

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092790.D
 Acq On : 3 Feb 2017 22:05
 Operator : SJ/MA
 Sample : I1687-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Manual Integrations
 APPROVED

mohammad

2/6/2017 12:34:03 PM

Quant Time: Feb 03 23:42:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	130643	20.00	ng	-0.03
21) Naphthalene-d8	8.21	136	614988	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	296782	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	510450	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	466967	20.00	ng	-0.03
86) Perylene-d12	15.56	264	138616	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1015398	133.34	ng	-0.02
7) Phenol-d6	6.58	99	1226230	125.15	ng	-0.02
23) Nitrobenzene-d5	7.49	82	966089	87.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	330403	153.93	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1732594	105.76	ng	-0.03
78) Terphenyl-d14	13.05	244	1474954	74.22	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	143384	34.85	ng	# 72
3) Pyridine	3.41	79	299744	28.65	ng	87
4) n-Nitrosodimethylamine	3.34	42	254439	51.79	ng	88
6) Aniline	6.59	93	40253	3.01	ng	# 1
8) 2-Chlorophenol	6.72	128	388846	46.29	ng	98
9) Benzaldehyde	6.48	77	199022	28.35	ng	99
10) Phenol	6.59	94	442640	38.61	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	400926	43.82	ng	97
12) 1,3-Dichlorobenzene	6.86	146	398500m	40.50	ng	
13) 1,4-Dichlorobenzene	6.94	146	419085	42.08	ng	97
14) 1,2-Dichlorobenzene	7.10	146	387994	40.74	ng	94
15) Benzyl Alcohol	7.07	79	189861	26.17	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	635637	39.99	ng	95
17) 2-Methylphenol	7.20	107	325560	45.17	ng	96
18) Hexachloroethane	7.44	117	158467	46.61	ng	# 86
19) n-Nitroso-di-n-propylamine	7.34	70	312662	50.13	ng	96
20) 3+4-Methylphenols	7.34	107	421142	48.87	ng	# 84
22) Acetophenone	7.34	105	588422	41.91	ng	# 92
24) Nitrobenzene	7.52	77	539545	47.58	ng	95
25) Isophorone	7.76	82	986977	47.96	ng	97
26) 2-Nitrophenol	7.84	139	255439	47.39	ng	# 81
27) 2,4-Dimethylphenol	7.87	122	406696	42.96	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	483518	35.48	ng	100
29) 2,4-Dichlorophenol	8.08	162	402923	45.64	ng	90
30) 1,2,4-Trichlorobenzene	8.16	180	395878	41.61	ng	96
31) Naphthalene	8.24	128	1274490	40.88	ng	99
32) Benzoic acid	8.00	122	279362	51.47	ng	95
34) Hexachlorobutadiene	8.35	225	200247	38.25	ng	99
35) Caprolactam	8.66	113	124781m	44.93	ng	
36) 4-Chloro-3-methylphenol	8.78	107	466675	50.70	ng	95
37) 2-Methylnaphthalene	8.93	142	908371	45.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	354762	42.58	ng	99
40) Hexachlorocyclopentadiene	9.08	237	330997	88.06	ng	96
42) 2,4,6-Trichlorophenol	9.22	196	291022	53.16	ng	96

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Manual Integrations
 APPROVED

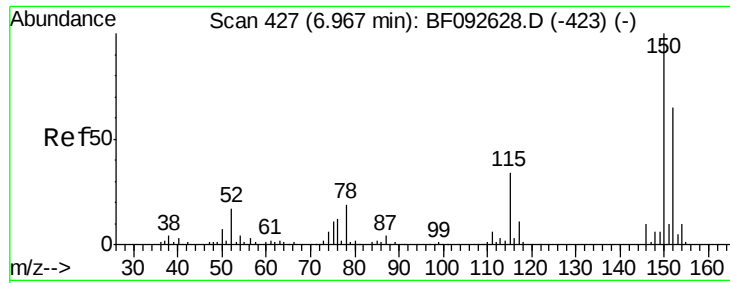
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2/6/2017 12:34:03 PM

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.26	196	299363	49.91	ng	# 81
45) 1,1'-Biphenyl	9.39	154	956771	44.52	ng	97
46) 2-Chloronaphthalene	9.42	162	778388	46.30	ng	97
47) 2-Nitroaniline	9.52	65	166415	29.44	ng	97
48) Acenaphthylene	9.84	152	1097843	37.80	ng	99
49) Dimethylphthalate	9.70	163	884192	44.23	ng	98
50) 2,6-Dinitrotoluene	9.77	165	224655	52.04	ng	# 83
51) Acenaphthene	10.01	154	788647	45.42	ng	97
52) 3-Nitroaniline	9.93	138	19437	3.93	ng	94
53) 2,4-Dinitrophenol	10.04	184	213918	96.38	ng	# 78
54) Dibenzofuran	10.18	168	1009943	43.49	ng	97
55) 4-Nitrophenol	10.11	139	296818	83.41	ng	91
56) 2,4-Dinitrotoluene	10.17	165	260109	45.26	ng	97
57) Fluorene	10.52	166	765519	42.84	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.30	232	222874	55.70	ng	95
59) Diethylphthalate	10.40	149	897680	47.65	ng	100
60) 4-Chlorophenyl-phenylether	10.52	204	372722	43.42	ng	# 72
61) 4-Nitroaniline	10.54	138	82800	16.36	ng	89
62) Azobenzene	10.67	77	848777	43.61	ng	96
64) 4,6-Dinitro-2-methylphenol	10.58	198	159754	51.23	ng	94
65) n-Nitrosodiphenylamine	10.64	169	217394	13.33	ng	99
66) 4-Bromophenyl-phenylether	11.00	248	231238	43.36	ng	91
67) Hexachlorobenzene	11.07	284	225831	42.85	ng	# 85
68) Atrazine	11.16	200	11228	2.15	ng	98
69) Pentachlorophenol	11.28	266	272831	98.46	ng	97
70) Phenanthrene	11.49	178	1357223	46.41	ng	98
71) Anthracene	11.54	178	1233112	41.99	ng	99
72) Carbazole	11.69	167	286799	10.22	ng	99
73) Di-n-butylphthalate	12.02	149	1465858	48.28	ng	98
74) Fluoranthene	12.68	202	1452167	48.14	ng	92
77) Pyrene	12.91	202	1362329	38.98	ng	99
79) Butylbenzylphthalate	13.53	149	672135	47.36	ng	# 75
80) Benzo(a)anthracene	14.10	228	1128917	39.53	ng	99
82) Chrysene	14.13	228	1057846	39.56	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	867955	44.72	ng	99
84) Di-n-octyl phthalate	14.69	149	1538041	48.67	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	765715	36.97	ng	# 93
87) Benzo(b)fluoranthene	15.15	252	1249281m	136.93	ng	
88) Benzo(k)fluoranthene	15.17	252	793636m	100.75	ng	
89) Benzo(a)pyrene	15.51	252	731351	92.67	ng	98
90) Dibenzo(a,h)anthracene	17.05	278	812245	127.34	ng	96
91) Benzo(g,h,i)perylene	17.48	276	599943	93.11	ng	# 96

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

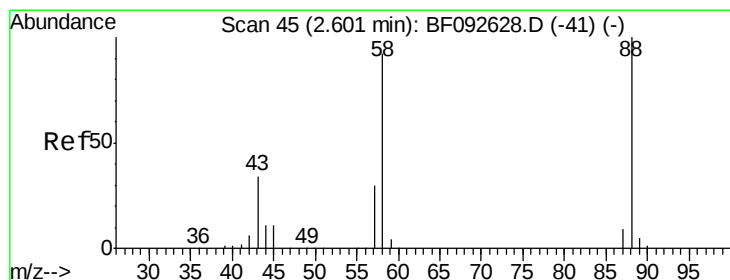
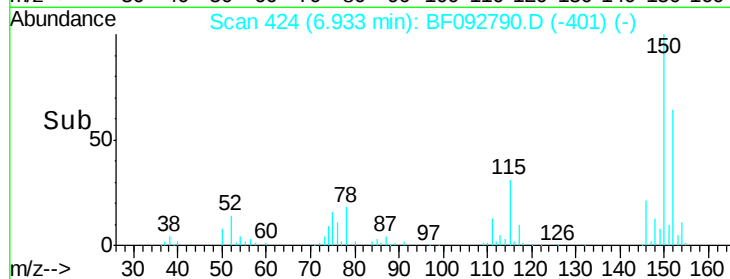
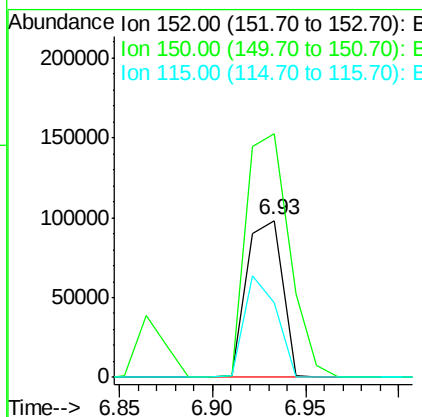
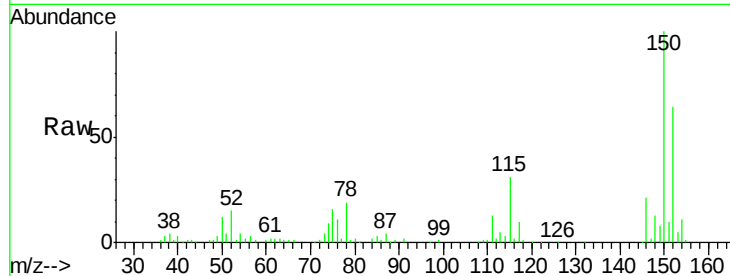
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	47.5	46.0	69.0

Manual Integrations
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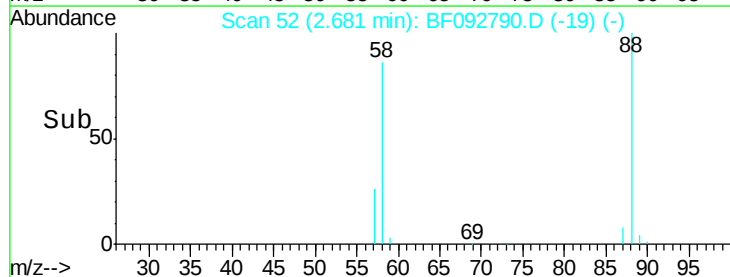
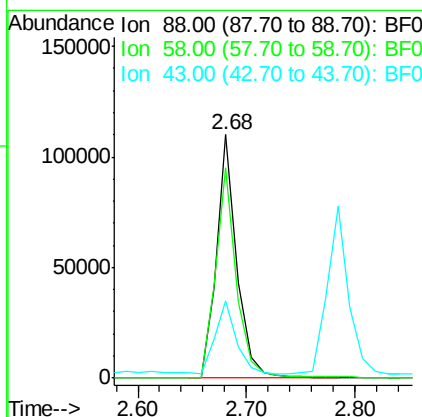
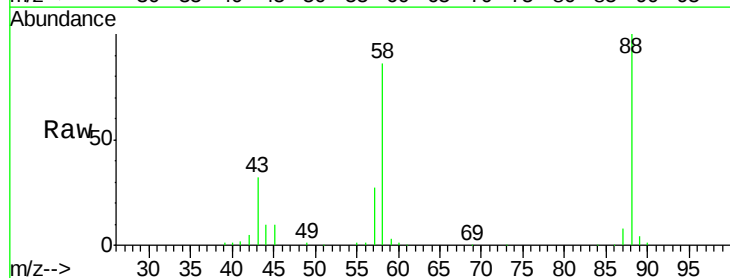
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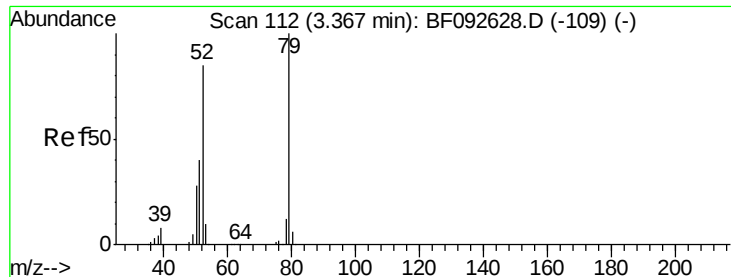


#2

1,4-Dioxane
Concen: 34.85 ng
RT: 2.68 min Scan# 52
Delta R.T. 0.08 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.2	57.8	86.8#
43	0.0	22.3	33.5#





#3

Pyridine

Concen: 28.65 ng

RT: 3.41 min Scan# 116

Delta R.T. 0.05 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

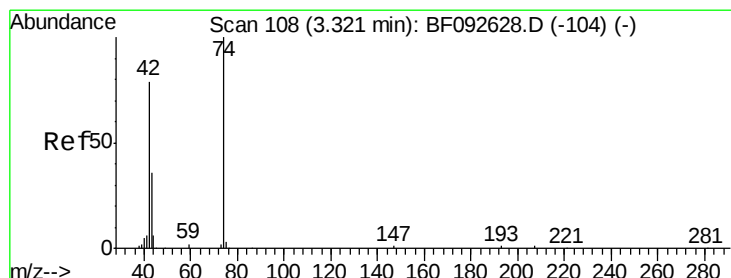
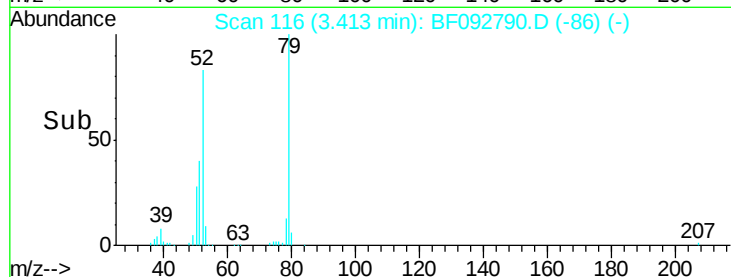
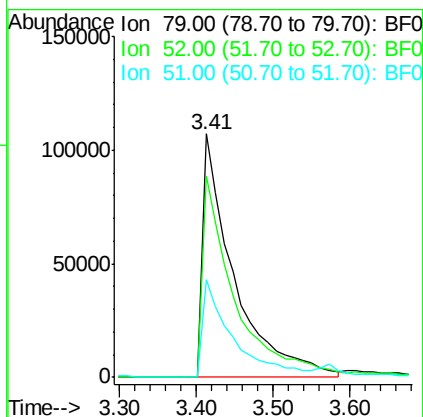
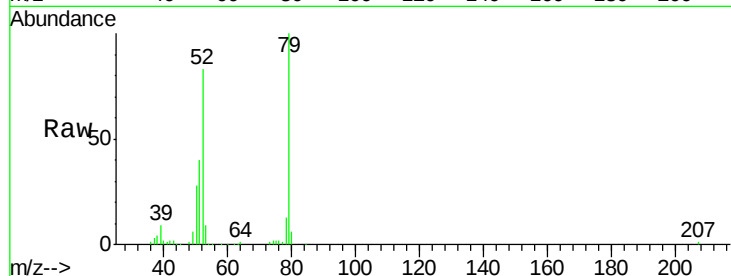
WC-B6-B7-001MS

Tgt Ion:	79	Resp:	299744
Ion Ratio	Lower	Upper	
79	100		
52	82.8	57.1	85.7
51	40.3	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 51.79 ng

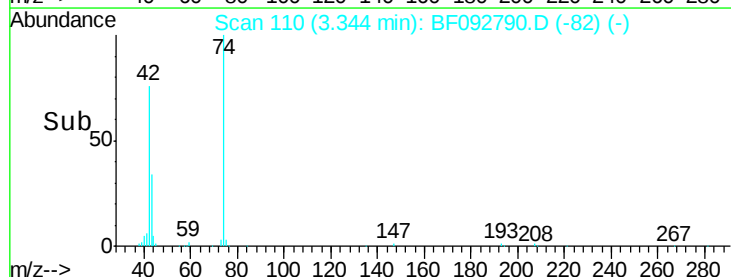
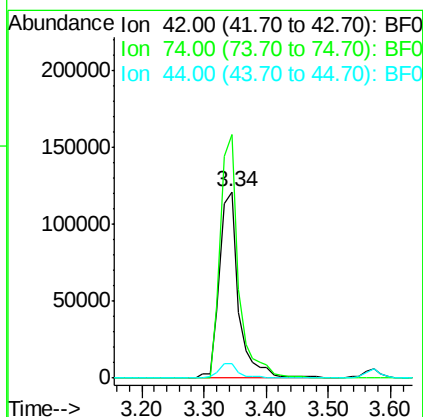
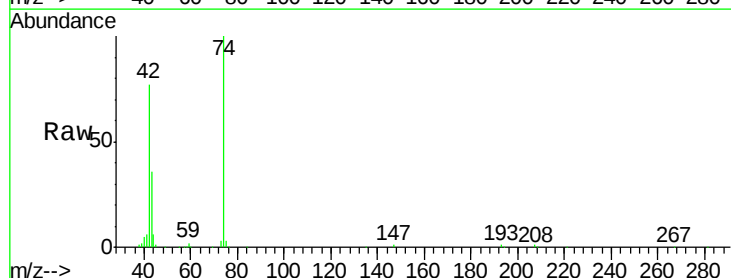
RT: 3.34 min Scan# 110

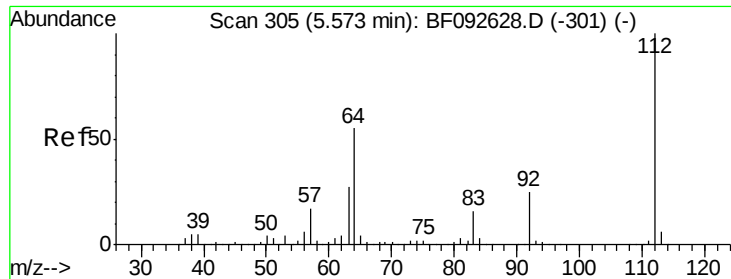
Delta R.T. 0.02 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Tgt Ion:	42	Resp:	254439
Ion Ratio	Lower	Upper	
42	100		
74	130.6	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 133.34 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001MS

Tgt Ion: 112 Resp: 1015398

Ion Ratio Lower Upper

112 100

64 53.4 46.1 69.1

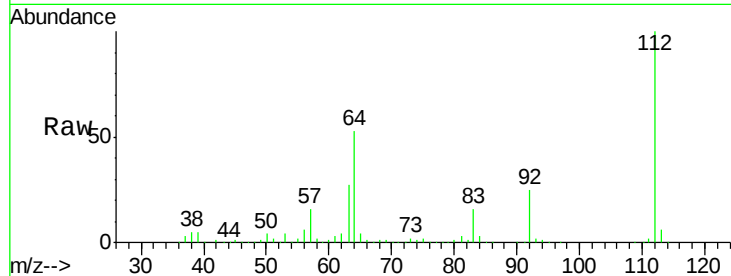
63 26.7 23.8 35.6

Manual Integrations

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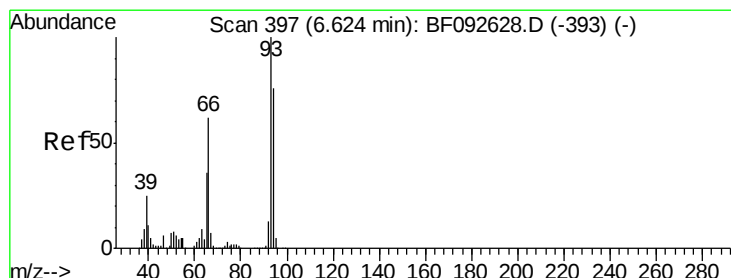
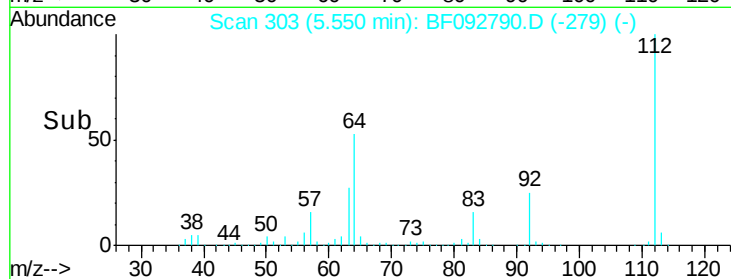
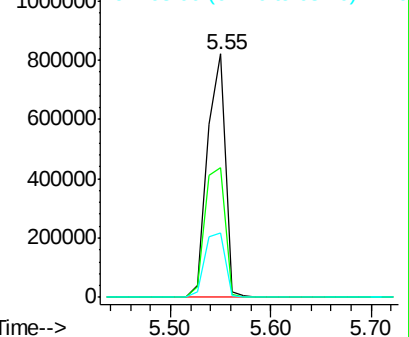
2/6/2017 12:34:03 PM



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: 3.01 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

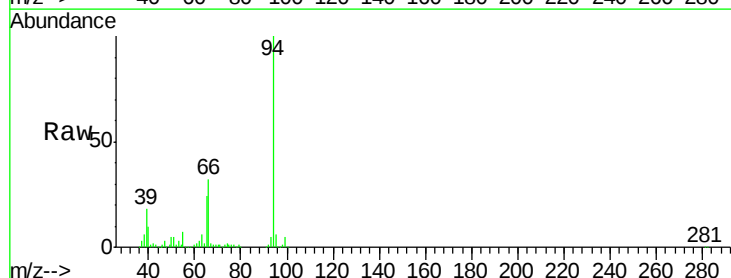
Tgt Ion: 93 Resp: 40253

Ion Ratio Lower Upper

93 100

66 645.2 76.2 114.2#

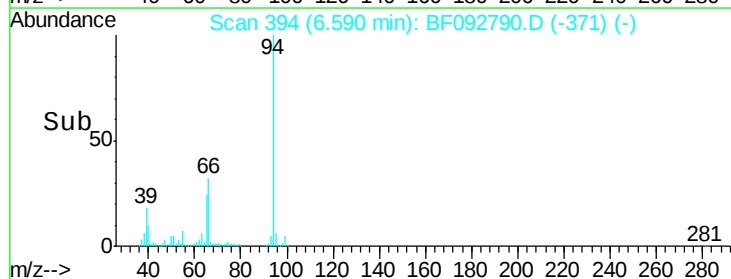
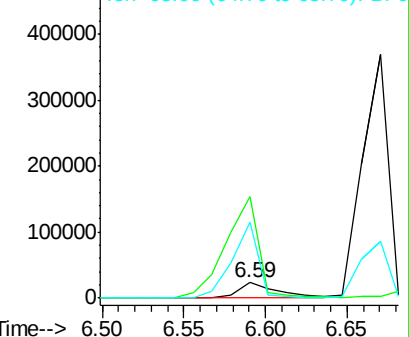
65 480.2 49.3 73.9#

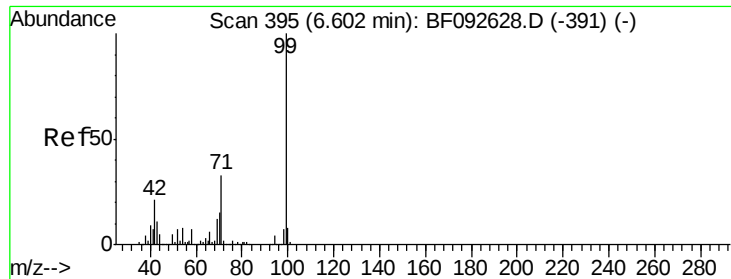


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.15 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001MS

Tgt Ion: 99 Resp: 1226230

Ion Ratio Lower Upper

99 100

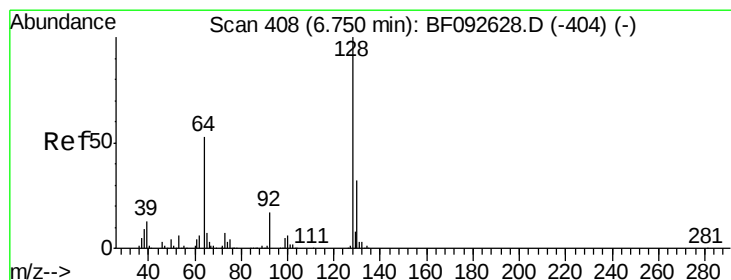
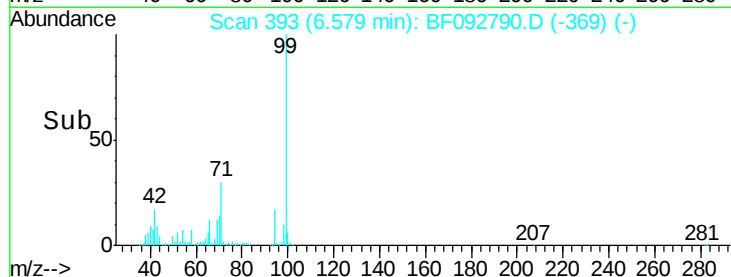
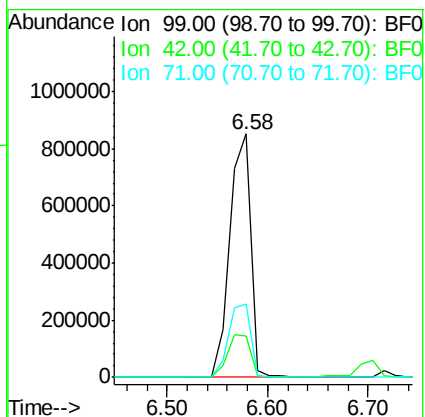
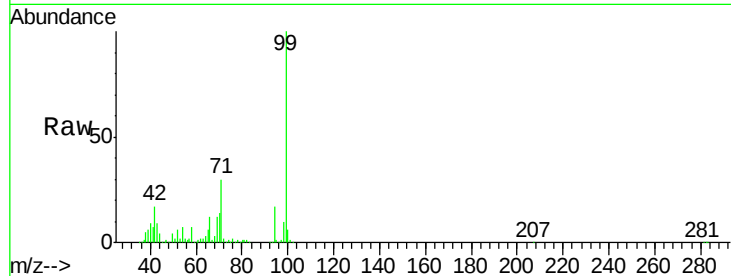
42 17.2 15.6 23.4

71 29.9 27.5 41.3

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#8

2-Chlorophenol

Concen: 46.29 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

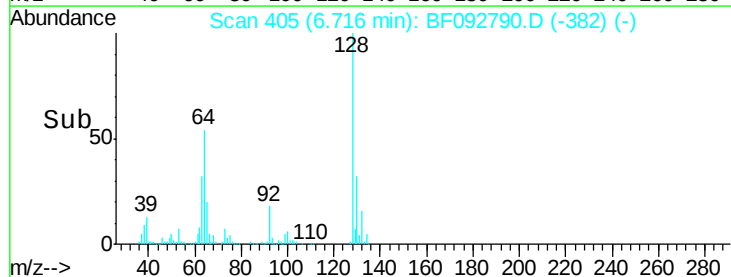
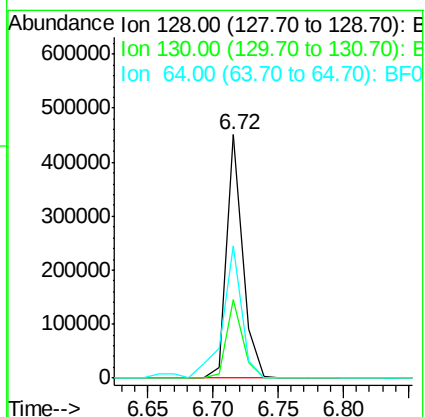
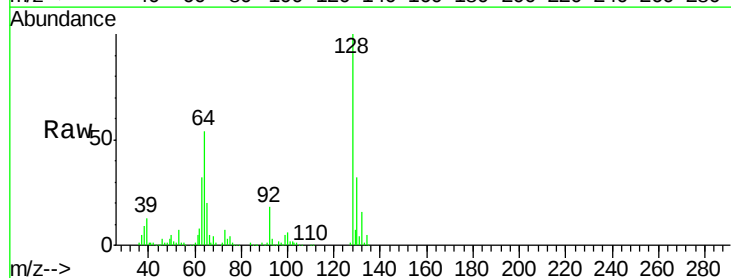
Tgt Ion: 128 Resp: 388846

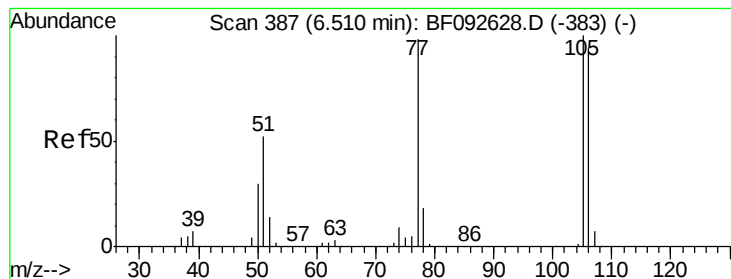
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 54.1 32.2 72.2





#9

Benzaldehyde

Concen: 28.35 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001MS

Tgt Ion: 77 Resp: 199022

Ion Ratio Lower Upper

77 100

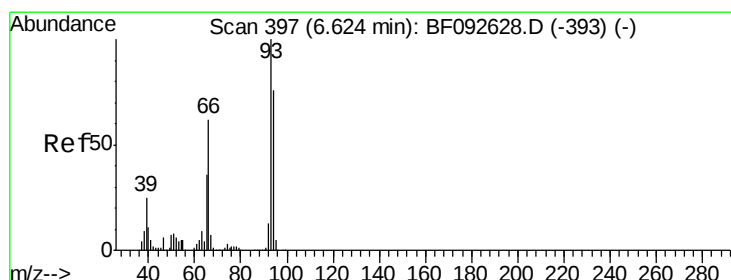
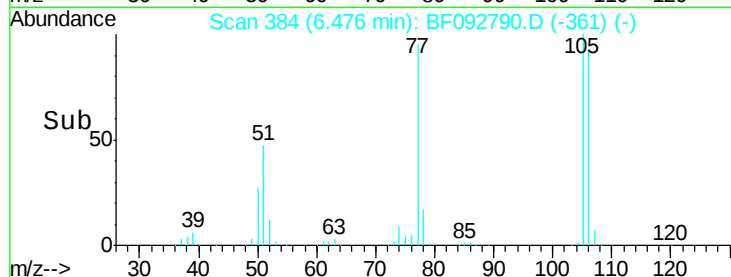
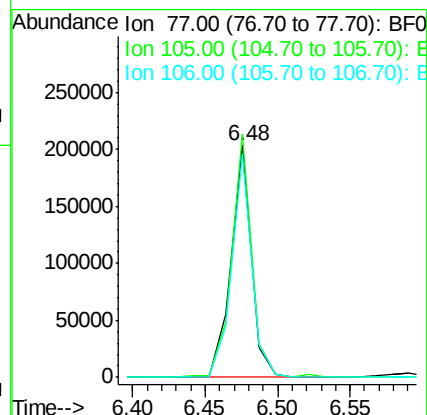
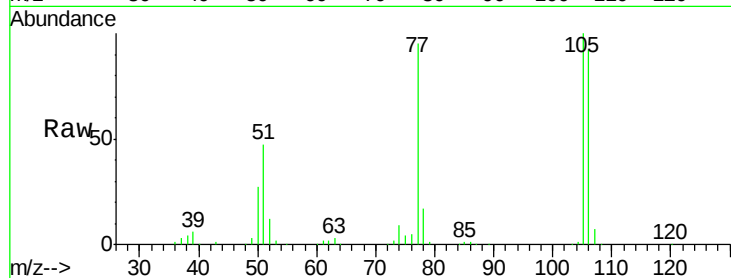
105 105.1 83.9 123.9

106 96.6 77.6 117.6

Manual Integrations
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#10

Phenol

Concen: 38.61 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

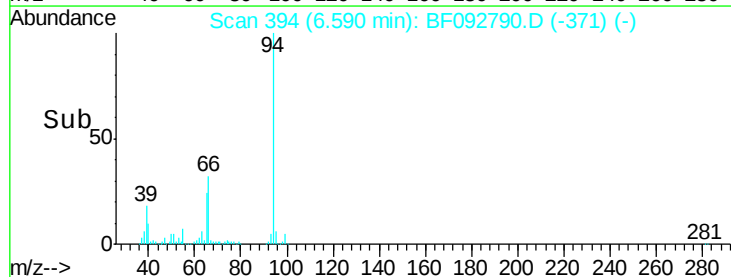
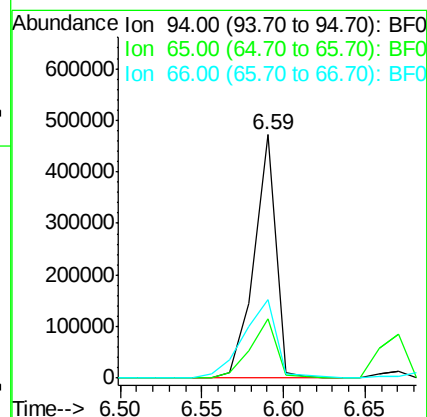
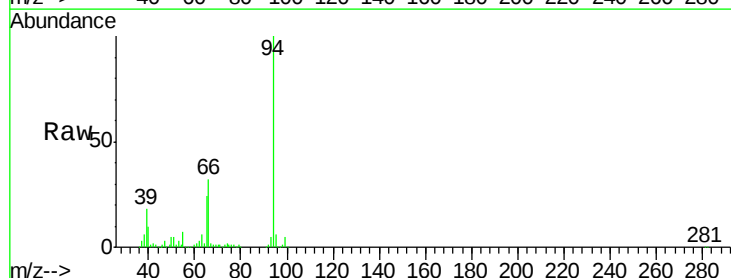
Tgt Ion: 94 Resp: 442640

Ion Ratio Lower Upper

94 100

65 24.2 21.4 61.4

66 32.5 44.0 84.0#





#11
bis(2-Chloroethyl)ether
Concen: 43.82 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.02 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

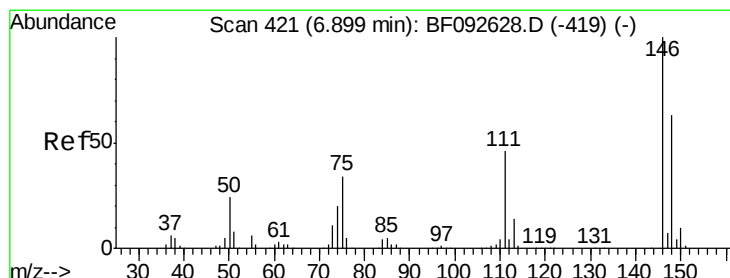
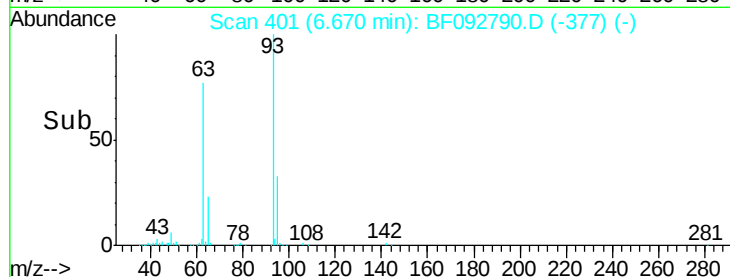
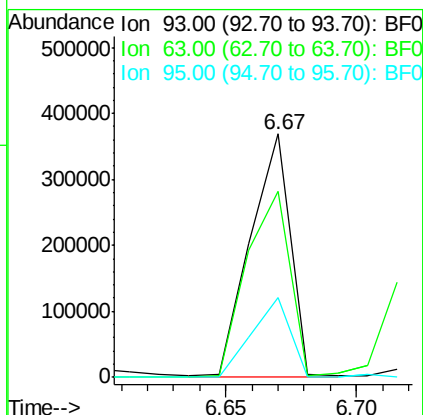
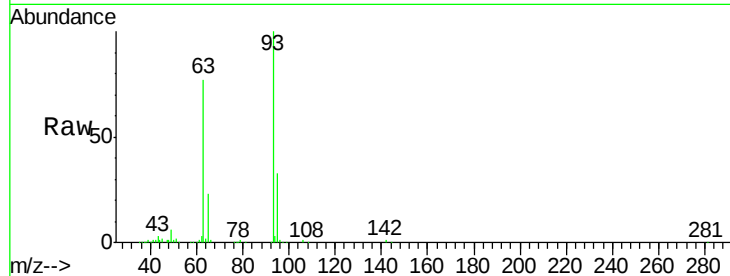
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.6	60.4	100.4
95	32.7	12.8	52.8

Manual Integrations
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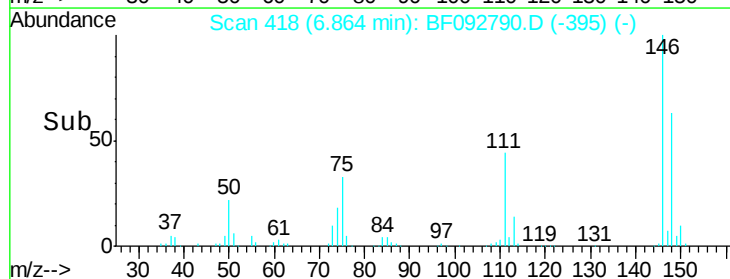
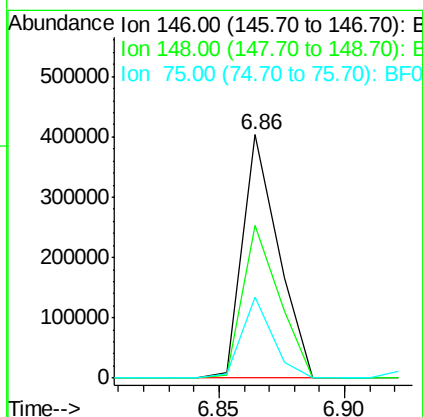
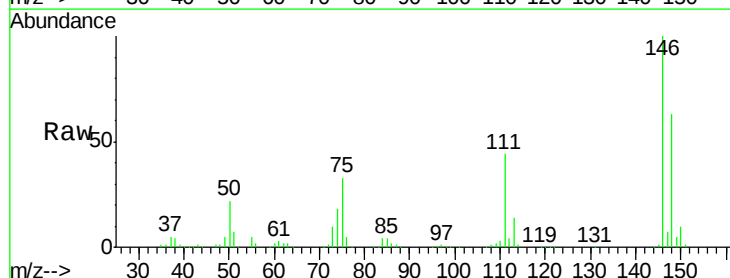
mohammad

2/6/2017 12:34:03 PM



#12
1,3-Dichlorobenzene
Concen: 40.50 ng m
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	53.4	80.0
75	33.2	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 42.08 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

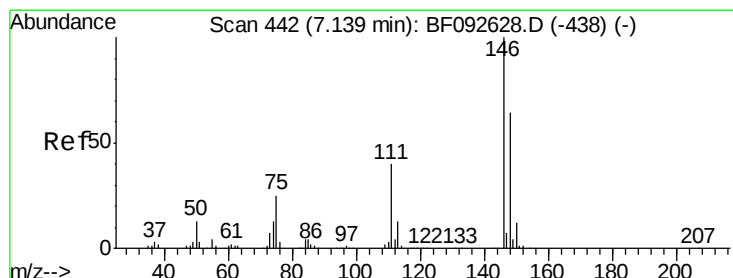
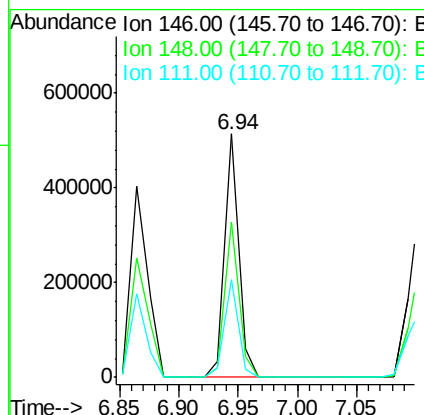
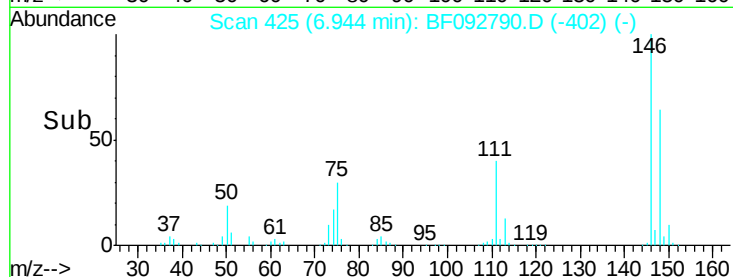
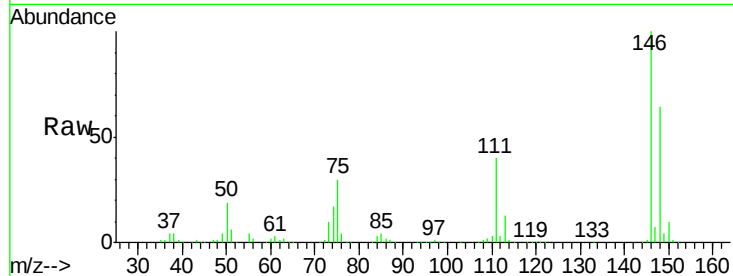
WC-B6-B7-001MS

Tgt Ion:	146	Resp:	419085
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	76.0
111	40.2	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.74 ng

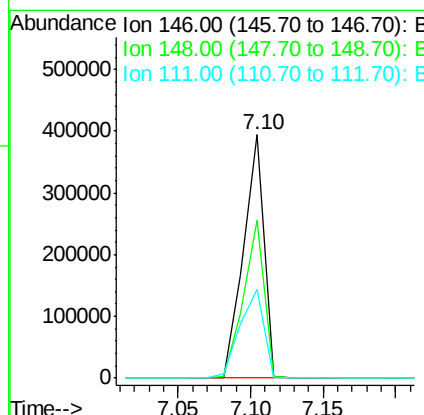
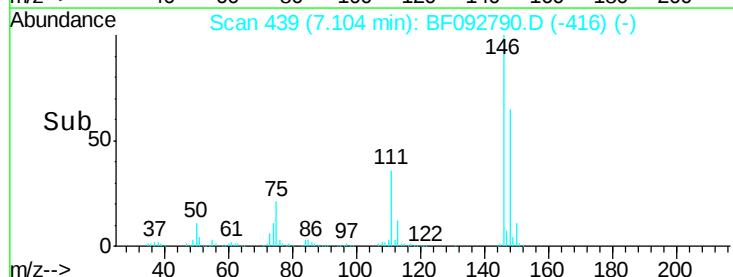
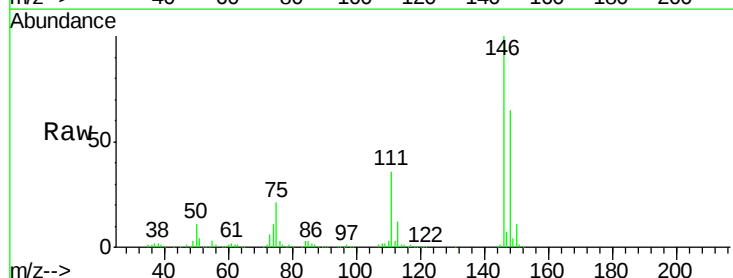
RT: 7.10 min Scan# 439

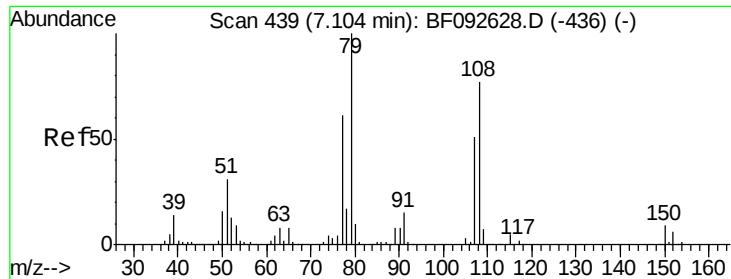
Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Tgt Ion:	146	Resp:	387994
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.2	78.2
111	36.4	36.2	54.2





#15

Benzyl Alcohol

Concen: 26.17 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Tgt Ion:	79	Resp:	189861
Ion Ratio	Lower	Upper	
79	100		
108	76.1	61.4	92.0
77	60.5	50.9	76.3

Instrument :

BNA_F

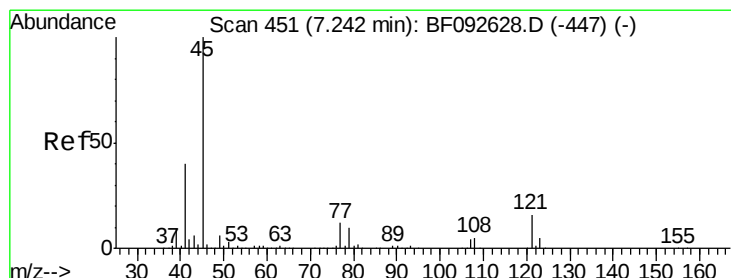
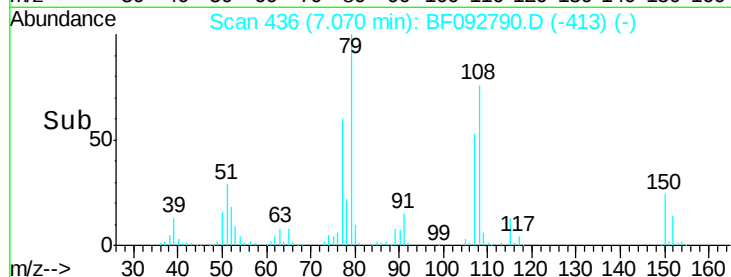
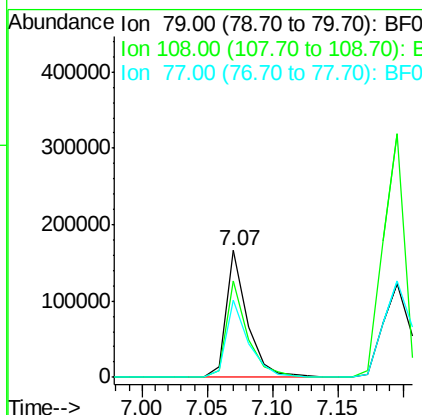
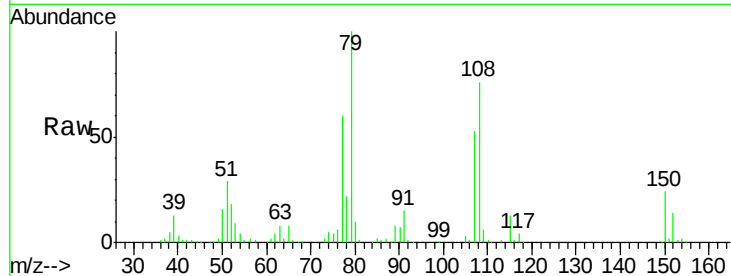
ClientSampleId :

WC-B6-B7-001MS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.99 ng

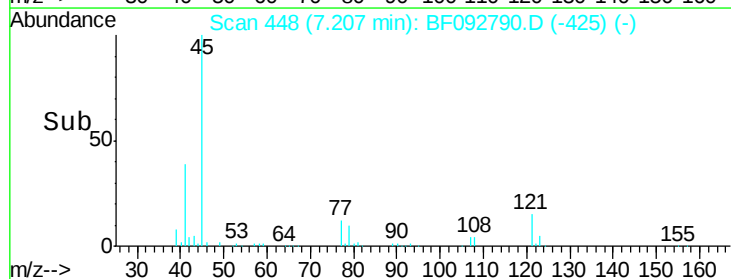
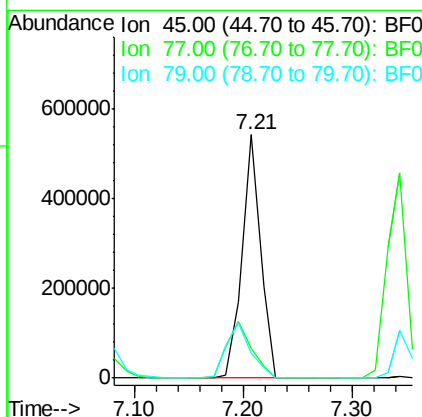
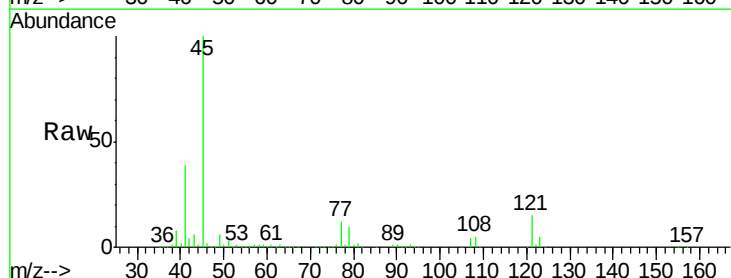
RT: 7.21 min Scan# 448

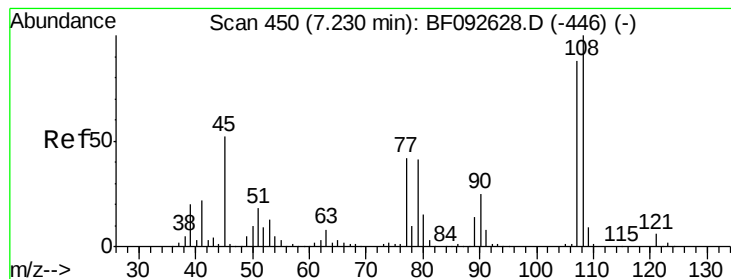
Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Tgt Ion:	45	Resp:	635637
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	34.6
79	9.9	0.0	31.2





#17
2-Methylphenol
Concen: 45.17 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

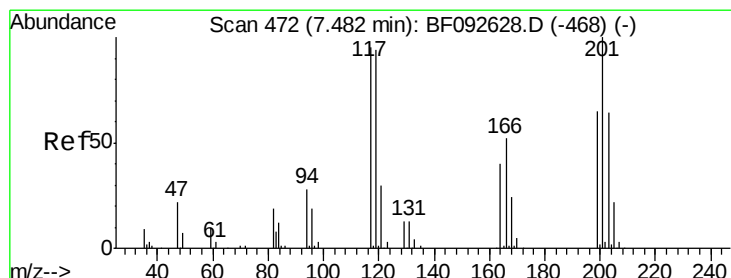
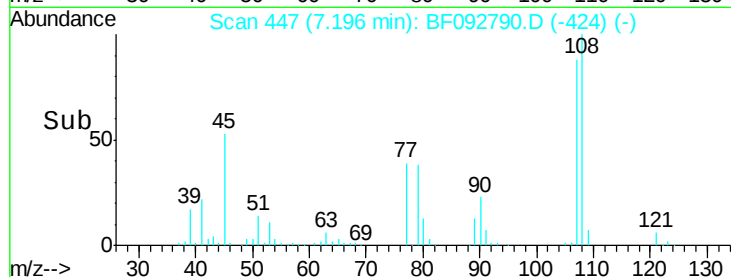
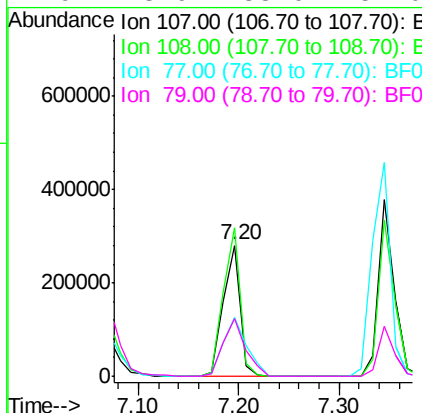
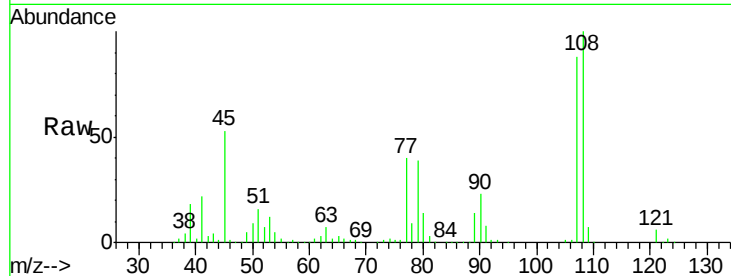
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion:	107	Resp:	325560
Ion Ratio	Lower	Upper	
107	100		
108	113.5	93.0	139.6
77	45.2	39.8	59.8
79	43.9	38.0	57.0

Manual Integrations
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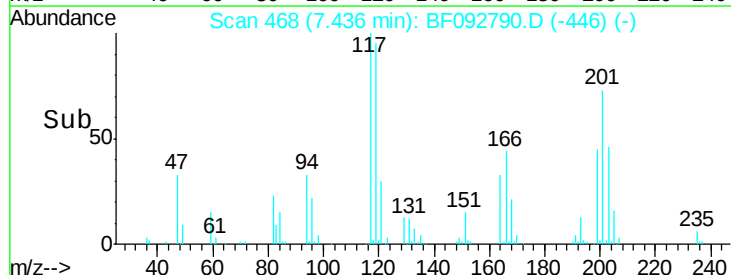
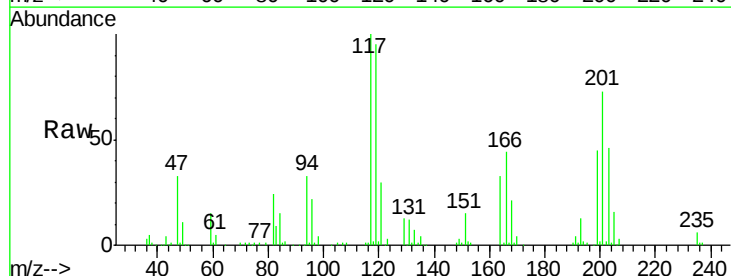
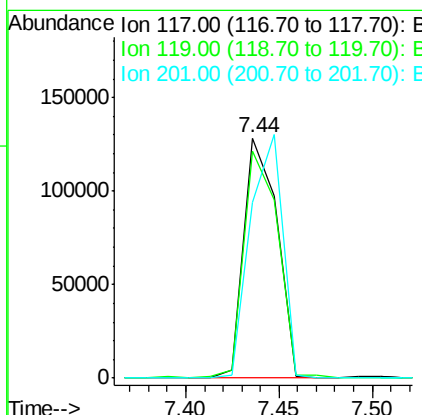
mohammad

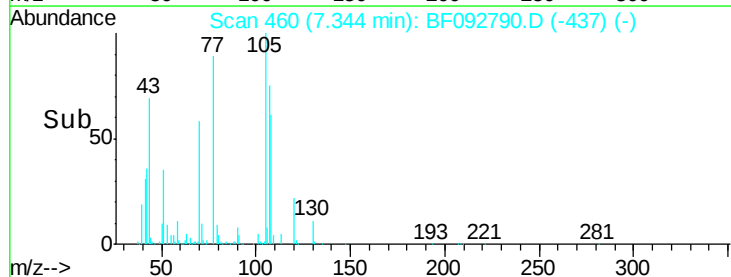
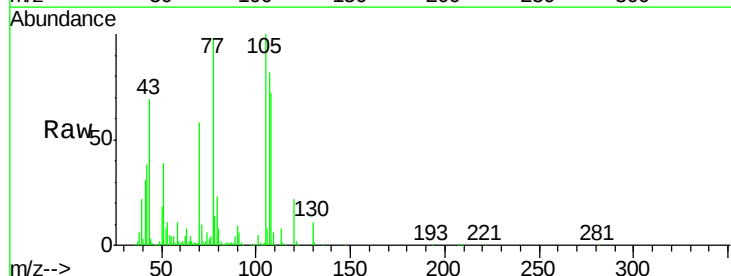
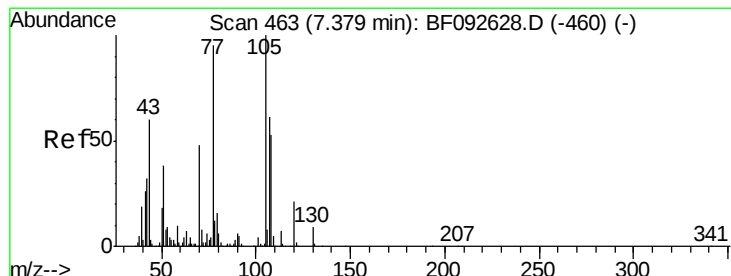
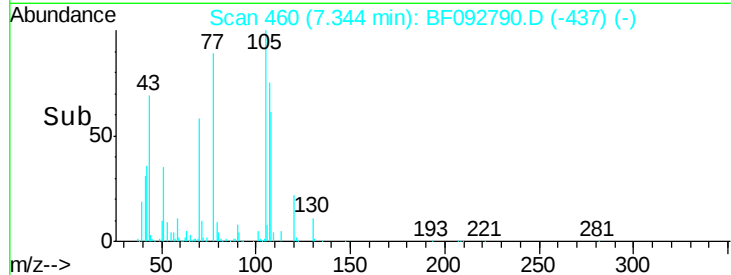
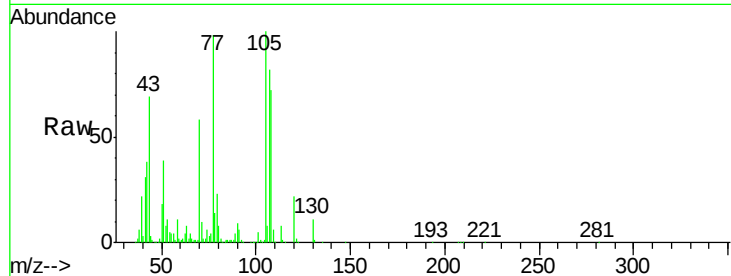
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#18
Hexachloroethane
Concen: 46.61 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

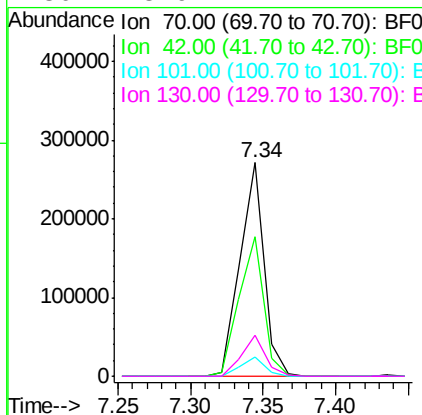
Tgt Ion:	117	Resp:	158467
Ion Ratio	Lower	Upper	
117	100		
119	94.7	78.1	117.1
201	73.3	78.6	117.8#





#19
n-Nitroso-di-n-propylamine
Concen: 50.13 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	312662		
42	65.6	49.4	74.0	
101	8.7	7.4	11.2	
130	18.9	14.2	21.4	



Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

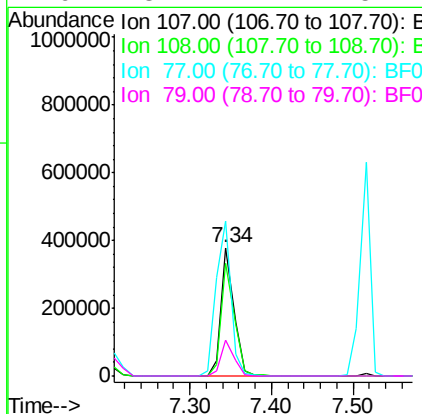
Manual Integrations
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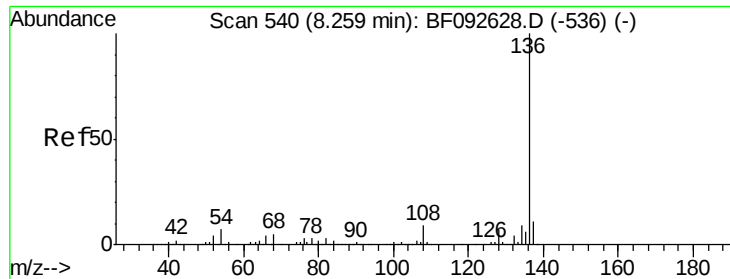
mohammad

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#20
3+4-Methylphenols
Concen: 48.87 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	421142		
108	88.0	73.0	113.0	
77	120.6	71.3	111.3#	
79	28.2	11.1	51.1	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

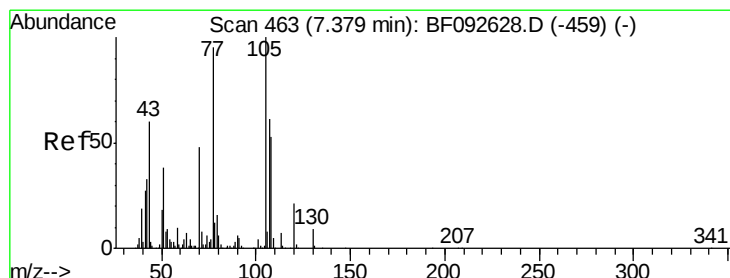
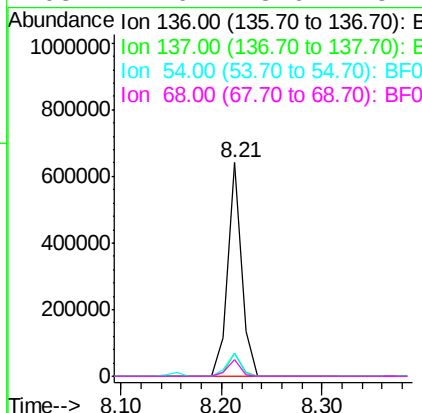
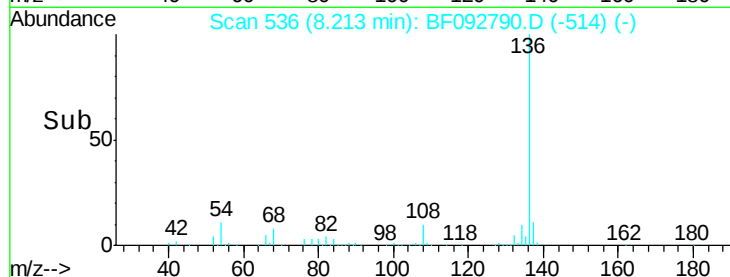
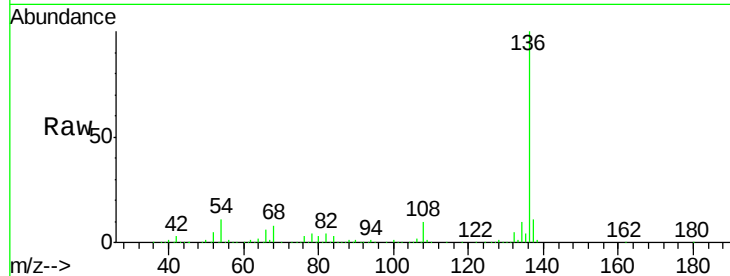
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	614988		
137	11.0	8.4	12.6	
54	10.8	4.5	6.7#	
68	7.6	3.6	5.4#	

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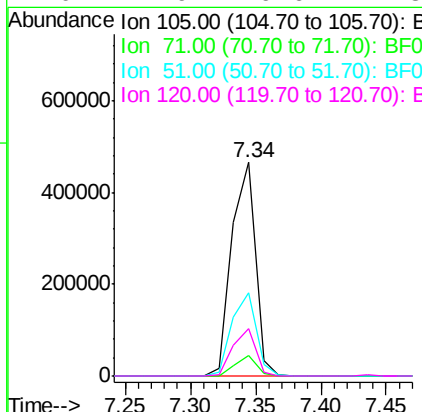
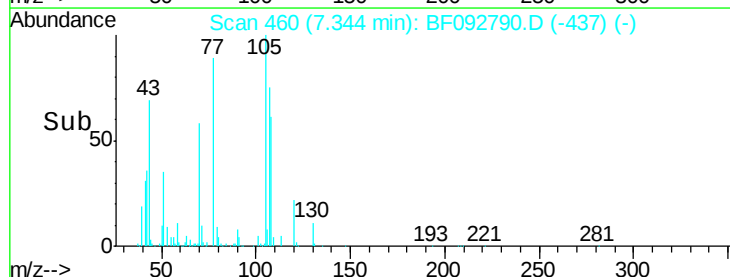
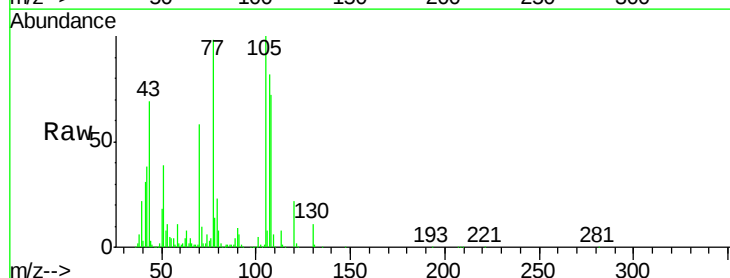
mohammad

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#22
Acetophenone
Concen: 41.91 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	588422		
71	9.7	3.2	4.8#	
51	38.8	26.2	39.4	
120	21.9	16.6	24.8	





#23
 Nitrobenzene-d5
 Concen: 87.48 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

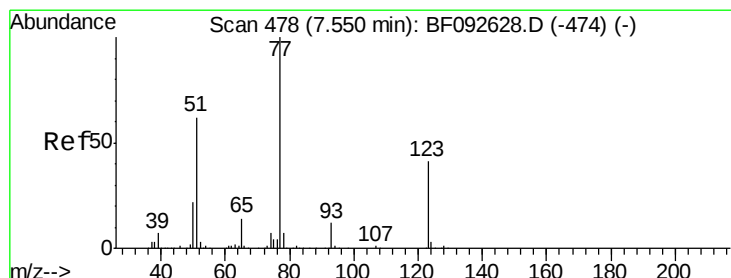
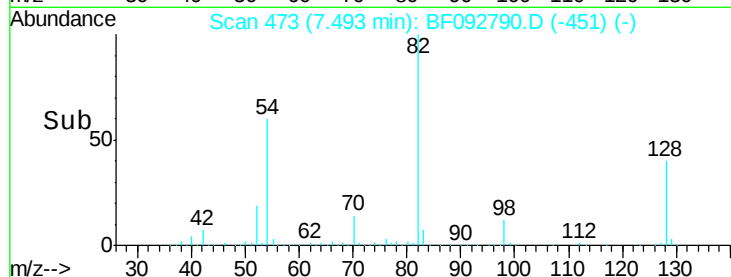
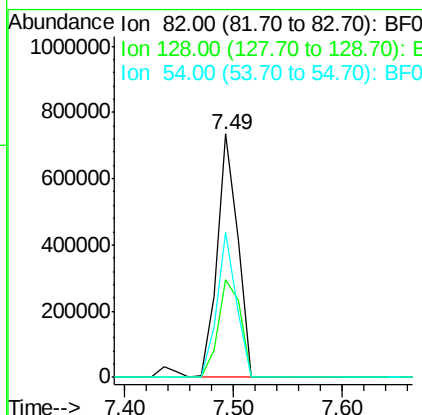
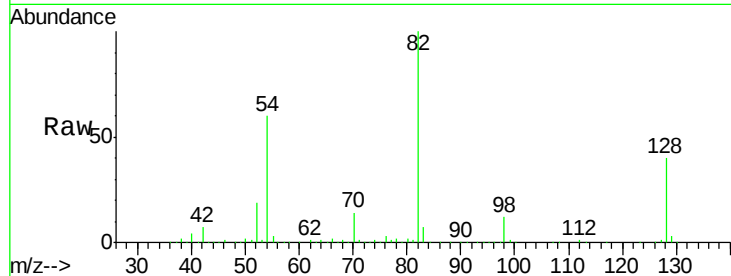
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	52.0
54	59.7	39.5	59.3

Manual Integrations
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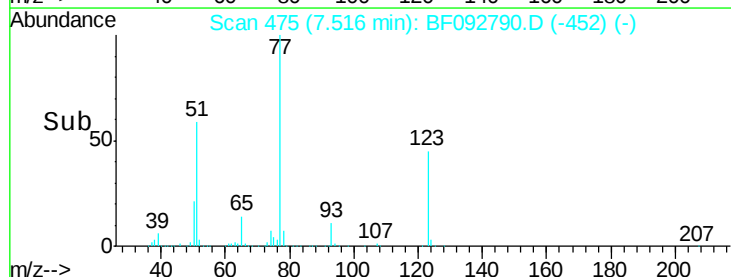
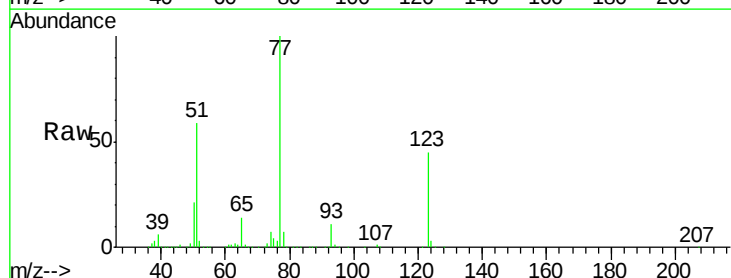
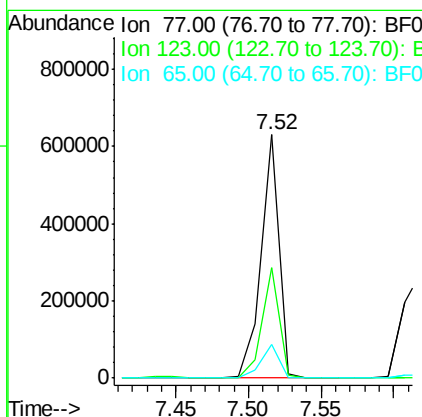
mohammad

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#24
 Nitrobenzene
 Concen: 47.58 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 47.96 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001MS

Tgt Ion: 82 Resp: 986977
Ion Ratio Lower Upper

82 100

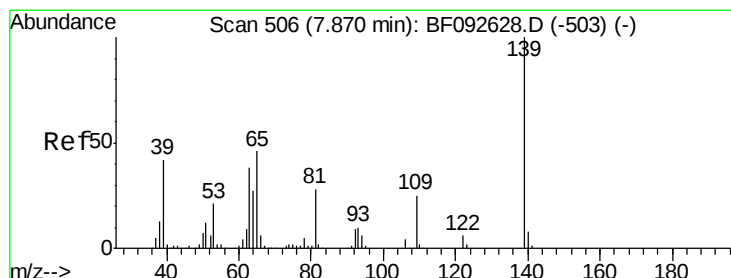
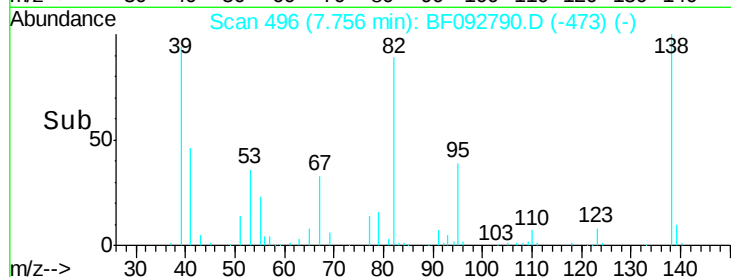
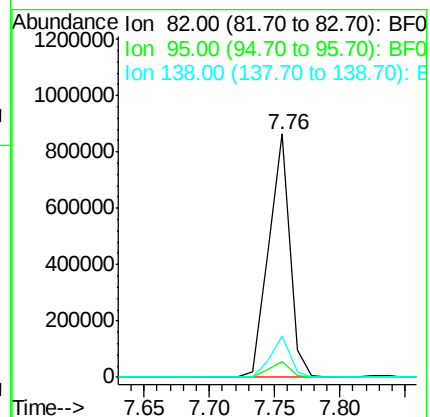
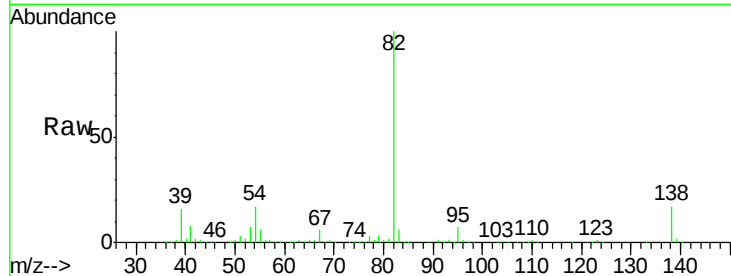
95 6.6 5.6 8.4

138 16.7 14.6 22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.39 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.03 min

Lab File: BF092790.D

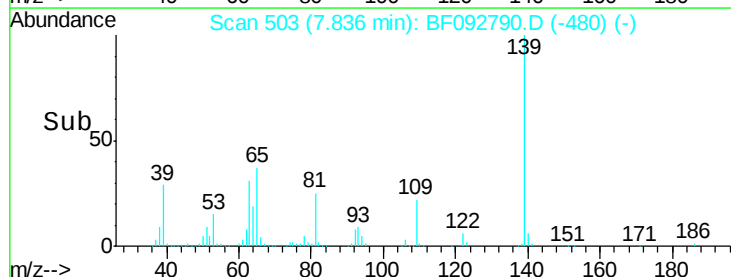
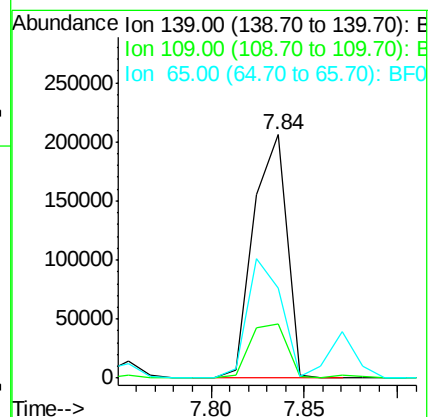
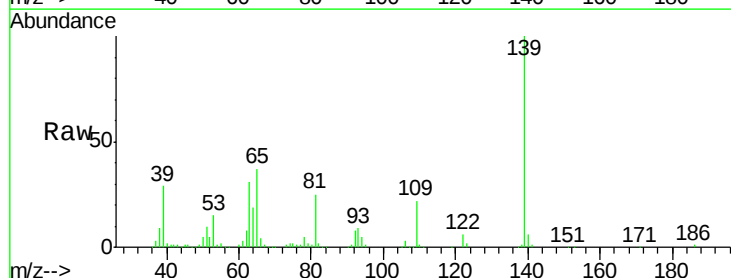
Acq: 3 Feb 2017 22:05

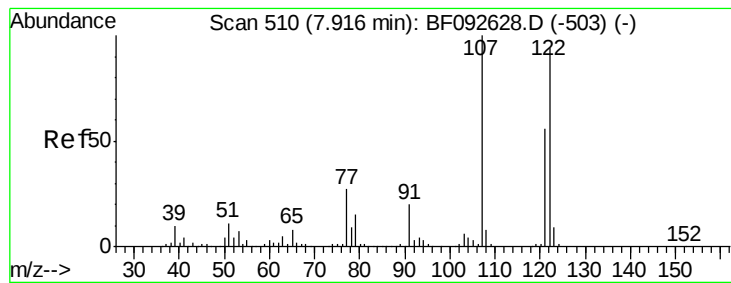
Tgt Ion: 139 Resp: 255439
Ion Ratio Lower Upper

139 100

109 22.4 23.3 34.9#

65 36.9 42.7 64.1#





#27
2,4-Dimethylphenol
Concen: 42.96 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

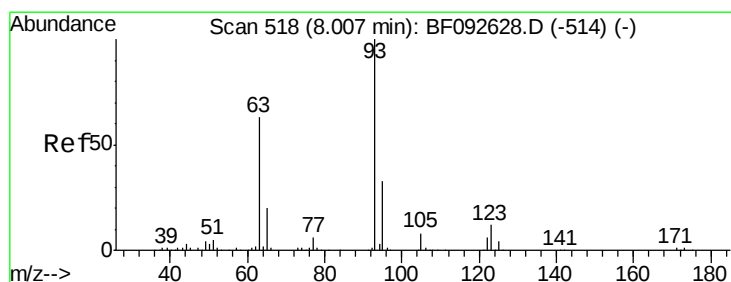
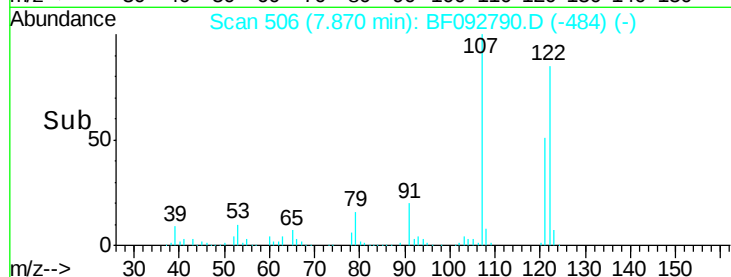
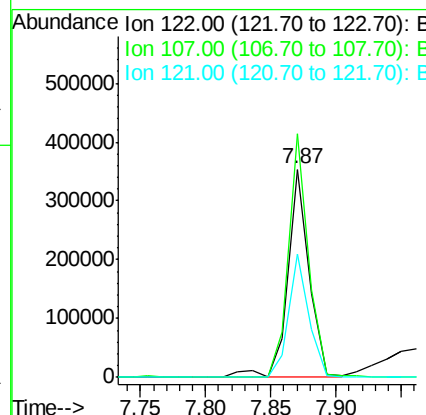
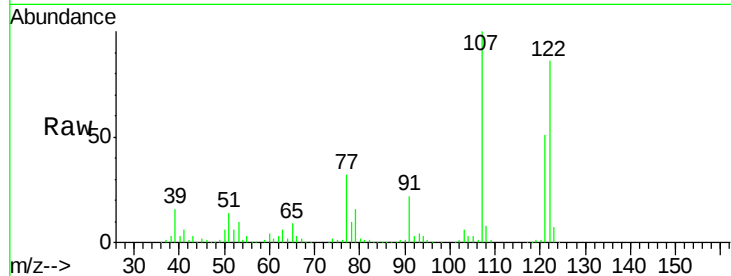
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	406696		
107	117.0	94.1	141.1	
121	59.1	46.0	69.0	

Manual Integrations
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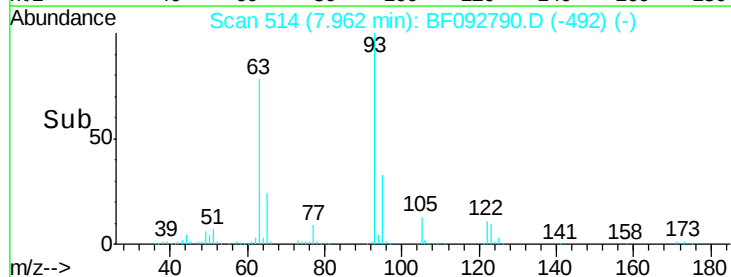
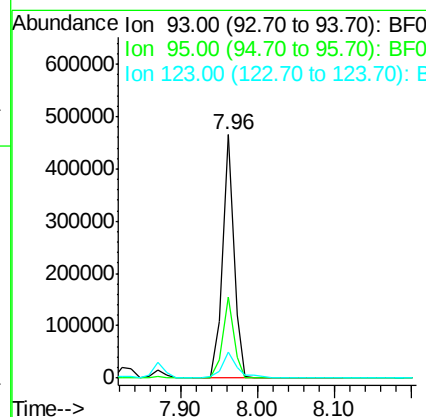
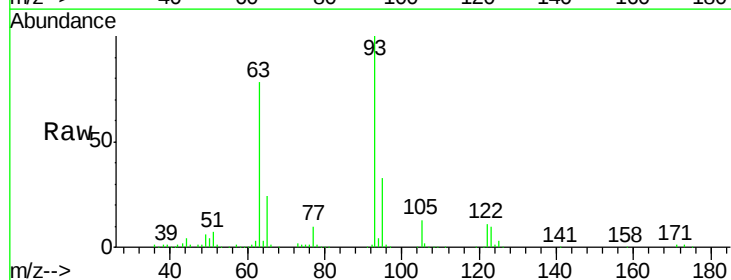
mohammad

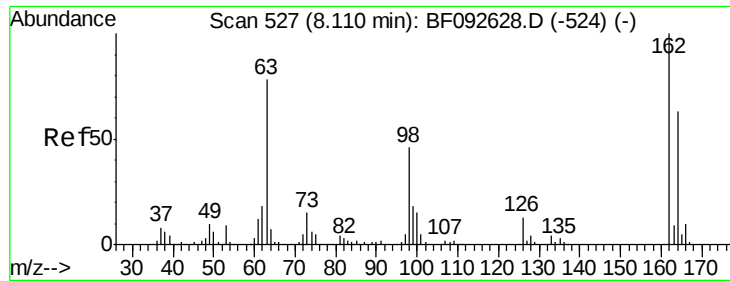
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#28
bis(2-Chloroethoxy)methane
Concen: 35.48 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	483518		
95	33.2	26.5	39.7	
123	10.5	8.6	13.0	





#29
2,4-Dichlorophenol
Concen: 45.64 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

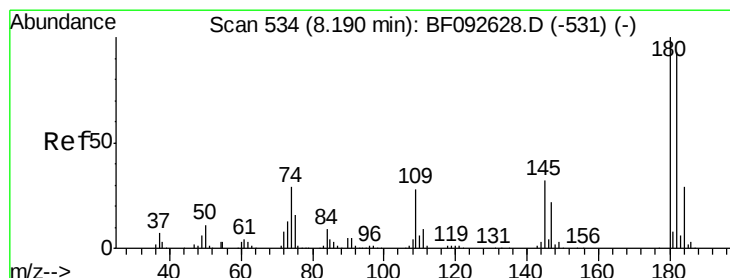
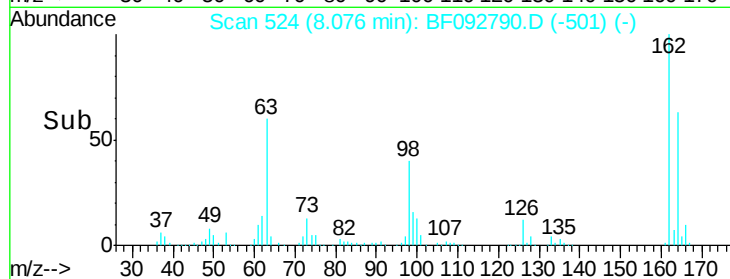
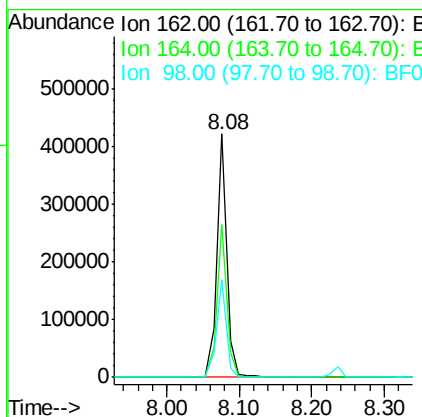
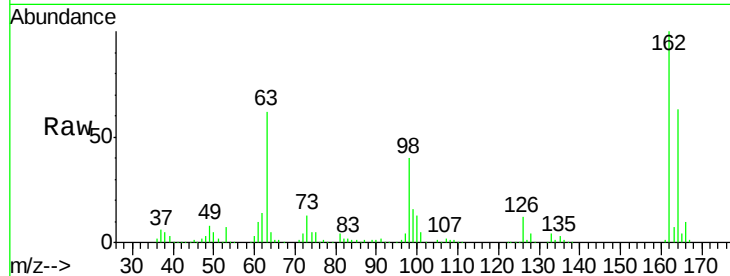
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	402923		
164	62.6	46.8	86.8	
98	39.9	9.1	49.1	

Manual Integrations
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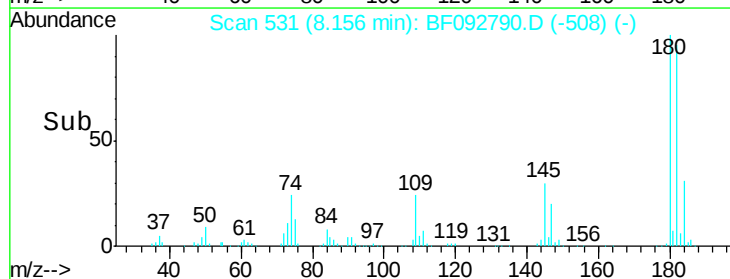
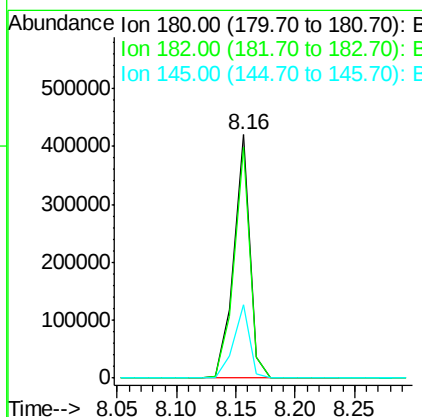
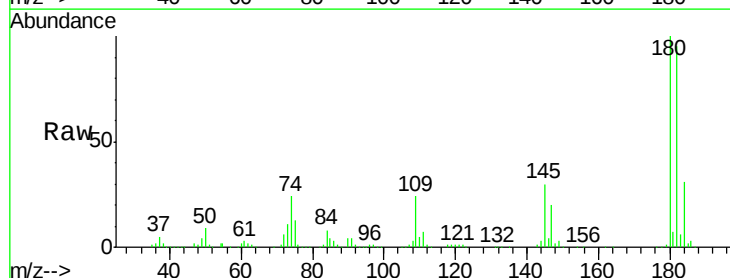
mohammad

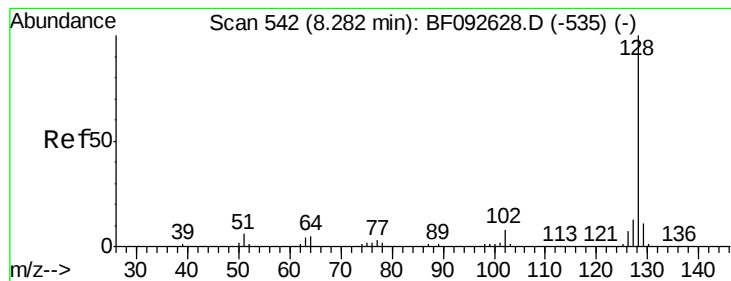
2/6/2017 12:34:03 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.61 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	395878		
182	94.7	78.2	117.4	
145	29.9	21.6	32.4	





#31

Naphthalene

Concen: 40.88 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.05 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001MS

Tgt Ion:128 Resp: 1274490

Ion Ratio Lower Upper

128 100

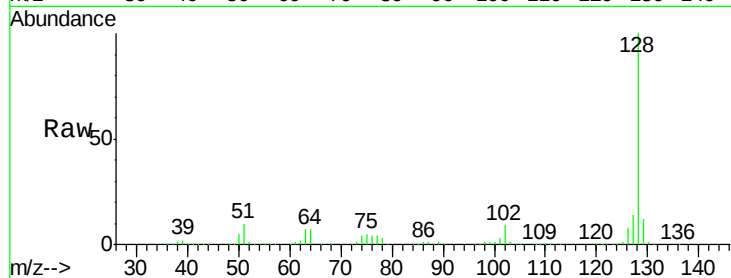
129 11.6 9.5 14.3

127 13.9 10.8 16.2

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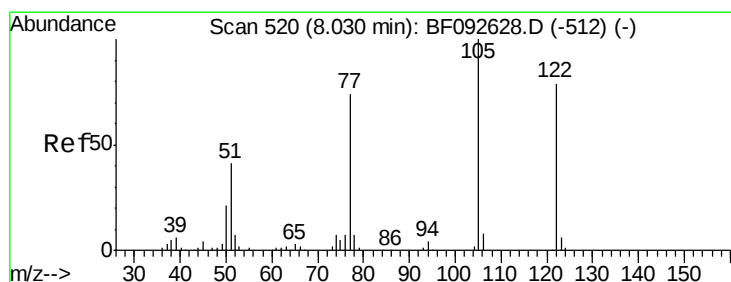
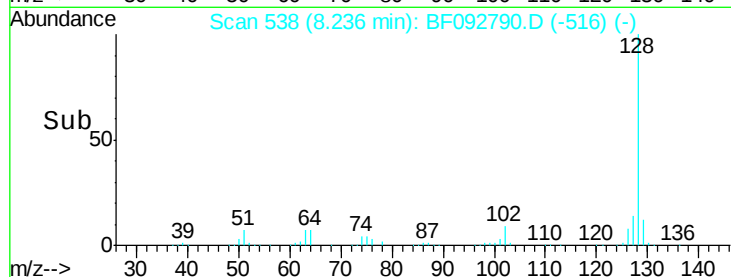
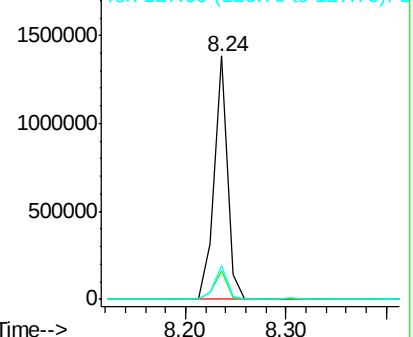
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.47 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

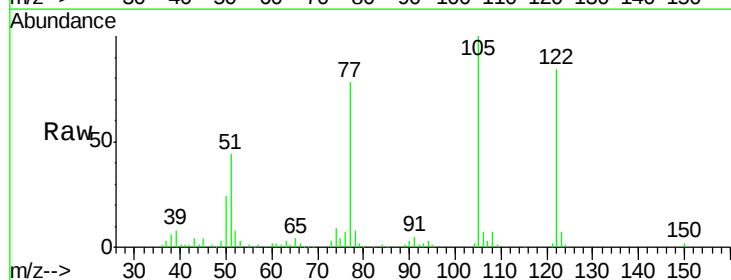
Tgt Ion:122 Resp: 279362

Ion Ratio Lower Upper

122 100

105 118.4 107.2 147.2

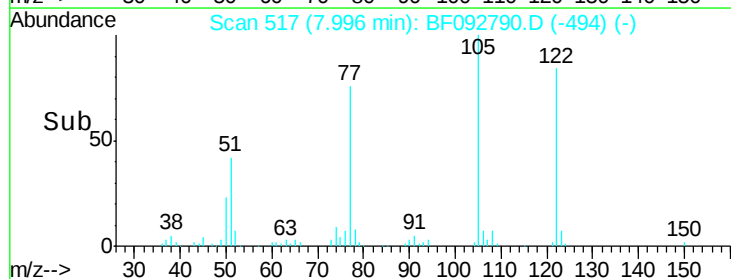
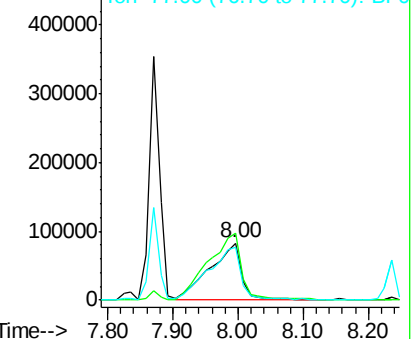
77 92.1 74.5 114.5

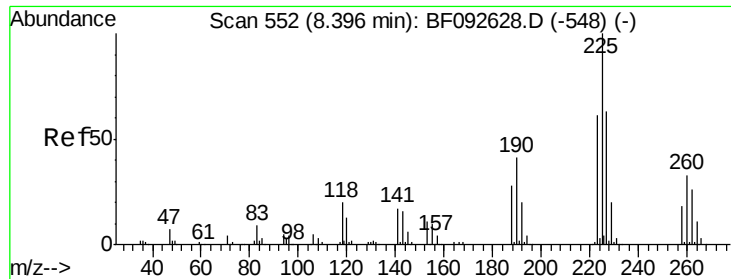


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#34
Hexachlorobutadiene
Concen: 38.25 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

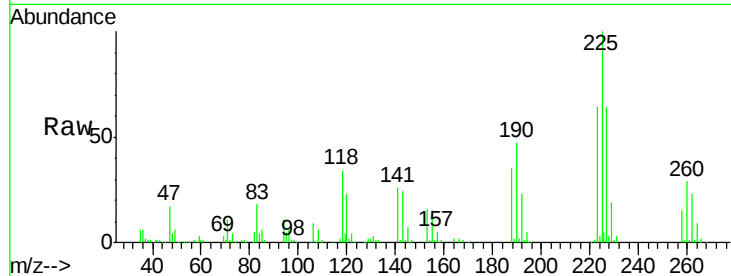
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.1	51.0	76.6
227	64.3	50.6	76.0

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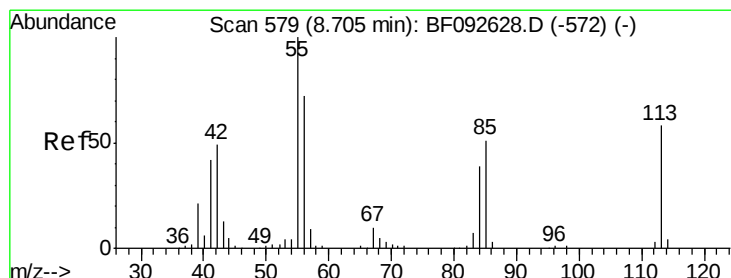
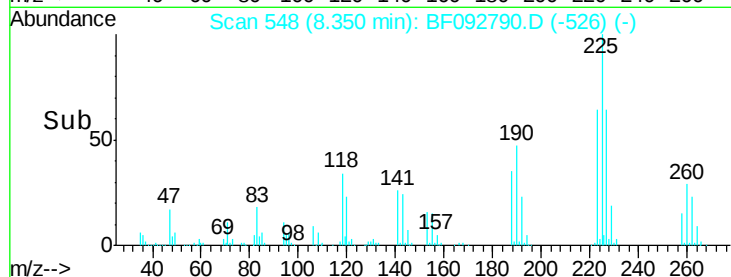
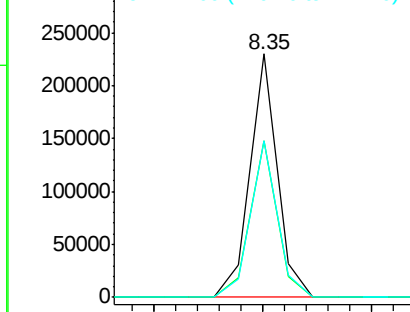


Abundance

Ion 225.00 (224.70 to 225.70): E

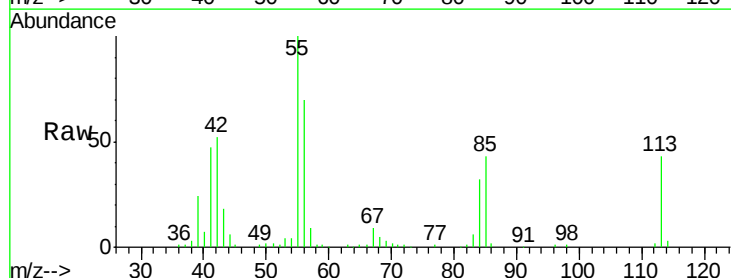
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35
Caprolactam
Concen: 44.93 ng m
RT: 8.66 min Scan# 575
Delta R.T. -0.05 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
55	233.4	119.2	159.2#
56	163.7	83.8	123.8#

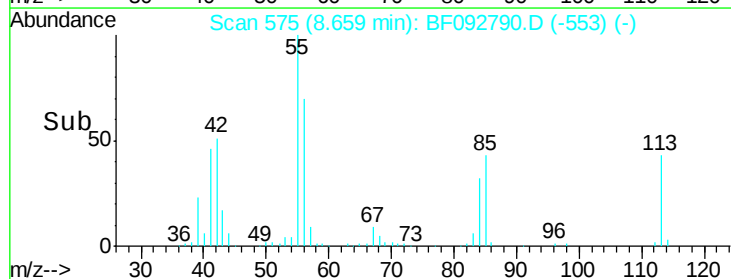
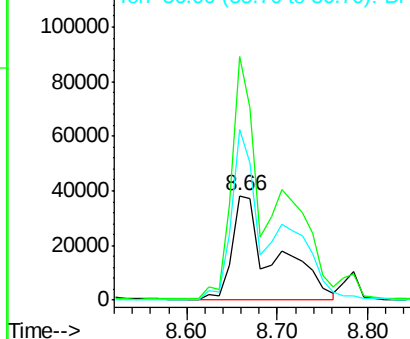


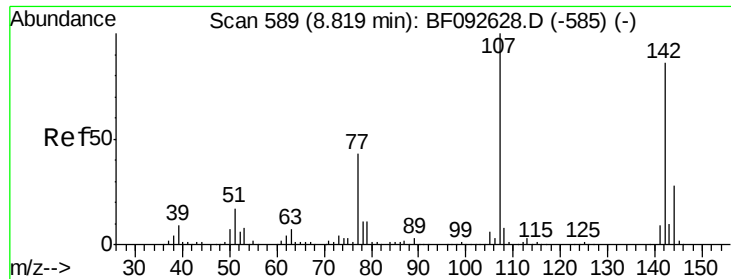
Abundance

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: 50.70 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

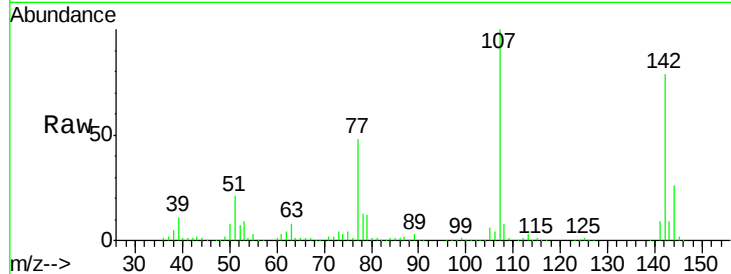
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion:107 Resp: 466675
Ion Ratio Lower Upper
107 100
144 25.5 19.3 28.9
142 79.1 59.0 88.6

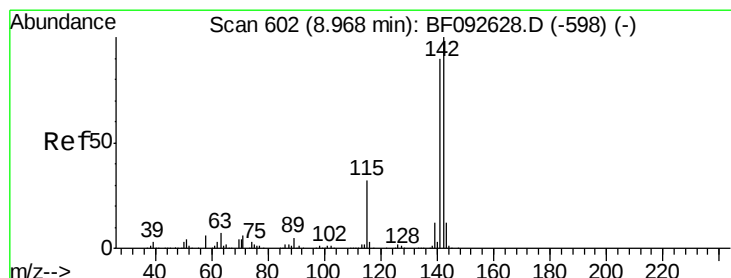
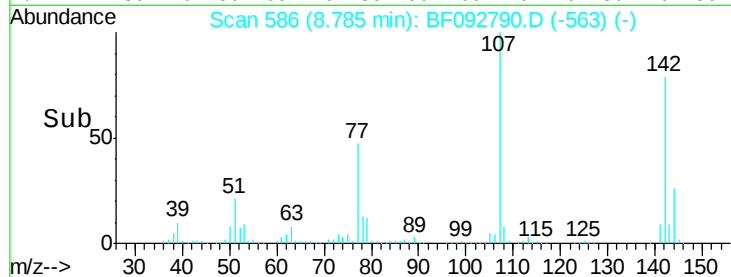
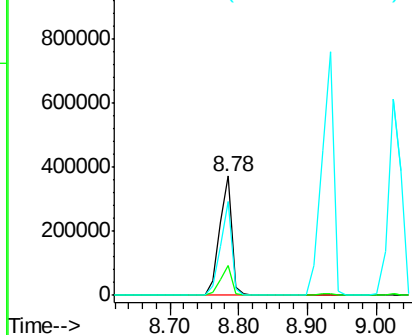
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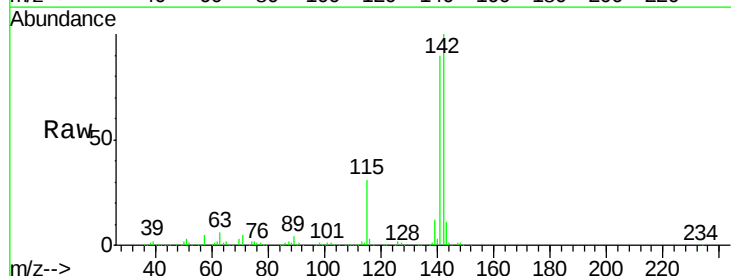


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

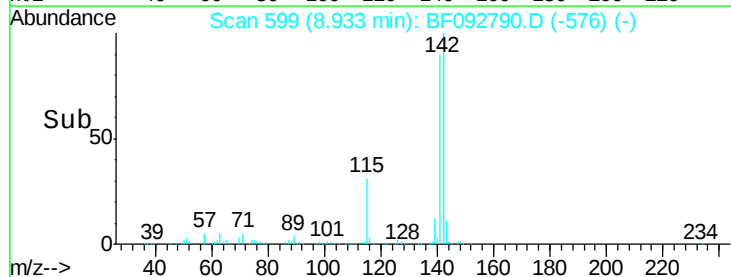
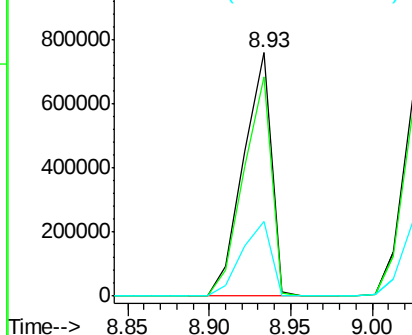


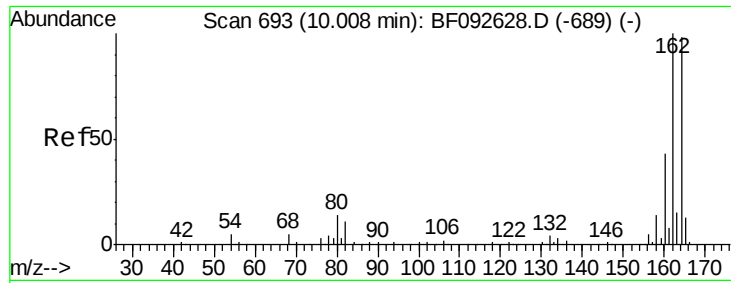
#37
2-Methylnaphthalene
Concen: 45.38 ng
RT: 8.93 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion:142 Resp: 908371
Ion Ratio Lower Upper
142 100
141 90.0 71.0 106.6
115 30.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

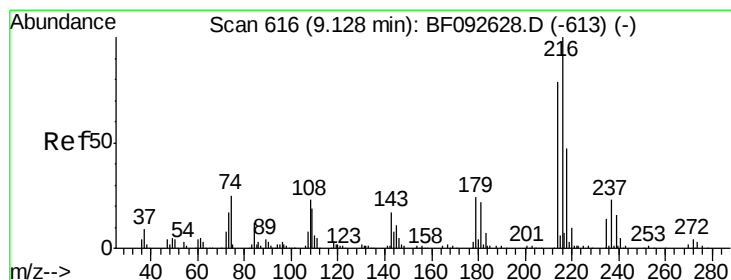
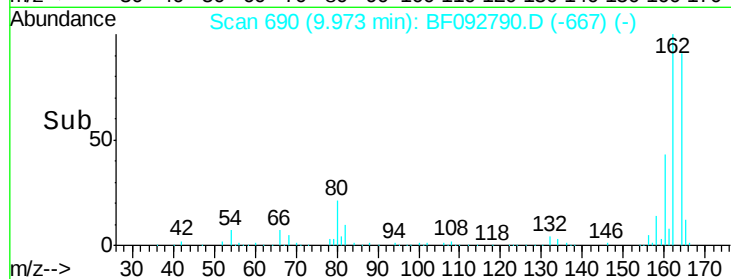
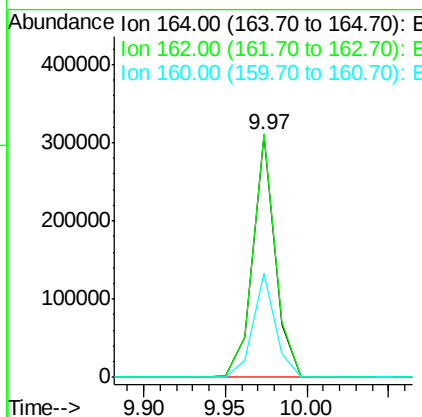
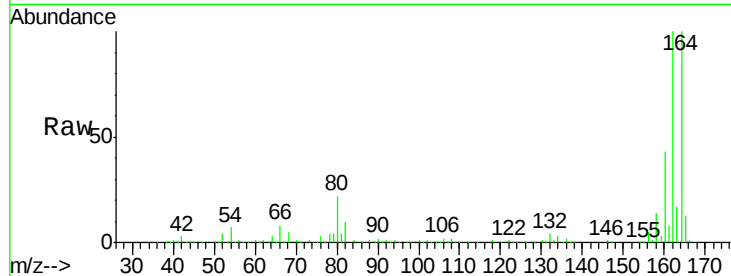
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	296782		
162	100.4	80.2	120.2	
160	43.0	36.9	55.3	

Manual Integrations
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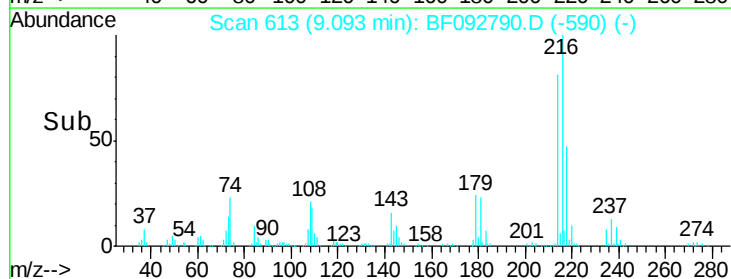
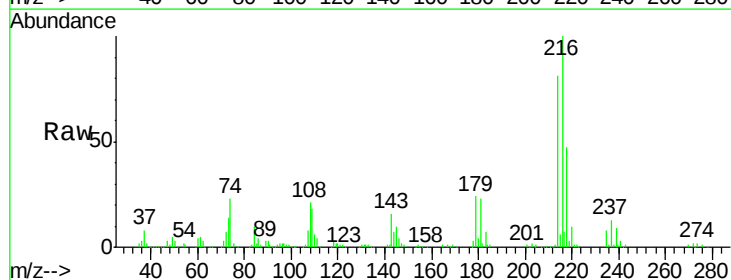
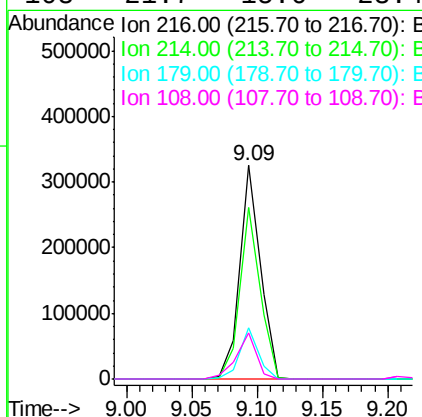
mohammad

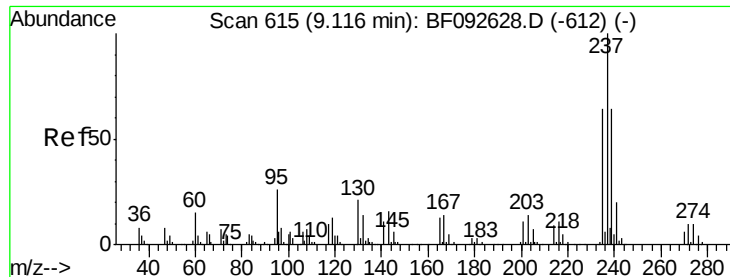
2/6/2017 12:34:03 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.58 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	354762		
214	79.6	63.4	95.0	
179	22.0	17.4	26.2	
108	21.7	15.6	23.4	





#40
Hexachlorocyclopentadiene
Concen: 88.06 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

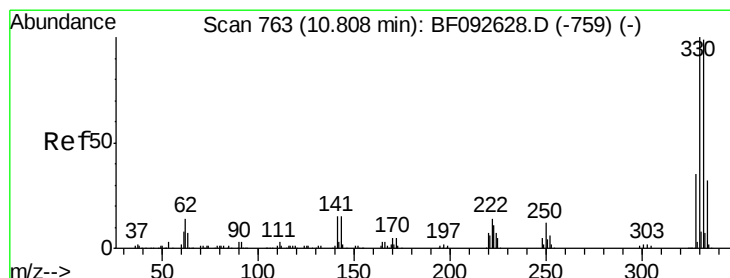
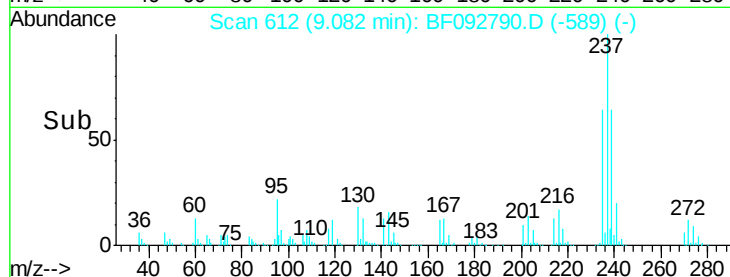
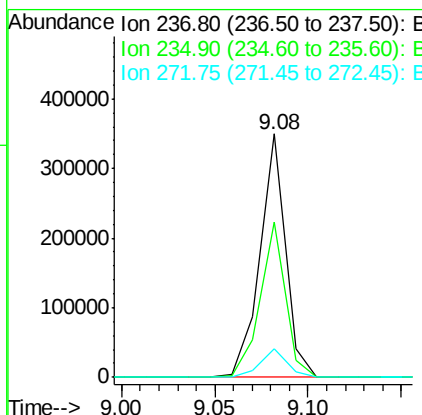
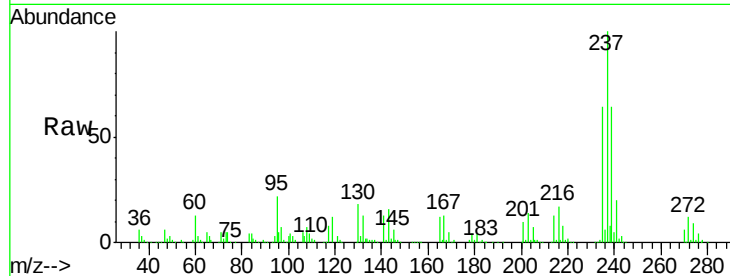
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.8	41.2	81.2
272	12.0	0.0	35.4

Manual Integrations
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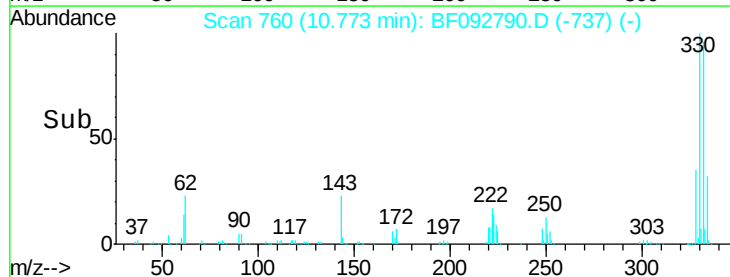
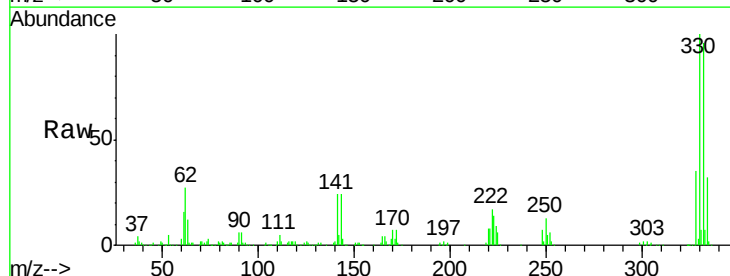
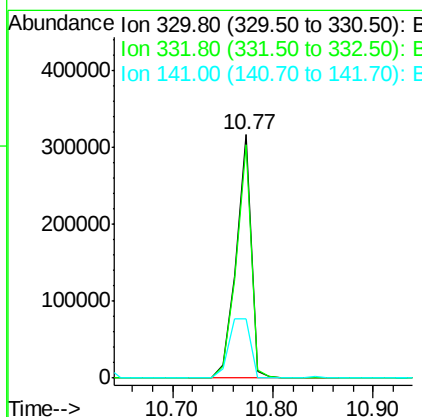
mohammad

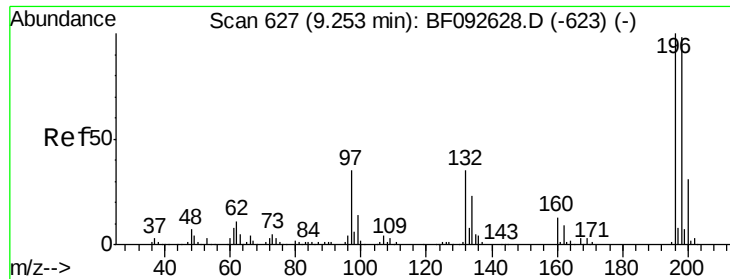
2/6/2017 12:34:03 PM



#41
2,4,6-Tribromophenol
Concen: 153.93 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	77.4	116.2
141	35.5	34.1	51.1





#42
 2,4,6-Trichlorophenol
 Concen: 53.16 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

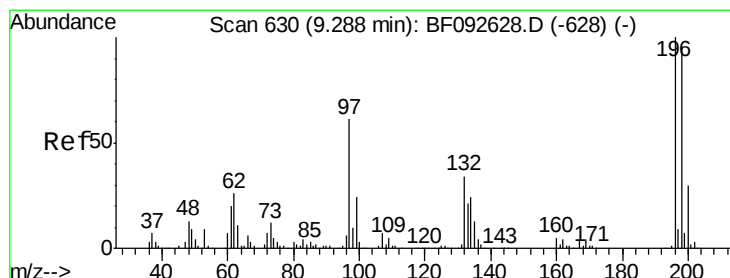
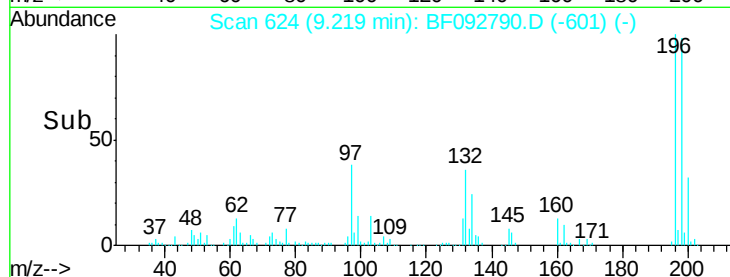
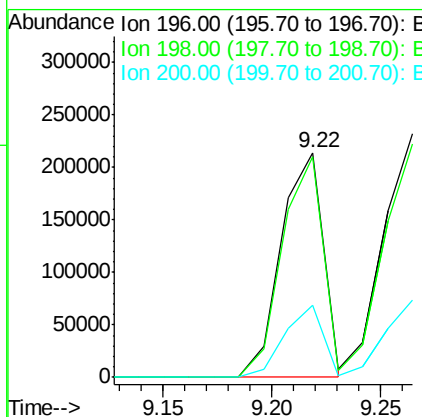
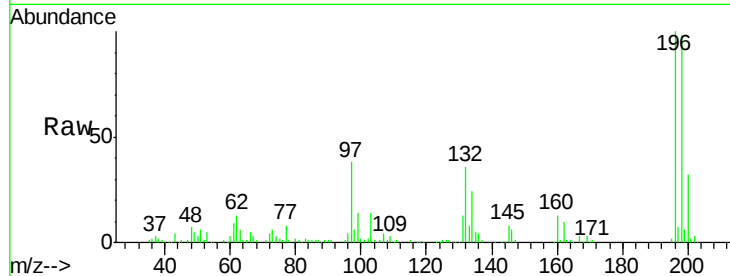
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291022		
198	98.2	82.1	123.1	
200	31.8	27.0	40.4	

Manual Integrations
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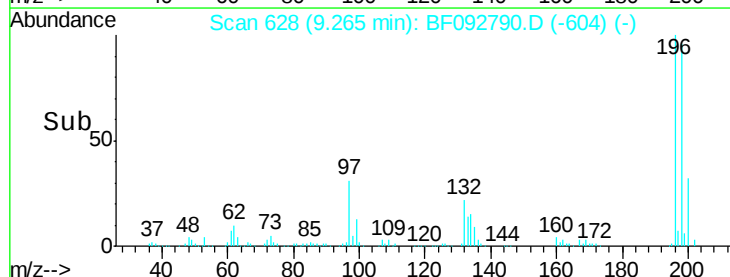
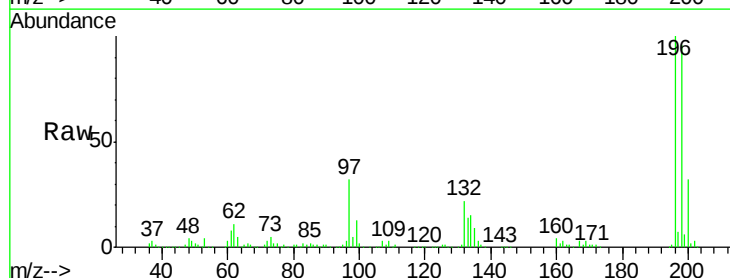
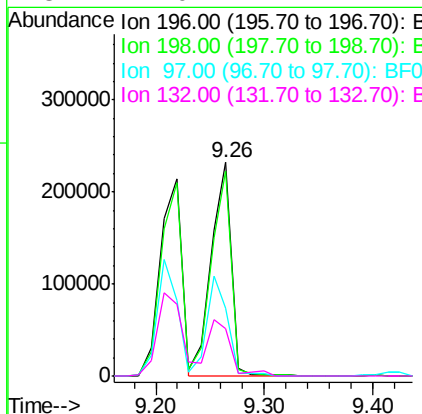
mohammad

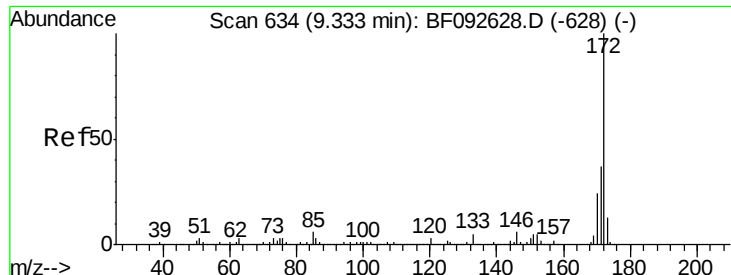
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#43
 2,4,5-Trichlorophenol
 Concen: 49.91 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	299363		
198	95.7	79.4	119.2	
97	31.5	51.5	77.3#	
132	22.0	27.4	41.2#	





#44
 2-Fluorobiphenyl
 Concen: 105.76 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

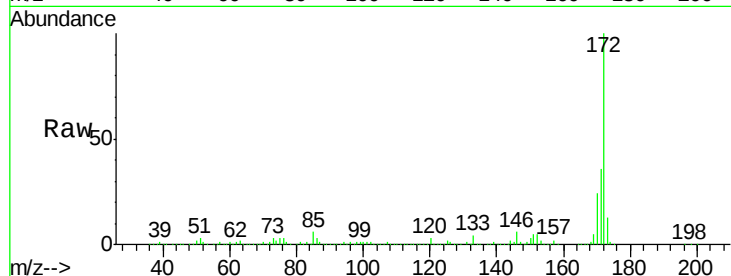
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Tgt Ion:172 Resp: 1732594
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.1 20.2 30.4

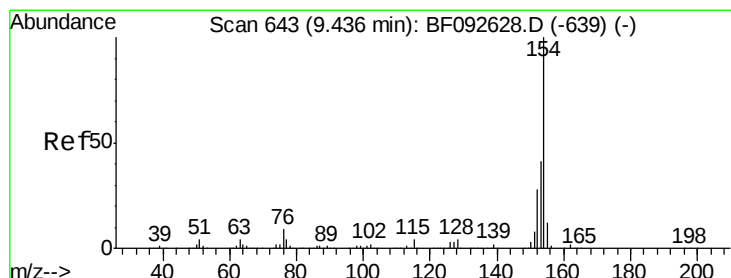
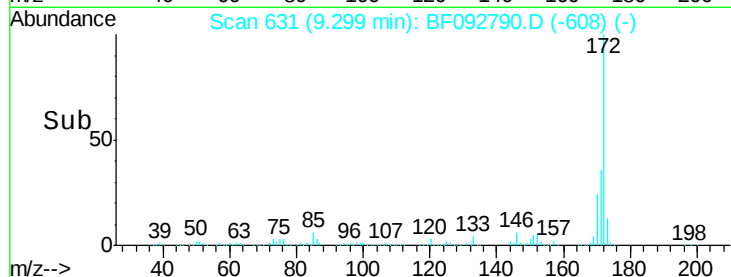
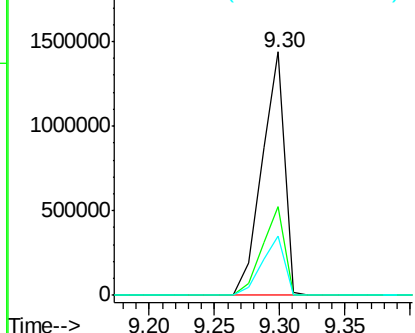
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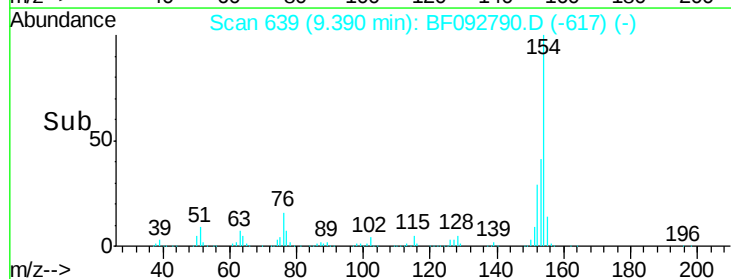
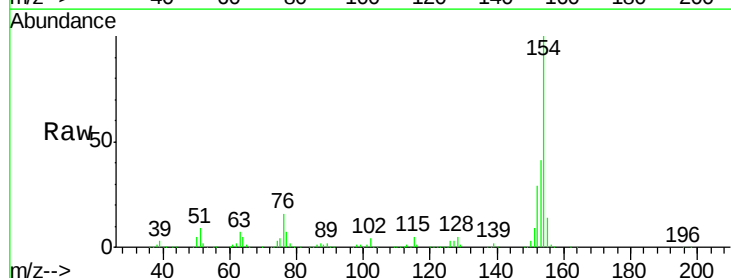
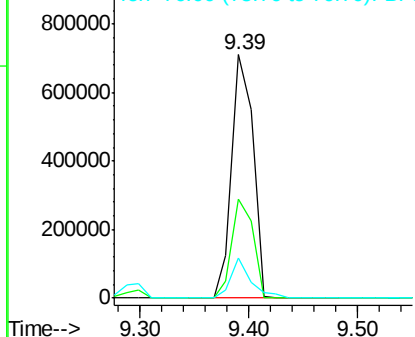
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

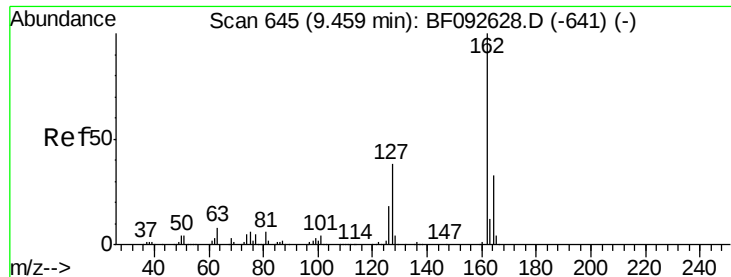


#45
 1,1'-Biphenyl
 Concen: 44.52 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

Tgt Ion:154 Resp: 956771
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.9 60.9
 76 16.3 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: 46.30 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

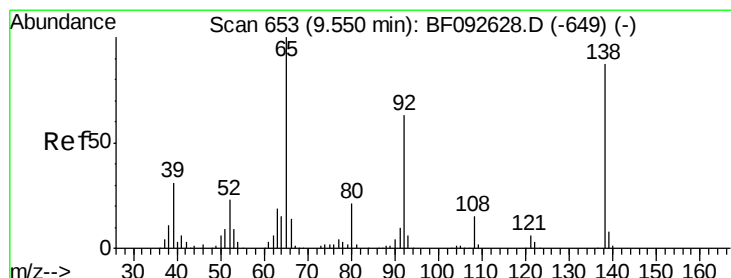
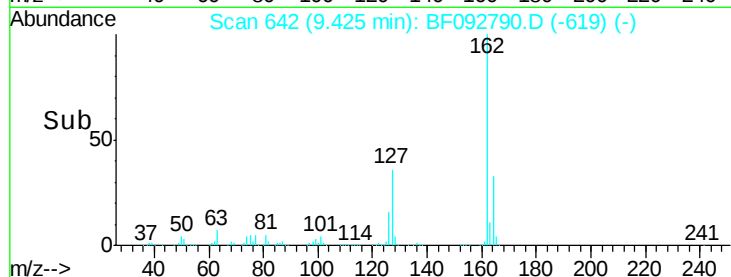
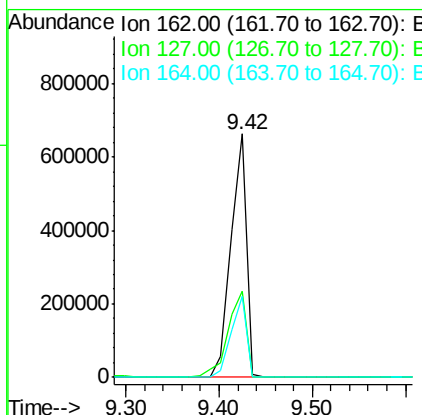
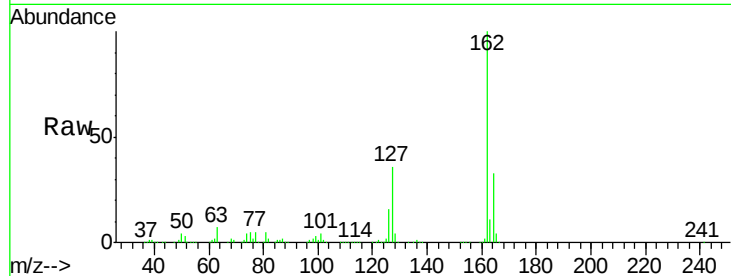
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.7	46.1
164	33.5	27.6	41.4

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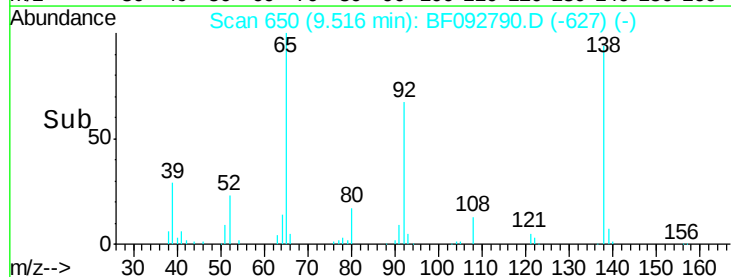
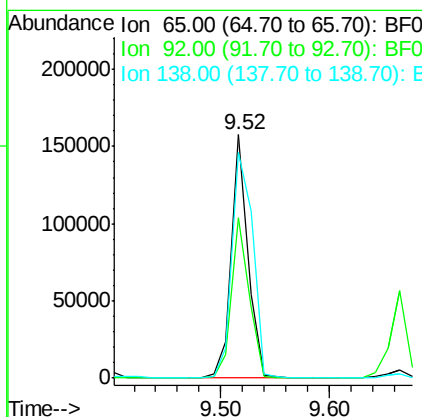
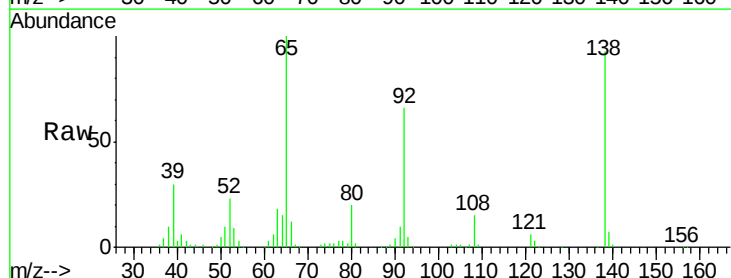
mohammad

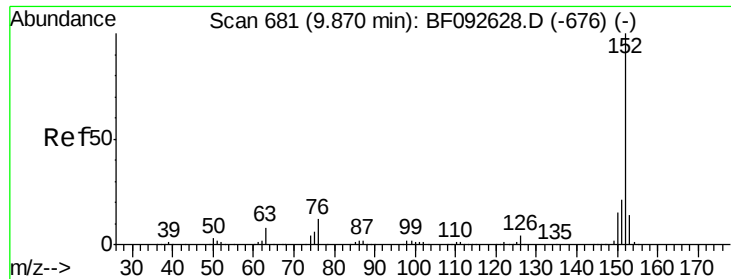
2/6/2017 12:34:03 PM



#47
2-Nitroaniline
Concen: 29.44 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.9	80.9
138	92.7	76.8	115.2





#48

Acenaphthylene

Concen: 37.80 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

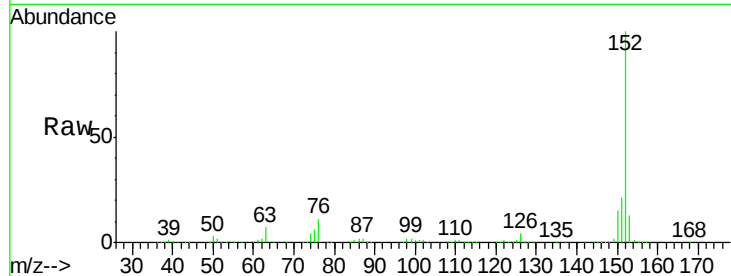
WC-B6-B7-001MS

Tgt Ion:	152	Resp:	1097843
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.9	25.3
153	13.4	11.4	17.2

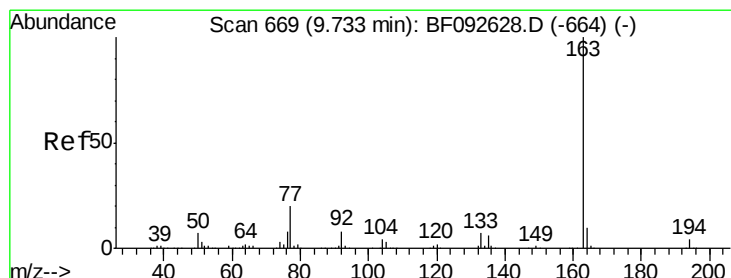
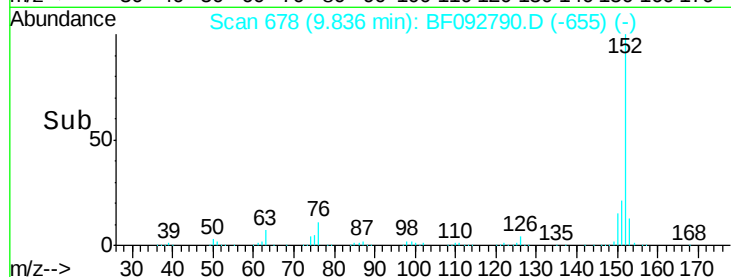
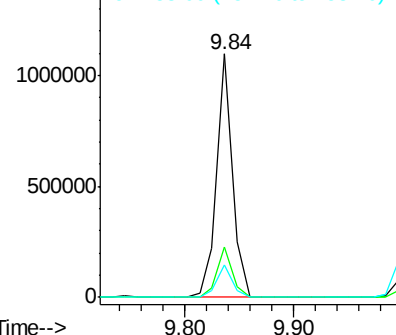
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.23 ng

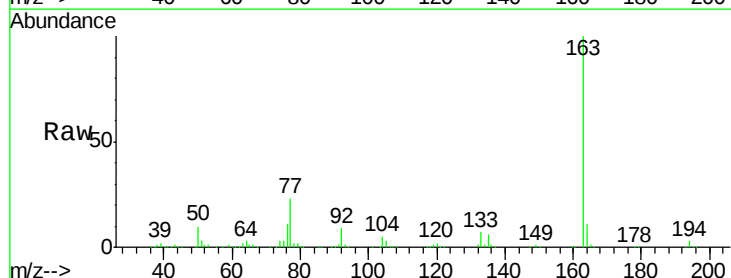
RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

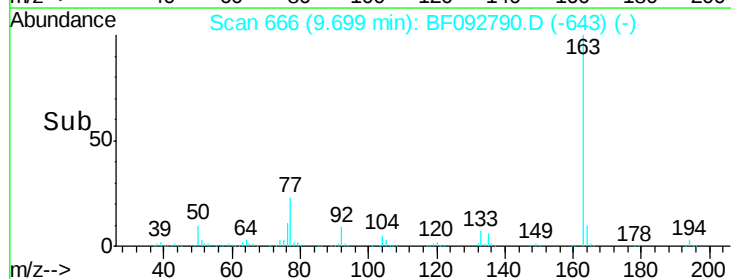
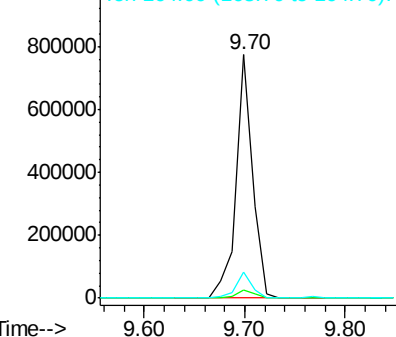
Lab File: BF092790.D

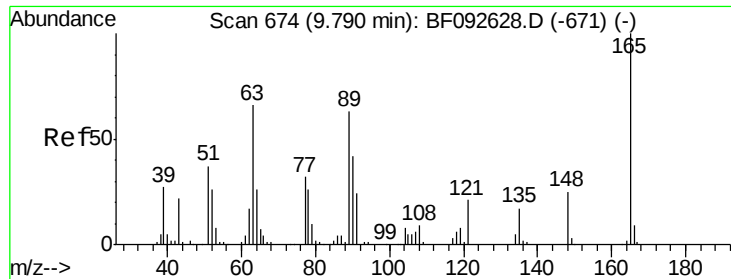
Acq: 3 Feb 2017 22:05

Tgt Ion:	163	Resp:	884192
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.4
164	10.8	8.0	12.0



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





#50
2,6-Dinitrotoluene
Concen: 52.04 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

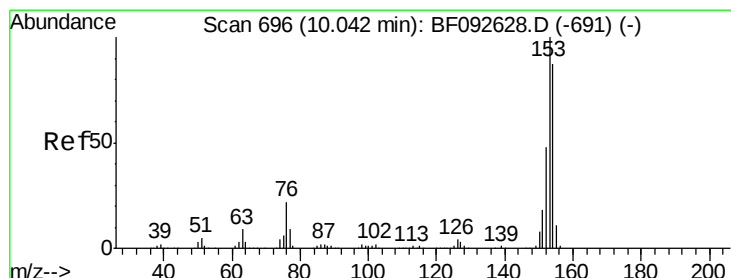
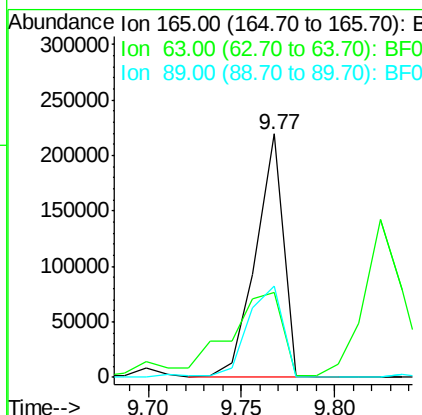
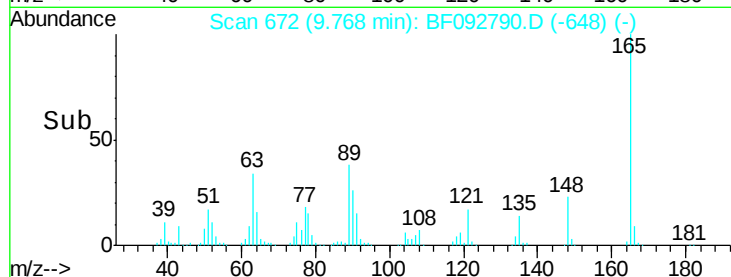
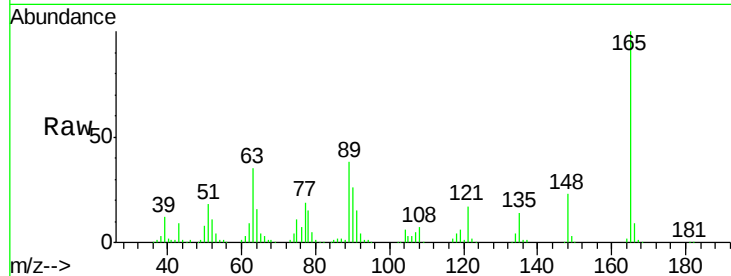
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	34.9	36.2	54.4#
89	37.6	40.2	60.4#

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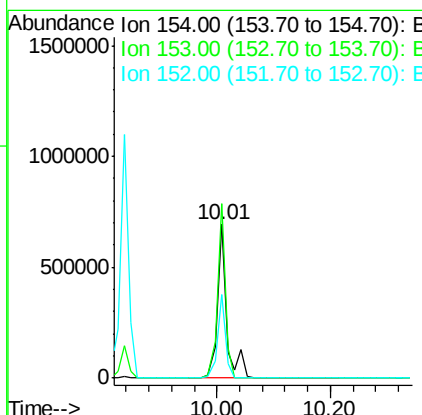
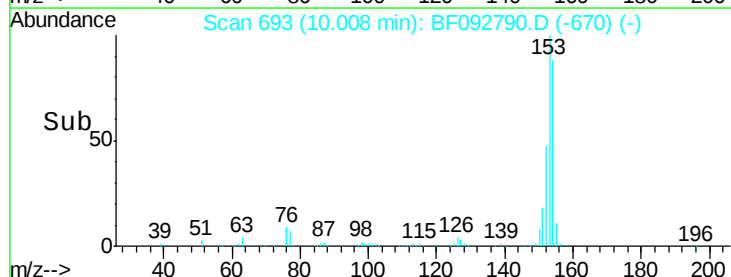
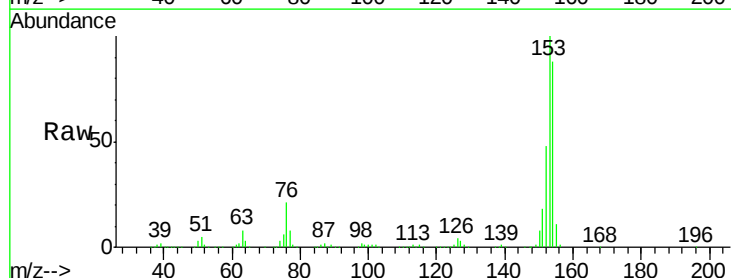
mohammad

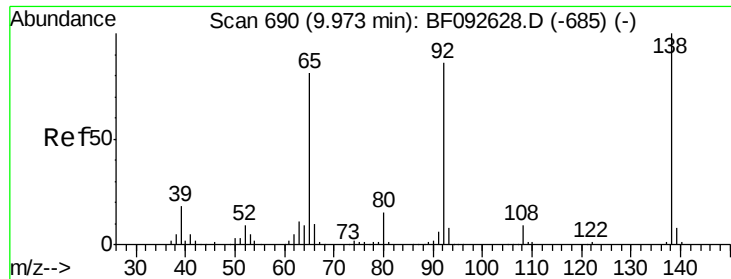
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#51
Acenaphthene
Concen: 45.42 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.7	88.6	133.0
152	54.7	41.6	62.4





#52
 3-Nitroaniline
 Concen: 3.93 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.05 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

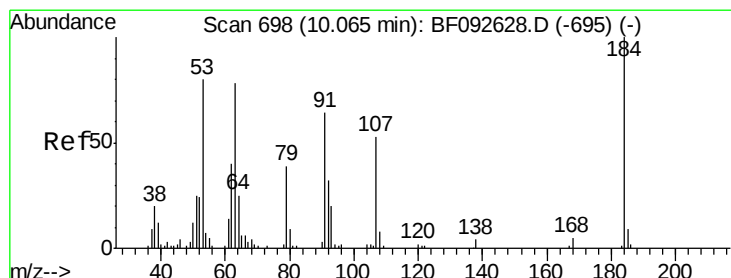
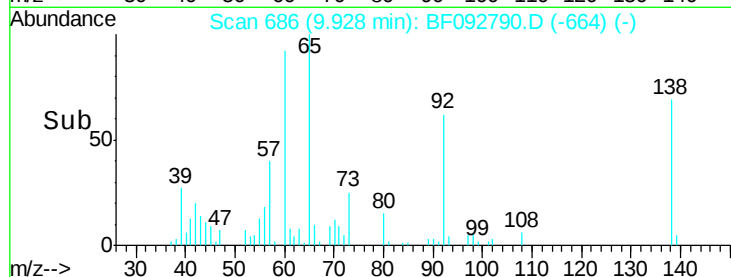
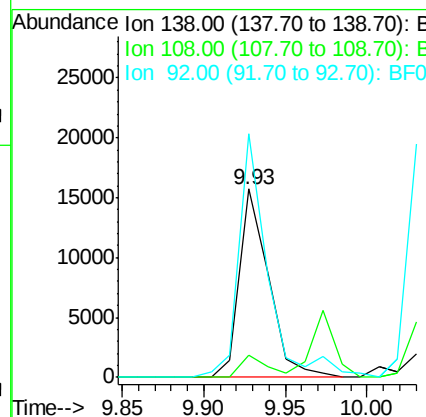
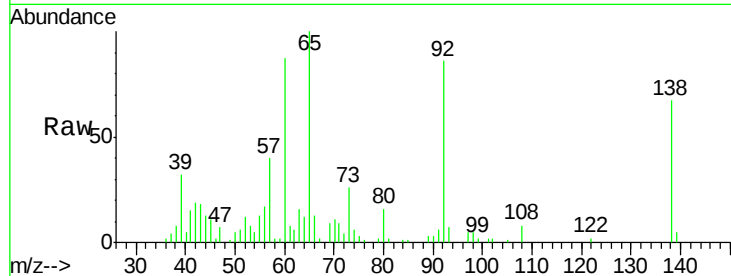
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.5	12.7
92	129.5	97.8	146.8

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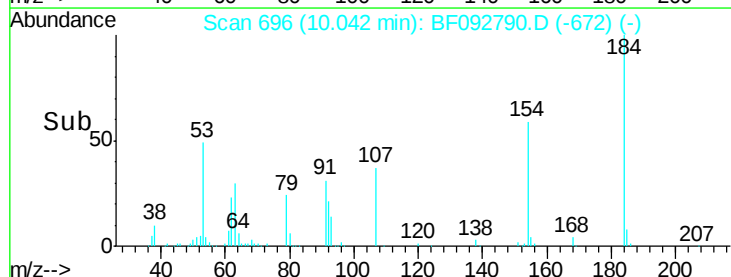
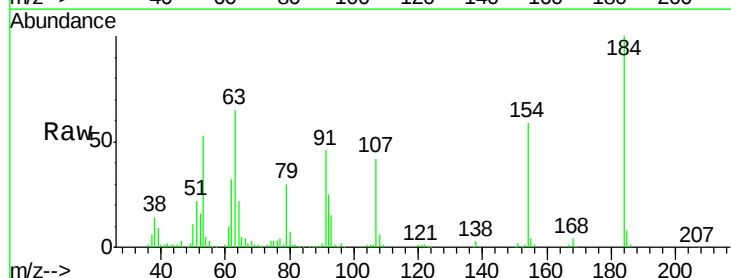
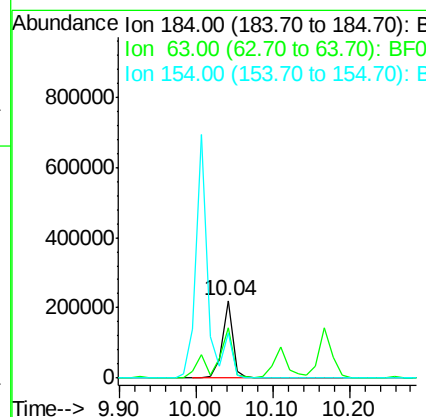
mohammad

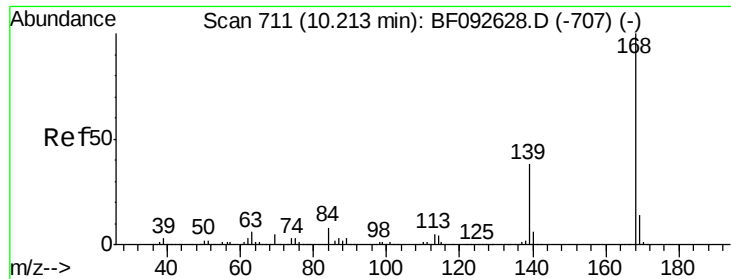
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#53
 2,4-Dinitrophenol
 Concen: 96.38 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.02 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.1	28.4	42.6#
154	58.5	44.3	66.5





#54
Dibenzofuran
Concen: 43.49 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

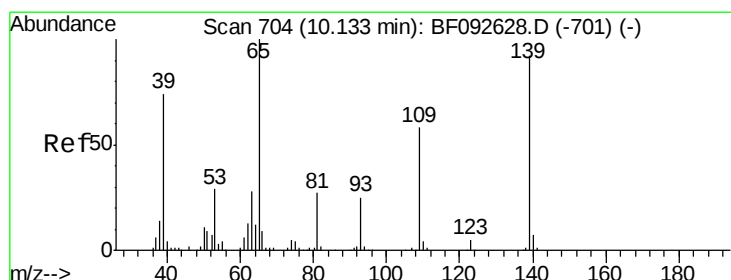
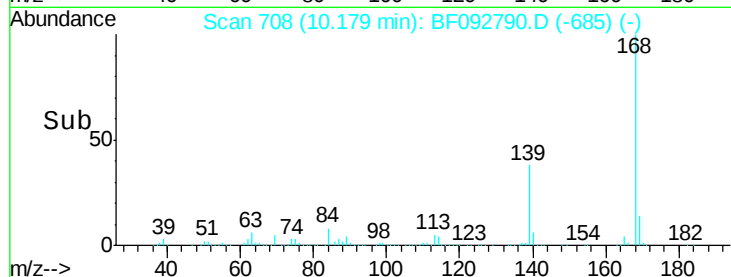
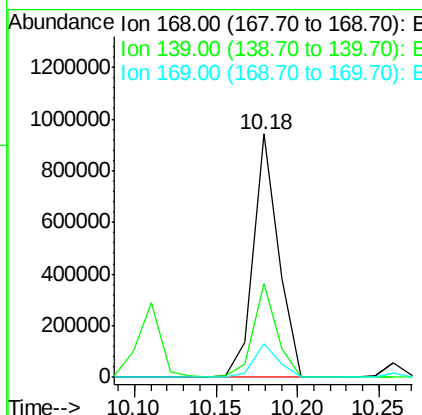
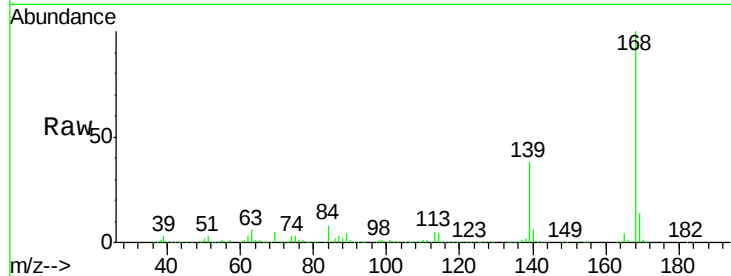
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion:168 Resp: 1009943
Ion Ratio Lower Upper
168 100
139 38.4 32.6 49.0
169 13.7 11.3 16.9

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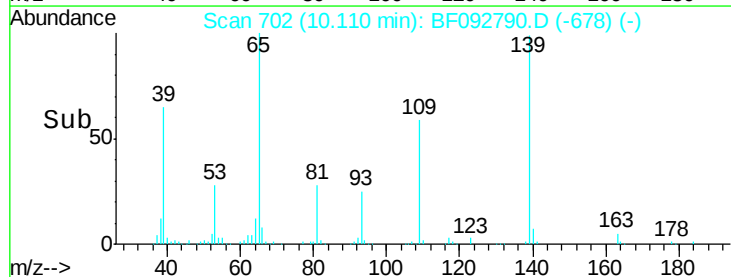
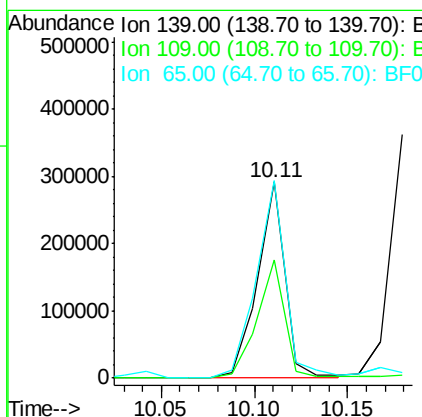
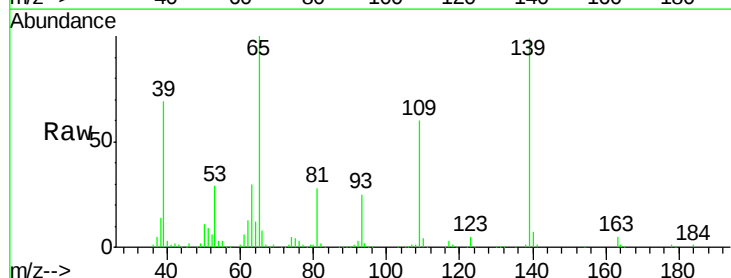
mohammad

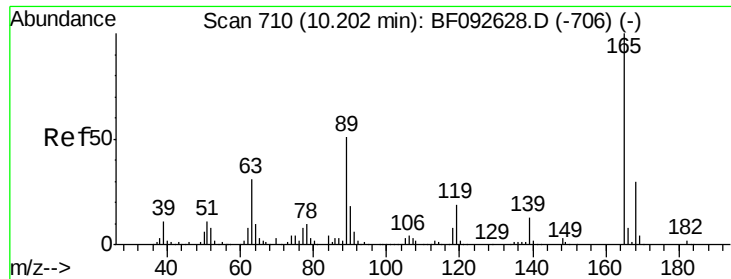
2/6/2017 12:34:03 PM



#55
4-Nitrophenol
Concen: 83.41 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion:139 Resp: 296818
Ion Ratio Lower Upper
139 100
109 60.5 52.2 92.2
65 100.9 85.8 125.8





#56
 2,4-Dinitrotoluene
 Concen: 45.26 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

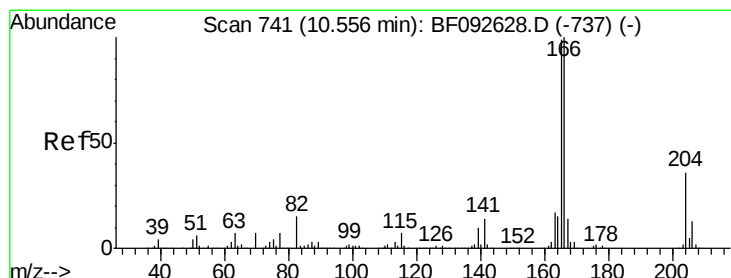
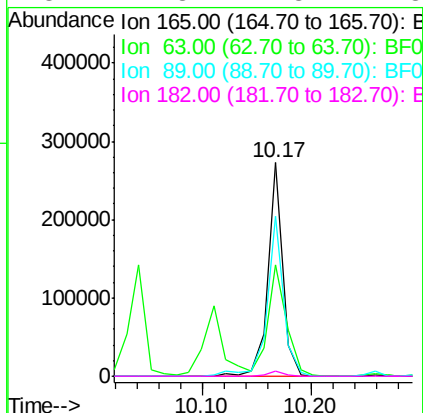
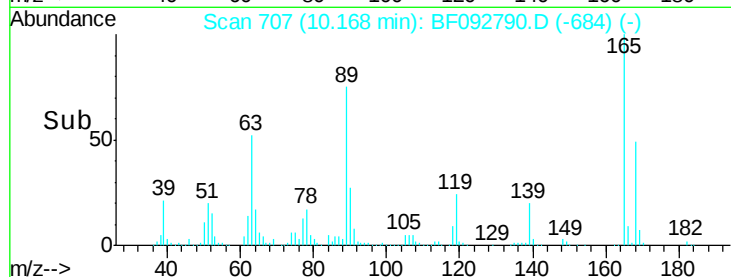
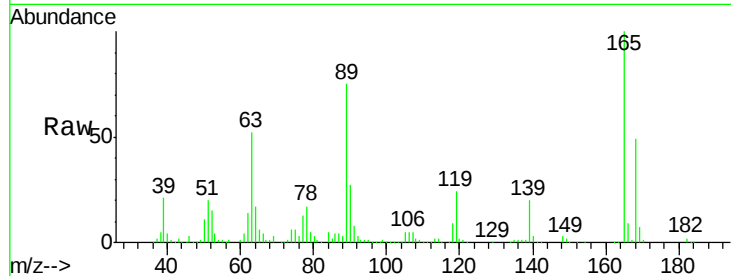
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	260109		
63	52.3	40.2	60.4	
89	74.8	62.5	93.7	
182	2.3	1.8	2.8	

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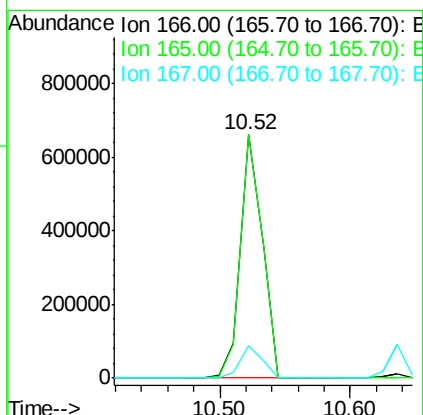
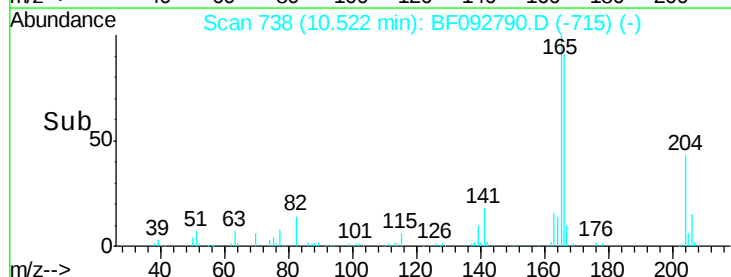
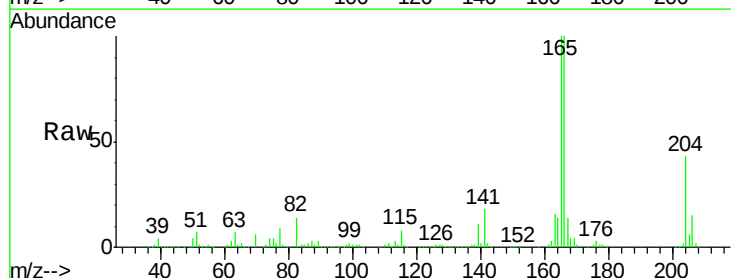
mohammad

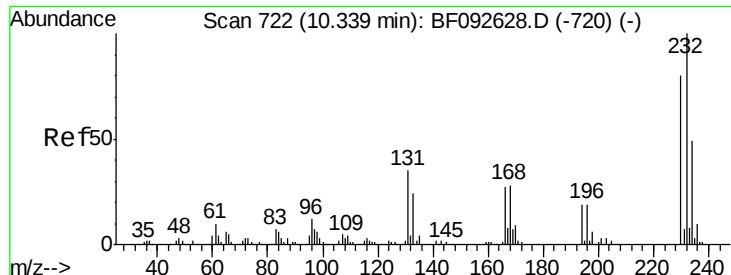
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#57
 Fluorene
 Concen: 42.84 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

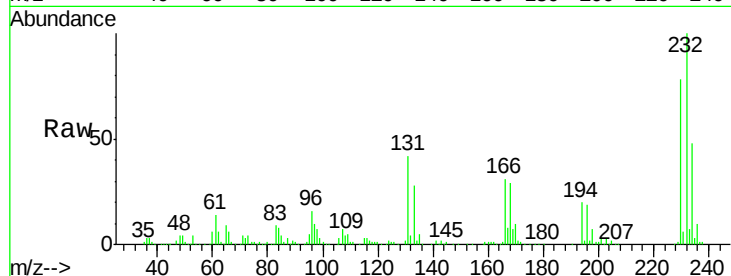
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	765519		
165	100.1	77.8	116.8	
167	13.5	10.8	16.2	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.70 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

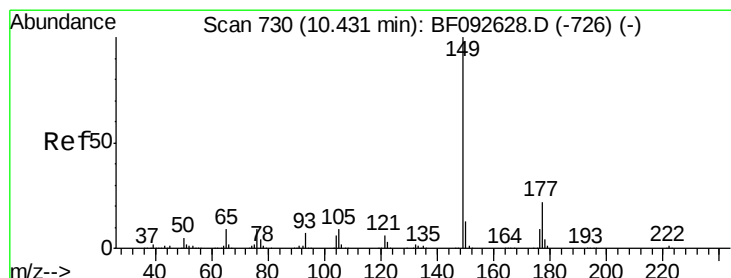
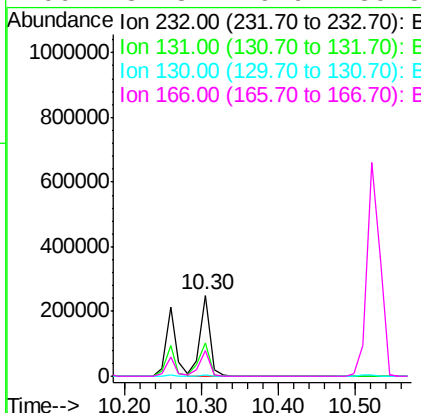
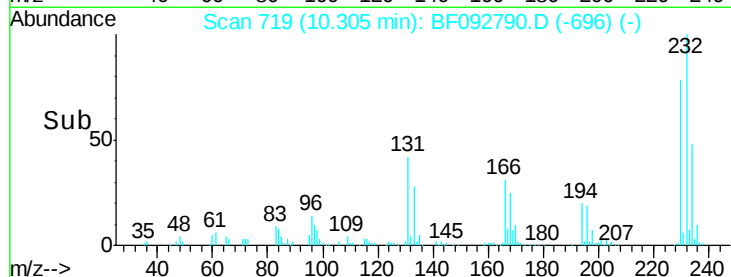


Tgt Ion	Ratio	Resp	Lower	Upper
232	100	222874		
131	45.5	40.1	60.1	
130	2.3	1.8	2.8	
166	31.8	26.6	39.8	

Manual Integrations
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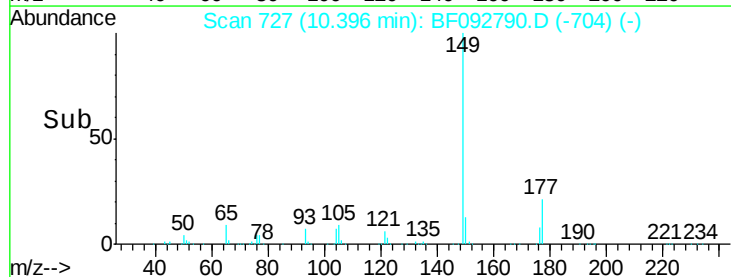
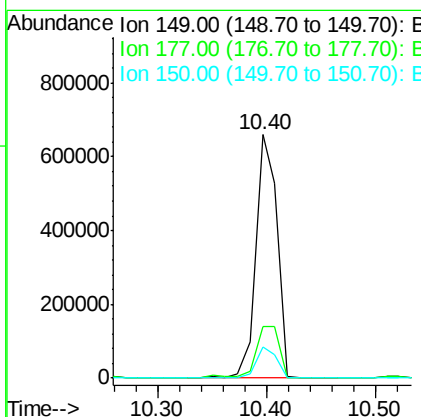
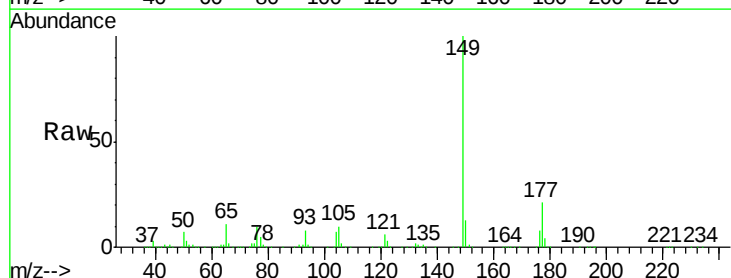
mohammad

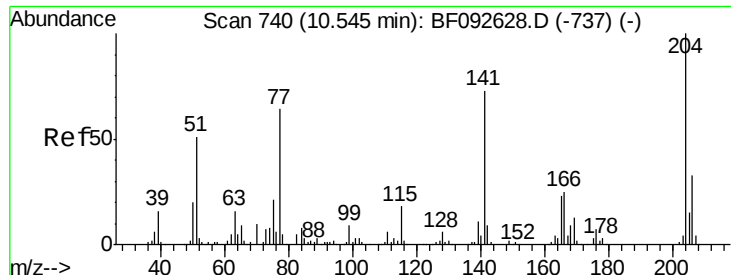
2/6/2017 12:34:03 PM



#59
 Diethylphthalate
 Concen: 47.65 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	897680		
177	21.0	16.6	25.0	
150	13.0	10.4	15.6	





#60
 4-Chlorophenyl-phenylether
 Concen: 43.42 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

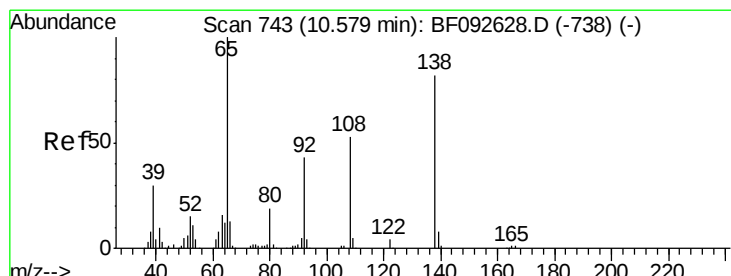
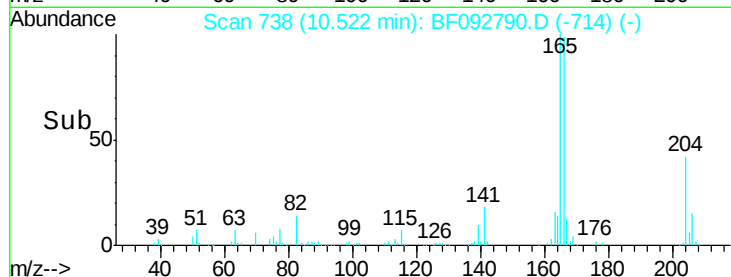
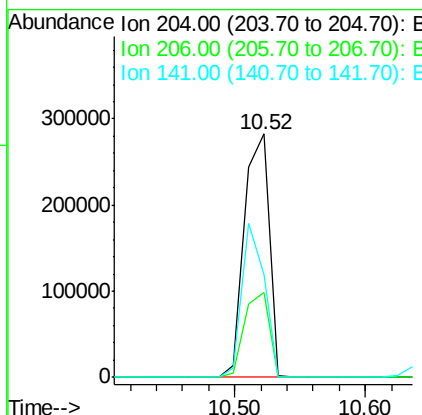
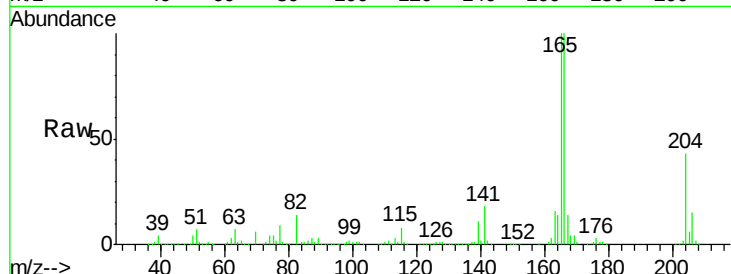
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.1	25.8	38.6
141	42.2	59.4	89.0

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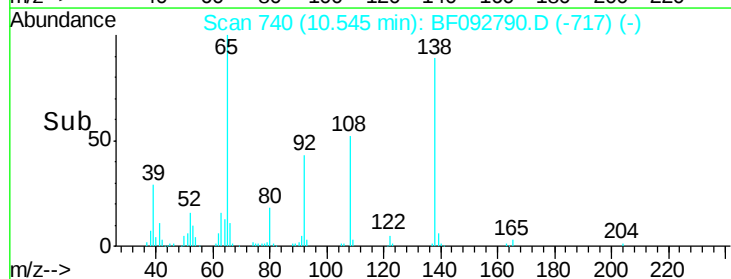
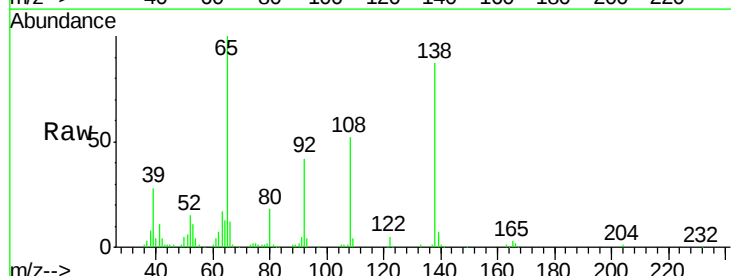
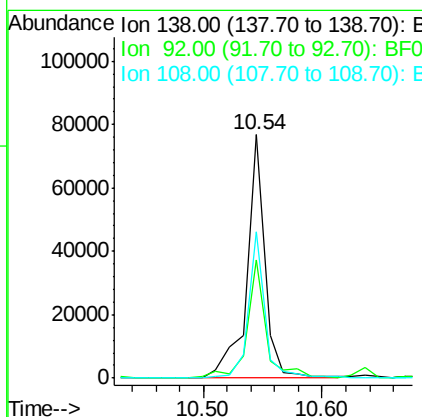
mohammad

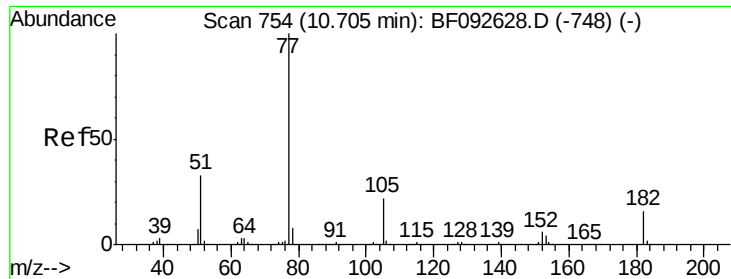
2/6/2017 12:34:03 PM



#61
 4-Nitroaniline
 Concen: 16.36 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.7	71.7
108	59.9	52.6	92.6





#62

Azobenzene

Concen: 43.61 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF092790.D

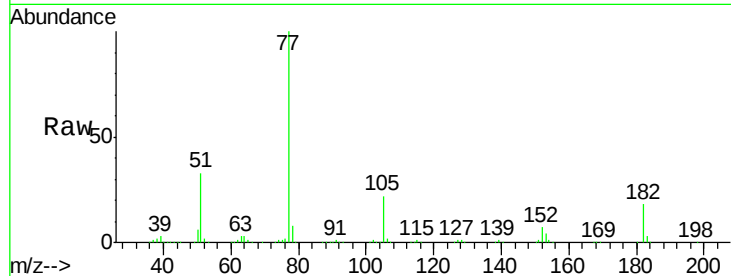
Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001MS

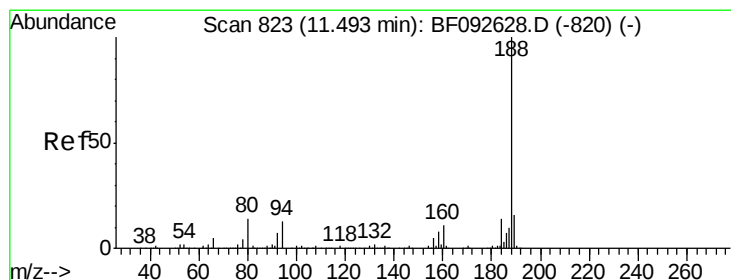
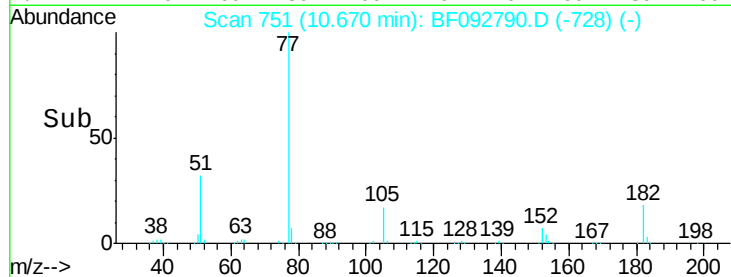
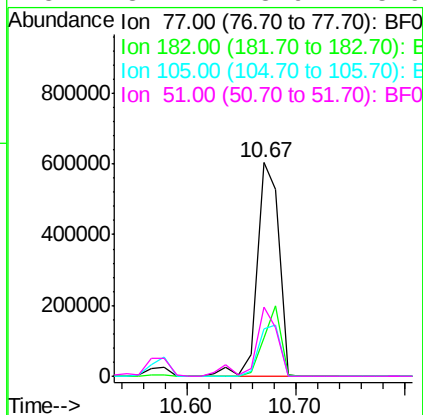


Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.8	0.0	39.3
105	22.3	2.3	42.3
51	32.7	8.9	48.9

Manual Integrations
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mohammad

2/6/2017 12:34:03 PM



#63

Phenanthrene-d10

Concen: 20.00 ng

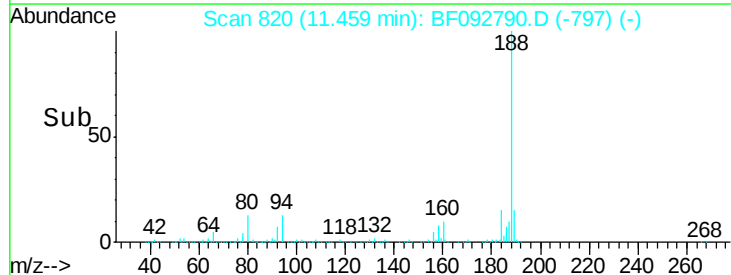
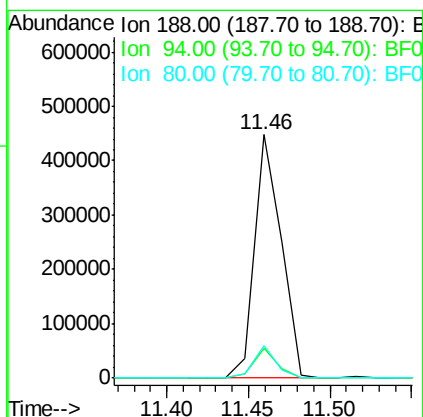
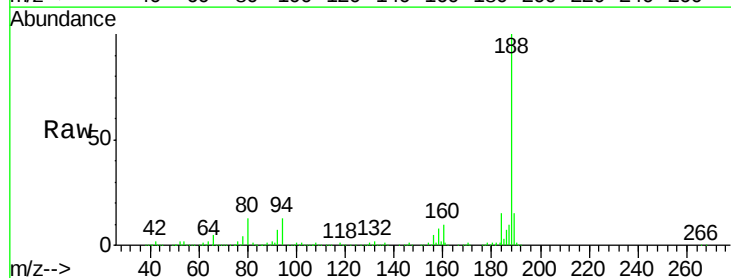
RT: 11.46 min Scan# 820

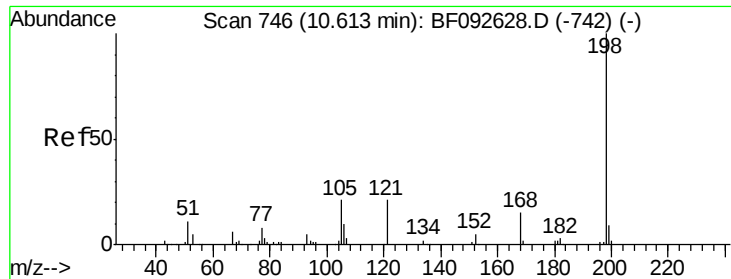
Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.5	10.0	15.0
80	13.5	11.2	16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 51.23 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

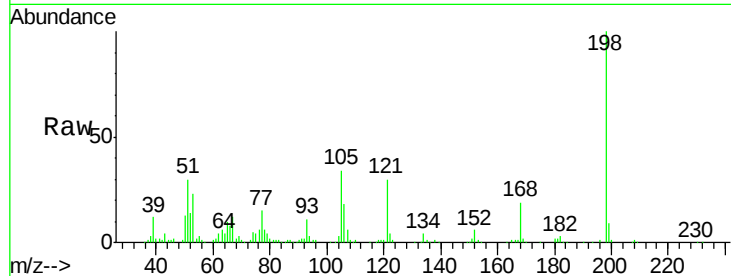
WC-B6-B7-001MS

Tgt Ion:	198	Resp:	159754
Ion Ratio	Lower	Upper	
198	100		
51	30.1	6.7	46.7
105	33.5	16.6	56.6

Manual Integrations
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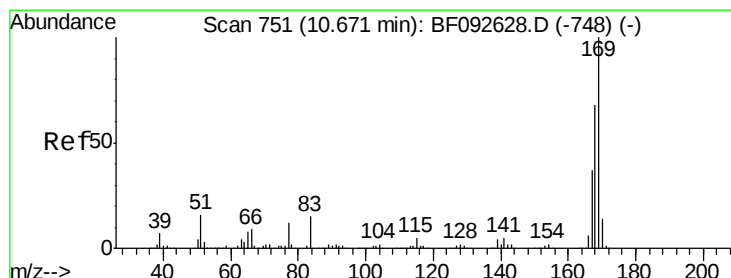
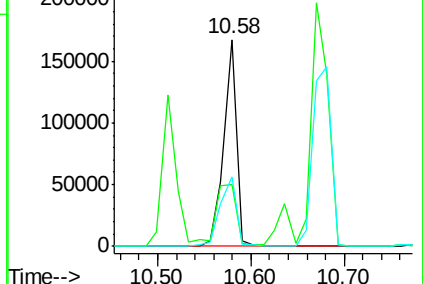
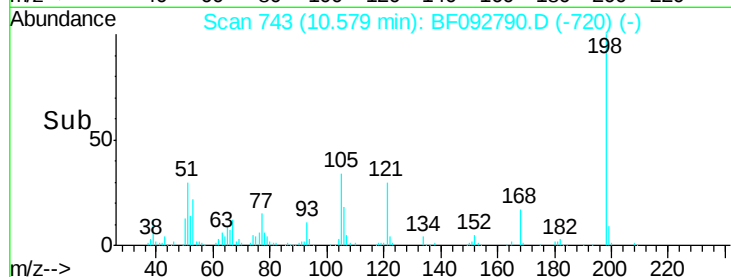
2/6/2017 12:34:03 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 13.33 ng

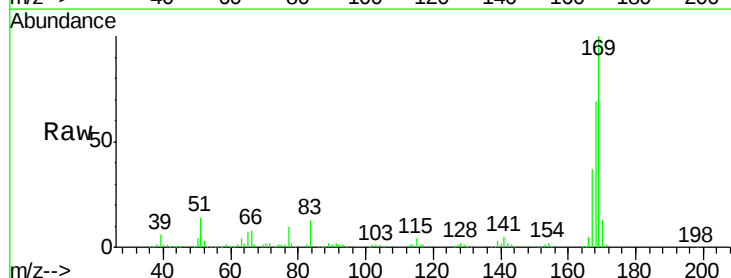
RT: 10.64 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

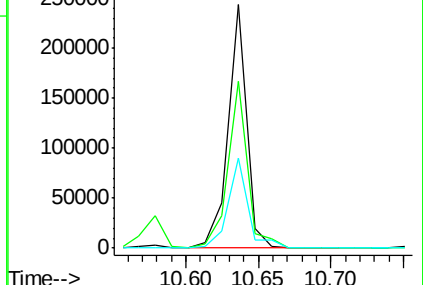
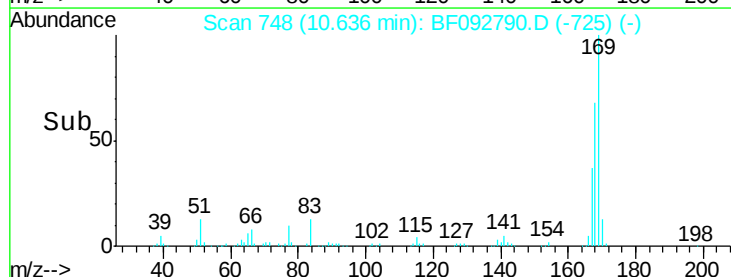
Tgt Ion:	169	Resp:	217394
Ion Ratio	Lower	Upper	
169	100		
168	68.5	54.2	81.2
167	37.1	30.2	45.4

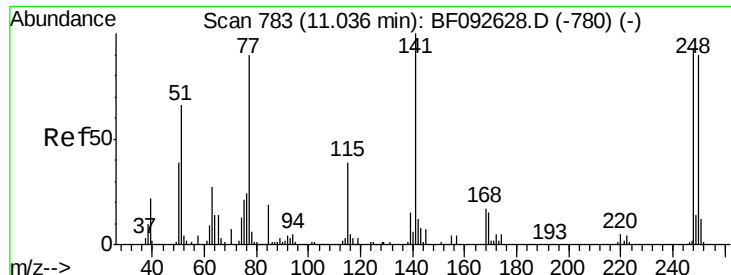


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66
 4-Bromophenyl-phenylether
 Concen: 43.36 ng
 RT: 11.00 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

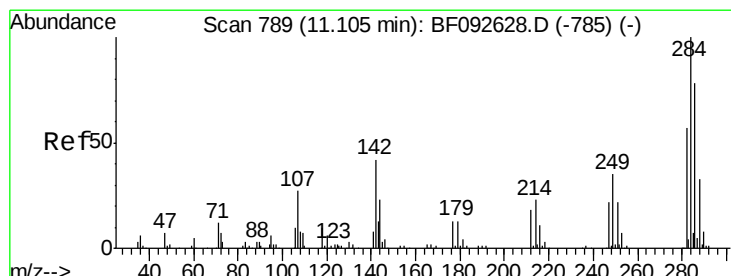
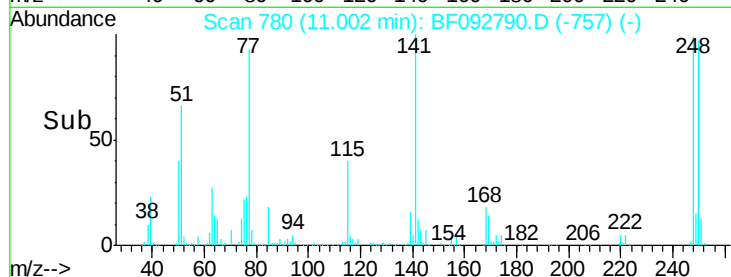
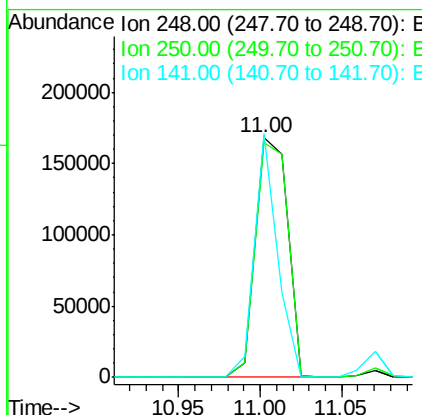
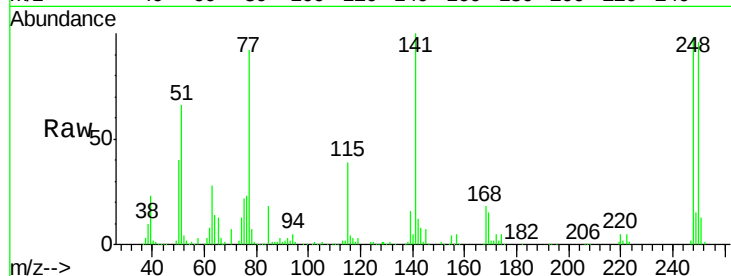
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	101.7	68.2	102.4

Manual Integrations
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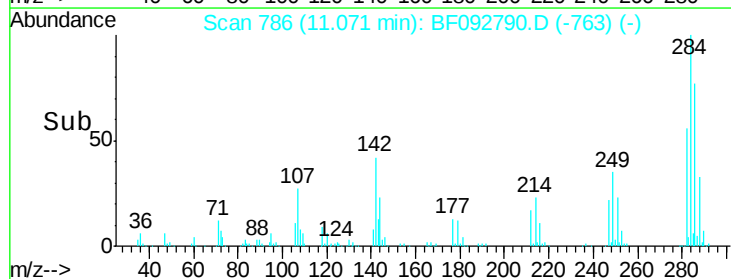
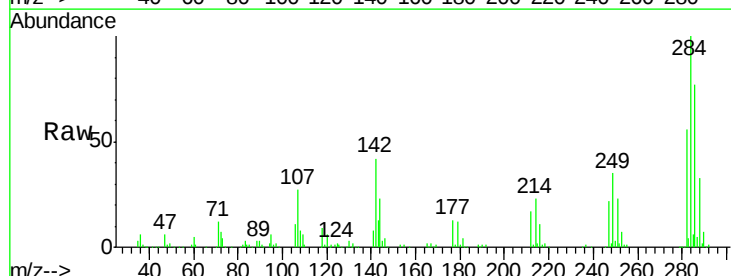
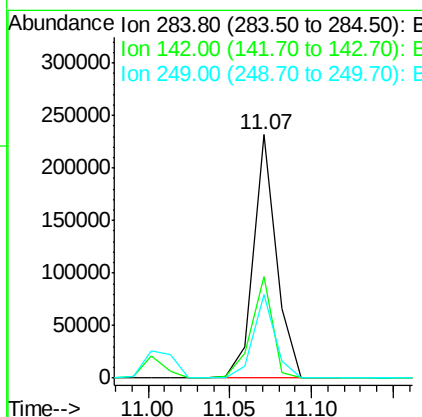
mohammad

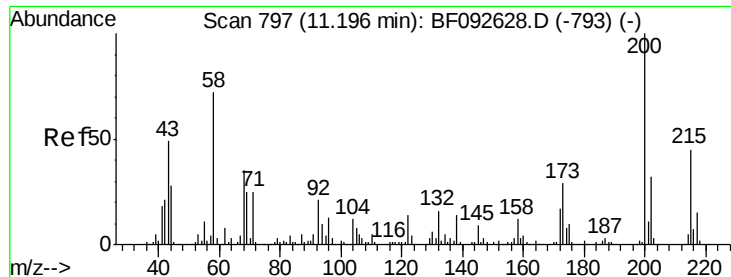
2/6/2017 12:34:03 PM



#67
 Hexachlorobenzene
 Concen: 42.85 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.9	22.6	33.8#
249	34.5	25.4	38.0





#68
Atrazine
Concen: 2.15 ng
RT: 11.16 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

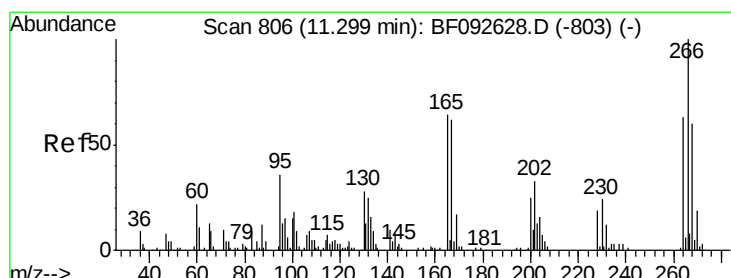
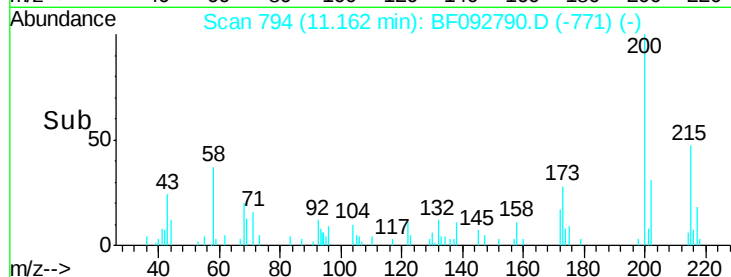
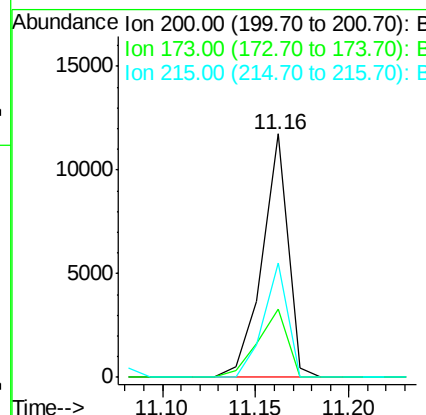
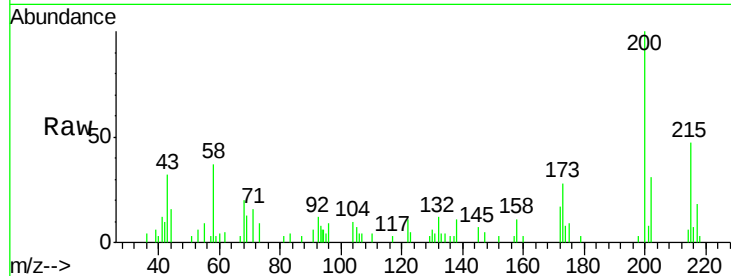
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	9.6	49.6
215	47.1	25.7	65.7

Manual Integrations
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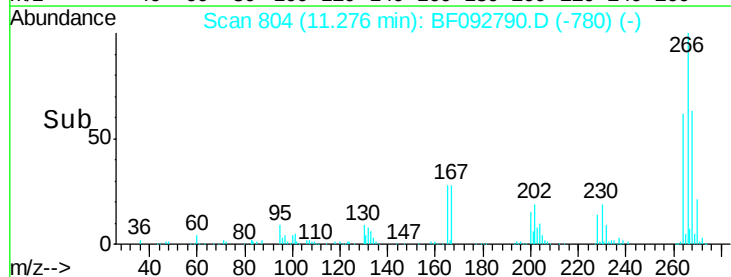
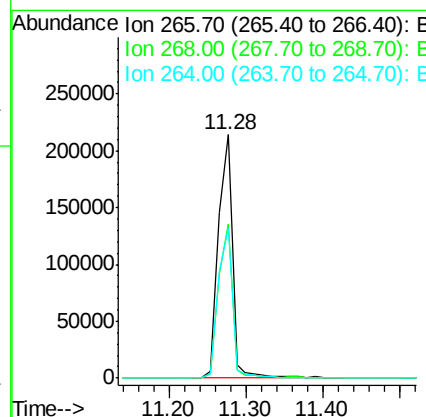
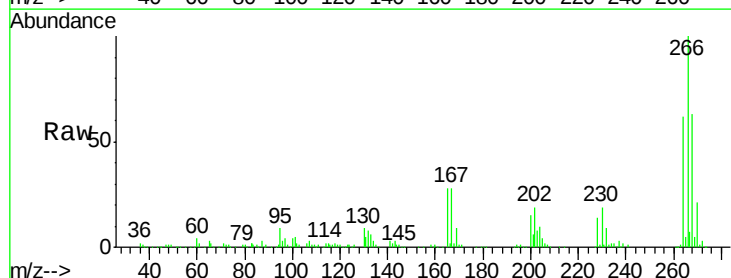
mohammad

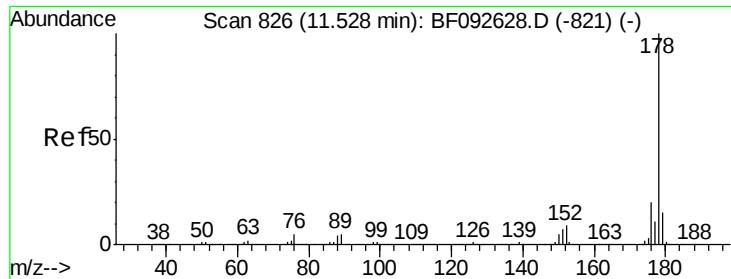
2/6/2017 12:34:03 PM



#69
Pentachlorophenol
Concen: 98.46 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.2	53.3	79.9
264	61.7	50.3	75.5





#70
Phenanthrene
Concen: 46.41 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

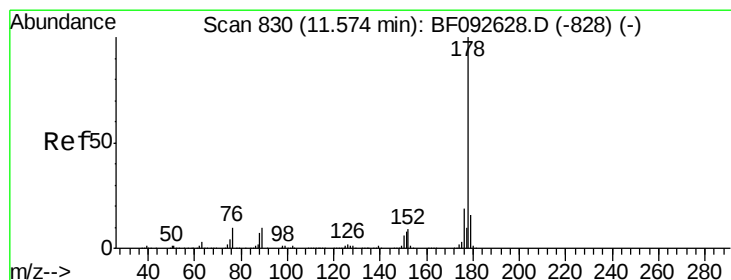
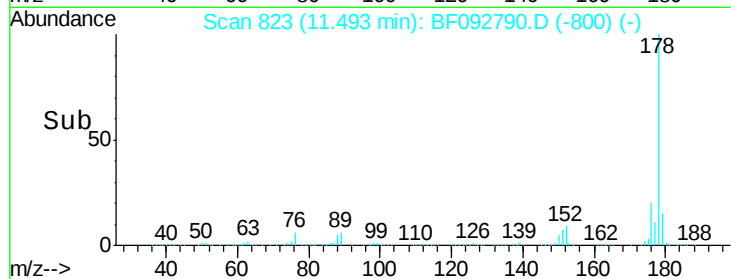
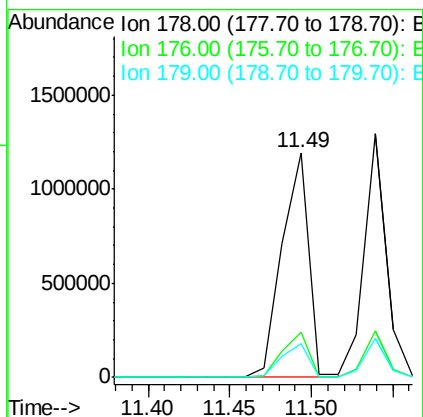
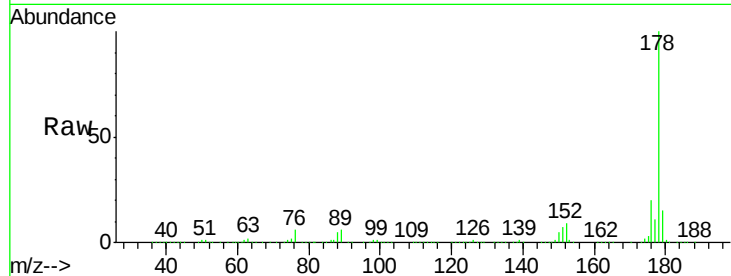
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion:178 Resp: 1357223
Ion Ratio Lower Upper
178 100
176 19.9 16.6 25.0
179 15.1 12.8 19.2

Manual Integrations
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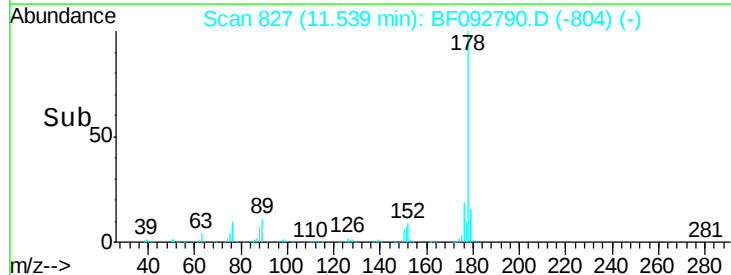
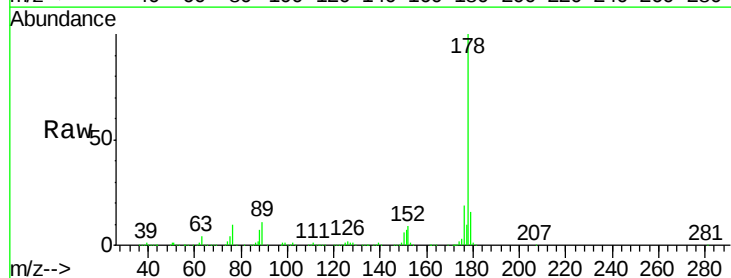
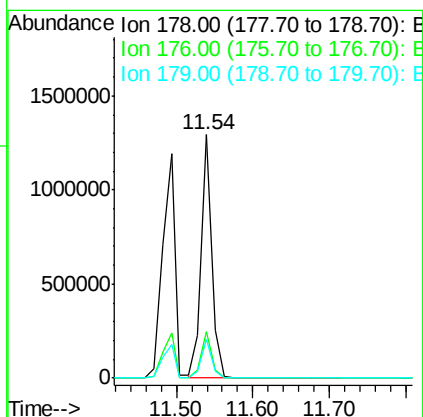
mohammad

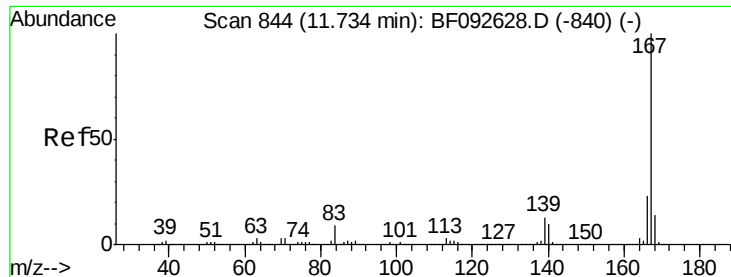
2/6/2017 12:34:03 PM



#71
Anthracene
Concen: 41.99 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion:178 Resp: 1233112
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.9 13.2 19.8





#72

Carbazole

Concen: 10.22 ng

RT: 11.69 min Scan# 840

Delta R.T. -0.05 min

Lab File: BF092790.D

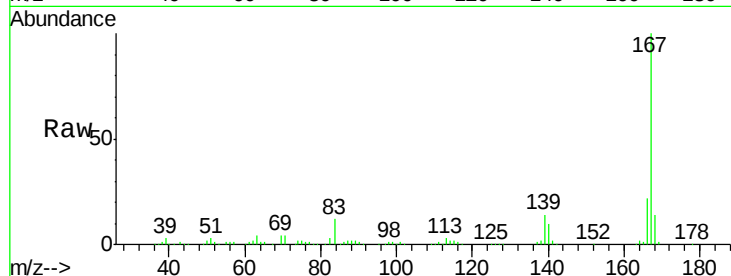
Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001MS

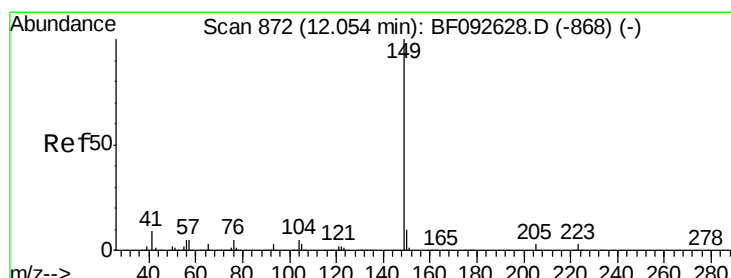
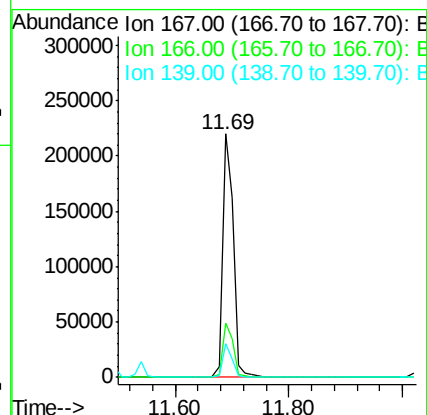


Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	13.8	11.4	17.2

Manual Integrations
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2/6/2017 12:34:03 PM



#73

Di-n-butylphthalate

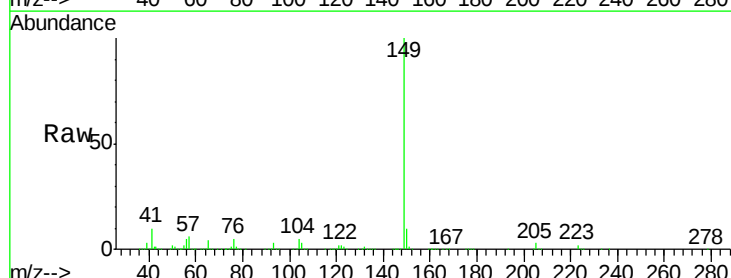
Concen: 48.28 ng

RT: 12.02 min Scan# 869

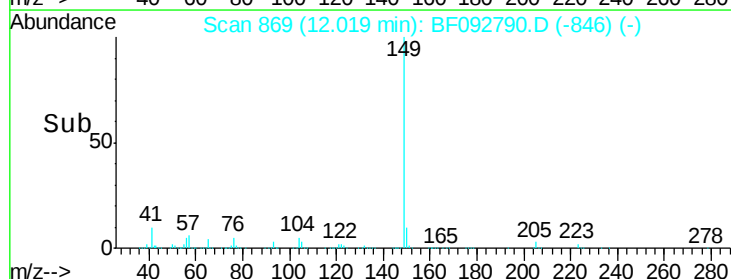
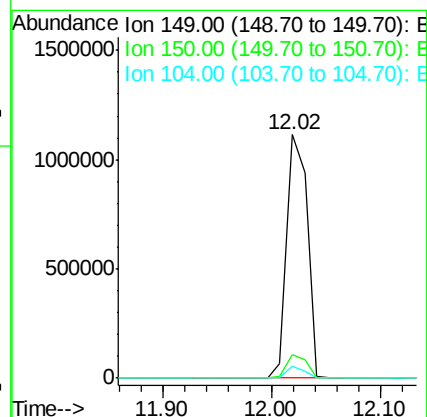
Delta R.T. -0.03 min

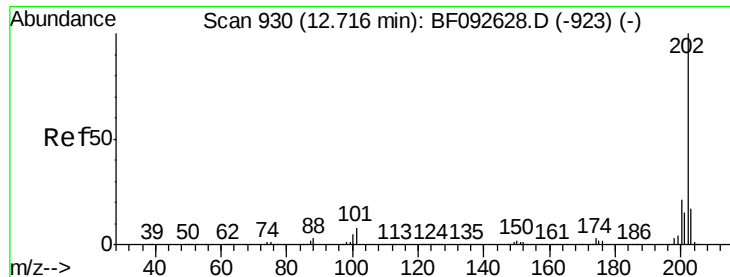
Lab File: BF092790.D

Acq: 3 Feb 2017 22:05



Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	4.7	4.6	7.0





#74
Fluoranthene
 Concen: 48.14 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

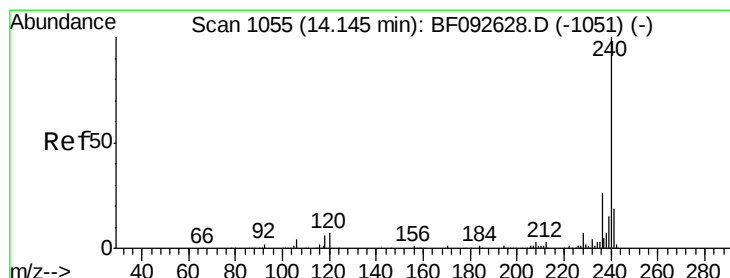
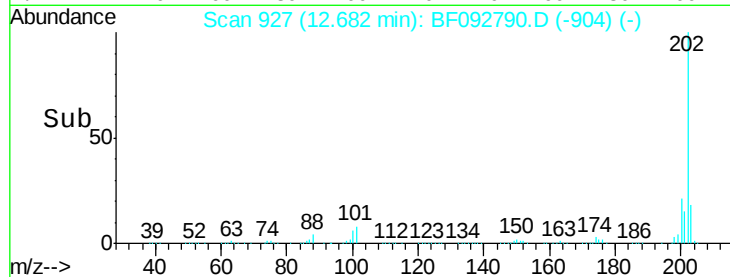
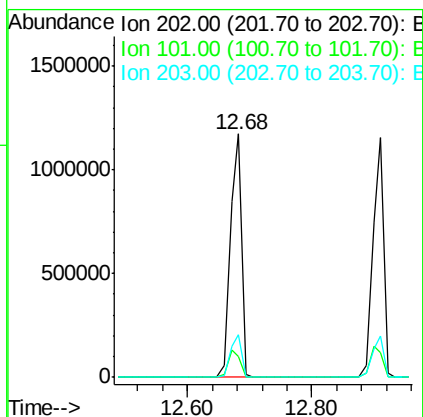
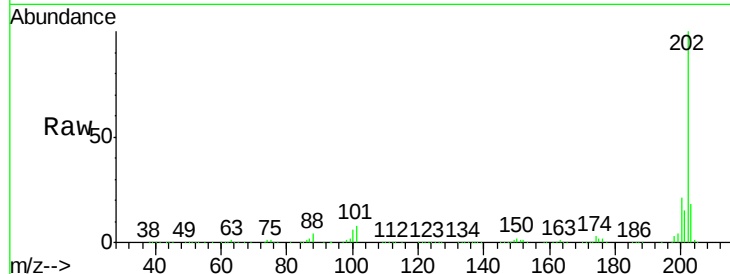
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1452167		
101	8.4	0.0	34.6	
203	17.5	0.0	38.7	

Manual Integrations
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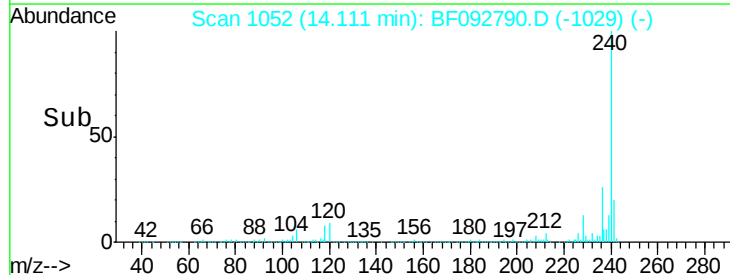
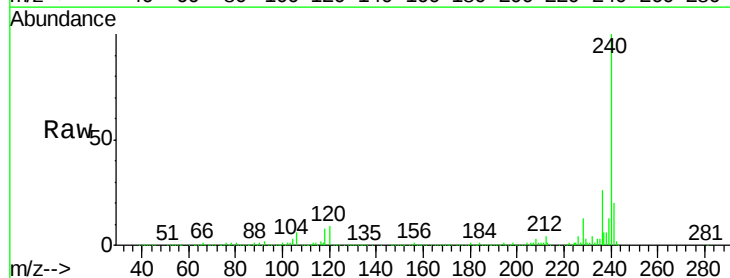
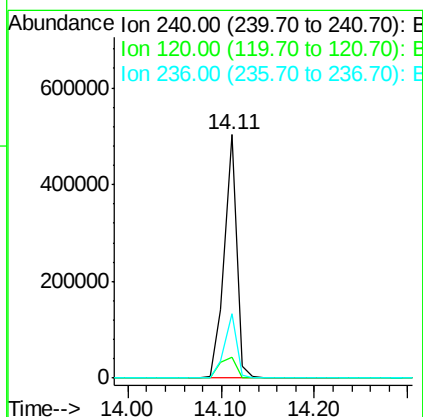
mohammad

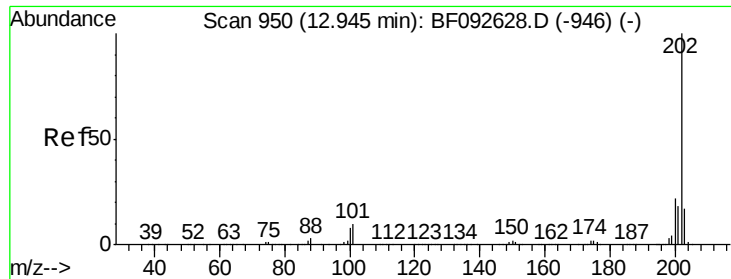
2/6/2017 12:34:03 PM



#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	466967		
120	8.8	12.9	19.3#	
236	26.3	20.9	31.3	





#77
 Pyrene
 Concen: 38.98 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

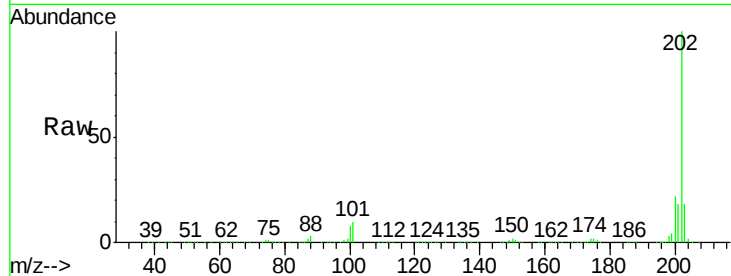
Instrument :
 BNA_F
 ClientSampleId :
 WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.6	14.7	22.1

Manual Integrations
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mohammad

2/6/2017 12:34:03 PM

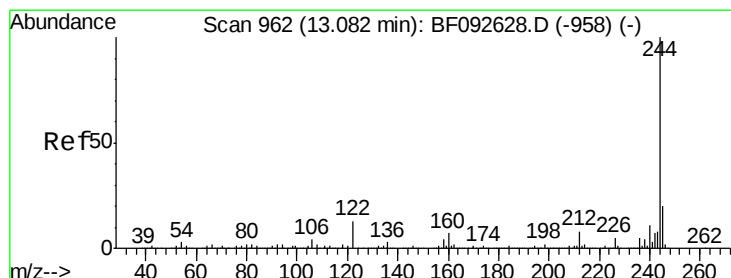
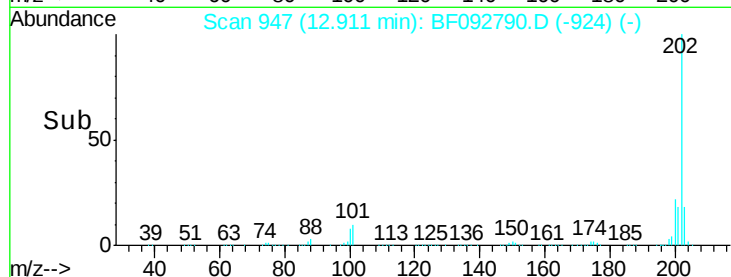
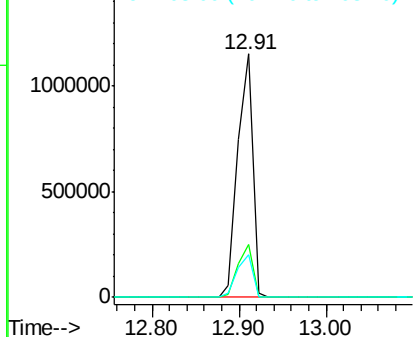


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 74.22 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092790.D
 Acq: 3 Feb 2017 22:05

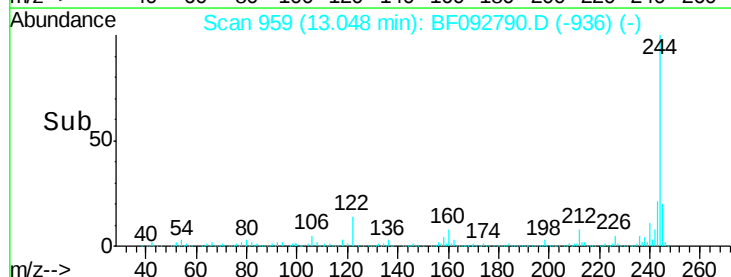
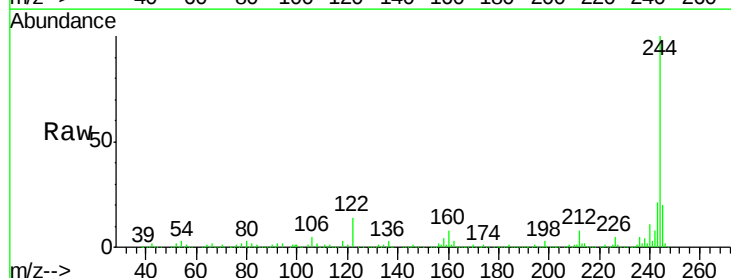
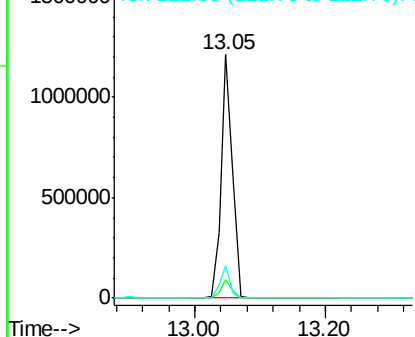
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.6	11.4	17.2

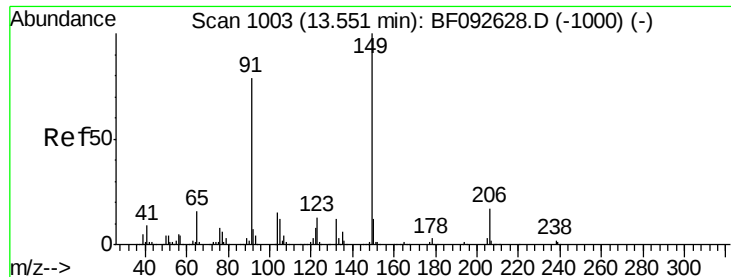
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.36 ng

RT: 13.53 min Scan# 1001

Delta R.T. -0.02 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

WC-B6-B7-001MS

Tgt Ion:149 Resp: 672135
Ion Ratio Lower Upper

149 100

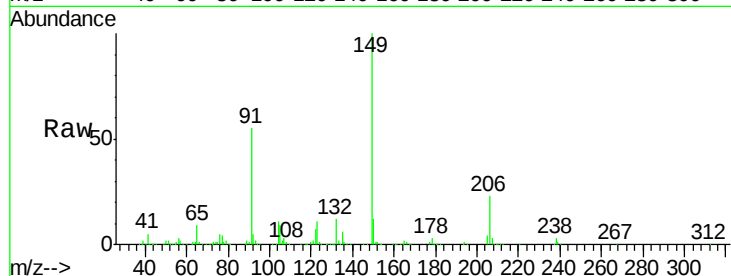
91 55.3 63.9 95.9#

206 23.1 14.6 21.8#

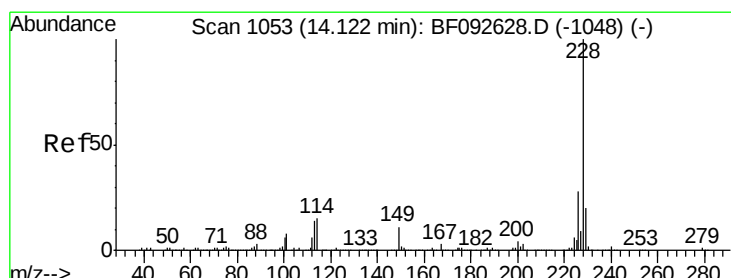
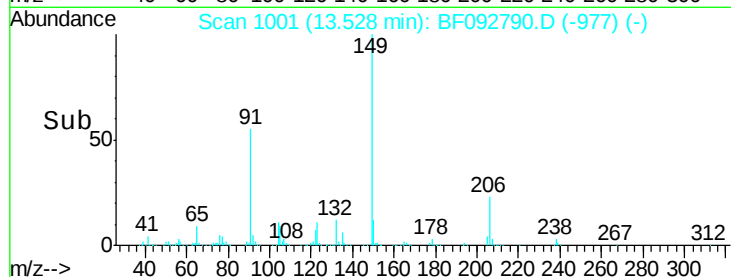
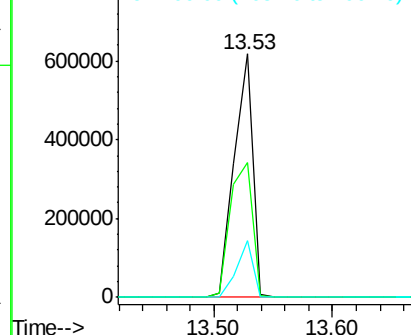
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.53 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

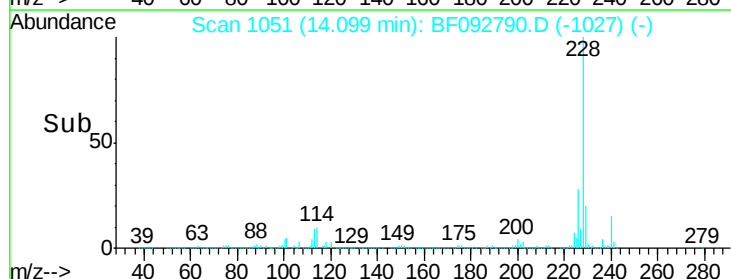
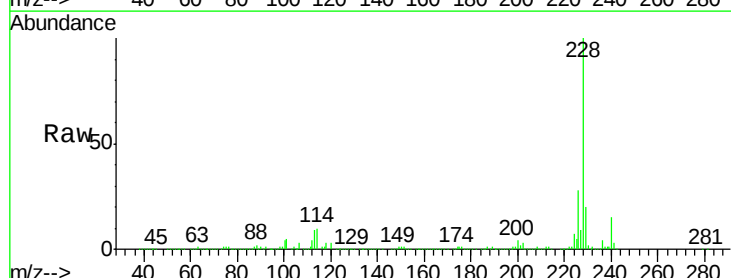
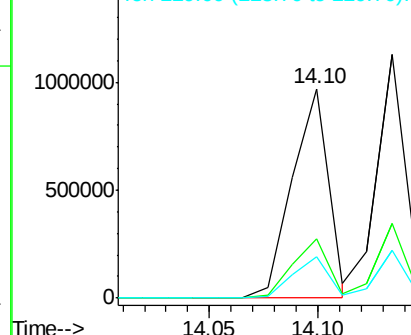
Tgt Ion:228 Resp: 1128917
Ion Ratio Lower Upper

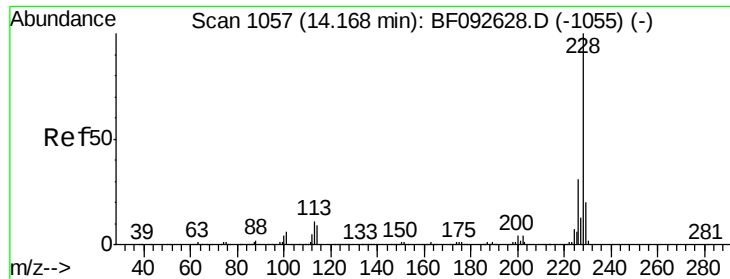
228 100

226 28.4 22.4 33.6

229 19.8 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





#82
Chrysene
Concen: 39.56 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

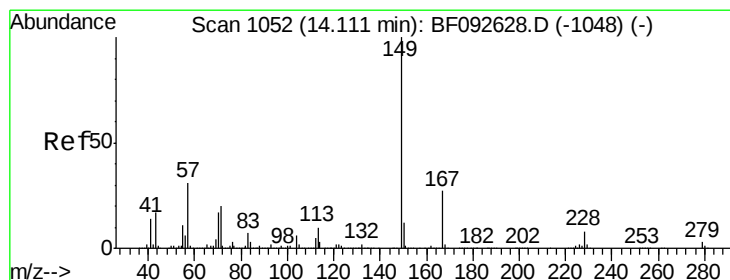
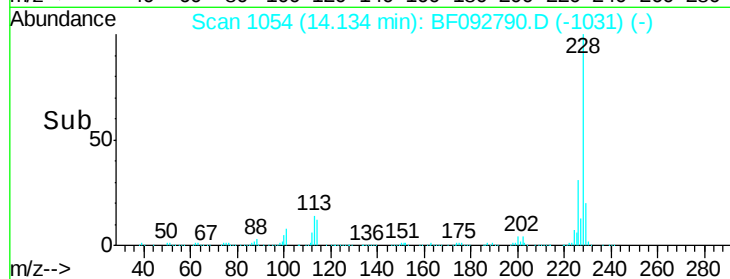
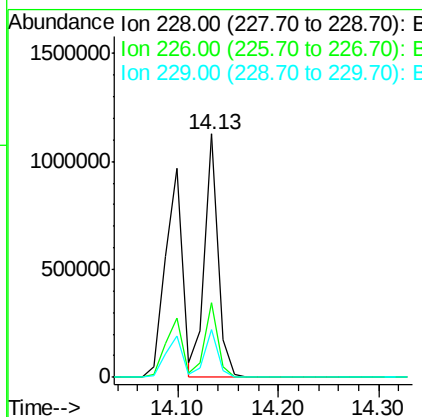
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion: 228 Resp: 1057846
Ion Ratio Lower Upper
228 100
226 30.8 25.4 38.0
229 19.7 16.2 24.2

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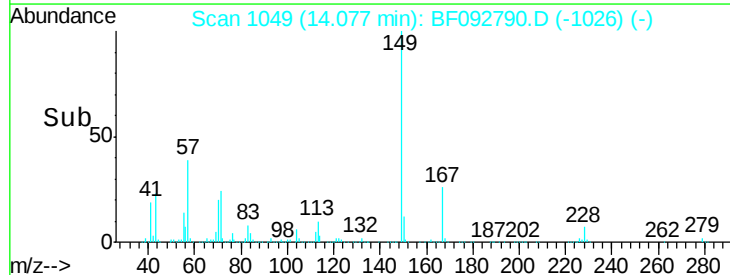
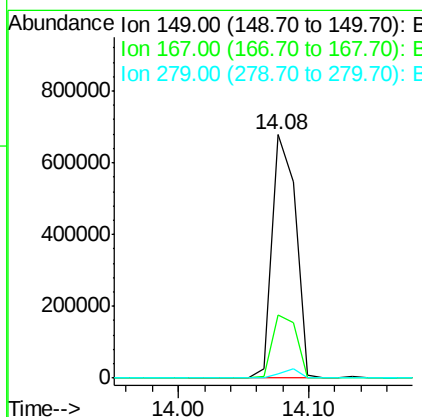
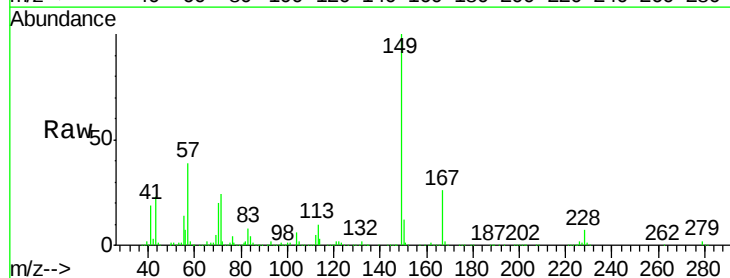
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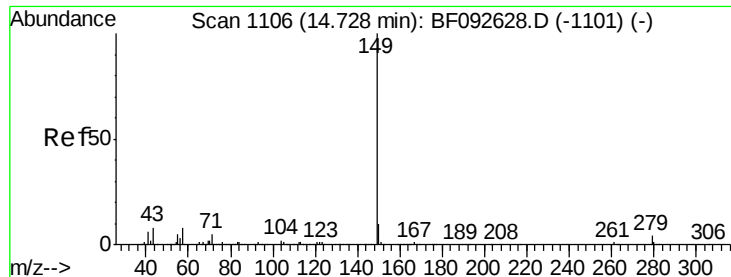
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#83
Bis(2-ethylhexyl)phthalate
Concen: 44.72 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion: 149 Resp: 867955
Ion Ratio Lower Upper
149 100
167 25.8 20.2 30.4
279 1.9 1.8 2.8





#84

Di-n-octyl phthalate

Concen: 48.67 ng

RT: 14.69 min Scan# 1103

Delta R.T. -0.03 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Instrument :

BNA_F

ClientSampleId :

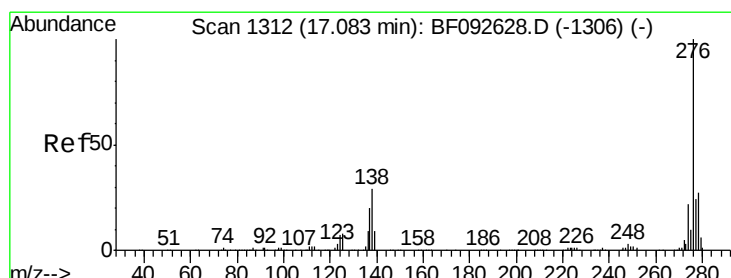
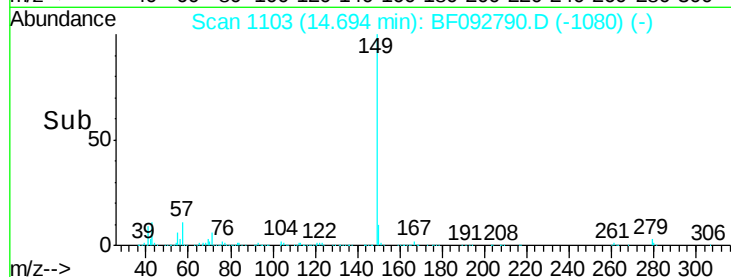
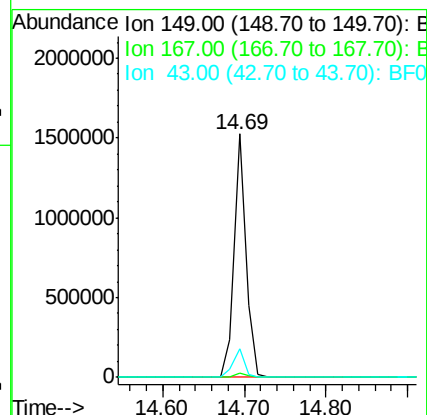
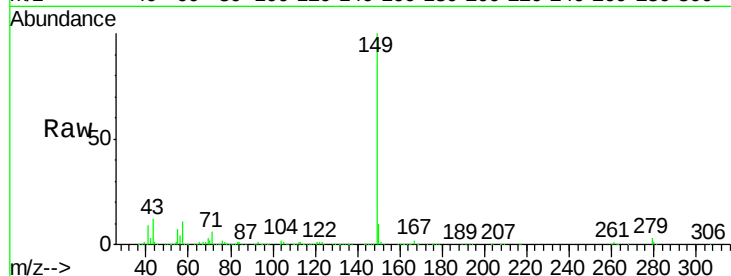
WC-B6-B7-001MS

Tgt Ion:	149	Resp:	1538041
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.3	8.9	13.3

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#85

Indeno(1,2,3-cd)pyrene

Concen: 36.97 ng

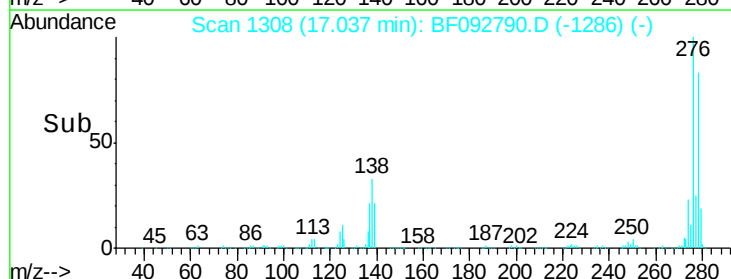
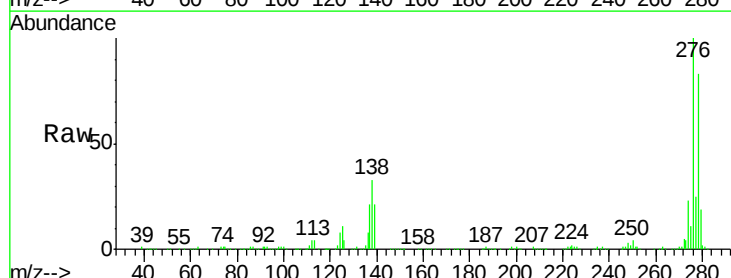
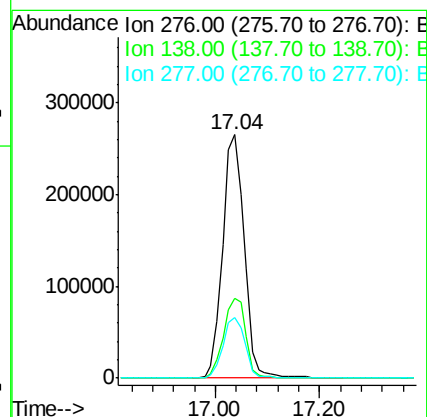
RT: 17.04 min Scan# 1308

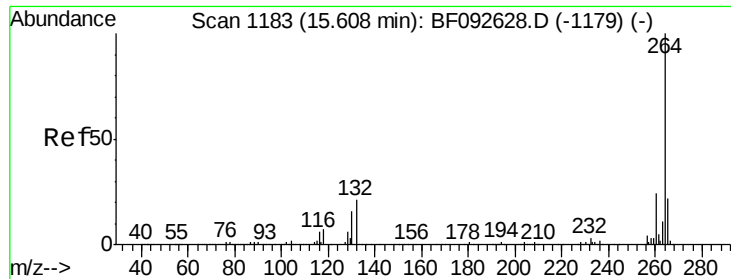
Delta R.T. -0.05 min

Lab File: BF092790.D

Acq: 3 Feb 2017 22:05

Tgt Ion:	276	Resp:	765715
Ion Ratio	Lower	Upper	
276	100		
138	33.8	21.8	32.6#
277	25.4	20.2	30.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

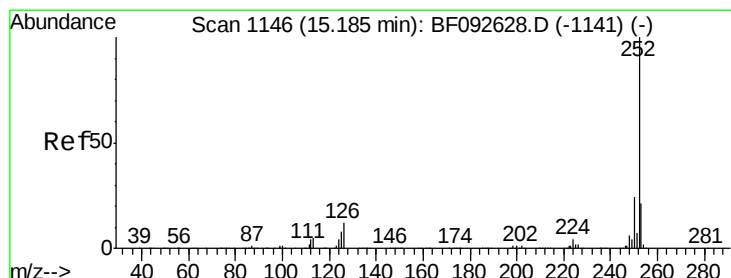
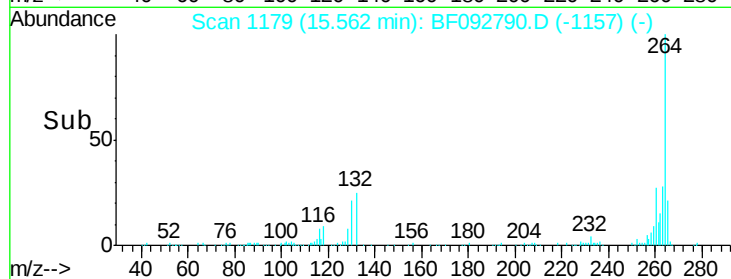
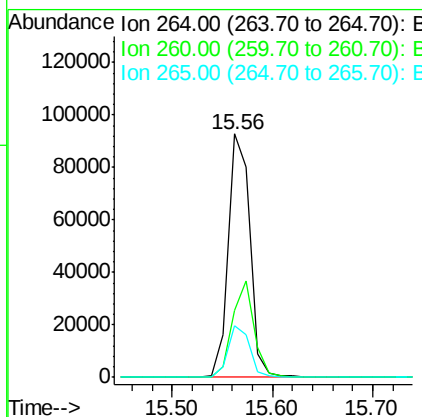
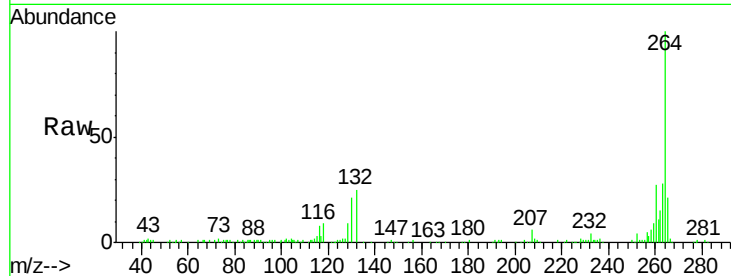
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.3	19.2	28.8
265	21.2	17.4	26.0

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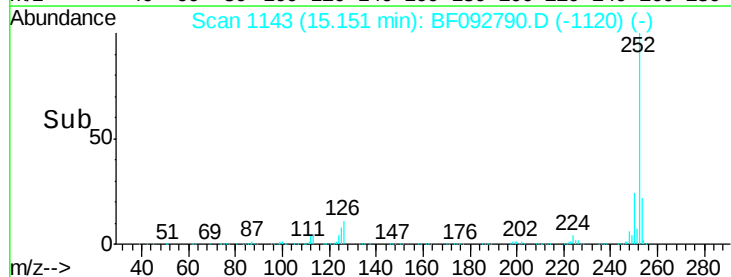
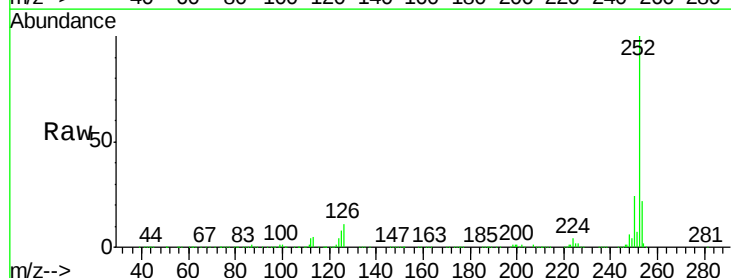
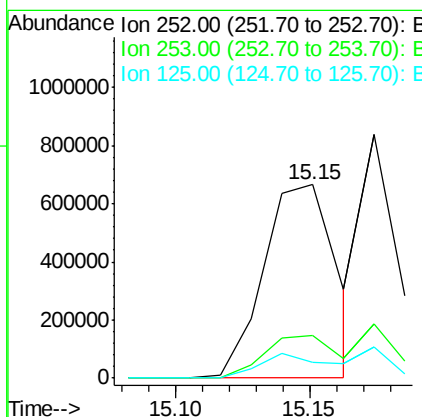
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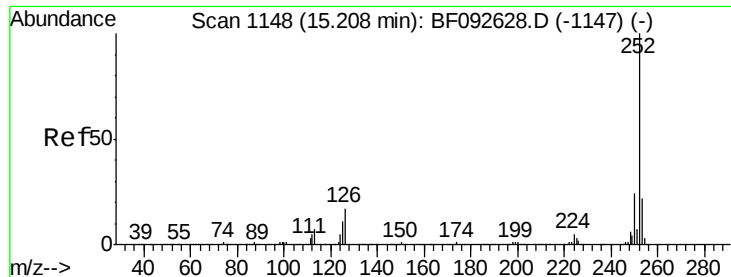
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#87
Benzo(b)fluoranthene
Concen: 136.93 ng m
RT: 15.15 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	8.2	9.8	14.6





#88
Benzo(k)fluoranthene
Concen: 100.75 ng m
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

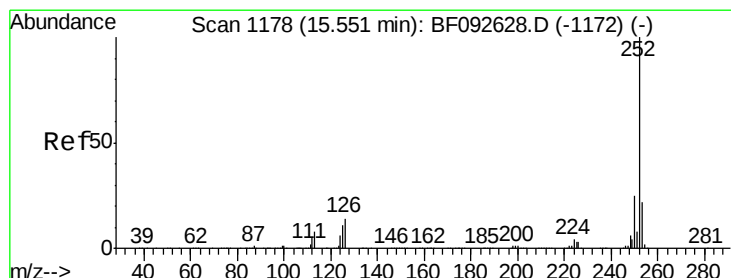
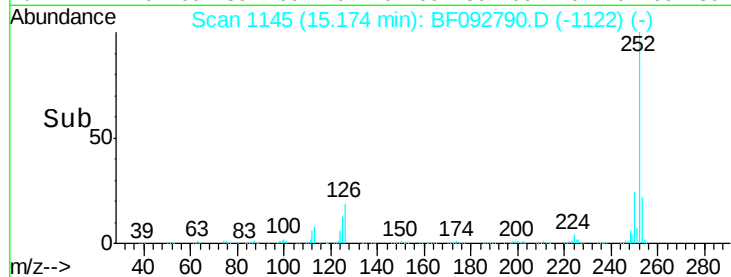
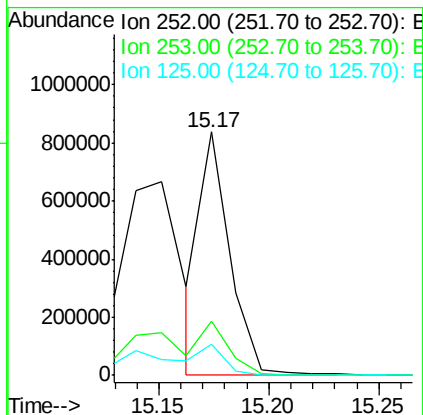
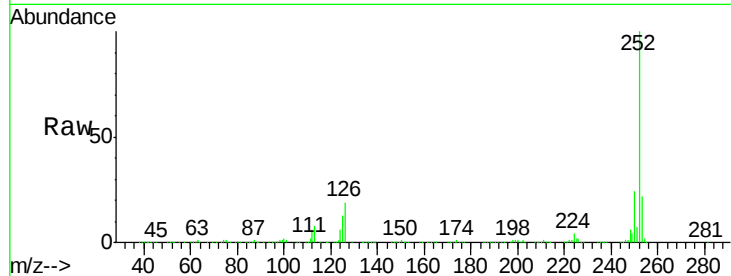
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	12.6	8.9	13.3

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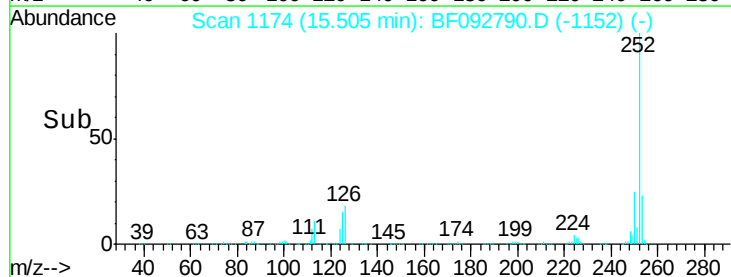
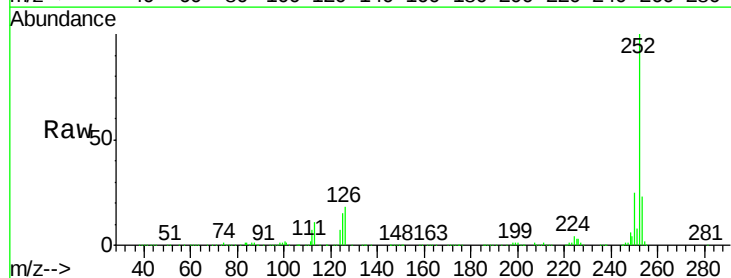
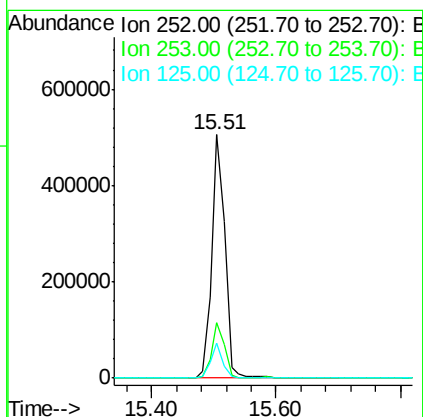
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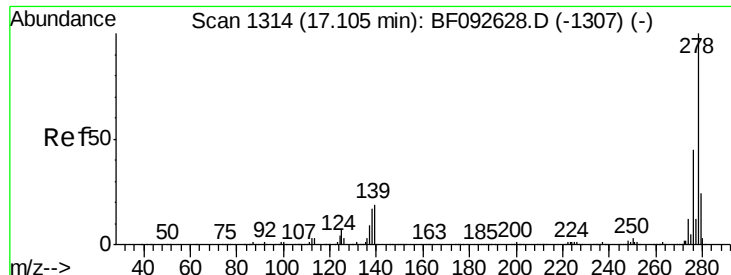
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#89
Benzo(a)pyrene
Concen: 92.67 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	14.5	10.0	15.0





#90
Dibenzo(a,h)anthracene
Concen: 127.34 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.06 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

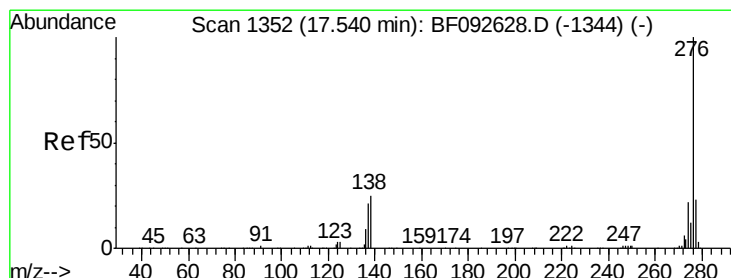
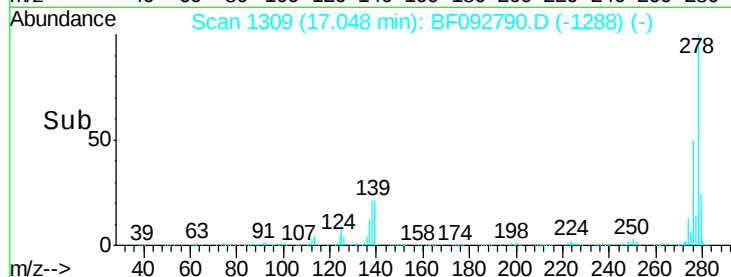
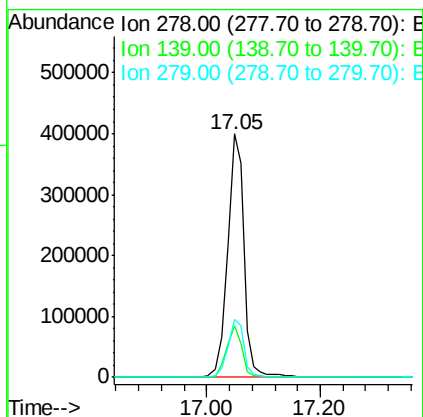
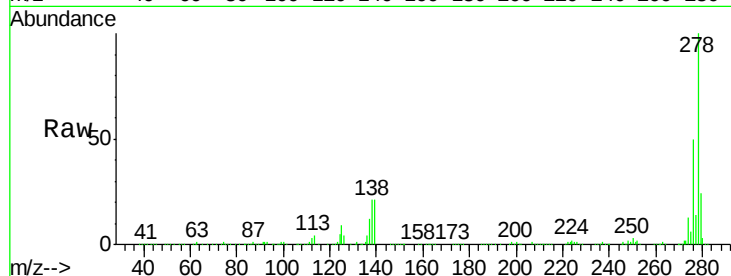
Instrument :
BNA_F
ClientSampleId :
WC-B6-B7-001MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	14.8	22.2
279	23.9	19.8	29.6

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#91
Benzo(g,h,i)perylene
Concen: 93.11 ng
RT: 17.48 min Scan# 1347
Delta R.T. -0.06 min
Lab File: BF092790.D
Acq: 3 Feb 2017 22:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	24.3	16.0	24.0

