

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094023.D
 Acq On : 29 Mar 2017 17:27
 Operator : SJ/MA
 Sample : PB97900BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Manual Integrations
 APPROVED

mohammad
 3/30/2017 2:31:31 PM

Quant Time: Mar 30 03:43:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	149144	20.00	ng	-0.03
21) Naphthalene-d8	7.43	136	602786	20.00	ng	-0.03
38) Acenaphthene-d10	9.57	164	274475	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	491703	20.00	ng	-0.03
75) Chrysene-d12	14.64	240	402953	20.00	ng	-0.04
86) Perylene-d12	16.27	264	298471	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1141390	129.26	ng	-0.02
7) Phenol-d6	5.53	99	1440870	131.90	ng	-0.02
23) Nitrobenzene-d5	6.57	82	877750	83.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	320544	147.79	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	1626551	90.39	ng	-0.03
78) Terphenyl-d14	13.37	244	1414640	78.69	ng	-0.04

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.31	88	141930	33.46	ng	98
3) Pyridine	2.80	79	415181	35.91	ng	98
4) n-Nitrosodimethylamine	2.76	42	202812	42.63	ng	90
6) Aniline	5.55	93	455090	29.95	ng	# 59
8) 2-Chlorophenol	5.69	128	447719	46.13	ng	96
9) Benzaldehyde	5.41	77	85671	11.61	ng	99
10) Phenol	5.54	94	534953	43.03	ng	89
11) bis(2-Chloroethyl)ether	5.63	93	418239	43.05	ng	98
12) 1,3-Dichlorobenzene	5.86	146	475387	43.66	ng	99
13) 1,4-Dichlorobenzene	5.94	146	479296	43.47	ng	95
14) 1,2-Dichlorobenzene	6.12	146	446105	43.93	ng	97
15) Benzyl Alcohol	6.09	79	372017	46.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.25	45	595229	39.76	ng	97
17) 2-Methylphenol	6.23	107	378455	45.53	ng	97
18) Hexachloroethane	6.51	117	168316	43.43	ng	# 85
19) n-Nitroso-di-n-propylamine	6.41	70	303972	43.30	ng	95
20) 3+4-Methylphenols	6.41	107	467801	46.47	ng	# 64
22) Acetophenone	6.39	105	621217	46.24	ng	# 88
24) Nitrobenzene	6.59	77	457921	43.96	ng	95
25) Isophorone	6.89	82	833262	44.90	ng	95
26) 2-Nitrophenol	6.97	139	251771	50.68	ng	97
27) 2,4-Dimethylphenol	7.03	122	413857	48.35	ng	99
28) bis(2-Chloroethoxy)methane	7.15	93	534250	43.65	ng	99
29) 2,4-Dichlorophenol	7.26	162	387286	48.39	ng	98
30) 1,2,4-Trichlorobenzene	7.36	180	376368	45.66	ng	99
31) Naphthalene	7.45	128	1270075	43.82	ng	99
32) Benzoic acid	7.19	122	263102	46.17	ng	96
33) 4-Chloroaniline	7.52	127	256617	21.85	ng	# 94
34) Hexachlorobutadiene	7.61	225	188758	44.65	ng	98
35) Caprolactam	7.96	113	130383m	51.08	ng	
36) 4-Chloro-3-methylphenol	8.13	107	414392	49.55	ng	89
37) 2-Methylnaphthalene	8.29	142	886402	45.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	322334	42.93	ng	99
40) Hexachlorocyclopentadiene	8.49	237	341843	97.29	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	270127	50.85	nq	100
43) 2,4,5-Trichlorophenol	8.70	196	275608	47.95	nq	94
45) 1,1'-Biphenyl	8.87	154	1001762	45.25	nq	98
46) 2-Chloronaphthalene	8.89	162	794776	45.86	nq	96
47) 2-Nitroaniline	9.02	65	243699	47.40	nq	# 87
48) Acenaphthylene	9.40	152	1270123	44.10	nq	99
49) Dimethylphthalate	9.26	163	930684	47.70	nq	99
50) 2,6-Dinitrotoluene	9.32	165	216195	48.34	nq	# 90
51) Acenaphthene	9.61	154	748953	44.56	nq	100
52) 3-Nitroaniline	9.52	138	146391	27.87	nq	88
53) 2,4-Dinitrophenol	9.66	184	214526	89.07	nq	# 70
54) Dibenzofuran	9.83	168	1087195	47.52	nq	98
55) 4-Nitrophenol	9.76	139	373238	90.75	nq	# 68
56) 2,4-Dinitrotoluene	9.82	165	273166	48.62	nq	# 74
57) Fluorene	10.25	166	821247	43.29	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	206545	52.37	nq	97
59) Diethylphthalate	10.13	149	922287	47.83	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	352171	43.57	nq	92
61) 4-Nitroaniline	10.28	138	244213	48.46	nq	95
62) Azobenzene	10.45	77	899697	49.32	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	147357	48.93	nq	# 66
65) n-Nitrosodiphenylamine	10.40	169	789907	46.45	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	223656	46.25	nq	97
67) Hexachlorobenzene	10.92	284	232469	47.49	nq	# 90
68) Atrazine	11.07	200	240087	47.14	nq	96
69) Pentachlorophenol	11.17	266	246354	80.85	nq	97
70) Phenanthrene	11.42	178	1234991	45.15	nq	99
71) Anthracene	11.49	178	1300438	46.18	nq	98
72) Carbazole	11.69	167	1223010	42.35	nq	98
73) Di-n-butylphthalate	12.14	149	1450598	48.30	nq	99
74) Fluoranthene	12.89	202	1293927	46.20	nq	99
76) Benzidine	13.05	184	510089	31.98	nq	# 93
77) Pyrene	13.16	202	1316752	45.03	nq	99
79) Butylbenzylphthalate	13.98	149	631364	50.67	nq	88
80) Benzo(a)anthracene	14.63	228	1099214	46.78	nq	99
81) 3,3'-Dichlorobenzidine	14.60	252	233532	27.81	nq	# 97
82) Chrysene	14.68	228	934592	42.86	nq	100
83) Bis(2-ethylhexyl)phthalate	14.69	149	845480	49.74	nq	100
84) Di-n-octyl phthalate	15.45	149	1400631	49.32	nq	98
85) Indeno(1,2,3-cd)pyrene	17.63	276	736860	39.02	nq	100
87) Benzo(b)fluoranthene	15.87	252	891197	48.71	nq	99
88) Benzo(k)fluoranthene	15.90	252	830817	46.41	nq	# 95
89) Benzo(a)pyrene	16.22	252	790767	46.94	nq	98
90) Dibenzo(a,h)anthracene	17.66	278	606485	42.51	nq	98
91) Benzo(g,h,i)perylene	18.04	276	619086	43.05	nq	97

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

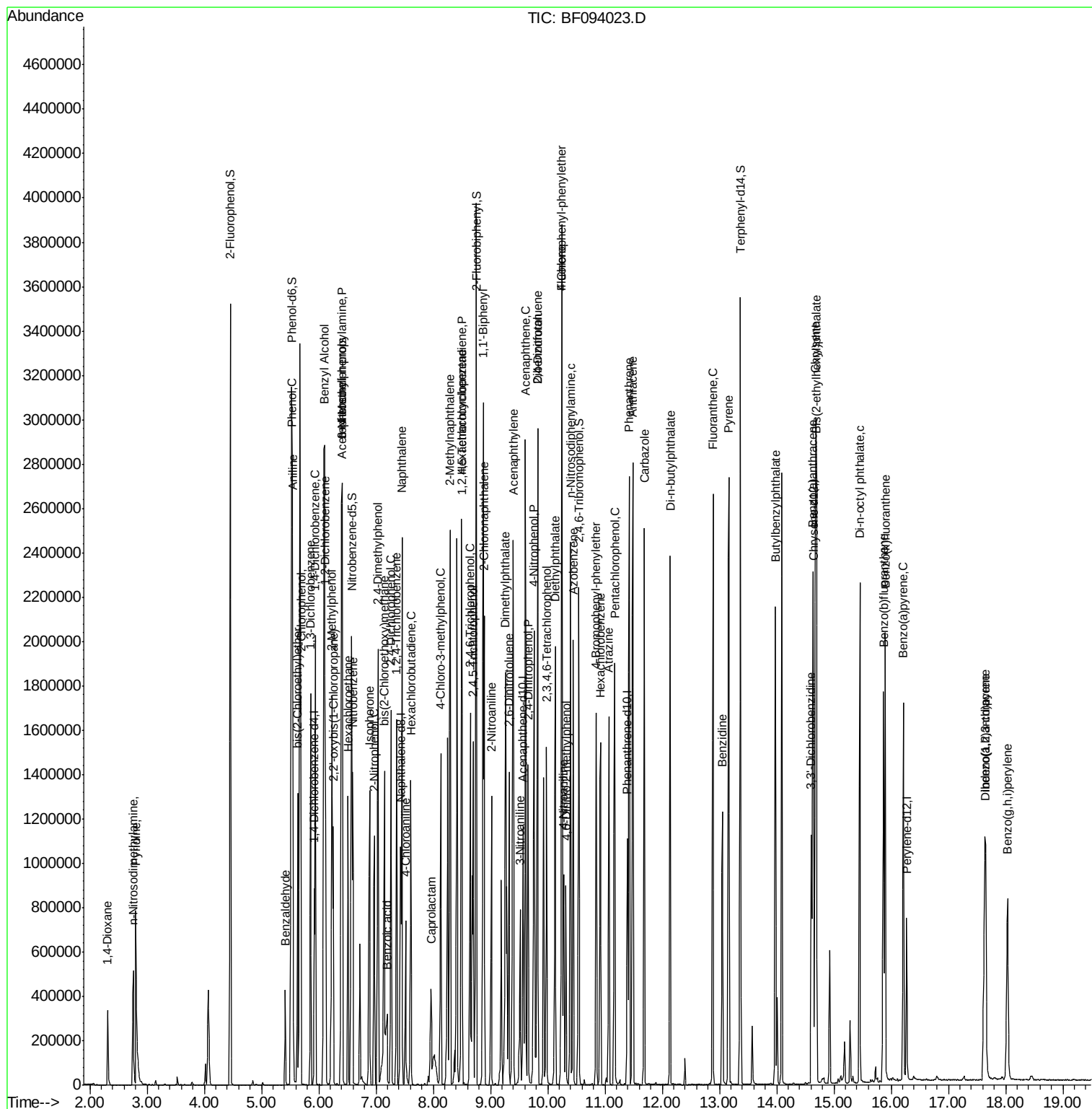
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094023.D
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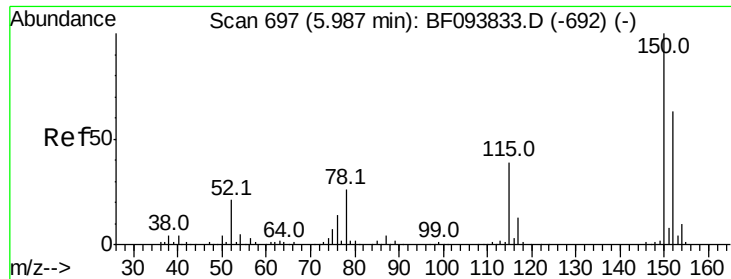
Instrument :
 BNA_F
 Client Sampled :
 PB97900BS

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#1

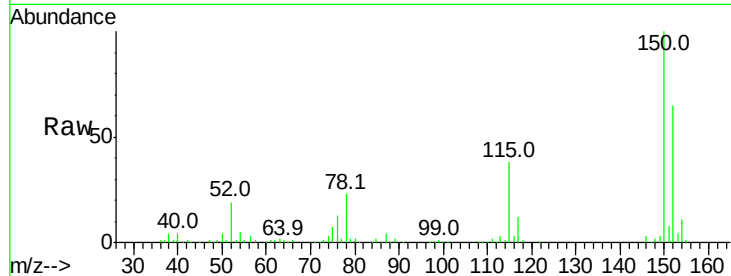
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

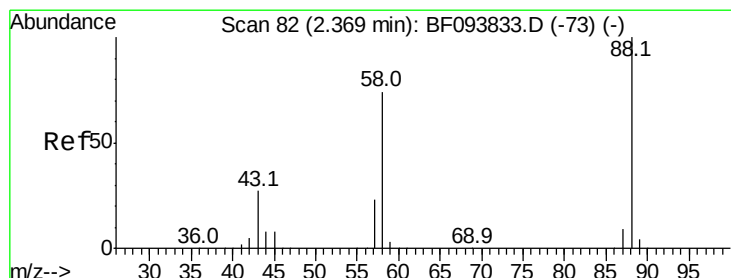
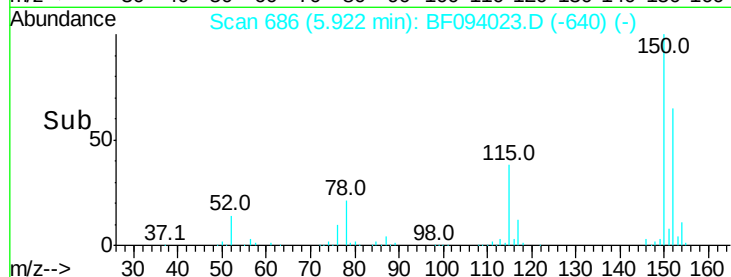
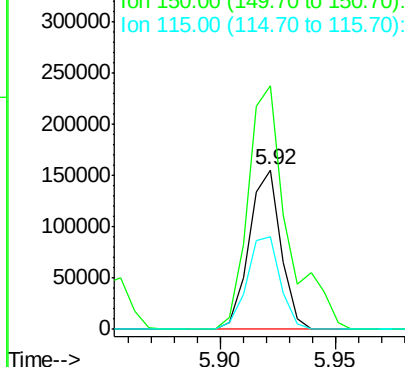
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	58.0	52.2	78.2

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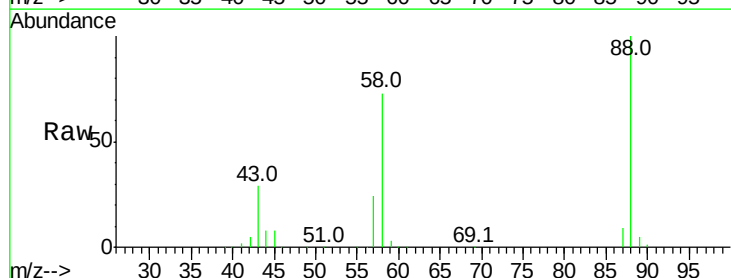
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



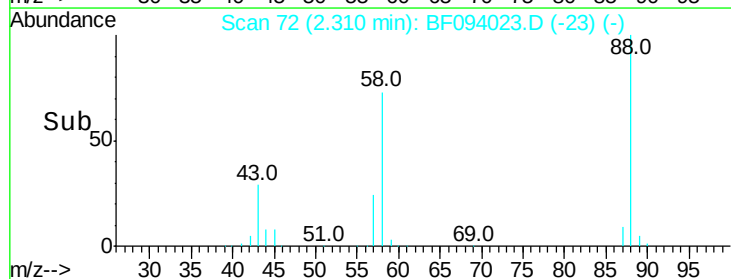
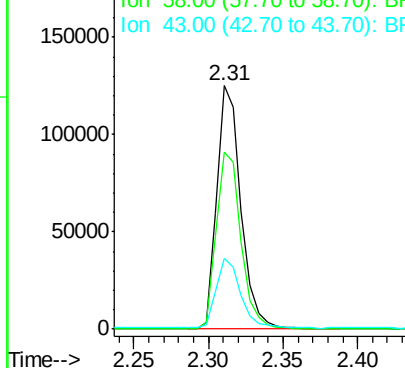
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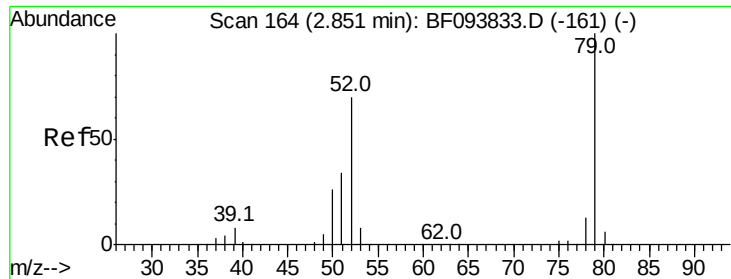
1,4-Dioxane
Concen: 33.46 ng
RT: 2.31 min Scan# 72
Delta R.T. -0.01 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	61.4	92.0
43	28.8	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





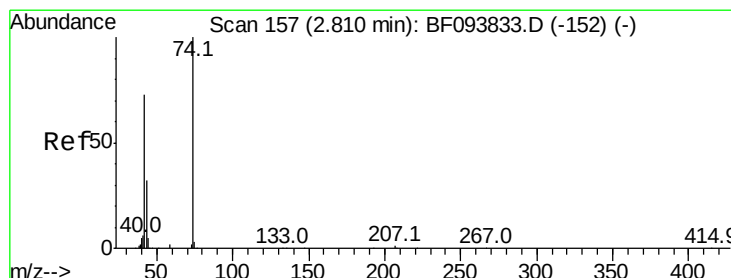
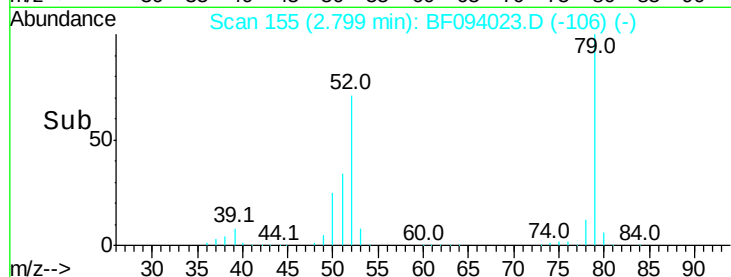
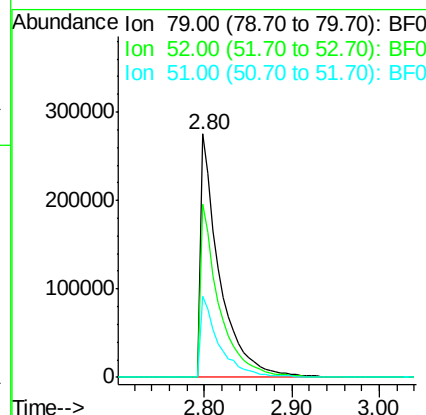
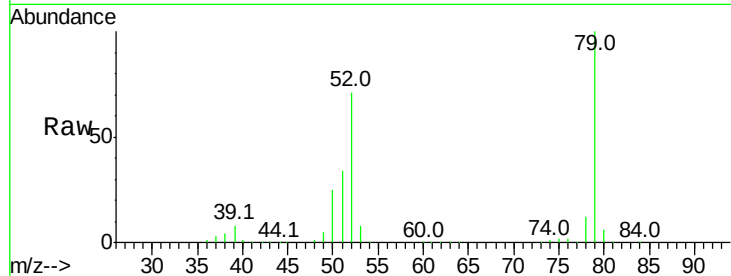
#3
 Pvridine
 Concen: 35.91 ng
 RT: 2.80 min Scan# 155
 Delta R.T. -0.01 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
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 PB97900BS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	71.0	54.8	82.2
51	51	33.5	27.0	40.4

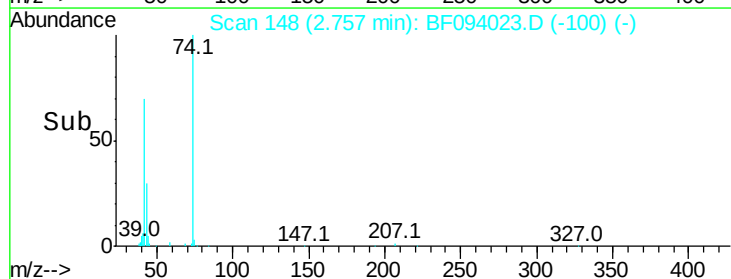
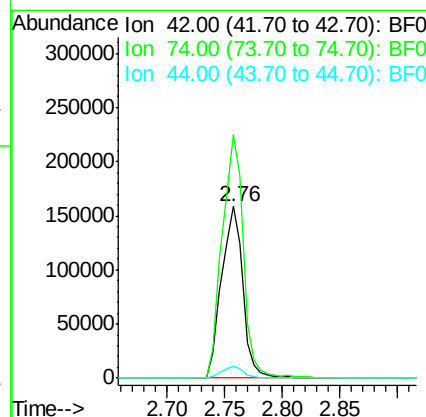
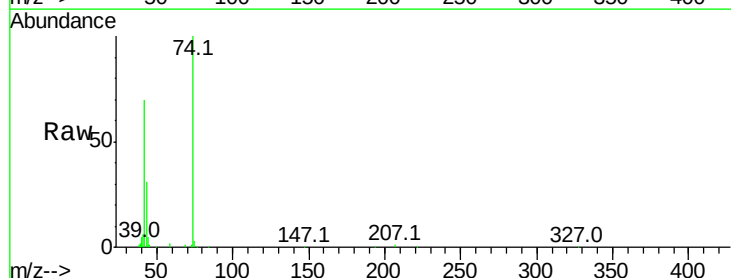
Manual Integrations
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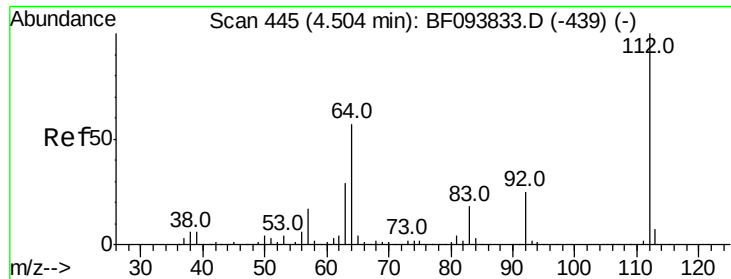
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#4
 n-Nitrosodimethylamine
 Concen: 42.63 ng
 RT: 2.76 min Scan# 148
 Delta R.T. -0.02 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	142.0	103.9	155.9
44	44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 129.26 ng

RT: 4.46 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

Tot Ion:112 Resp: 1141390

Ion Ratio Lower Upper

112 100

64 56.3 46.0 69.0

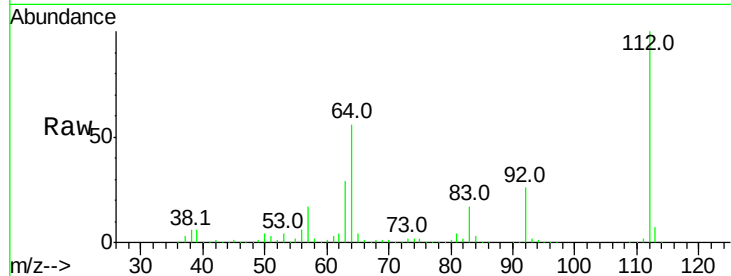
63 28.6 23.4 35.0

Manual Integrations

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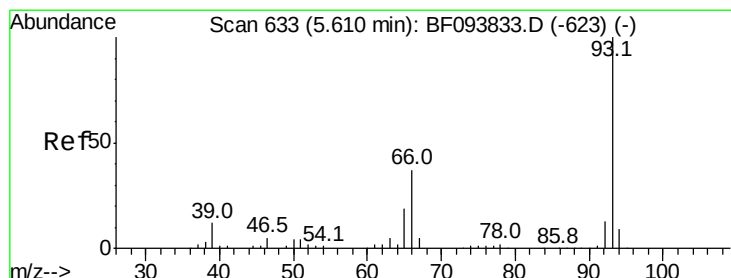
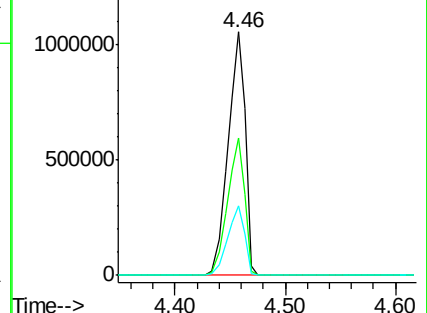
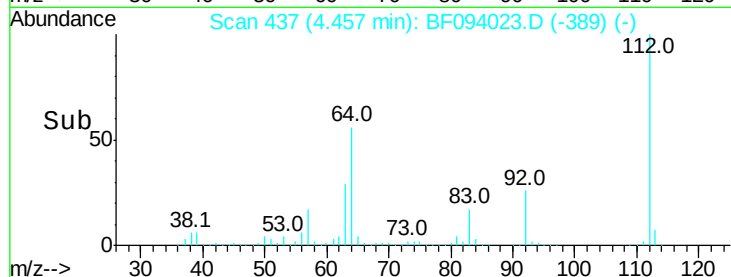
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.95 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

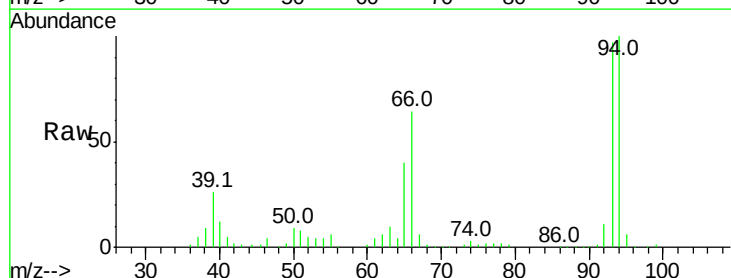
Tgt Ion: 93 Resp: 455090

Ion Ratio Lower Upper

93 100

66 65.6 32.9 49.3#

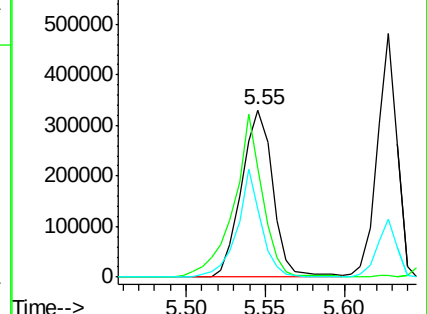
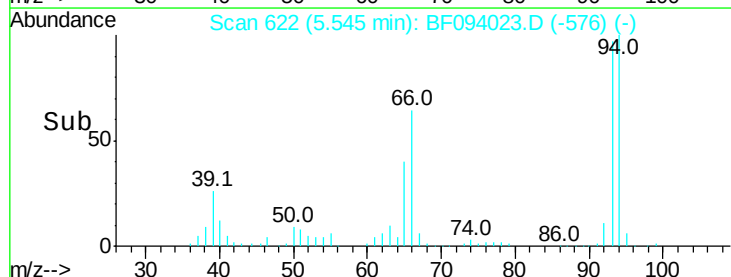
65 40.8 16.0 24.0#

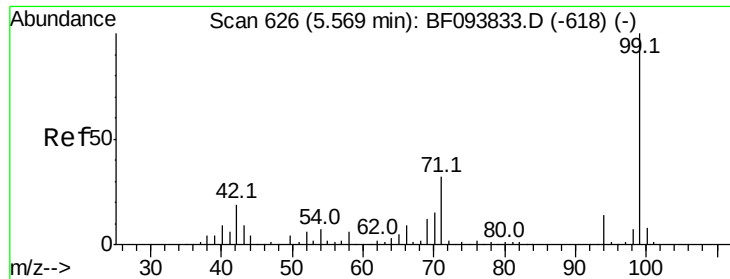


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.90 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF094023.D

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Instrument :

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Tot Ion: 99 Resp: 1440870

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

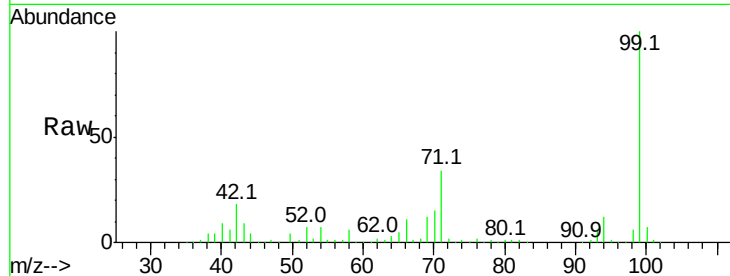
71 33.9 24.5 36.7

Manual Integrations

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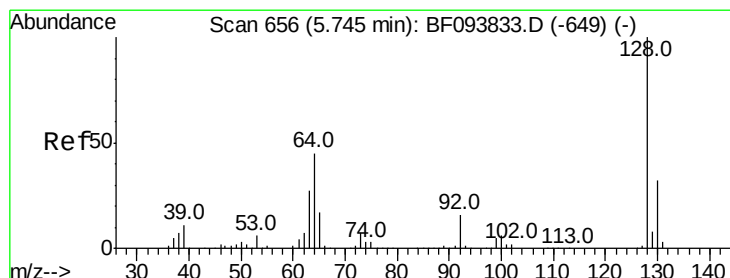
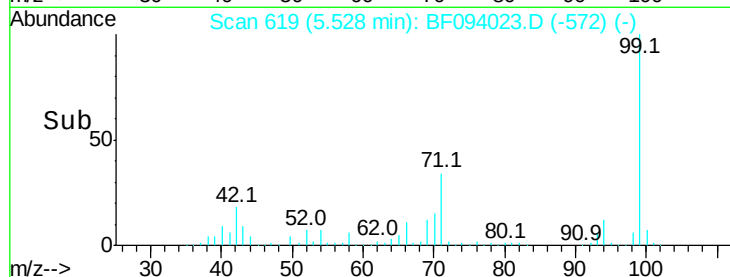
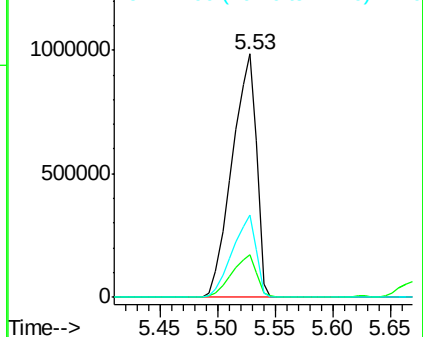
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.13 ng

RT: 5.69 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

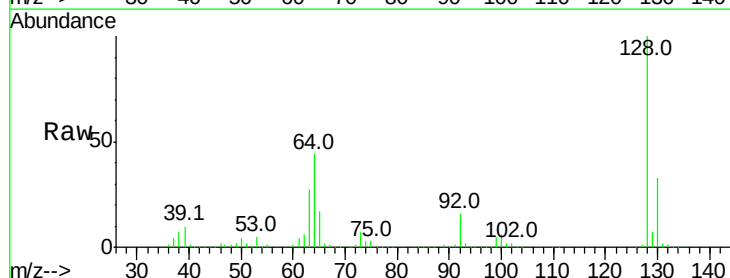
Tgt Ion:128 Resp: 447719

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

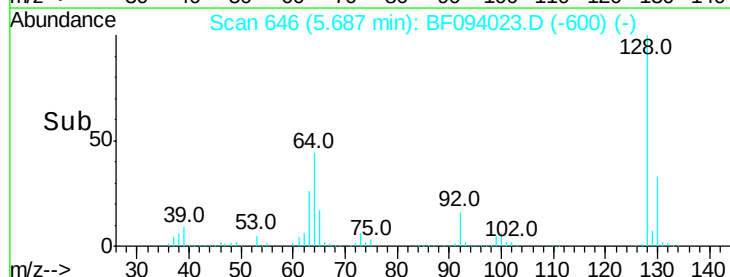
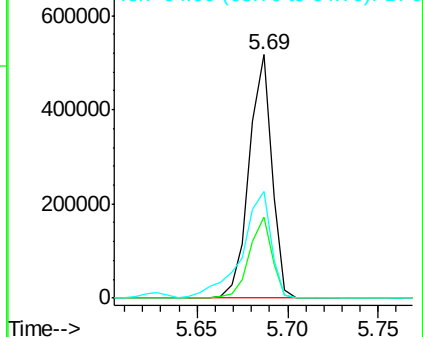
64 43.8 28.4 68.4

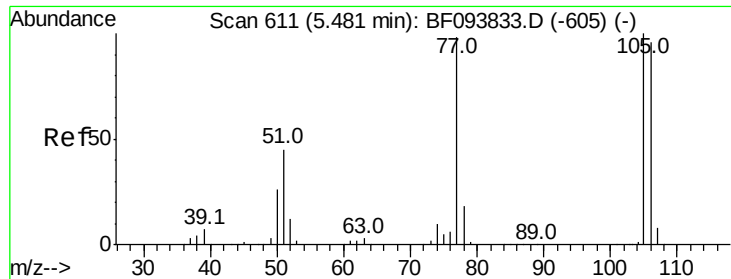


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





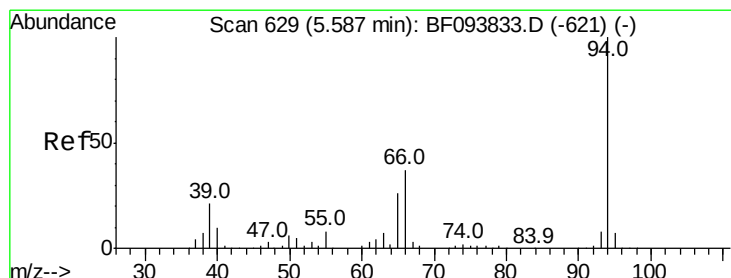
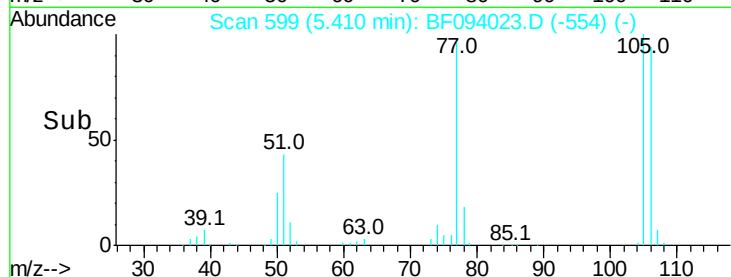
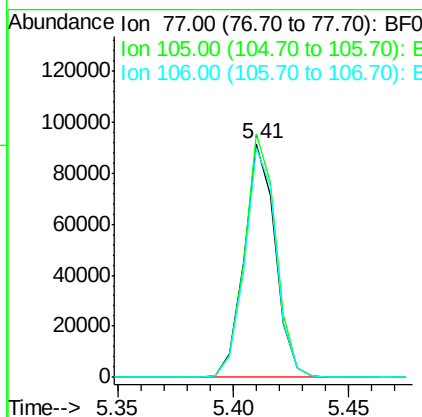
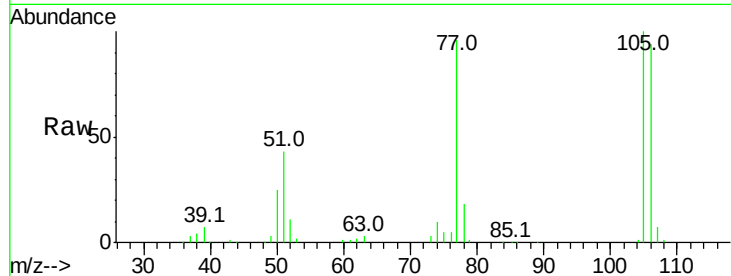
#9
Benzaldehyde
Concen: 11.61 ng
RT: 5.41 min Scan# 599
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion: 77 Resp: 85671
Ion Ratio Lower Upper
77 100
105 104.3 83.8 123.8
106 98.4 79.1 119.1

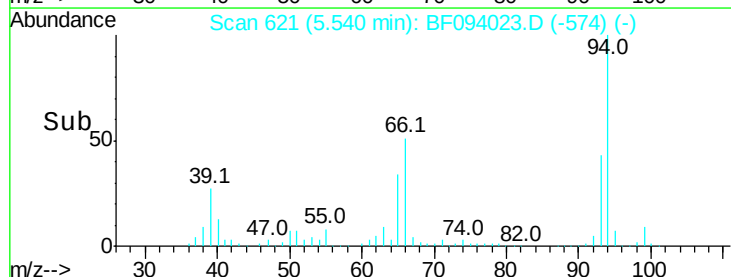
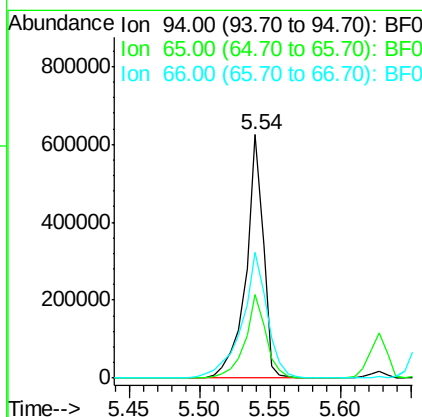
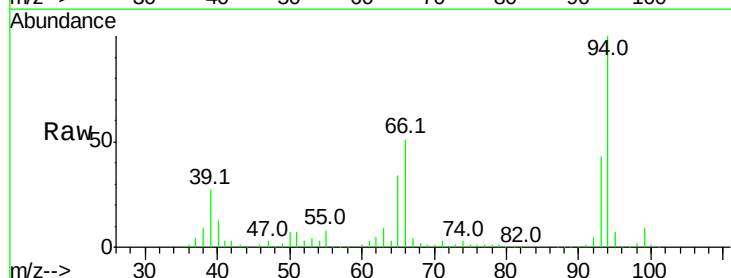
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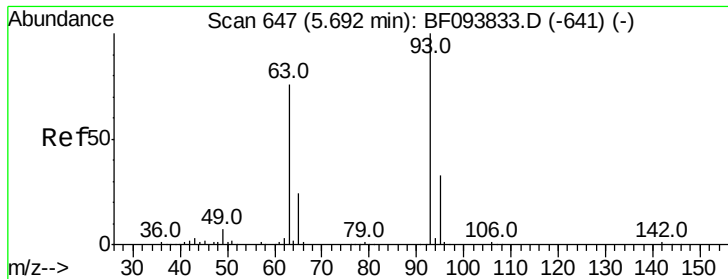
mohammad
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#10
Phenol
Concen: 43.03 ng
RT: 5.54 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion: 94 Resp: 534953
Ion Ratio Lower Upper
94 100
65 34.1 9.9 49.9
66 51.5 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 43.05 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

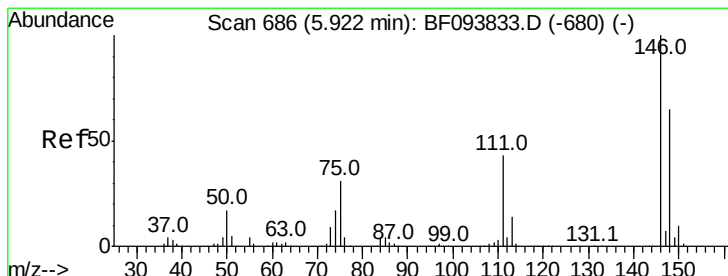
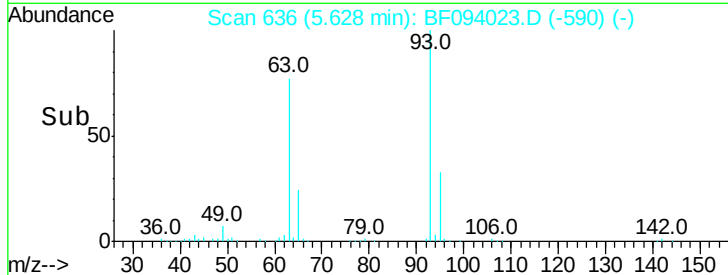
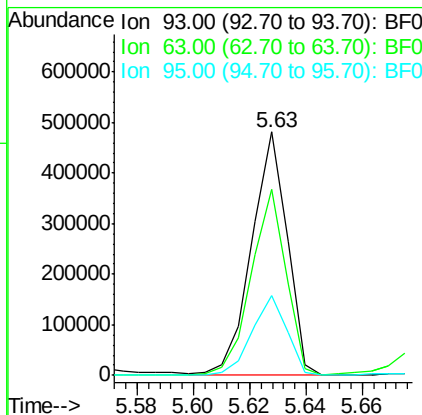
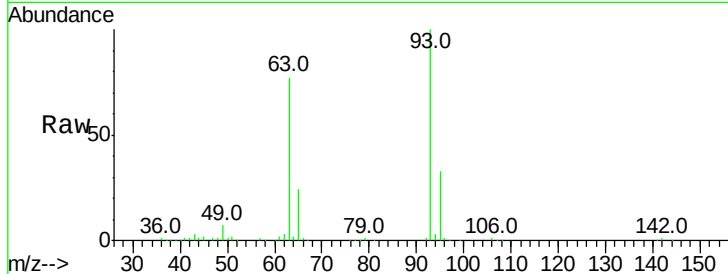
ClientSampleId :

PB97900BS

Tot Ion:	93	Resp:	418239
Ion Ratio	Lower	Upper	
93	100		
63	76.6	59.2	99.2
95	32.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 43.66 ng

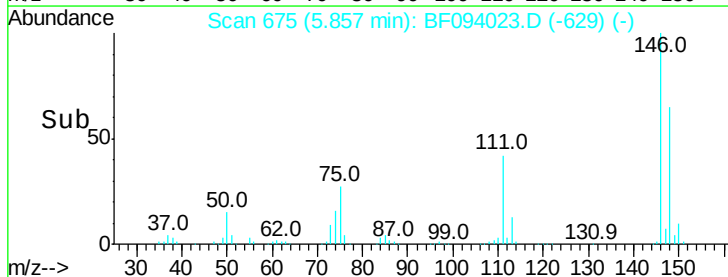
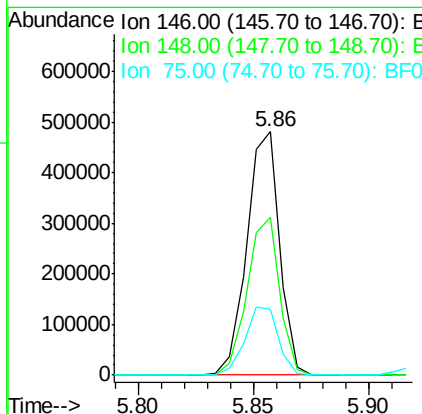
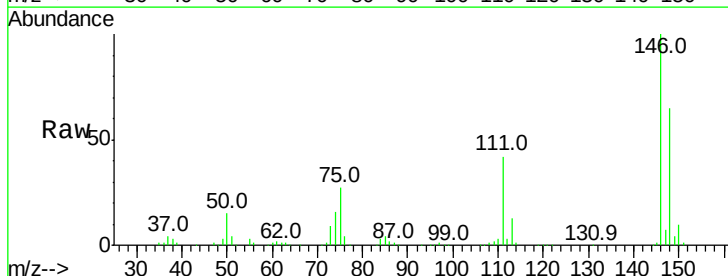
RT: 5.86 min Scan# 675

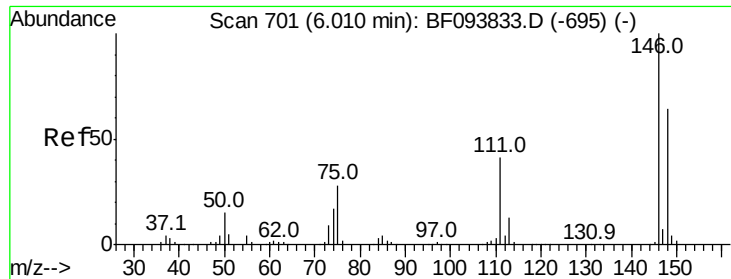
Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion:	146	Resp:	475387
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.6
75	27.0	23.1	34.7





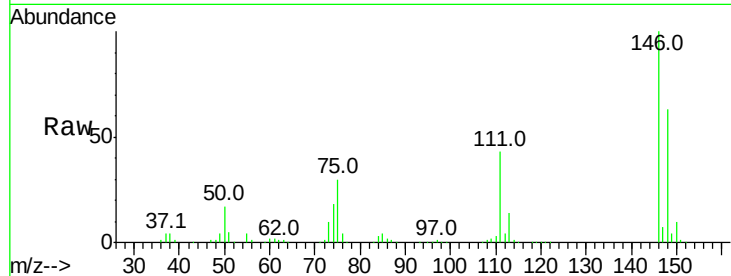
#13
 1,4-Dichlorobenzene
 Concen: 43.47 ng
 RT: 5.94 min Scan# 689
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

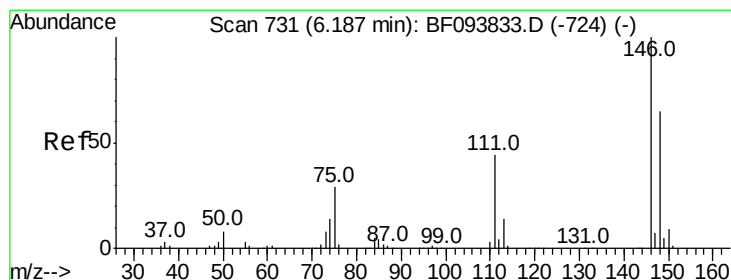
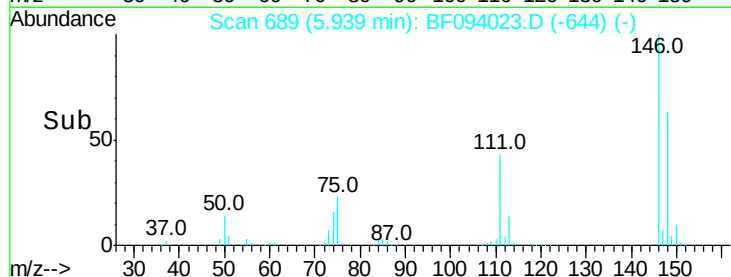
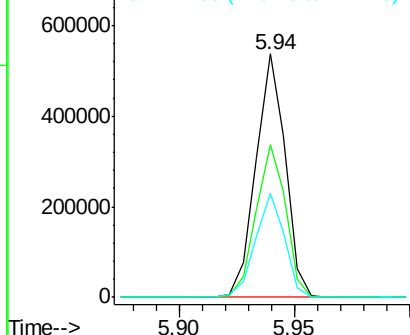
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	42.6	30.3	45.5

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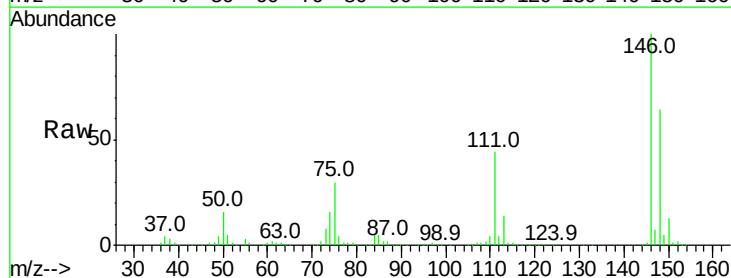


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

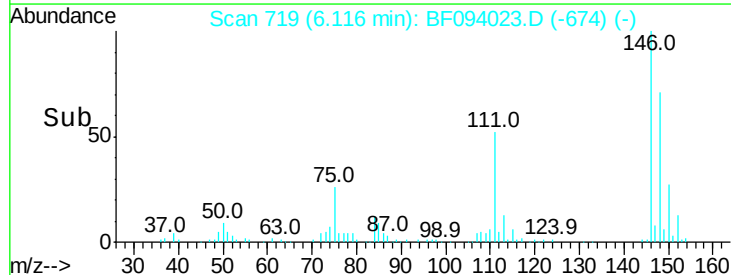
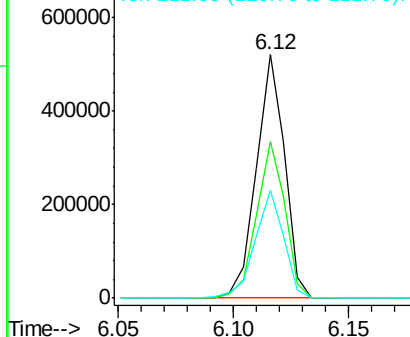


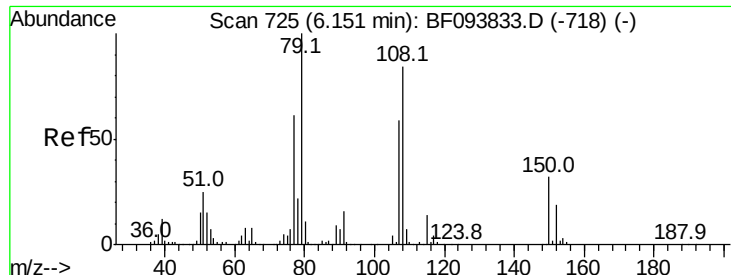
#14
 1,2-Dichlorobenzene
 Concen: 43.93 ng
 RT: 6.12 min Scan# 719
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	44.2	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: 46.53 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

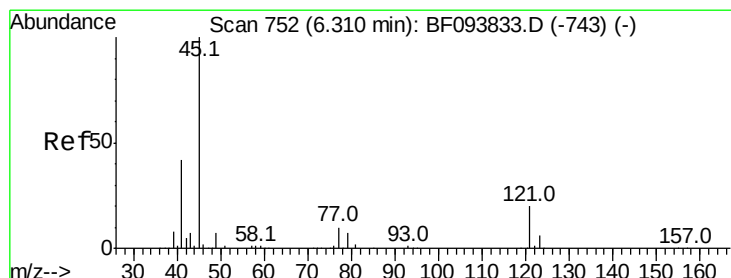
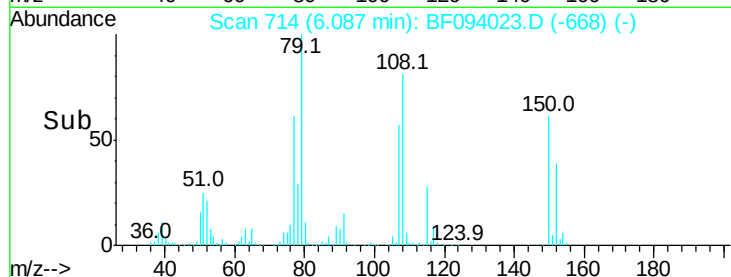
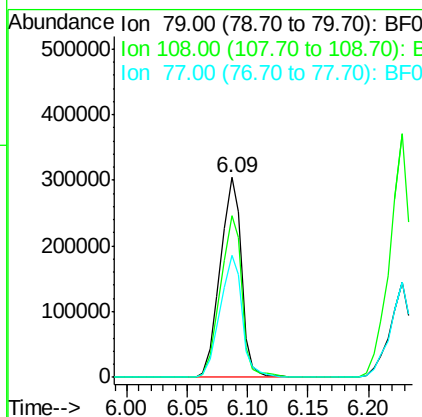
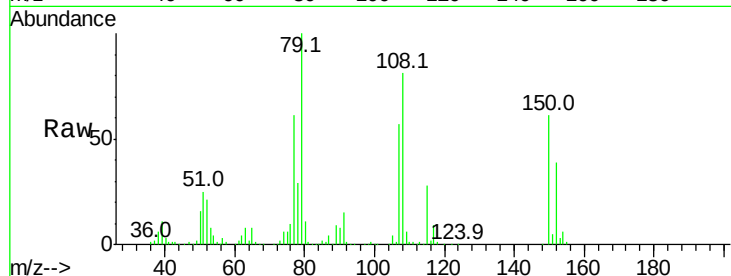
ClientSampleId :

PB97900BS

Tot Ion:	79	Resp:	372017
Ion	Ratio	Lower	Upper
79	100		
108	81.2	63.4	95.0
77	60.7	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.76 ng

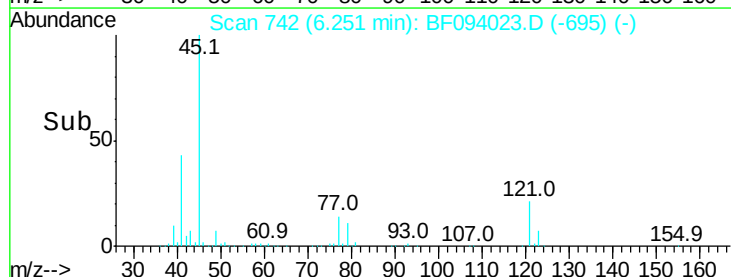
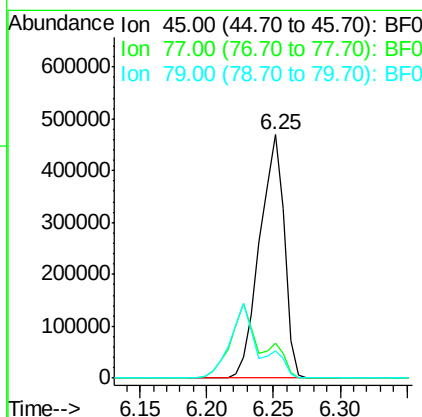
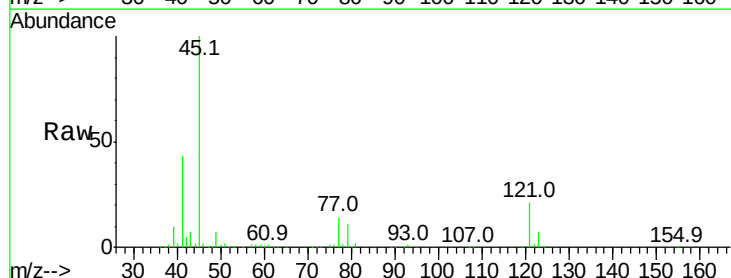
RT: 6.25 min Scan# 742

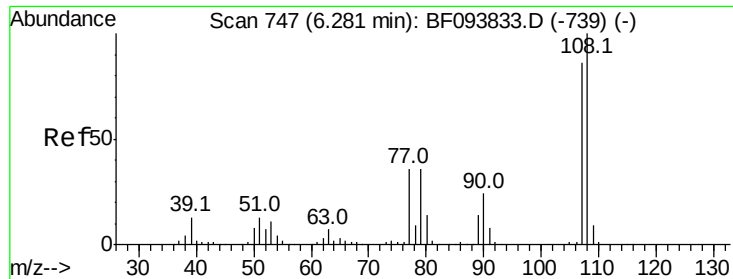
Delta R.T. -0.02 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion:	45	Resp:	595229
Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	33.2
79	11.1	0.0	30.0





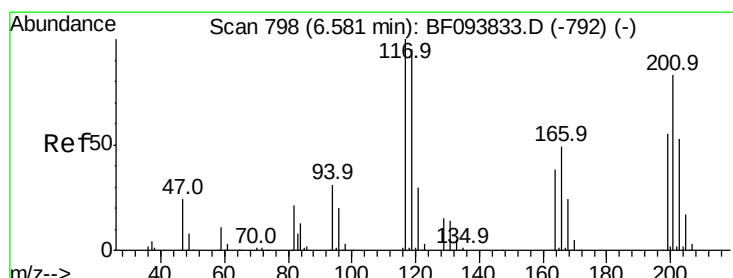
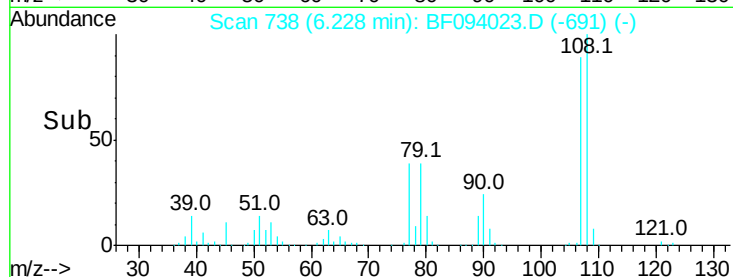
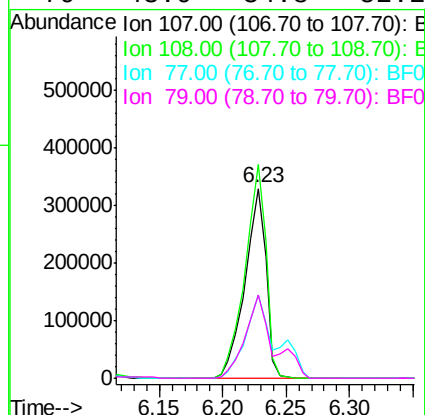
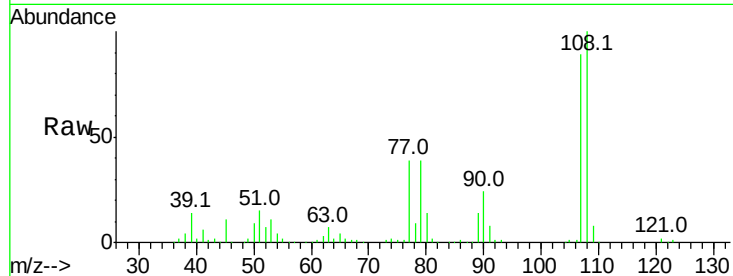
#17
2-Methylphenol
Concen: 45.53 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	93.4	140.0	
77	43.6	35.8	53.6	
79	43.9	34.8	52.2	

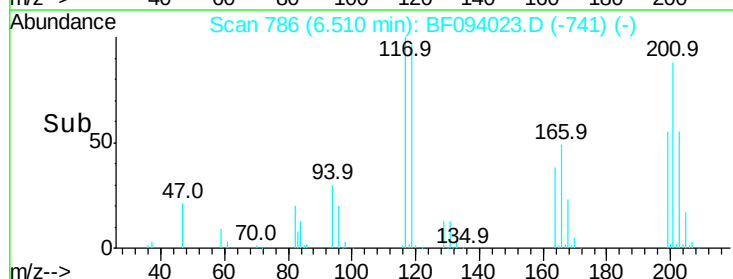
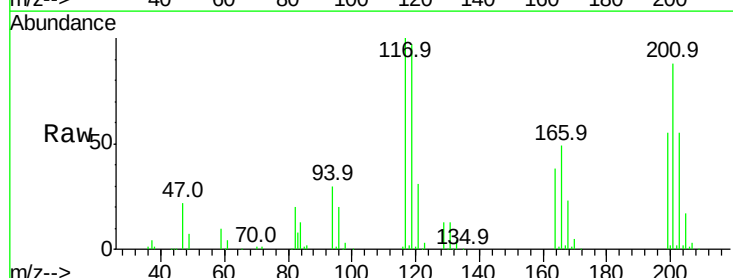
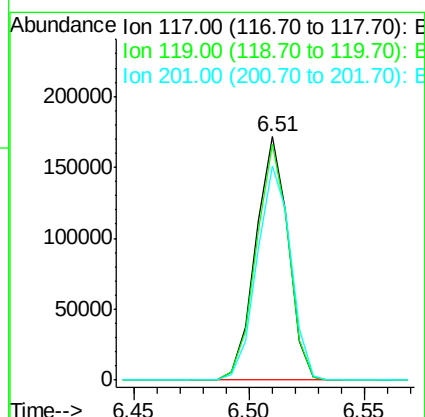
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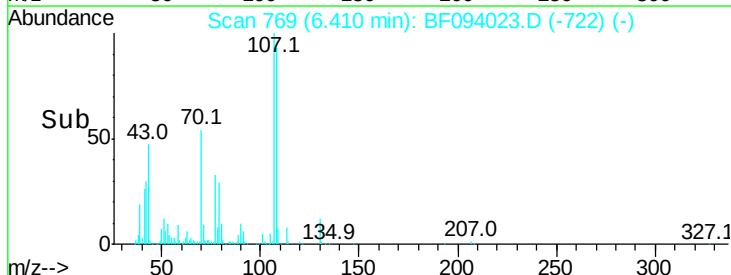
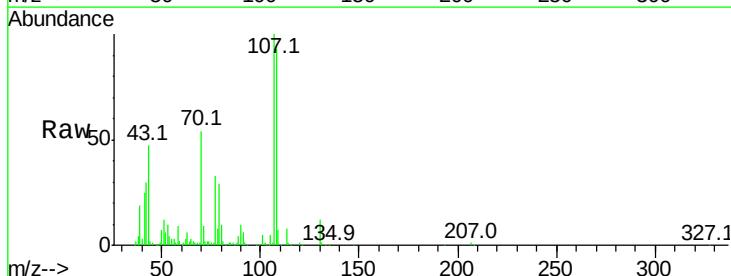
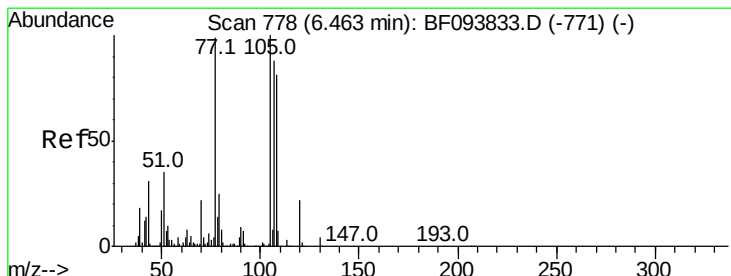
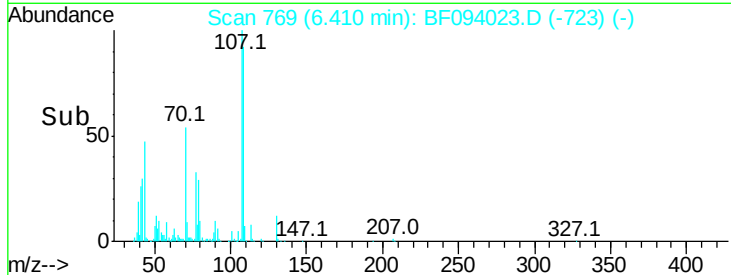
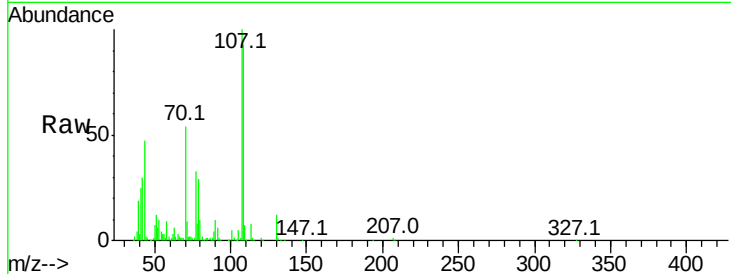
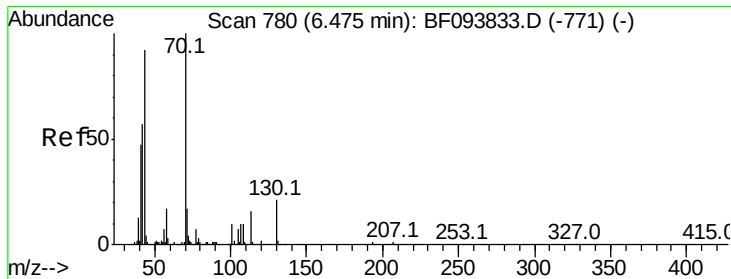
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#18
Hexachloroethane
Concen: 43.43 ng
RT: 6.51 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	77.4	116.0	
201	87.7	94.6	141.8#	





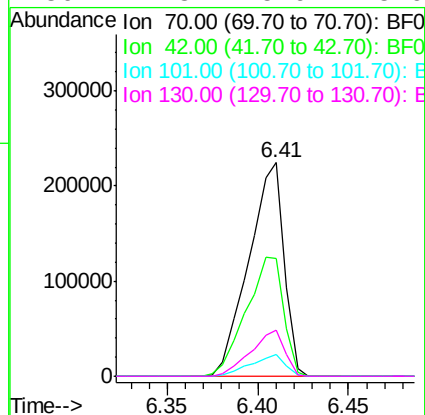
#19
n-Nitroso-di-n-propylamine
Concen: 43.30 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.2	70.8
101	10.1	7.2	10.8
130	21.8	15.9	23.9

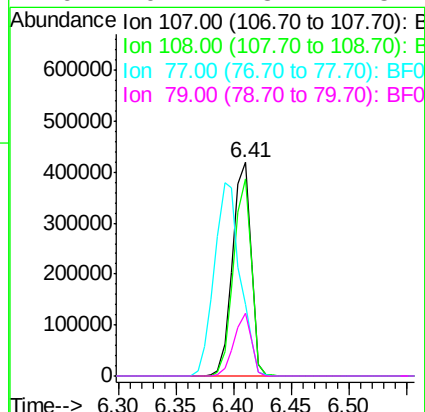
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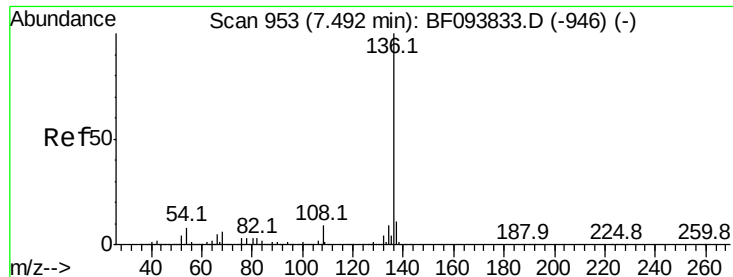
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#20
3+4-Methylphenols
Concen: 46.47 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.02 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.0	111.0
77	33.3	90.5	130.5#
79	29.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.43 min Scan# 942

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

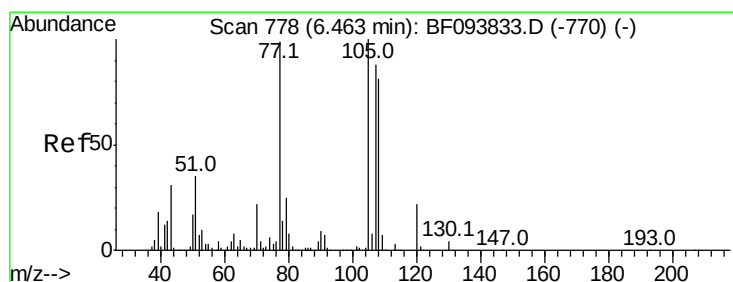
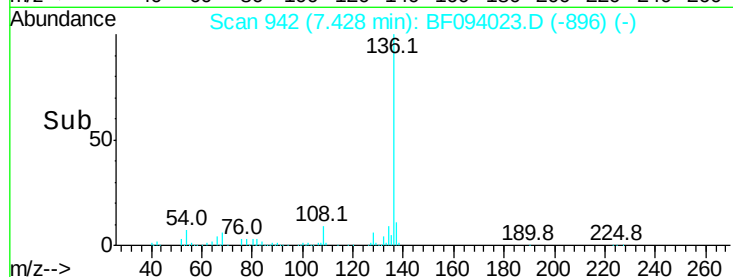
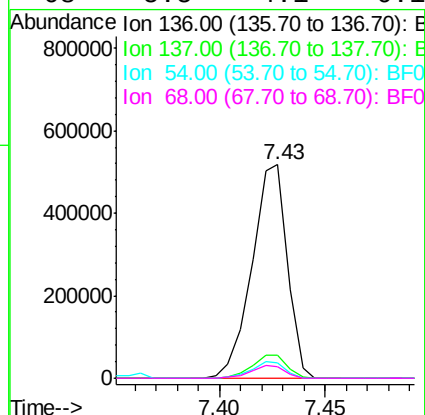
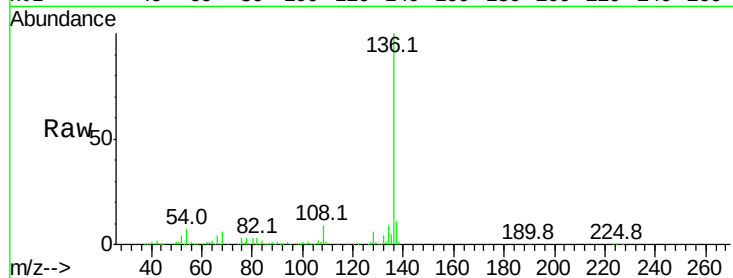
ClientSampleId :

PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	602786		
137	10.8		8.5	12.7
54	7.1		4.9	7.3
68	5.5		4.1	6.1

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#22

Acetophenone

Concen: 46.24 ng

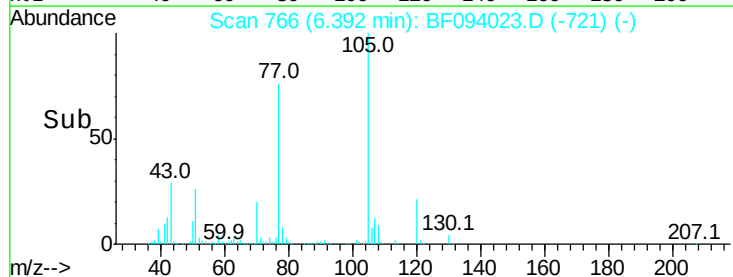
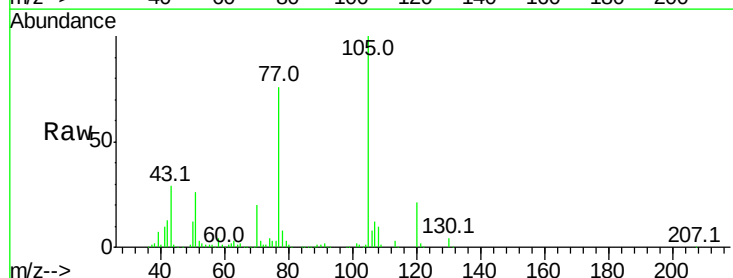
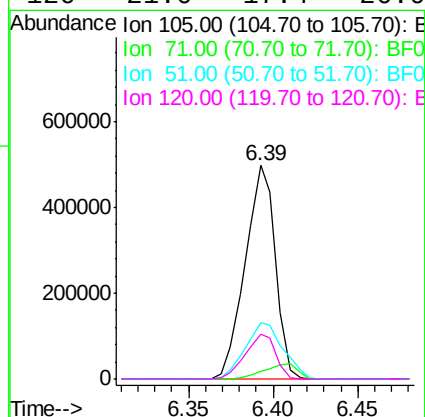
RT: 6.39 min Scan# 766

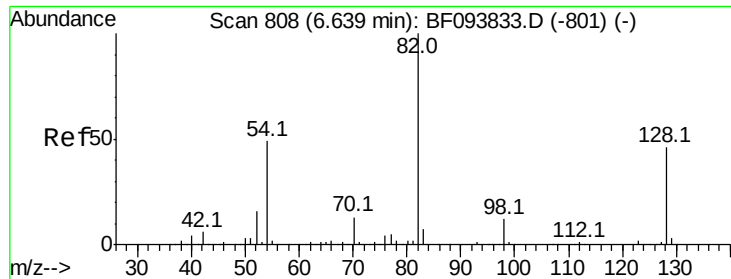
Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	621217		
71	3.4		2.8	4.2
51	26.5		30.7	46.1#
120	21.0		17.4	26.0





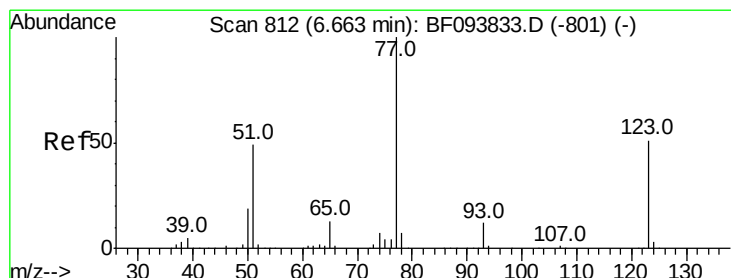
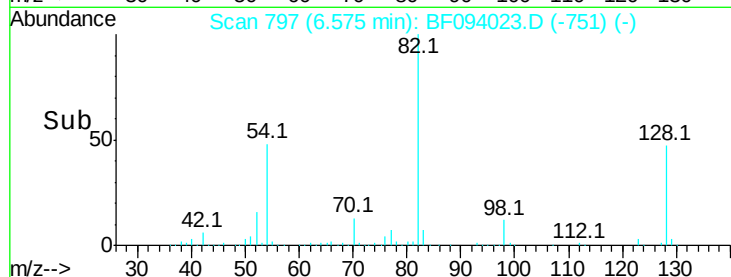
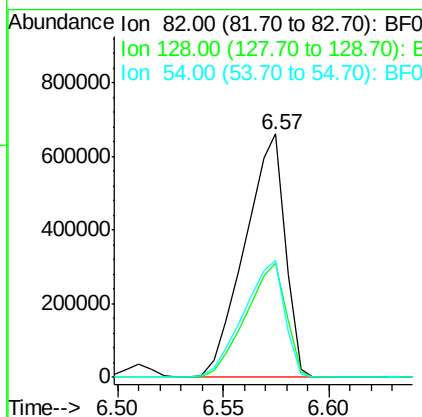
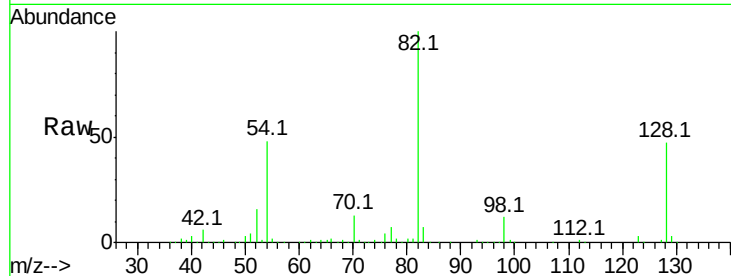
#23
Nitrobenzene-d5
Concen: 83.10 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampled :
PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	34.0	51.0	
54	48.2	42.2	63.2	

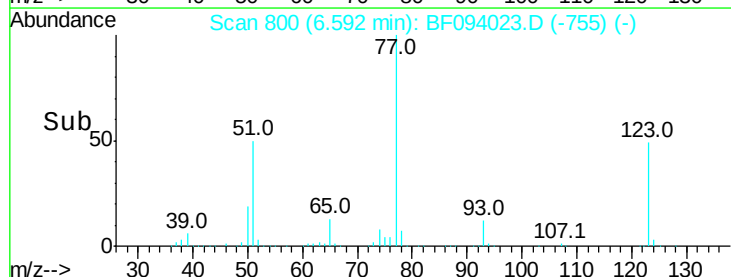
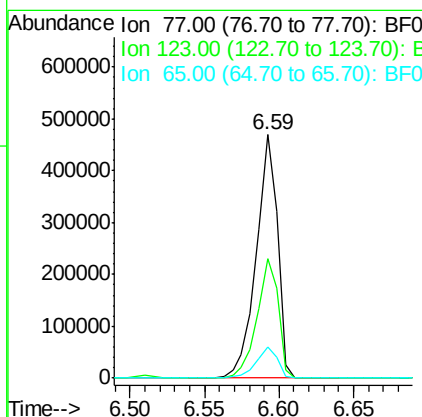
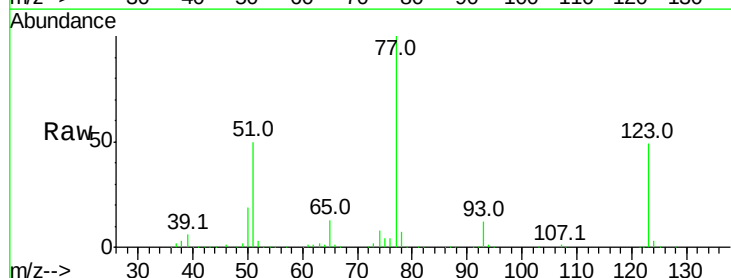
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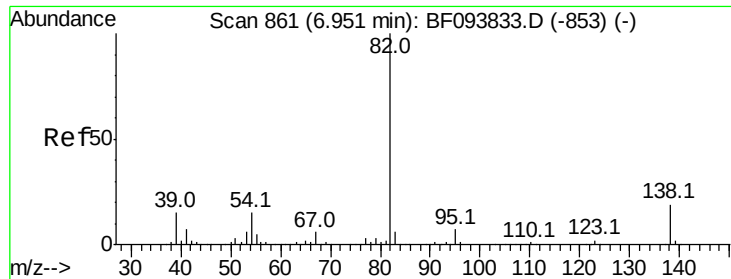
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#24
Nitrobenzene
Concen: 43.96 ng
RT: 6.59 min Scan# 800
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.8	35.8	53.8	
65	13.0	10.6	15.8	





#25

Isophorone

Concen: 44.90 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

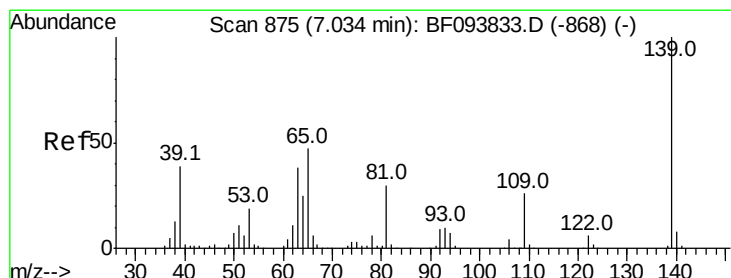
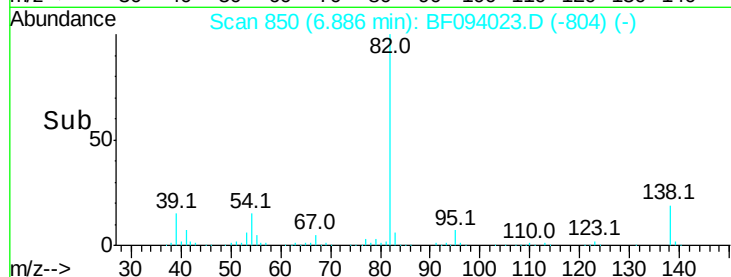
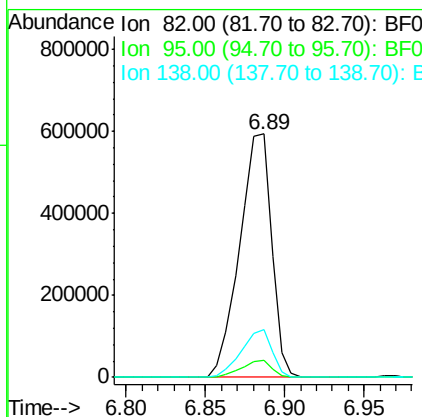
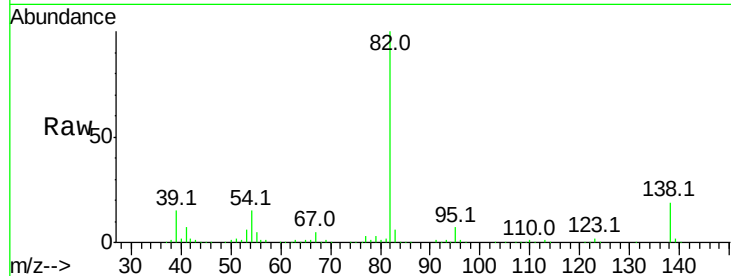
ClientSampleId :

PB97900BS

Tot Ion:	82	Resp:	833262
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	19.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 50.68 ng

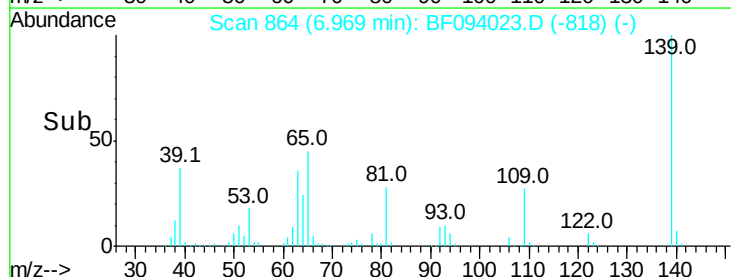
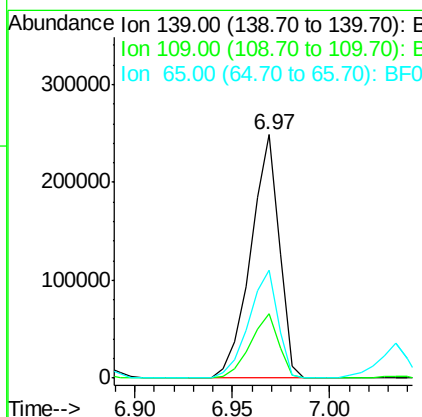
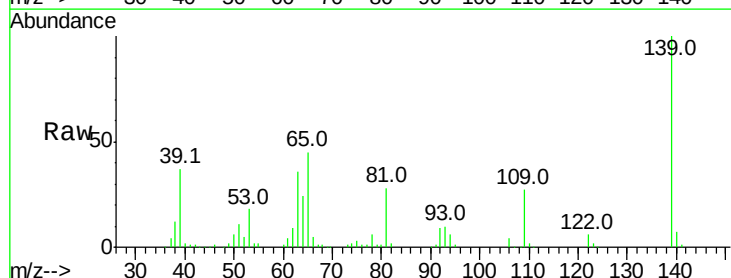
RT: 6.97 min Scan# 864

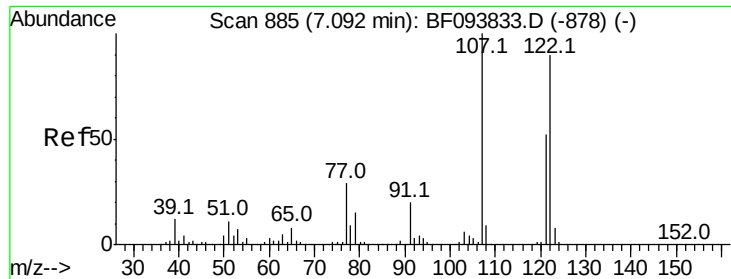
Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion:	139	Resp:	251771
Ion Ratio	Lower	Upper	
139	100		
109	26.6	21.0	31.6
65	44.5	33.0	49.6





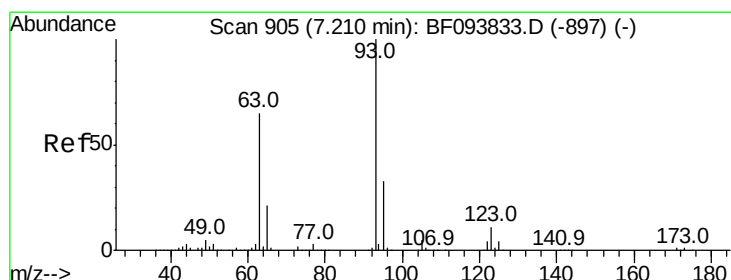
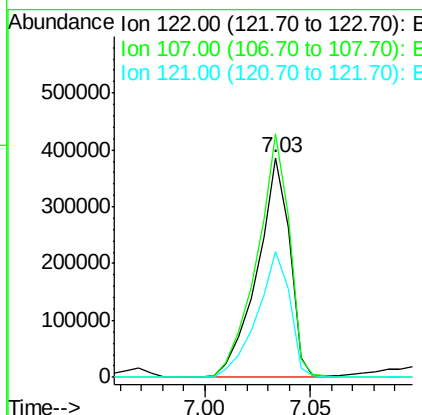
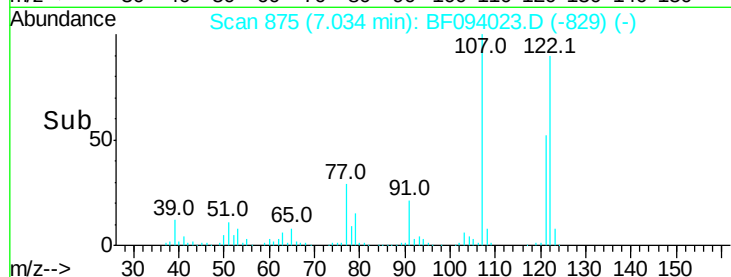
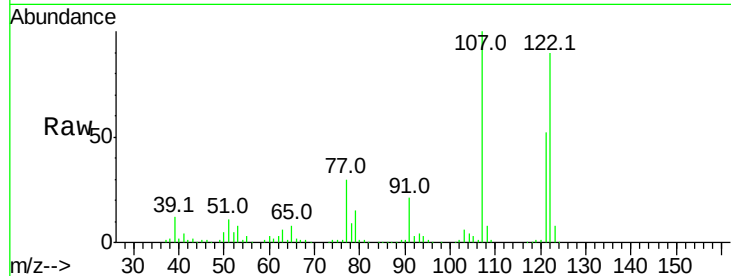
#27
 2,4-Dimethylphenol
 Concen: 48.35 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.9	89.2	133.8
121	57.3	45.2	67.8

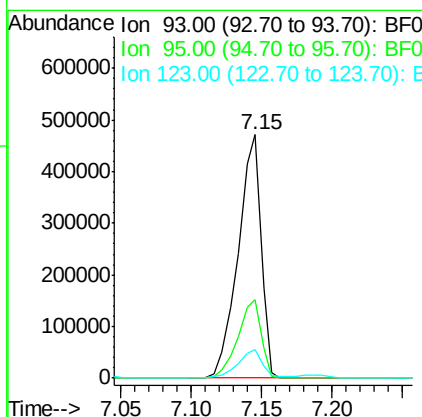
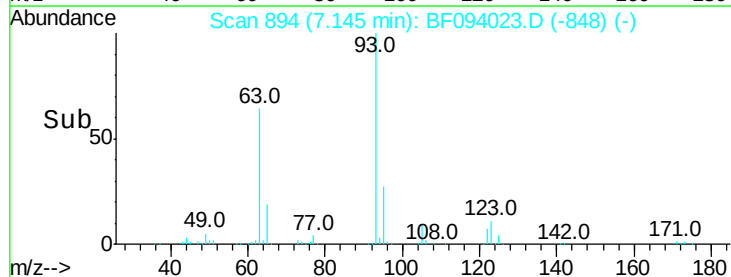
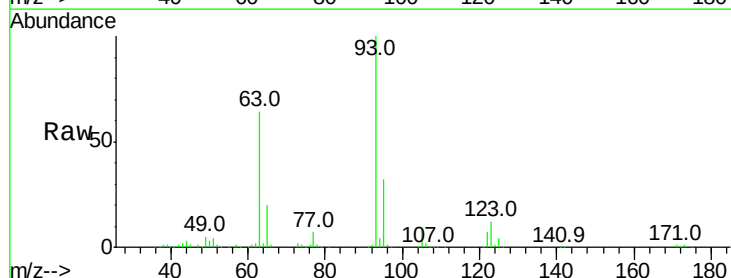
Manual Integrations
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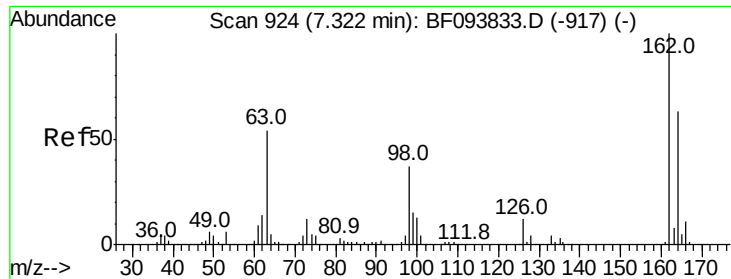
mohammad
 3/30/2017 2:31:31 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.65 ng
 RT: 7.15 min Scan# 894
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	11.8	9.0	13.4





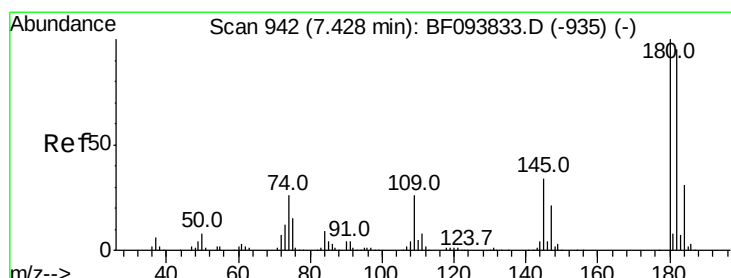
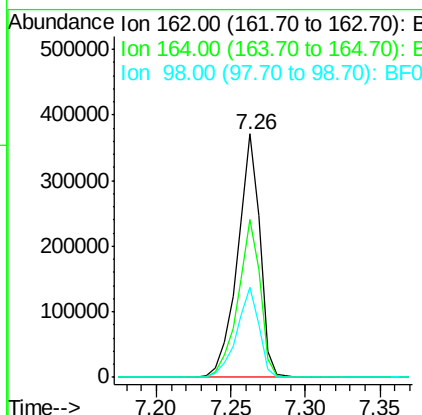
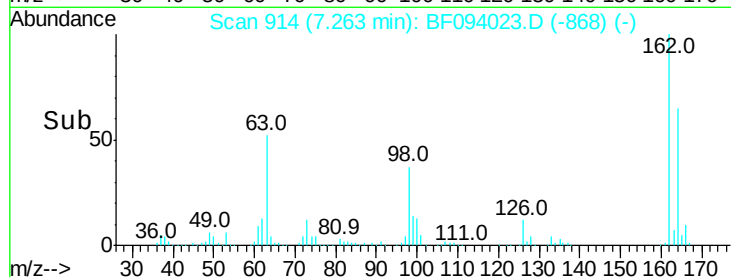
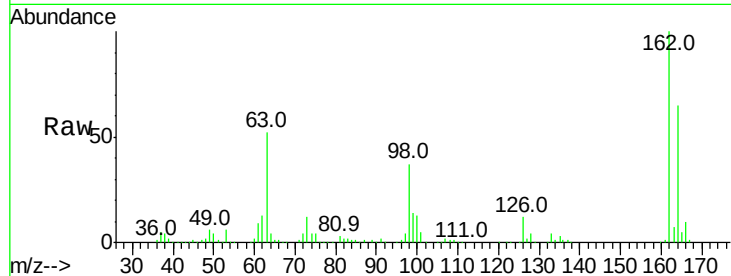
#29
 2,4-Dichlorophenol
 Concen: 48.39 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	387286		
164	64.8		44.6	84.6
98	37.1		14.8	54.8

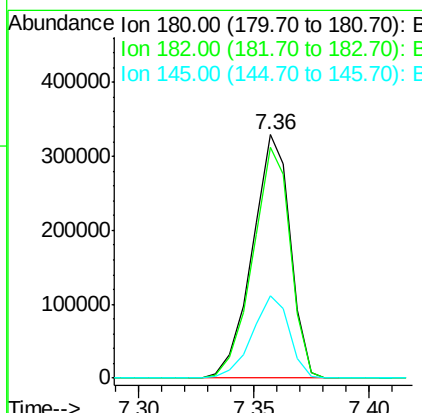
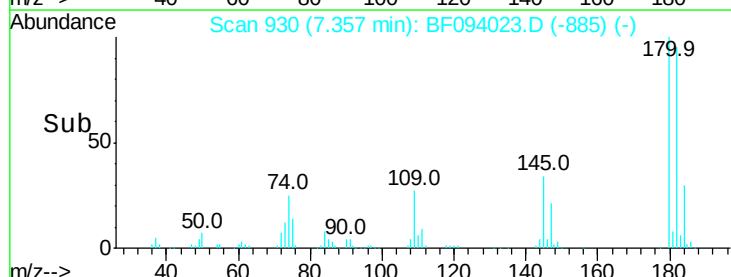
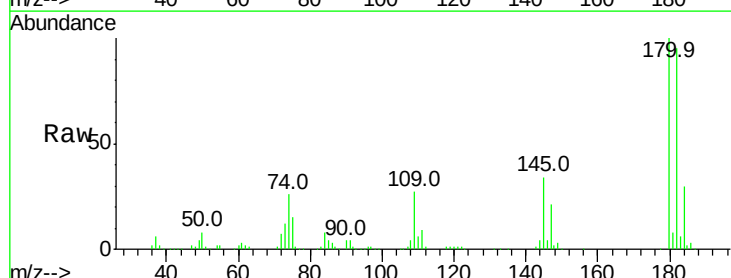
Manual Integrations
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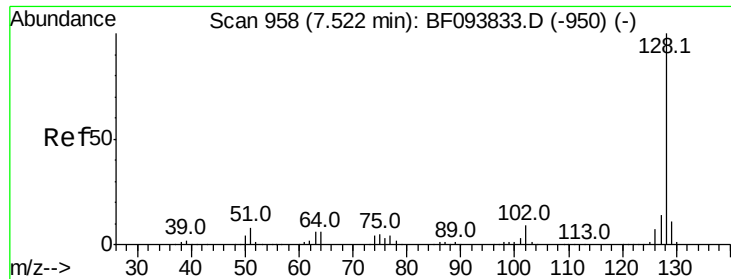
mohammad
 3/30/2017 2:31:31 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.66 ng
 RT: 7.36 min Scan# 930
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	376368		
182	94.6		75.8	113.6
145	33.7		25.3	37.9





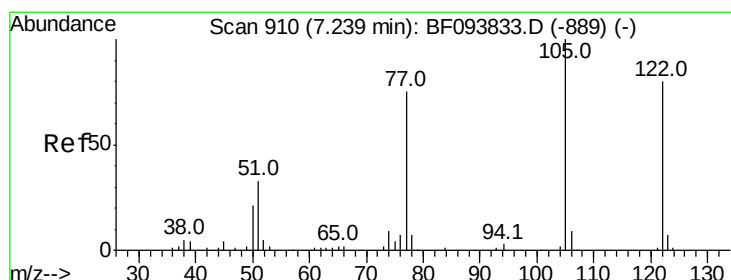
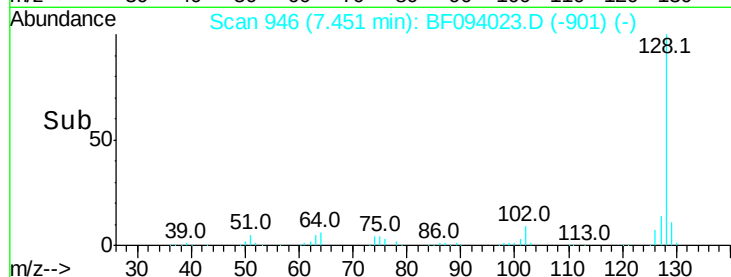
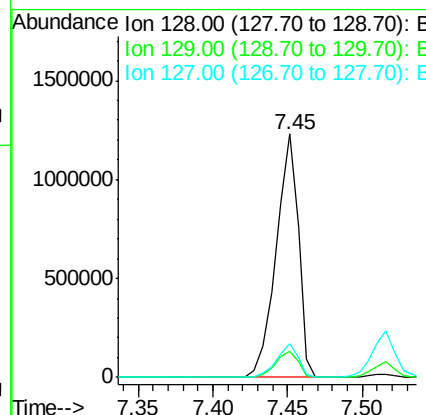
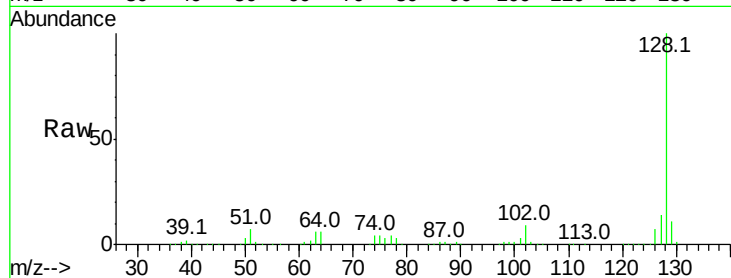
#31
Naphthalene
Concen: 43.82 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:128 Resp: 1270075
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.6 10.8 16.2

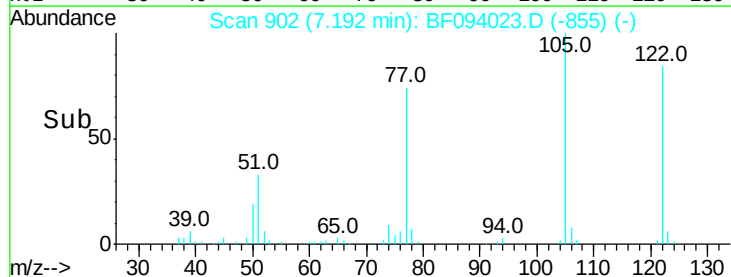
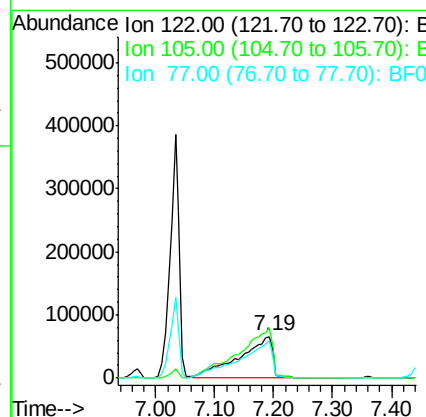
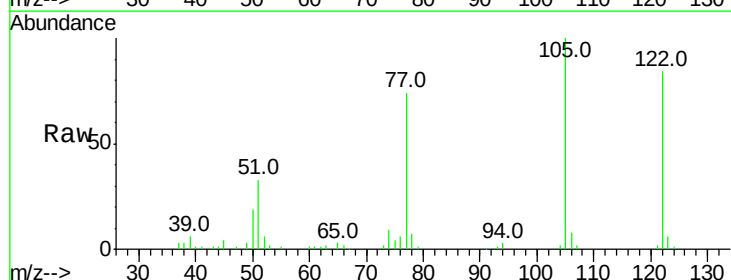
Manual Integrations
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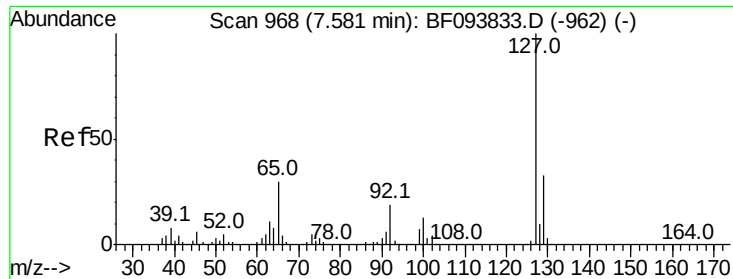
mohammad
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#32
Benzoic acid
Concen: 46.17 ng
RT: 7.19 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion:122 Resp: 263102
Ion Ratio Lower Upper
122 100
105 119.2 103.3 143.3
77 88.4 73.7 113.7





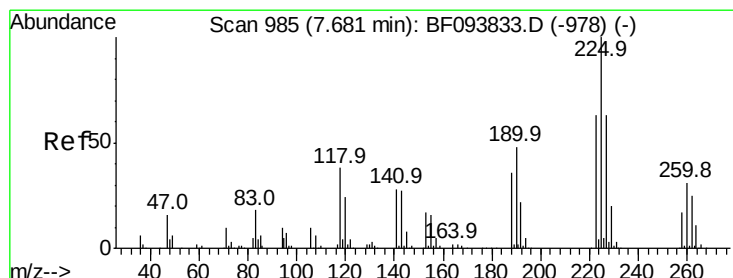
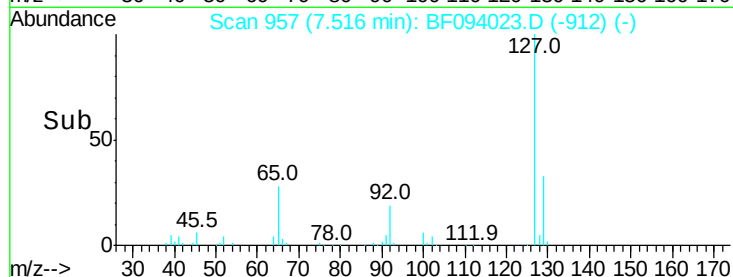
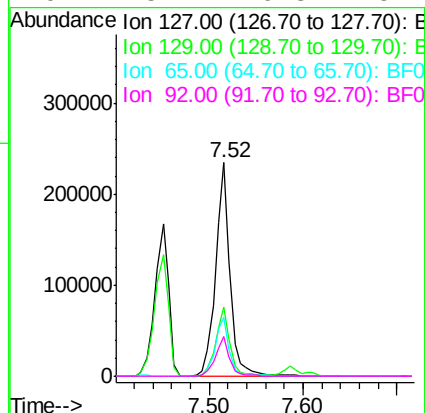
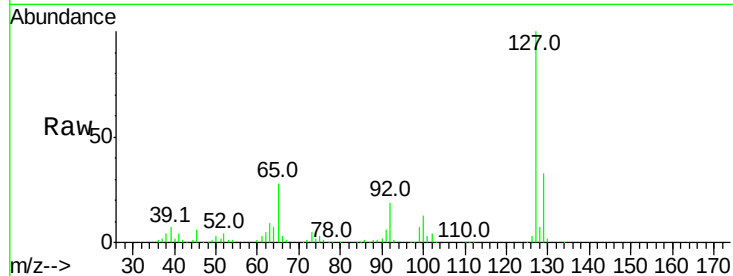
#33
4-Chloroaniline
Concen: 21.85 ng
RT: 7.52 min Scan# 957
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.8	27.8	41.8#
92	18.7	16.8	25.2

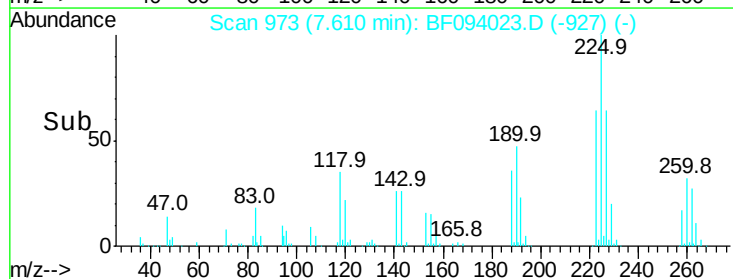
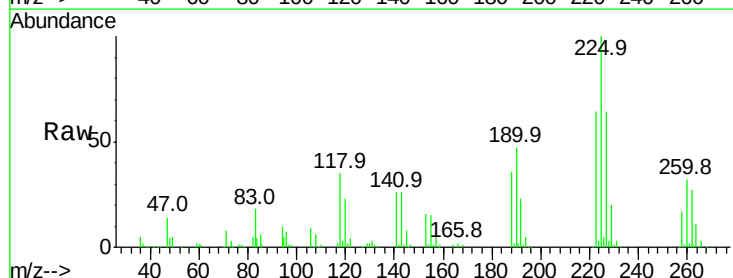
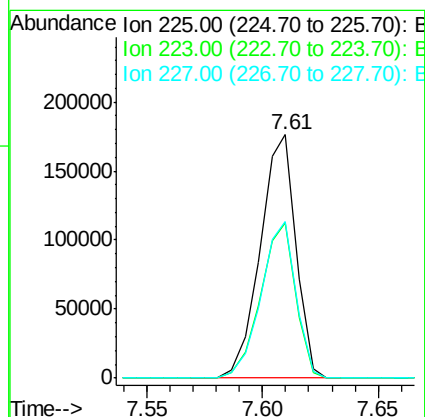
Manual Integrations
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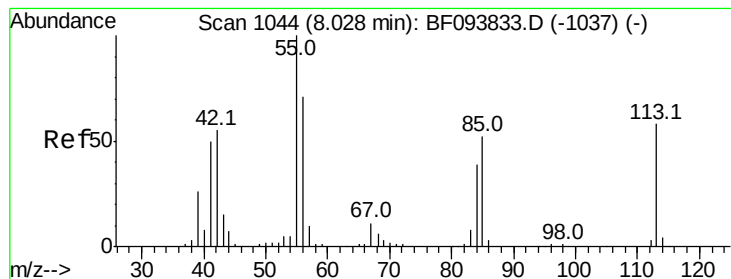
mohammad
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#34
Hexachlorobutadiene
Concen: 44.65 ng
RT: 7.61 min Scan# 973
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.6	48.8	73.2
227	64.4	51.1	76.7





#35

Caprolactam

Concen: 51.08 ng/mL

RT: 7.96 min Scan# 1033

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

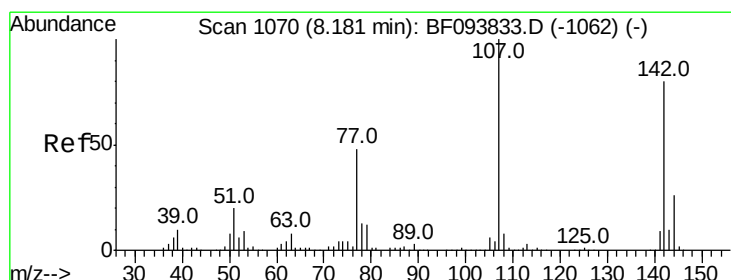
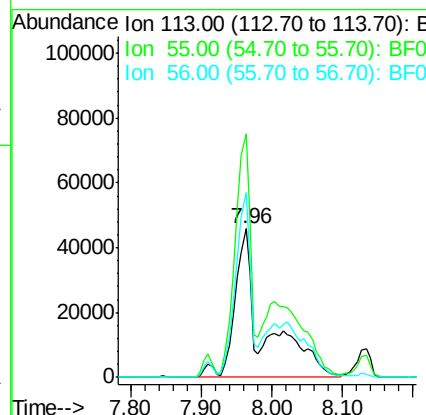
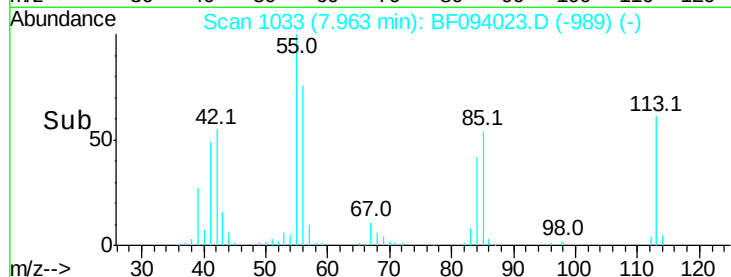
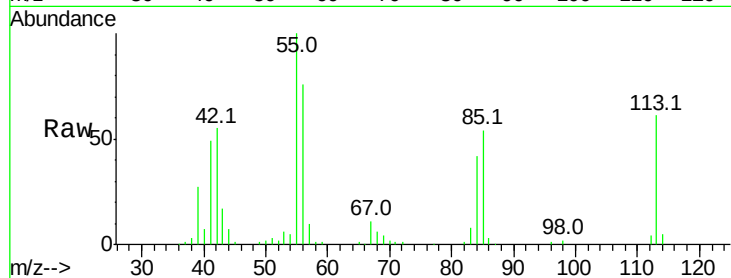
ClientSampleID :

PB97900BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	164.0	150.2	190.2
56	124.0	107.8	147.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 49.55 ng/mL

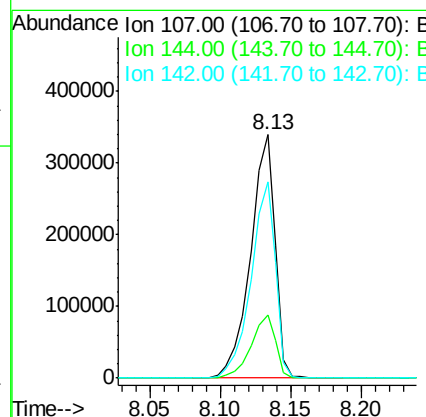
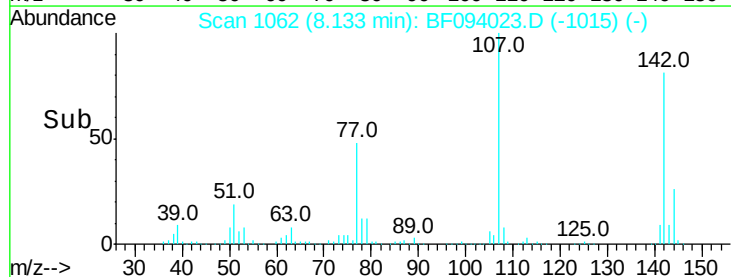
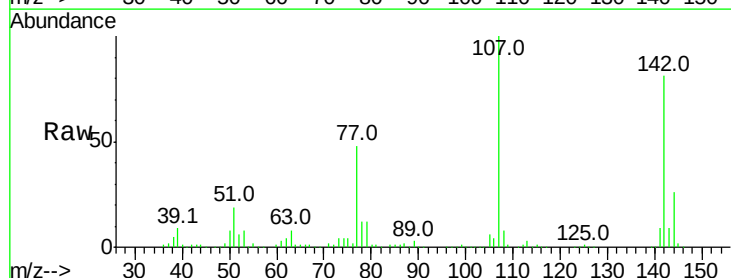
RT: 8.13 min Scan# 1062

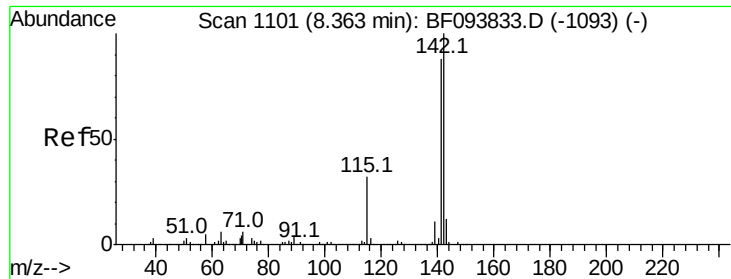
Delta R.T. -0.02 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	24.2	36.4
142	80.6	73.4	110.0





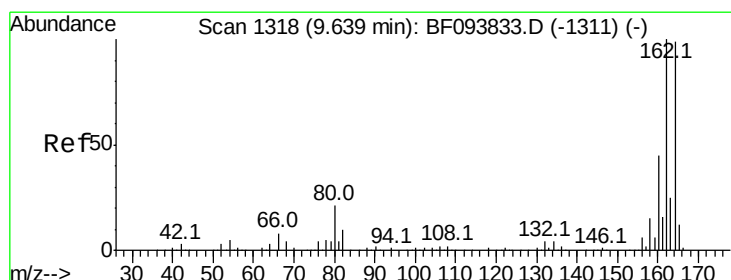
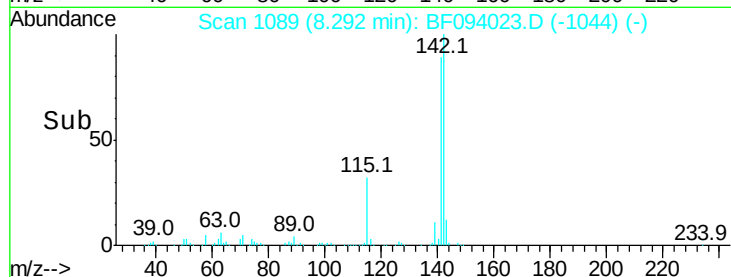
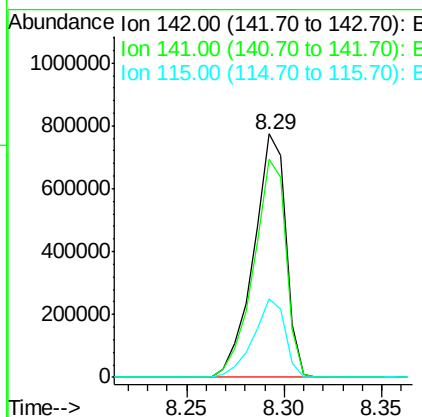
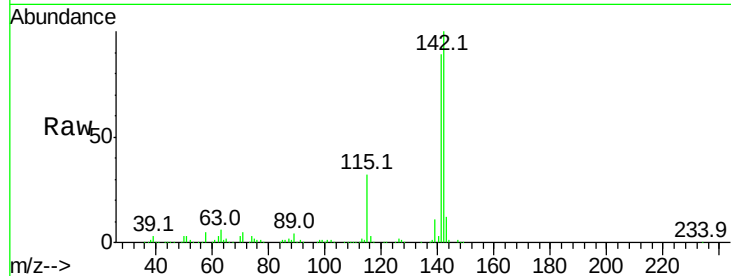
#37
2-Methylnaphthalene
Concen: 45.88 ng
RT: 8.29 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	32.5	27.1	40.7

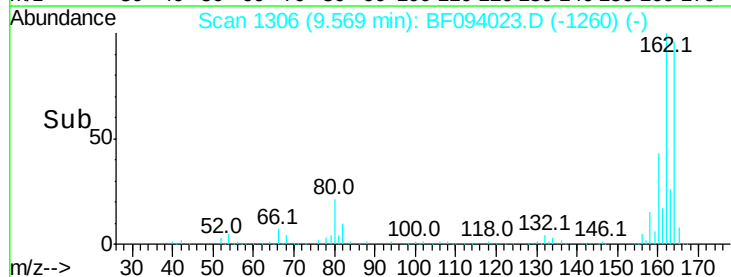
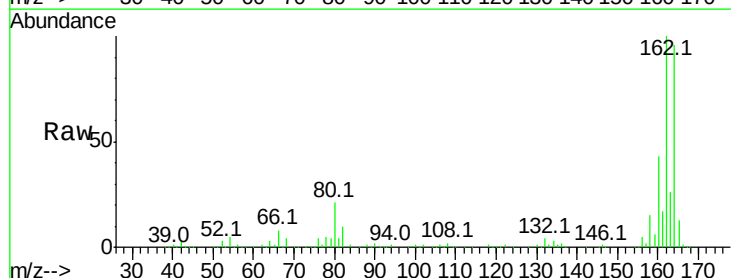
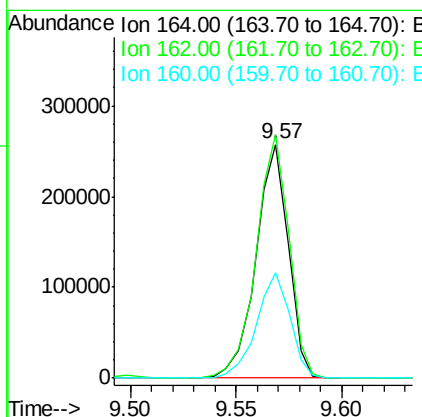
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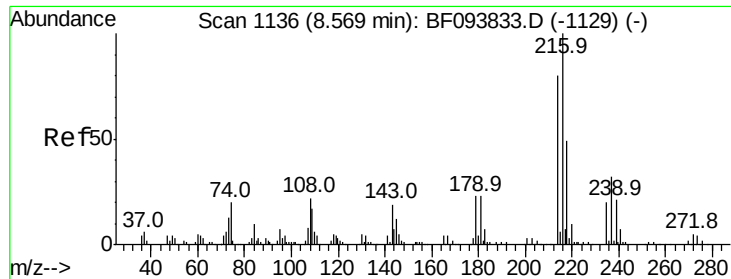
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	45.3	36.2	54.2





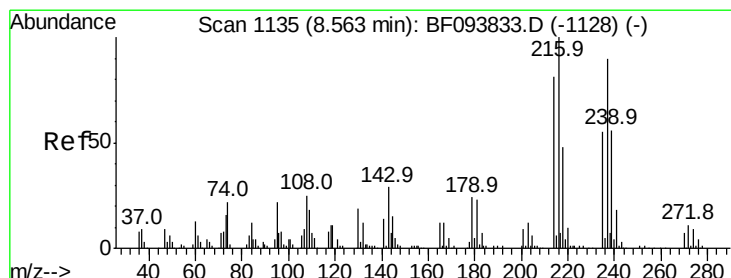
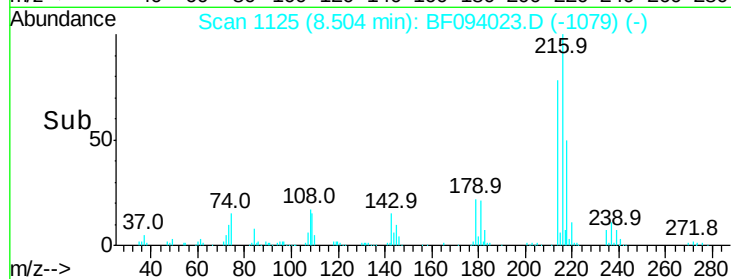
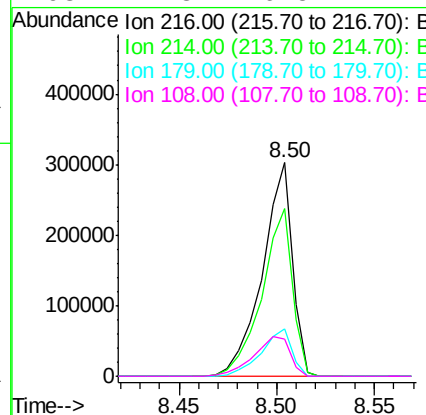
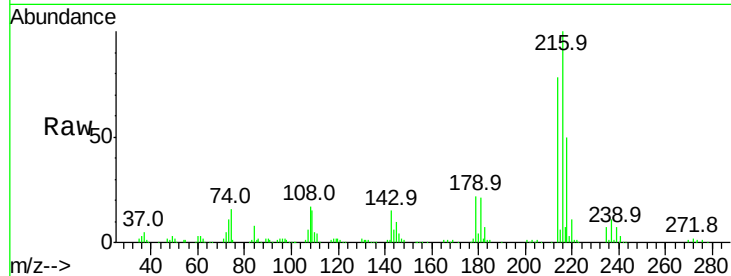
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.93 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	322334		
214	79.8	63.4	95.2	
179	22.4	17.9	26.9	
108	22.3	16.5	24.7	

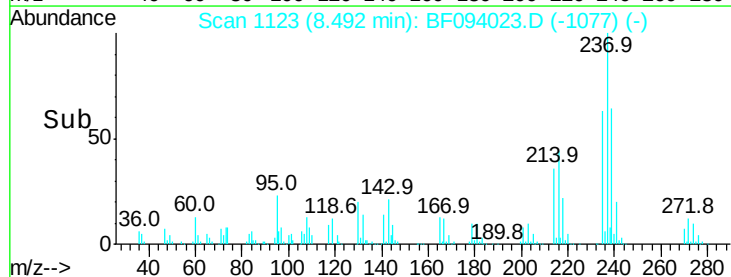
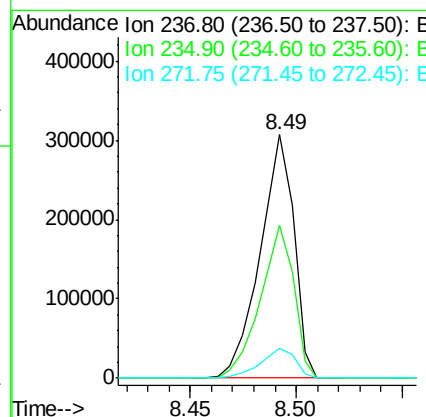
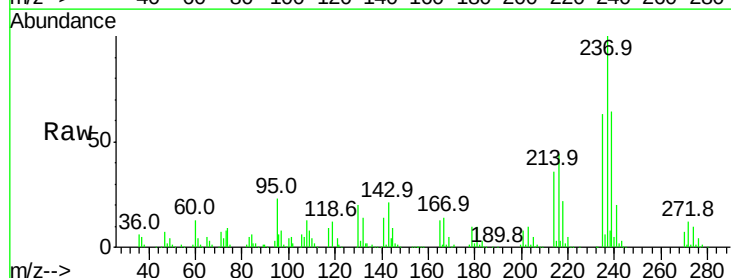
Manual Integrations
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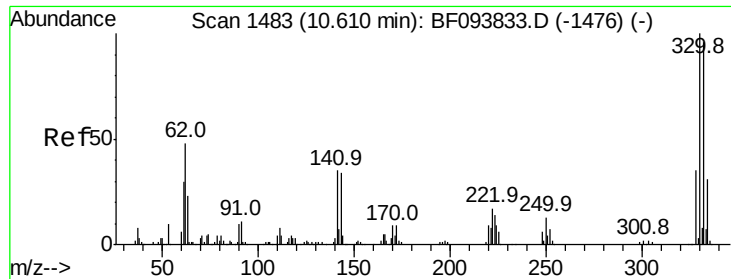
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 97.29 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	341843		
235	62.8	42.6	82.6	
272	12.4	0.0	31.9	





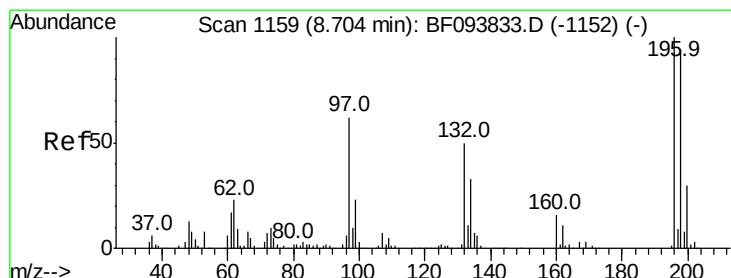
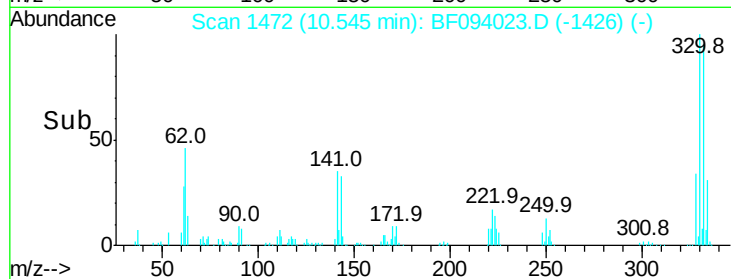
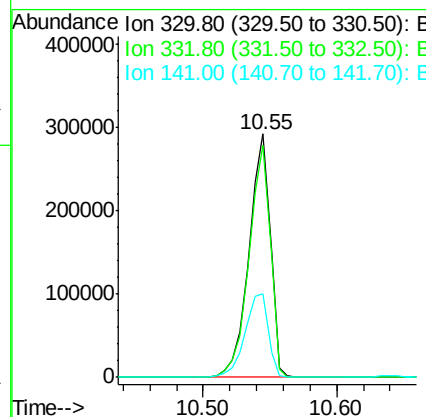
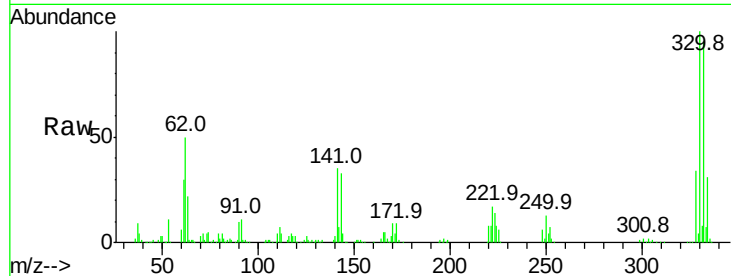
#41
 2,4,6-Tribromophenol
 Concen: 147.79 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	320544		
332	95.4	76.6	115.0	
141	37.9	31.4	47.2	

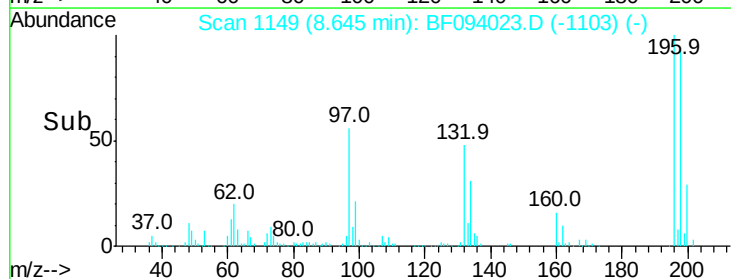
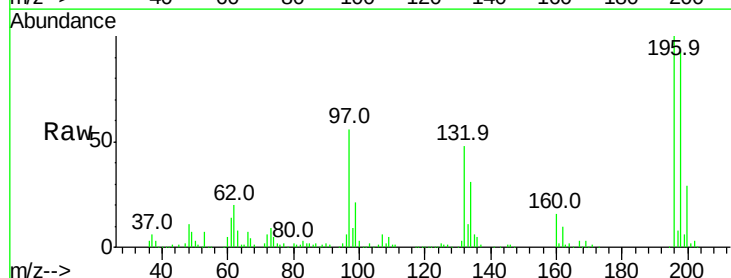
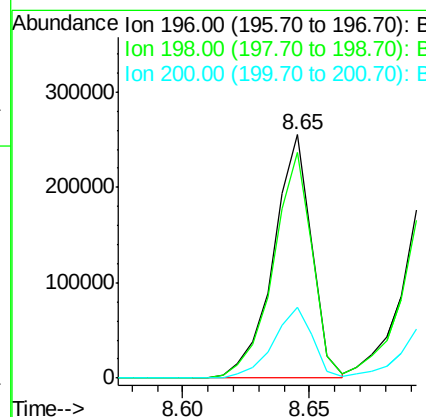
Manual Integrations
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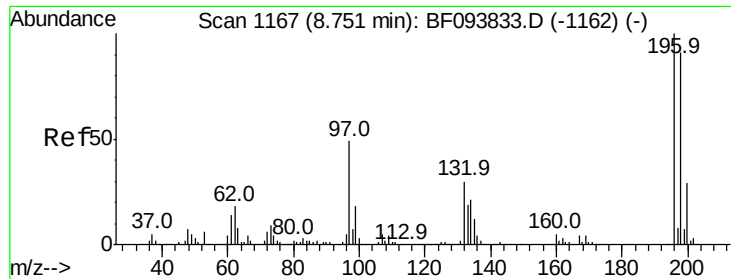
mohammad
 3/30/2017 2:31:31 PM



#42
 2,4,6-Trichlorophenol
 Concen: 50.85 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270127		
198	92.8	74.2	111.4	
200	29.3	24.0	36.0	





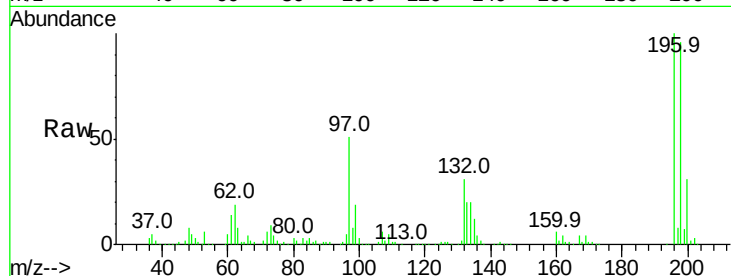
#43
2,4,5-Trichlorophenol
Concen: 47.95 ng
RT: 8.70 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

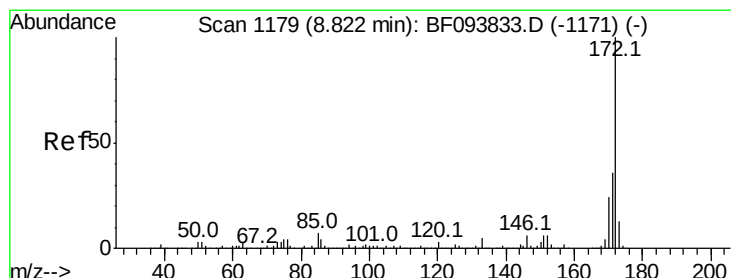
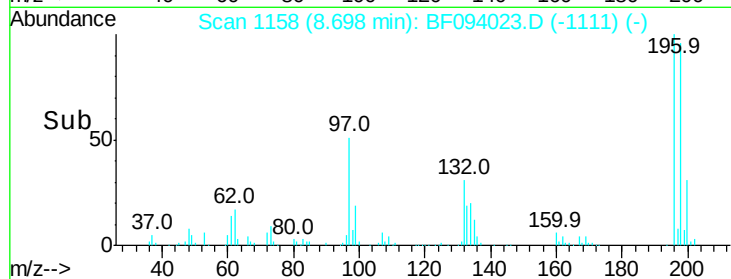
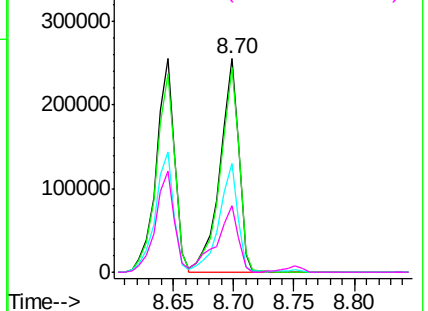
Tot Ion	196	Resp	275608
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.7	113.5
97	50.8	47.7	71.5
132	31.1	28.0	42.0

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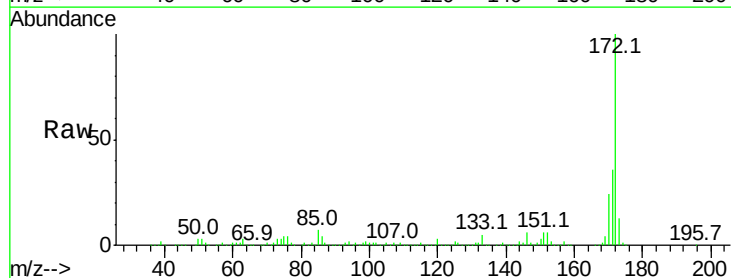


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

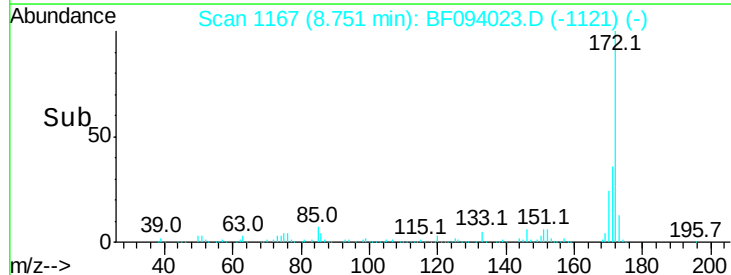
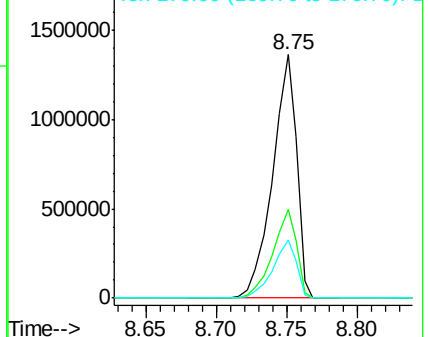


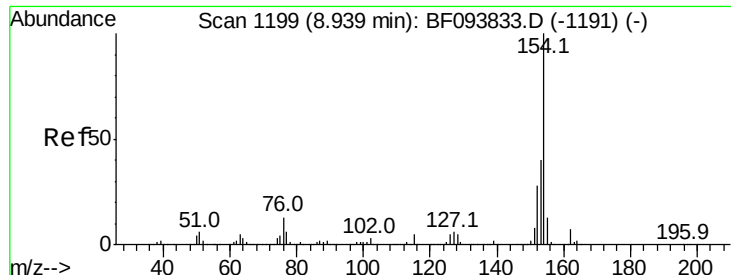
#44
2-Fluorobiphenyl
Concen: 90.39 ng
RT: 8.75 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	172	Resp	1626551
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	23.9	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: 45.25 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

ClientSampleId :

PB97900BS

Tot Ion:154 Resp: 1001762

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

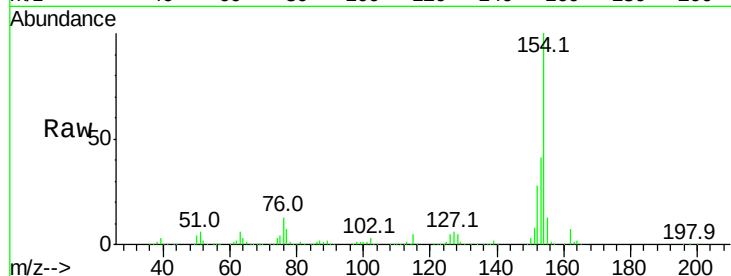
76 13.2 0.0 29.9

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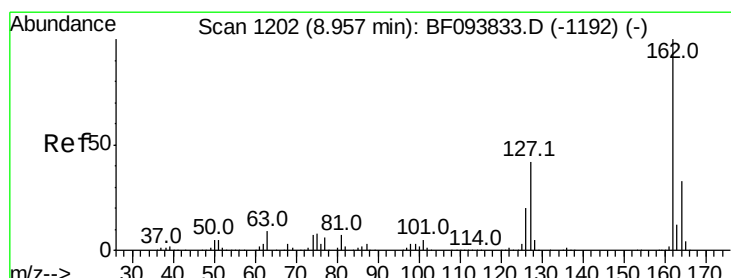
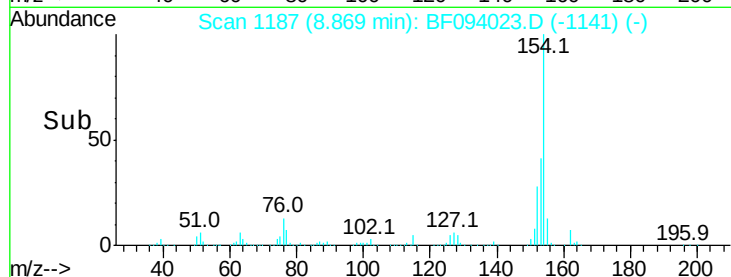
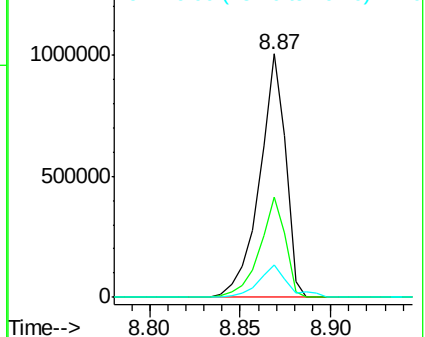
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.86 ng

RT: 8.89 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

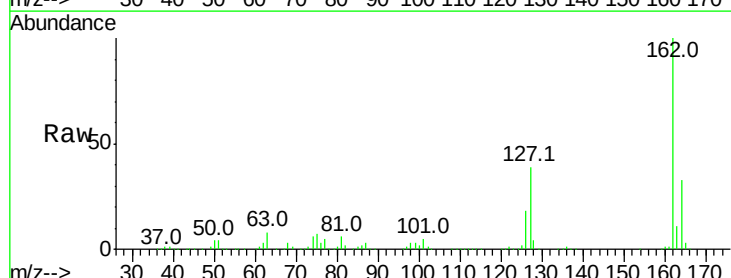
Tgt Ion:162 Resp: 794776

Ion Ratio Lower Upper

162 100

127 39.2 28.3 42.5

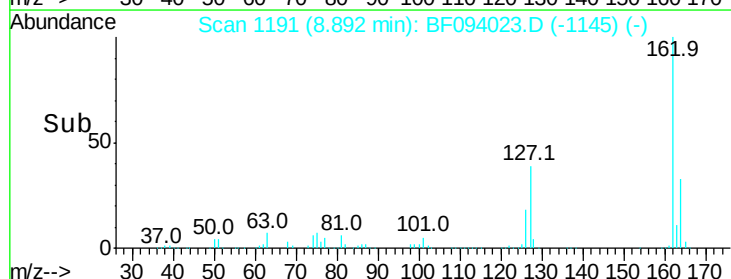
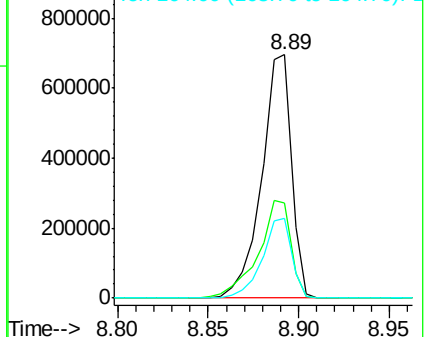
164 33.0 27.0 40.4

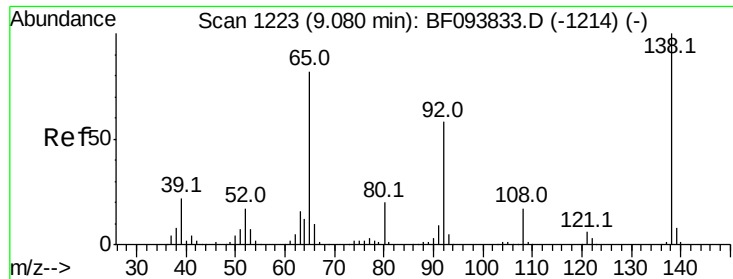


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





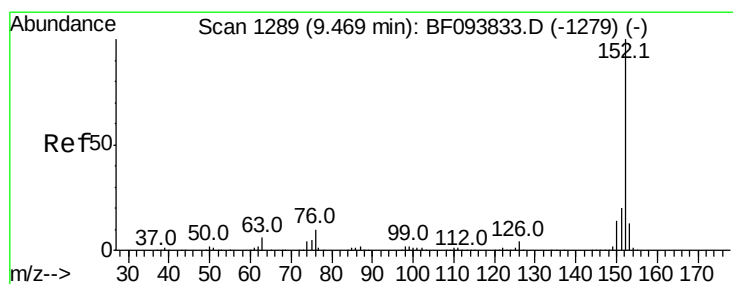
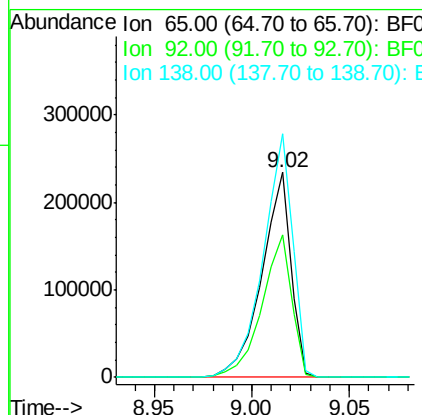
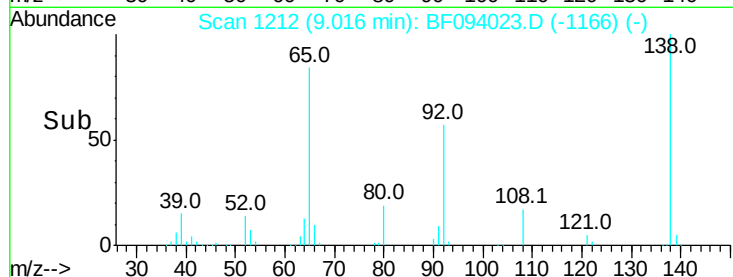
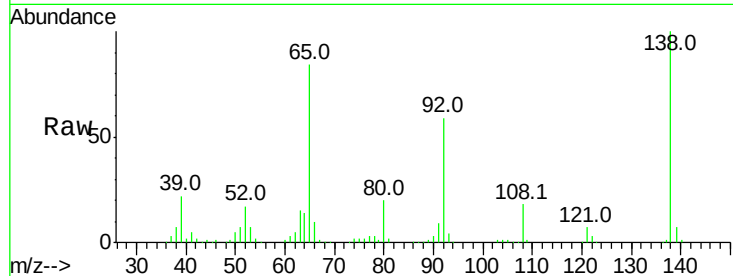
#47
2-Nitroaniline
Concen: 47.40 ng
RT: 9.02 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.9	80.9
138	118.9	78.8	118.2#

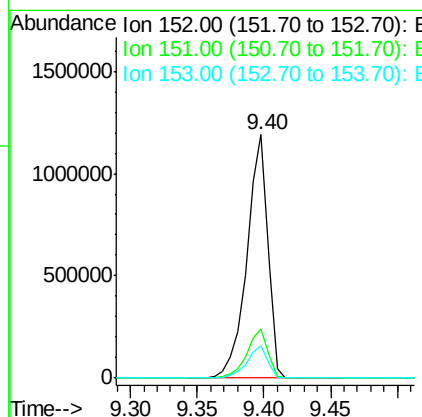
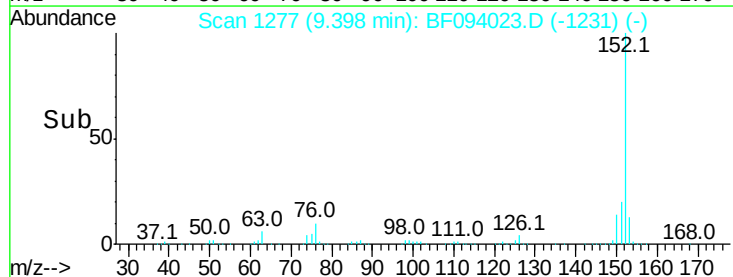
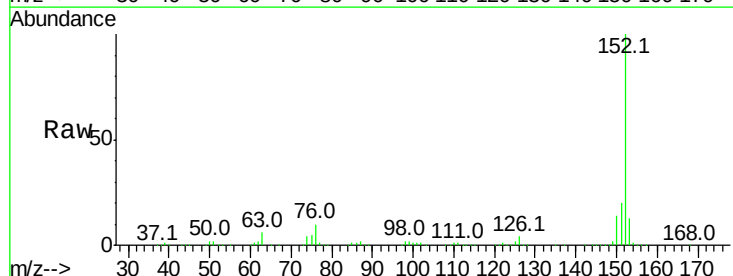
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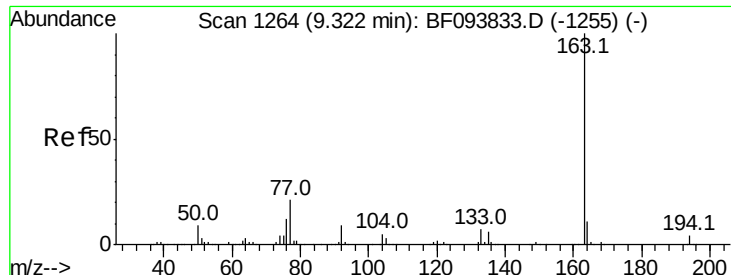
mohammad
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#48
Acenaphthylene
Concen: 44.10 ng
RT: 9.40 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	13.1	10.8	16.2





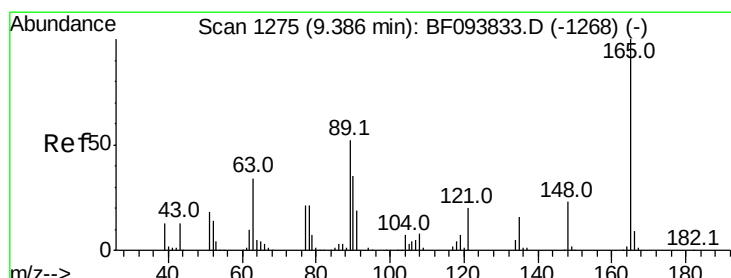
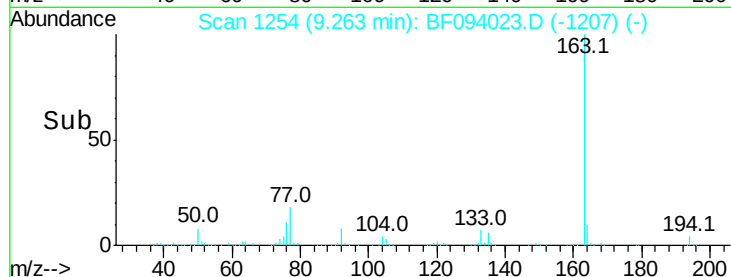
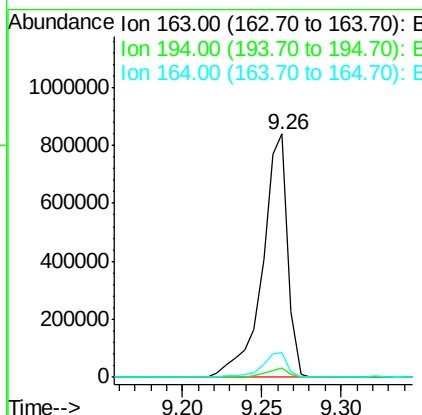
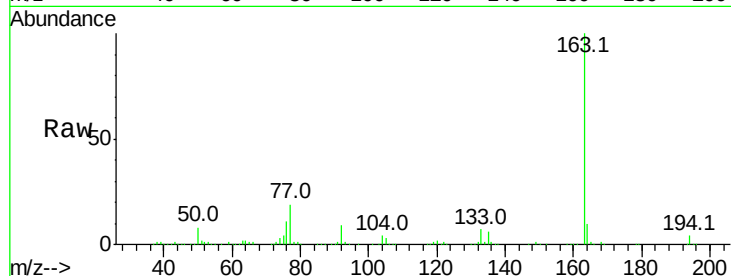
#49
Dimethylphthalate
Concen: 47.70 ng
RT: 9.26 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.6	4.0	
164	10.3	8.4	12.6	

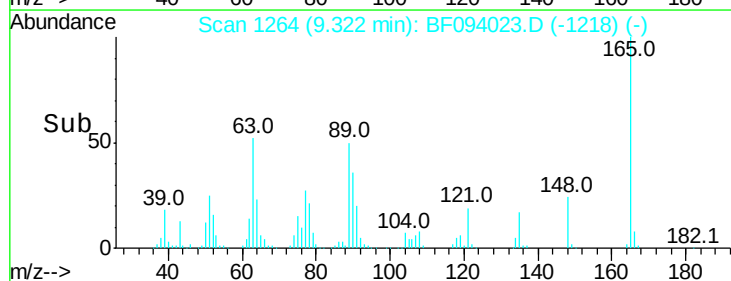
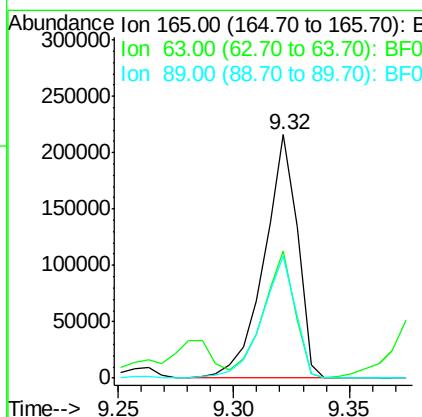
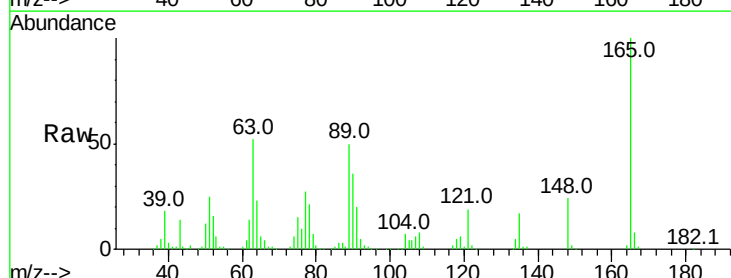
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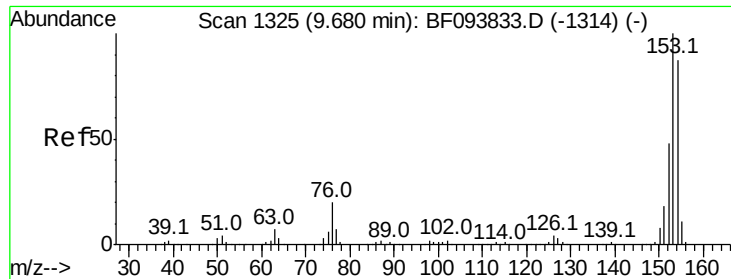
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#50
2,6-Dinitrotoluene
Concen: 48.34 ng
RT: 9.32 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.2	34.3	51.5#	
89	50.1	37.1	55.7	





#51

Acenaphthene

Concen: 44.56 ng

RT: 9.61 min Scan# 1313

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

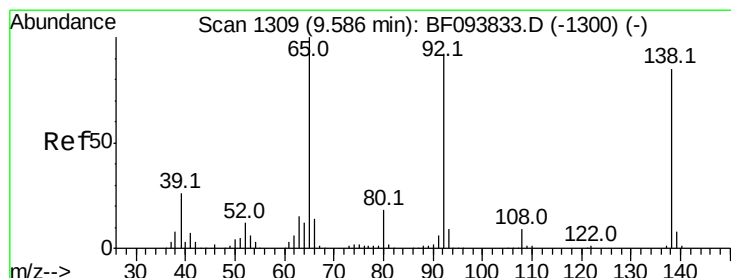
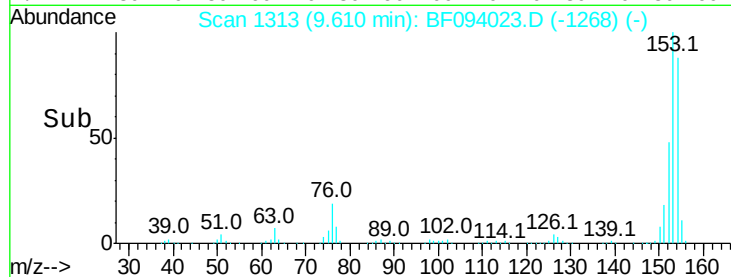
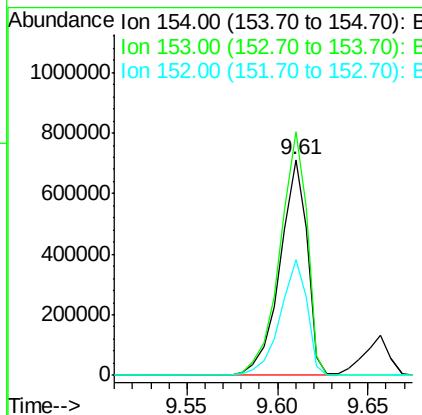
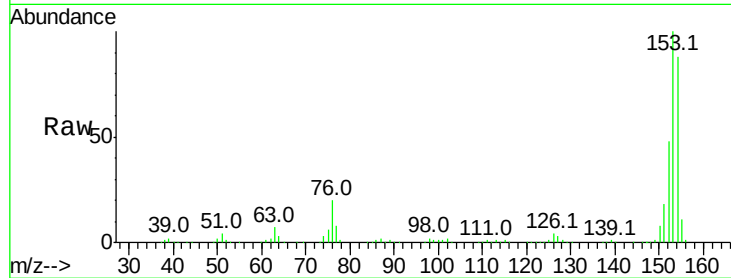
ClientSampleId :

PB97900BS

Tot Ion:	154	Resp:	748953
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.5	135.7
152	53.7	43.6	65.4

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#52

3-Nitroaniline

Concen: 27.87 ng

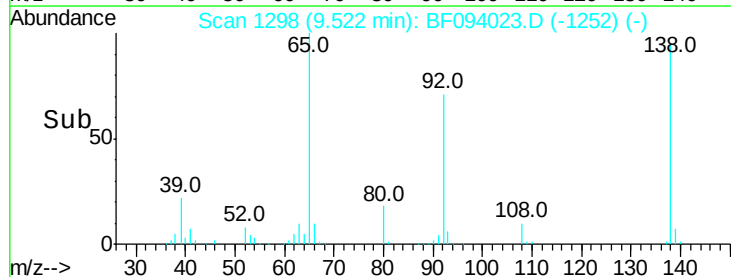
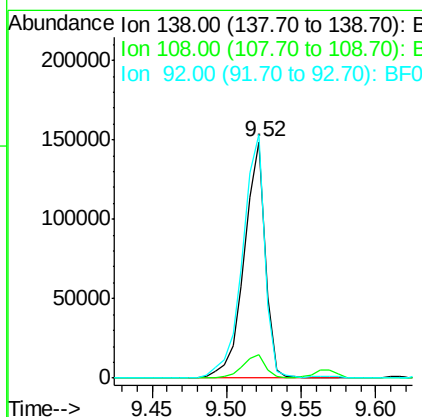
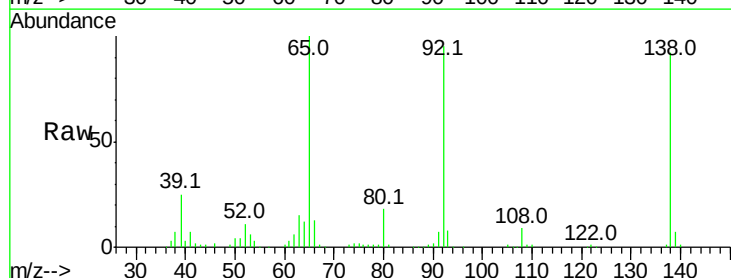
RT: 9.52 min Scan# 1298

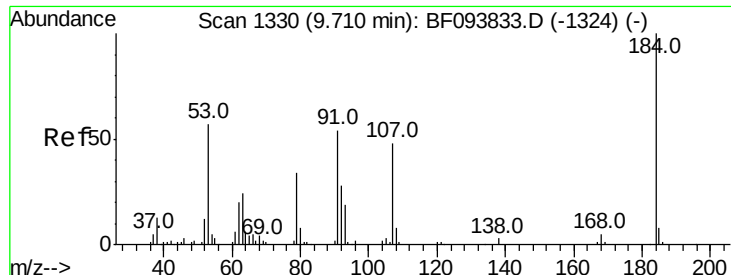
Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion:	138	Resp:	146391
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.1	13.7
92	102.9	93.8	140.6





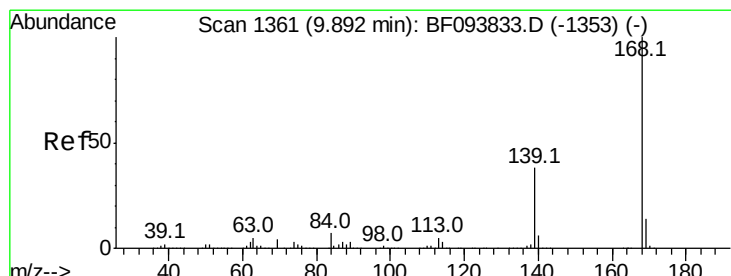
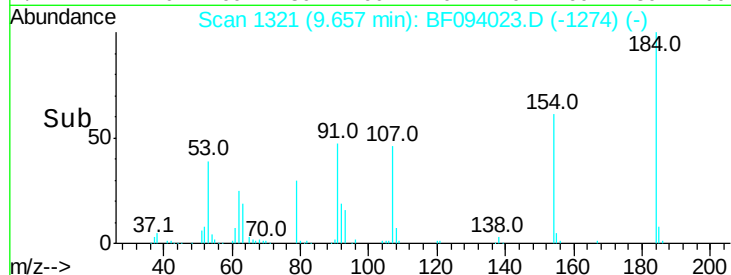
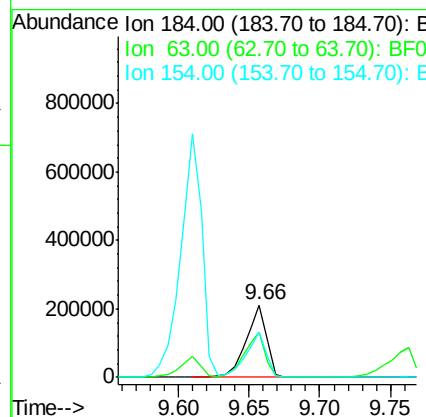
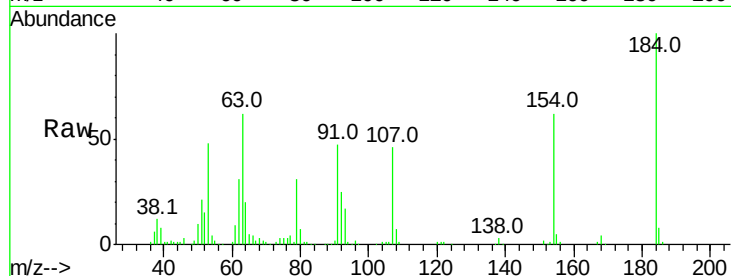
#53
 2,4-Dinitrophenol
 Concen: 89.07 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion:	184	Resp:	214526
Ion Ratio	Lower	Upper	
184	100		
63	62.4	62.7	94.1#
154	61.8	81.1	121.7#

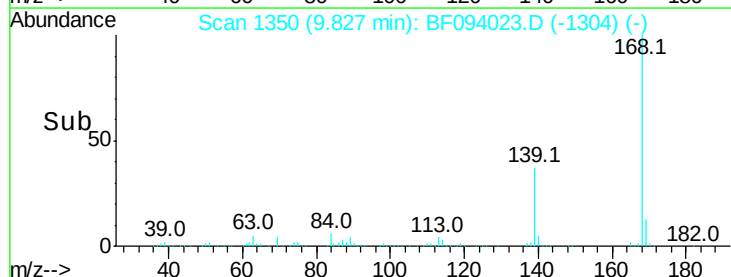
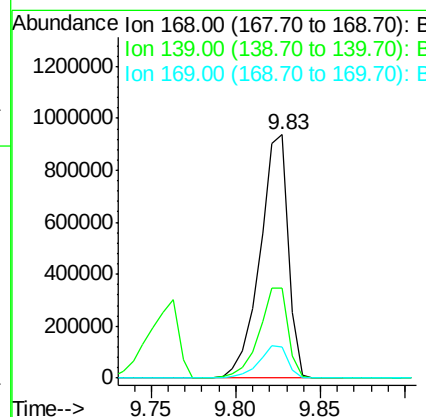
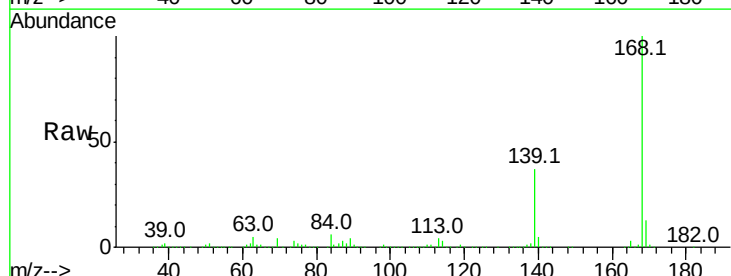
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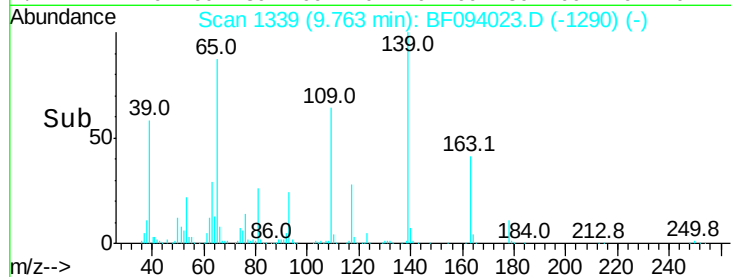
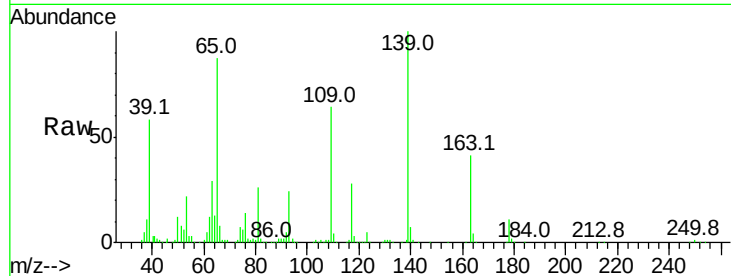
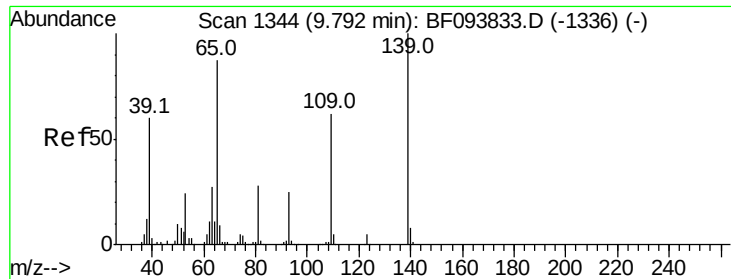
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#54
 Dibenzofuran
 Concen: 47.52 ng
 RT: 9.83 min Scan# 1350
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion:	168	Resp:	1087195
Ion Ratio	Lower	Upper	
168	100		
139	37.1	30.6	45.8
169	12.9	10.8	16.2





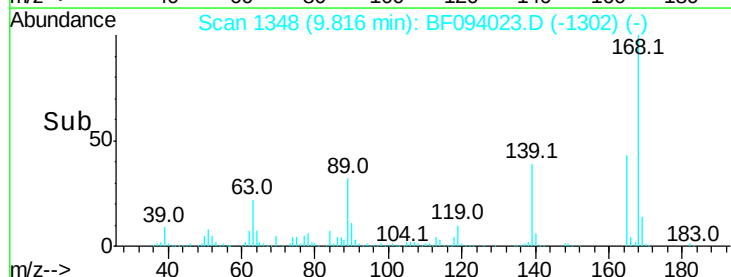
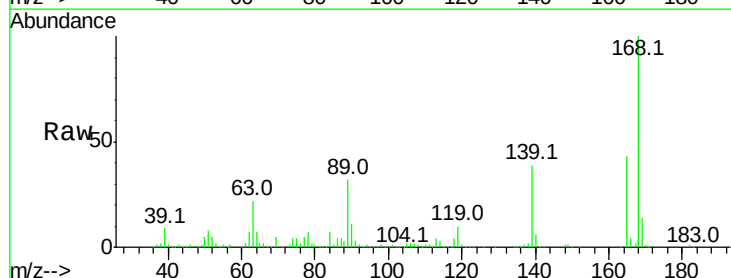
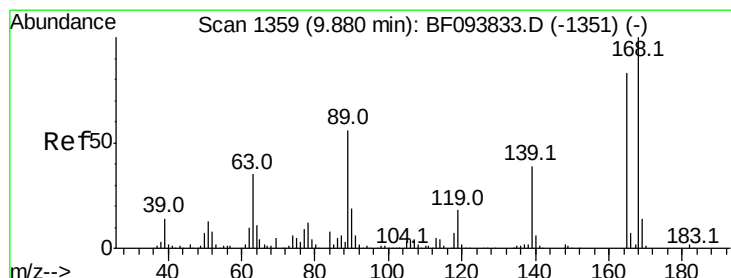
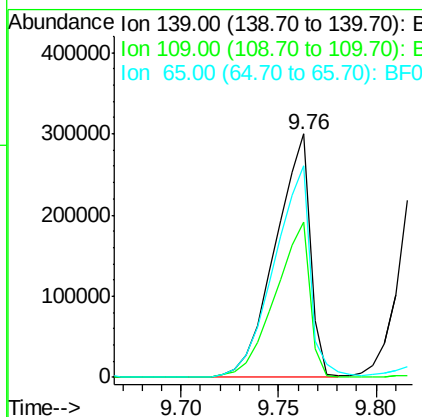
#55
4-Nitrophenol
Concen: 90.75 ng
RT: 9.76 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.6	34.1	74.1	
65	87.0	31.4	71.4	

Instrument :
BNA_F
ClientSampleId :
PB97900BS

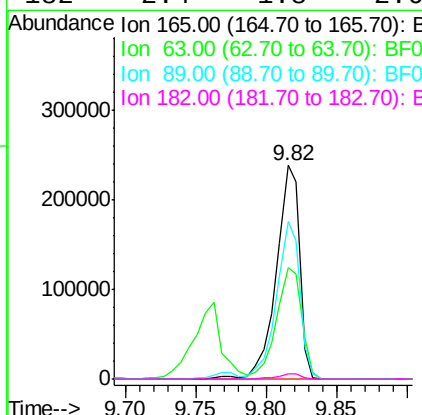
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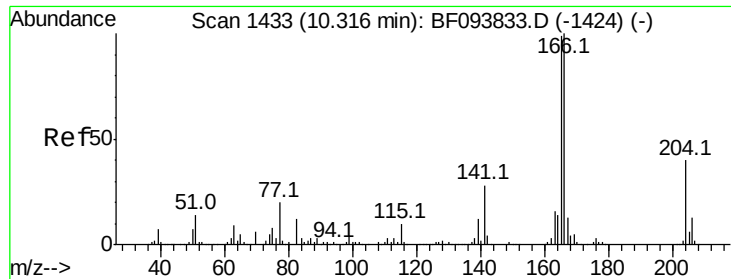
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#56
2,4-Dinitrotoluene
Concen: 48.62 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.0	25.4	38.0	
89	73.9	46.4	69.6	
182	2.4	1.8	2.6	





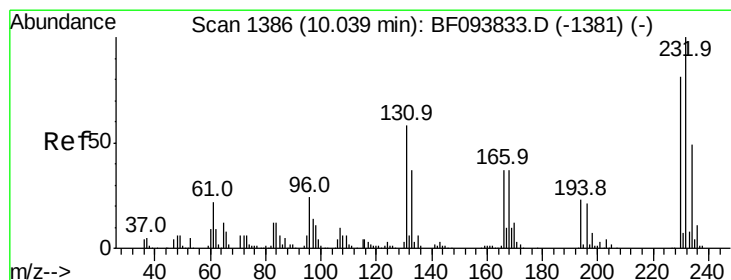
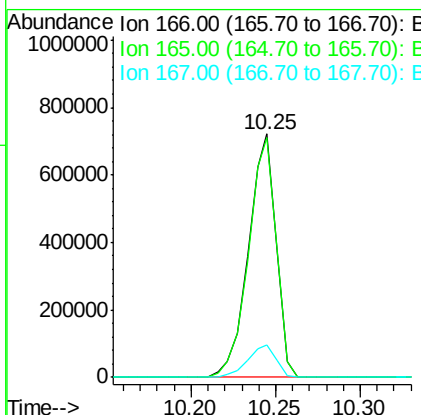
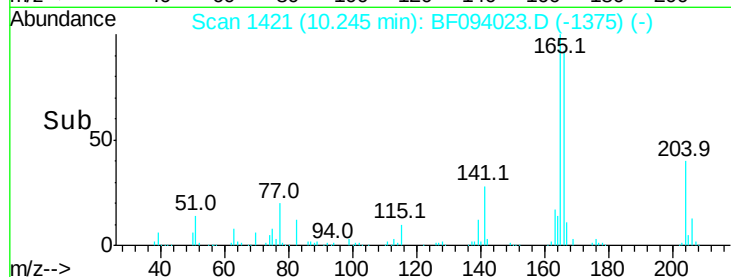
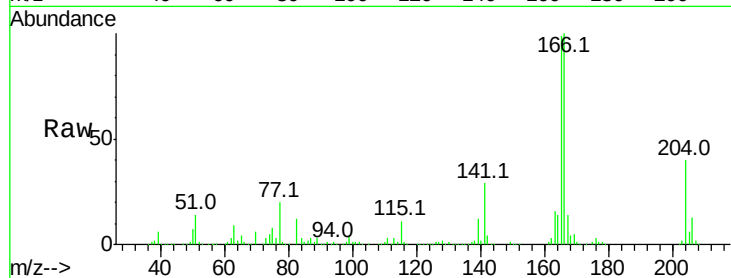
#57
Fluorene
 Concen: 43.29 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	78.8	118.2	
167	13.5	10.6	16.0	

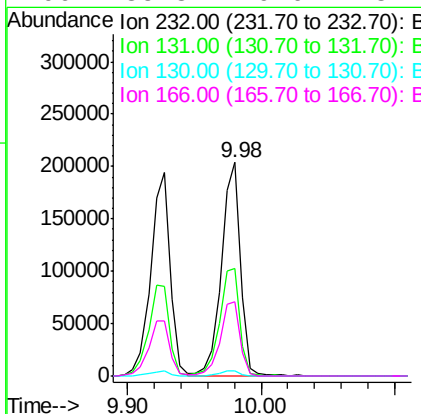
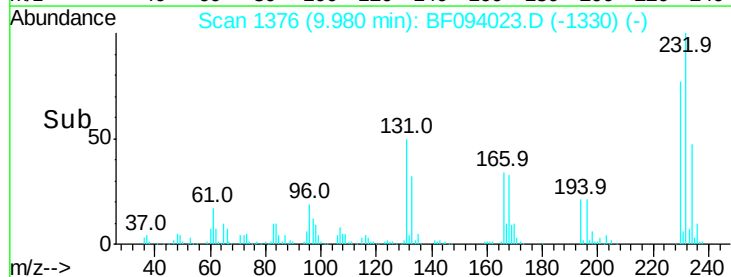
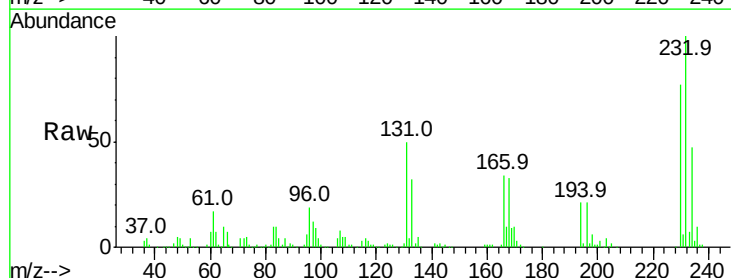
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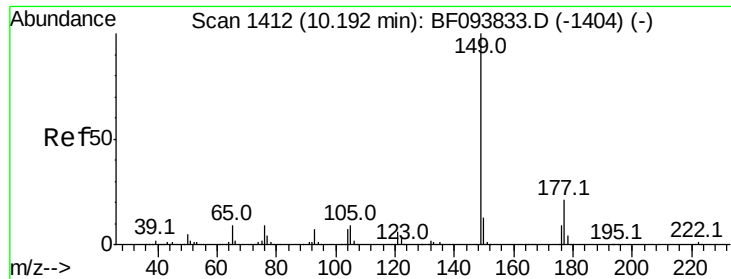
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.37 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.2	44.8	67.2	
130	2.5	2.3	3.5	
166	35.8	29.0	43.4	





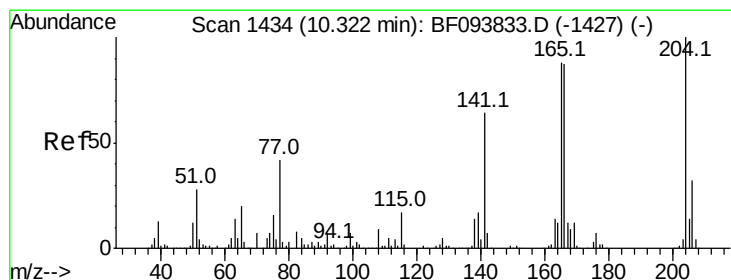
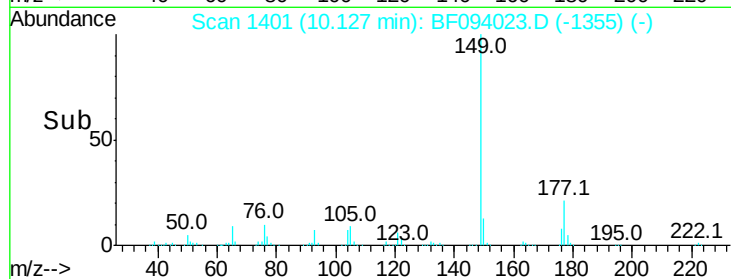
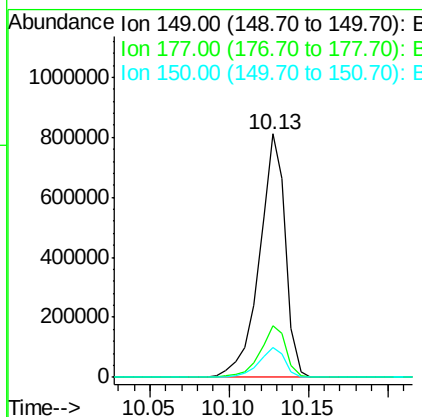
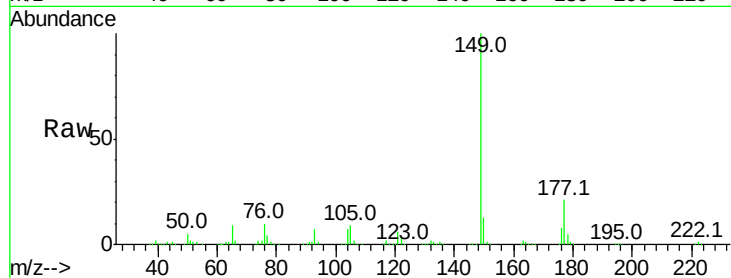
#59
 Diethylphthalate
 Concen: 47.83 ng
 RT: 10.13 min Scan# 1401
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampled :
 PB97900BS

Tot Ion:	149	Resp:	922287
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.7	25.1
150	12.5	10.2	15.2

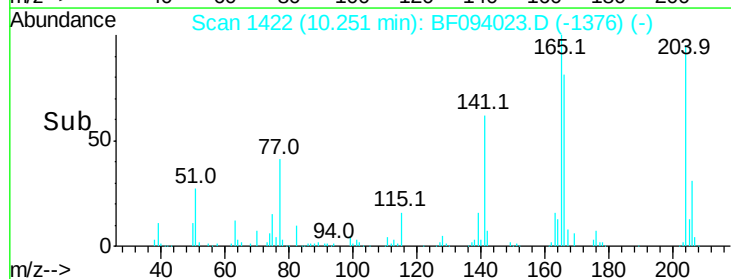
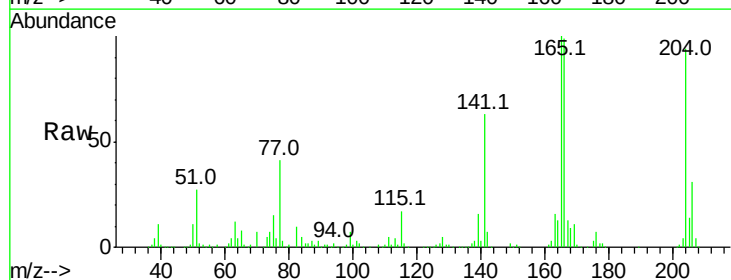
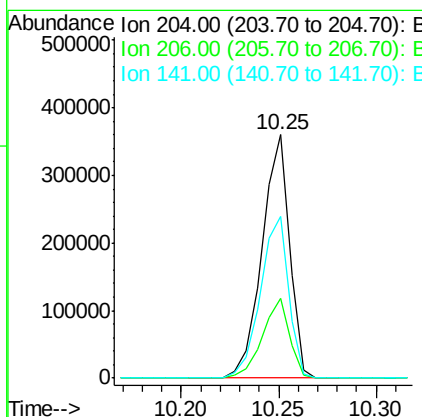
Manual Integrations
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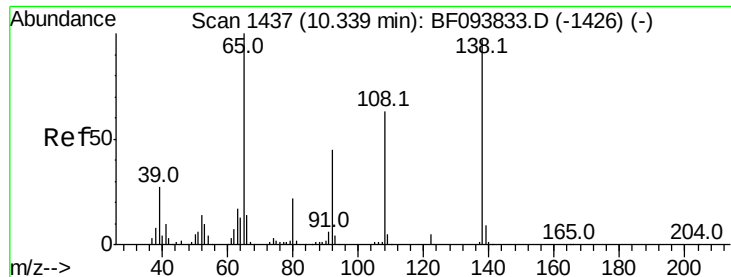
mohammad
 3/30/2017 2:31:31 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 43.57 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion:	204	Resp:	352171
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.2	39.2
141	66.6	60.8	91.2





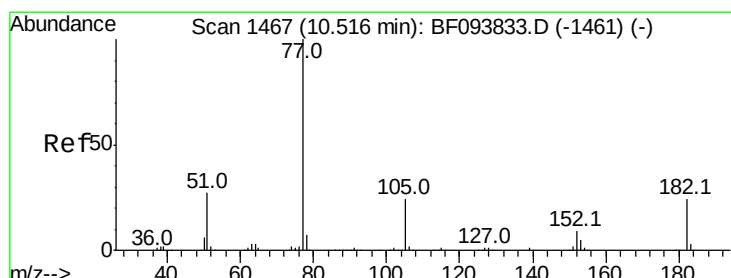
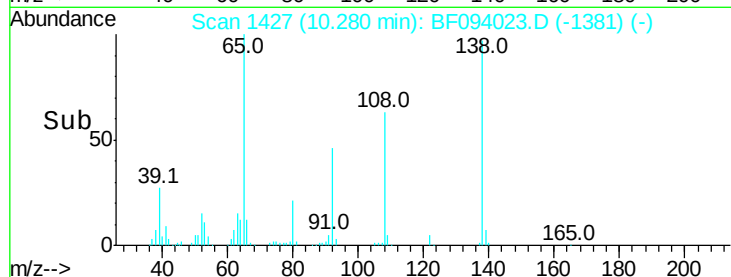
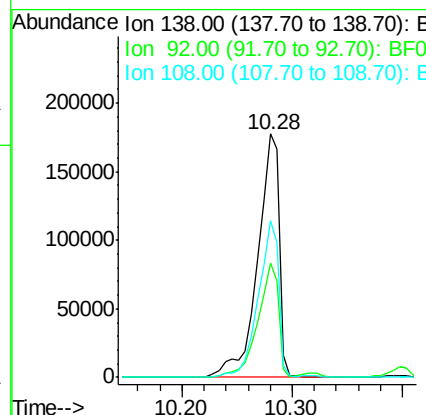
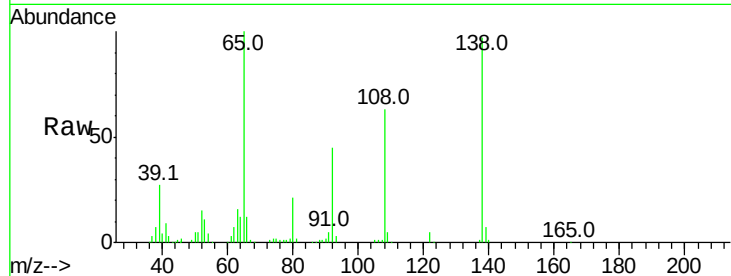
#61
4-Nitroaniline
Concen: 48.46 ng
RT: 10.28 min Scan# 1427
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.7	21.8	61.8
108	64.3	42.3	82.3

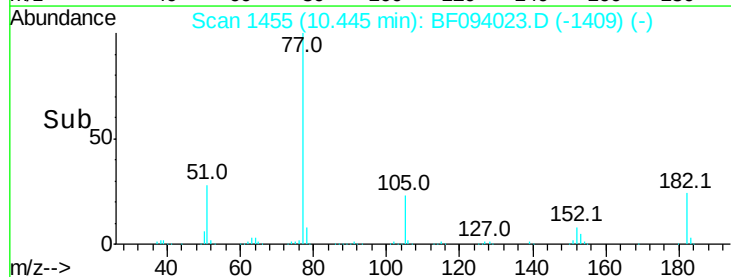
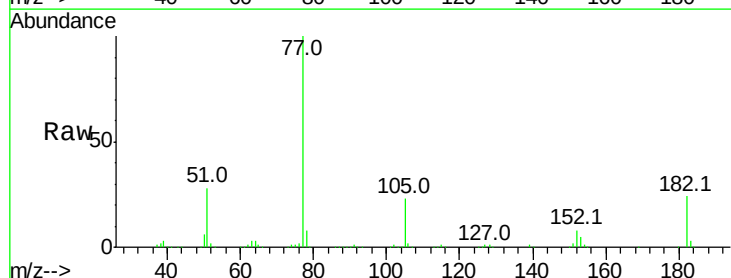
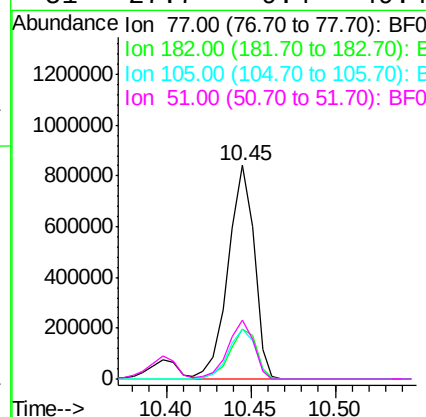
Manual Integrations
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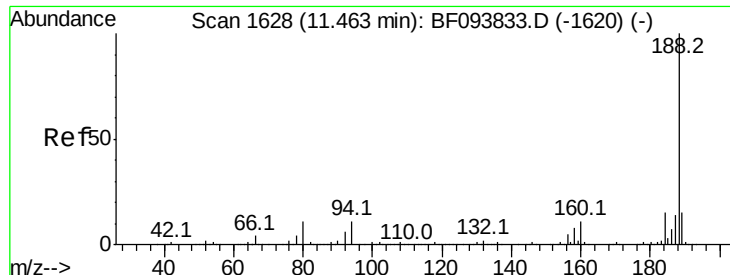
mohammad
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#62
Azobenzene
Concen: 49.32 ng
RT: 10.45 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	0.1	40.1
105	23.5	3.6	43.6
51	27.7	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1616

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

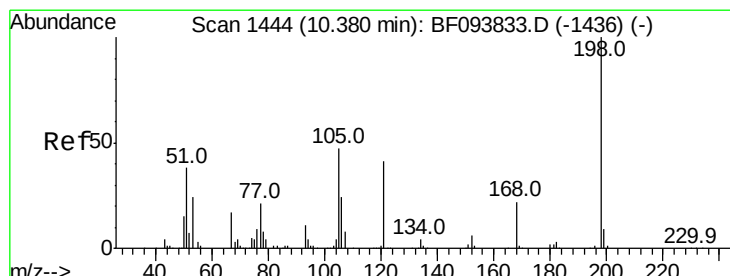
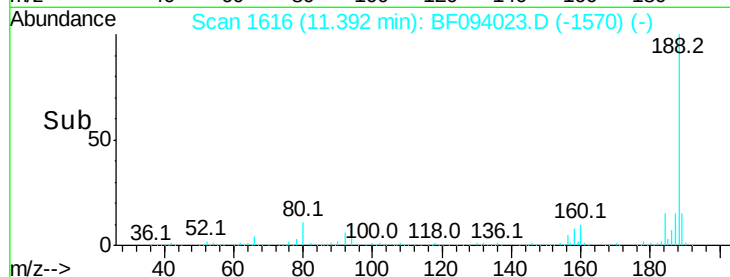
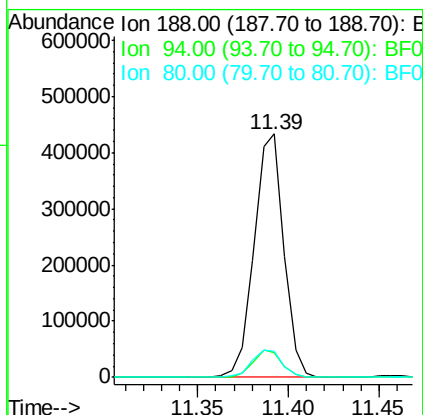
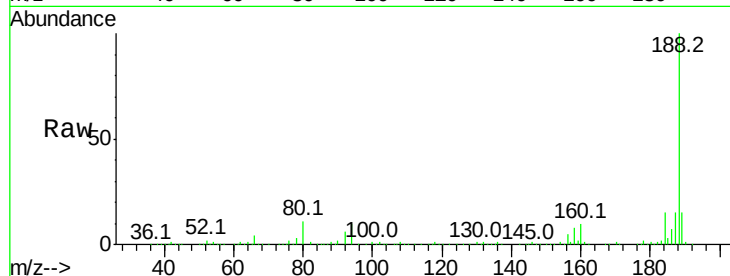
ClientSampleId :

PB97900BS

Tot Ion:	188	Resp:	491703
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.4	14.2
80	10.6	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 48.93 ng

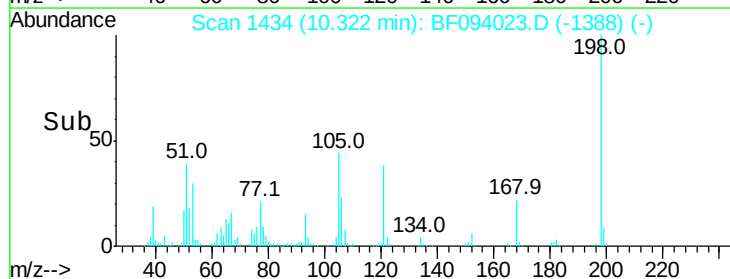
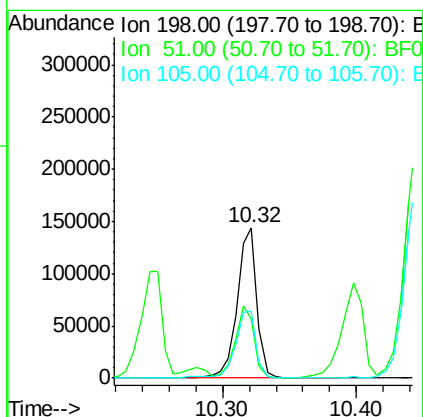
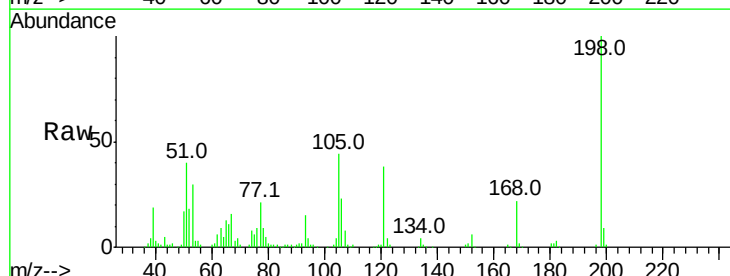
RT: 10.32 min Scan# 1434

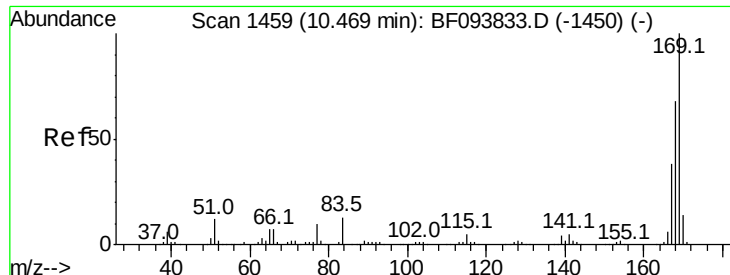
Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion:	198	Resp:	147357
Ion Ratio	Lower	Upper	
198	100		
51	39.7	53.2	93.2#
105	44.2	45.8	85.8#





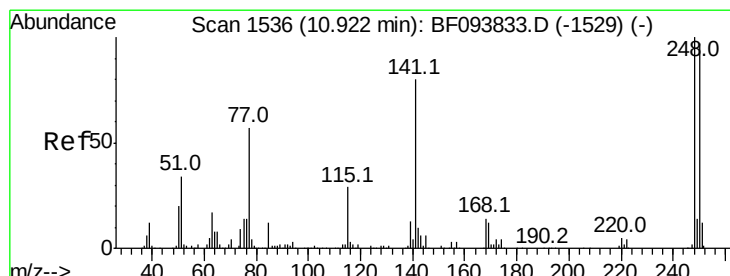
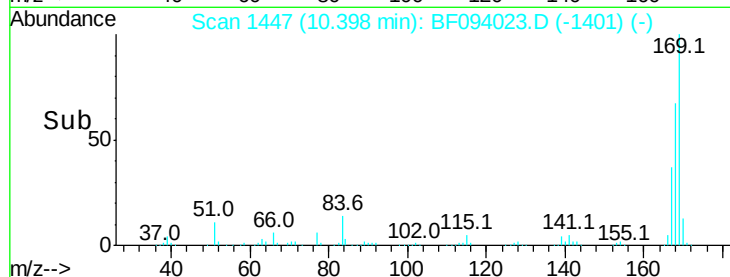
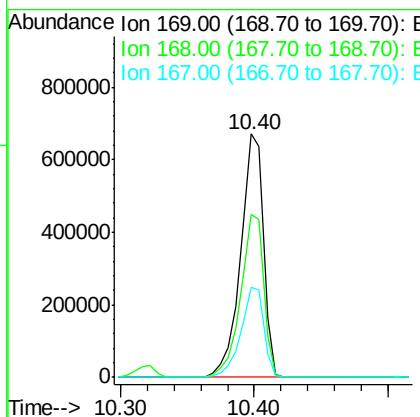
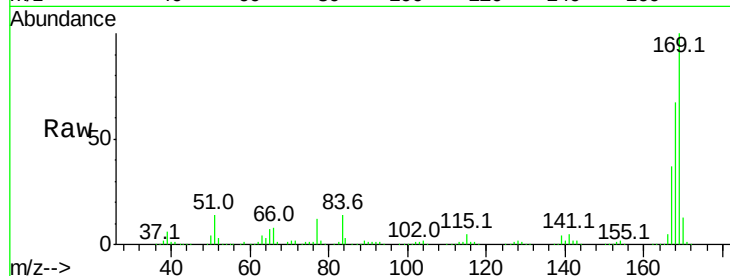
#65
n-Nitrosodiphenylamine
Concen: 46.45 ng
RT: 10.40 min Scan# 1447
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	789907		
168	67.1	53.2	79.8	
167	36.8	29.5	44.3	

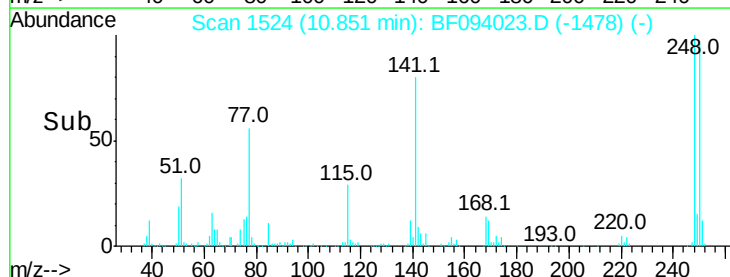
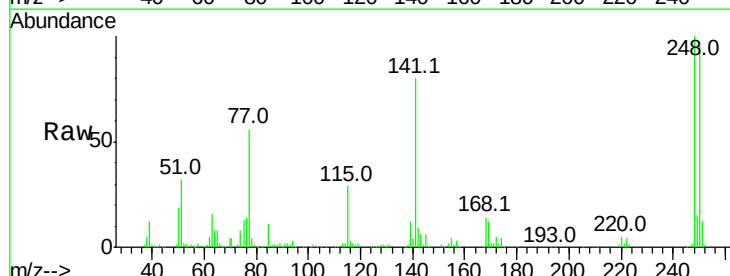
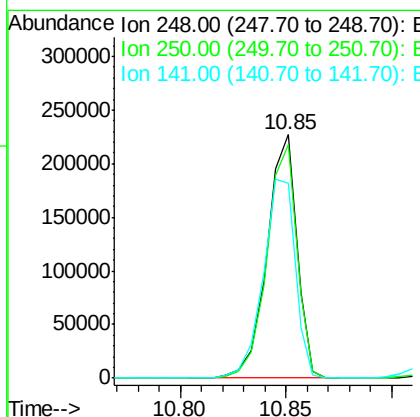
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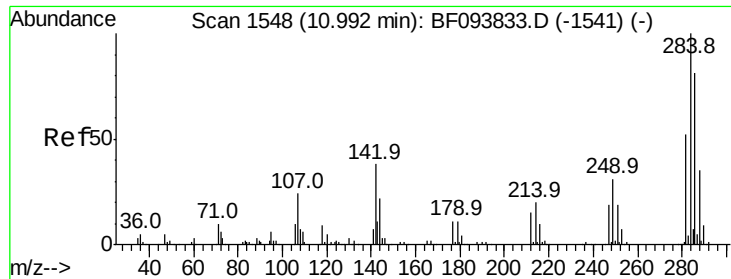
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#66
4-Bromophenyl-phenylether
Concen: 46.25 ng
RT: 10.85 min Scan# 1524
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	223656		
250	95.9	76.8	115.2	
141	80.1	68.6	103.0	





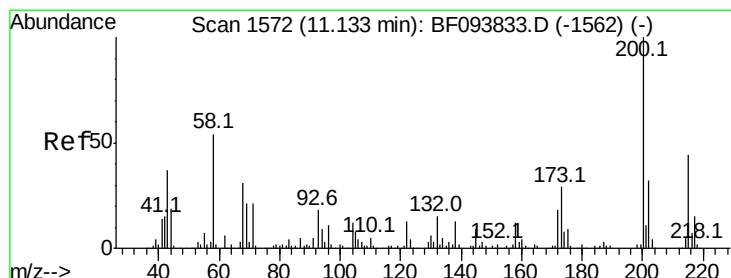
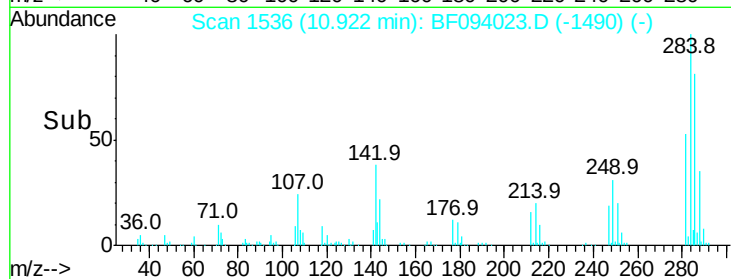
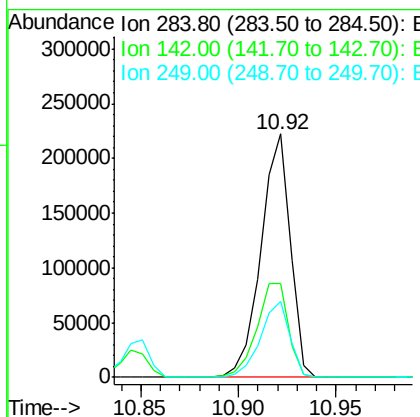
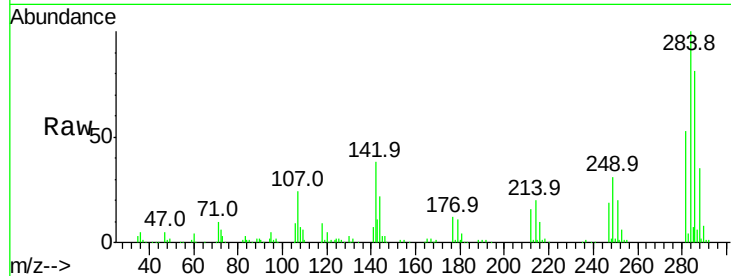
#67
Hexachlorobenzene
Concen: 47.49 ng
RT: 10.92 min Scan# 1536
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	232469		
142	38.5	22.8	34.2#	
249	31.0	24.0	36.0	

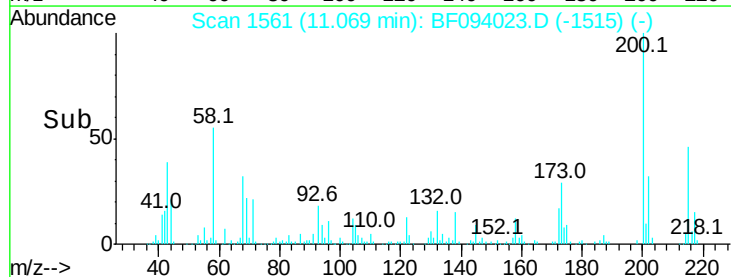
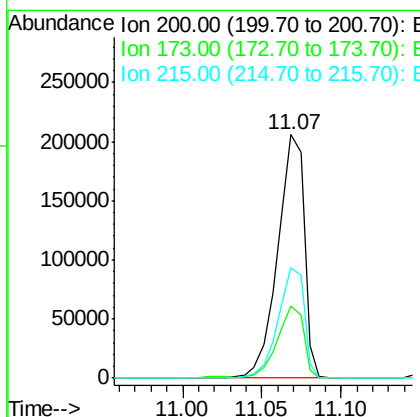
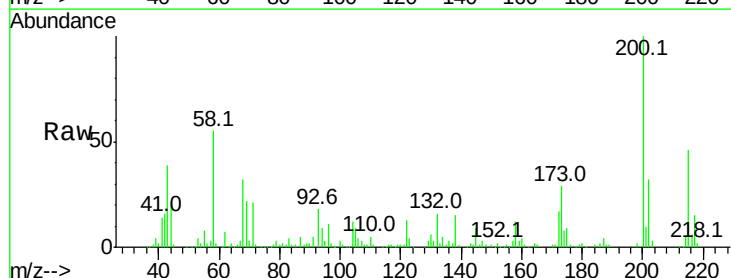
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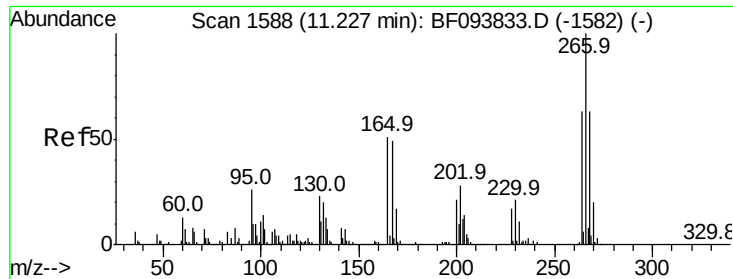
mohammad
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#68
Atrazine
Concen: 47.14 ng
RT: 11.07 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	240087		
173	29.4	6.3	46.3	
215	45.5	27.2	67.2	





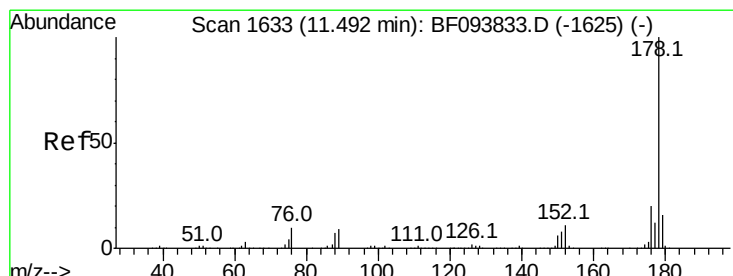
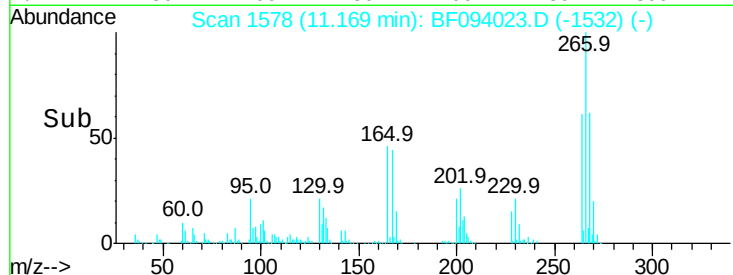
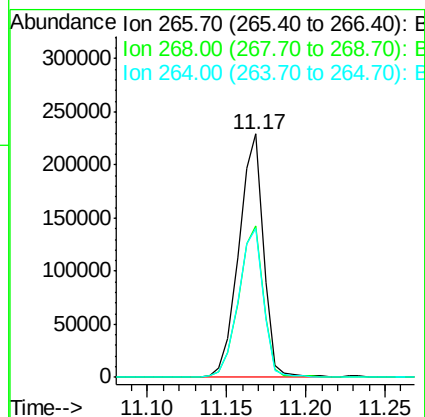
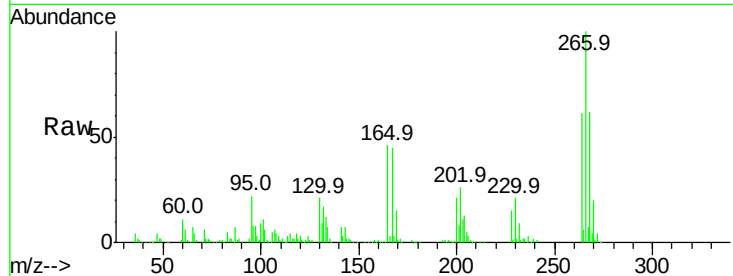
#69
 Pentachlorophenol
 Concen: 80.85 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	246354		
268	62.3	51.1	76.7	
264	61.2	51.7	77.5	

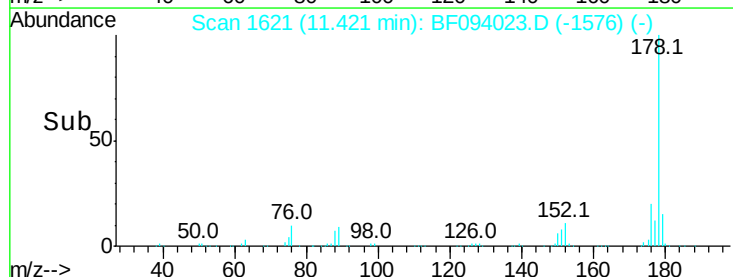
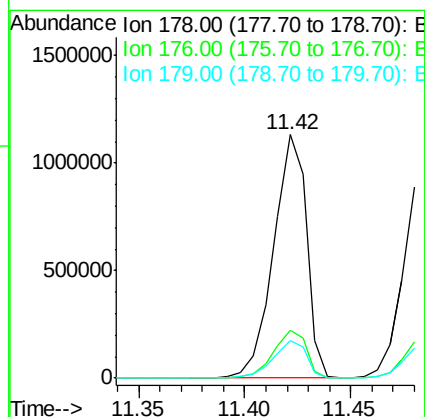
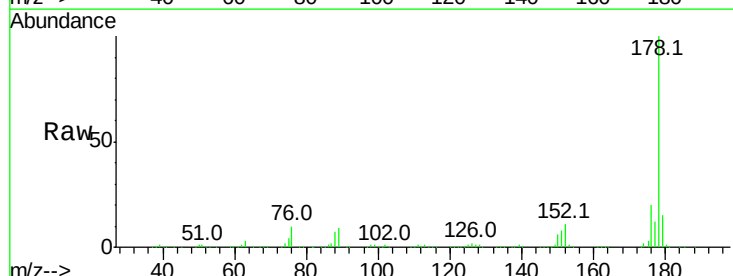
Manual Integrations
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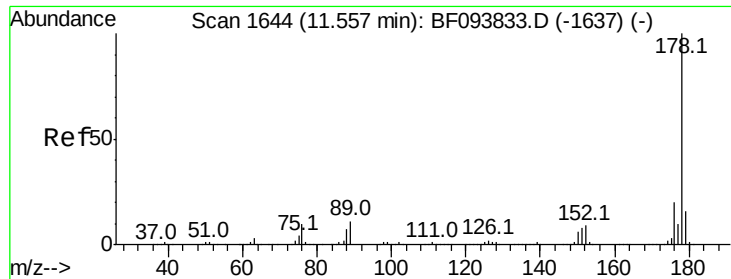
mohammad
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#70
 Phenanthrene
 Concen: 45.15 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1234991		
176	19.6	16.2	24.4	
179	15.5	12.6	19.0	





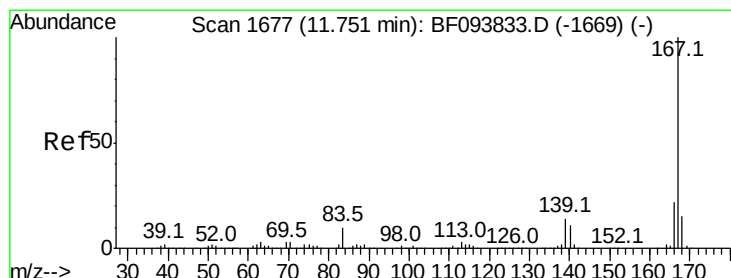
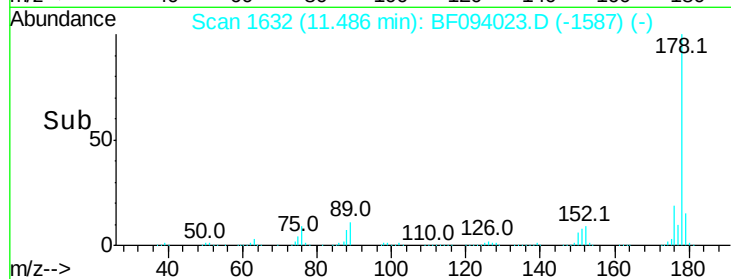
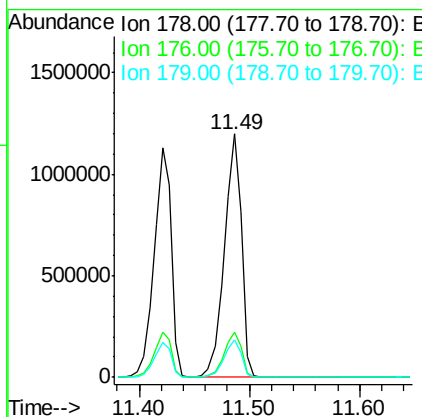
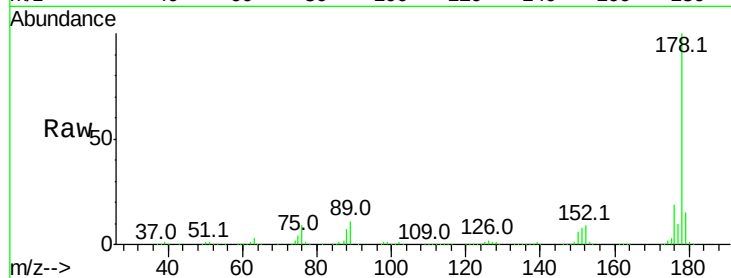
#71
 Anthracene
 Concen: 46.18 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion:178 Resp: 1300438
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.2 12.7 19.1

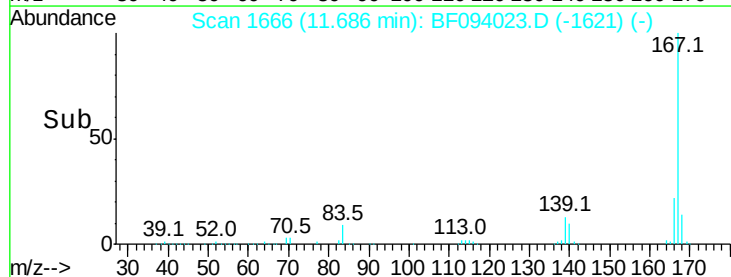
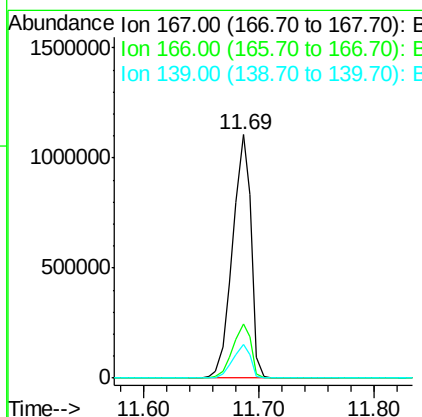
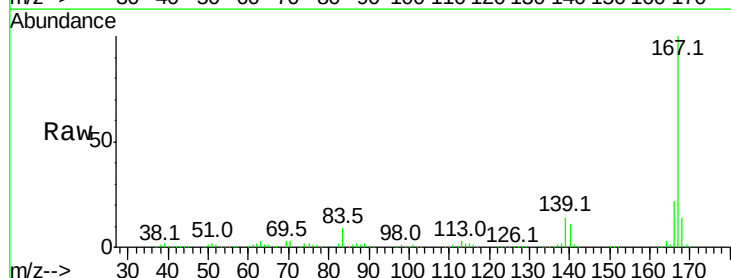
Manual Integrations
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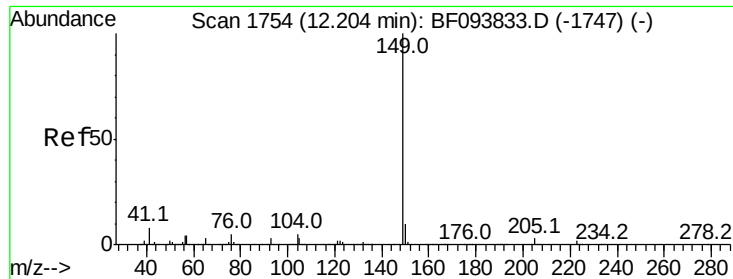
mohammad
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#72
 Carbazole
 Concen: 42.35 ng
 RT: 11.69 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion:167 Resp: 1223010
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.8 11.7 17.5





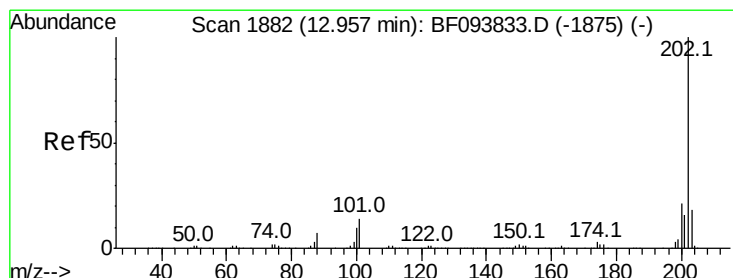
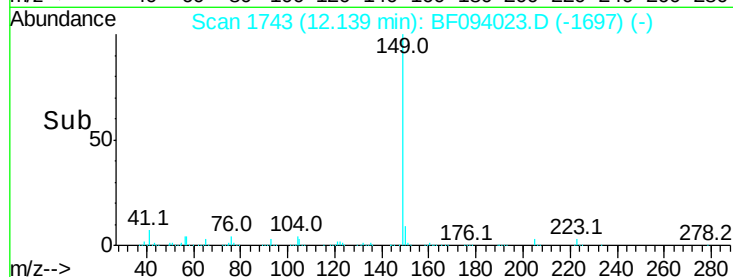
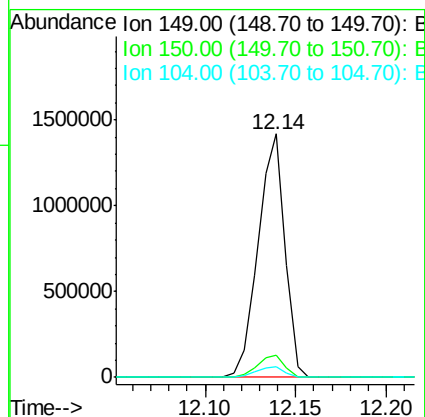
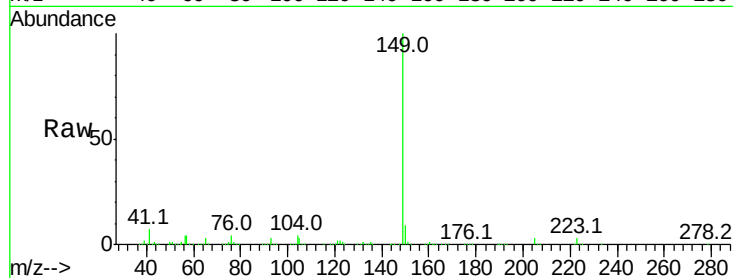
#73
Di-n-butylphthalate
Concen: 48.30 ng
RT: 12.14 min Scan# 1743
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion:149 Resp: 1450598
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.5 4.0 6.0

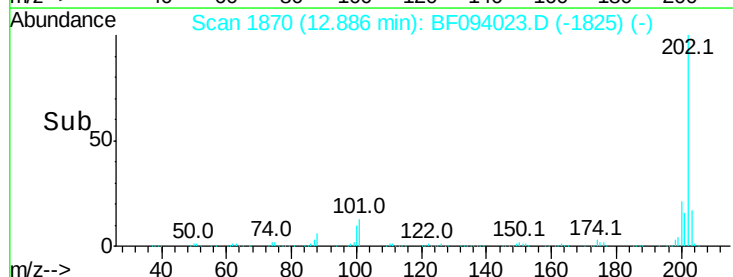
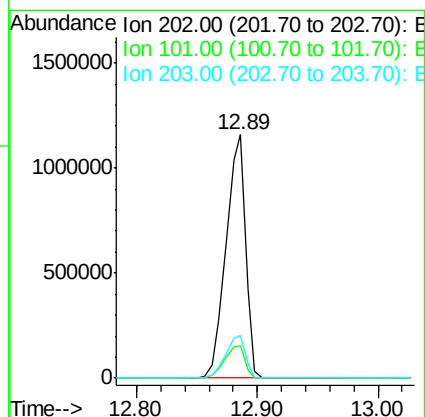
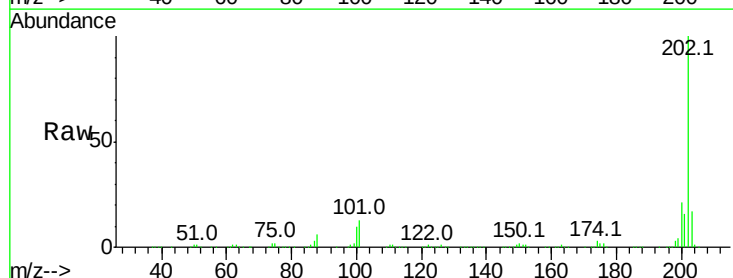
Manual Integrations
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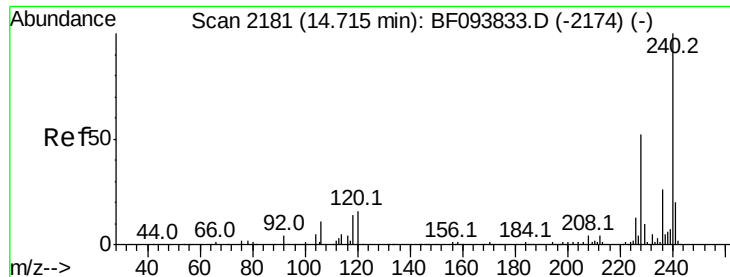
mohammad
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#74
Fluoranthene
Concen: 46.20 ng
RT: 12.89 min Scan# 1870
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion:202 Resp: 1293927
Ion Ratio Lower Upper
202 100
101 13.2 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

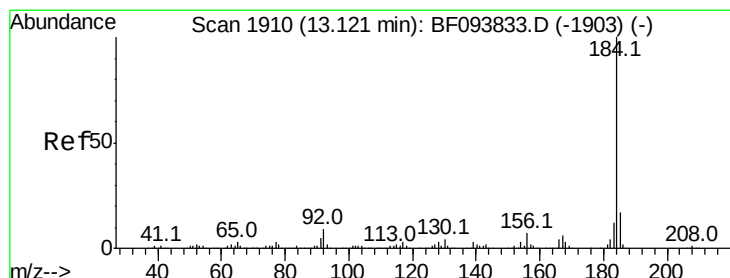
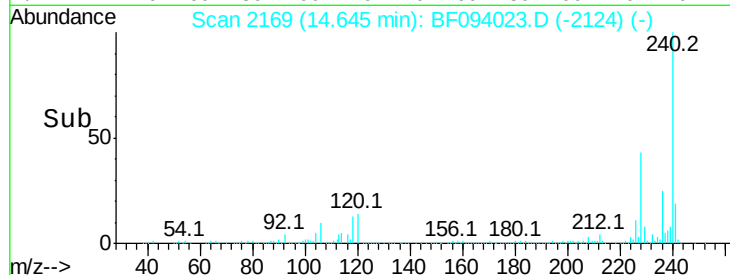
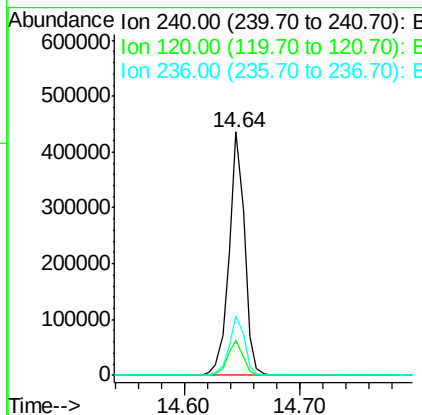
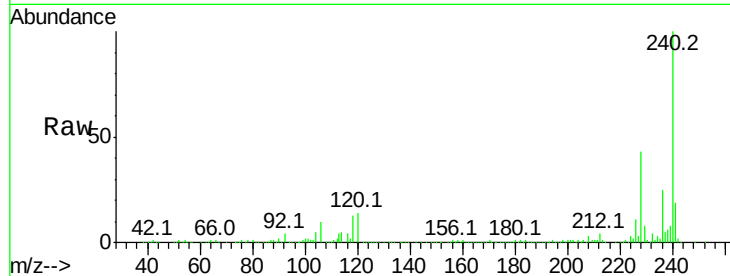
ClientSampleId :

PB97900BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	5.8	8.8#
236	24.5	20.5	30.7

Manual Integrations
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#76

Benzidine

Concen: 31.98 ng

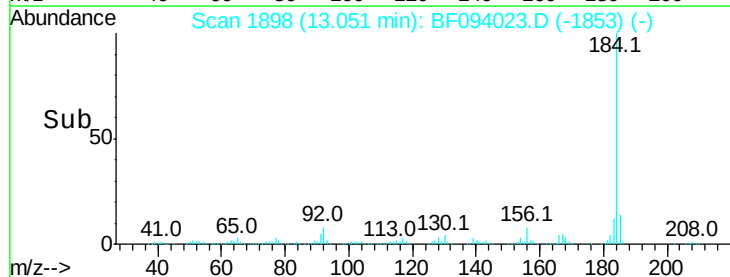
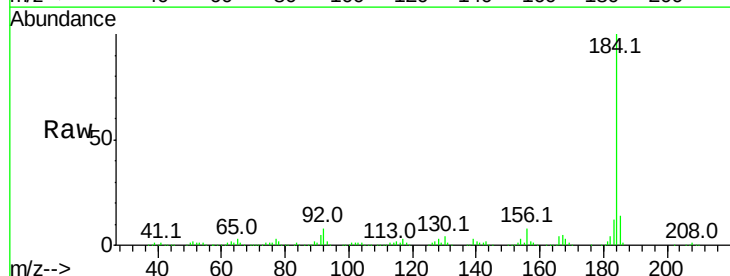
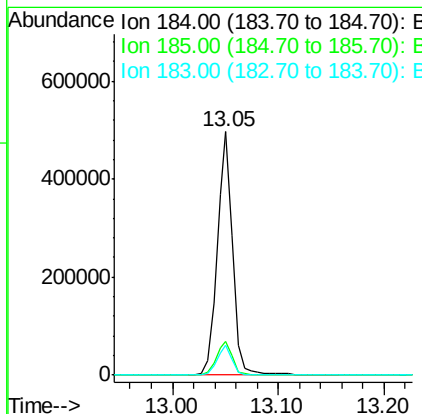
RT: 13.05 min Scan# 1898

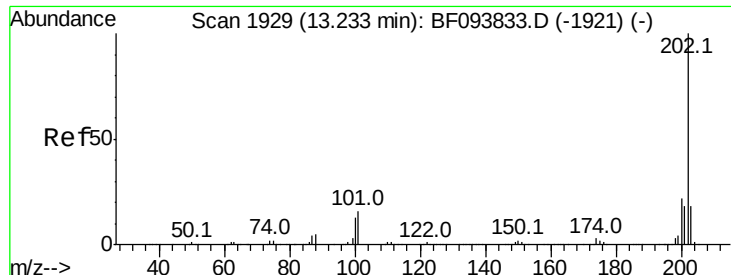
Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	12.0	9.8	14.6





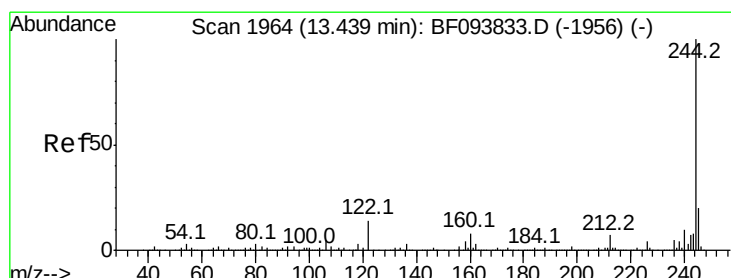
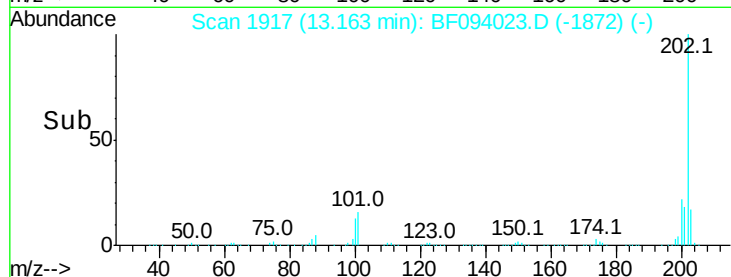
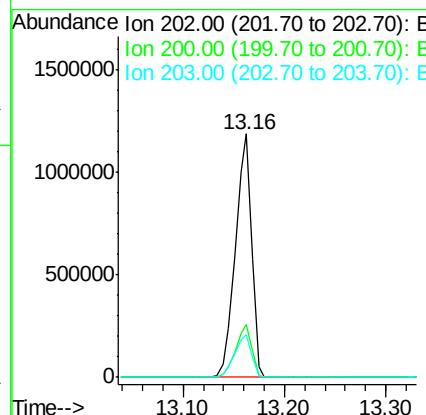
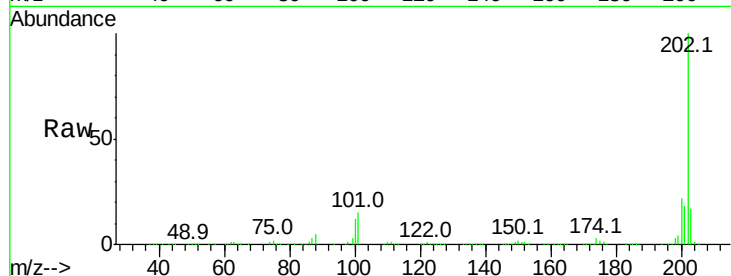
#77
 Pvrene
 Concen: 45.03 ng
 RT: 13.16 min Scan# 1917
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.3	14.4	21.6

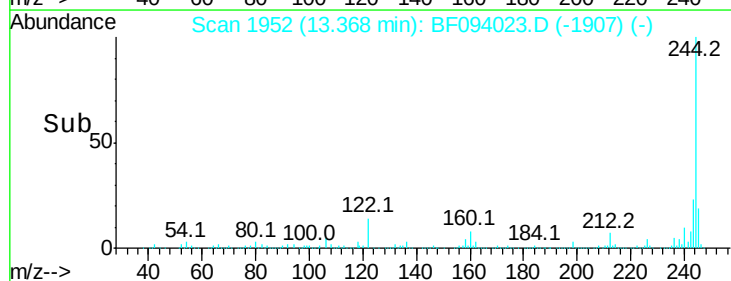
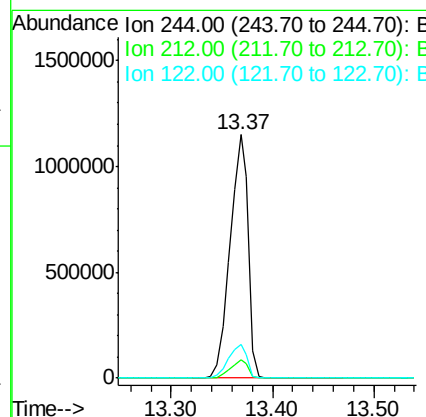
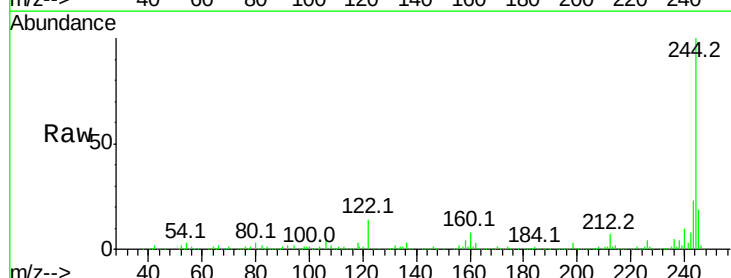
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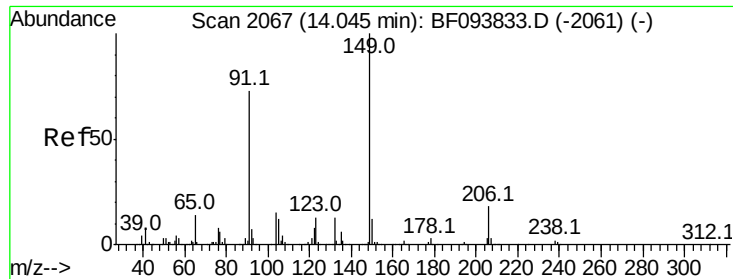
mohammad
 3/30/2017 2:31:31 PM



#78
 Terphenyl-d14
 Concen: 78.69 ng
 RT: 13.37 min Scan# 1952
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.7	10.3	15.5





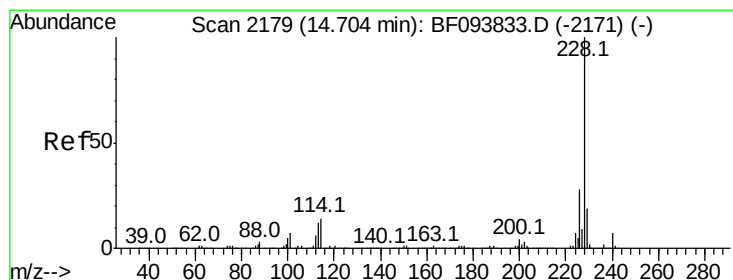
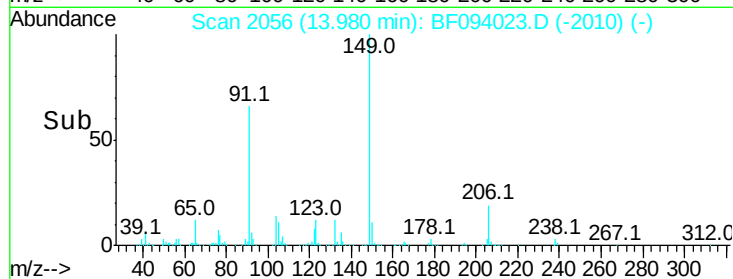
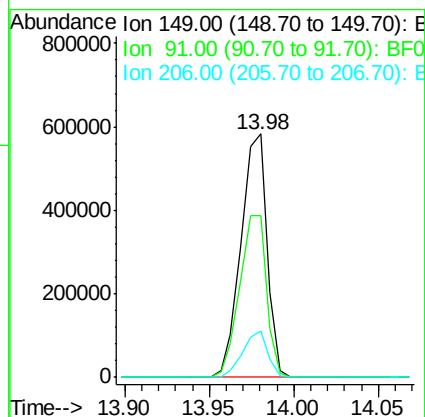
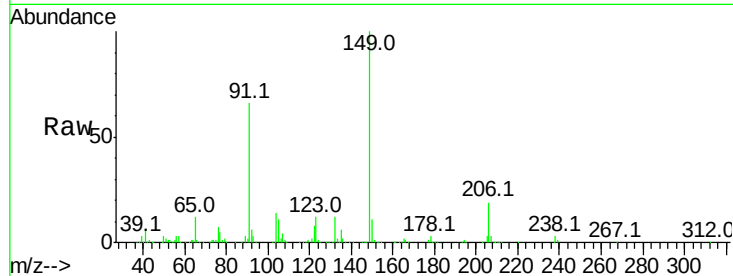
#79
Butylbenzylphthalate
Concen: 50.67 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.03 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.5	45.0	67.4
206	18.9	17.0	25.6

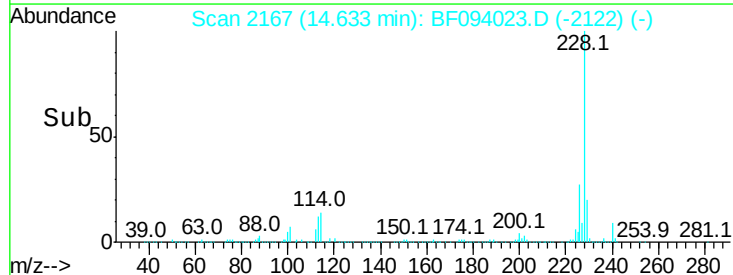
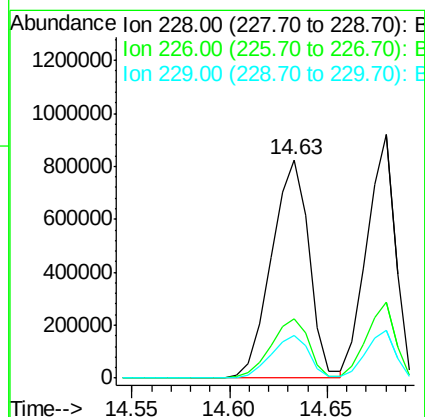
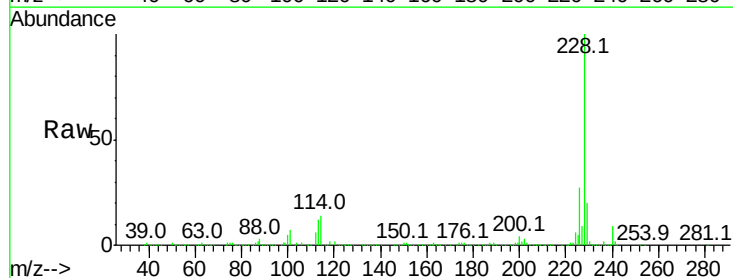
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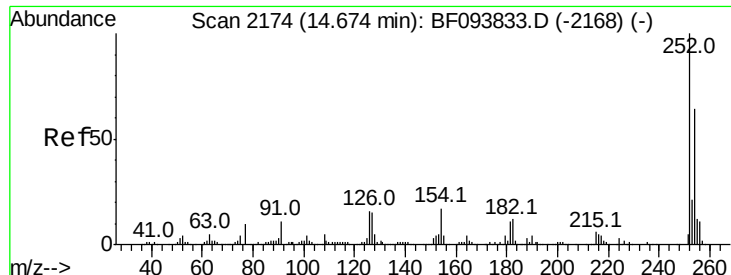
mohammad
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#80
Benzo(a)anthracene
Concen: 46.78 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	16.3	24.5





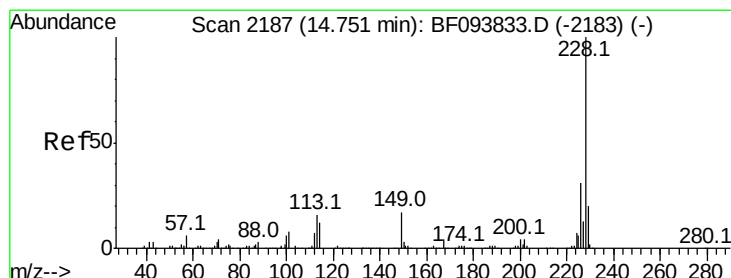
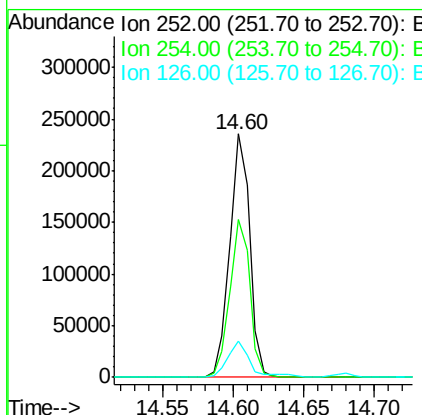
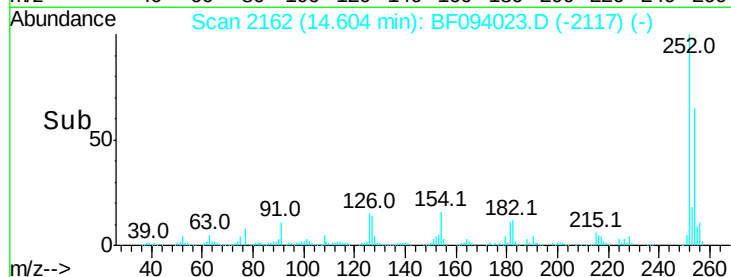
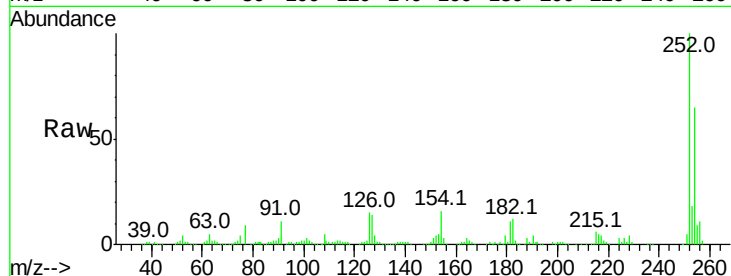
#81
 3,3'-Dichlorobenzidine
 Concen: 27.81 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	51.5	77.3
126	14.8	15.8	23.8

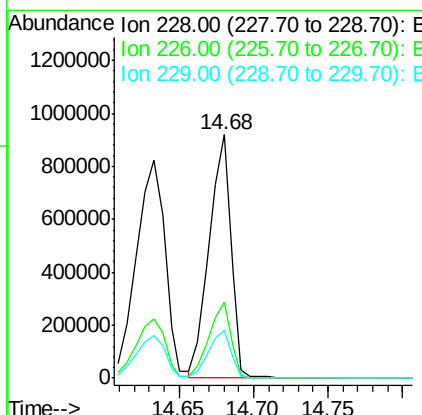
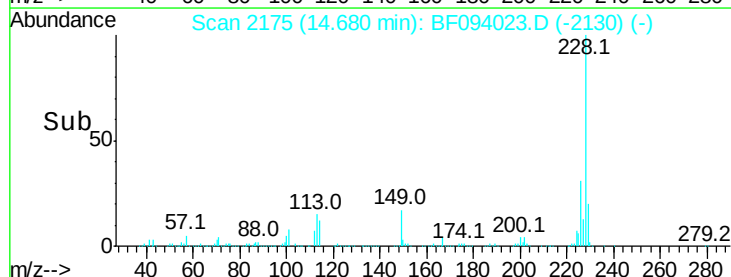
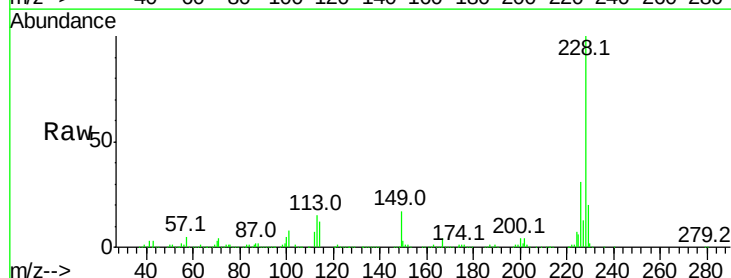
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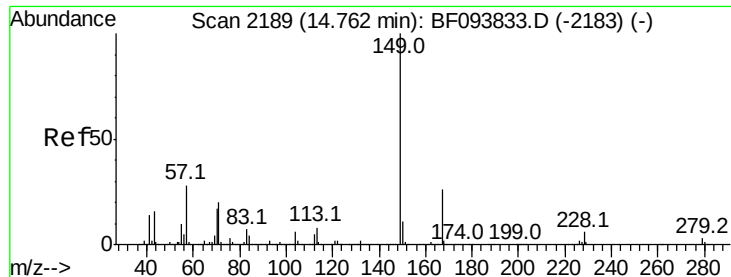
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#82
 Chrysene
 Concen: 42.86 ng
 RT: 14.68 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	24.9	37.3
229	19.9	15.8	23.6





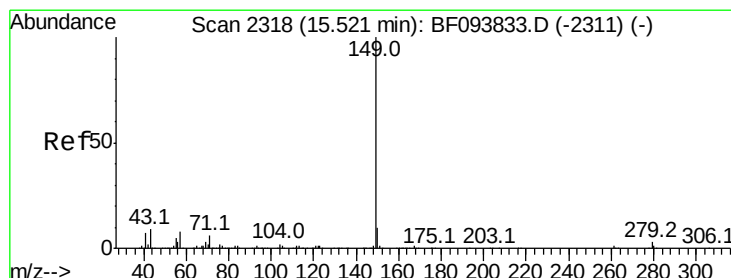
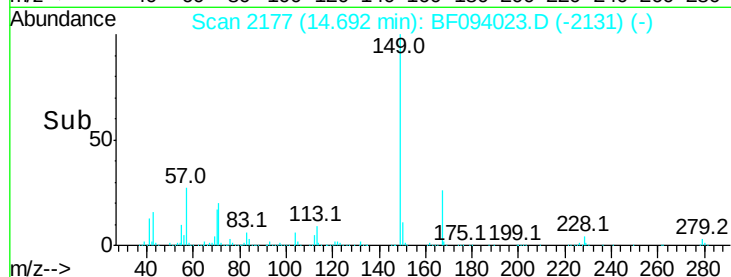
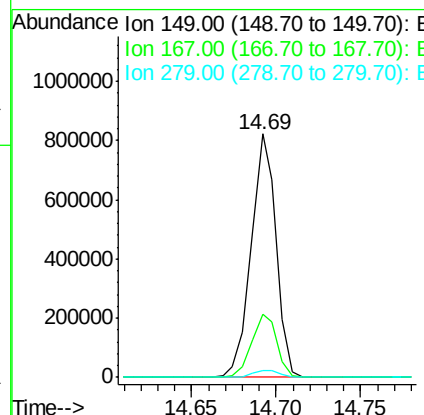
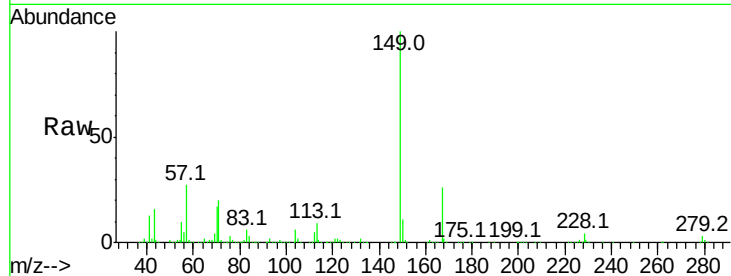
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.74 ng
 RT: 14.69 min Scan# 2177
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97900BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	2.8	1.9	2.9

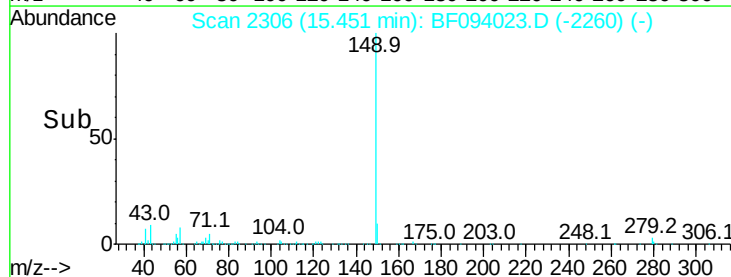
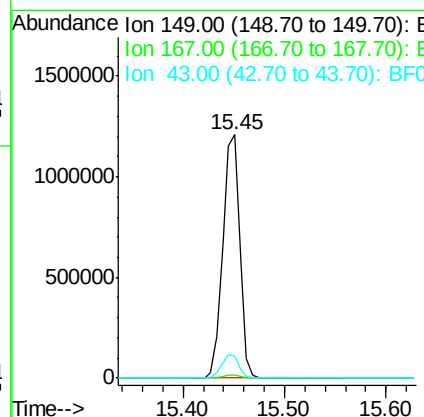
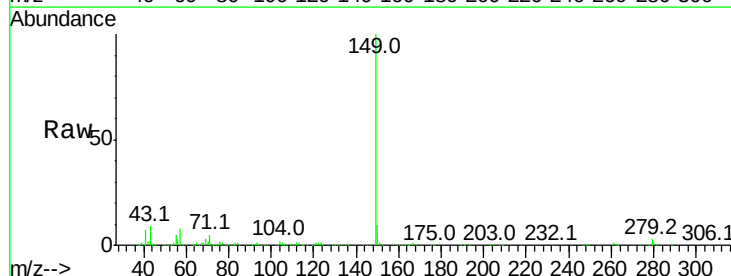
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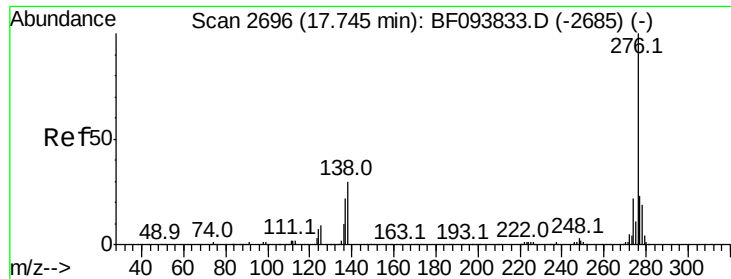
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#84
 Di-n-octyl phthalate
 Concen: 49.32 ng
 RT: 15.45 min Scan# 2306
 Delta R.T. -0.03 min
 Lab File: BF094023.D
 Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.6	8.5	12.7





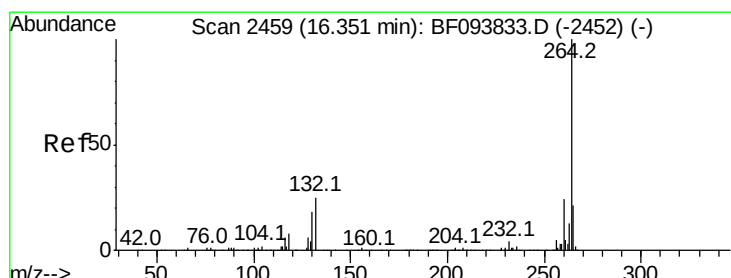
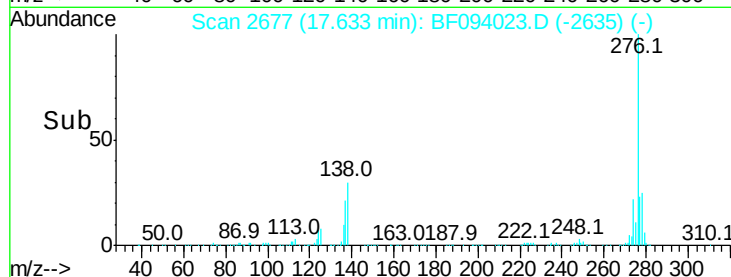
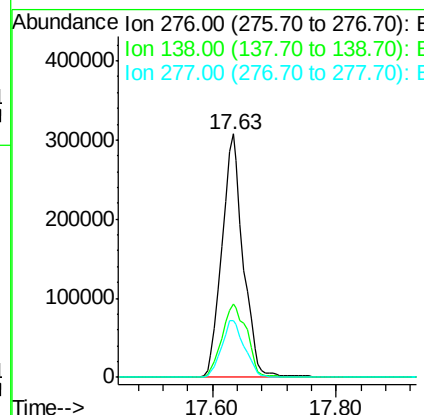
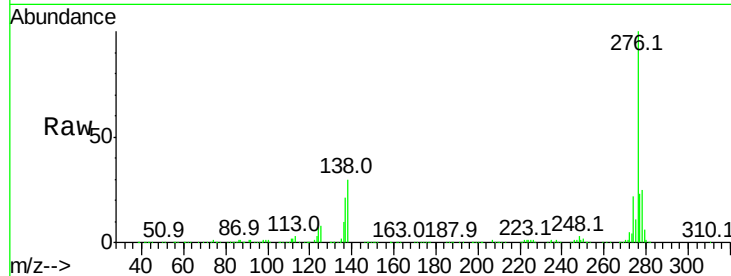
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.02 ng
RT: 17.63 min Scan# 2677
Delta R.T. -0.05 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.2	20.2	30.4

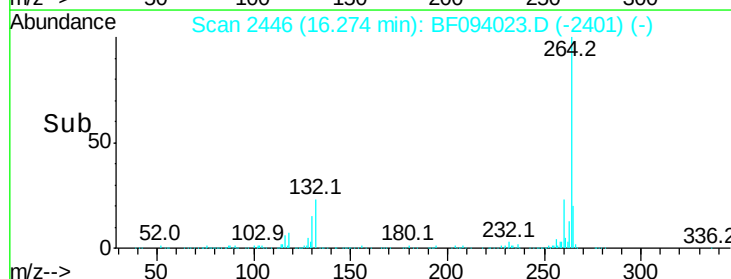
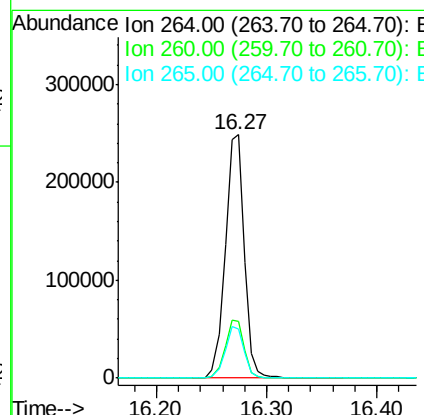
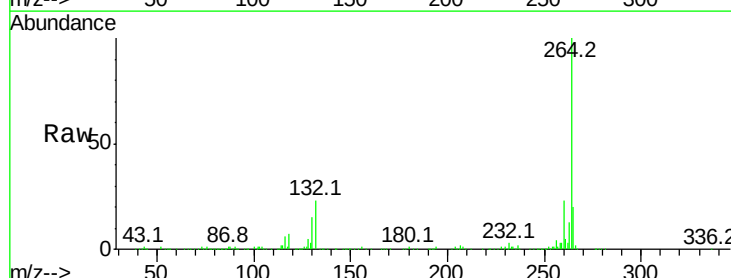
Manual Integrations
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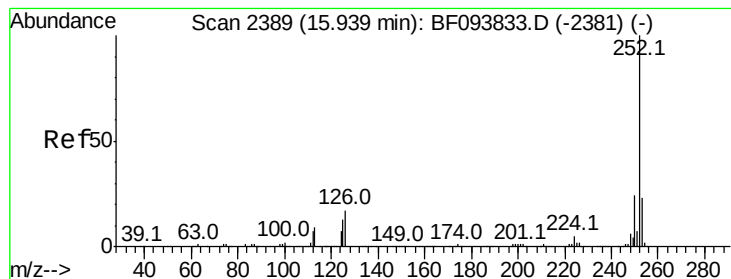
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 2446
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.71 ng

RT: 15.87 min Scan# 2377

Delta R.T. -0.03 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

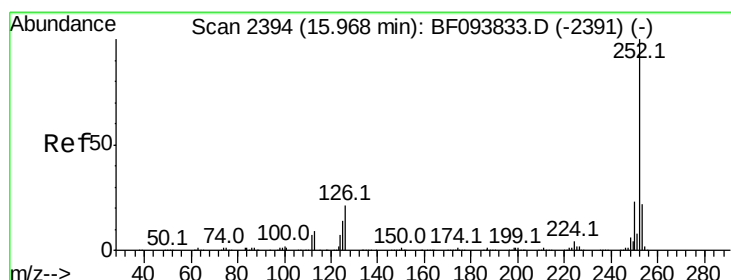
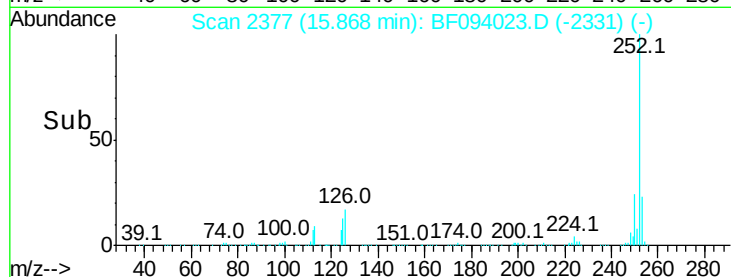
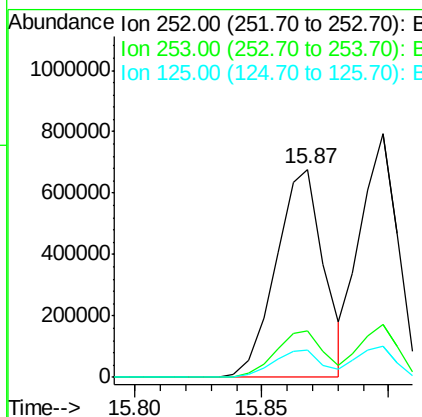
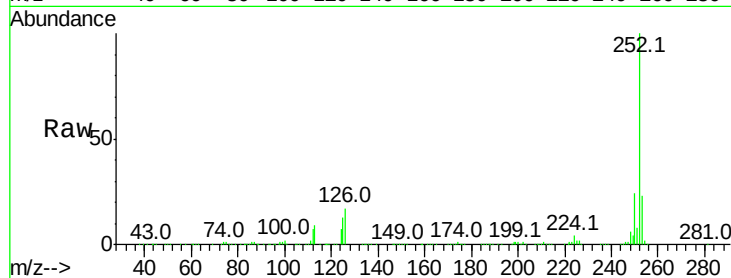
ClientSampleId :

PB97900BS

Tot Ion:	252	Resp:	891197
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	13.1	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 46.41 ng

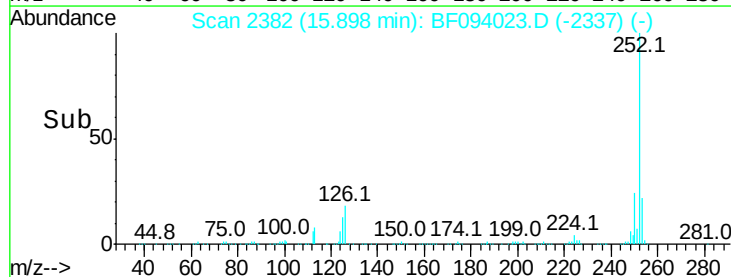
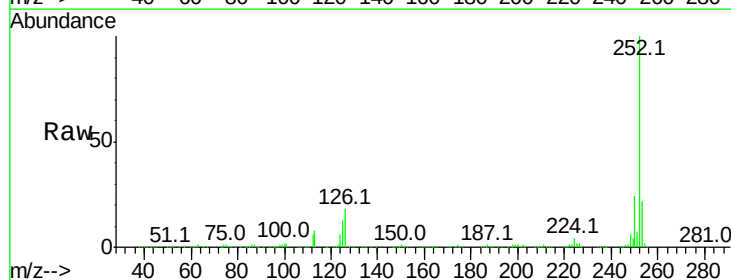
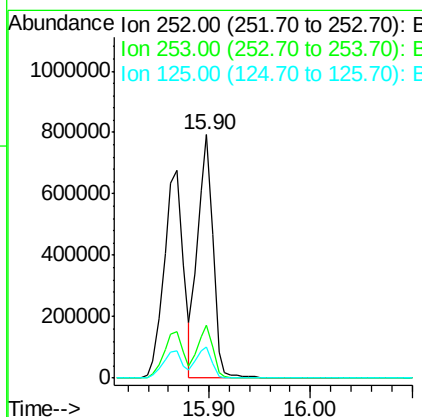
RT: 15.90 min Scan# 2382

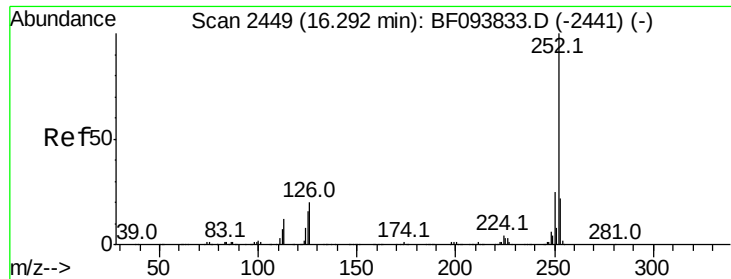
Delta R.T. -0.04 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Tgt Ion:	252	Resp:	830817
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	13.0	13.1	19.7#





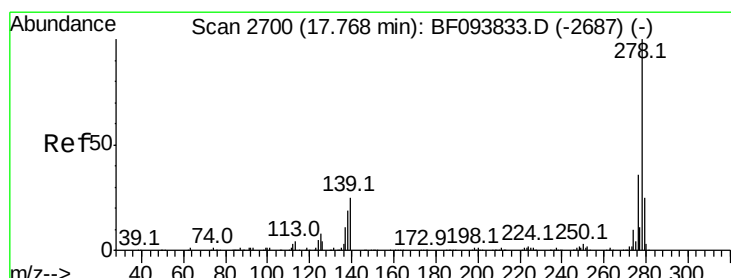
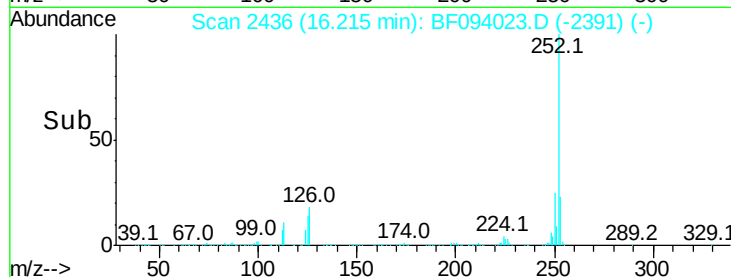
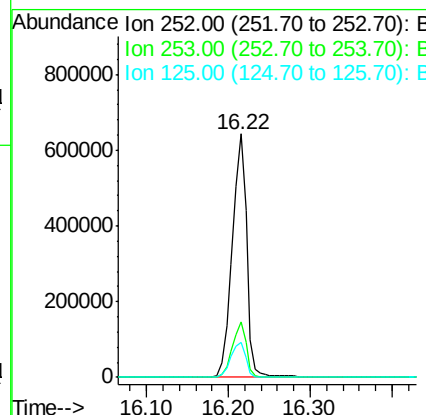
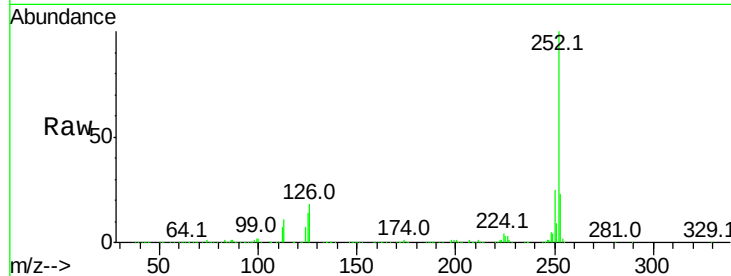
#89
Benzo(a)pyrene
Concen: 46.94 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Instrument :
BNA_F
ClientSampleId :
PB97900BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	14.4	11.0	16.4

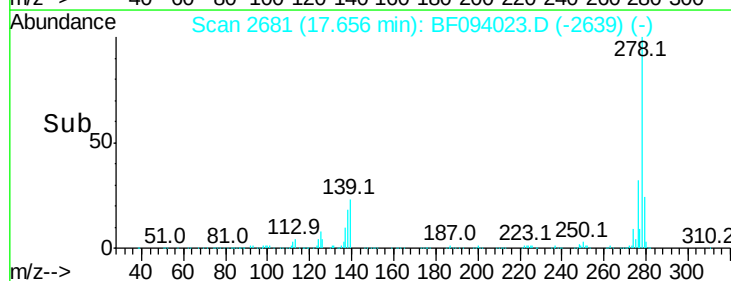
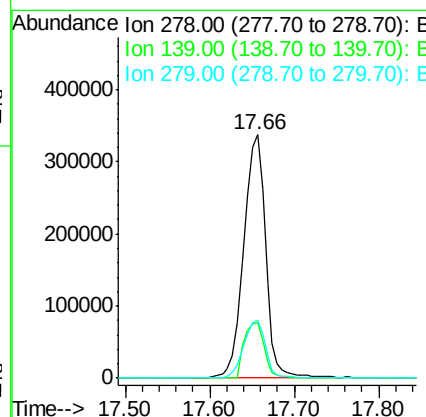
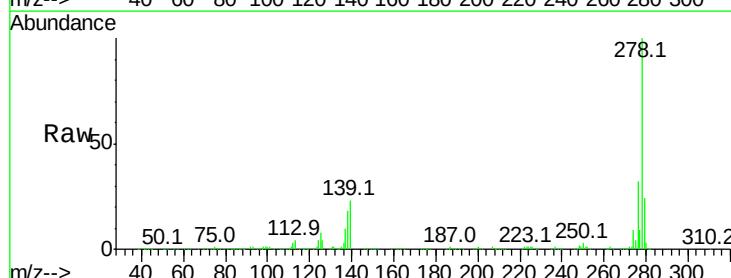
Manual Integrations
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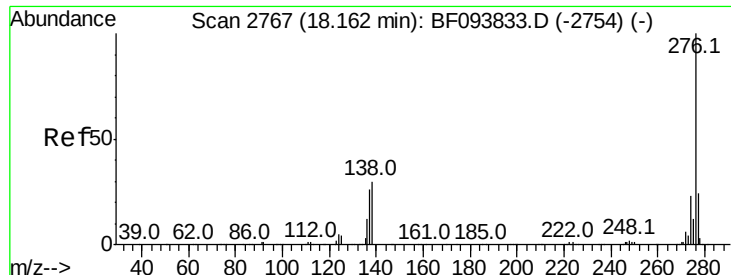
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 42.51 ng
RT: 17.66 min Scan# 2681
Delta R.T. -0.05 min
Lab File: BF094023.D
Acq: 29 Mar 2017 17:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	24.8
279	23.7	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 43.05 ng

RT: 18.04 min Scan# 2746

Delta R.T. -0.06 min

Lab File: BF094023.D

Acq: 29 Mar 2017 17:27

Instrument :

BNA_F

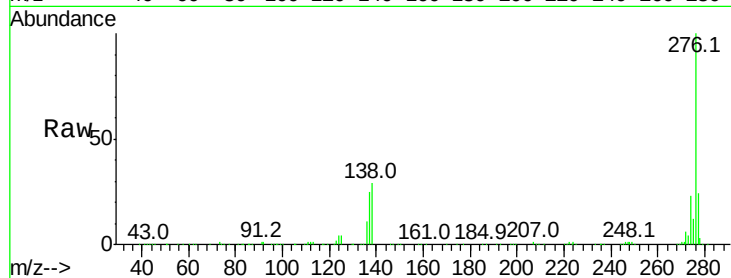
ClientSampleId :

PB97900BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.9	18.6	28.0	
138	29.3	25.4	38.0	

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

