

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093460.D
 Acq On : 9 Mar 2017 7:11
 Operator : SJ/MA
 Sample : I2103-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:12:50 AM

Quant Time: Mar 09 07:39:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	168267	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	684172	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	285794	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	412976	20.00	ng	0.01
75) Chrysene-d12	13.93	240	350509	20.00	ng	0.01
86) Perylene-d12	15.35	264	280283	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1367144	135.22	ng	0.02
7) Phenol-d6	6.42	99	1642390	128.82	ng	0.01
23) Nitrobenzene-d5	7.34	82	1216465	98.65	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	251021	134.81	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	1715593	111.66	ng	0.00
78) Terphenyl-d14	12.87	244	1056902	78.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	220116	39.53	ng	# 72
3) Pyridine	3.13	79	439710m	30.97	ng	
4) n-Nitrosodimethylamine	3.05	42	315424	46.51	ng	88
6) Aniline	6.44	93	183984	10.51	ng	# 1
8) 2-Chlorophenol	6.56	128	505016	44.58	ng	97
9) Benzaldehyde	6.33	77	43366	3.71	ng	97
10) Phenol	6.44	94	654520	41.90	ng	87
11) bis(2-Chloroethyl)ether	6.50	93	562960	44.58	ng	92
12) 1,3-Dichlorobenzene	6.70	146	547896m	42.26	ng	
13) 1,4-Dichlorobenzene	6.78	146	570989	43.01	ng	99
14) 1,2-Dichlorobenzene	6.94	146	516190	43.91	ng	95
15) Benzyl Alcohol	6.93	79	455955	50.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	931254	44.40	ng	64
17) 2-Methylphenol	7.05	107	409852	42.78	ng	# 87
18) Hexachloroethane	7.27	117	179569	40.11	ng	91
19) n-Nitroso-di-n-propylamine	7.19	70	389178	44.40	ng	92
20) 3+4-Methylphenols	7.21	107	601369	48.40	ng	# 73
22) Acetophenone	7.19	105	770999	46.83	ng	# 95
24) Nitrobenzene	7.36	77	604581	43.62	ng	99
25) Isophorone	7.60	82	1087155	43.72	ng	95
26) 2-Nitrophenol	7.68	139	273955	43.33	ng	95
27) 2,4-Dimethylphenol	7.73	122	447054	43.46	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	682437	43.47	ng	97
29) 2,4-Dichlorophenol	7.93	162	445030	45.99	ng	90
30) 1,2,4-Trichlorobenzene	8.00	180	453516	44.07	ng	96
31) Naphthalene	8.08	128	1458566	42.54	ng	99
32) Benzoic acid	7.89	122	228704	42.79	ng	98
33) 4-Chloroaniline	8.15	127	135201	9.72	ng	97
34) Hexachlorobutadiene	8.18	225	226464	42.72	ng	99
35) Caprolactam	8.52	113	106721	32.29	ng	# 26
36) 4-Chloro-3-methylphenol	8.64	107	450565	43.62	ng	98
37) 2-Methylnaphthalene	8.77	142	915815	41.98	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	417298	53.47	ng	99
40) Hexachlorocyclopentadiene	8.92	237	25296	22.99	ng	96

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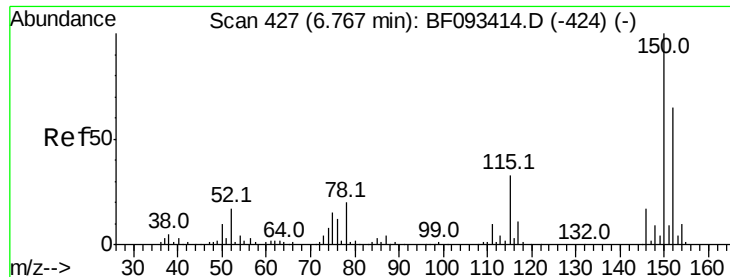
Manual Integrations
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Quant Time: Mar 09 07:39:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	262930	53.93	nq	96
43) 2,4,5-Trichlorophenol	9.11	196	253791	48.51	nq	97
45) 1,1'-Biphenyl	9.24	154	1122329	53.91	nq	99
46) 2-Chloronaphthalene	9.26	162	875198	54.92	nq	98
47) 2-Nitroaniline	9.36	65	317138	56.29	nq	# 81
48) Acenaphthylene	9.67	152	1211499	46.09	nq	99
49) Dimethylphthalate	9.53	163	1001631	52.87	nq	98
50) 2,6-Dinitrotoluene	9.61	165	213983	51.47	nq	# 85
51) Acenaphthene	9.84	154	761036	48.97	nq	96
52) 3-Nitroaniline	9.78	138	143396	28.71	nq	80
53) 2,4-Dinitrophenol	9.92	184	21577	11.40	nq	# 71
54) Dibenzofuran	10.01	168	1038274	53.37	nq	98
55) 4-Nitrophenol	9.98	139	139815m	57.63	nq	
56) 2,4-Dinitrotoluene	10.02	165	238466	46.69	nq	# 74
57) Fluorene	10.36	166	802246	48.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	176578	47.82	nq	99
59) Diethylphthalate	10.23	149	898355	49.61	nq	100
60) 4-Chlorophenyl-phenylether	10.34	204	373487	50.55	nq	92
61) 4-Nitroaniline	10.39	138	204869	40.11	nq	94
62) Azobenzene	10.50	77	1064560	51.74	nq	95
64) 4,6-Dinitro-2-methylphenol	10.44	198	21545	8.05	nq	# 37
65) n-Nitrosodiphenylamine	10.47	169	715449	51.88	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	218191	49.96	nq	92
67) Hexachlorobenzene	10.90	284	189876	45.53	nq	# 85
68) Atrazine	11.00	200	178042	44.11	nq	99
69) Pentachlorophenol	11.11	266	139750	97.07	nq	97
70) Phenanthrene	11.32	178	1036387	43.97	nq	99
71) Anthracene	11.37	178	1108282	46.48	nq	98
72) Carbazole	11.53	167	967899	43.21	nq	98
73) Di-n-butylphthalate	11.85	149	1314645	50.73	nq	# 97
74) Fluoranthene	12.51	202	951081	41.77	nq	98
76) Benzidine	12.63	184	161420	14.00	nq	97
77) Pyrene	12.73	202	959668	37.65	nq	99
79) Butylbenzylphthalate	13.35	149	496722	46.29	nq	# 82
80) Benzo(a)anthracene	13.92	228	871852	42.12	nq	100
81) 3,3'-Dichlorobenzidine	13.89	252	265966	36.69	nq	# 95
82) Chrysene	13.96	228	779385	40.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	660500	44.16	nq	# 100
84) Di-n-octyl phthalate	14.52	149	1184369	47.51	nq	95
85) Indeno(1,2,3-cd)pyrene	16.72	276	639653	39.90	nq	# 93
87) Benzo(b)fluoranthene	14.95	252	854593m	50.06	nq	
88) Benzo(k)fluoranthene	14.97	252	688815m	41.84	nq	
89) Benzo(a)pyrene	15.29	252	730717	46.84	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	548759	42.52	nq	# 94
91) Benzo(g,h,i)perylene	17.13	276	526424	39.74	nq	# 89

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



#1

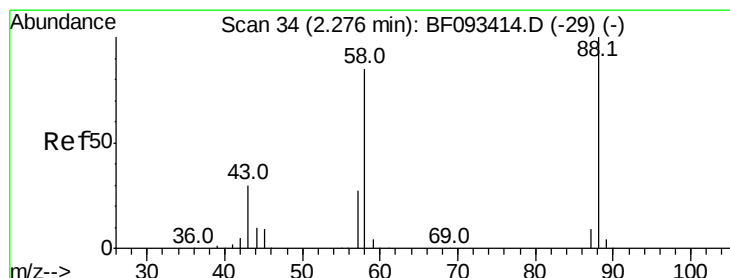
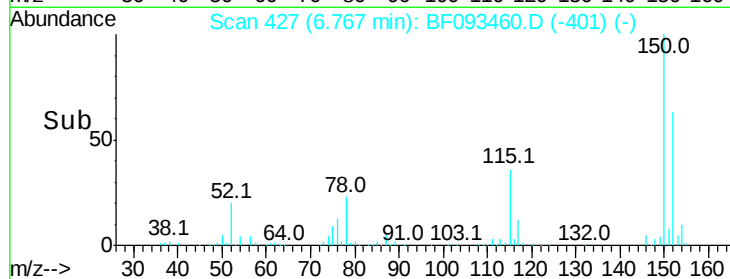
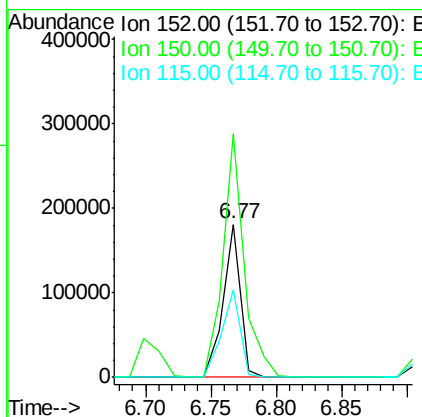
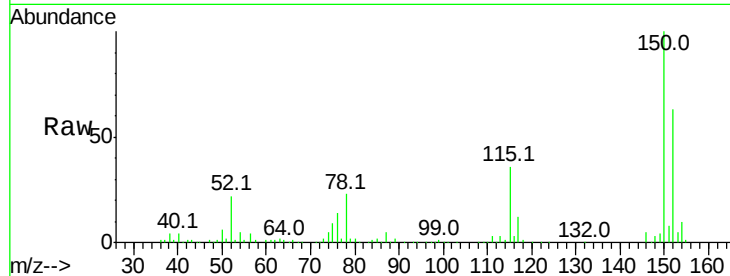
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.9	187.3
115	57.6	46.0	69.0

Manual Integrations
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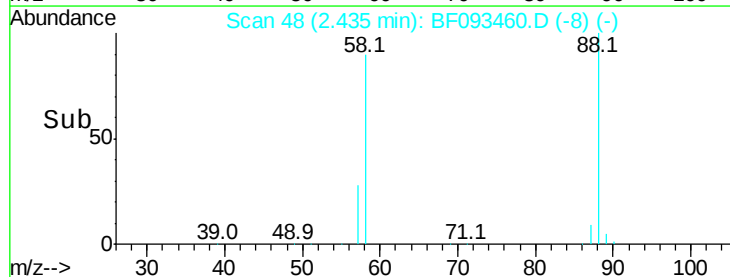
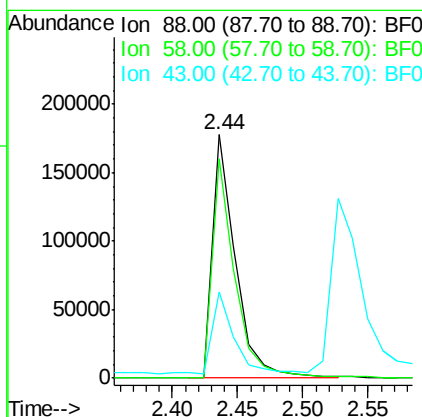
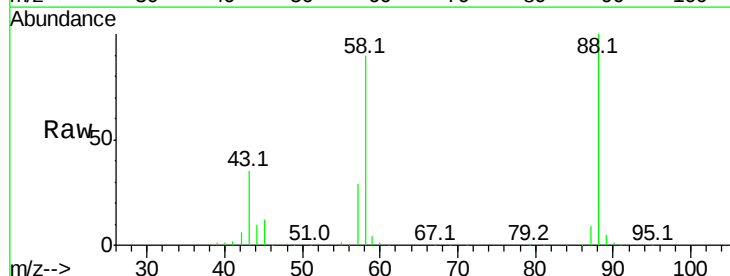
mohammad
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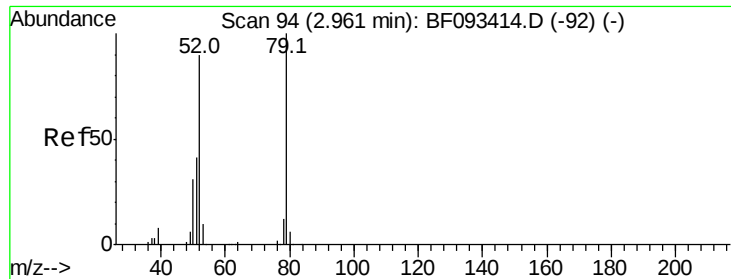


#2

1,4-Dioxane
Concen: 39.53 ng
RT: 2.44 min Scan# 48
Delta R.T. 0.16 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	57.8	86.8#
43	0.0	22.3	33.5#





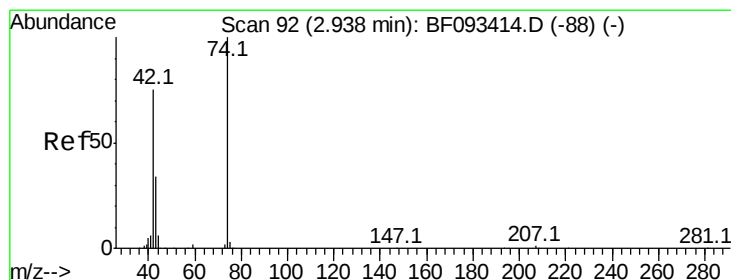
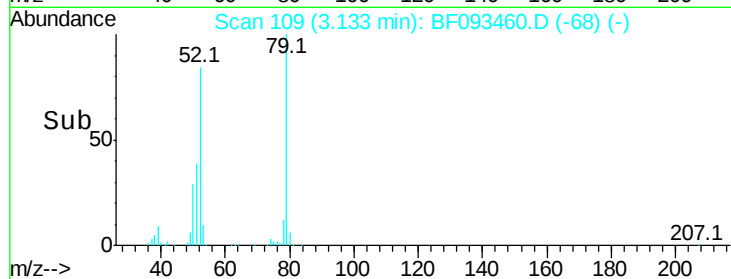
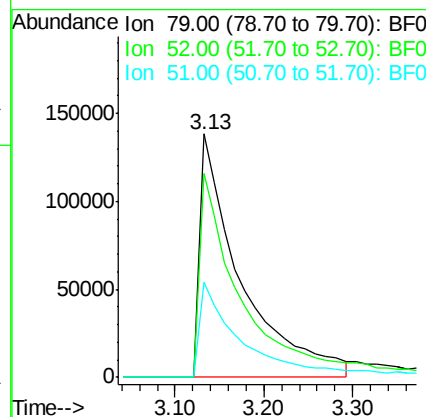
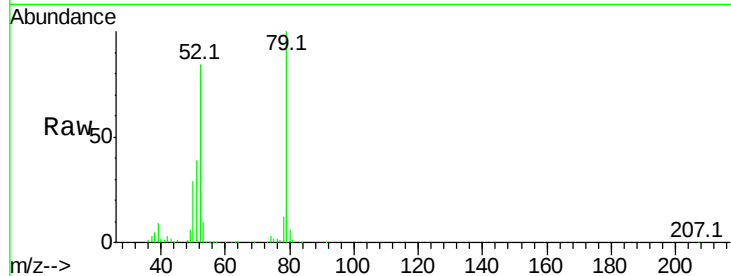
#3
 Pvridine
 Concen: 30.97 ng/ml
 RT: 3.13 min Scan# 109
 Delta R.T. 0.17 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.6	57.1	85.7
51	39.2	27.3	40.9

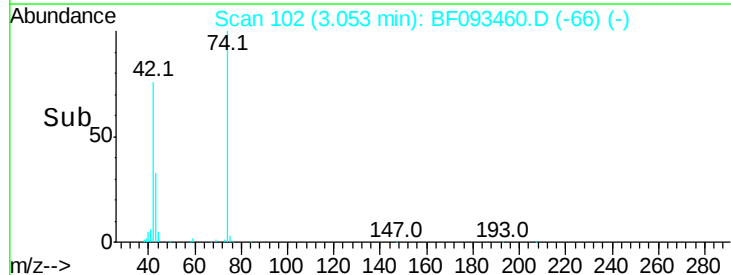
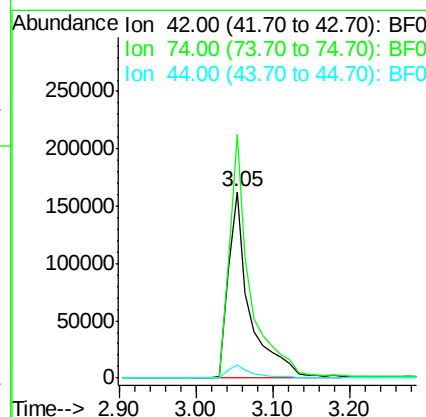
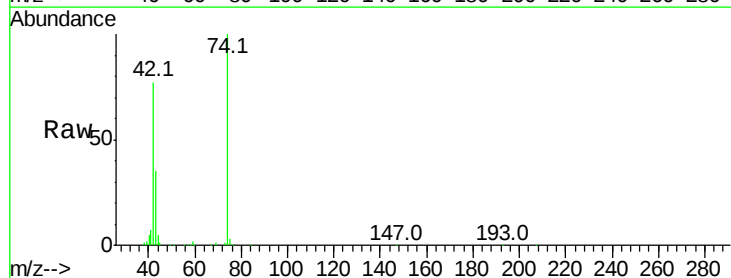
Manual Integrations
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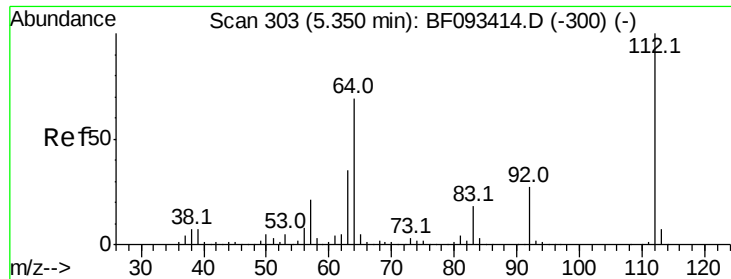
mohammad
 3/10/2017 8:12:50 AM



#4
 n-Nitrosodimethylamine
 Concen: 46.51 ng
 RT: 3.05 min Scan# 102
 Delta R.T. 0.11 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.5	117.0	175.4
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 135.22 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MSD

Tot Ion:112 Resp: 1367144

Ion Ratio Lower Upper

112 100

64 72.1 46.1 69.1#

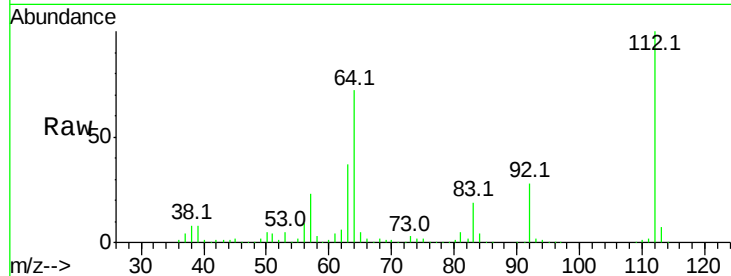
63 36.5 23.8 35.6#

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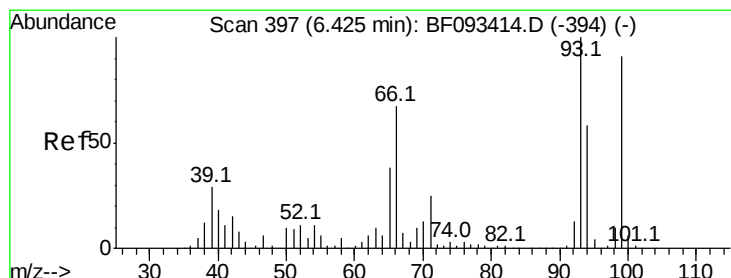
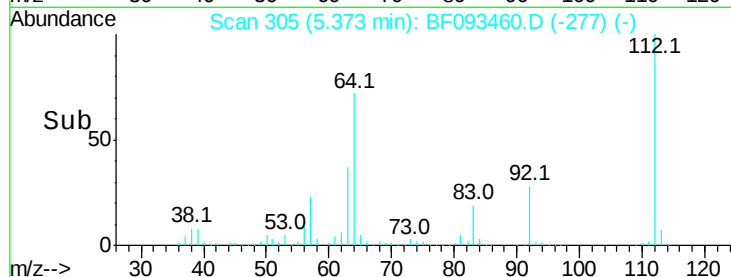
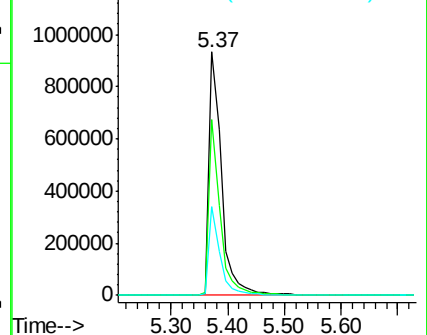
3/10/2017 8:12:50 AM



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: 10.51 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

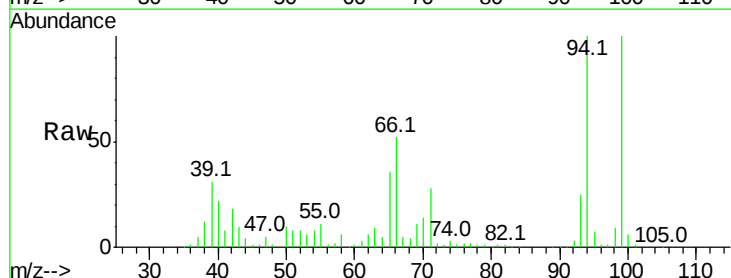
Tgt Ion: 93 Resp: 183984

Ion Ratio Lower Upper

93 100

66 209.5 76.2 114.2#

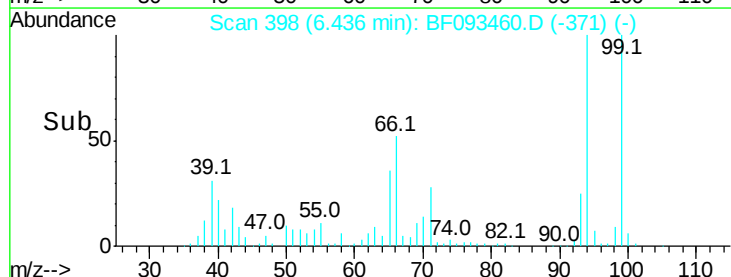
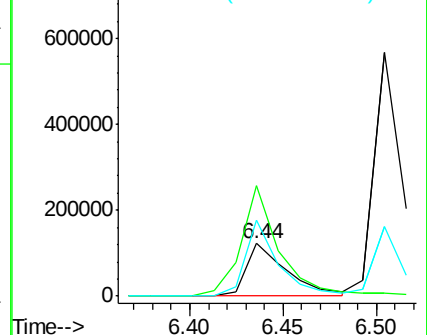
65 143.7 49.3 73.9#

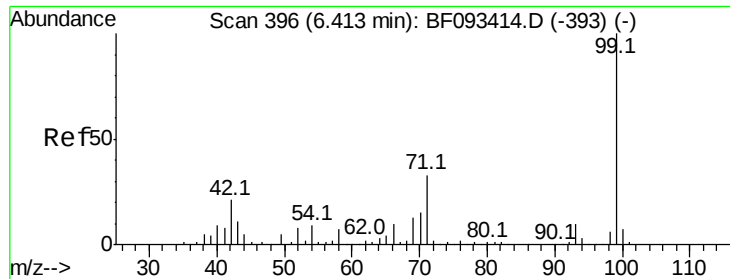


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.82 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MSD

Tot Ion: 99 Resp: 1642390

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

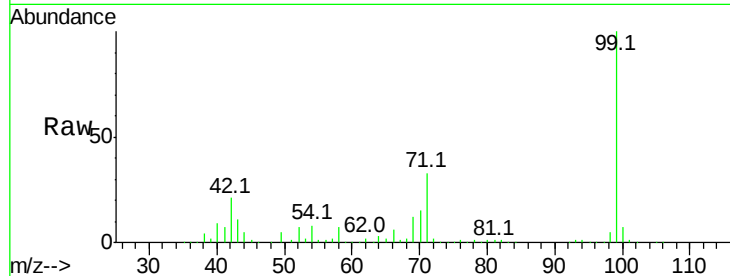
71 33.3 27.5 41.3

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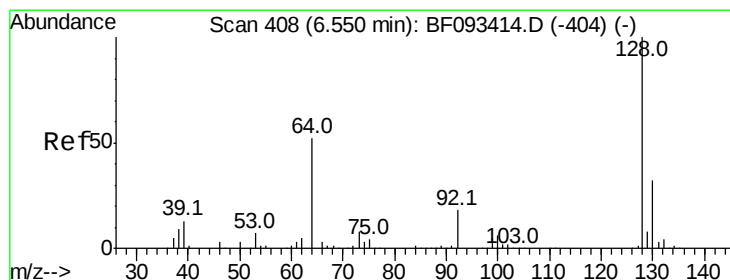
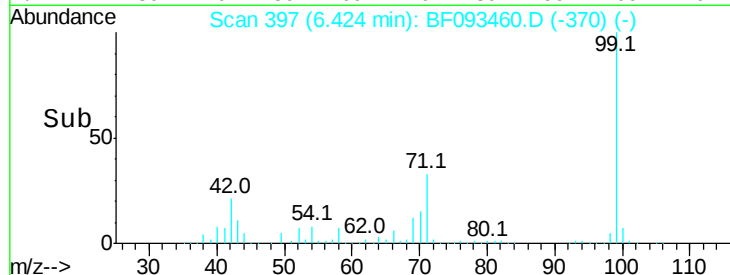
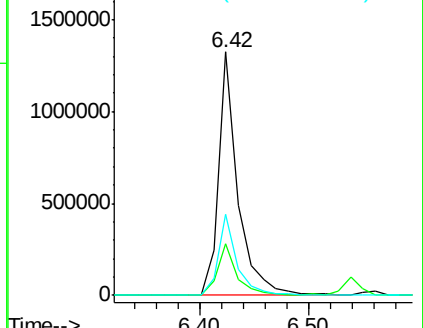
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.58 ng

RT: 6.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

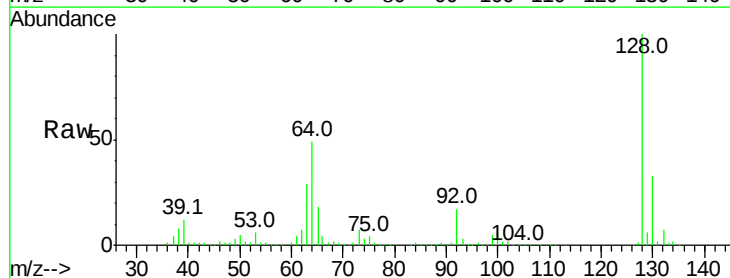
Tgt Ion:128 Resp: 505016

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

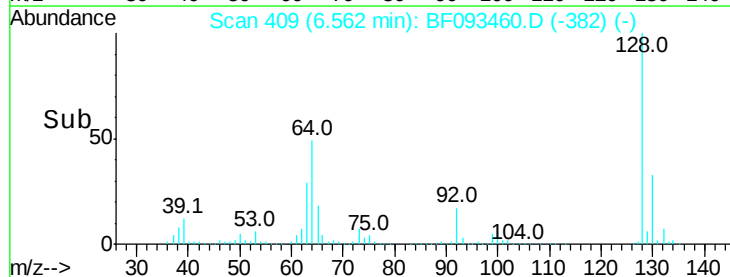
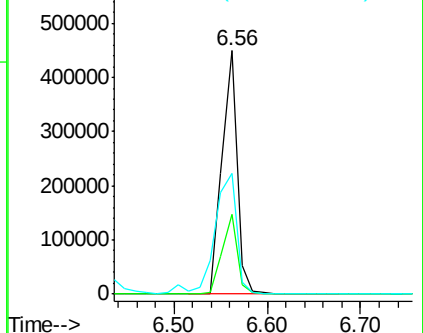
64 49.4 32.2 72.2

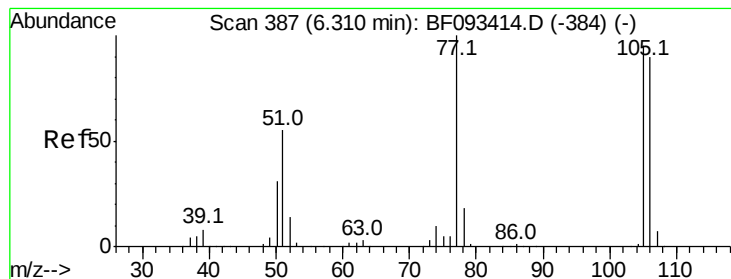


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.71 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.02 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MSD

Tot Ion: 77 Resp: 43366

Ion Ratio Lower Upper

77 100

105 108.5 83.9 123.9

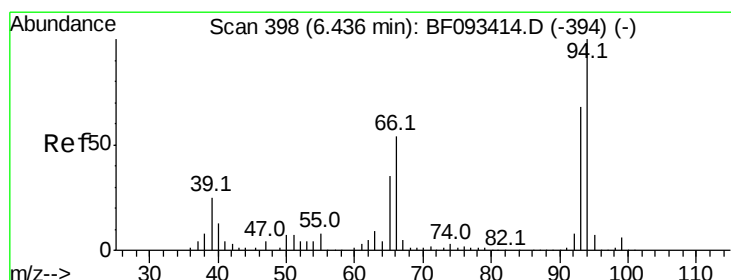
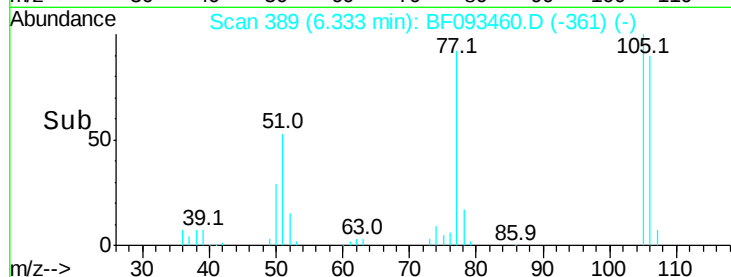
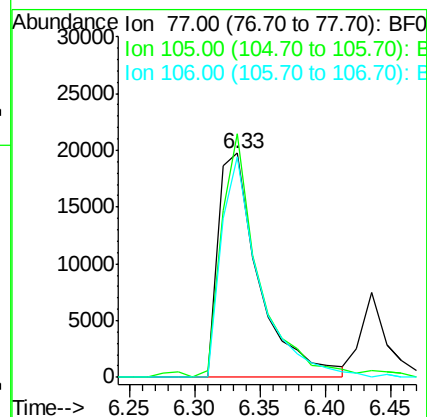
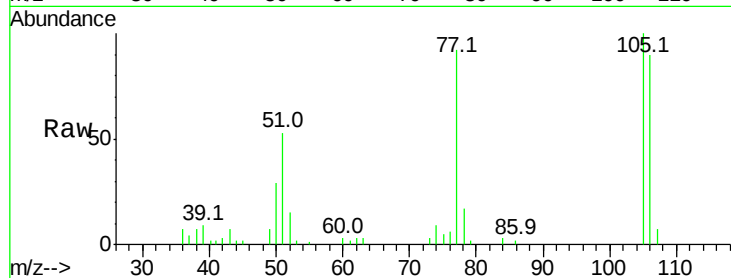
106 98.1 77.6 117.6

Manual Integrations

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#10

Phenol

Concen: 41.90 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

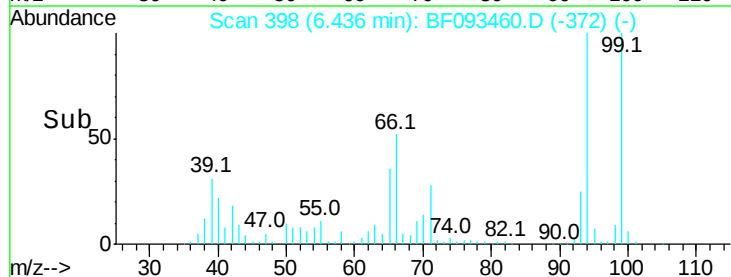
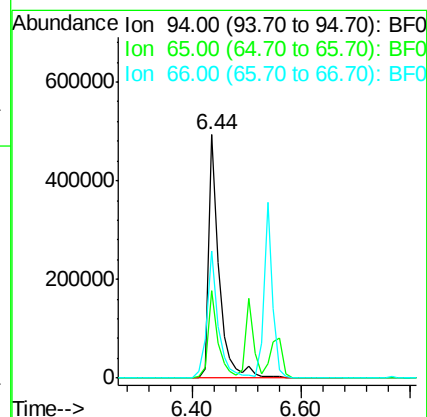
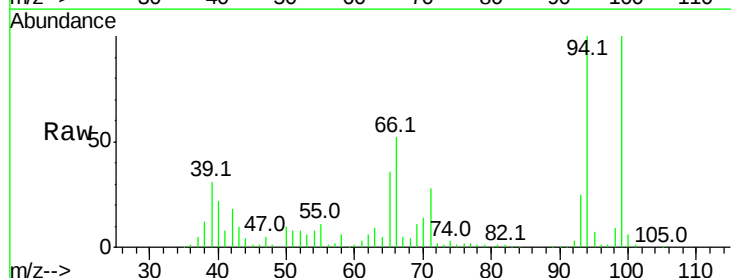
Tgt Ion: 94 Resp: 654520

Ion Ratio Lower Upper

94 100

65 35.7 21.4 61.4

66 52.0 44.0 84.0





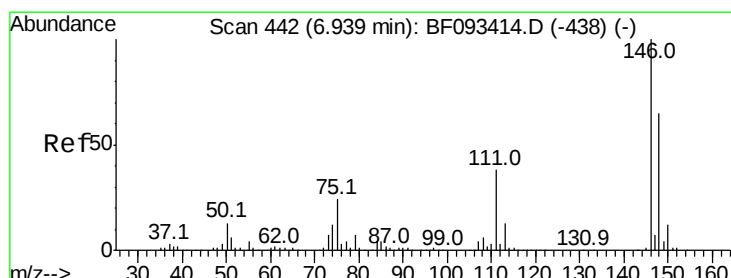
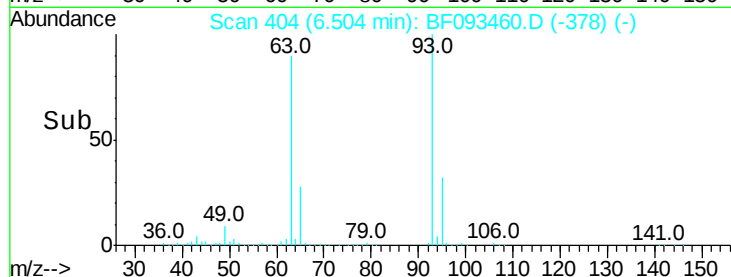
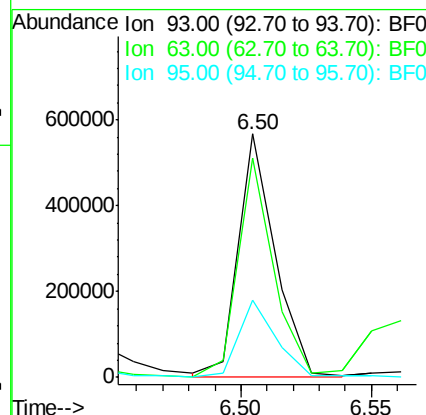
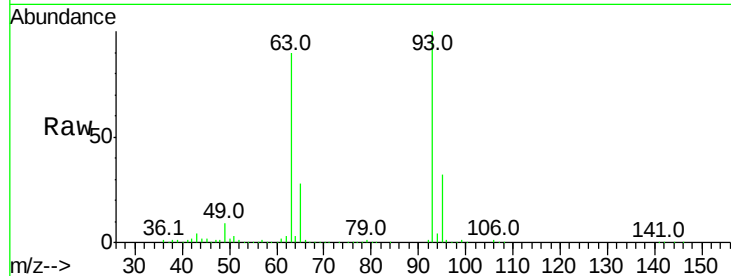
#11
bis(2-Chloroethyl)ether
Concen: 44.58 ng
RT: 6.50 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	562960		
63	90.3		60.4	100.4
95	31.9		12.8	52.8

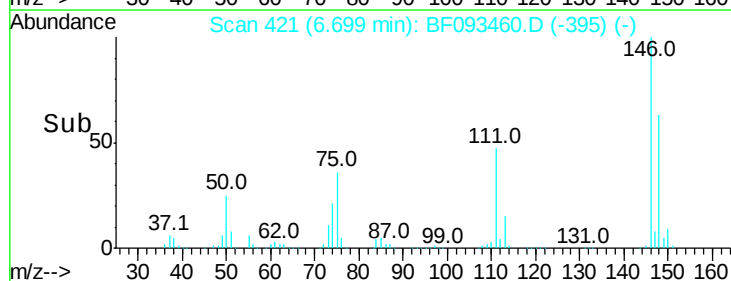
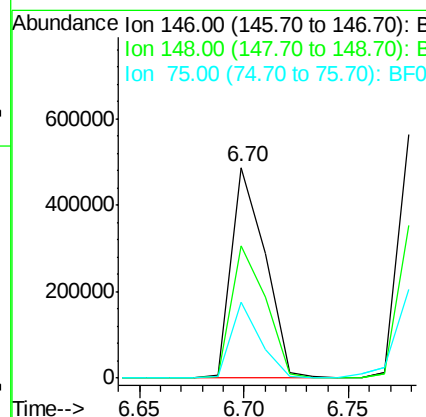
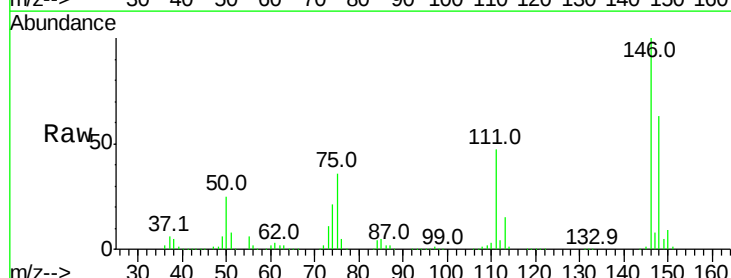
Manual Integrations
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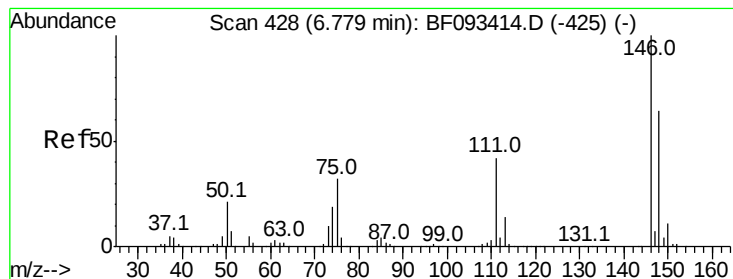
mohammad
3/10/2017 8:12:50 AM



#12
1,3-Dichlorobenzene
Concen: 42.26 ng m
RT: 6.70 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	547896		
148	62.8		53.4	80.0
75	36.3		18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 43.01 ng

RT: 6.78 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

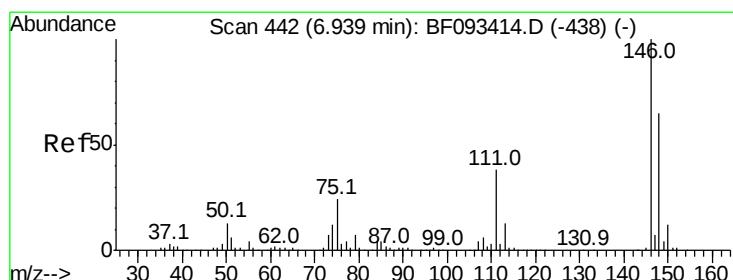
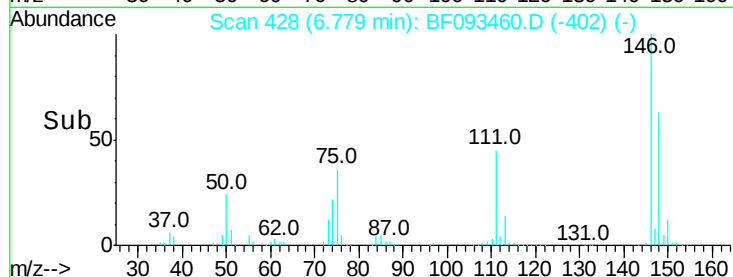
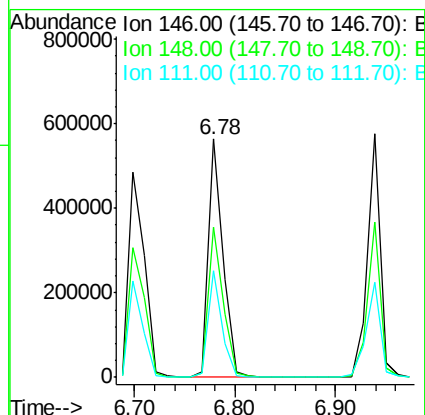
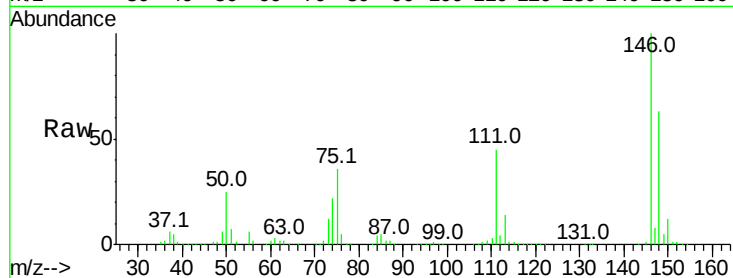
ClientSampleId :

WC-B46-B47-001MSD

Tot Ion:	146	Resp:	570989
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.6	76.0
111	44.7	36.2	54.4

Manual Integrations
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3/10/2017 8:12:50 AM



#14

1,2-Dichlorobenzene

Concen: 43.91 ng

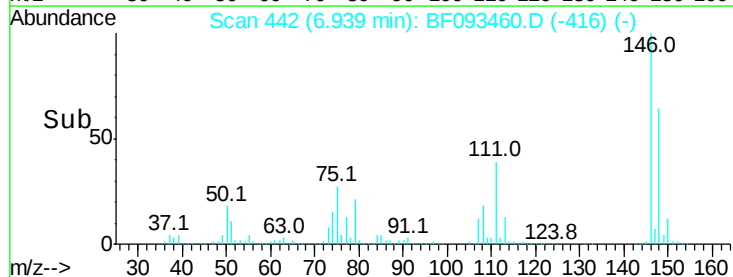
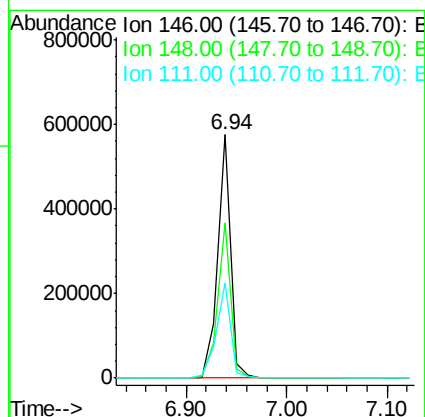
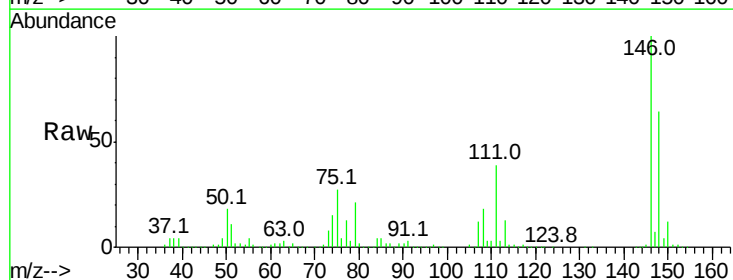
RT: 6.94 min Scan# 442

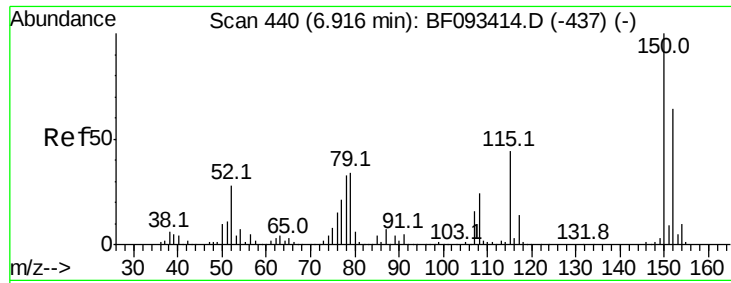
Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Tgt Ion:	146	Resp:	516190
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	39.1	36.2	54.2





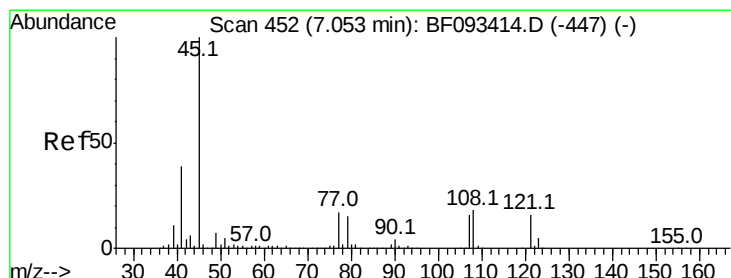
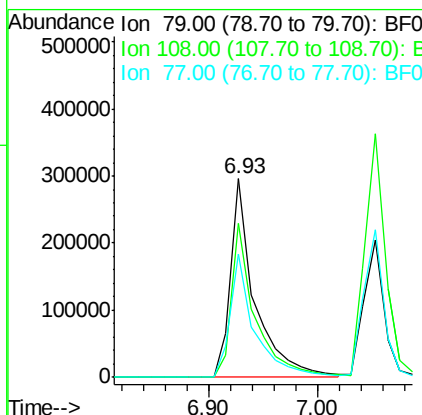
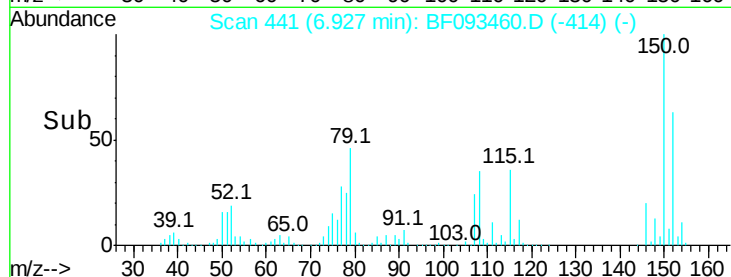
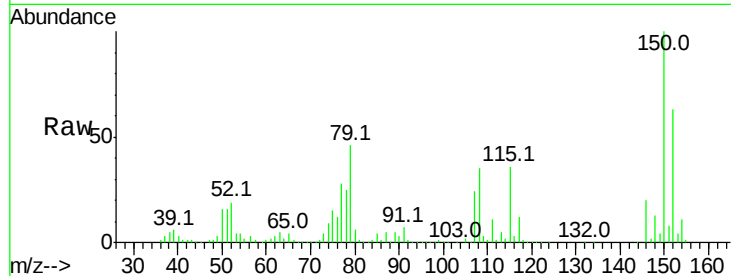
#15
Benzyl Alcohol
Concen: 50.17 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.7	61.4	92.0
77	62.0	50.9	76.3

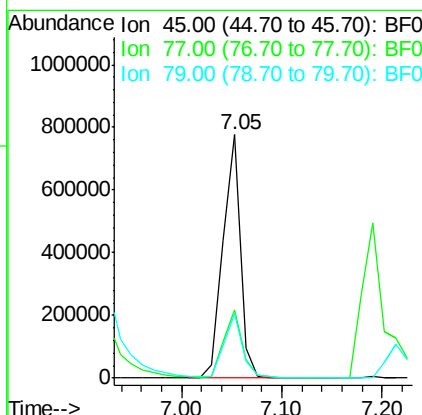
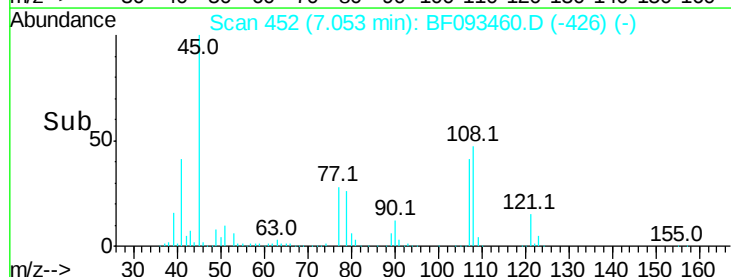
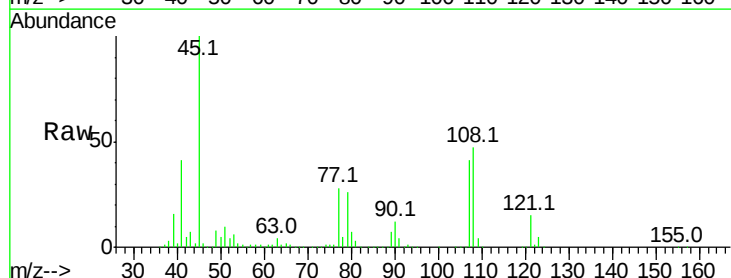
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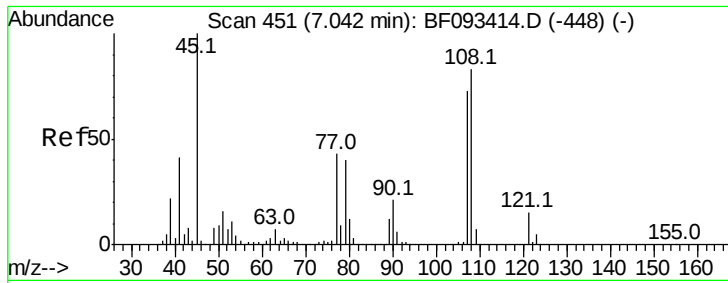
mohammad
3/10/2017 8:12:50 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.40 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.2	0.0	34.6
79	26.3	0.0	31.2





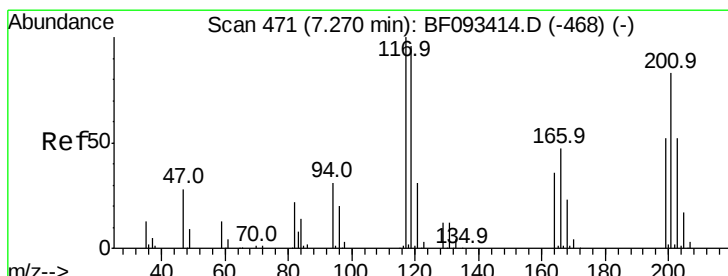
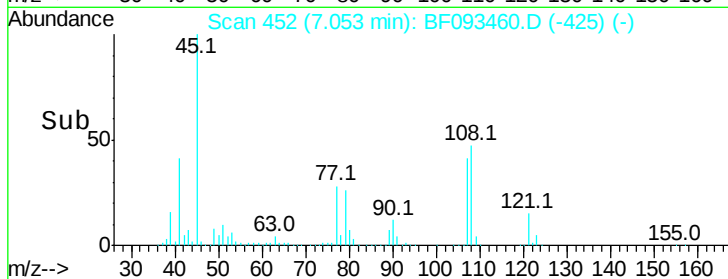
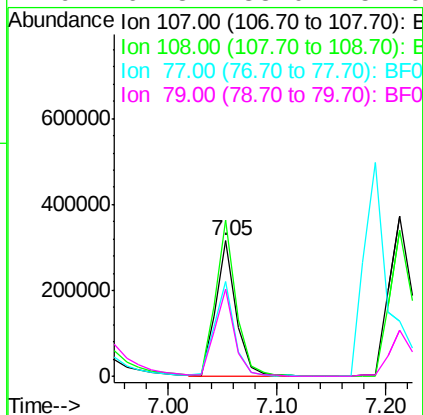
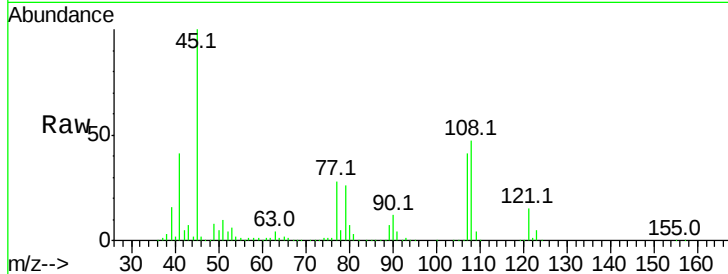
#17
2-Methylphenol
Concen: 42.78 ng
RT: 7.05 min Scan# 452
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	93.0	139.6	
77	69.6	39.8	59.8	
79	64.8	38.0	57.0	

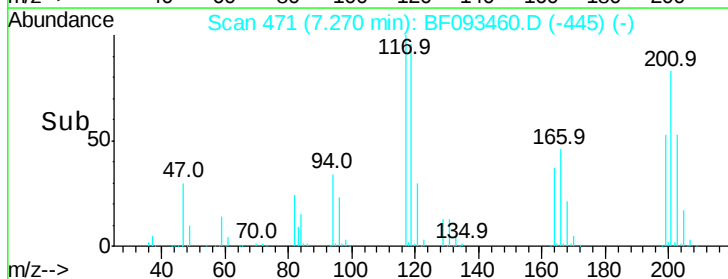
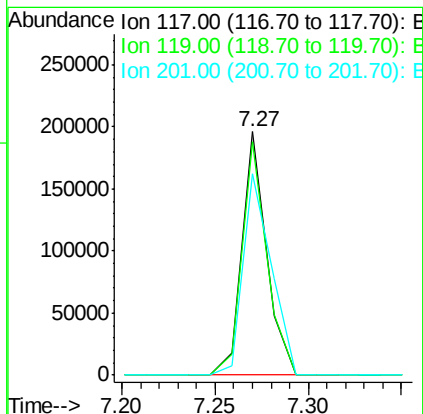
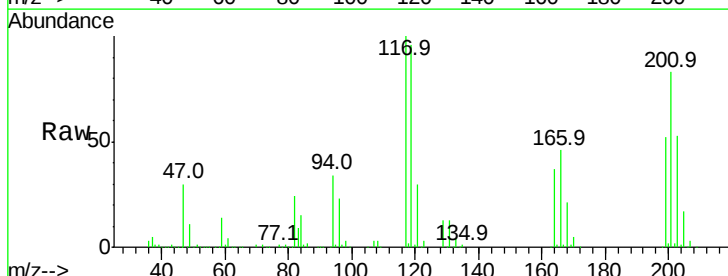
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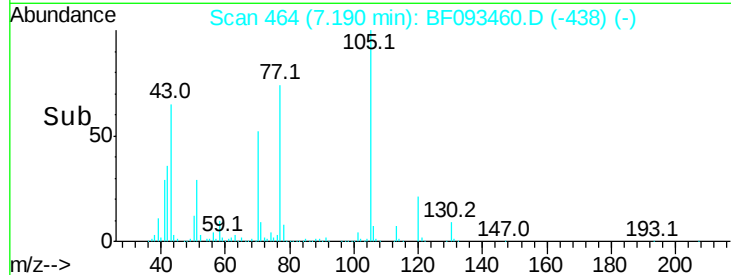
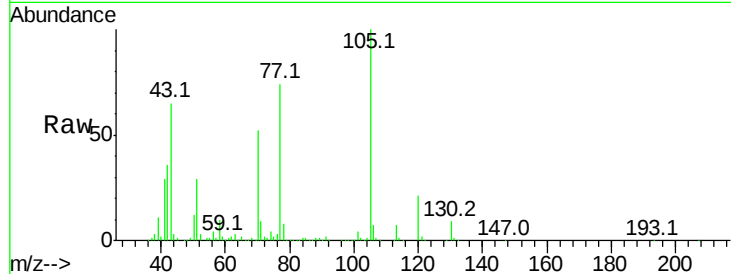
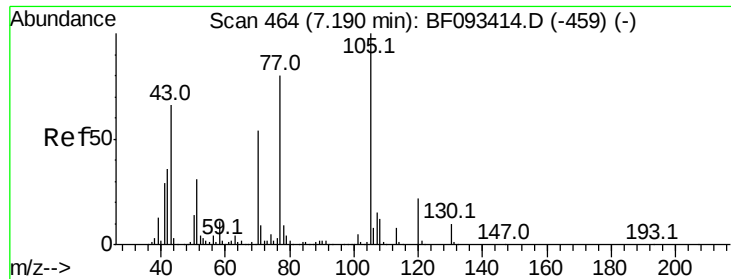
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#18
Hexachloroethane
Concen: 40.11 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	78.1	117.1	
201	82.6	78.6	117.8	





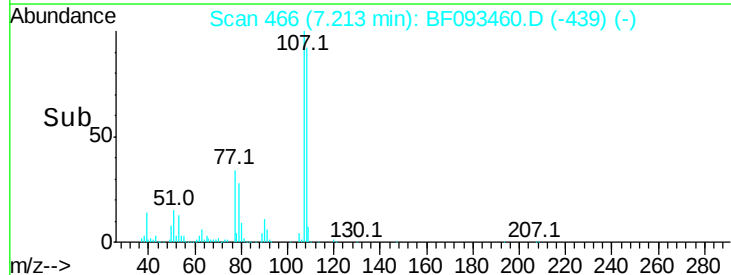
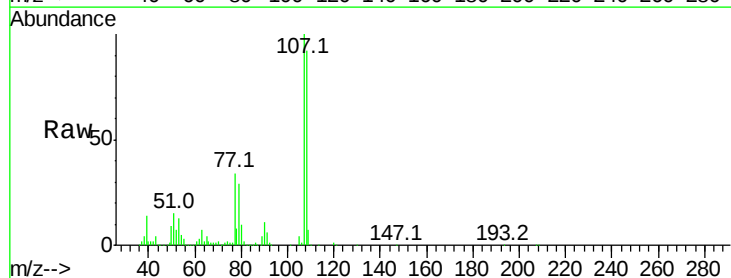
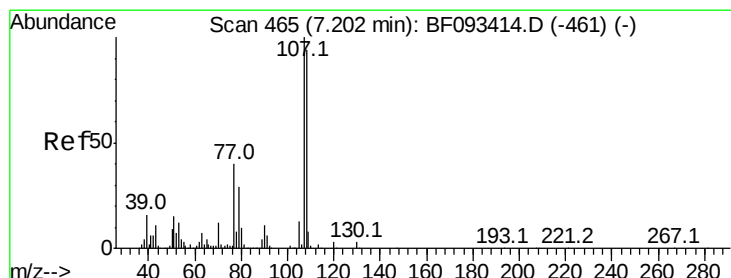
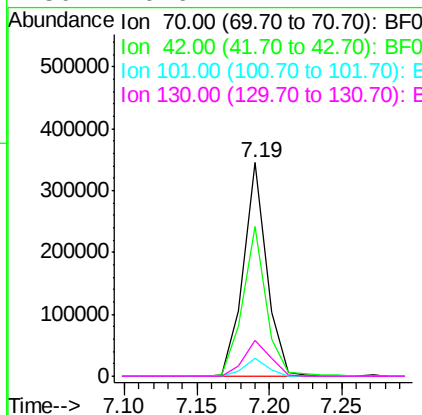
#19
n-Nitroso-di-n-propylamine
Concen: 44.40 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	70.1	49.4	74.0	
101	8.6	7.4	11.2	
130	16.6	14.2	21.4	

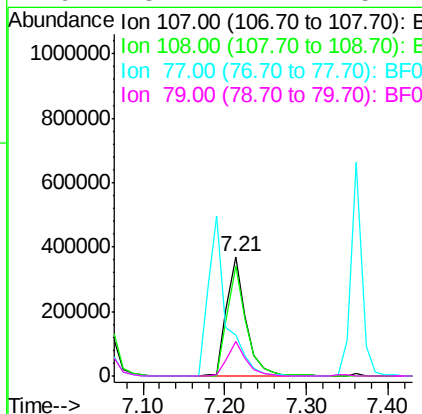
Manual Integrations
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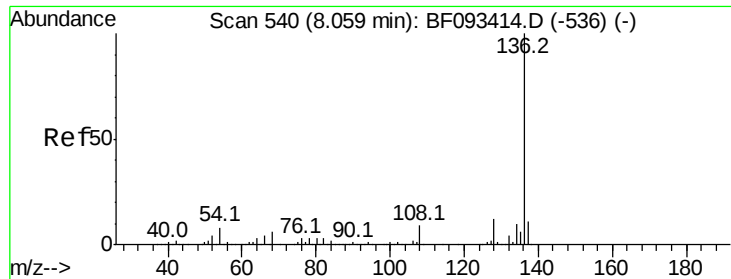
mohammad
3/10/2017 8:12:50 AM



#20
3+4-Methylphenols
Concen: 48.40 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	73.0	113.0	
77	34.4	71.3	111.3#	
79	28.7	11.1	51.1	





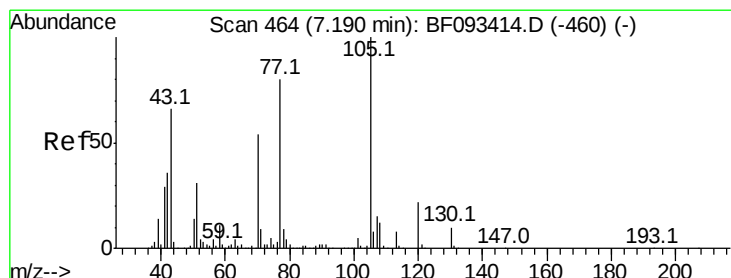
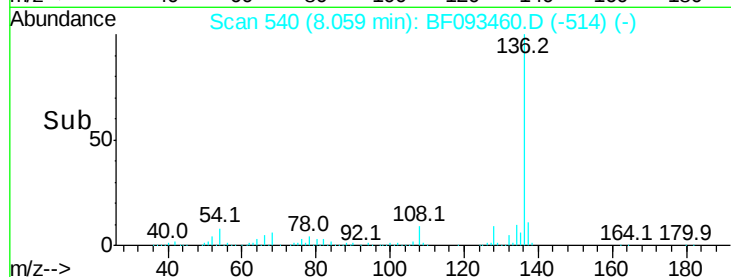
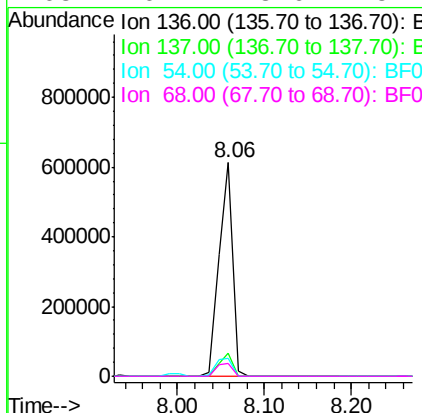
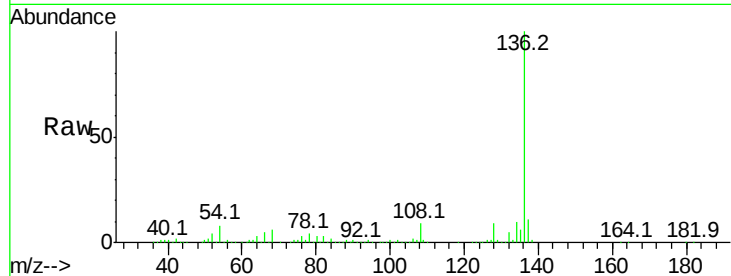
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	684172		
137	10.7	8.4	12.6	
54	8.1	4.5	6.7#	
68	6.2	3.6	5.4#	

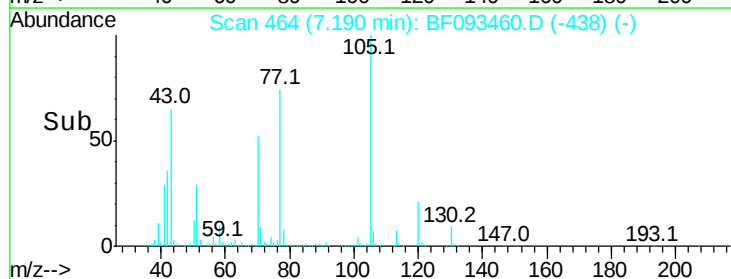
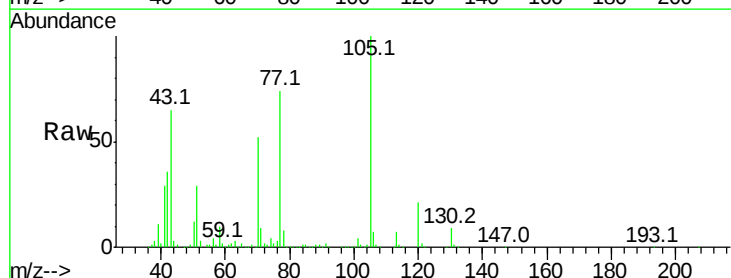
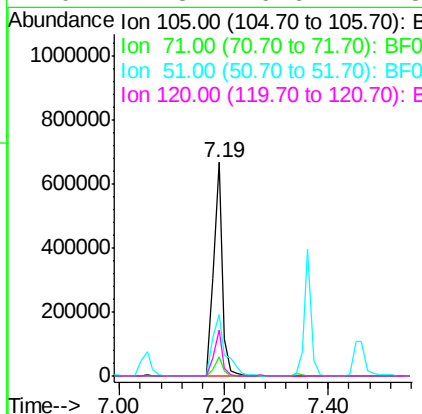
Manual Integrations
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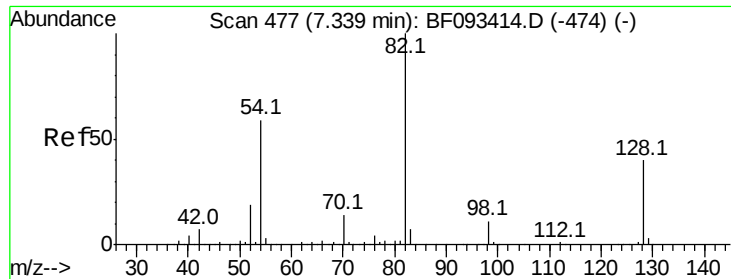
mohammad
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#22
Acetophenone
Concen: 46.83 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	770999		
71	8.9	3.2	4.8#	
51	28.9	26.2	39.4	
120	21.3	16.6	24.8	





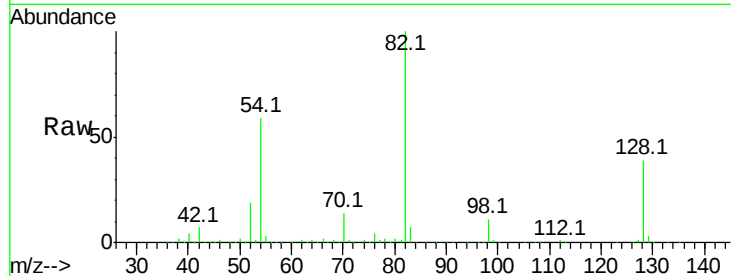
#23
Nitrobenzene-d5
Concen: 98.65 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

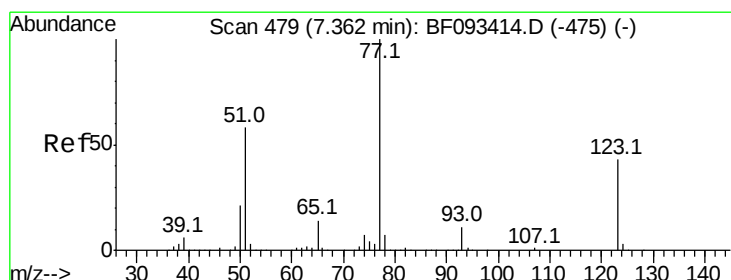
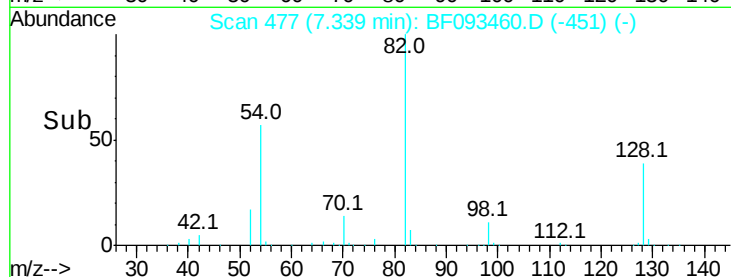
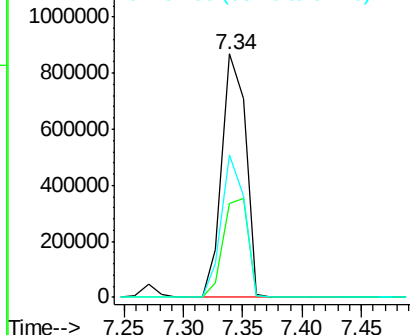
Tot Ion: 82 Resp: 1216465
Ion Ratio Lower Upper
82 100
128 38.6 34.6 52.0
54 58.8 39.5 59.3

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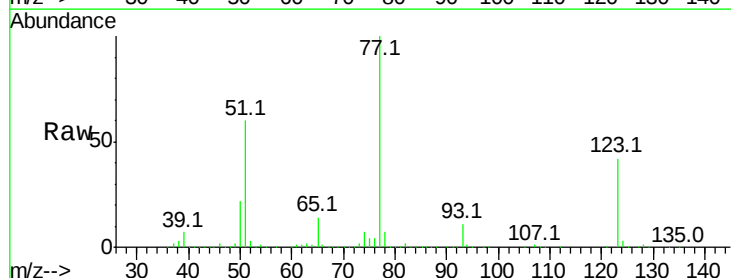


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

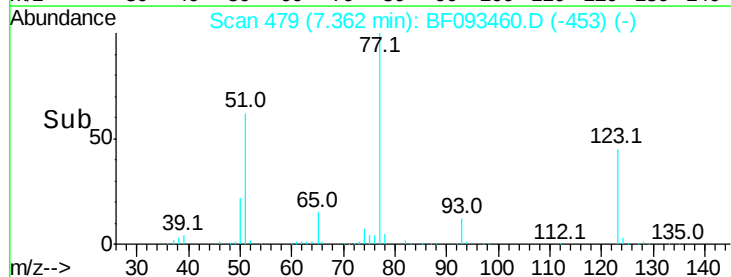
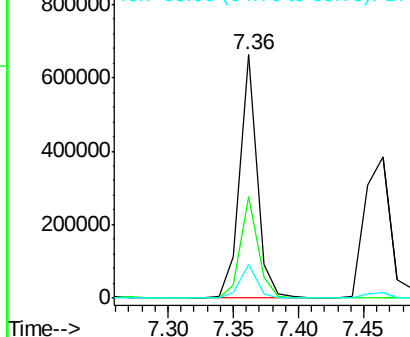


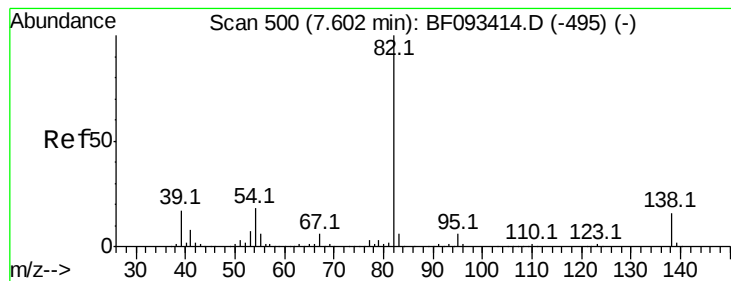
#24
Nitrobenzene
Concen: 43.62 ng
RT: 7.36 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion: 77 Resp: 604581
Ion Ratio Lower Upper
77 100
123 41.8 33.0 49.4
65 14.0 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.72 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MSD

Tot Ion: 82 Resp: 1087155

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

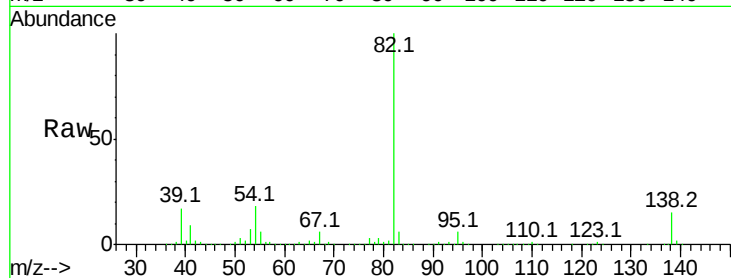
138 15.5 14.6 22.0

Manual Integrations

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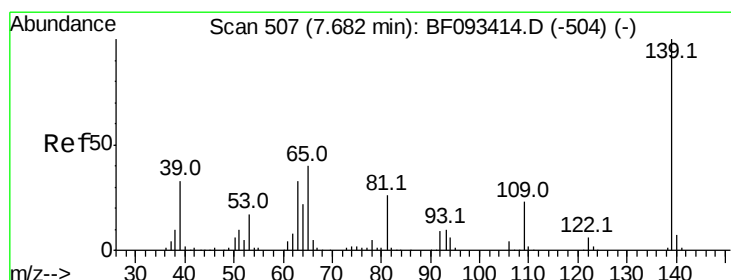
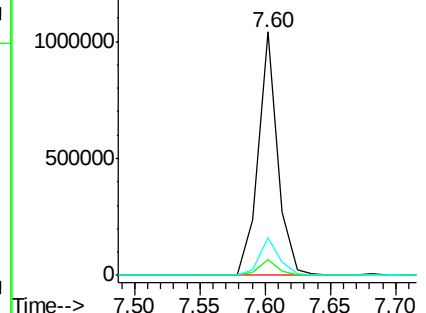
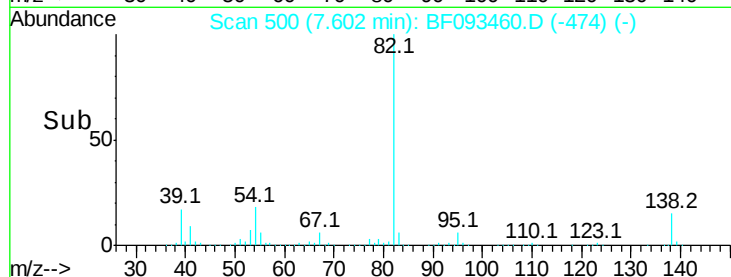
3/10/2017 8:12:50 AM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.33 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

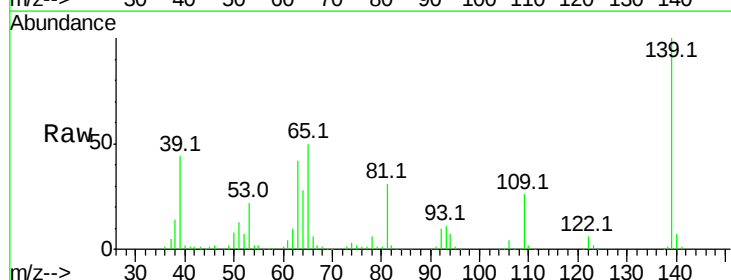
Tgt Ion: 139 Resp: 273955

Ion Ratio Lower Upper

139 100

109 26.0 23.3 34.9

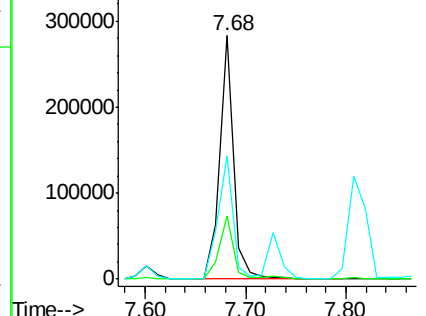
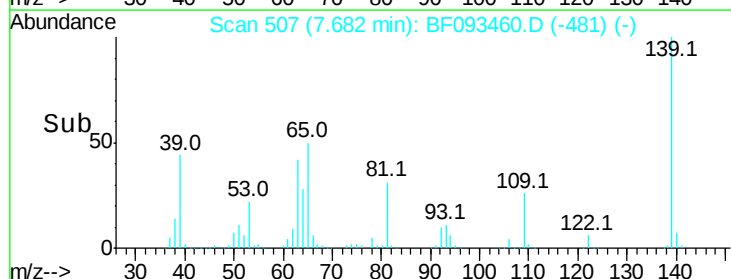
65 50.5 42.7 64.1

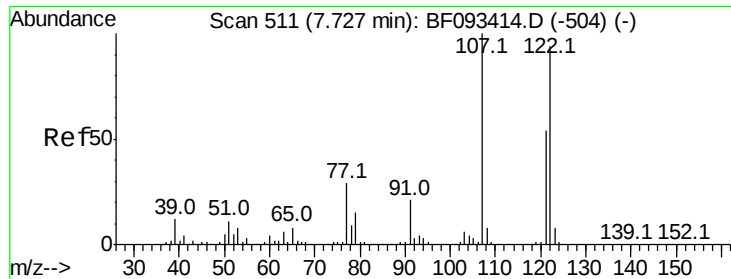


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





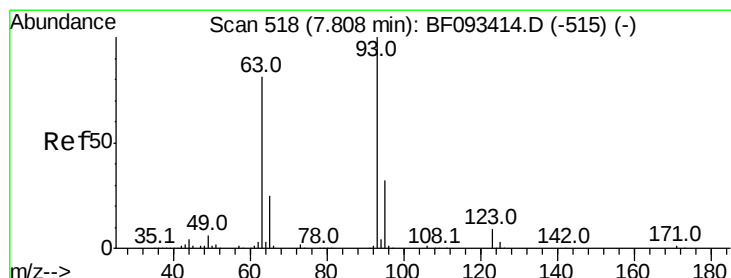
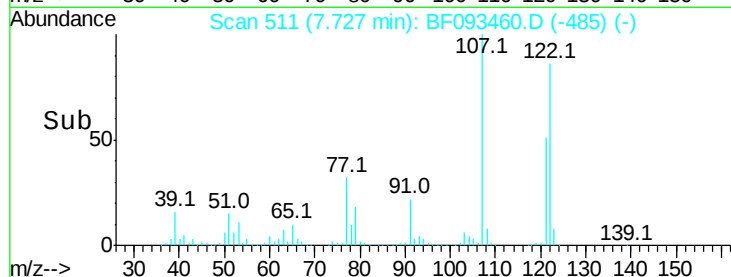
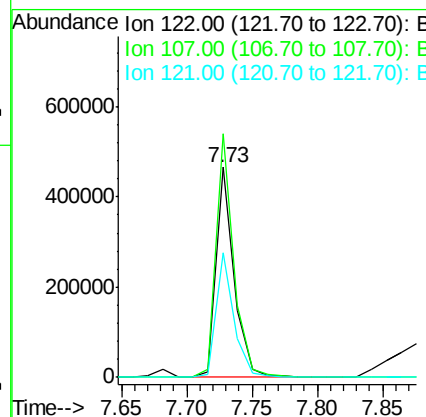
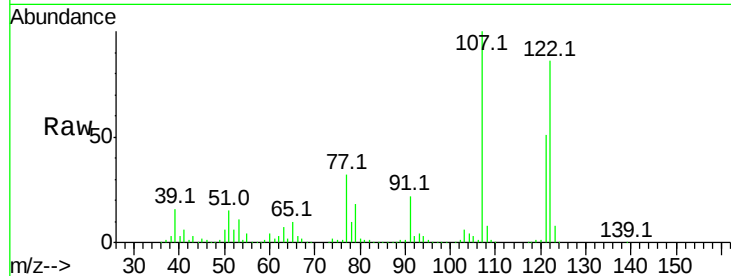
#27
2,4-Dimethylphenol
Concen: 43.46 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	94.1	141.1
121	59.6	46.0	69.0

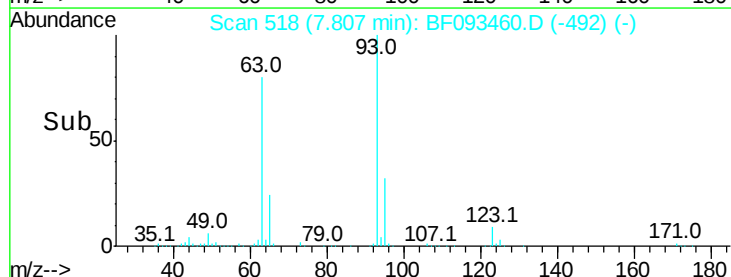
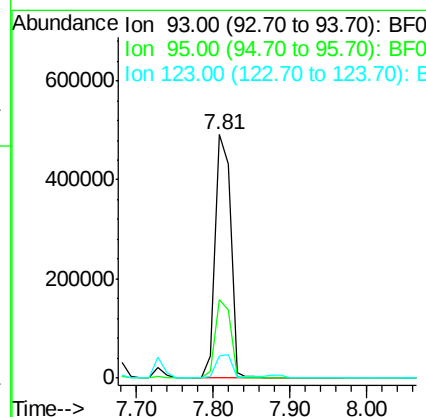
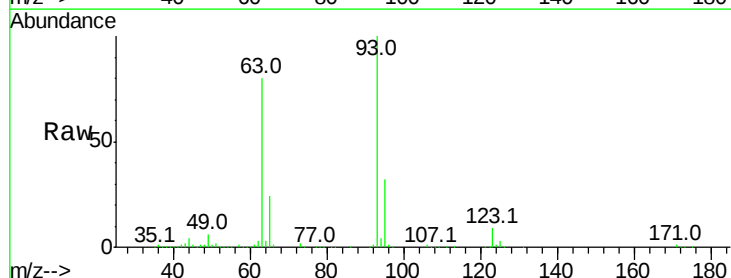
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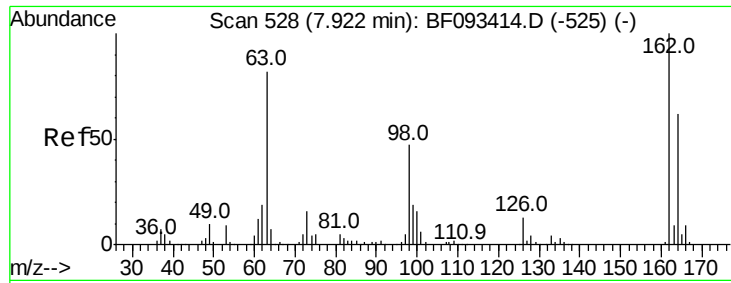
mohammad
3/10/2017 8:12:50 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.47 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.5	39.7
123	8.9	8.6	13.0





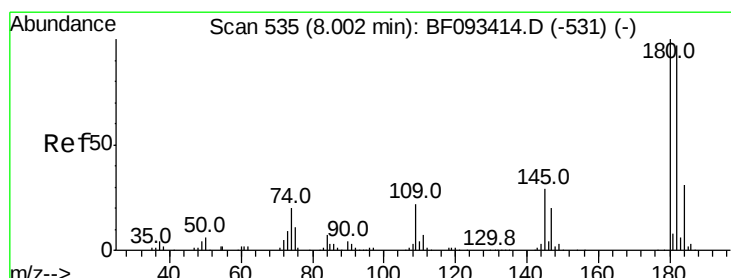
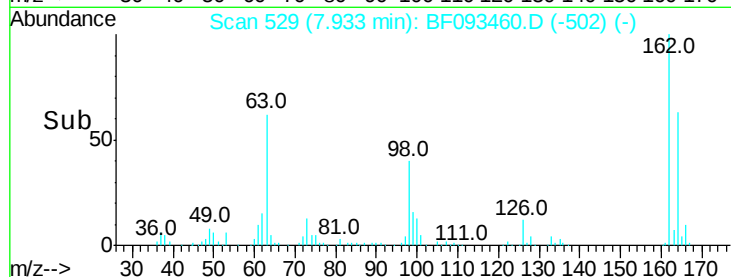
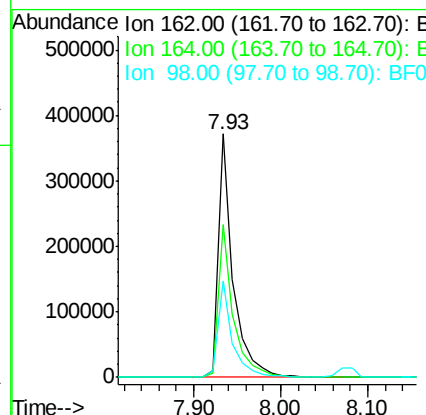
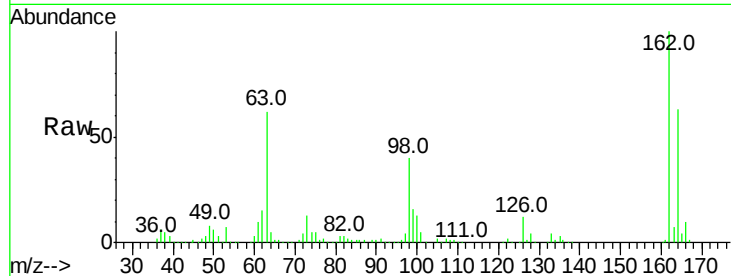
#29
2,4-Dichlorophenol
Concen: 45.99 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.5	46.8	86.8
98	39.6	9.1	49.1

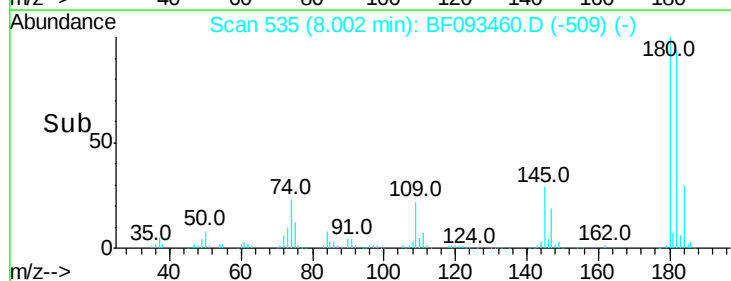
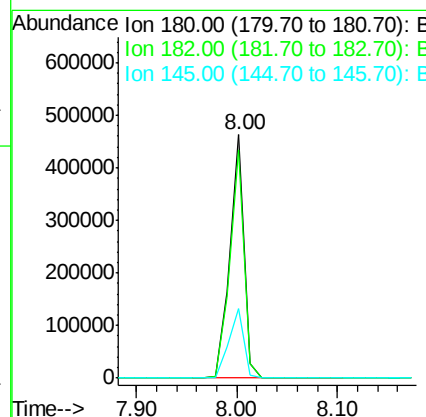
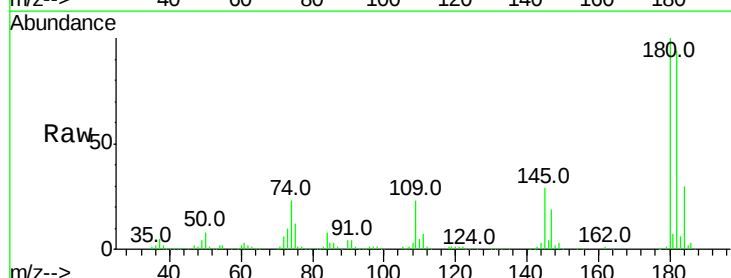
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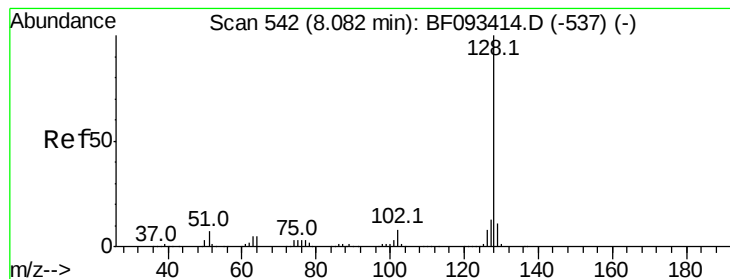
mohammad
3/10/2017 8:12:50 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.07 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	78.2	117.4
145	28.8	21.6	32.4





#31

Naphthalene

Concen: 42.54 ng

RT: 8.08 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MSD

Tot Ion:128 Resp: 1458566

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

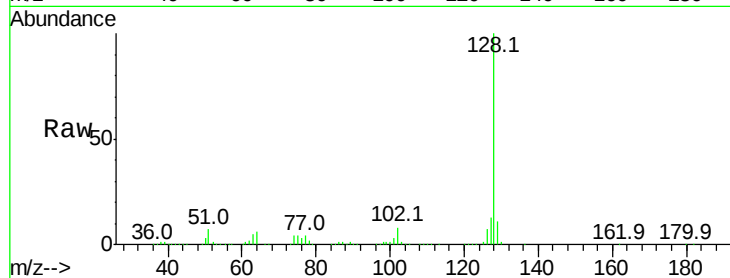
127 13.5 10.8 16.2

Manual Integrations

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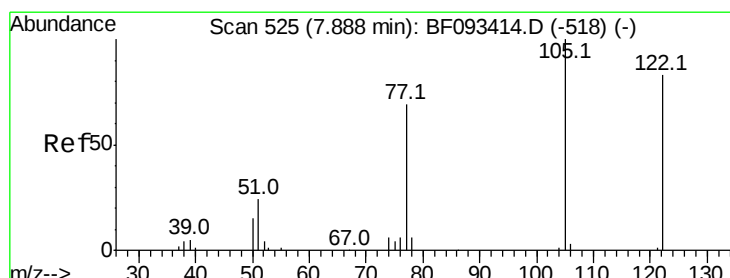
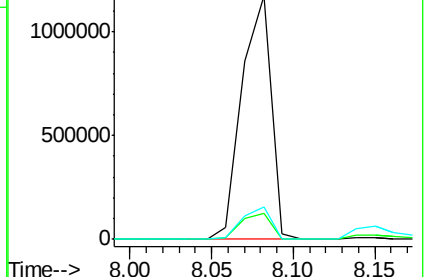
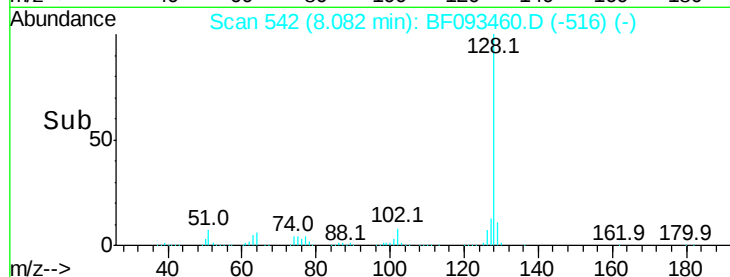
3/10/2017 8:12:50 AM



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: 42.79 ng

RT: 7.89 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

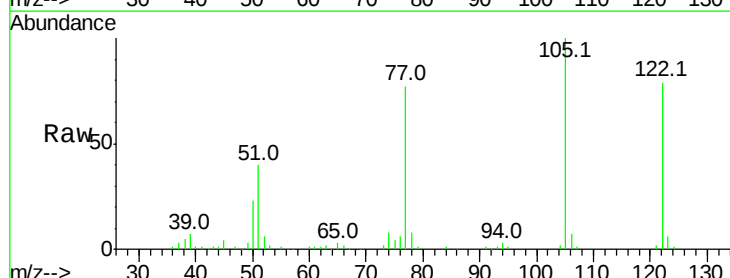
Tgt Ion:122 Resp: 228704

Ion Ratio Lower Upper

122 100

105 126.5 107.2 147.2

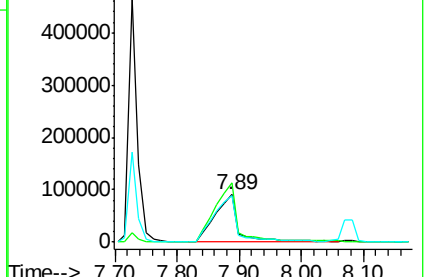
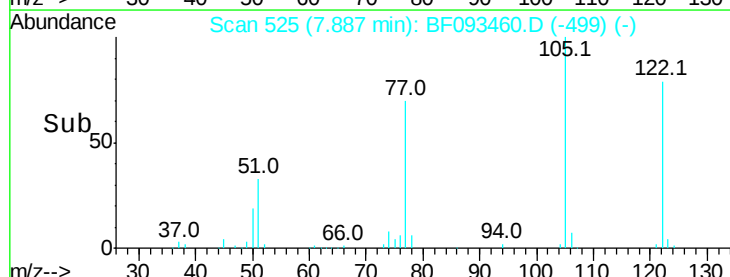
77 97.8 74.5 114.5

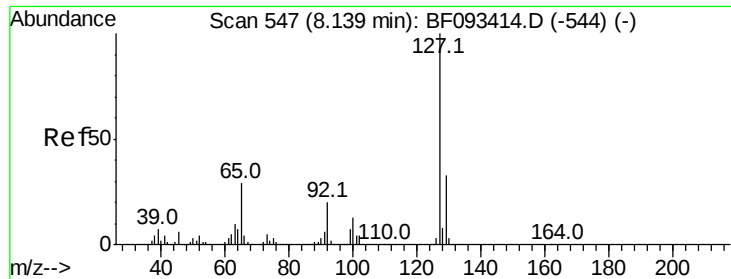


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





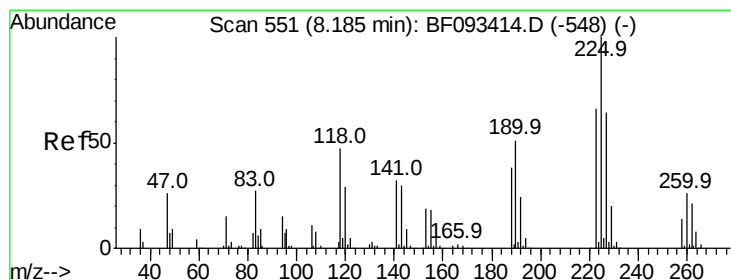
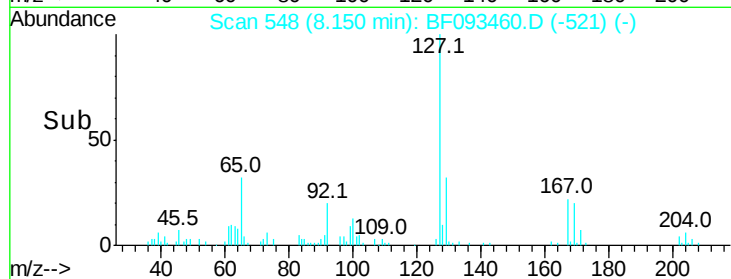
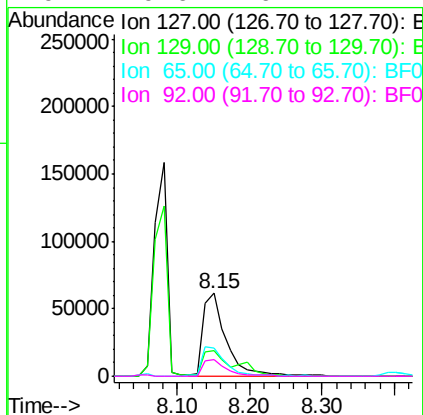
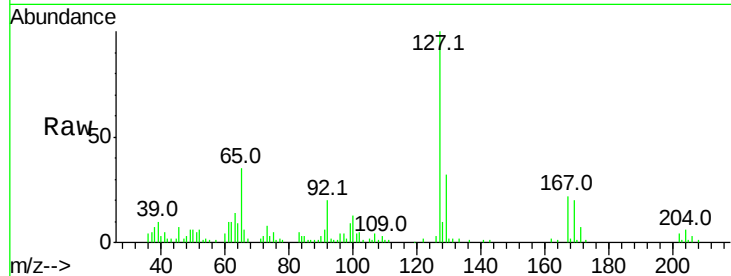
#33
4-Chloroaniline
Concen: 9.72 ng
RT: 8.15 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.3	39.5	
65	34.7	25.8	38.8	
92	19.6	16.1	24.1	

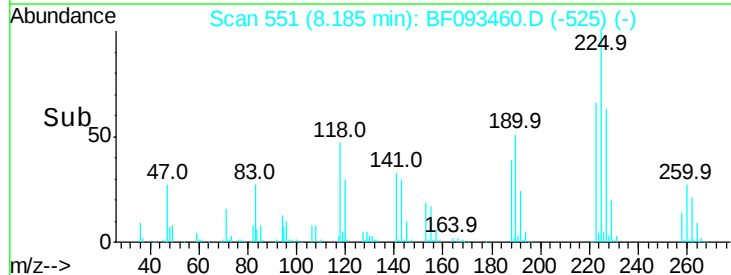
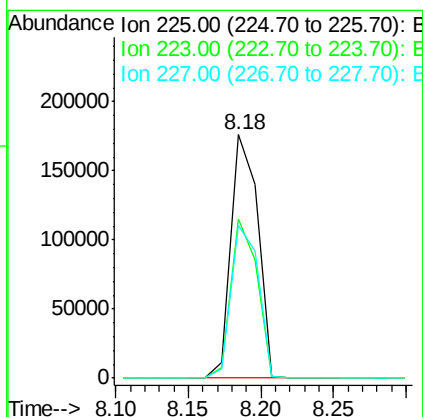
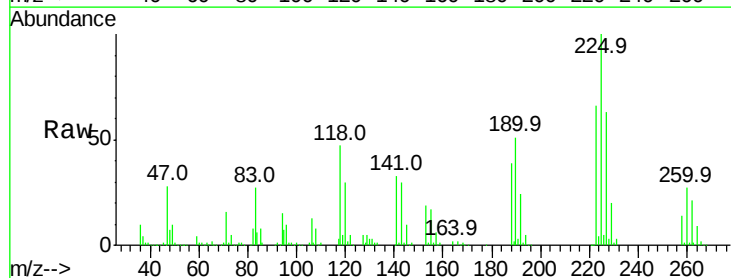
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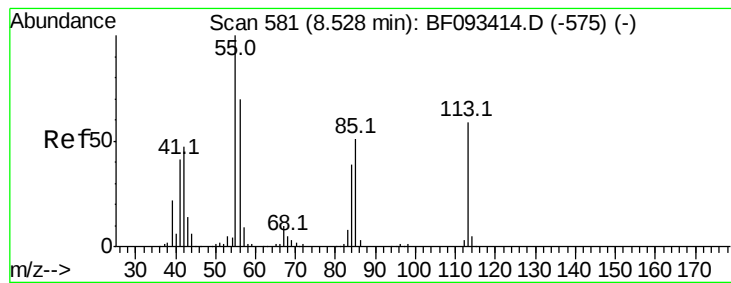
mohammad
3/10/2017 8:12:50 AM



#34
Hexachlorobutadiene
Concen: 42.72 ng
RT: 8.18 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.6	51.0	76.6	
227	62.8	50.6	76.0	





#35

Caprolactam

Concen: 32.29 ng

RT: 8.52 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

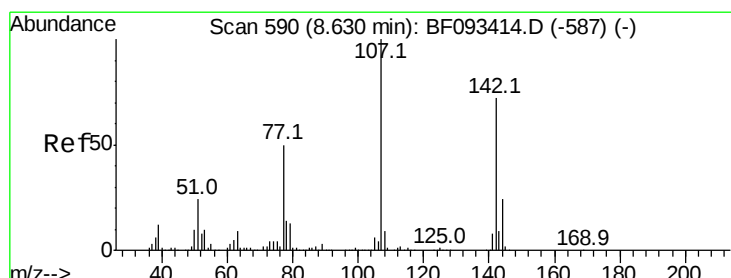
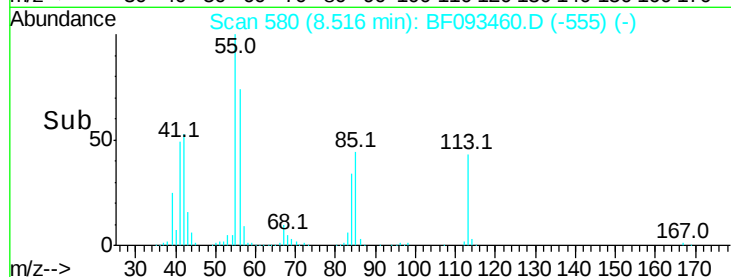
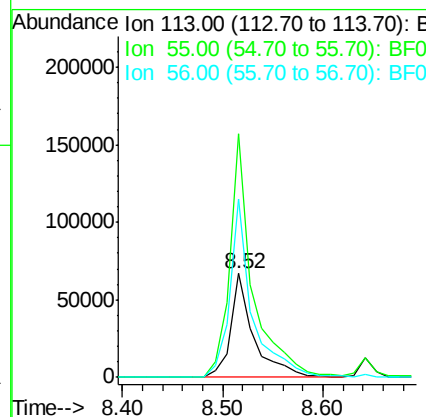
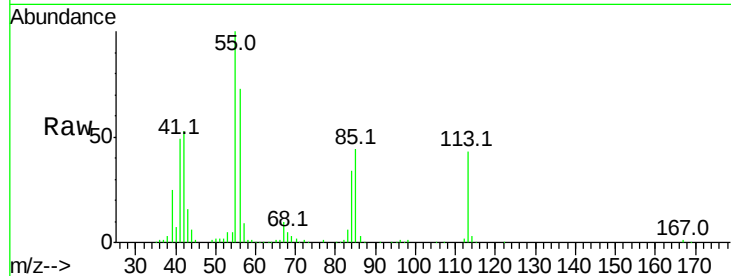
ClientSampleId :

WC-B46-B47-001MSD

Tot Ion:	113	Resp:	106721
Ion Ratio	Lower	Upper	
113	100		
55	234.8	119.2	159.2#
56	172.1	83.8	123.8#

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3/10/2017 8:12:50 AM



#36

4-Chloro-3-methylphenol

Concen: 43.62 ng

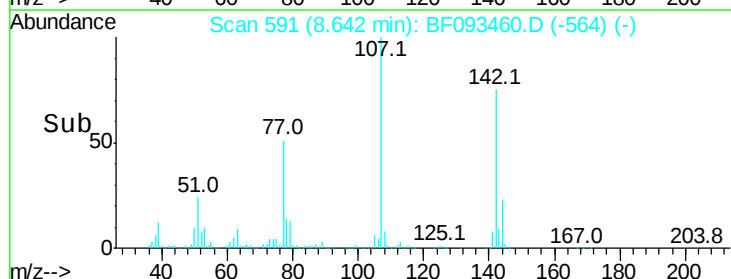
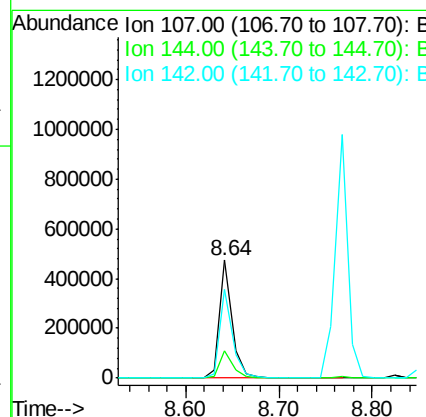
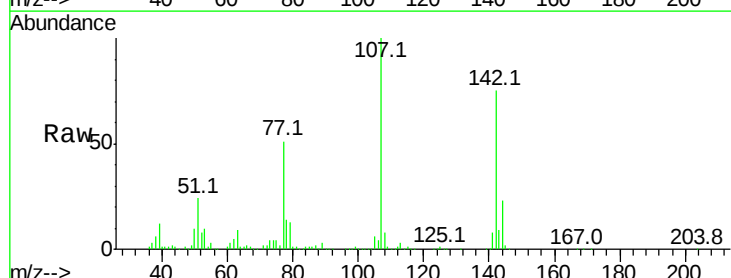
RT: 8.64 min Scan# 591

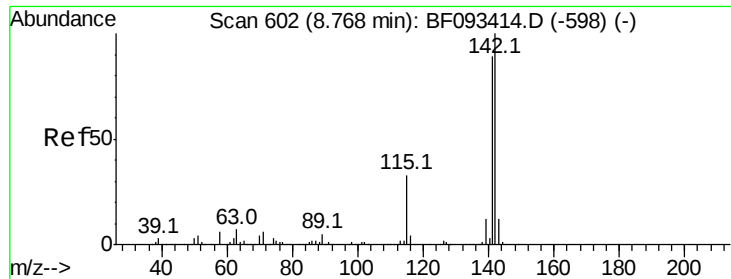
Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Tgt Ion:	107	Resp:	450565
Ion Ratio	Lower	Upper	
107	100		
144	23.5	19.3	28.9
142	75.2	59.0	88.6





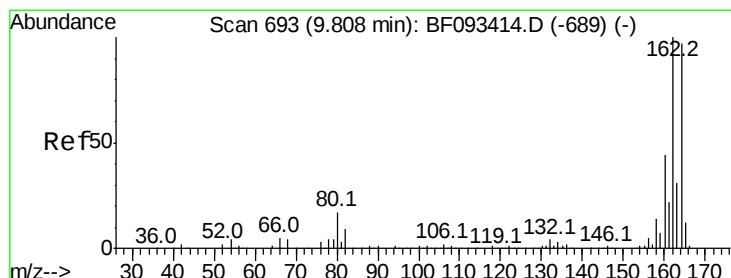
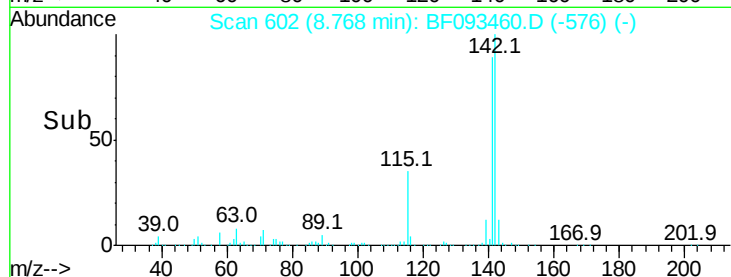
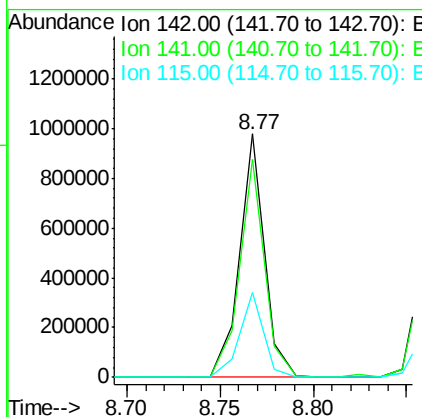
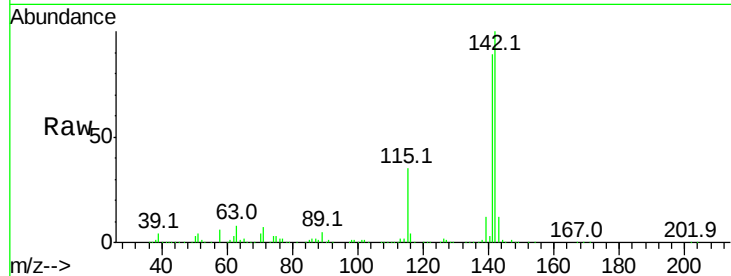
#37
2-Methylnaphthalene
Concen: 41.98 ng
RT: 8.77 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	915815		
141	89.4	71.0	106.6	
115	34.7	28.3	42.5	

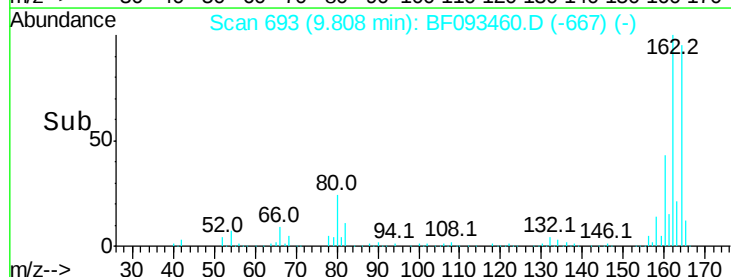
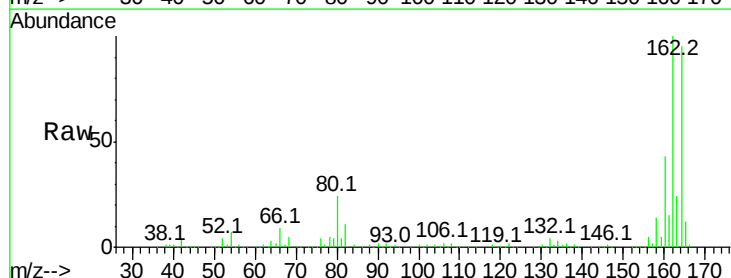
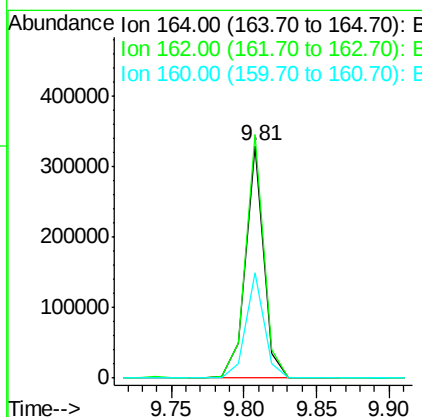
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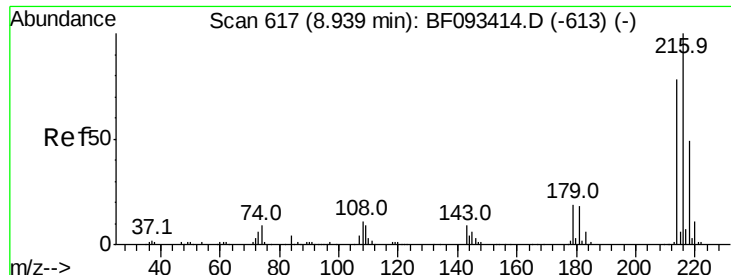
mohammad
3/10/2017 8:12:50 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	285794		
162	104.9	80.2	120.2	
160	45.1	36.9	55.3	





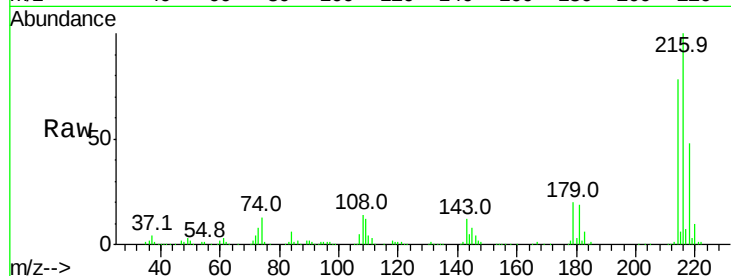
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.47 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

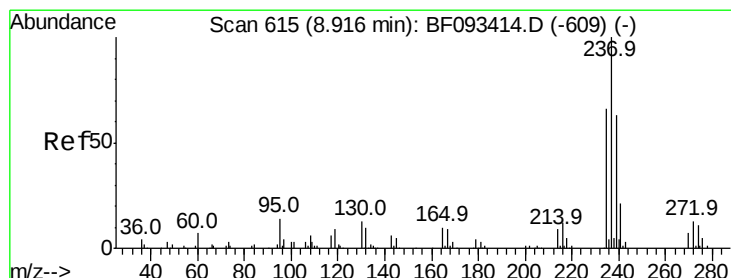
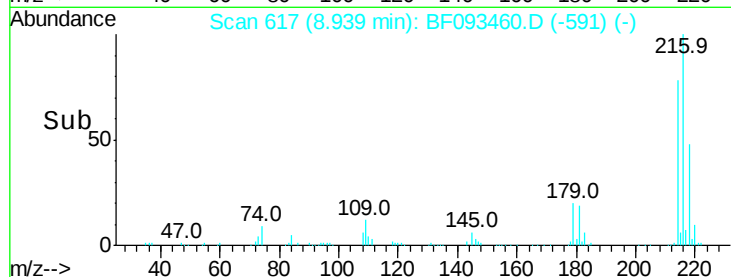
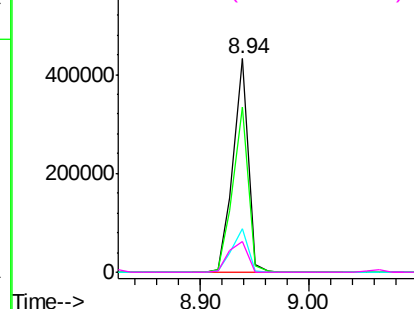
Tot Ion	Ratio	Resp	Lower	Upper
216	100	417298		
214	78.7	63.4	95.0	
179	21.5	17.4	26.2	
108	18.5	15.6	23.4	

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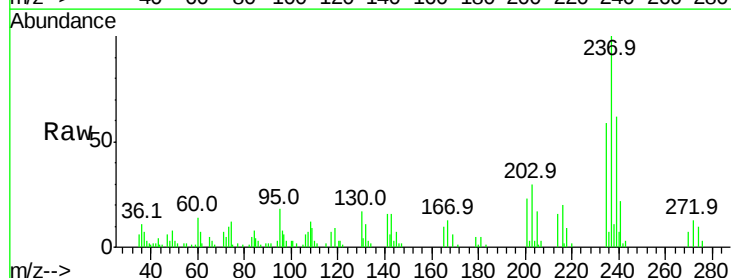


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

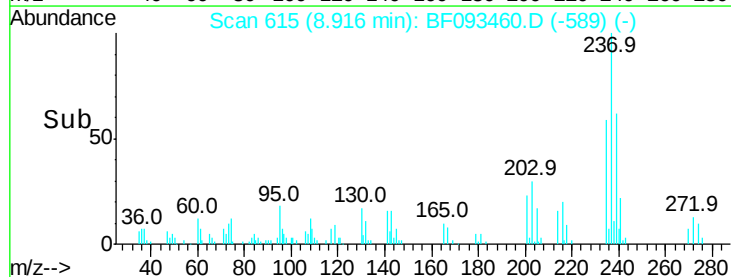
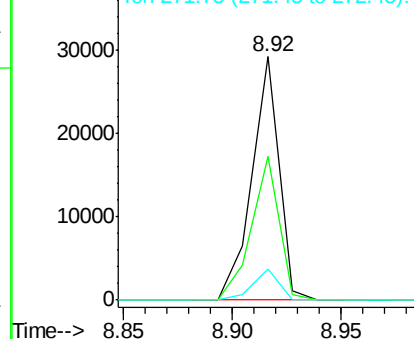


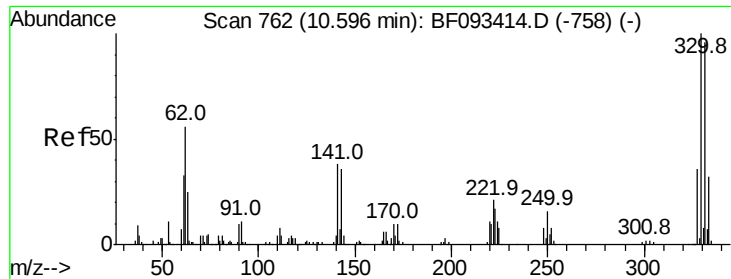
#40
 Hexachlorocyclopentadiene
 Concen: 22.99 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	25296		
235	58.9	41.2	81.2	
272	12.6	0.0	35.4	



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





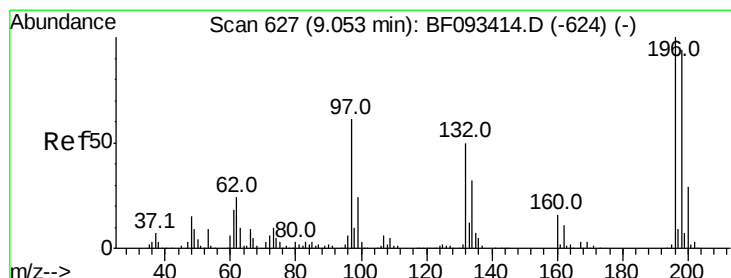
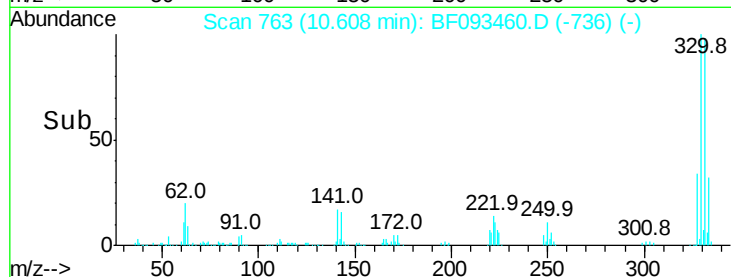
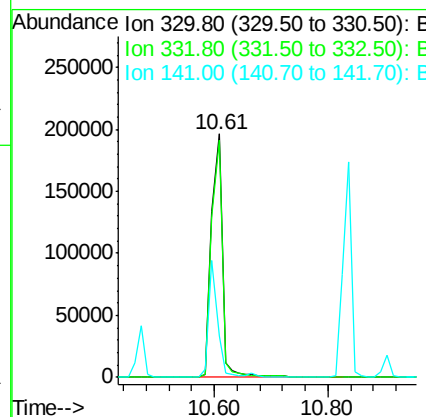
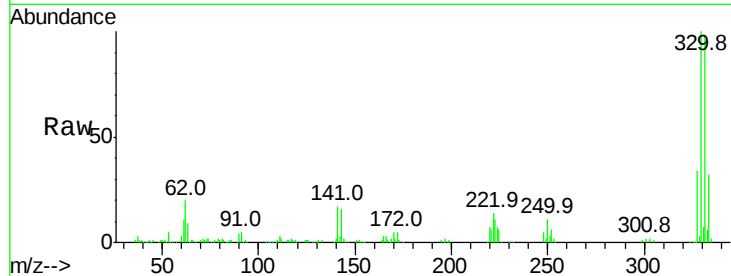
#41
 2,4,6-Tribromophenol
 Concen: 134.81 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	251021		
332	97.6	77.4	116.2	
141	38.6	34.1	51.1	

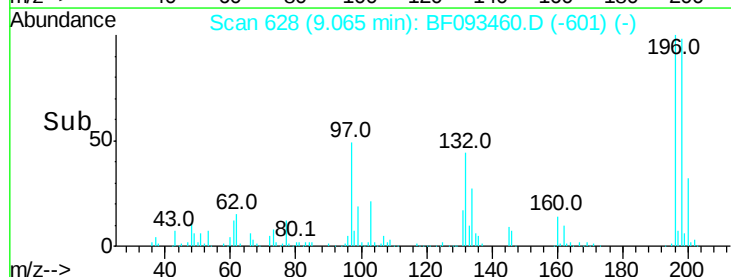
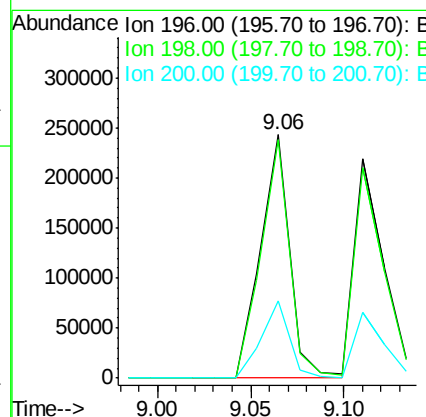
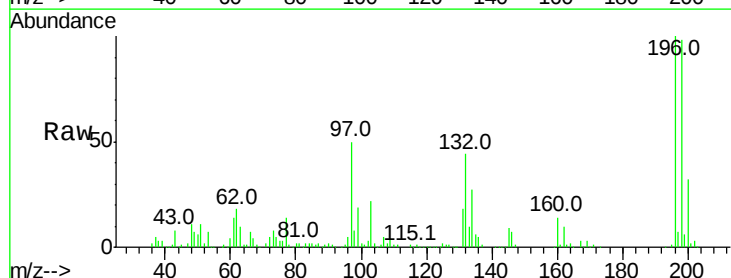
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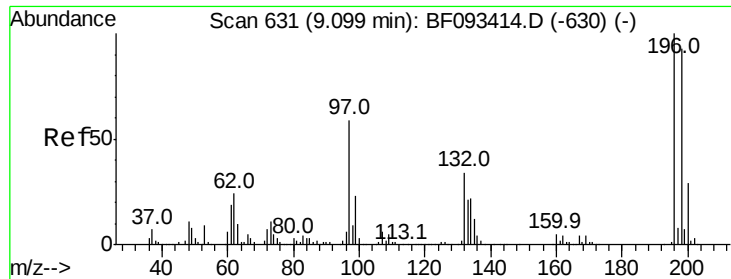
mohammad
 3/10/2017 8:12:50 AM



#42
 2,4,6-Trichlorophenol
 Concen: 53.93 ng
 RT: 9.06 min Scan# 628
 Delta R.T. 0.01 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262930		
198	98.1	82.1	123.1	
200	31.6	27.0	40.4	





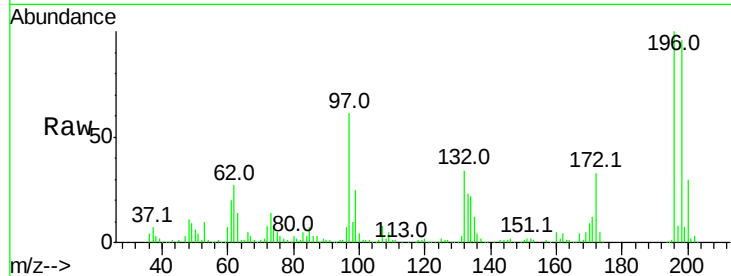
#43
 2,4,5-Trichlorophenol
 Concen: 48.51 ng
 RT: 9.11 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

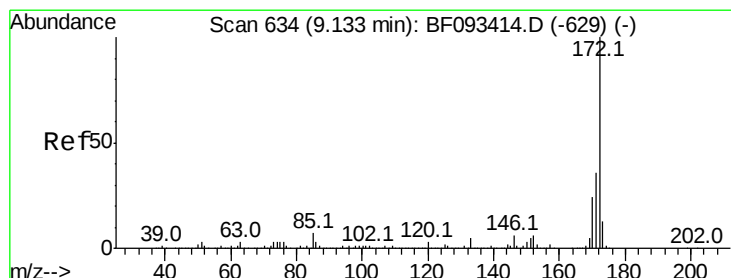
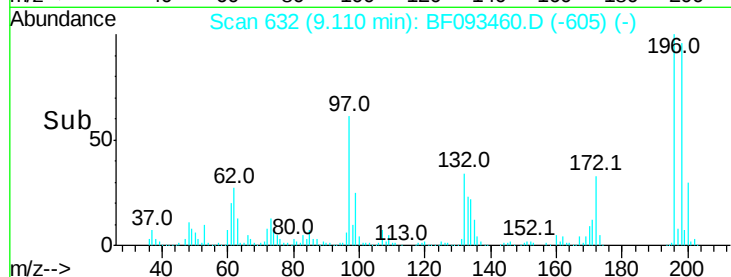
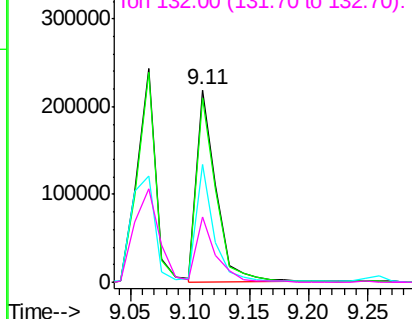
Tot Ion	196	Resp	253791
Ion Ratio	Lower	Upper	
196	100		
198	95.9	79.4	119.2
97	60.9	51.5	77.3
132	34.0	27.4	41.2

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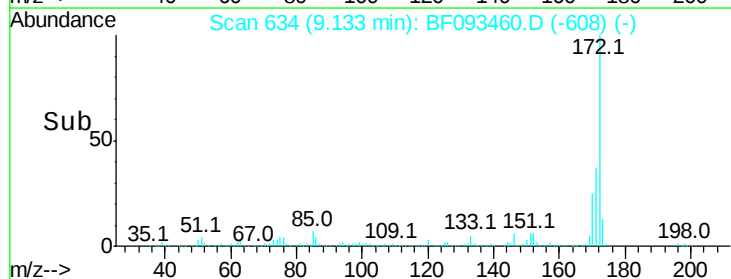
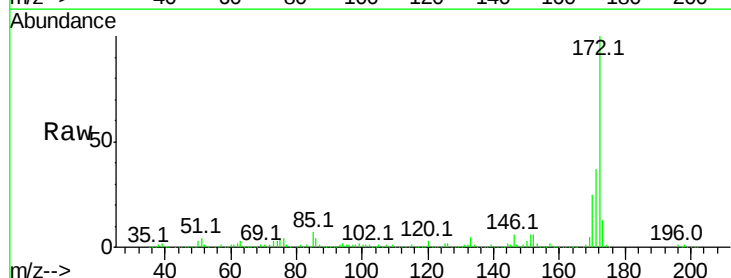
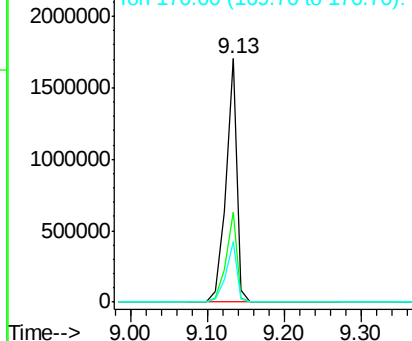
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

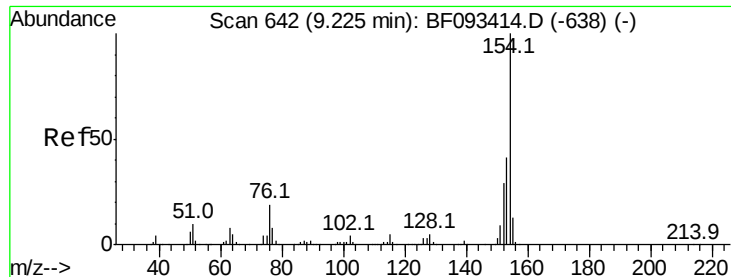


#44
 2-Fluorobiphenyl
 Concen: 111.66 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion	172	Resp	1715593
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.4	44.0
170	24.6	20.2	30.4

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: 53.91 ng

RT: 9.24 min Scan# 643

Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MSD

Tot Ion:154 Resp: 1122329

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

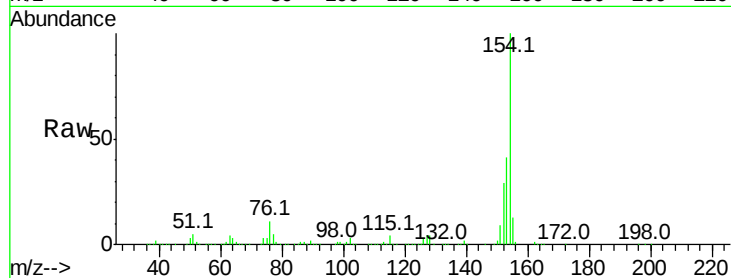
76 11.3 0.0 30.5

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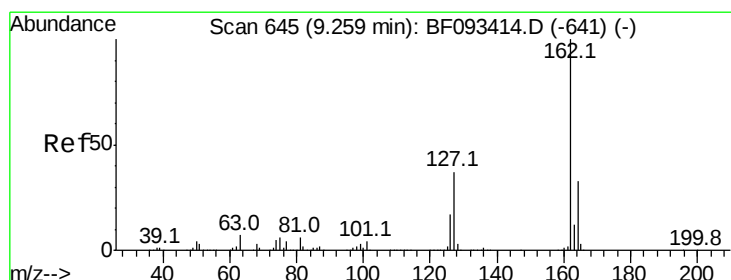
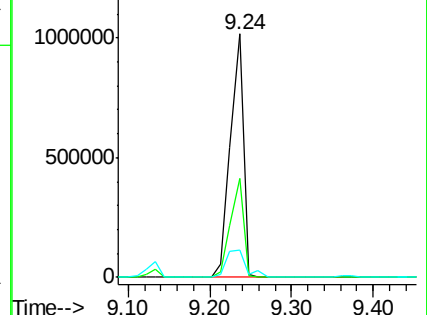
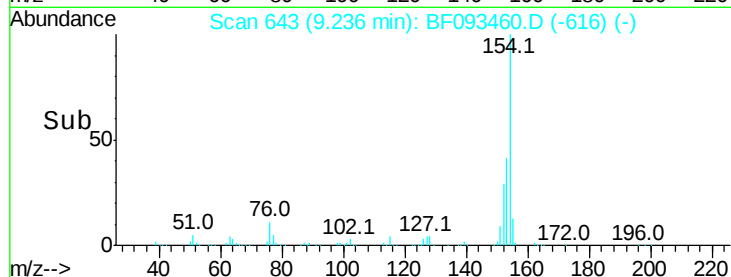
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 54.92 ng

RT: 9.26 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

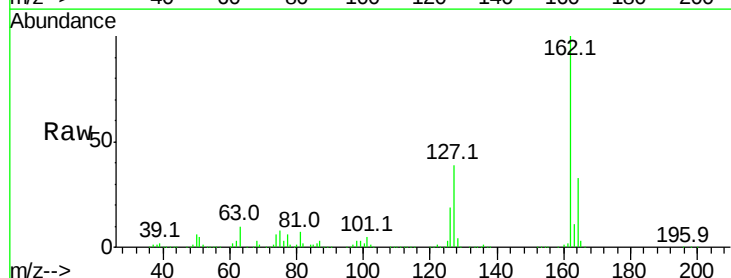
Tgt Ion:162 Resp: 875198

Ion Ratio Lower Upper

162 100

127 39.3 30.7 46.1

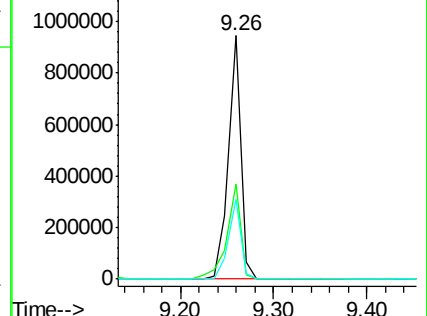
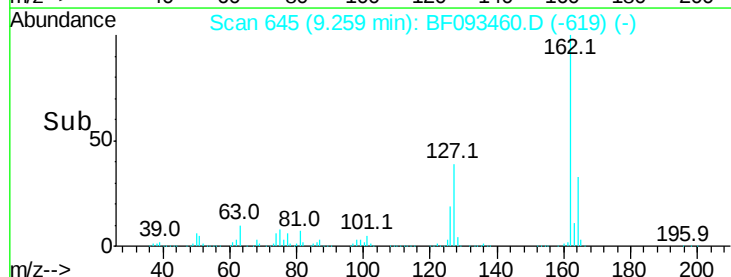
164 32.9 27.6 41.4

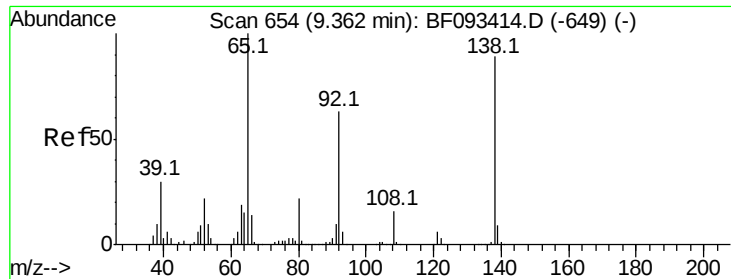


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 56.29 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

ClientSampleId :

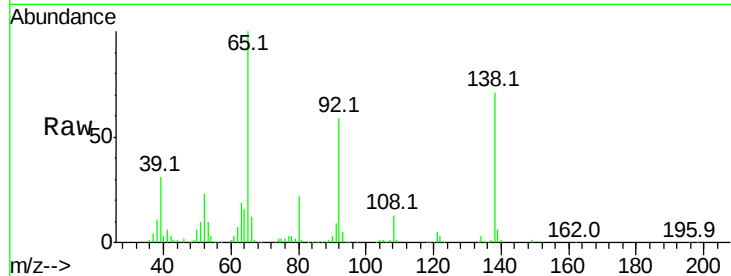
WC-B46-B47-001MSD

Tot Ion: 65 Resp: 317138

Ion	Ratio	Lower	Upper
65	100		
92	58.6	53.9	80.9
138	71.5	76.8	115.2#

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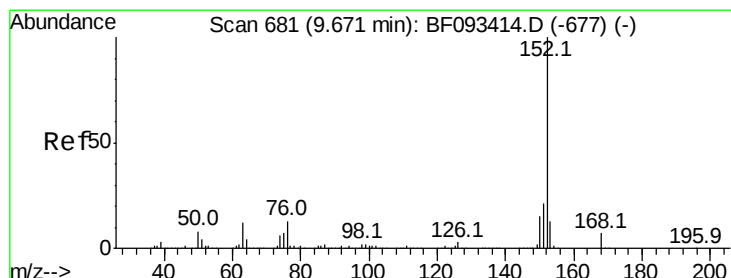
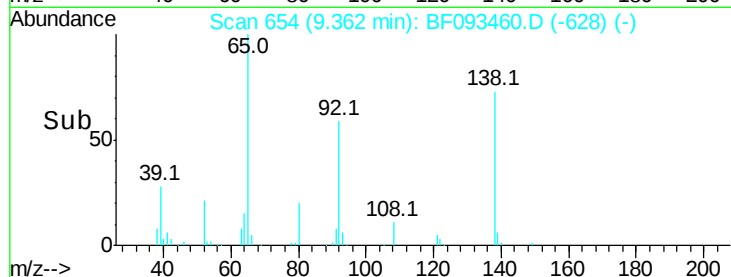
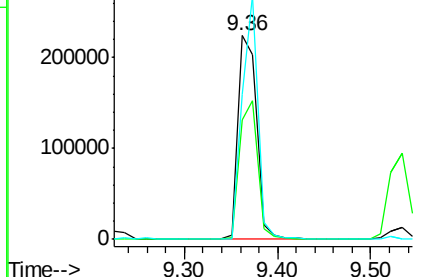
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Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 46.09 ng

RT: 9.67 min Scan# 681

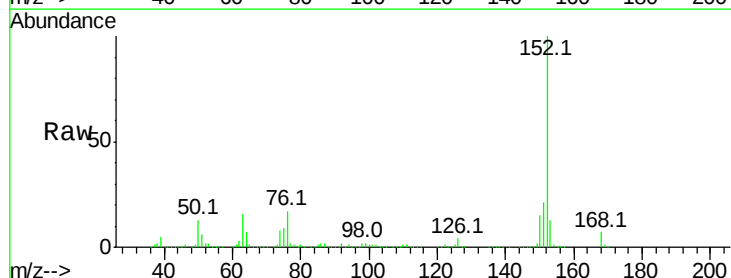
Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Tgt Ion: 152 Resp: 1211499

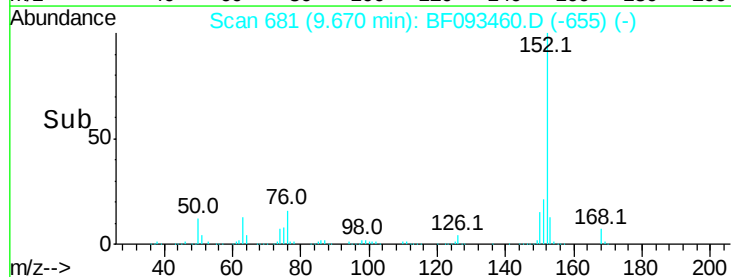
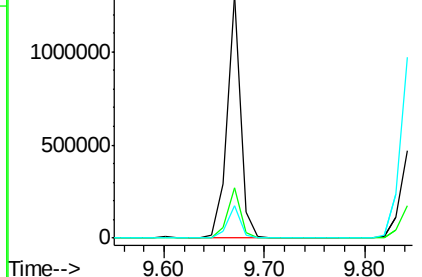
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.4	11.4	17.2

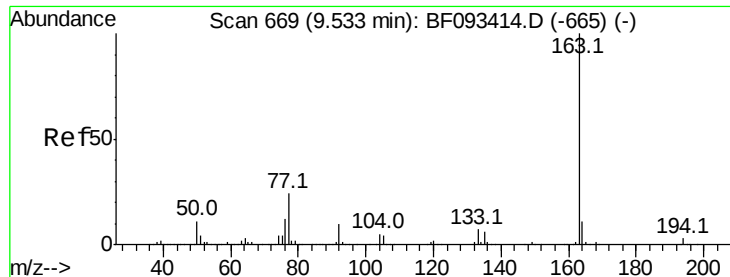


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





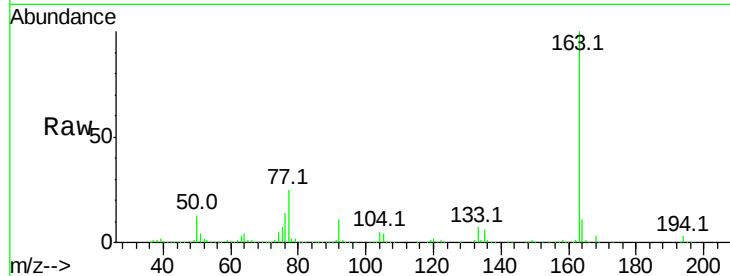
#49
Dimethylphthalate
Concen: 52.87 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

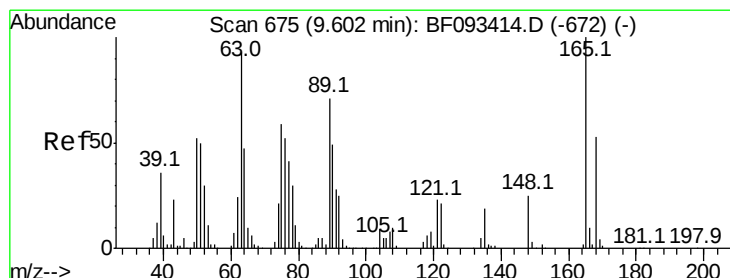
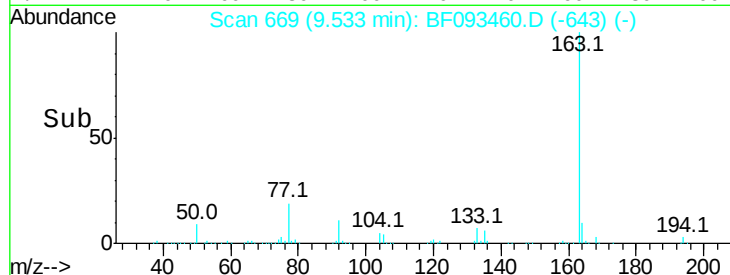
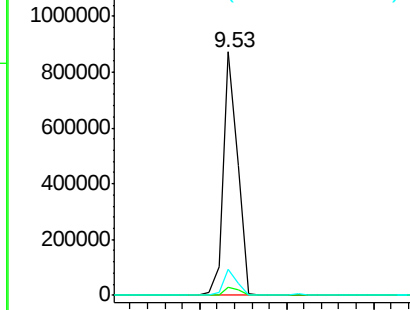
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.8	8.0	12.0

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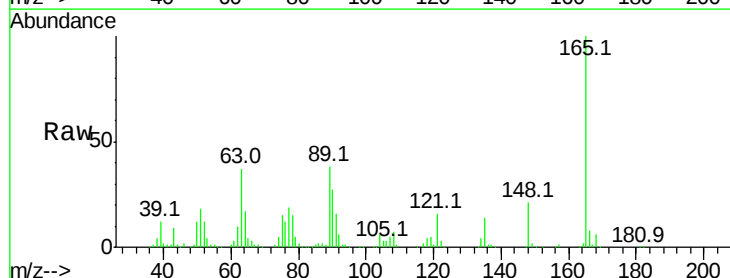


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

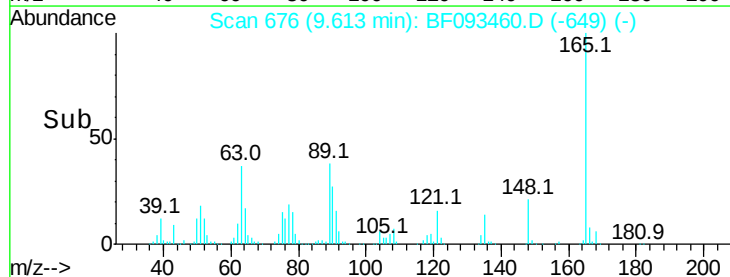
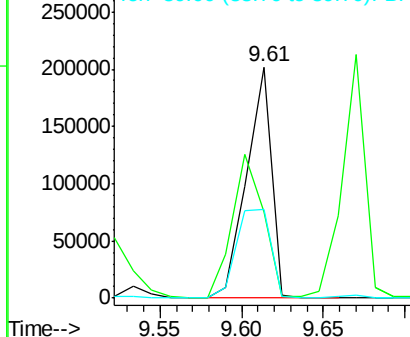


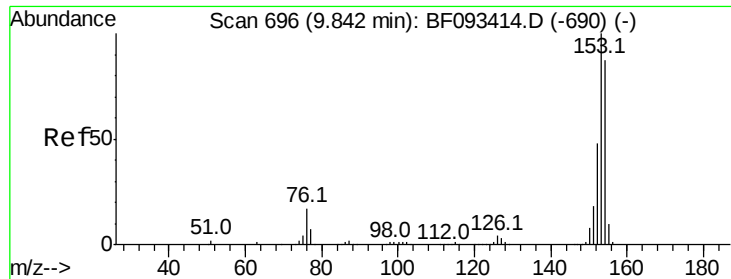
#50
2,6-Dinitrotoluene
Concen: 51.47 ng
RT: 9.61 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.1	36.2	54.4
89	38.2	40.2	60.4#



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: 48.97 ng

RT: 9.84 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

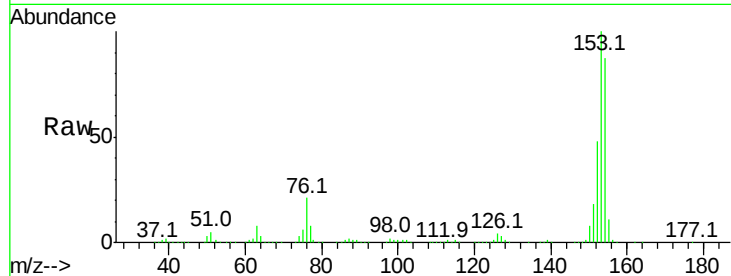
ClientSampleId :

WC-B46-B47-001MSD

Tot Ion:	154	Resp:	761036
Ion Ratio	Lower	Upper	
154	100		
153	114.6	88.6	133.0
152	55.2	41.6	62.4

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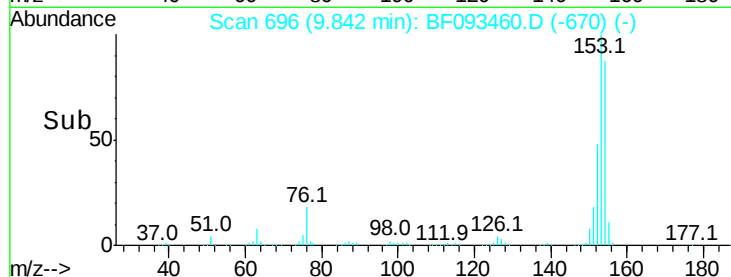
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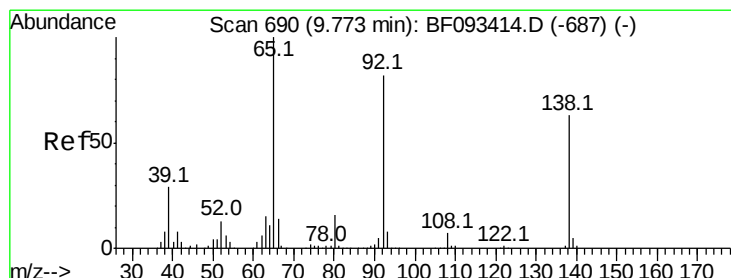
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 28.71 ng

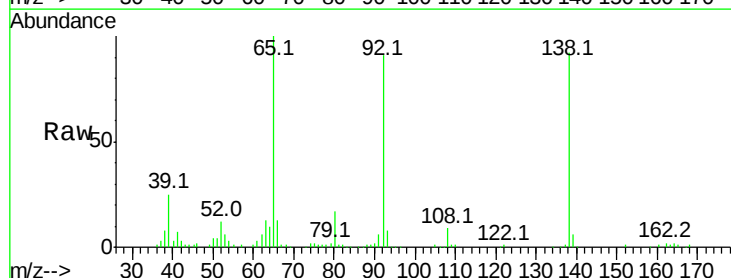
RT: 9.78 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

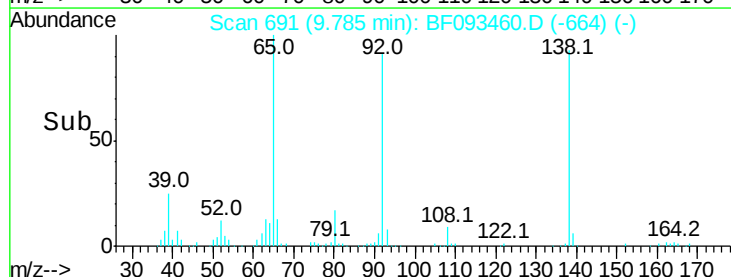
Tgt Ion:	138	Resp:	143396
Ion Ratio	Lower	Upper	
138	100		
108	9.4	8.5	12.7
92	98.6	97.8	146.8



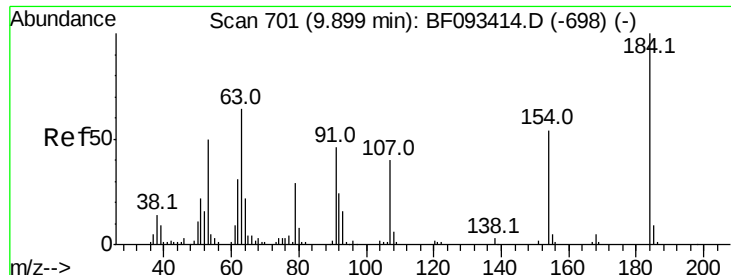
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



Time-->



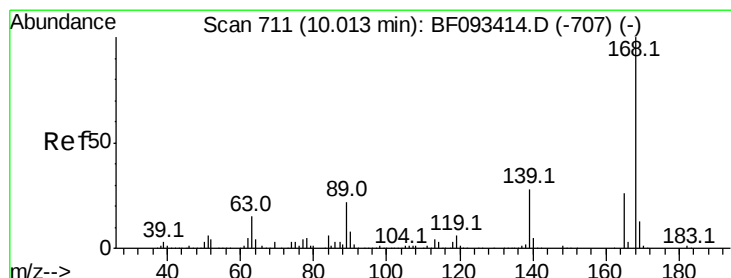
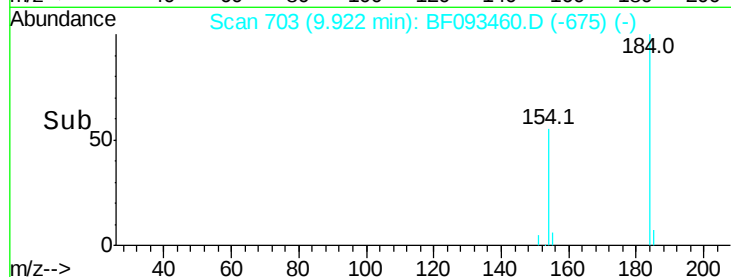
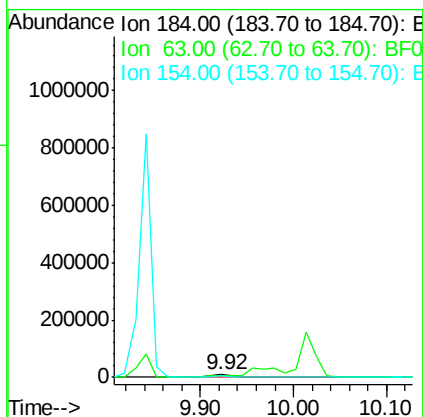
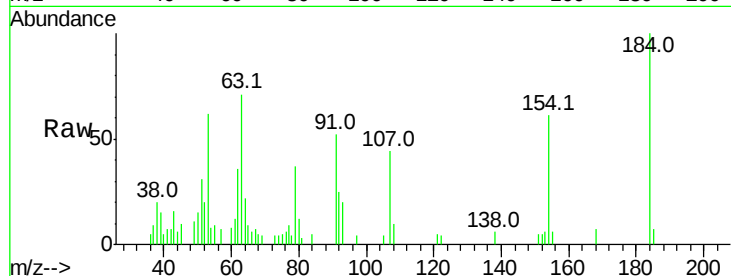
#53
 2,4-Dinitrophenol
 Concen: 11.40 ng
 RT: 9.92 min Scan# 703
 Delta R.T. 0.02 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

Tot Ion:184 Resp: 21577
 Ion Ratio Lower Upper
 184 100
 63 70.7 28.4 42.6#
 154 61.4 44.3 66.5

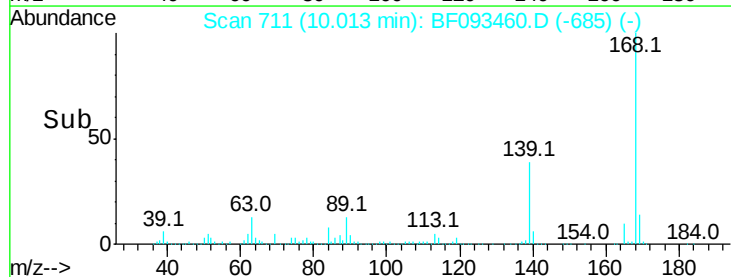
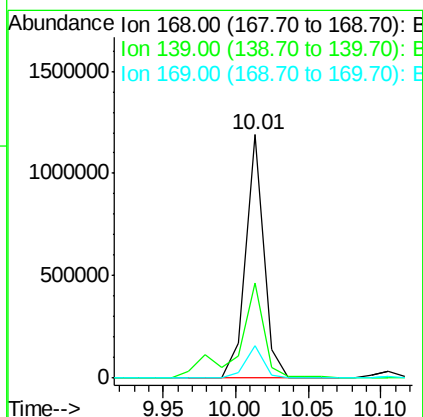
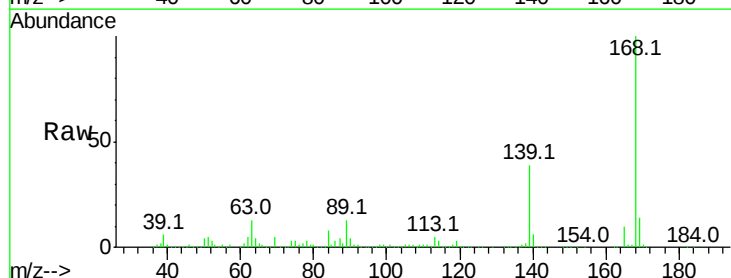
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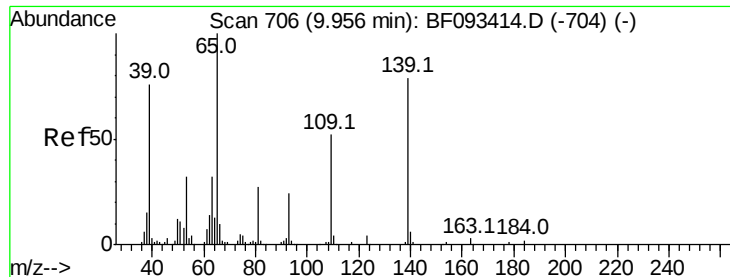
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#54
 Dibenzofuran
 Concen: 53.37 ng
 RT: 10.01 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion:168 Resp: 1038274
 Ion Ratio Lower Upper
 168 100
 139 39.2 32.6 49.0
 169 13.6 11.3 16.9





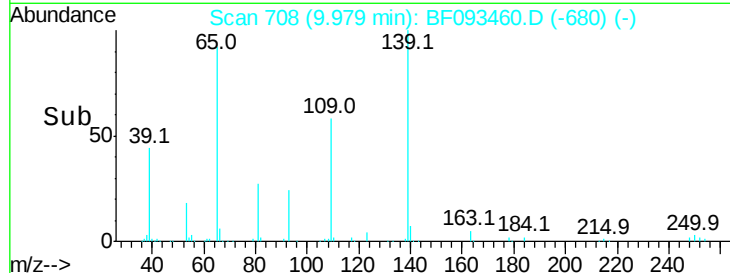
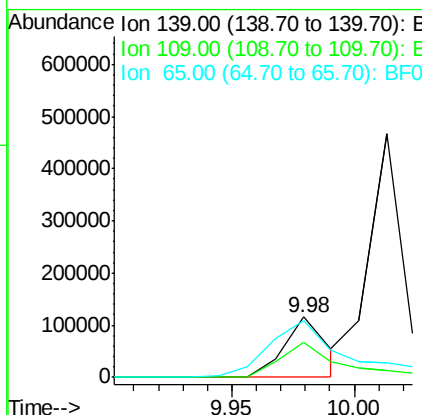
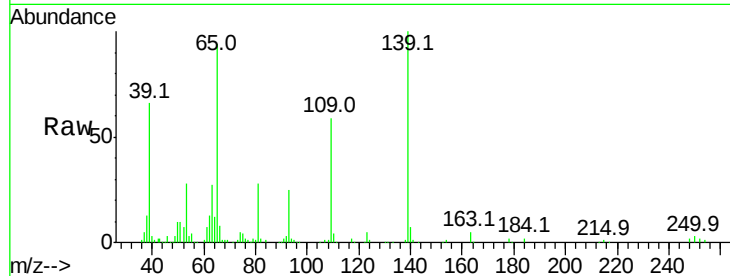
#55
4-Nitrophenol
Concen: 57.63 ng/ml
RT: 9.98 min Scan# 708
Delta R.T. 0.02 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	139815		
109	58.7	52.2	92.2	
65	94.2	85.8	125.8	

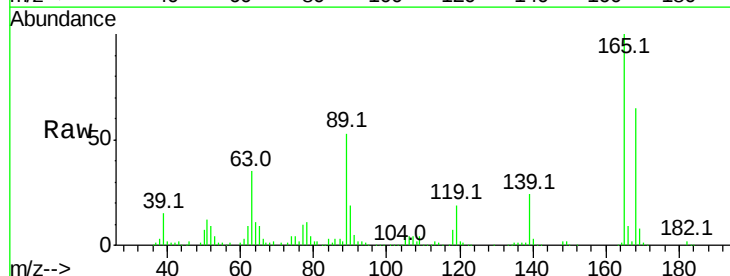
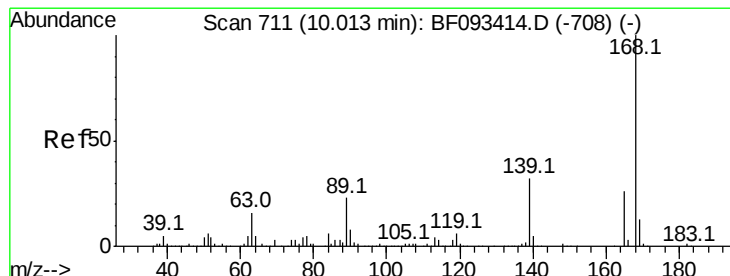
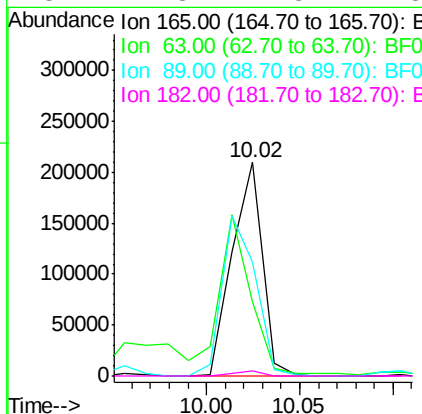
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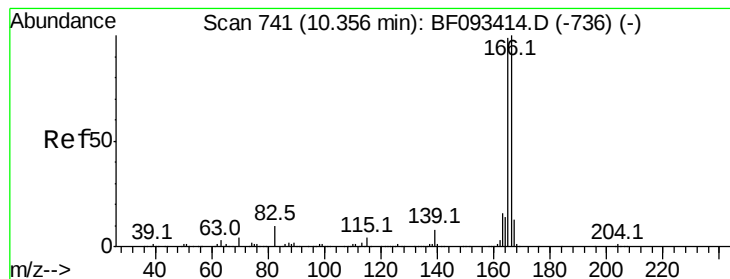
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#56
2,4-Dinitrotoluene
Concen: 46.69 ng
RT: 10.02 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	238466		
63	34.7	40.2	60.4#	
89	53.2	62.5	93.7#	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 48.67 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

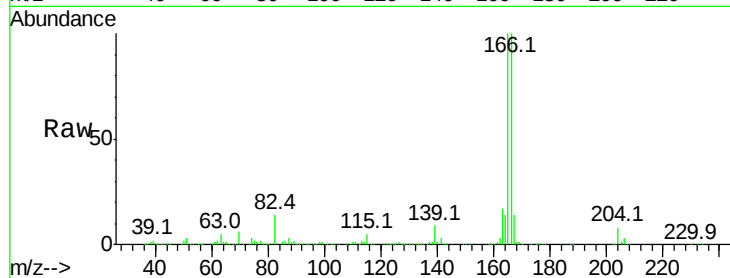
ClientSampleId :

WC-B46-B47-001MSD

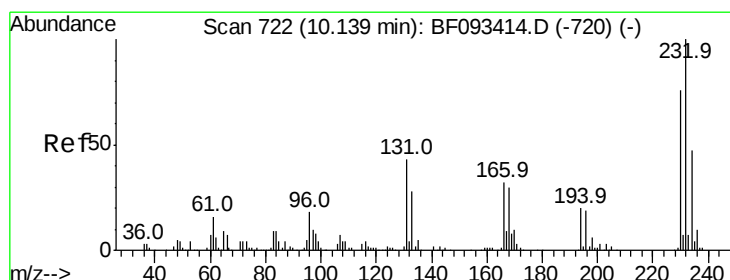
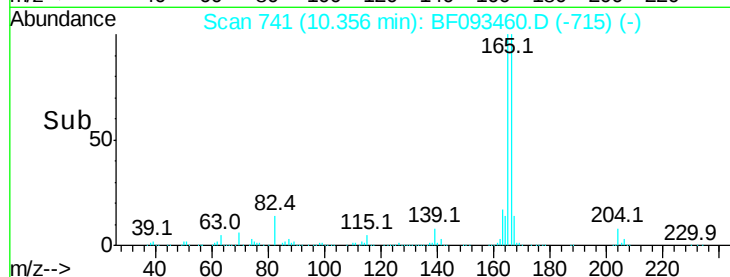
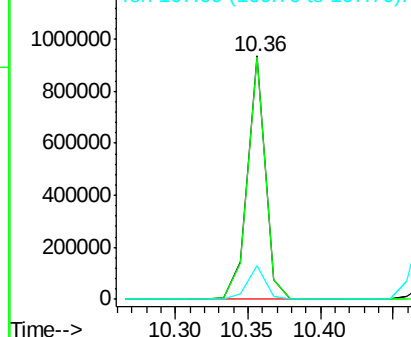
Tot Ion:	166	Resp:	802246
Ion Ratio	Lower	Upper	
166	100		
165	99.8	77.8	116.8
167	13.6	10.8	16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.82 ng

RT: 10.15 min Scan# 723

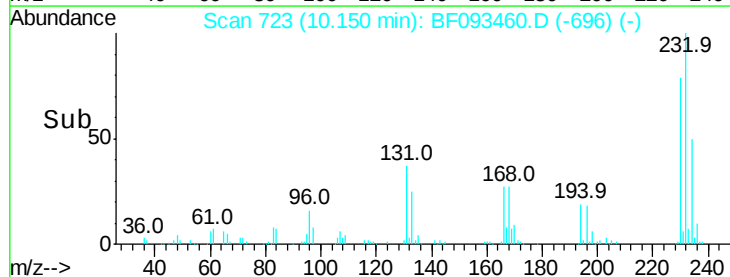
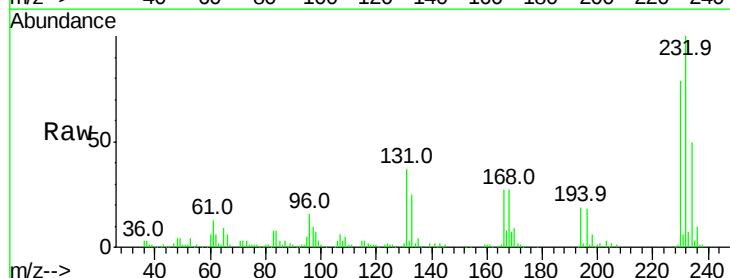
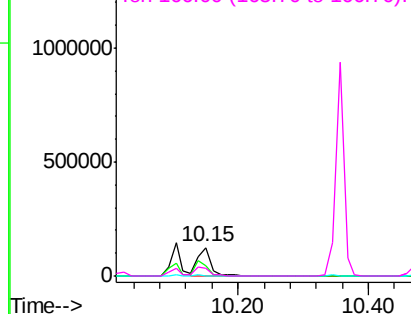
Delta R.T. 0.01 min

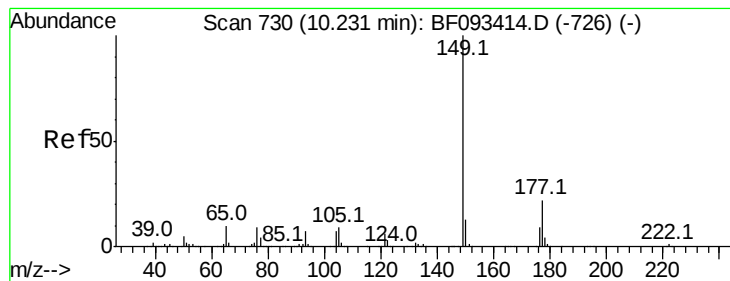
Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Tgt Ion:	232	Resp:	176578
Ion Ratio	Lower	Upper	
232	100		
131	49.9	40.1	60.1
130	2.2	1.8	2.8
166	31.3	26.6	39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.61 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MSD

Tot Ion:149 Resp: 898355

Ion Ratio Lower Upper

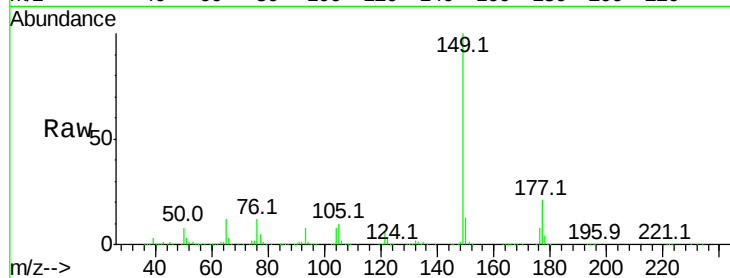
149 100

177 20.6 16.6 25.0

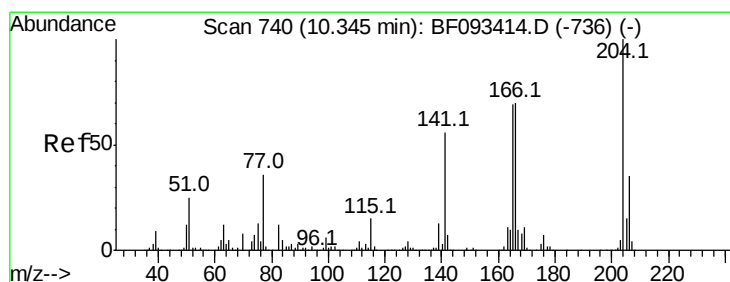
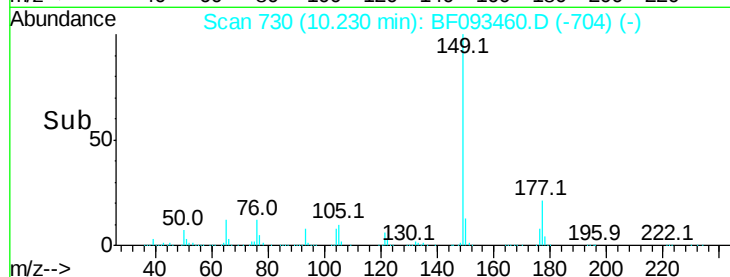
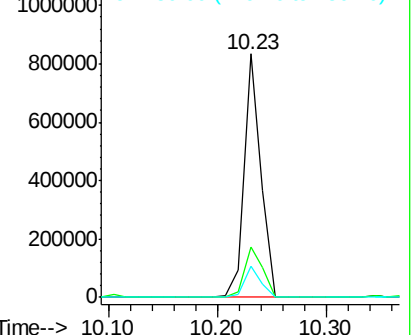
150 12.9 10.4 15.6

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



#60

4-Chlorophenyl-phenylether

Concen: 50.55 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

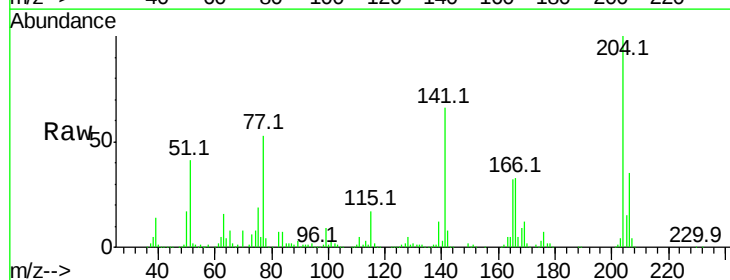
Tgt Ion:204 Resp: 373487

Ion Ratio Lower Upper

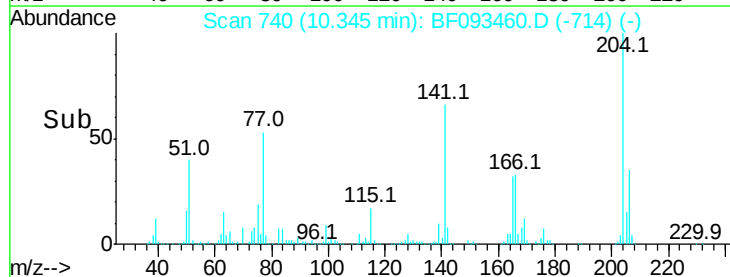
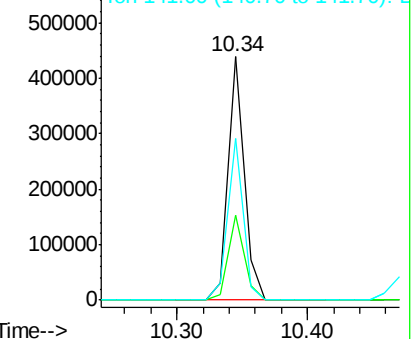
204 100

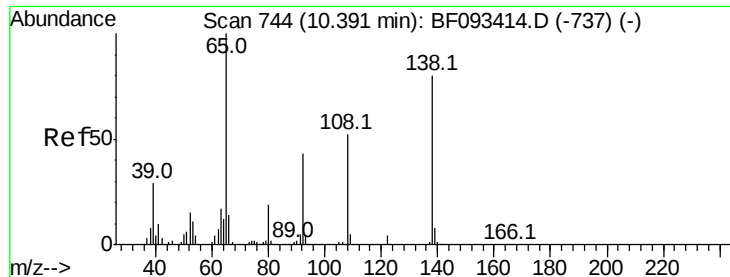
206 34.8 25.8 38.6

141 66.5 59.4 89.0



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





#61

4-Nitroaniline

Concen: 40.11 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

ClientSampleId :

WC-B46-B47-001MSD

Tot Ion:138 Resp: 204869

Ion Ratio Lower Upper

138 100

92 60.8 31.7 71.7

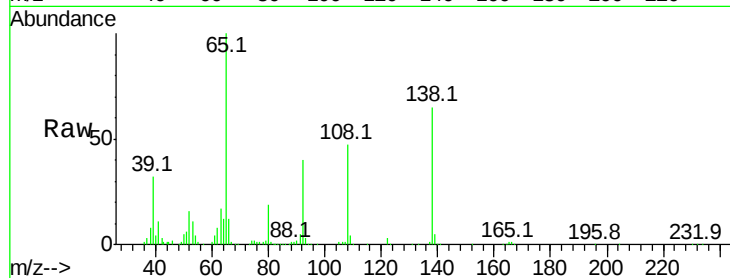
108 71.2 52.6 92.6

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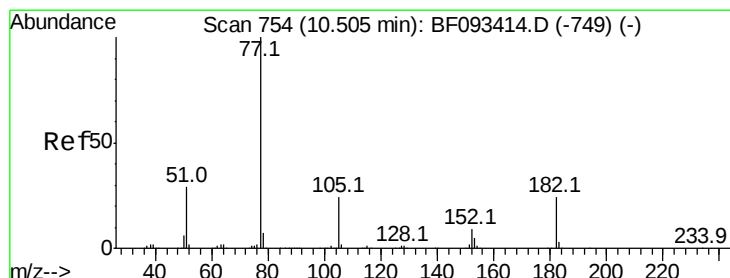
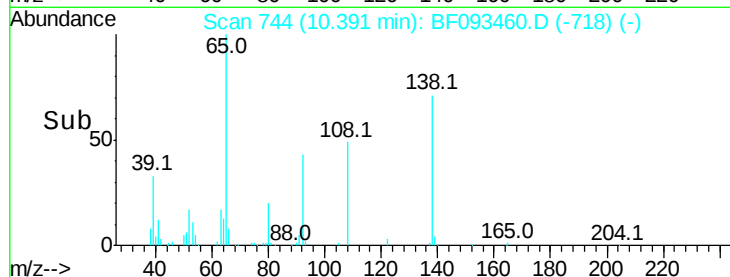
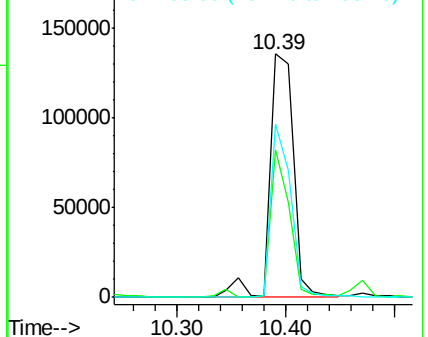
3/10/2017 8:12:50 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.74 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Tgt Ion: 77 Resp: 1064560

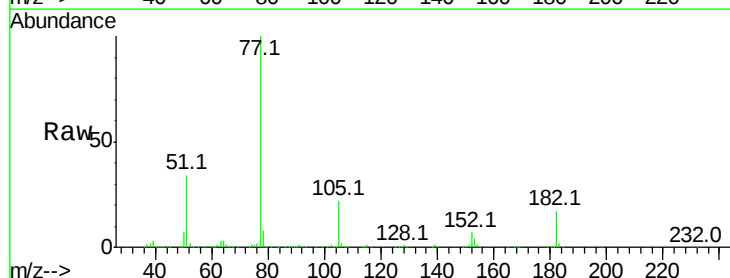
Ion Ratio Lower Upper

77 100

182 17.4 0.0 39.3

105 21.9 2.3 42.3

51 33.7 8.9 48.9

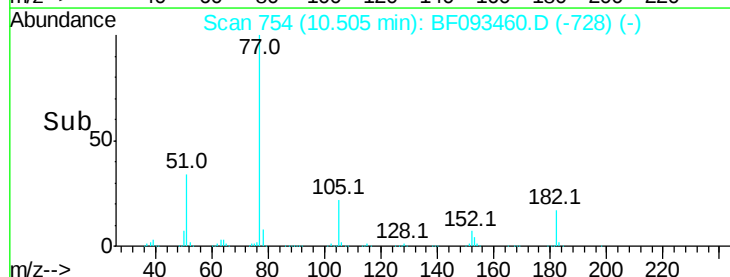
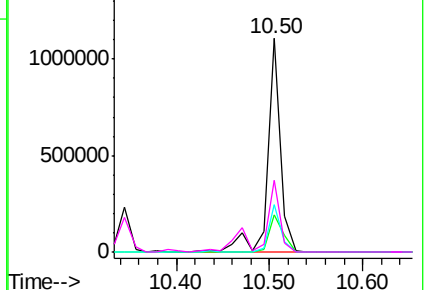


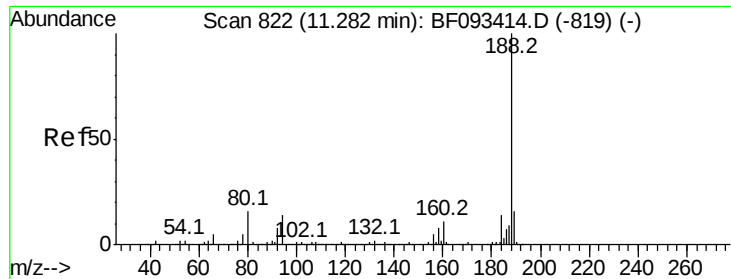
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





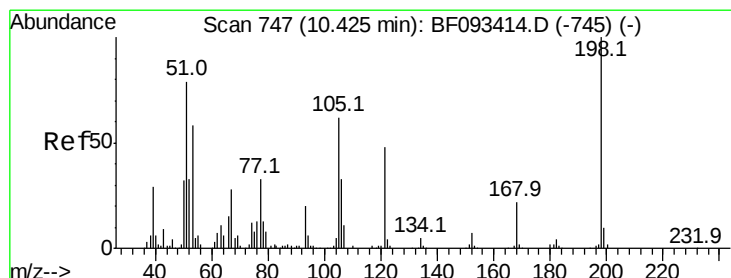
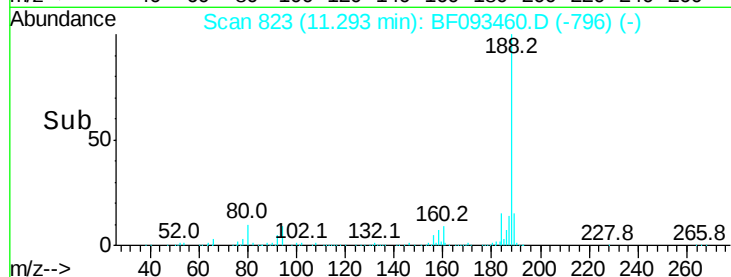
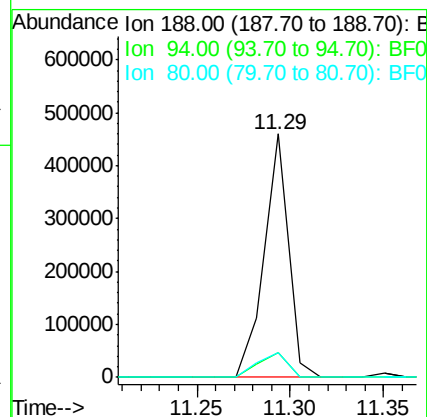
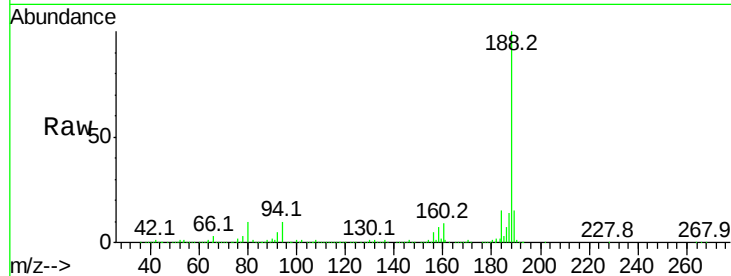
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	412976		
94	9.9	10.0	15.0#	
80	10.1	11.2	16.8#	

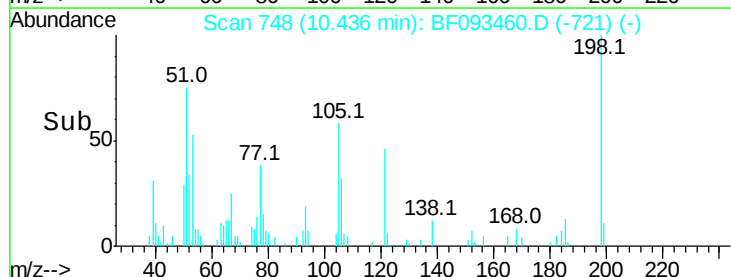
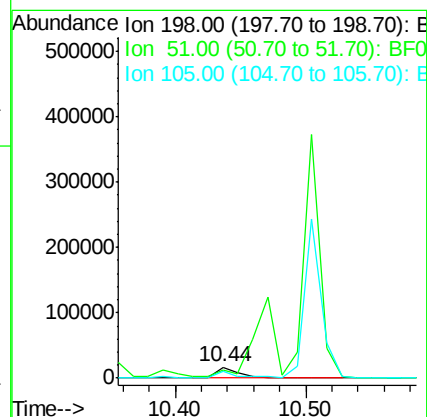
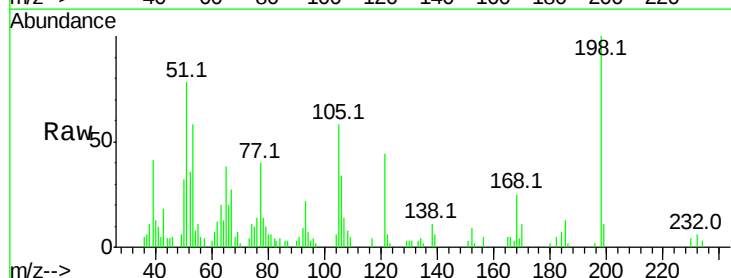
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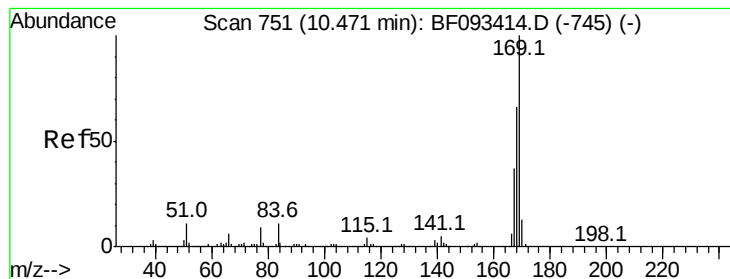
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 8.05 ng
RT: 10.44 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	21545		
51	78.3	6.7	46.7#	
105	58.0	16.6	56.6#	





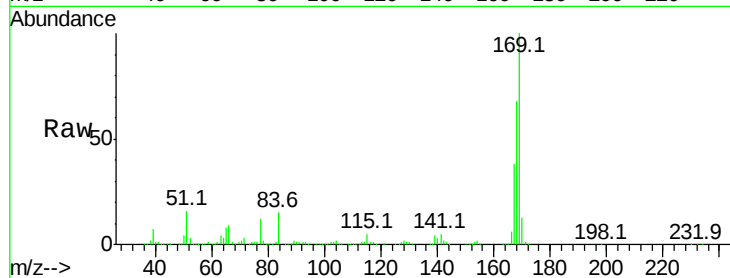
#65
n-Nitrosodiphenylamine
Concen: 51.88 ng
RT: 10.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

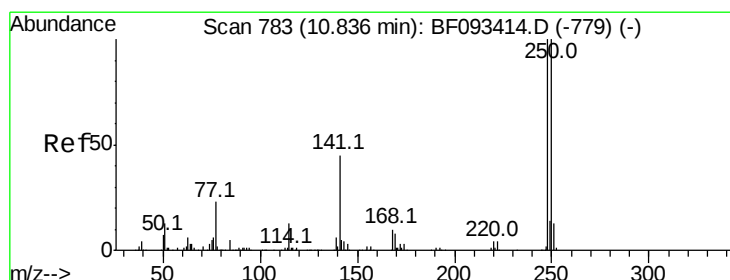
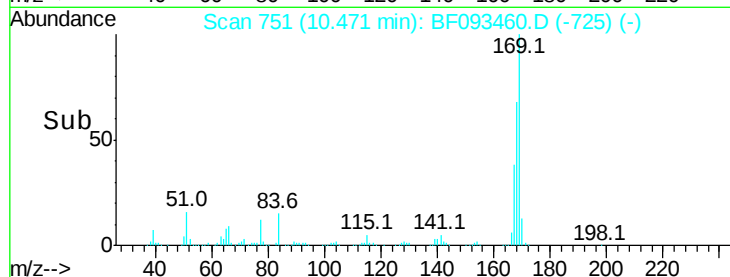
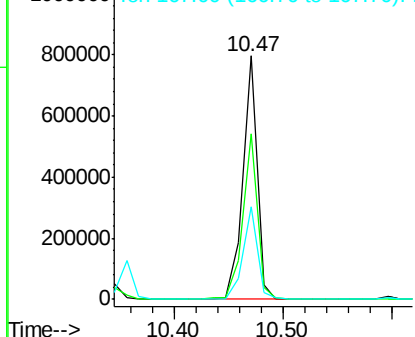
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.2	81.2
167	37.9	30.2	45.4

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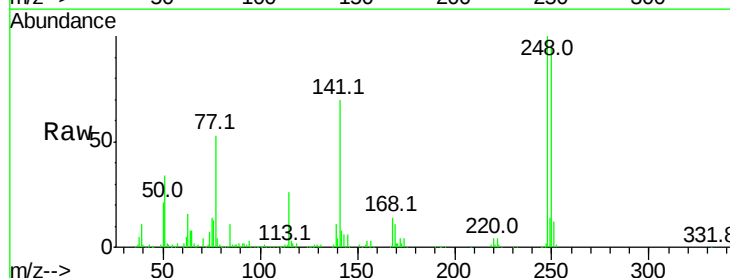


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

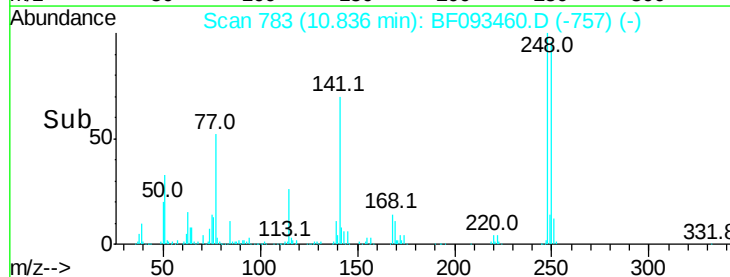
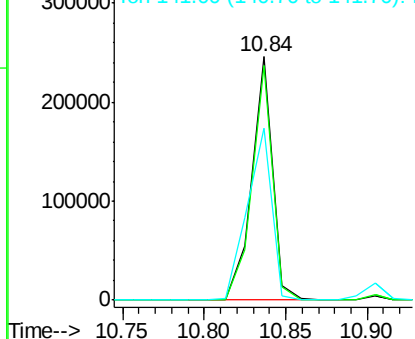


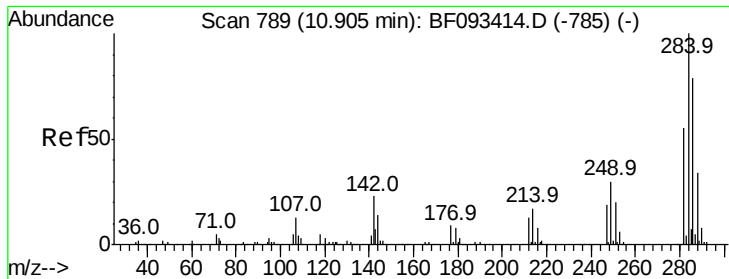
#66
4-Bromophenyl-phenylether
Concen: 49.96 ng
RT: 10.84 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	70.4	68.2	102.4



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





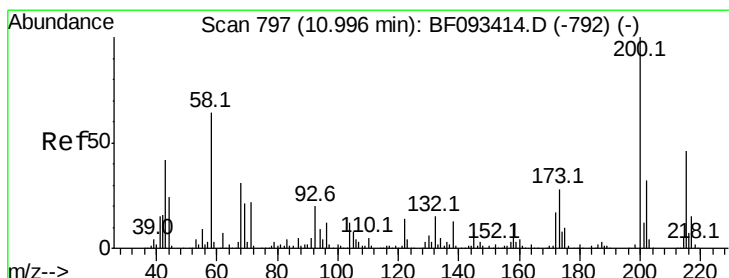
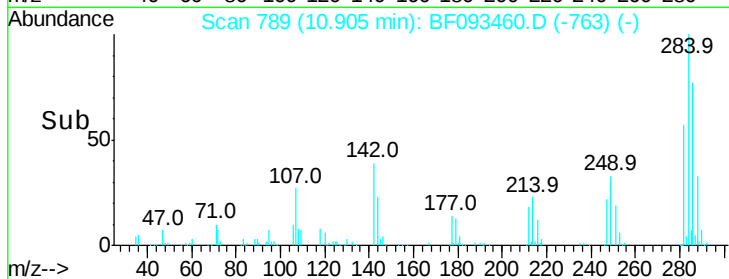
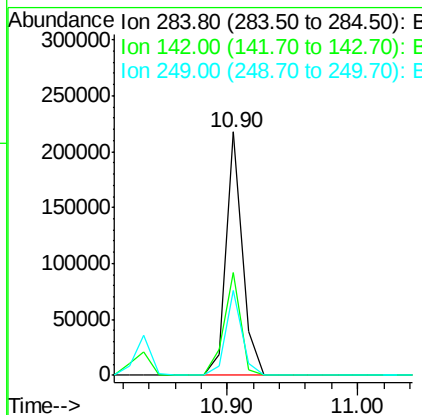
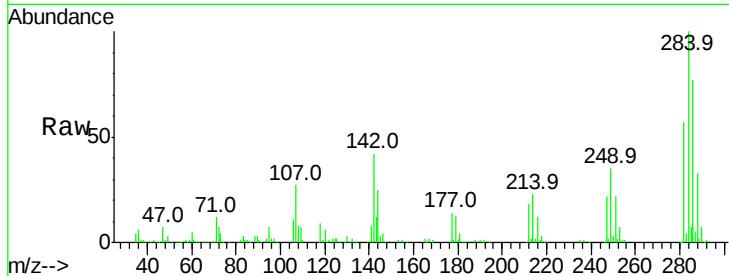
#67
Hexachlorobenzene
Concen: 45.53 ng
RT: 10.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	189876		
142	42.0	22.6	33.8#	
249	35.0	25.4	38.0	

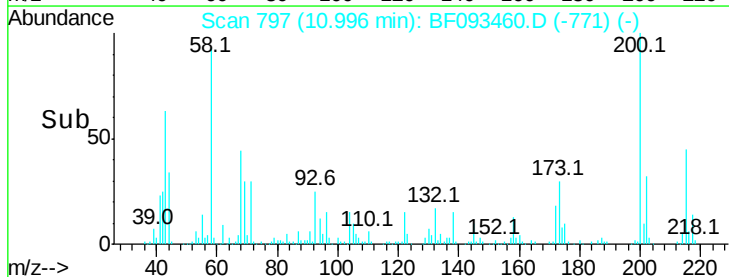
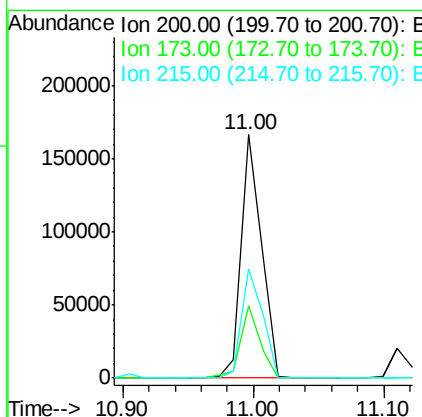
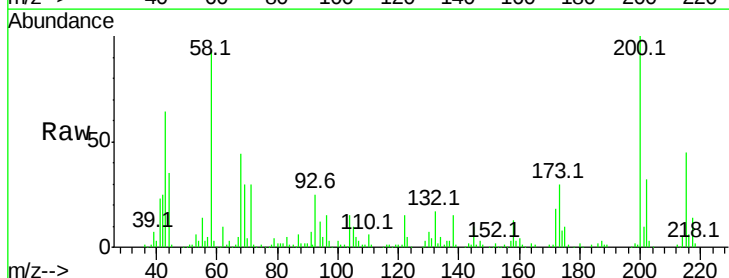
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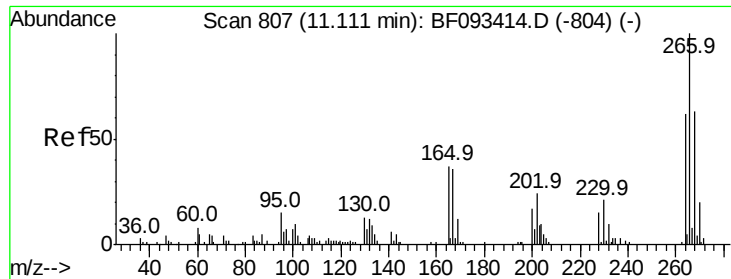
mohammad
3/10/2017 8:12:50 AM



#68
Atrazine
Concen: 44.11 ng
RT: 11.00 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	178042		
173	29.7	9.6	49.6	
215	44.8	25.7	65.7	





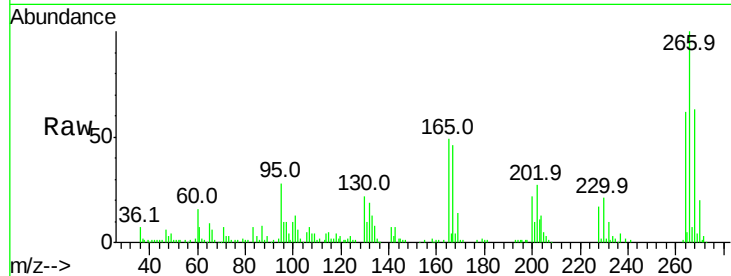
#69
 Pentachlorophenol
 Concen: 97.07 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	53.3	79.9
264	61.9	50.3	75.5

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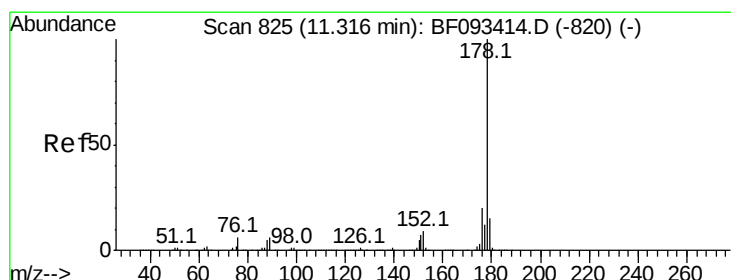
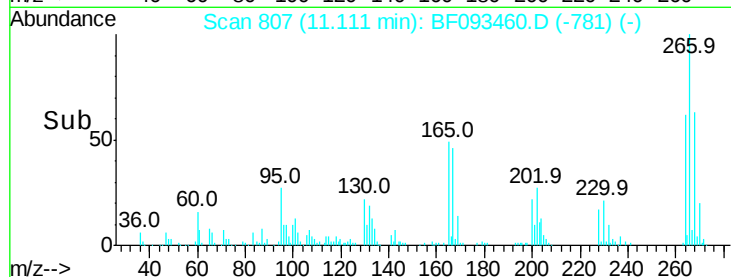
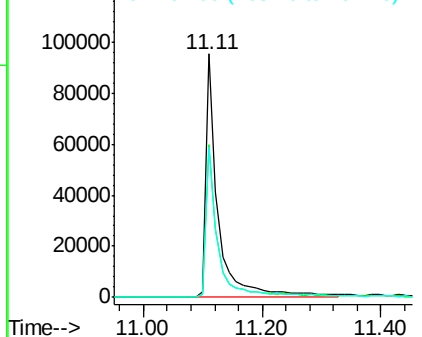


Abundance

Ion 265.70 (265.40 to 266.40): E

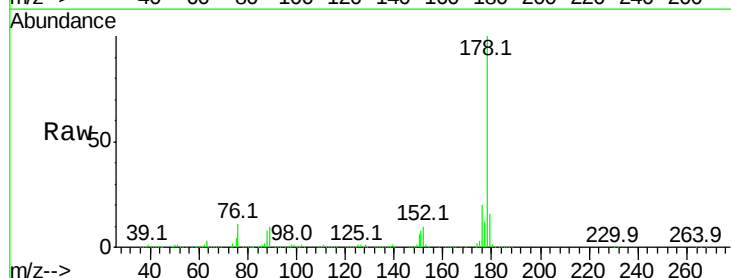
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 43.97 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.8	12.8	19.2

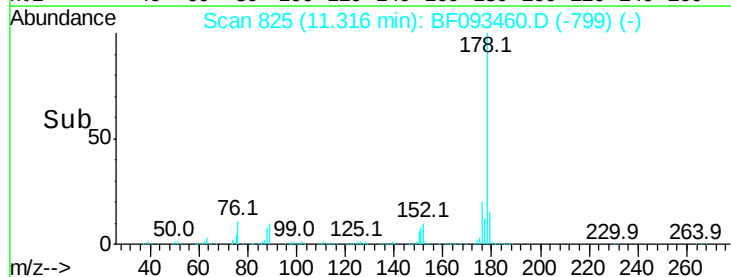
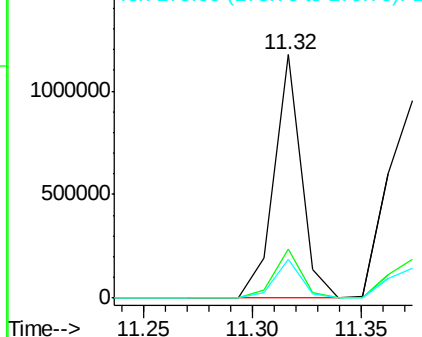


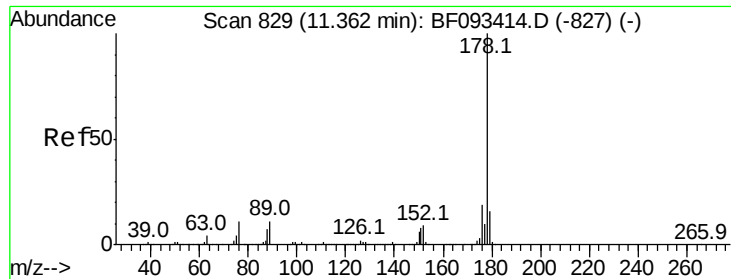
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





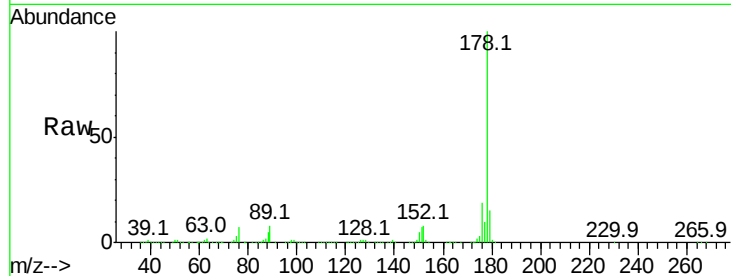
#71
 Anthracene
 Concen: 46.48 ng
 RT: 11.37 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

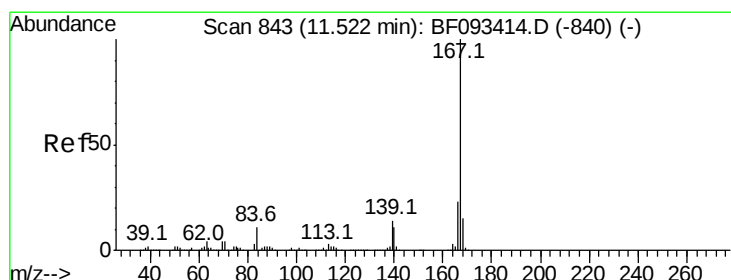
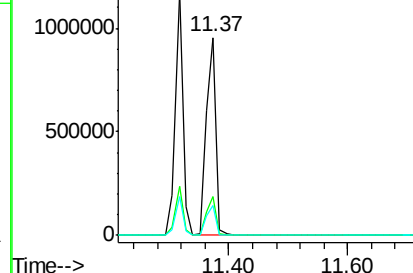
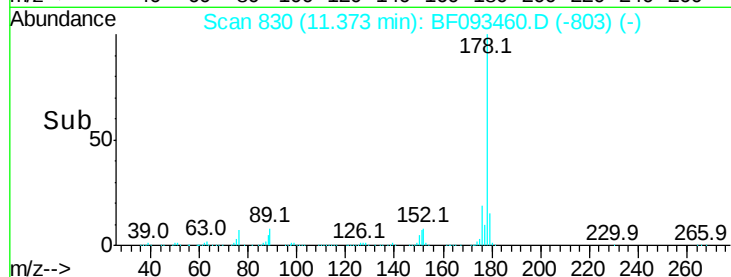
Tot Ion:178 Resp: 1108282
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.3 13.2 19.8

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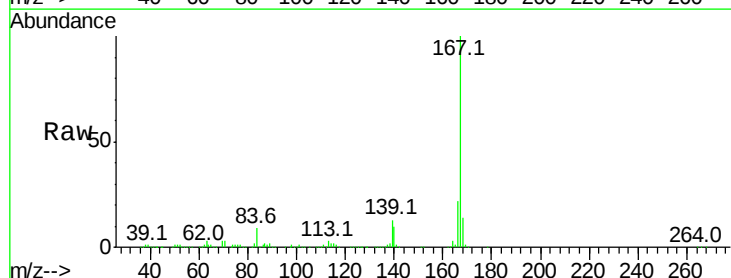


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

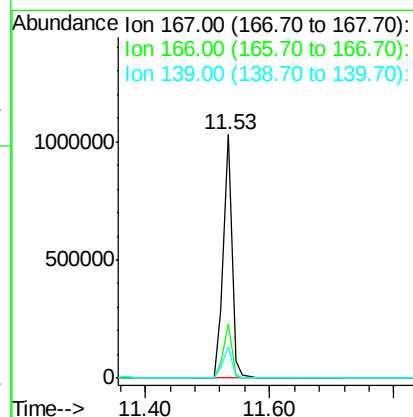
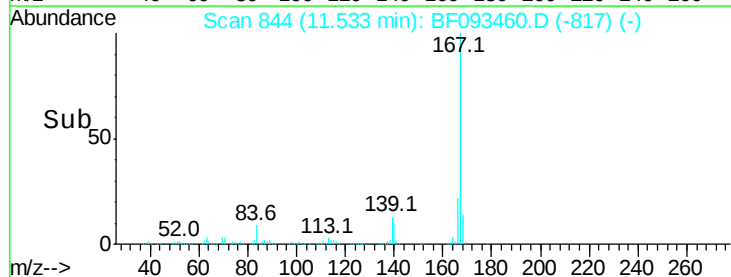


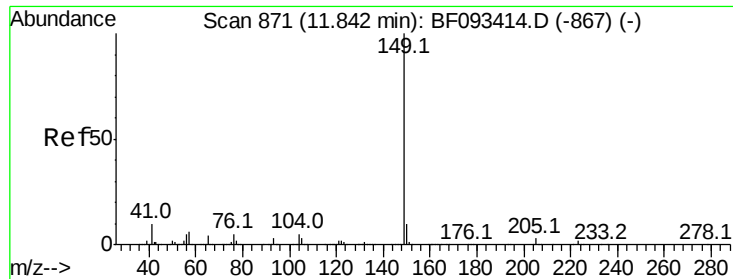
#72
 Carbazole
 Concen: 43.21 ng
 RT: 11.53 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion:167 Resp: 967899
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 12.8 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.73 ng

RT: 11.85 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

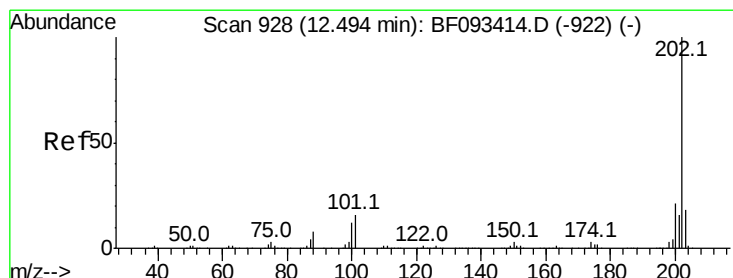
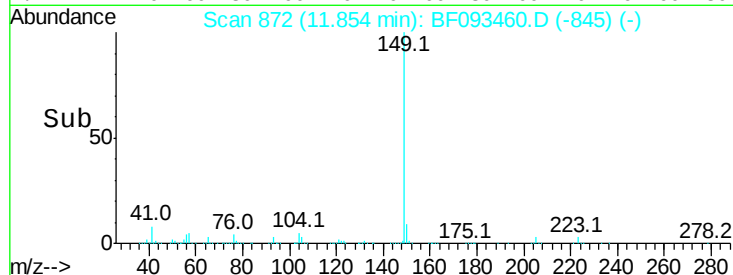
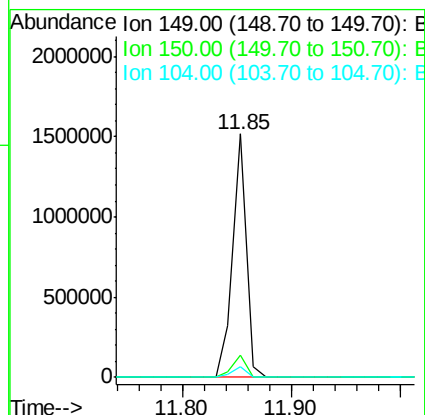
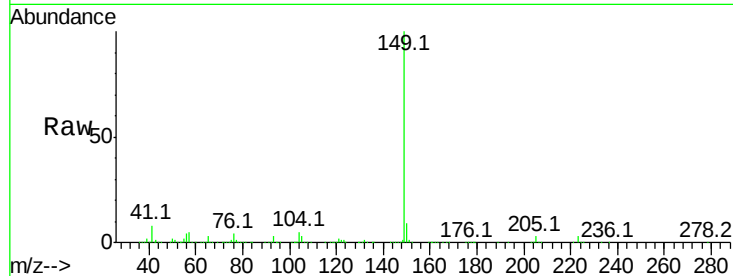
ClientSampleId :

WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.6	4.6	7.0

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#74

Fluoranthene

Concen: 41.77 ng

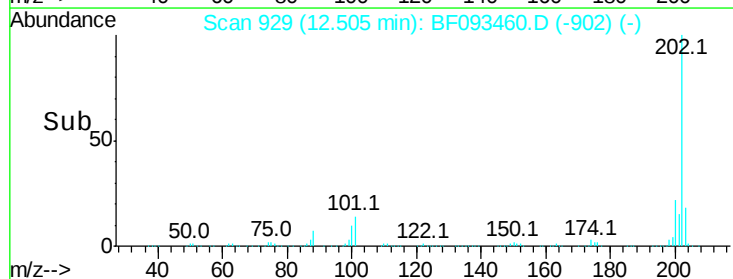
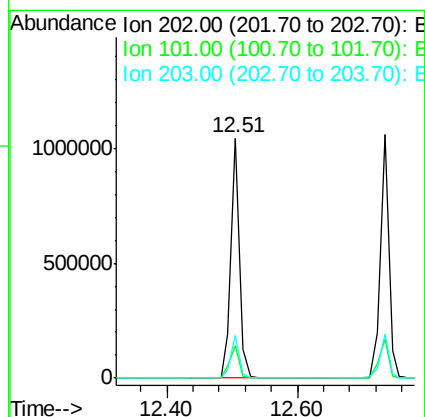
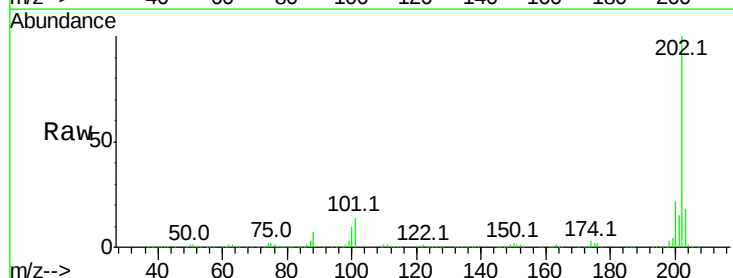
RT: 12.51 min Scan# 929

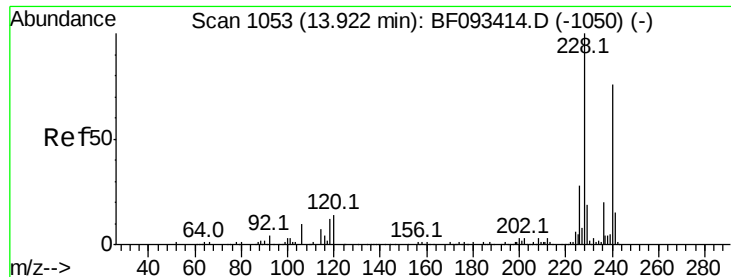
Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.6
203	17.8	0.0	38.7





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

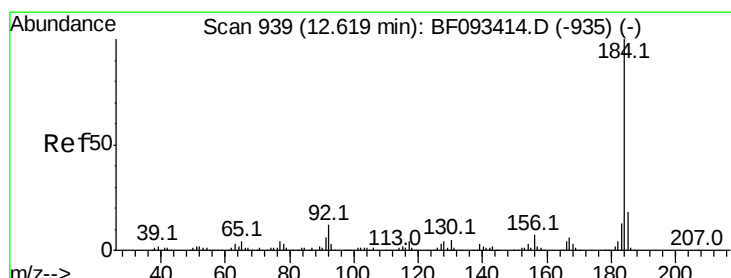
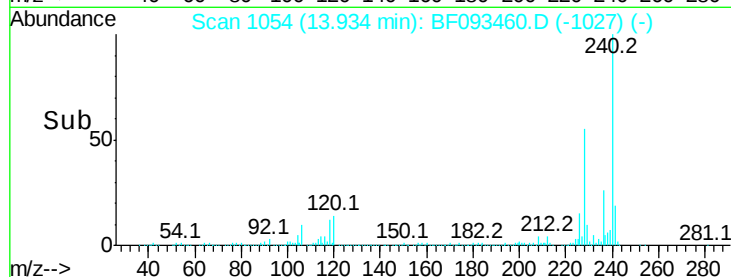
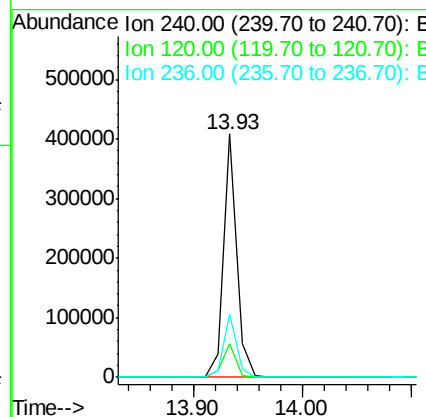
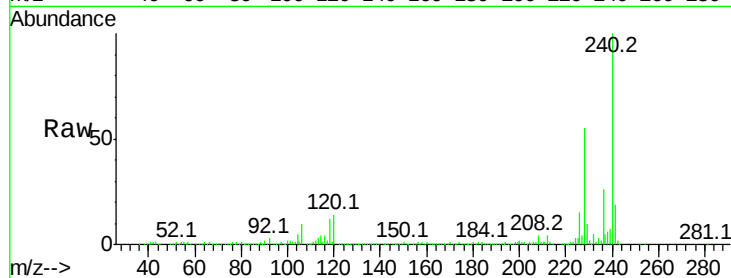
ClientSampleId :

WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.9	19.3
236	25.8	20.9	31.3

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#76

Benzidine

Concen: 14.00 ng

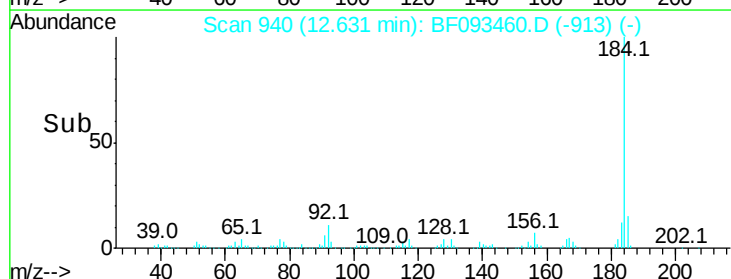
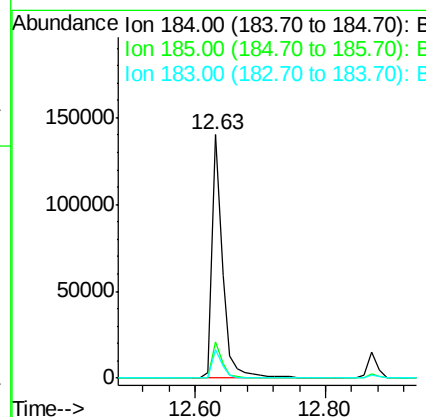
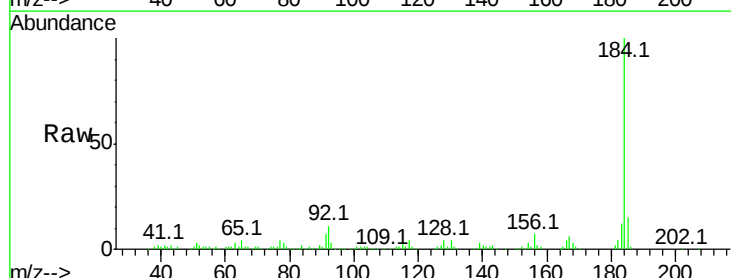
RT: 12.63 min Scan# 940

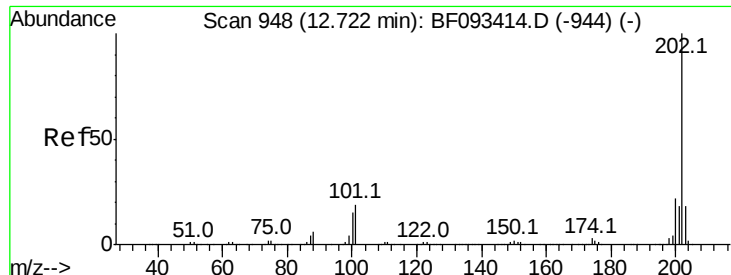
Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.4	20.0
183	11.7	9.2	13.8





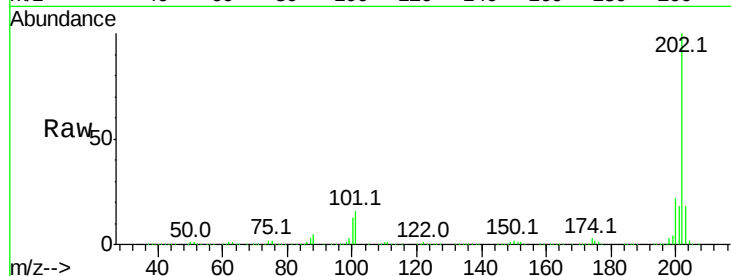
#77
Pvrene
Concen: 37.65 ng
RT: 12.73 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

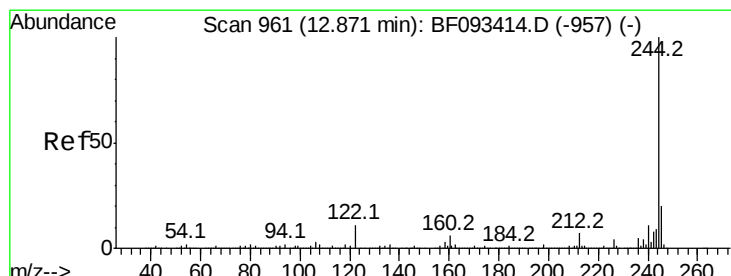
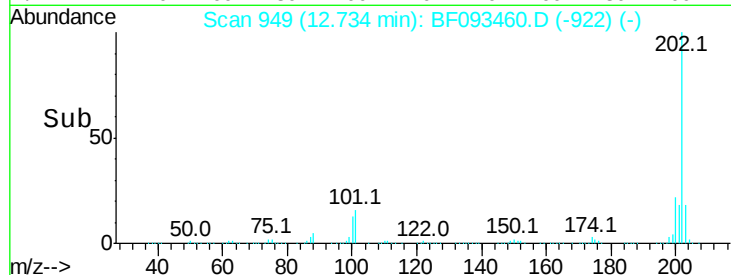
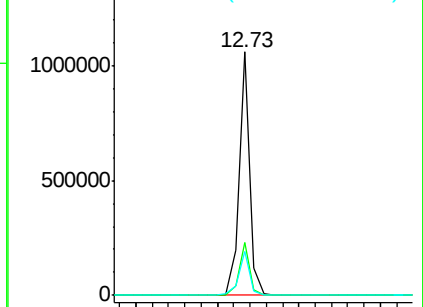
Tot Ion	Ratio	Resp	Lower	Upper
202	100	959668		
200	21.7		17.7	26.5
203	17.9		14.7	22.1

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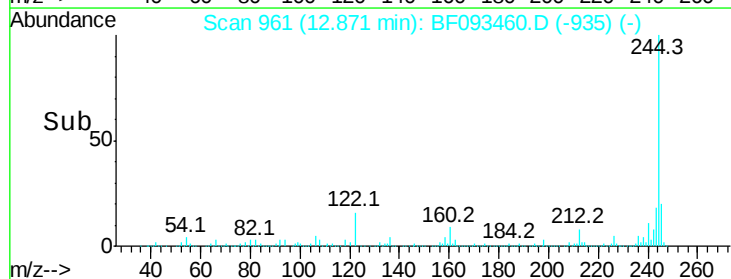
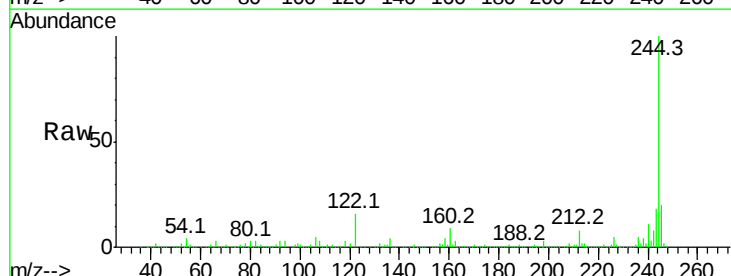
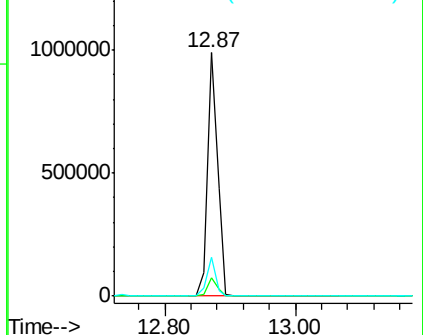
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

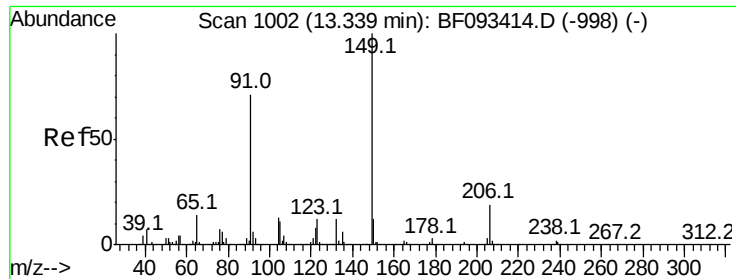


#78
Terphenyl-d14
Concen: 78.40 ng
RT: 12.87 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1056902		
212	7.8		6.2	9.2
122	15.8		11.4	17.2

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





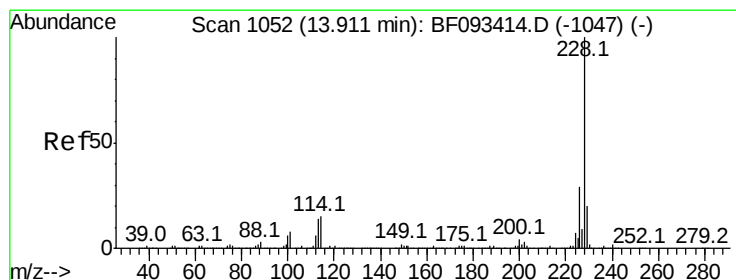
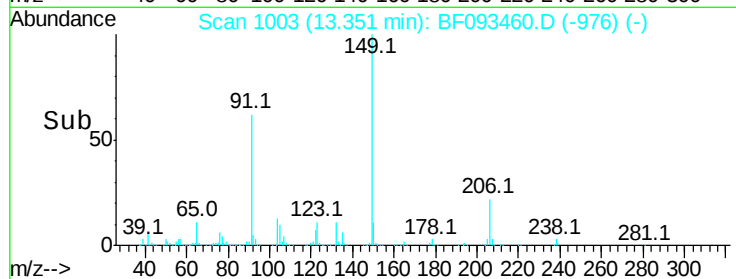
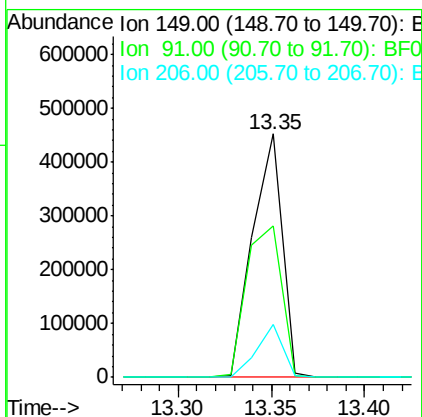
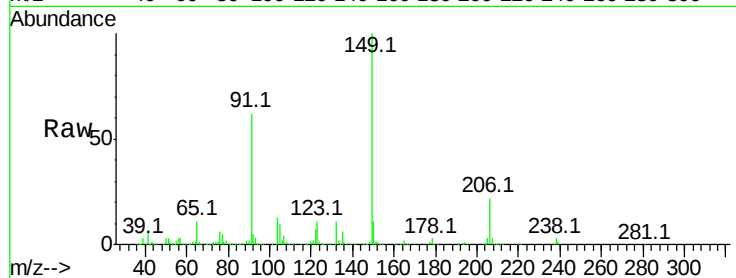
#79
Butylbenzylphthalate
Concen: 46.29 ng
RT: 13.35 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	496722		
91	62.3	63.9	95.9#	
206	22.0	14.6	21.8#	

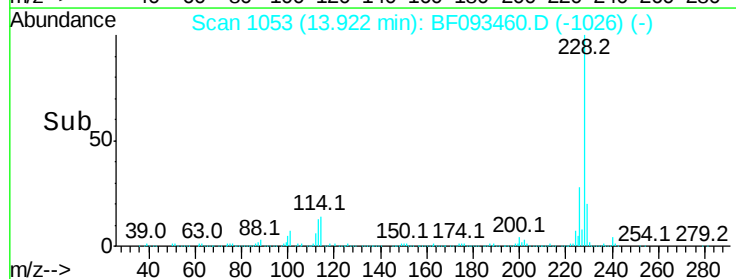
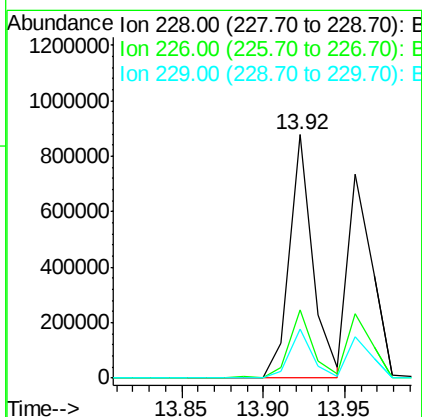
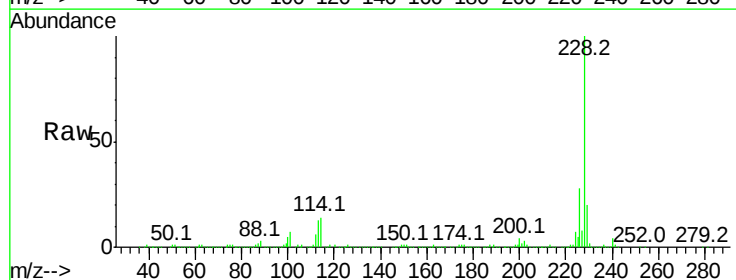
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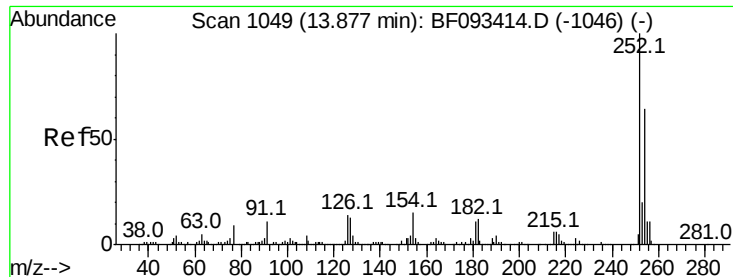
mohammad
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#80
Benzo(a)anthracene
Concen: 42.12 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	871852		
226	28.1	22.4	33.6	
229	20.3	16.2	24.4	





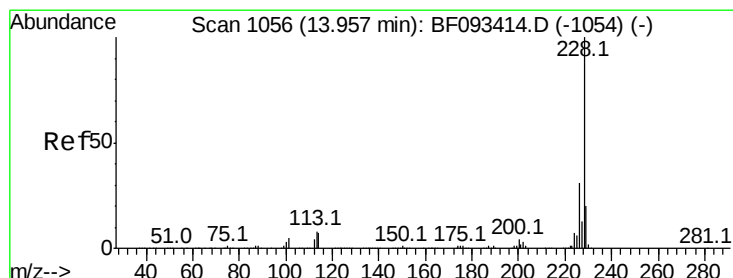
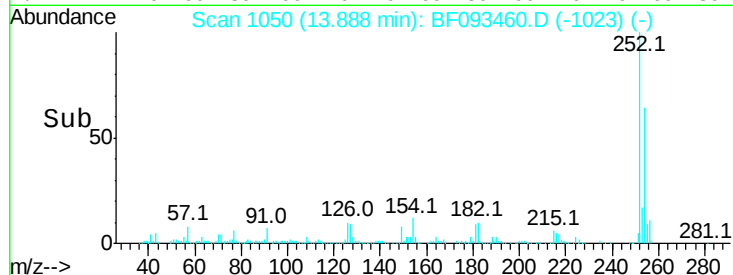
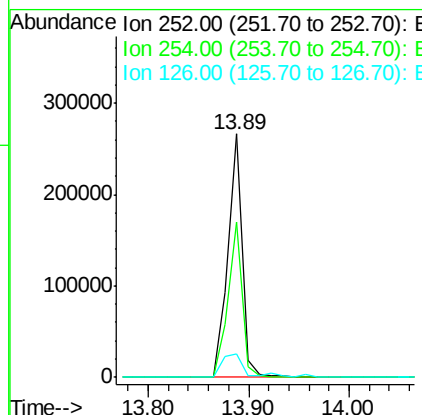
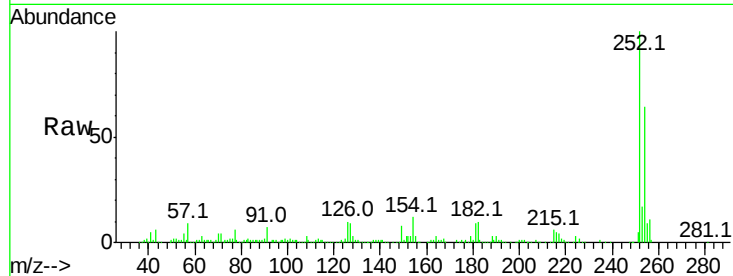
#81
 3,3'-Dichlorobenzidine
 Concen: 36.69 ng
 RT: 13.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	52.3	78.5
126	9.8	13.6	20.4

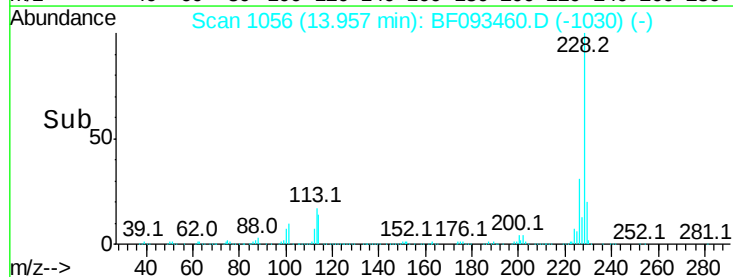
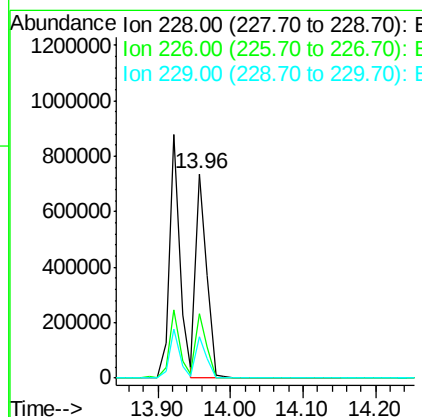
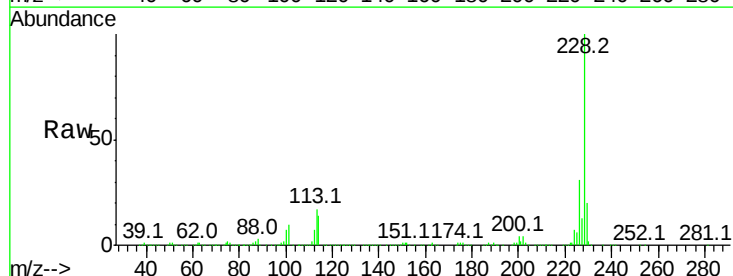
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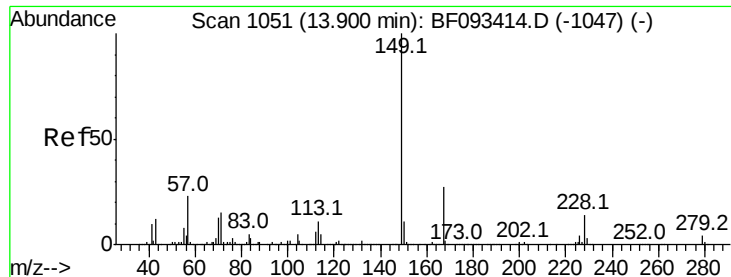
mohammad
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#82
 Chrysene
 Concen: 40.70 ng
 RT: 13.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.3	16.2	24.2





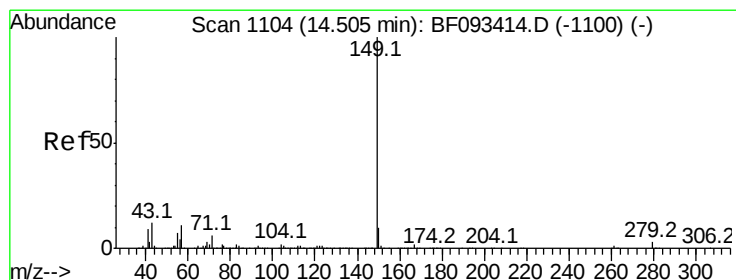
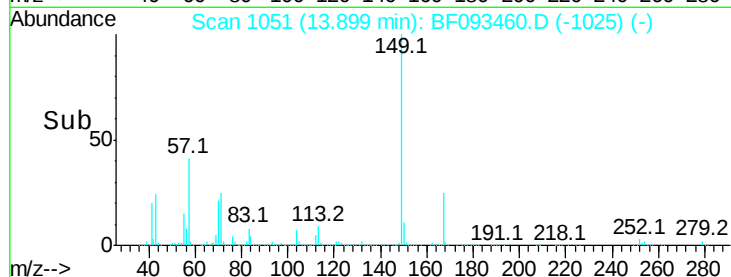
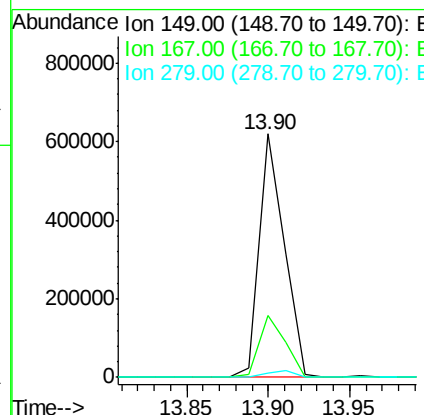
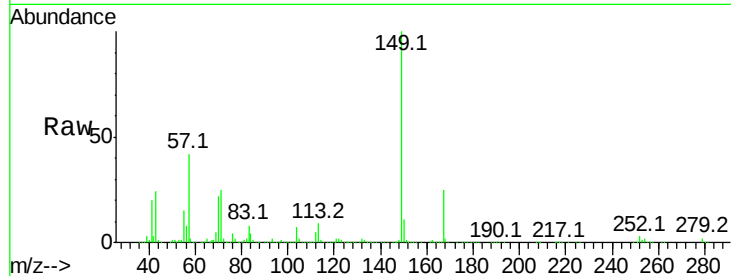
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.16 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	660500		
167	25.3	20.2	30.4	
279	1.8	1.8	2.8#	

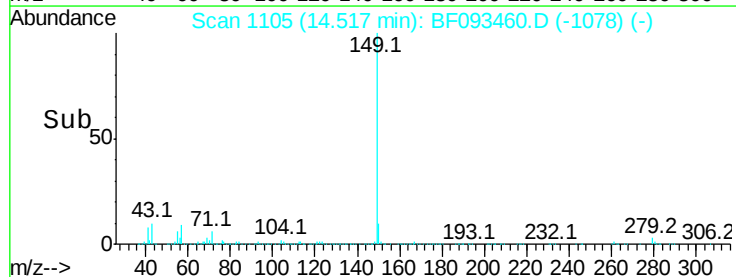
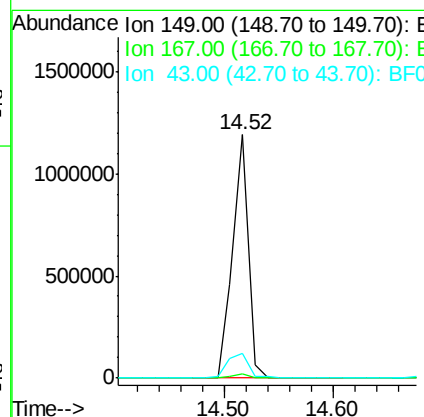
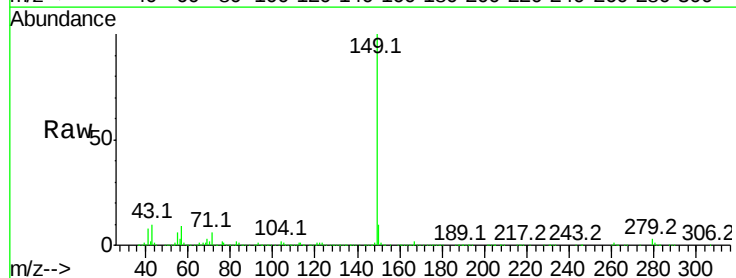
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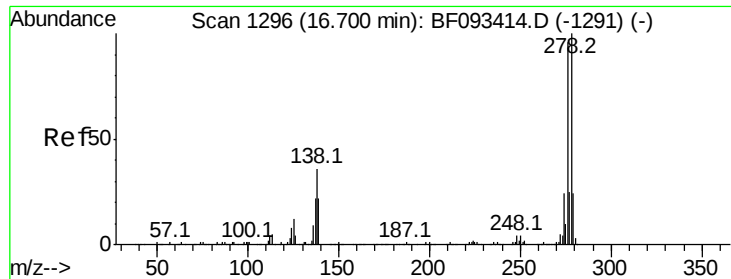
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 47.51 ng
 RT: 14.52 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1184369		
167	1.6	1.3	1.9	
43	13.2	8.9	13.3	





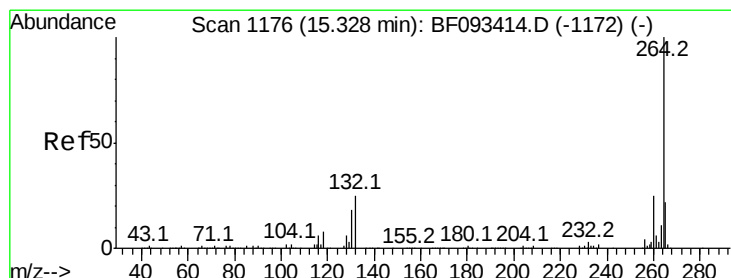
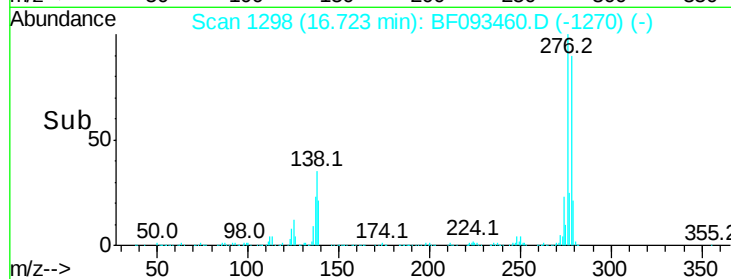
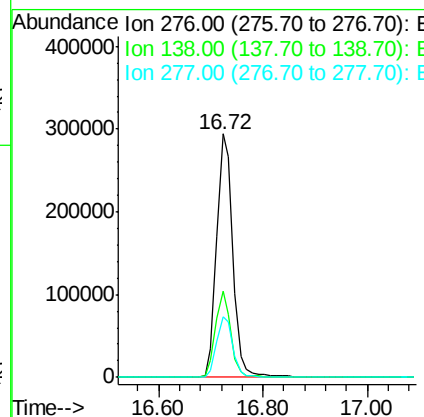
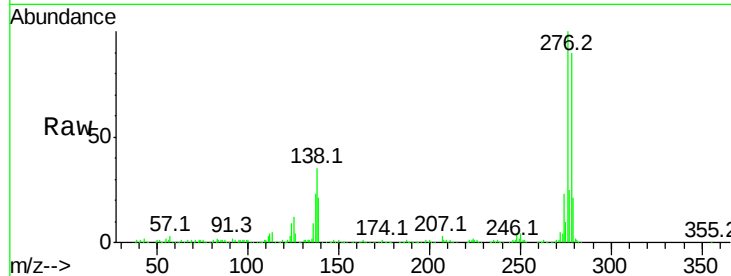
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.90 ng
 RT: 16.72 min Scan# 1298
 Delta R.T. 0.02 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	21.8	32.6#
277	25.1	20.2	30.4

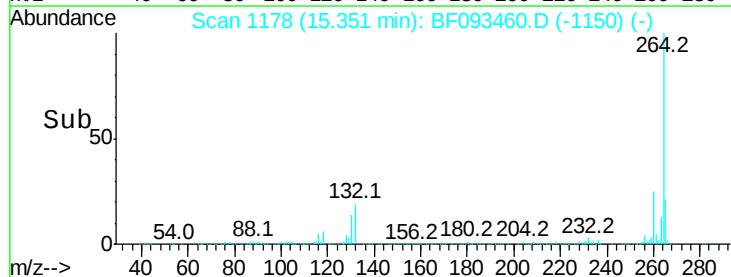
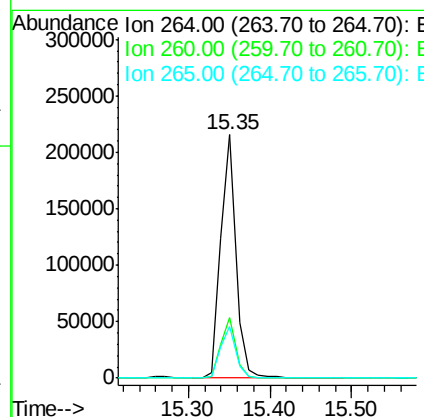
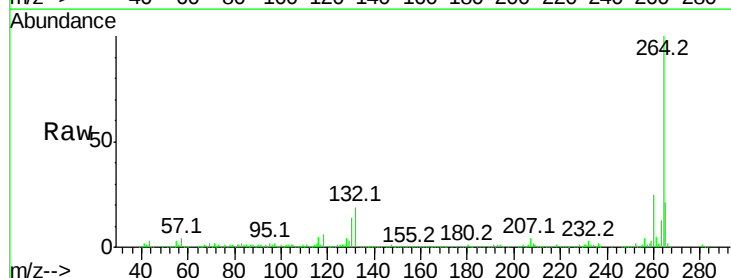
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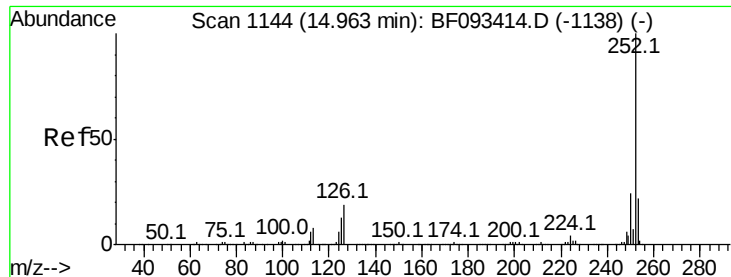
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 50.06 ng m

RT: 14.95 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Instrument :

BNA_F

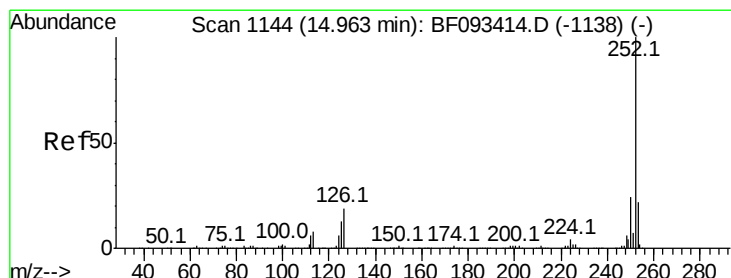
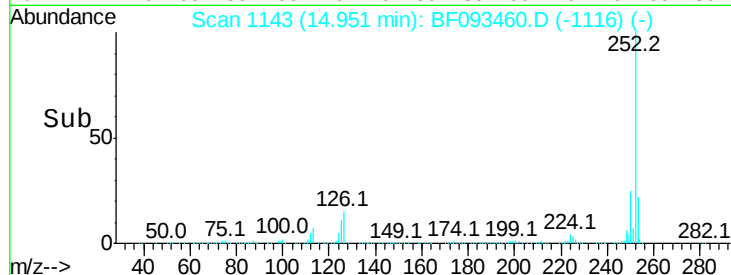
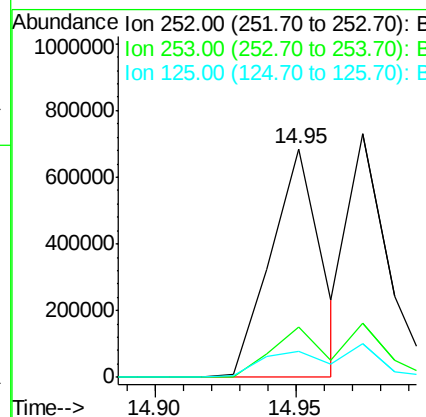
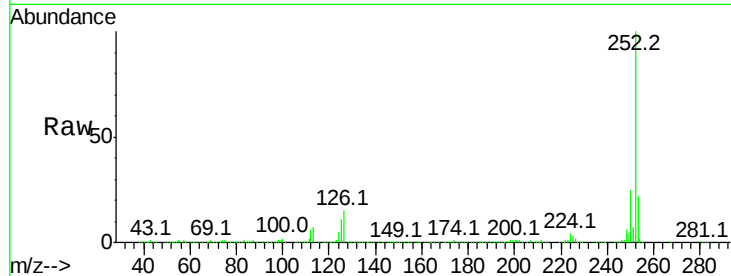
ClientSampleId :

WC-B46-B47-001MSD

Tot Ion:	252	Resp:	854593
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.4
125	11.2	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 41.84 ng m

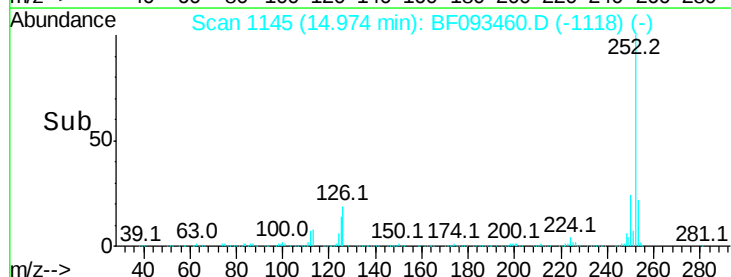
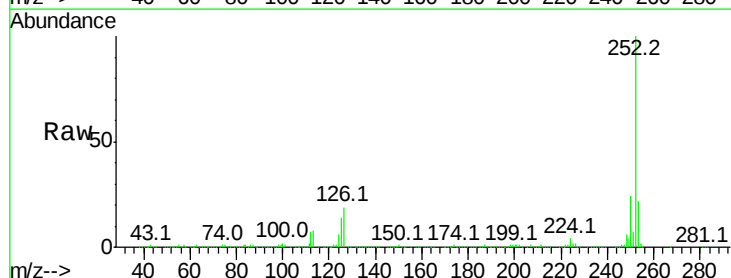
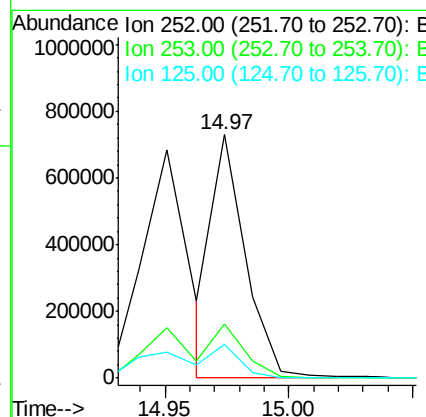
RT: 14.97 min Scan# 1145

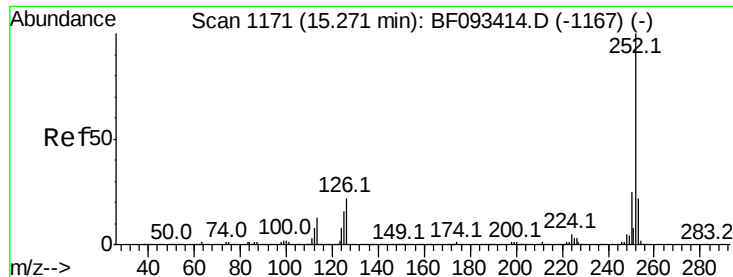
Delta R.T. 0.01 min

Lab File: BF093460.D

Acq: 9 Mar 2017 7:11

Tgt Ion:	252	Resp:	688815
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.5	27.7
125	13.7	8.9	13.3#





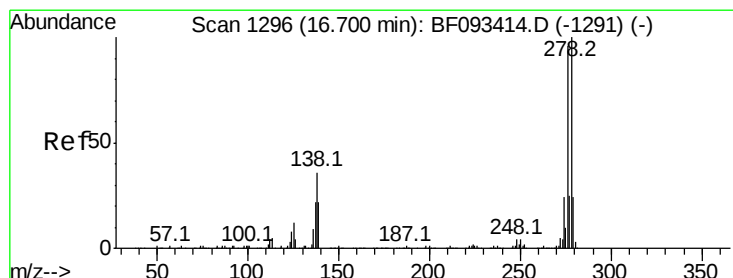
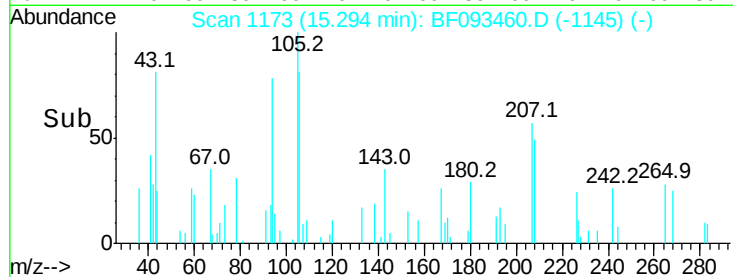
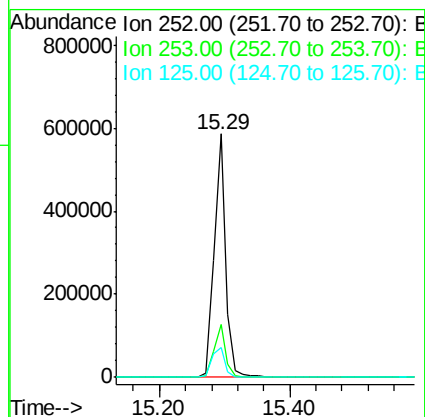
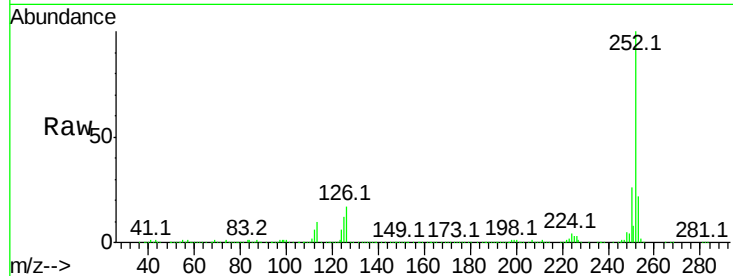
#89
Benzo(a)pyrene
Concen: 46.84 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Instrument :
BNA_F
ClientSampleId :
WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	12.3	10.0	15.0

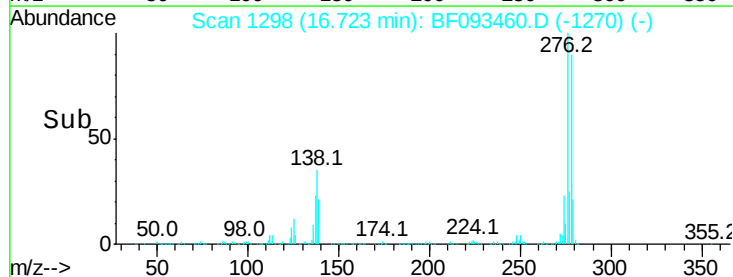
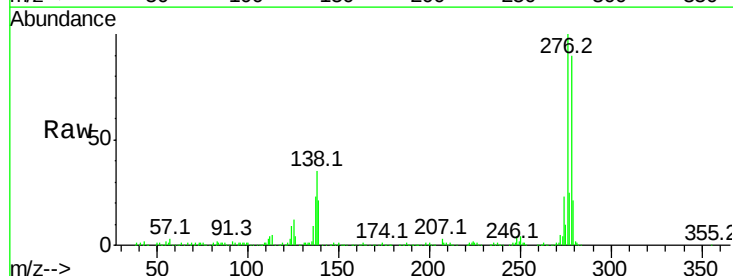
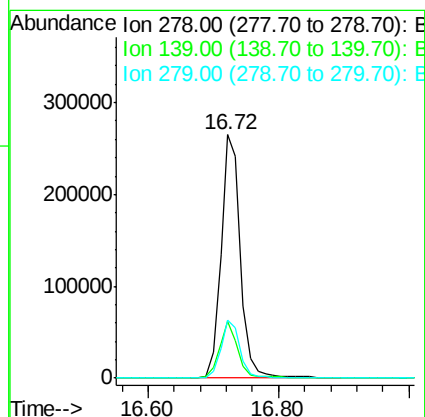
Manual Integrations
APPROVED

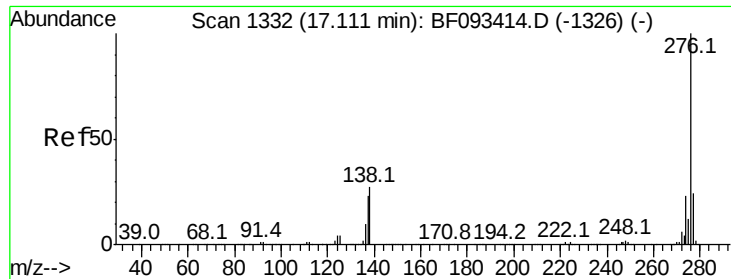
mohammad
3/10/2017 8:12:50 AM



#90
Dibenzo(a,h)anthracene
Concen: 42.52 ng
RT: 16.72 min Scan# 1298
Delta R.T. 0.02 min
Lab File: BF093460.D
Acq: 9 Mar 2017 7:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	14.8	22.2#
279	23.7	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.74 ng
 RT: 17.13 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF093460.D
 Acq: 9 Mar 2017 7:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-B46-B47-001MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	30.4	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/10/2017 8:12:50 AM

