

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092521.D
 Acq On : 26 Jan 2017 13:10
 Operator : SJ/MA
 Sample : I1386-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Manual Integrations
 APPROVED

mohammad
 1/27/2017 3:02:11 PM

Quant Time: Jan 27 00:28:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153133	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	579415	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	268126	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	381470	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	275745	20.00	ng	0.00
86) Perylene-d12	15.64	264	212189	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1342878	136.44	ng	0.02
7) Phenol-d6	6.60	99	1652944	131.84	ng	0.01
23) Nitrobenzene-d5	7.54	82	1023233	96.47	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	210570	115.24	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1562326	107.75	ng	-0.01
78) Terphenyl-d14	13.11	244	1062350	102.59	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	175431	33.52	ng	# 81
3) Pyridine	3.40	79	509894	34.22	ng	# 83
4) n-Nitrosodimethylamine	3.36	42	279809	38.27	ng	81
6) Aniline	6.62	93	365950	19.57	ng	# 50
8) 2-Chlorophenol	6.75	128	397776	38.48	ng	# 81
9) Benzaldehyde	6.51	77	255482	28.72	ng	91
10) Phenol	6.61	94	658718	43.53	ng	# 74
11) bis(2-Chloroethyl)ether	6.70	93	431553	38.12	ng	91
12) 1,3-Dichlorobenzene	6.91	146	474692m	38.83	ng	
13) 1,4-Dichlorobenzene	6.99	146	506612	41.17	ng	95
14) 1,2-Dichlorobenzene	7.15	146	428482m	36.70	ng	
15) Benzyl Alcohol	7.12	79	443739	46.97	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.25	45	857048	38.27	ng	92
17) 2-Methylphenol	7.23	107	387398	43.86	ng	# 93
18) Hexachloroethane	7.49	117	138890	32.76	ng	# 87
19) n-Nitroso-di-n-propylamine	7.39	70	328362	38.46	ng	95
20) 3+4-Methylphenols	7.38	107	425100	39.67	ng	95
22) Acetophenone	7.39	105	620425	44.96	ng	# 89
24) Nitrobenzene	7.56	77	531015	47.79	ng	91
25) Isophorone	7.80	82	886656	42.42	ng	99
26) 2-Nitrophenol	7.88	139	190510	40.91	ng	# 75
27) 2,4-Dimethylphenol	7.92	122	423748	43.76	ng	94
28) bis(2-Chloroethoxy)methane	8.01	93	523552	38.16	ng	98
29) 2,4-Dichlorophenol	8.12	162	350693	41.77	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	358391	39.49	ng	94
31) Naphthalene	8.28	128	1132636	38.19	ng	99
33) 4-Chloroaniline	8.33	127	235311	18.76	ng	# 93
34) Hexachlorobutadiene	8.41	225	208029	41.91	ng	98
35) Caprolactam	8.69	113	101381	36.16	ng	# 40
36) 4-Chloro-3-methylphenol	8.82	107	368218	40.67	ng	96
37) 2-Methylnaphthalene	8.98	142	714894	38.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	361008	53.38	ng	99
40) Hexachlorocyclopentadiene	9.14	237	45790	13.52	ng	99
42) 2,4,6-Trichlorophenol	9.26	196	189826	36.63	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	196171	41.37	nq	94
45) 1,1'-Biphenyl	9.45	154	843568	43.52	nq	97
46) 2-Chloronaphthalene	9.47	162	657182	41.51	nq	94
47) 2-Nitroaniline	9.56	65	230104	43.16	nq	88
48) Acenaphthylene	9.89	152	1055812	45.47	nq	99
49) Dimethylphthalate	9.76	163	909815	53.36	nq	99
50) 2,6-Dinitrotoluene	9.81	165	171629	49.25	nq	96
51) Acenaphthene	10.06	154	585604	40.59	nq	97
52) 3-Nitroaniline	9.98	138	175730	40.26	nq #	70
54) Dibenzofuran	10.24	168	871162	44.47	nq	97
55) 4-Nitrophenol	10.13	139	120869	34.87	nq #	78
56) 2,4-Dinitrotoluene	10.21	165	196952	42.58	nq	91
57) Fluorene	10.58	166	601362	41.40	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	91853	25.86	nq #	98
59) Diethylphthalate	10.45	149	734316	44.91	nq	98
60) 4-Chlorophenyl-phenylether	10.58	204	305094	43.30	nq #	73
61) 4-Nitroaniline	10.59	138	152892	35.02	nq	95
62) Azobenzene	10.74	77	800572	43.03	nq	88
64) 4,6-Dinitro-2-methylphenol	10.62	198	1574m	5.64	nq	
65) n-Nitrosodiphenylamine	10.69	169	597586	50.16	nq	99
66) 4-Bromophenyl-phenylether	11.07	248	177976	46.21	nq #	79
67) Hexachlorobenzene	11.13	284	157716	40.51	nq #	79
68) Atrazine	11.22	200	167383	41.05	nq	99
69) Pentachlorophenol	11.32	266	66683	26.79	nq	98
70) Phenanthrene	11.55	178	1255050	59.74	nq	98
71) Anthracene	11.60	178	948326	46.19	nq	98
72) Carbazole	11.76	167	847065	43.21	nq	96
73) Di-n-butylphthalate	12.09	149	1123285	50.11	nq #	96
74) Fluoranthene	12.74	202	1638537	79.74	nq	97
76) Benzidine	12.85	184	252266	24.64	nq	98
77) Pyrene	12.97	202	1542566	77.21	nq	99
79) Butylbenzylphthalate	13.59	149	429133	53.02	nq #	81
80) Benzo(a)anthracene	14.16	228	960304	64.80	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	183186	32.56	nq	98
82) Chrysene	14.19	228	927157	58.58	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	550400	53.99	nq #	97
84) Di-n-octyl phthalate	14.76	149	944553	51.04	nq	97
85) Indeno(1,2,3-cd)pyrene	17.15	276	613779	52.42	nq	96
87) Benzo(b)fluoranthene	15.22	252	965643m	70.89	nq	
88) Benzo(k)fluoranthene	15.24	252	529265m	46.73	nq	
89) Benzo(a)pyrene	15.59	252	673160	58.42	nq #	97
90) Dibenzo(a,h)anthracene	17.16	278	461793	49.56	nq #	96
91) Benzo(g,h,i)perylene	17.60	276	522736	55.47	nq #	90

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

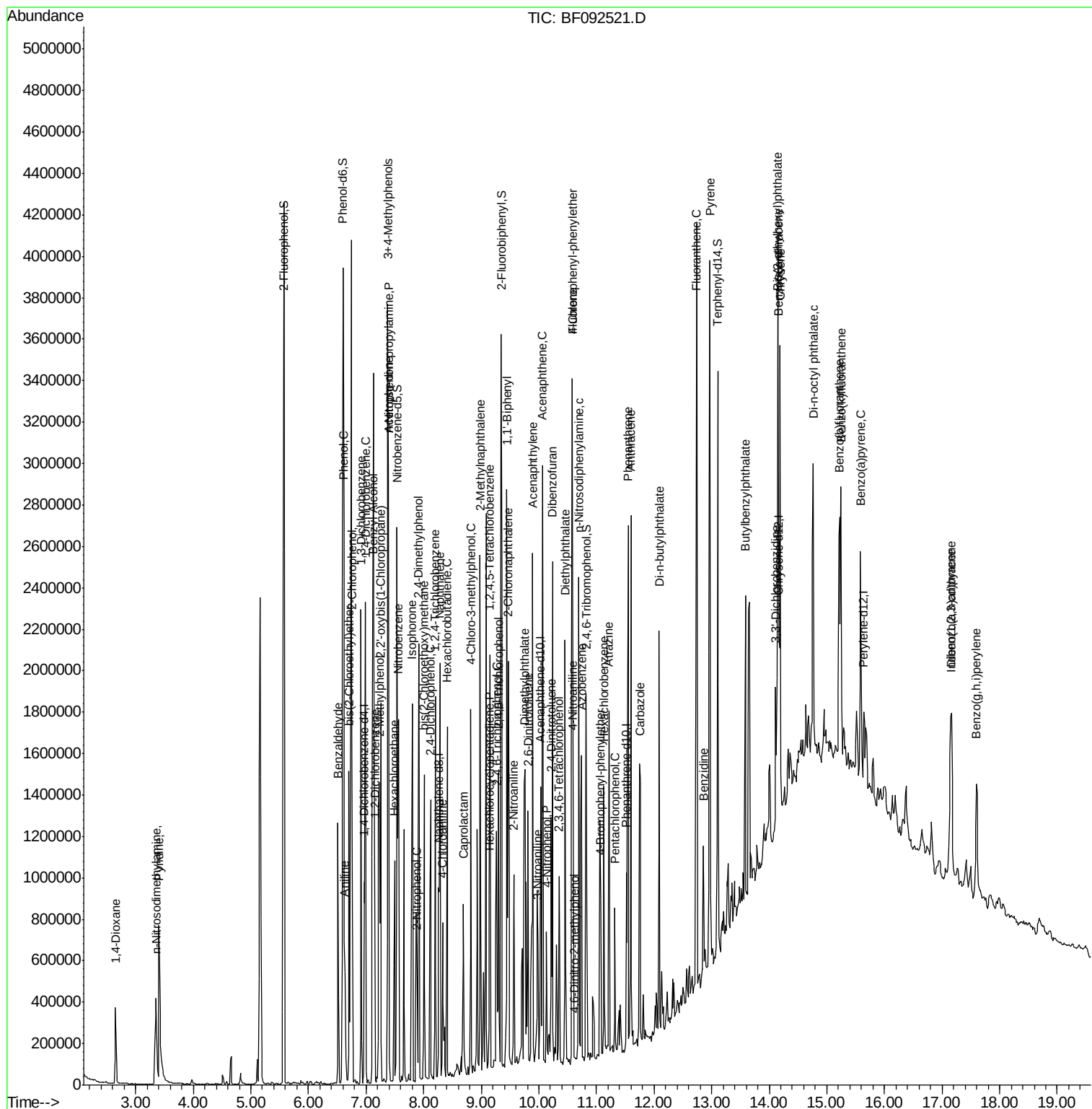
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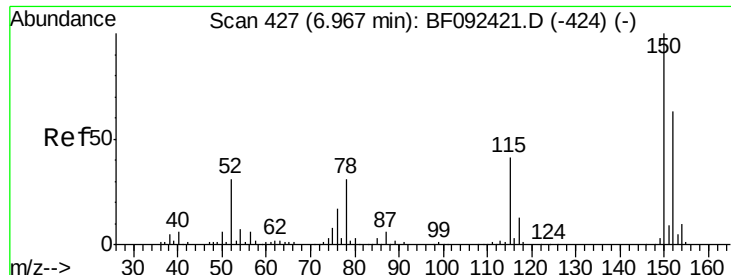
Instrument :
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 ClientSampleID :
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#1

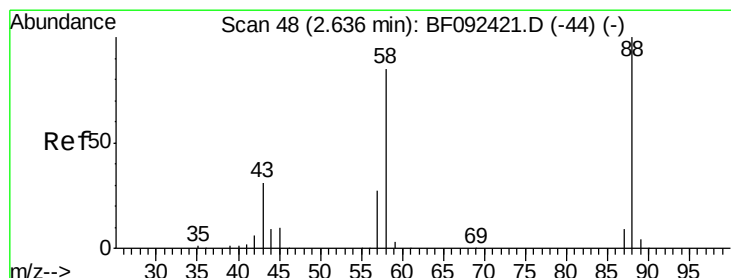
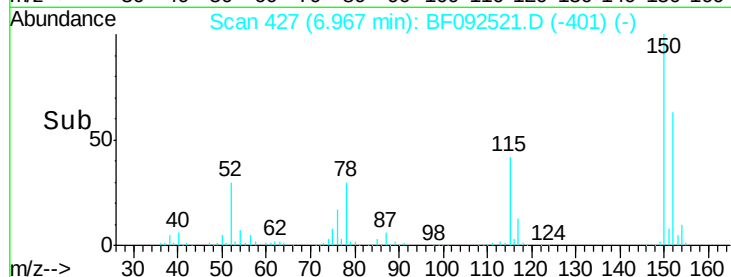
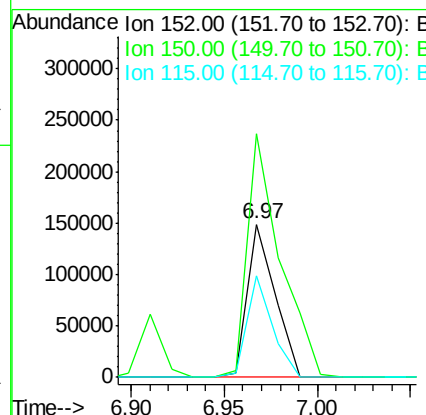
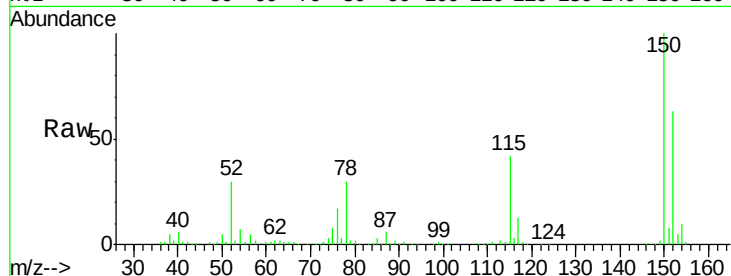
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.9	187.3
115	66.2	46.0	69.0

Manual Integrations
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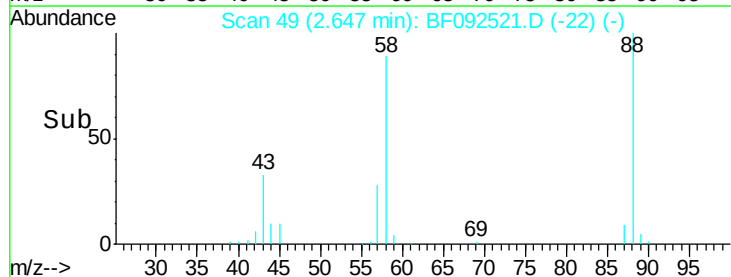
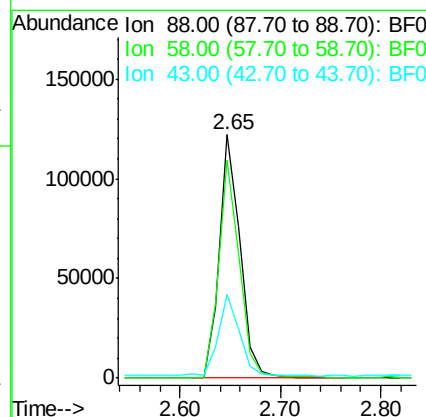
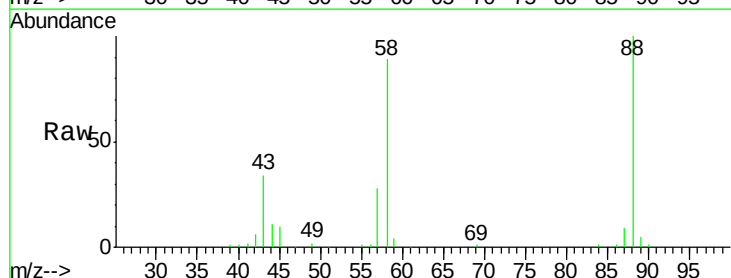
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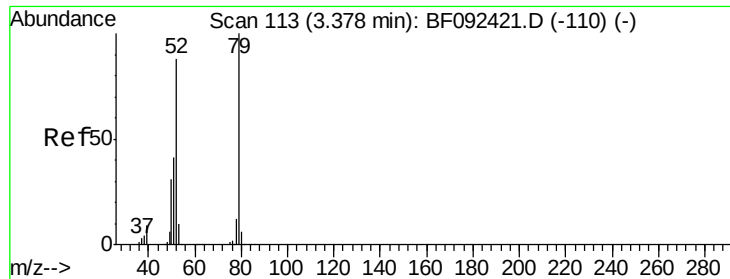


#2

1,4-Dioxane
Concen: 33.52 ng
RT: 2.65 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	57.8	86.8#
43	34.6	22.3	33.5#





#3

Pvridine

Concen: 34.22 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.02 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion: 79 Resp: 509894

Ion Ratio Lower Upper

79 100

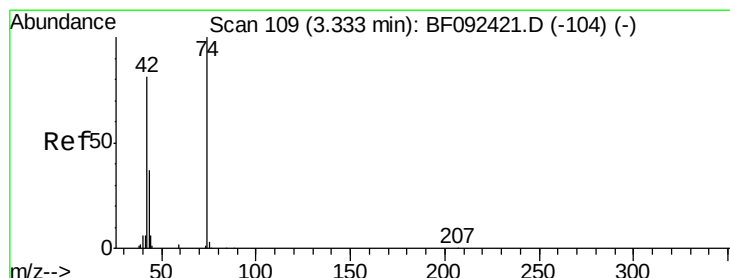
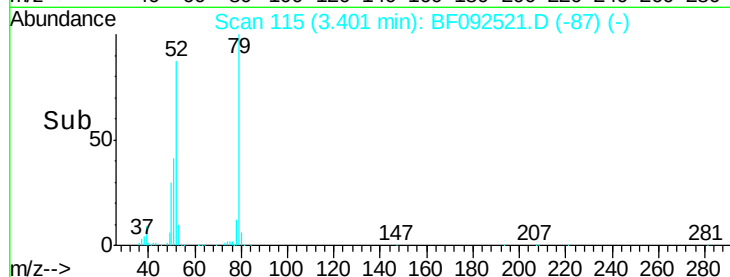
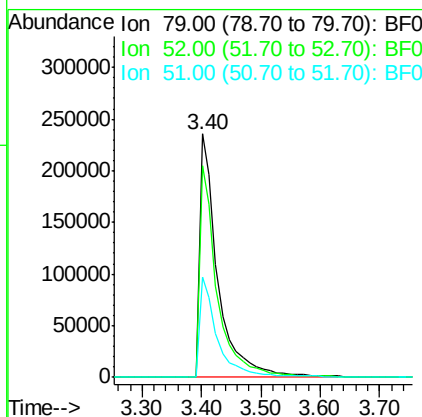
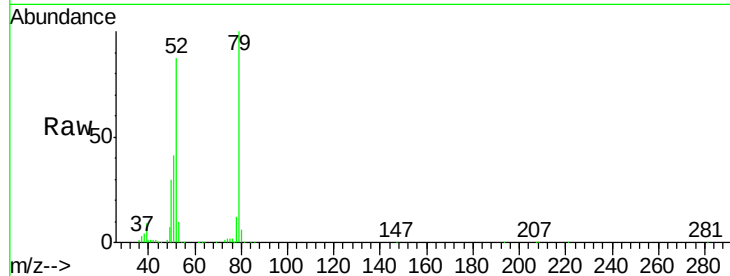
52 86.9 57.1 85.7#

51 41.3 27.3 40.9#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.27 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.02 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

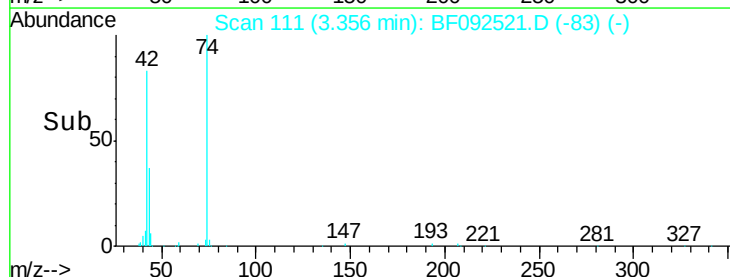
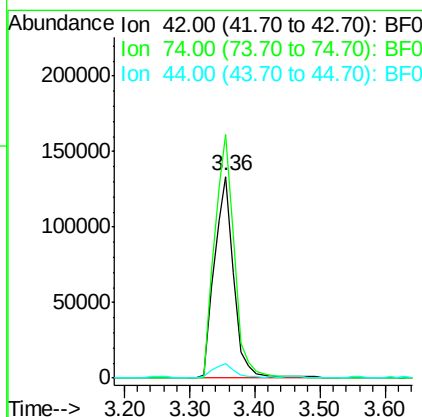
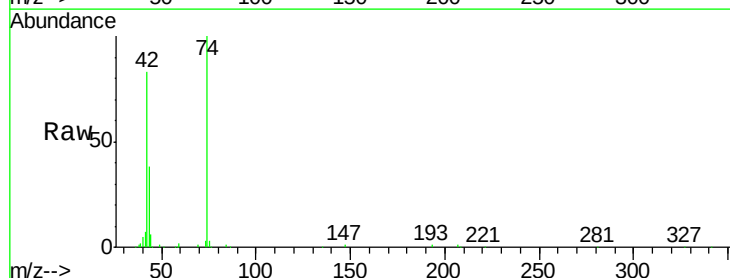
Tgt Ion: 42 Resp: 279809

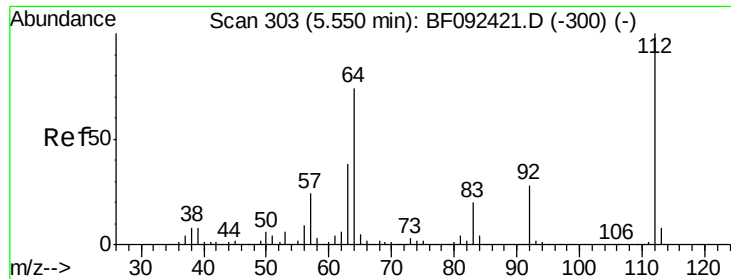
Ion Ratio Lower Upper

42 100

74 120.9 117.0 175.4

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 136.44 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion: 112 Resp: 1342878

Ion Ratio Lower Upper

112 100

64 63.4 46.1 69.1

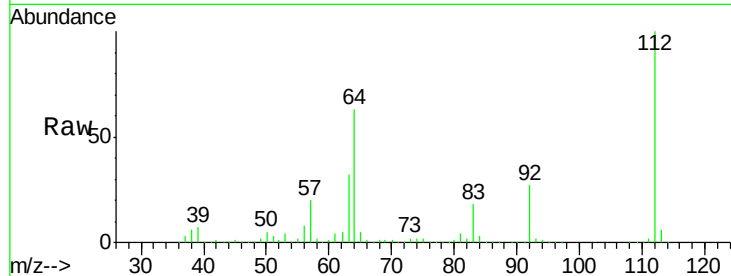
63 32.2 23.8 35.6

Manual Integrations

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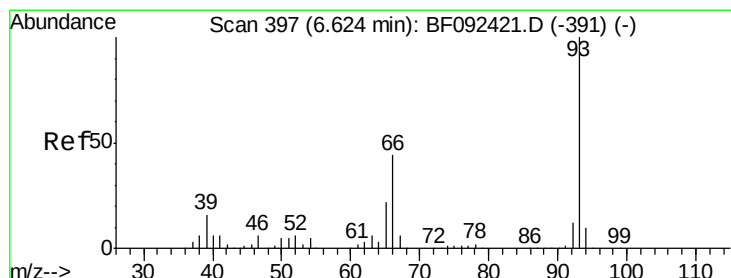
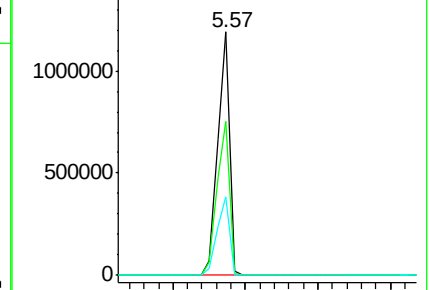
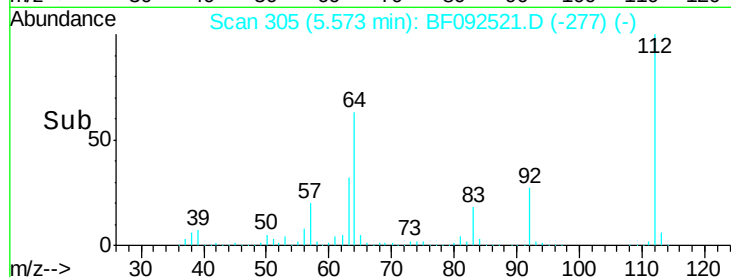
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.57 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

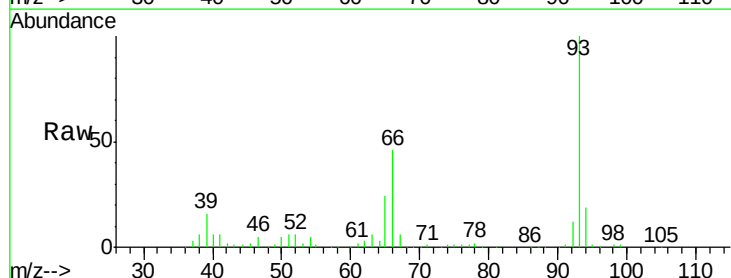
Tgt Ion: 93 Resp: 365950

Ion Ratio Lower Upper

93 100

66 46.3 76.2 114.2#

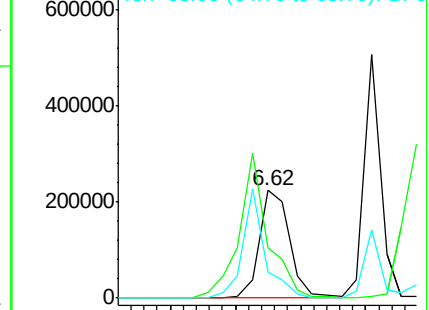
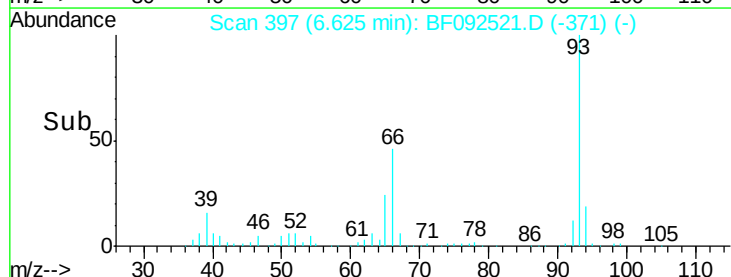
65 23.6 49.3 73.9#

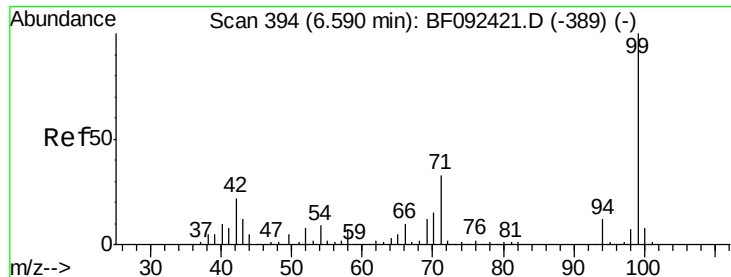


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.84 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion: 99 Resp: 1652944

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

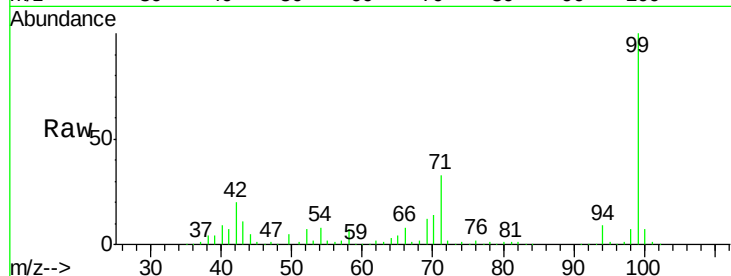
71 32.5 27.5 41.3

Manual Integrations

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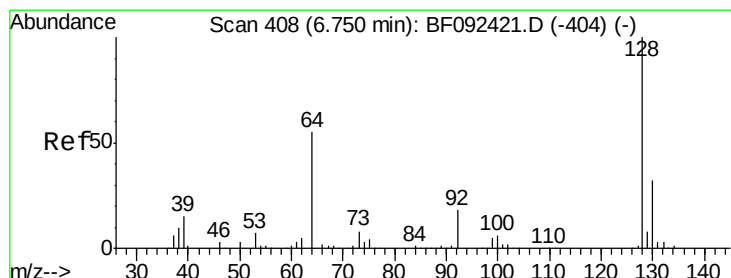
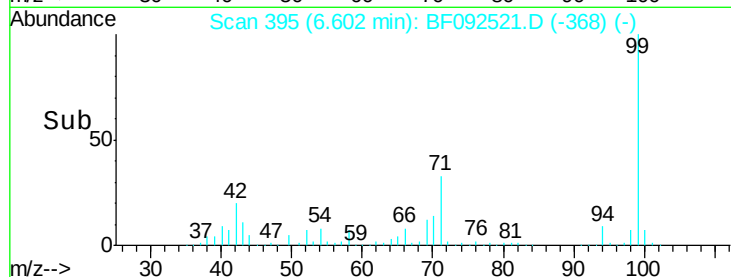
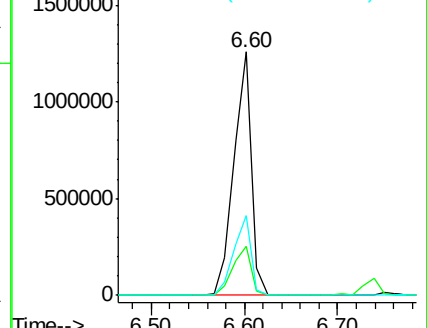
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.48 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

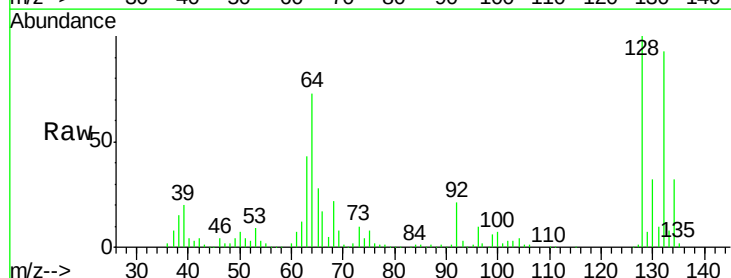
Tgt Ion: 128 Resp: 397776

Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

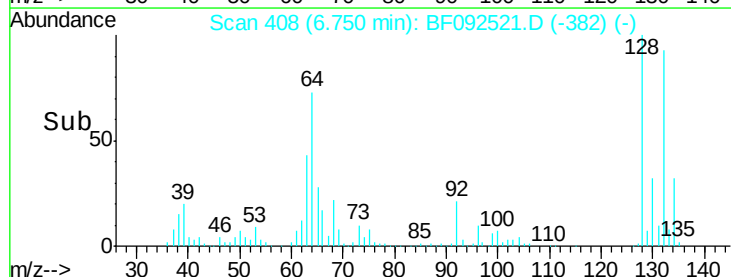
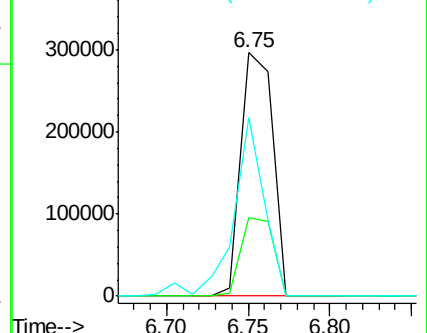
64 73.2 32.2 72.2#

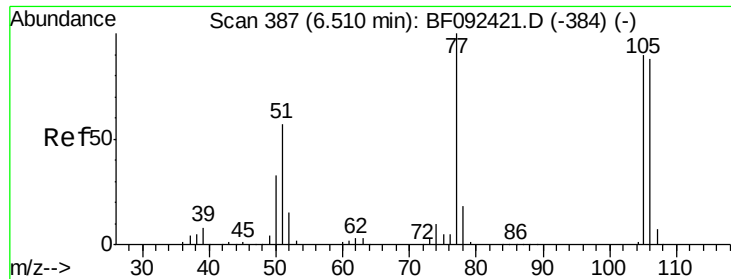


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.72 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion: 77 Resp: 255482

Ion Ratio Lower Upper

77 100

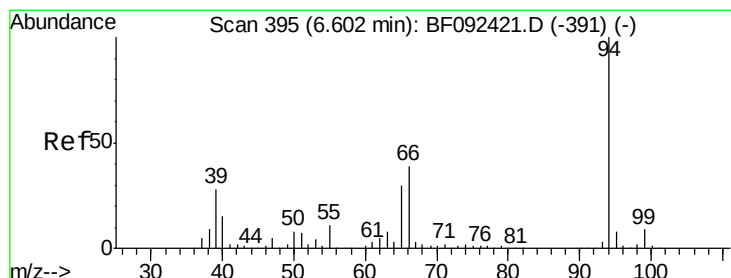
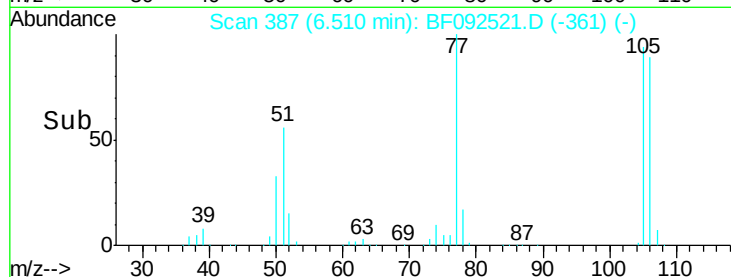
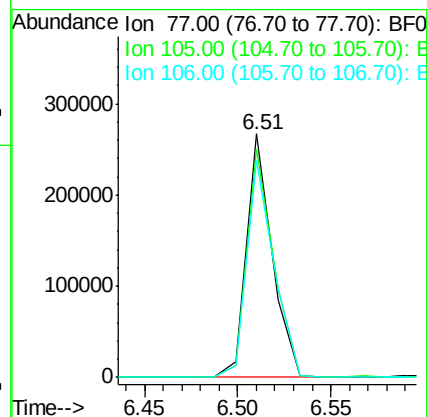
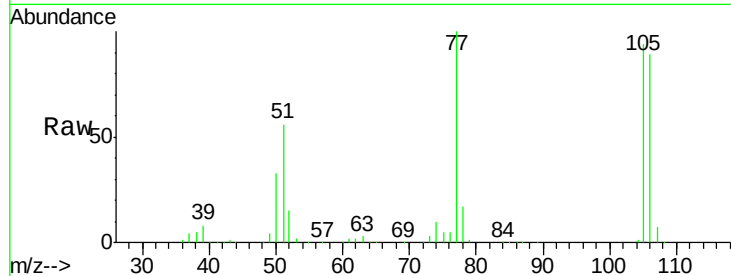
105 94.0 83.9 123.9

106 89.0 77.6 117.6

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#10

Phenol

Concen: 43.53 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

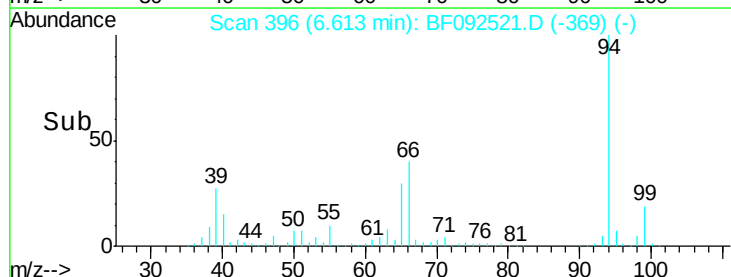
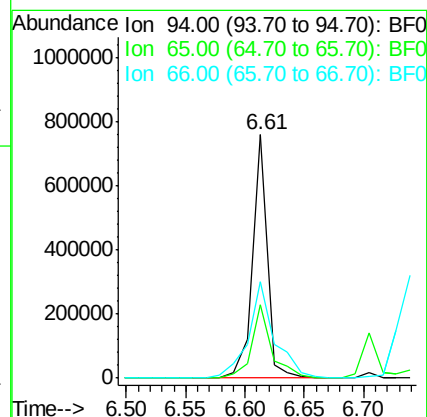
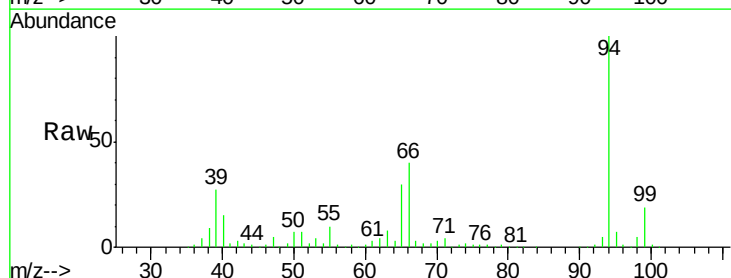
Tgt Ion: 94 Resp: 658718

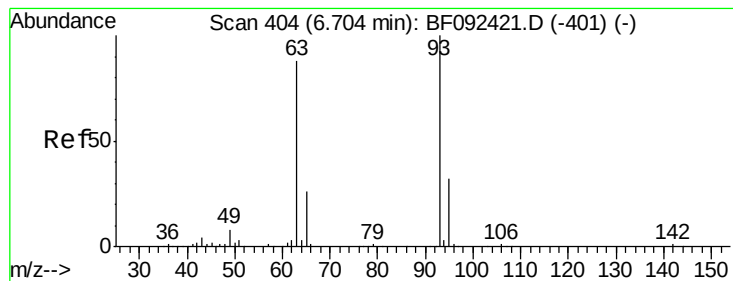
Ion Ratio Lower Upper

94 100

65 30.0 21.4 61.4

66 39.7 44.0 84.0#





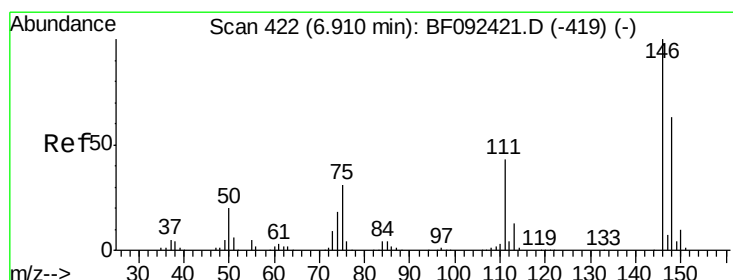
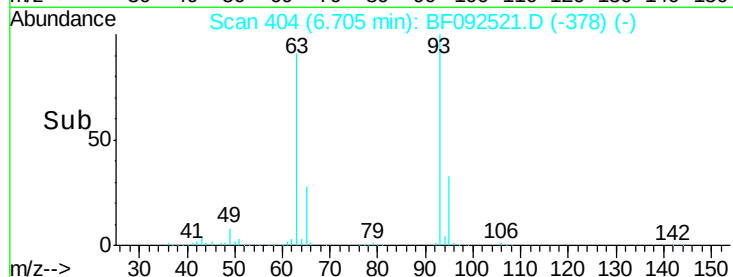
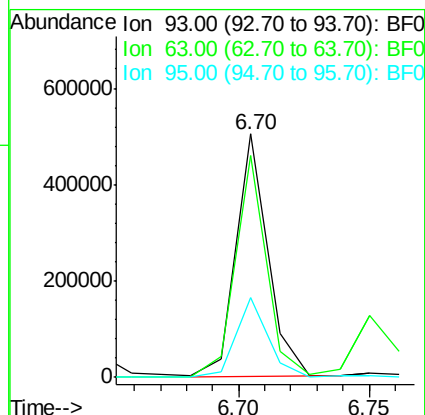
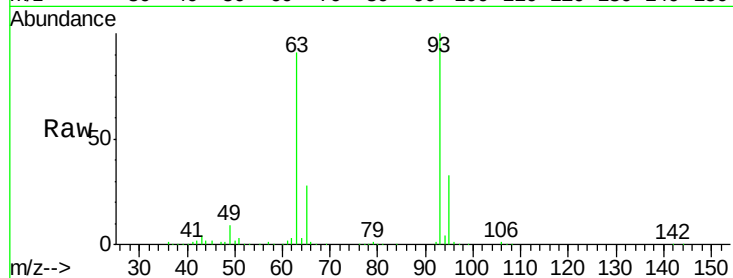
#11
bis(2-Chloroethyl)ether
Concen: 38.12 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion:	93	Resp:	431553
Ion Ratio	Lower	Upper	
93	100		
63	91.1	60.4	100.4
95	33.0	12.8	52.8

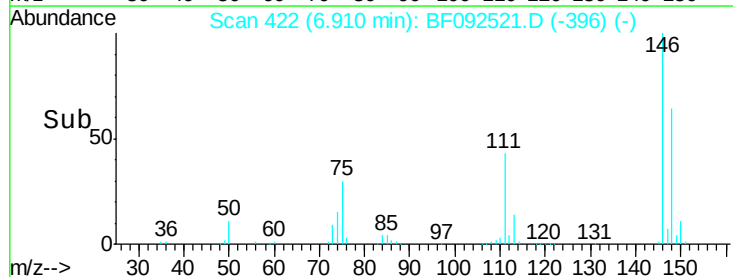
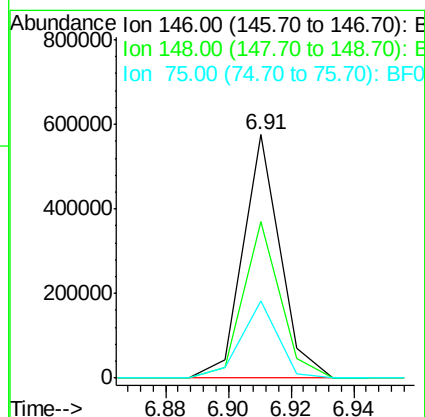
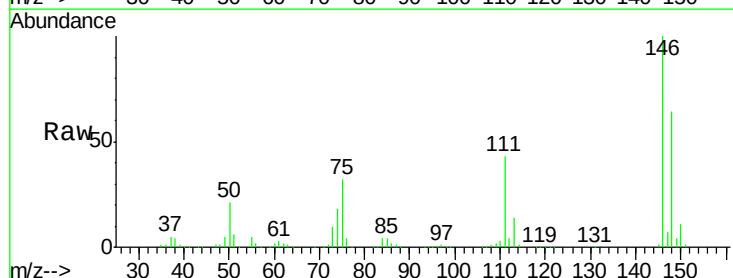
Manual Integrations
APPROVED

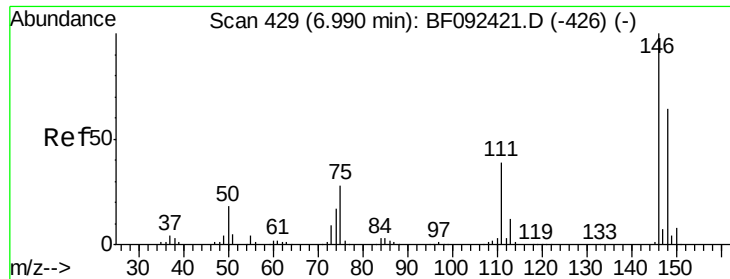
mohammad
1/27/2017 3:02:11 PM



#12
1,3-Dichlorobenzene
Concen: 38.83 ng m
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion:	146	Resp:	474692
Ion Ratio	Lower	Upper	
146	100		
148	64.3	53.4	80.0
75	31.6	18.5	27.7#





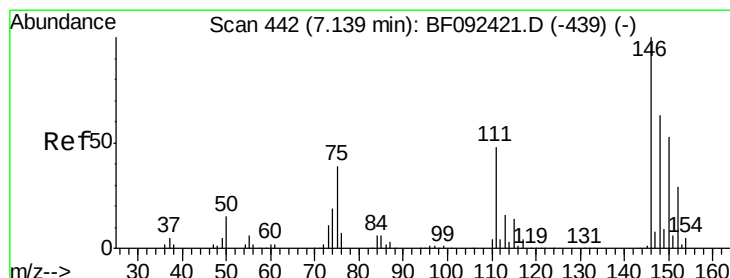
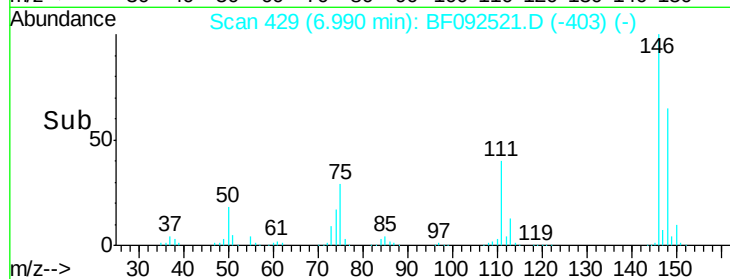
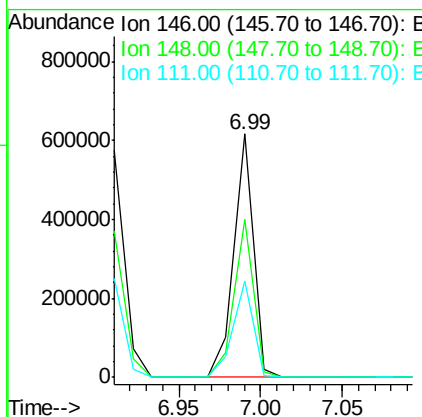
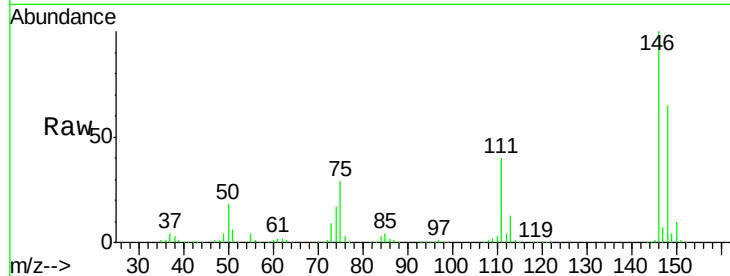
#13
 1,4-Dichlorobenzene
 Concen: 41.17 ng
 RT: 6.99 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	76.0
111	39.6	36.2	54.4

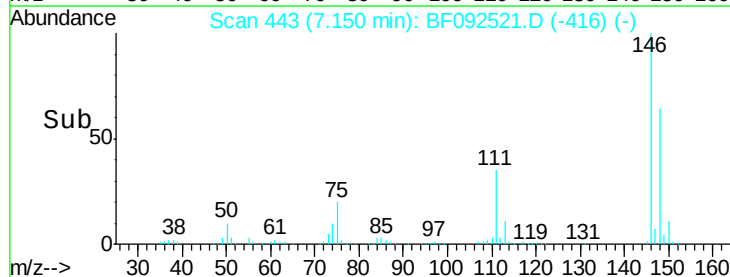
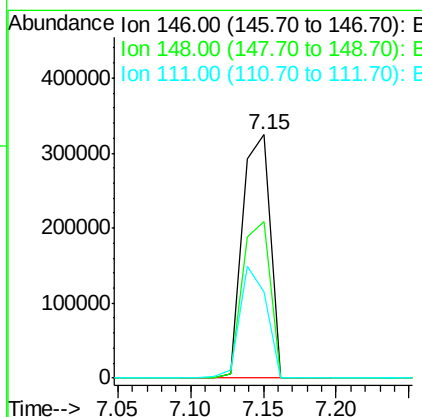
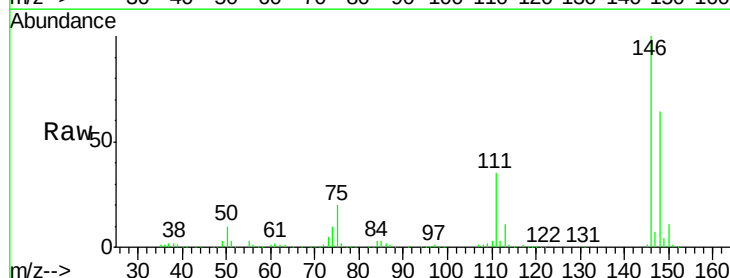
Manual Integrations
 APPROVED

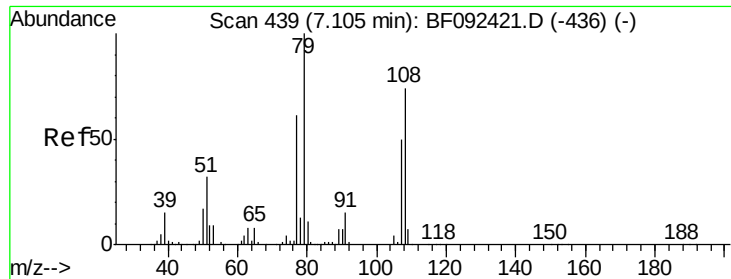
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.70 ng m
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	35.2	36.2	54.2#





#15

Benzyl Alcohol

Concen: 46.97 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampled :

CHA-SB-01-0-2MS

Tot Ion: 79 Resp: 443739

Ion Ratio Lower Upper

79 100

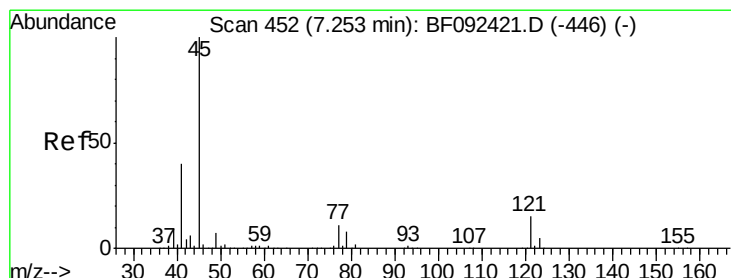
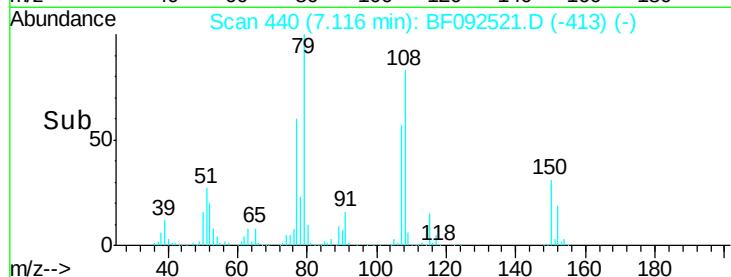
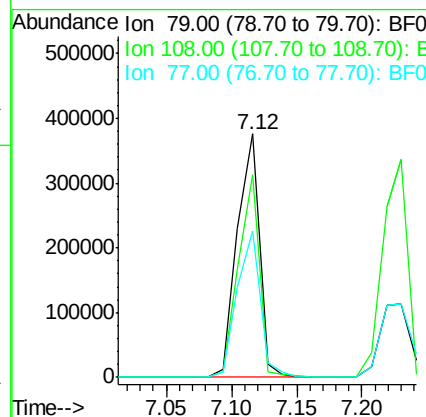
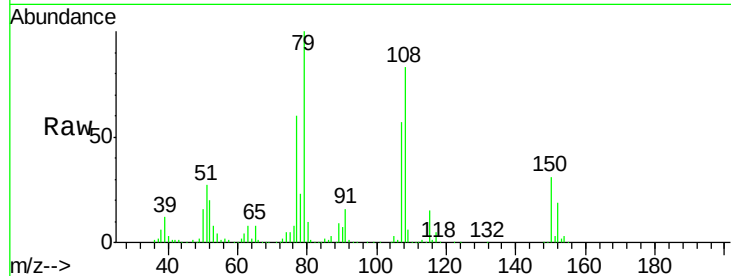
108 83.0 61.4 92.0

77 60.2 50.9 76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.27 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

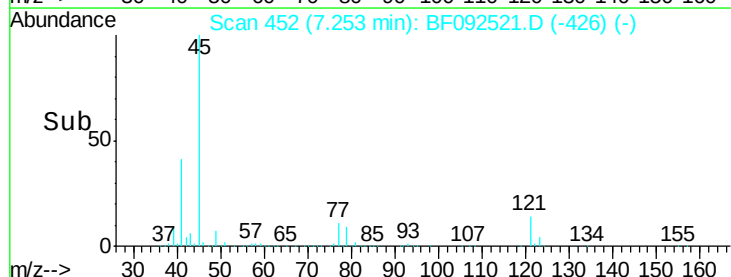
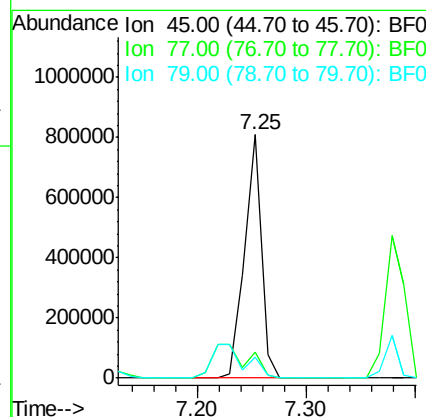
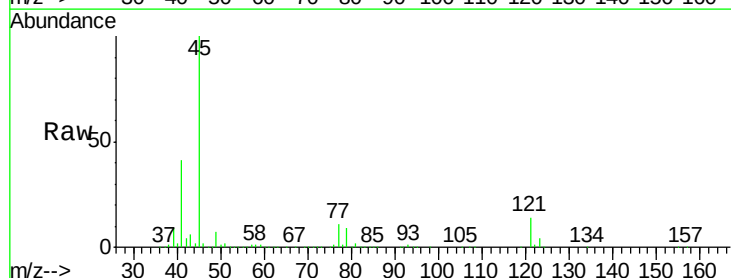
Tgt Ion: 45 Resp: 857048

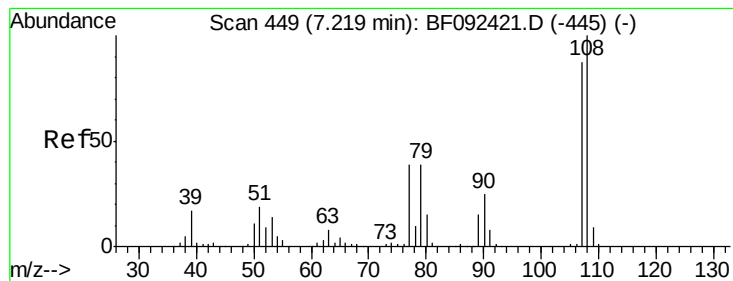
Ion Ratio Lower Upper

45 100

77 10.9 0.0 34.6

79 8.7 0.0 31.2





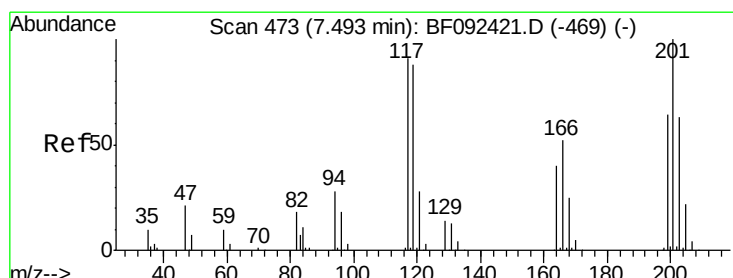
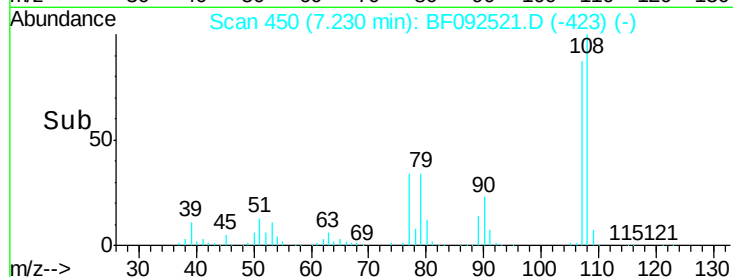
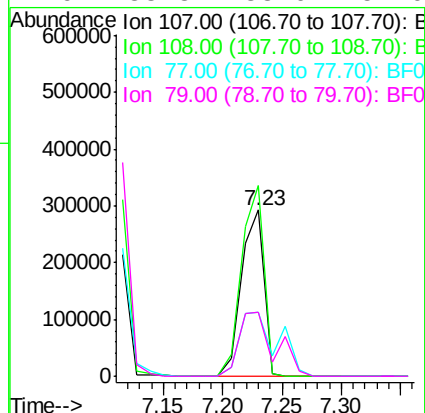
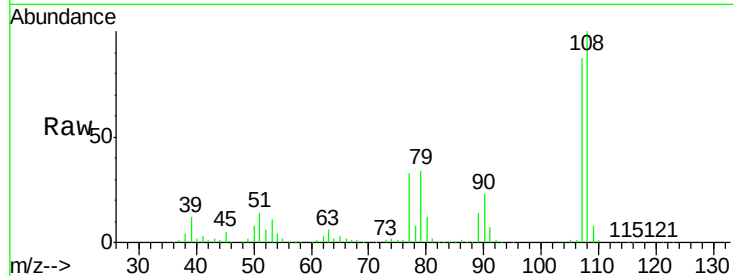
#17
2-Methylphenol
Concen: 43.86 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	93.0	139.6	
77	38.5	39.8	59.8	
79	38.8	38.0	57.0	

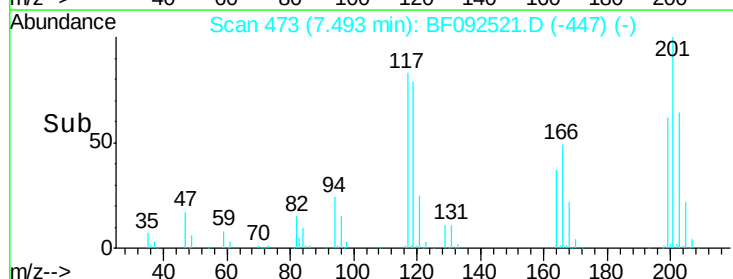
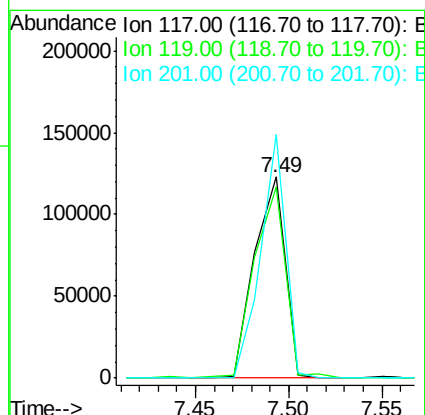
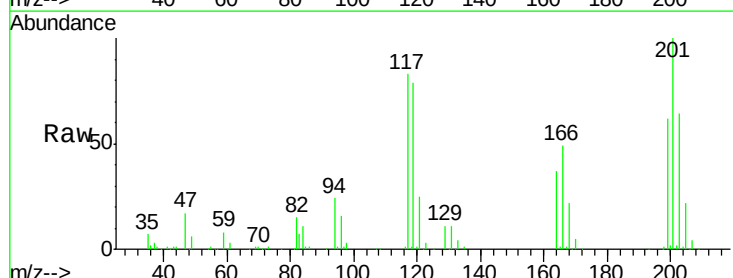
Manual Integrations
APPROVED

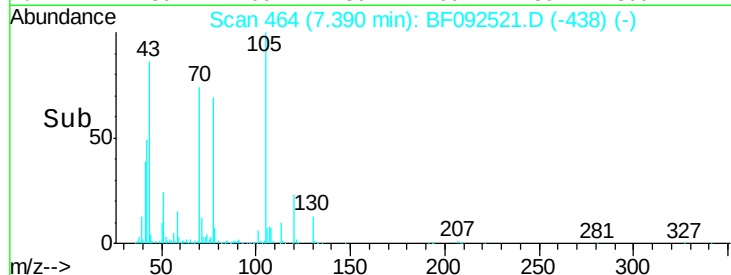
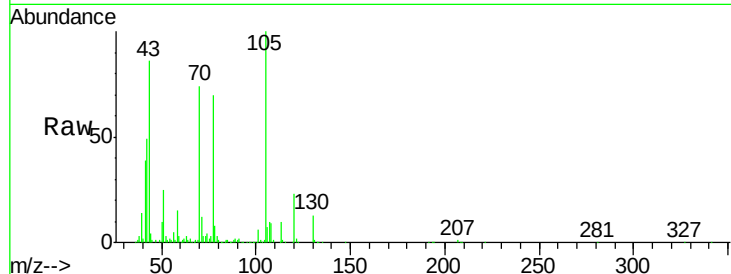
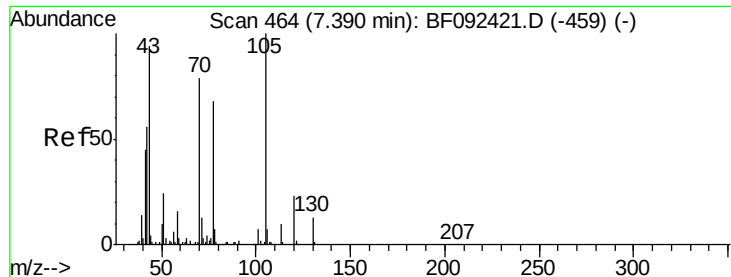
mohammad
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#18
Hexachloroethane
Concen: 32.76 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	78.1	117.1	
201	121.1	78.6	117.8	





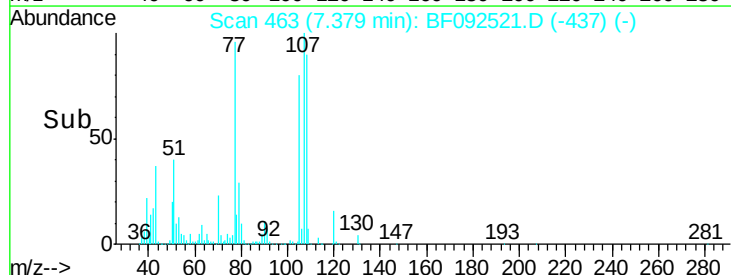
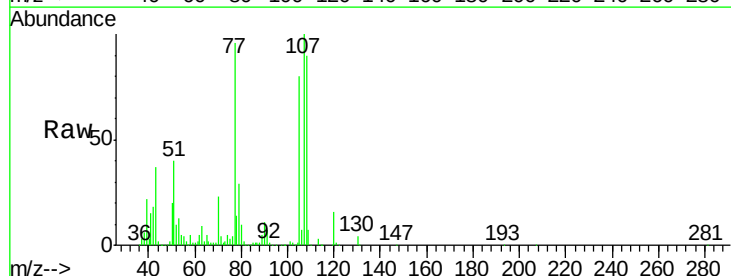
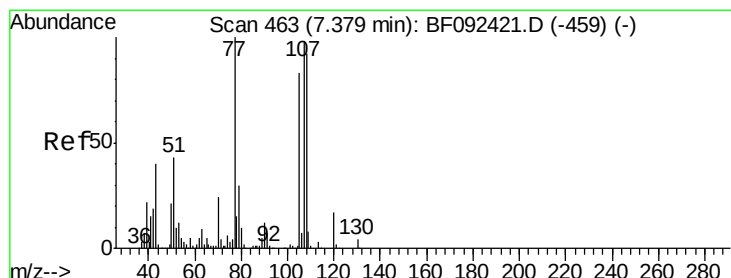
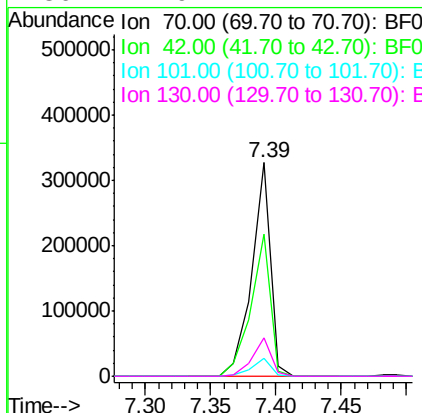
#19
n-Nitroso-di-n-propylamine
Concen: 38.46 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.6	49.4	74.0	
101	8.3	7.4	11.2	
130	17.9	14.2	21.4	

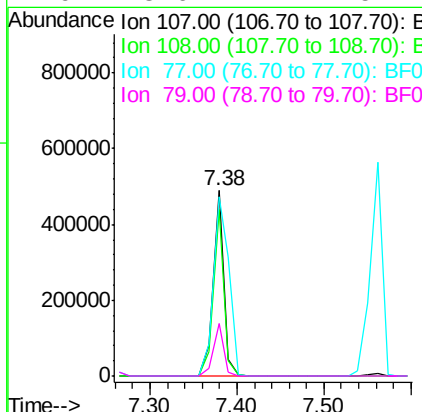
Manual Integrations
APPROVED

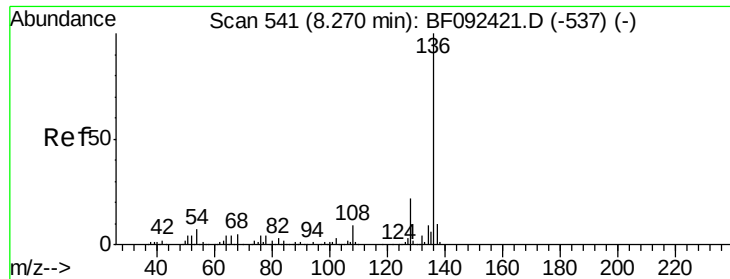
mohammad
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#20
3+4-Methylphenols
Concen: 39.67 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.5	73.0	113.0	
77	96.5	71.3	111.3	
79	28.6	11.1	51.1	





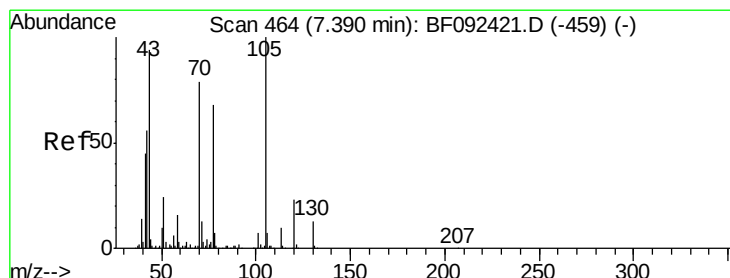
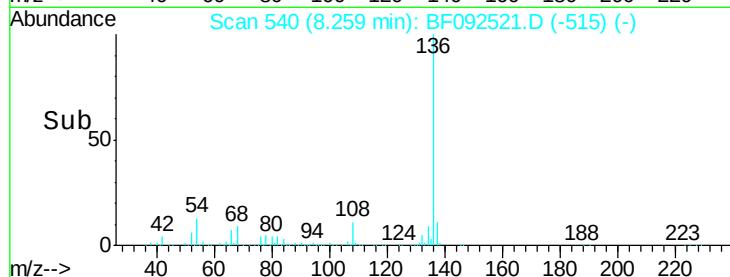
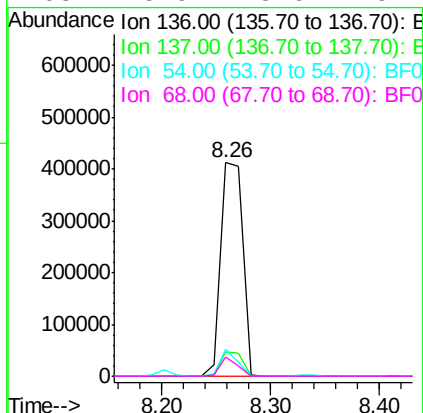
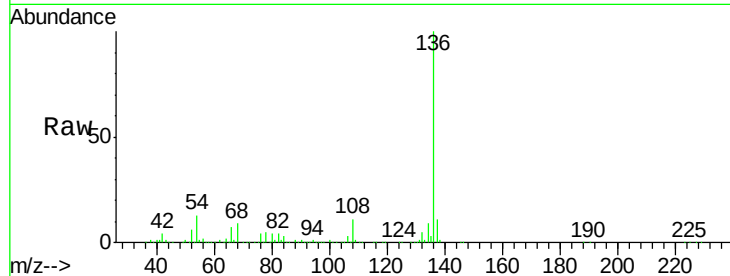
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	579415		
137	11.4		8.4	12.6
54	12.7		4.5	6.7#
68	8.9		3.6	5.4#

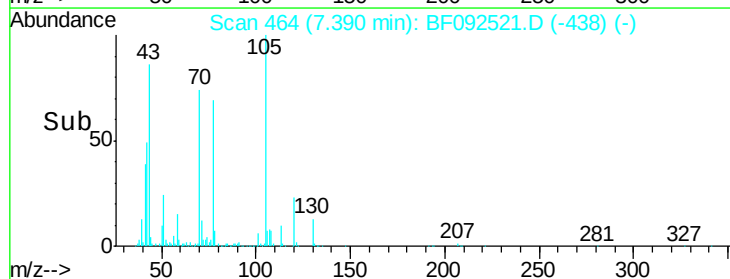
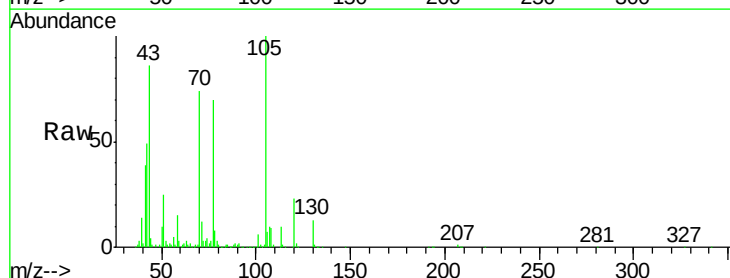
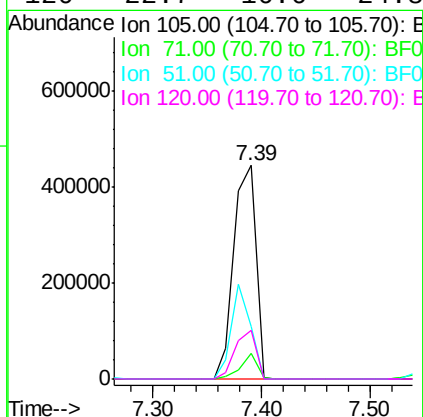
Manual Integrations
APPROVED

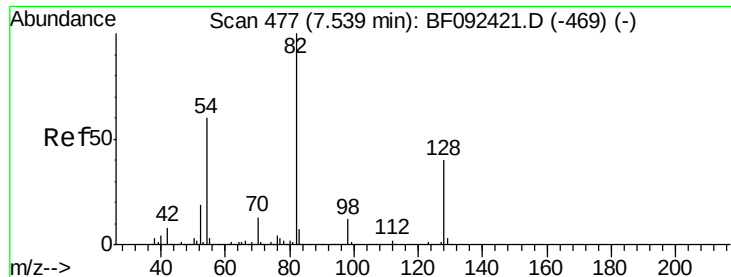
mohammad
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#22
Acetophenone
Concen: 44.96 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	620425		
71	12.2		3.2	4.8#
51	24.8		26.2	39.4#
120	22.7		16.6	24.8





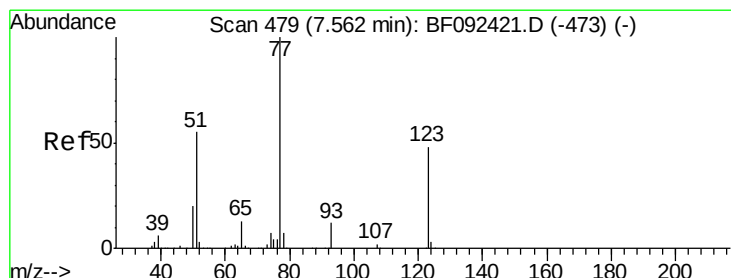
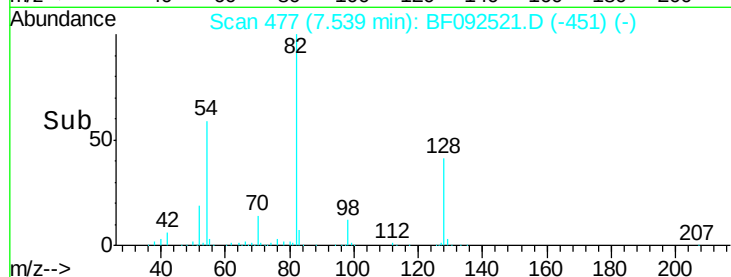
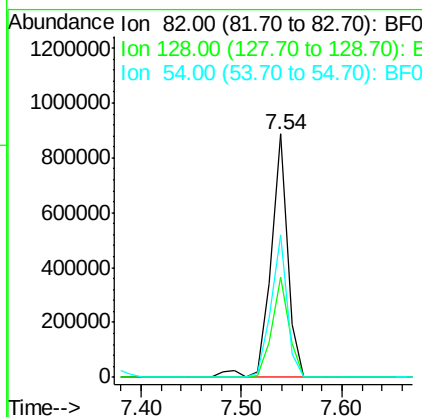
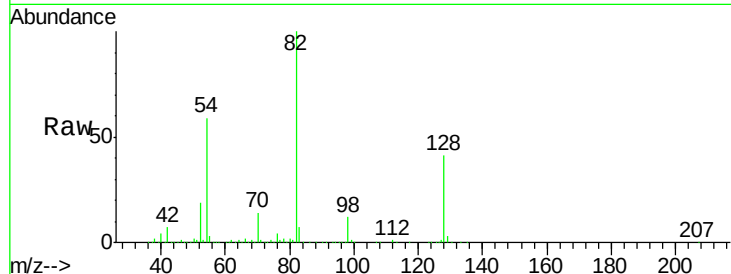
#23
Nitrobenzene-d5
Concen: 96.47 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.6	52.0
54	58.8	39.5	59.3

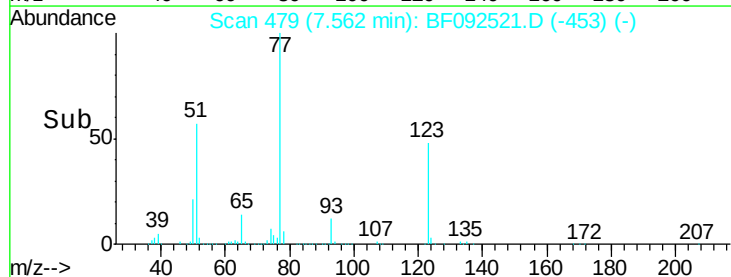
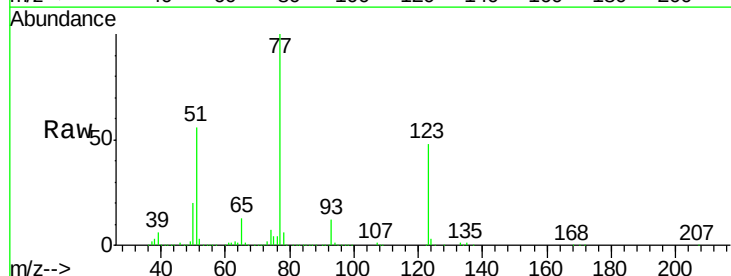
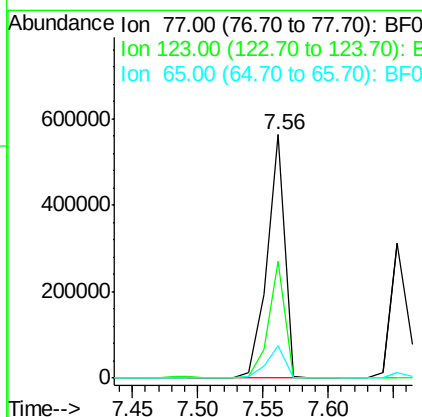
Manual Integrations
APPROVED

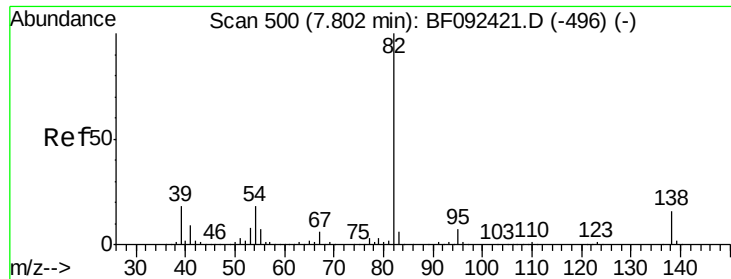
mohammad
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#24
Nitrobenzene
Concen: 47.79 ng
RT: 7.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 42.42 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion: 82 Resp: 886656

Ion Ratio Lower Upper

82 100

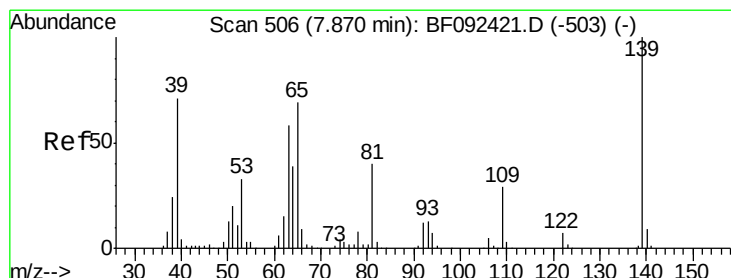
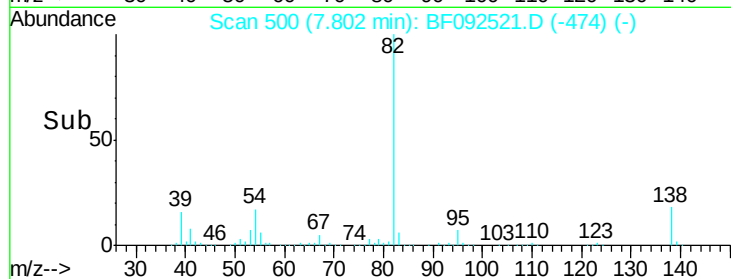
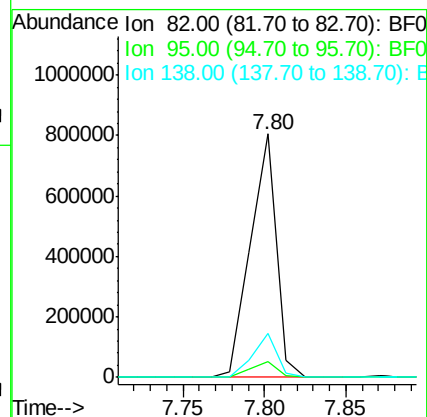
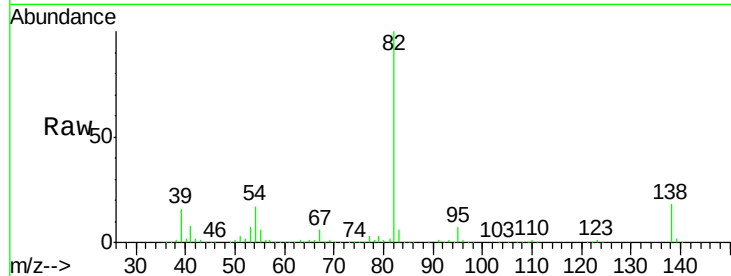
95 6.7 5.6 8.4

138 17.9 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.91 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

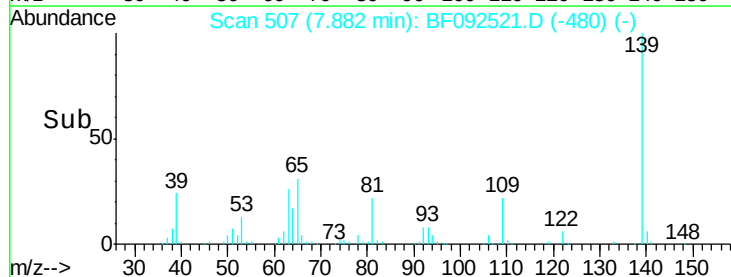
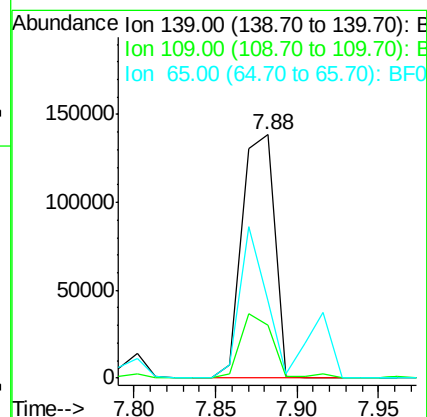
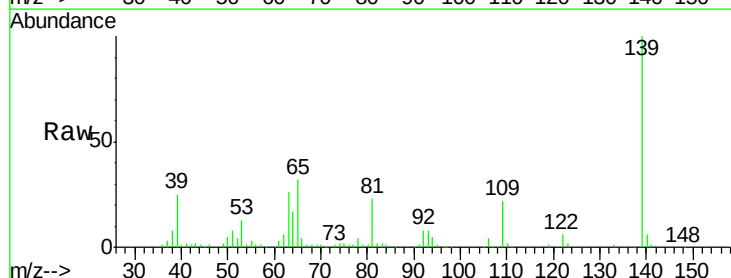
Tgt Ion: 139 Resp: 190510

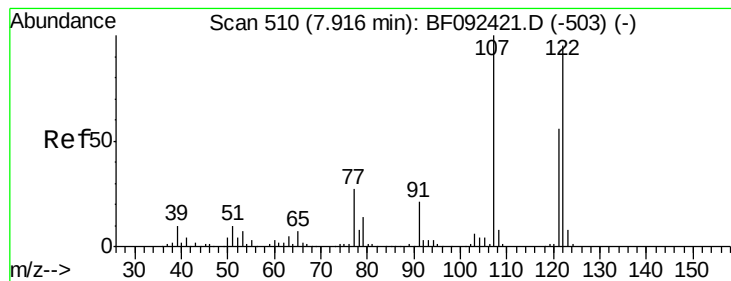
Ion Ratio Lower Upper

139 100

109 21.5 23.3 34.9#

65 31.7 42.7 64.1#





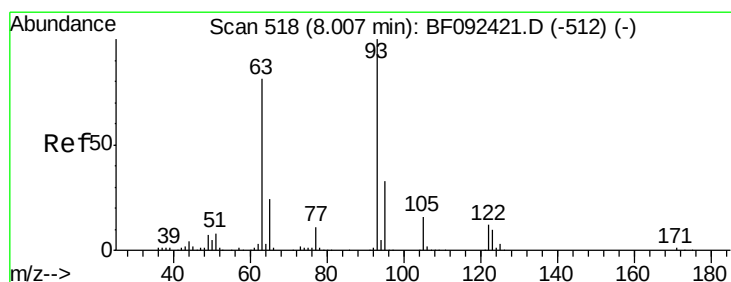
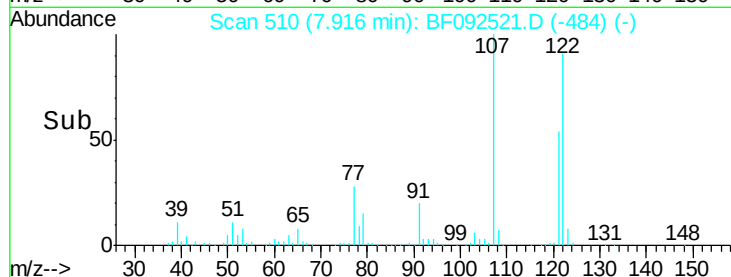
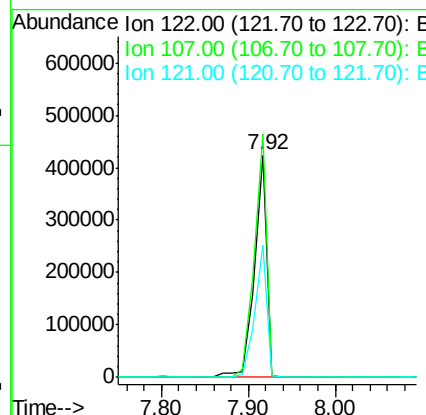
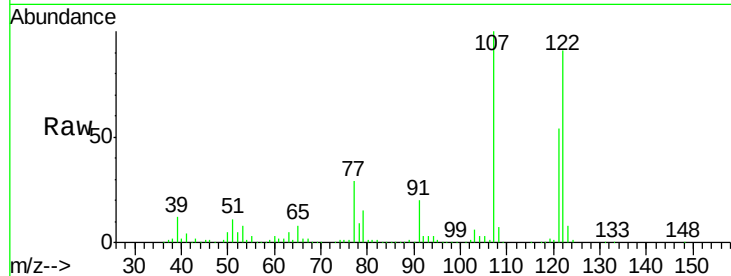
#27
 2,4-Dimethylphenol
 Concen: 43.76 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	94.1	141.1
121	59.4	46.0	69.0

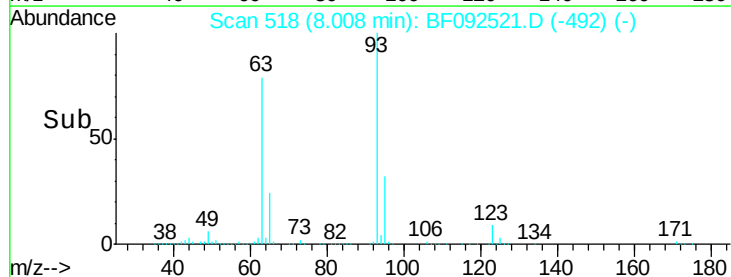
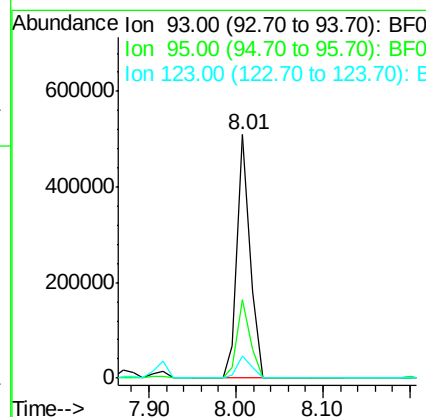
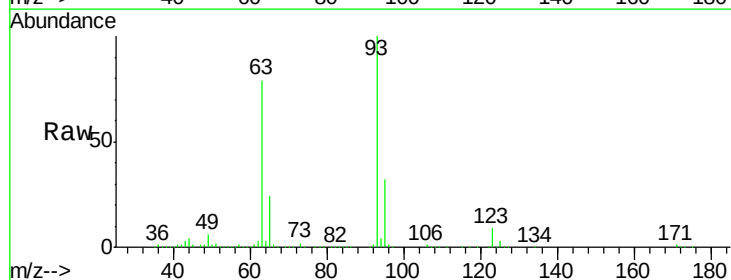
Manual Integrations
 APPROVED

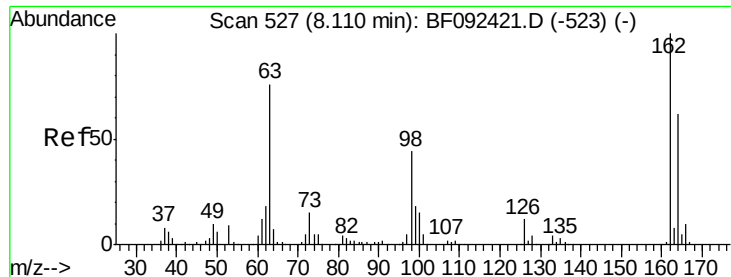
mohammad
 1/27/2017 3:02:11 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.16 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.5	39.7
123	9.3	8.6	13.0





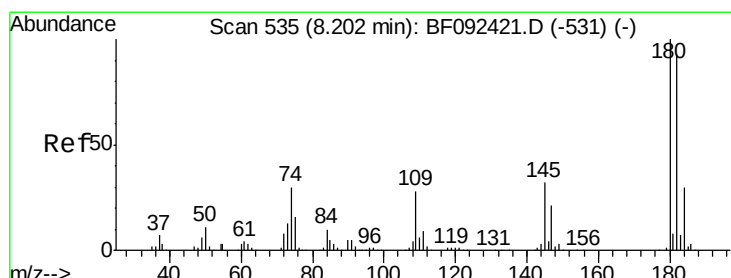
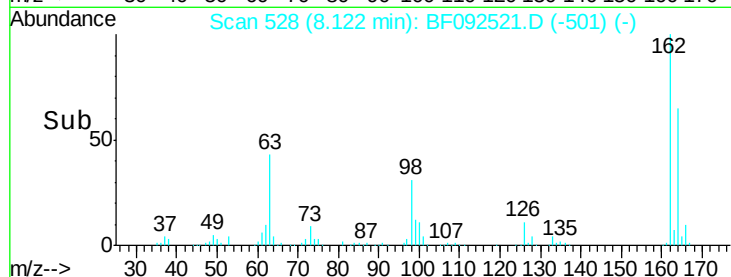
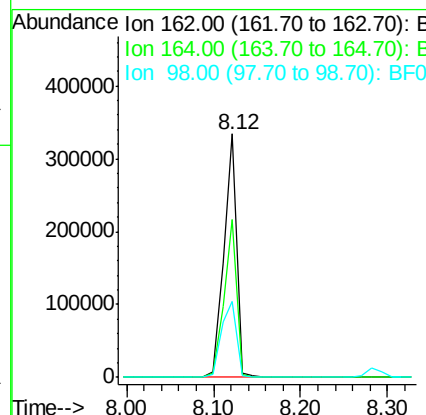
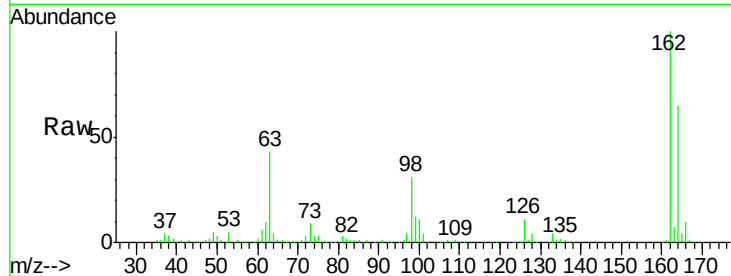
#29
 2,4-Dichlorophenol
 Concen: 41.77 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	46.8	86.8
98	31.4	9.1	49.1

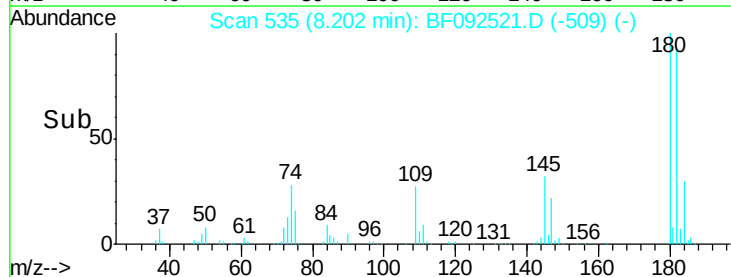
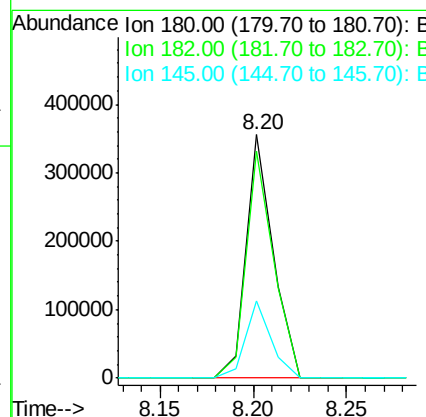
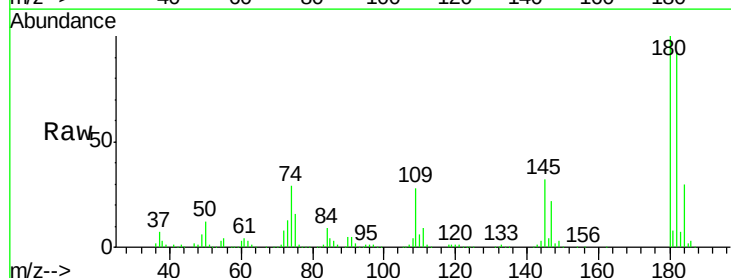
Manual Integrations
 APPROVED

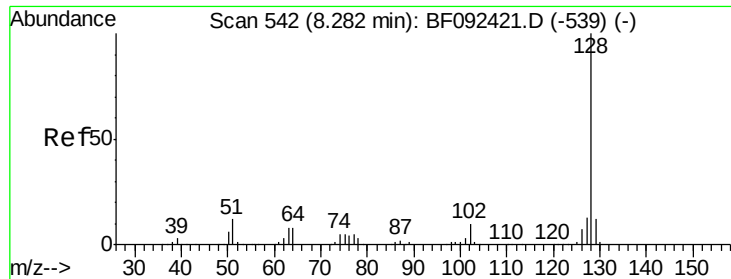
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.49 ng
 RT: 8.20 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	78.2	117.4
145	31.8	21.6	32.4





#31

Naphthalene

Concen: 38.19 ng

RT: 8.28 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion:128 Resp: 1132636

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

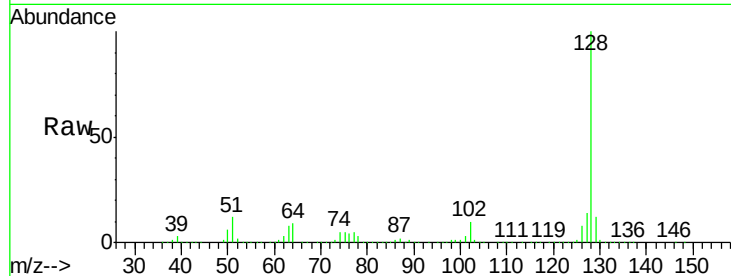
127 13.7 10.8 16.2

Manual Integrations

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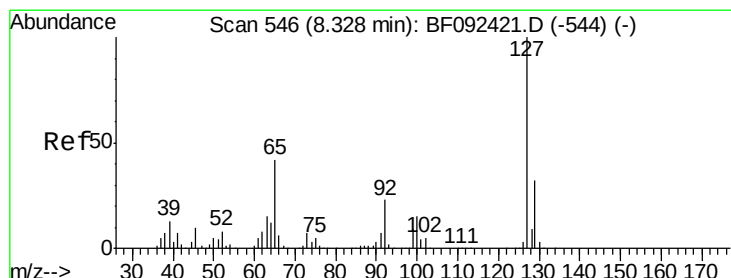
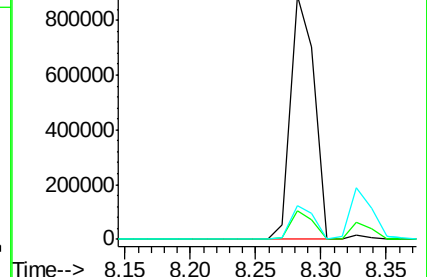
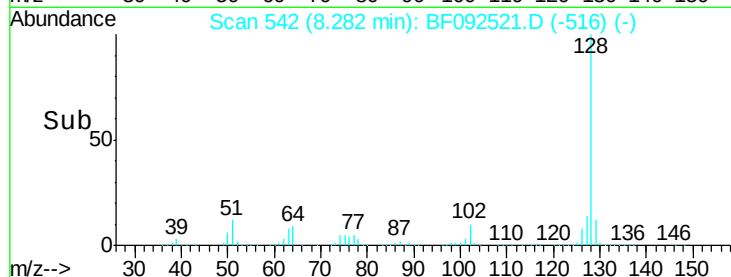
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 18.76 ng

RT: 8.33 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Tgt Ion:127 Resp: 235311

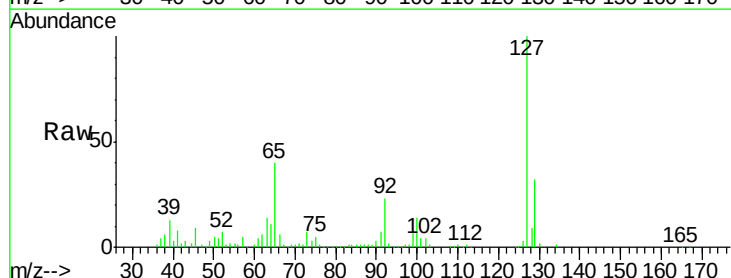
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 40.0 25.8 38.8#

92 22.8 16.1 24.1

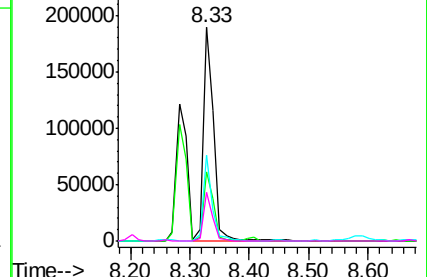
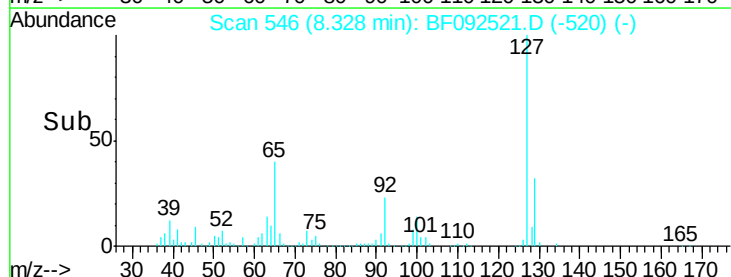


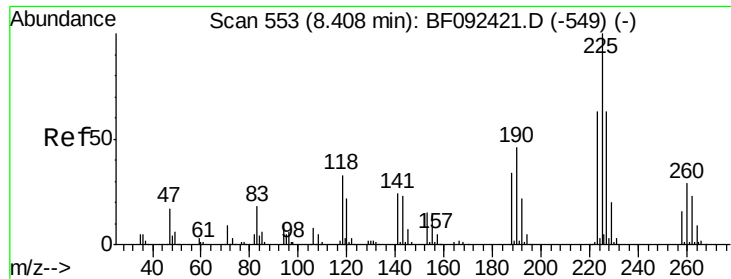
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 41.91 ng

RT: 8.41 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

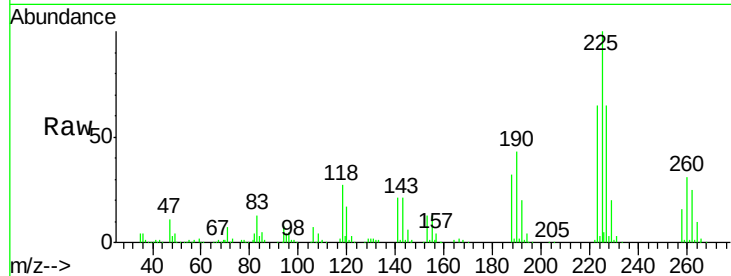
CHA-SB-01-0-2MS

Tot Ion:	225	Resp:	208029
Ion Ratio	Lower	Upper	
225	100		
223	65.0	51.0	76.6
227	64.5	50.6	76.0

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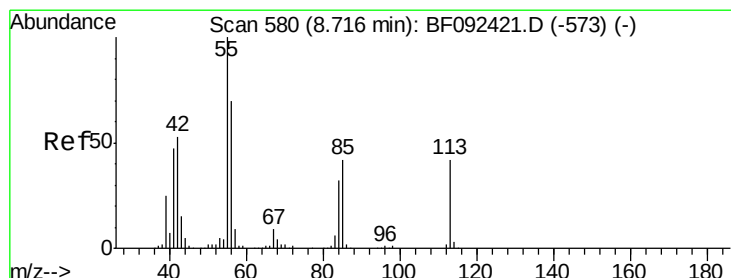
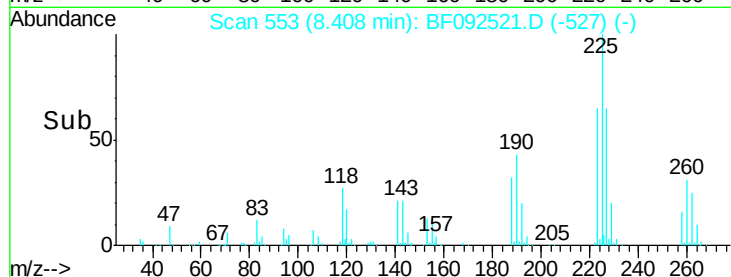
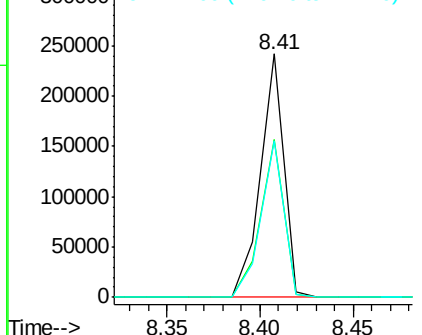
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 36.16 ng

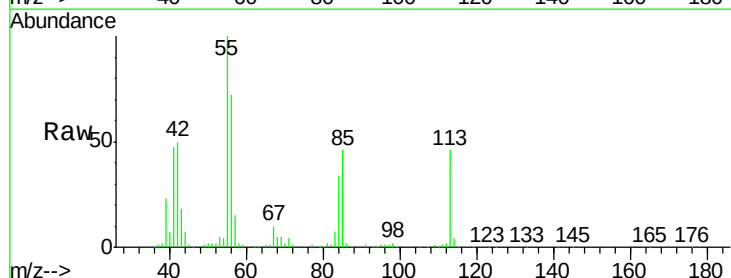
RT: 8.69 min Scan# 578

Delta R.T. -0.02 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

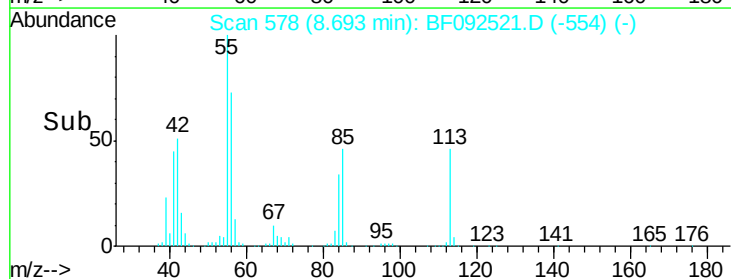
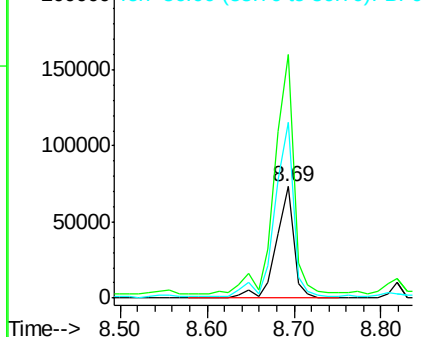
Tgt Ion:	113	Resp:	101381
Ion Ratio	Lower	Upper	
113	100		
55	218.2	119.2	159.2#
56	158.1	83.8	123.8#

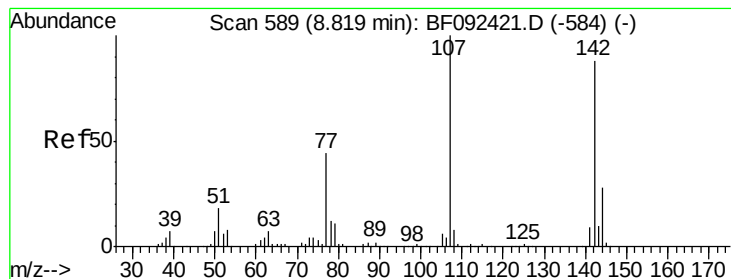


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





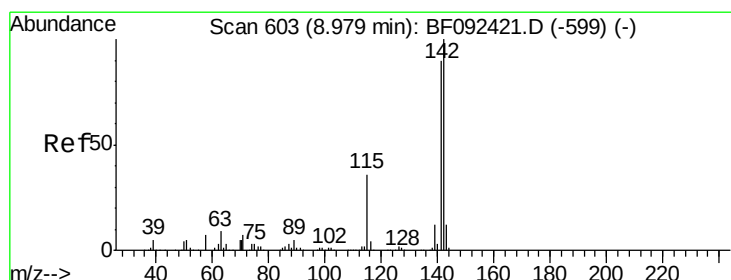
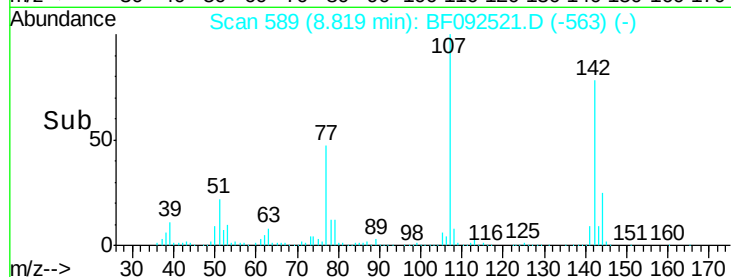
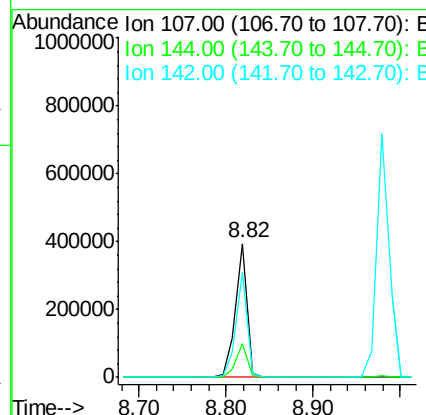
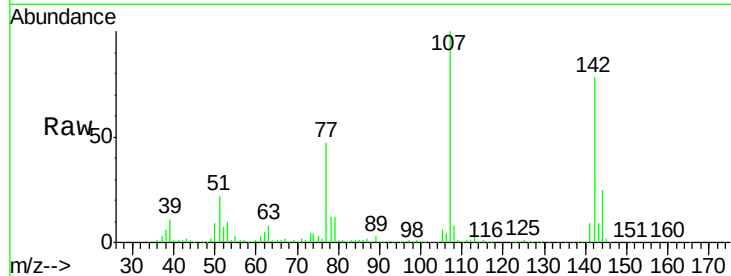
#36
4-Chloro-3-methylphenol
Concen: 40.67 ng
RT: 8.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.7	19.3	28.9
142	78.2	59.0	88.6

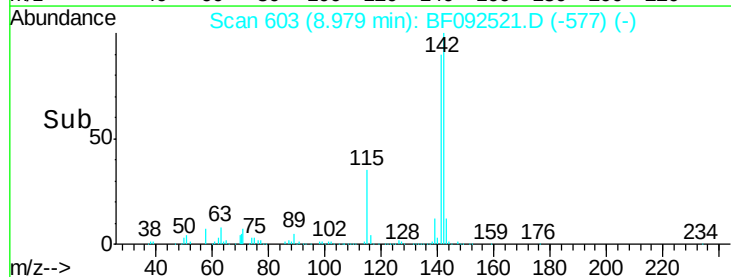
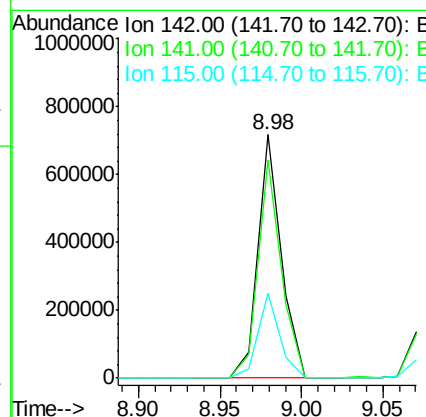
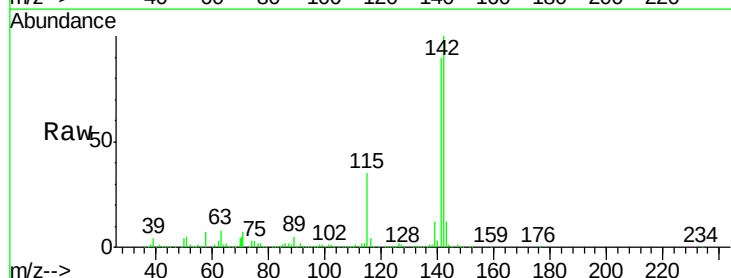
Manual Integrations
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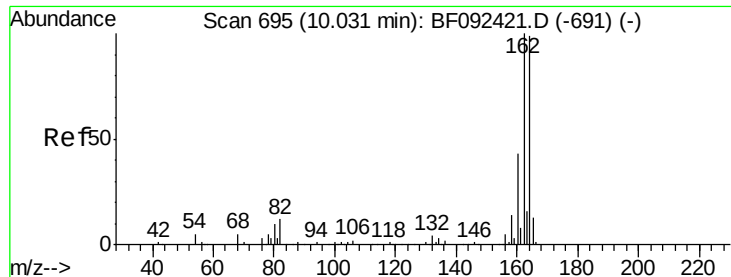
mohammad
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#37
2-Methylnaphthalene
Concen: 38.08 ng
RT: 8.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	35.1	28.3	42.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion:164 Resp: 268126
Ion Ratio Lower Upper

164 100

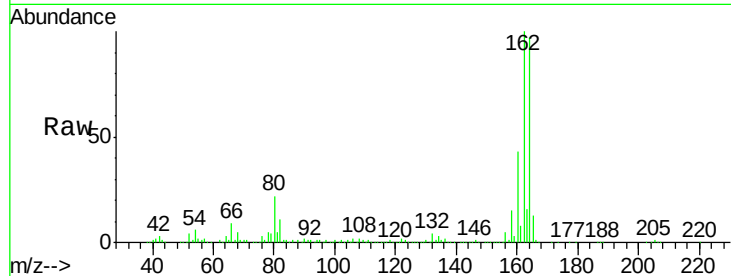
162 102.9 80.2 120.2

160 44.0 36.9 55.3

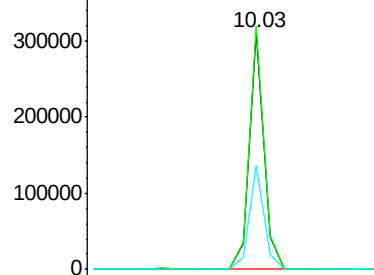
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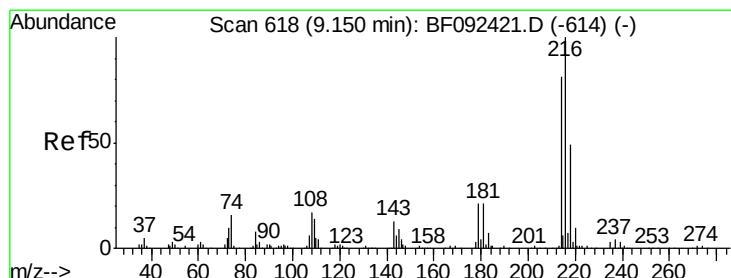
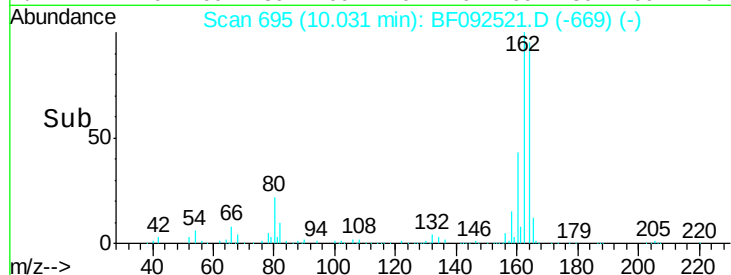
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.38 ng

RT: 9.15 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

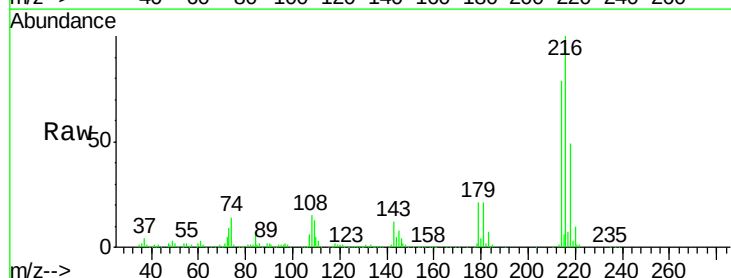
Tgt Ion:216 Resp: 361008
Ion Ratio Lower Upper

216 100

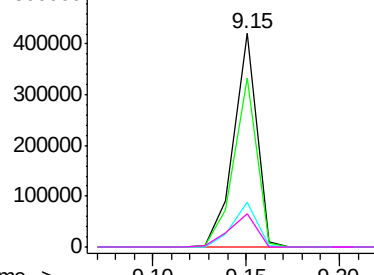
214 79.4 63.4 95.0

179 22.2 17.4 26.2

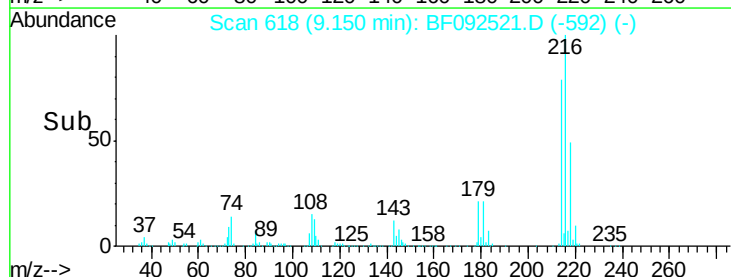
108 18.3 15.6 23.4

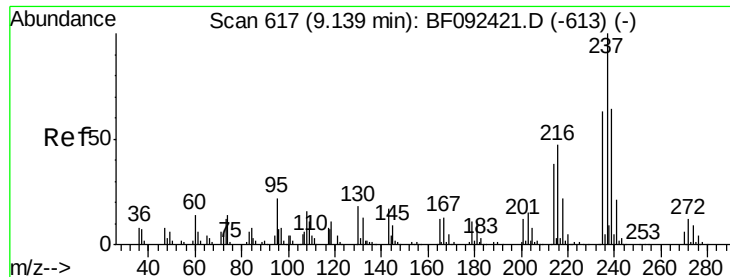


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



Time-->





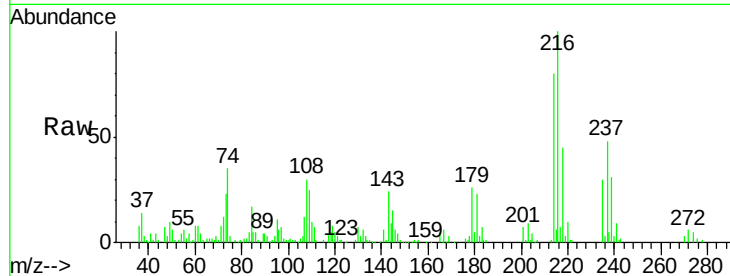
#40
Hexachlorocyclopentadiene
Concen: 13.52 ng
RT: 9.14 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

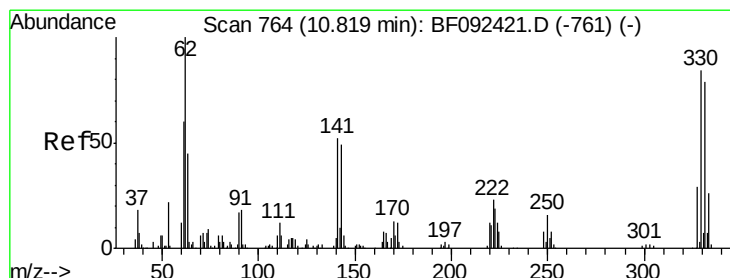
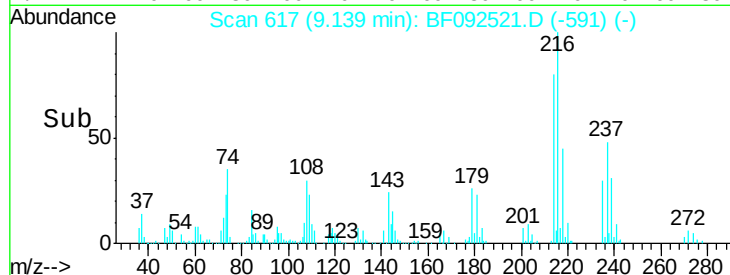
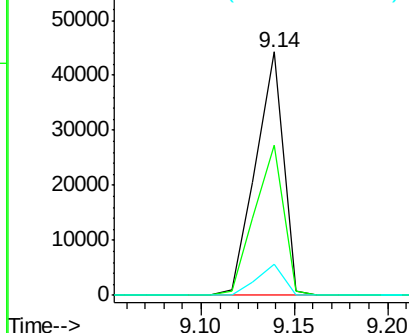
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.5	41.2	81.2	
272	13.0	0.0	35.4	

Manual Integrations
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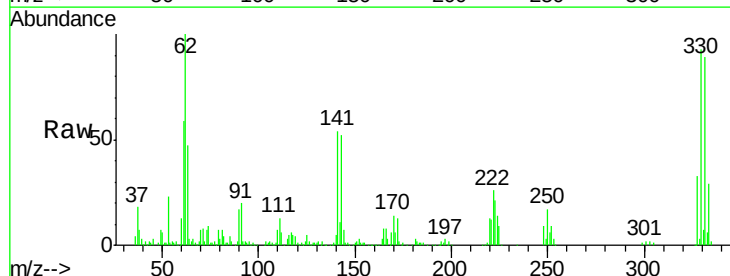


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

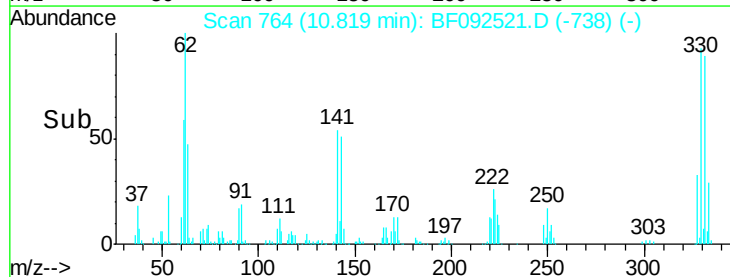
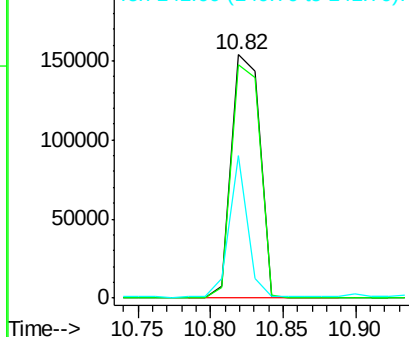


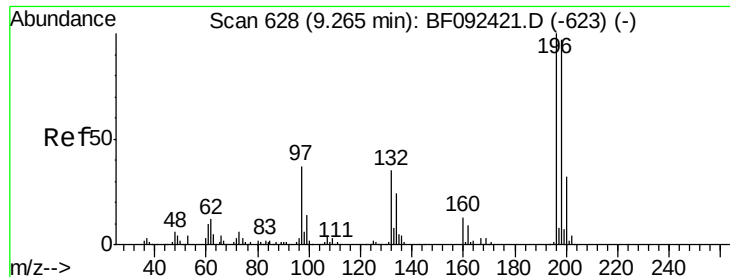
#41
2,4,6-Tribromophenol
Concen: 115.24 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.4	116.2	
141	37.7	34.1	51.1	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 36.63 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

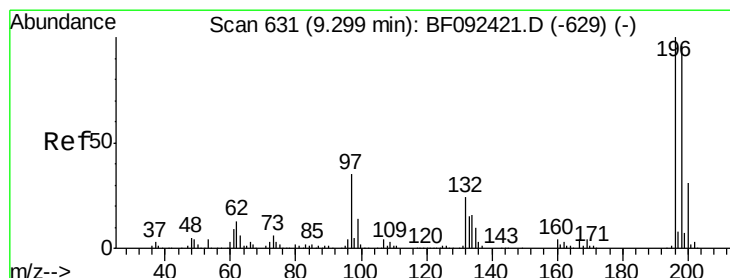
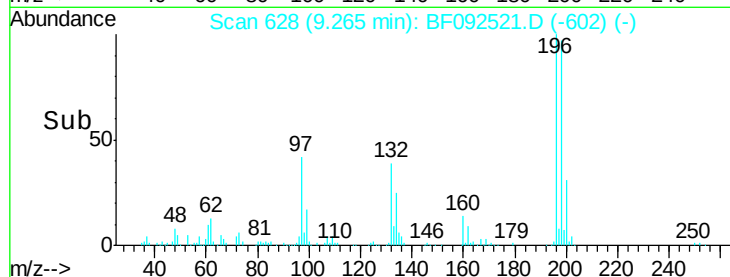
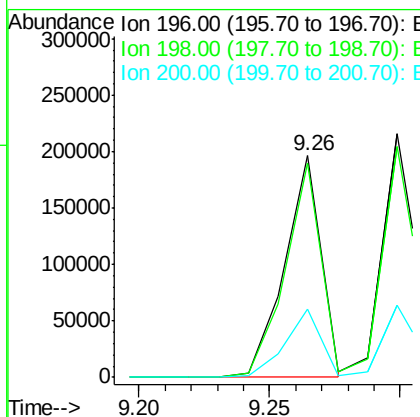
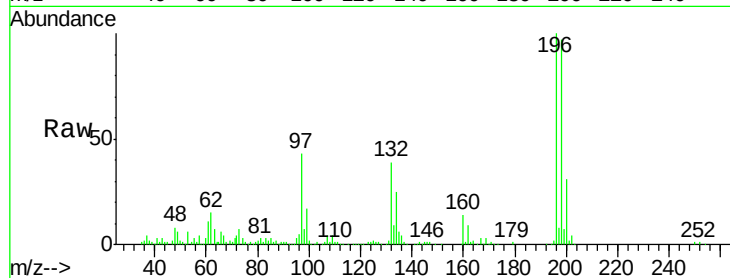
CHA-SB-01-0-2MS

Tot Ion:	196	Resp:	189826
Ion Ratio	Lower	Upper	
196	100		
198	96.8	82.1	123.1
200	30.8	27.0	40.4

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 41.37 ng

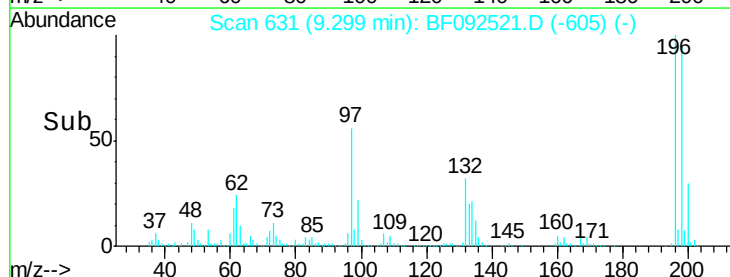
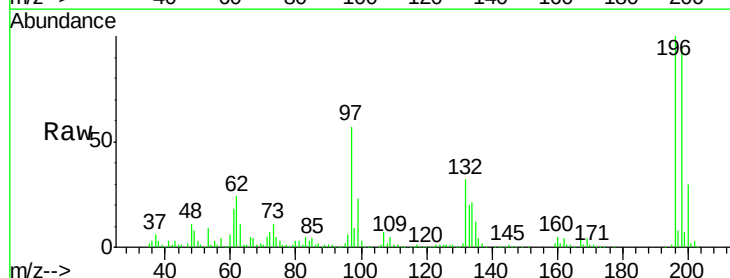
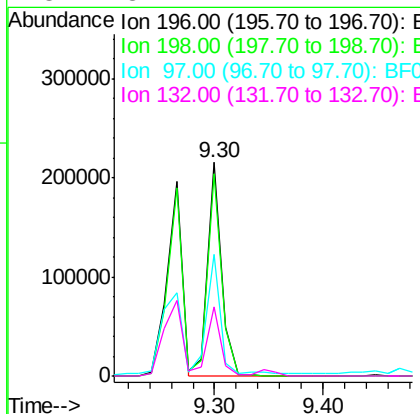
RT: 9.30 min Scan# 631

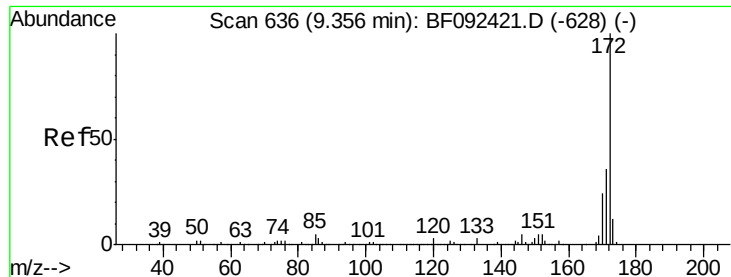
Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Tgt Ion:	196	Resp:	196171
Ion Ratio	Lower	Upper	
196	100		
198	94.6	79.4	119.2
97	57.0	51.5	77.3
132	32.2	27.4	41.2





#44

2-Fluorobiphenyl

Concen: 107.75 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion:172 Resp: 1562326

Ion Ratio Lower Upper

172 100

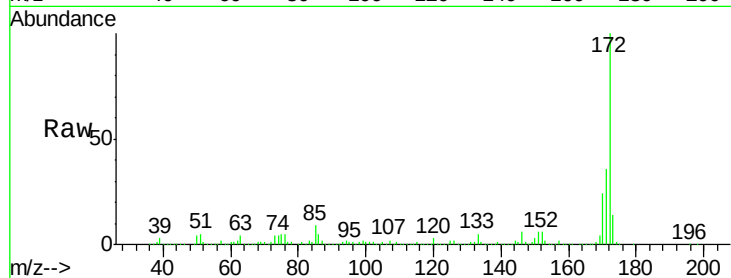
171 36.3 29.4 44.0

170 24.0 20.2 30.4

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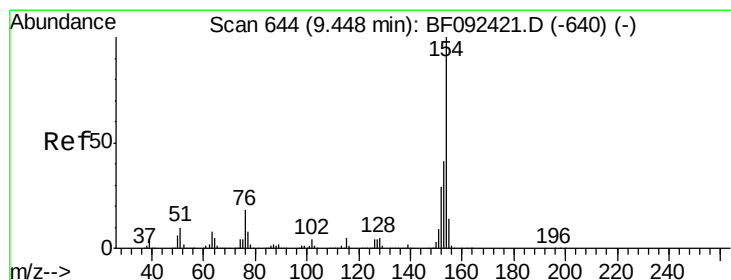
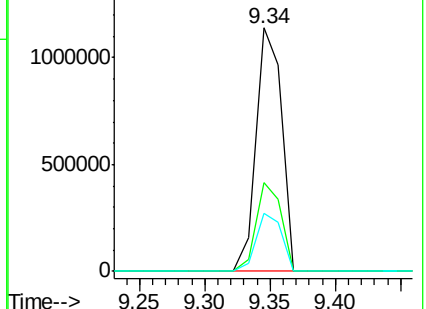
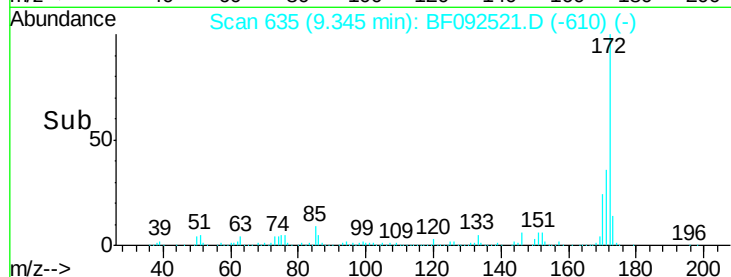
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 43.52 ng

RT: 9.45 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

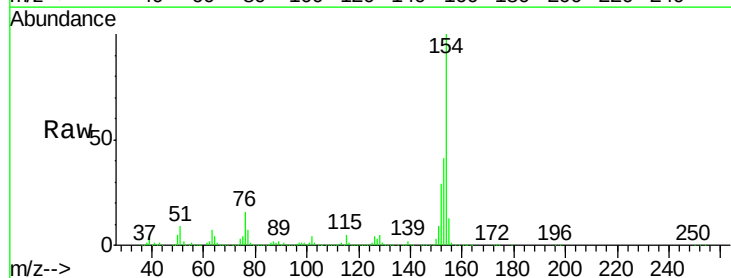
Tgt Ion:154 Resp: 843568

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

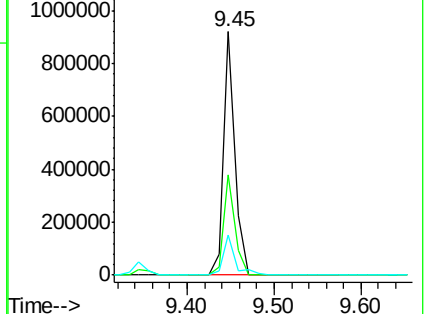
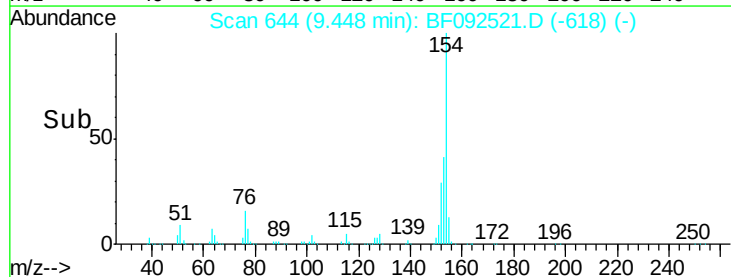
76 16.4 0.0 30.5

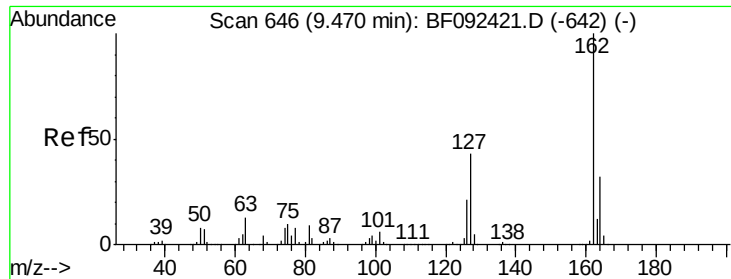


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





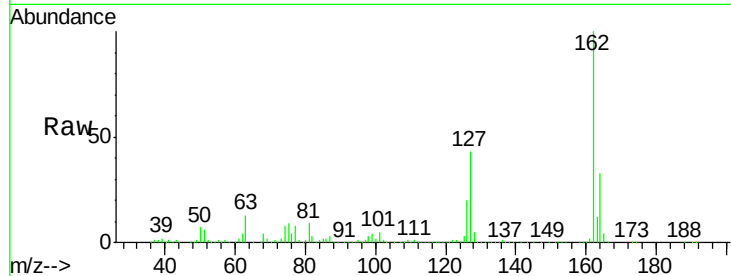
#46
2-Chloronaphthalene
Concen: 41.51 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

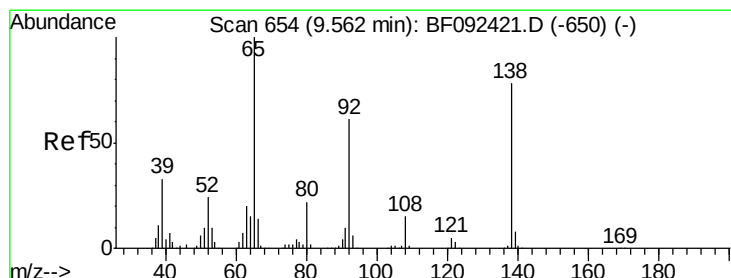
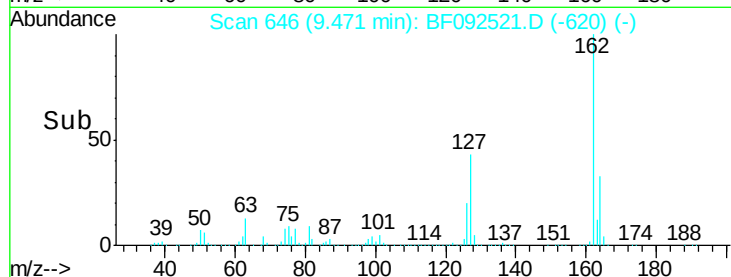
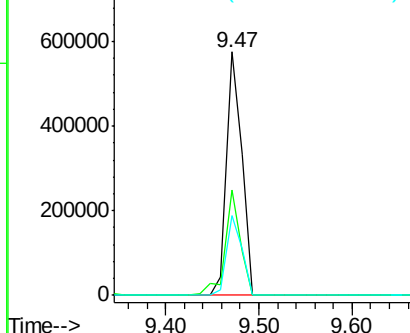
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.1	30.7	46.1
164	32.5	27.6	41.4

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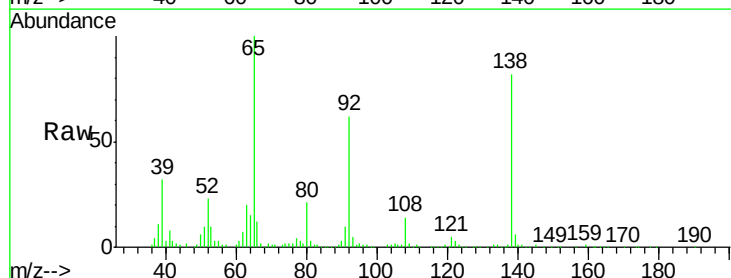


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

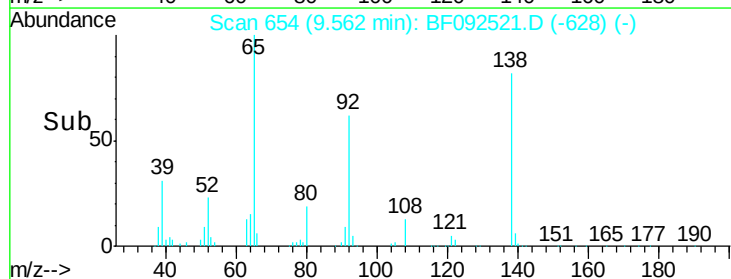
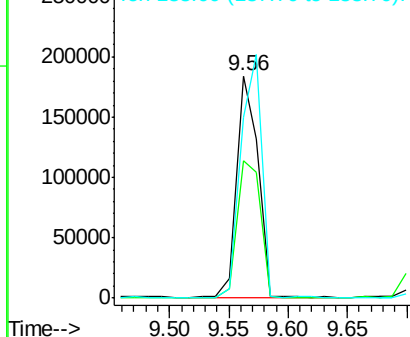


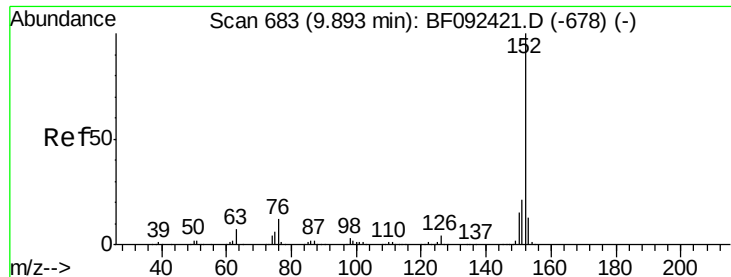
#47
2-Nitroaniline
Concen: 43.16 ng
RT: 9.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.7	53.9	80.9
138	81.6	76.8	115.2



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): E





#48

Acenaphthylene

Concen: 45.47 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

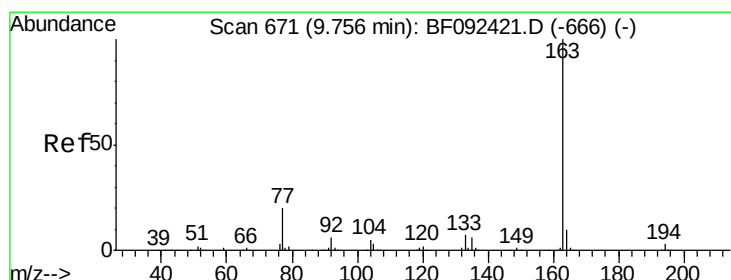
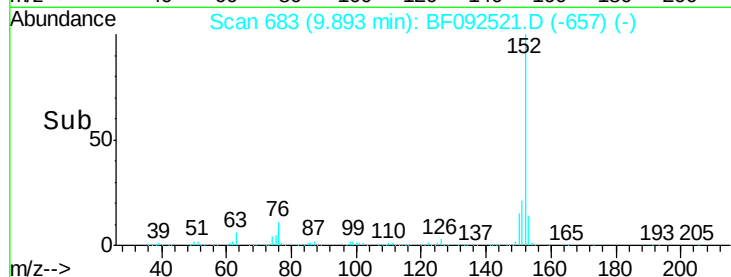
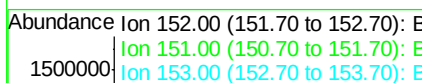
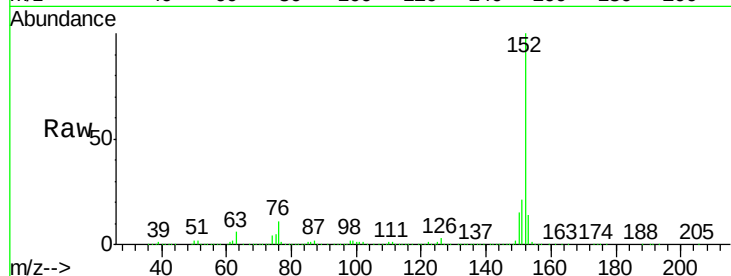
CHA-SB-01-0-2MS

Tot Ion:	152	Resp:	1055812
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.5	11.4	17.2

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#49

Dimethylphthalate

Concen: 53.36 ng

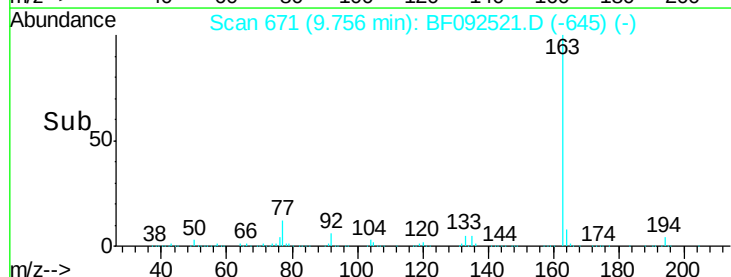
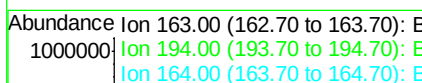
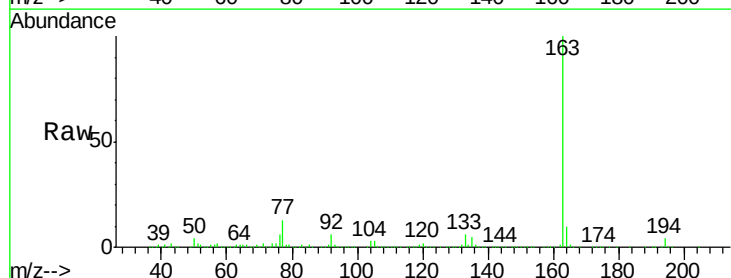
RT: 9.76 min Scan# 671

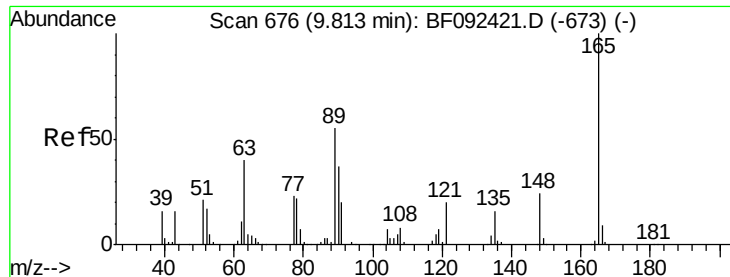
Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Tgt Ion:	163	Resp:	909815
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.6	8.0	12.0





#50

2,6-Dinitrotoluene

Concen: 49.25 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion:165 Resp: 171629

Ion Ratio Lower Upper

165 100

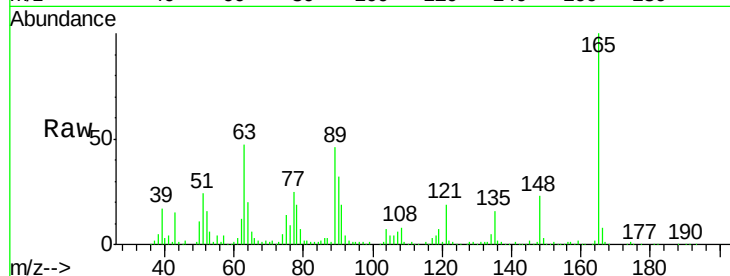
63 46.6 36.2 54.4

89 46.5 40.2 60.4

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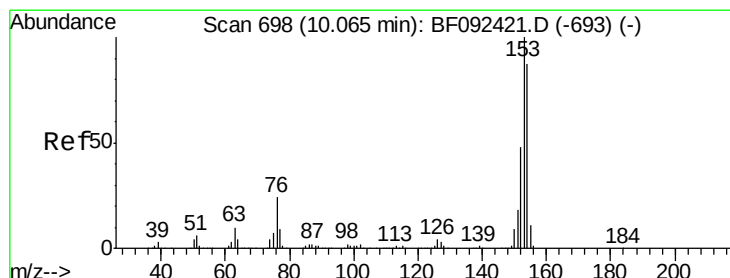
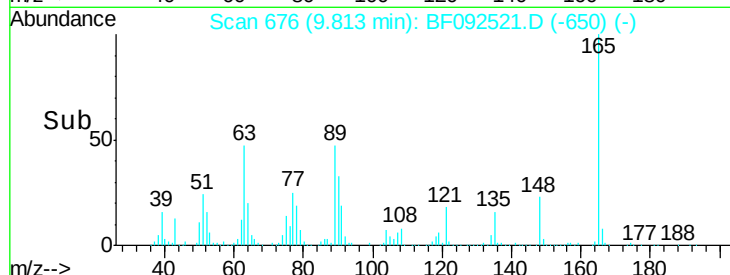
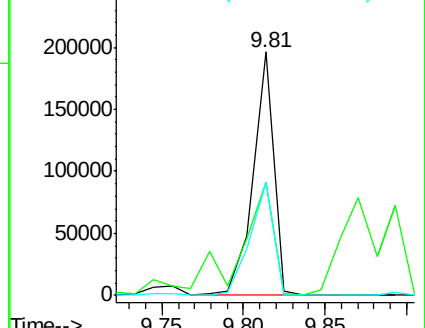
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 40.59 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

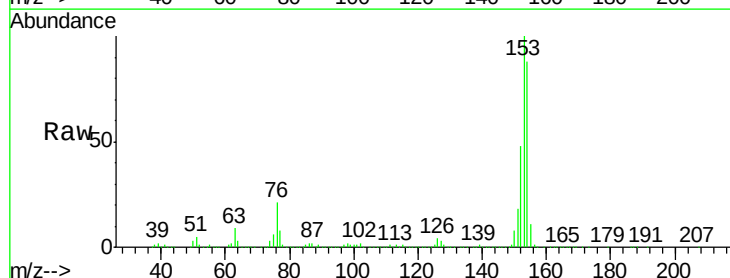
Tgt Ion:154 Resp: 585604

Ion Ratio Lower Upper

154 100

153 113.8 88.6 133.0

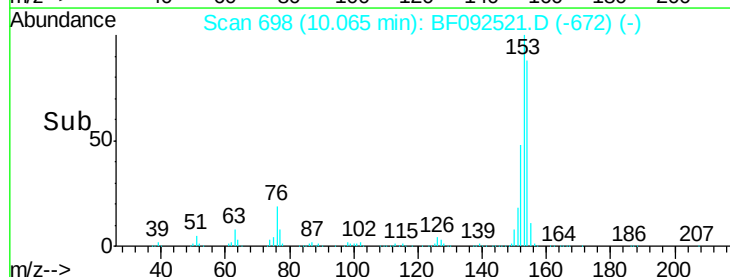
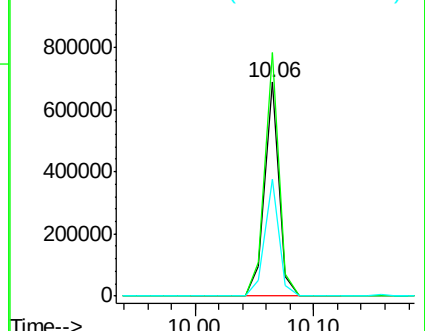
152 54.5 41.6 62.4

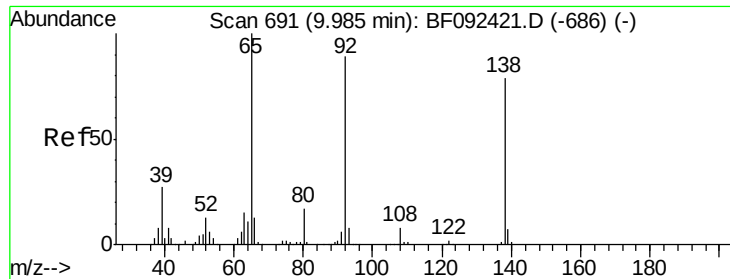


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 40.26 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

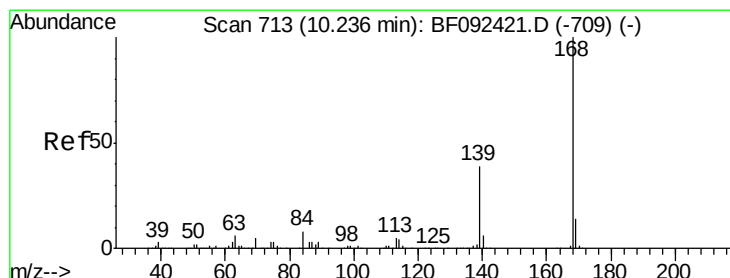
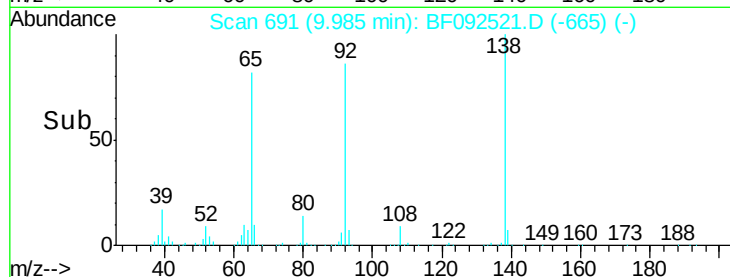
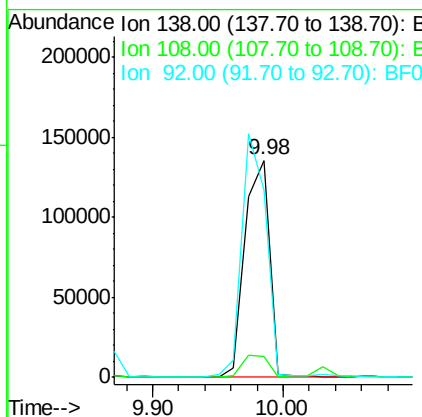
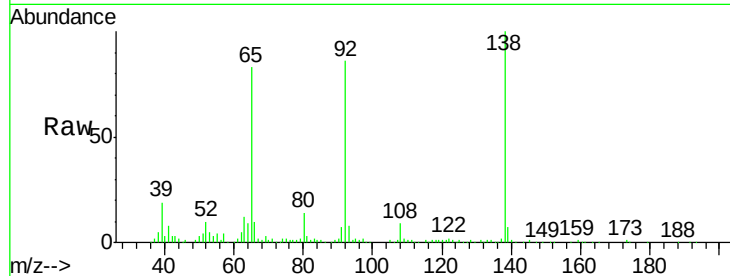
ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion:	138	Resp:	175730
Ion Ratio	Lower	Upper	
138	100		
108	9.4	8.5	12.7
92	86.3	97.8	146.8#

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#54

Dibenzofuran

Concen: 44.47 ng

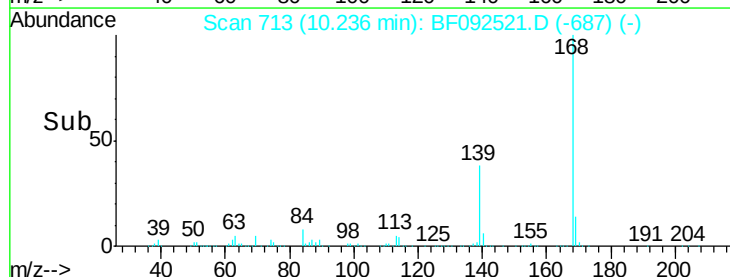
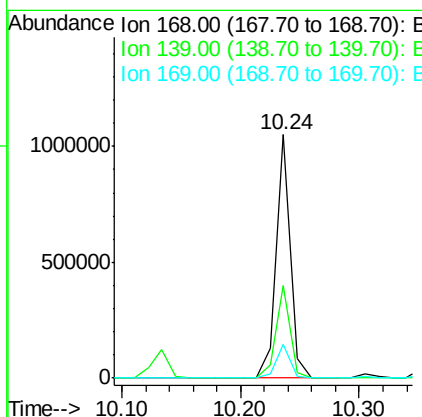
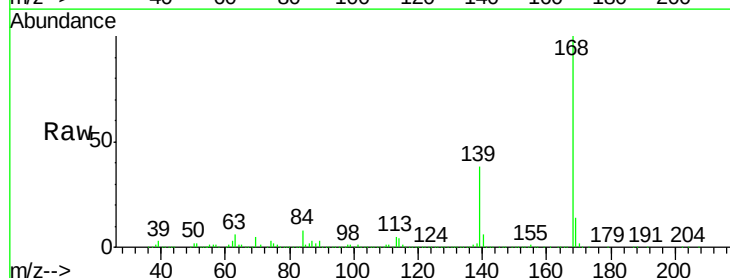
RT: 10.24 min Scan# 713

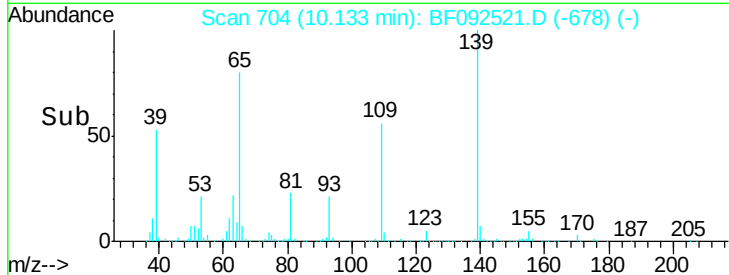
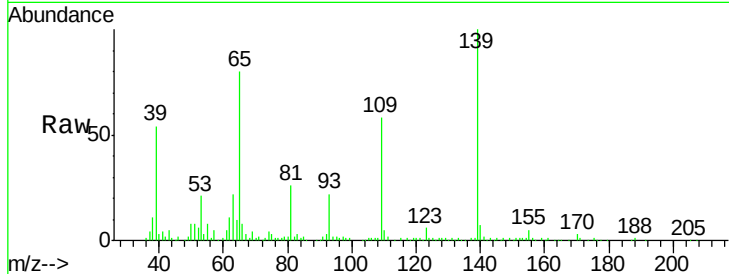
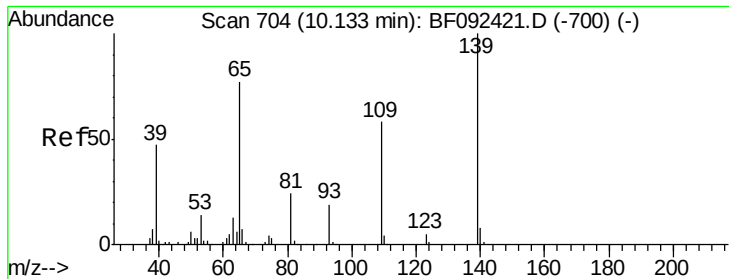
Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Tgt Ion:	168	Resp:	871162
Ion Ratio	Lower	Upper	
168	100		
139	38.1	32.6	49.0
169	14.0	11.3	16.9





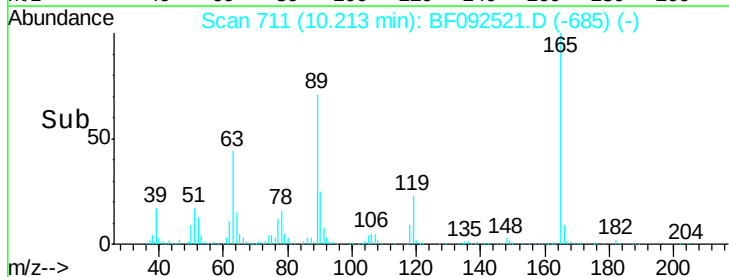
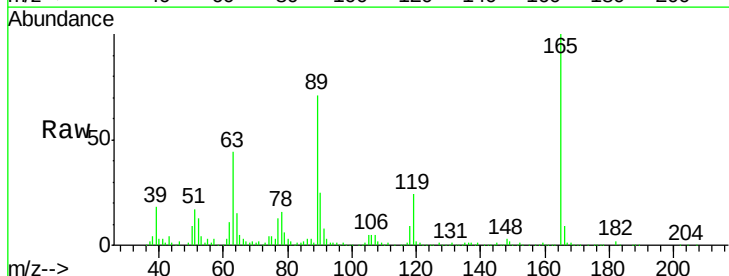
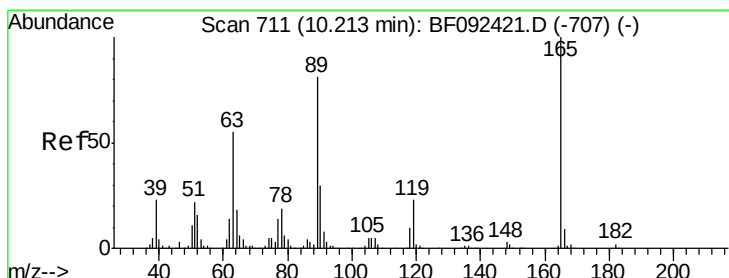
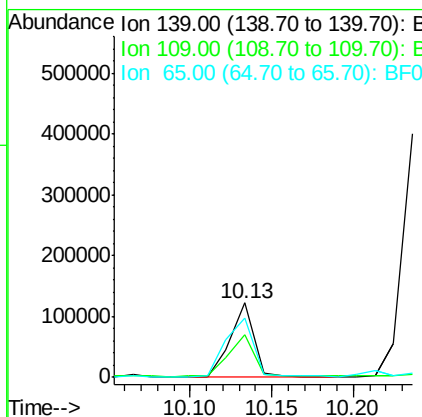
#55
4-Nitrophenol
Concen: 34.87 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tot Ion	Ratio	Resp	Lower	Upper
139	100	120869		
109	57.7	52.2	92.2	
65	80.2	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

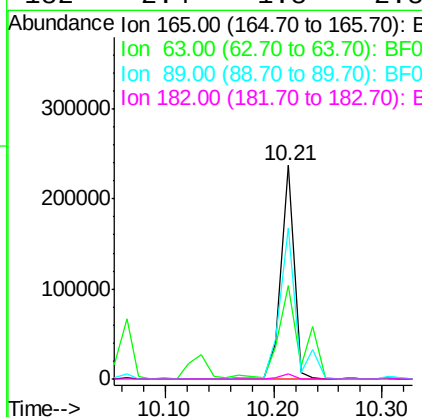
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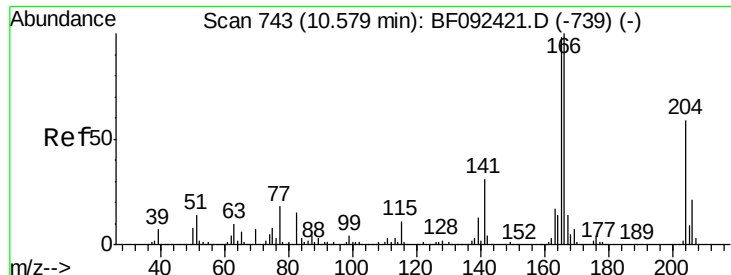
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#56
2,4-Dinitrotoluene
Concen: 42.58 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196952		
63	44.0	40.2	60.4	
89	70.6	62.5	93.7	
182	2.4	1.8	2.8	





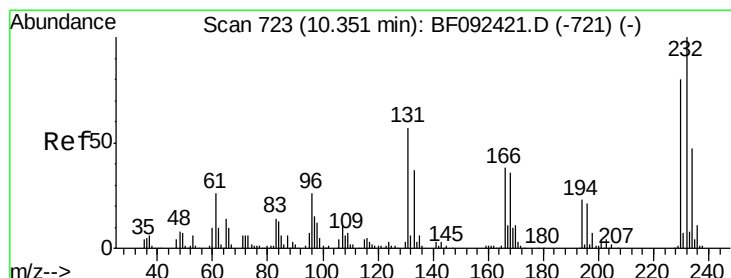
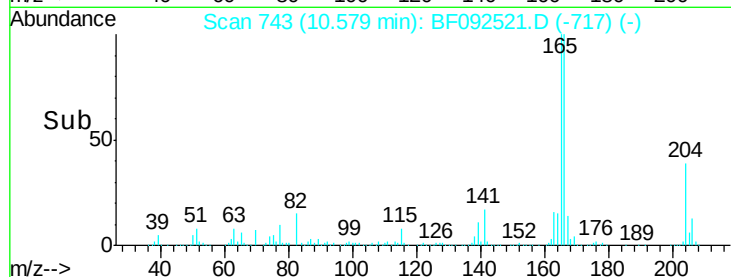
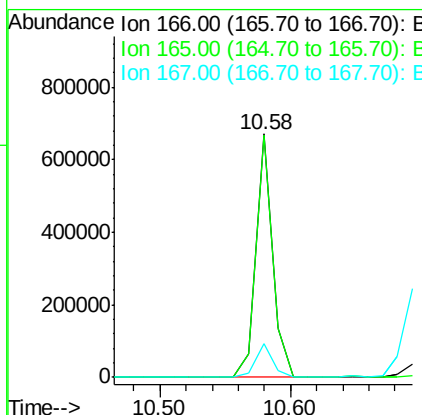
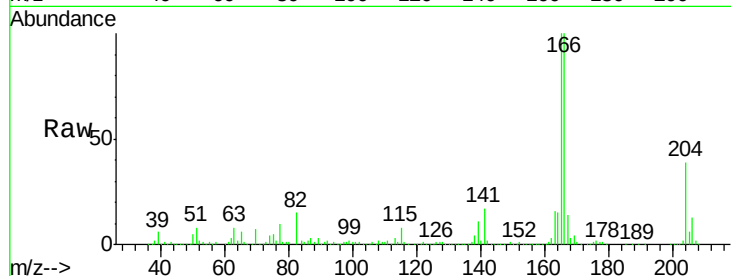
#57
Fluorene
 Concen: 41.40 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	601362		
165	99.7	77.8	116.8	
167	13.7	10.8	16.2	

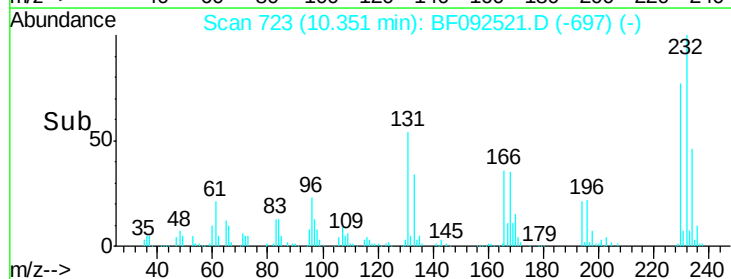
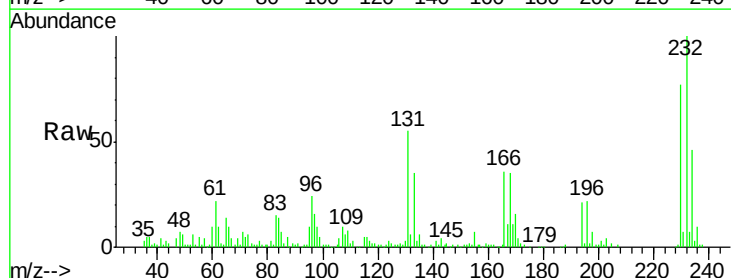
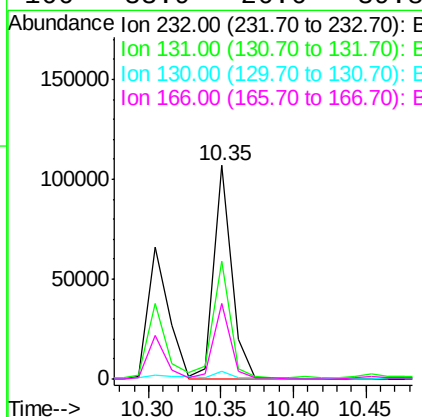
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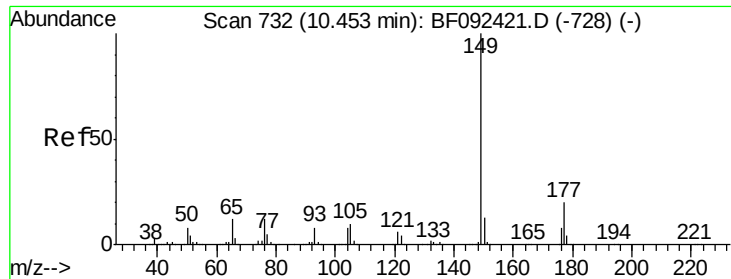
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 25.86 ng
 RT: 10.35 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	91853		
131	51.2	40.1	60.1	
130	3.7	1.8	2.8#	
166	33.9	26.6	39.8	





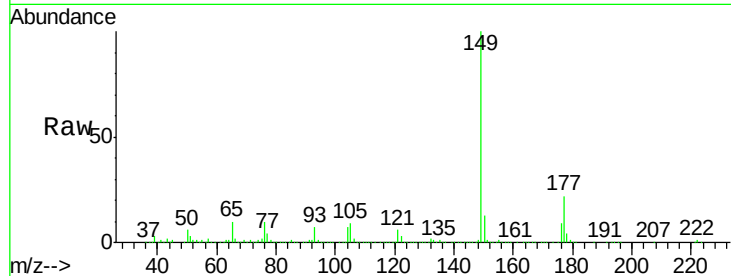
#59
Diethylphthalate
Concen: 44.91 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

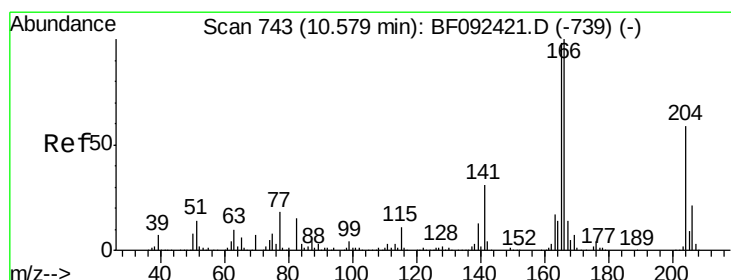
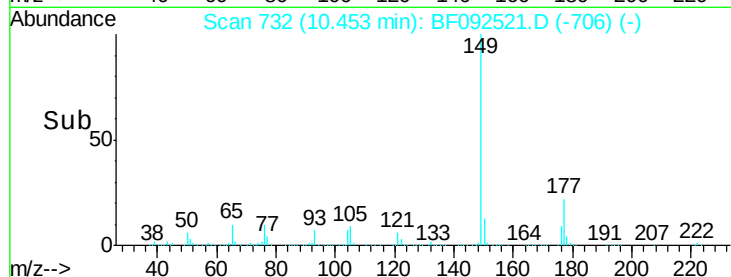
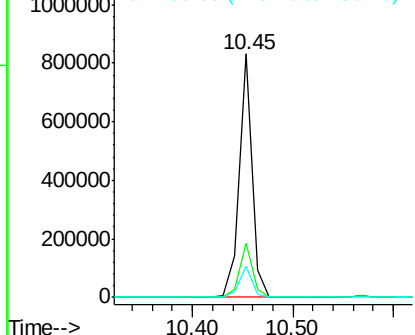
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.6	25.0
150	12.6	10.4	15.6

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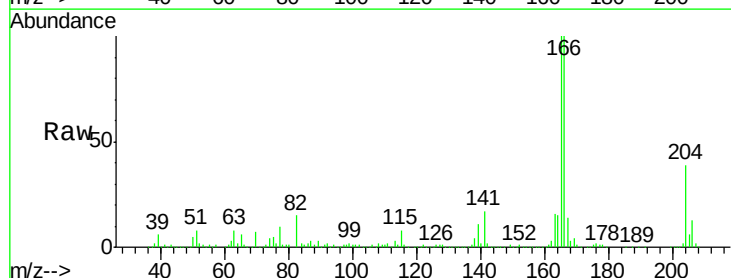


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

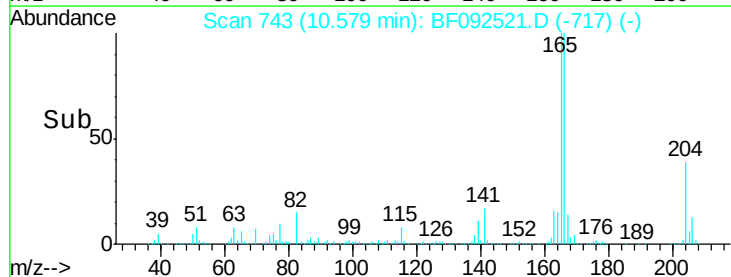
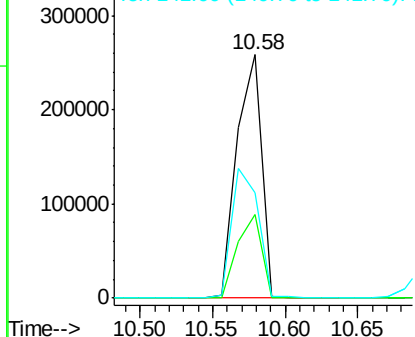


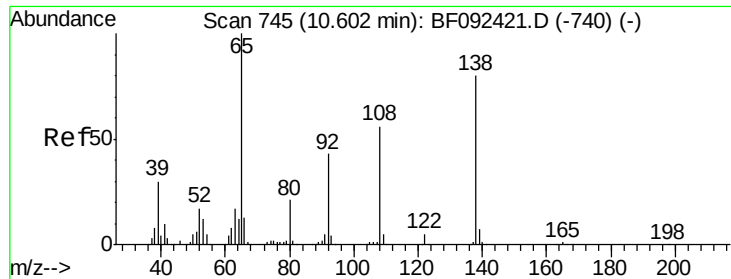
#60
4-Chlorophenyl-phenylether
Concen: 43.30 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.8	38.6
141	43.3	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: 35.02 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion:138 Resp: 152892
Ion Ratio Lower Upper

138 100

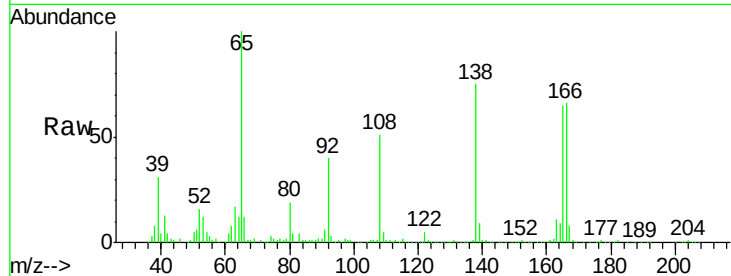
92 53.6 31.7 71.7

108 67.4 52.6 92.6

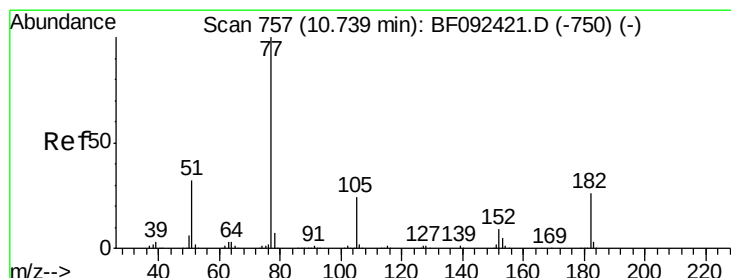
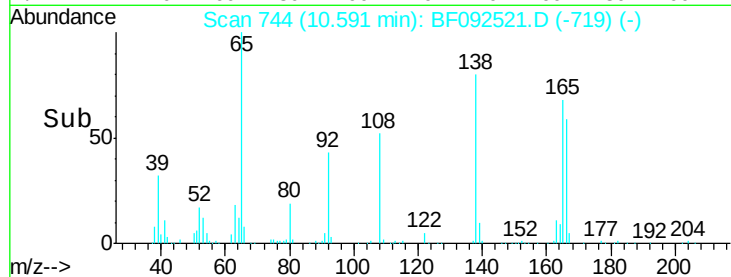
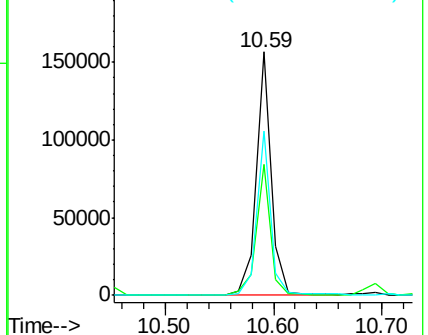
Manual Integrations
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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.03 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Tgt Ion: 77 Resp: 800572
Ion Ratio Lower Upper

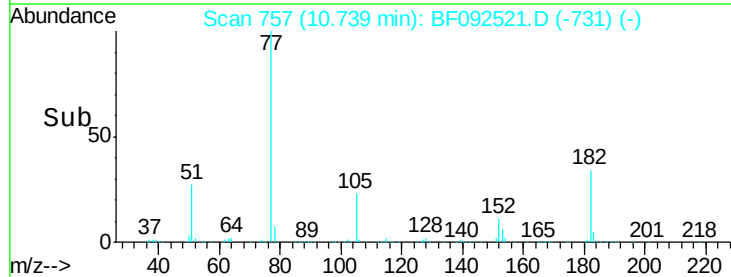
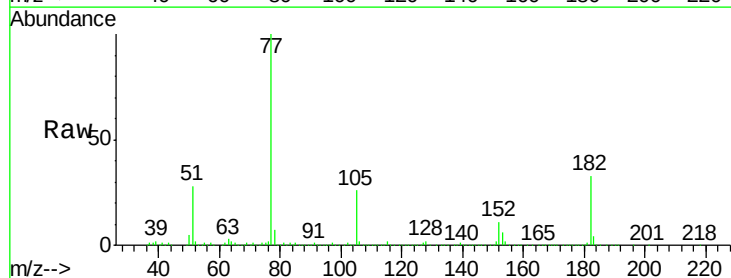
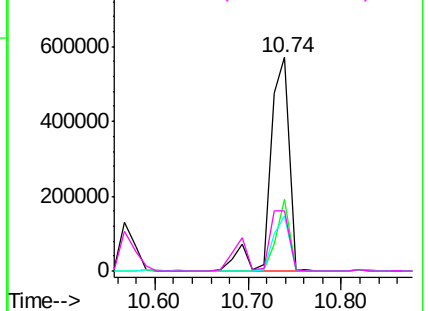
77 100

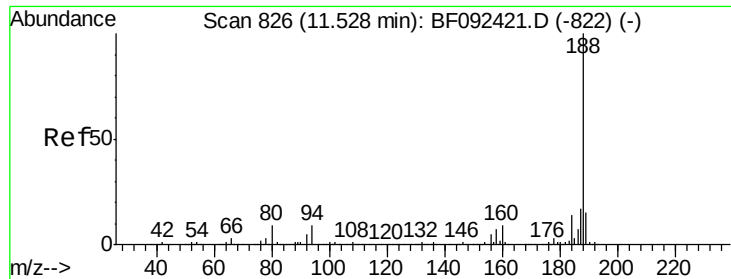
182 33.5 0.0 39.3

105 26.0 2.3 42.3

51 28.0 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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

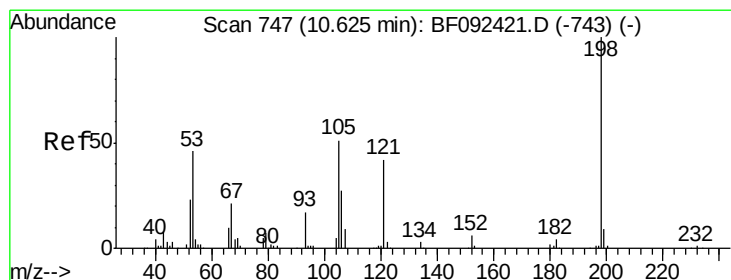
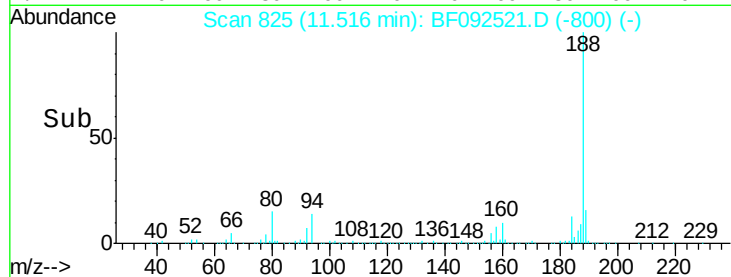
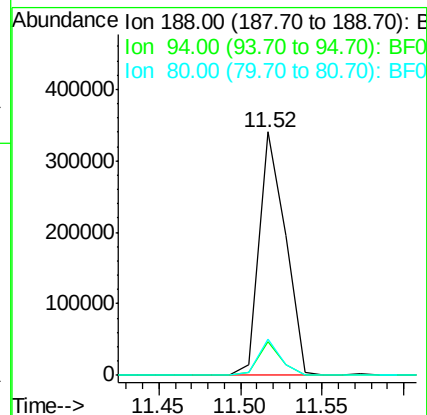
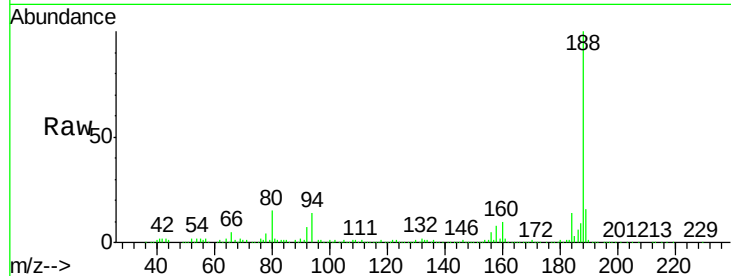
CHA-SB-01-0-2MS

Tot Ion:	188	Resp:	381470
Ion Ratio	Lower	Upper	
188	100		
94	14.1	10.0	15.0
80	14.7	11.2	16.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 5.64 ng m

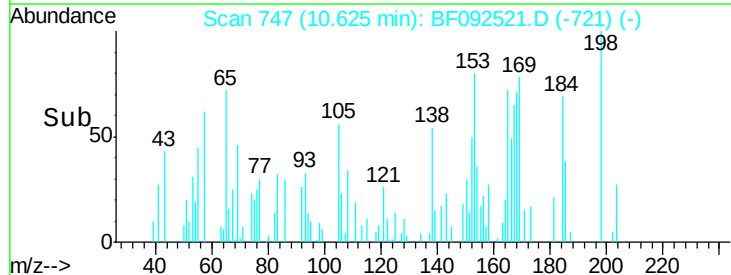
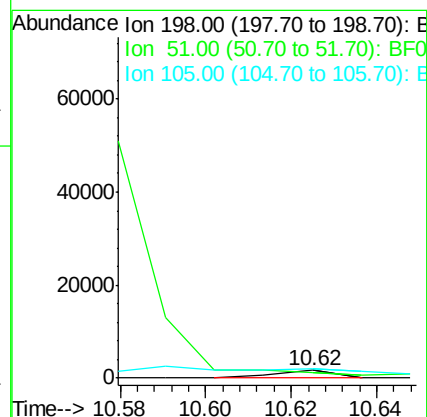
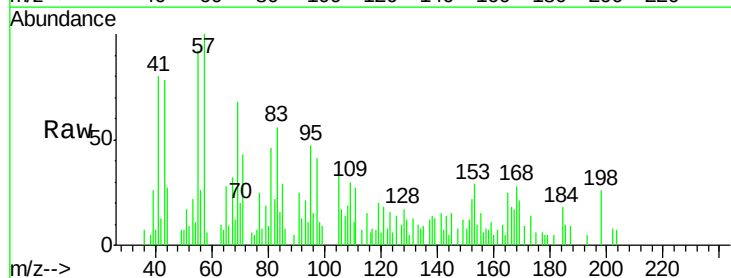
RT: 10.62 min Scan# 747

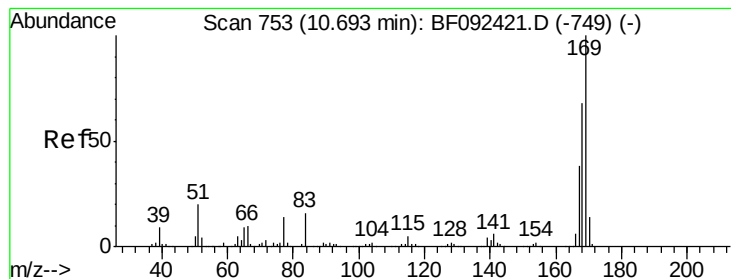
Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Tgt Ion:	198	Resp:	1574
Ion Ratio	Lower	Upper	
198	100		
51	65.7	6.7	46.7#
105	123.7	16.6	56.6#





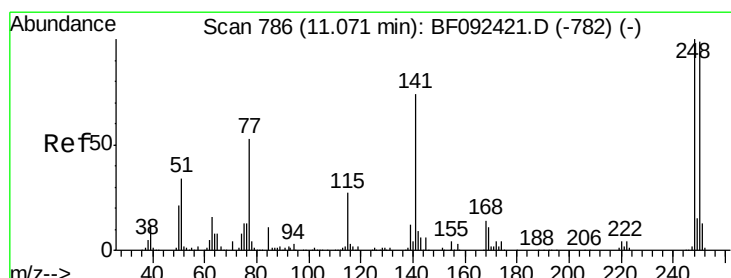
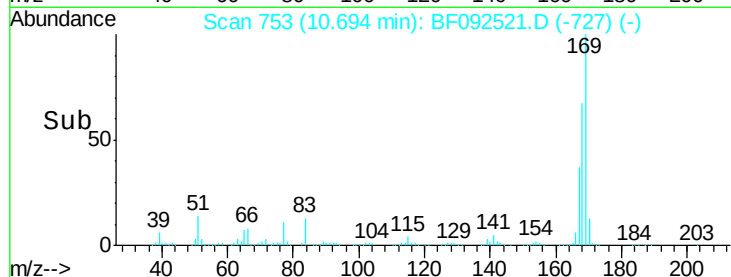
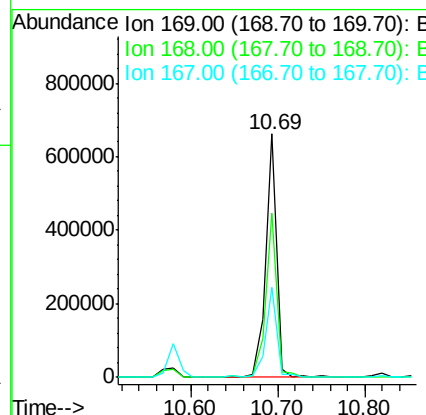
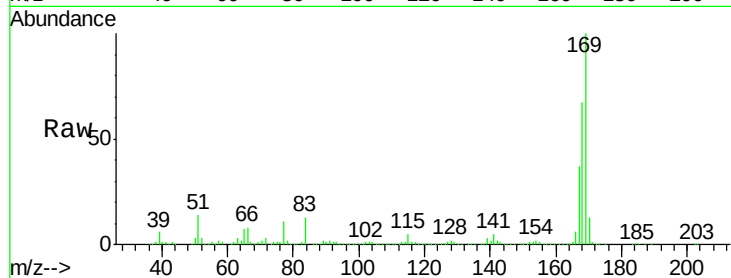
#65
n-Nitrosodiphenylamine
Concen: 50.16 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	597586		
168	67.2		54.2	81.2
167	37.0		30.2	45.4

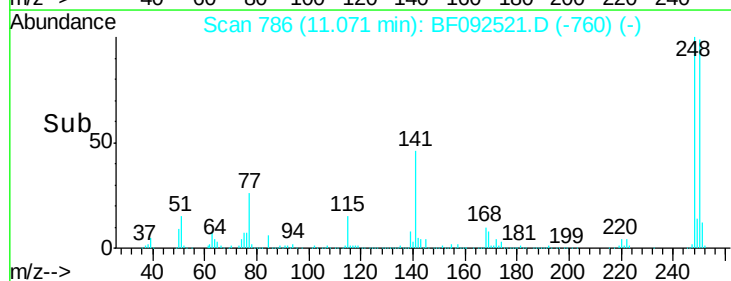
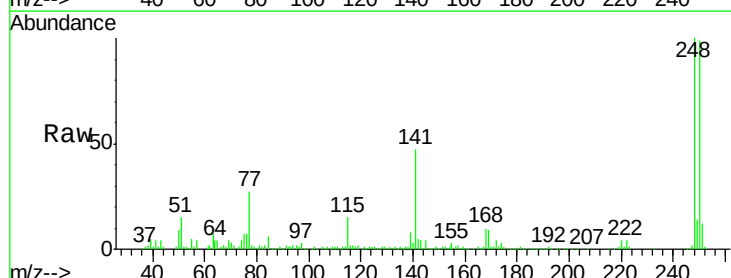
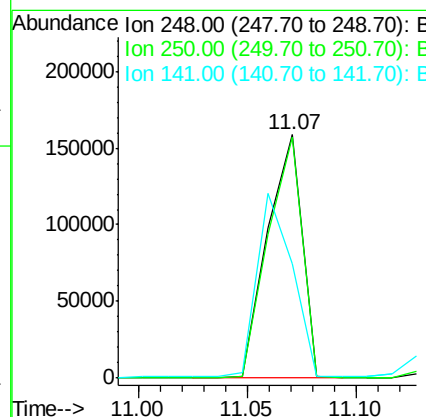
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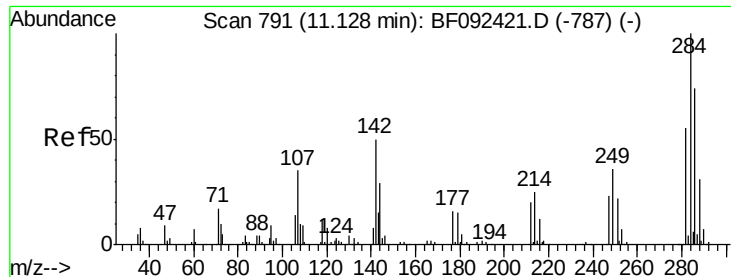
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 46.21 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	177976		
250	98.9		76.9	115.3
141	46.7		68.2	102.4





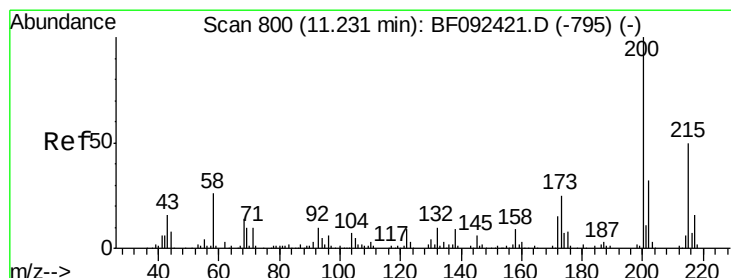
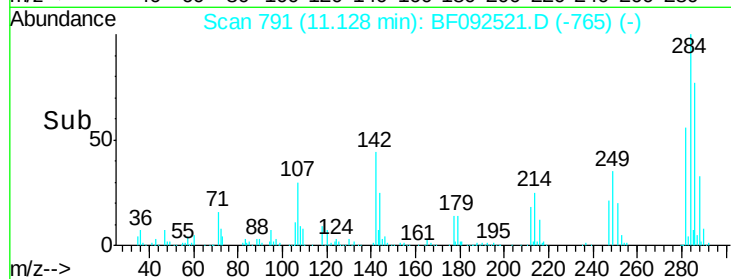
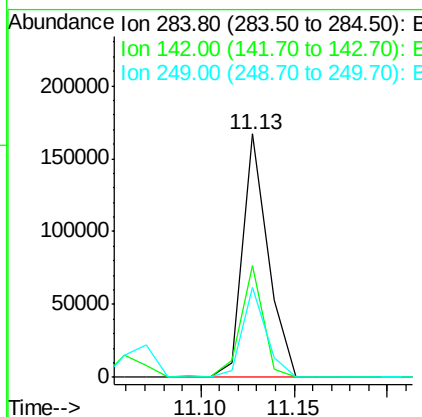
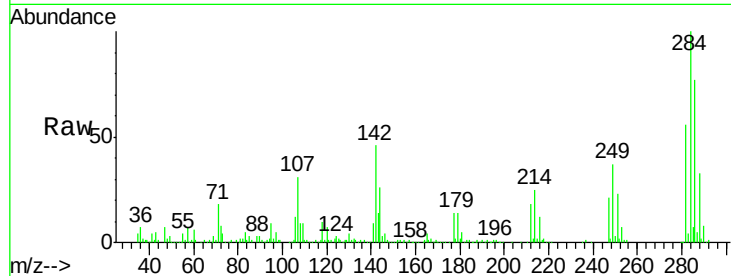
#67
Hexachlorobenzene
Concen: 40.51 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	157716		
142	46.1	22.6	33.8#	
249	36.8	25.4	38.0	

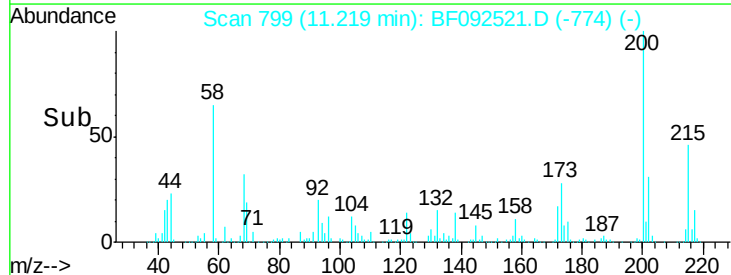
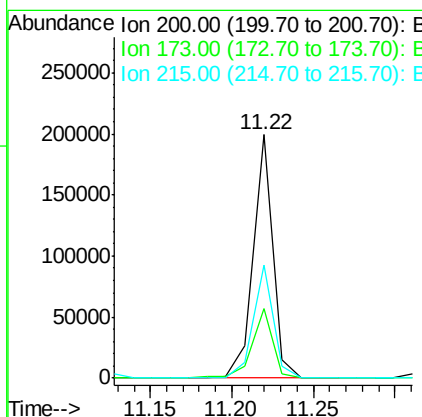
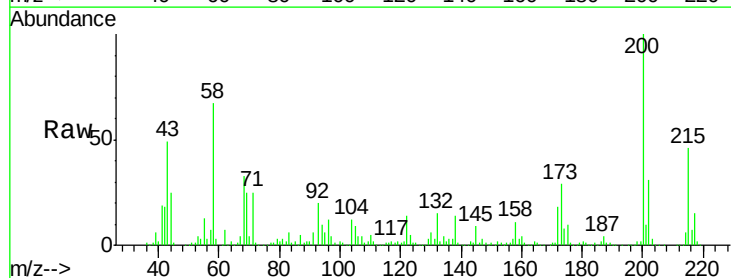
Manual Integrations
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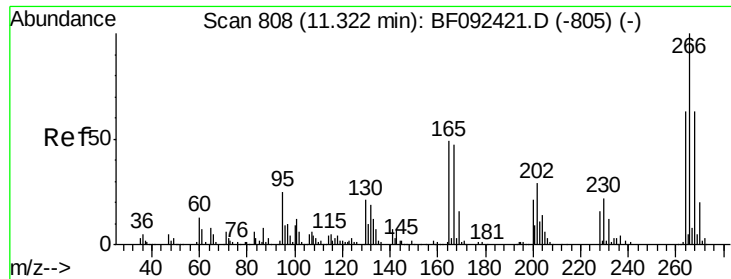
mohammad
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#68
Atrazine
Concen: 41.05 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	167383		
173	28.6	9.6	49.6	
215	46.2	25.7	65.7	





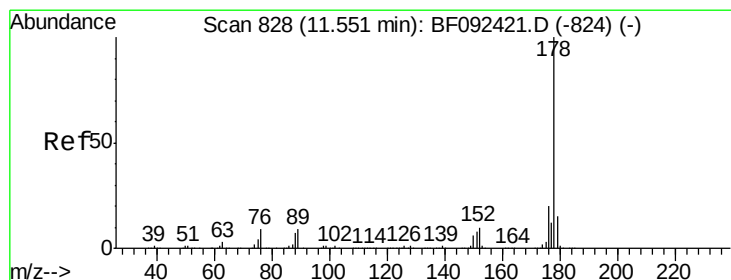
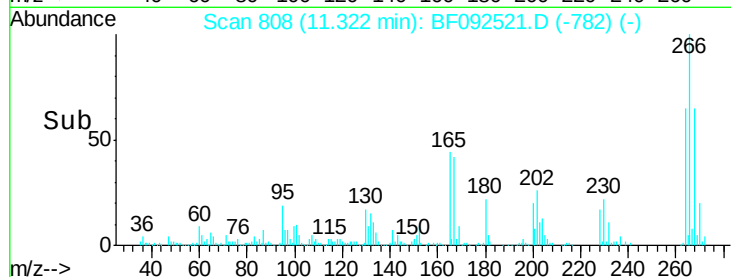
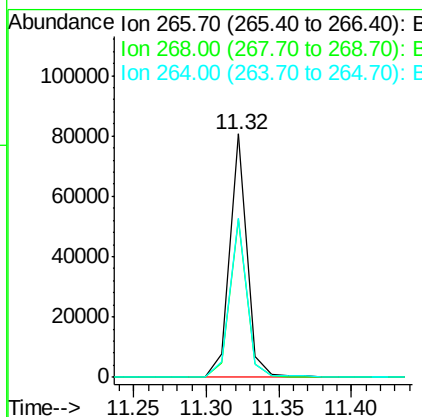
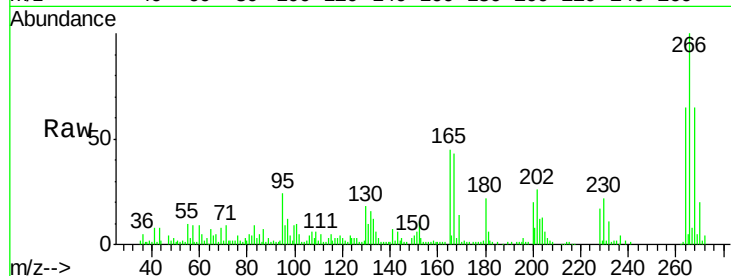
#69
 Pentachlorophenol
 Concen: 26.79 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	53.3	79.9
264	65.2	50.3	75.5

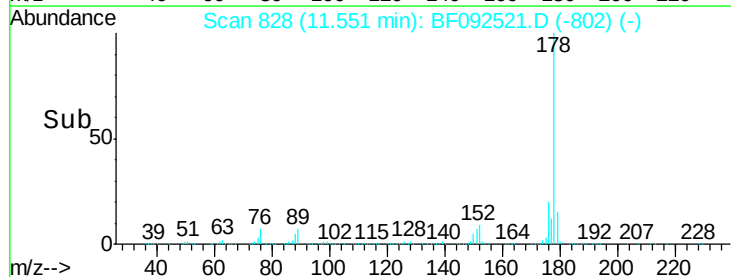
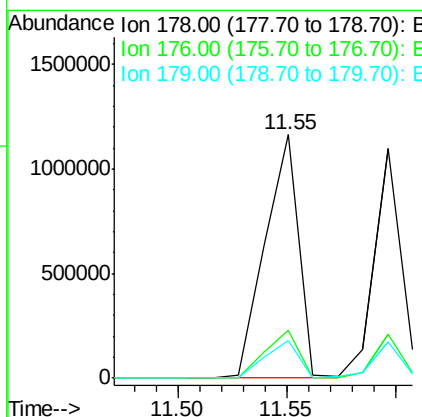
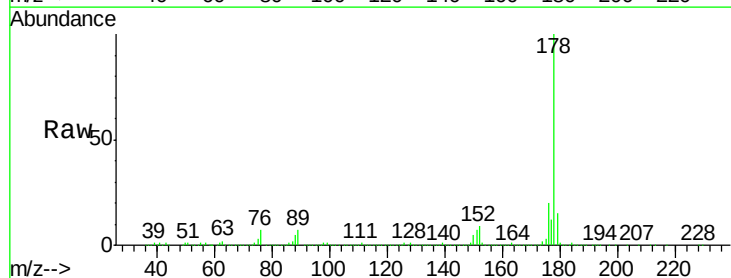
Manual Integrations
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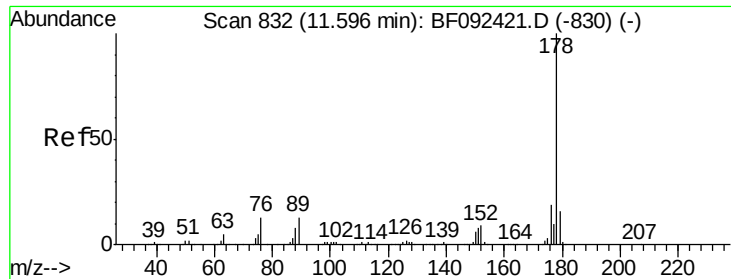
mohammad
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#70
 Phenanthrene
 Concen: 59.74 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.3	12.8	19.2





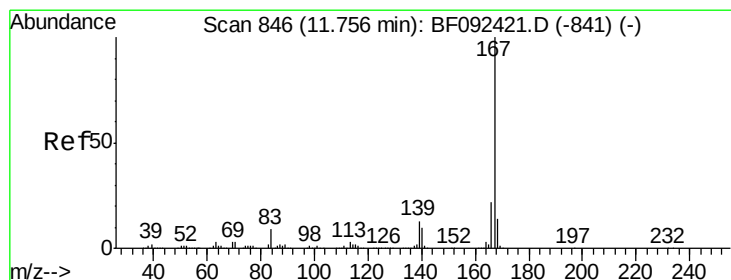
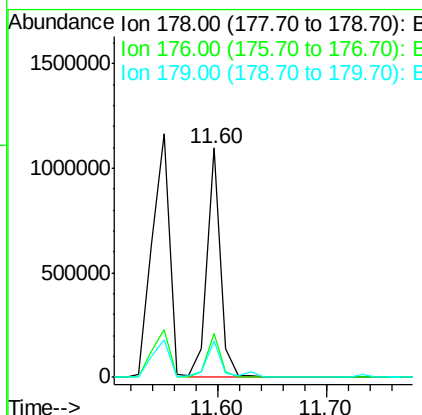
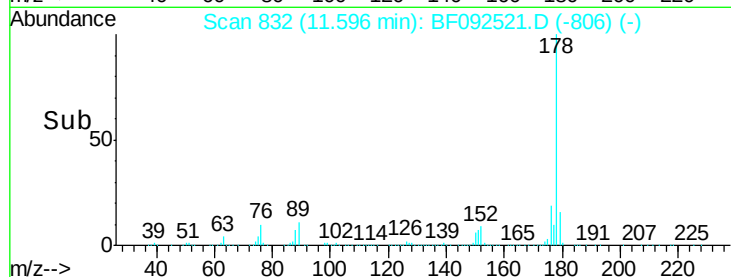
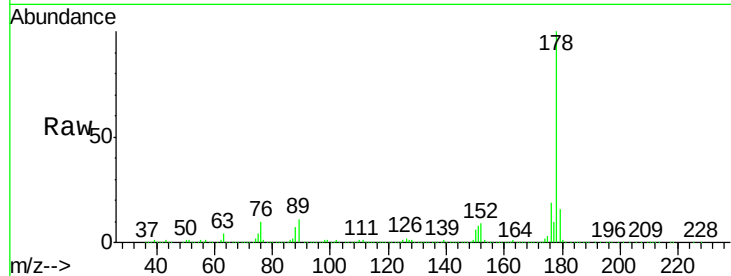
#71
 Anthracene
 Concen: 46.19 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.8	13.2	19.8

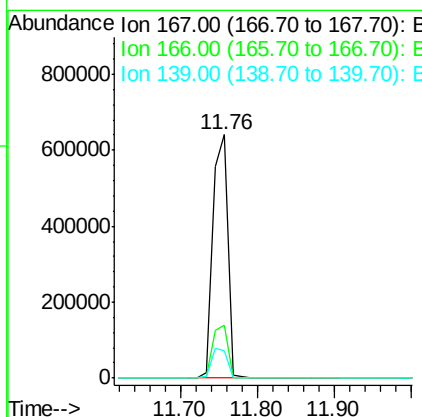
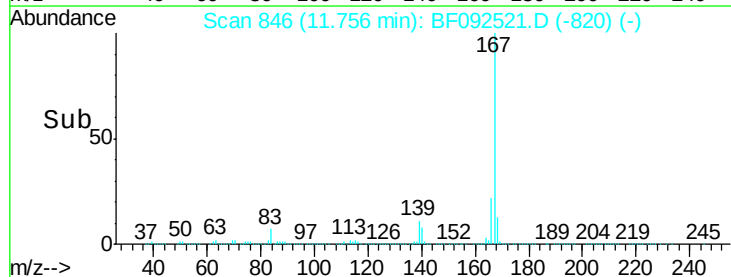
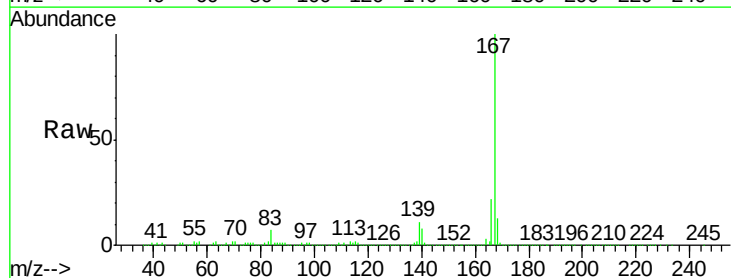
Manual Integrations
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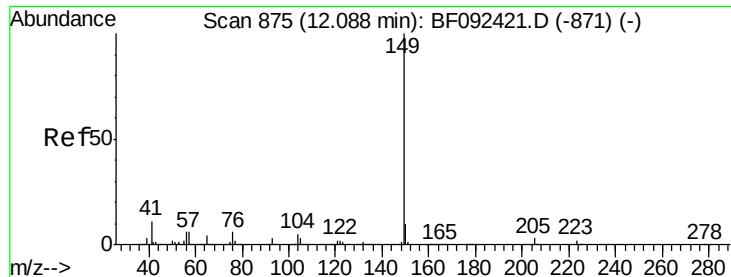
mohammad
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#72
 Carbazole
 Concen: 43.21 ng
 RT: 11.76 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	11.5	11.4	17.2





#73

Di-n-butylphthalate

Concen: 50.11 ng

RT: 12.09 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

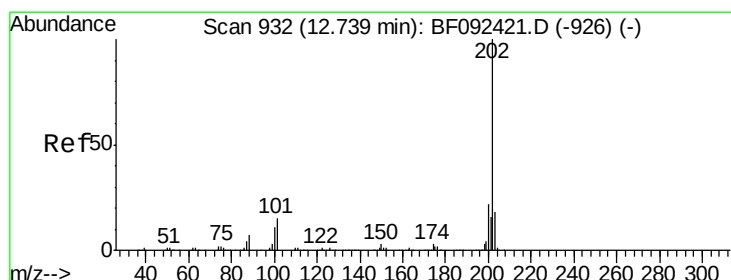
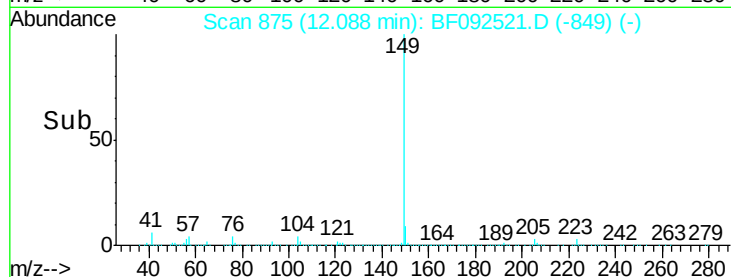
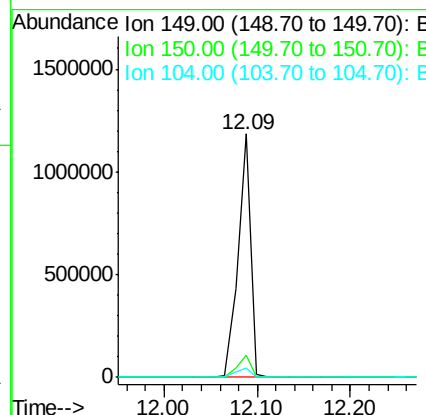
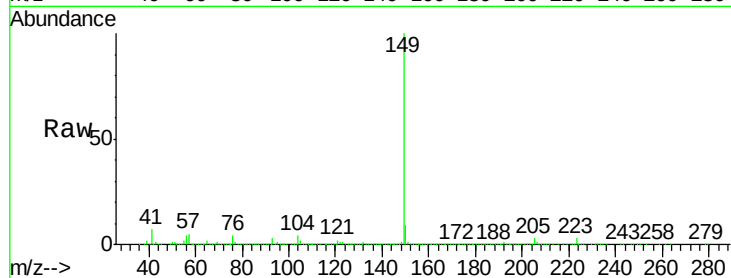
CHA-SB-01-0-2MS

Tot Ion:	149	Resp:	1123285
Ion Ratio	Lower	Upper	
149	100		
150	9.0	8.1	12.1
104	3.9	4.6	7.0#

Manual Integrations
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#74

Fluoranthene

Concen: 79.74 ng

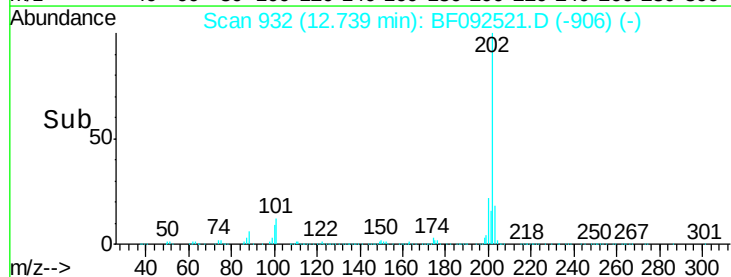
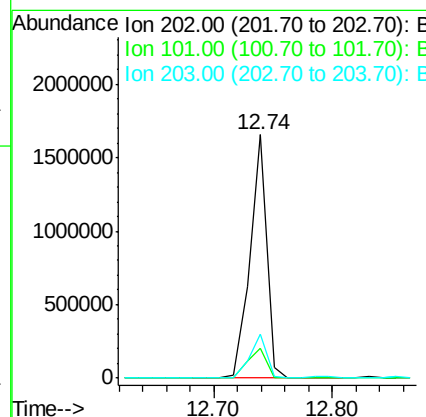
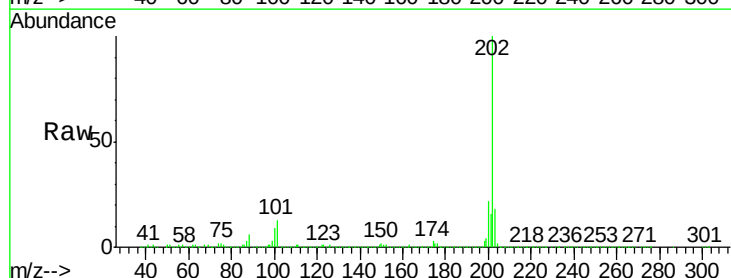
RT: 12.74 min Scan# 932

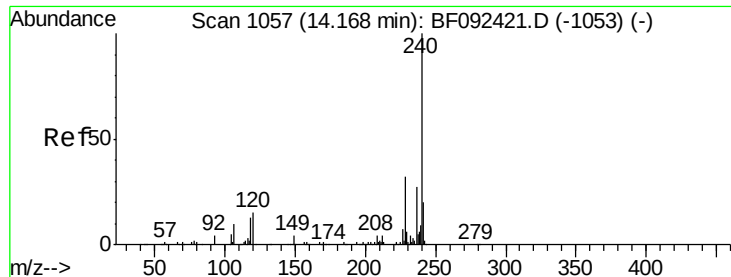
Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Tgt Ion:	202	Resp:	1638537
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.6
203	18.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

CHA-SB-01-0-2MS

Tot Ion:240 Resp: 275745

Ion Ratio Lower Upper

240 100

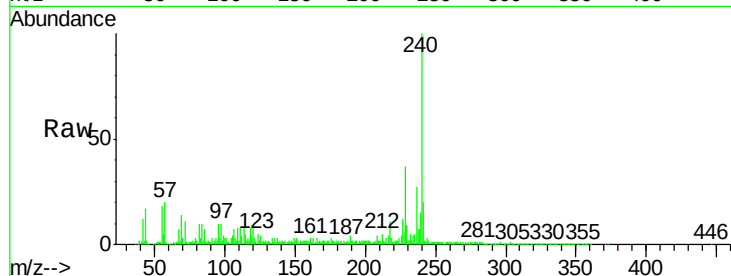
120 8.9 12.9 19.3#

236 26.7 20.9 31.3

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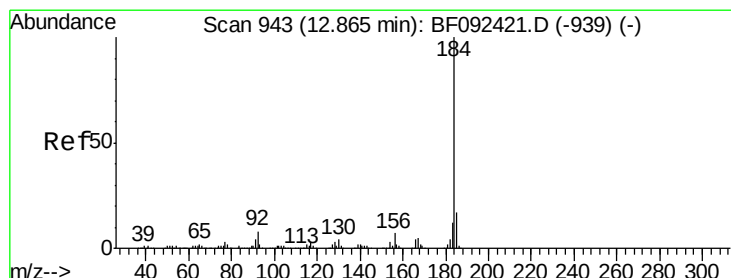
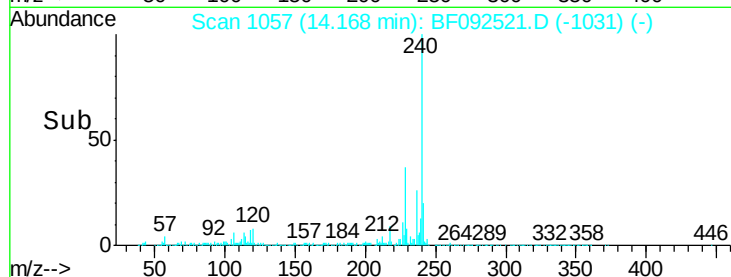
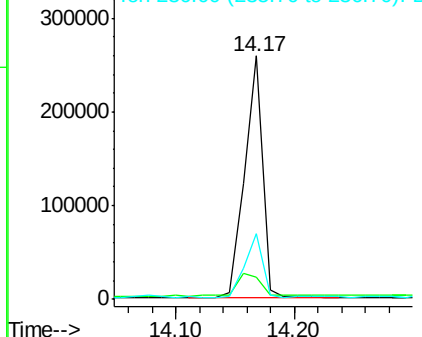
1/27/2017 3:02:11 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.64 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

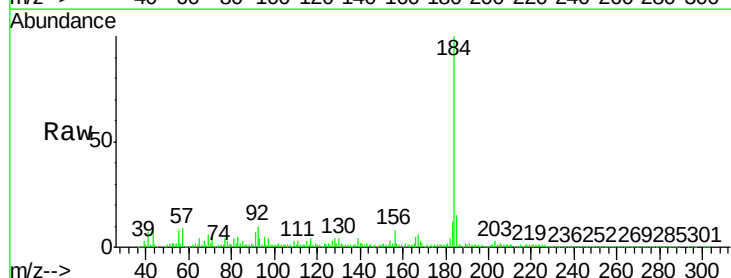
Tgt Ion:184 Resp: 252266

Ion Ratio Lower Upper

184 100

185 15.3 13.4 20.0

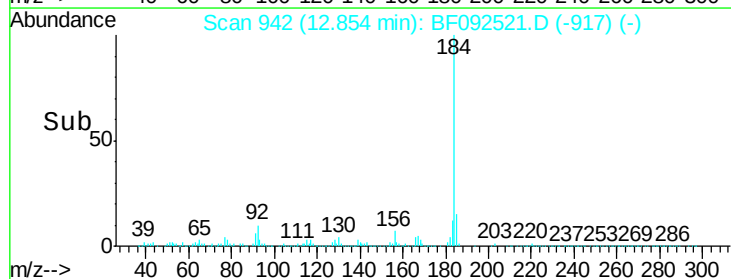
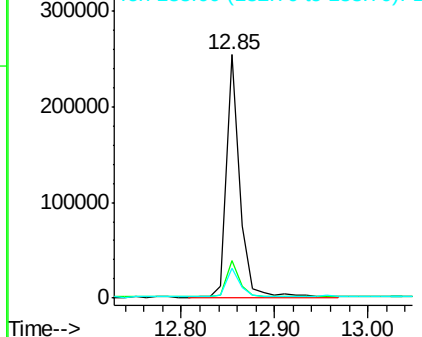
183 12.0 9.2 13.8

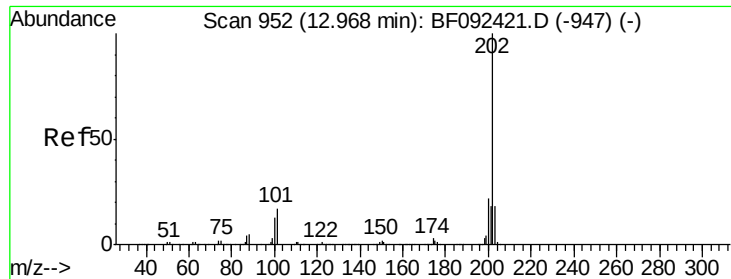


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





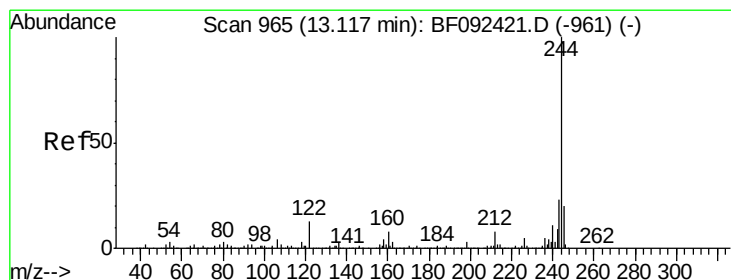
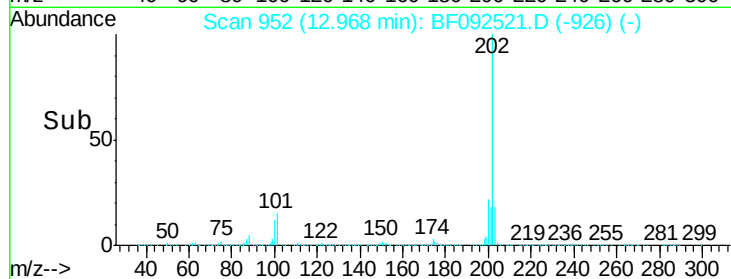
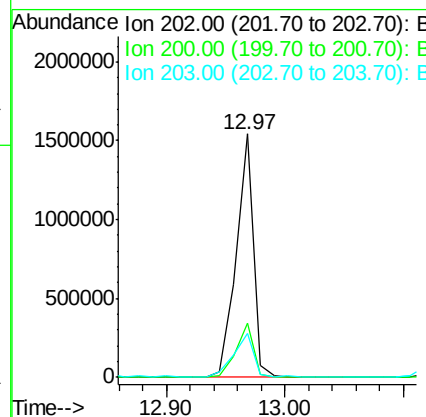
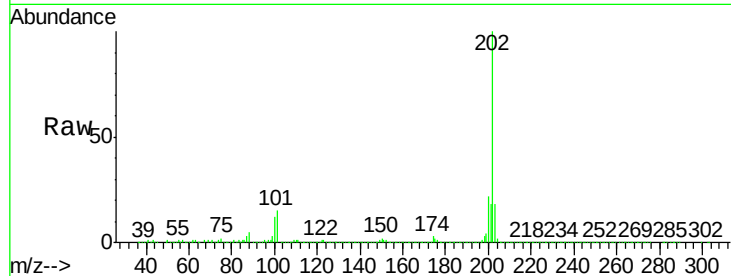
#77
Pvrene
Concen: 77.21 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	18.0	14.7	22.1

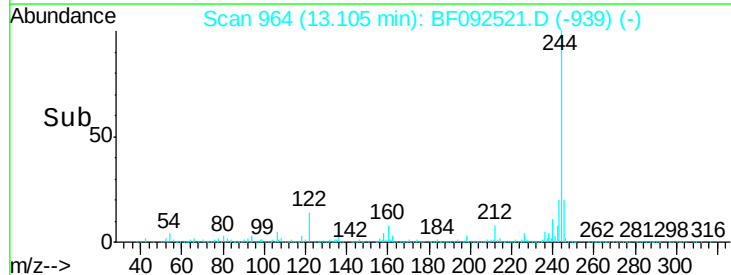
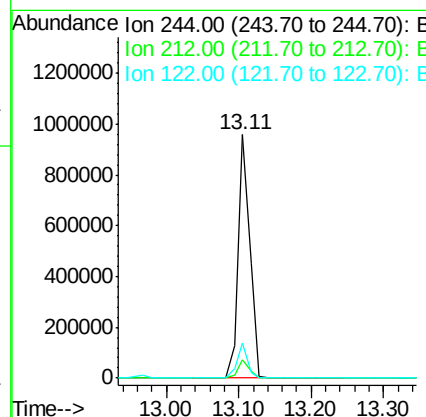
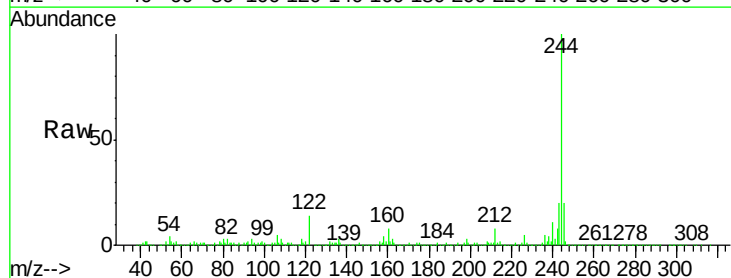
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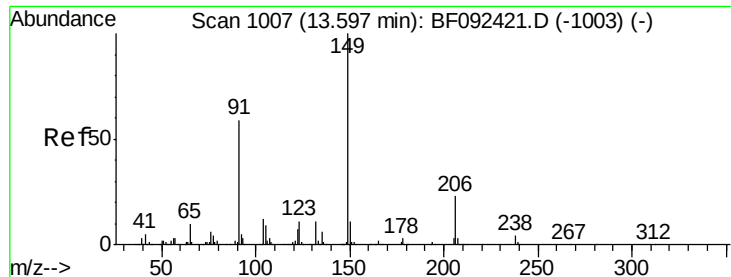
mohammad
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#78
Terphenyl-d14
Concen: 102.59 ng
RT: 13.11 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.5	11.4	17.2





#79

Butylbenzylphthalate

Concen: 53.02 ng

RT: 13.59 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

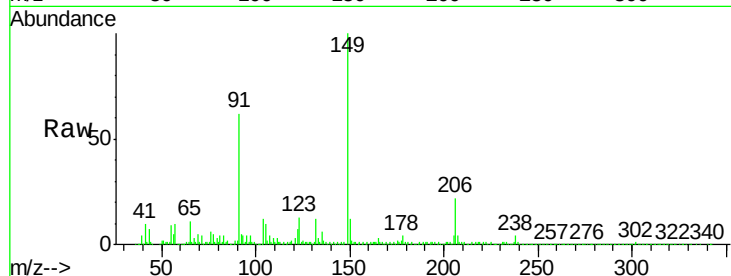
CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.6	63.9	95.9#
206	22.2	14.6	21.8#

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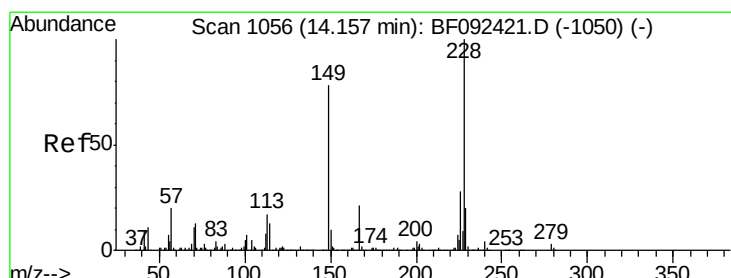
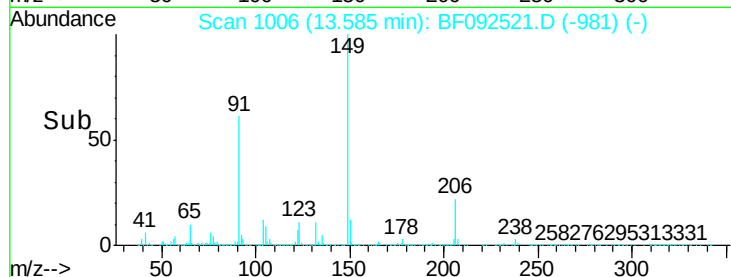
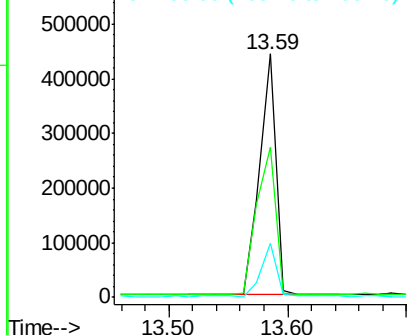


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 64.80 ng

RT: 14.16 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

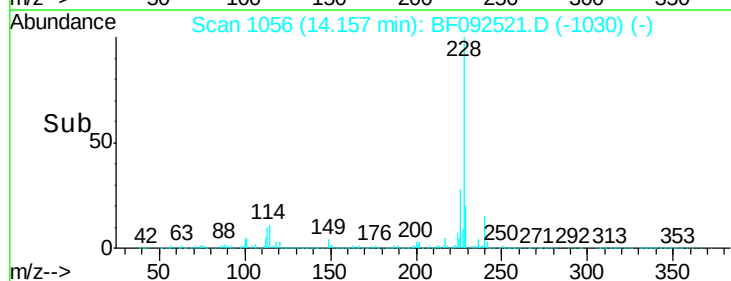
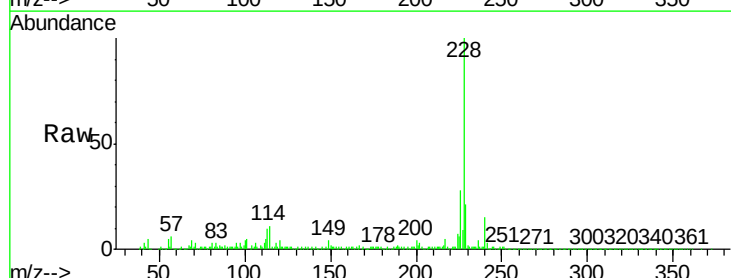
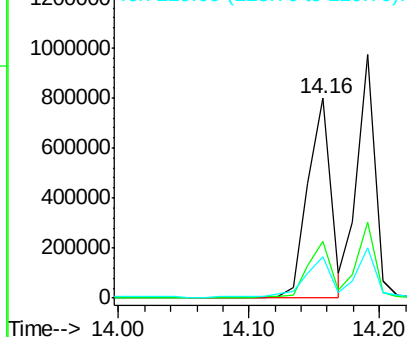
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.7	16.2	24.4

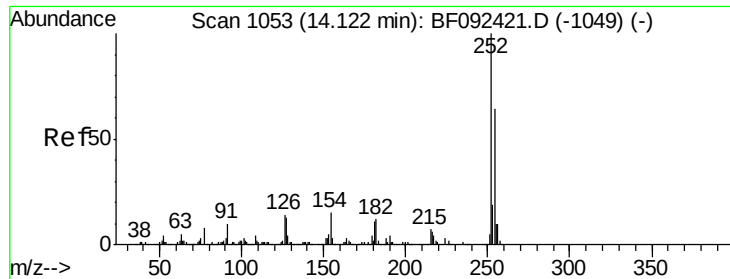
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





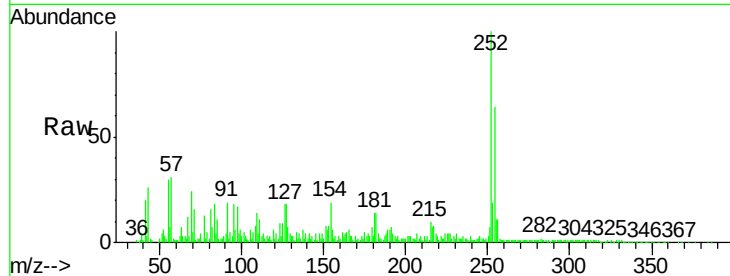
#81
 3,3'-Dichlorobenzidine
 Concen: 32.56 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

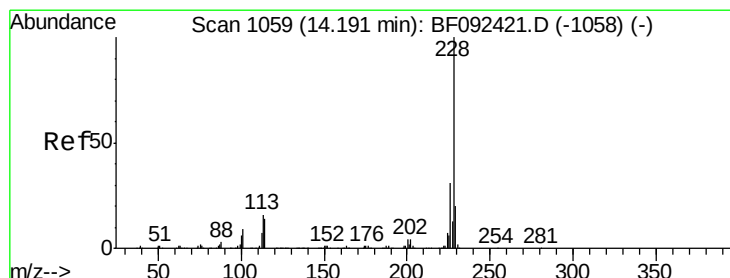
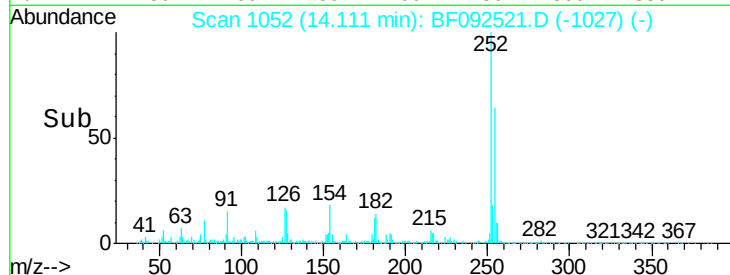
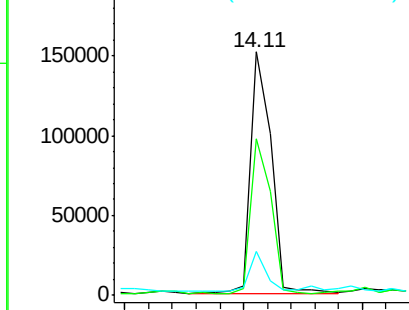
Tot Ion:	252	Resp:	183186
Ion Ratio	Lower	Upper	
252	100		
254	64.4	52.3	78.5
126	18.2	13.6	20.4

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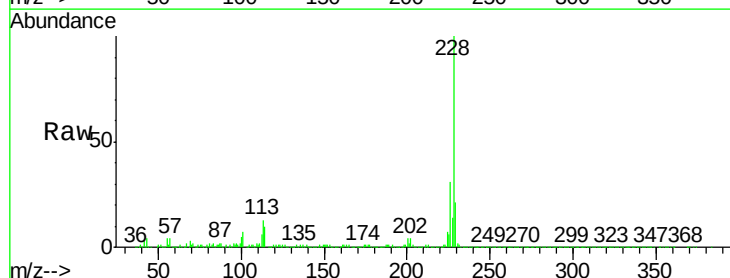


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

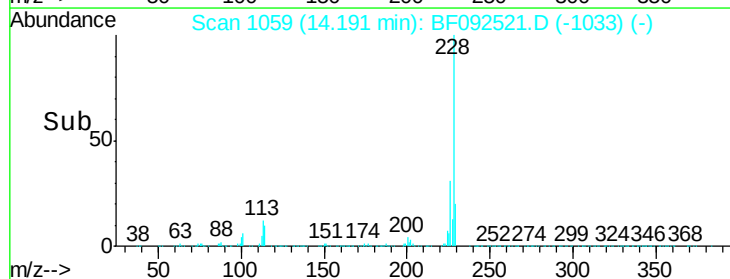
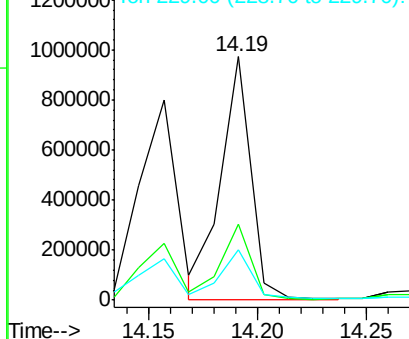


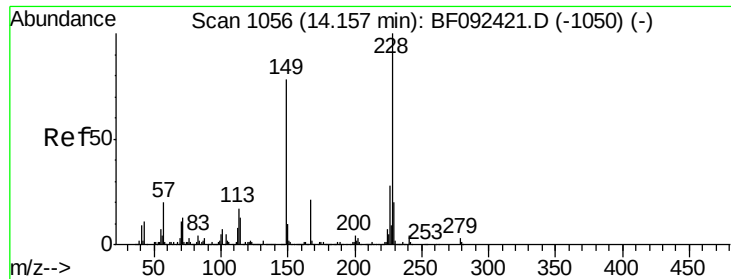
#82
 Chrysene
 Concen: 58.58 ng
 RT: 14.19 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Tgt Ion:	228	Resp:	927157
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.4	38.0
229	20.9	16.2	24.2



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





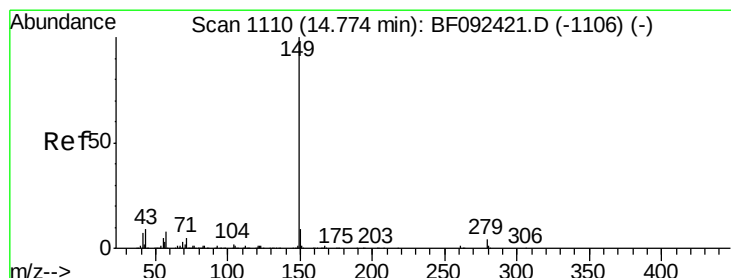
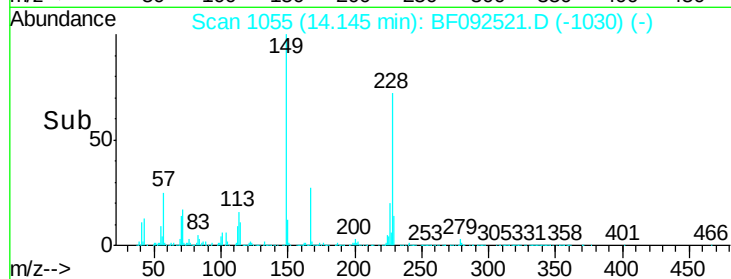
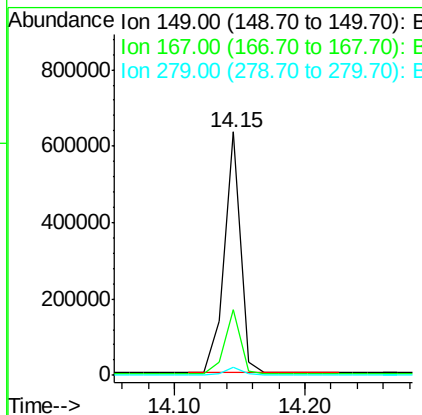
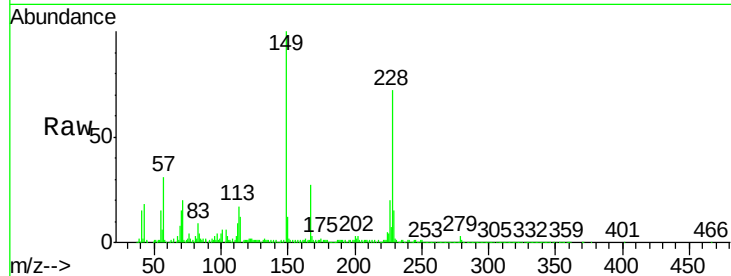
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.99 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.2	30.4
279	3.4	1.8	2.8#

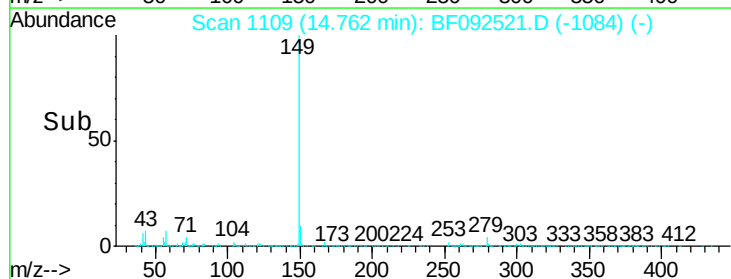
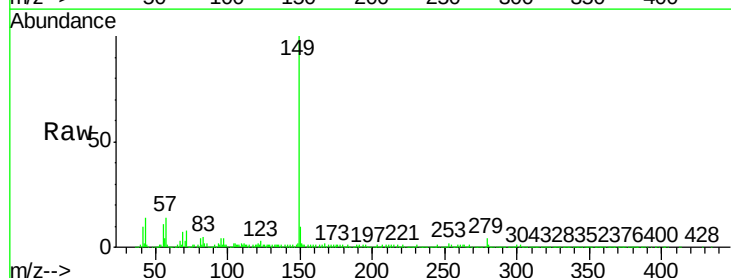
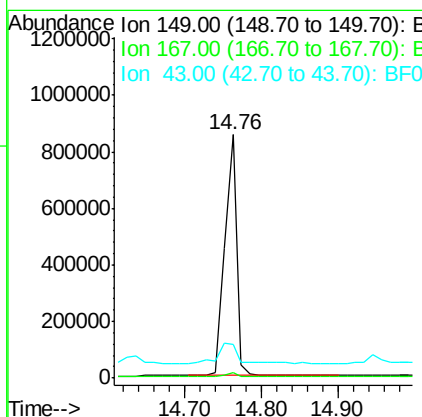
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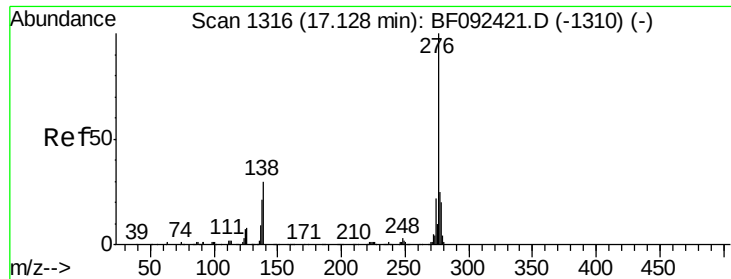
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#84
 Di-n-octyl phthalate
 Concen: 51.04 ng
 RT: 14.76 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.5	8.9	13.3





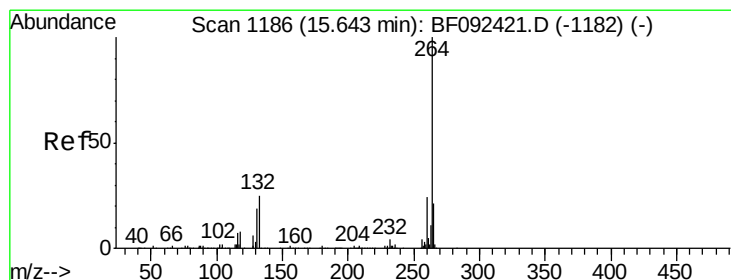
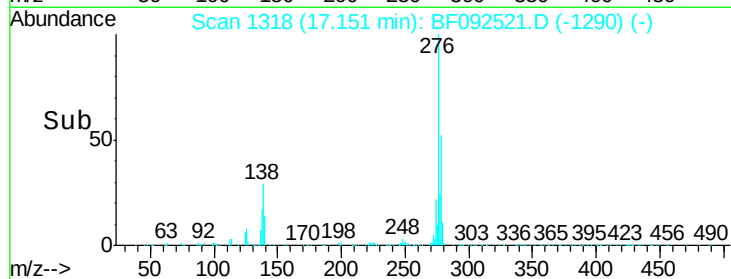
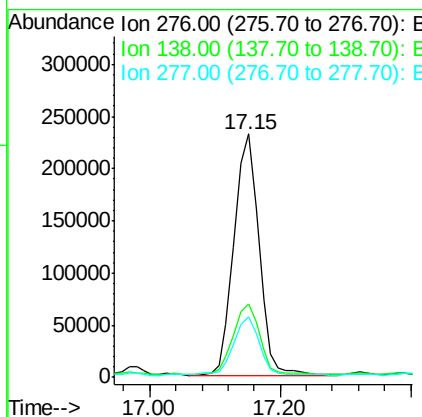
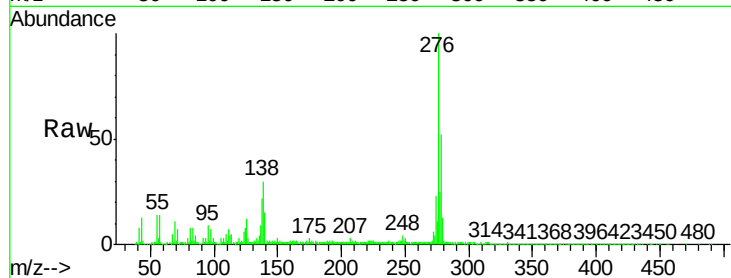
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.42 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. 0.02 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Tot Ion:	276	Resp:	613779
Ion Ratio	Lower	Upper	
276	100		
138	31.4	21.8	32.6
277	25.4	20.2	30.4

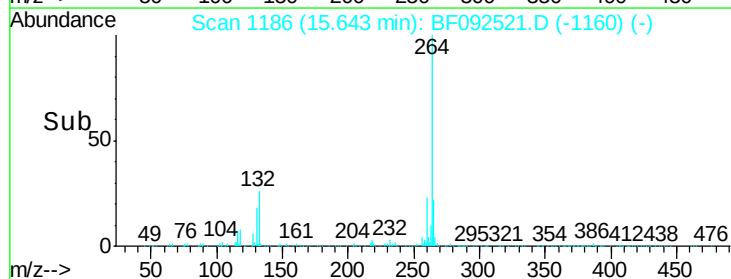
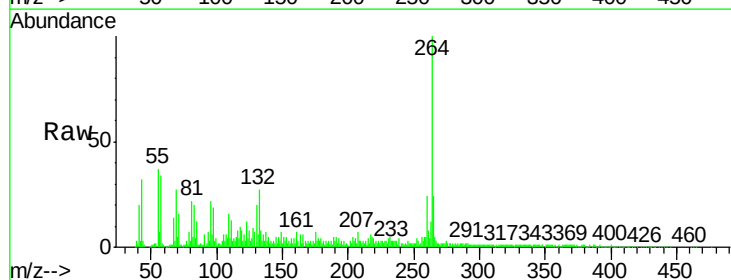
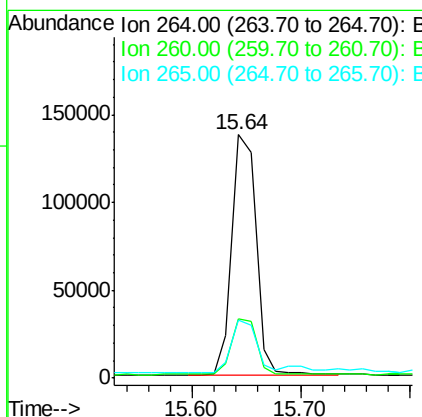
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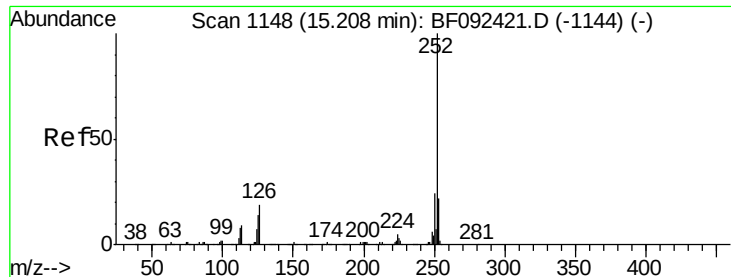
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.64 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Tgt Ion:	264	Resp:	212189
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	24.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 70.89 ng m

RT: 15.22 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Instrument :

BNA_F

ClientSampleId :

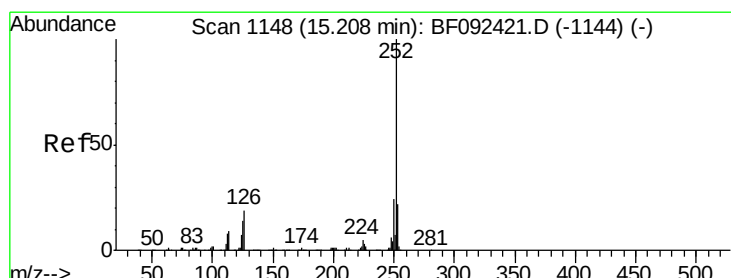
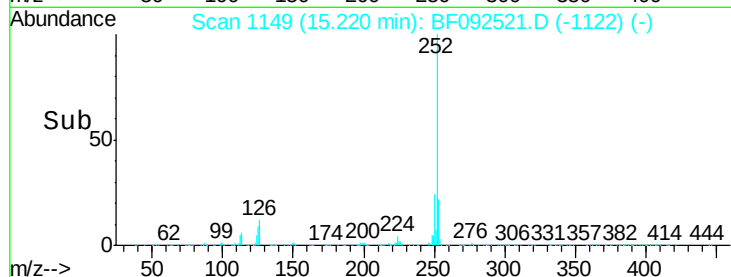
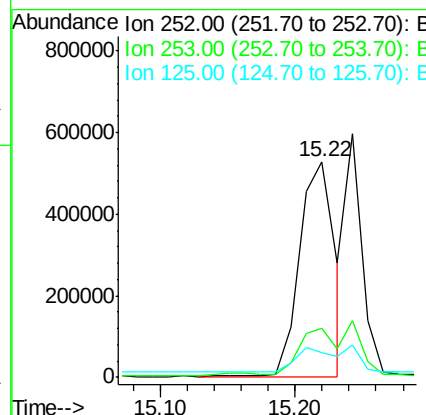
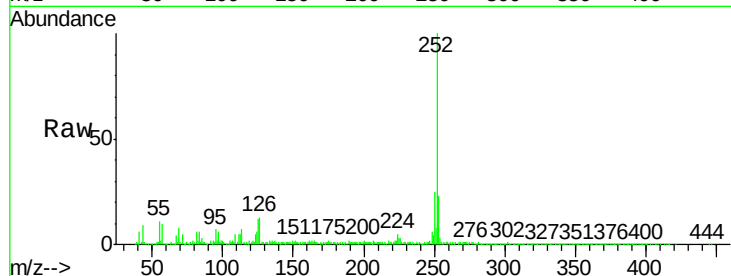
CHA-SB-01-0-2MS

Tot Ion:	252	Resp:	965643
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.4
125	11.6	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 46.73 ng m

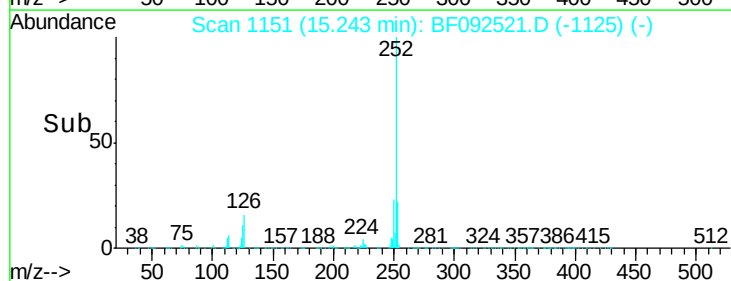
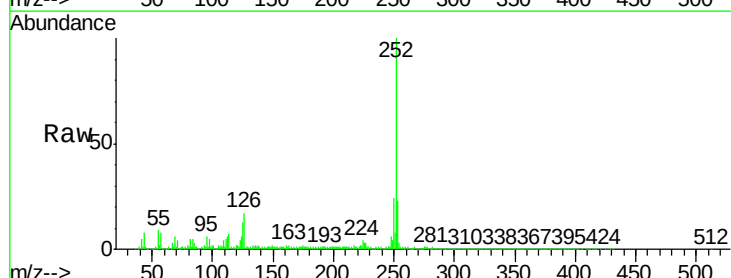
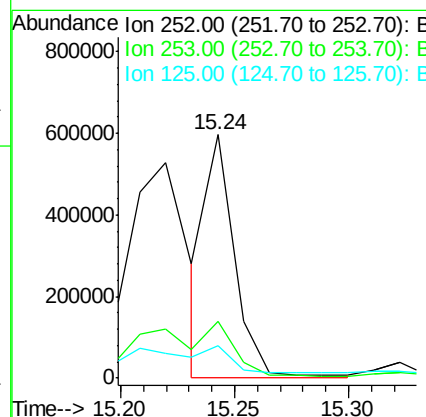
RT: 15.24 min Scan# 1151

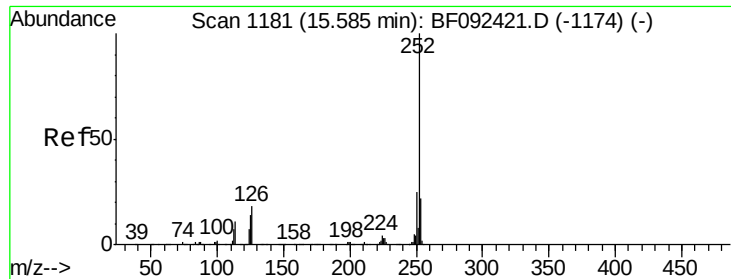
Delta R.T. 0.00 min

Lab File: BF092521.D

Acq: 26 Jan 2017 13:10

Tgt Ion:	252	Resp:	529265
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.5	27.7
125	13.1	8.9	13.3





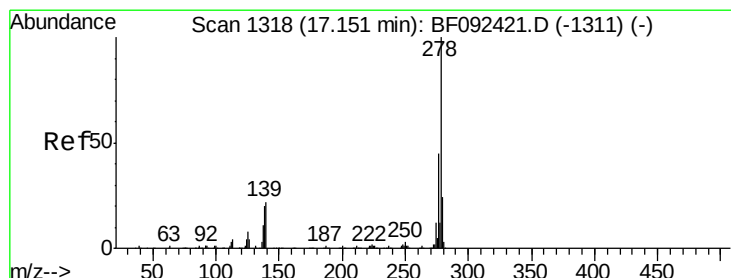
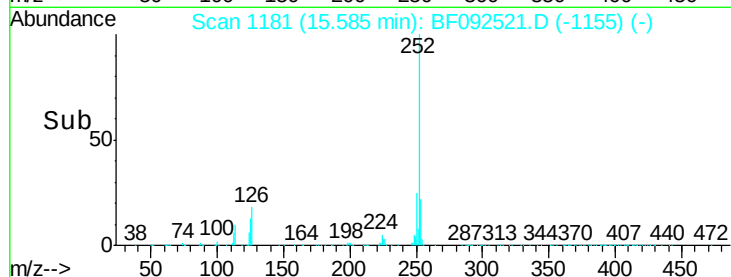
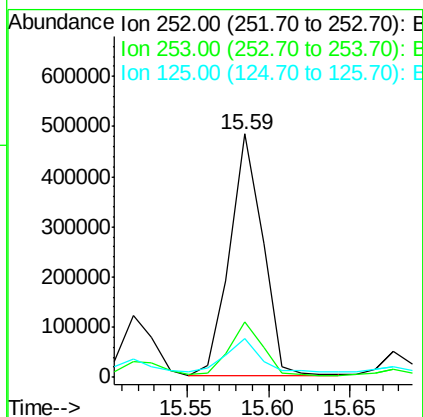
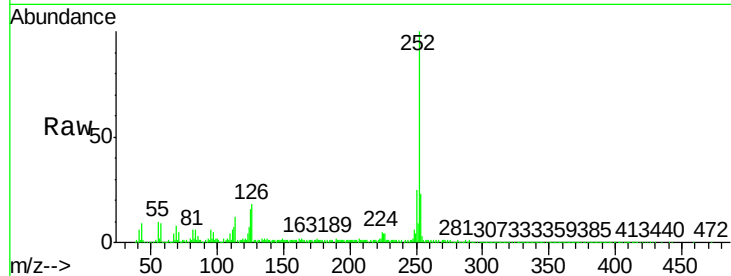
#89
Benzo(a)pyrene
Concen: 58.42 ng
RT: 15.59 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Instrument :
BNA_F
ClientSampleId :
CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	15.8	10.0	15.0

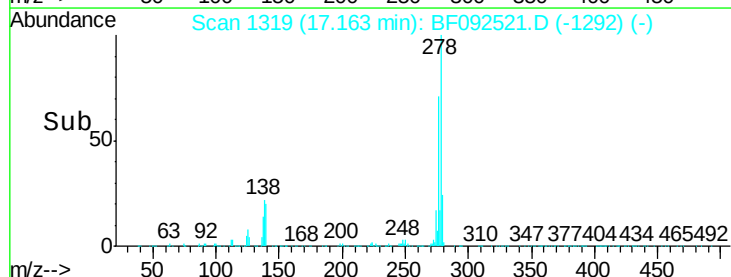
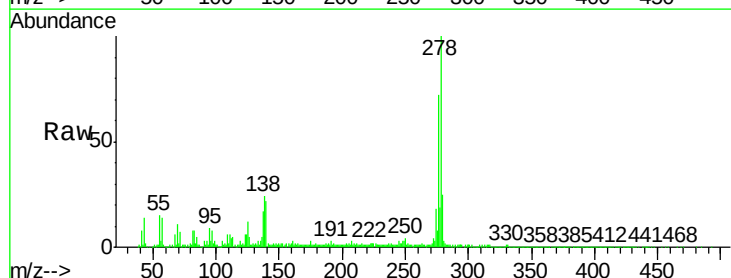
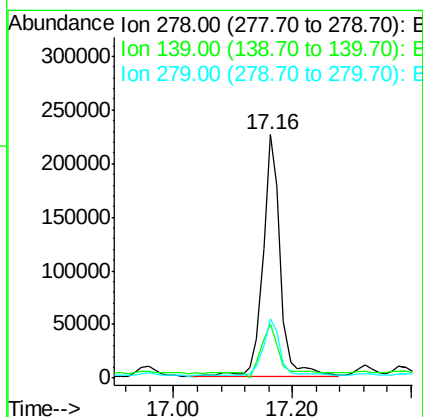
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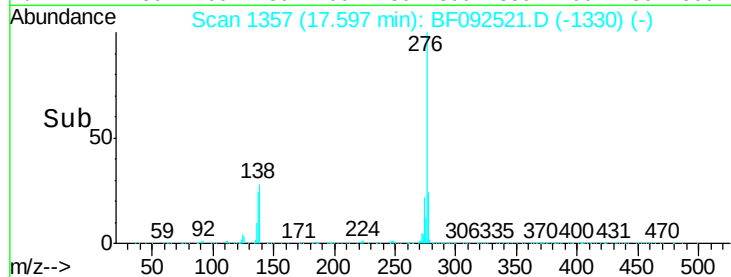
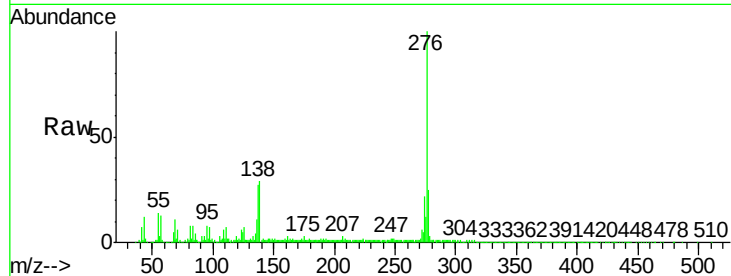
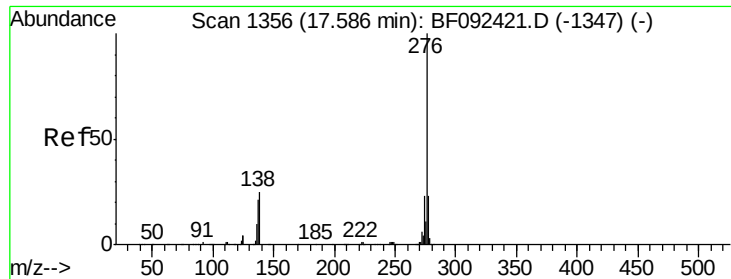
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 49.56 ng
RT: 17.16 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF092521.D
Acq: 26 Jan 2017 13:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	14.8	22.2
279	24.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 55.47 ng
 RT: 17.60 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF092521.D
 Acq: 26 Jan 2017 13:10

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-01-0-2MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	29.1	16.0	24.0

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