

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092796.D
 Acq On : 4 Feb 2017 00:50
 Operator : SJ/MA
 Sample : I1690-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Manual Integrations
 APPROVED

mohammad
 2/6/2017 12:34:20 PM

Quant Time: Feb 06 05:04:29 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	6.92	152	135321	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	566683	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	298323	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	564244	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	337501	20.00	ng	-0.03
86) Perylene-d12	15.57	264	322551	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1079988	136.92	ng	-0.03
7) Phenol-d6	6.58	99	1526600	150.42	ng	-0.02
23) Nitrobenzene-d5	7.49	82	903770	88.81	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	316353	146.62	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1713482	104.06	ng	-0.03
78) Terphenyl-d14	13.05	244	1294043	90.09	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	159255	37.37	ng	# 81
3) Pyridine	3.32	79	432326	39.89	ng	86
4) n-Nitrosodimethylamine	3.29	42	237590	46.69	ng	91
6) Aniline	6.59	93	558570	40.35	ng	90
8) 2-Chlorophenol	6.72	128	442595	50.86	ng	100
9) Benzaldehyde	6.48	77	247370	34.02	ng	93
10) Phenol	6.59	94	711303	59.91	ng	91
11) bis(2-Chloroethyl)ether	6.67	93	436475	46.05	ng	95
12) 1,3-Dichlorobenzene	6.86	146	464764m	45.60	ng	
13) 1,4-Dichlorobenzene	6.94	146	509899	49.43	ng	95
14) 1,2-Dichlorobenzene	7.09	146	441106	44.72	ng	98
15) Benzyl Alcohol	7.07	79	357082	47.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	746477	45.34	ng	94
17) 2-Methylphenol	7.20	107	375700	50.33	ng	98
18) Hexachloroethane	7.44	117	157414	44.70	ng	91
19) n-Nitroso-di-n-propylamine	7.34	70	297898	46.11	ng	95
20) 3+4-Methylphenols	7.34	107	466675	52.29	ng	95
22) Acetophenone	7.34	105	580002	44.83	ng	# 91
24) Nitrobenzene	7.52	77	517878	49.56	ng	91
25) Isophorone	7.76	82	889864	46.93	ng	99
26) 2-Nitrophenol	7.82	139	237669	47.85	ng	93
27) 2,4-Dimethylphenol	7.87	122	391488	44.88	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	541297	43.10	ng	99
29) 2,4-Dichlorophenol	8.08	162	410938	50.51	ng	94
30) 1,2,4-Trichlorobenzene	8.16	180	413200	47.13	ng	98
31) Naphthalene	8.24	128	1325359	46.14	ng	99
32) Benzoic acid	7.94	122	15857m	9.90	ng	
33) 4-Chloroaniline	8.28	127	169209	15.02	ng	99
34) Hexachlorobutadiene	8.35	225	212505	44.06	ng	98
35) Caprolactam	8.66	113	127652m	49.88	ng	
36) 4-Chloro-3-methylphenol	8.78	107	431015	50.81	ng	97
37) 2-Methylnaphthalene	8.93	142	911030	49.39	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	365214	43.61	ng	99
40) Hexachlorocyclopentadiene	9.08	237	247950	65.63	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	286203	52.01	ng	96
43) 2,4,5-Trichlorophenol	9.26	196	291526	48.35	ng	# 80
45) 1,1'-Biphenyl	9.39	154	1026472	47.52	ng	96
46) 2-Chloronaphthalene	9.42	162	866758	51.29	ng	97
47) 2-Nitroaniline	9.52	65	258584	45.51	ng	97
48) Acenaphthylene	9.84	152	1234340	42.28	ng	99
49) Dimethylphthalate	9.70	163	1042133	51.86	ng	98
50) 2,6-Dinitrotoluene	9.77	165	238515	54.96	ng	92
51) Acenaphthene	10.01	154	728676	41.75	ng	97
52) 3-Nitroaniline	9.94	138	161446	32.51	ng	# 69
53) 2,4-Dinitrophenol	10.04	184	30409	17.69	ng	93
54) Dibenzofuran	10.18	168	1083433	46.41	ng	98
55) 4-Nitrophenol	10.11	139	308369	86.21	ng	91
56) 2,4-Dinitrotoluene	10.17	165	264363	45.76	ng	96
57) Fluorene	10.52	166	828065	46.11	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.30	232	220353	54.79	ng	97
59) Diethylphthalate	10.41	149	972328	51.35	ng	# 94
60) 4-Chlorophenyl-phenylether	10.52	204	409524	47.46	ng	# 73
61) 4-Nitroaniline	10.56	138	238615	46.91	ng	90
62) Azobenzene	10.68	77	1013427	51.80	ng	88
64) 4,6-Dinitro-2-methylphenol	10.58	198	85728	26.24	ng	# 76
65) n-Nitrosodiphenylamine	10.64	169	757249	42.01	ng	100
66) 4-Bromophenyl-phenylether	11.01	248	246128	41.75	ng	# 77
67) Hexachlorobenzene	11.07	284	230572	39.58	ng	# 80
68) Atrazine	11.17	200	288346	49.85	ng	93
69) Pentachlorophenol	11.28	266	257053	84.98	ng	99
70) Phenanthrene	11.49	178	1484383	45.92	ng	100
71) Anthracene	11.54	178	1367897	42.14	ng	99
72) Carbazole	11.70	167	1245938	40.15	ng	100
73) Di-n-butylphthalate	12.03	149	1684968	50.21	ng	# 96
74) Fluoranthene	12.68	202	1338053	40.13	ng	94
76) Benzidine	12.80	184	456939	31.77	ng	97
77) Pyrene	12.91	202	1312478	51.96	ng	99
79) Butylbenzylphthalate	13.53	149	581502	56.69	ng	# 75
80) Benzo(a)anthracene	14.10	228	953957	46.21	ng	99
81) 3,3'-Dichlorobenzidine	14.07	252	275323	37.42	ng	# 94
82) Chrysene	14.13	228	862513	44.63	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	732715	52.24	ng	99
84) Di-n-octyl phthalate	14.69	149	1205937	52.80	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	951636	63.57	ng	95
87) Benzo(h)fluoranthene	15.15	252	1027450m	48.40	ng	
88) Benzo(k)fluoranthene	15.17	252	722037m	39.39	ng	
89) Benzo(a)pyrene	15.52	252	871985	47.48	ng	97
90) Dibenzo(a,h)anthracene	17.06	278	782755	52.74	ng	97
91) Benzo(g,h,i)perylene	17.49	276	803616	53.60	ng	# 95

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

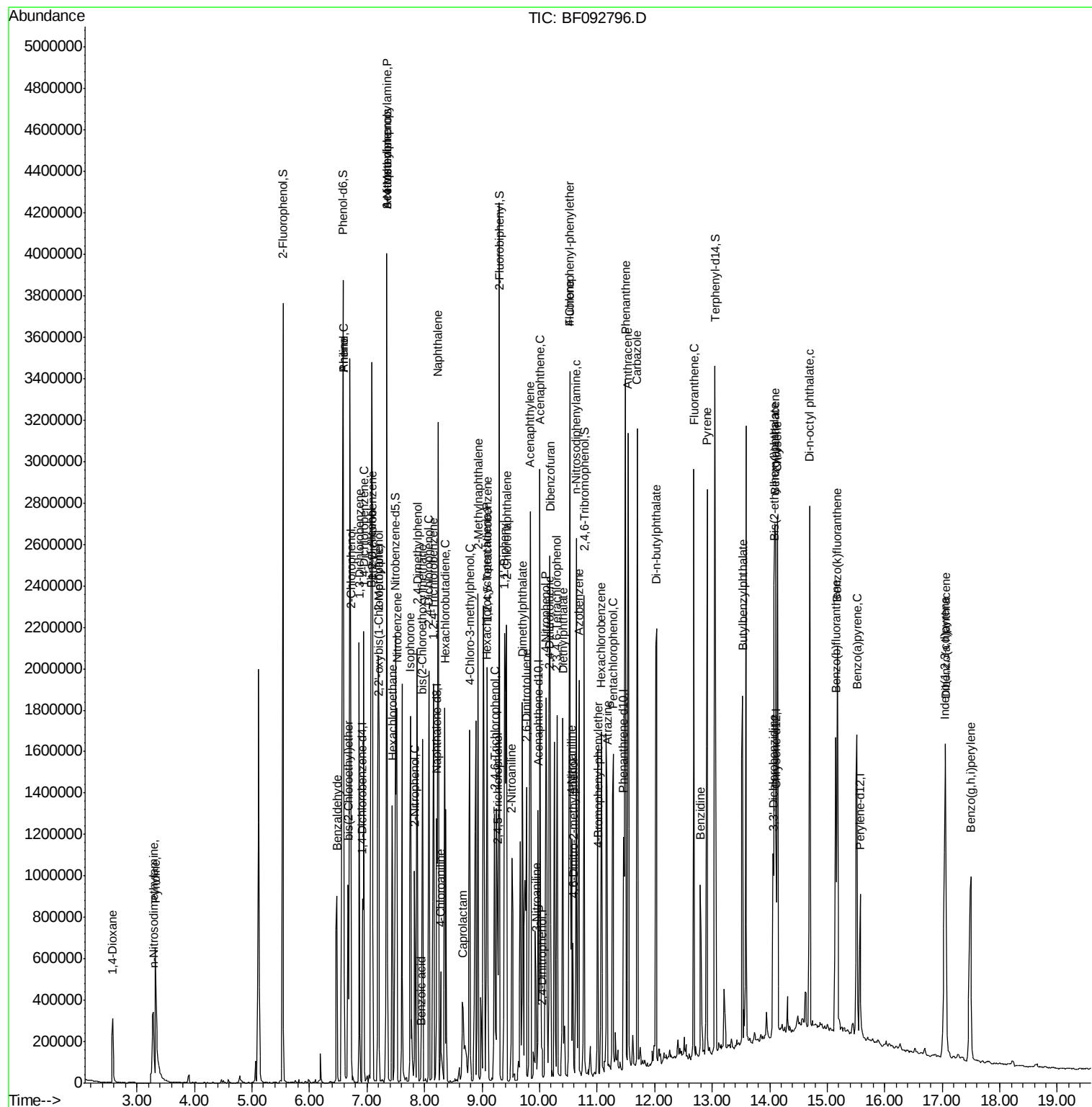
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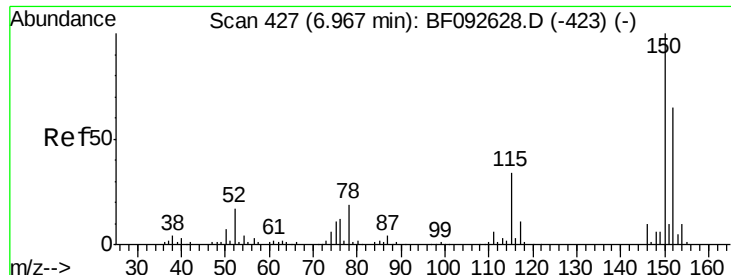
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#1

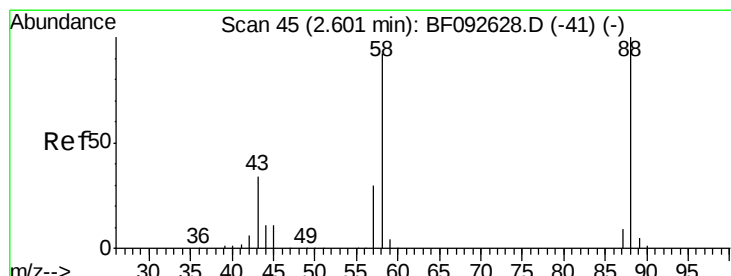
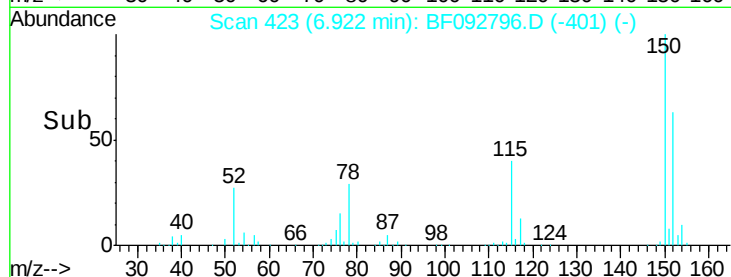
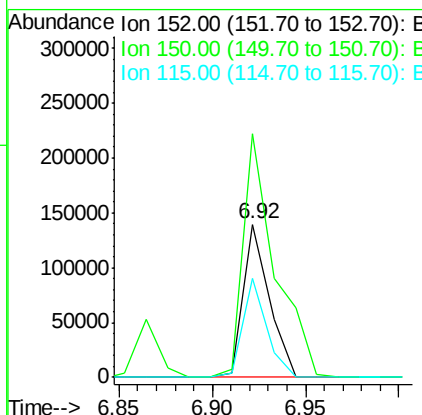
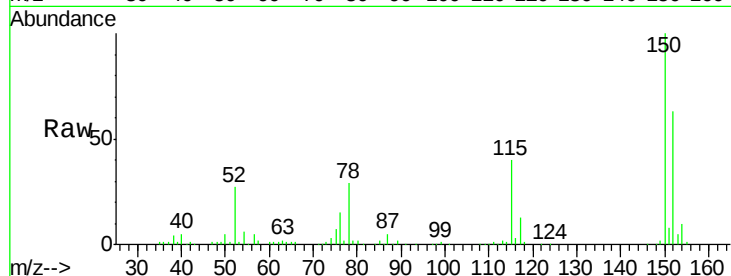
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.9	187.3
115	64.3	46.0	69.0

Manual Integrations
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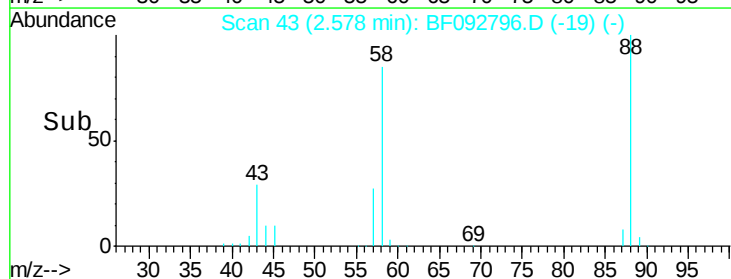
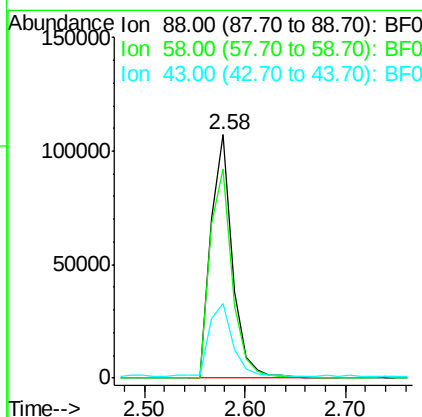
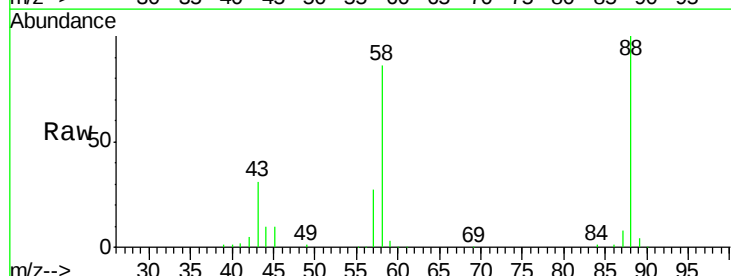
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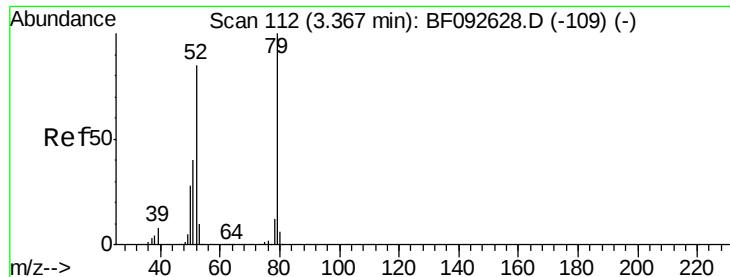


#2

1,4-Dioxane
Concen: 37.37 ng
RT: 2.58 min Scan# 43
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.1	57.8	86.8#
43	34.1	22.3	33.5#





#3

Pyridine

Concen: 39.89 ng

RT: 3.32 min Scan# 108

Delta R.T. -0.05 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

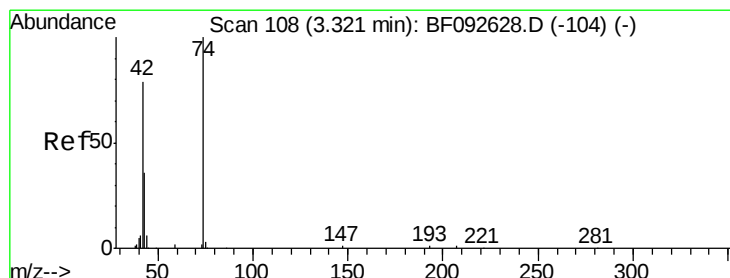
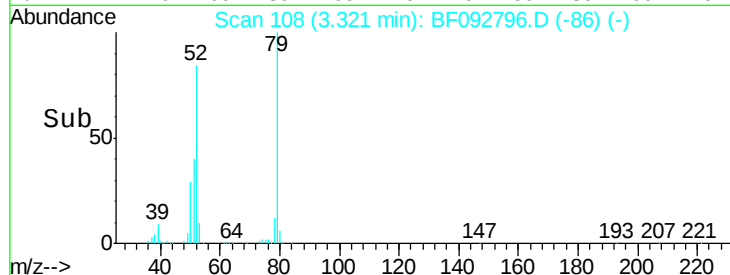
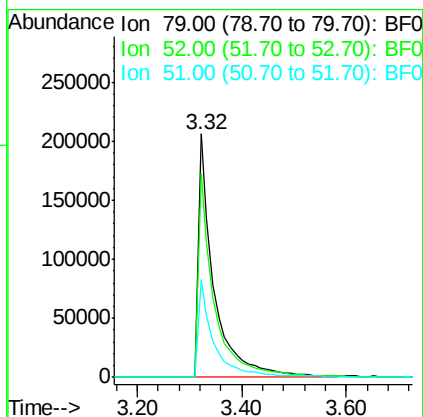
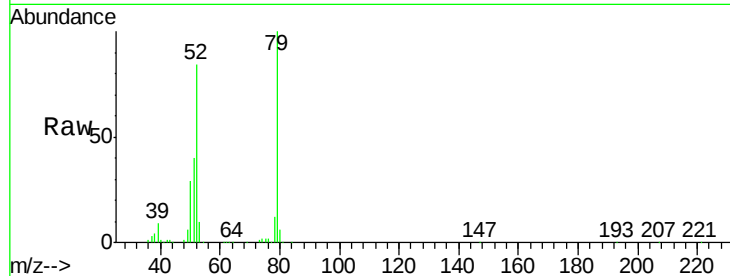
ClientSampleId :

MH-6-COMPMSD

Tgt Ion:	79	Resp:	432326
Ion	Ratio	Lower	Upper
79	100		
52	83.8	57.1	85.7
51	40.2	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 46.69 ng

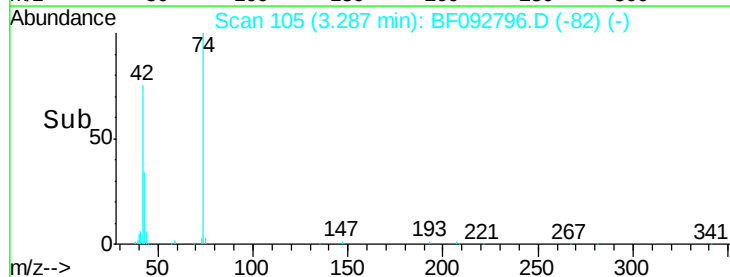
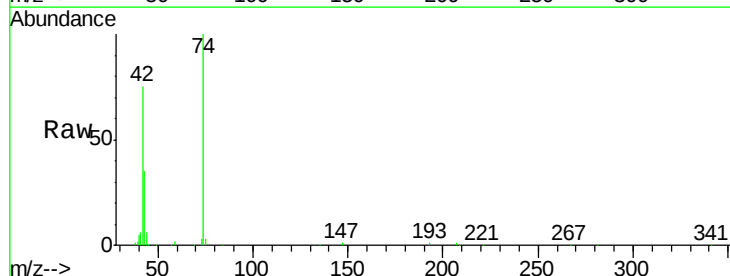
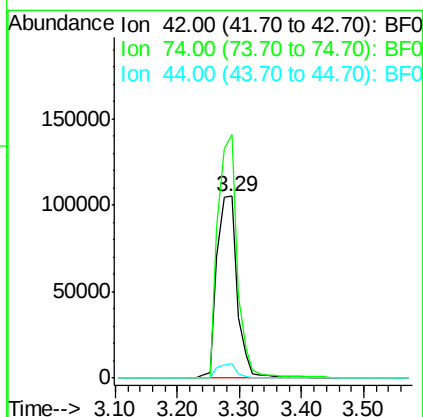
RT: 3.29 min Scan# 105

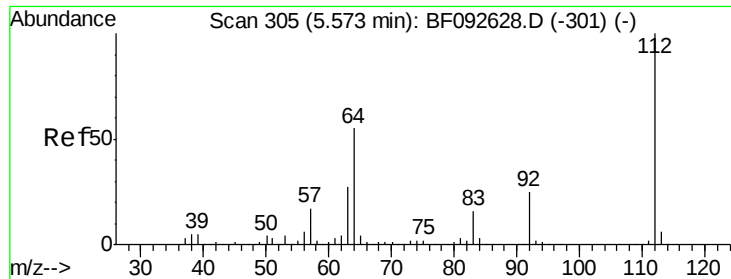
Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Tgt Ion:	42	Resp:	237590
Ion	Ratio	Lower	Upper
42	100		
74	134.0	117.0	175.4
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 136.92 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

MH-6-COMPMSD

Tgt Ion: 112 Resp: 1079988

Ion Ratio Lower Upper

112 100

64 66.0 46.1 69.1

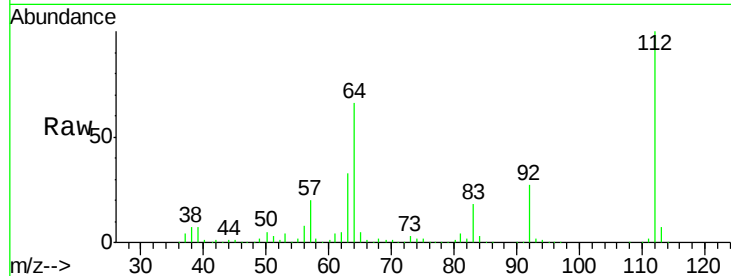
63 33.3 23.8 35.6

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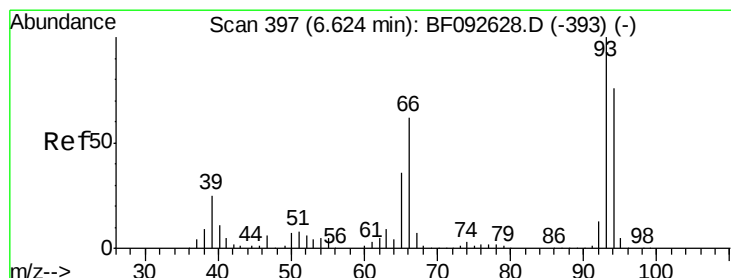
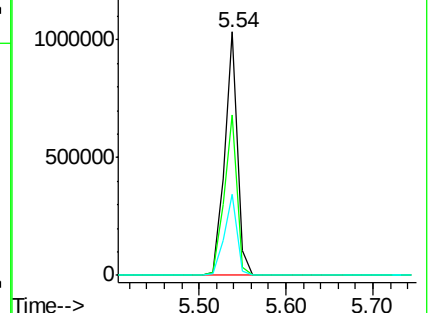
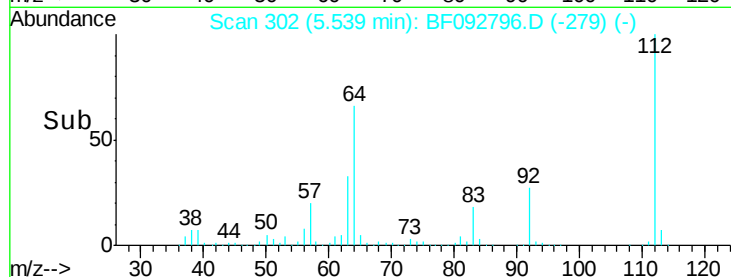
2/6/2017 12:34:20 PM



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: 40.35 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

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Acq: 4 Feb 2017 00:50

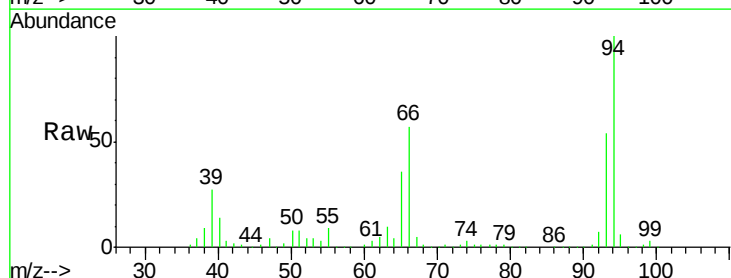
Tgt Ion: 93 Resp: 558570

Ion Ratio Lower Upper

93 100

66 105.5 76.2 114.2

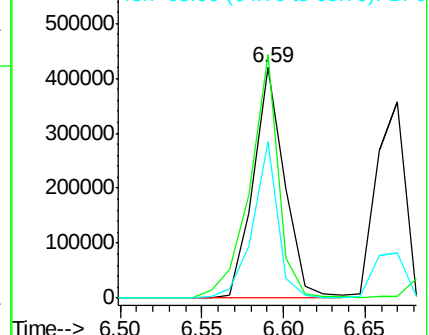
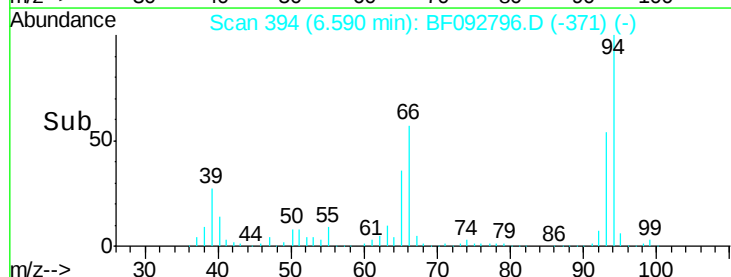
65 67.9 49.3 73.9

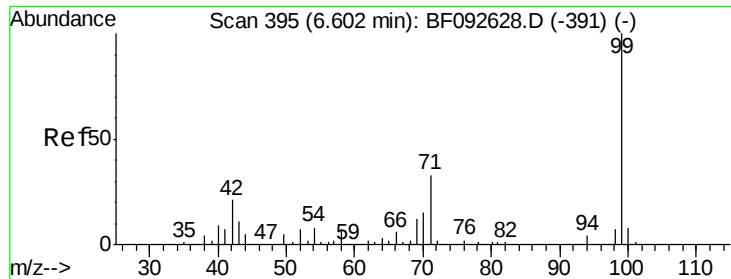


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 150.42 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

ClientSampled :

MH-6-COMPMSD

Tgt Ion: 99 Resp: 1526600

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

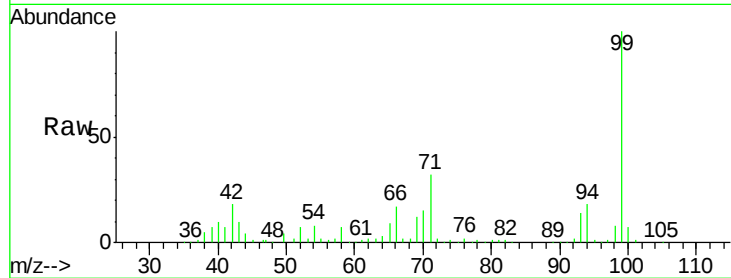
71 31.5 27.5 41.3

Manual Integrations

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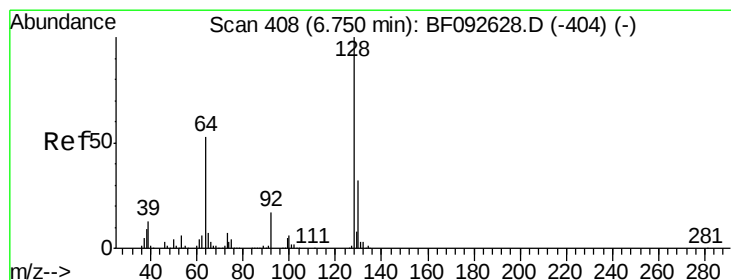
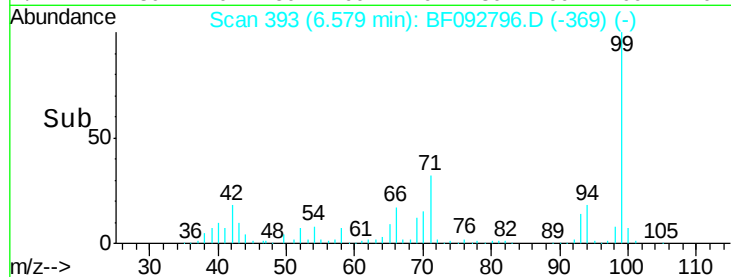
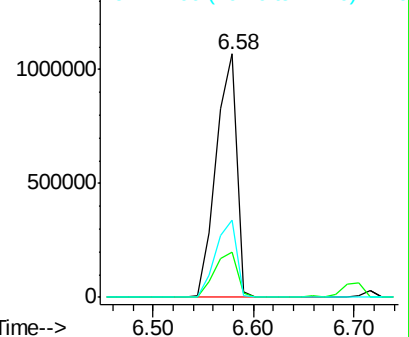
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.86 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

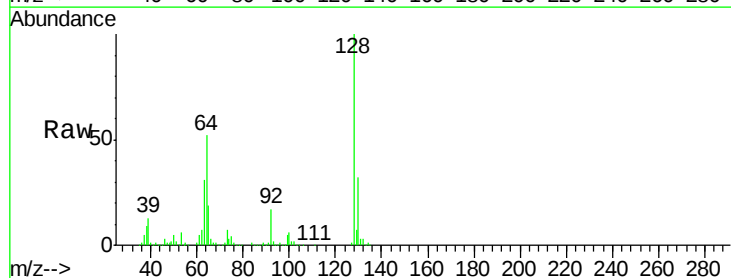
Tgt Ion: 128 Resp: 442595

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

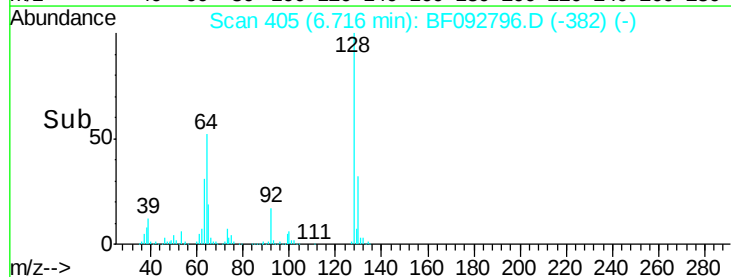
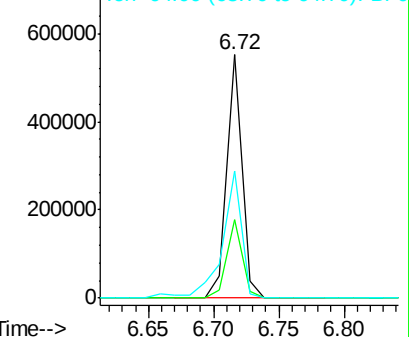
64 52.0 32.2 72.2

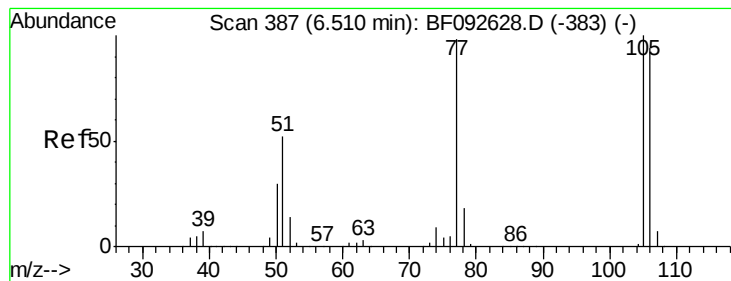


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.02 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

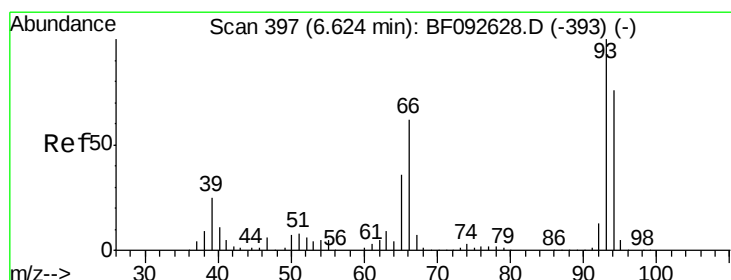
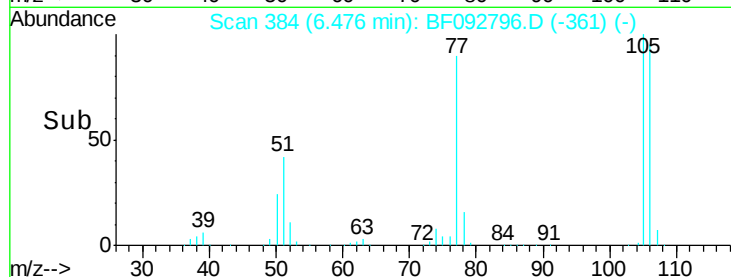
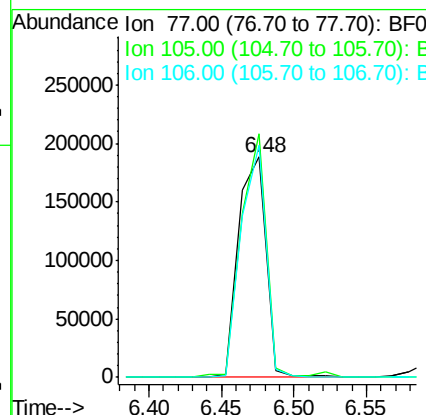
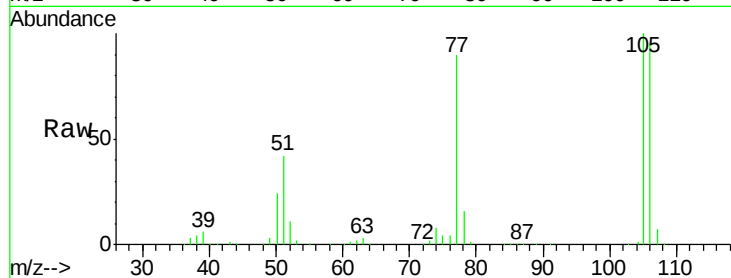
ClientSampleId :

MH-6-COMPMSD

Tgt Ion:	77	Resp:	247370
Ion	Ratio	Lower	Upper
77	100		
105	110.6	83.9	123.9
106	105.3	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 59.91 ng

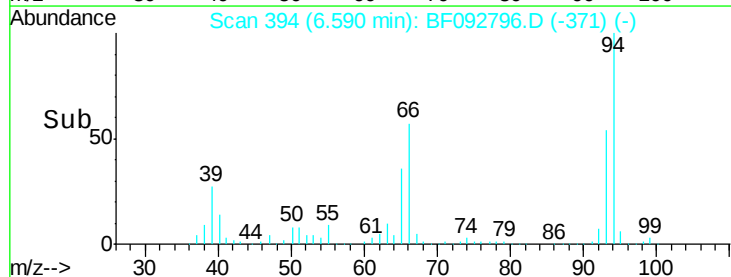
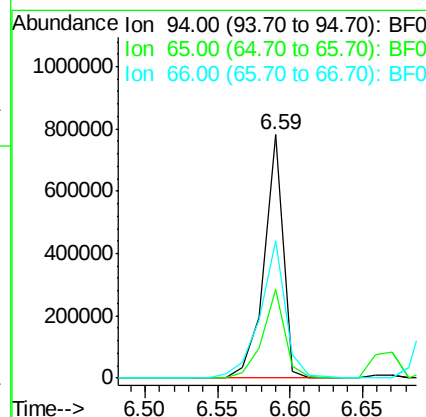
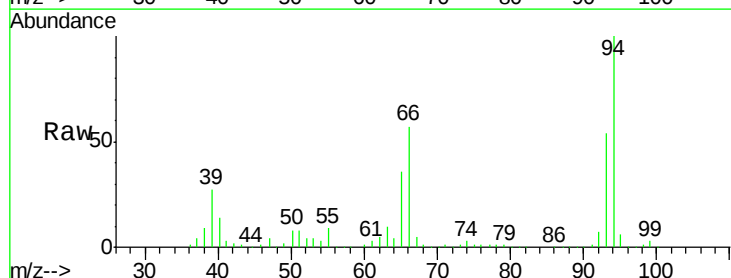
RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Tgt Ion:	94	Resp:	711303
Ion	Ratio	Lower	Upper
94	100		
65	36.5	21.4	61.4
66	56.7	44.0	84.0





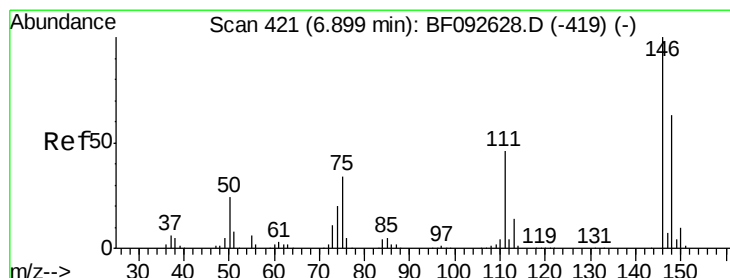
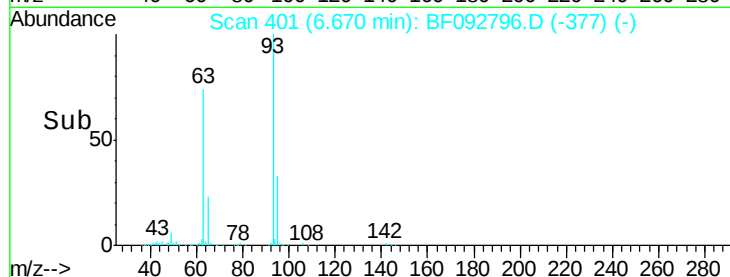
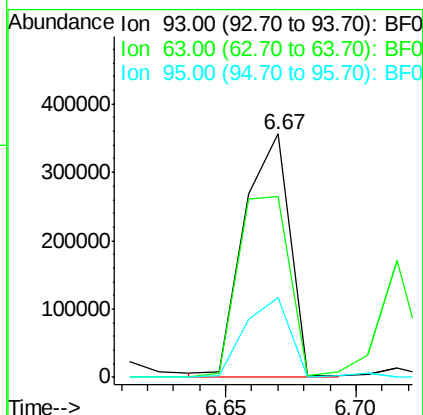
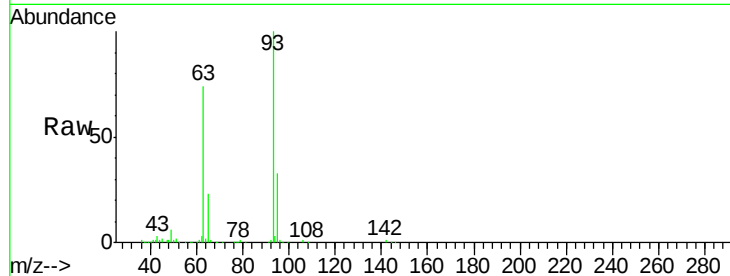
#11
bis(2-Chloroethyl)ether
Concen: 46.05 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.5	60.4	100.4
95	32.7	12.8	52.8

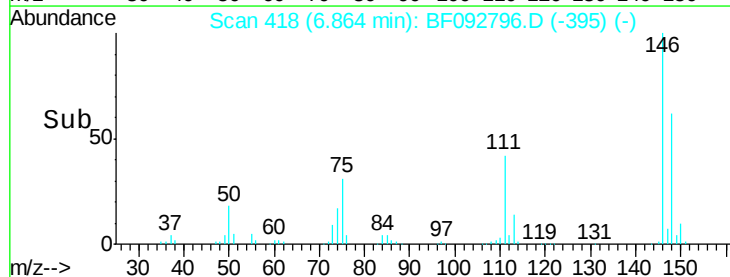
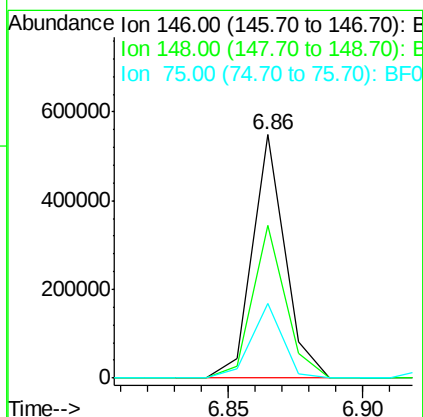
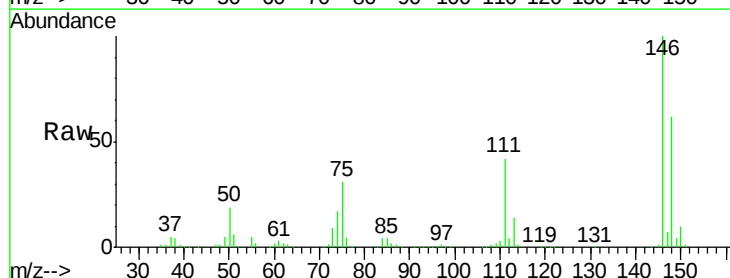
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#12
1,3-Dichlorobenzene
Concen: 45.60 ng m
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	53.4	80.0
75	30.8	18.5	27.7





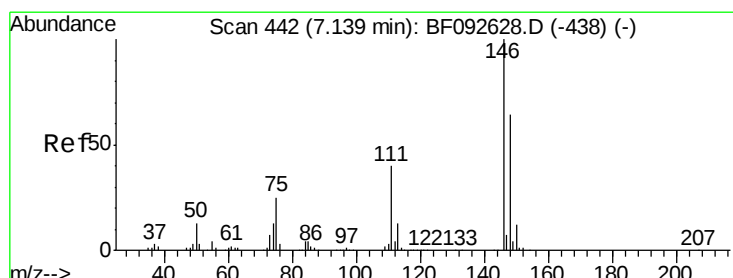
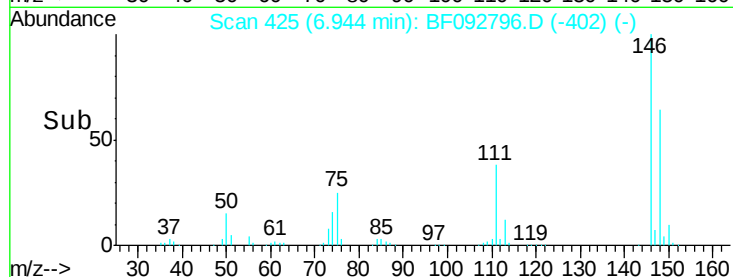
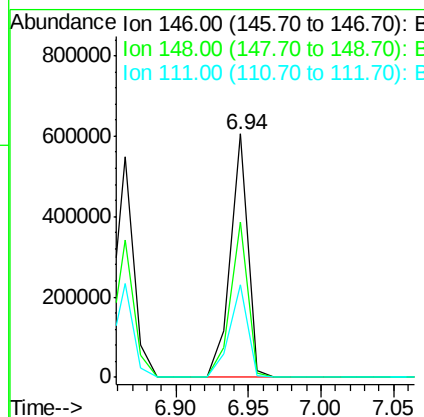
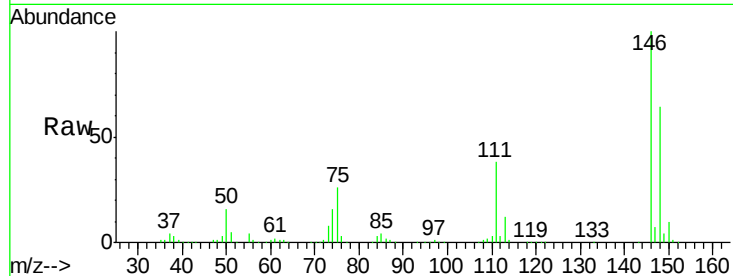
#13
1,4-Dichlorobenzene
Concen: 49.43 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	509899		
148	64.0		50.6	76.0
111	38.0		36.2	54.4

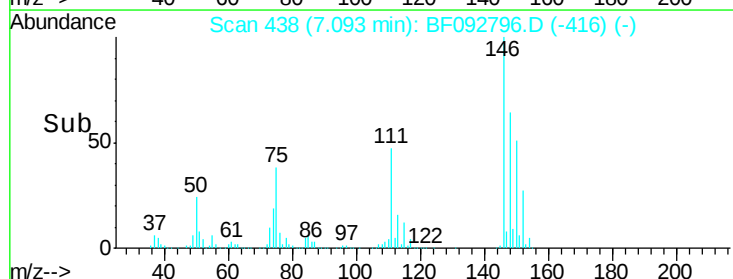
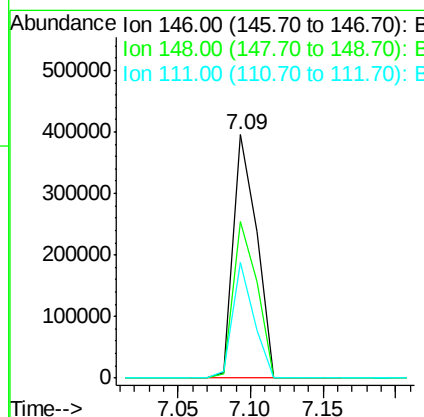
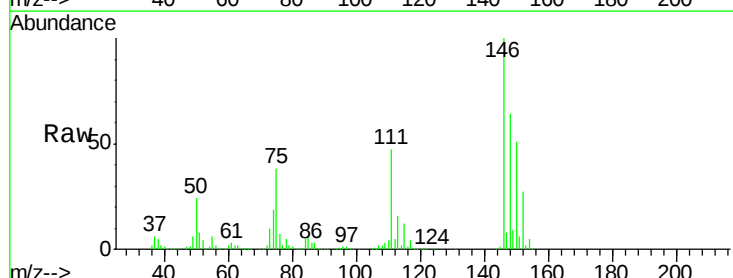
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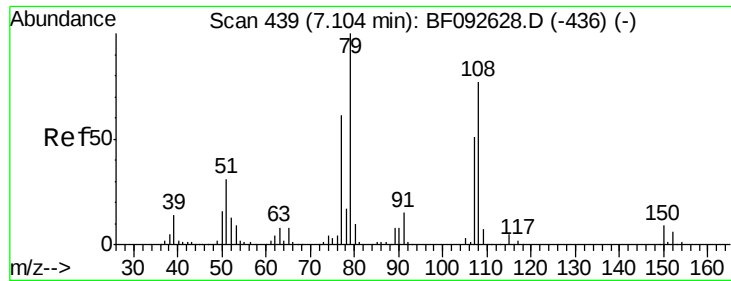
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#14
1,2-Dichlorobenzene
Concen: 44.72 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	441106		
148	64.4		52.2	78.2
111	47.4		36.2	54.2





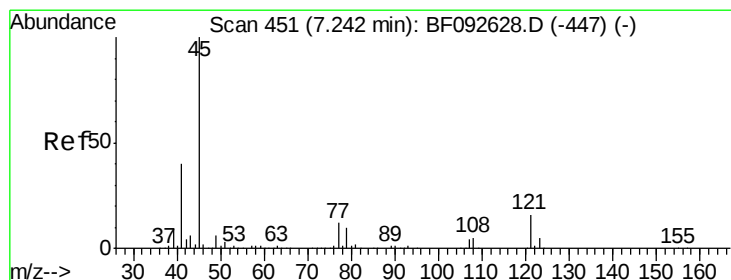
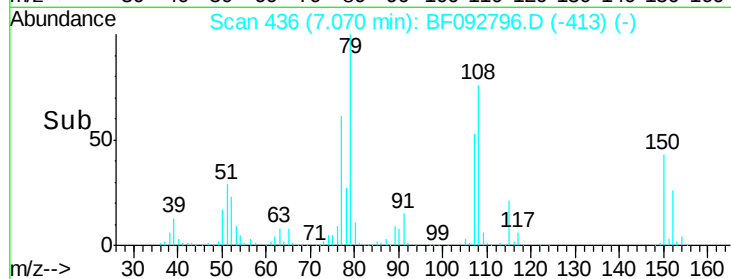
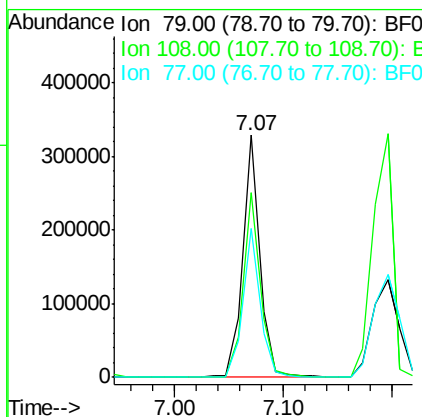
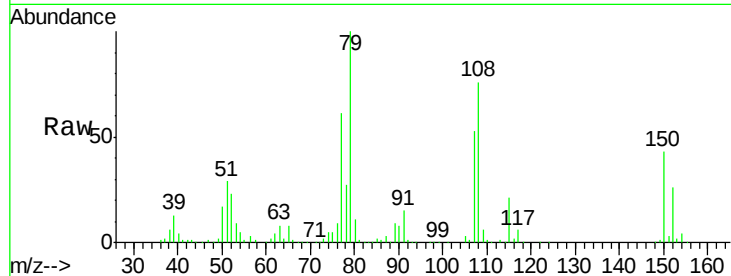
#15
Benzyl Alcohol
Concen: 47.53 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.4	92.0
77	61.3	50.9	76.3

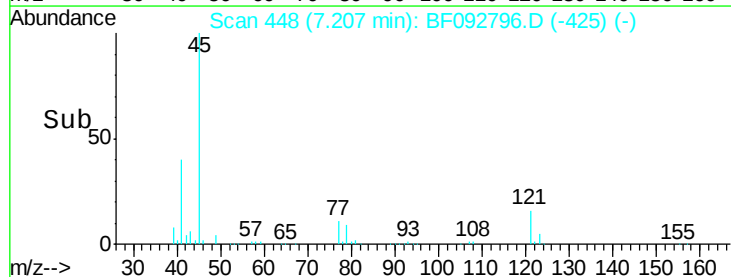
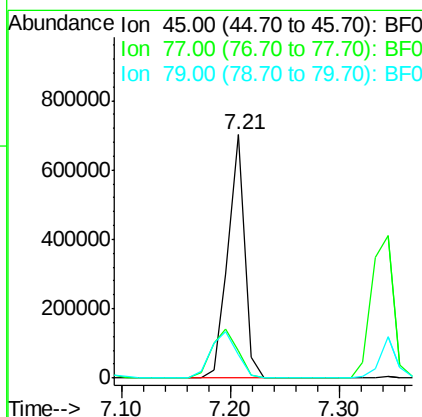
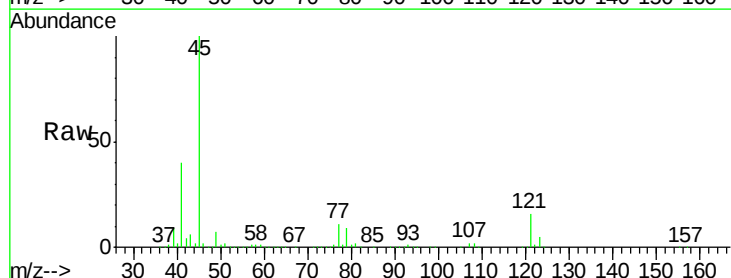
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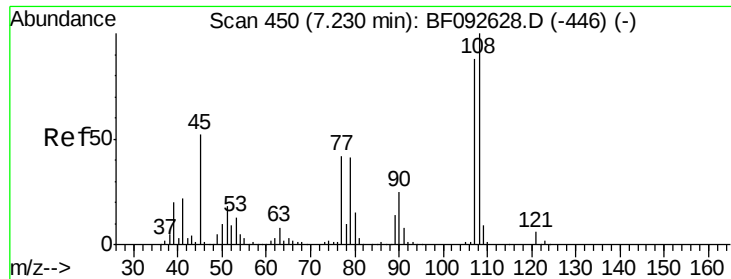
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.34 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	34.6
79	9.4	0.0	31.2





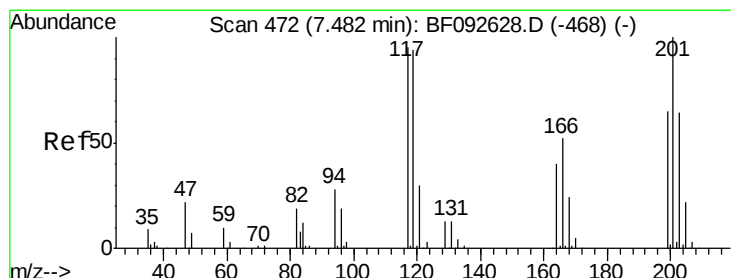
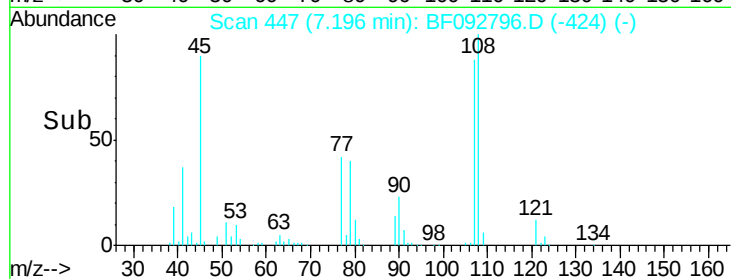
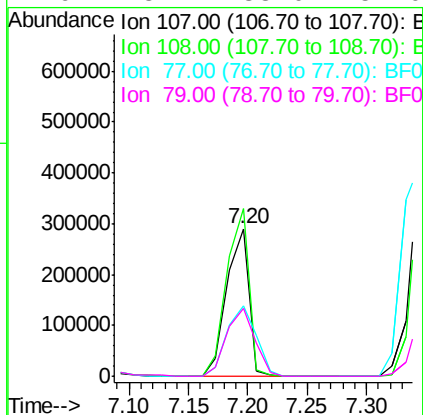
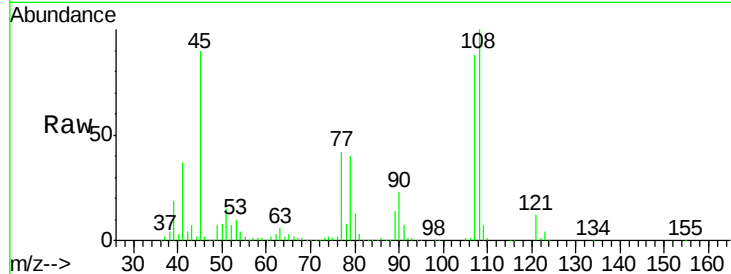
#17
2-Methylphenol
Concen: 50.33 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion:	107	Resp:	375700
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.0	139.6
77	48.1	39.8	59.8
79	45.7	38.0	57.0

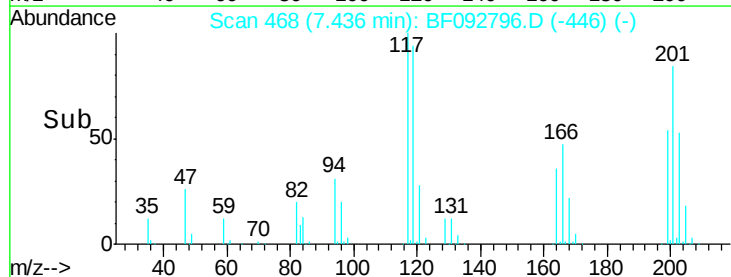
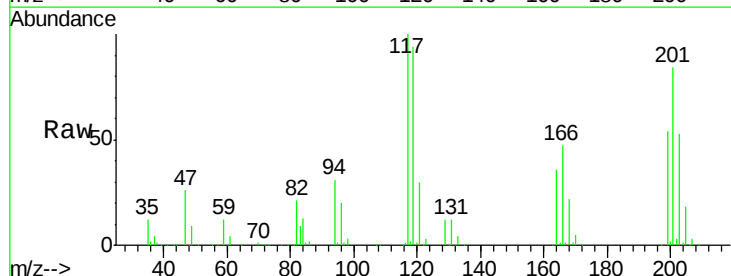
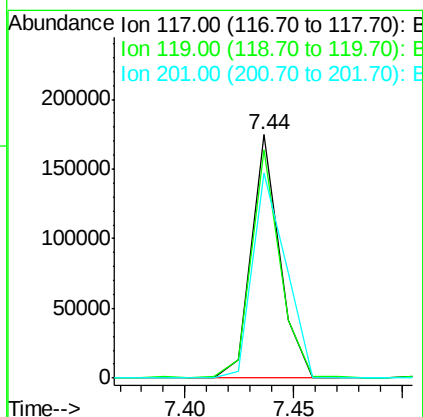
Manual Integrations
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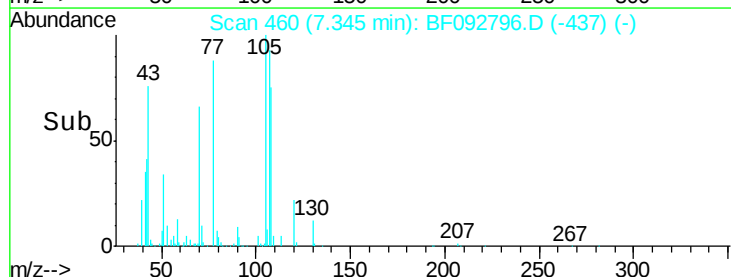
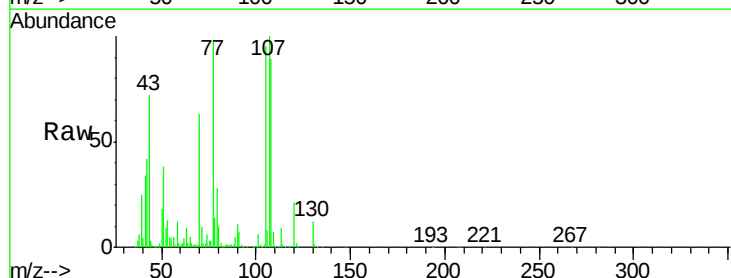
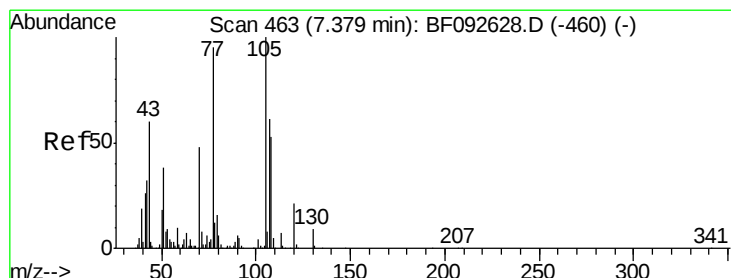
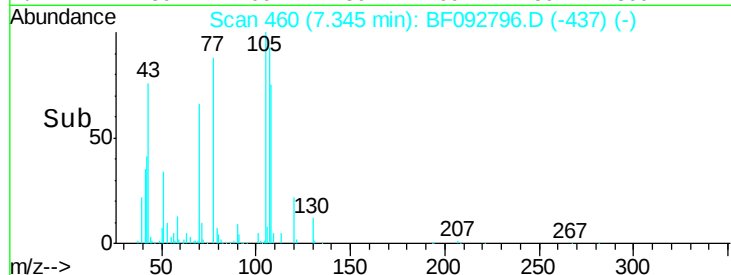
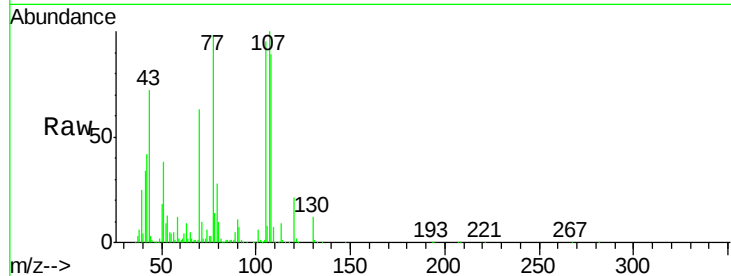
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#18
Hexachloroethane
Concen: 44.70 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

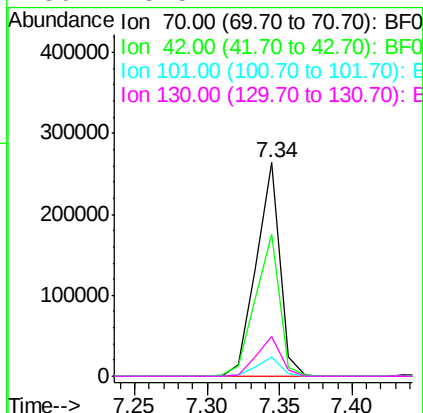
Tgt Ion:	117	Resp:	157414
Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.1	117.1
201	84.5	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 46.11 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	297898		
42	66.3	49.4	74.0	
101	9.0	7.4	11.2	
130	18.5	14.2	21.4	



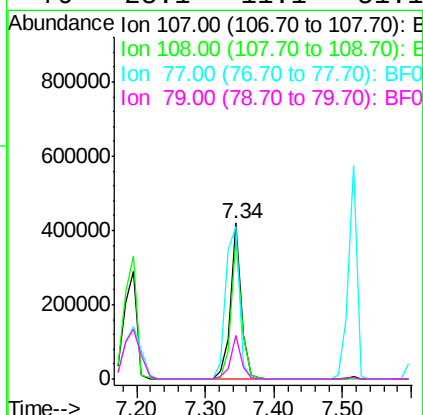
Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

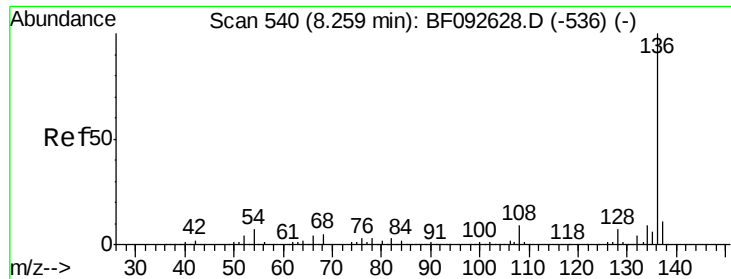
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#20
3+4-Methylphenols
Concen: 52.29 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	466675		
108	89.3	73.0	113.0	
77	97.9	71.3	111.3	
79	28.1	11.1	51.1	





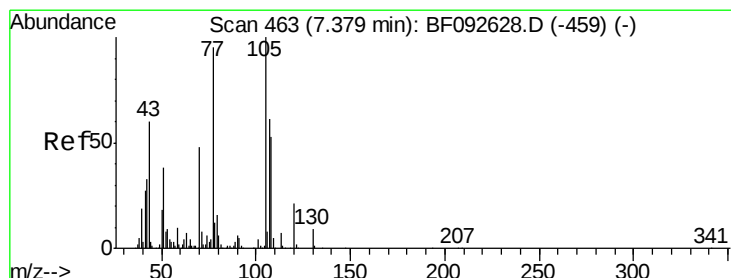
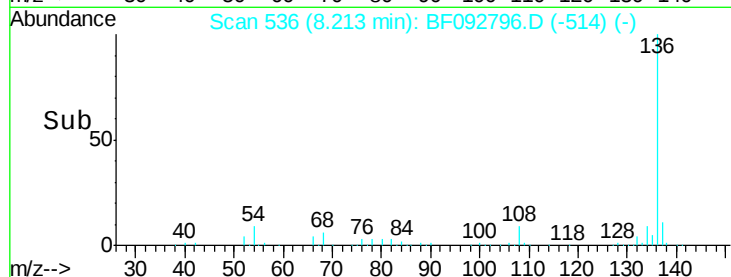
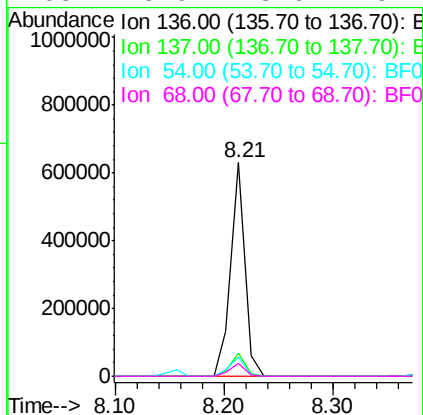
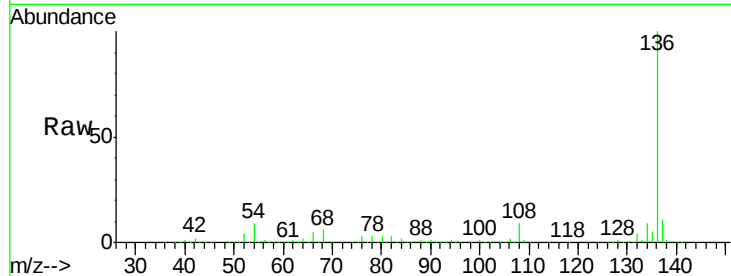
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	566683		
137	10.7	8.4	12.6	
54	9.1	4.5	6.7#	
68	5.9	3.6	5.4#	

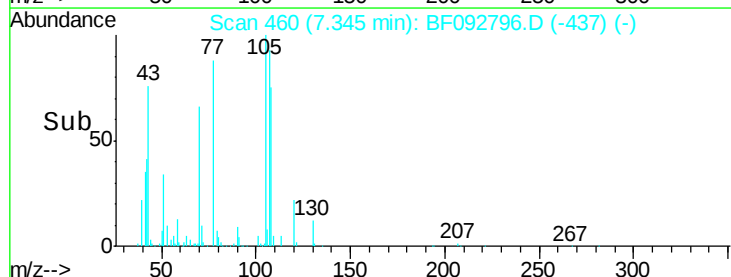
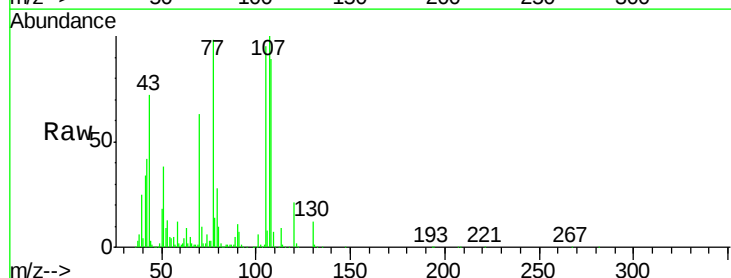
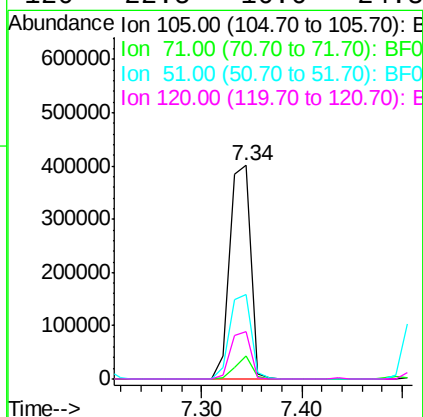
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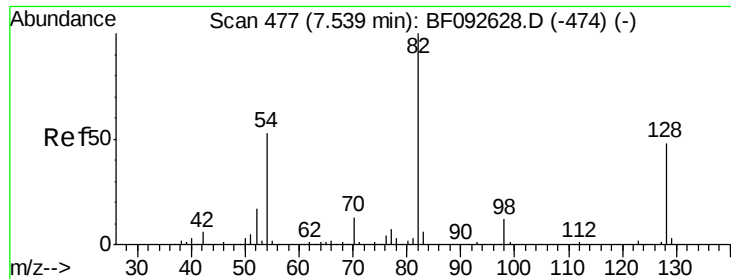
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#22
Acetophenone
Concen: 44.83 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	580002		
71	10.7	3.2	4.8#	
51	39.4	26.2	39.4#	
120	22.5	16.6	24.8	





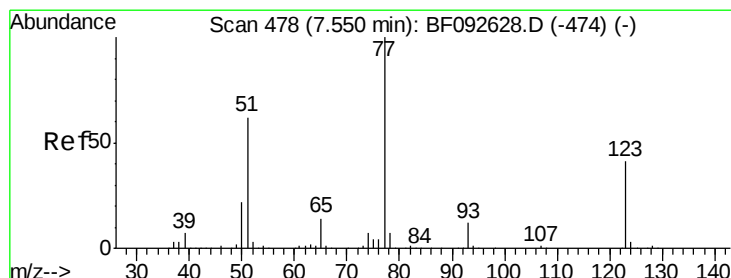
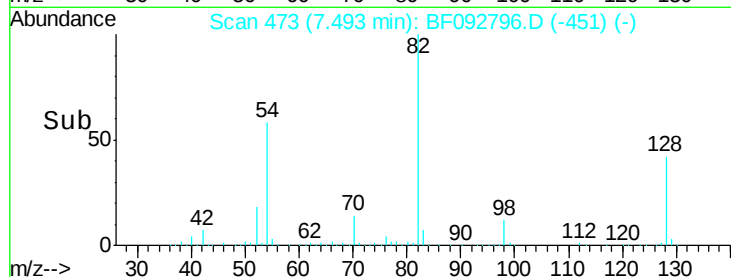
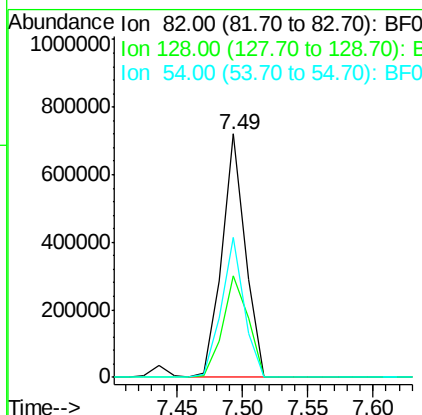
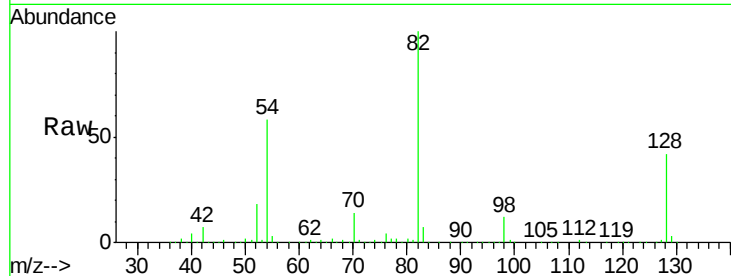
#23
 Nitrobenzene-d5
 Concen: 88.81 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.05 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	903770		
128	41.9	34.6	52.0	
54	57.7	39.5	59.3	

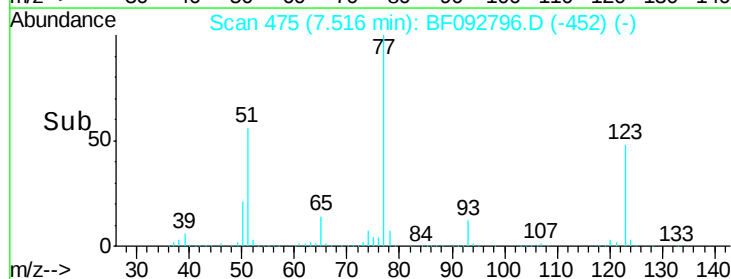
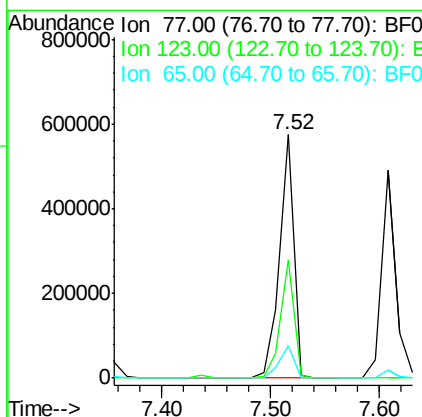
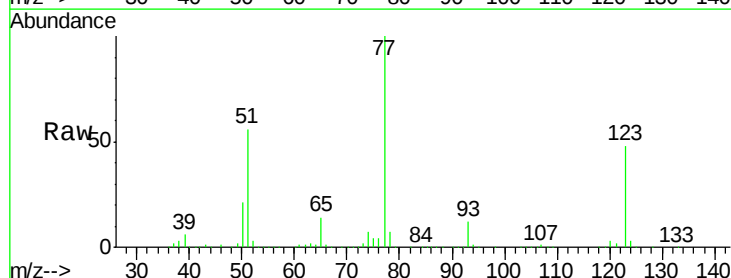
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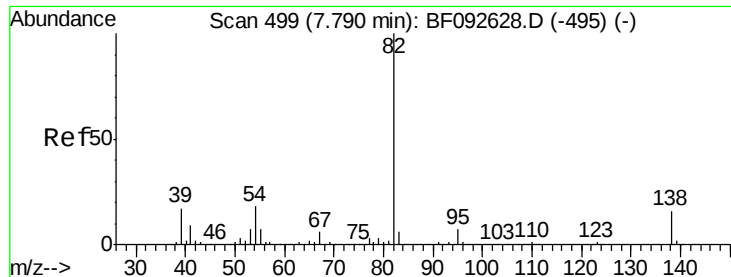
mohammad
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#24
 Nitrobenzene
 Concen: 49.56 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	517878		
123	48.3	33.0	49.4	
65	13.6	11.2	16.8	





#25

Isophorone

Concen: 46.93 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

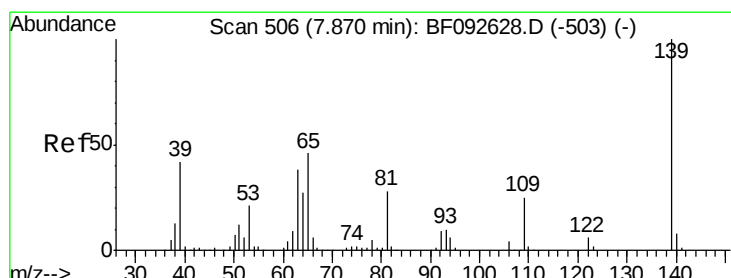
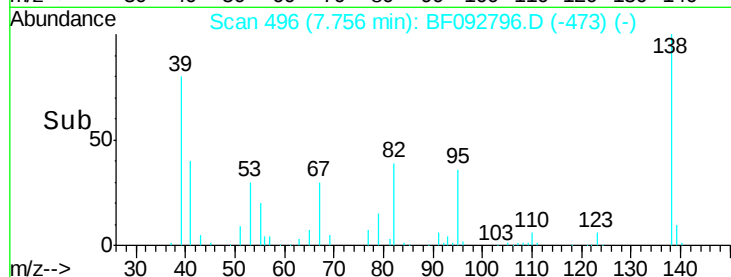
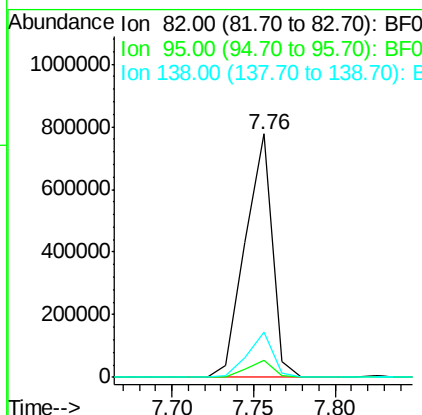
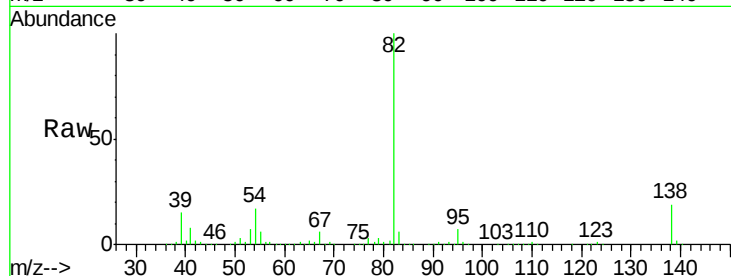
ClientSampleId :

MH-6-COMPMSD

Tgt Ion:	82	Resp:	889864
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.6	8.4
138	18.6	14.6	22.0

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#26

2-Nitrophenol

Concen: 47.85 ng

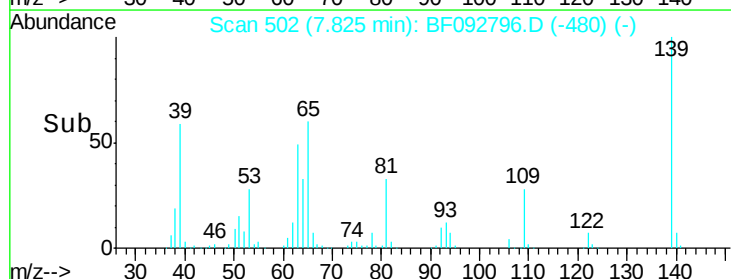
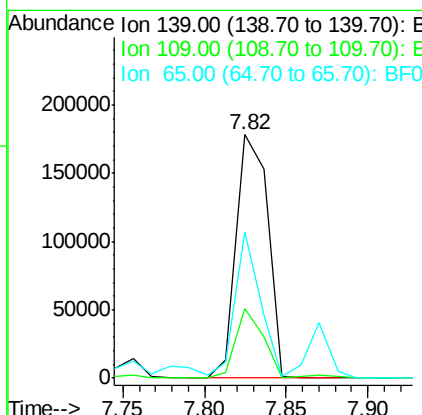
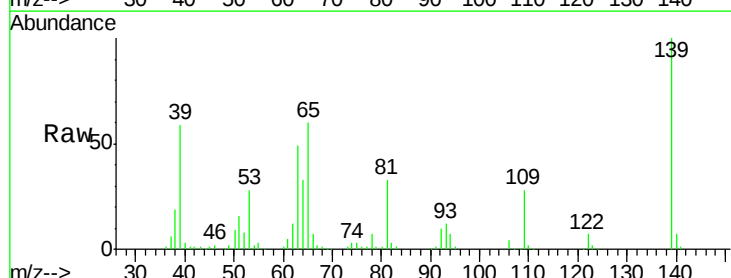
RT: 7.82 min Scan# 502

Delta R.T. -0.05 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Tgt Ion:	139	Resp:	237669
Ion Ratio		Lower	Upper
139	100		
109	28.4	23.3	34.9
65	60.1	42.7	64.1





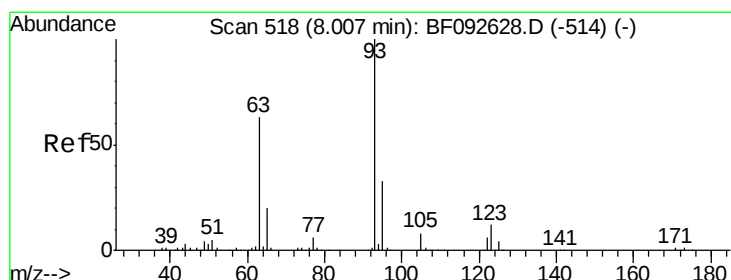
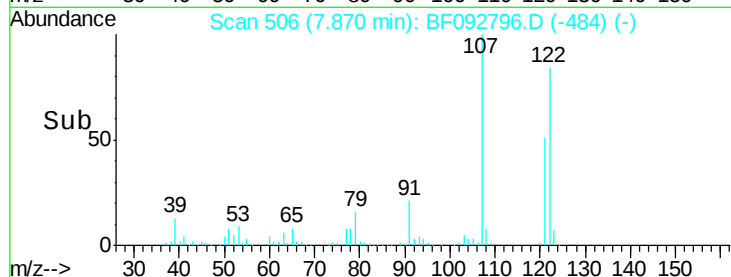
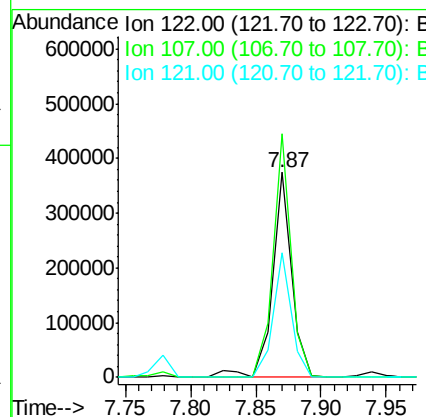
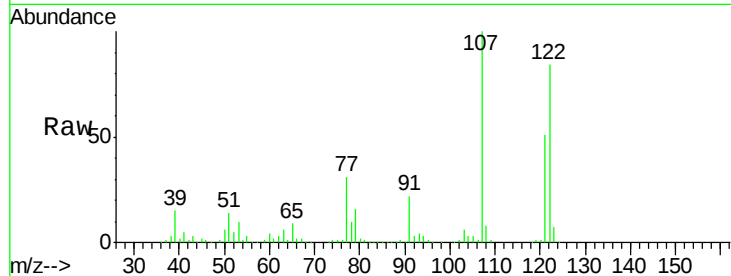
#27
2,4-Dimethylphenol
Concen: 44.88 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	391488		
107	118.8	94.1	141.1	
121	60.7	46.0	69.0	

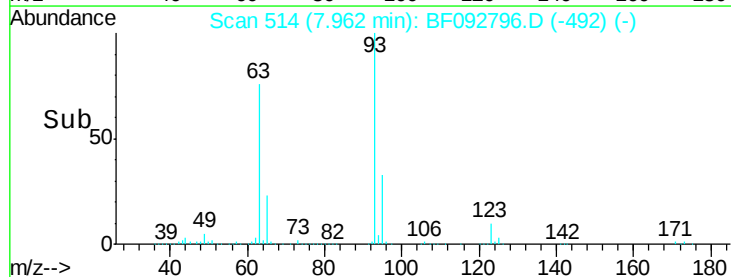
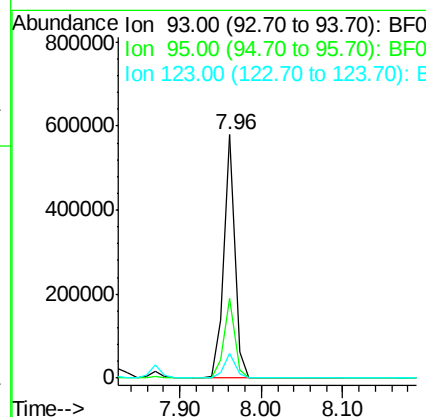
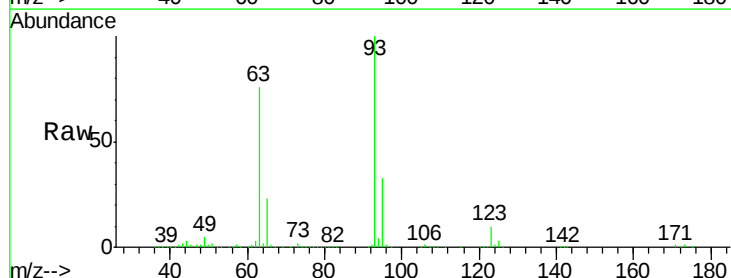
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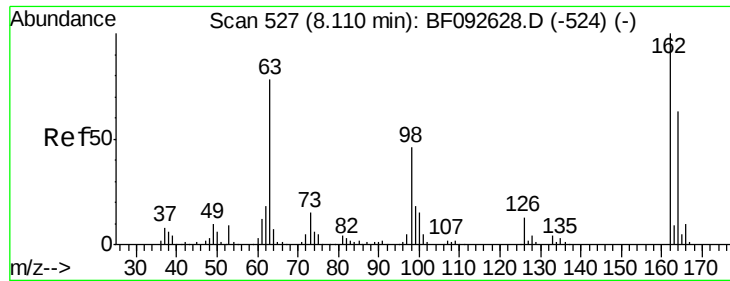
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.10 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	541297		
95	32.8	26.5	39.7	
123	10.2	8.6	13.0	





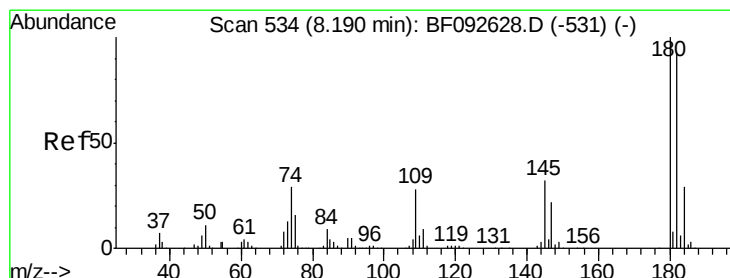
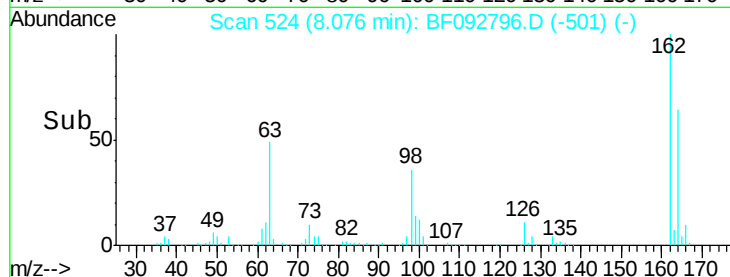
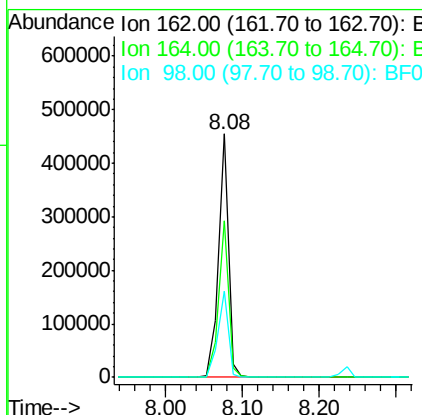
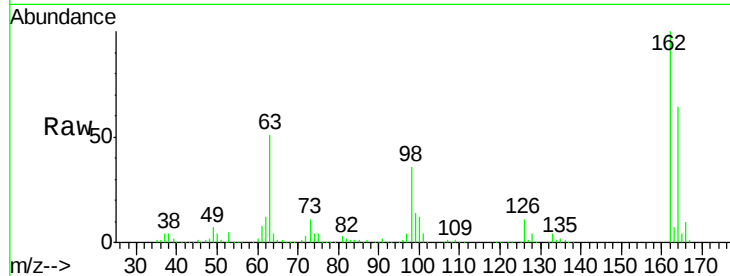
#29
 2,4-Dichlorophenol
 Concen: 50.51 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	410938		
164	64.2	46.8	86.8	
98	35.6	9.1	49.1	

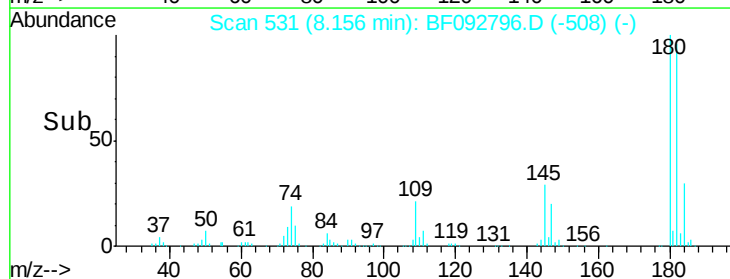
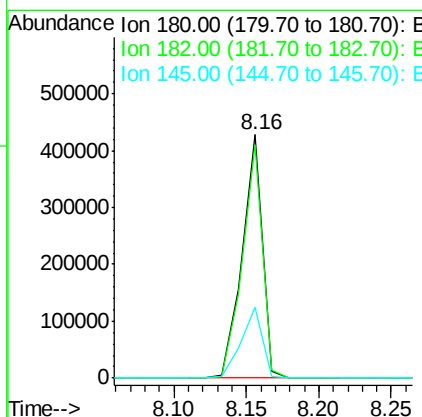
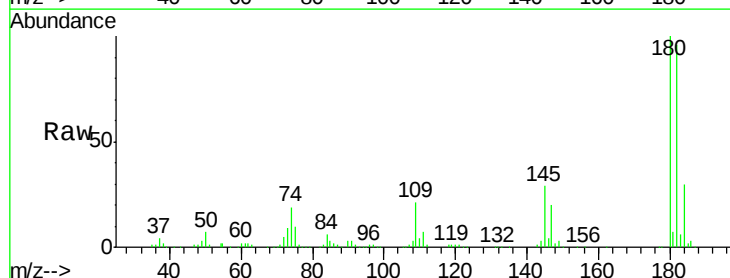
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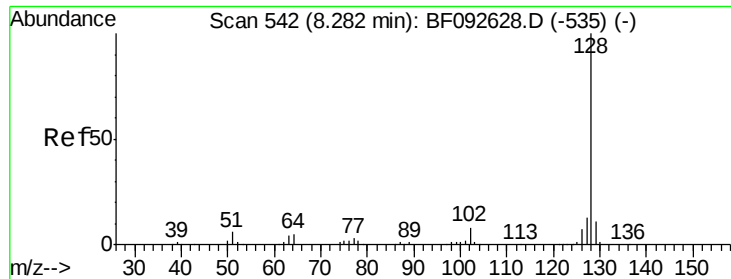
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.13 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	413200		
182	95.9	78.2	117.4	
145	29.2	21.6	32.4	





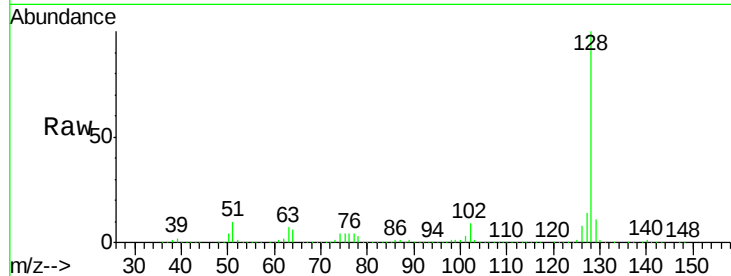
#31
Naphthalene
Concen: 46.14 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

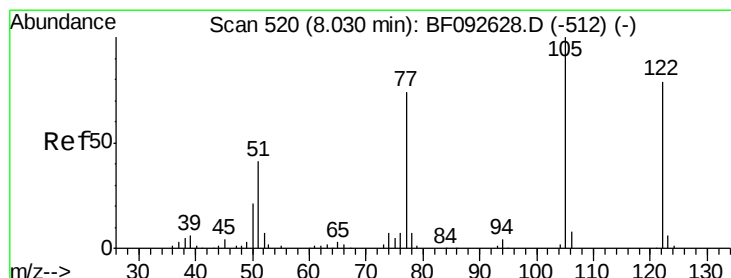
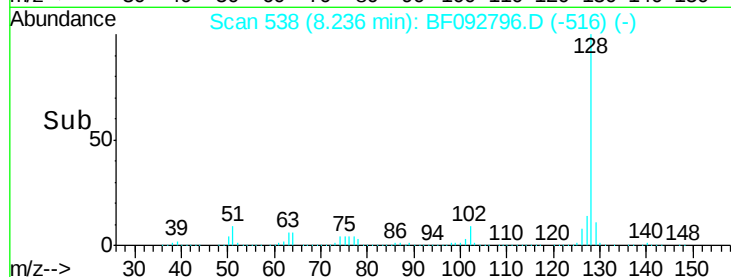
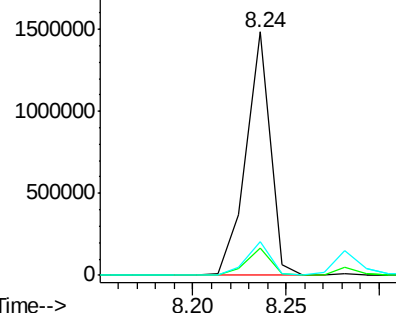
Tgt Ion:128 Resp: 1325359
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.7 10.8 16.2

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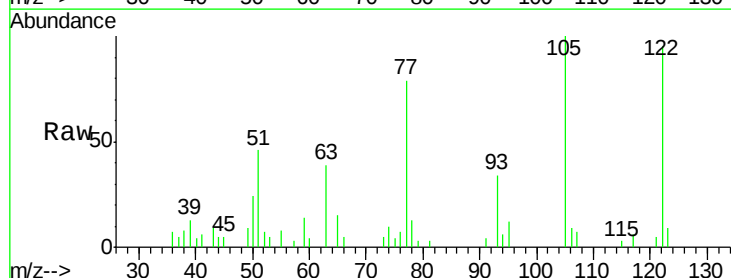


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

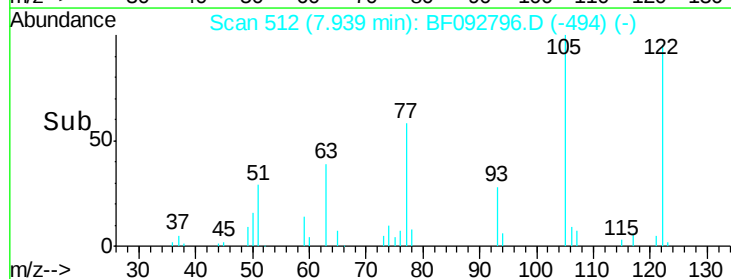
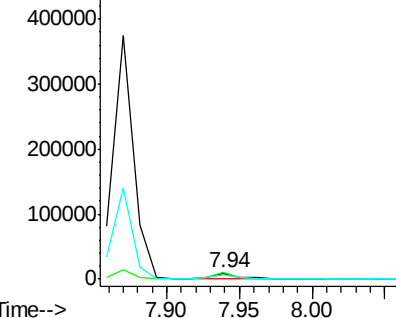


#32
Benzoic acid
Concen: 9.90 ng m
RT: 7.94 min Scan# 512
Delta R.T. -0.09 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion:122 Resp: 15857
Ion Ratio Lower Upper
122 100
105 104.8 107.2 147.2#
77 82.7 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





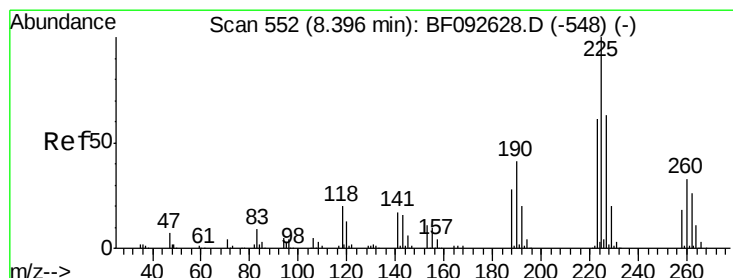
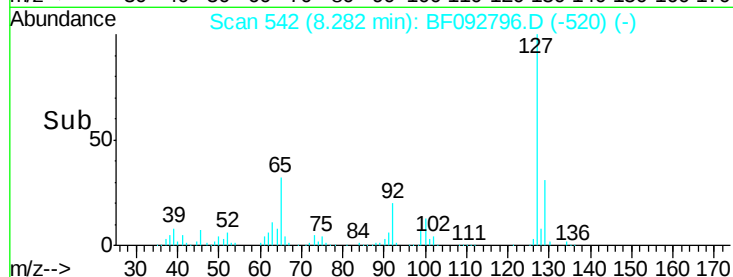
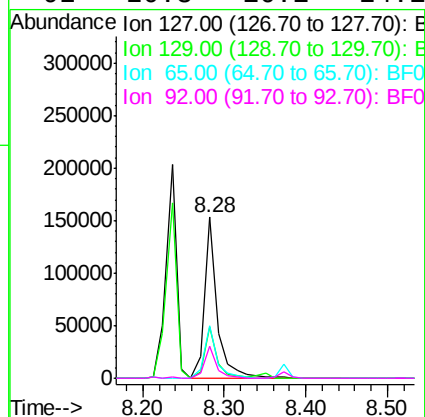
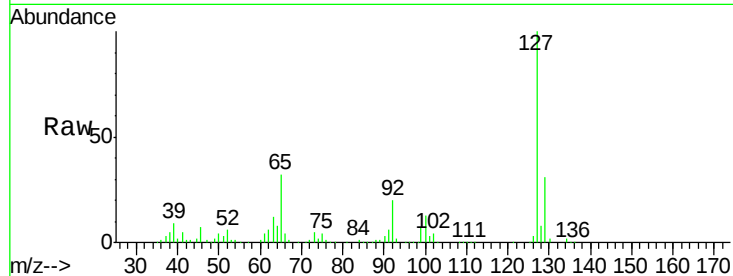
#33
4-Chloroaniline
Concen: 15.02 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	169209		
129	31.5	26.3	39.5	
65	32.3	25.8	38.8	
92	20.3	16.1	24.1	

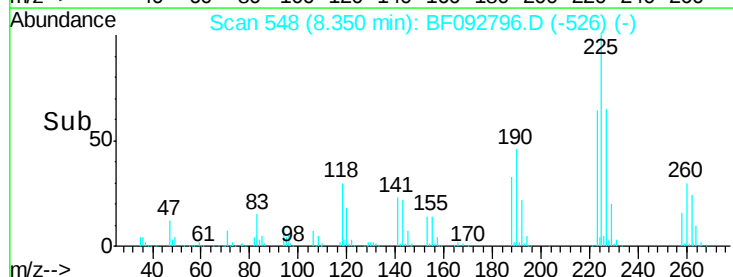
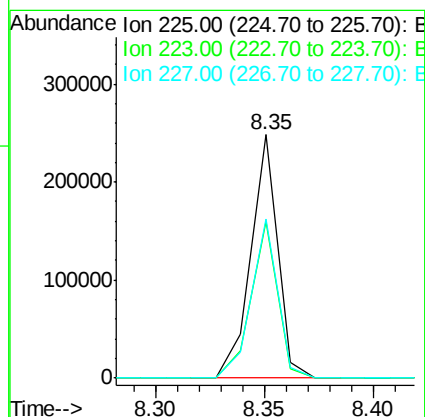
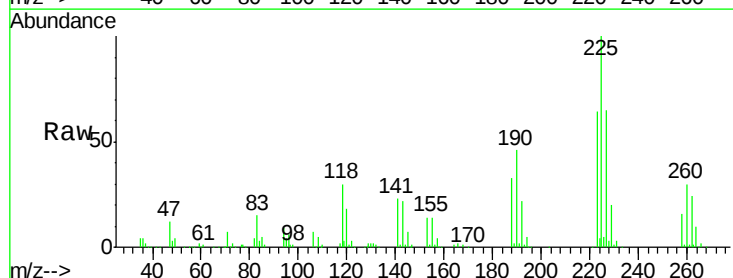
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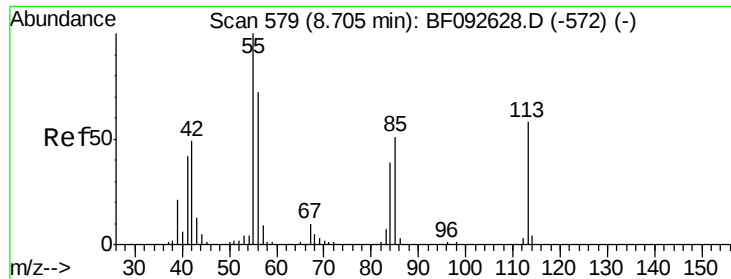
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#34
Hexachlorobutadiene
Concen: 44.06 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	212505		
223	64.2	51.0	76.6	
227	65.3	50.6	76.0	





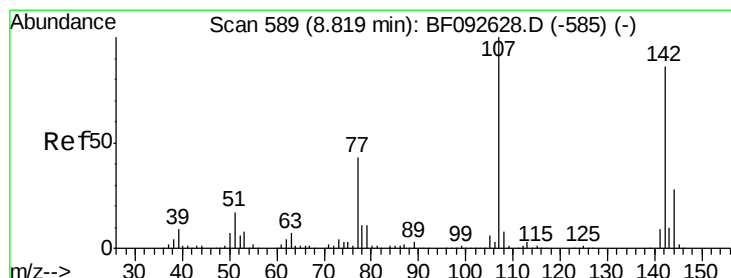
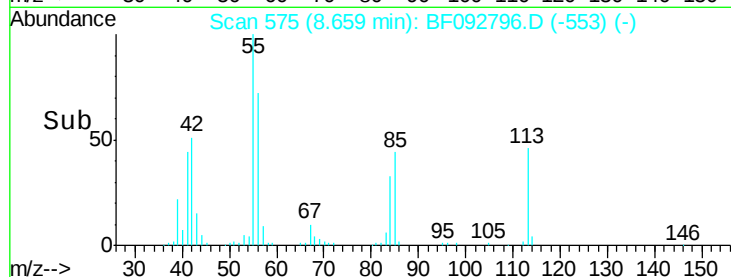
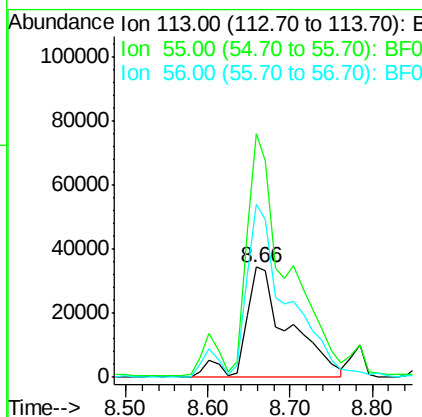
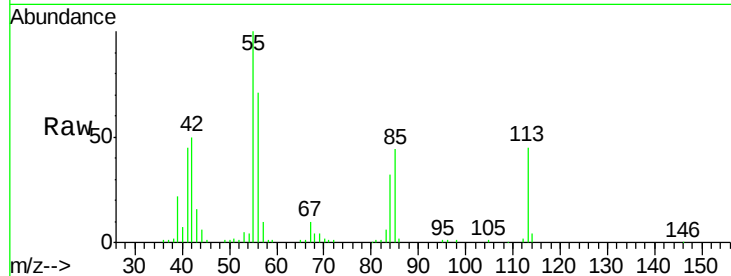
#35
 Caprolactam
 Concen: 49.88 ng m
 RT: 8.66 min Scan# 575
 Delta R.T. -0.05 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion:113 Resp: 127652
 Ion Ratio Lower Upper
 113 100
 55 220.9 119.2 159.2#
 56 157.7 83.8 123.8#

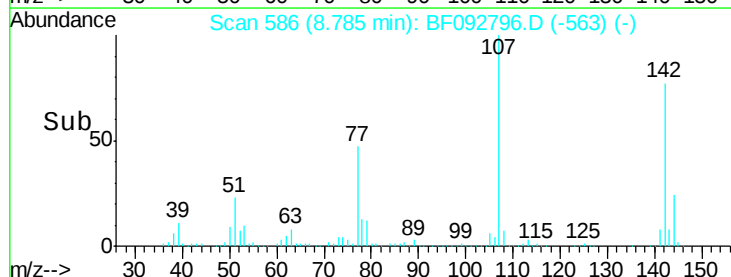
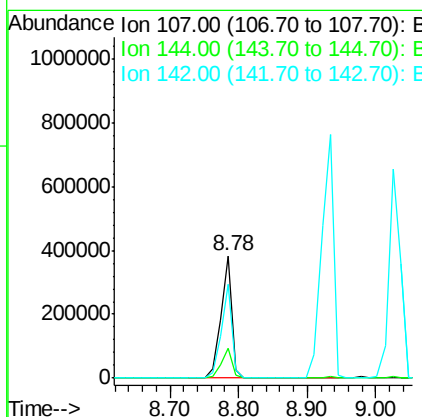
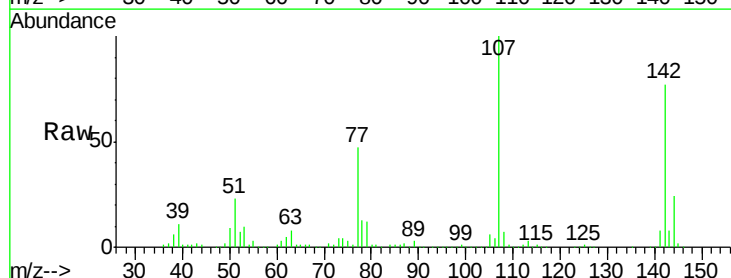
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#36
 4-Chloro-3-methylphenol
 Concen: 50.81 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion:107 Resp: 431015
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.3 28.9
 142 77.3 59.0 88.6





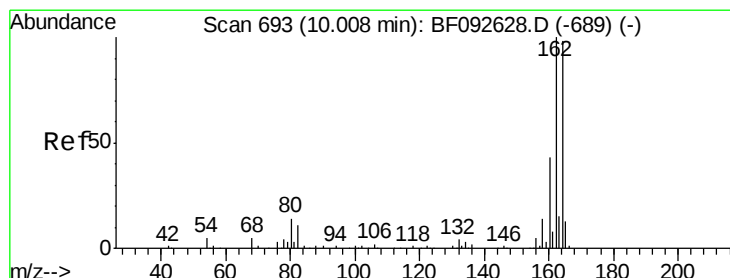
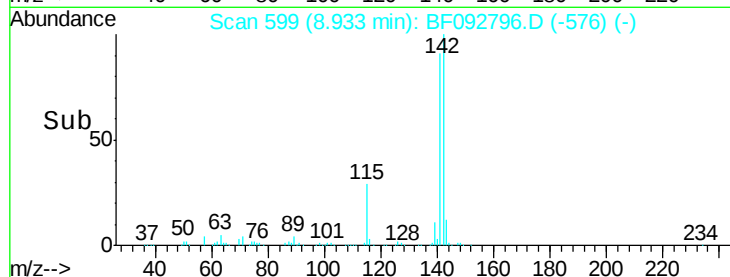
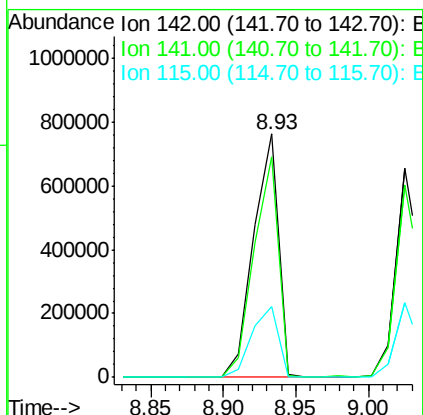
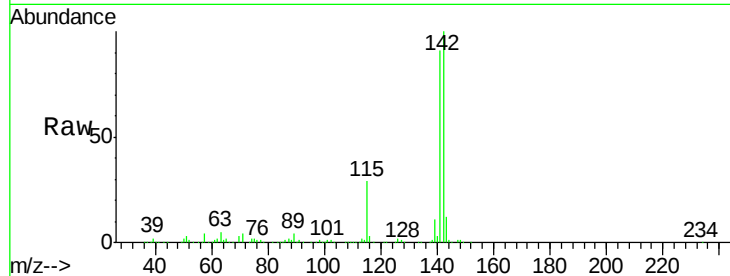
#37
2-Methylnaphthalene
Concen: 49.39 ng
RT: 8.93 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.0	106.6
115	29.3	28.3	42.5

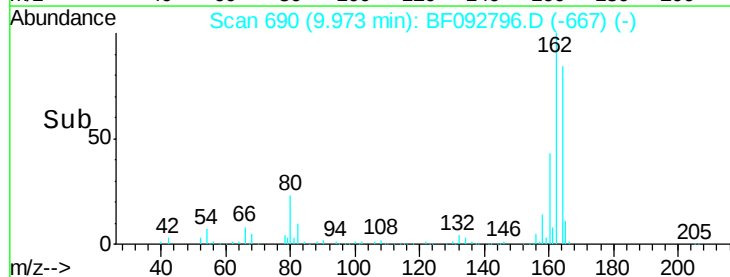
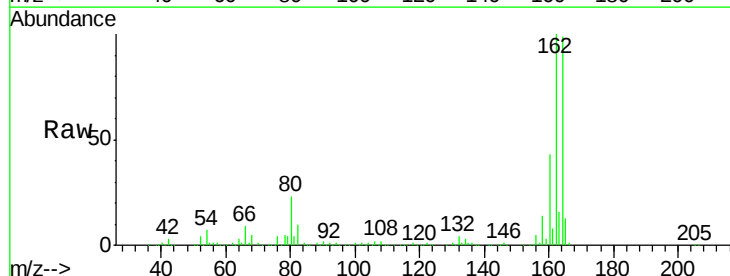
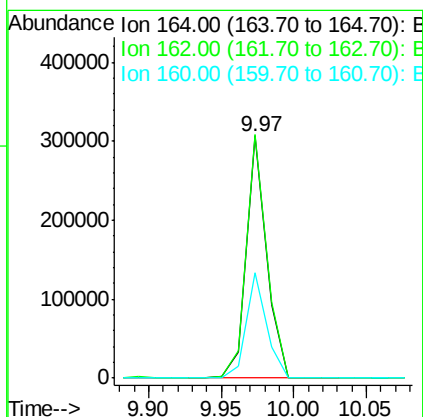
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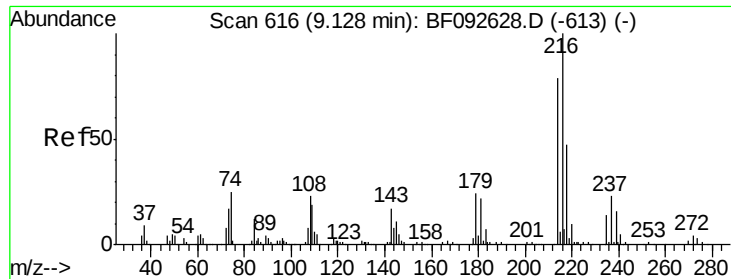
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	43.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.61 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

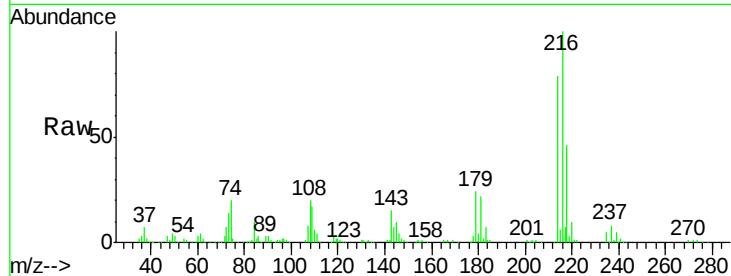
ClientSampleId :

MH-6-COMPMSD

Tgt Ion:	216	Resp:	365214
Ion Ratio		Lower	Upper
216	100		
214	77.8	63.4	95.0
179	21.6	17.4	26.2
108	19.5	15.6	23.4

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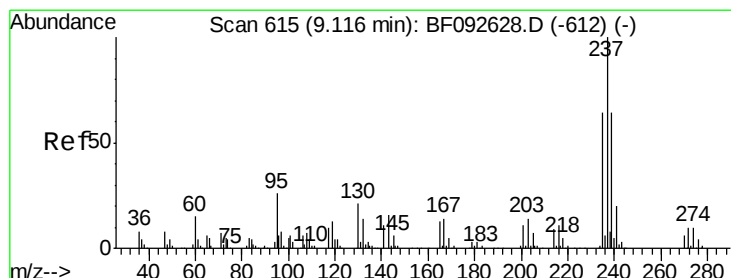
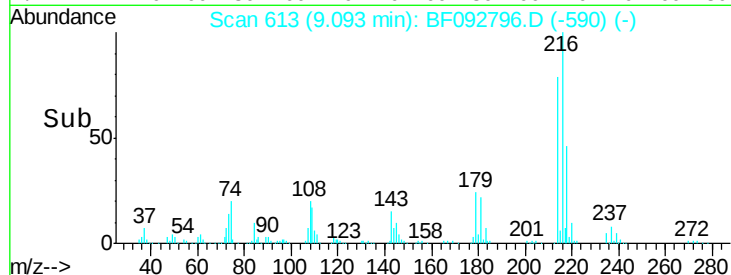
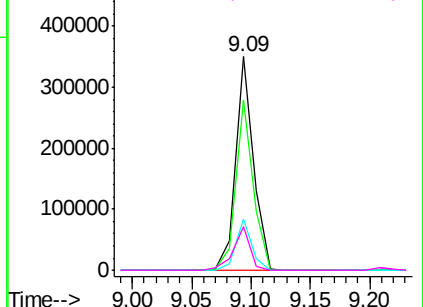


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.63 ng

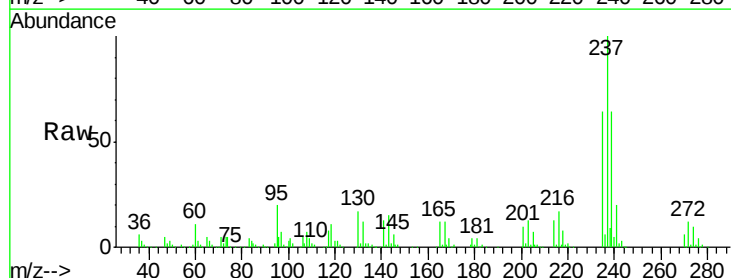
RT: 9.08 min Scan# 612

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

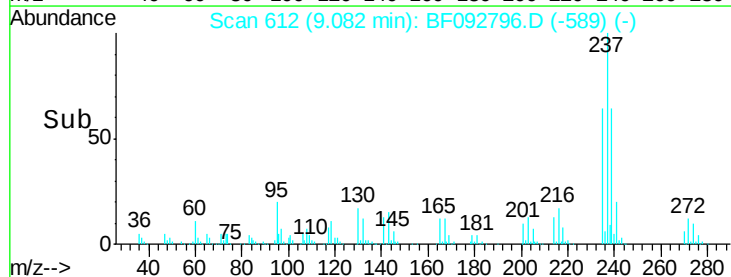
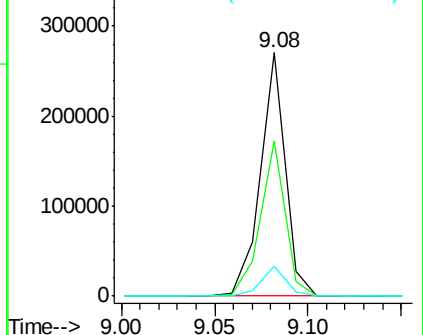
Tgt Ion:	237	Resp:	247950
Ion Ratio		Lower	Upper
237	100		
235	63.6	41.2	81.2
272	12.1	0.0	35.4

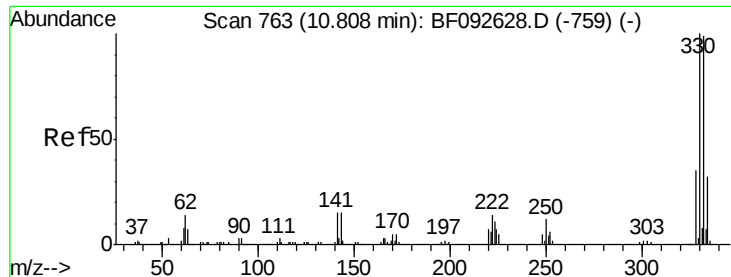


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





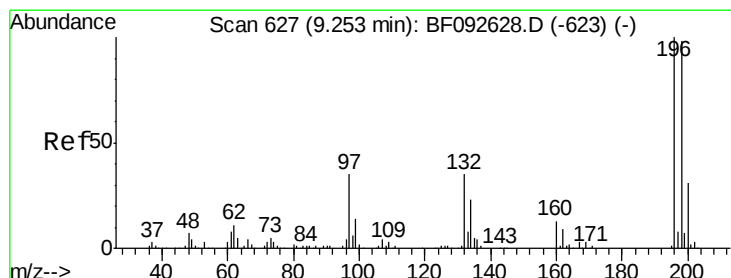
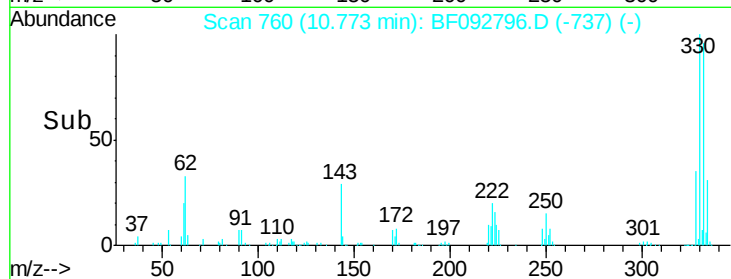
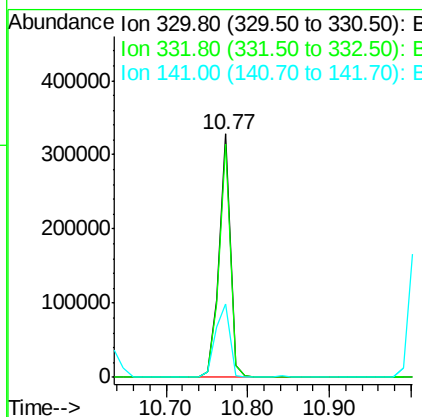
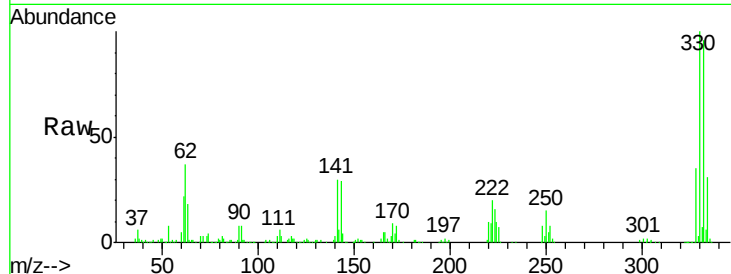
#41
 2,4,6-Tribromophenol
 Concen: 146.62 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	316353		
332	96.1	77.4	116.2	
141	38.8	34.1	51.1	

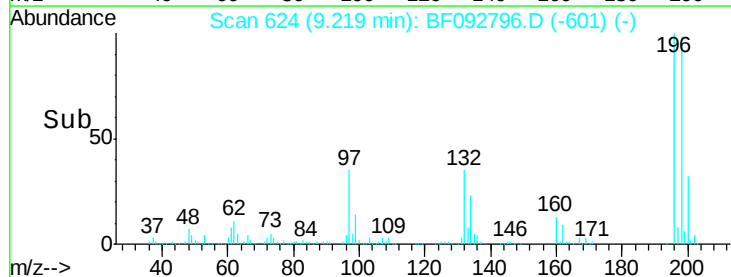
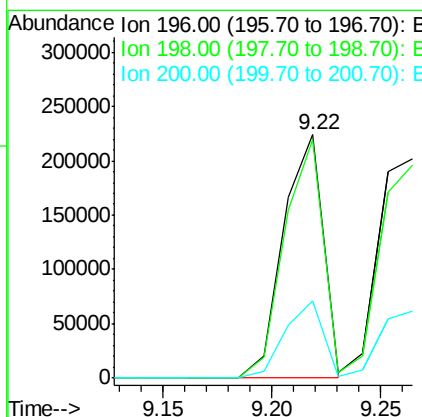
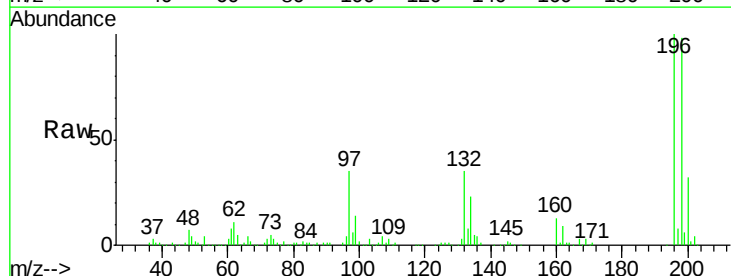
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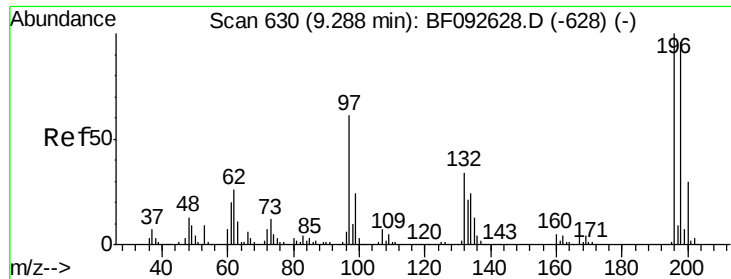
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#42
 2,4,6-Trichlorophenol
 Concen: 52.01 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	286203		
198	97.9	82.1	123.1	
200	31.7	27.0	40.4	





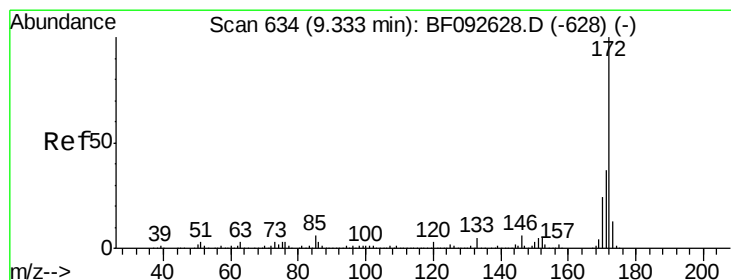
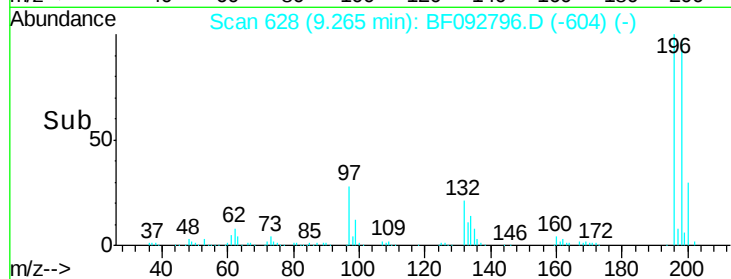
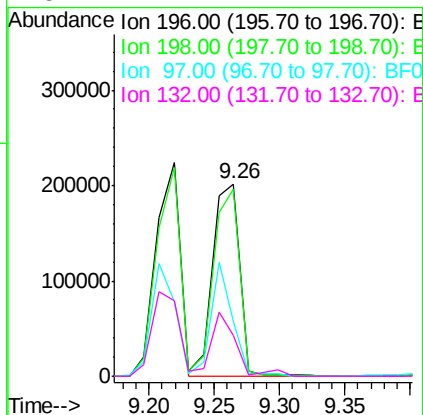
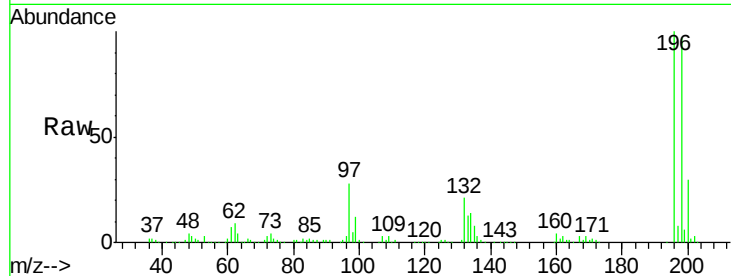
#43
 2,4,5-Trichlorophenol
 Concen: 48.35 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291526		
198	97.0	79.4	119.2	
97	28.4	51.5	77.3	#
132	21.1	27.4	41.2	#

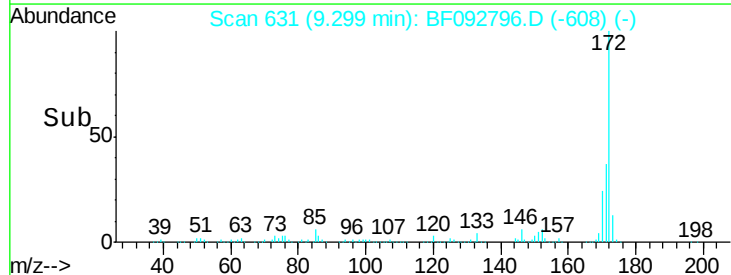
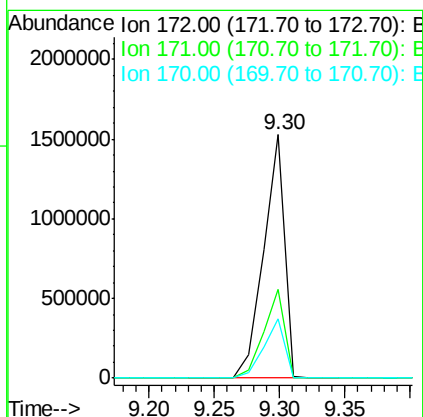
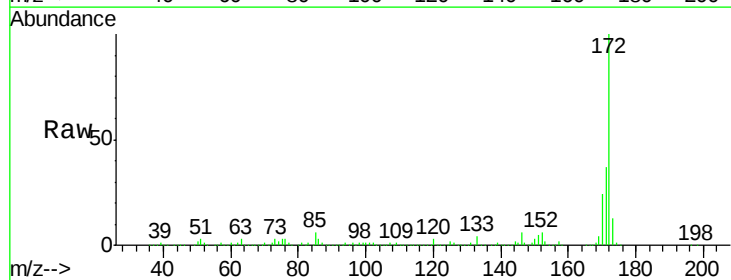
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#44
 2-Fluorobiphenyl
 Concen: 104.06 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1713482		
171	36.5	29.4	44.0	
170	24.5	20.2	30.4	





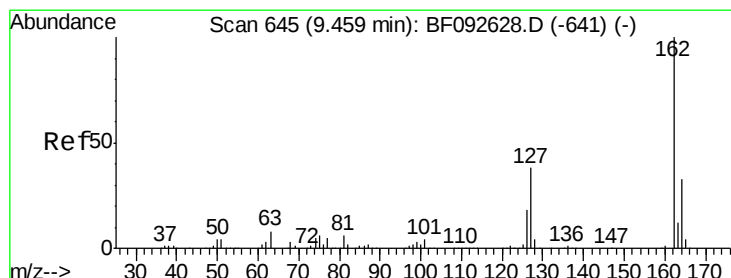
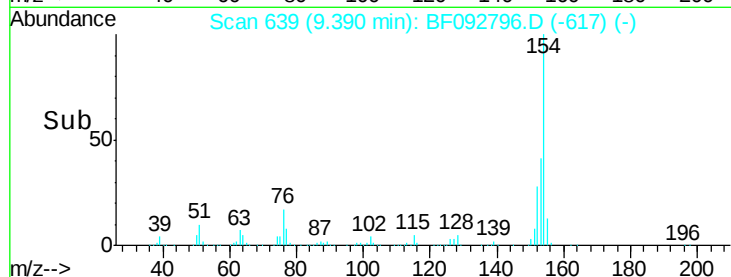
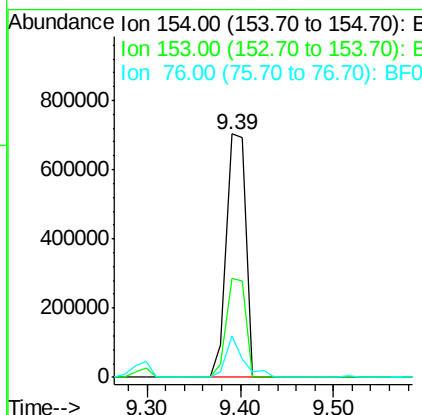
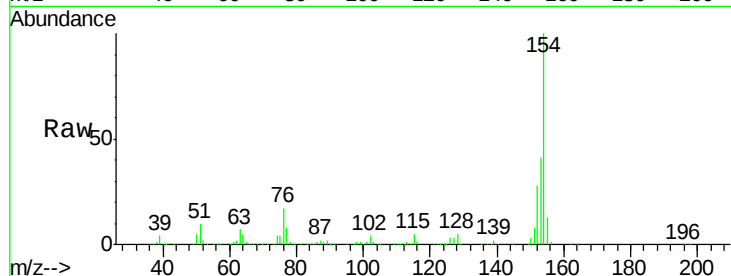
#45
 1,1'-Biphenyl
 Concen: 47.52 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion:154 Resp: 1026472
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.9 60.9
 76 17.2 0.0 30.5

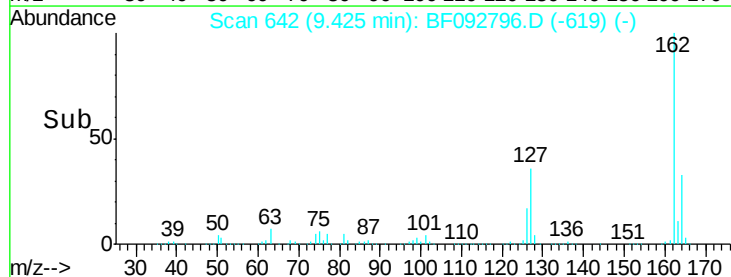
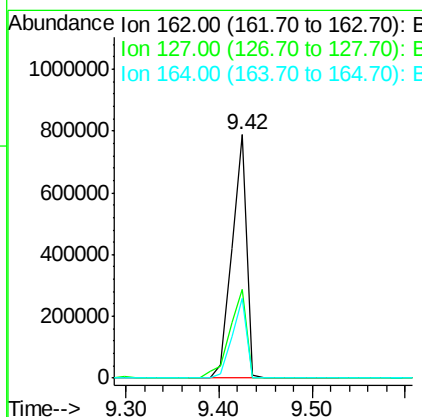
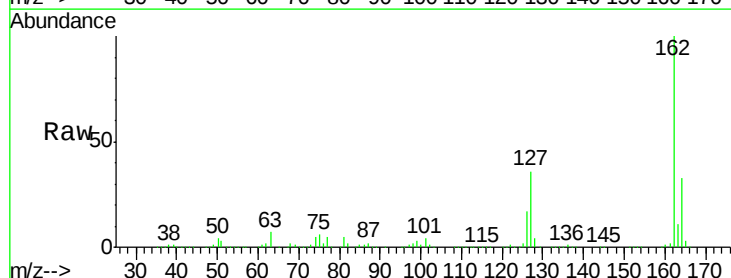
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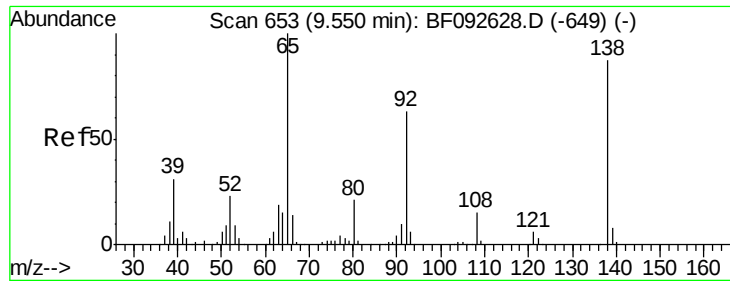
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#46
 2-Chloronaphthalene
 Concen: 51.29 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion:162 Resp: 866758
 Ion Ratio Lower Upper
 162 100
 127 36.2 30.7 46.1
 164 33.0 27.6 41.4





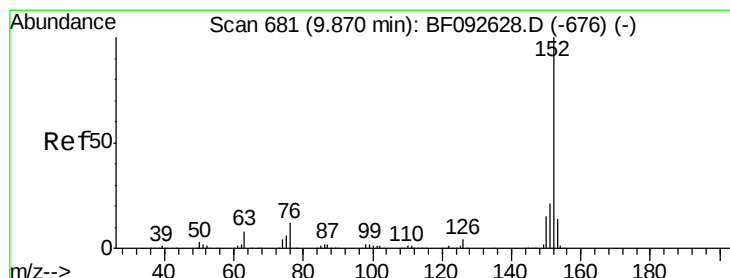
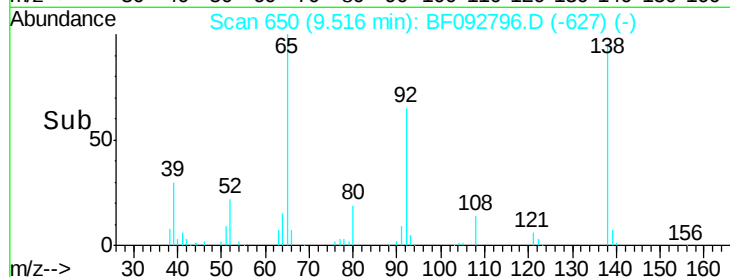
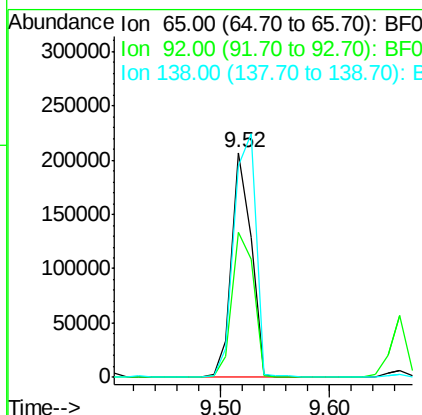
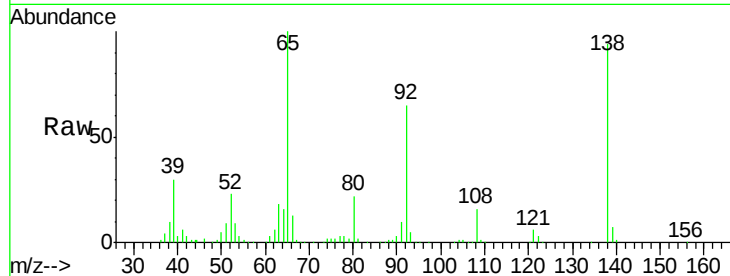
#47
 2-Nitroaniline
 Concen: 45.51 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	94.1	76.8	115.2

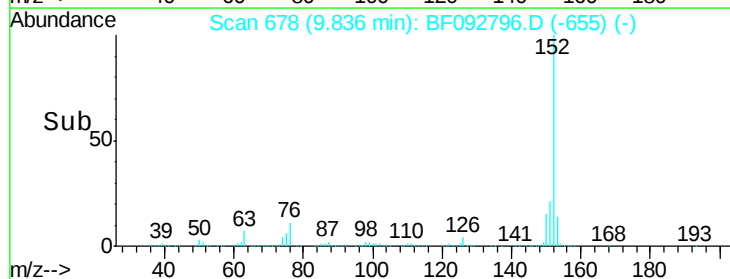
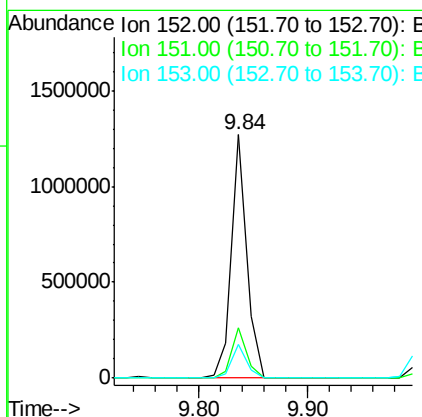
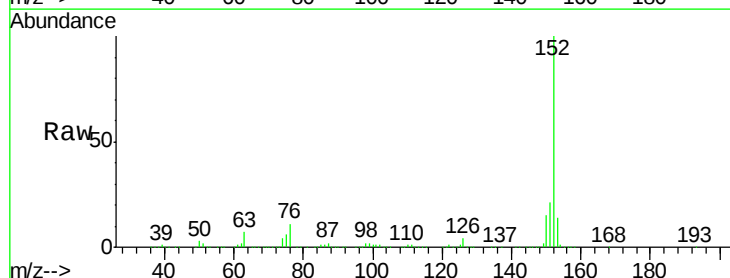
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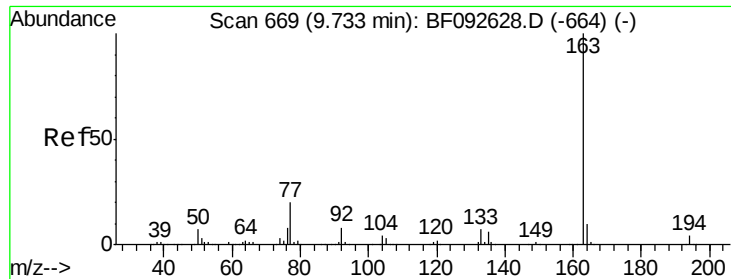
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#48
 Acenaphthylene
 Concen: 42.28 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.8	11.4	17.2





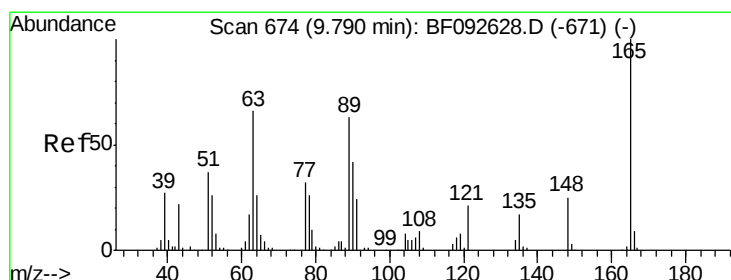
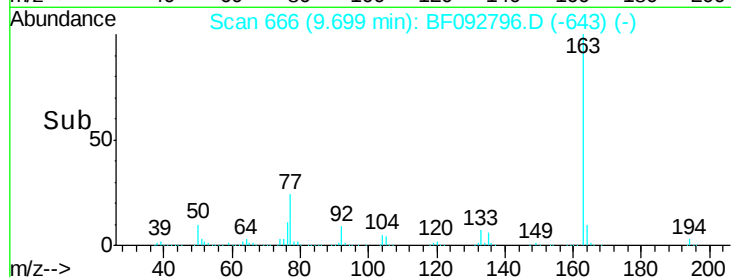
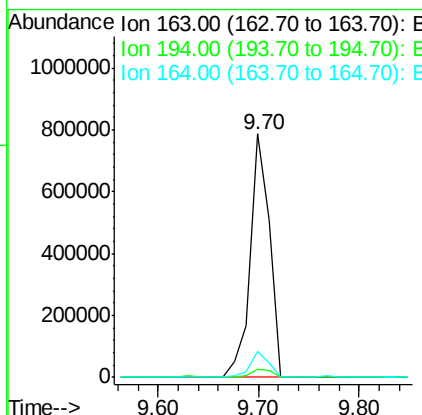
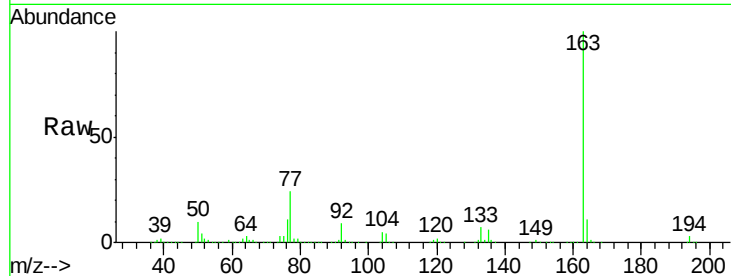
#49
Dimethylphthalate
Concen: 51.86 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion:163 Resp: 1042133
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.8 8.0 12.0

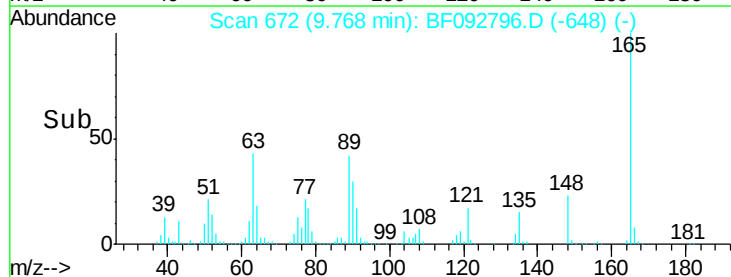
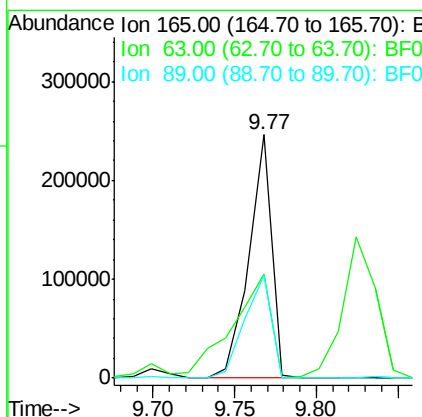
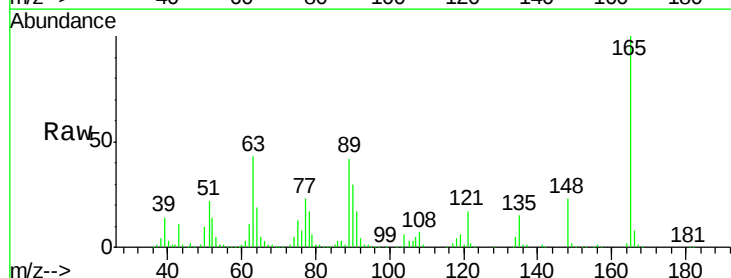
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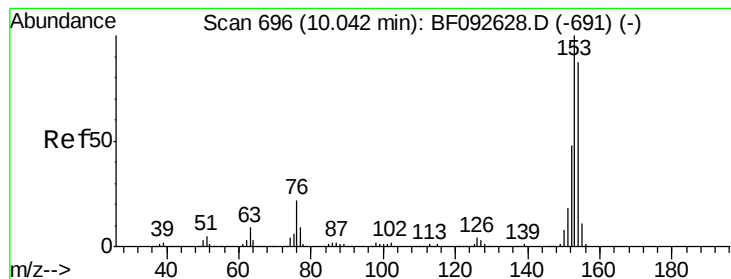
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#50
2,6-Dinitrotoluene
Concen: 54.96 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion:165 Resp: 238515
Ion Ratio Lower Upper
165 100
63 42.9 36.2 54.4
89 42.4 40.2 60.4





#51

Acenaphthene

Concen: 41.75 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

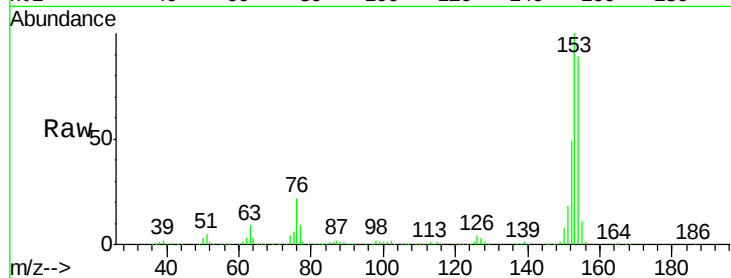
ClientSampleId :

MH-6-COMPMSD

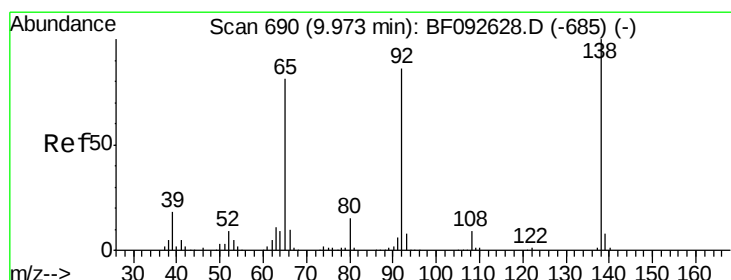
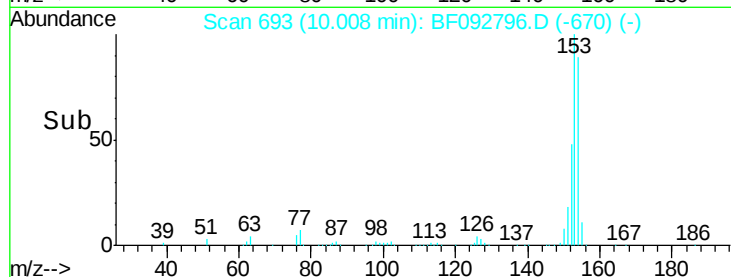
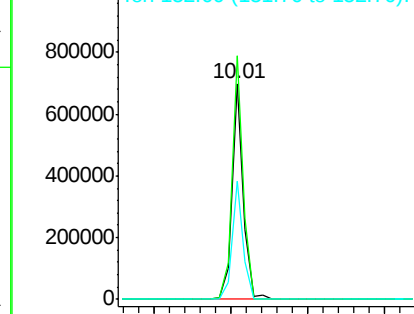
Tgt Ion:	154	Resp:	728676
Ion Ratio	Lower	Upper	
154	100		
153	112.9	88.6	133.0
152	54.8	41.6	62.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.51 ng

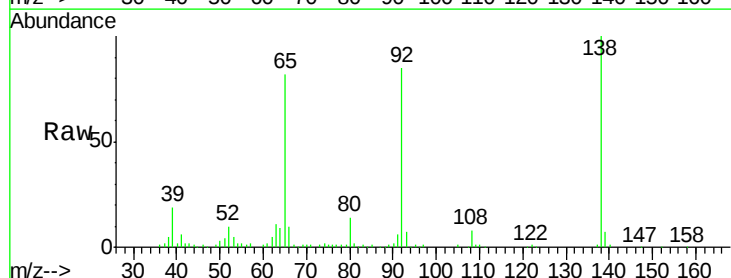
RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

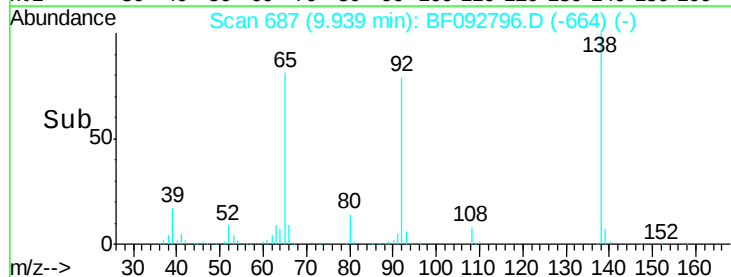
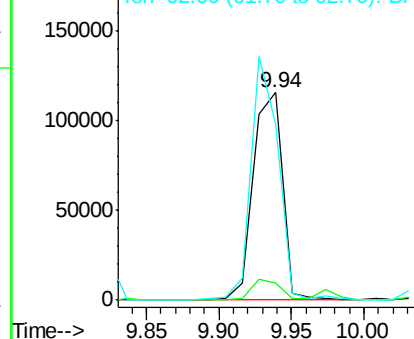
Lab File: BF092796.D

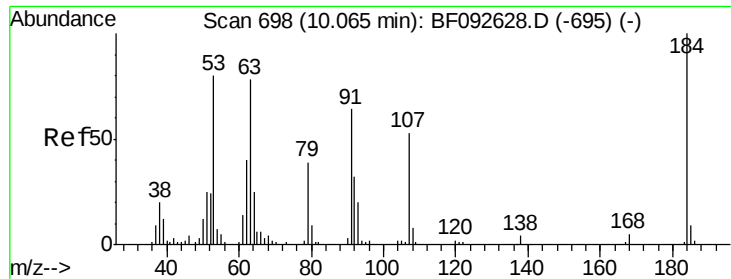
Acq: 4 Feb 2017 00:50

Tgt Ion:	138	Resp:	161446
Ion Ratio	Lower	Upper	
138	100		
108	8.3	8.5	12.7#
92	84.7	97.8	146.8#



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





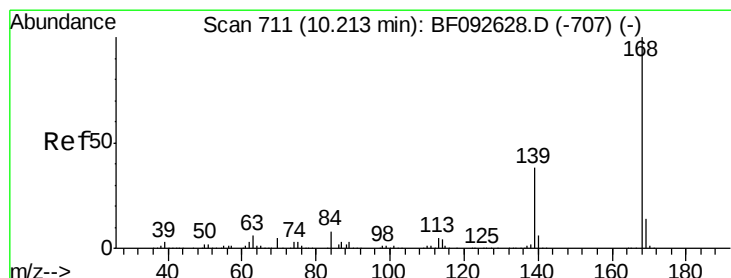
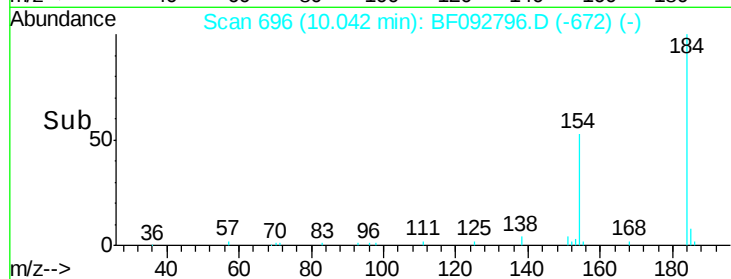
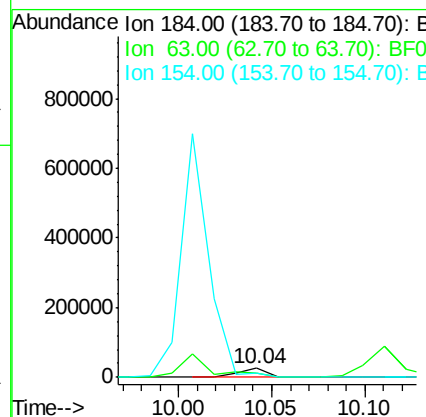
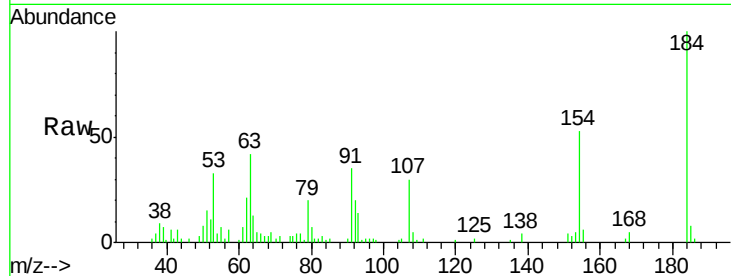
#53
2,4-Dinitrophenol
Concen: 17.69 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	30409		
63	42.3	28.4	42.6	
154	53.0	44.3	66.5	

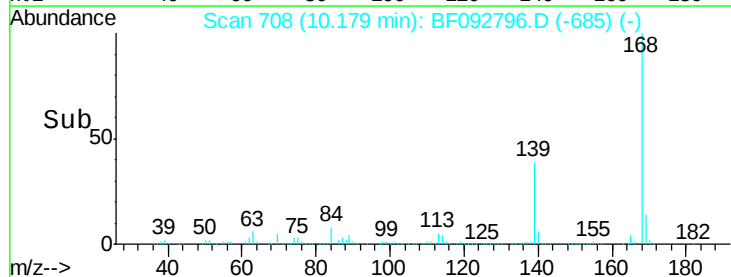
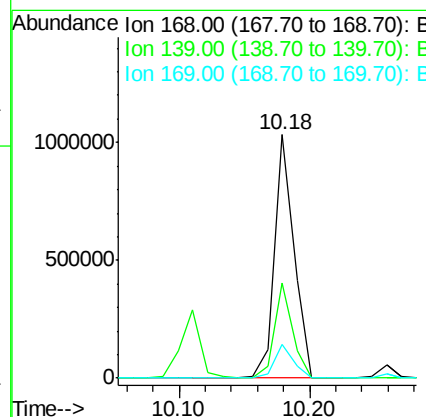
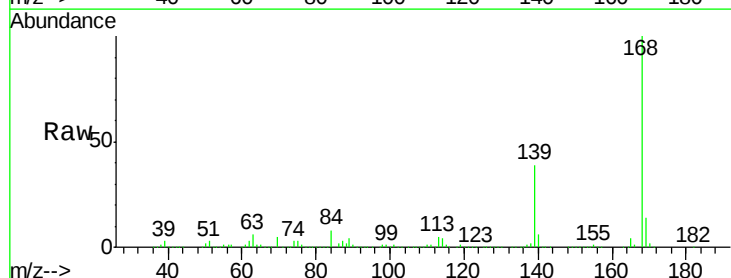
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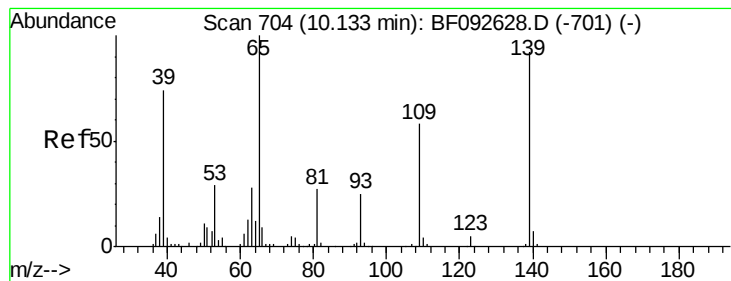
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#54
Dibenzofuran
Concen: 46.41 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1083433		
139	38.9	32.6	49.0	
169	14.0	11.3	16.9	





#55

4-Nitrophenol

Concen: 86.21 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

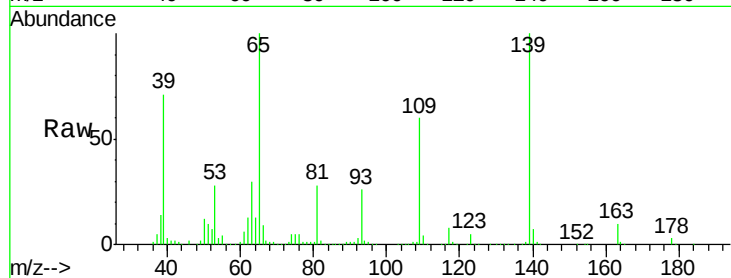
ClientSampleId :

MH-6-COMPMSD

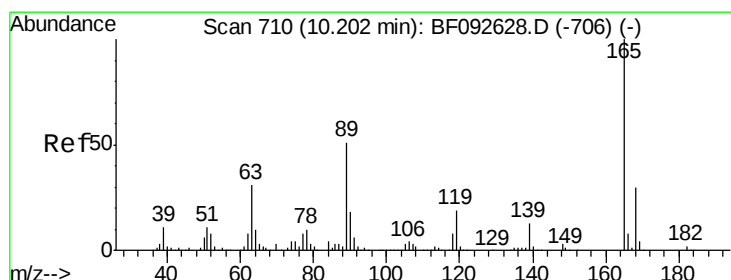
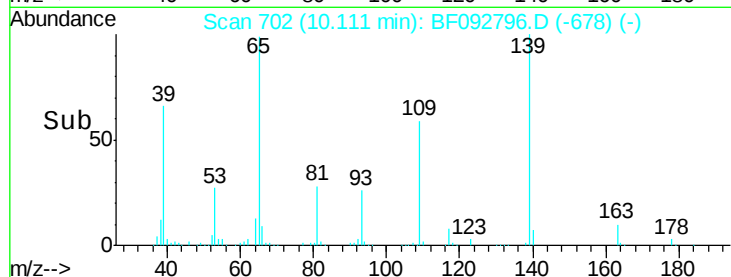
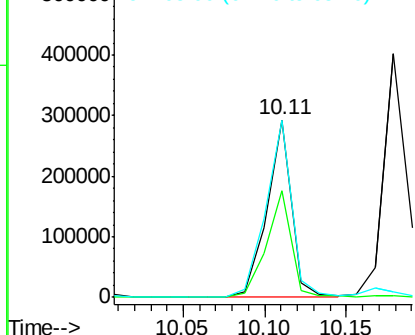
Tgt Ion:	139	Resp:	308369
Ion Ratio	Lower	Upper	
139	100		
109	59.9	52.2	92.2
65	99.8	85.8	125.8

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.76 ng

RT: 10.17 min Scan# 707

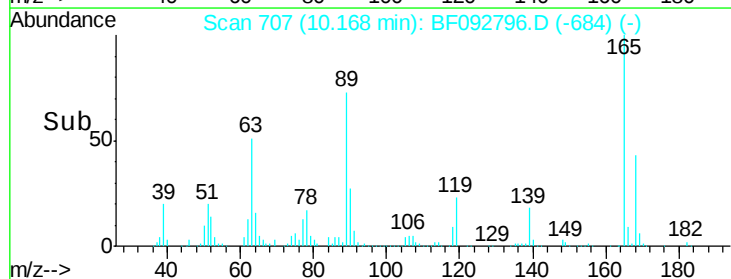
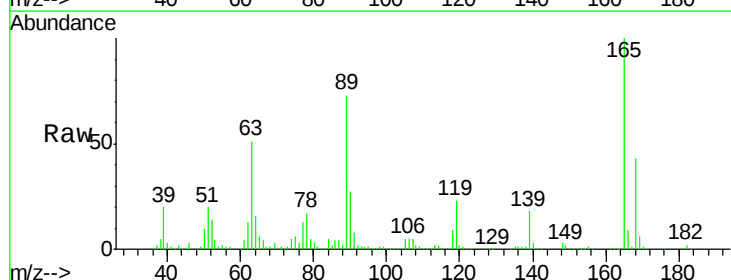
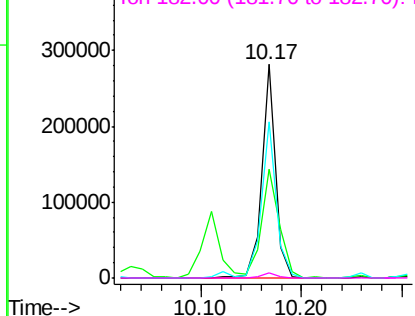
Delta R.T. -0.03 min

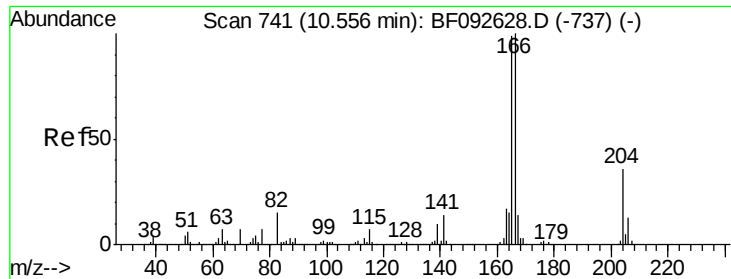
Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Tgt Ion:	165	Resp:	264363
Ion Ratio	Lower	Upper	
165	100		
63	51.2	40.2	60.4
89	73.2	62.5	93.7
182	2.4	1.8	2.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





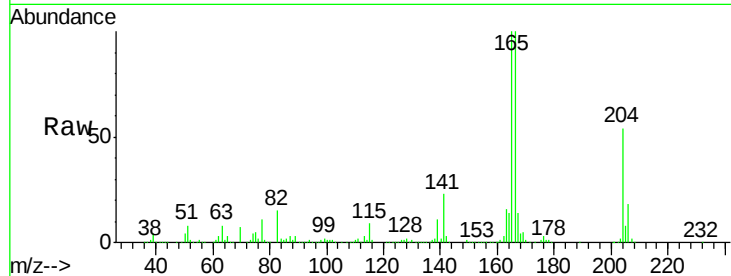
#57
Fluorene
 Concen: 46.11 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	828065		
165	100.3		77.8	116.8
167	13.9		10.8	16.2

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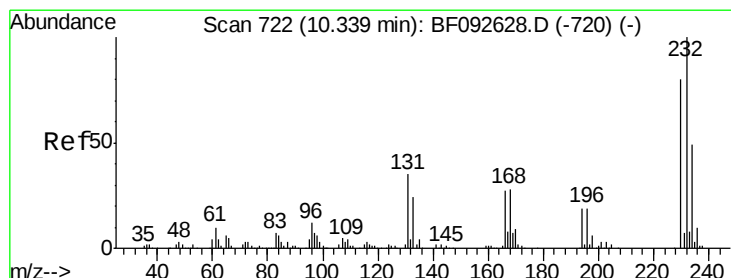
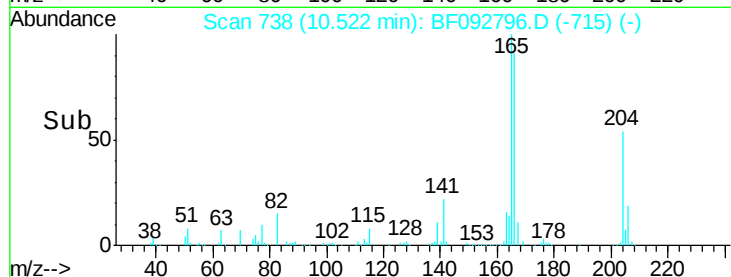
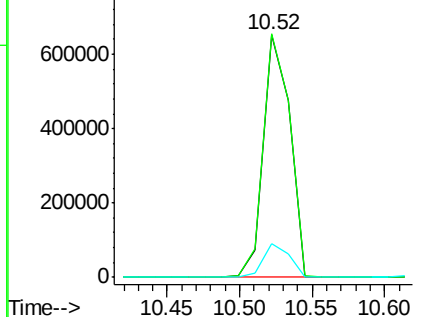


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.79 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	220353		
131	47.5		40.1	60.1
130	2.3		1.8	2.8
166	32.5		26.6	39.8

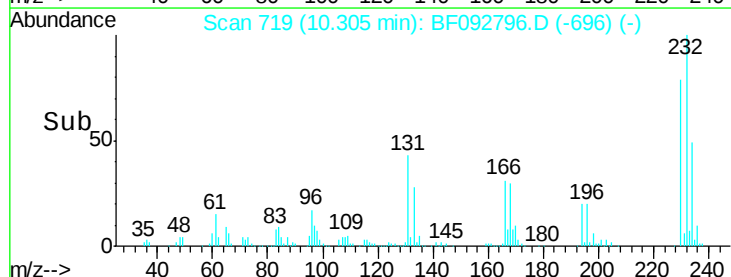
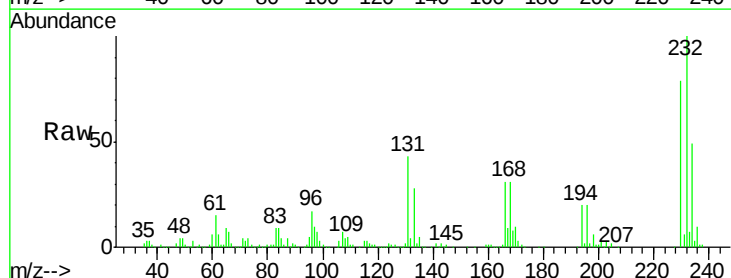
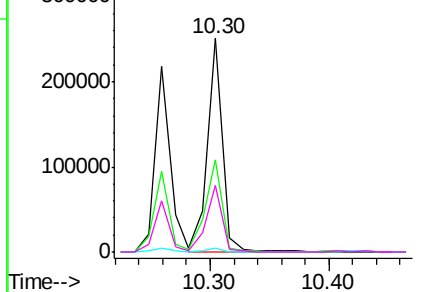
Abundance

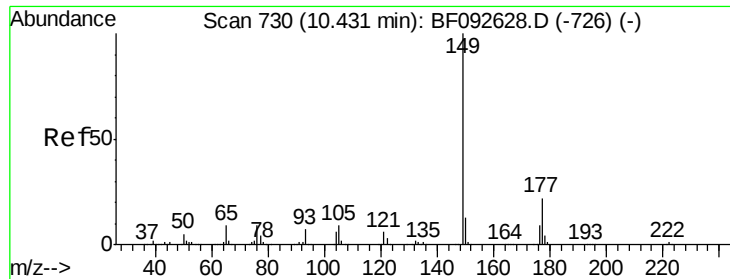
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





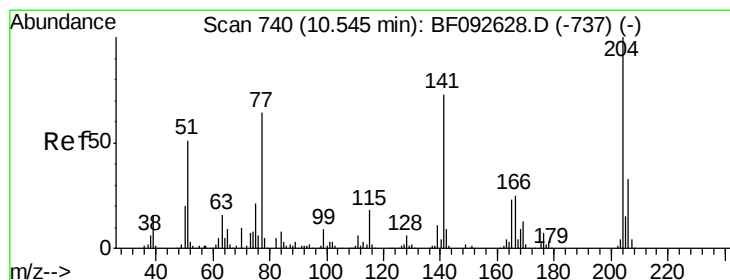
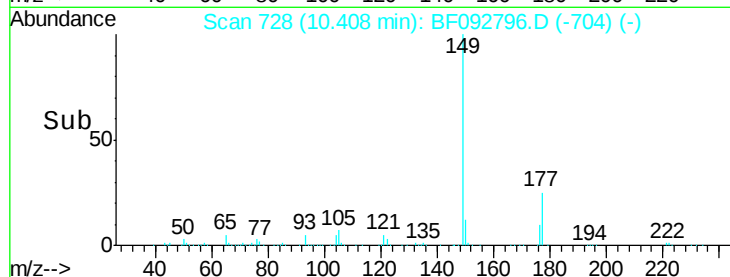
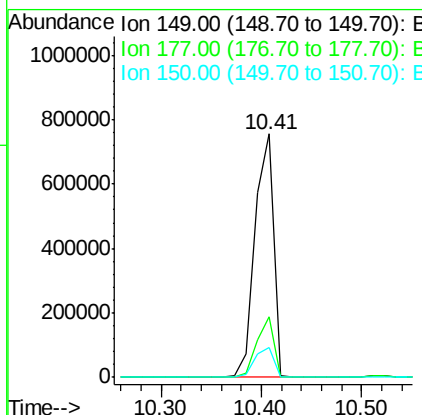
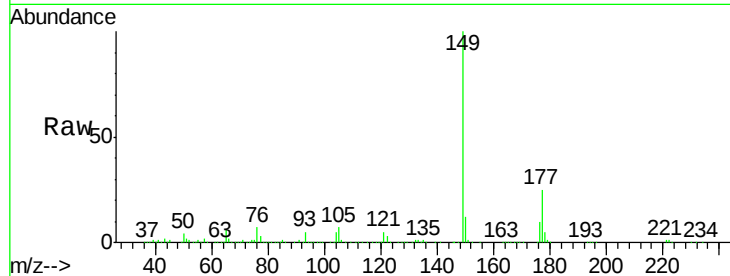
#59
Diethylphthalate
Concen: 51.35 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	972328		
177	25.0	16.6	25.0#	
150	12.4	10.4	15.6	

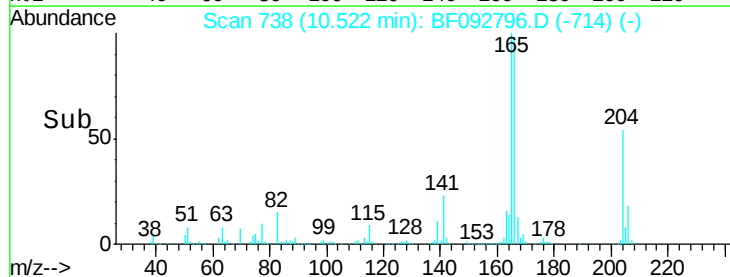
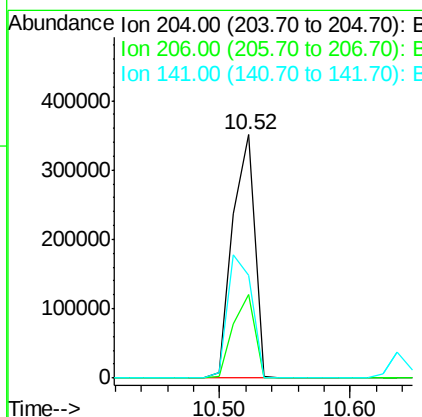
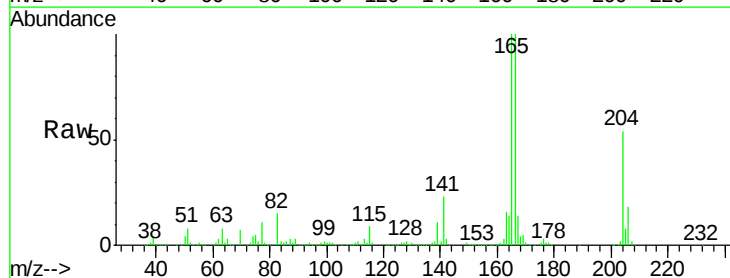
Manual Integrations
APPROVED

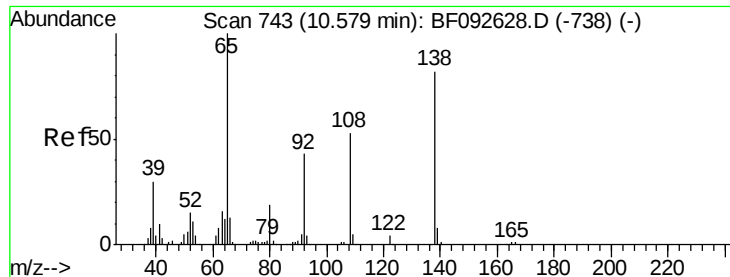
mohammad
2/6/2017 12:34:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.46 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	409524		
206	34.5	25.8	38.6	
141	42.4	59.4	89.0#	





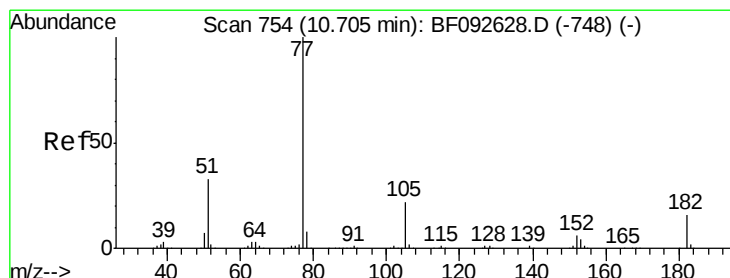
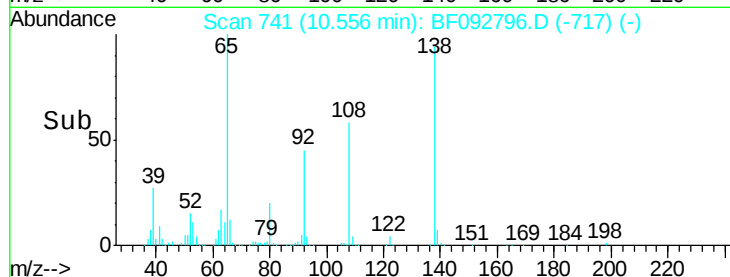
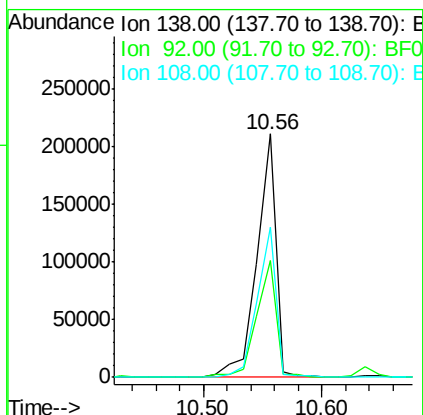
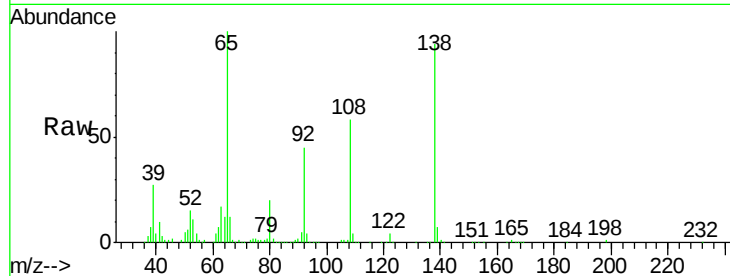
#61
4-Nitroaniline
Concen: 46.91 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	238615		
92	48.0	31.7	71.7	
108	61.9	52.6	92.6	

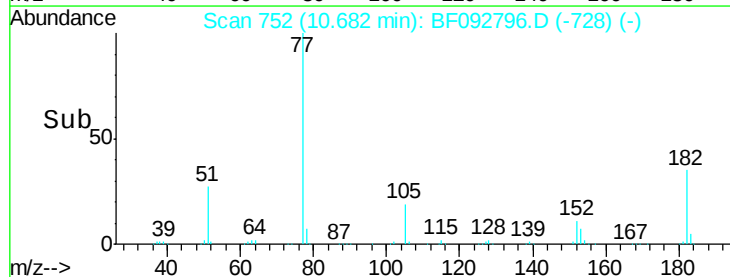
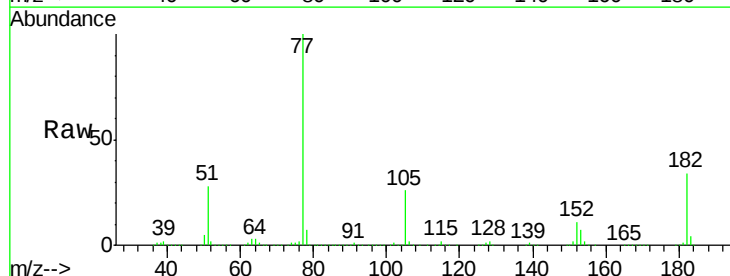
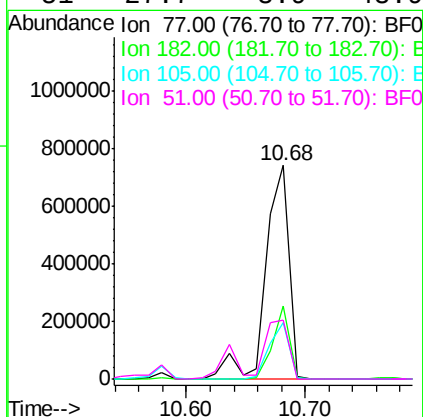
Manual Integrations
APPROVED

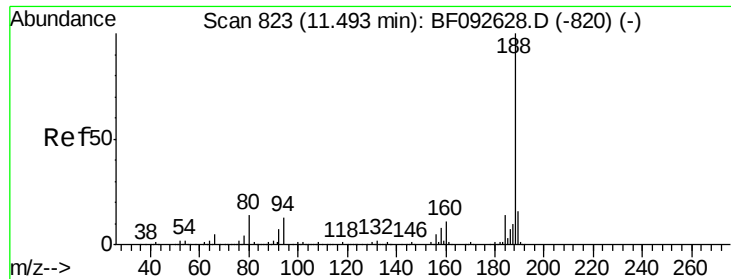
mohammad
2/6/2017 12:34:20 PM



#62
Azobenzene
Concen: 51.80 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1013427		
182	34.0	0.0	39.3	
105	26.1	2.3	42.3	
51	27.7	8.9	48.9	





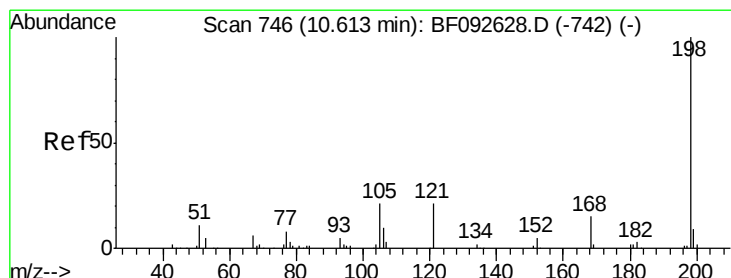
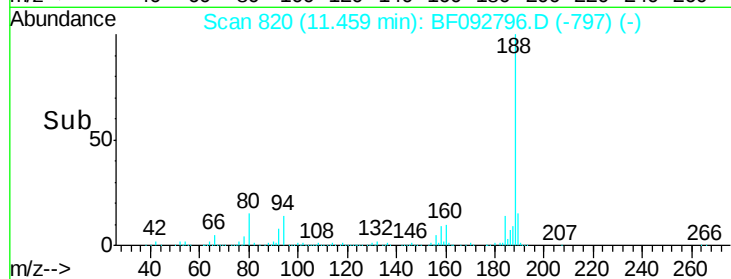
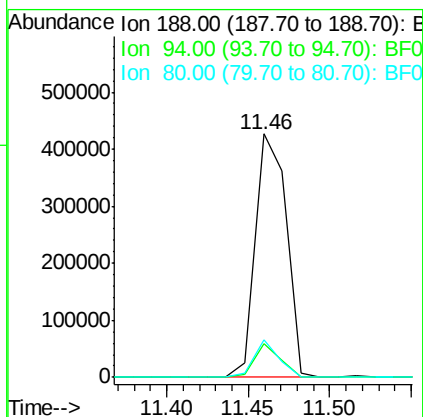
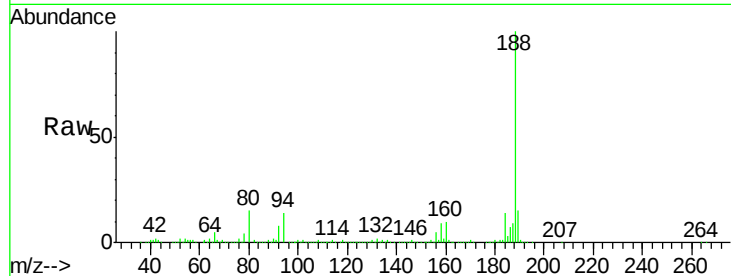
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	564244		
94	13.6		10.0	15.0
80	15.2		11.2	16.8

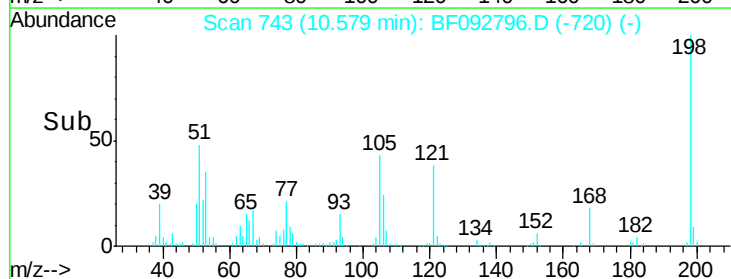
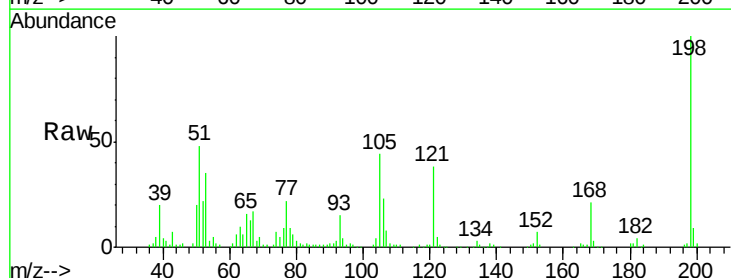
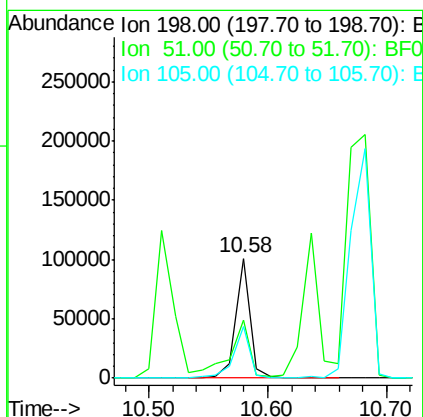
Manual Integrations
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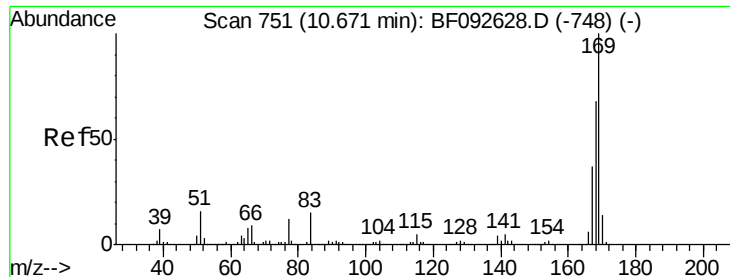
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 26.24 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	85728		
51	47.9		6.7	46.7#
105	43.5		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 42.01 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

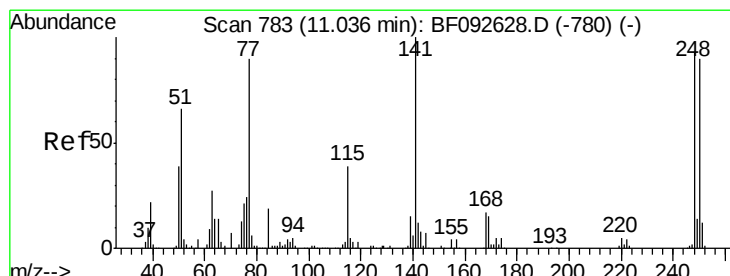
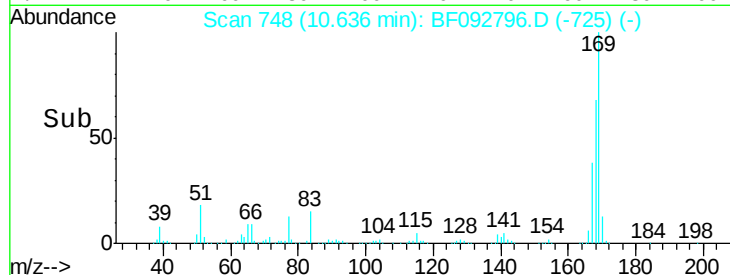
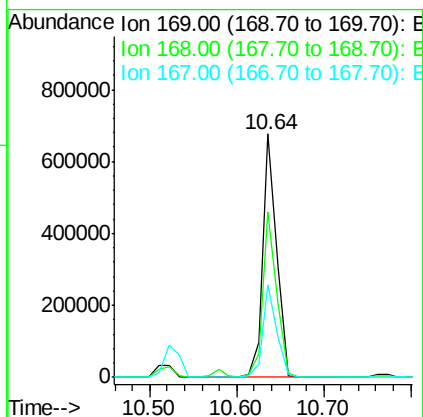
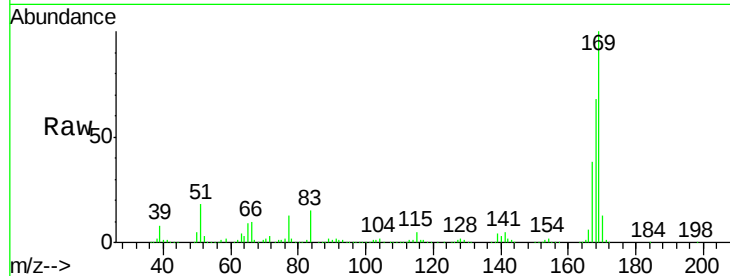
ClientSampleId :

MH-6-COMPMSD

Tgt Ion:	169	Resp:	757249
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.2	81.2
167	37.8	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 41.75 ng

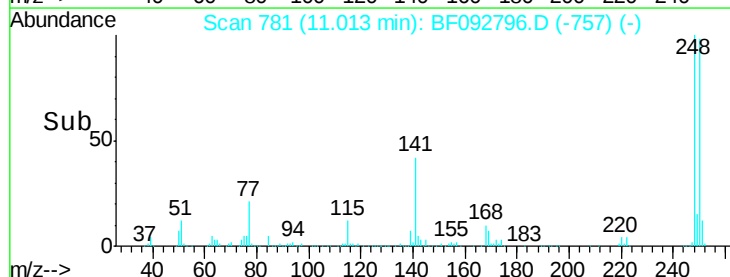
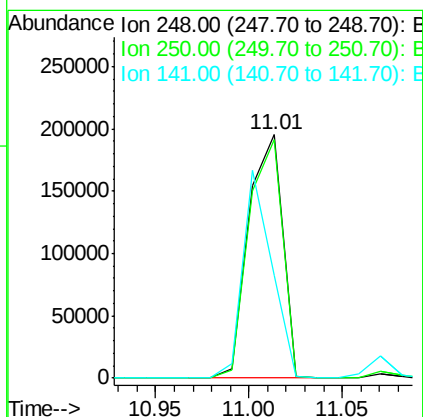
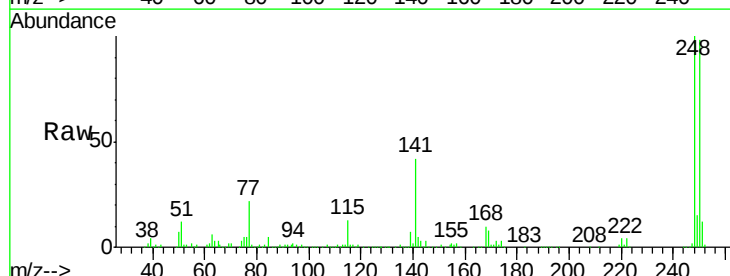
RT: 11.01 min Scan# 781

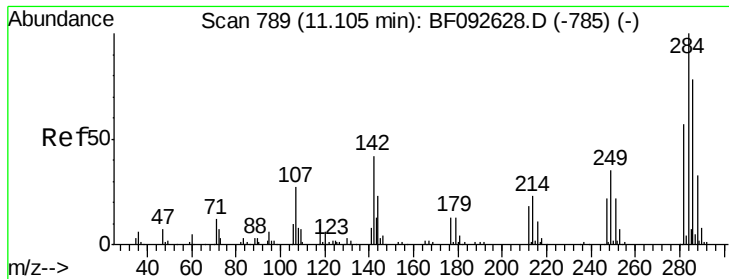
Delta R.T. -0.02 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Tgt Ion:	248	Resp:	246128
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.9	115.3
141	42.5	68.2	102.4#





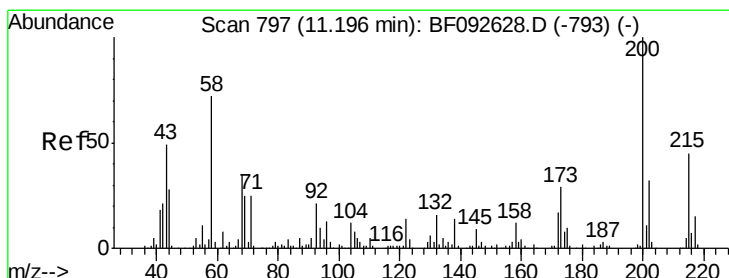
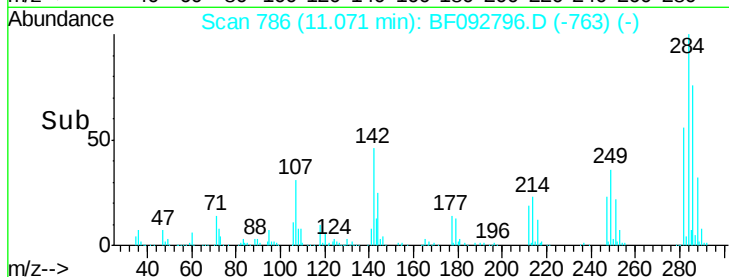
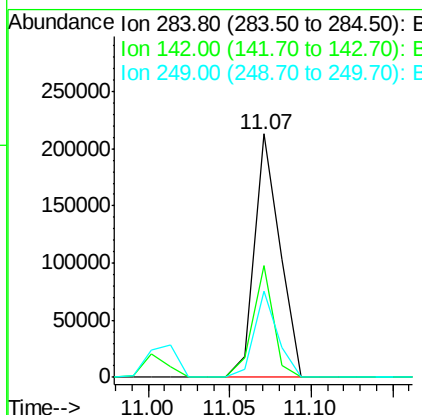
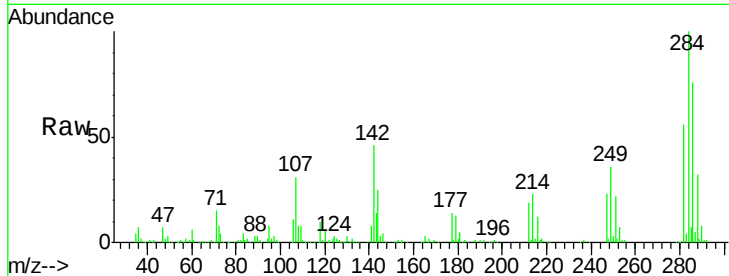
#67
Hexachlorobenzene
Concen: 39.58 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	230572		
142	46.1	22.6	33.8#	
249	35.6	25.4	38.0	

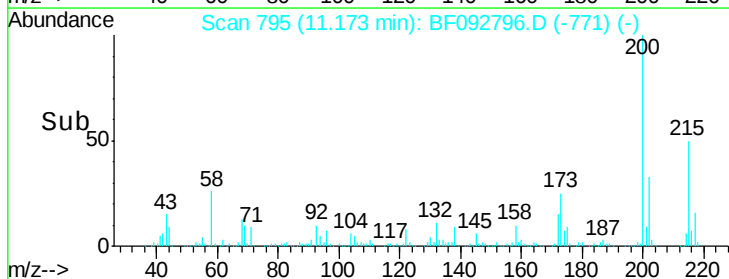
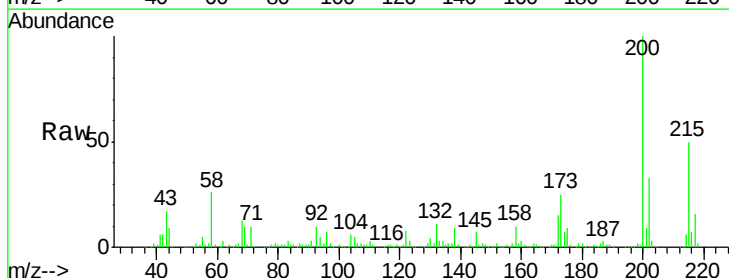
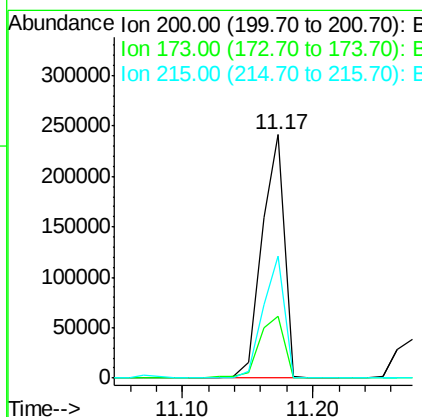
Manual Integrations
APPROVED

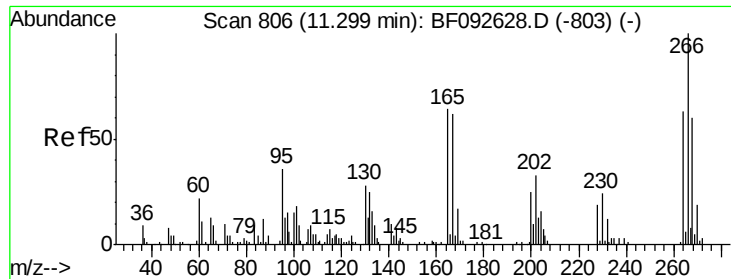
mohammad
2/6/2017 12:34:20 PM



#68
Atrazine
Concen: 49.85 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	288346		
173	25.4	9.6	49.6	
215	49.9	25.7	65.7	





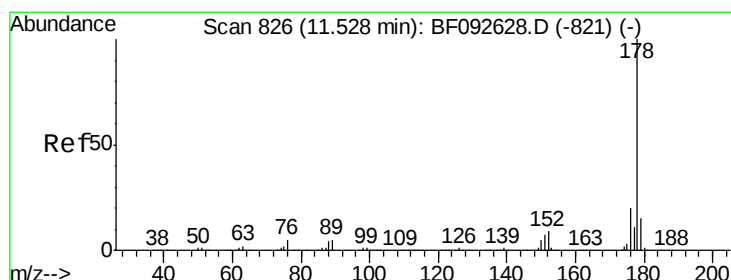
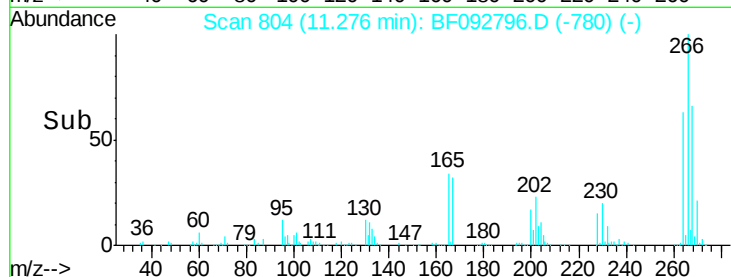
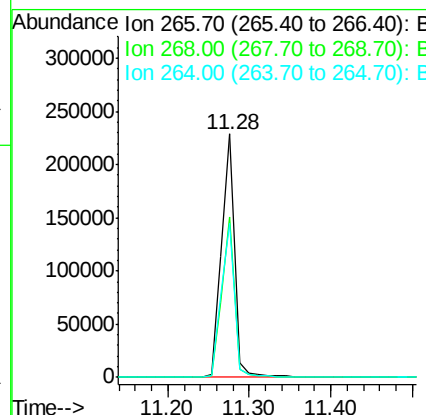
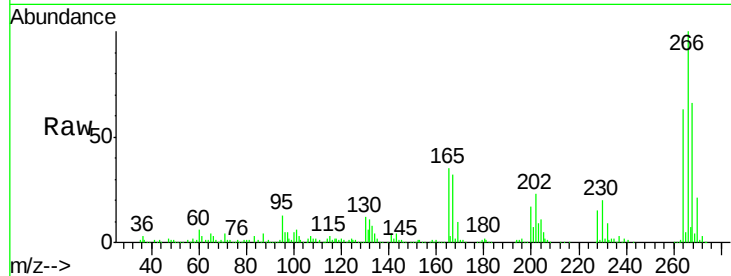
#69
Pentachlorophenol
 Concen: 84.98 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.8	53.3	79.9
264	63.1	50.3	75.5

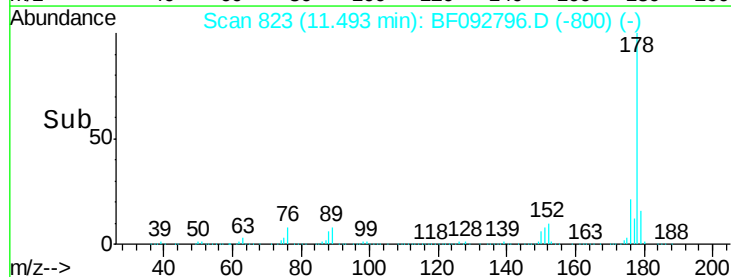
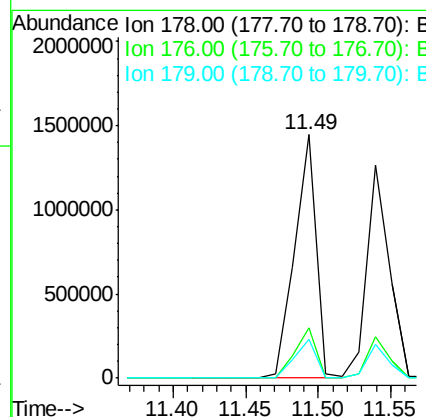
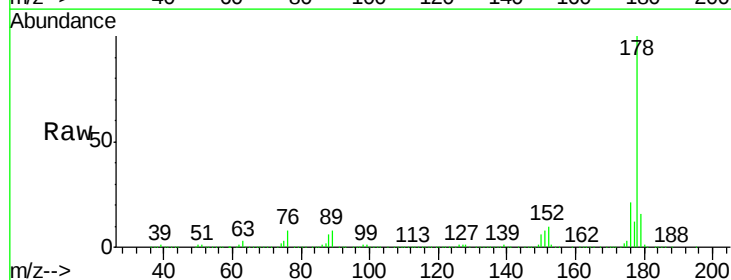
Manual Integrations
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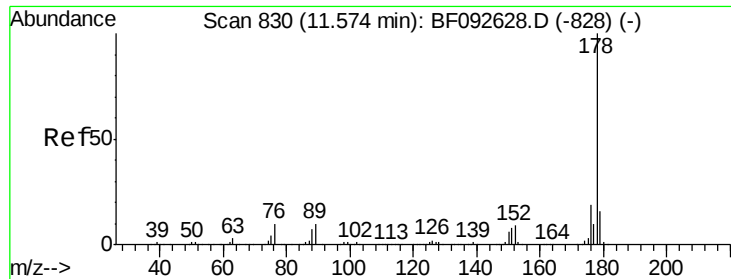
mohammad
 2/6/2017 12:34:20 PM



#70
Phenanthrene
 Concen: 45.92 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.6	25.0
179	15.7	12.8	19.2





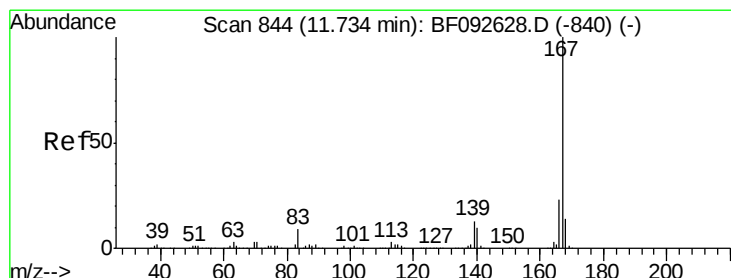
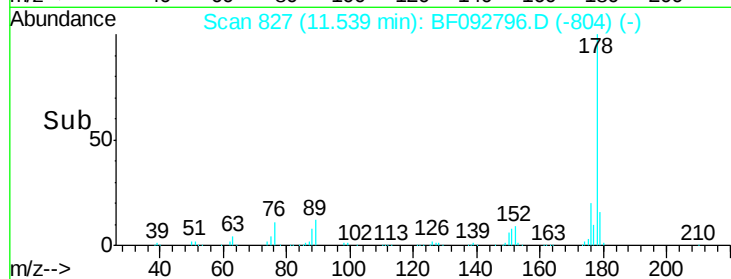
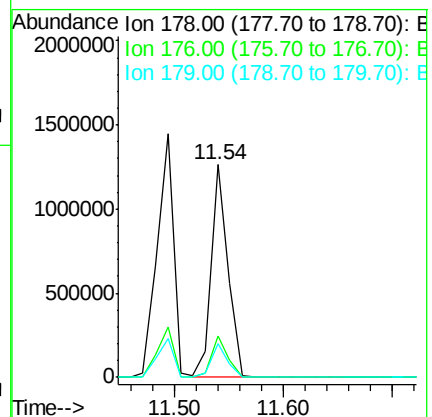
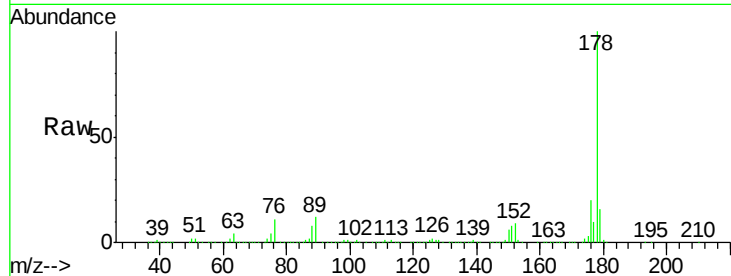
#71
 Anthracene
 Concen: 42.14 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion:178 Resp: 1367897
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.8 13.2 19.8

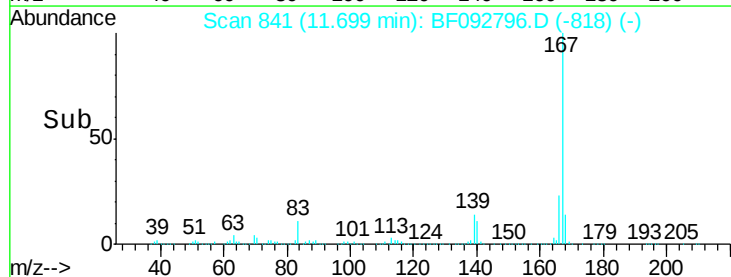
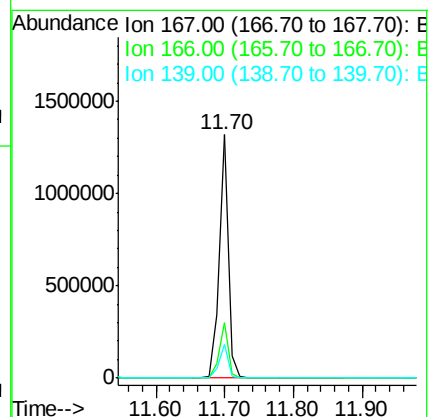
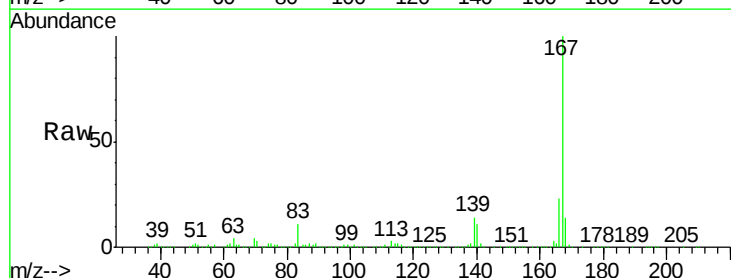
Manual Integrations
 APPROVED

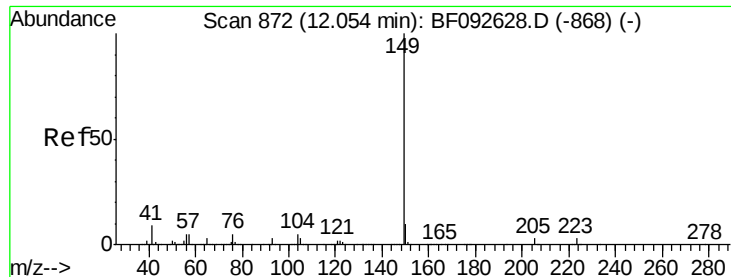
mohammad
 2/6/2017 12:34:20 PM



#72
 Carbazole
 Concen: 40.15 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion:167 Resp: 1245938
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.9 11.4 17.2





#73

Di-n-butylphthalate

Concen: 50.21 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

MH-6-COMPMSD

Tgt Ion:149 Resp: 1684968

Ion Ratio Lower Upper

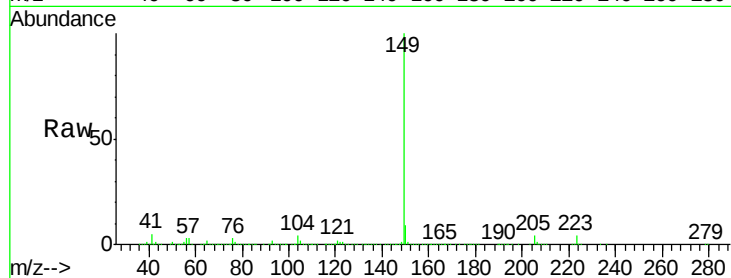
149 100

150 9.0 8.1 12.1

104 3.7 4.6 7.0#

Manual Integrations
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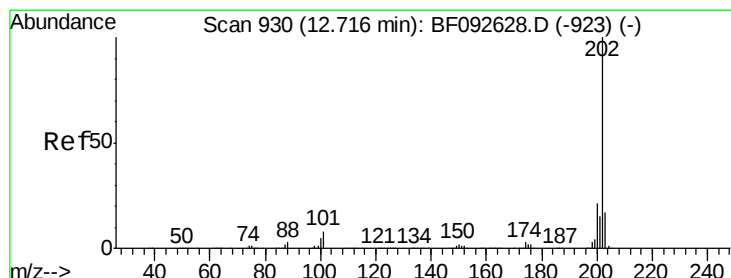
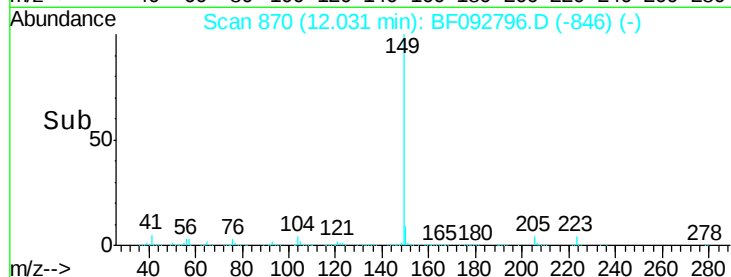
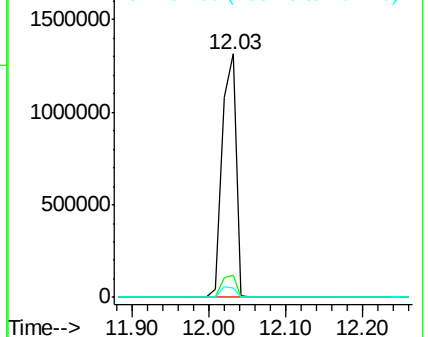
mohammad
2/6/2017 12:34:20 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.13 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

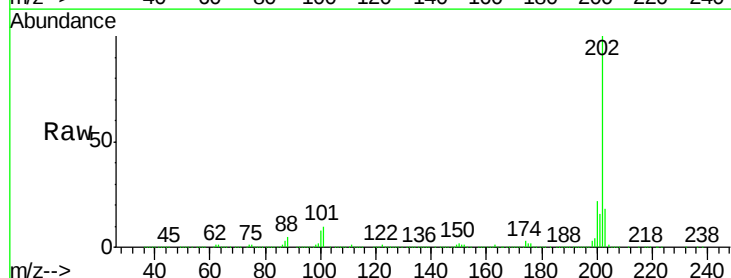
Tgt Ion:202 Resp: 1338053

Ion Ratio Lower Upper

202 100

101 10.4 0.0 34.6

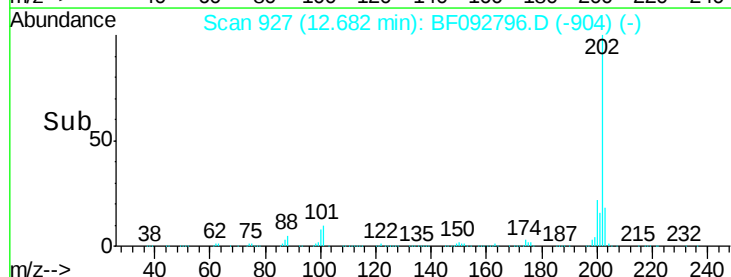
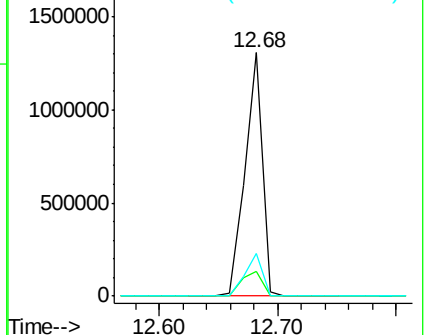
203 17.6 0.0 38.7

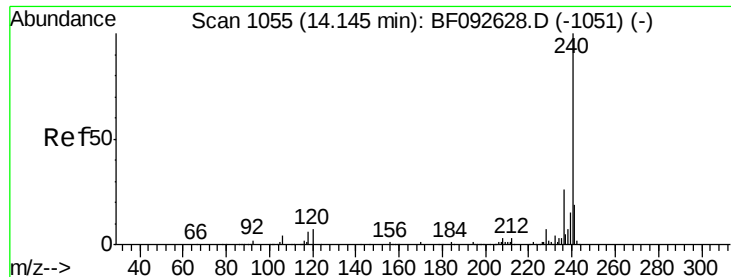


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





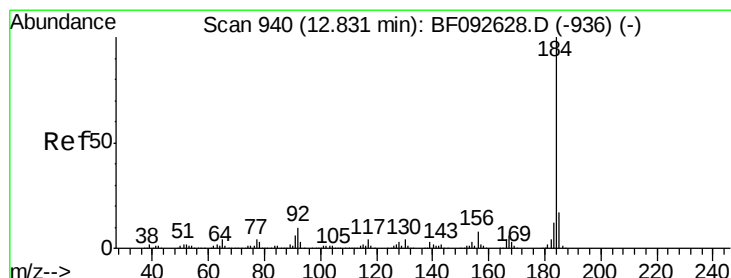
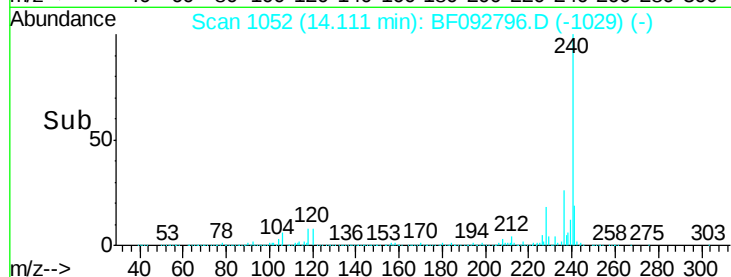
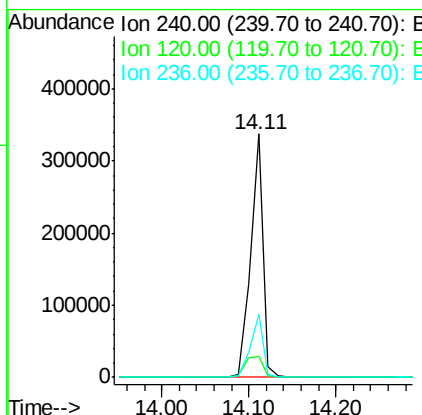
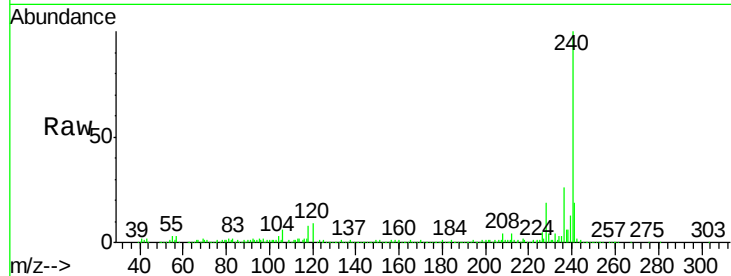
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	337501		
120	8.5	12.9	19.3#	
236	26.0	20.9	31.3	

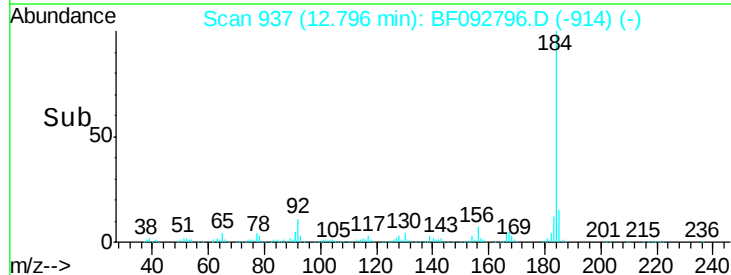
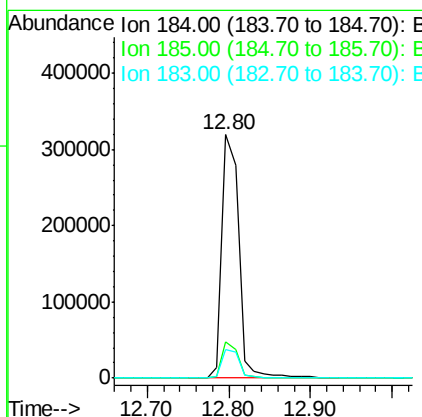
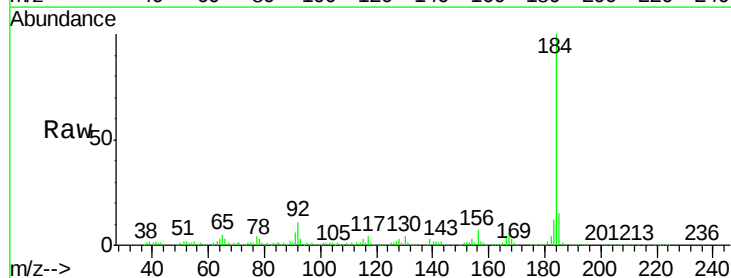
Manual Integrations
APPROVED

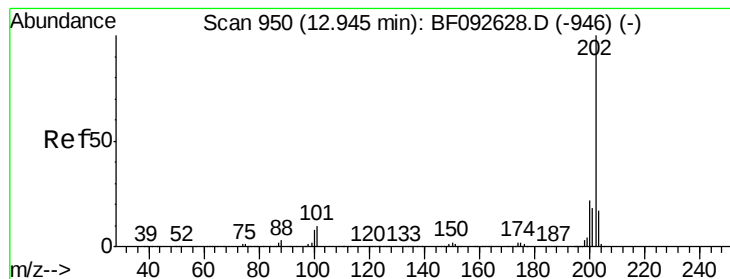
mohammad
2/6/2017 12:34:20 PM



#76
Benzidine
Concen: 31.77 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	456939		
185	14.8	13.4	20.0	
183	11.7	9.2	13.8	





#77

Pyrene

Concen: 51.96 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

ClientSampleId :

MH-6-COMPMSD

Tgt Ion: 202 Resp: 1312478

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

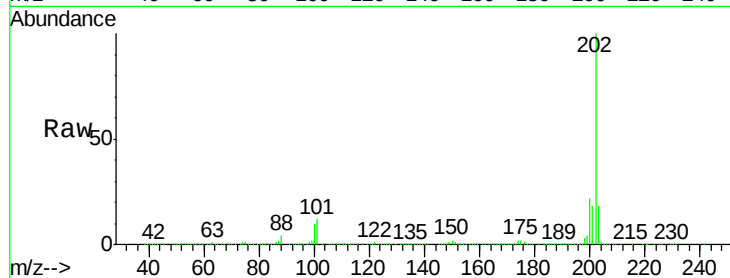
203 17.7 14.7 22.1

Manual Integrations

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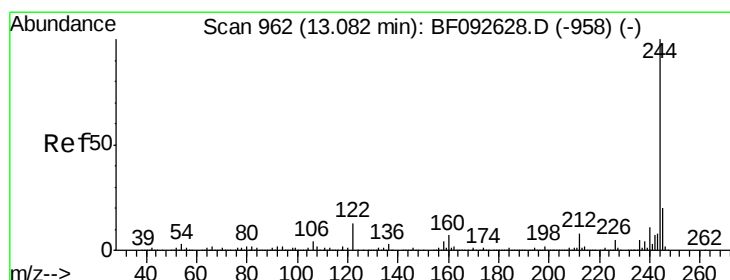
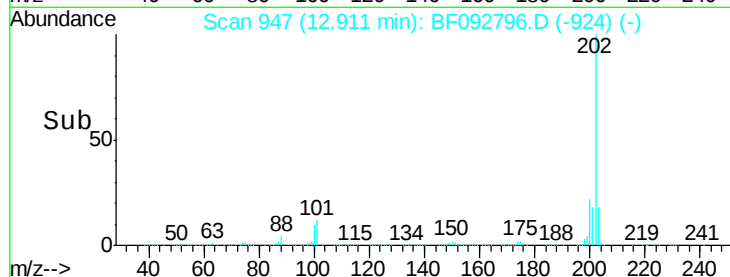
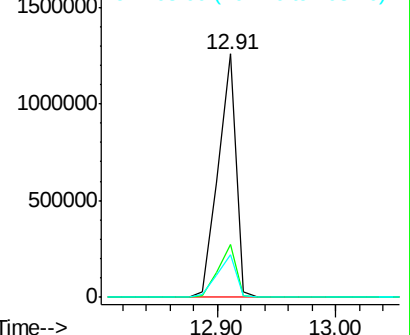
2/6/2017 12:34:20 PM



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: 90.09 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

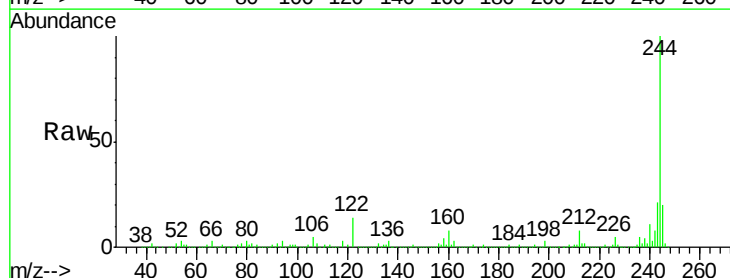
Tgt Ion: 244 Resp: 1294043

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

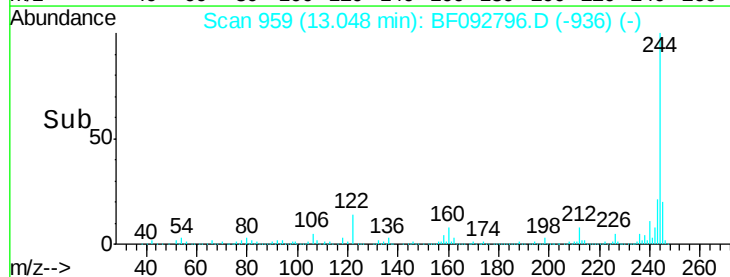
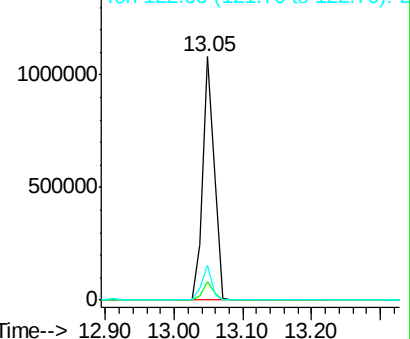
122 14.3 11.4 17.2

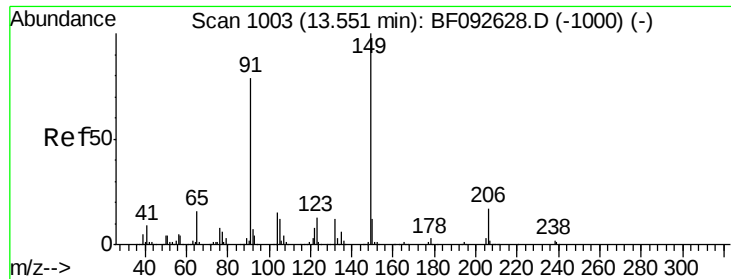


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





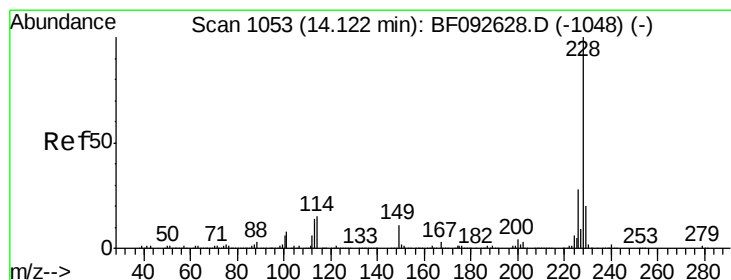
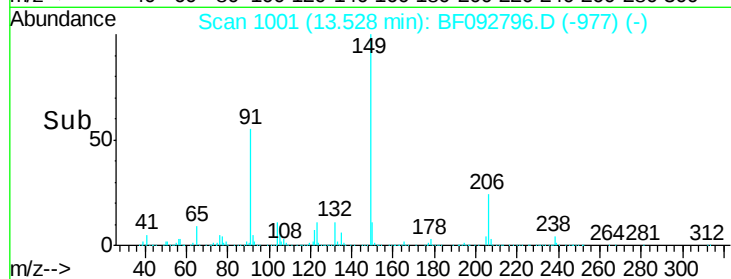
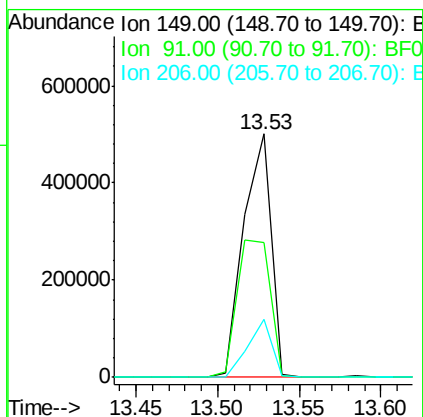
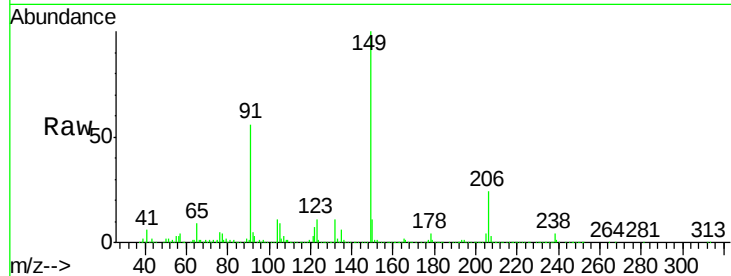
#79
Butylbenzylphthalate
Concen: 56.69 ng
RT: 13.53 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	581502		
91	55.5	63.9	95.9#	
206	24.0	14.6	21.8#	

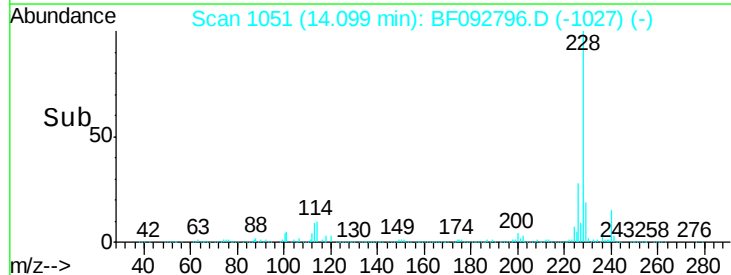
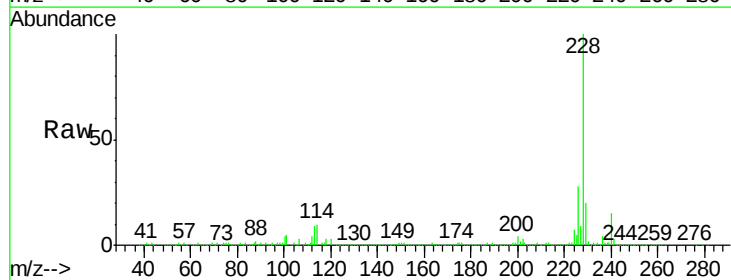
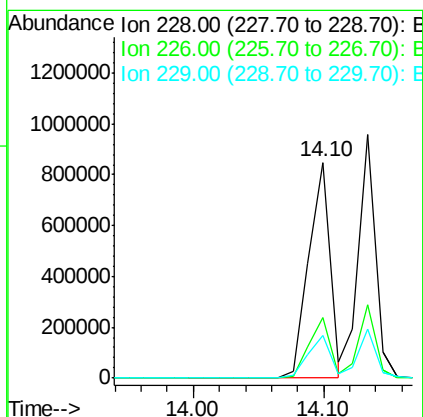
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 46.21 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	953957		
226	28.3	22.4	33.6	
229	19.5	16.2	24.4	





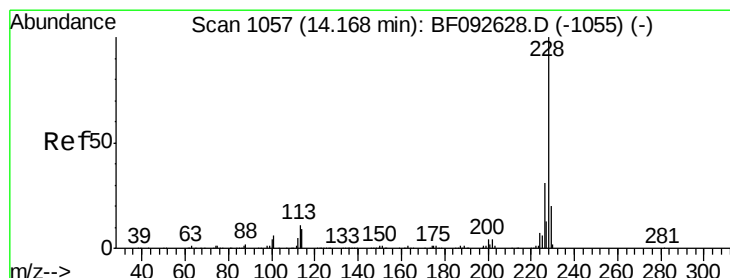
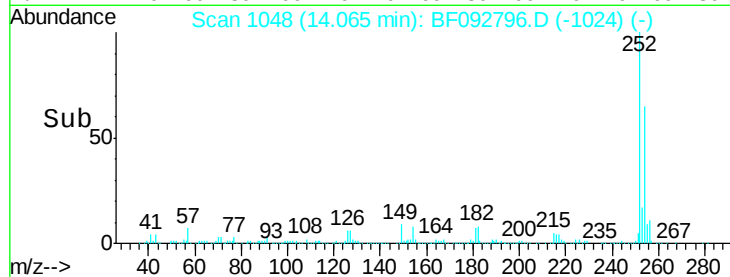
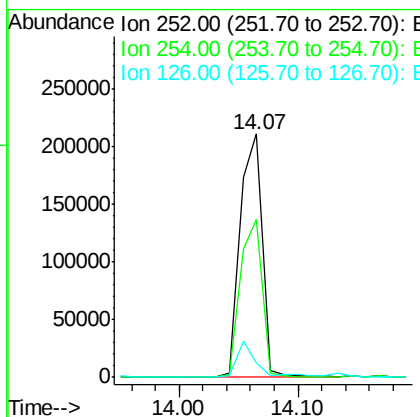
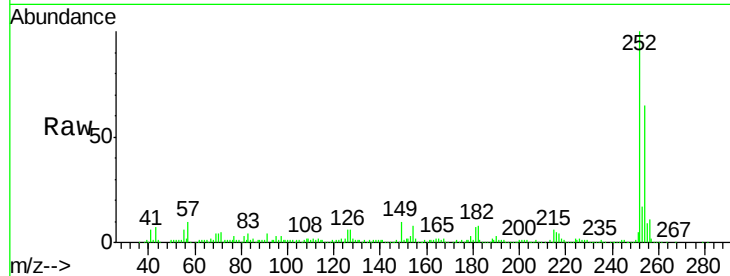
#81
 3,3'-Dichlorobenzidine
 Concen: 37.42 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.0	52.3	78.5
126	5.8	13.6	20.4

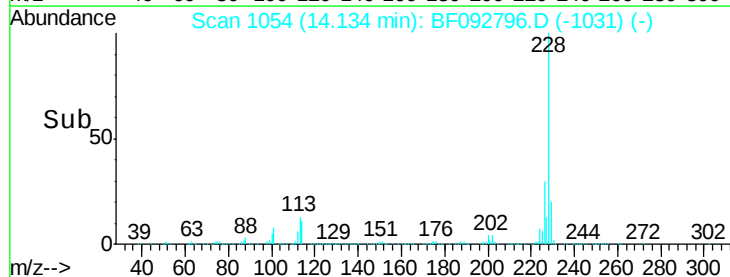
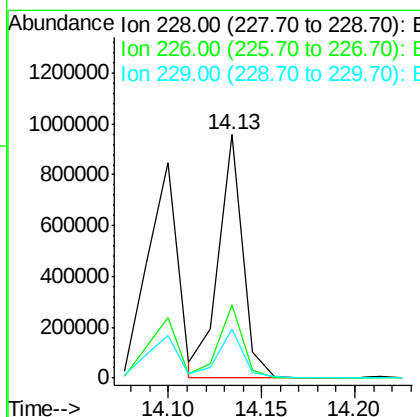
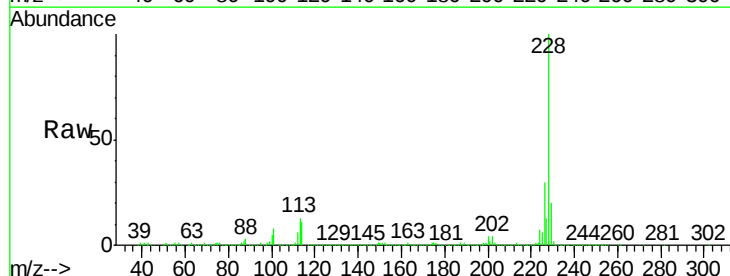
Manual Integrations
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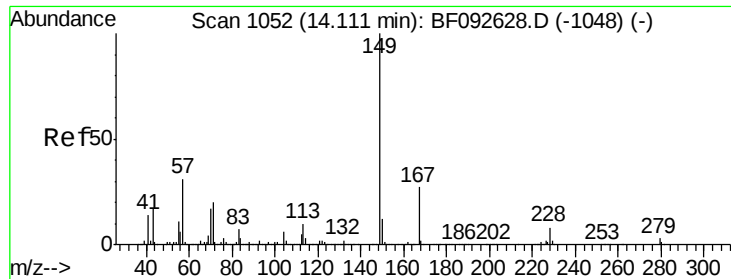
mohammad
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#82
 Chrysene
 Concen: 44.63 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	25.4	38.0
229	20.1	16.2	24.2





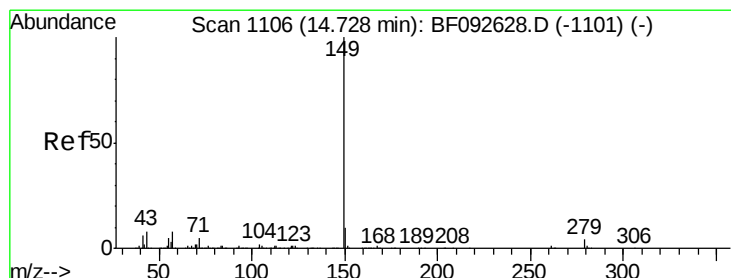
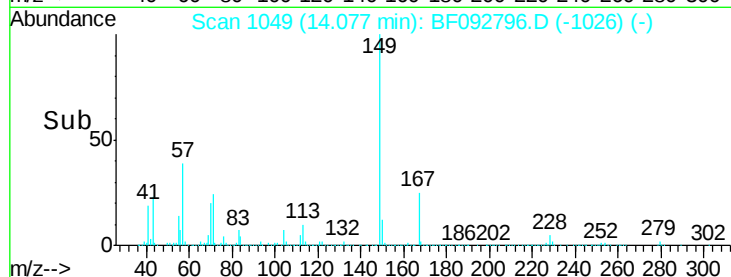
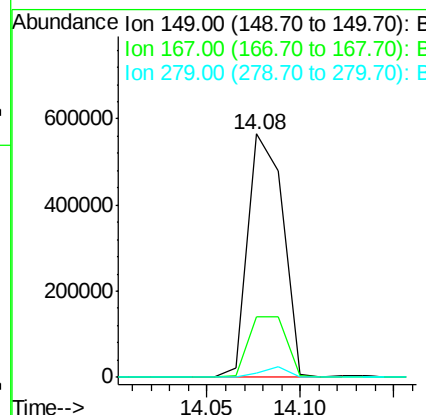
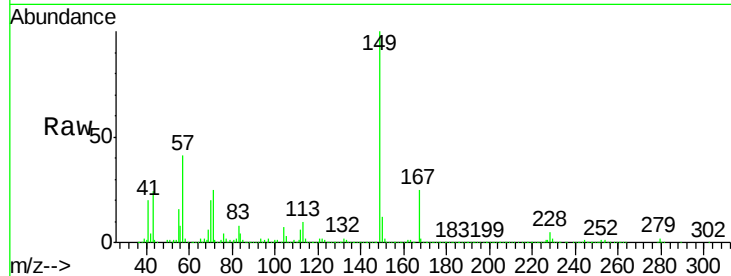
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.24 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.2	30.4
279	1.9	1.8	2.8

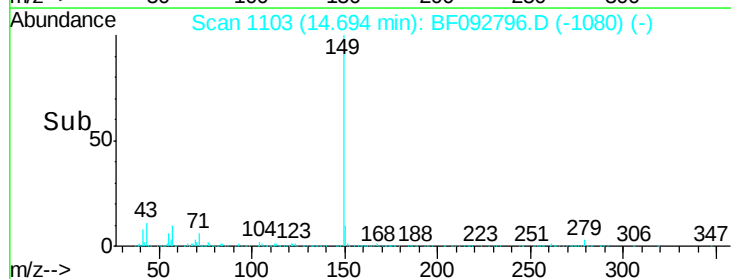
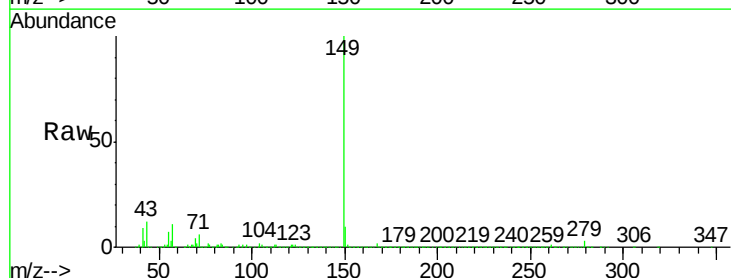
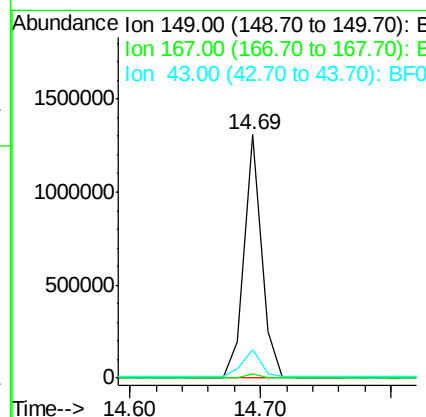
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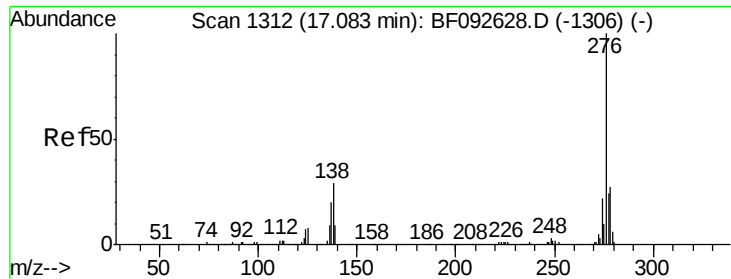
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 52.80 ng
 RT: 14.69 min Scan# 1103
 Delta R.T. -0.03 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

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





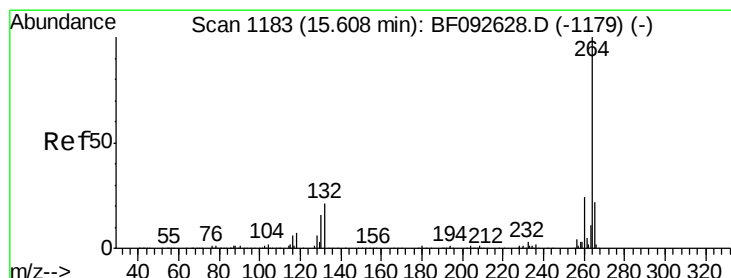
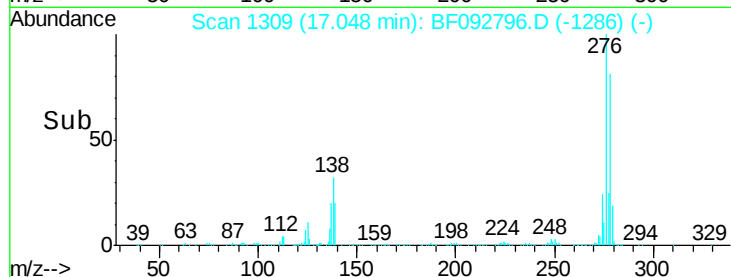
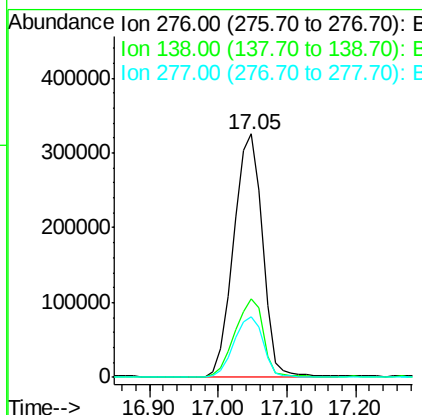
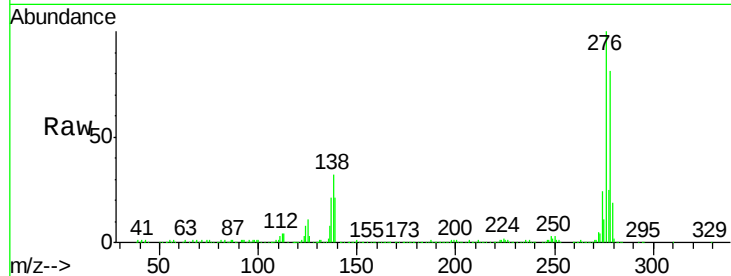
#85
Indeno(1,2,3-cd)pyrene
Concen: 63.57 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	21.8	32.6
277	25.2	20.2	30.4

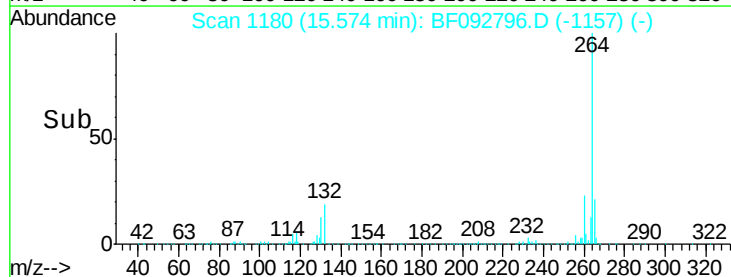
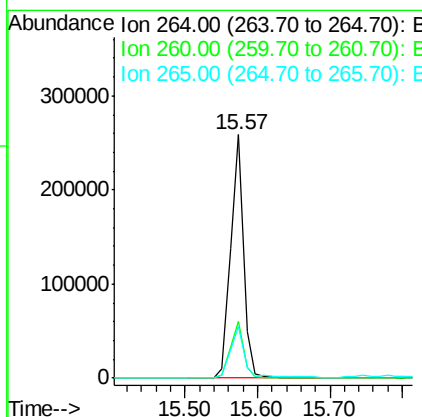
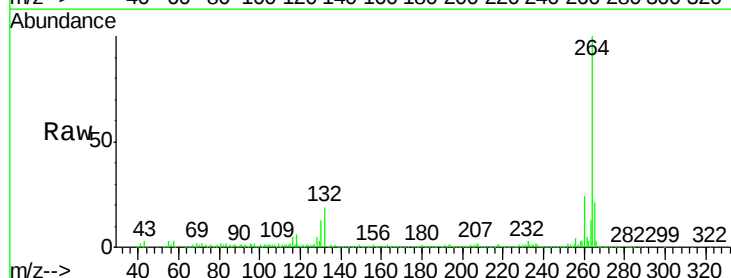
Manual Integrations
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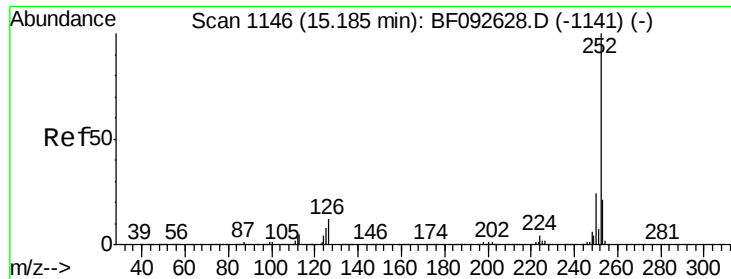
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 48.40 ng m

RT: 15.15 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Instrument :

BNA_F

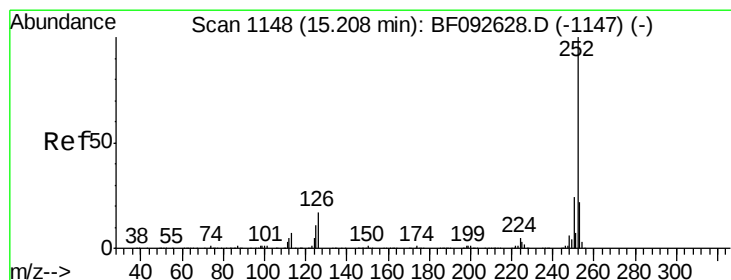
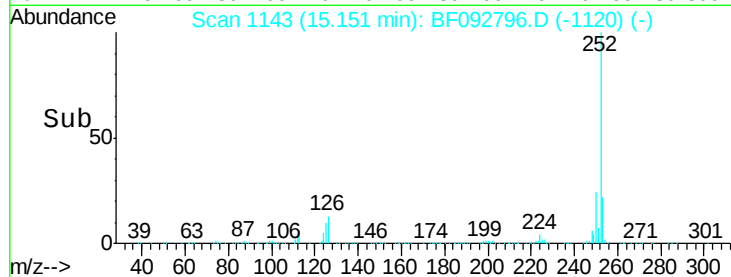
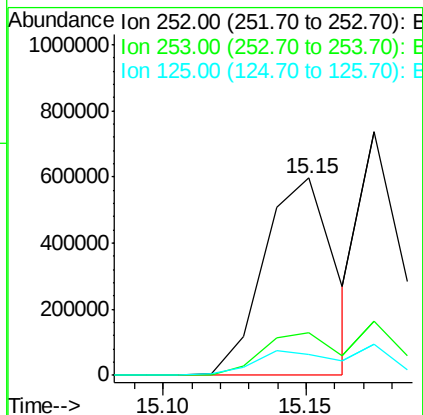
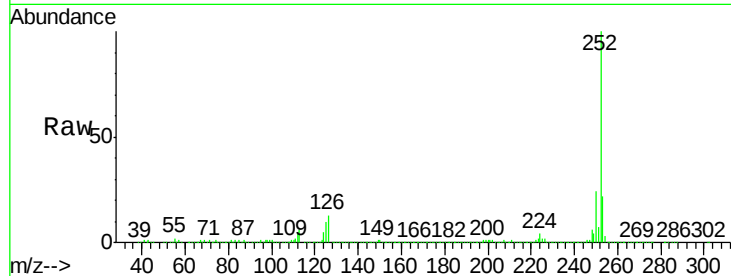
ClientSampleId :

MH-6-COMPMSD

Tgt Ion:	252	Resp:	1027450
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.3	9.8	14.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 39.39 ng m

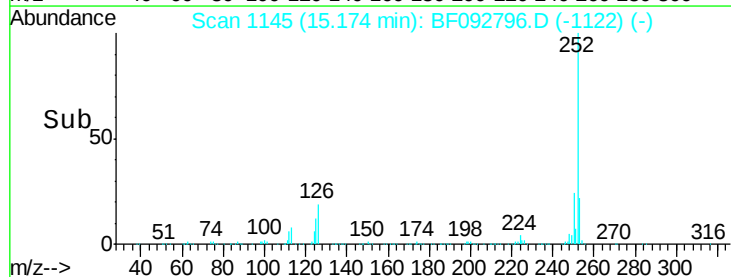
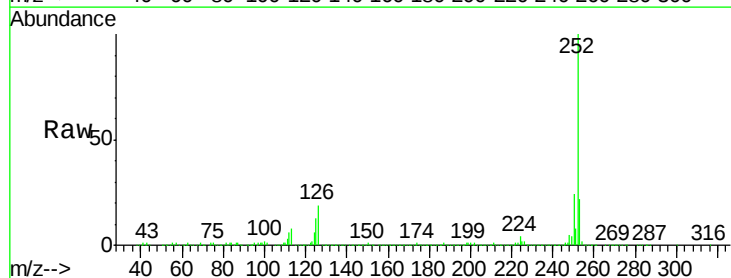
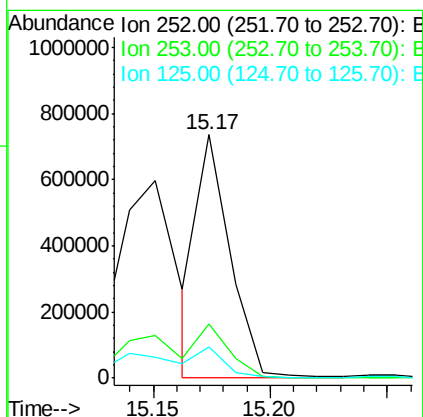
RT: 15.17 min Scan# 1145

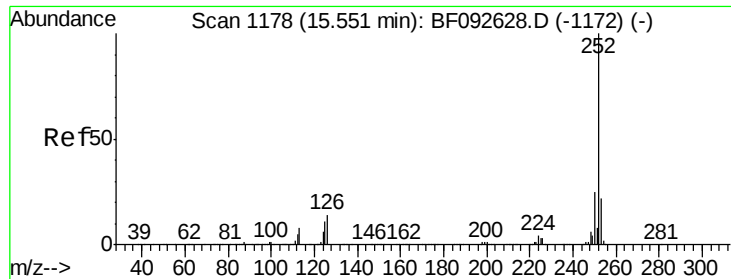
Delta R.T. -0.03 min

Lab File: BF092796.D

Acq: 4 Feb 2017 00:50

Tgt Ion:	252	Resp:	722037
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	12.8	8.9	13.3





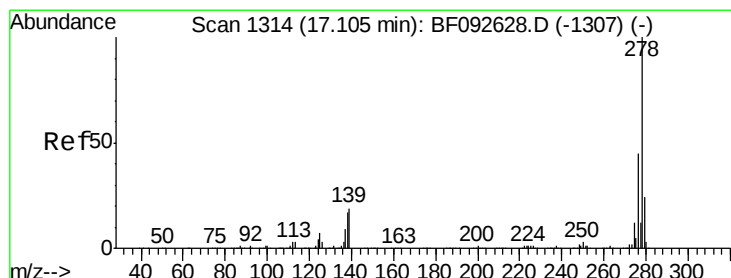
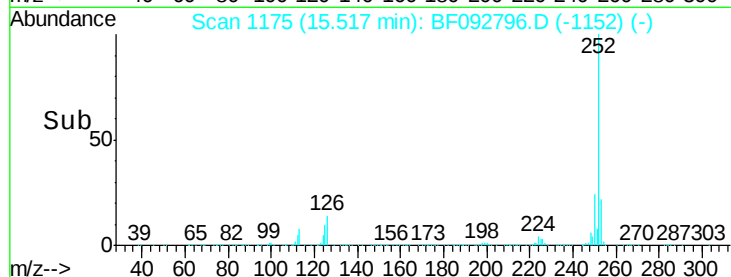
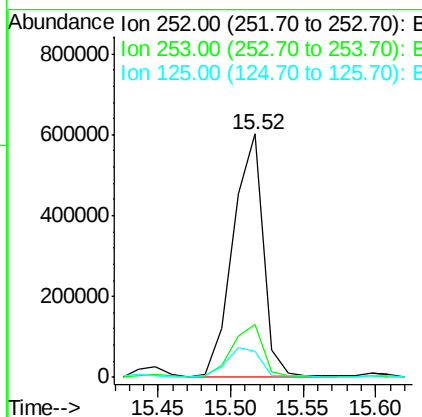
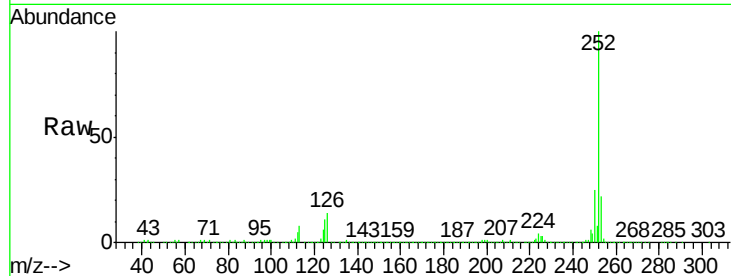
#89
Benzo(a)pyrene
Concen: 47.48 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Instrument :
BNA_F
ClientSampleId :
MH-6-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.8	10.0	15.0

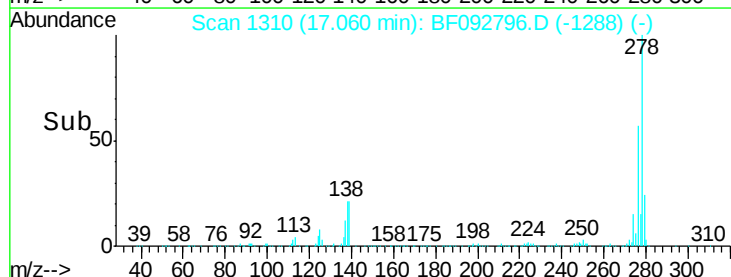
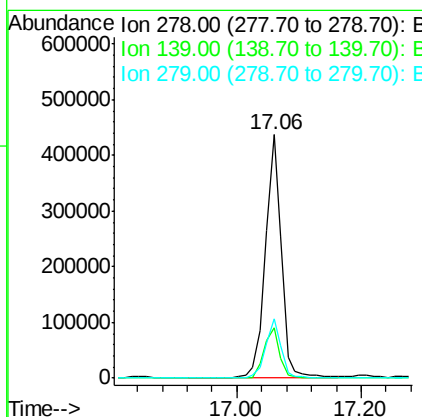
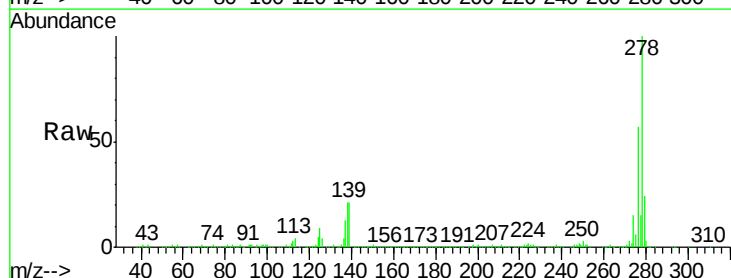
Manual Integrations
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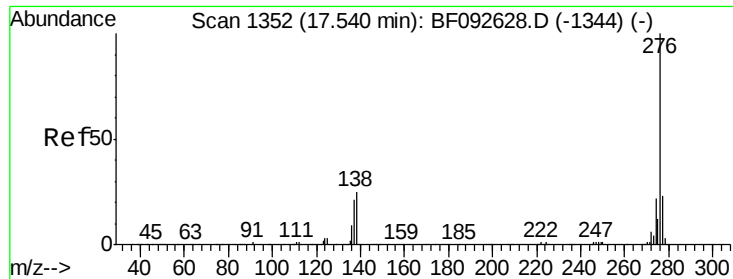
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 52.74 ng
RT: 17.06 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF092796.D
Acq: 4 Feb 2017 00:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.8	22.2
279	24.2	19.8	29.6





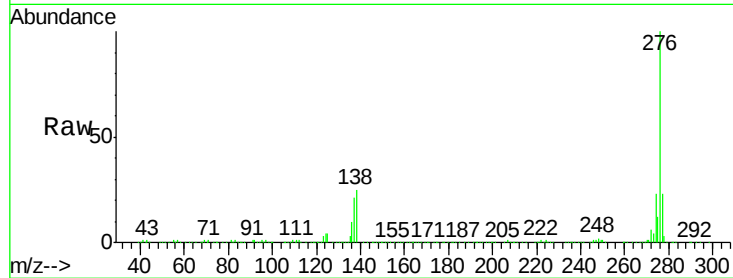
#91
 Benzo(g,h,i)perylene
 Concen: 53.60 ng
 RT: 17.49 min Scan# 1348
 Delta R.T. -0.05 min
 Lab File: BF092796.D
 Acq: 4 Feb 2017 00:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-6-COMPMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	19.2	28.8
138	24.8	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

