

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094097.D
 Acq On : 31 Mar 2017 15:44
 Operator : SJ/MA
 Sample : I2458-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Manual Integrations
 APPROVED

mohammad
 4/3/2017 3:25:40 PM

Quant Time: Mar 31 23:51:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	176239	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	703823	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	307759	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	521936	20.00	ng	0.00
75) Chrysene-d12	14.63	240	369413	20.00	ng	0.00
86) Perylene-d12	16.25	264	266704	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.45	112	1433092	137.34	ng	0.01
7) Phenol-d6	5.52	99	1836501	142.27	ng	0.00
23) Nitrobenzene-d5	6.56	82	1148311	93.11	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	374685	154.07	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1950370	96.66	ng	0.00
78) Terphenyl-d14	13.35	244	1489482	90.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	198154	39.53	ng	98
3) Pyridine	2.81	79	97469	7.13	ng	99
4) n-Nitrosodimethylamine	2.75	42	266871	47.47	ng	91
6) Aniline	5.53	93	476480	26.54	ng	# 1
8) 2-Chlorophenol	5.67	128	586665	51.15	ng	96
9) Benzaldehyde	5.39	77	121742	13.97	ng	100
10) Phenol	5.53	94	713357	48.56	ng	92
11) bis(2-Chloroethyl)ether	5.61	93	548149	47.75	ng	98
12) 1,3-Dichlorobenzene	5.83	146	614821	47.79	ng	98
13) 1,4-Dichlorobenzene	5.92	146	620633	47.63	ng	97
14) 1,2-Dichlorobenzene	6.10	146	574695	47.89	ng	95
15) Benzyl Alcohol	6.07	79	476697	50.45	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.23	45	754817	42.67	ng	96
17) 2-Methylphenol	6.22	107	496940	50.59	ng	95
18) Hexachloroethane	6.49	117	214863	46.91	ng	89
19) n-Nitroso-di-n-propylamine	6.39	70	398972	48.09	ng	97
20) 3+4-Methylphenols	6.39	107	617691	51.92	ng	# 64
22) Acetophenone	6.37	105	829090	52.85	ng	# 87
24) Nitrobenzene	6.57	77	601524	49.45	ng	95
25) Isophorone	6.86	82	1076605	49.68	ng	96
26) 2-Nitrophenol	6.95	139	331489	57.15	ng	98
27) 2,4-Dimethylphenol	7.02	122	532261	53.25	ng	98
28) bis(2-Chloroethoxy)methane	7.12	93	698496	48.88	ng	100
29) 2,4-Dichlorophenol	7.25	162	509804	54.55	ng	97
30) 1,2,4-Trichlorobenzene	7.34	180	485763	50.47	ng	97
31) Naphthalene	7.43	128	1637591	48.39	ng	100
32) Benzoic acid	7.16	122	181693	27.31	ng	94
33) 4-Chloroaniline	7.50	127	455582	33.21	ng	94
34) Hexachlorobutadiene	7.59	225	239044	48.43	ng	99
35) Caprolactam	7.95	113	147042m	49.34	ng	
36) 4-Chloro-3-methylphenol	8.12	107	536266	54.92	ng	88
37) 2-Methylnaphthalene	8.27	142	1130082	50.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	417826	49.63	ng	98
40) Hexachlorocyclopentadiene	8.47	237	380053	96.47	ng	99

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 B-42-S2(2.0-2.5)MS

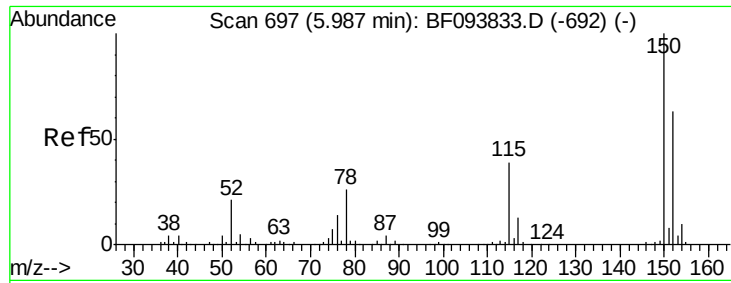
Manual Integrations
 APPROVED

mohammad
 4/3/2017 3:25:40 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	336522	56.50	nq	98
43) 2,4,5-Trichlorophenol	8.68	196	339832	52.73	nq	95
45) 1,1'-Biphenyl	8.85	154	1242077	50.04	nq	98
46) 2-Chloronaphthalene	8.87	162	999611	51.44	nq	95
47) 2-Nitroaniline	9.00	65	310852	53.93	nq	# 84
48) Acenaphthylene	9.38	152	1554123	48.12	nq	99
49) Dimethylphthalate	9.25	163	1261056	57.64	nq	99
50) 2,6-Dinitrotoluene	9.30	165	271298	54.10	nq	# 88
51) Acenaphthene	9.59	154	930105	49.36	nq	99
52) 3-Nitroaniline	9.50	138	229585	38.99	nq	92
53) 2,4-Dinitrophenol	9.64	184	195054	73.11	nq	# 72
54) Dibenzofuran	9.80	168	1313713	51.21	nq	99
55) 4-Nitrophenol	9.75	139	403741	87.55	nq	# 71
56) 2,4-Dinitrotoluene	9.80	165	322938	51.26	nq	# 67
57) Fluorene	10.22	166	991722	46.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	244177	55.21	nq	97
59) Diethylphthalate	10.11	149	1100634	50.90	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	424277	46.82	nq	94
61) 4-Nitroaniline	10.27	138	289967	51.31	nq	98
62) Azobenzene	10.43	77	1083616	52.98	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	163431	51.13	nq	# 69
65) n-Nitrosodiphenylamine	10.38	169	927670	51.39	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	267702	52.15	nq	95
67) Hexachlorobenzene	10.90	284	277428	53.39	nq	# 84
68) Atrazine	11.05	200	259345	47.97	nq	97
69) Pentachlorophenol	11.15	266	274519	84.88	nq	98
70) Phenanthrene	11.40	178	1455105	50.12	nq	99
71) Anthracene	11.47	178	1493320	49.95	nq	100
72) Carbazole	11.67	167	1431053	46.68	nq	99
73) Di-n-butylphthalate	12.12	149	1625159	50.98	nq	99
74) Fluoranthene	12.86	202	1438403	48.38	nq	99
76) Benzidine	13.03	184	50576	3.46	nq	94
77) Pyrene	13.14	202	1457545	54.37	nq	100
79) Butylbenzylphthalate	13.96	149	675102	59.10	nq	# 85
80) Benzo(a)anthracene	14.61	228	1079226	50.10	nq	100
81) 3,3'-Dichlorobenzidine	14.59	252	274736	35.68	nq	# 96
82) Chrysene	14.66	228	947916	47.42	nq	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	897430	57.58	nq	# 100
84) Di-n-octyl phthalate	15.43	149	1357494	52.14	nq	97
85) Indeno(1,2,3-cd)pyrene	17.60	276	856678	49.48	nq	100
87) Benzo(b)fluoranthene	15.84	252	791540	48.42	nq	98
88) Benzo(k)fluoranthene	15.87	252	800065	50.02	nq	96
89) Benzo(a)pyrene	16.19	252	749684	49.80	nq	98
90) Dibenzo(a,h)anthracene	17.63	278	704425	55.25	nq	99
91) Benzo(g,h,i)perylene	18.00	276	731728	56.95	nq	98

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



#1

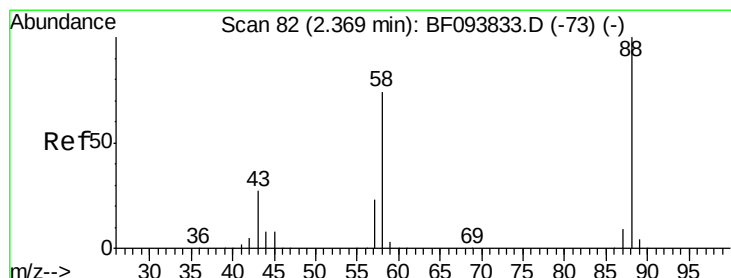
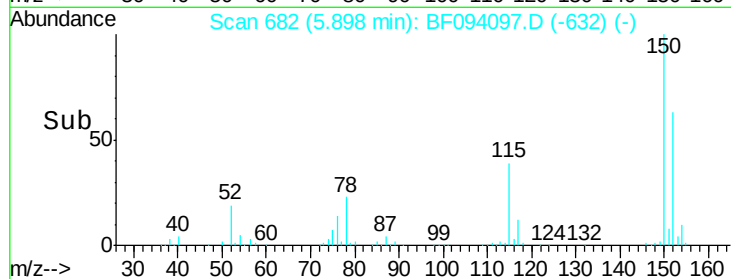
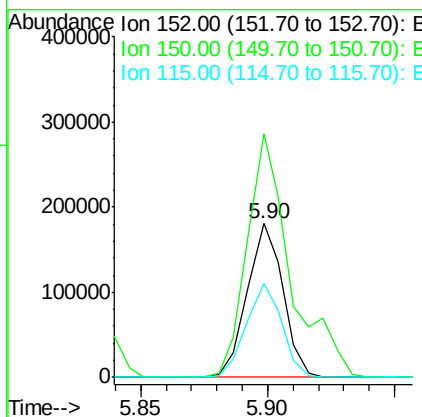
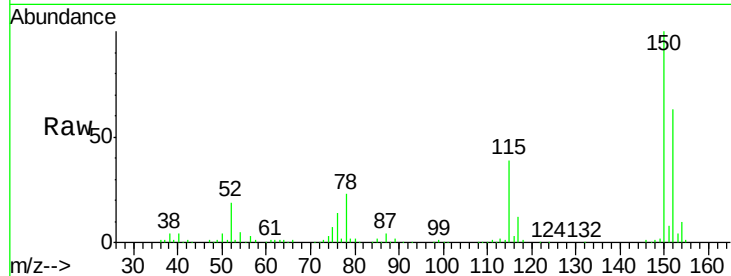
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	61.5	52.2	78.2

Manual Integrations
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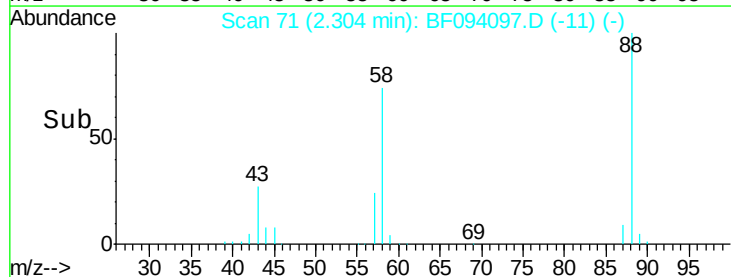
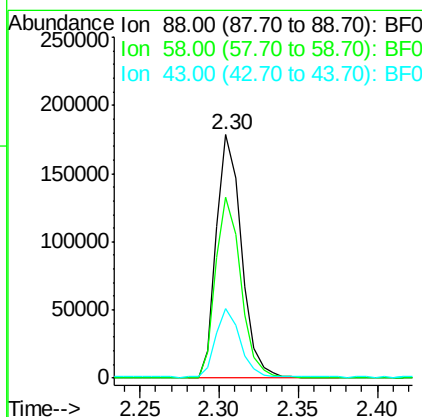
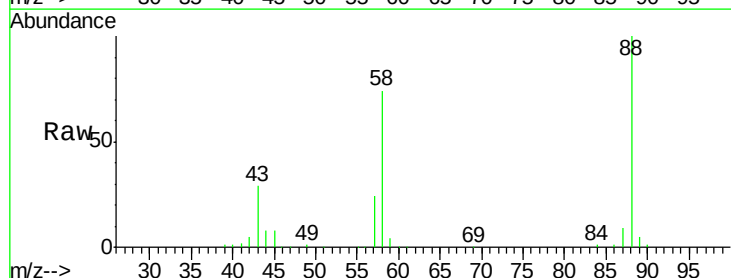
mohammad
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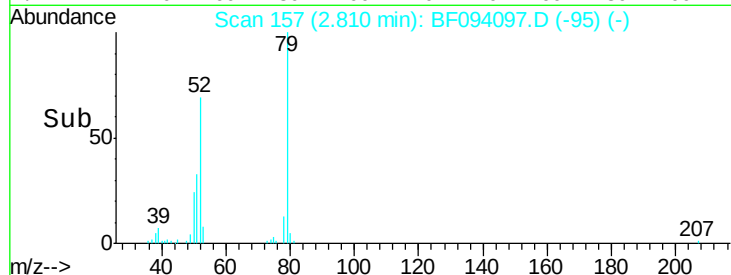
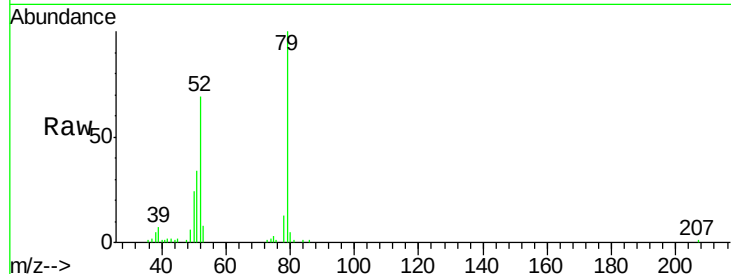
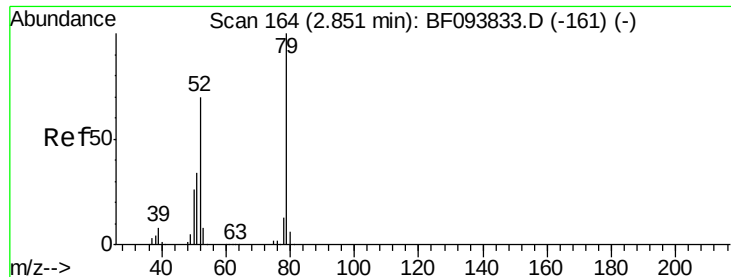


#2

1,4-Dioxane
Concen: 39.53 ng
RT: 2.30 min Scan# 71
Delta R.T. 0.05 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	61.4	92.0
43	27.8	23.4	35.0





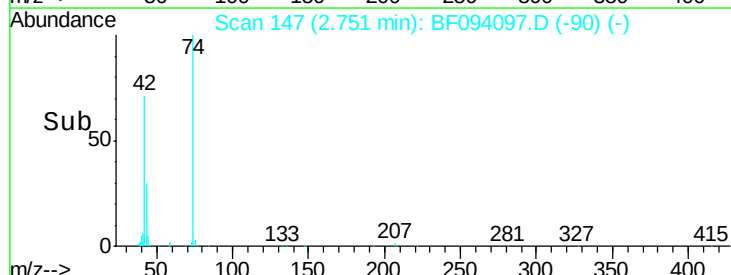
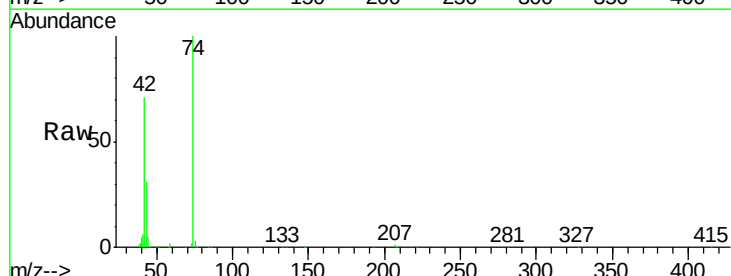
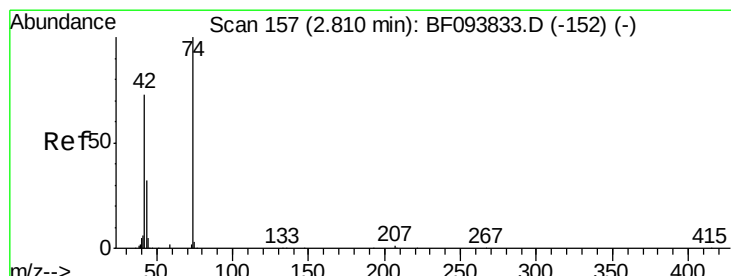
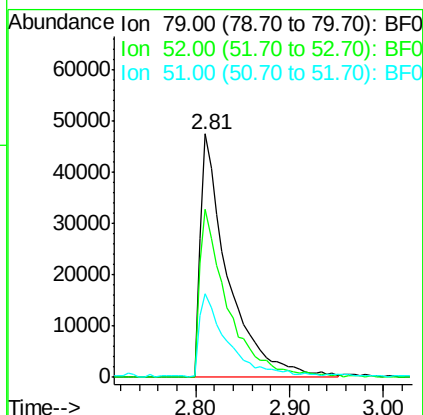
#3
Pvridine
Concen: 7.13 ng
RT: 2.81 min Scan# 157
Delta R.T. 0.06 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.0	54.8	82.2
51	34.1	27.0	40.4

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

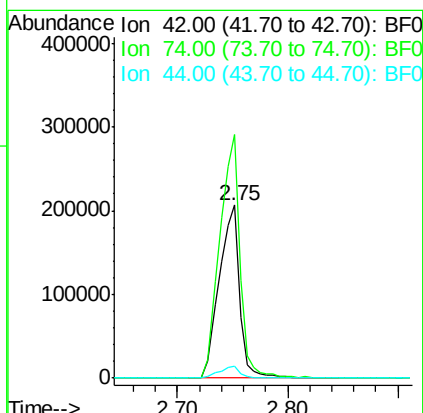
Manual Integrations
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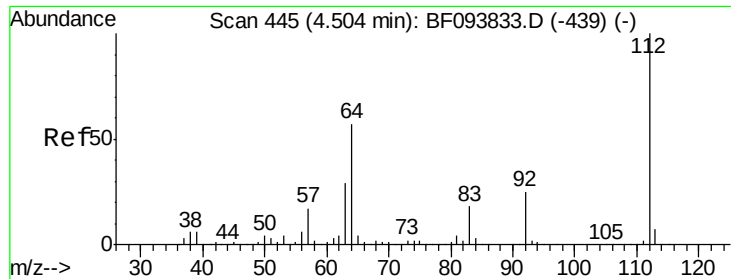
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#4
n-Nitrosodimethylamine
Concen: 47.47 ng
RT: 2.75 min Scan# 147
Delta R.T. 0.04 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.7	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 137.34 ng

RT: 4.45 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion: 112 Resp: 1433092

Ion Ratio Lower Upper

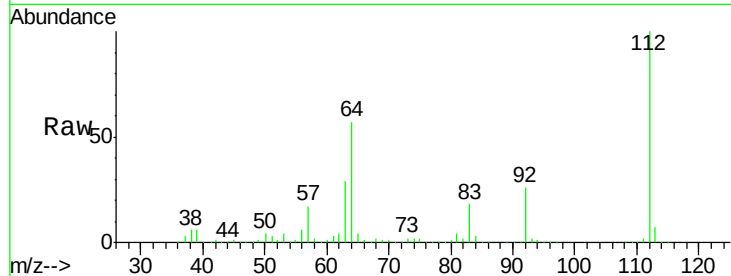
112 100

64 57.0 46.0 69.0

63 29.2 23.4 35.0

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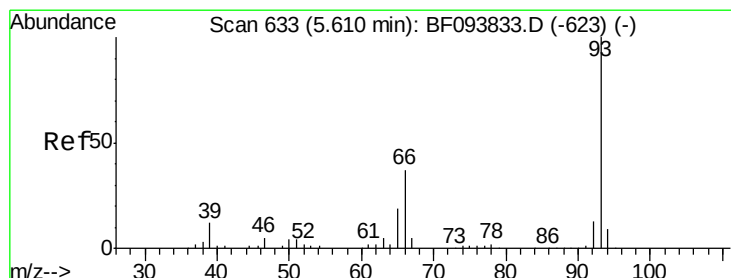
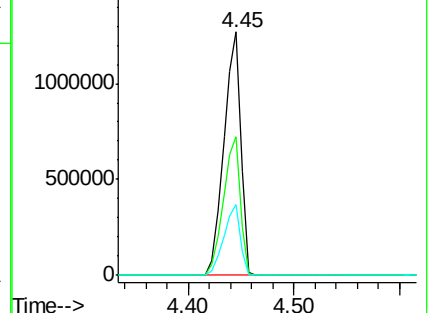
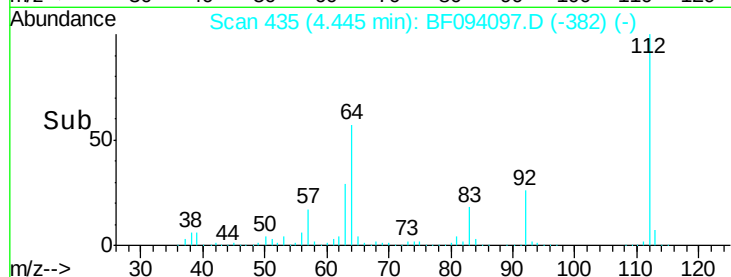
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.54 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

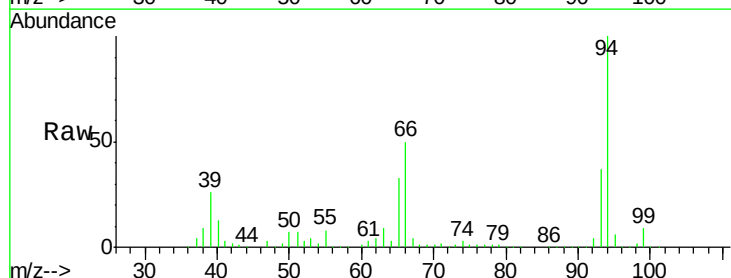
Tgt Ion: 93 Resp: 476480

Ion Ratio Lower Upper

93 100

66 135.2 32.9 49.3#

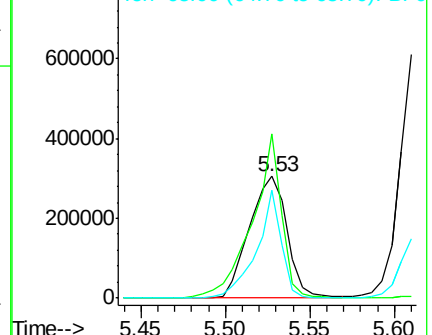
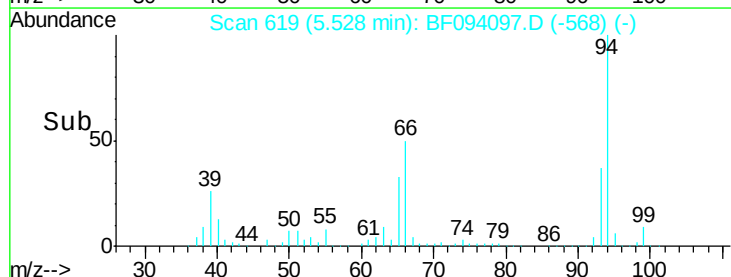
65 88.9 16.0 24.0#

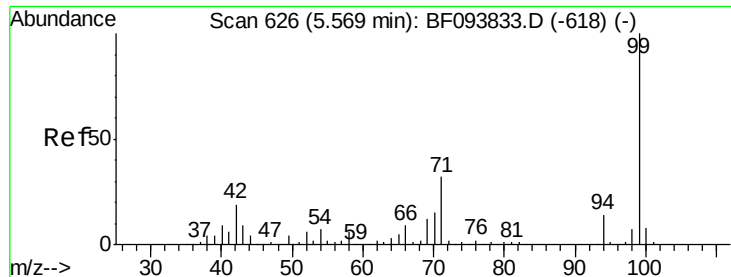


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.27 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion: 99 Resp: 1836501

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

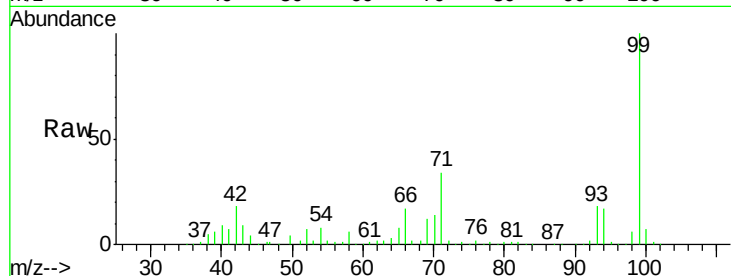
71 33.7 24.5 36.7

Manual Integrations

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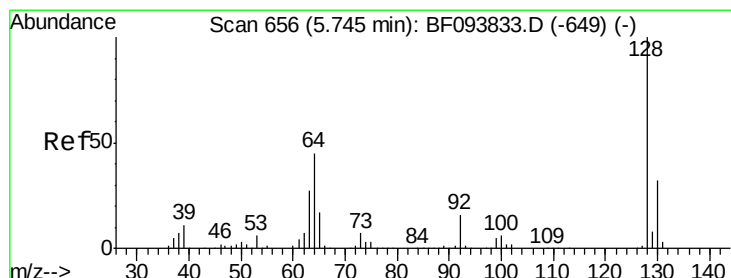
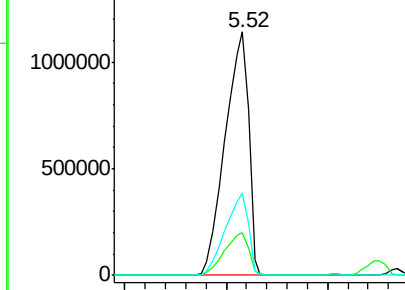
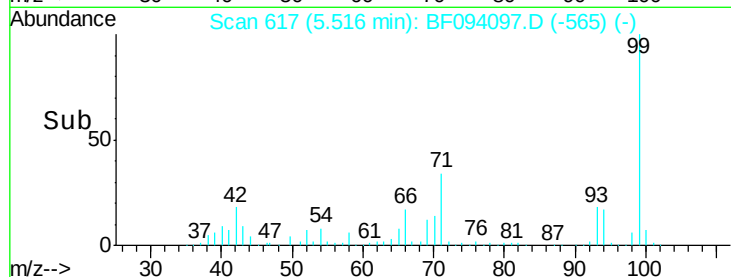
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.15 ng

RT: 5.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

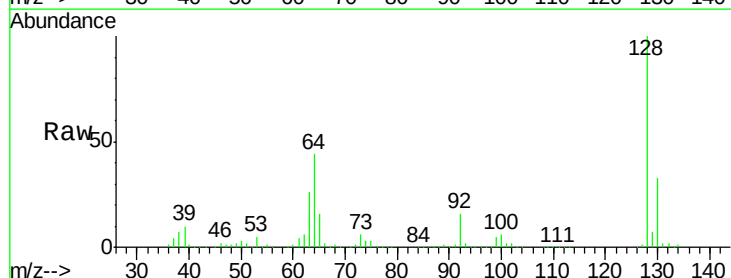
Tgt Ion: 128 Resp: 586665

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

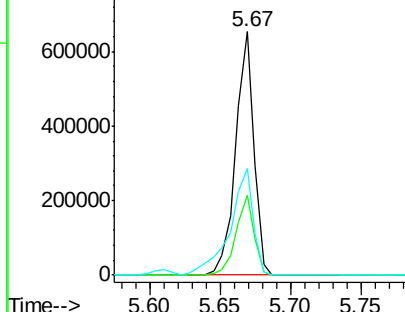
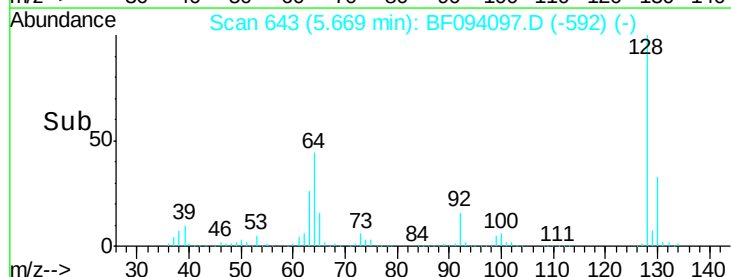
64 43.8 28.4 68.4

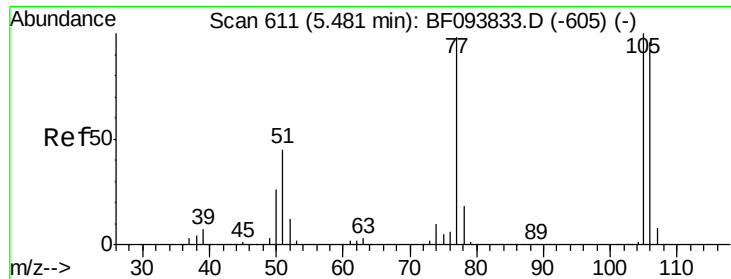


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





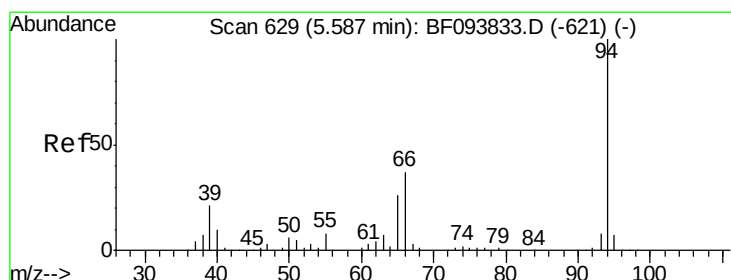
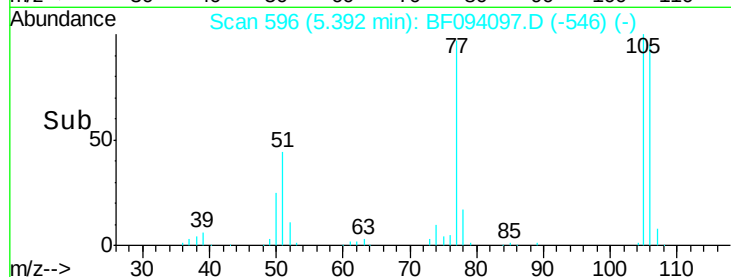
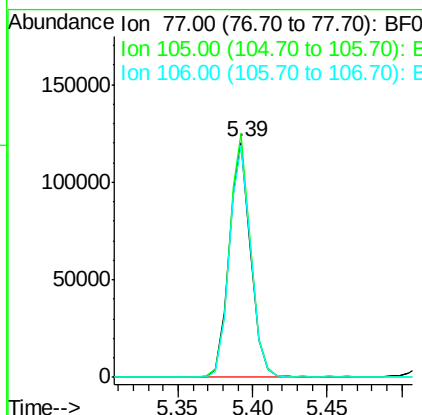
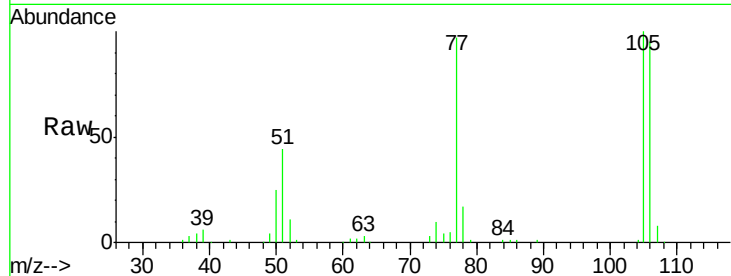
#9
Benzaldehyde
Concen: 13.97 ng
RT: 5.39 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.5	83.8	123.8
106	98.6	79.1	119.1

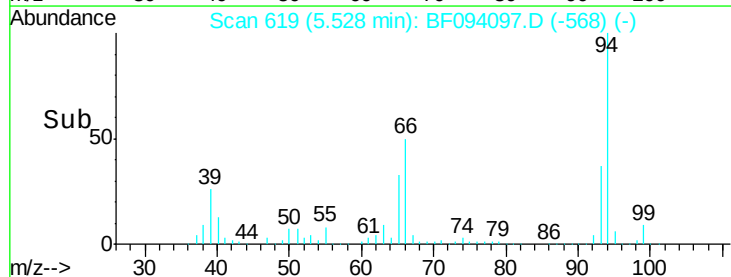
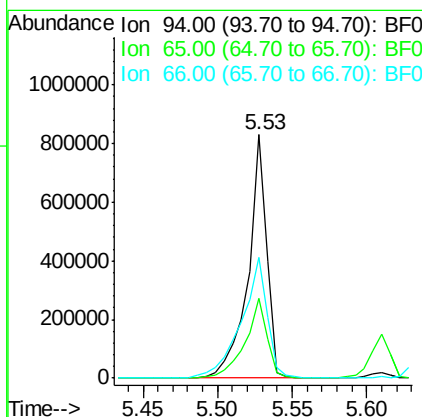
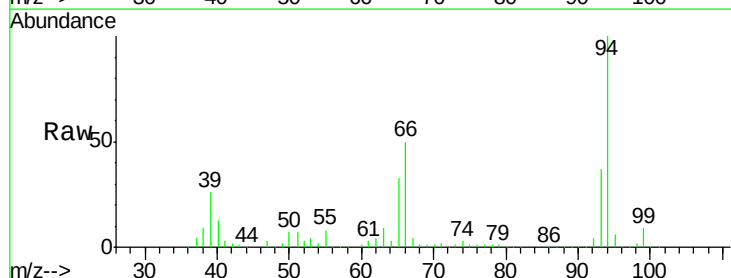
Manual Integrations
APPROVED

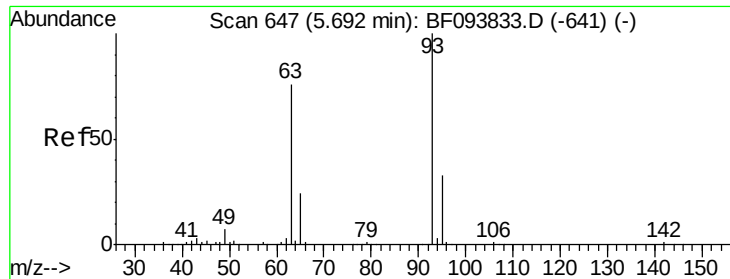
mohammad
4/3/2017 3:25:40 PM



#10
Phenol
Concen: 48.56 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.9	49.9
66	49.6	23.1	63.1





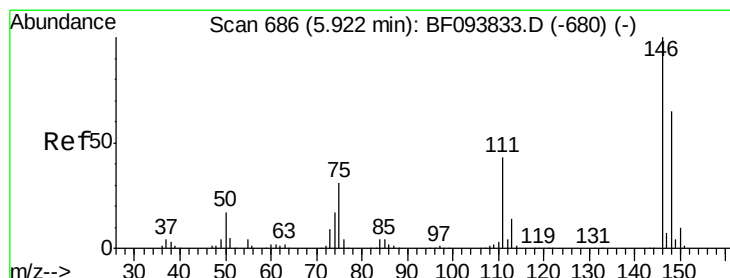
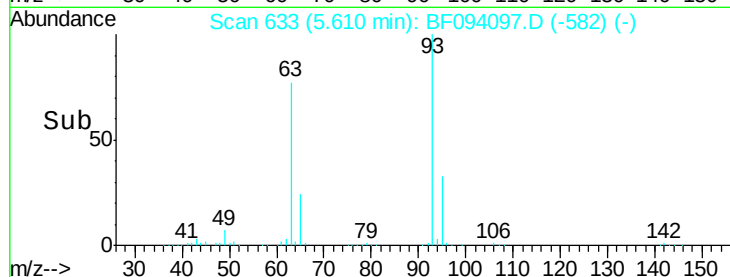
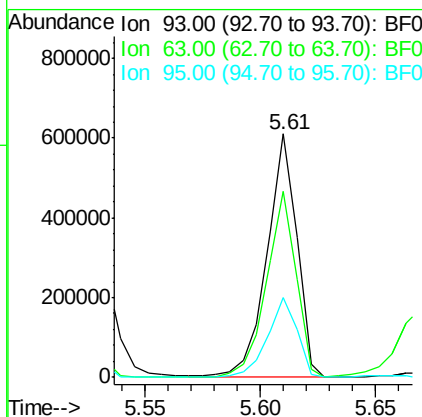
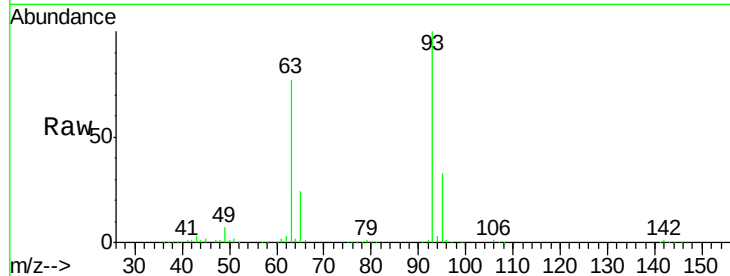
#11
bis(2-Chloroethyl)ether
Concen: 47.75 ng
RT: 5.61 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.6	59.2	99.2
95	32.6	12.8	52.8

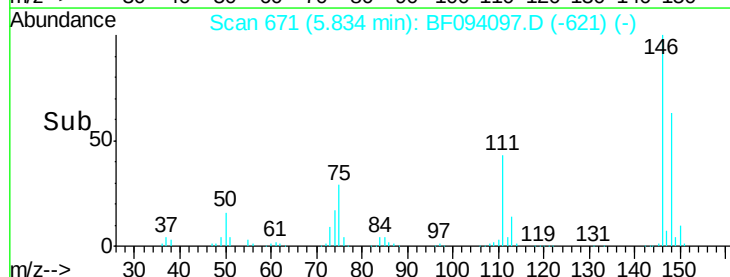
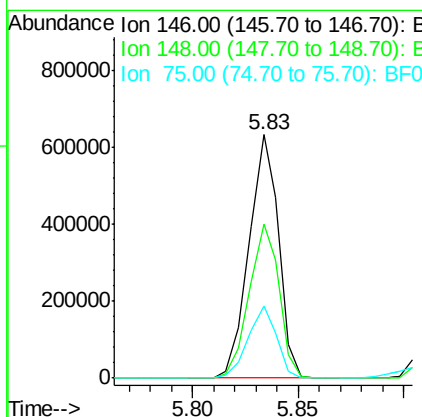
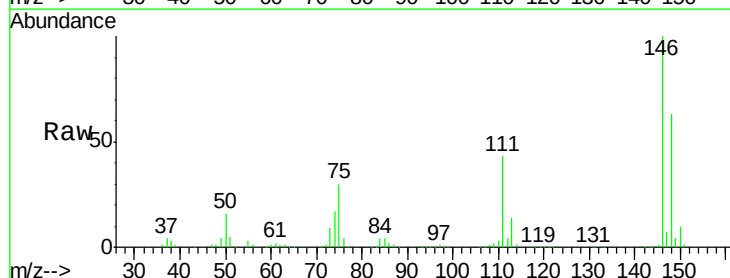
Manual Integrations
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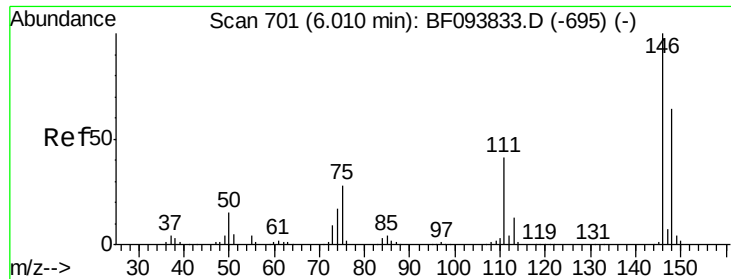
mohammad
4/3/2017 3:25:40 PM



#12
1,3-Dichlorobenzene
Concen: 47.79 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	29.5	23.1	34.7





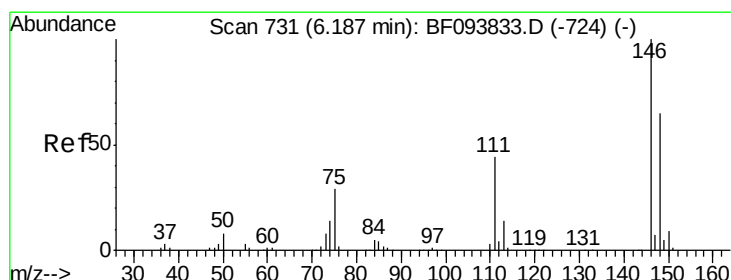
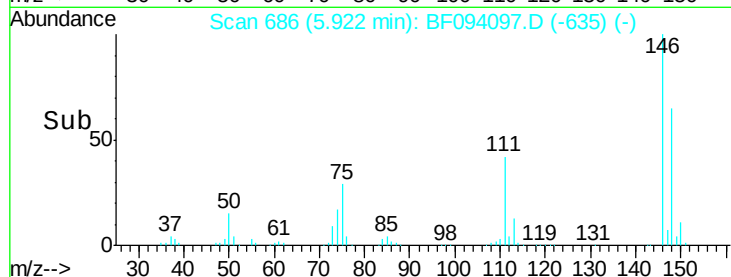
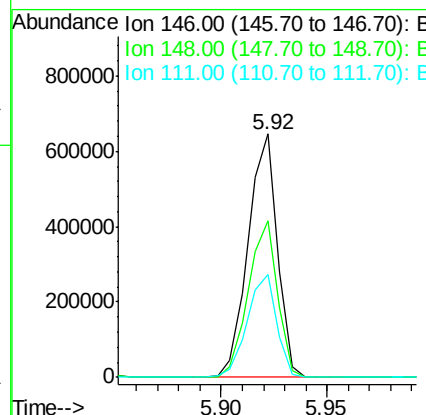
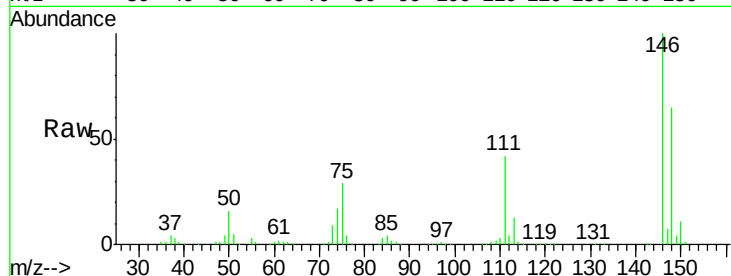
#13
 1,4-Dichlorobenzene
 Concen: 47.63 ng
 RT: 5.92 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	42.1	30.3	45.5

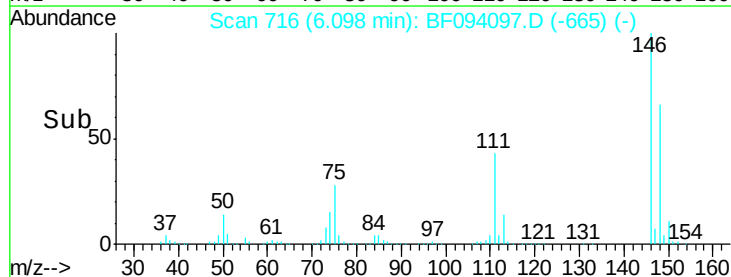
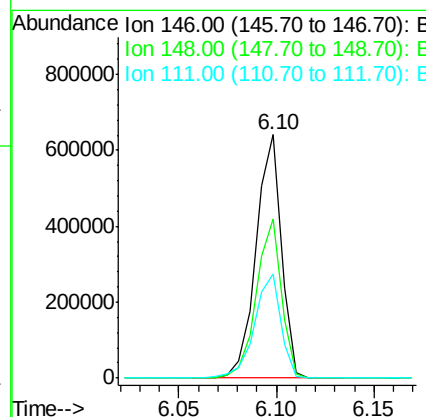
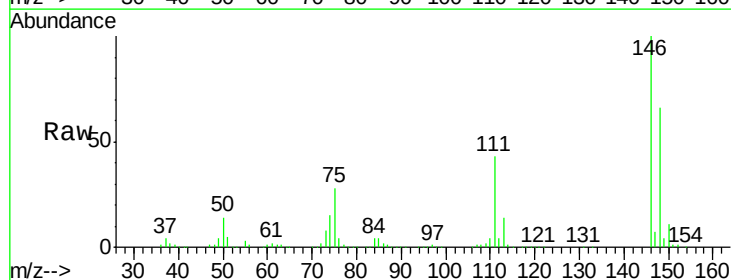
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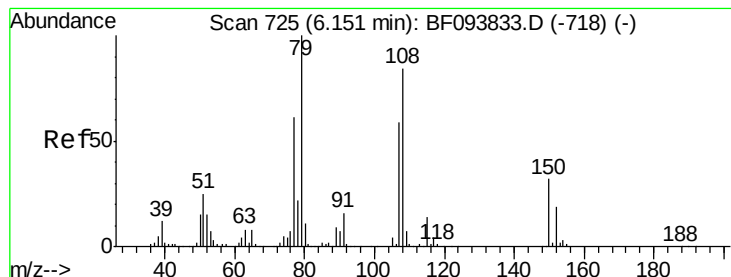
mohammad
 4/3/2017 3:25:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.89 ng
 RT: 6.10 min Scan# 716
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.4	75.6
111	42.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 50.45 ng

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

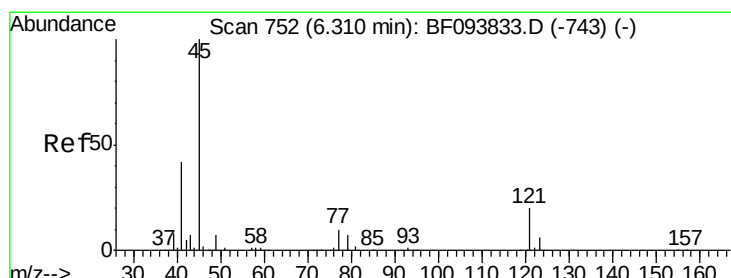
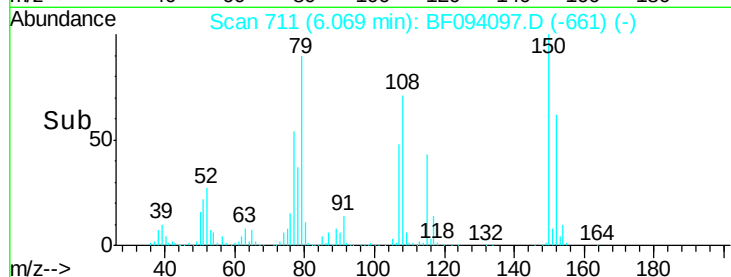
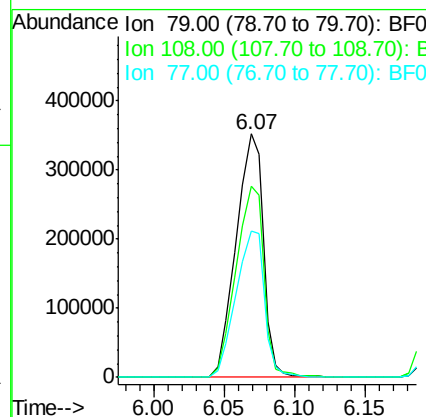
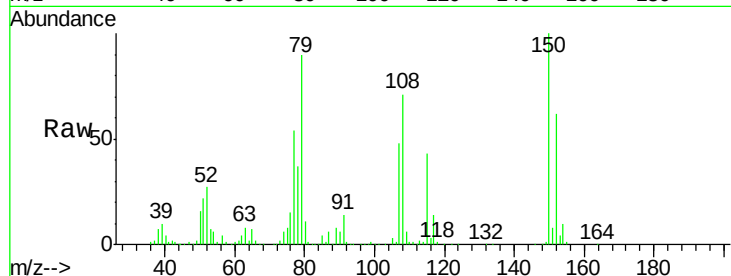
ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion:	79	Resp:	476697
Ion Ratio	Lower	Upper	
79	100		
108	78.5	63.4	95.0
77	60.2	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.67 ng

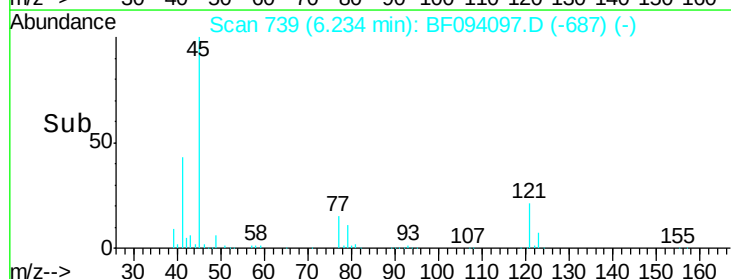
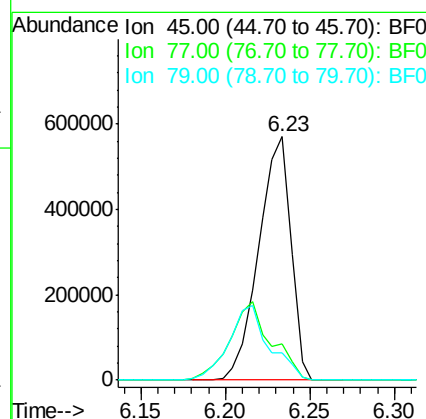
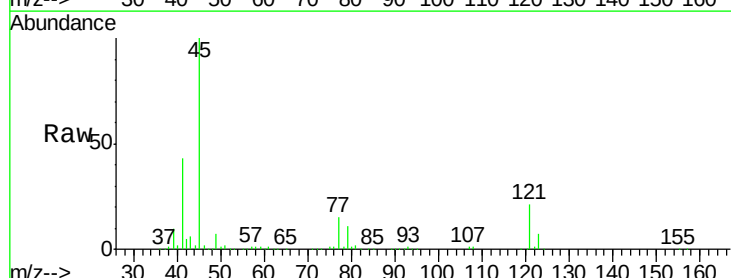
RT: 6.23 min Scan# 739

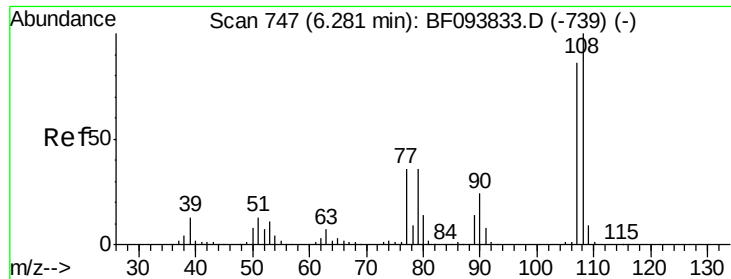
Delta R.T. 0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Tgt Ion:	45	Resp:	754817
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	33.2
79	11.4	0.0	30.0





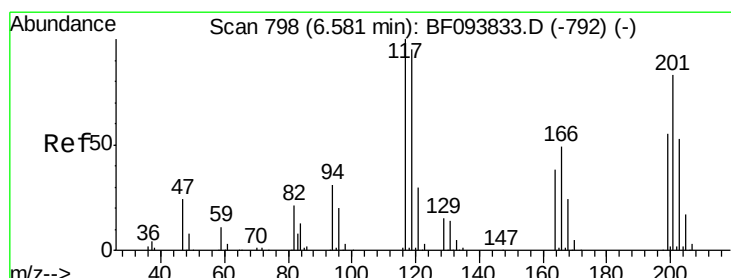
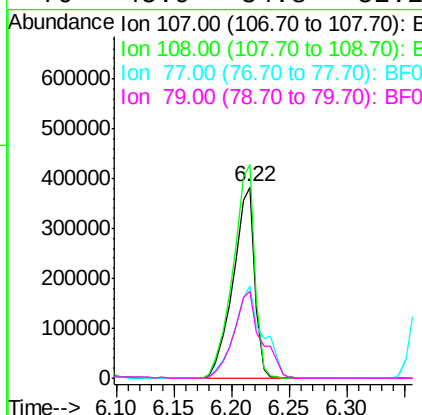
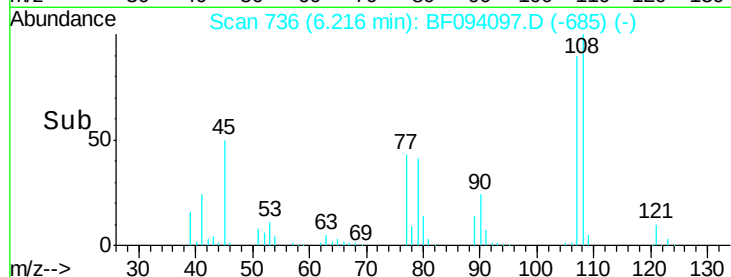
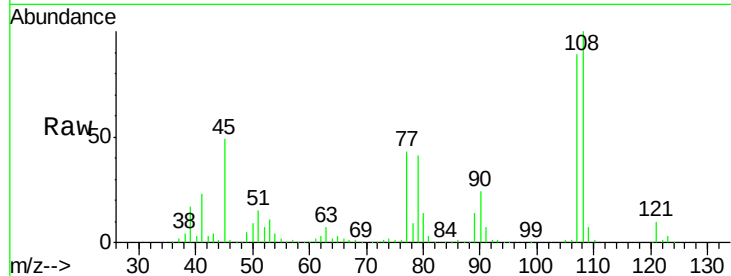
#17
2-Methylphenol
Concen: 50.59 ng
RT: 6.22 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	496940		
108	108	111.9	93.4	140.0	
77	77	48.4	35.8	53.6	
79	79	45.9	34.8	52.2	

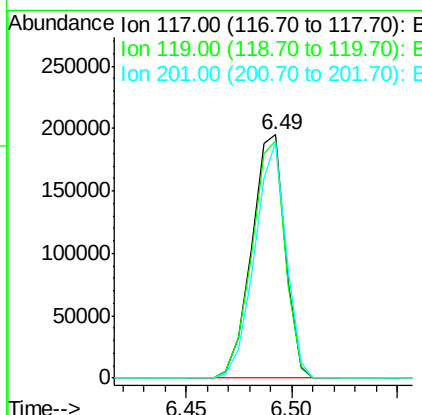
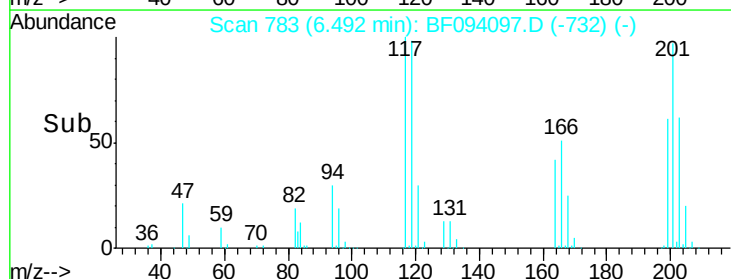
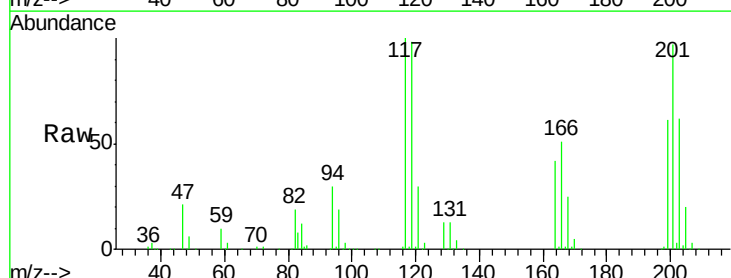
Manual Integrations
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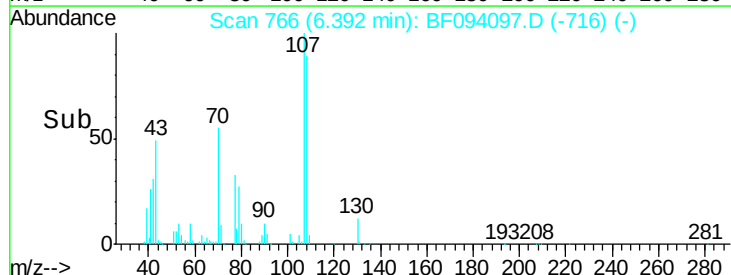
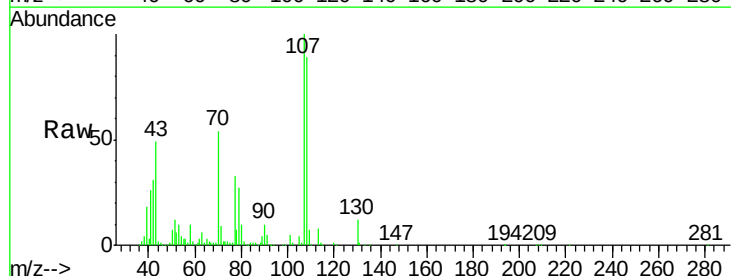
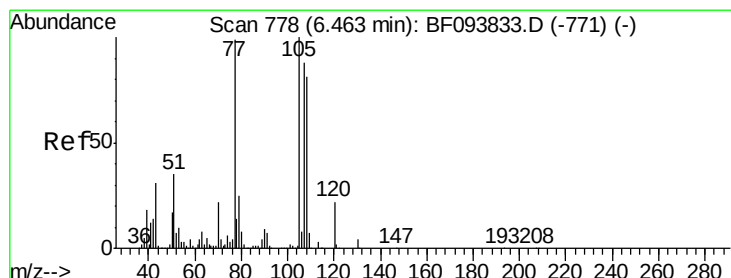
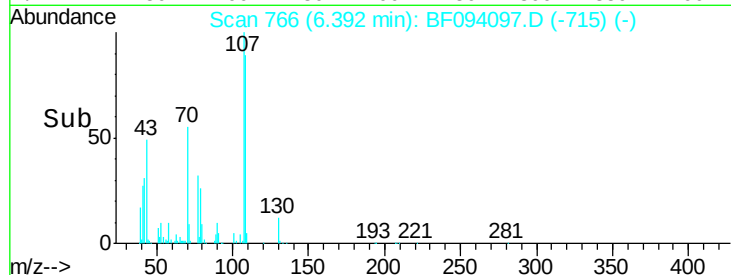
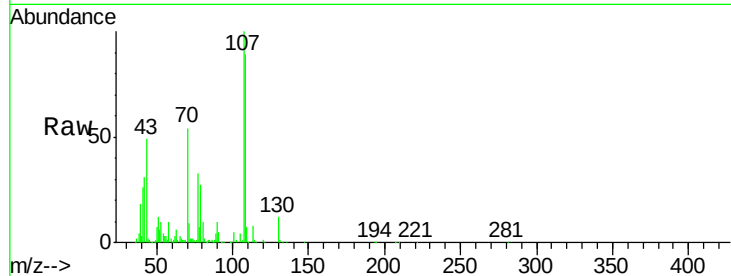
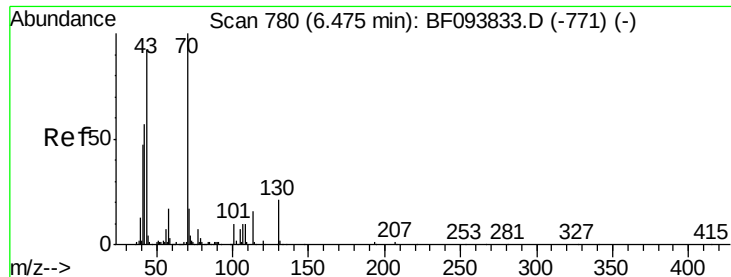
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#18
Hexachloroethane
Concen: 46.91 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	214863		
119	119	97.7	77.4	116.0	
201	201	96.8	94.6	141.8	





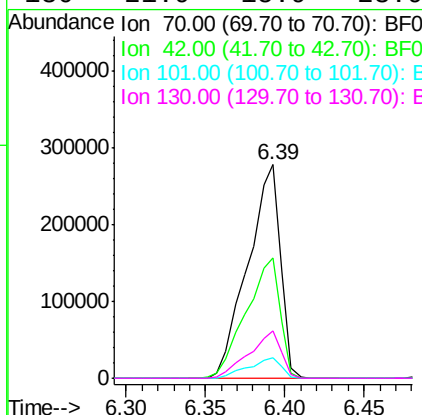
#19
n-Nitroso-di-n-propylamine
Concen: 48.09 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	47.2	70.8	
101	9.6	7.2	10.8	
130	21.9	15.9	23.9	

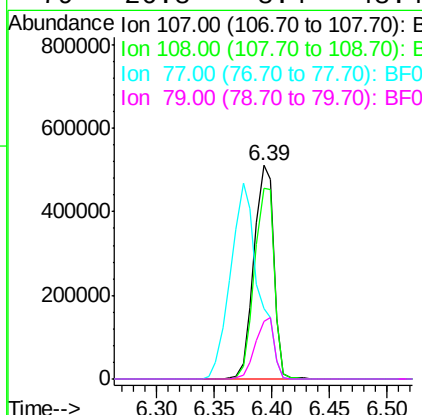
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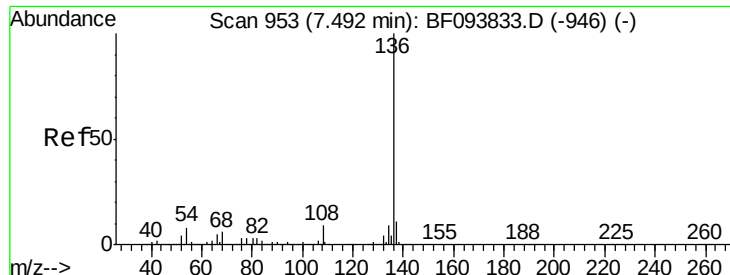
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#20
3+4-Methylphenols
Concen: 51.92 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.3	71.0	111.0	
77	33.0	90.5	130.5	
79	26.8	8.4	48.4	





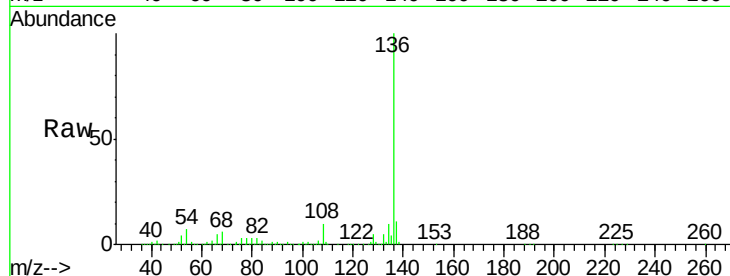
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

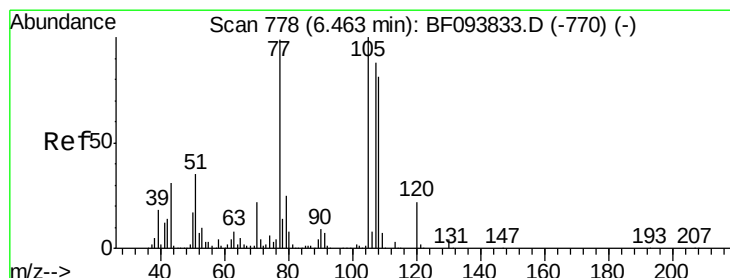
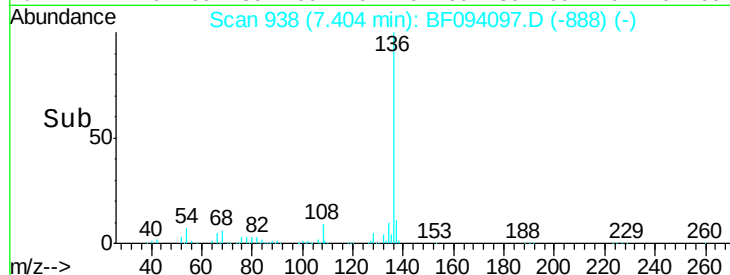
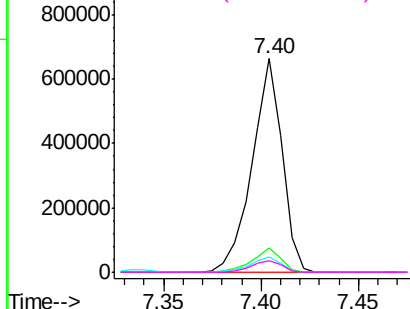
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		703823		
137	11.3	8.5	12.7		
54	7.4	4.9	7.3#		
68	5.7	4.1	6.1		

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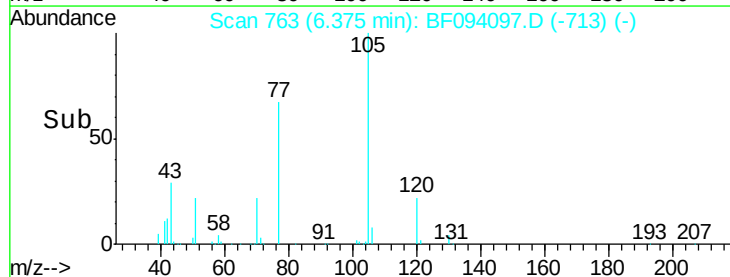
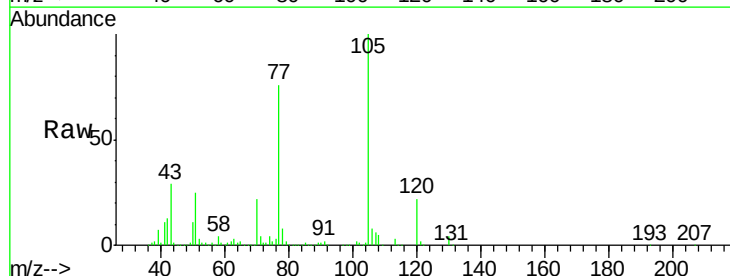
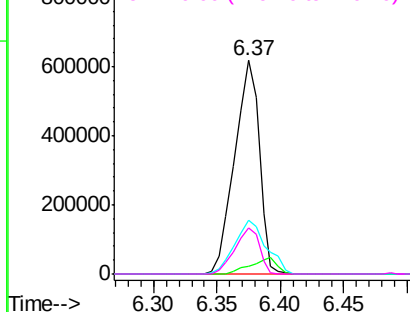
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

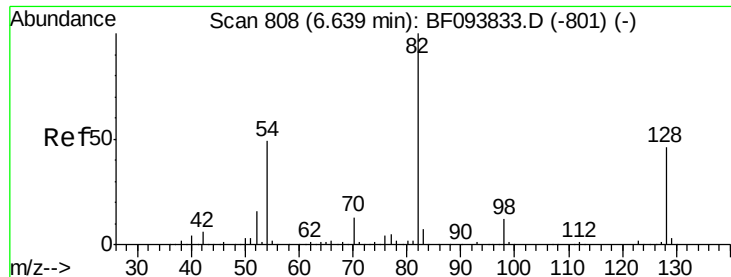


#22
Acetophenone
Concen: 52.85 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		829090		
71	3.7	2.8	4.2		
51	25.4	30.7	46.1#		
120	21.6	17.4	26.0		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





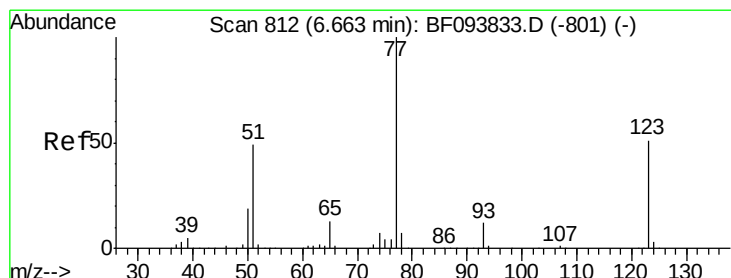
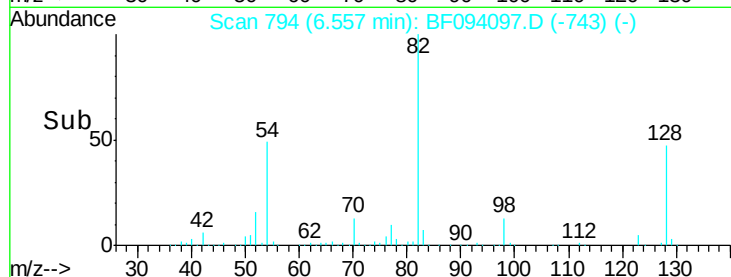
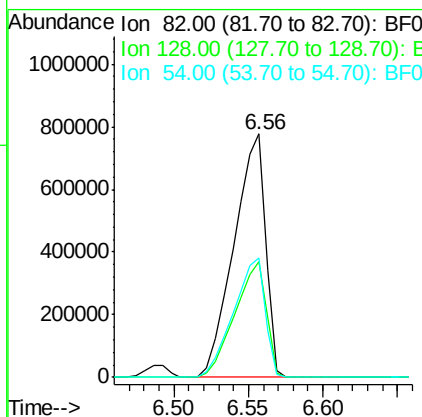
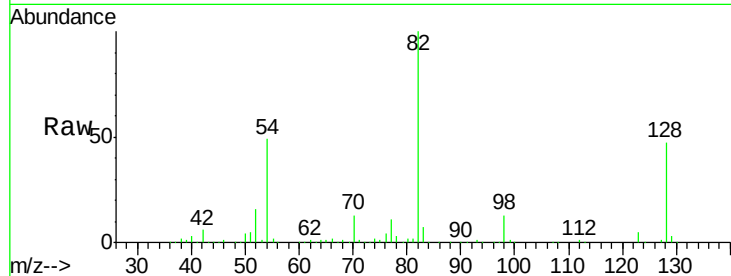
#23
Nitrobenzene-d5
Concen: 93.11 ng
RT: 6.56 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	82	Resp	1148311
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.0	51.0
54	49.1	42.2	63.2

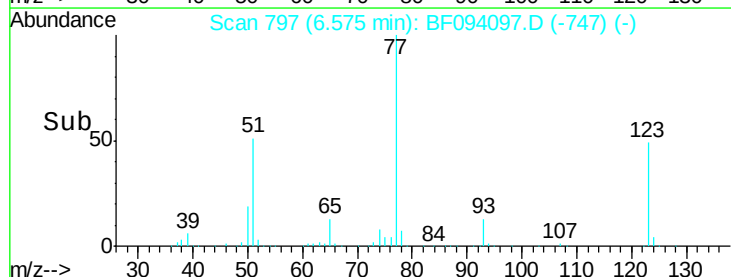
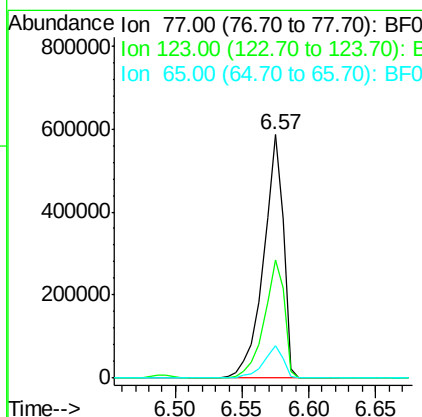
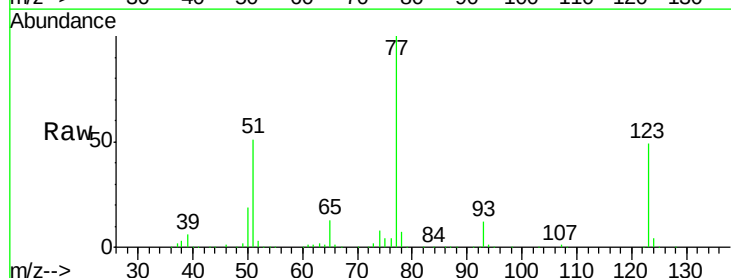
Manual Integrations
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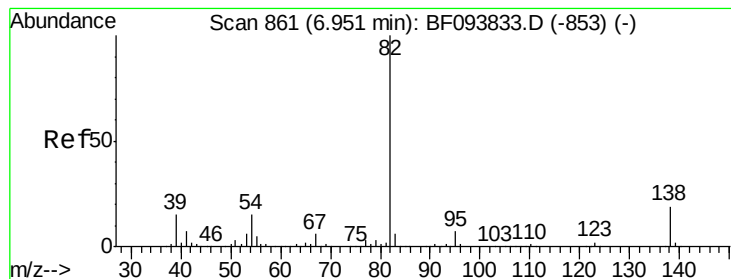
mohammad
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#24
Nitrobenzene
Concen: 49.45 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	77	Resp	601524
Ion Ratio	Lower	Upper	
77	100		
123	48.5	35.8	53.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 49.68 ng

RT: 6.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion: 82 Resp: 1076605

Ion Ratio Lower Upper

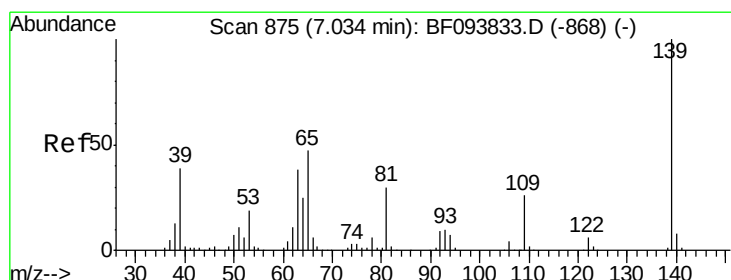
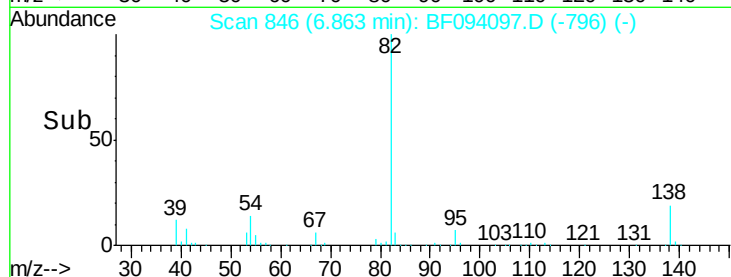
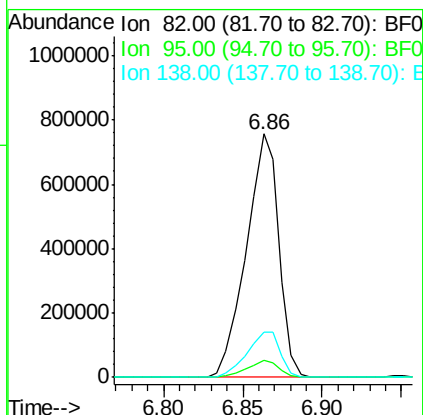
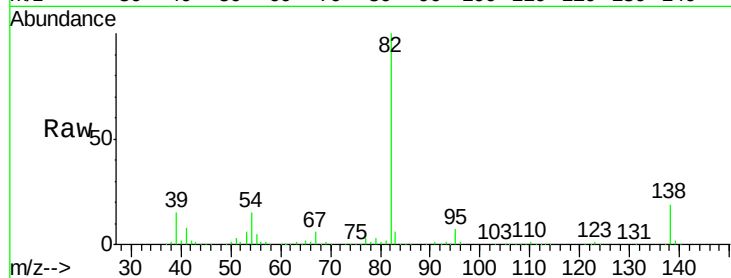
82 100

95 7.0 5.3 7.9

138 18.6 13.1 19.7

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#26

2-Nitrophenol

Concen: 57.15 ng

RT: 6.95 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

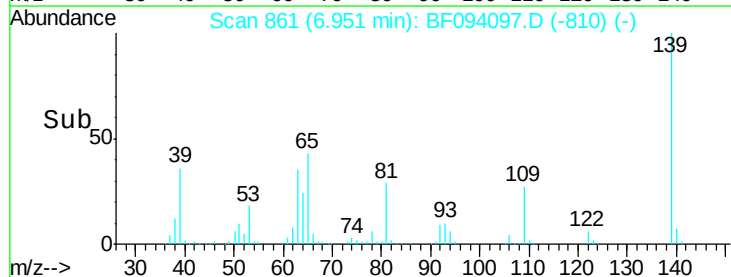
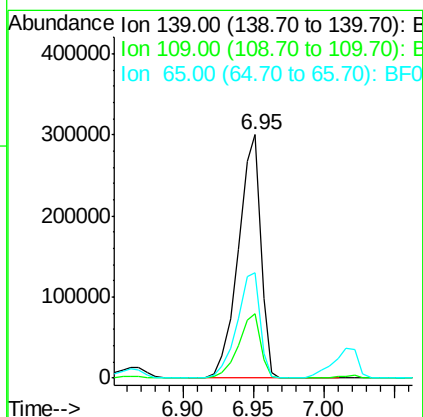
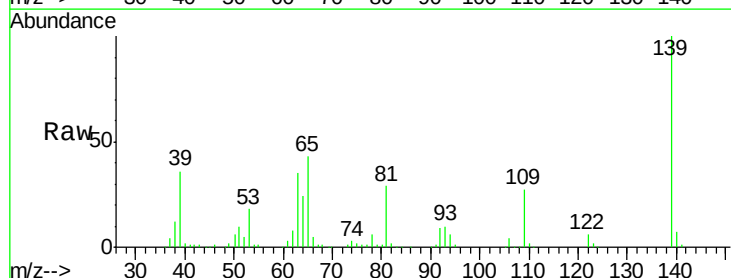
Tgt Ion: 139 Resp: 331489

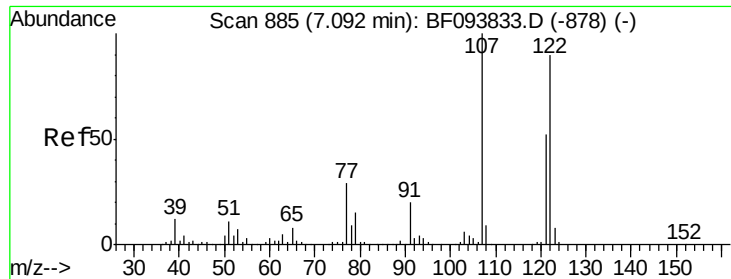
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 43.2 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 53.25 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

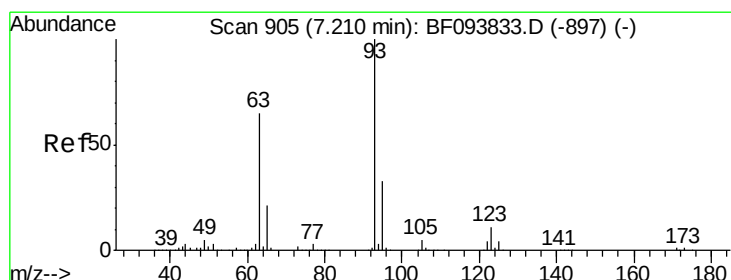
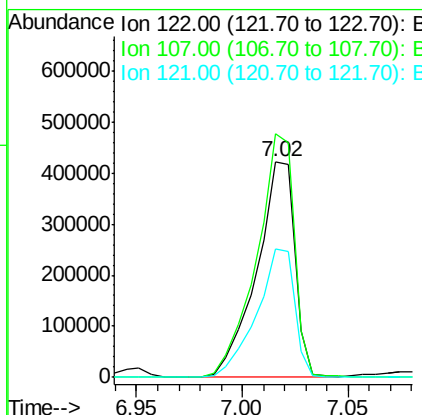
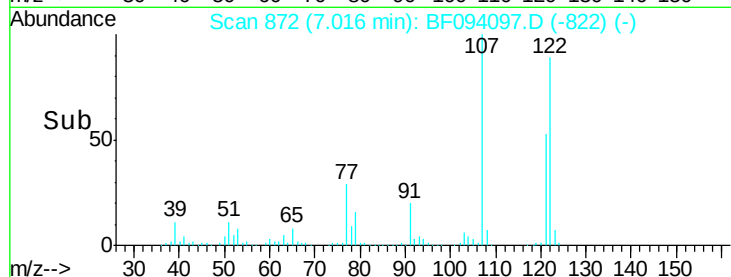
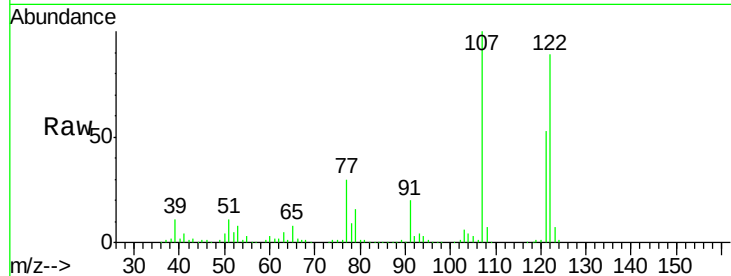
ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion:	122	Resp:	532261
Ion Ratio	Lower	Upper	
122	100		
107	112.7	89.2	133.8
121	59.5	45.2	67.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 48.88 ng

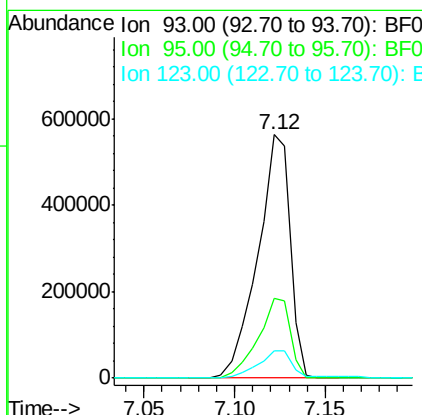
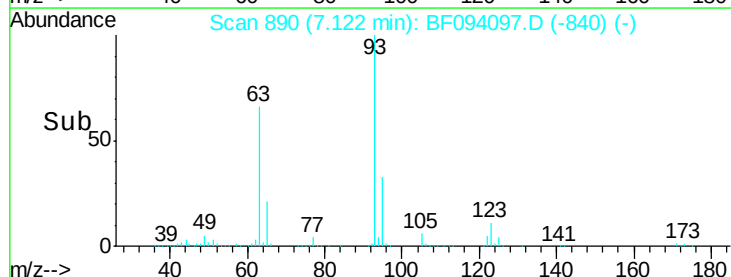
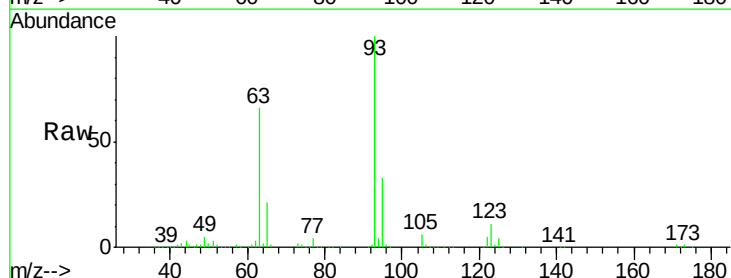
RT: 7.12 min Scan# 890

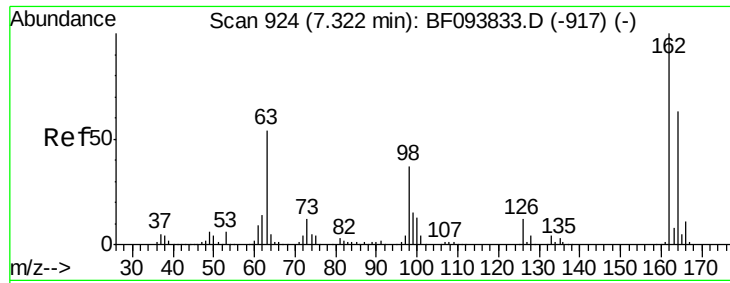
Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Tgt Ion:	93	Resp:	698496
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	11.4	9.0	13.4





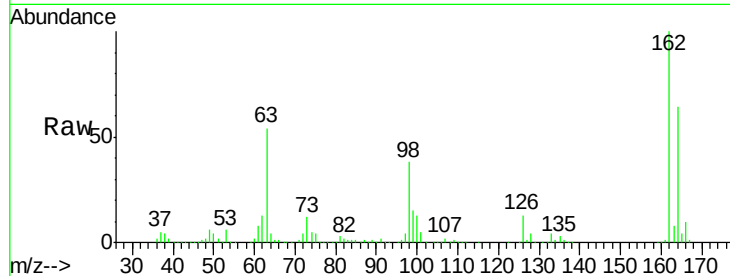
#29
2,4-Dichlorophenol
Concen: 54.55 ng
RT: 7.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

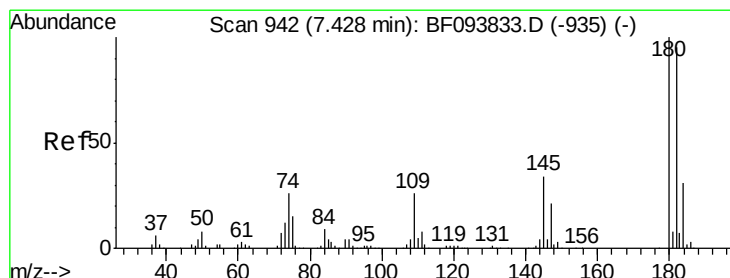
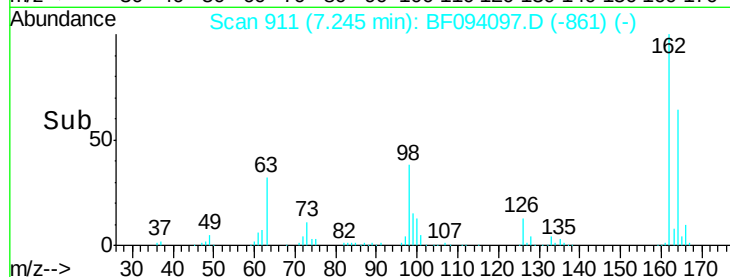
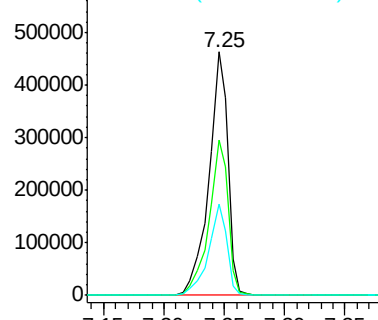
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		509804		
164	63.5	44.6		84.6	
98	37.7	14.8		54.8	

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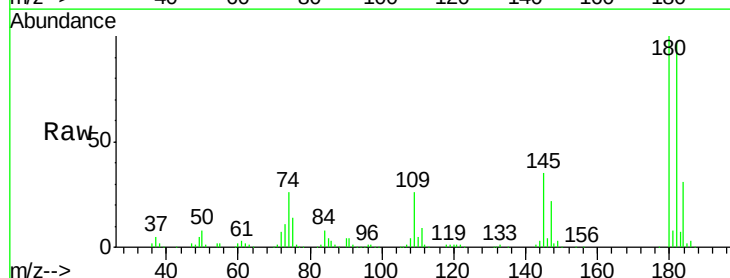


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

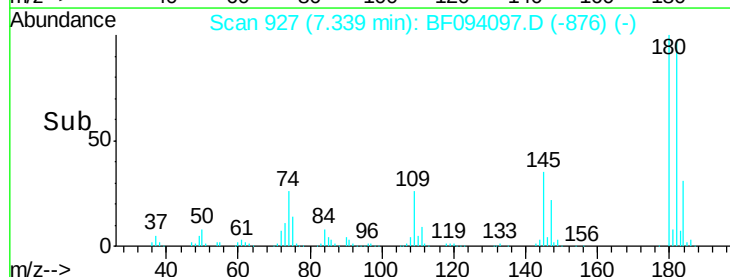
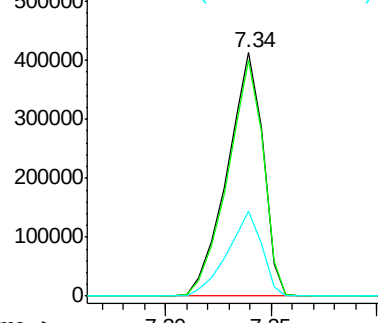


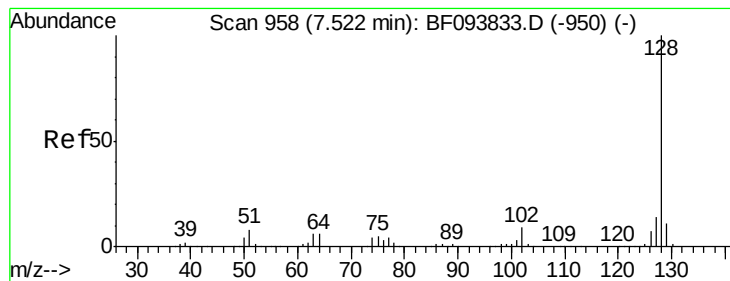
#30
1,2,4-Trichlorobenzene
Concen: 50.47 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		485763		
182	96.9	75.8		113.6	
145	34.7	25.3		37.9	



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





#31

Naphthalene

Concen: 48.39 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion:128 Resp: 1637591

Ion Ratio Lower Upper

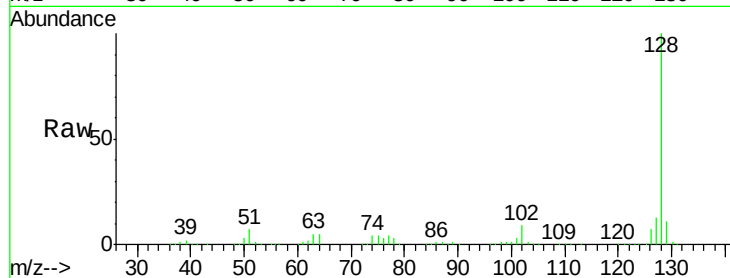
128 100

129 11.1 9.0 13.6

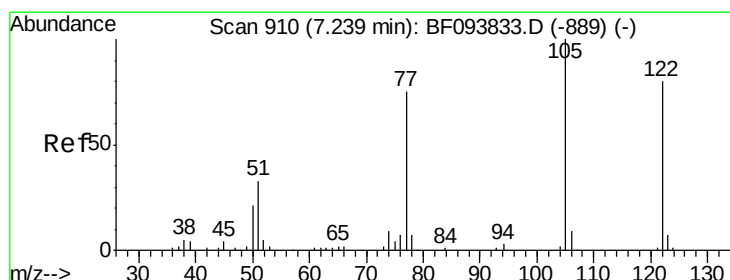
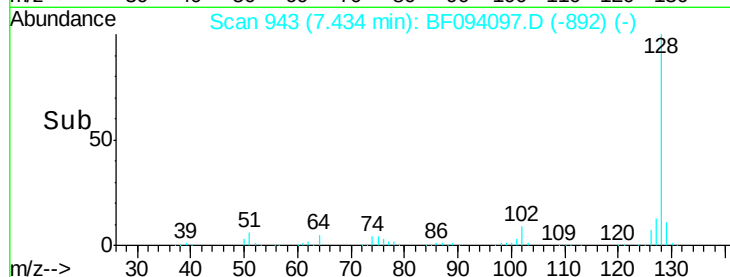
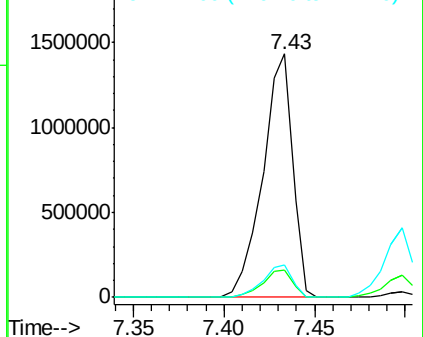
127 13.4 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.31 ng

RT: 7.16 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

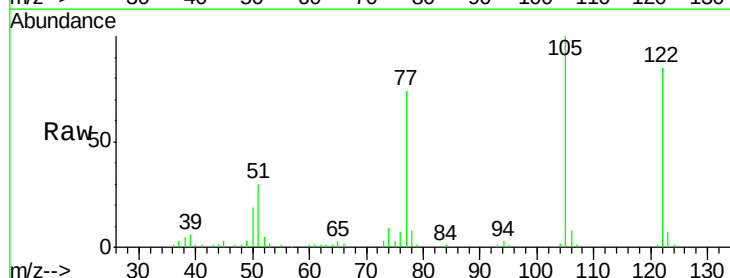
Tgt Ion:122 Resp: 181693

Ion Ratio Lower Upper

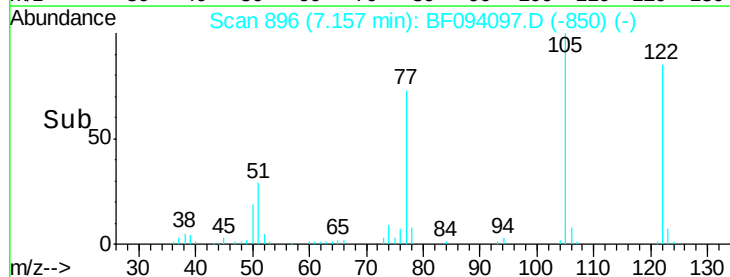
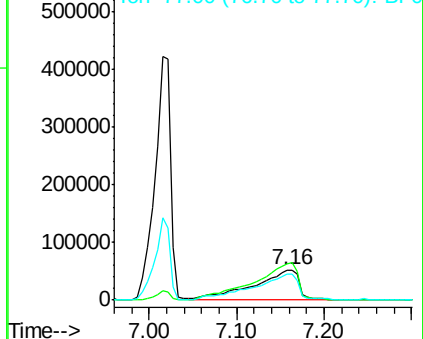
122 100

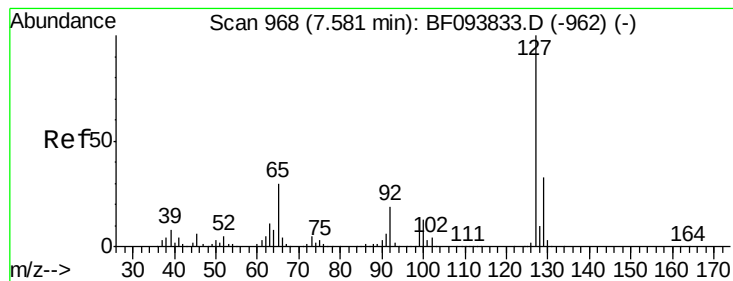
105 117.0 103.3 143.3

77 86.9 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





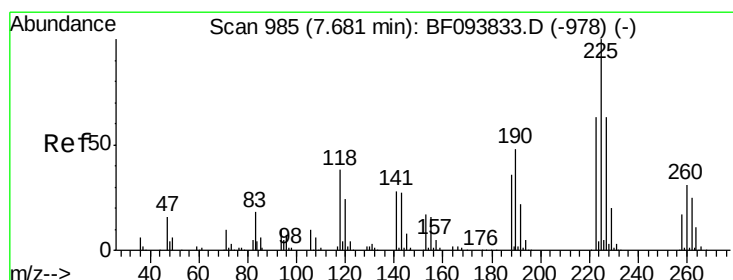
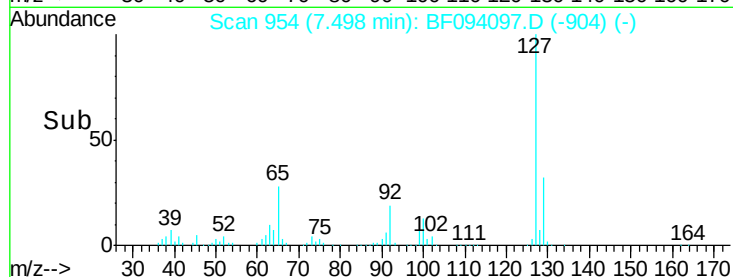
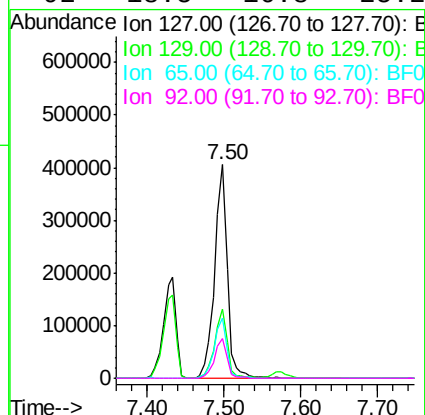
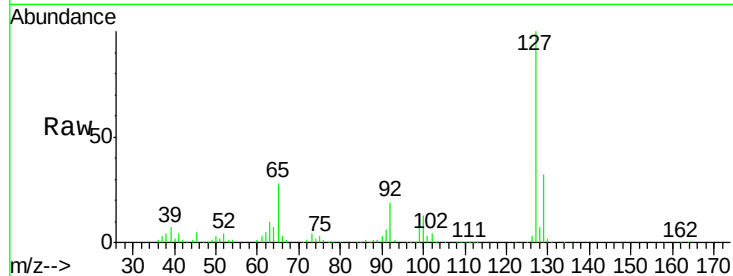
#33
4-Chloroaniline
Concen: 33.21 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.2	39.2		
65	28.1	27.8	41.8		
92	18.5	16.8	25.2		

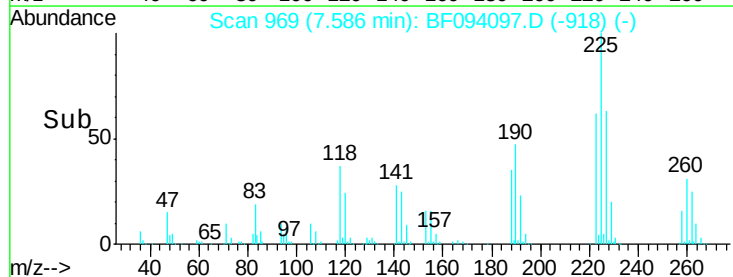
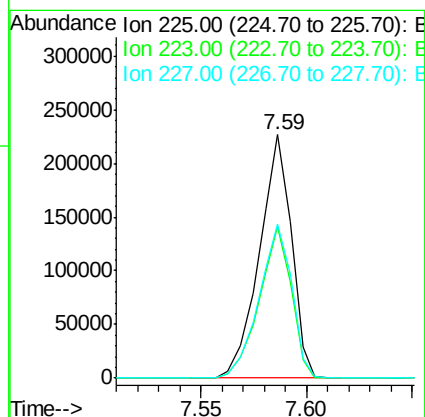
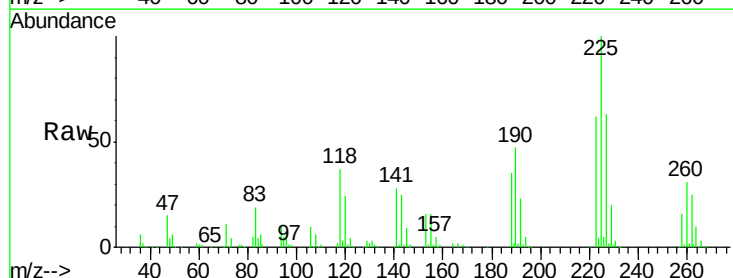
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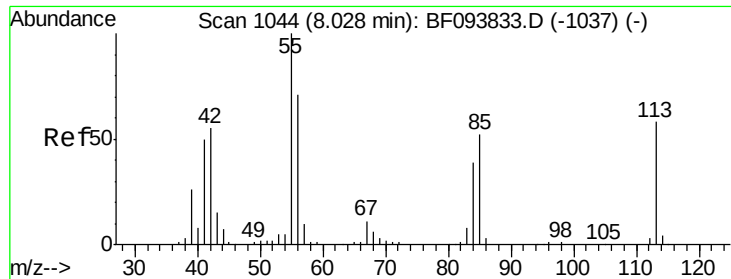
mohammad
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#34
Hexachlorobutadiene
Concen: 48.43 ng
RT: 7.59 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	48.8	73.2		
227	63.5	51.1	76.7		





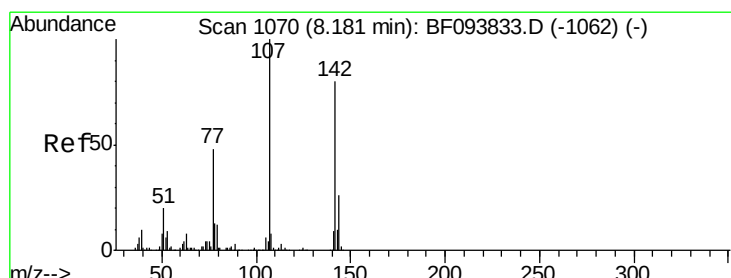
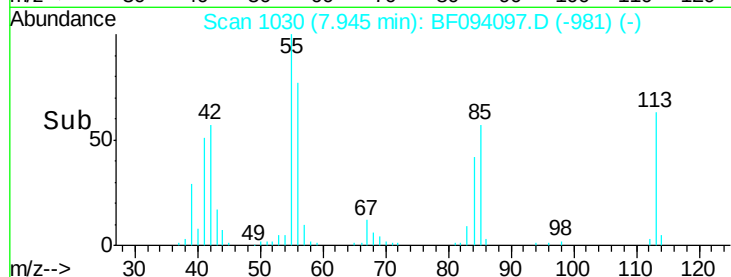
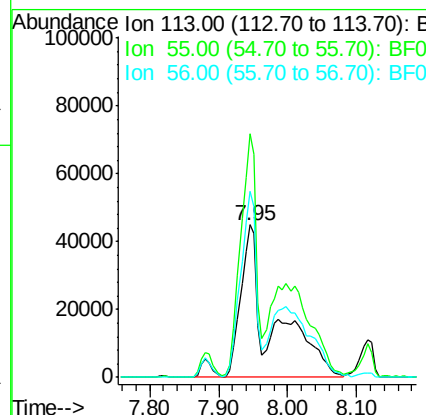
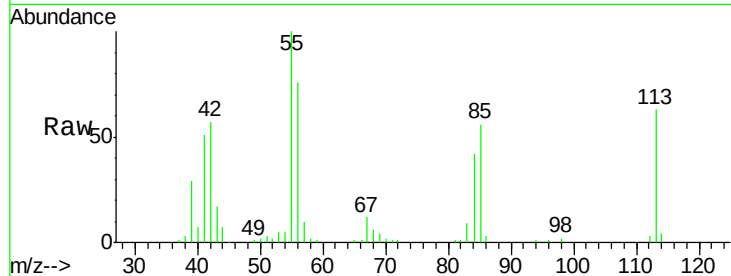
#35
Caprolactam
Concen: 49.34 ng/ml
RT: 7.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.8	150.2	190.2
56	122.1	107.8	147.8

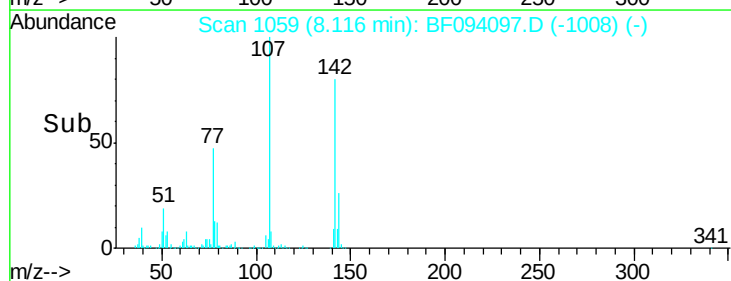
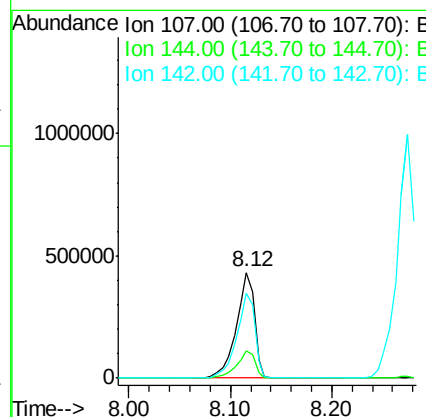
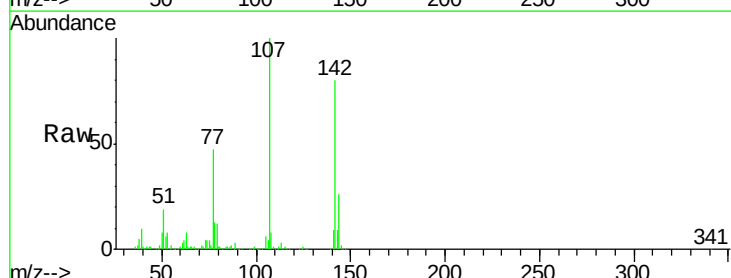
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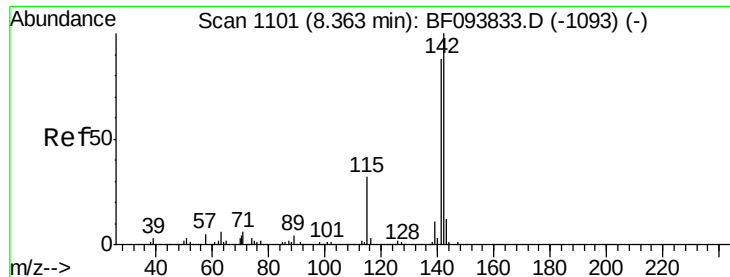
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#36
4-Chloro-3-methylphenol
Concen: 54.92 ng/ml
RT: 8.12 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	24.2	36.4
142	79.6	73.4	110.0





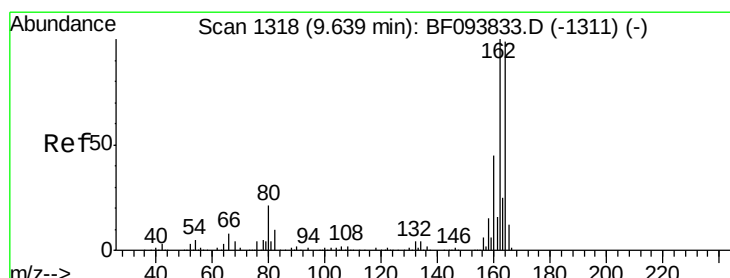
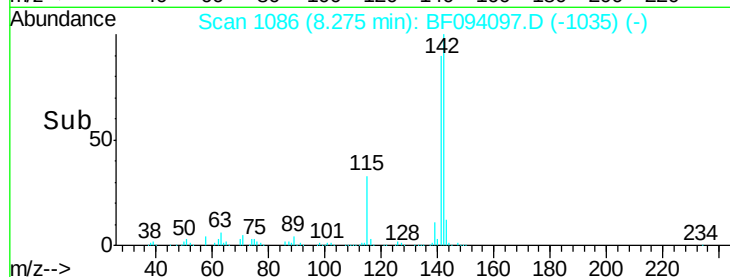
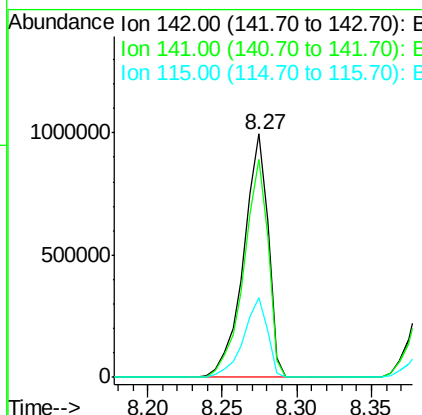
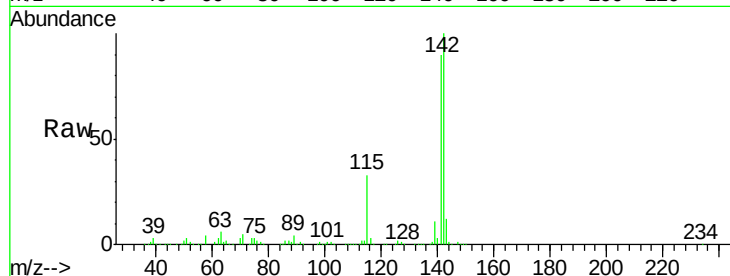
#37
 2-Methylnaphthalene
 Concen: 50.09 ng
 RT: 8.27 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9
115	32.6	27.1	40.7

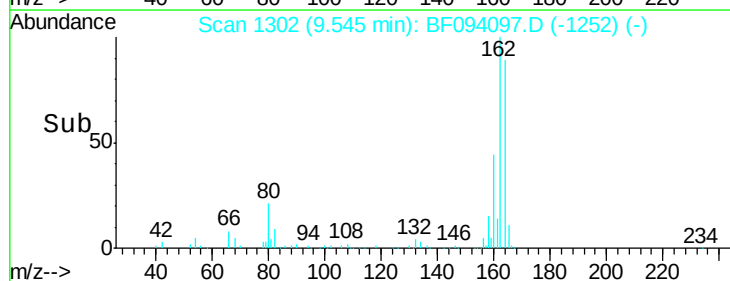
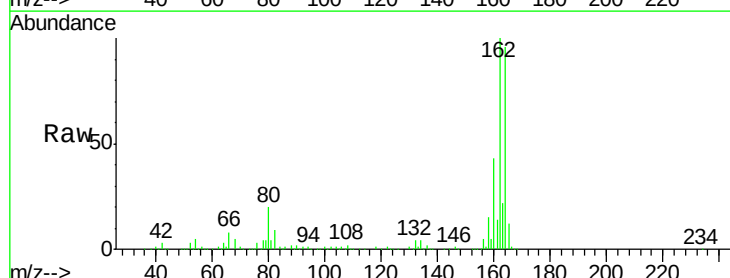
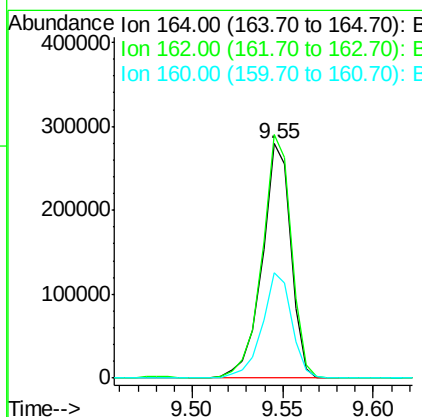
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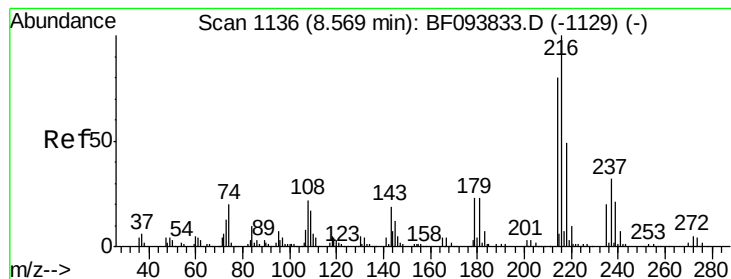
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	44.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.63 ng

RT: 8.48 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

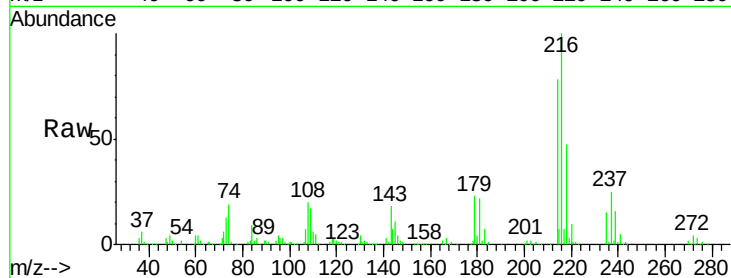
ClientSampleId :

B-42-S2(2.0-2.5)MS

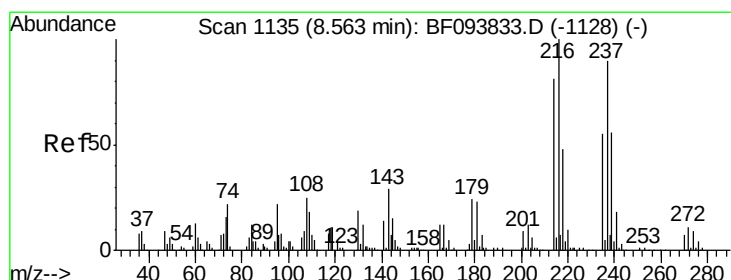
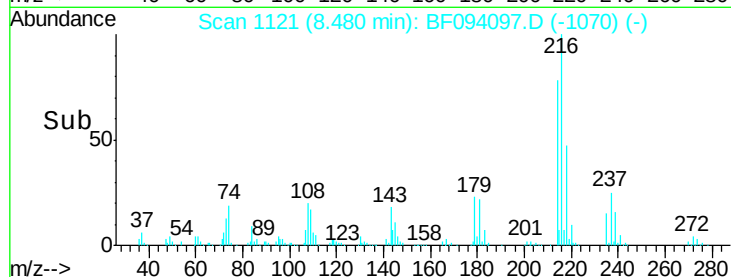
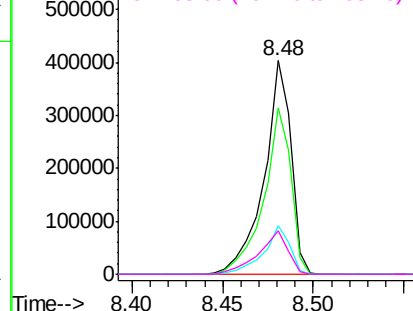
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		417826		
214	78.0		63.4	95.2	
179	22.2		17.9	26.9	
108	22.0		16.5	24.7	

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



#40

Hexachlorocyclopentadiene

Concen: 96.47 ng

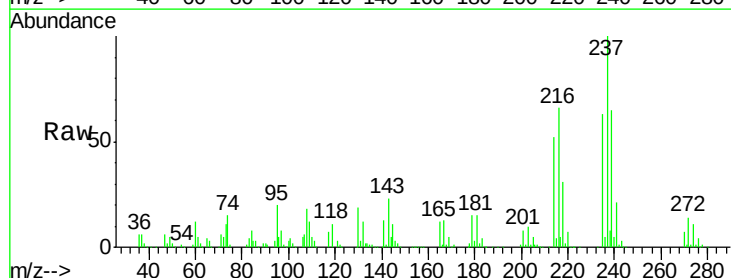
RT: 8.47 min Scan# 1120

Delta R.T. -0.00 min

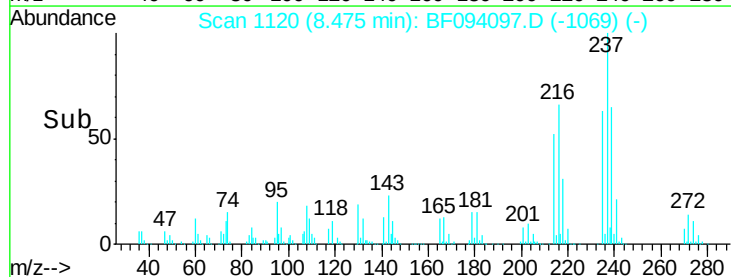
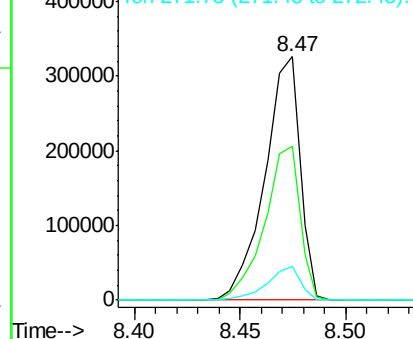
Lab File: BF094097.D

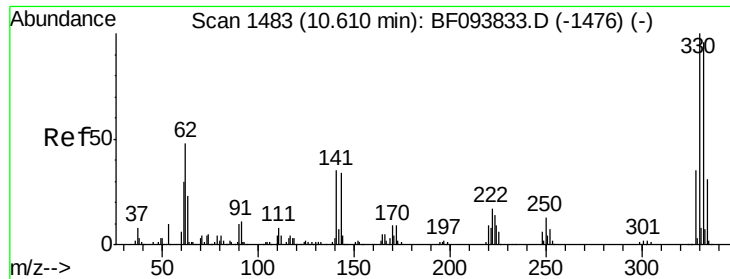
Acq: 31 Mar 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		380053		
235	63.1		42.6	82.6	
272	13.7		0.0	31.9	



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





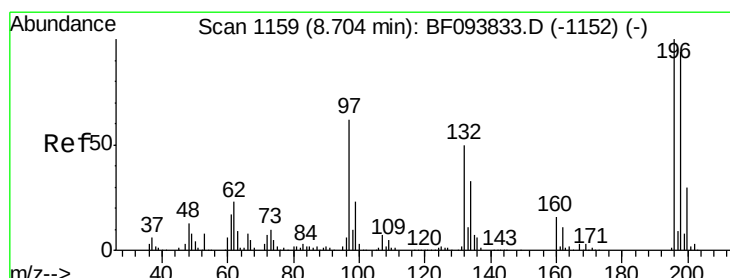
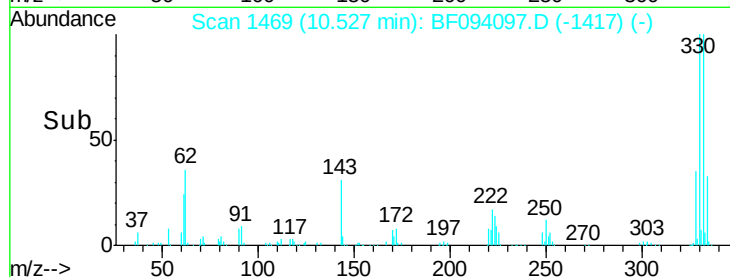
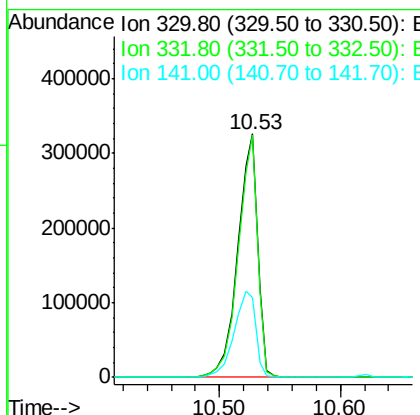
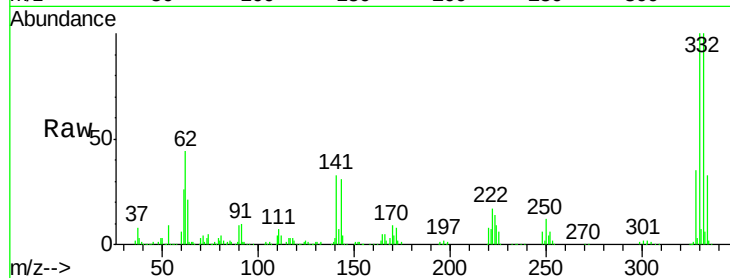
#41
 2,4,6-Tribromophenol
 Concen: 154.07 ng
 RT: 10.53 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	374685		
332	97.1	76.6	115.0	
141	38.7	31.4	47.2	

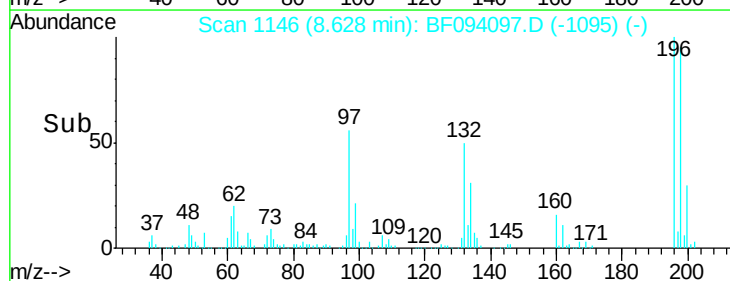
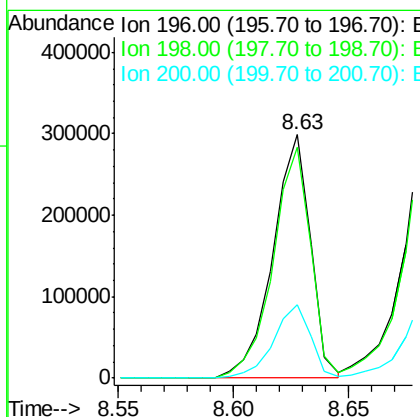
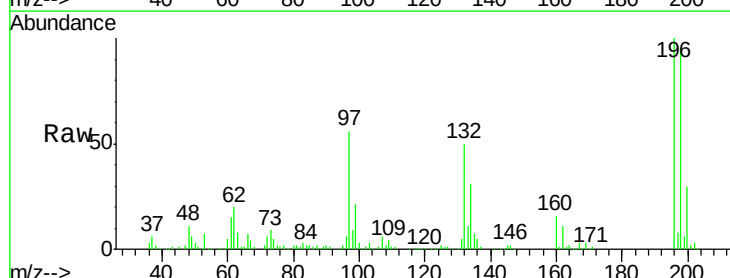
Manual Integrations
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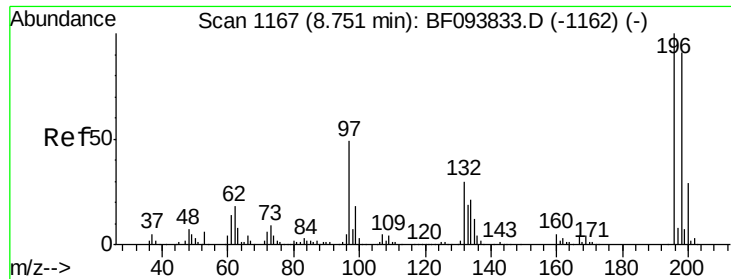
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 56.50 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336522		
198	94.9	74.2	111.4	
200	30.1	24.0	36.0	





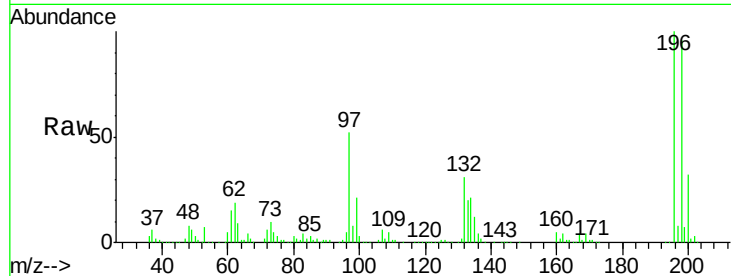
#43
 2,4,5-Trichlorophenol
 Concen: 52.73 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

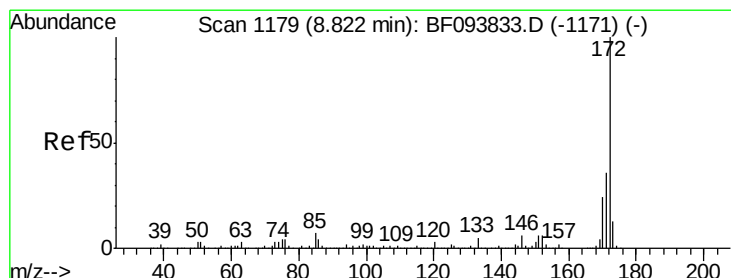
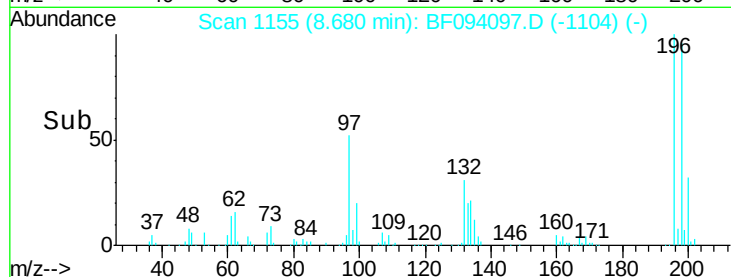
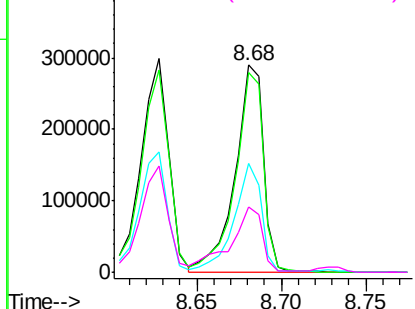
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		339832		
198	96.5	75.7	113.5		
97	52.4	47.7	71.5		
132	31.4	28.0	42.0		

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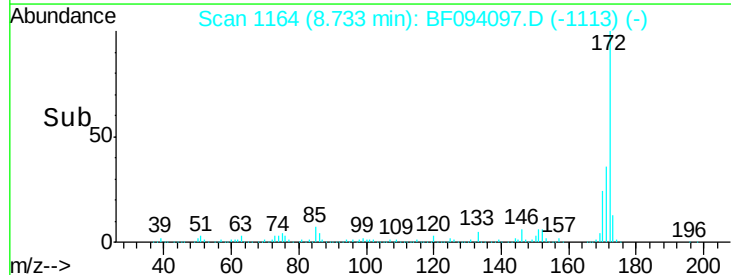
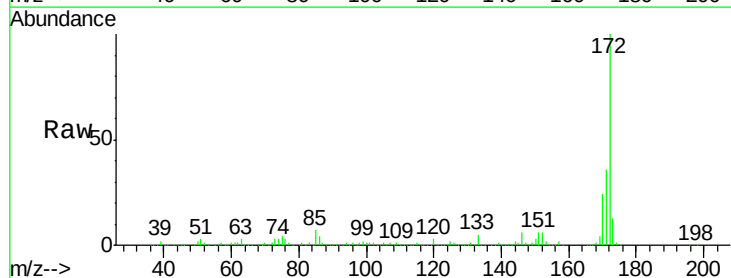
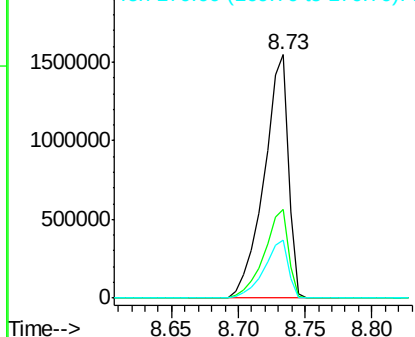
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

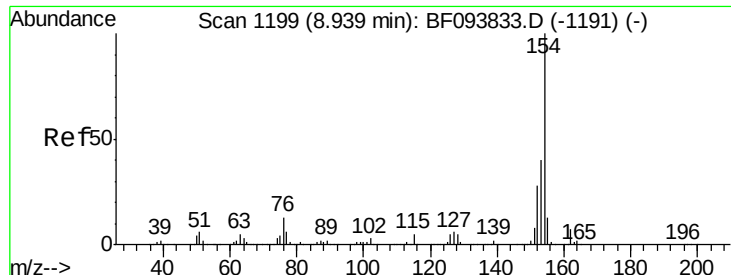


#44
 2-Fluorobiphenyl
 Concen: 96.66 ng
 RT: 8.73 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1950370		
171	36.5	29.6	44.4		
170	23.8	19.8	29.8		

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





#45

1,1'-Biphenyl

Concen: 50.04 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion:154 Resp: 1242077

Ion Ratio Lower Upper

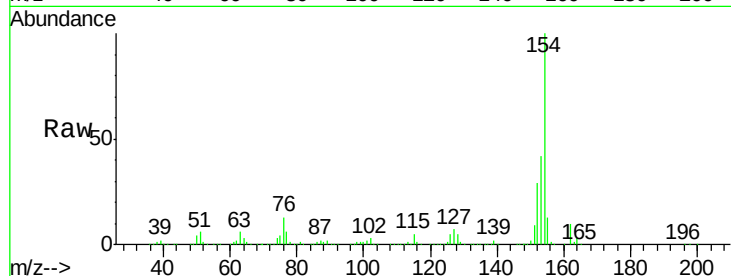
154 100

153 41.7 21.2 61.2

76 12.9 0.0 29.9

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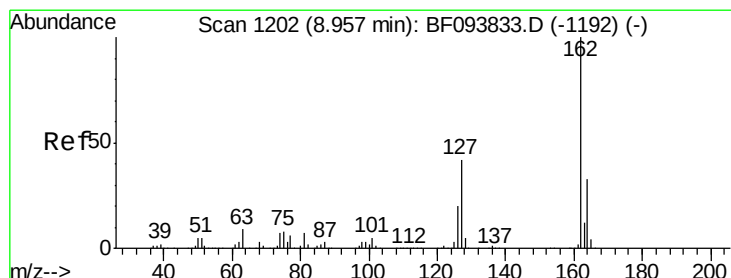
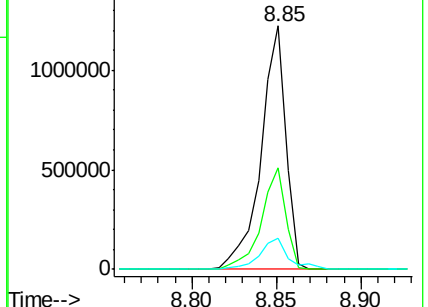
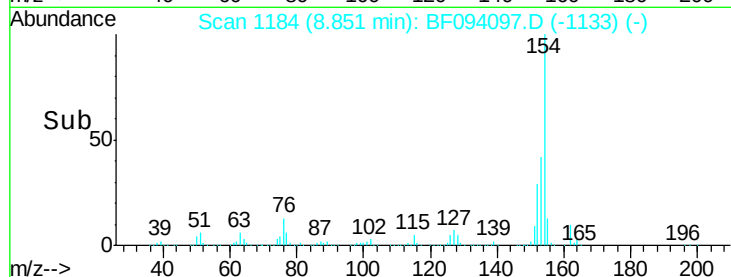
mohammad
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.44 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

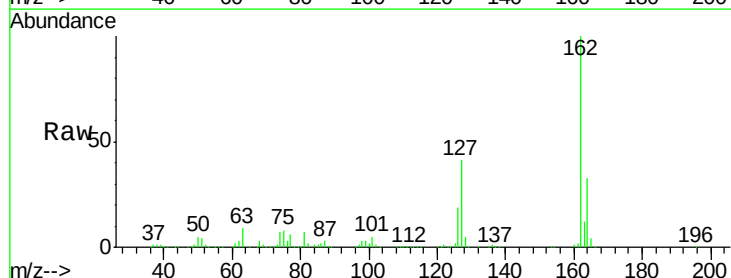
Tgt Ion:162 Resp: 999611

Ion Ratio Lower Upper

162 100

127 40.7 28.3 42.5

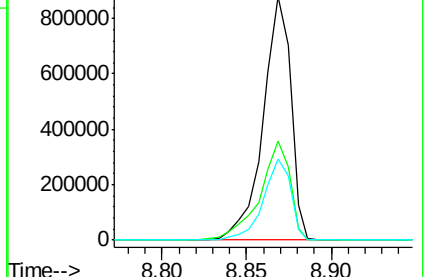
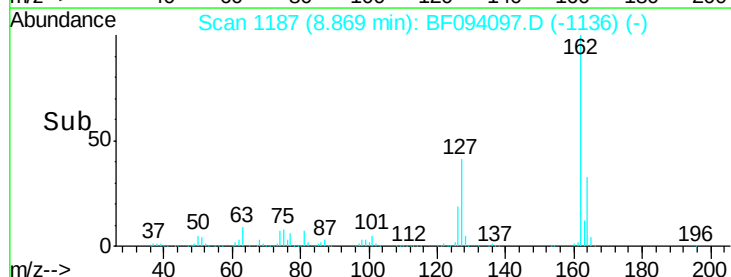
164 33.1 27.0 40.4

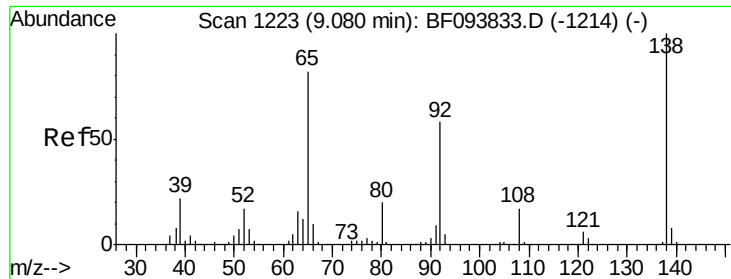


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





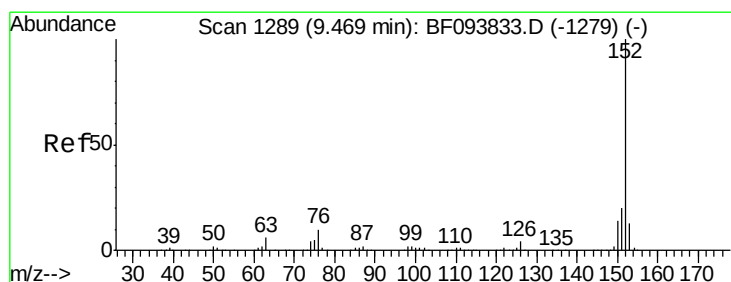
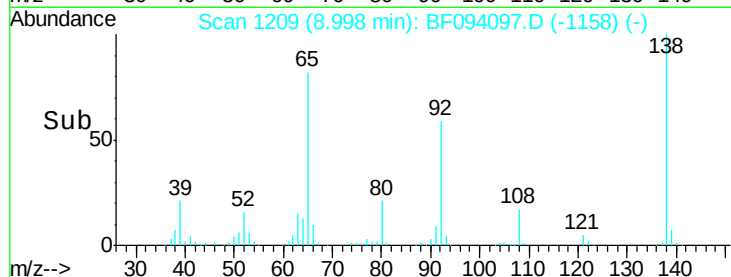
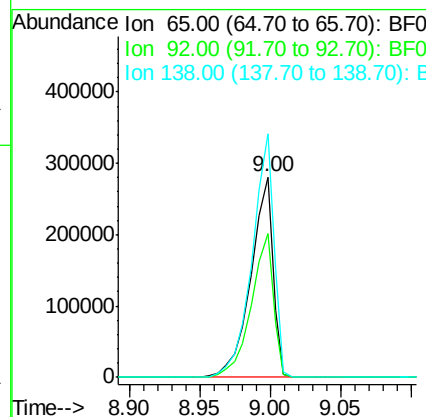
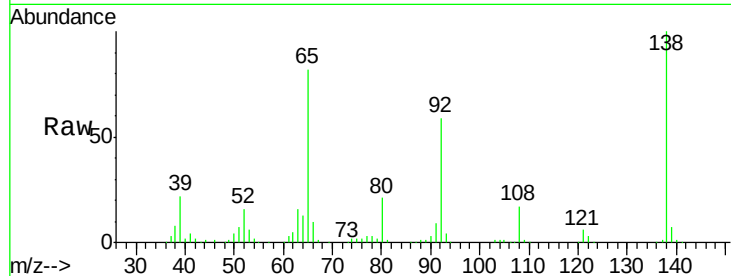
#47
2-Nitroaniline
Concen: 53.93 ng
RT: 9.00 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.9	80.9
138	121.4	78.8	118.2

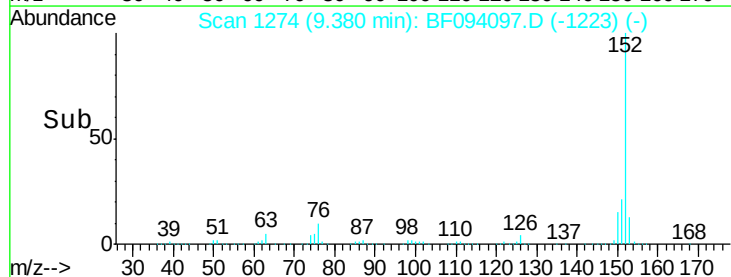
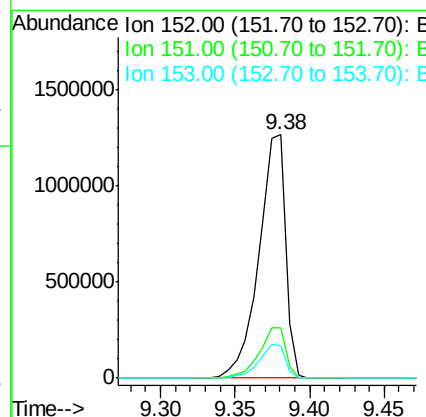
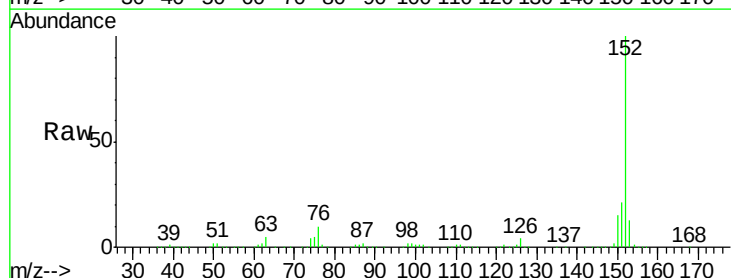
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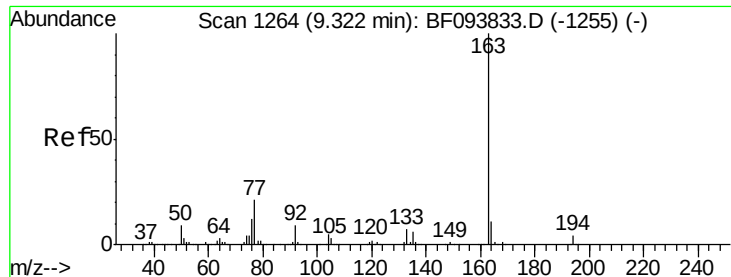
mohammad
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#48
Acenaphthylene
Concen: 48.12 ng
RT: 9.38 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.1	10.8	16.2





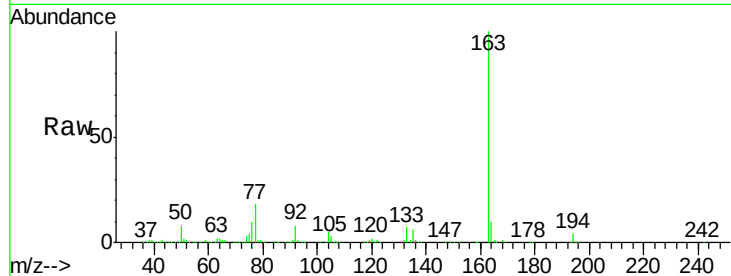
#49
Dimethylphthalate
Concen: 57.64 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

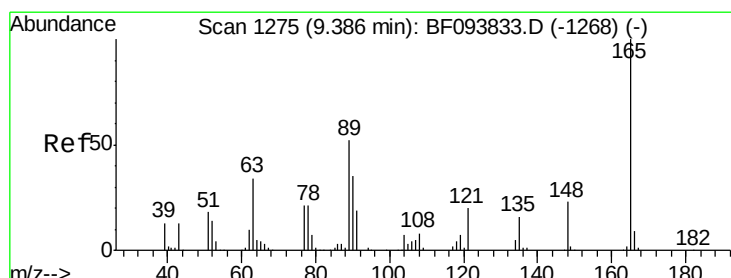
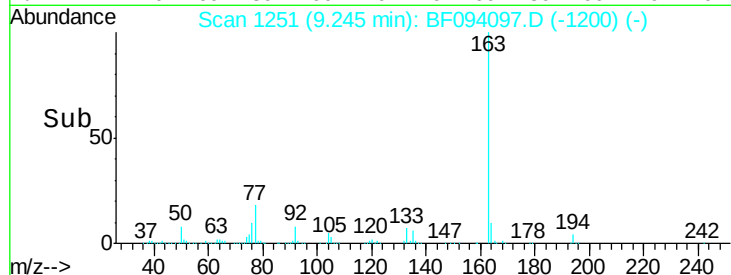
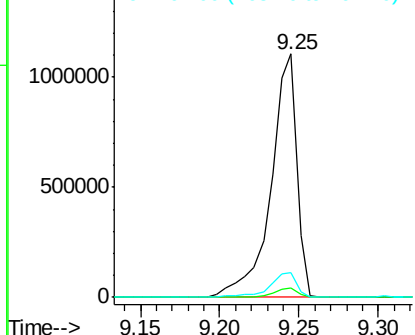
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.9	8.4	12.6

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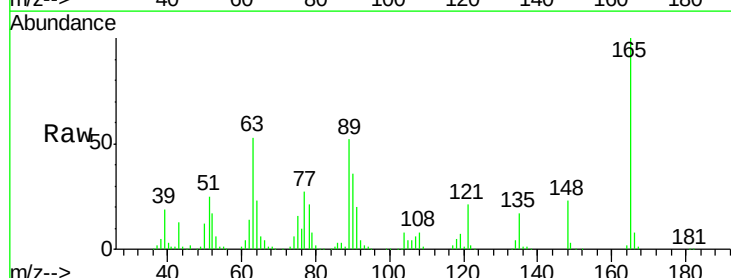


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

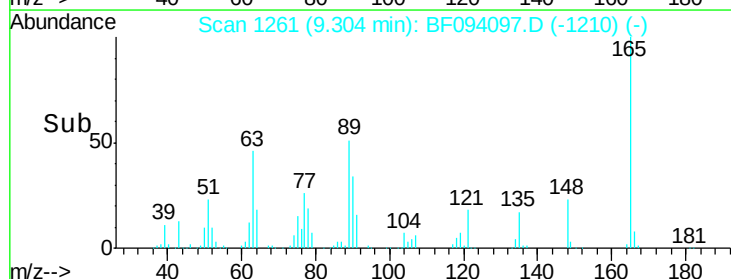
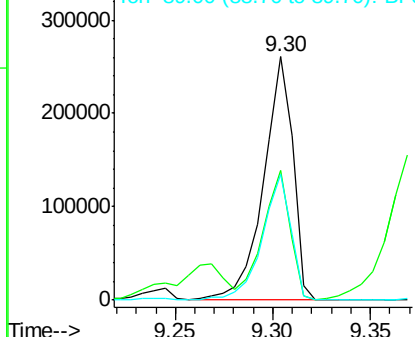


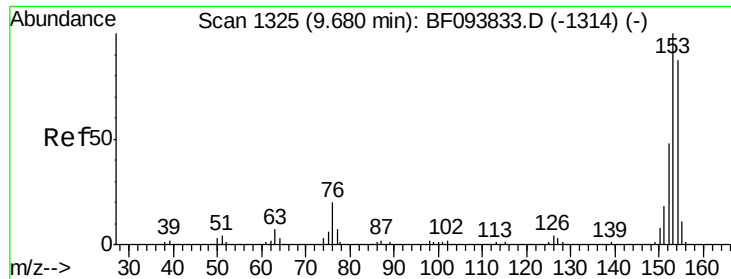
#50
2,6-Dinitrotoluene
Concen: 54.10 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.0	34.3	51.5#
89	51.7	37.1	55.7



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





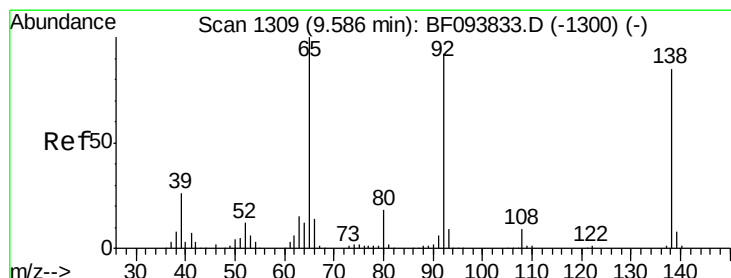
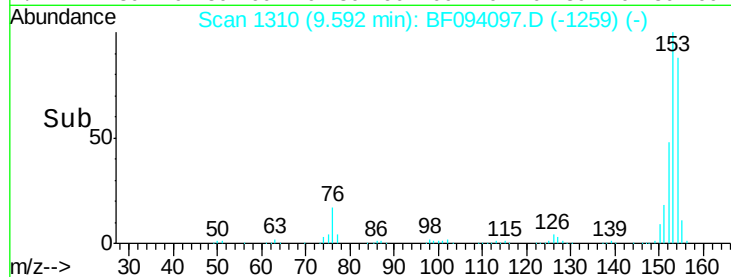
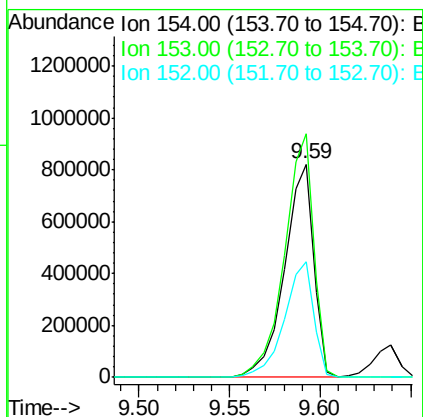
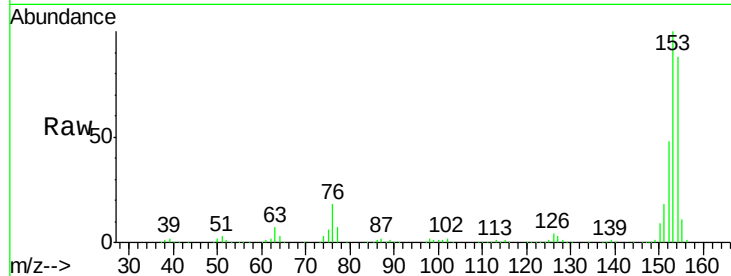
#51
Acenaphthene
Concen: 49.36 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.5	135.7
152	54.3	43.6	65.4

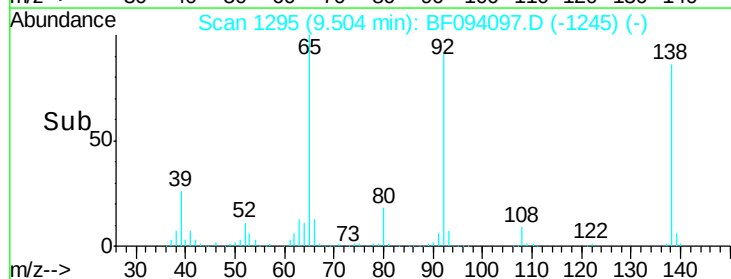
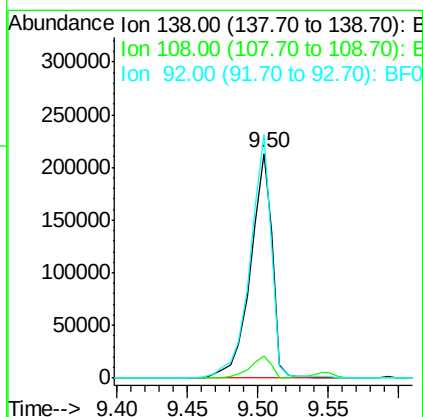
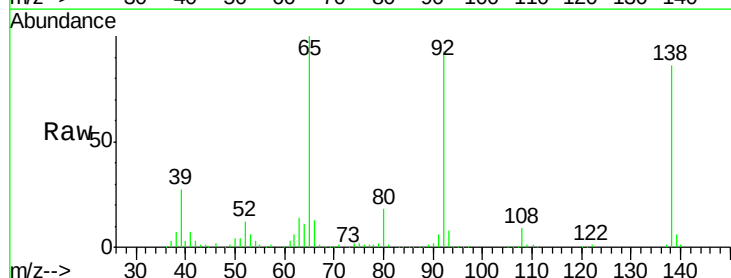
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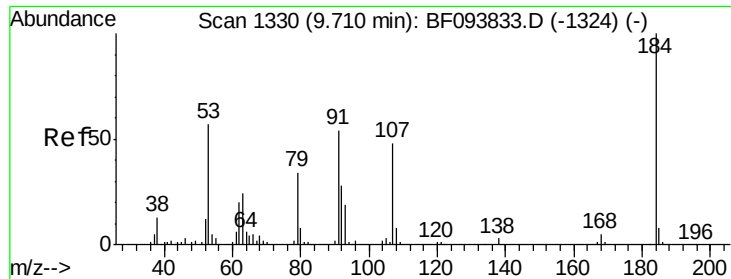
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#52
3-Nitroaniline
Concen: 38.99 ng
RT: 9.50 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.1	13.7
92	108.5	93.8	140.6





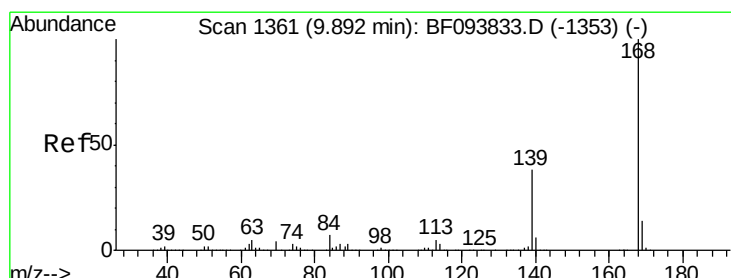
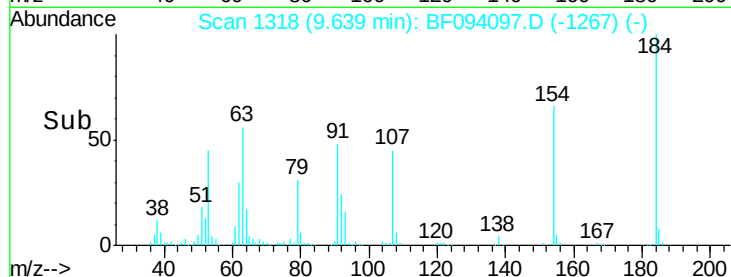
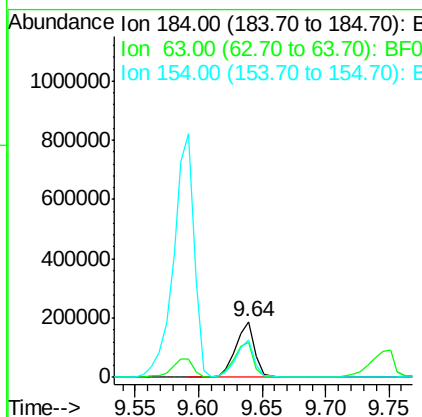
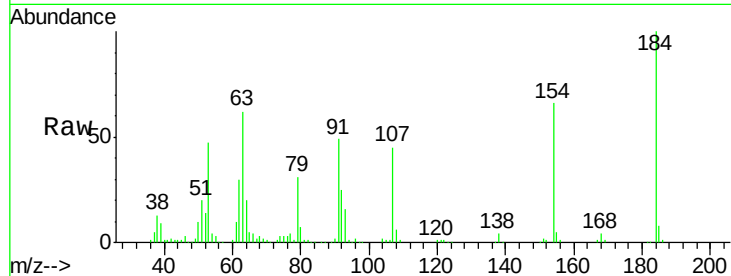
#53
 2,4-Dinitrophenol
 Concen: 73.11 ng
 RT: 9.64 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.6	62.7	94.1#
154	66.2	81.1	121.7#

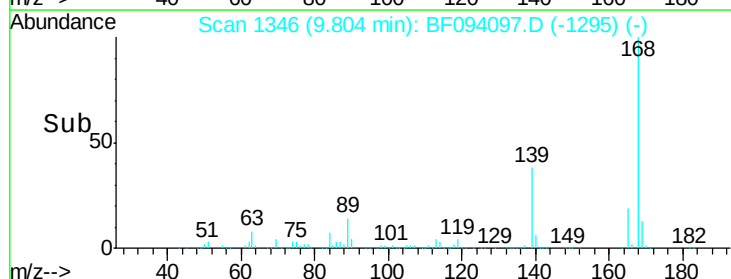
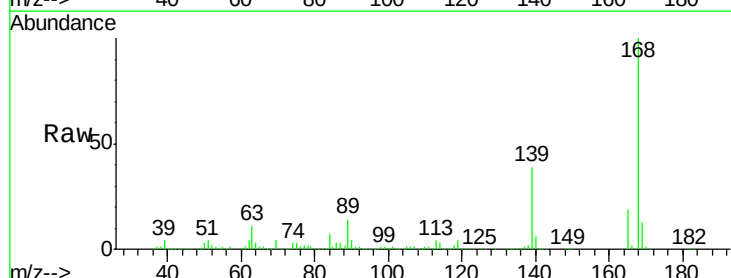
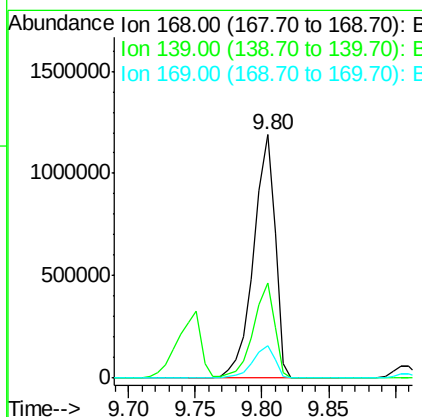
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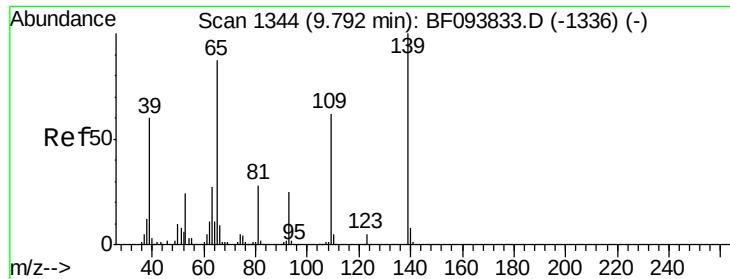
mohammad
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#54
 Dibenzofuran
 Concen: 51.21 ng
 RT: 9.80 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.6	45.8
169	13.2	10.8	16.2





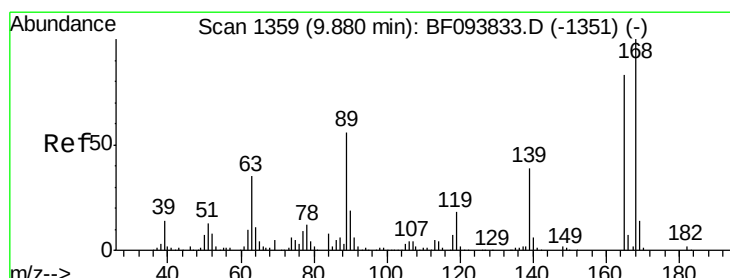
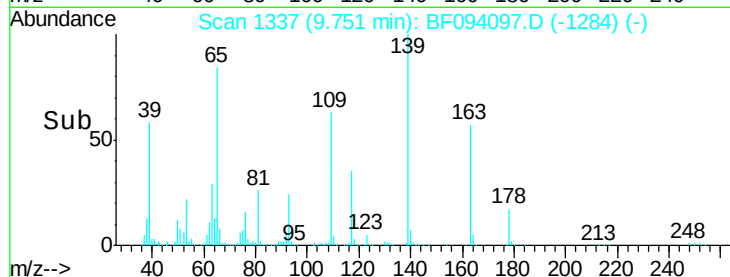
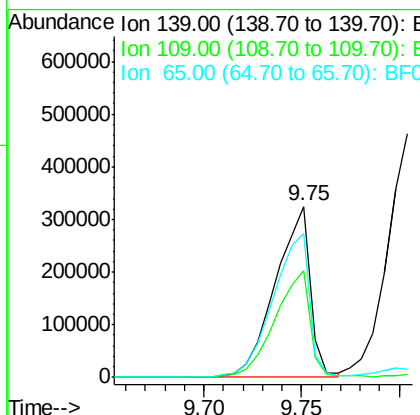
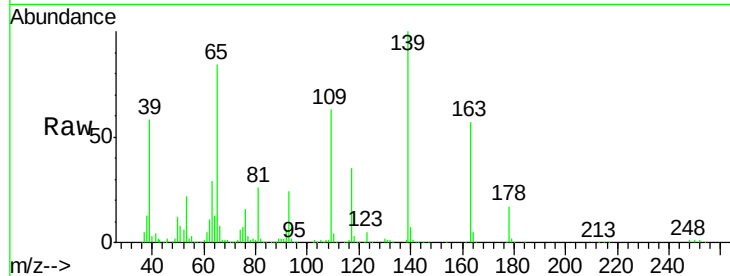
#55
4-Nitrophenol
Concen: 87.55 ng
RT: 9.75 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	62.6	34.1	74.1
65	83.7	31.4	71.4

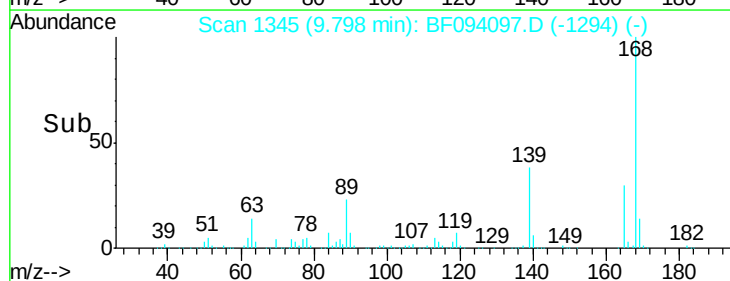
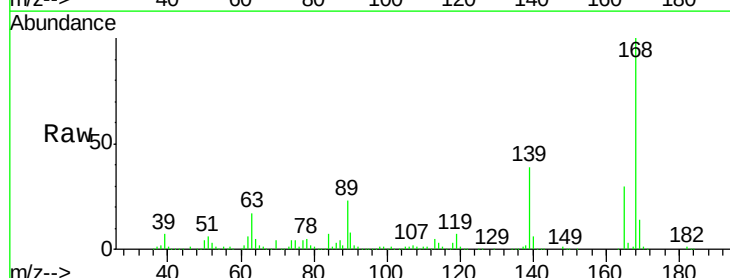
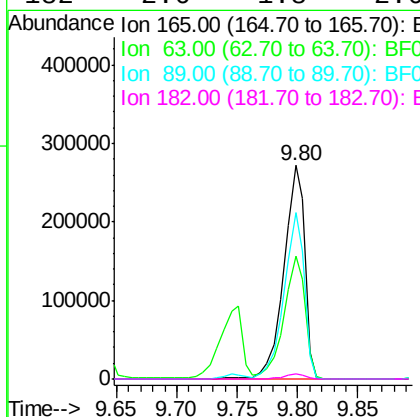
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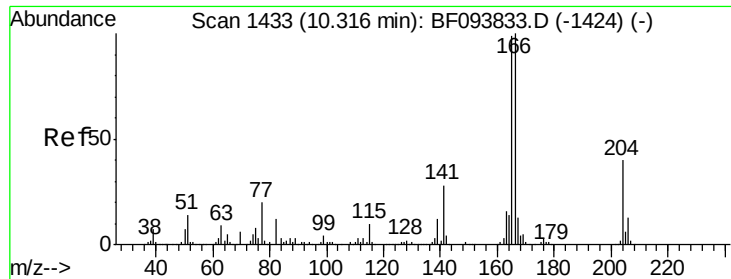
mohammad
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#56
2,4-Dinitrotoluene
Concen: 51.26 ng
RT: 9.80 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.5	25.4	38.0
89	78.1	46.4	69.6
182	2.6	1.8	2.6





#57

Fluorene

Concen: 46.62 ng

RT: 10.22 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

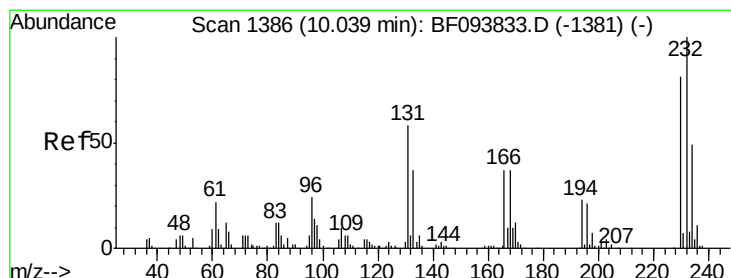
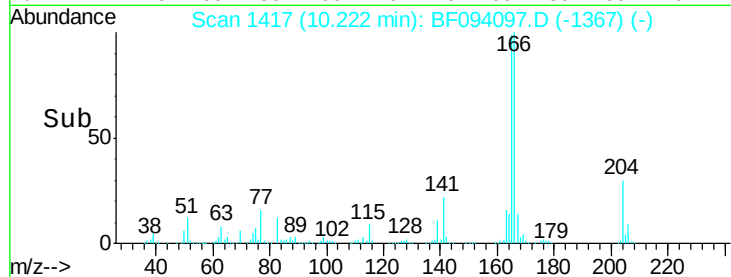
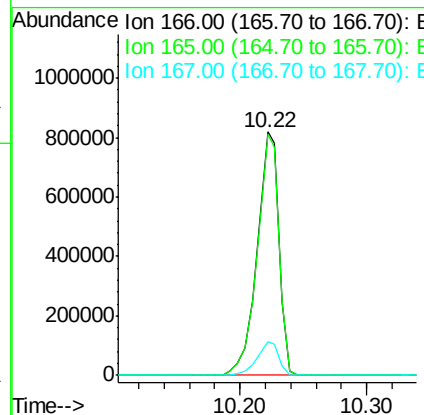
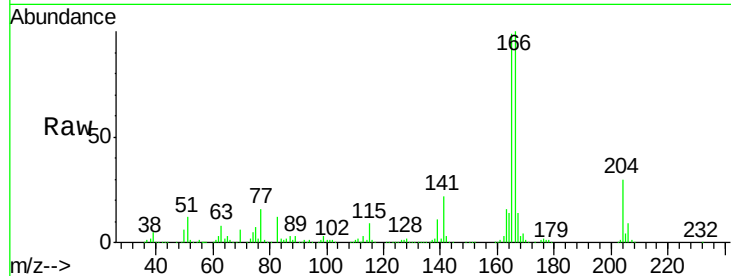
ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion:	166	Resp:	991722
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.8	118.2
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 55.21 ng

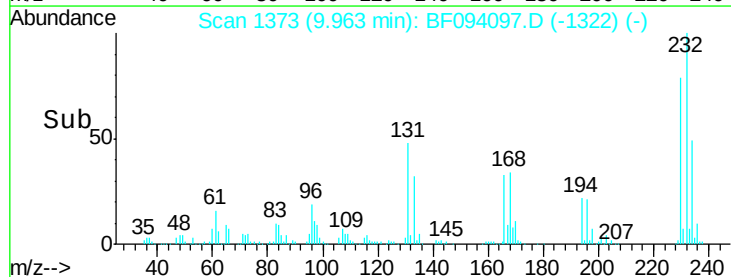
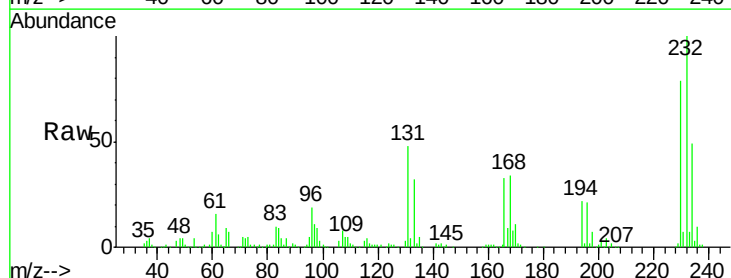
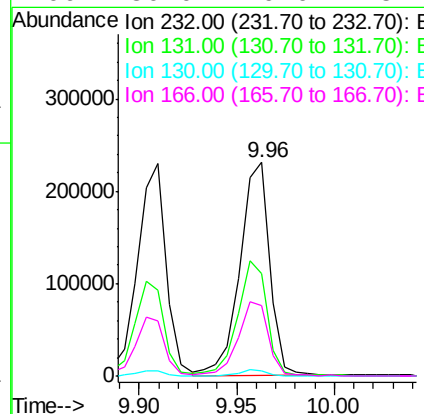
RT: 9.96 min Scan# 1373

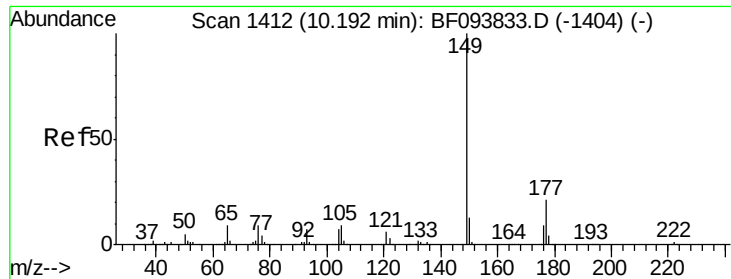
Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Tgt Ion:	232	Resp:	244177
Ion Ratio	Lower	Upper	
232	100		
131	53.1	44.8	67.2
130	2.6	2.3	3.5
166	36.0	29.0	43.4





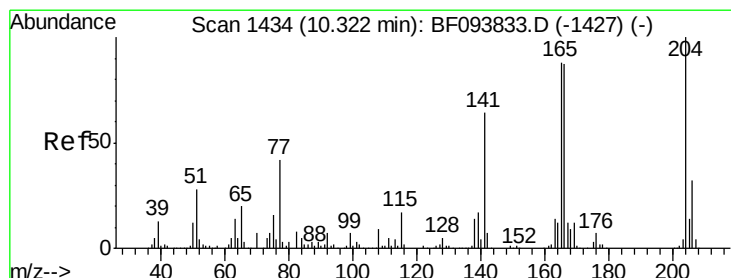
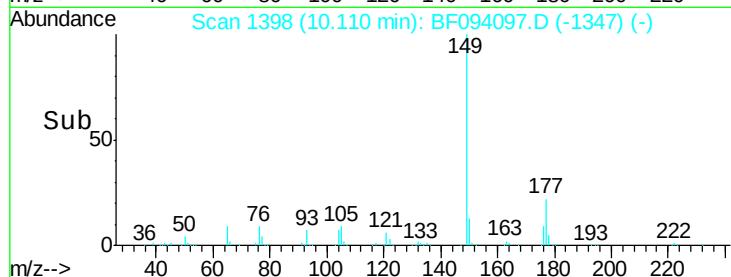
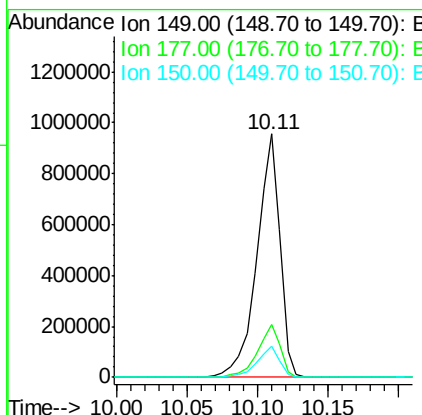
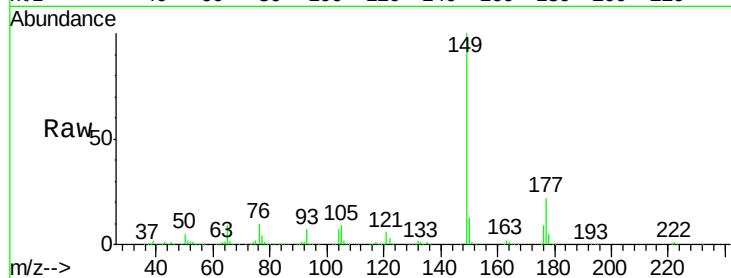
#59
Diethylphthalate
Concen: 50.90 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion:149 Resp: 1100634
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.9 10.2 15.2

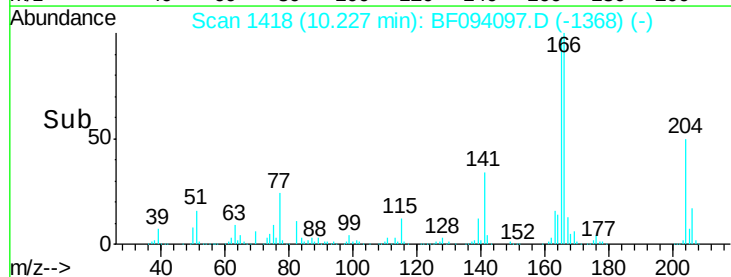
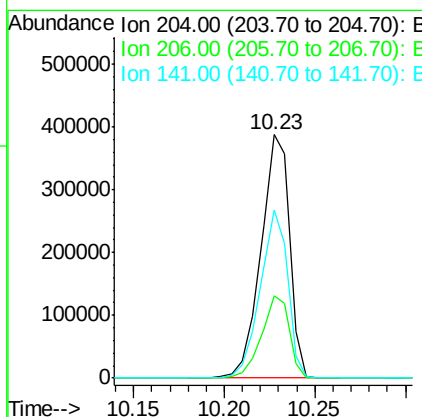
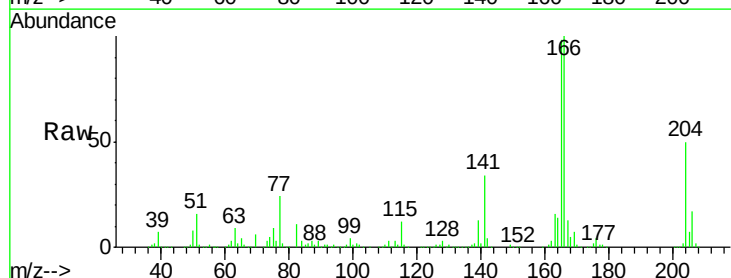
Manual Integrations
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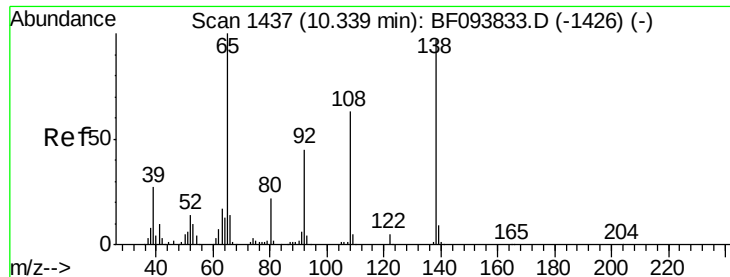
mohammad
4/3/2017 3:25:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.82 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion:204 Resp: 424277
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 69.2 60.8 91.2





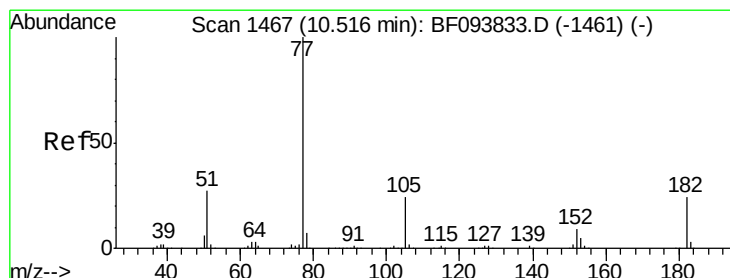
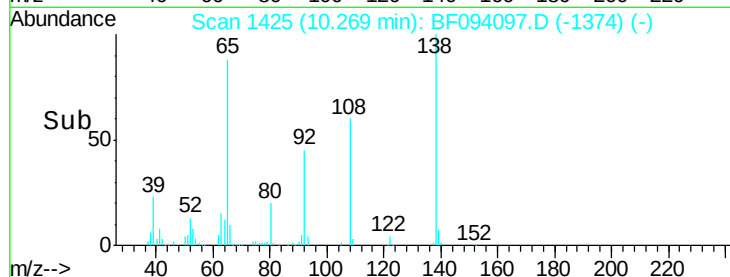
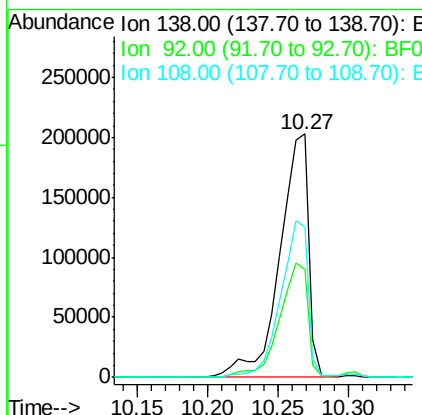
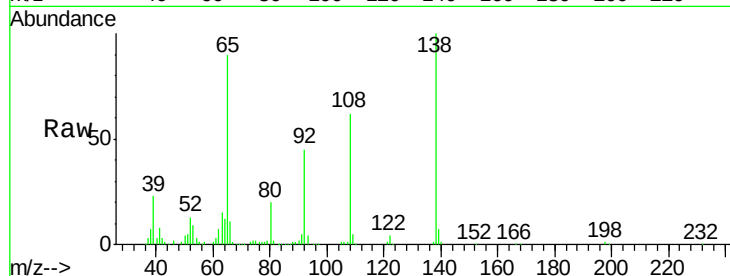
#61
4-Nitroaniline
Concen: 51.31 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	21.8	61.8
108	61.7	42.3	82.3

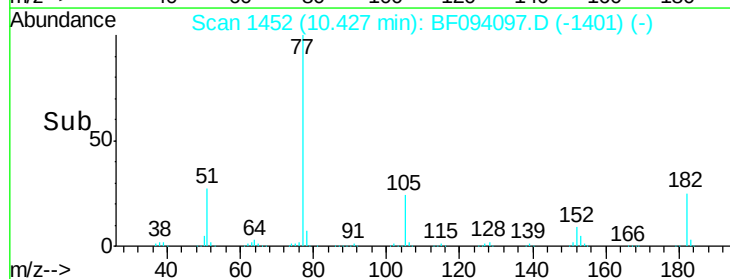
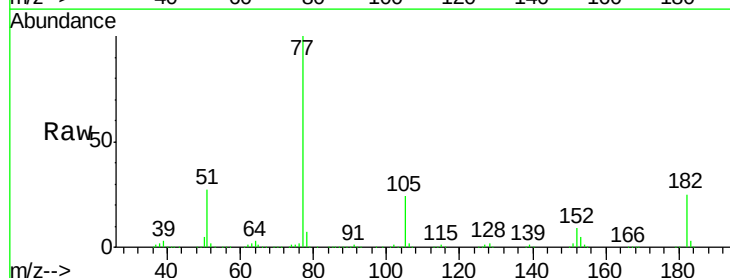
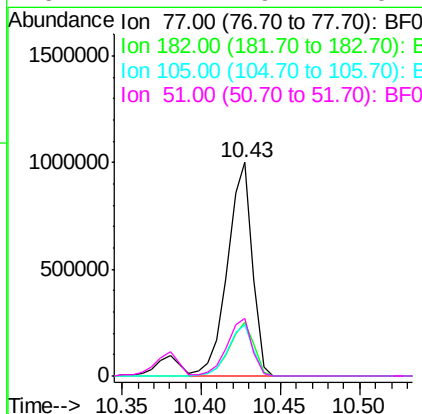
Manual Integrations
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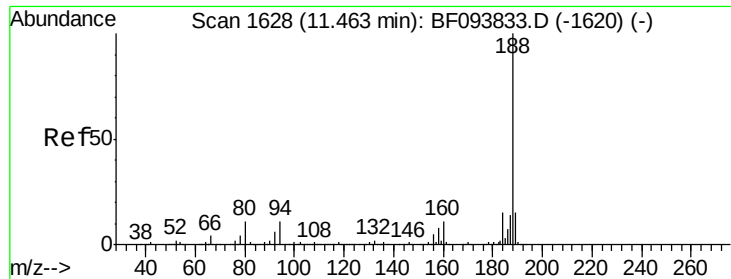
mohammad
4/3/2017 3:25:40 PM



#62
Azobenzene
Concen: 52.98 ng
RT: 10.43 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	0.1	40.1
105	24.0	3.6	43.6
51	27.2	9.4	49.4





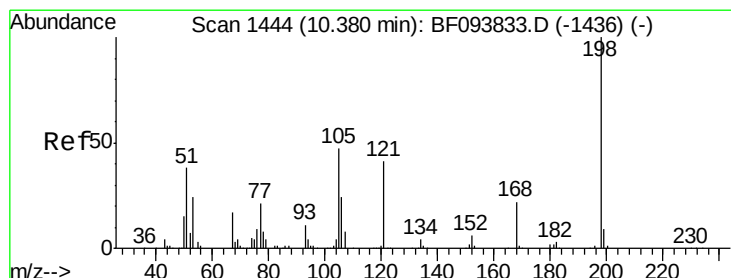
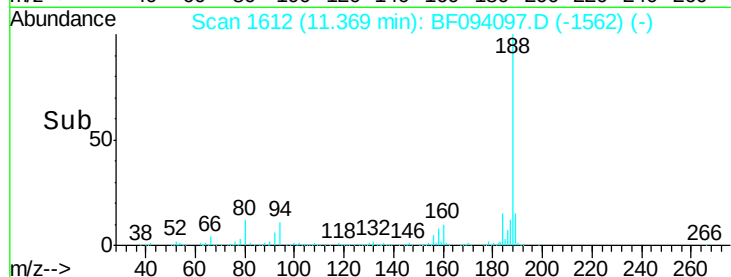
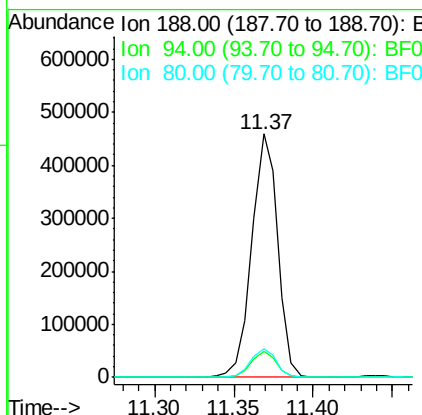
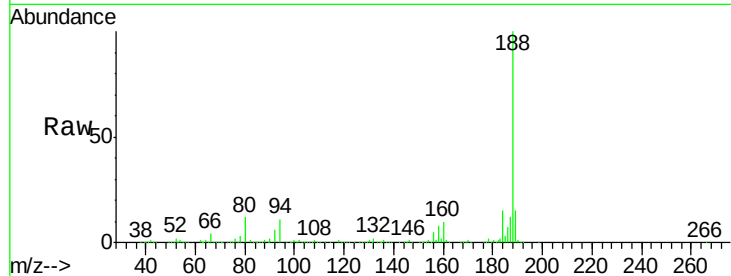
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	521936		
94	10.9		9.4	14.2
80	11.5		10.2	15.2

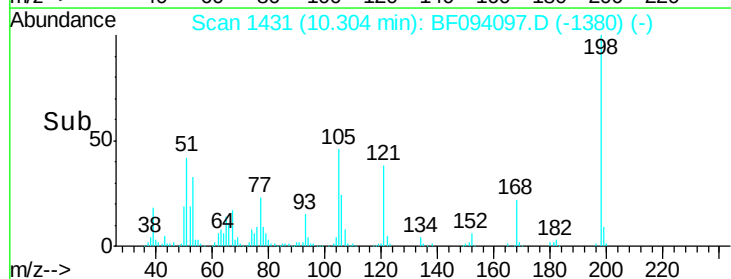
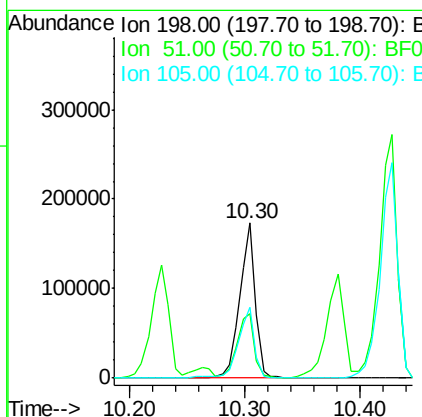
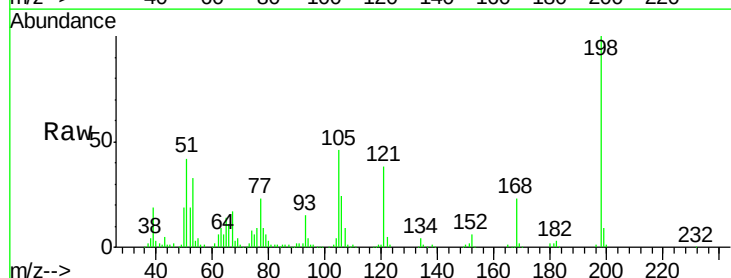
Manual Integrations
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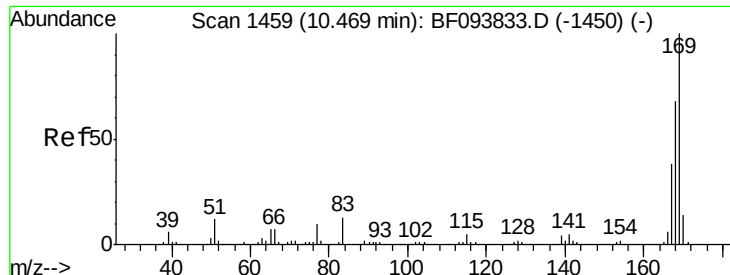
mohammad
4/3/2017 3:25:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.13 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	163431		
51	41.9		53.2	93.2#
105	46.1		45.8	85.8





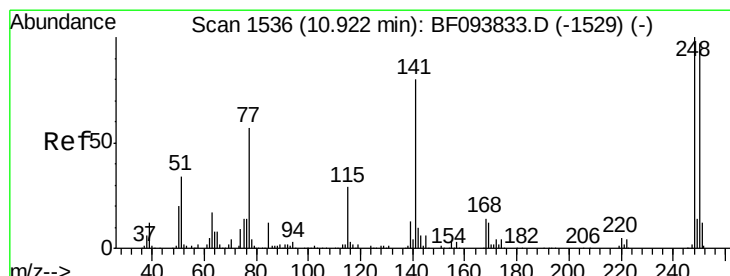
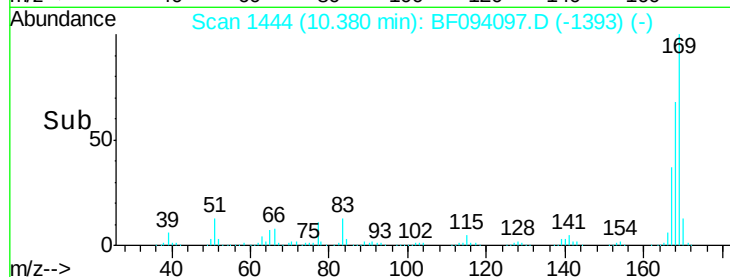
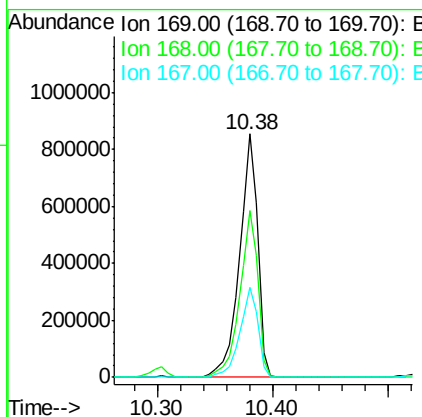
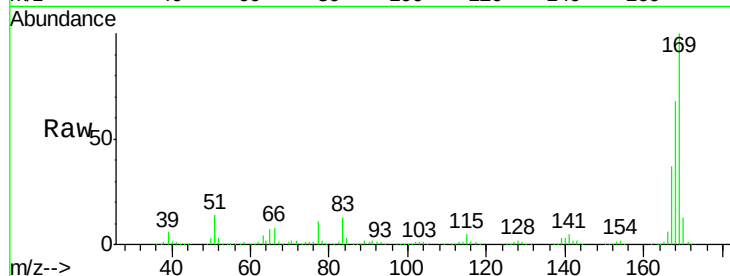
#65
n-Nitrosodiphenylamine
Concen: 51.39 ng
RT: 10.38 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.2	79.8
167	36.8	29.5	44.3

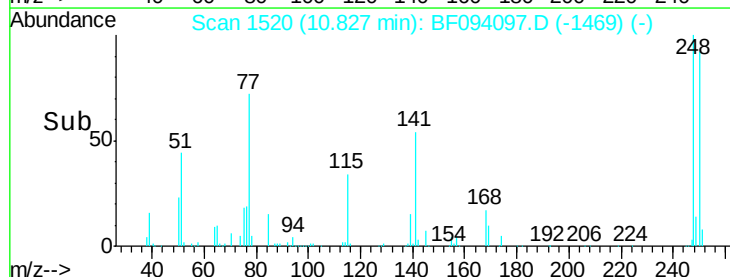
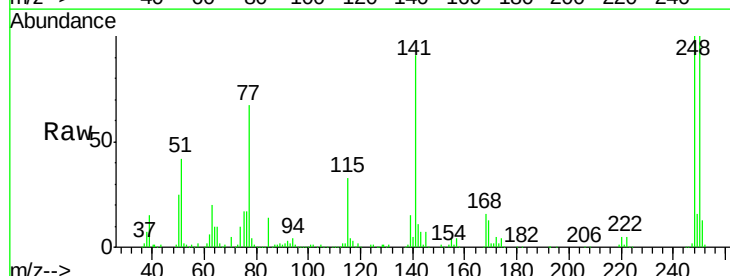
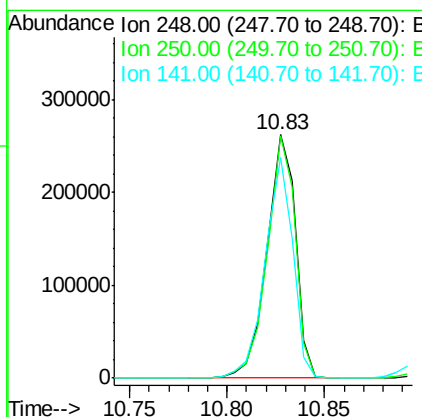
Manual Integrations
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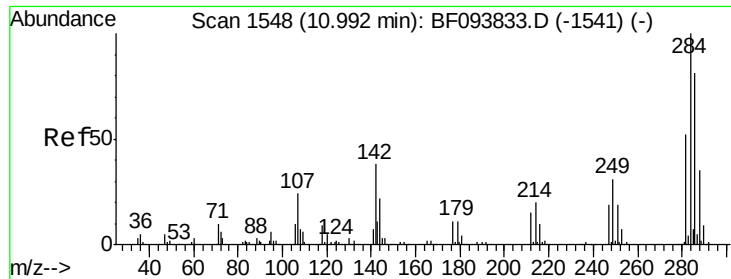
mohammad
4/3/2017 3:25:40 PM



#66
4-Bromophenyl-phenylether
Concen: 52.15 ng
RT: 10.83 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.8	115.2
141	90.7	68.6	103.0





#67

Hexachlorobenzene

Concen: 53.39 ng

RT: 10.90 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

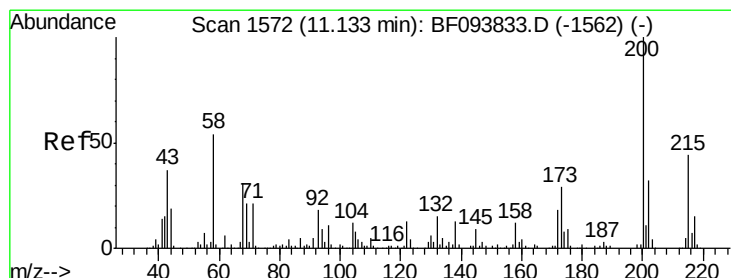
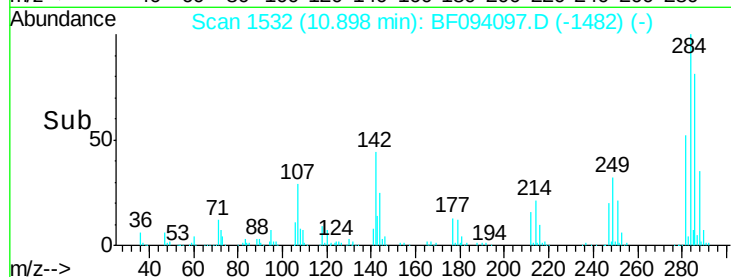
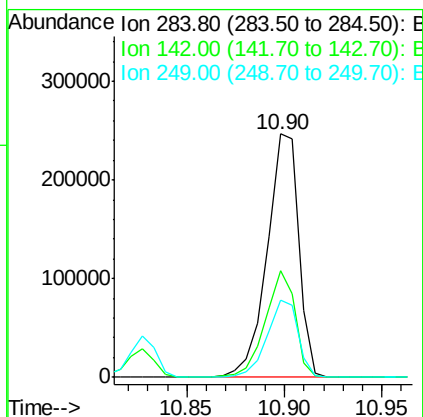
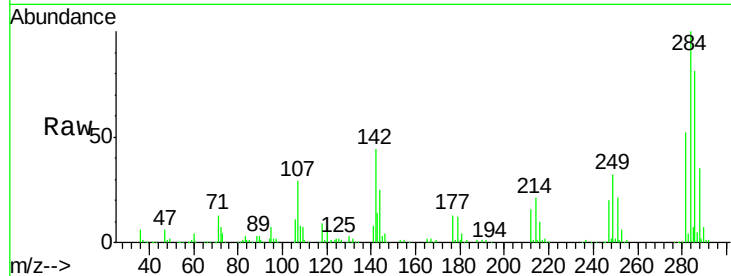
ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion:	284	Resp:	277428
Ion Ratio	Lower	Upper	
284	100		
142	43.8	22.8	34.2#
249	31.5	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 47.97 ng

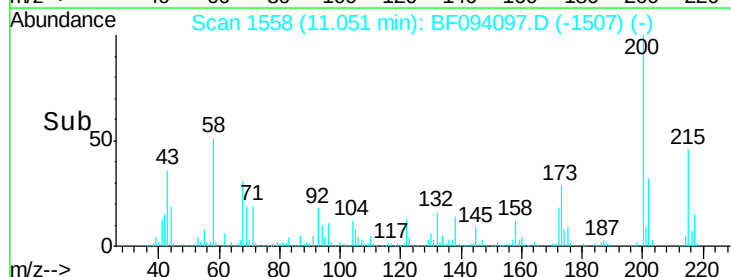
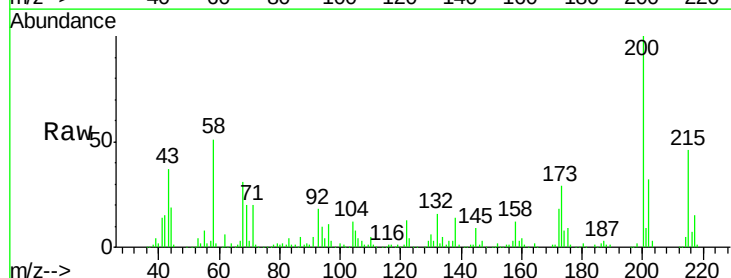
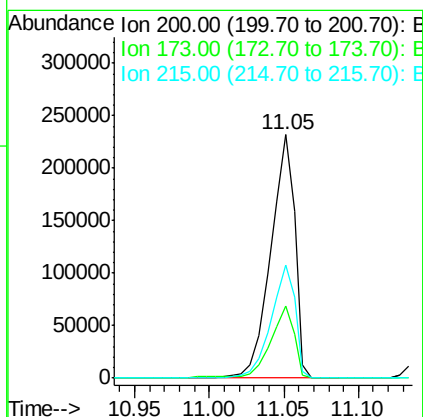
RT: 11.05 min Scan# 1558

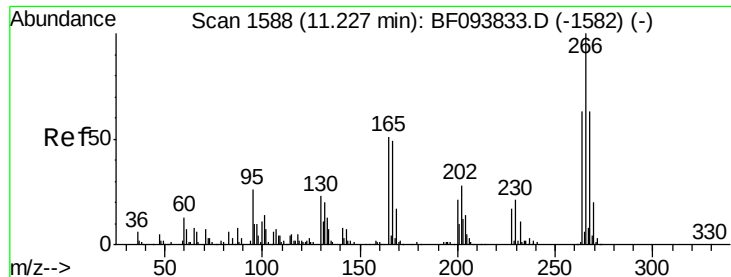
Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Tgt Ion:	200	Resp:	259345
Ion Ratio	Lower	Upper	
200	100		
173	29.5	6.3	46.3
215	46.2	27.2	67.2





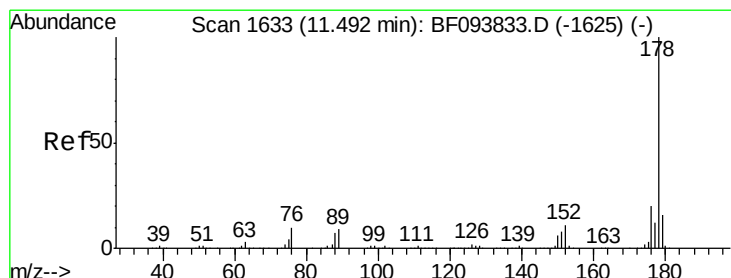
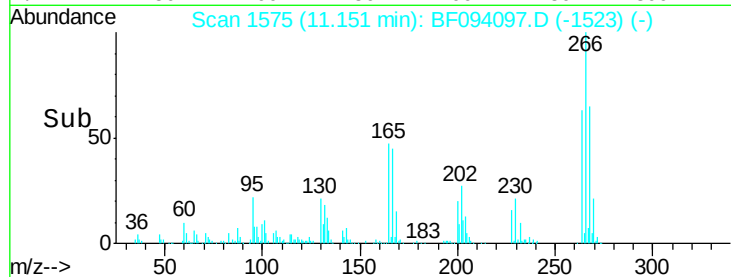
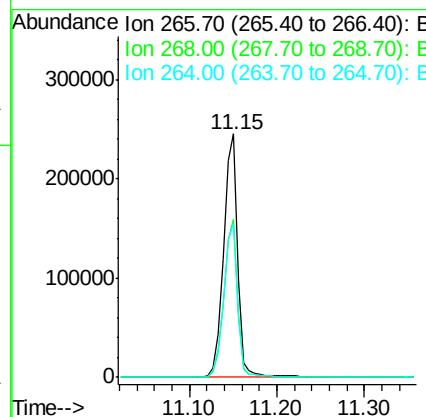
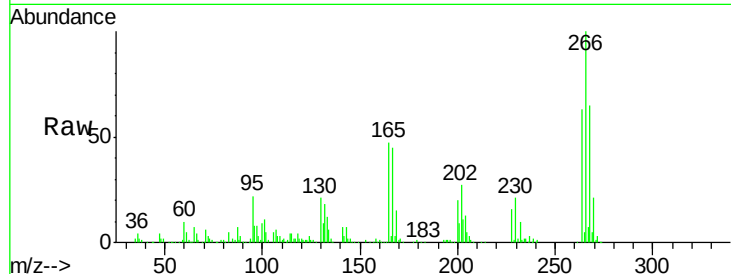
#69
 Pentachlorophenol
 Concen: 84.88 ng
 RT: 11.15 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.1	76.7
264	63.0	51.7	77.5

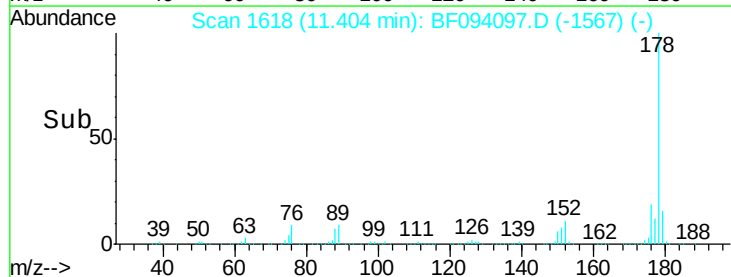
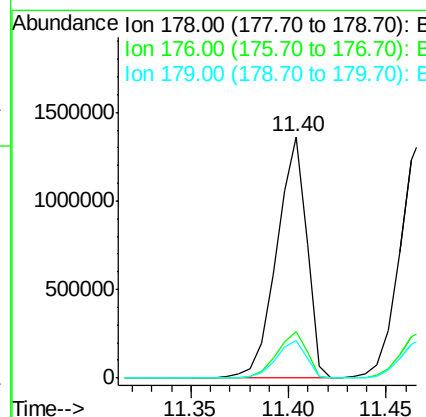
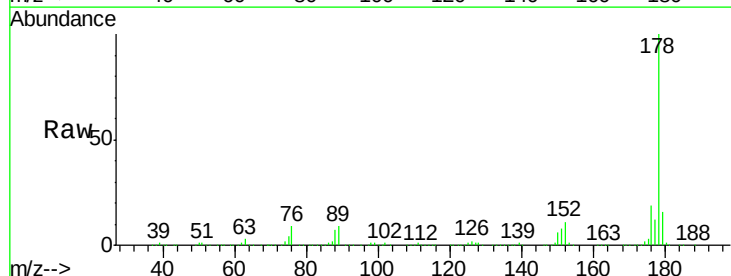
Manual Integrations
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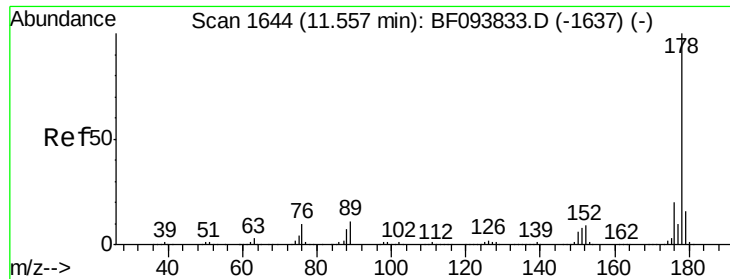
mohammad
 4/3/2017 3:25:40 PM



#70
 Phenanthrene
 Concen: 50.12 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.5	12.6	19.0





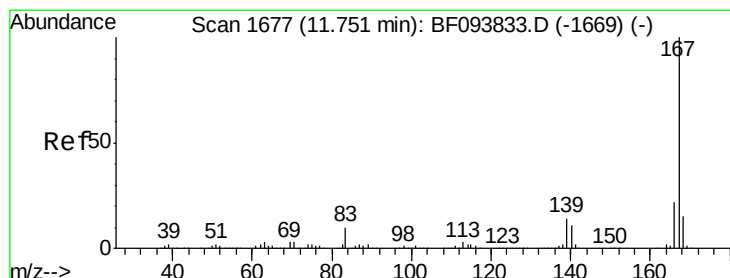
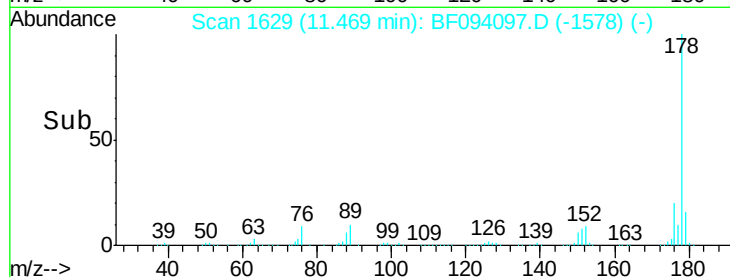
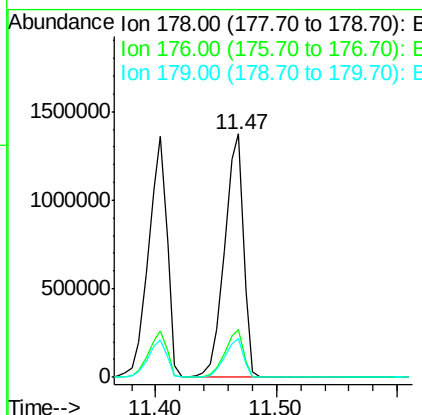
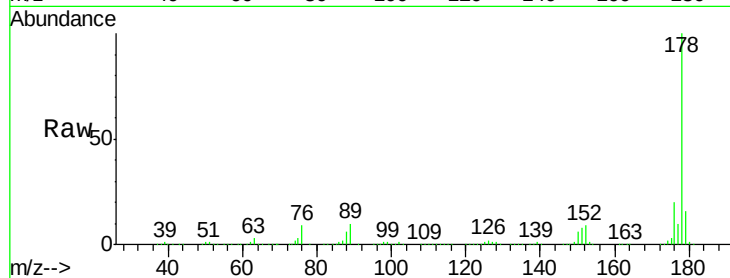
#71
 Anthracene
 Concen: 49.95 ng
 RT: 11.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Tot Ion:178 Resp: 1493320
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.8 12.7 19.1

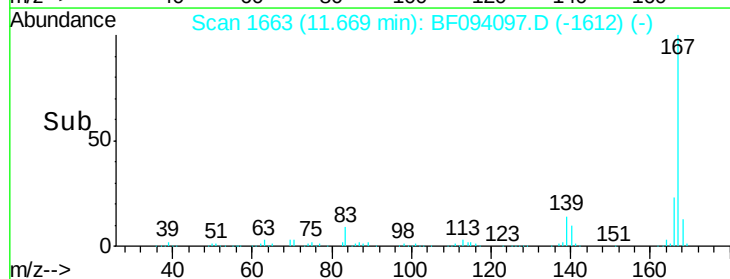
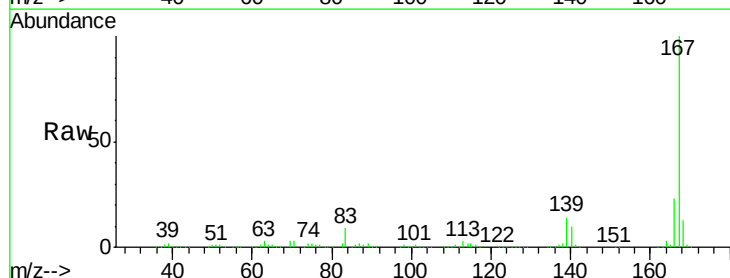
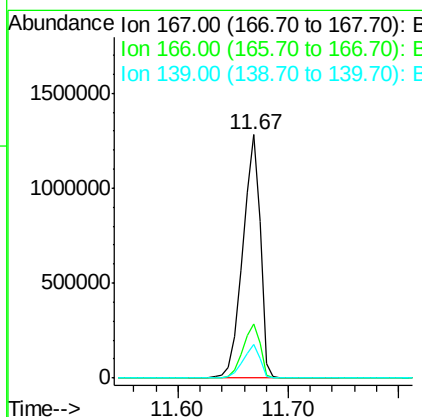
Manual Integrations
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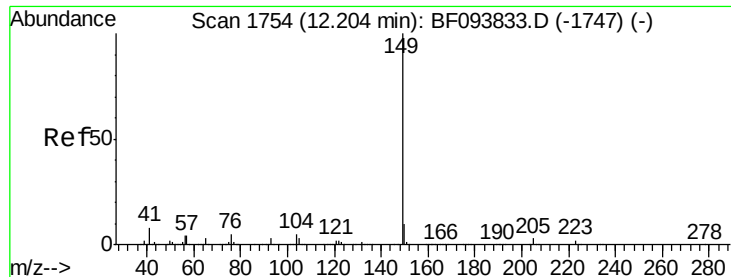
mohammad
 4/3/2017 3:25:40 PM



#72
 Carbazole
 Concen: 46.68 ng
 RT: 11.67 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion:167 Resp: 1431053
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.98 ng

RT: 12.12 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion:149 Resp: 1625159

Ion Ratio Lower Upper

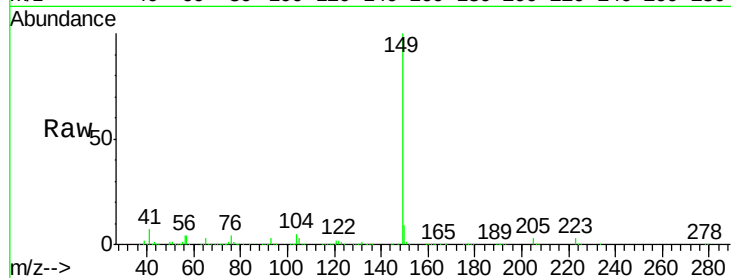
149 100

150 9.4 7.7 11.5

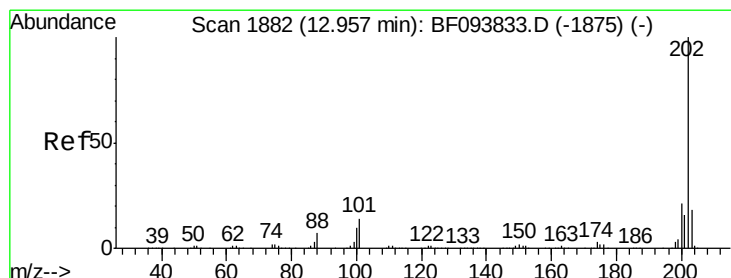
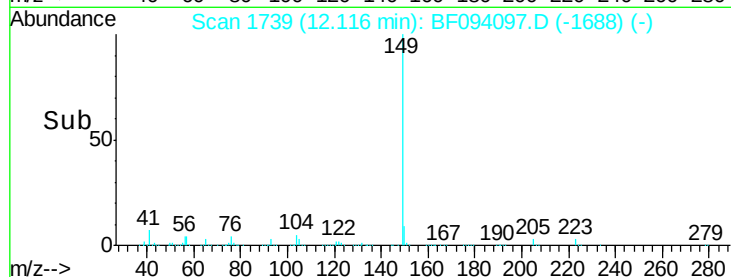
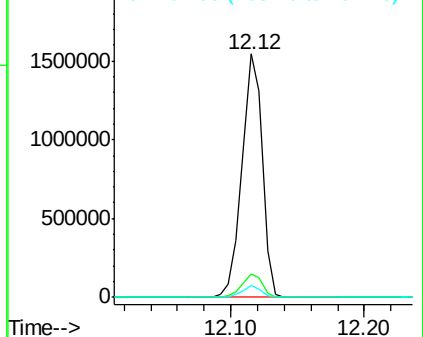
104 4.8 4.0 6.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.38 ng

RT: 12.86 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

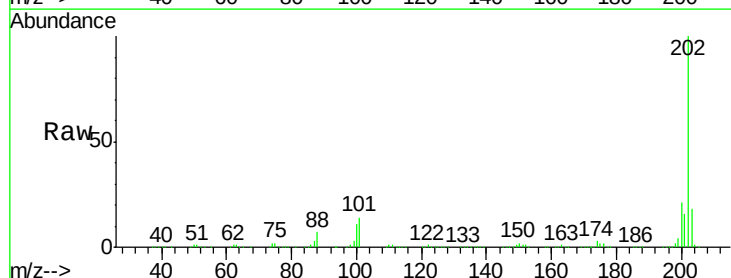
Tgt Ion:202 Resp: 1438403

Ion Ratio Lower Upper

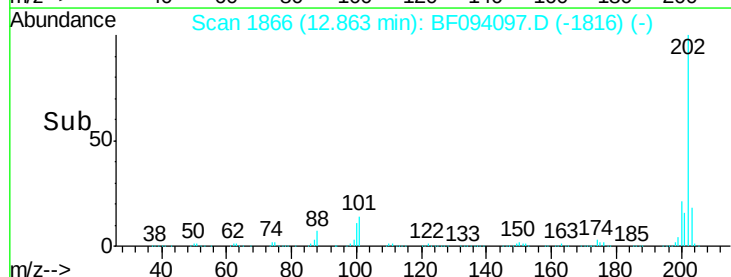
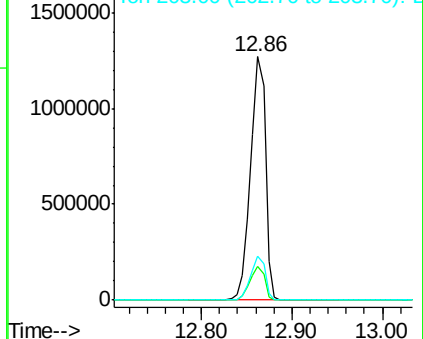
202 100

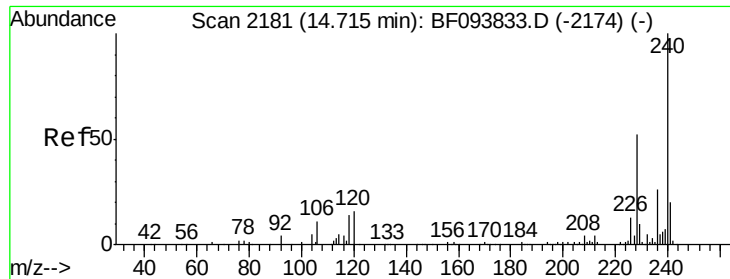
101 14.0 0.0 33.2

203 18.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





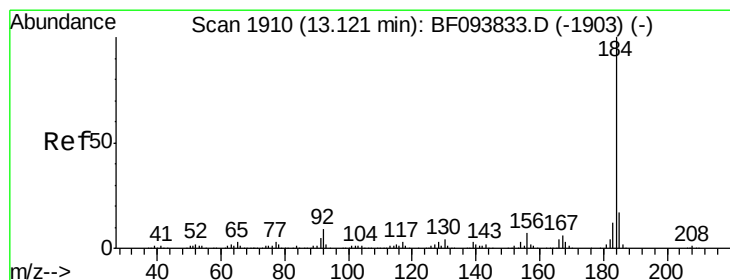
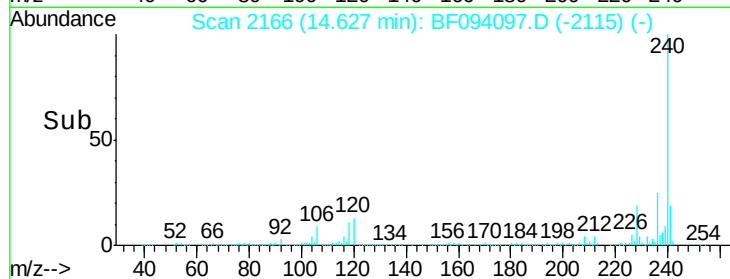
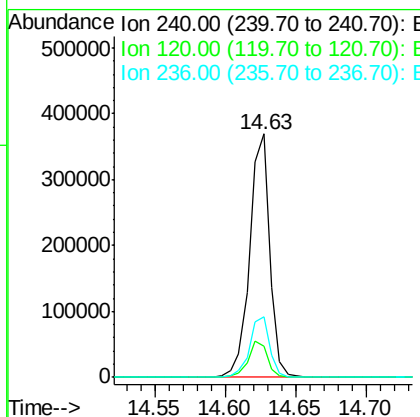
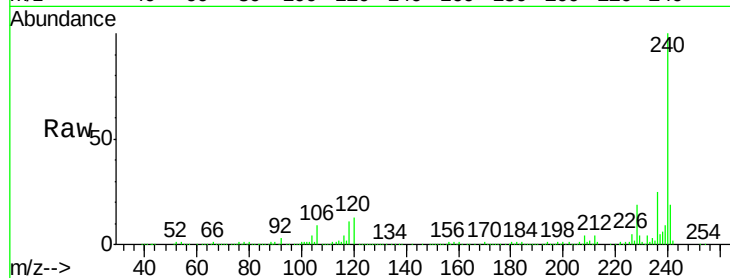
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	5.8	8.8#
236	24.9	20.5	30.7

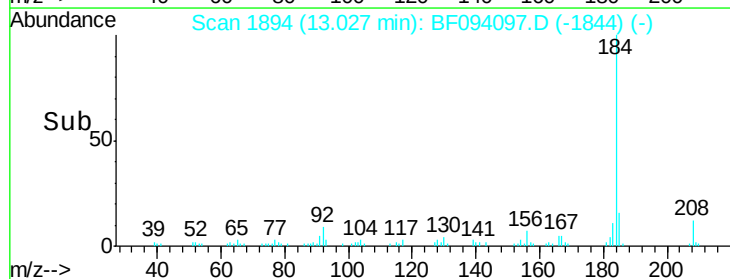
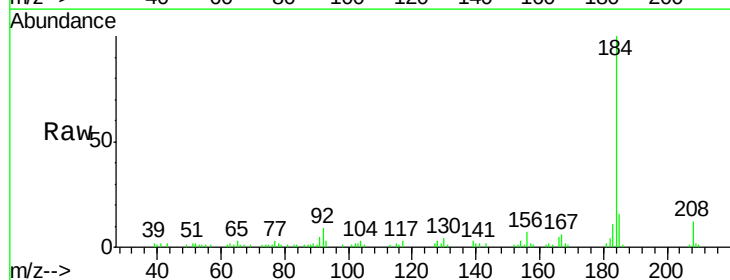
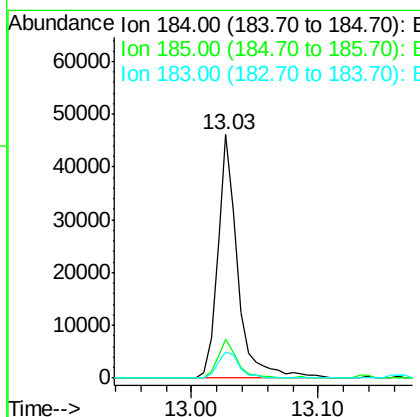
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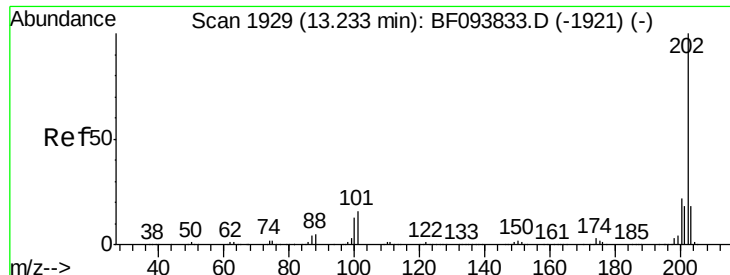
mohammad
4/3/2017 3:25:40 PM



#76
Benzidine
Concen: 3.46 ng
RT: 13.03 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.1	15.5	23.3
183	10.6	9.8	14.6





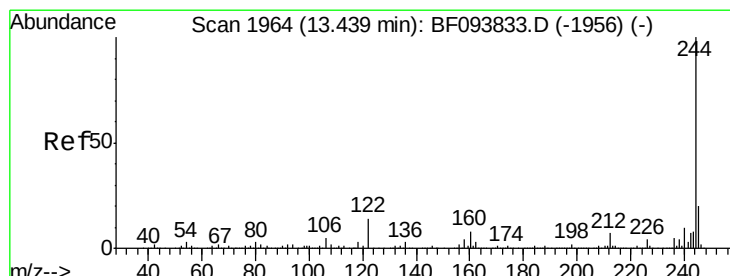
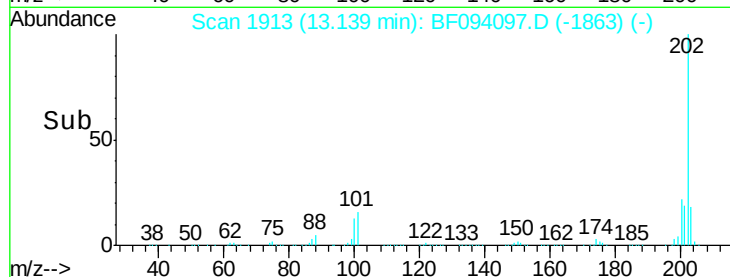
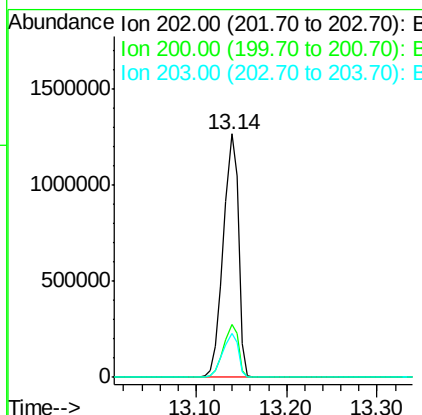
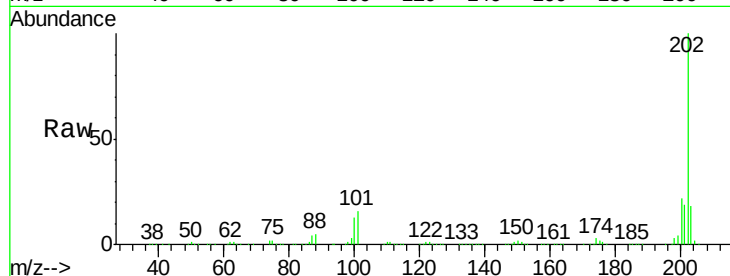
#77
Pvrene
Concen: 54.37 ng
RT: 13.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion: 202 Resp: 1457545
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.0 14.4 21.6

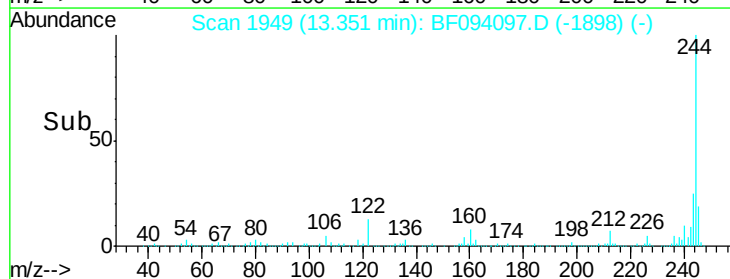
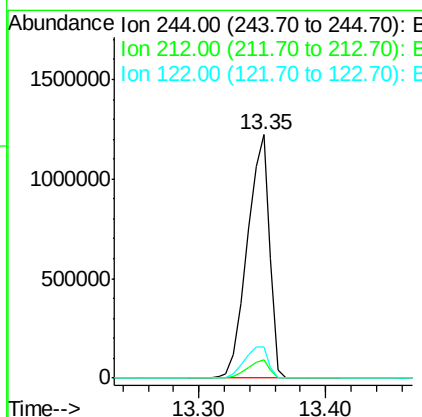
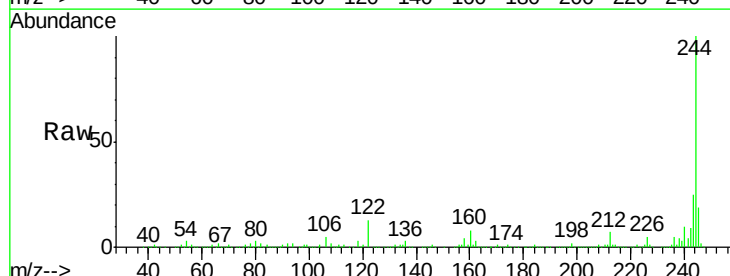
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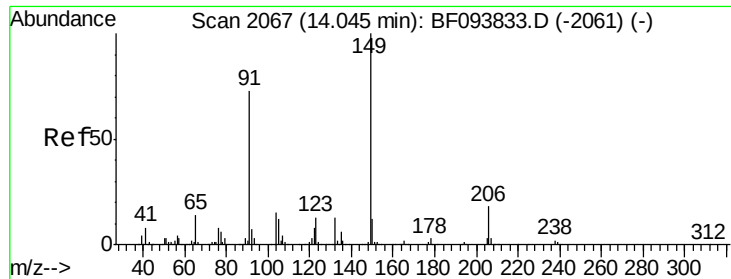
mohammad
4/3/2017 3:25:40 PM



#78
Terphenyl-d14
Concen: 90.38 ng
RT: 13.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion: 244 Resp: 1489482
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 12.8 10.3 15.5





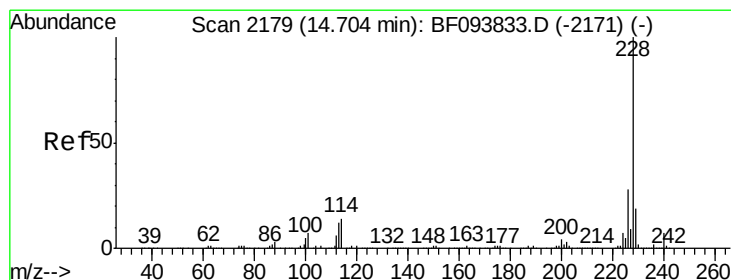
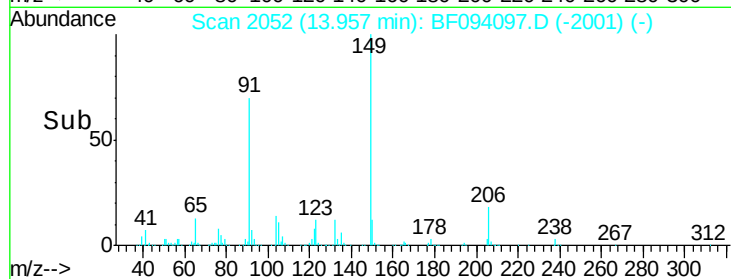
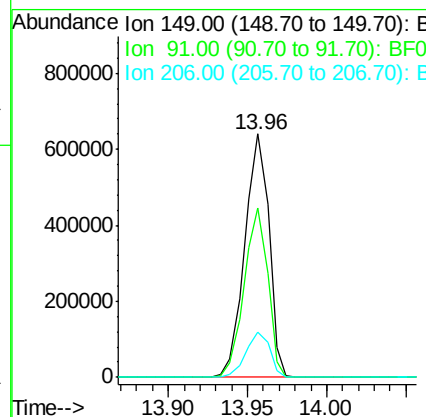
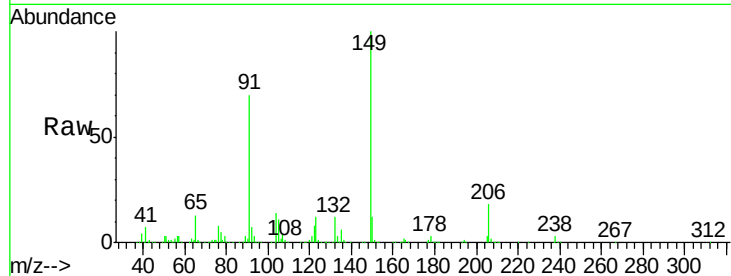
#79
Butylbenzylphthalate
Concen: 59.10 ng
RT: 13.96 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.5	45.0	67.4#
206	18.5	17.0	25.6

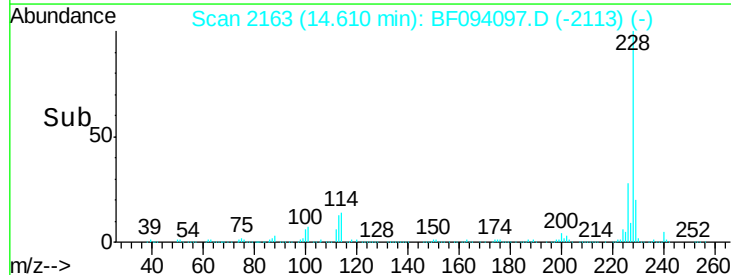
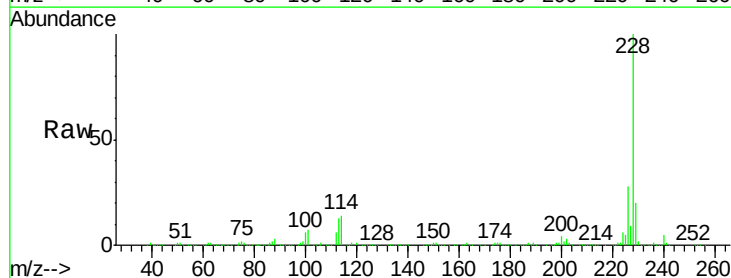
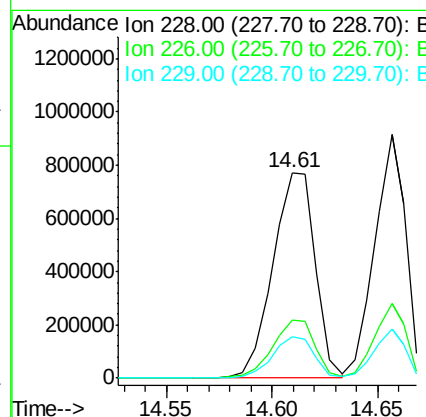
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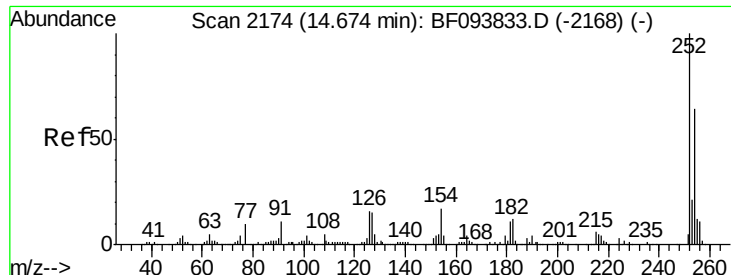
mohammad
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#80
Benzo(a)anthracene
Concen: 50.10 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.1	16.3	24.5





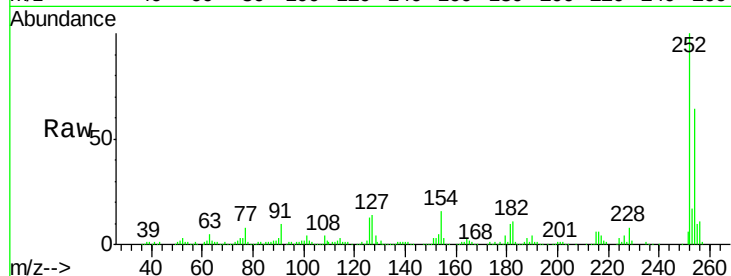
#81
 3,3'-Dichlorobenzidine
 Concen: 35.68 ng
 RT: 14.59 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

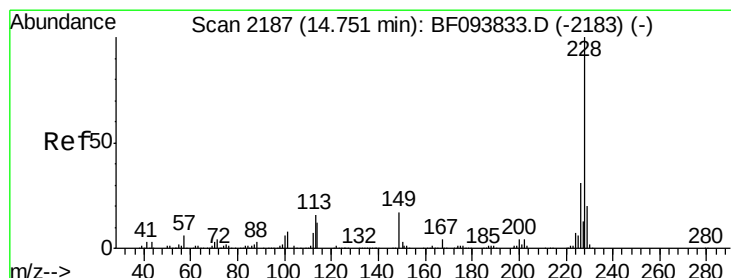
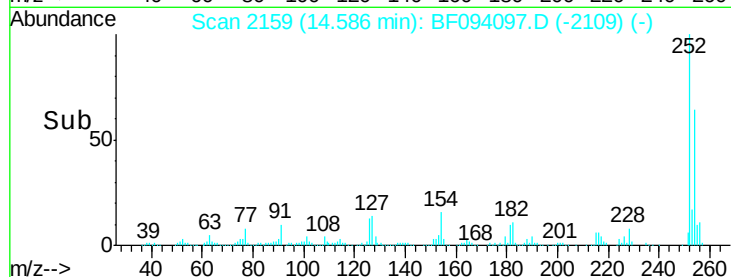
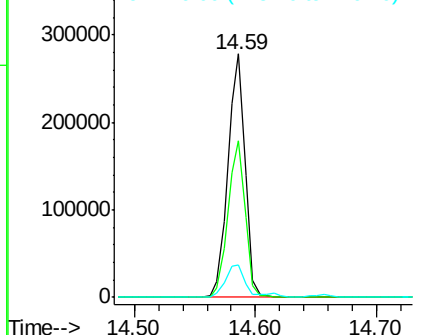
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	51.5	77.3
126	13.2	15.8	23.8

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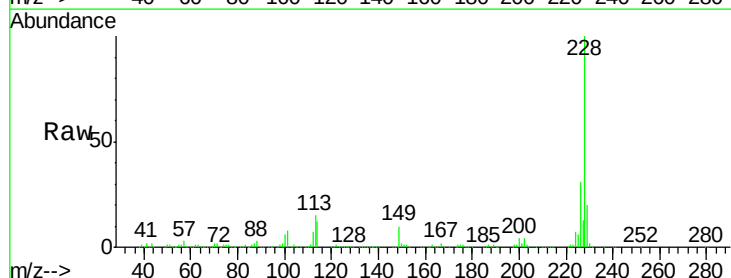


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

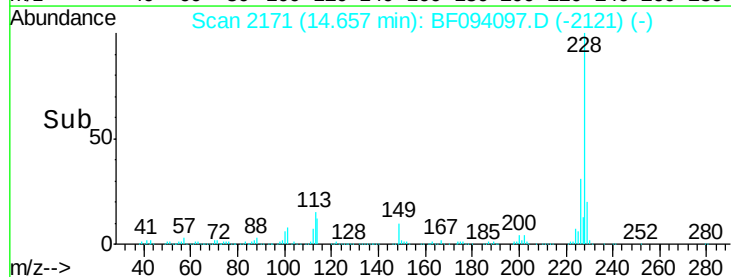
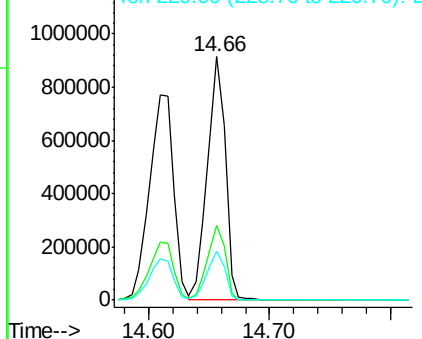


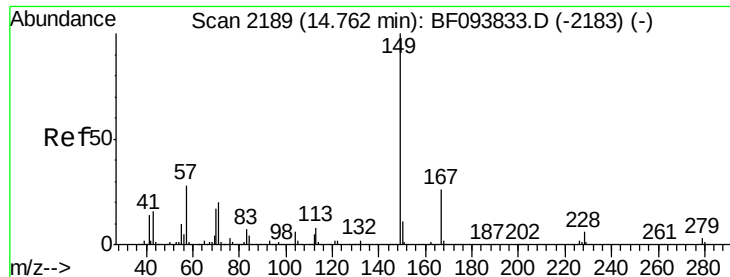
#82
 Chrysene
 Concen: 47.42 ng
 RT: 14.66 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.2	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





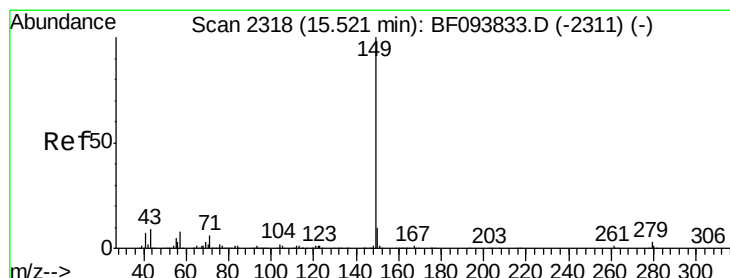
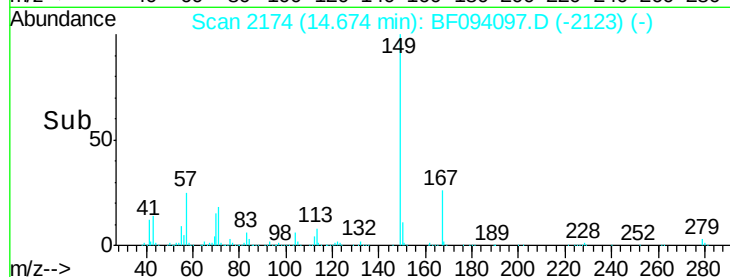
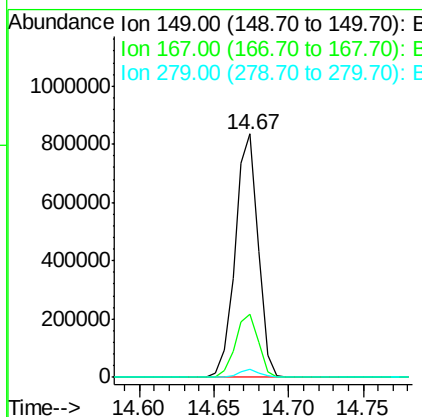
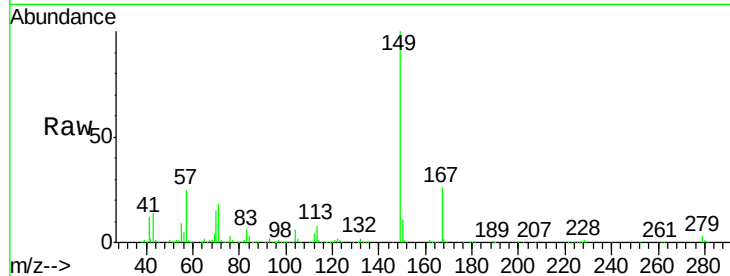
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.58 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	3.2	1.9	2.9#

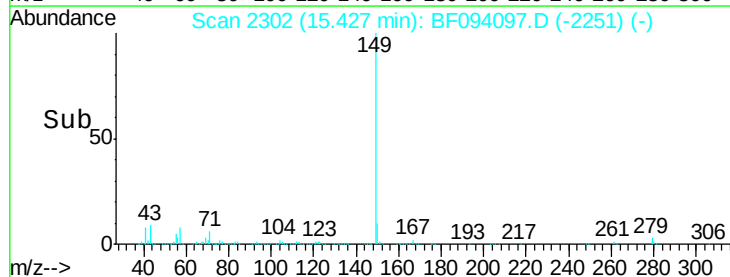
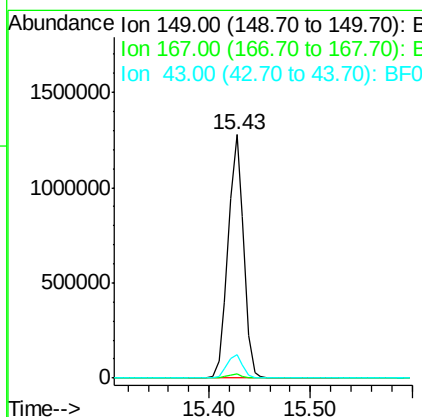
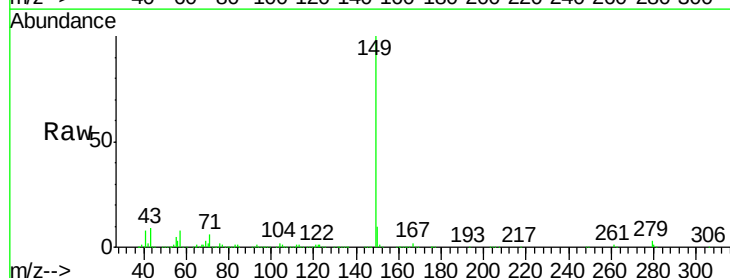
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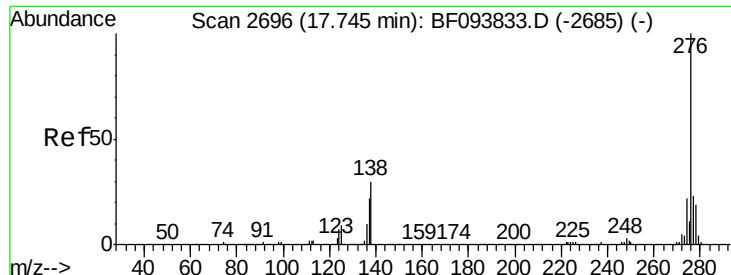
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 52.14 ng
 RT: 15.43 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.3	8.5	12.7





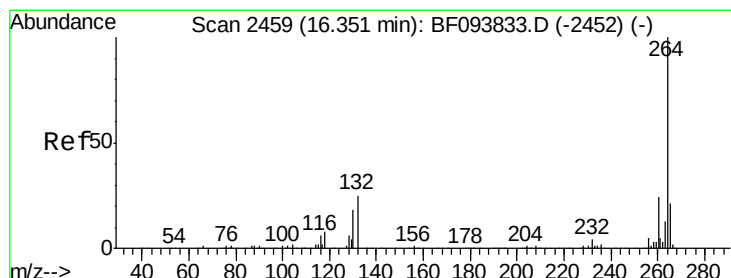
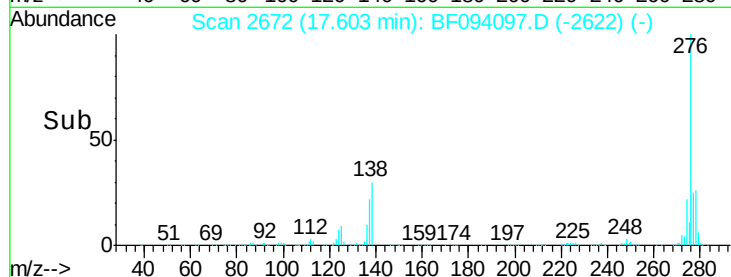
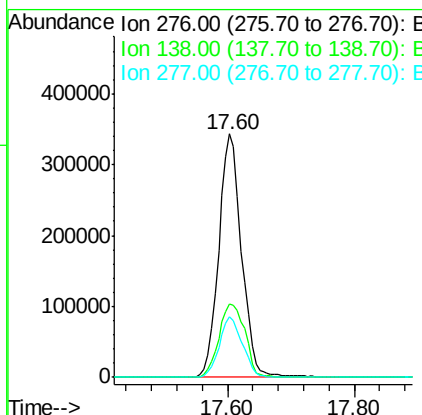
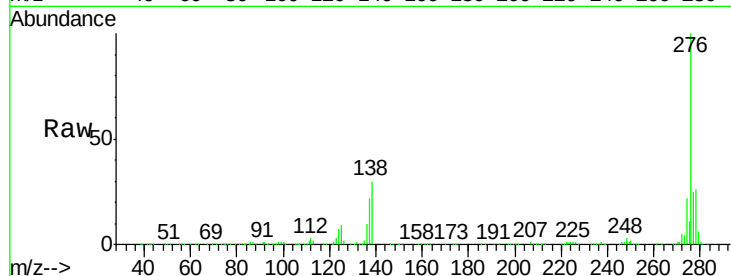
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.48 ng
 RT: 17.60 min Scan# 2672
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.2	20.2	30.4

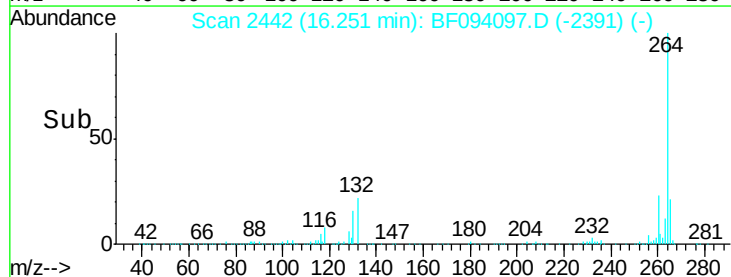
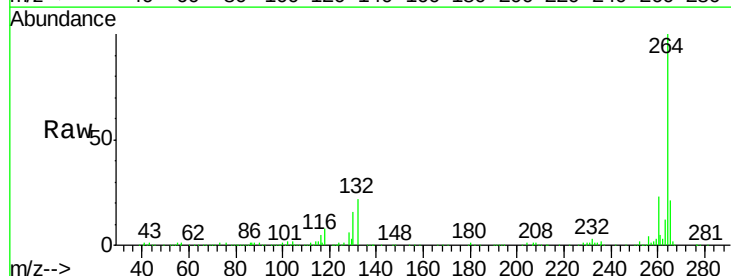
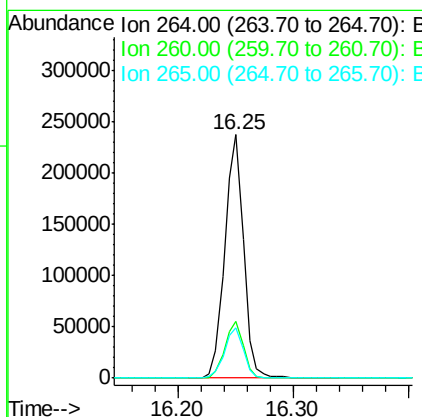
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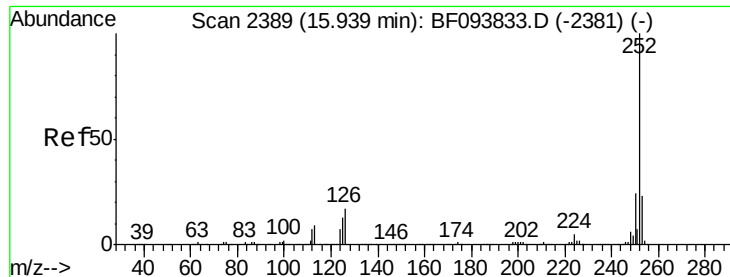
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.25 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.42 ng

RT: 15.84 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Instrument :

BNA_F

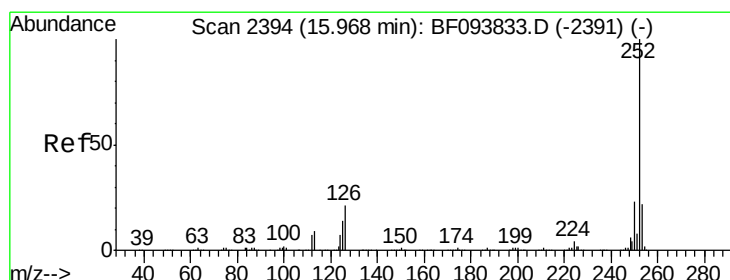
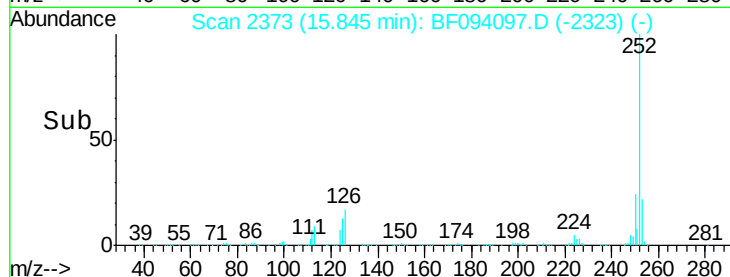
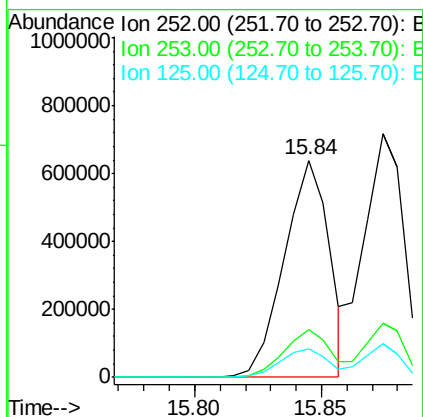
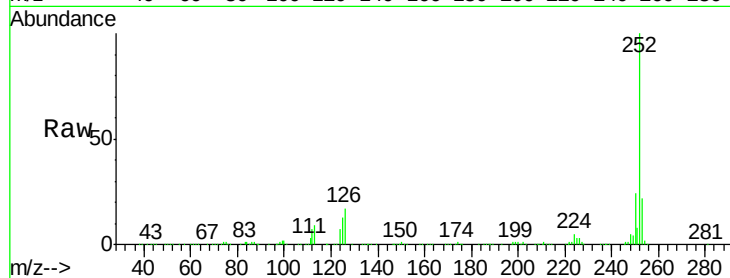
ClientSampleId :

B-42-S2(2.0-2.5)MS

Tot Ion:	252	Resp:	791540
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	13.4	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 50.02 ng

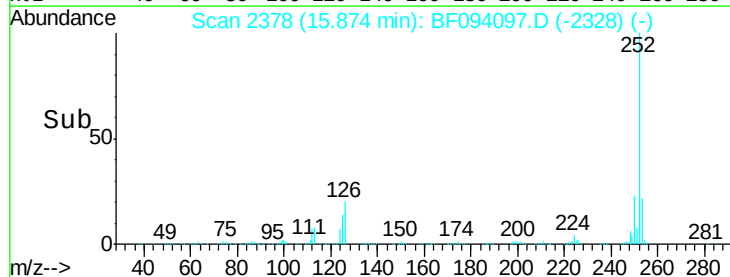
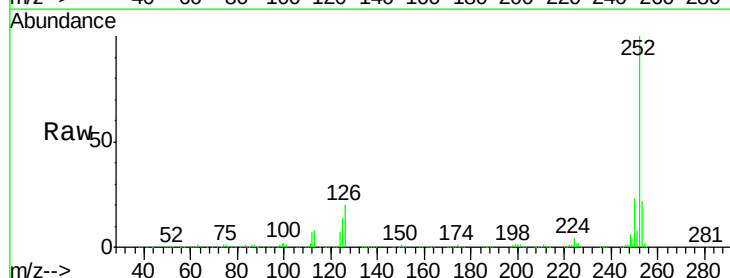
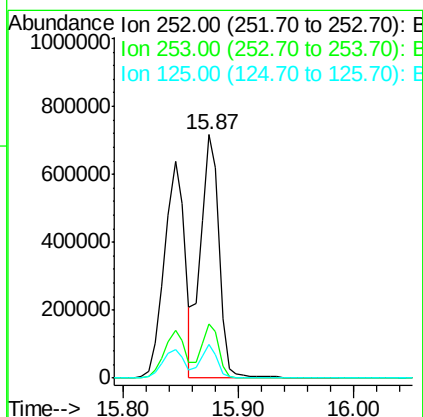
RT: 15.87 min Scan# 2378

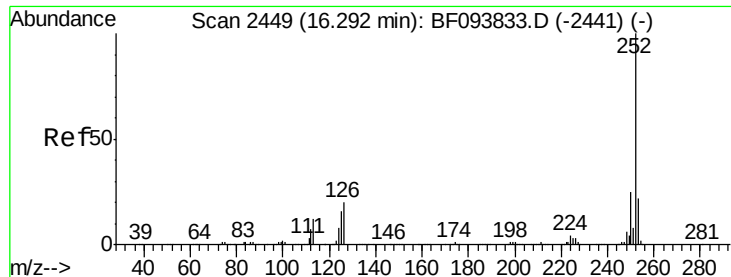
Delta R.T. -0.01 min

Lab File: BF094097.D

Acq: 31 Mar 2017 15:44

Tgt Ion:	252	Resp:	800065
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.4	27.6
125	13.7	13.1	19.7





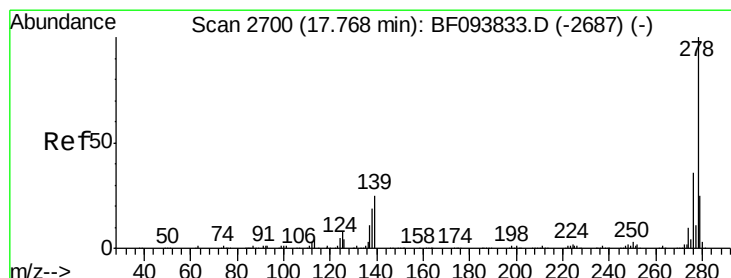
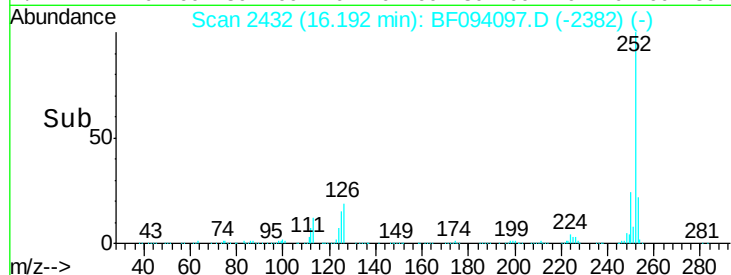
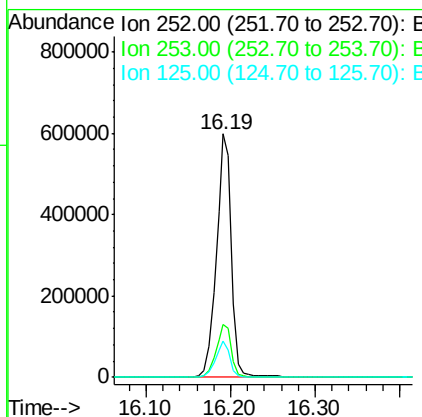
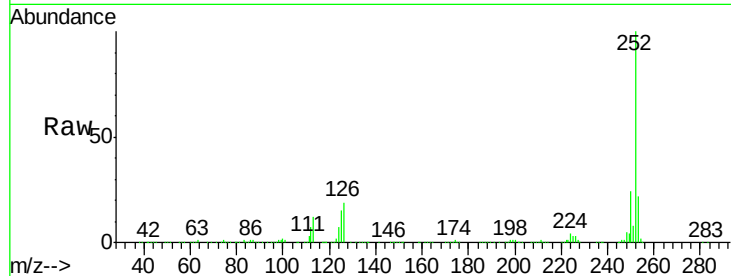
#89
Benzo(a)pyrene
Concen: 49.80 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Instrument :
BNA_F
ClientSampleId :
B-42-S2(2.0-2.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	15.1	11.0	16.4

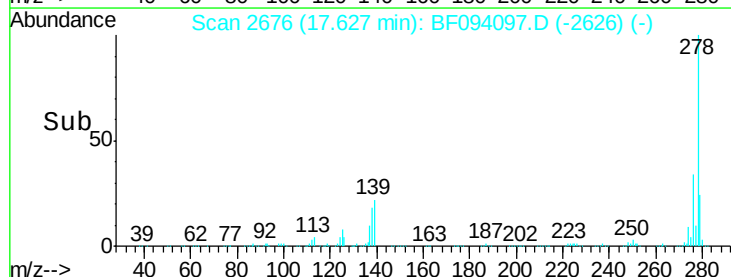
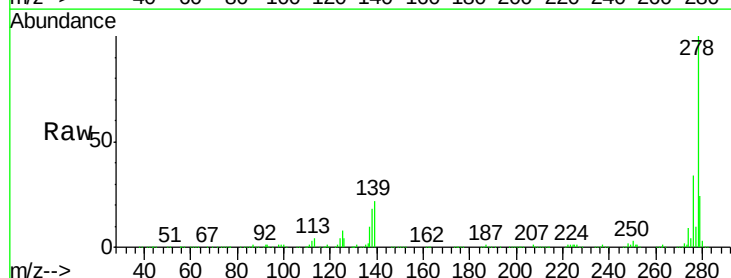
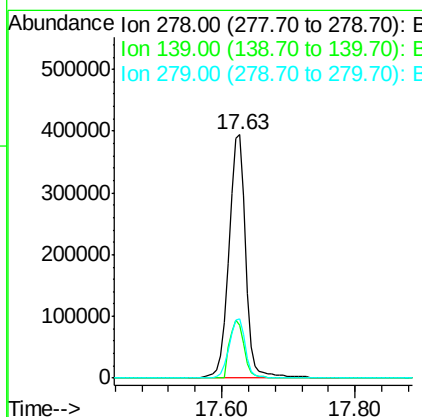
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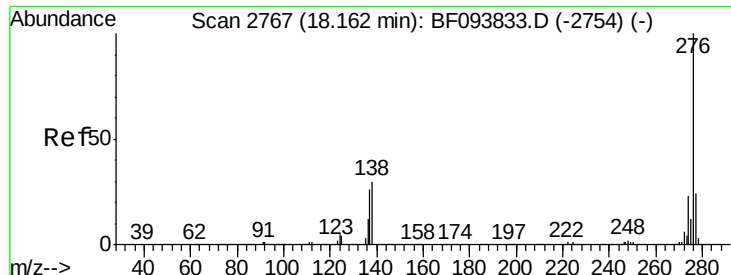
mohammad
4/3/2017 3:25:40 PM



#90
Dibenzo(a,h)anthracene
Concen: 55.25 ng
RT: 17.63 min Scan# 2676
Delta R.T. -0.01 min
Lab File: BF094097.D
Acq: 31 Mar 2017 15:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	24.3	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 56.95 ng
 RT: 18.00 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BF094097.D
 Acq: 31 Mar 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 B-42-S2(2.0-2.5)MS

Tot Ion:	276	Resp:	731728
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.6	28.0
138	30.7	25.4	38.0

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