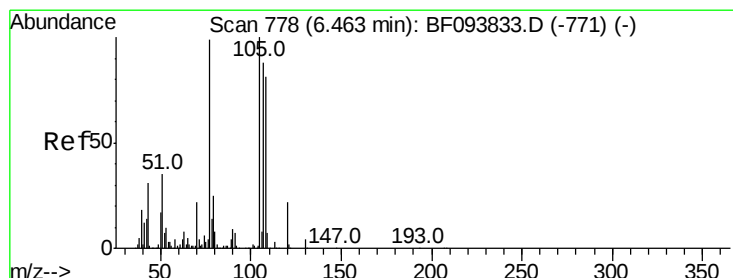
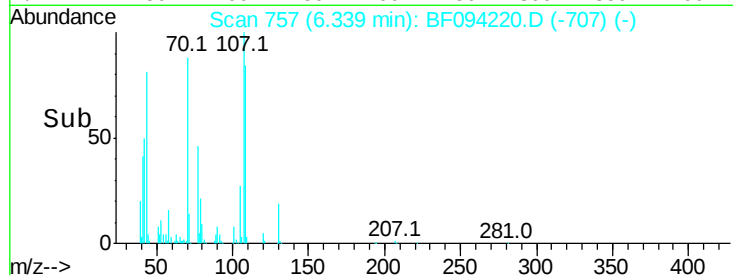
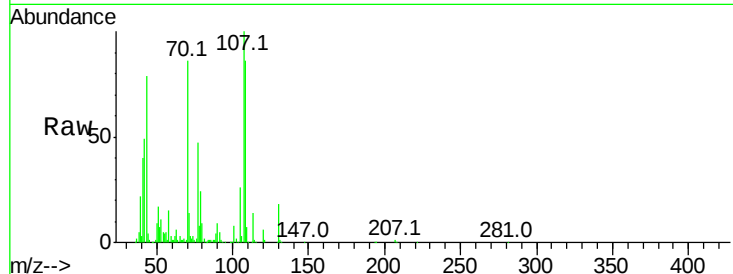
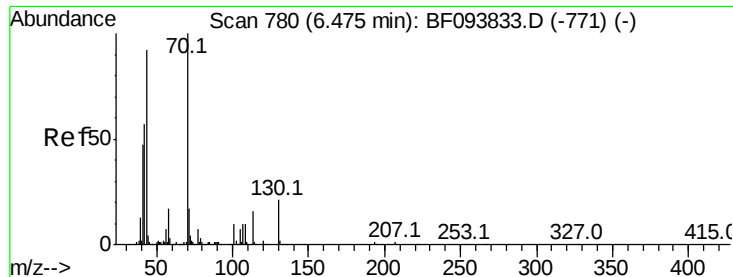
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#18
Hexachloroethane
Concen: 41.56 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

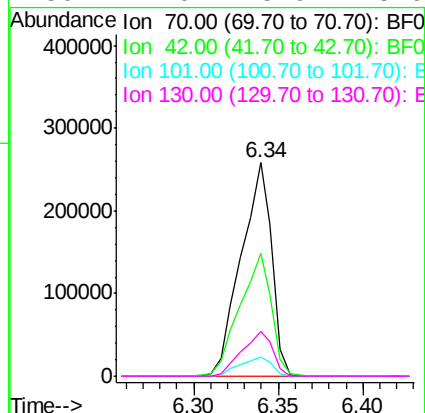
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.4	116.0	
201	86.9	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 42.43 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.2	70.8
101	9.0	7.2	10.8
130	21.0	15.9	23.9



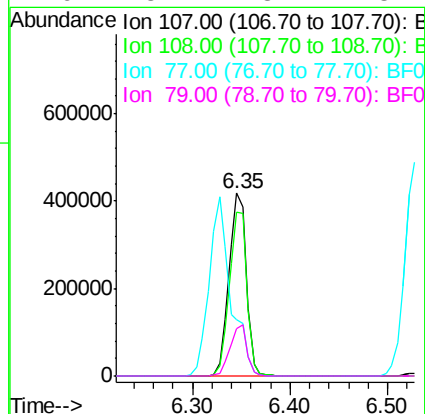
Instrument :
BNA_F
ClientSampleId :
PB98067BS

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#20
3+4-Methylphenols
Concen: 46.94 ng
RT: 6.35 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	71.0	111.0
77	30.9	90.5	130.5#
79	25.7	8.4	48.4





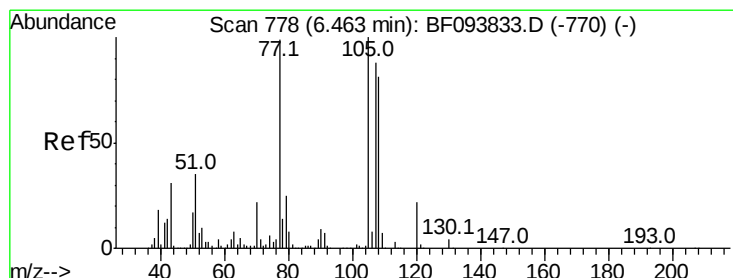
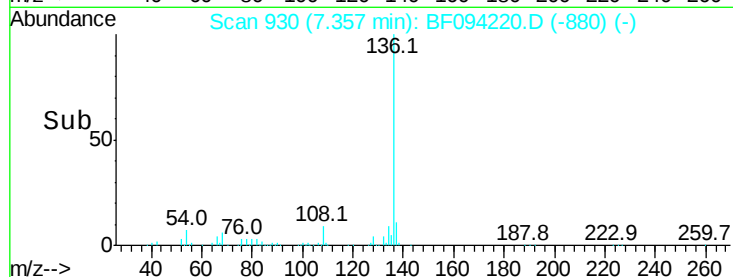
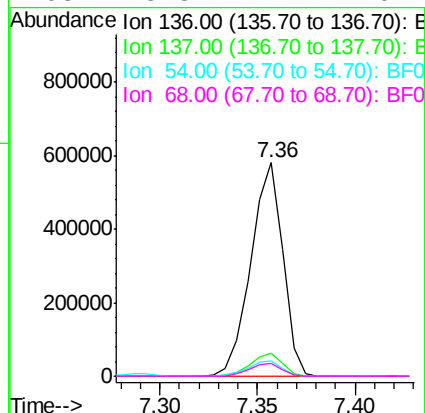
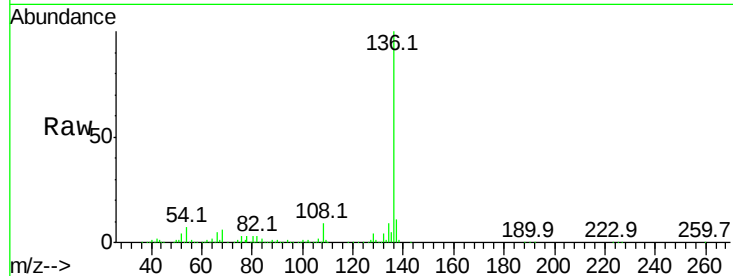
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	659910		
137	10.6		8.5	12.7
54	7.2		4.9	7.3
68	5.8		4.1	6.1

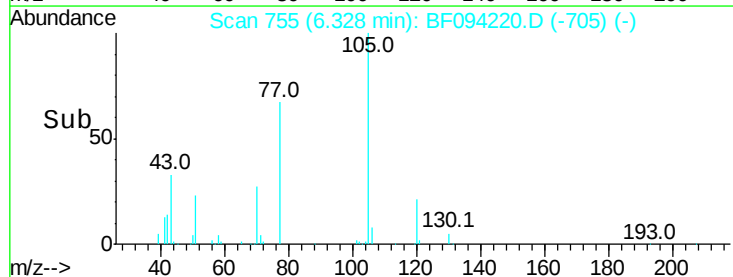
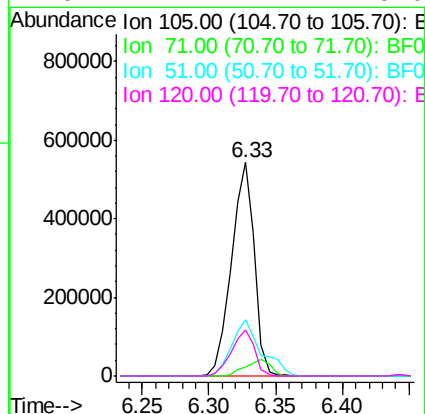
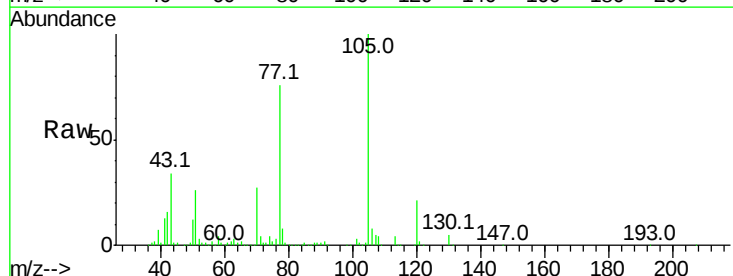
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#22
Acetophenone
Concen: 44.41 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	653200		
71	4.1		2.8	4.2
51	26.3		30.7	46.1#
120	21.4		17.4	26.0





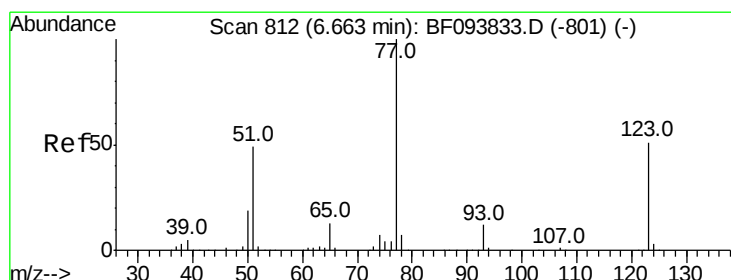
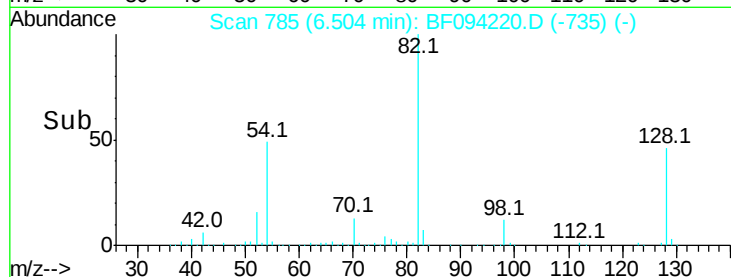
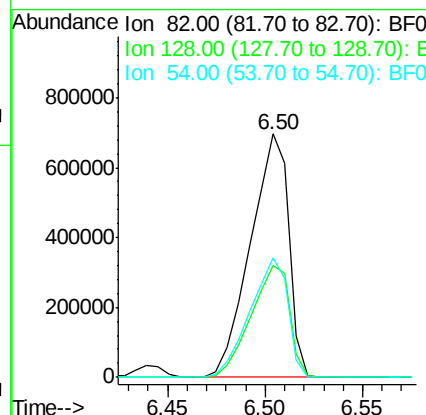
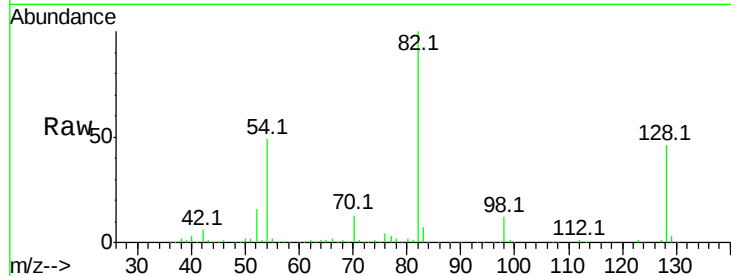
#23
 Nitrobenzene-d5
 Concen: 81.50 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	34.0	51.0	
54	48.9	42.2	63.2	

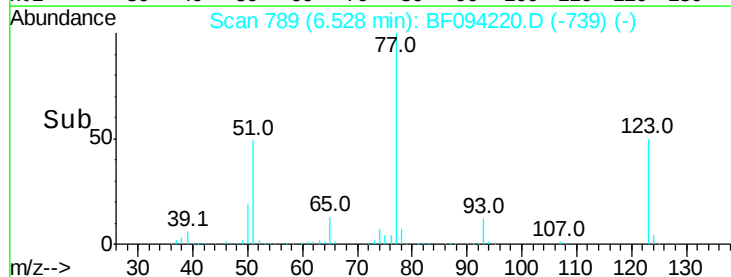
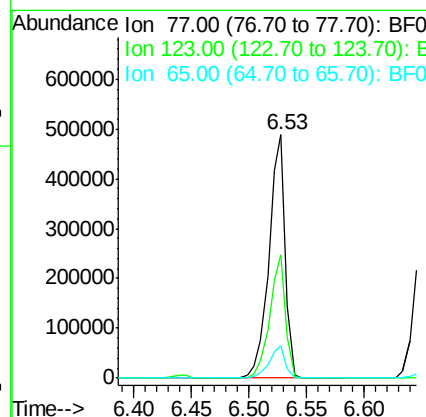
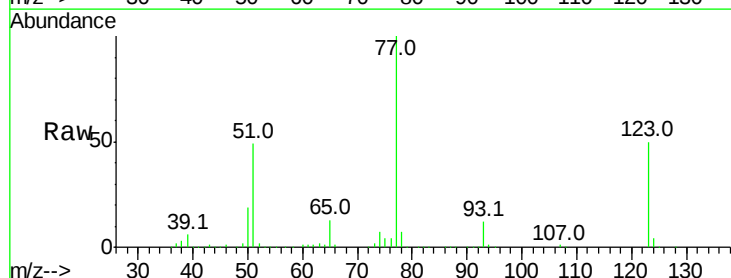
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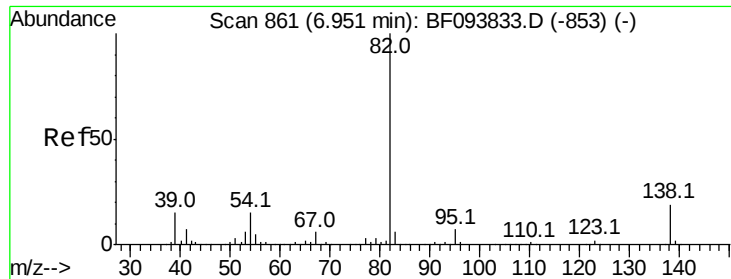
mohammad
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#24
 Nitrobenzene
 Concen: 42.44 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.4	35.8	53.8	
65	13.1	10.6	15.8	





#25

Isophorone

Concen: 42.89 ng

RT: 6.82 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

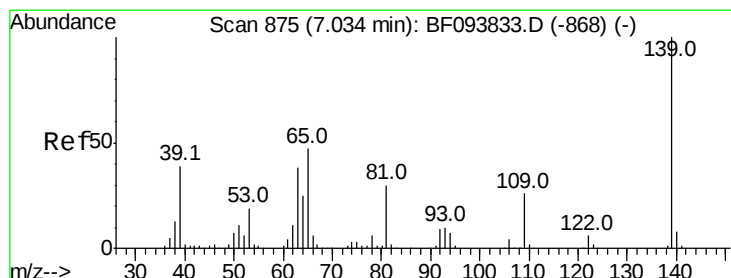
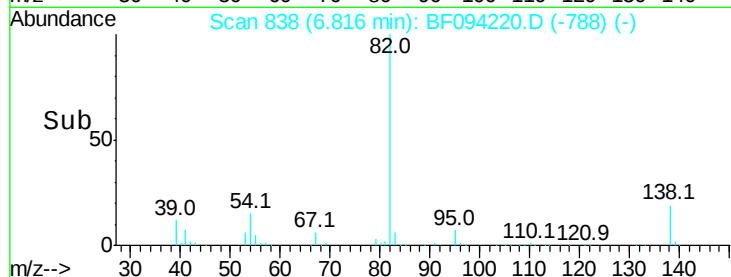
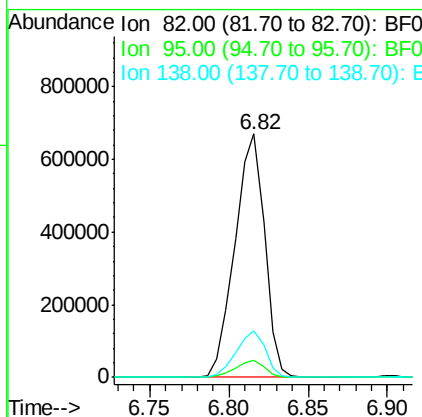
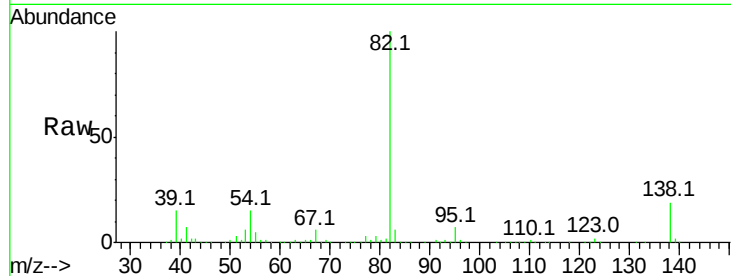
ClientSampleId :

PB98067BS

Tot Ion:	82	Resp:	871520
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.34 ng

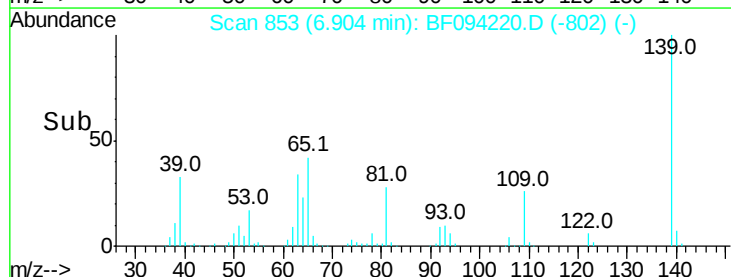
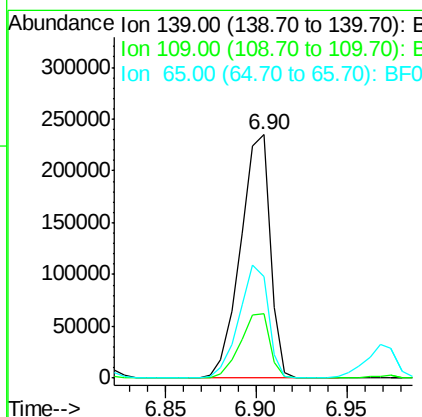
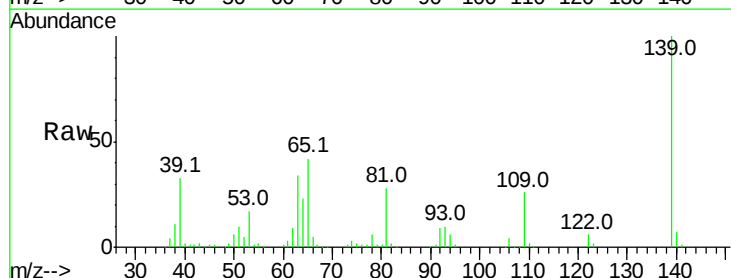
RT: 6.90 min Scan# 853

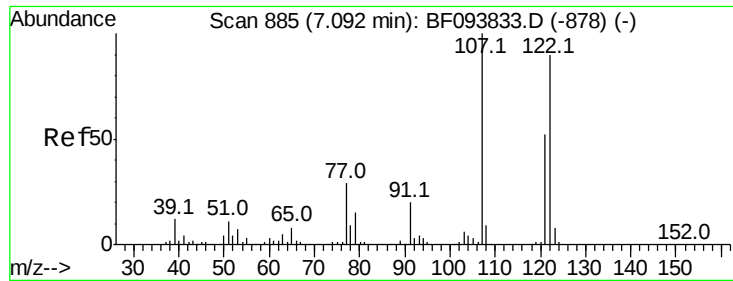
Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tgt Ion:	139	Resp:	268351
Ion Ratio	Lower	Upper	
139	100		
109	26.5	21.0	31.6
65	41.8	33.0	49.6





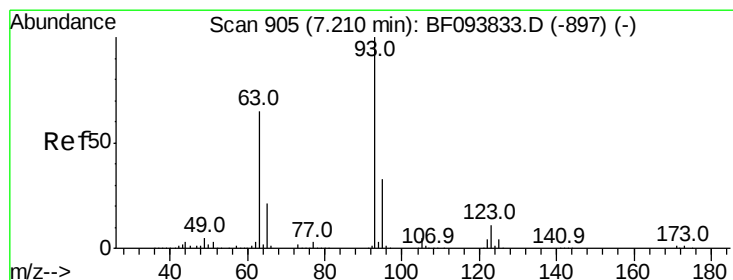
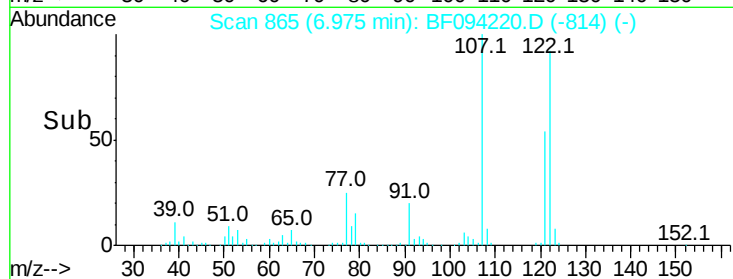
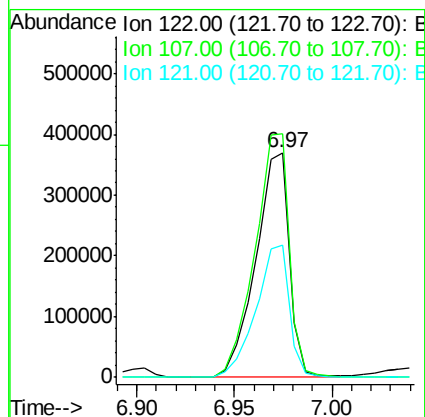
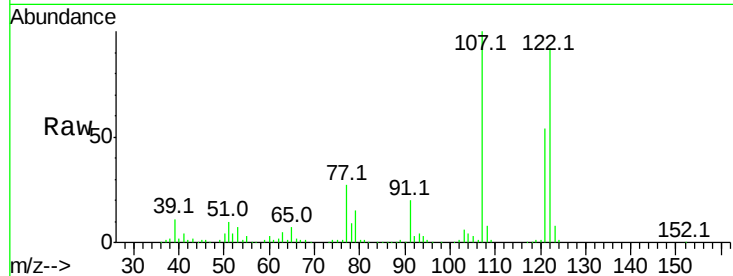
#27
 2,4-Dimethylphenol
 Concen: 47.14 ng
 RT: 6.97 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleID :
 PB98067BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.4	89.2	133.8
121	59.0	45.2	67.8

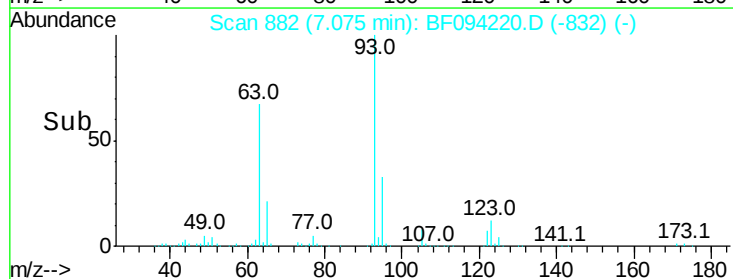
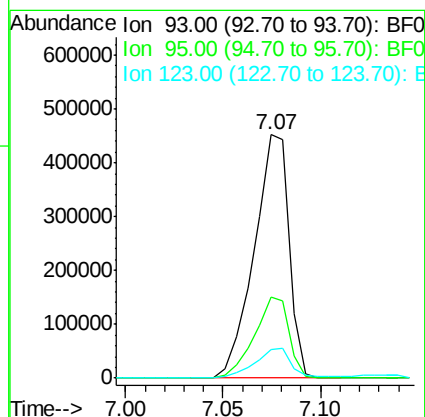
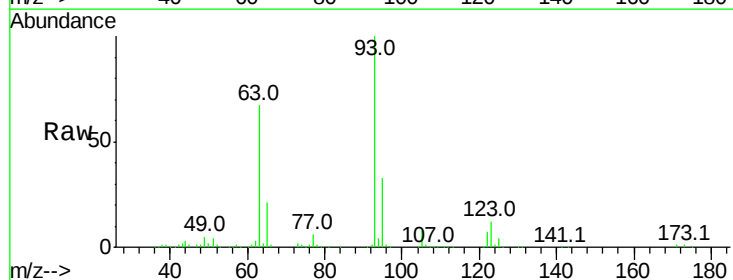
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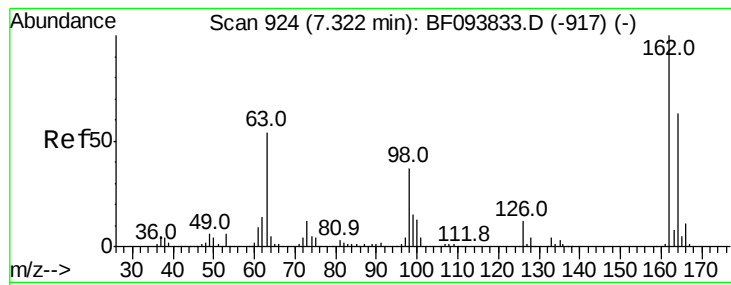
mohammad
 4/7/2017 5:20:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.89 ng
 RT: 7.07 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	11.8	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 47.13 ng

RT: 7.20 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

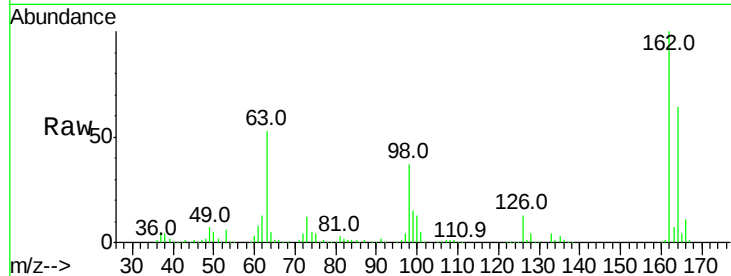
ClientSampled :

PB98067BS

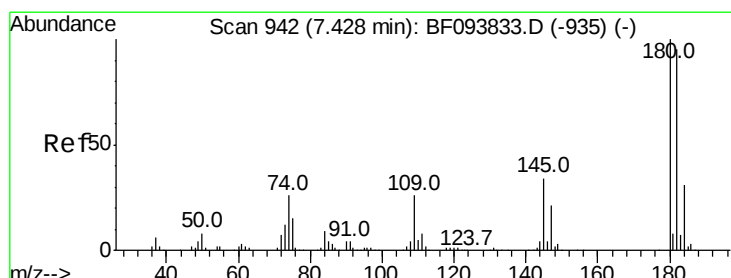
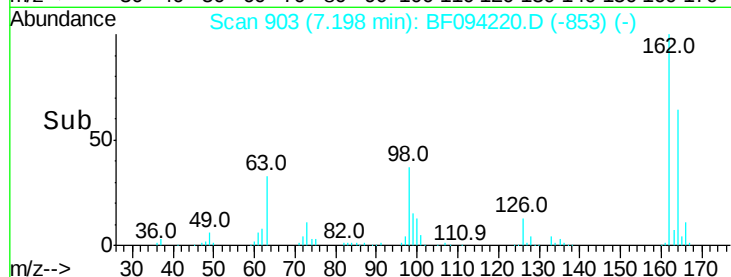
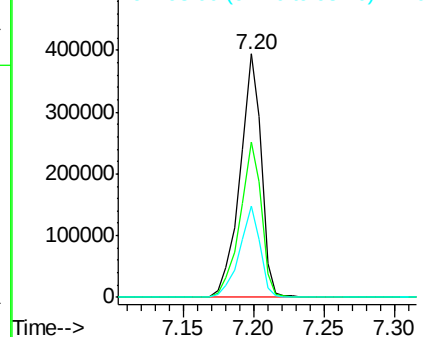
Tot Ion:	162	Resp:	412983
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.6	84.6
98	37.4	14.8	54.8

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



#30

1,2,4-Trichlorobenzene

Concen: 43.84 ng

RT: 7.29 min Scan# 919

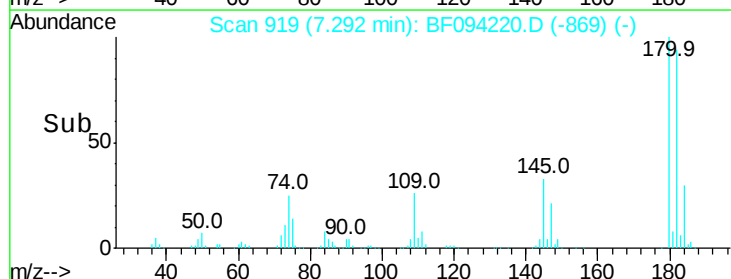
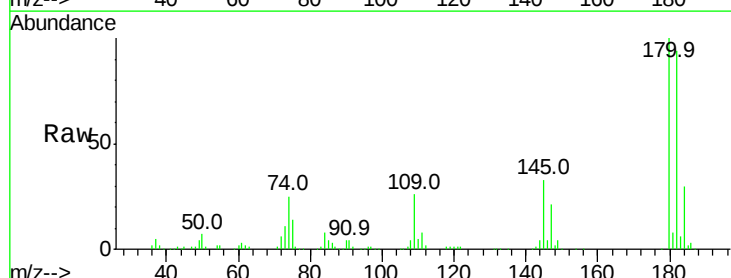
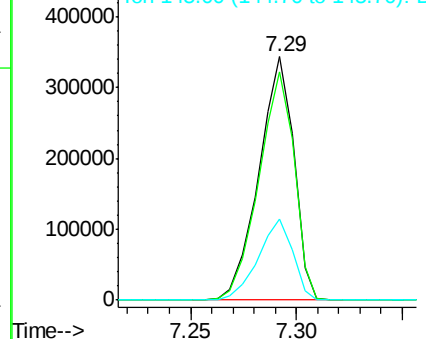
Delta R.T. -0.01 min

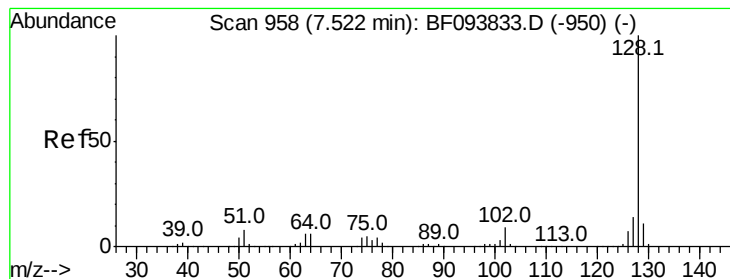
Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tgt Ion:	180	Resp:	395650
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.8	113.6
145	33.4	25.3	37.9

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





#31

Naphthalene

Concen: 42.49 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

ClientSampleId :

PB98067BS

Tot Ion:128 Resp: 1348211

Ion Ratio Lower Upper

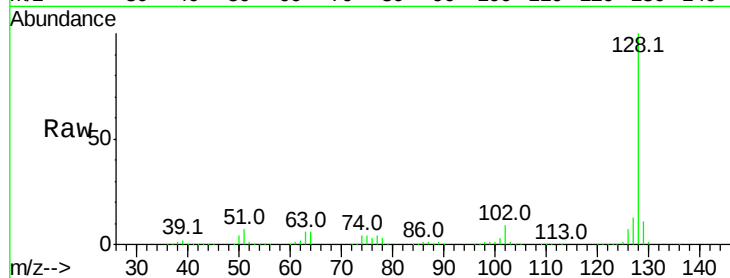
128 100

129 11.2 9.0 13.6

127 13.5 10.8 16.2

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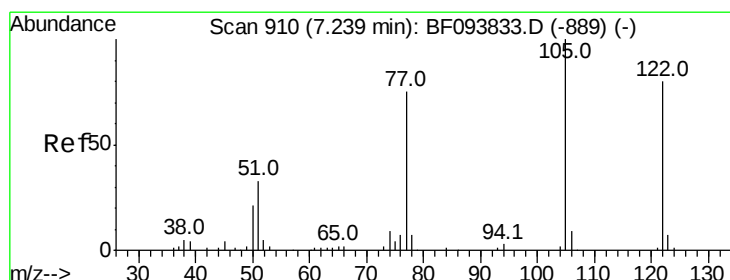
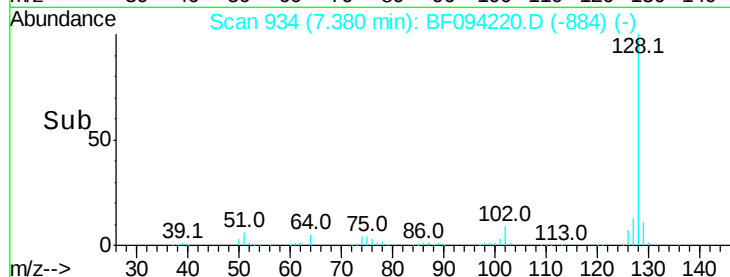
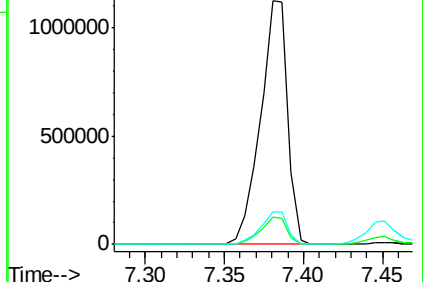
mohammad
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 45.72 ng

RT: 7.14 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

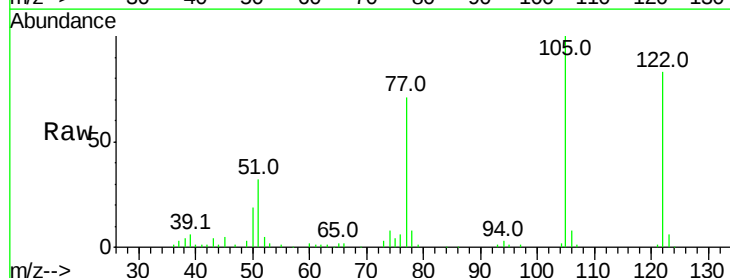
Tgt Ion:122 Resp: 285195

Ion Ratio Lower Upper

122 100

105 120.7 103.3 143.3

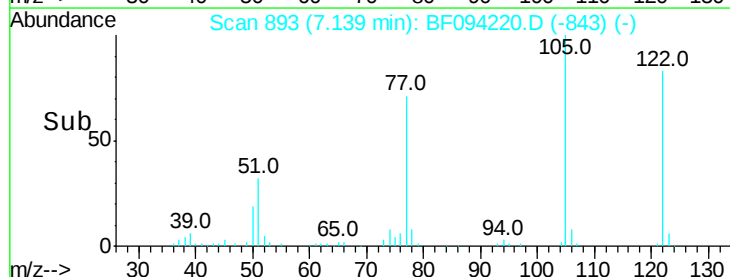
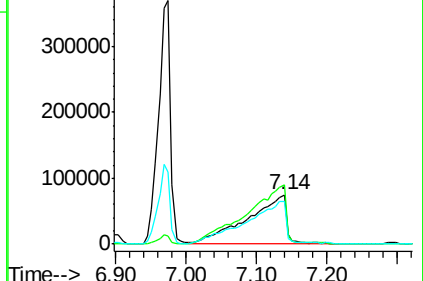
77 85.6 73.7 113.7

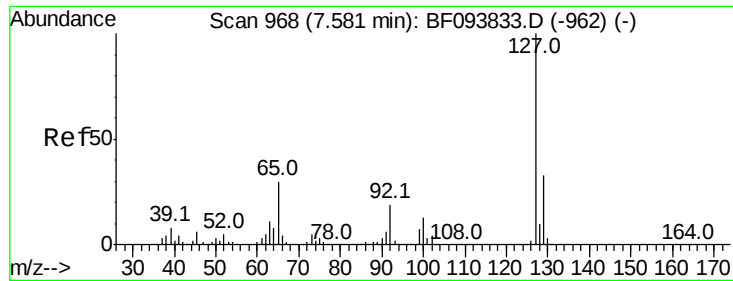


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





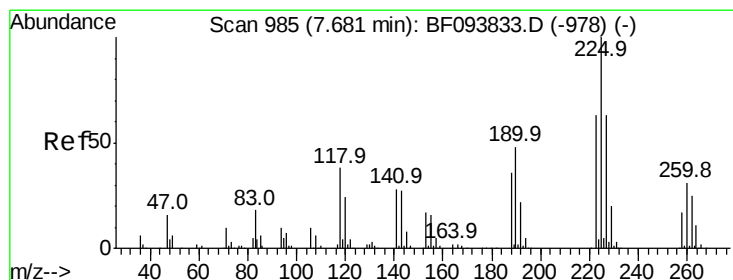
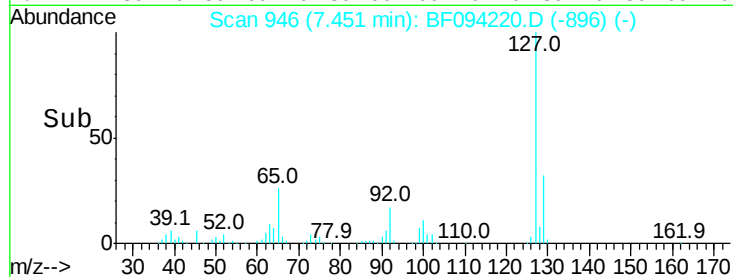
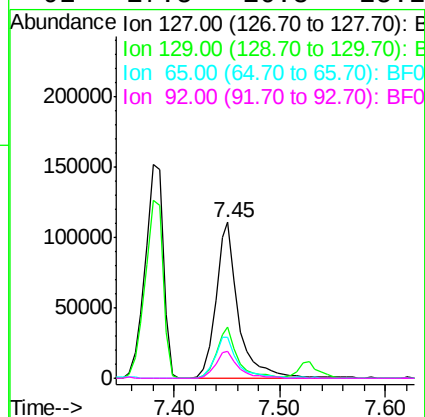
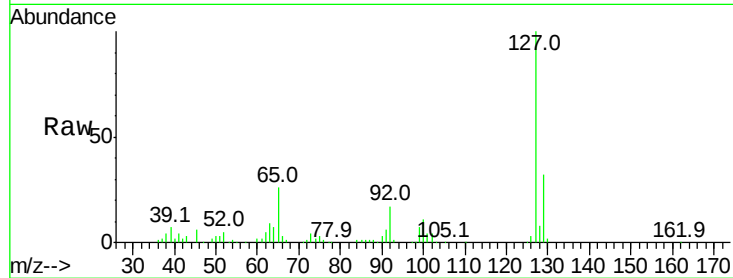
#33
4-Chloroaniline
Concen: 12.80 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.2		
65	26.5	27.8	41.8		
92	17.5	16.8	25.2		

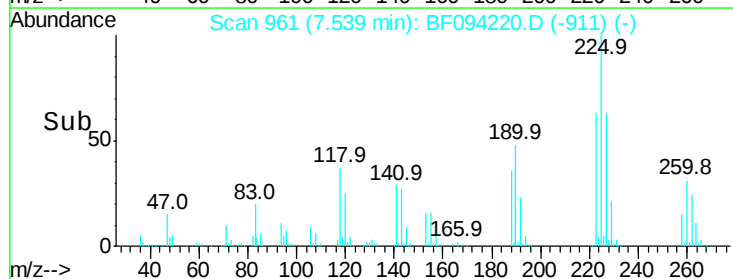
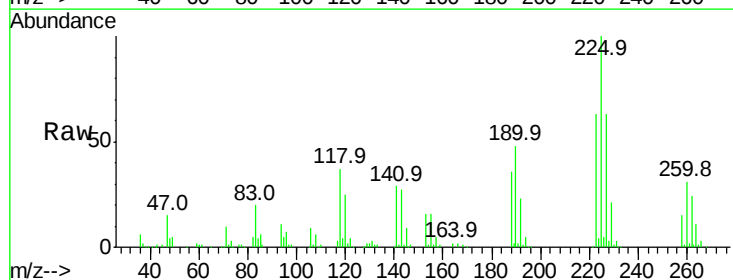
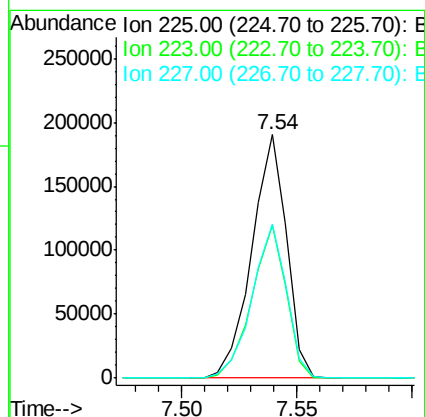
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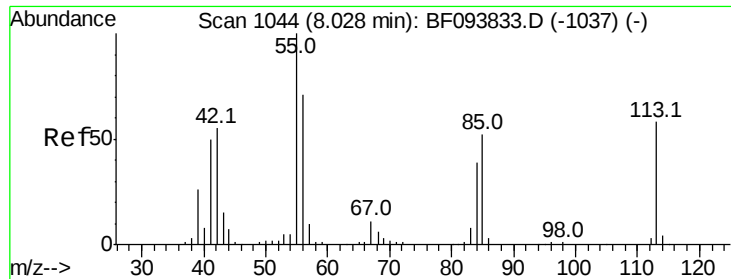
mohammad
4/7/2017 5:20:32 PM



#34
Hexachlorobutadiene
Concen: 43.07 ng
RT: 7.54 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	48.8	73.2		
227	63.1	51.1	76.7		





#35

Caprolactam

Concen: 50.99 ng/mL

RT: 7.90 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

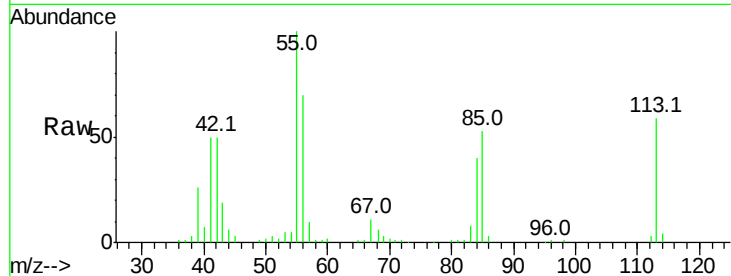
ClientSampleID :

PB98067BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	169.3	150.2	190.2		
56	118.6	107.8	147.8		

Manual Integrations
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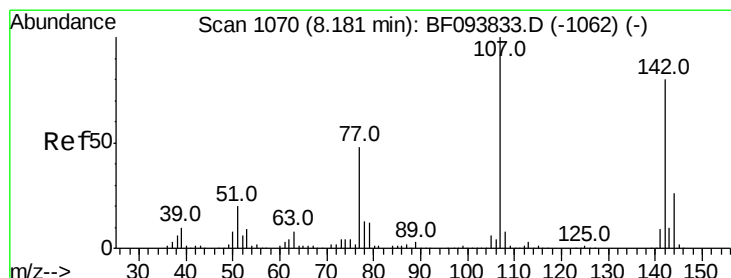
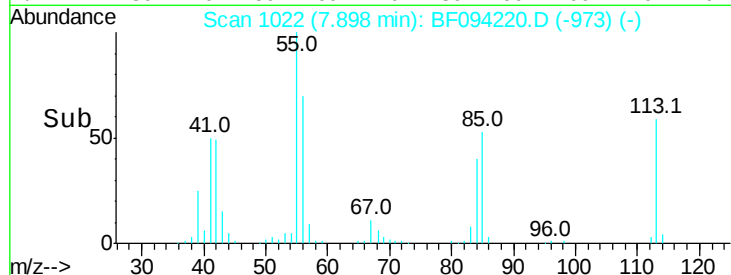
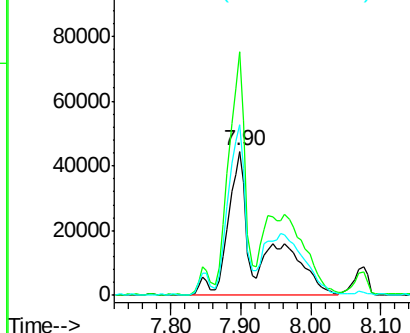
mohammad
4/7/2017 5:20:32 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.92 ng/mL

RT: 8.07 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF094220.D

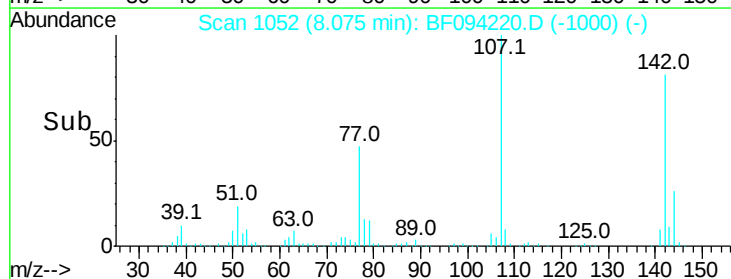
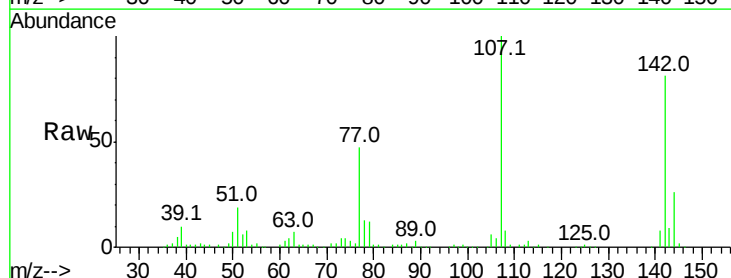
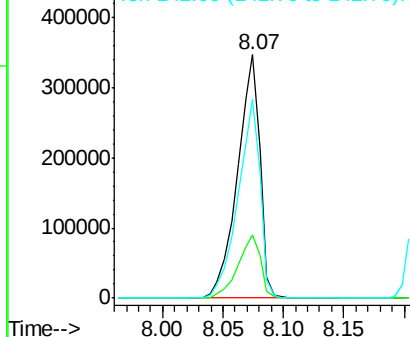
Acq: 6 Apr 2017 11:29

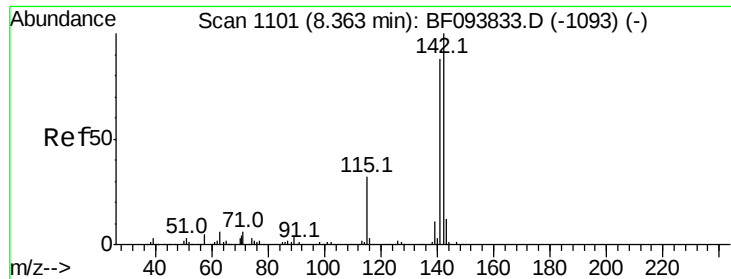
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.8	24.2	36.4		
142	81.5	73.4	110.0		

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





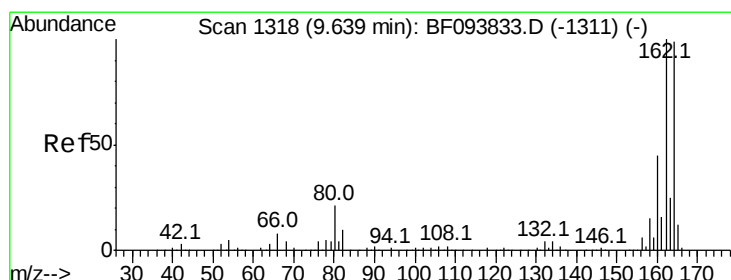
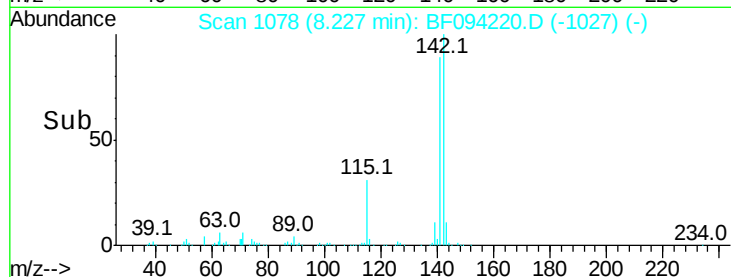
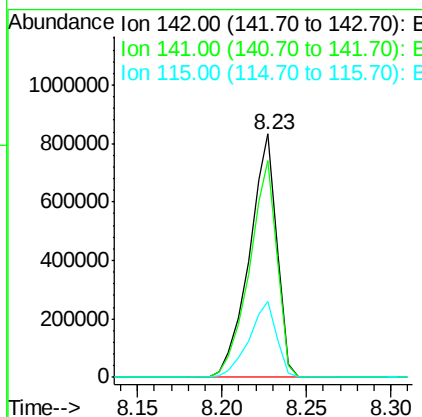
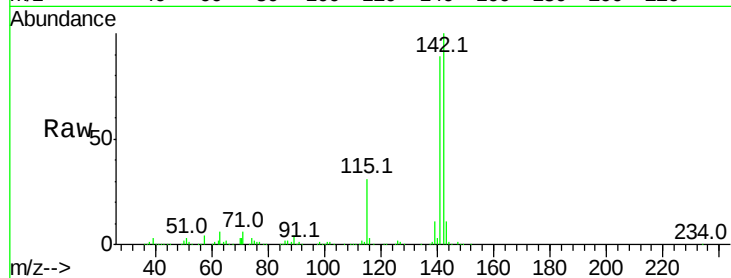
#37
2-Methylnaphthalene
Concen: 44.70 ng
RT: 8.23 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	31.2	27.1	40.7

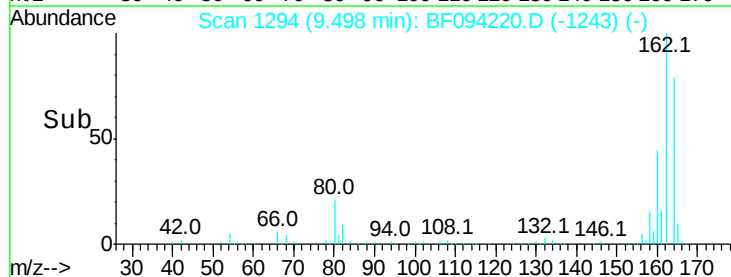
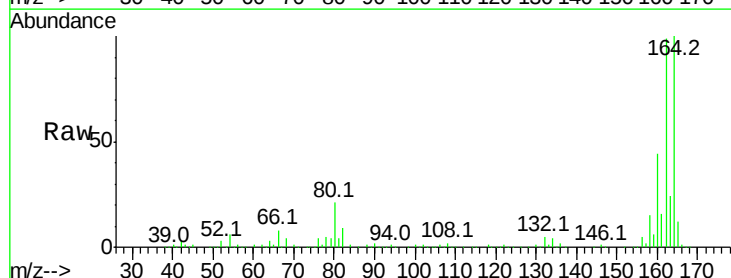
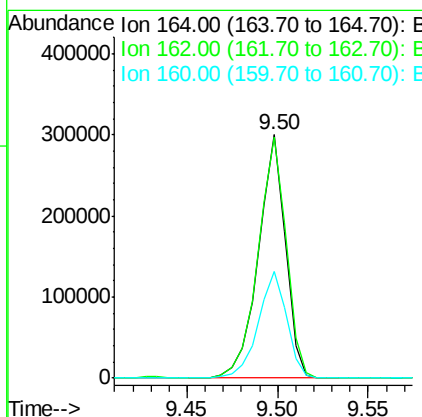
Manual Integrations
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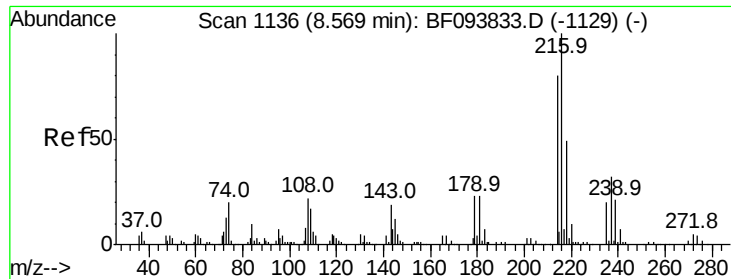
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	82.6	123.8
160	43.7	36.2	54.2





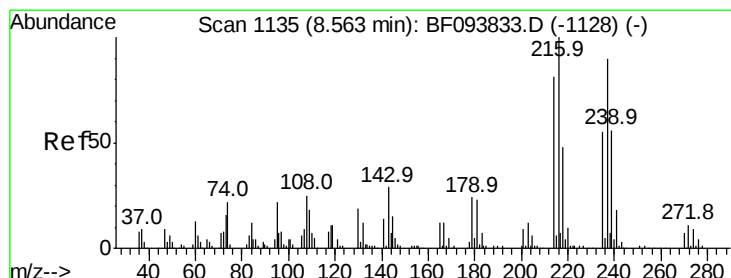
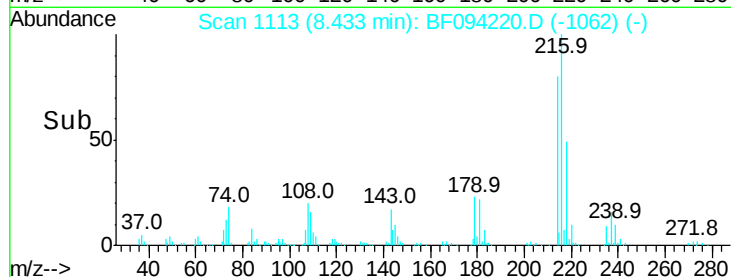
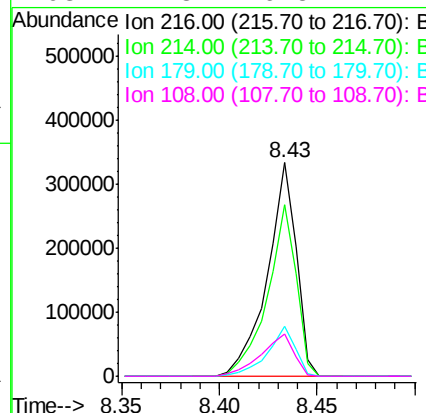
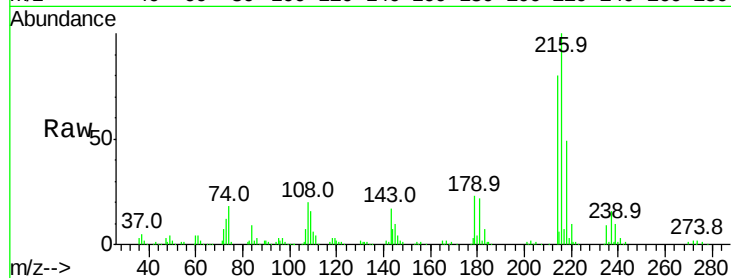
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.20 ng
 RT: 8.43 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.4	95.2	
179	22.4	17.9	26.9	
108	22.8	16.5	24.7	

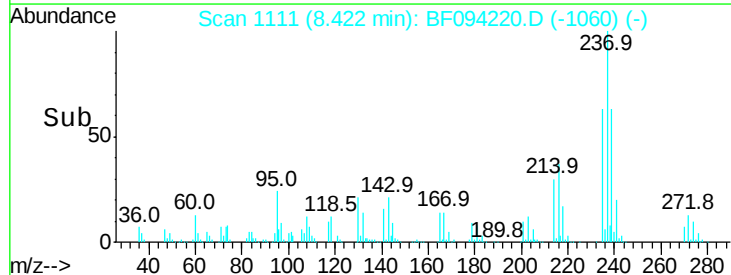
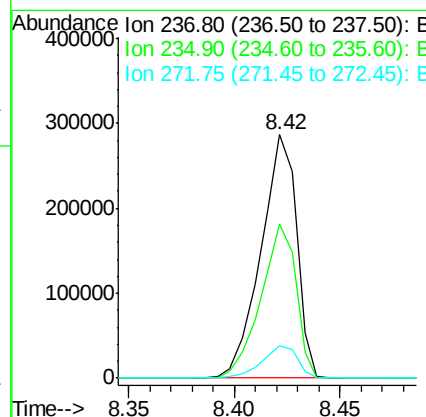
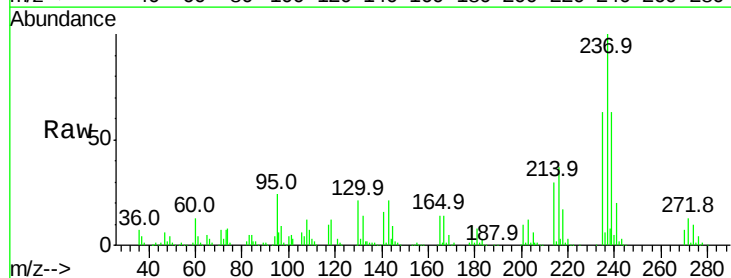
Manual Integrations
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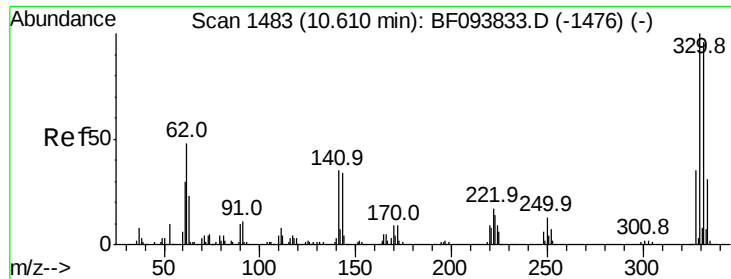
mohammad
 4/7/2017 5:20:32 PM



#40
 Hexachlorocyclopentadiene
 Concen: 84.16 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.1	42.6	82.6	
272	13.1	0.0	31.9	





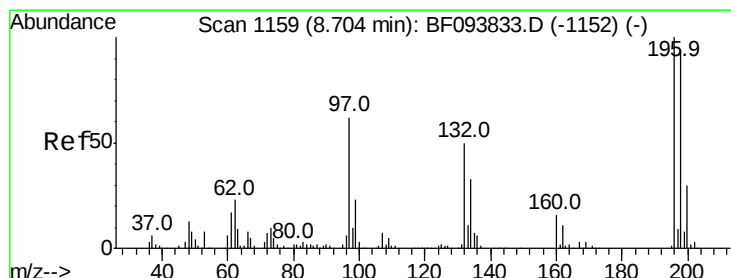
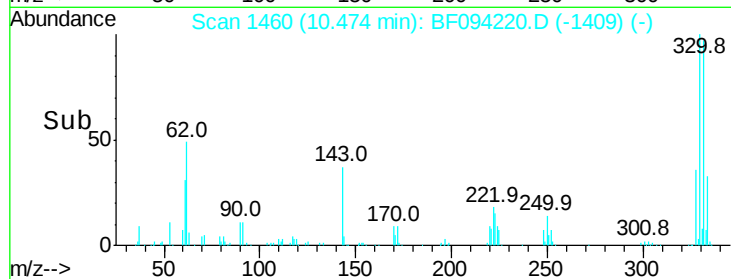
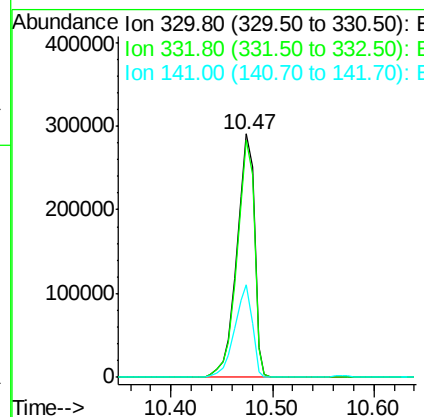
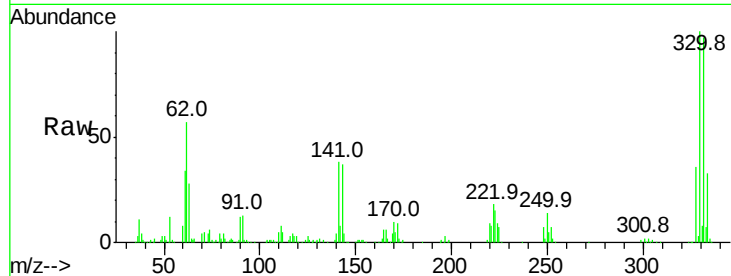
#41
 2,4,6-Tribromophenol
 Concen: 142.63 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.6	115.0	
141	38.2	31.4	47.2	

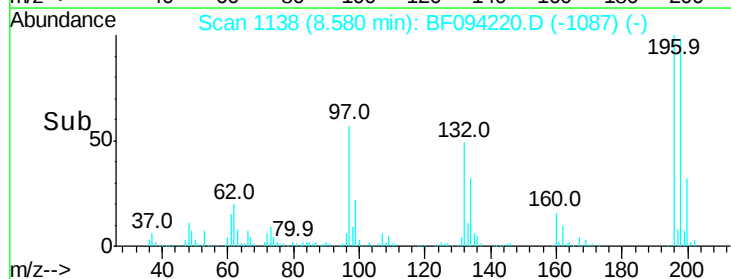
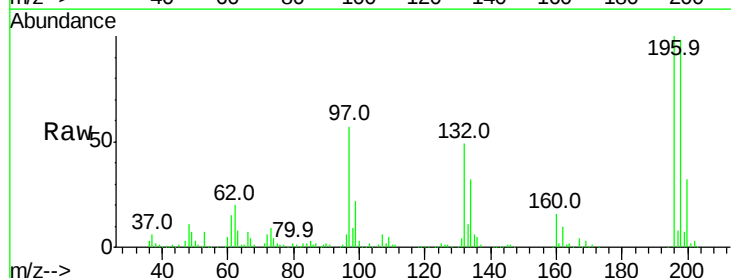
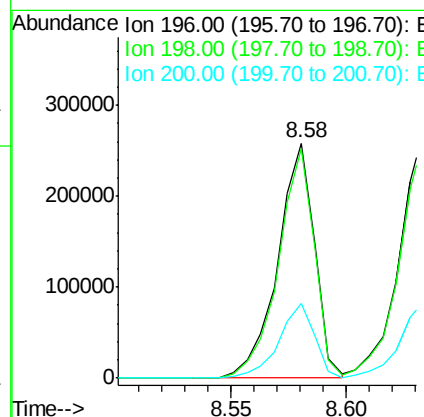
Manual Integrations
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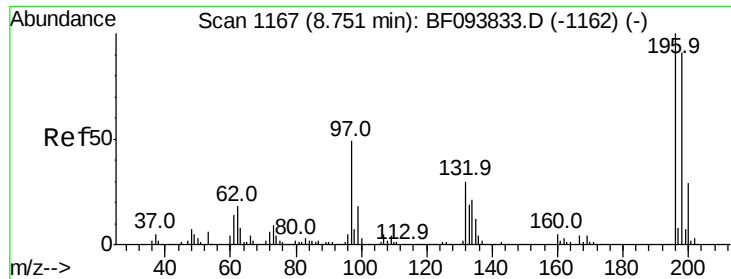
mohammad
 4/7/2017 5:20:32 PM



#42
 2,4,6-Trichlorophenol
 Concen: 46.90 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.7	74.2	111.4	
200	31.6	24.0	36.0	





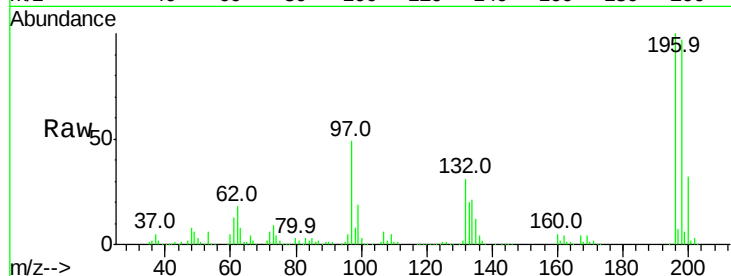
#43
 2,4,5-Trichlorophenol
 Concen: 44.42 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

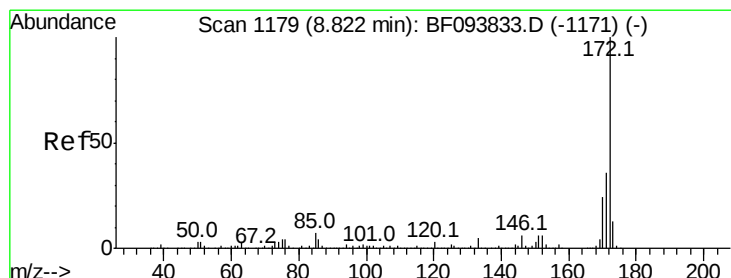
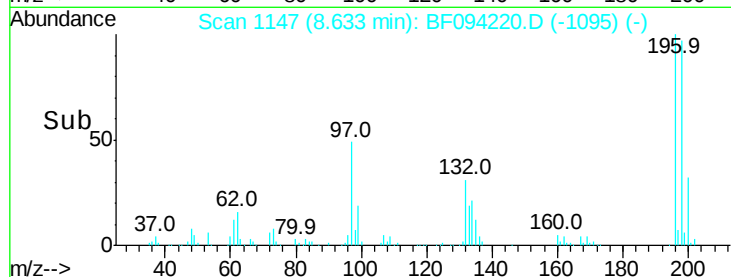
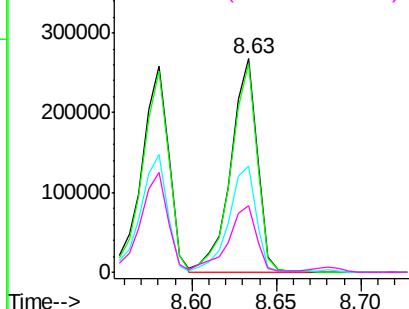
Tot Ion	196	Resp	291080
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.7	113.5
97	49.5	47.7	71.5
132	31.3	28.0	42.0

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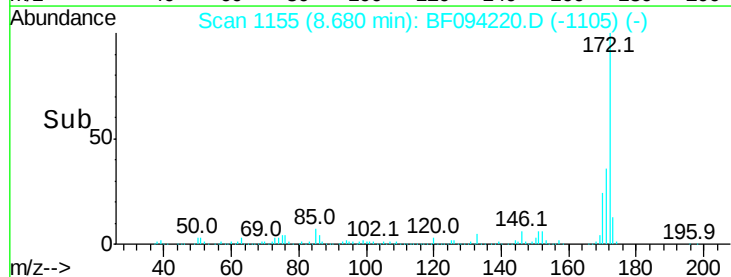
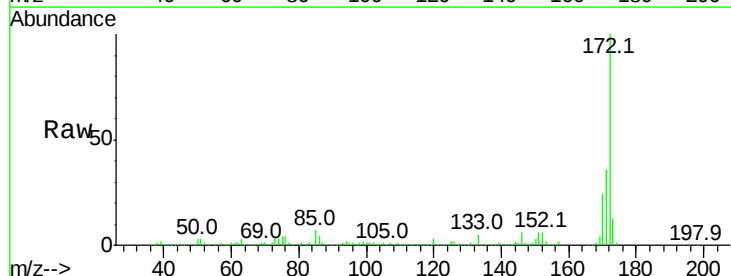
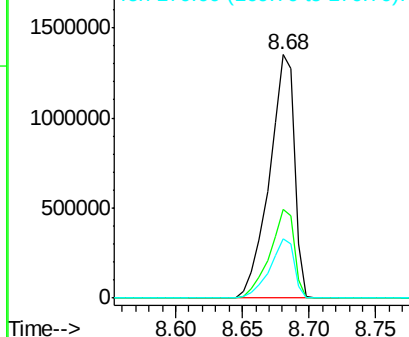
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.25 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	172	Resp	1769533
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	24.2	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





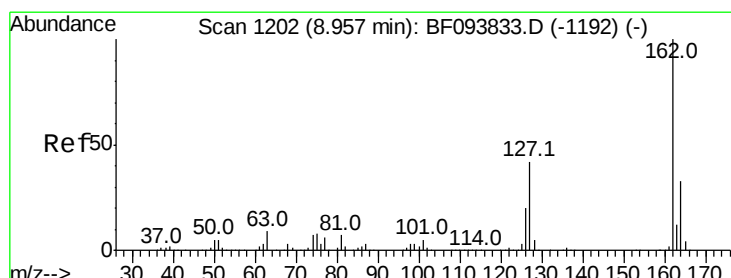
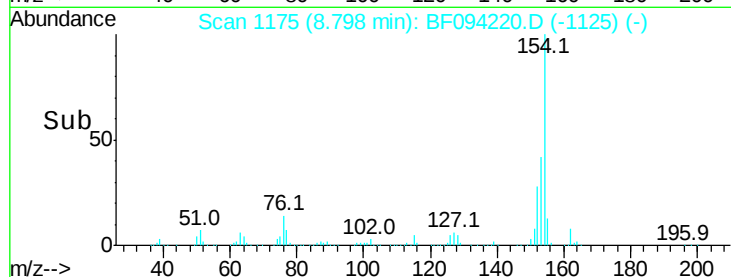
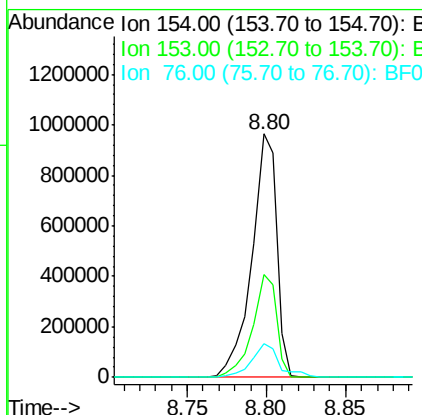
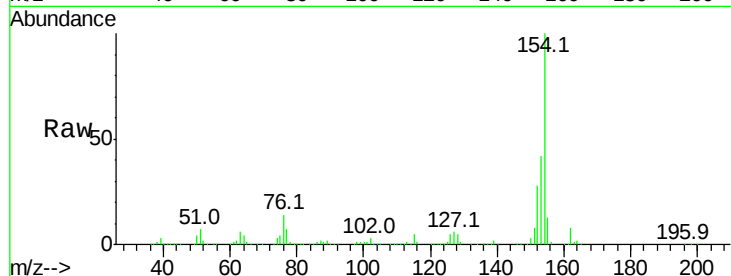
#45
 1,1'-Biphenyl
 Concen: 41.73 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.2	61.2
76	14.0	0.0	29.9

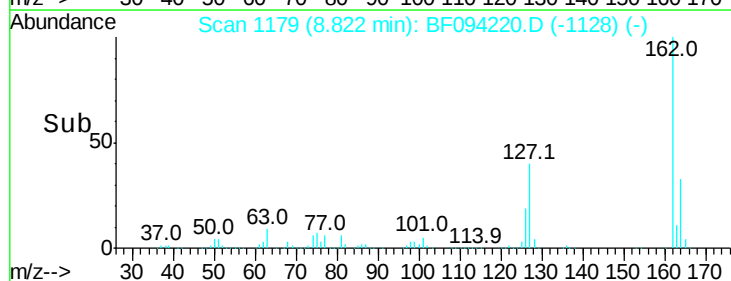
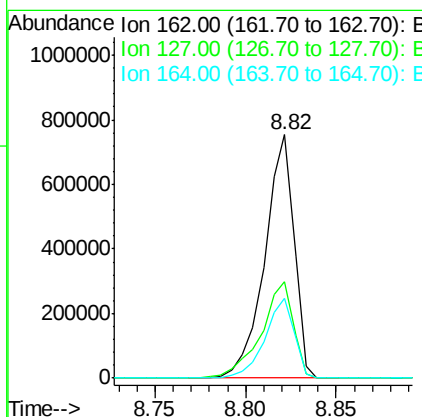
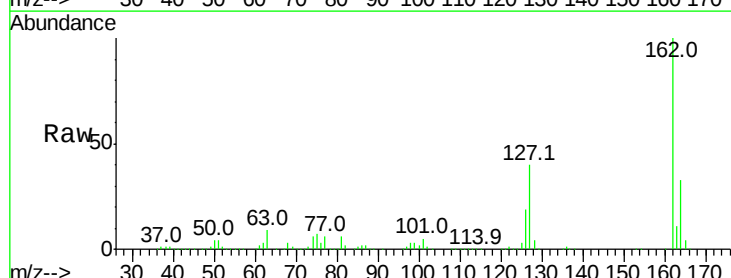
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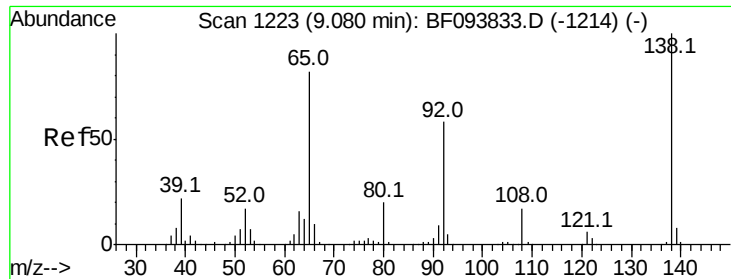
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#46
 2-Chloronaphthalene
 Concen: 42.83 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	28.3	42.5
164	32.9	27.0	40.4





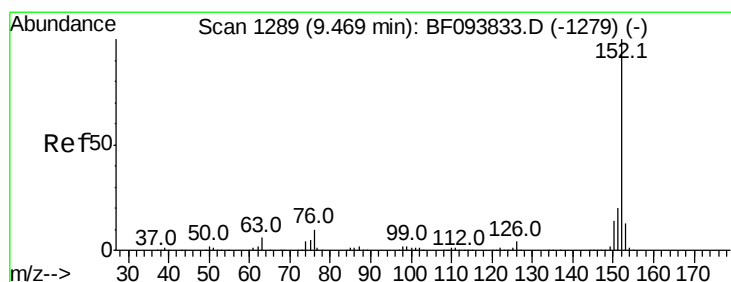
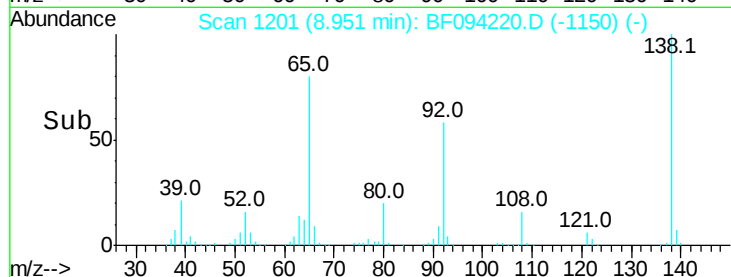
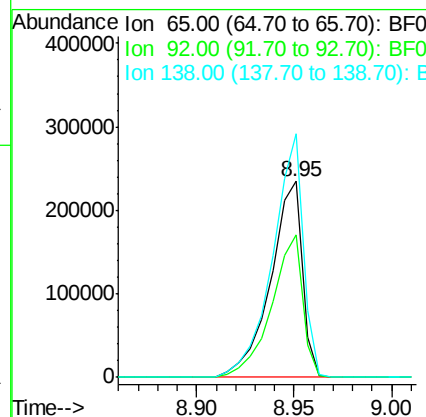
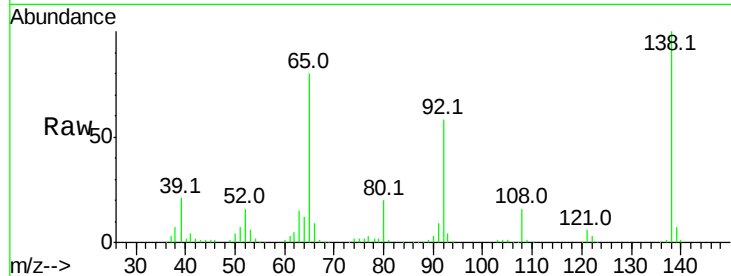
#47
2-Nitroaniline
Concen: 45.33 ng
RT: 8.95 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.6	53.9	80.9
138	124.2	78.8	118.2

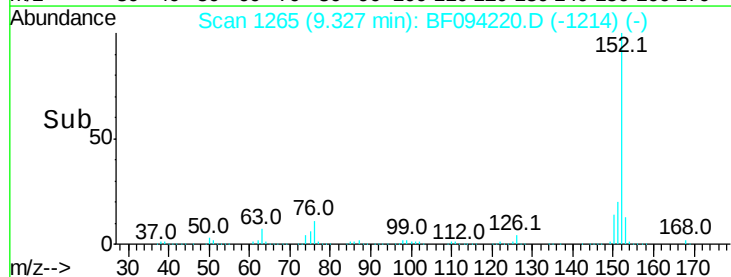
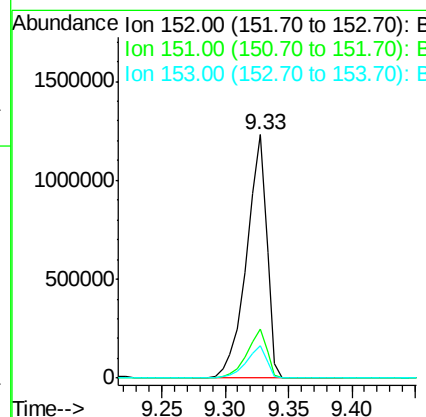
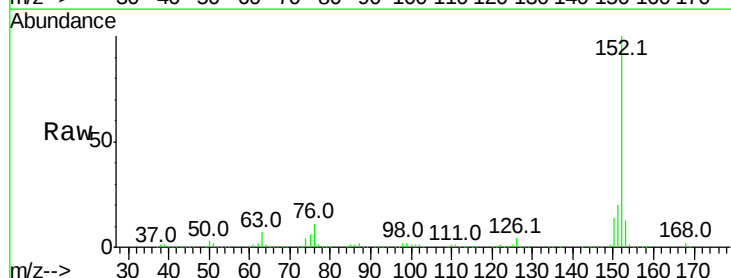
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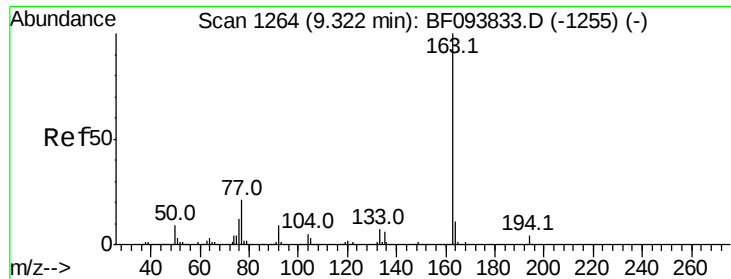
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#48
Acenaphthylene
Concen: 41.23 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.2	10.8	16.2





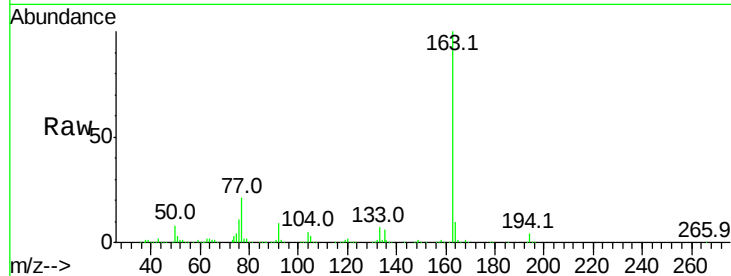
#49
 Dimethylphthalate
 Concen: 46.21 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

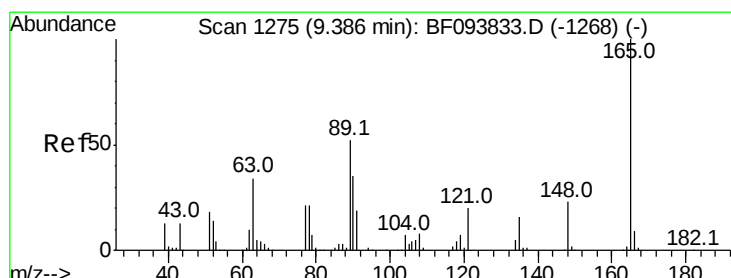
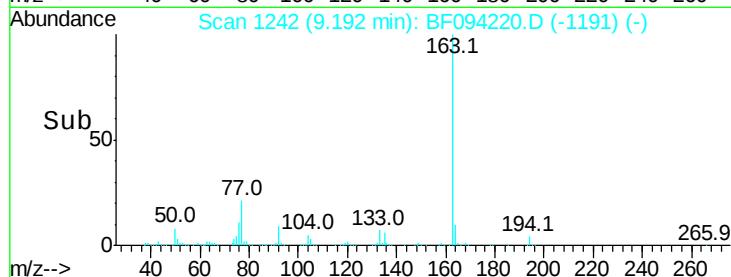
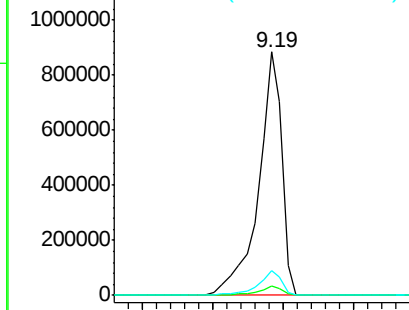
Tot Ion:	163	Resp:	1027795
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.2	8.4	12.6

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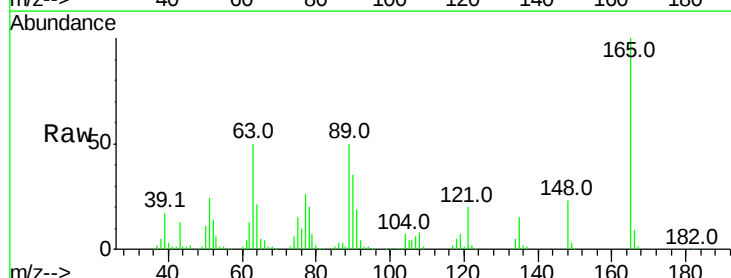


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

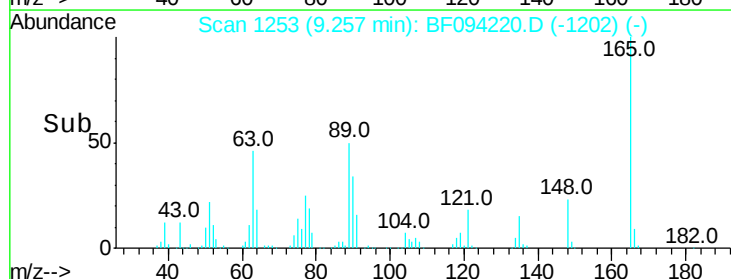
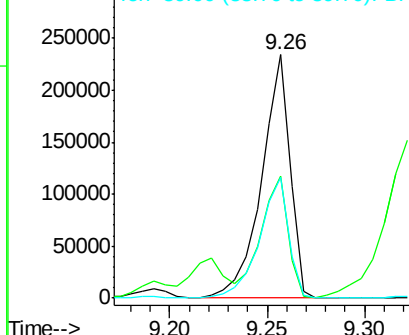


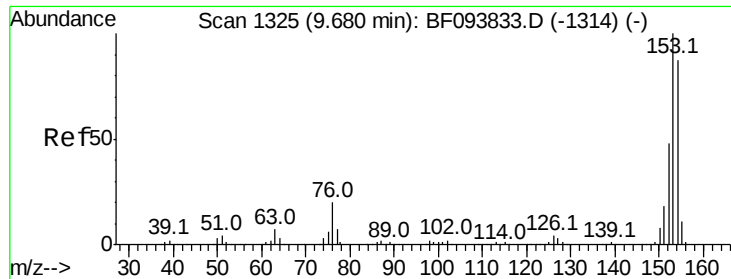
#50
 2,6-Dinitrotoluene
 Concen: 46.44 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion:	165	Resp:	236798
Ion	Ratio	Lower	Upper
165	100		
63	49.9	34.3	51.5
89	49.7	37.1	55.7



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





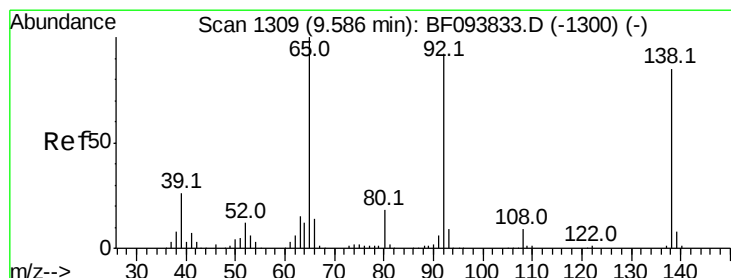
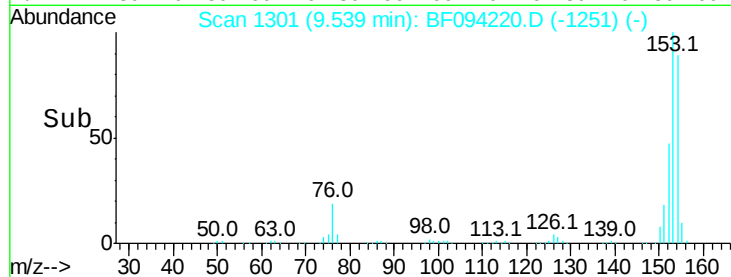
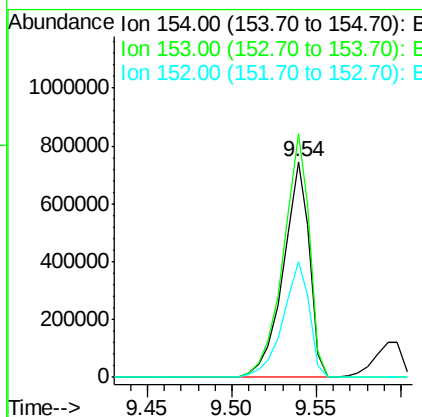
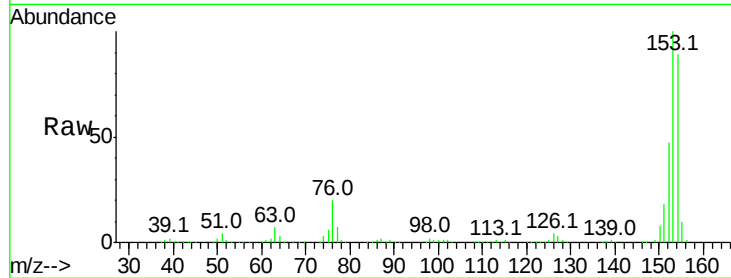
#51
Acenaphthene
Concen: 42.16 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	53.4	43.6	65.4

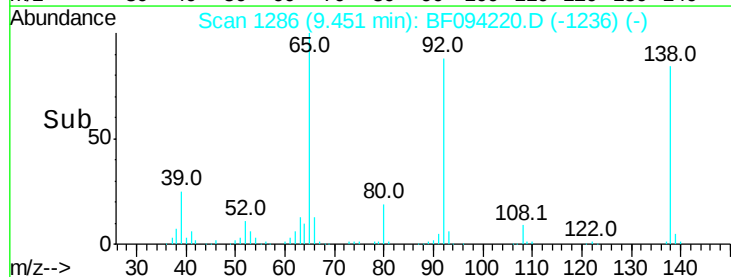
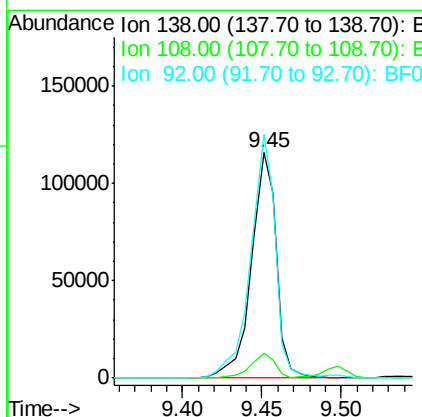
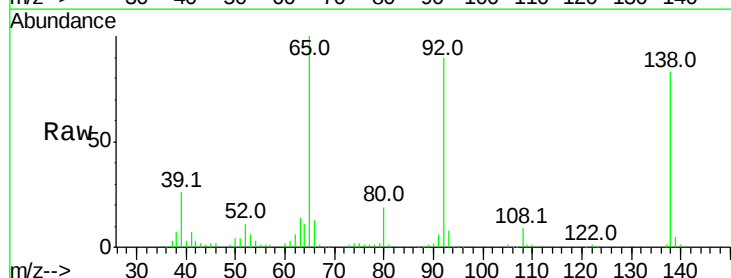
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#52
3-Nitroaniline
Concen: 21.09 ng
RT: 9.45 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	107.9	93.8	140.6





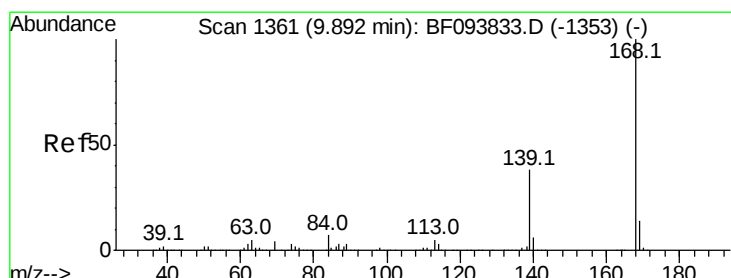
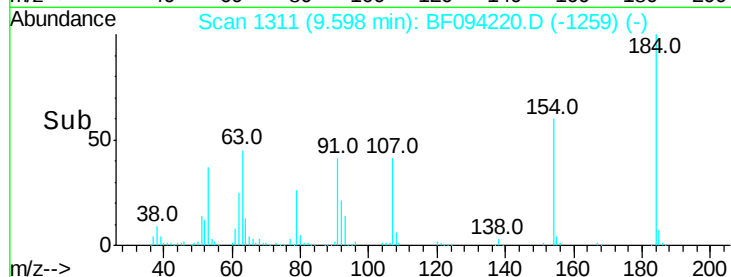
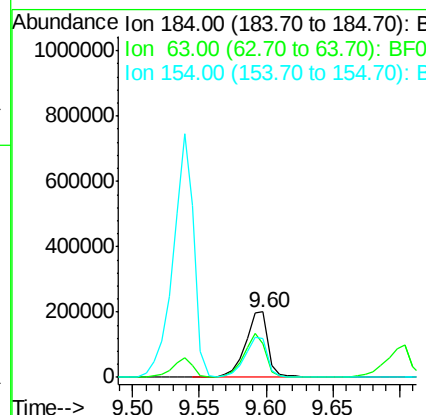
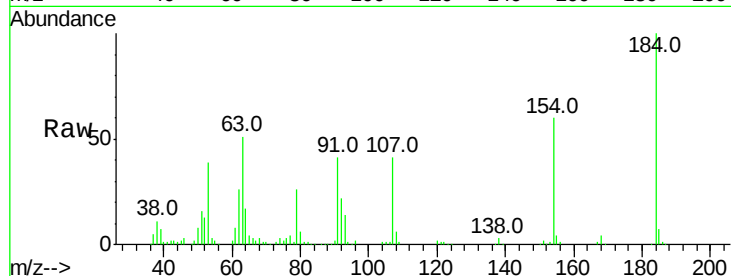
#53
 2,4-Dinitrophenol
 Concen: 86.03 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	51.2	62.7	94.1#	
154	59.9	81.1	121.7#	

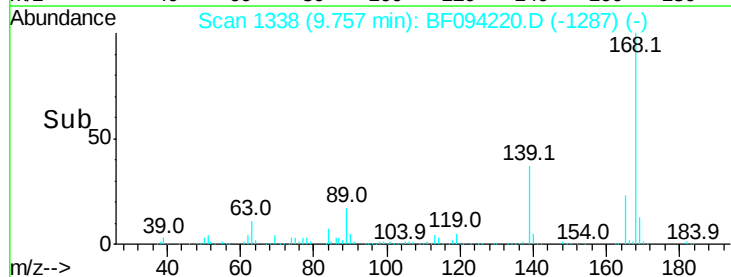
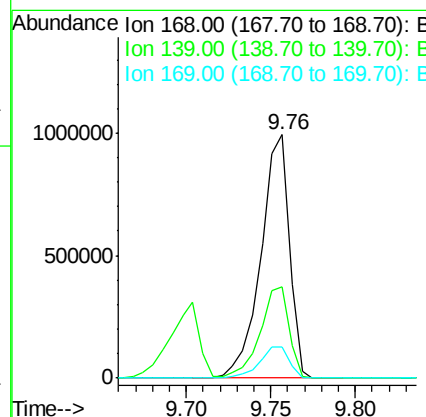
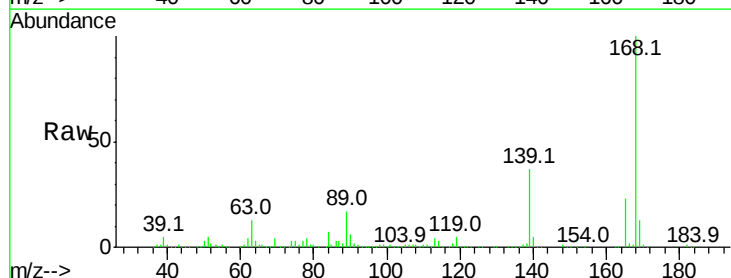
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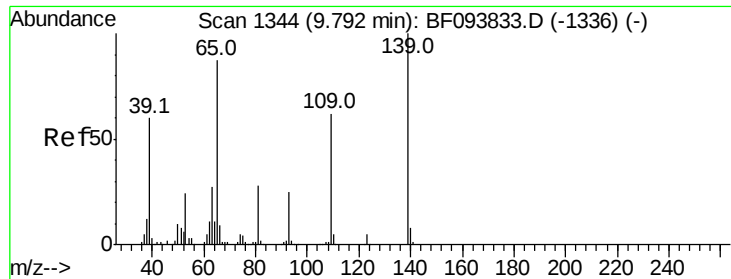
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#54
 Dibenzofuran
 Concen: 44.72 ng
 RT: 9.76 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.4	30.6	45.8	
169	13.0	10.8	16.2	





#55

4-Nitrophenol

Concen: 80.73 ng

RT: 9.70 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

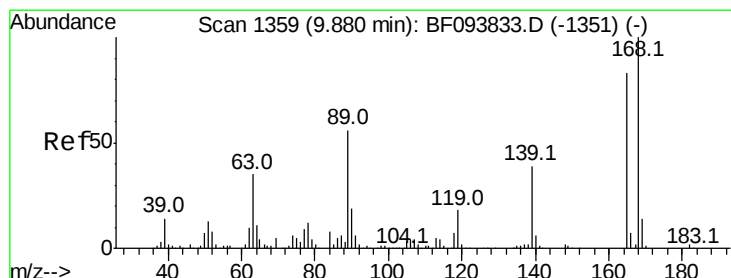
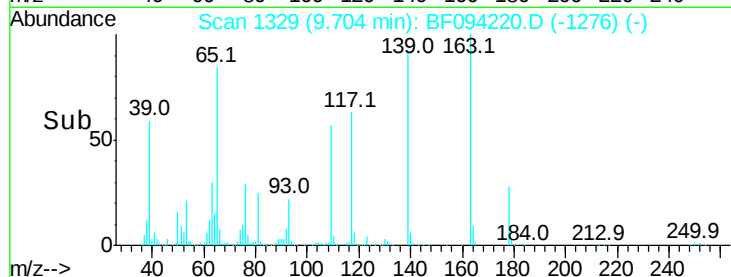
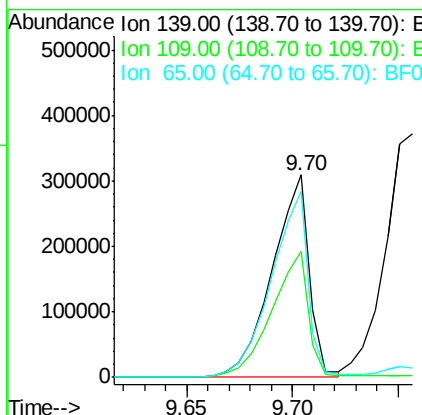
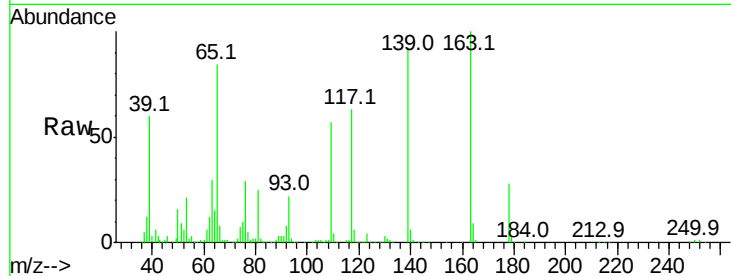
ClientSampleId :

PB98067BS

Tot Ion:	139	Resp:	378541
Ion Ratio	Lower	Upper	
139	100		
109	62.0	34.1	74.1
65	92.0	31.4	71.4#

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#56

2,4-Dinitrotoluene

Concen: 44.94 ng

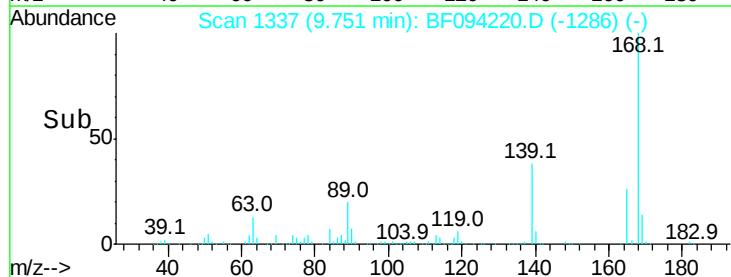
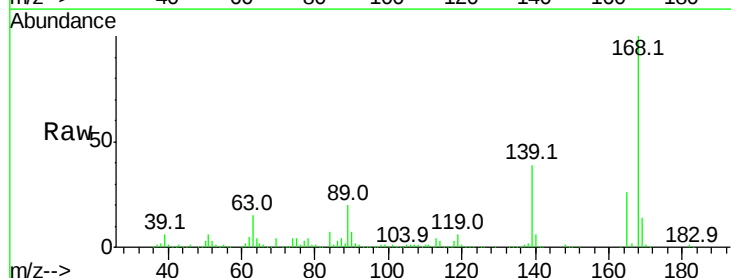
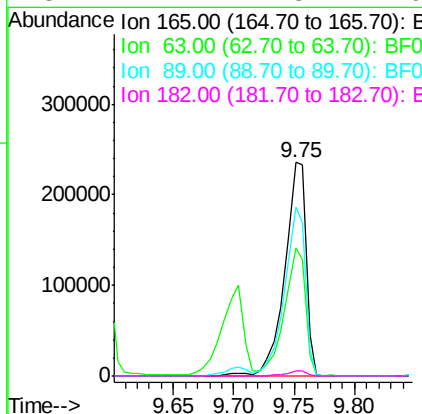
RT: 9.75 min Scan# 1337

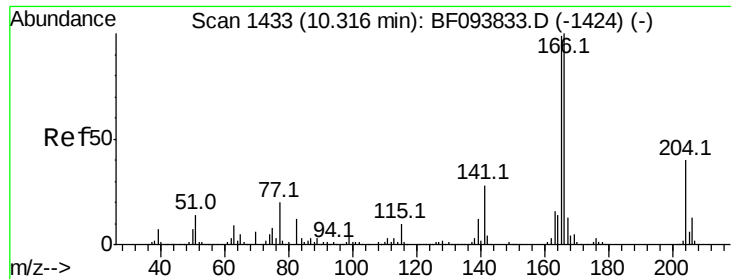
Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tgt Ion:	165	Resp:	287850
Ion Ratio	Lower	Upper	
165	100		
63	60.2	25.4	38.0#
89	79.4	46.4	69.6#
182	2.4	1.8	2.6





#57

Fluorene

Concen: 42.02 ng

RT: 10.17 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

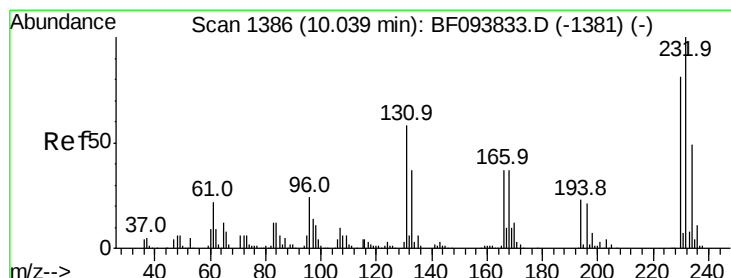
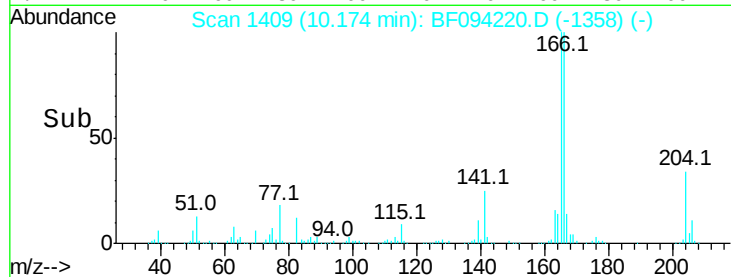
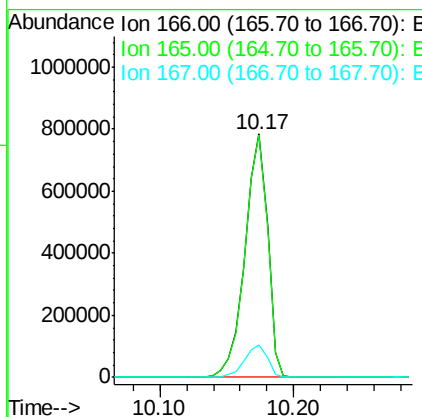
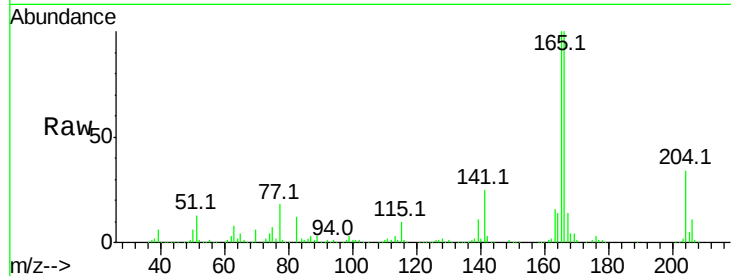
ClientSampled :

PB98067BS

Tot Ion:	166	Resp:	908903
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.8	118.2
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.87 ng

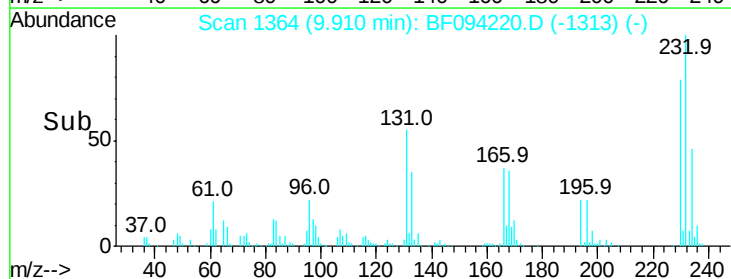
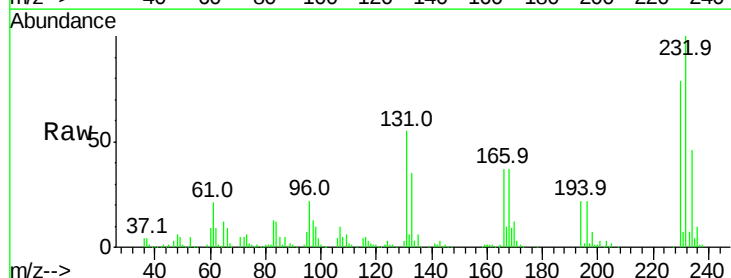
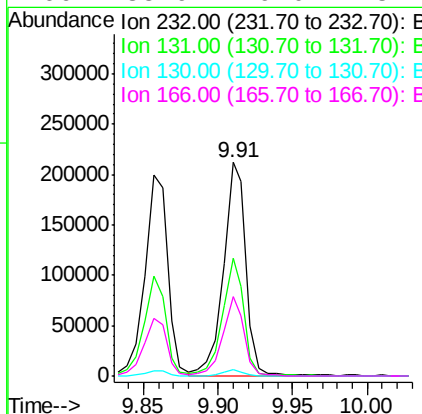
RT: 9.91 min Scan# 1364

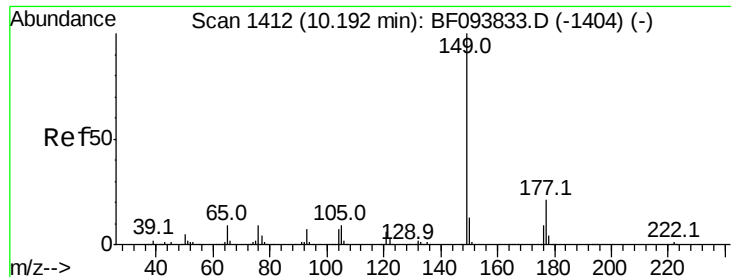
Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tgt Ion:	232	Resp:	224247
Ion Ratio	Lower	Upper	
232	100		
131	52.8	44.8	67.2
130	2.6	2.3	3.5
166	35.9	29.0	43.4





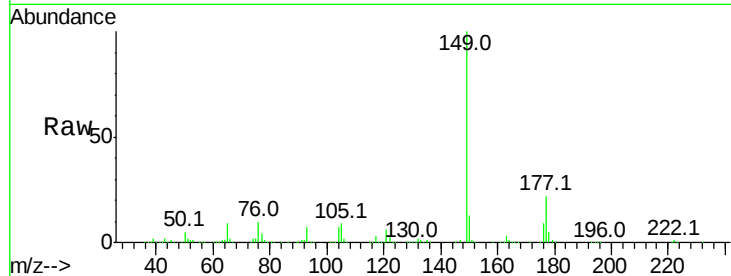
#59
Diethylphthalate
Concen: 45.42 ng
RT: 10.06 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

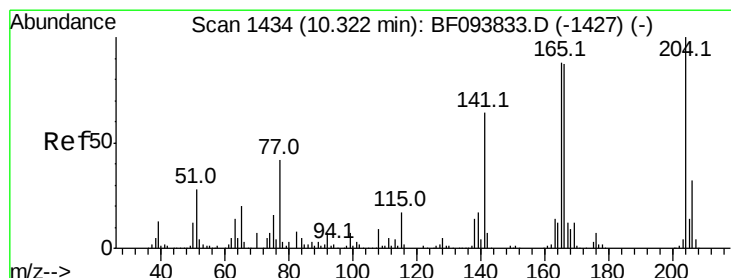
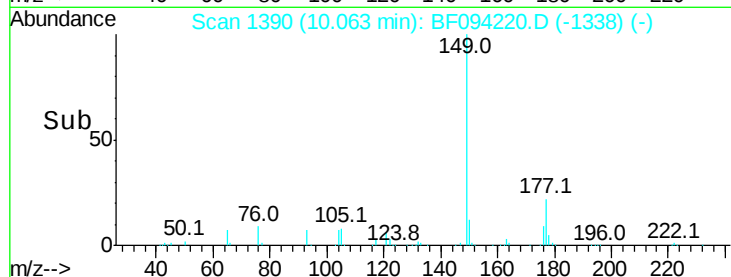
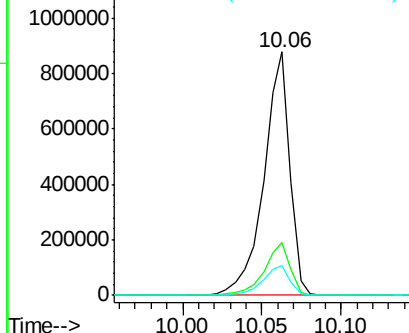
Tot Ion	Ratio	Resp	Lower	Upper
149	100	998589		
177	21.6	16.7	25.1	
150	12.5	10.2	15.2	

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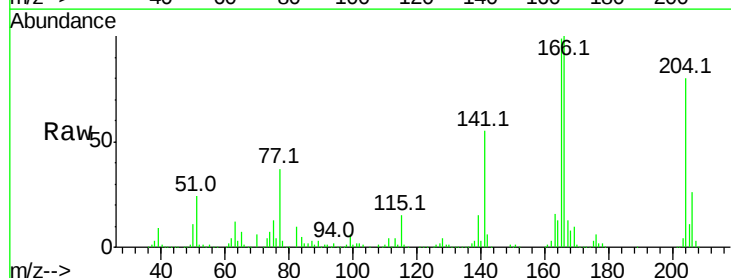


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

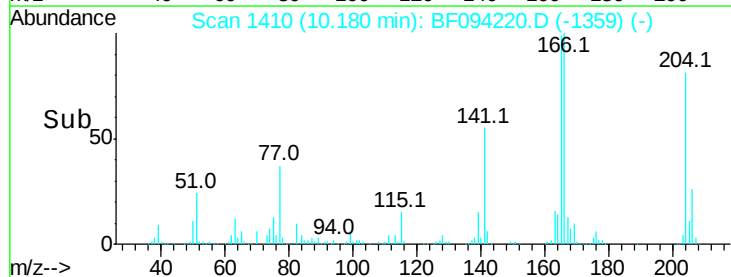
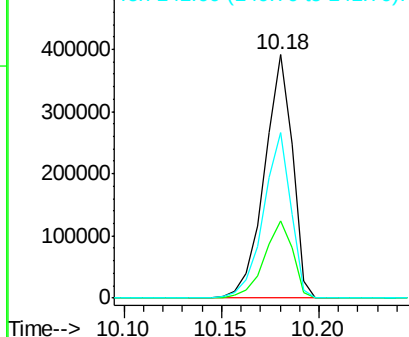


#60
4-Chlorophenyl-phenylether
Concen: 42.31 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	389901		
206	32.0	26.2	39.2	
141	68.0	60.8	91.2	



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





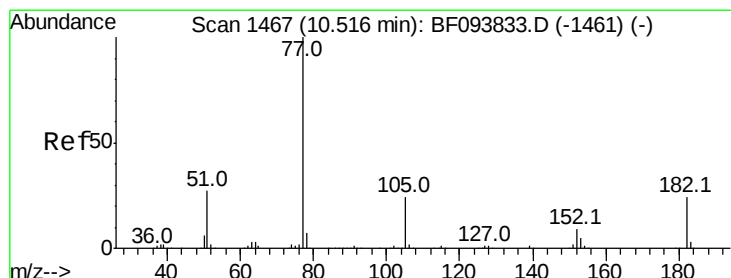
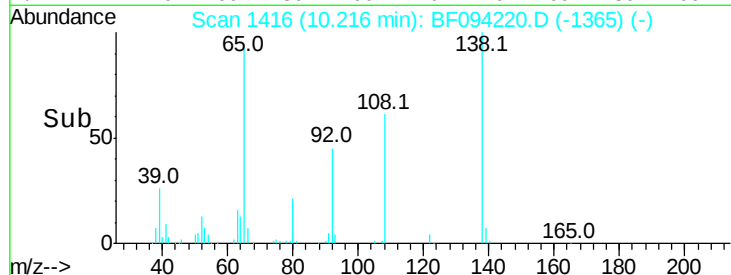
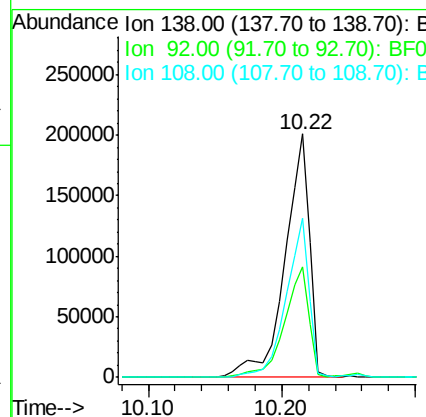
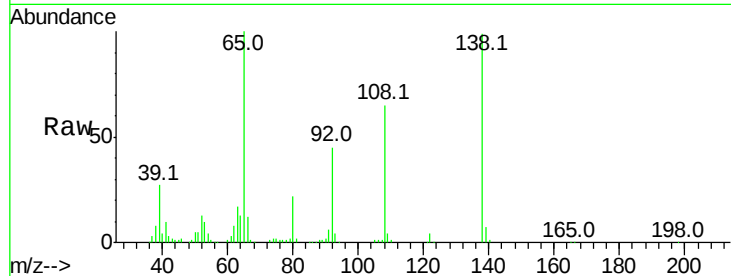
#61
4-Nitroaniline
Concen: 45.27 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampled :
PB98067BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.4	21.8	61.8
108	65.1	42.3	82.3

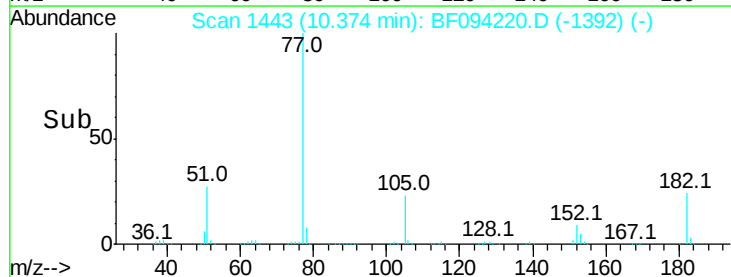
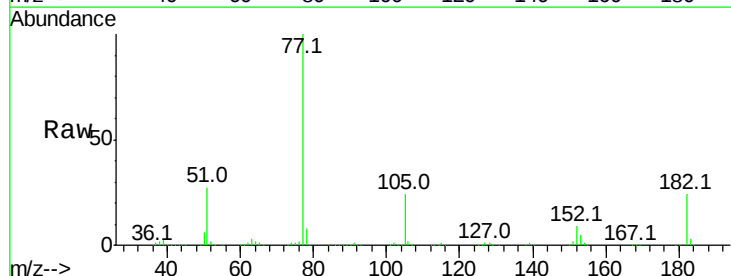
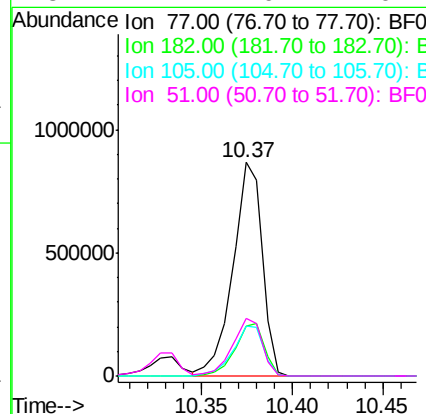
Manual Integrations
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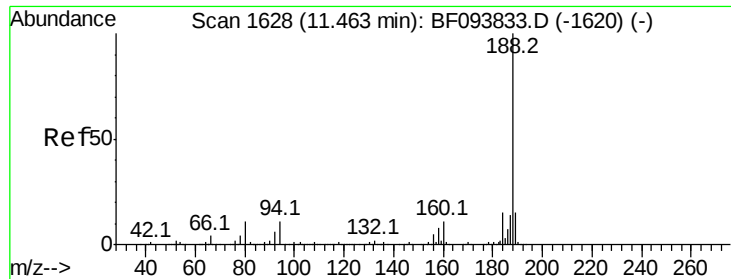
mohammad
4/7/2017 5:20:32 PM



#62
Azobenzene
Concen: 46.84 ng
RT: 10.37 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	0.1	40.1
105	23.5	3.6	43.6
51	27.1	9.4	49.4





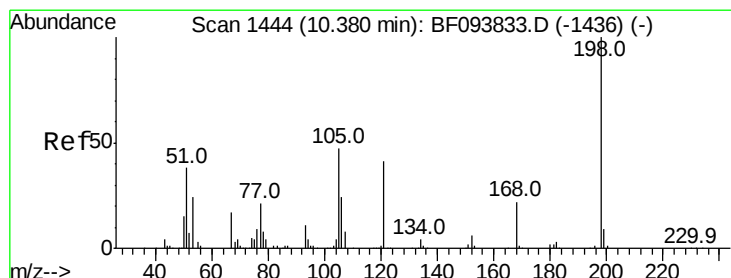
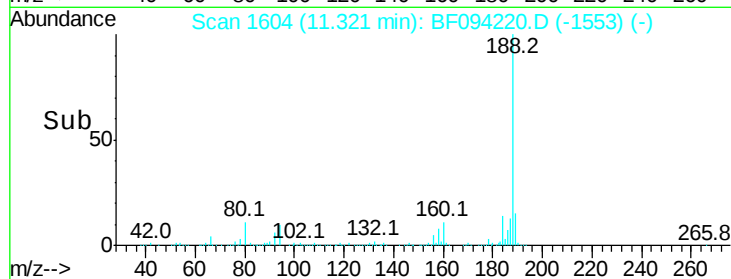
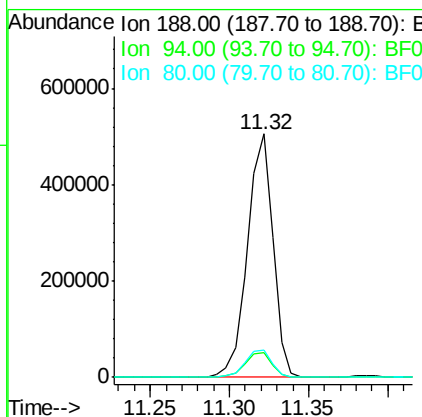
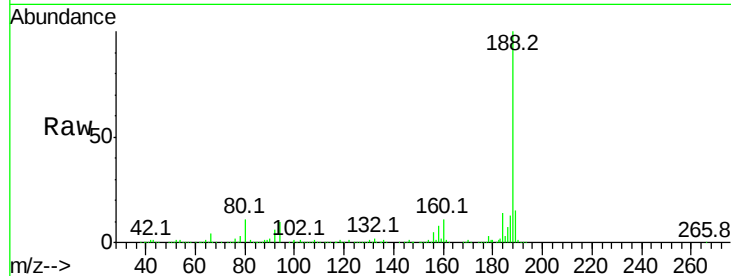
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	565695		
94	10.1		9.4	14.2
80	11.3		10.2	15.2

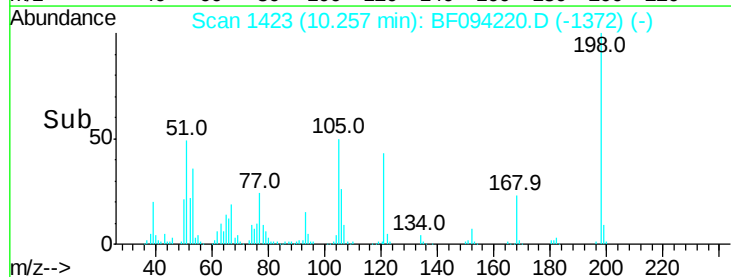
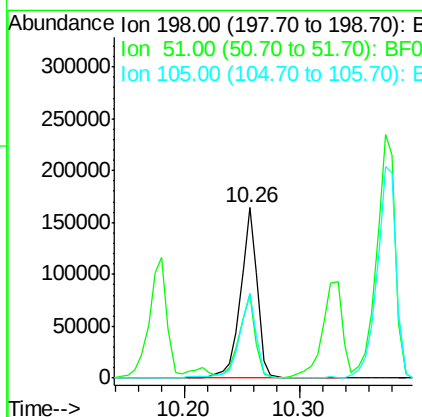
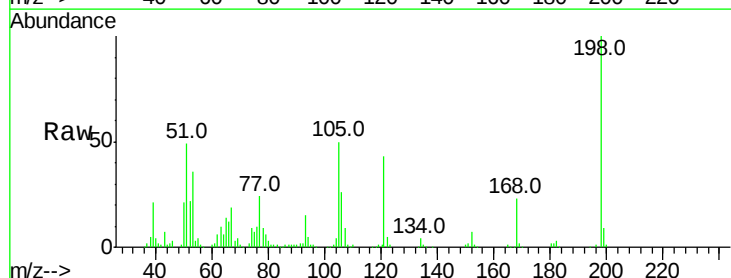
Manual Integrations
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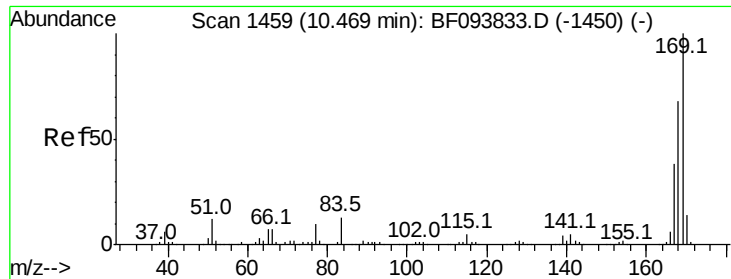
mohammad
4/7/2017 5:20:32 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.49 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	164537		
51	49.1		53.2	93.2#
105	49.8		45.8	85.8





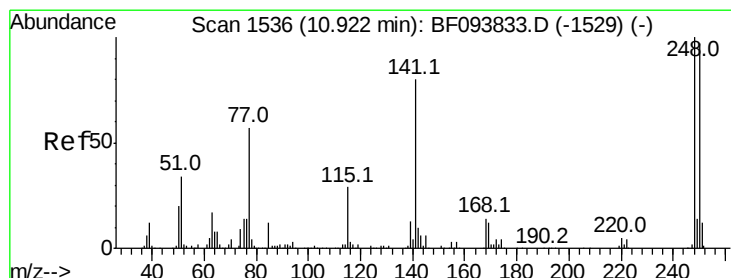
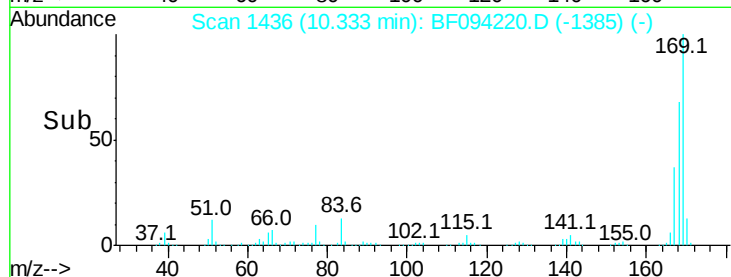
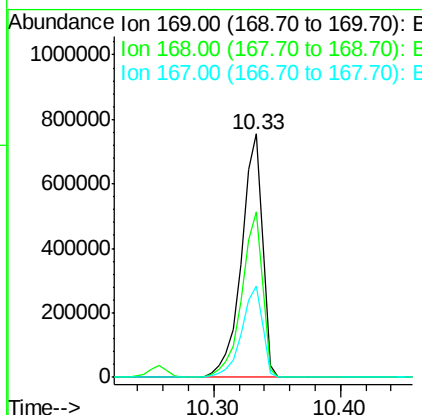
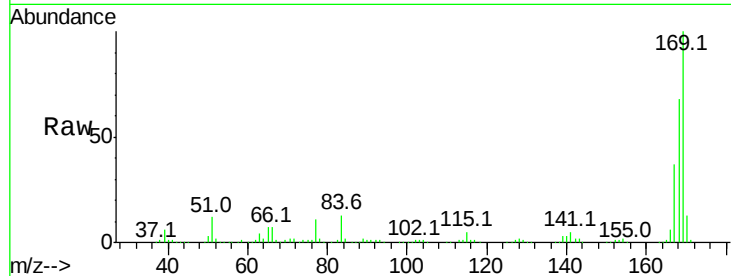
#65
n-Nitrosodiphenylamine
Concen: 43.98 ng
RT: 10.33 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	860315		
168	67.8	53.2	79.8	
167	37.4	29.5	44.3	

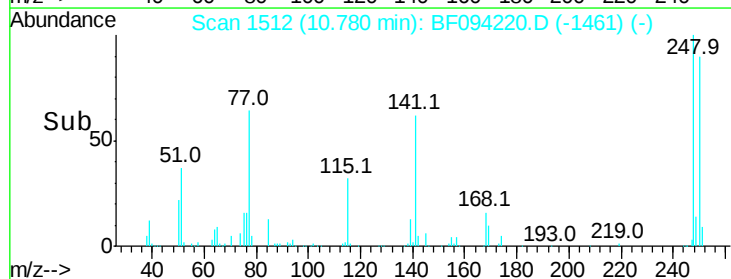
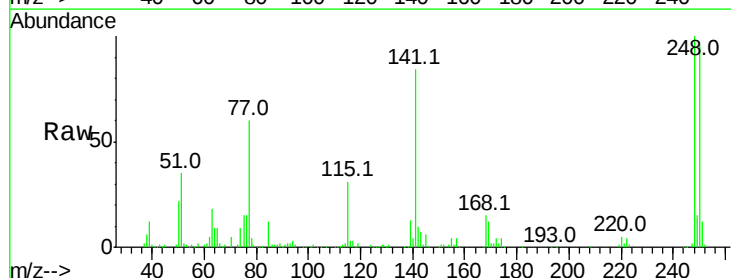
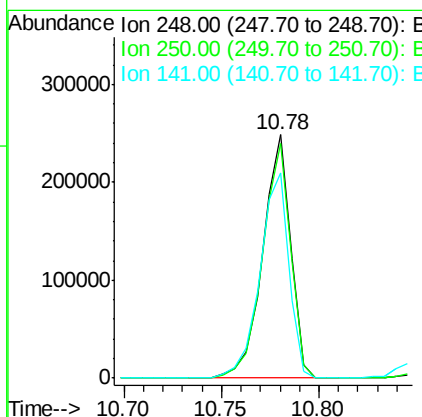
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#66
4-Bromophenyl-phenylether
Concen: 44.18 ng
RT: 10.78 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	245812		
250	96.4	76.8	115.2	
141	84.4	68.6	103.0	





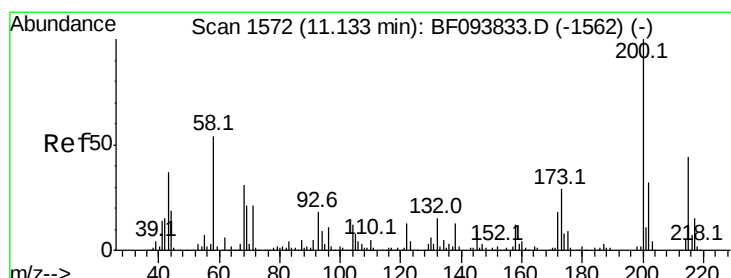
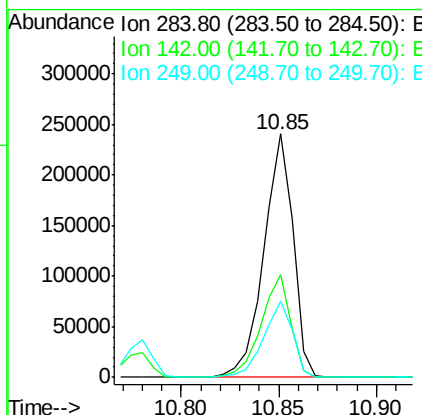
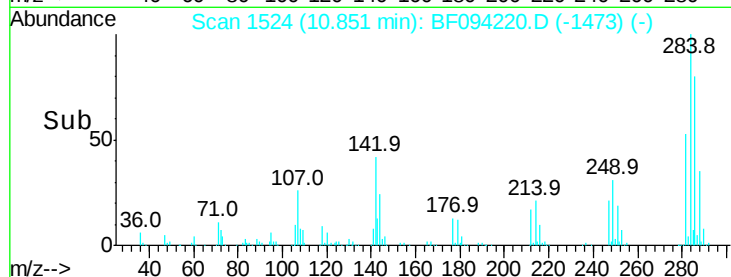
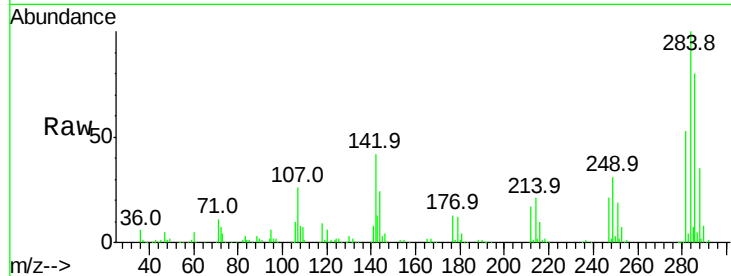
#67
Hexachlorobenzene
Concen: 44.25 ng
RT: 10.85 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	249215		
142	42.1	22.8	34.2#	
249	31.2	24.0	36.0	

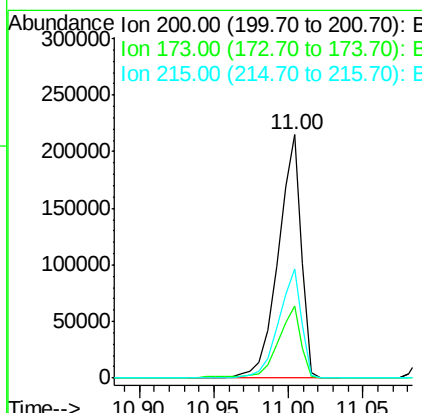
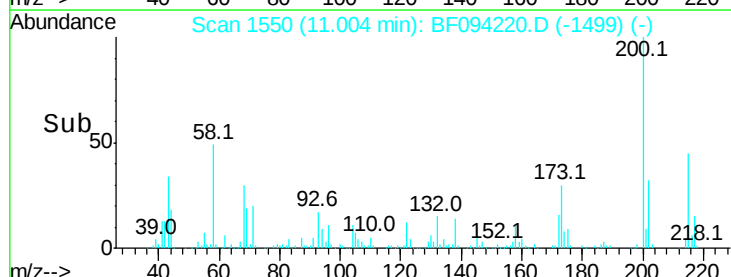
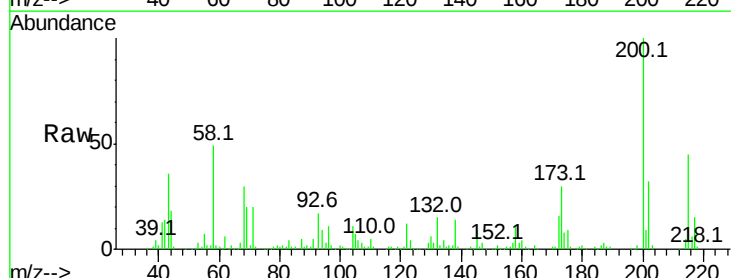
Manual Integrations
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#68
Atrazine
Concen: 39.62 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	232149		
173	29.8	6.3	46.3	
215	44.8	27.2	67.2	





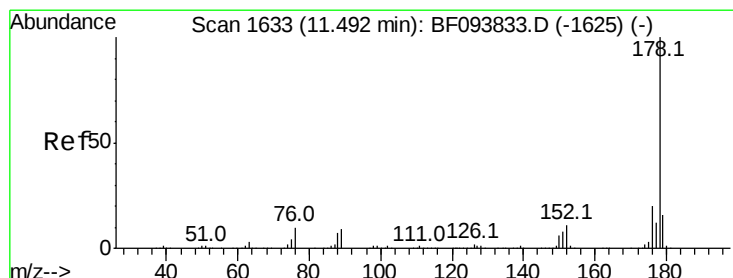
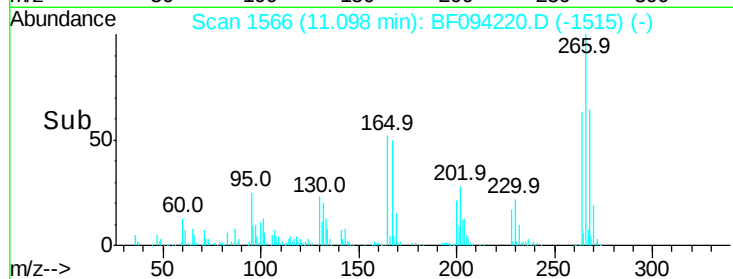
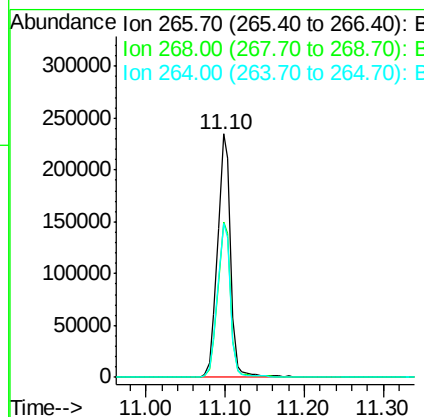
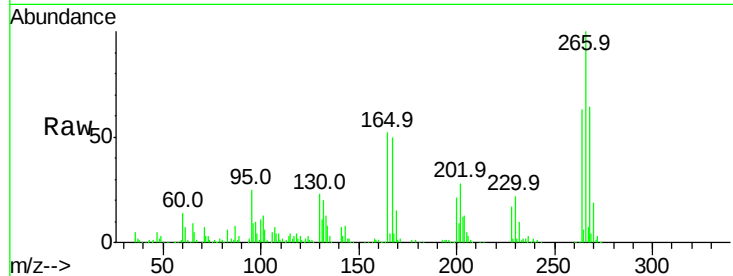
#69
 Pentachlorophenol
 Concen: 77.08 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	270204		
268	63.7	51.1	76.7	
264	63.5	51.7	77.5	

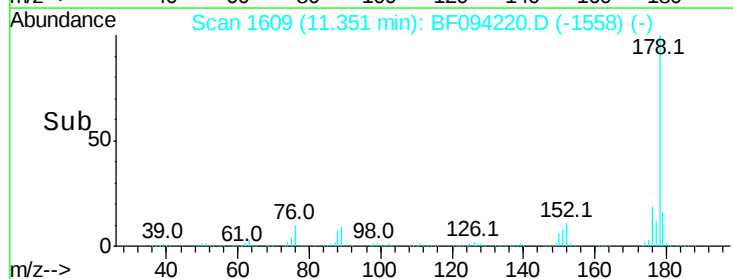
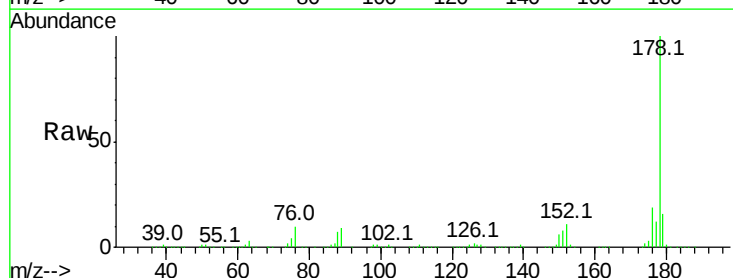
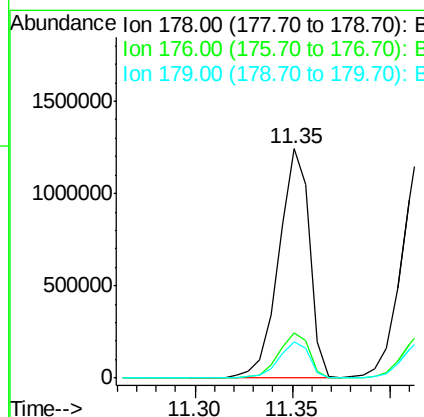
Manual Integrations
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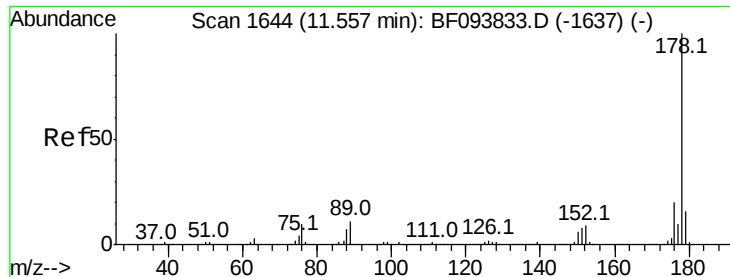
mohammad
 4/7/2017 5:20:32 PM



#70
 Phenanthrene
 Concen: 43.06 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1355107		
176	19.5	16.2	24.4	
179	15.7	12.6	19.0	





#71
 Anthracene
 Concen: 43.13 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

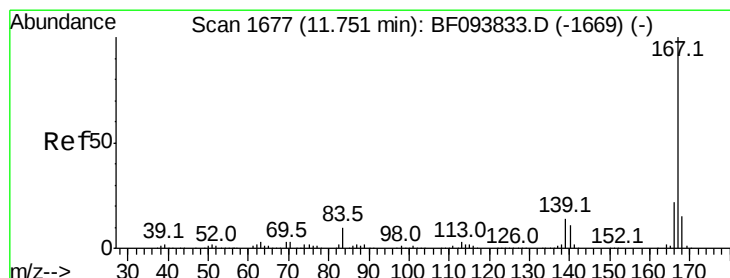
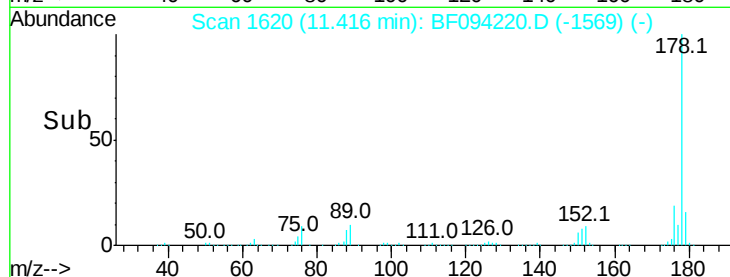
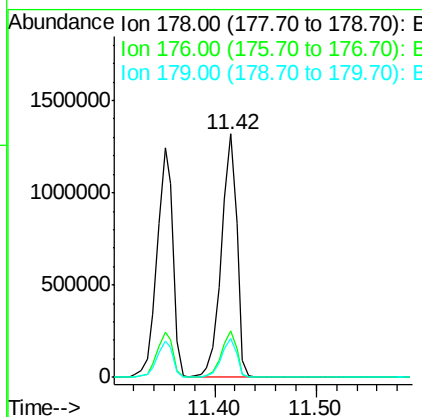
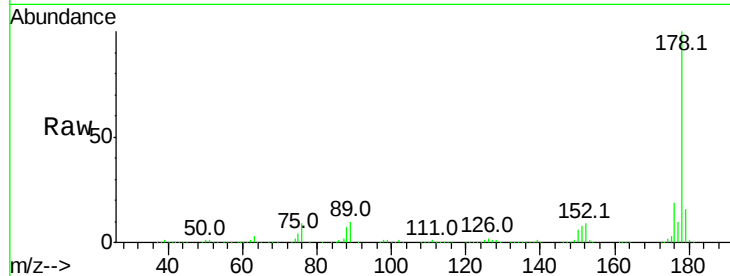
Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion:178 Resp: 1397534

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.9	12.7	19.1

Manual Integrations
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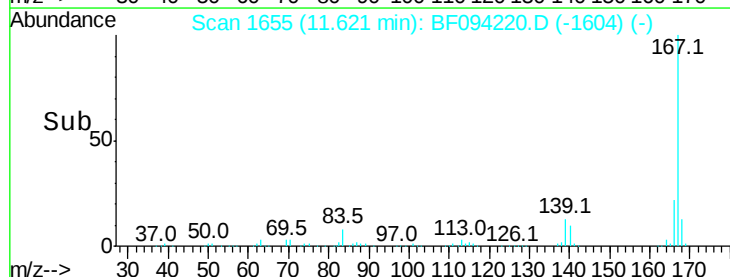
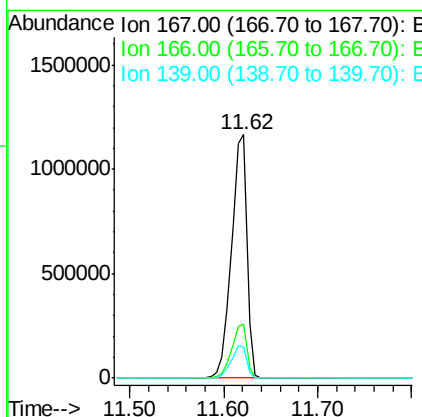
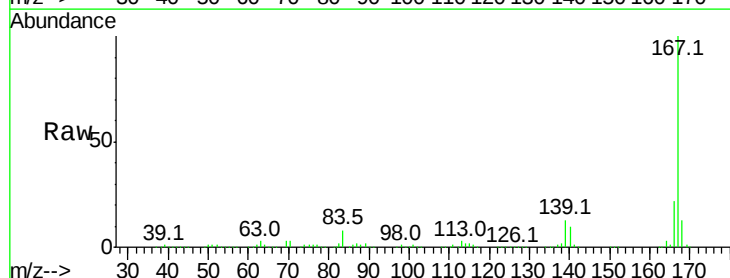
mohammad
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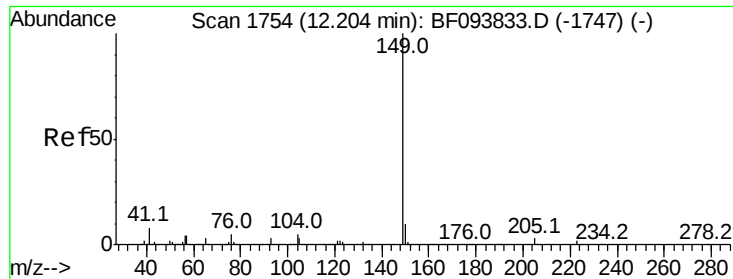


#72
 Carbazole
 Concen: 40.23 ng
 RT: 11.62 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion:167 Resp: 1336538

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	12.9	11.7	17.5





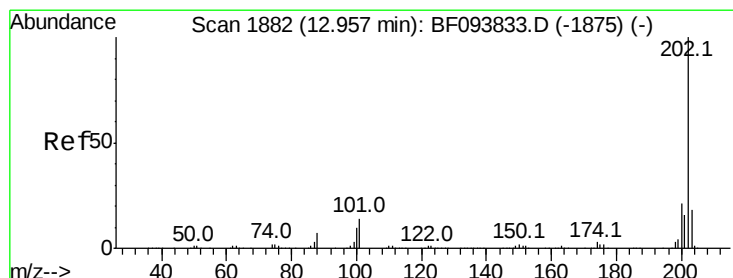
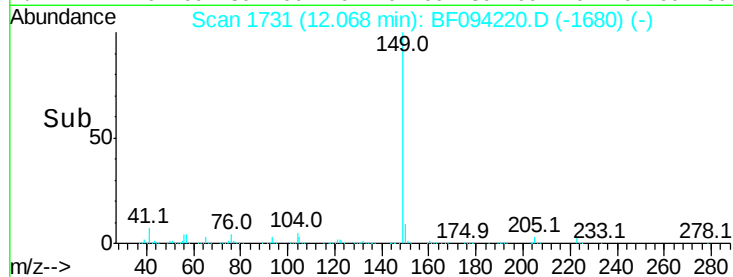
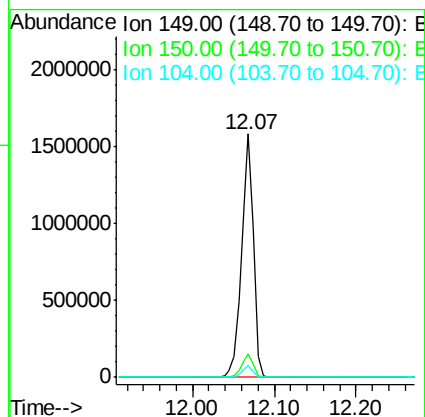
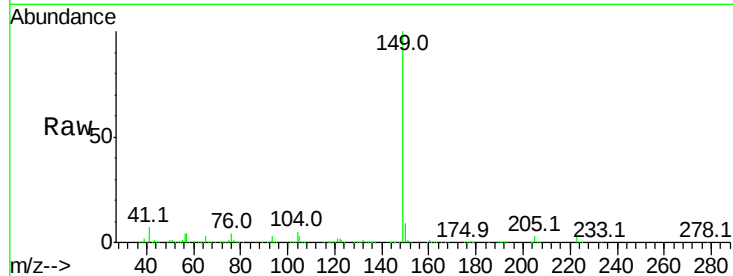
#73
Di-n-butylphthalate
Concen: 46.45 ng
RT: 12.07 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.8	4.0	6.0

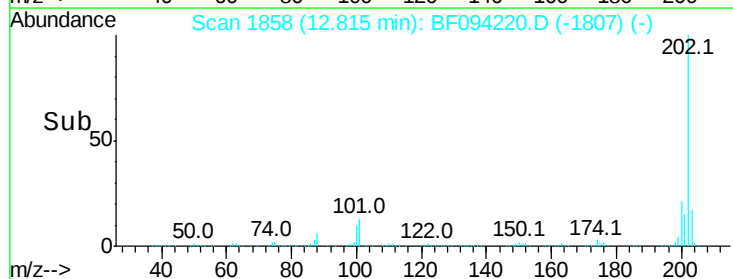
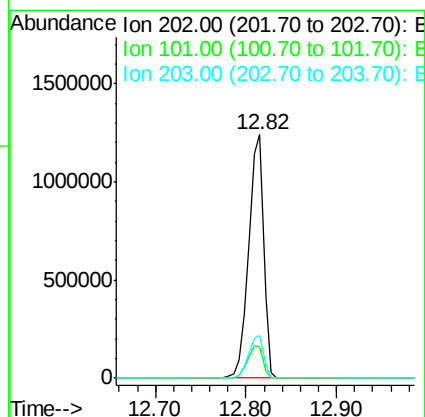
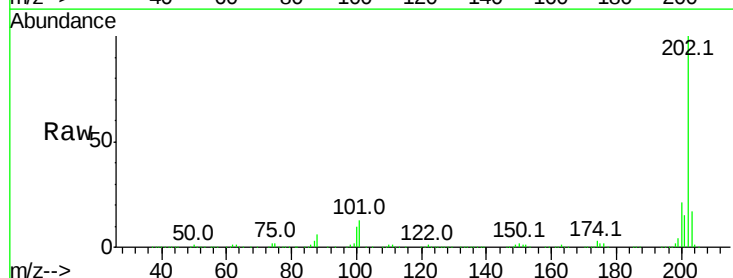
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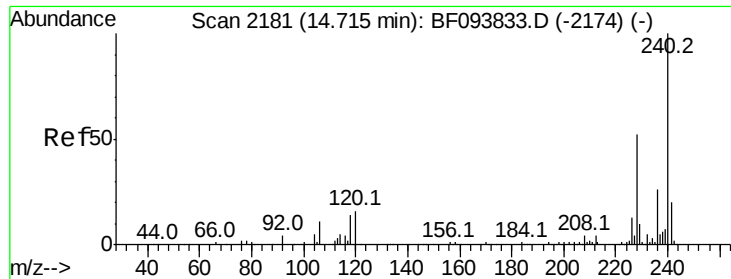
mohammad
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#74
Fluoranthene
Concen: 43.88 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.4	0.0	38.1





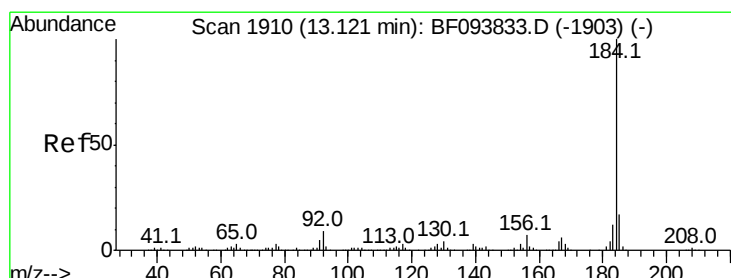
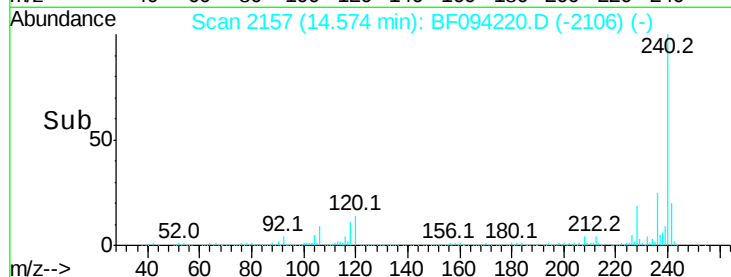
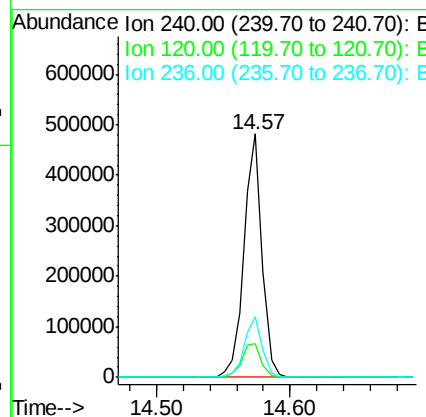
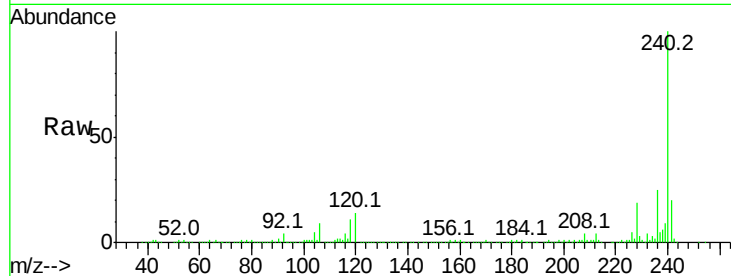
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	24.9	20.5	30.7

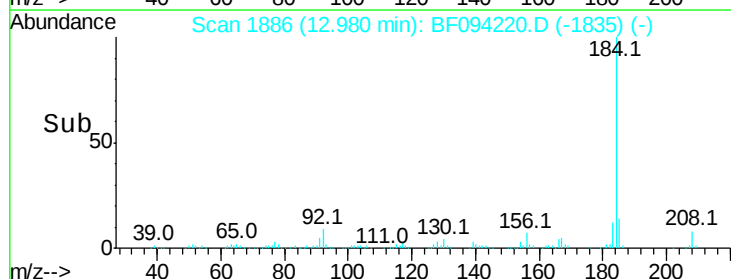
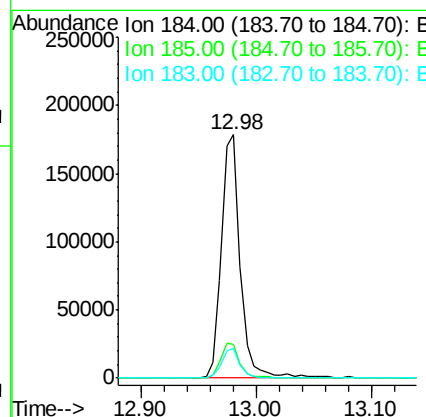
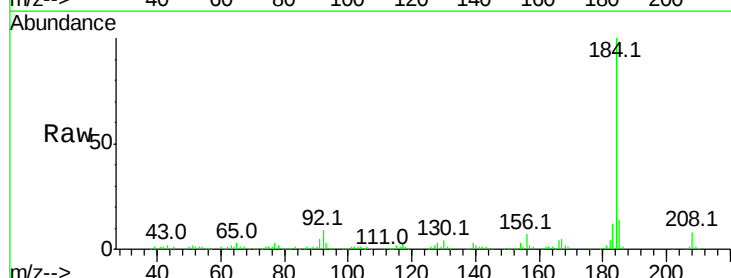
Manual Integrations
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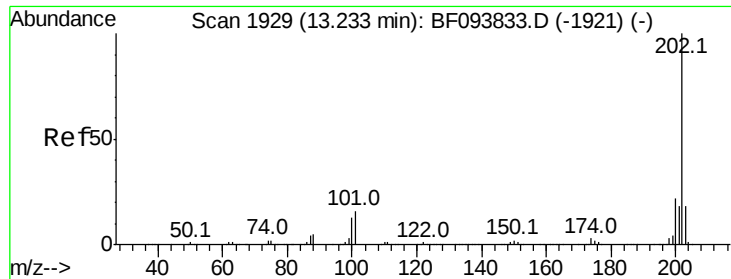
mohammad
4/7/2017 5:20:32 PM



#76
Benzidine
Concen: 11.36 ng
RT: 12.98 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	15.5	23.3#
183	12.3	9.8	14.6





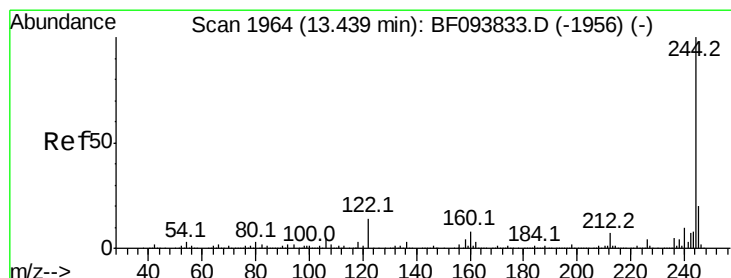
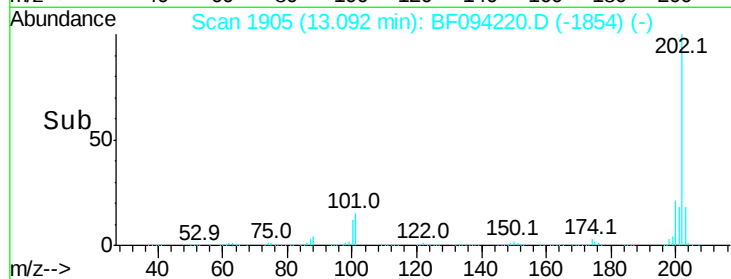
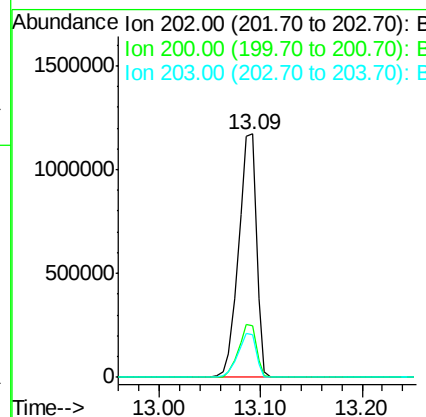
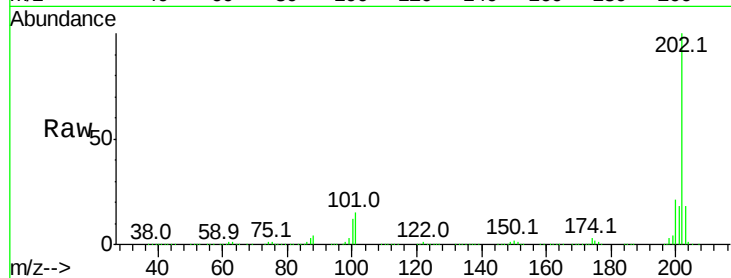
#77
Pvrene
Concen: 43.79 ng
RT: 13.09 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.8	14.4	21.6

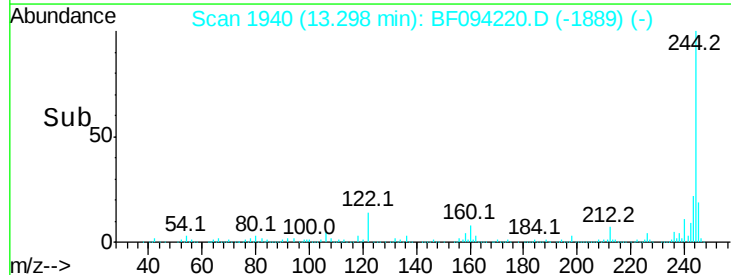
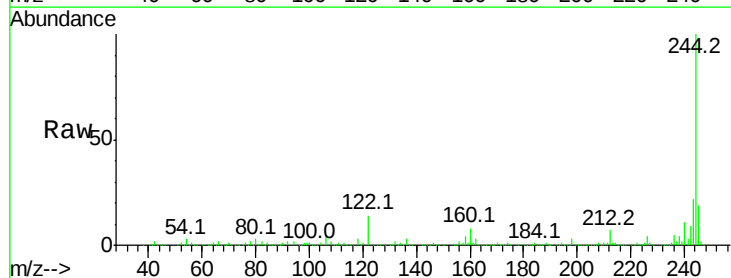
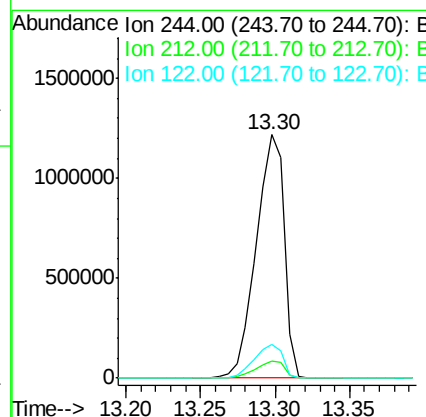
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#78
Terphenyl-d14
Concen: 77.84 ng
RT: 13.30 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.9	10.3	15.5





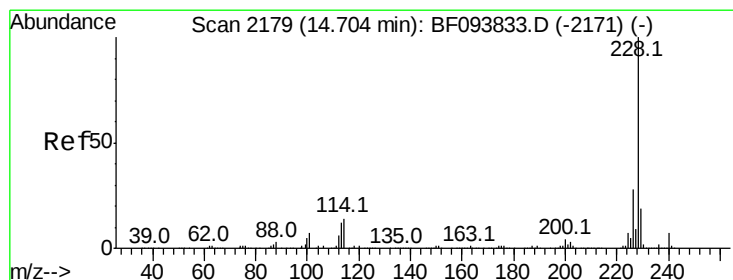
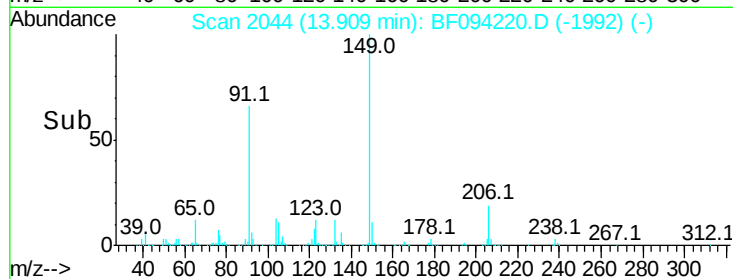
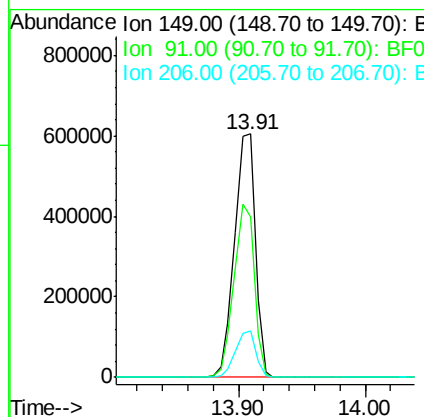
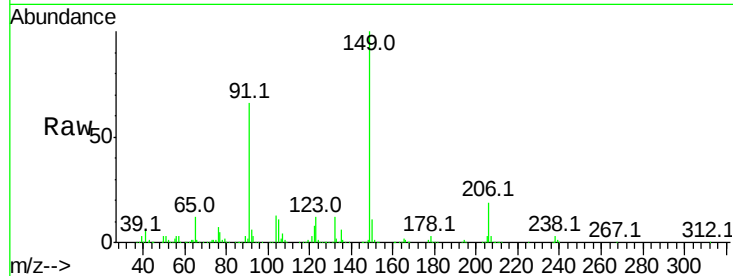
#79
Butylbenzylphthalate
Concen: 49.11 ng
RT: 13.91 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	45.0	67.4
206	19.4	17.0	25.6

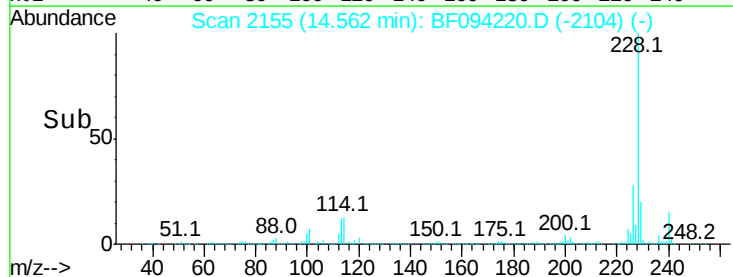
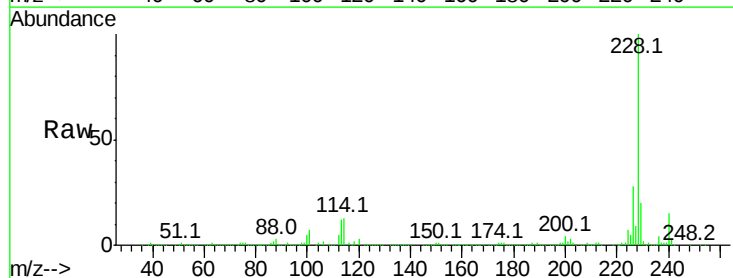
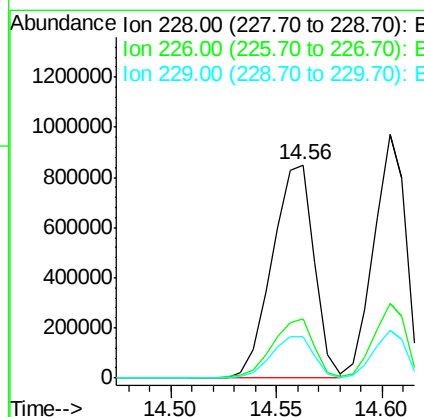
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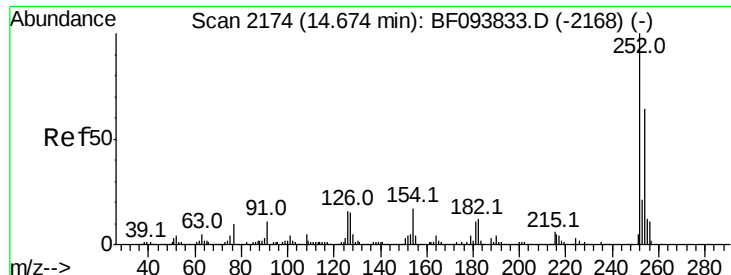
mohammad
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#80
Benzo(a)anthracene
Concen: 44.67 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	16.3	24.5





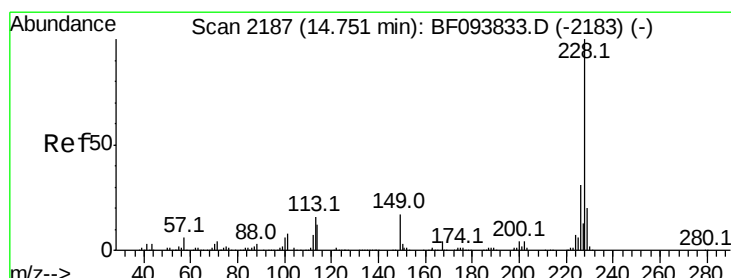
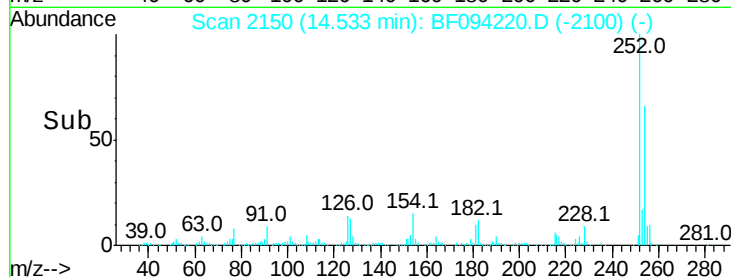
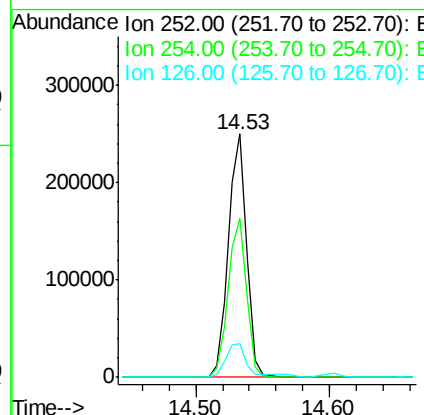
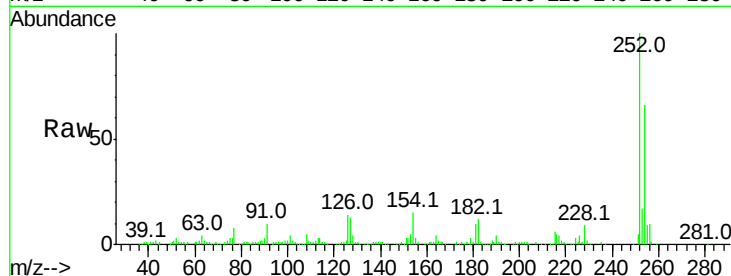
#81
 3,3'-Dichlorobenzidine
 Concen: 25.77 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	242633		
254	65.5	51.5	77.3	
126	14.0	15.8	23.8	

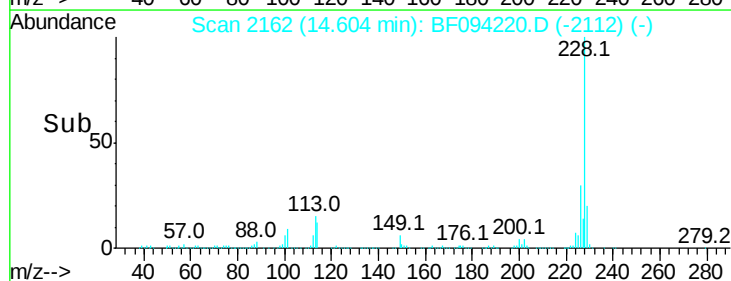
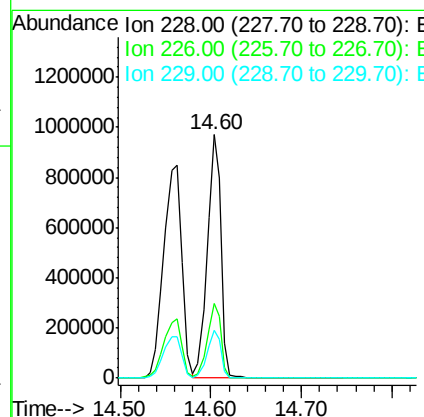
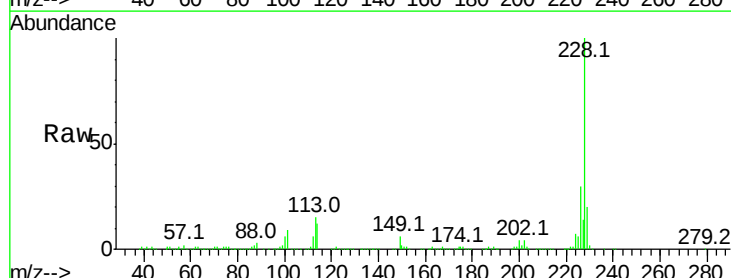
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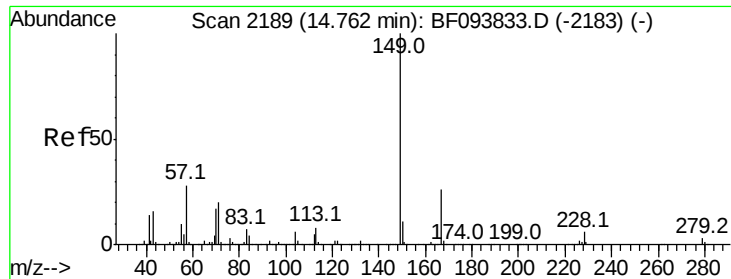
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#82
 Chrysene
 Concen: 42.18 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1031351		
226	30.5	24.9	37.3	
229	19.6	15.8	23.6	





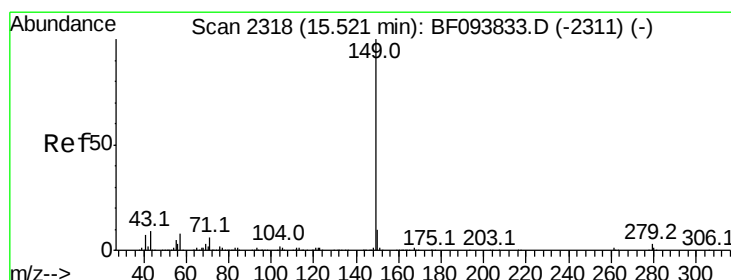
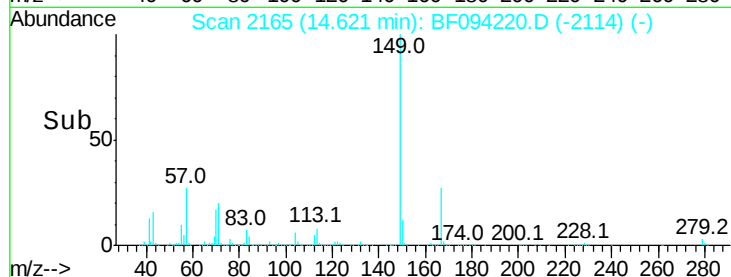
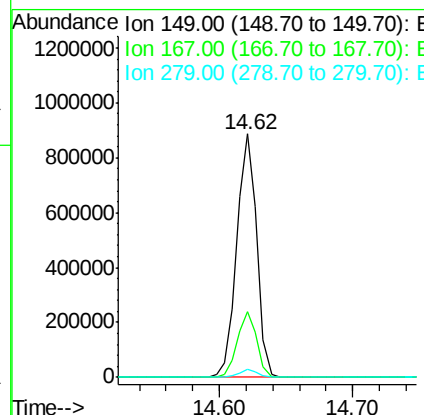
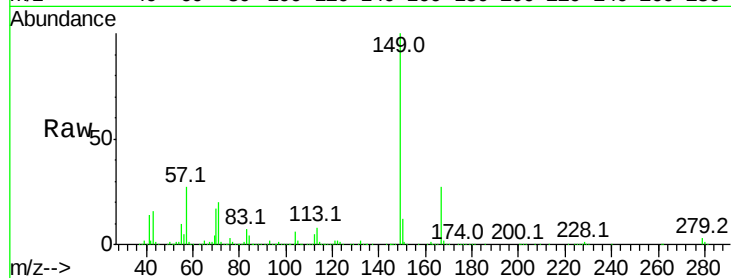
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.93 ng
 RT: 14.62 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.9	21.0	31.4	
279	3.1	1.9	2.9	

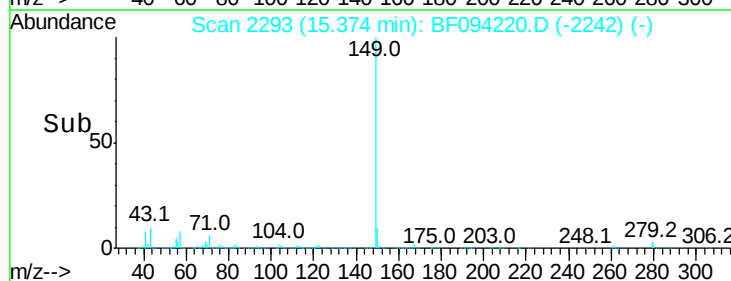
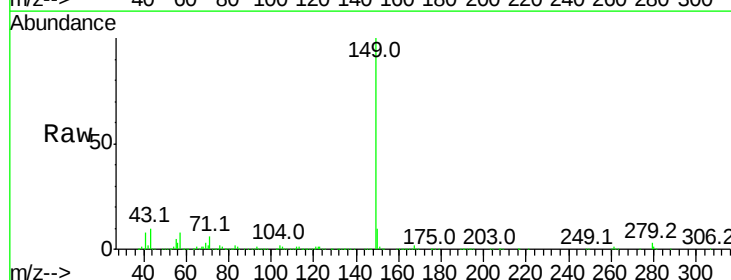
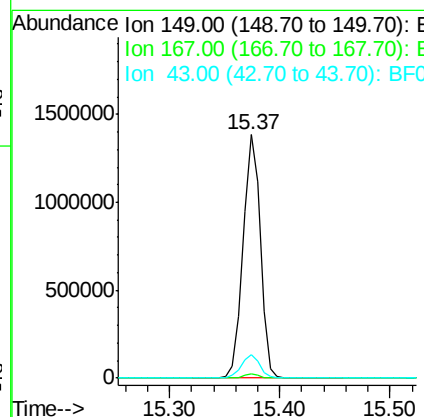
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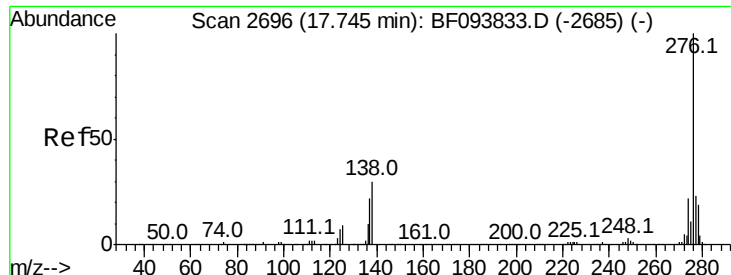
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#84
 Di-n-octyl phthalate
 Concen: 48.10 ng
 RT: 15.37 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	9.4	8.5	12.7	





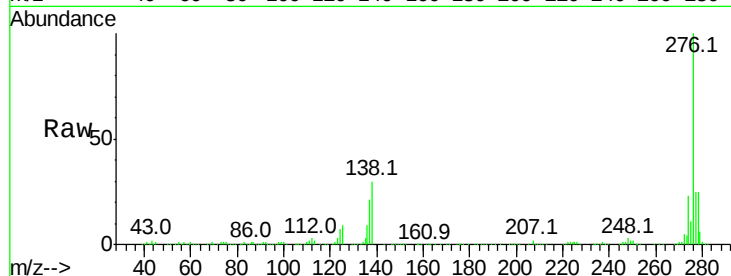
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.50 ng
 RT: 17.52 min Scan# 2657
 Delta R.T. -0.01 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

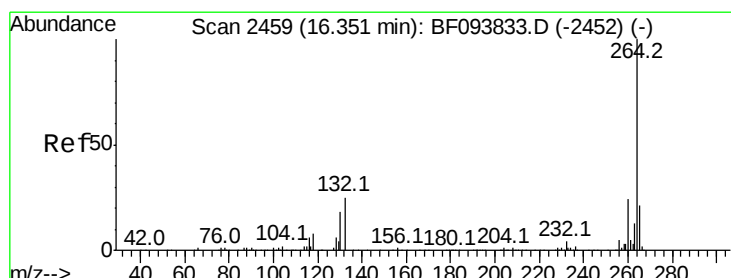
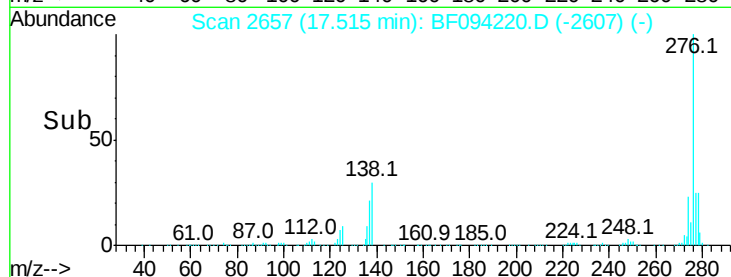
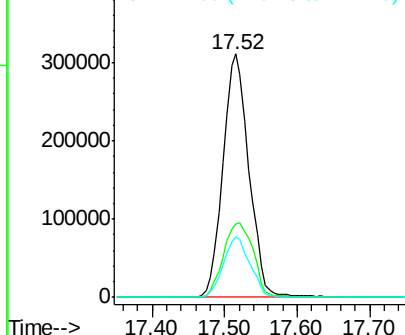
Tot Ion	Ratio	Resp	Lower	Upper
276	100	772785		
138	35.1		27.8	41.6
277	25.8		20.2	30.4

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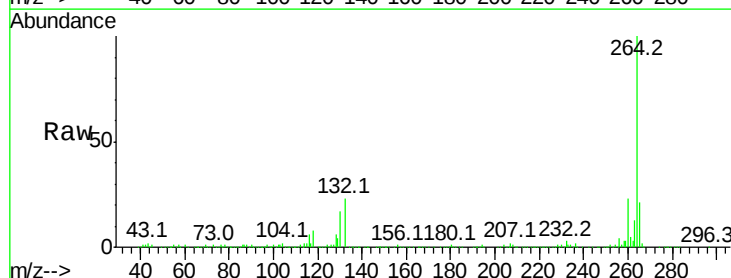


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

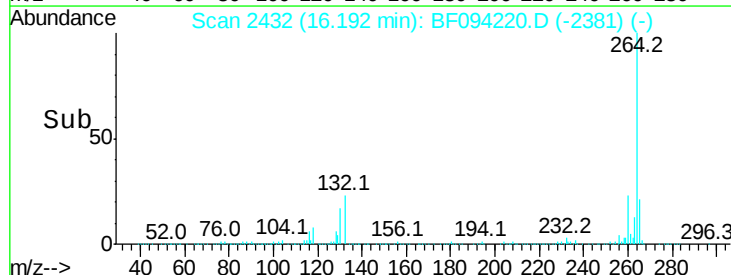
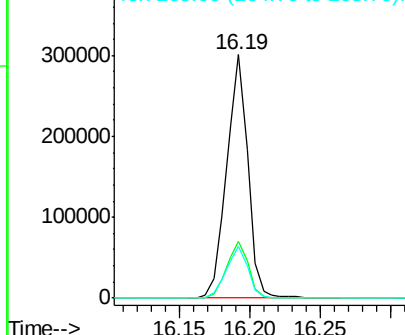


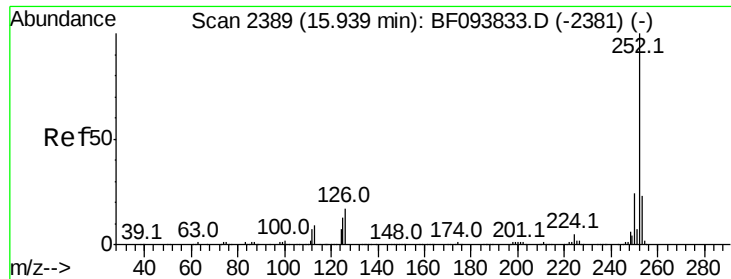
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	314075		
260	23.2		19.5	29.3
265	21.0		17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.41 ng

RT: 15.79 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Instrument :

BNA_F

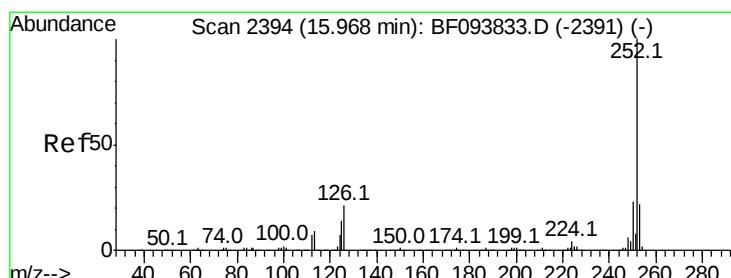
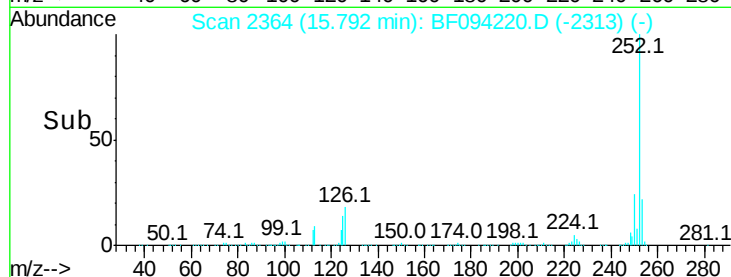
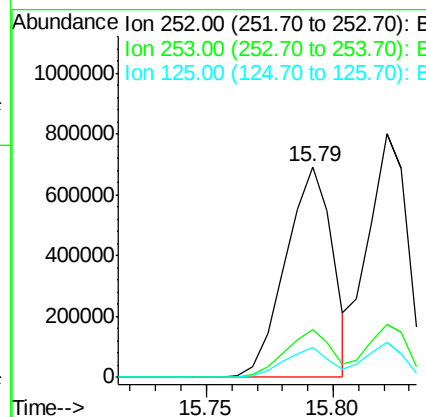
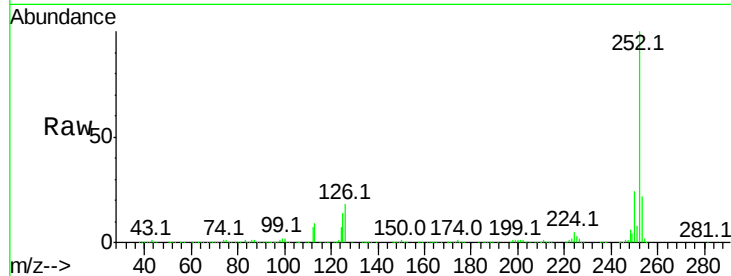
ClientSampled :

PB98067BS

Tot Ion:252	Resp:	893386
Ion Ratio	Lower	Upper
252 100		
253 22.5	18.1	27.1
125 13.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 46.48 ng

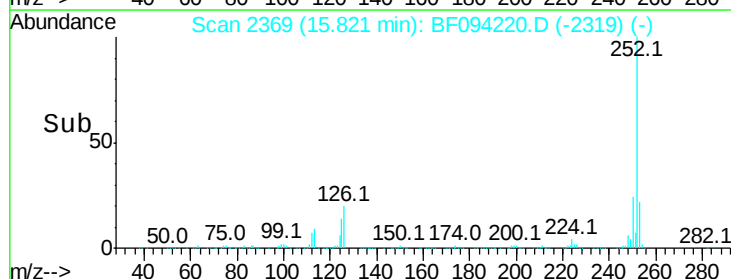
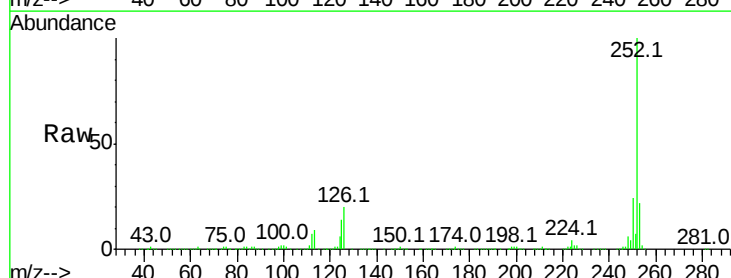
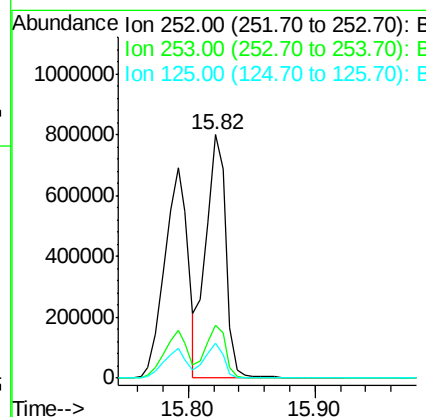
RT: 15.82 min Scan# 2369

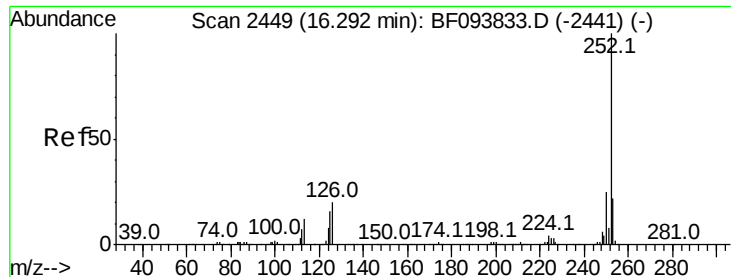
Delta R.T. -0.01 min

Lab File: BF094220.D

Acq: 6 Apr 2017 11:29

Tgt Ion:252	Resp:	875452
Ion Ratio	Lower	Upper
252 100		
253 21.9	18.4	27.6
125 14.3	13.1	19.7





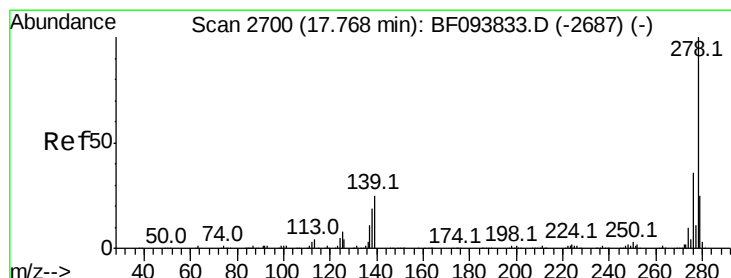
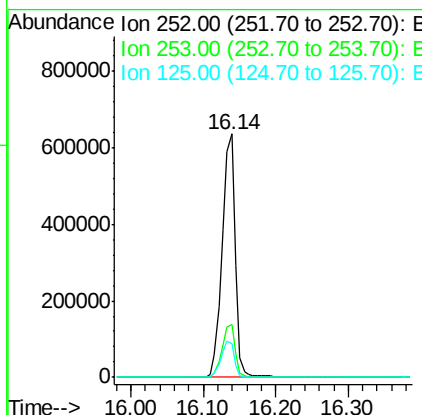
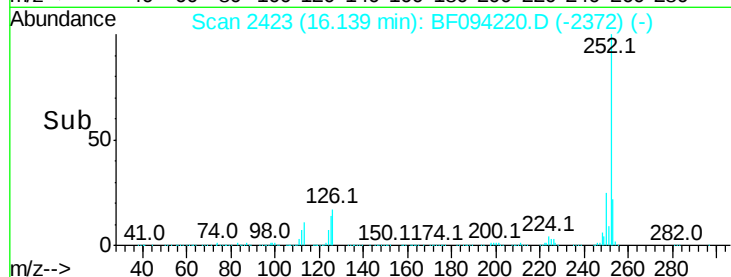
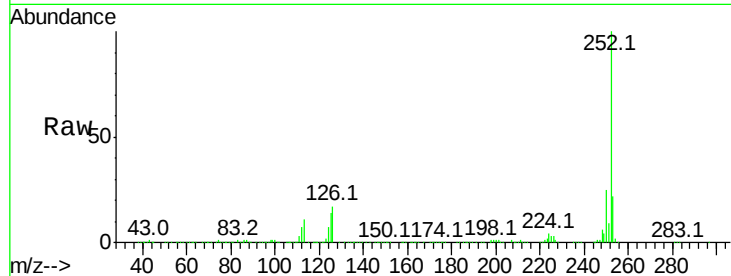
#89
Benzo(a)pyrene
Concen: 44.90 ng
RT: 16.14 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Instrument :
BNA_F
ClientSampleId :
PB98067BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	13.7	11.0	16.4

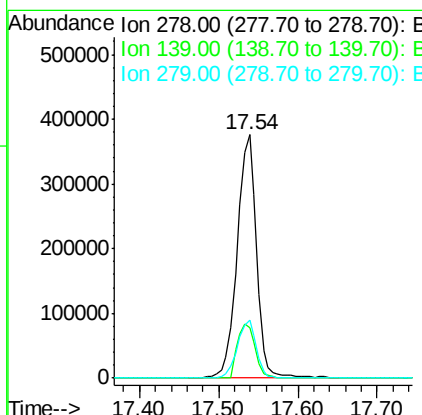
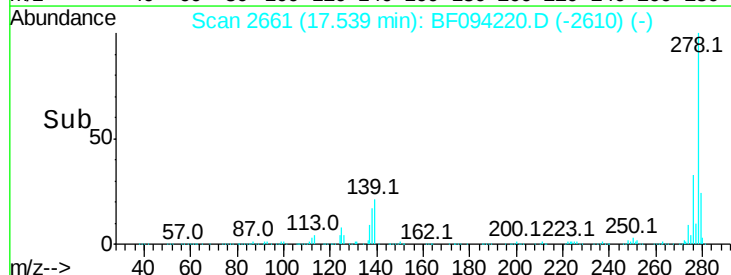
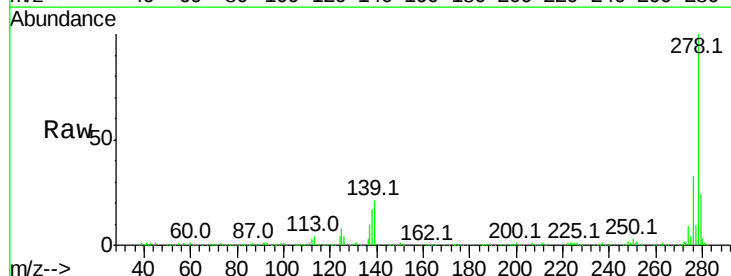
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#90
Dibenzo(a,h)anthracene
Concen: 42.59 ng
RT: 17.54 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF094220.D
Acq: 6 Apr 2017 11:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 43.10 ng
 RT: 17.91 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: BF094220.D
 Acq: 6 Apr 2017 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB98067BS

Tot Ion:	276	Resp:	652171
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	29.9	25.4	38.0

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