

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092967.D
 Acq On : 15 Feb 2017 22:42
 Operator : SJ/MA
 Sample : I1816-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

Manual Integrations
 APPROVED

mohammad
 2/16/2017 11:38:59 AM

Quant Time: Feb 16 07:33:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	147380	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	607618	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	315250	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	501611	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	357280	20.00	ng	-0.02
86) Perylene-d12	15.46	264	298163	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1257077	146.33	ng	0.00
7) Phenol-d6	6.52	99	1557088	140.87	ng	-0.01
23) Nitrobenzene-d5	7.44	82	973684	89.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	300619	131.85	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1492506	85.77	ng	-0.01
78) Terphenyl-d14	12.98	244	1288765	84.76	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	175346	37.78	ng	# 84
3) Pyridine	3.24	79	519743	44.03	ng	85
4) n-Nitrosodimethylamine	3.21	42	257824	46.52	ng	87
6) Aniline	6.53	93	228599	15.16	ng	# 1
8) 2-Chlorophenol	6.66	128	444994	46.95	ng	97
9) Benzaldehyde	6.42	77	110930	14.01	ng	98
10) Phenol	6.53	94	680390	52.61	ng	# 77
11) bis(2-Chloroethyl)ether	6.61	93	462095	44.77	ng	96
12) 1,3-Dichlorobenzene	6.81	146	464124m	41.81	ng	
13) 1,4-Dichlorobenzene	6.89	146	482373	42.94	ng	97
14) 1,2-Dichlorobenzene	7.05	146	462131	43.02	ng	93
15) Benzyl Alcohol	7.02	79	392145	47.92	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.15	45	802860	44.77	ng	96
17) 2-Methylphenol	7.14	107	395560	48.65	ng	95
18) Hexachloroethane	7.38	117	162615	42.40	ng	# 87
19) n-Nitroso-di-n-propylamine	7.29	70	320923	45.61	ng	94
20) 3+4-Methylphenols	7.29	107	446052	45.89	ng	# 73
22) Acetophenone	7.29	105	592431	42.70	ng	# 94
24) Nitrobenzene	7.46	77	502039	44.81	ng	97
25) Isophorone	7.70	82	915800	45.04	ng	96
26) 2-Nitrophenol	7.78	139	266100	49.96	ng	# 85
27) 2,4-Dimethylphenol	7.81	122	400125	42.78	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	580875	43.14	ng	98
29) 2,4-Dichlorophenol	8.02	162	399481	45.79	ng	93
30) 1,2,4-Trichlorobenzene	8.10	180	407098	43.31	ng	97
31) Naphthalene	8.18	128	1259533	40.89	ng	99
32) Benzoic acid	7.90	122	52266	15.56	ng	97
33) 4-Chloroaniline	8.22	127	98387	8.14	ng	94
34) Hexachlorobutadiene	8.29	225	207116	40.05	ng	98
35) Caprolactam	8.60	113	121411	44.25	ng	# 42
36) 4-Chloro-3-methylphenol	8.73	107	429313	47.20	ng	91
37) 2-Methylnaphthalene	8.86	142	832802	42.11	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	375352	42.42	ng	99
40) Hexachlorocyclopentadiene	9.02	237	261057	65.39	ng	98

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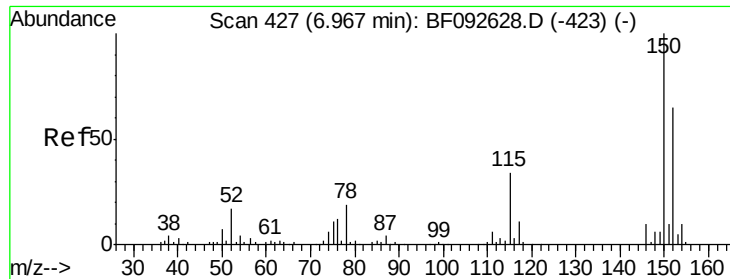
Manual Integrations
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 2/16/2017 11:38:59 AM

Quant Time: Feb 16 07:33:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	270179	46.46	ng	93
43) 2,4,5-Trichlorophenol	9.20	196	276406	43.38	ng #	89
45) 1,1'-Biphenyl	9.33	154	975584	42.74	ng	98
46) 2-Chloronaphthalene	9.36	162	759214	42.52	ng	97
47) 2-Nitroaniline	9.46	65	285004	47.47	ng	94
48) Acenaphthylene	9.78	152	1262133	40.91	ng	97
49) Dimethylphthalate	9.64	163	1293211	60.90	ng	99
50) 2,6-Dinitrotoluene	9.70	165	194818	42.48	ng #	82
51) Acenaphthene	9.94	154	763527	41.40	ng	96
52) 3-Nitroaniline	9.87	138	115820	22.07	ng #	76
53) 2,4-Dinitrophenol	9.97	184	76317	35.51	ng #	62
54) Dibenzofuran	10.12	168	1114545	45.18	ng #	89
55) 4-Nitrophenol	10.04	139	286381	75.77	ng	93
56) 2,4-Dinitrotoluene	10.11	165	271312	44.44	ng #	78
57) Fluorene	10.46	166	760030	40.05	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.24	232	211640	49.80	ng	99
59) Diethylphthalate	10.34	149	923393	46.14	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	392687	43.07	ng #	81
61) 4-Nitroaniline	10.49	138	222577	41.41	ng	82
62) Azobenzene	10.61	77	918838m	44.44	ng	
64) 4,6-Dinitro-2-methylphenol	10.51	198	105213	35.21	ng #	57
65) n-Nitrosodiphenylamine	10.57	169	691409	43.15	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	224003	42.74	ng #	77
67) Hexachlorobenzene	11.00	284	213628	41.25	ng #	81
68) Atrazine	11.10	200	239734	46.62	ng	92
69) Pentachlorophenol	11.21	266	245186	90.66	ng	98
70) Phenanthrene	11.41	178	1161399	40.41	ng	98
71) Anthracene	11.47	178	1206232	41.80	ng	98
72) Carbazole	11.63	167	1169188	42.38	ng	98
73) Di-n-butylphthalate	11.95	149	1334286	44.72	ng	98
74) Fluoranthene	12.60	202	1097658	37.03	ng	99
76) Benzidine	12.73	184	288543	18.95	ng	96
77) Pyrene	12.83	202	1098013	41.07	ng	99
79) Butylbenzylphthalate	13.45	149	517406	47.65	ng	96
80) Benzo(a)anthracene	14.02	228	825756	37.79	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	172855	22.19	ng #	94
82) Chrysene	14.05	228	774994m	37.88	ng	
83) Bis(2-ethylhexyl)phthalate	14.01	149	720962	48.55	ng #	96
84) Di-n-octyl phthalate	14.61	149	1127805	46.64	ng	98
85) Indeno(1,2,3-cd)pyrene	16.88	276	808175	51.00	ng #	94
87) Benzo(b)fluoranthene	15.05	252	734388m	37.42	ng	
88) Benzo(k)fluoranthene	15.08	252	760106m	44.86	ng	
89) Benzo(a)pyrene	15.40	252	706336	41.61	ng	97
90) Dibenzo(a,h)anthracene	16.89	278	676629	49.32	ng #	95
91) Benzo(g,h,i)perylene	17.31	276	684764	49.40	ng #	94

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



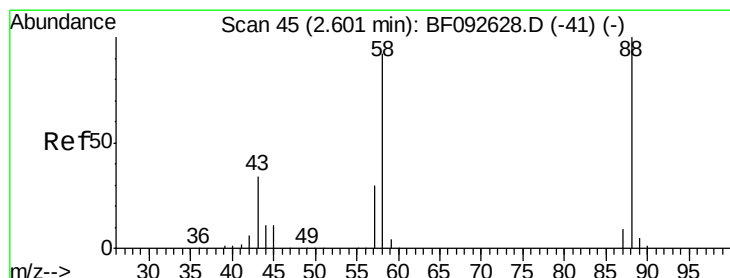
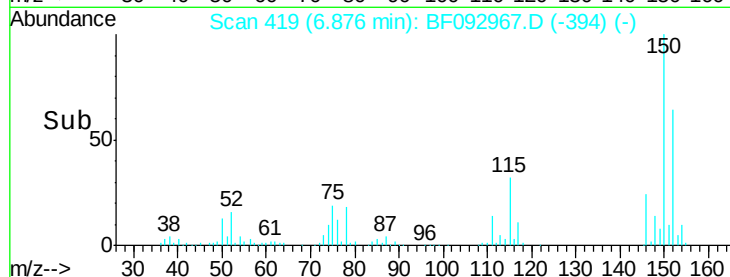
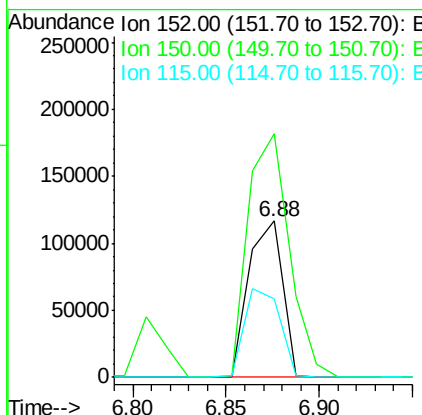
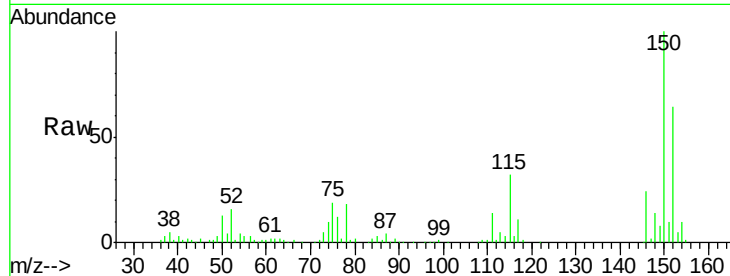
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampled :
 H-1MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	50.2	46.0	69.0

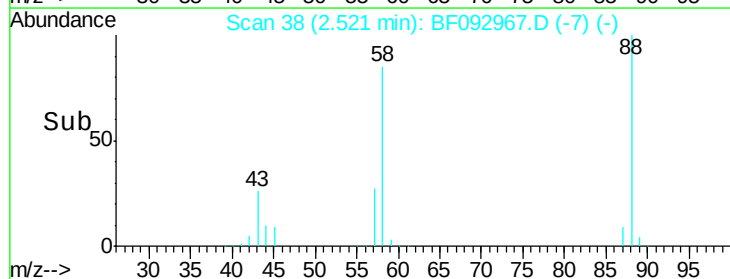
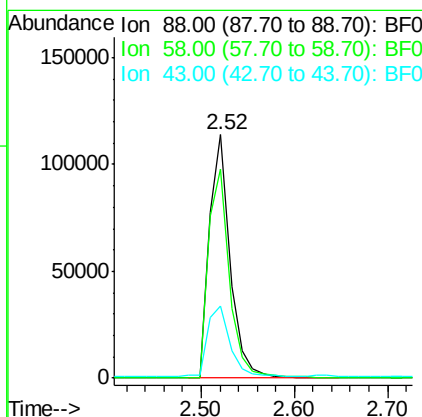
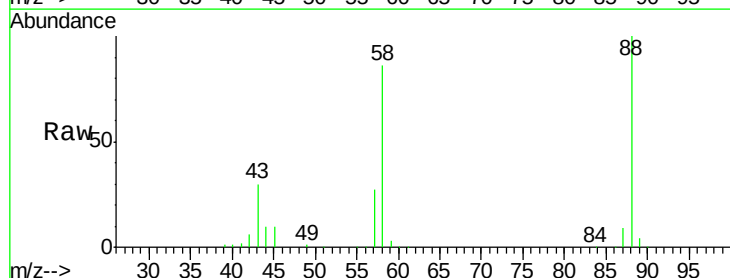
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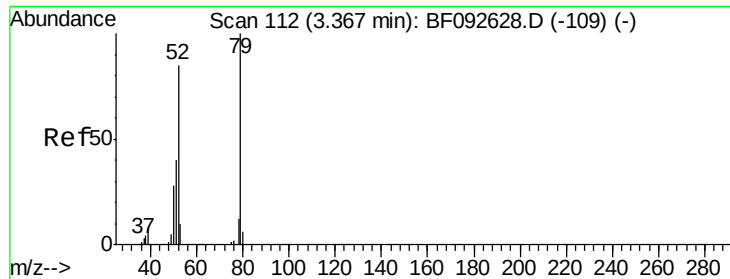
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#2
 1,4-Dioxane
 Concen: 37.78 ng
 RT: 2.52 min Scan# 38
 Delta R.T. 0.06 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	57.8	86.8#
43	31.3	22.3	33.5





#3

Pyridine

Concen: 44.03 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.05 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

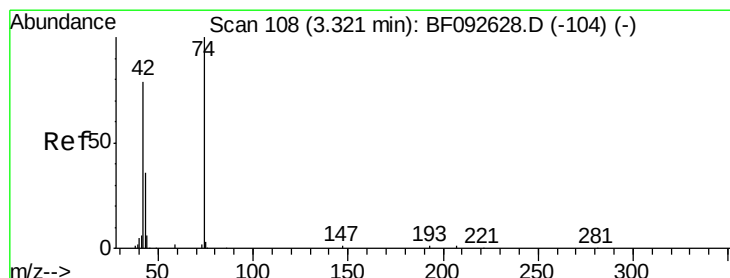
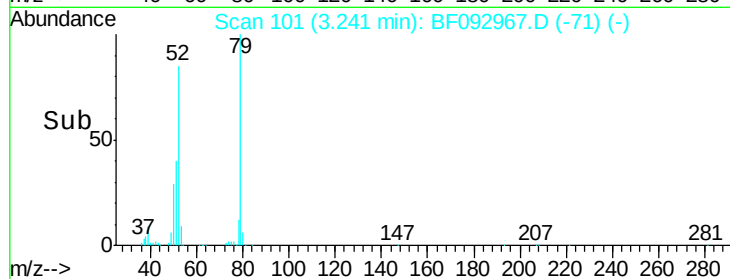
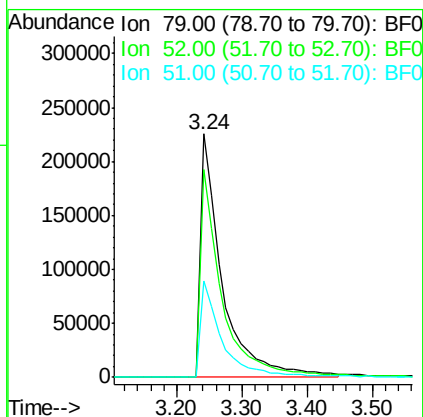
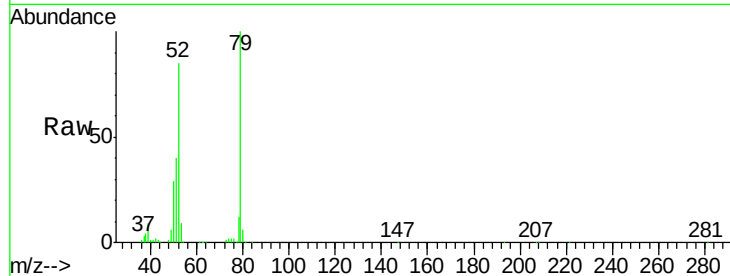
ClientSampleId :

H-1MS

Tgt Ion:	79	Resp:	519743
Ion Ratio	Lower	Upper	
79	100		
52	85.3	57.1	85.7
51	39.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 46.52 ng

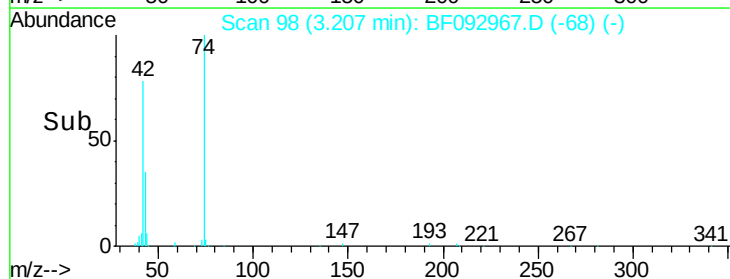
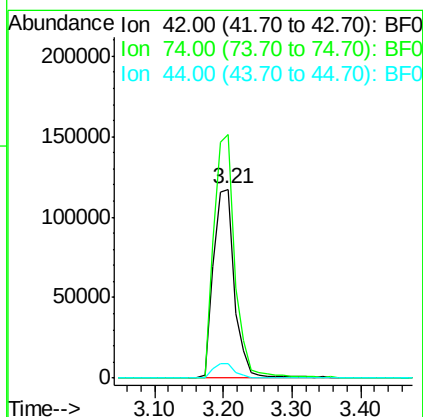
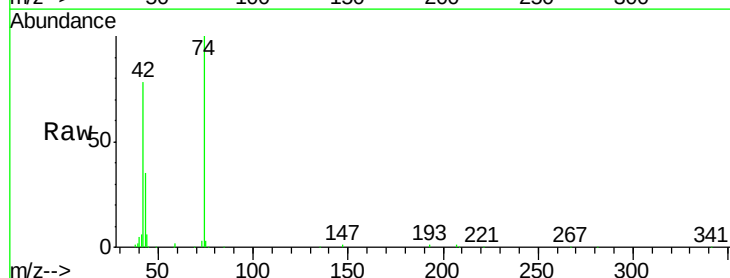
RT: 3.21 min Scan# 98

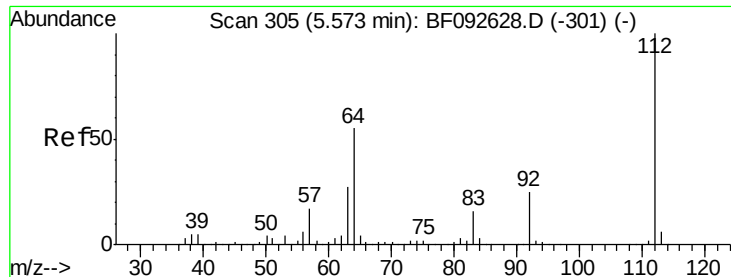
Delta R.T. 0.05 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion:	42	Resp:	257824
Ion Ratio	Lower	Upper	
42	100		
74	128.9	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 146.33 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.00 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

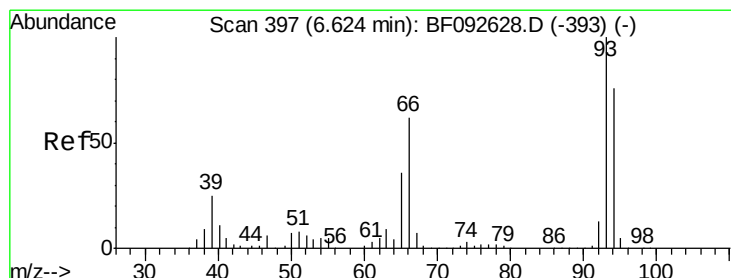
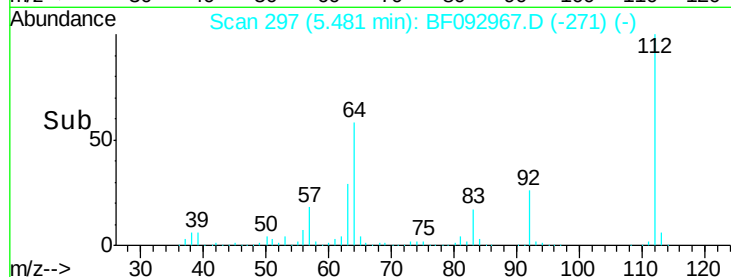
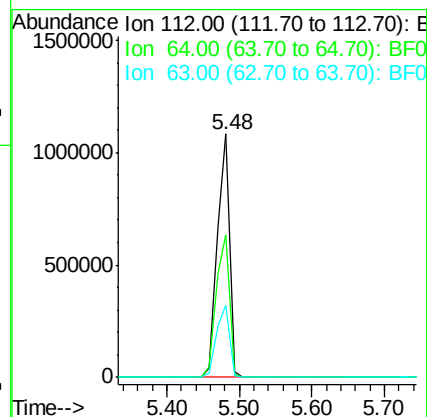
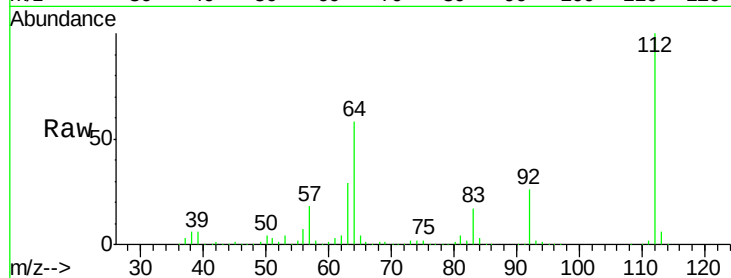
ClientSampleId :

H-1MS

Tgt Ion:	112	Resp:	1257077
Ion	Ratio	Lower	Upper
112	100		
64	58.3	46.1	69.1
63	29.5	23.8	35.6

Manual Integrations
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#6

Aniline

Concen: 15.16 ng

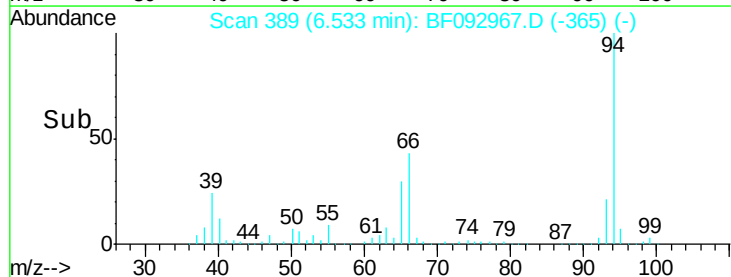
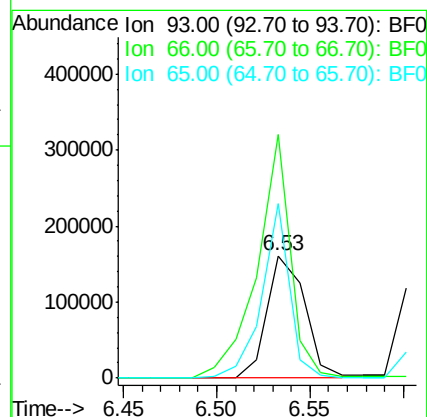
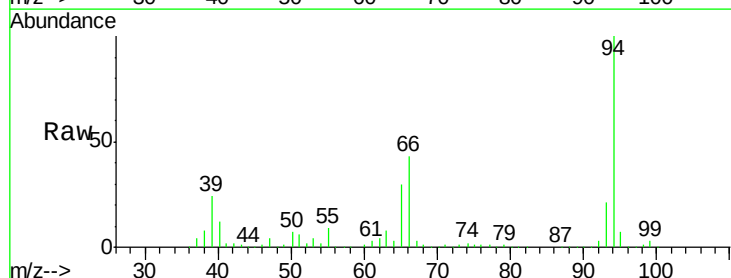
RT: 6.53 min Scan# 389

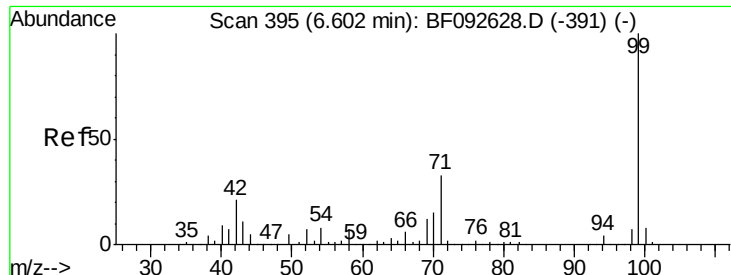
Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion:	93	Resp:	228599
Ion	Ratio	Lower	Upper
93	100		
66	198.6	76.2	114.2#
65	142.0	49.3	73.9#





#7

Phenol-d6

Concen: 140.87 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampled :

H-1MS

Tgt Ion: 99 Resp: 1557088

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

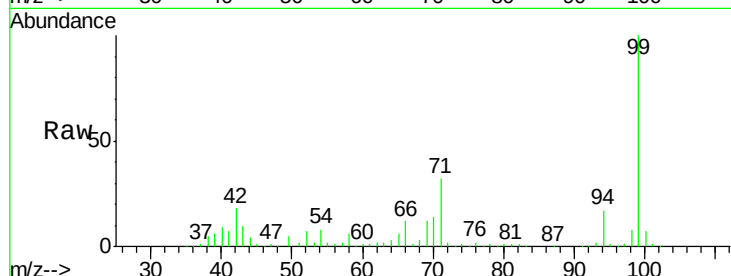
71 31.6 27.5 41.3

Manual Integrations

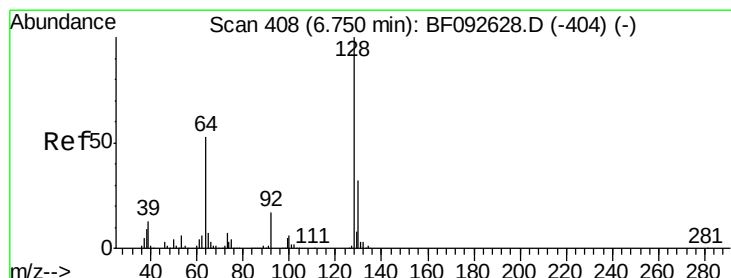
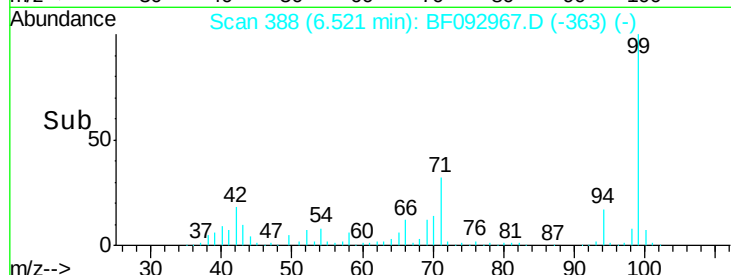
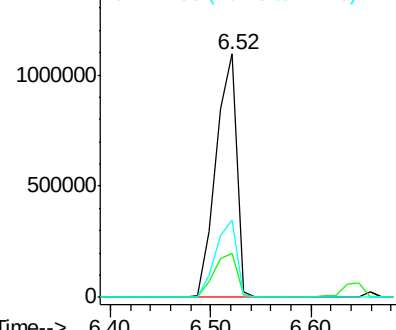
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.95 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

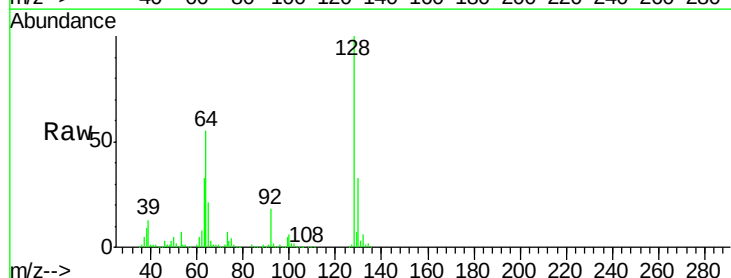
Tgt Ion: 128 Resp: 444994

Ion Ratio Lower Upper

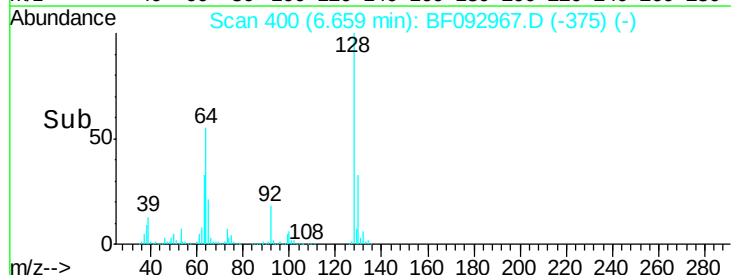
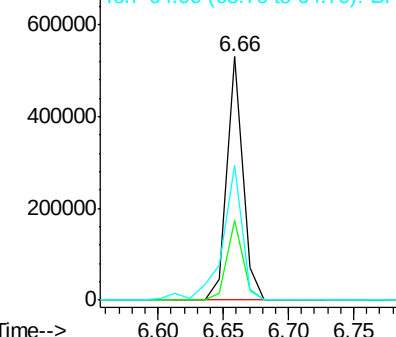
128 100

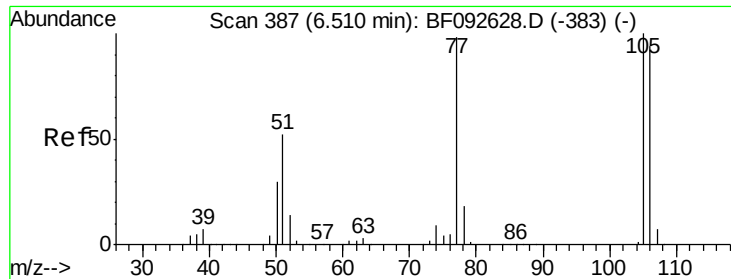
130 32.6 12.3 52.3

64 55.5 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





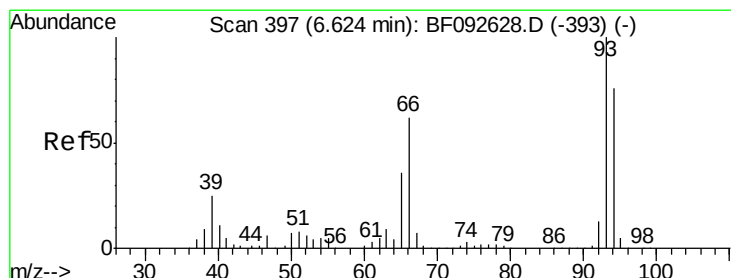
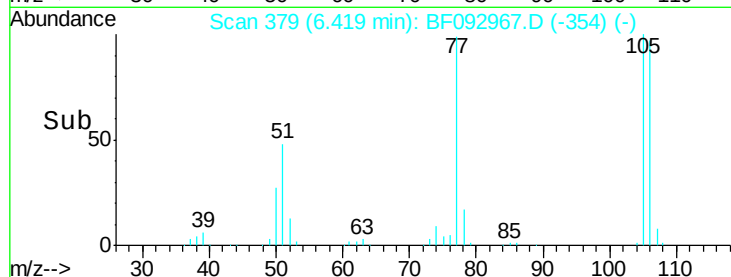
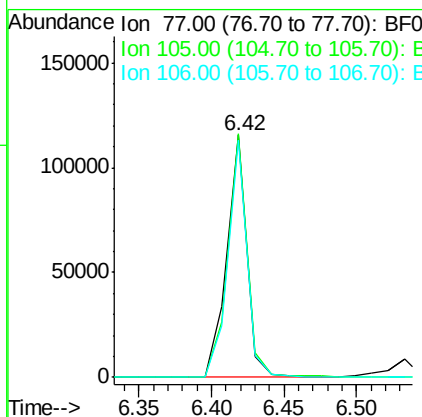
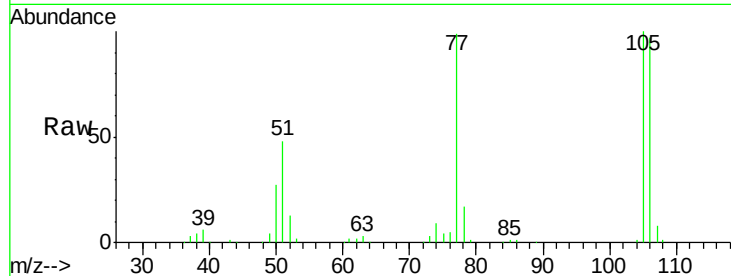
#9
Benzaldehyde
Concen: 14.01 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	100.7	83.9	123.9
106	97.9	77.6	117.6

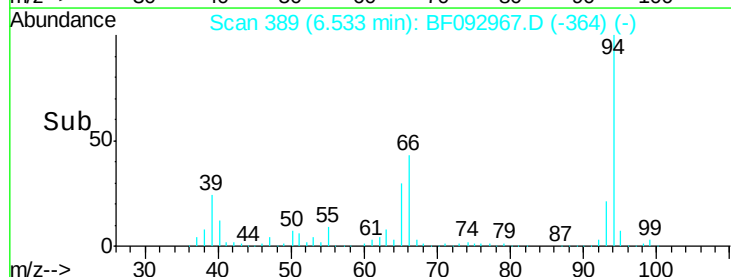
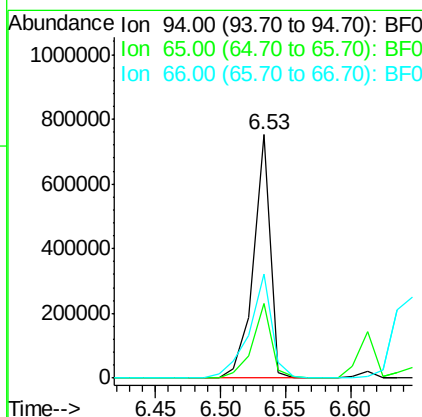
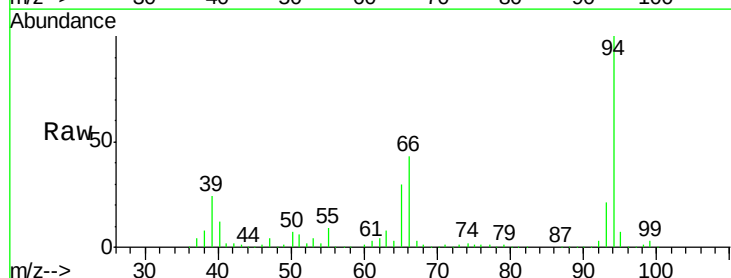
Manual Integrations
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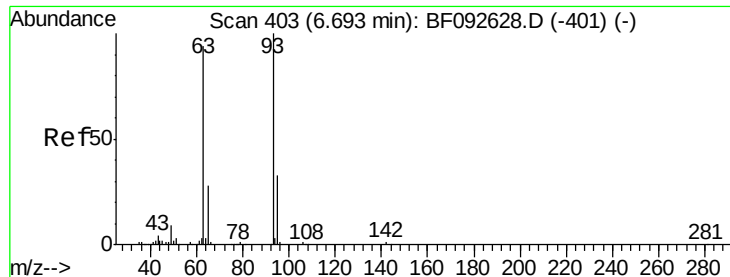
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#10
Phenol
Concen: 52.61 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	21.4	61.4
66	42.6	44.0	84.0#





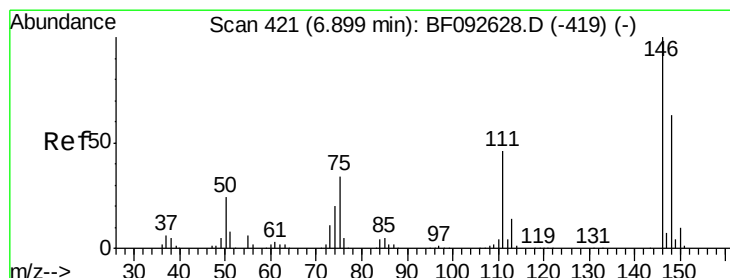
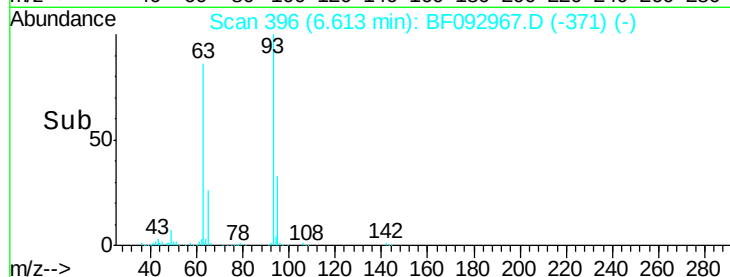
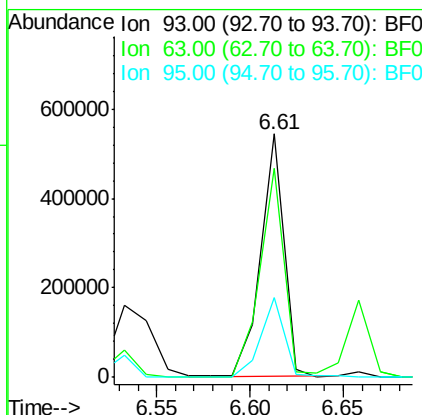
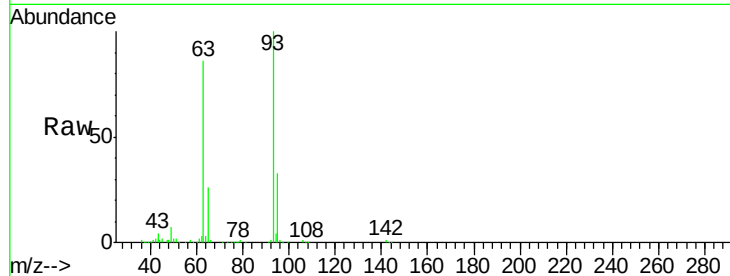
#11
bis(2-Chloroethyl)ether
Concen: 44.77 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.7	60.4	100.4
95	32.7	12.8	52.8

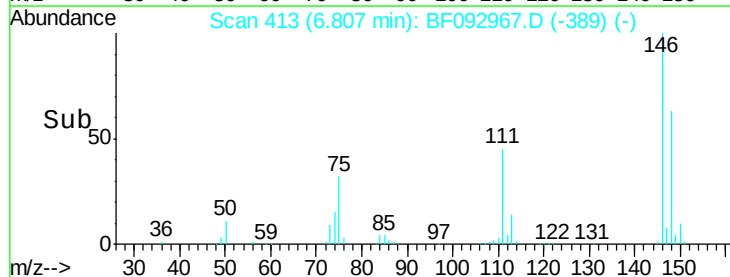
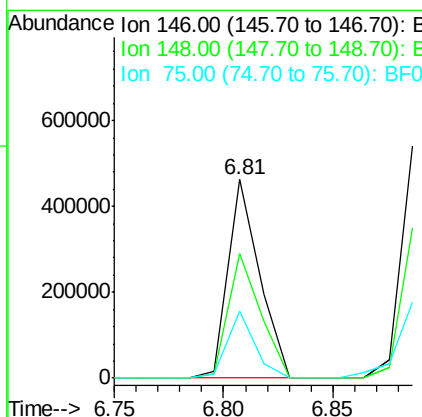
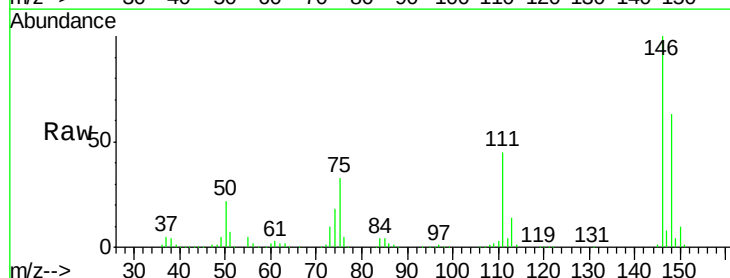
Manual Integrations
APPROVED

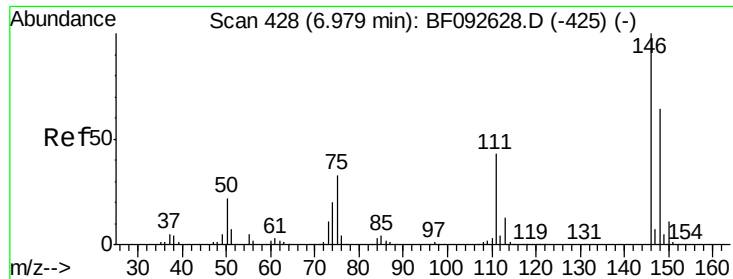
mohammad
2/16/2017 11:38:59 AM



#12
1,3-Dichlorobenzene
Concen: 41.81 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	53.4	80.0
75	33.4	18.5	27.7





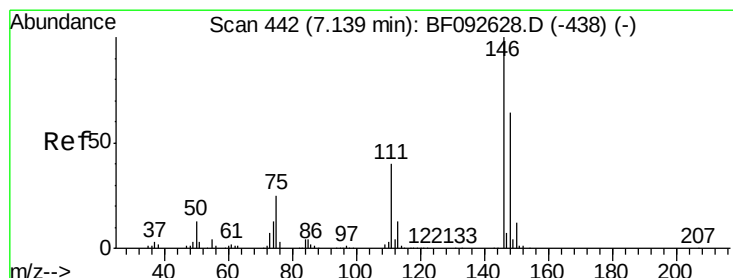
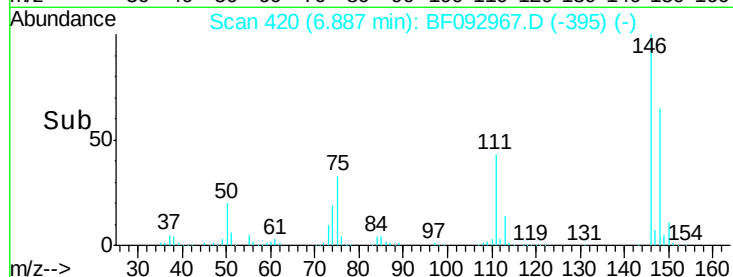
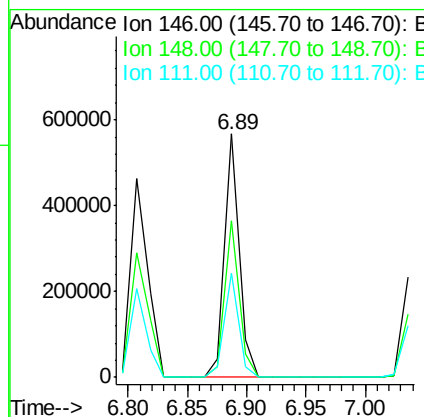
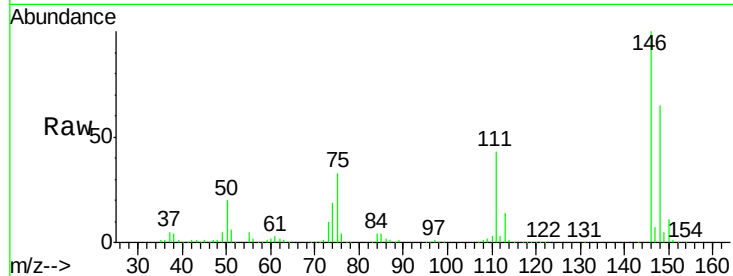
#13
 1,4-Dichlorobenzene
 Concen: 42.94 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	42.5	36.2	54.4

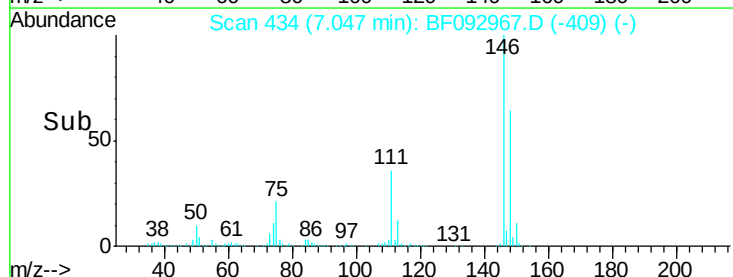
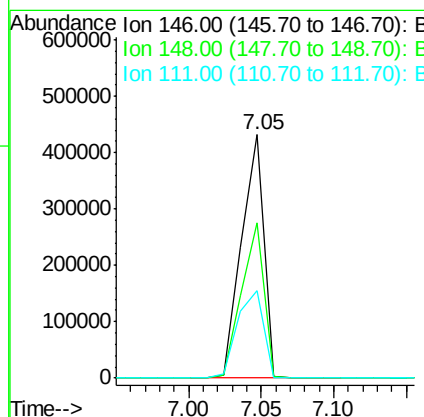
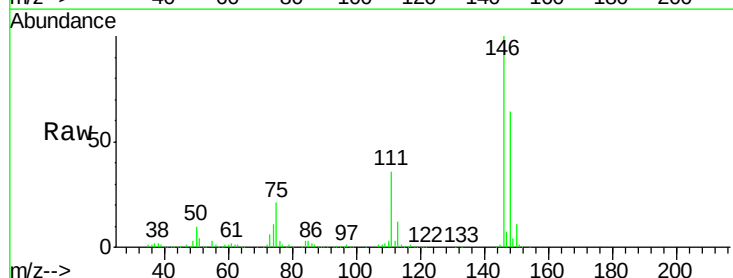
Manual Integrations
 APPROVED

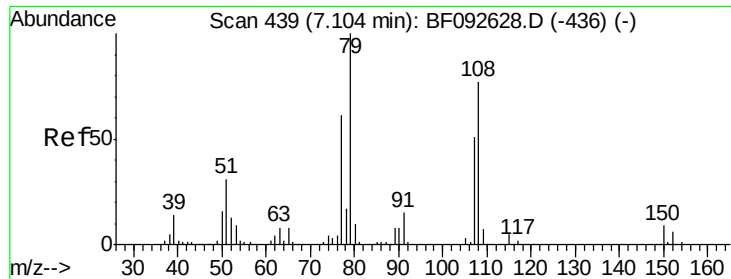
mohammad
 2/16/2017 11:38:59 AM



#14
 1,2-Dichlorobenzene
 Concen: 43.02 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.2	78.2
111	36.2	36.2	54.2





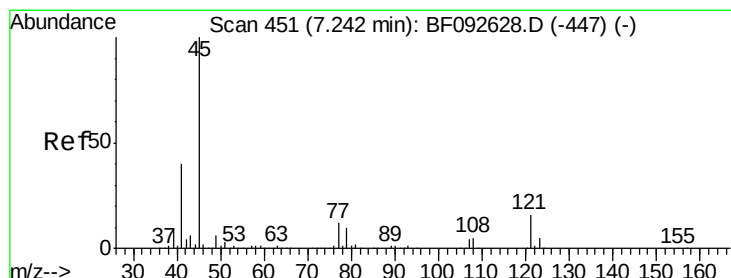
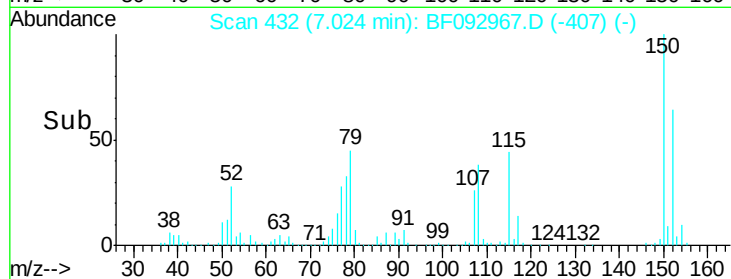
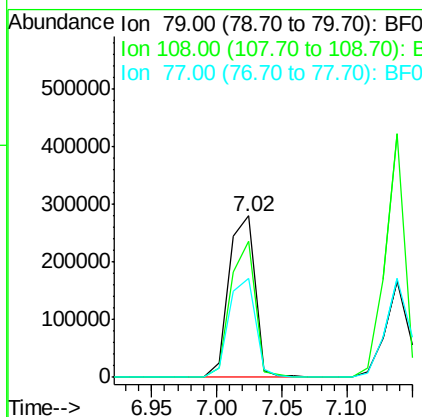
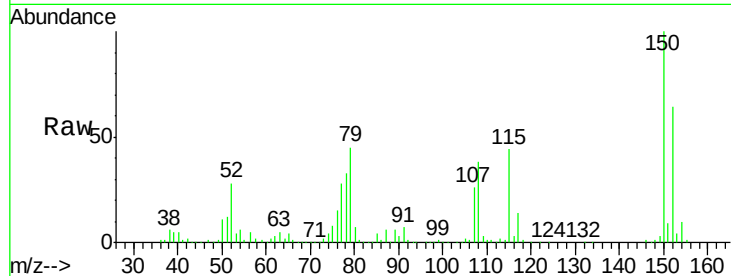
#15
Benzyl Alcohol
Concen: 47.92 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampled :
H-1MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	84.5	61.4	92.0
77	61.4	50.9	76.3

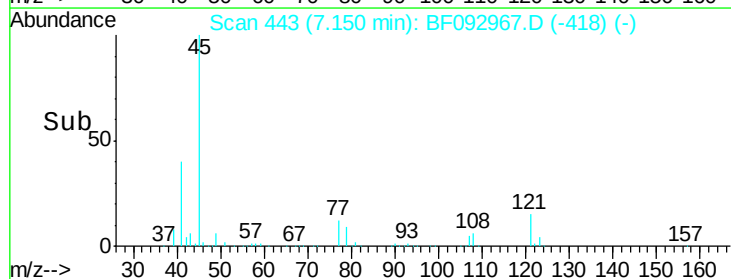
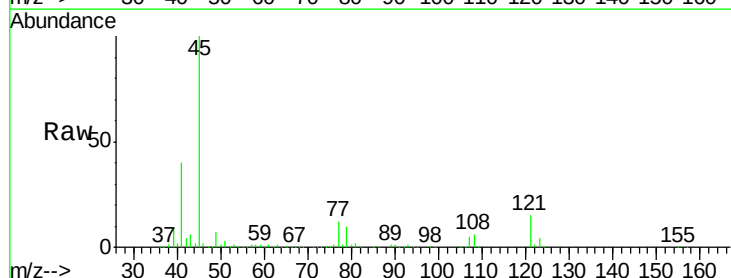
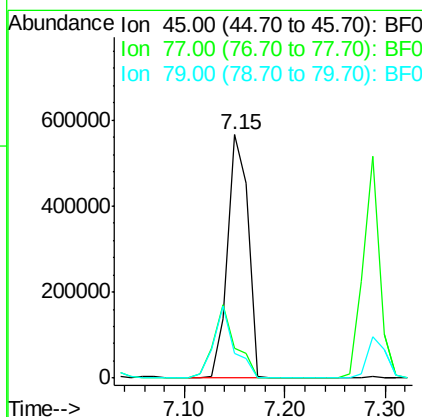
Manual Integrations
APPROVED

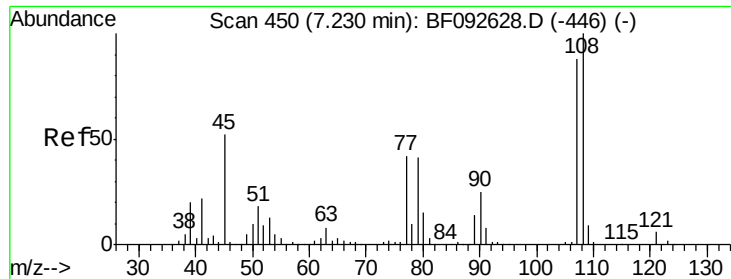
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.77 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	34.6
79	10.0	0.0	31.2





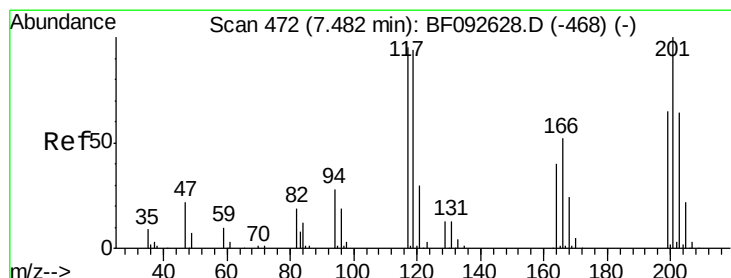
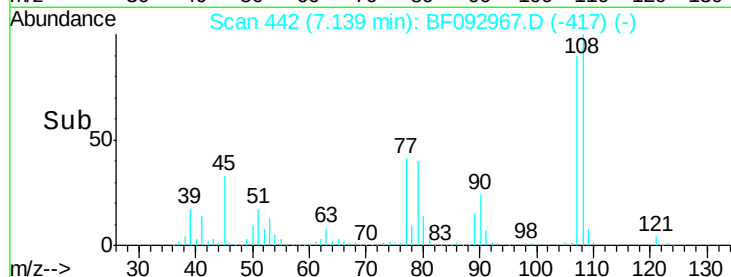
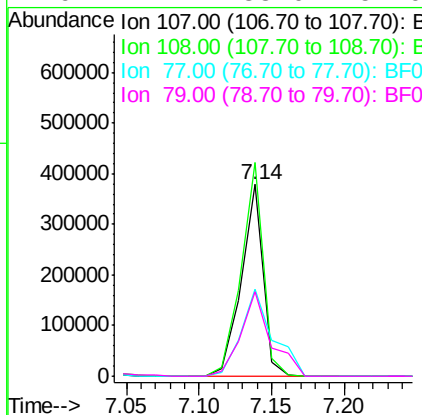
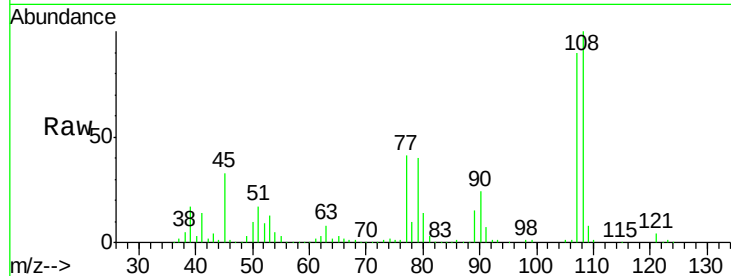
#17
2-Methylphenol
Concen: 48.65 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion:	107	Resp:	395560
Ion Ratio	Lower	Upper	
107	100		
108	111.5	93.0	139.6
77	45.4	39.8	59.8
79	44.2	38.0	57.0

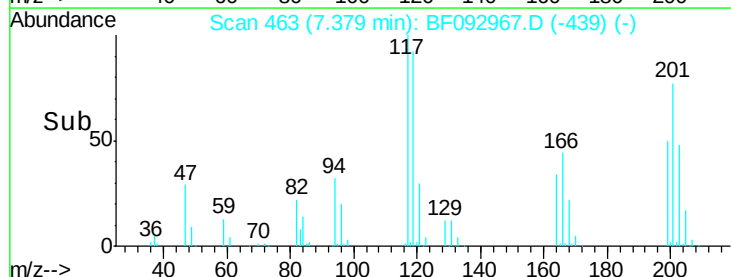
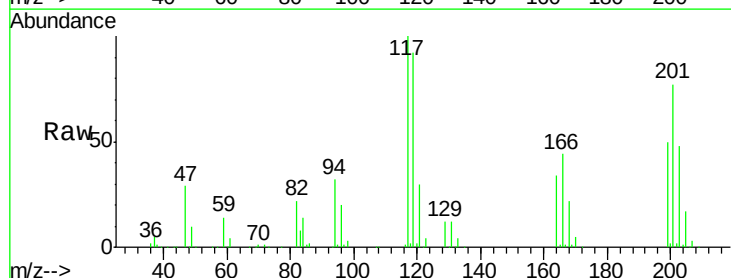
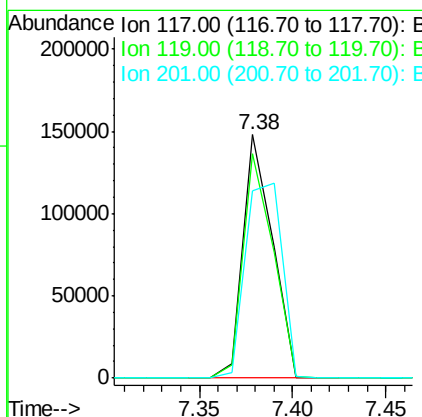
Manual Integrations
APPROVED

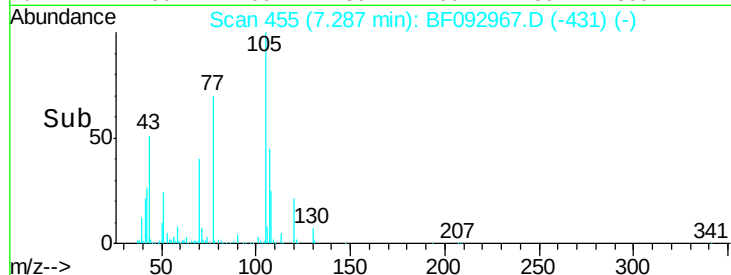
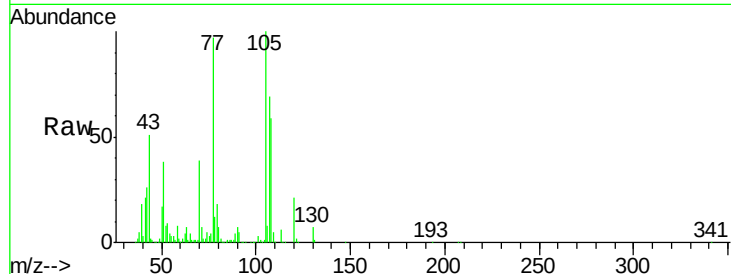
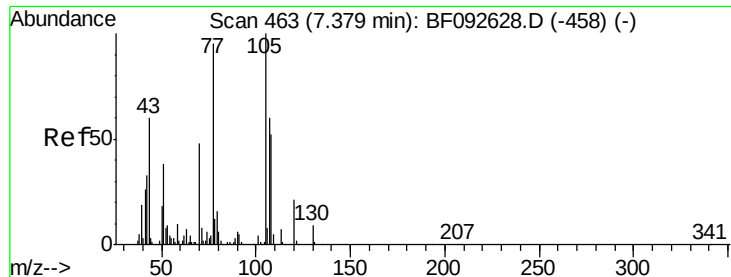
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#18
Hexachloroethane
Concen: 42.40 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:	117	Resp:	162615
Ion Ratio	Lower	Upper	
117	100		
119	92.3	78.1	117.1
201	77.0	78.6	117.8#





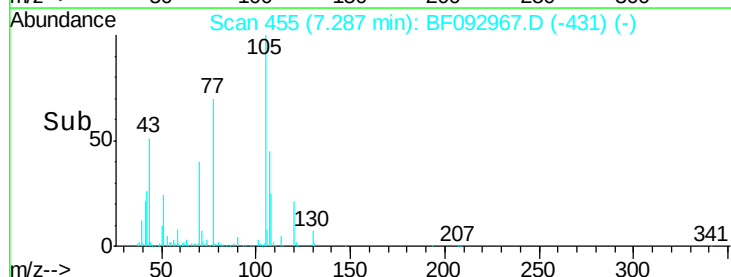
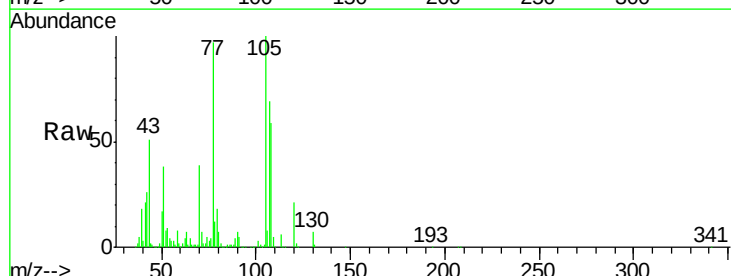
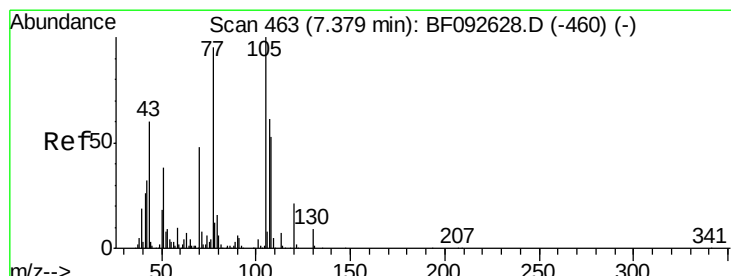
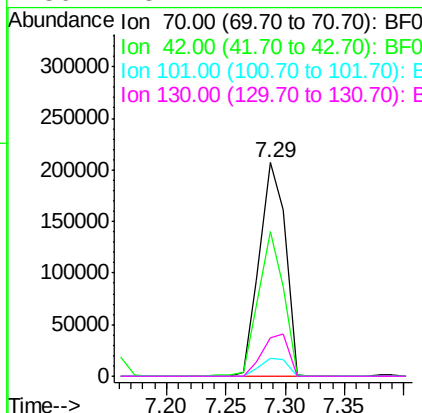
#19
n-Nitroso-di-n-propylamine
Concen: 45.61 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.7	49.4	74.0
101	8.6	7.4	11.2
130	18.1	14.2	21.4

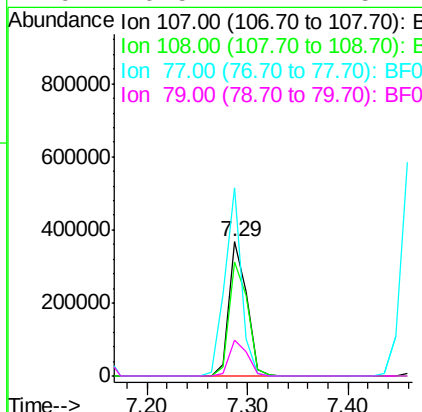
Manual Integrations
APPROVED

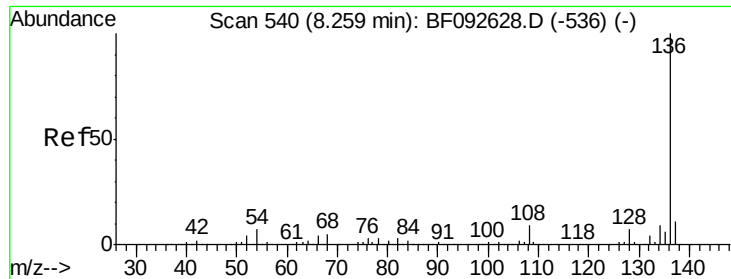
mohammad
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#20
3+4-Methylphenols
Concen: 45.89 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	73.0	113.0
77	140.6	71.3	111.3#
79	26.5	11.1	51.1





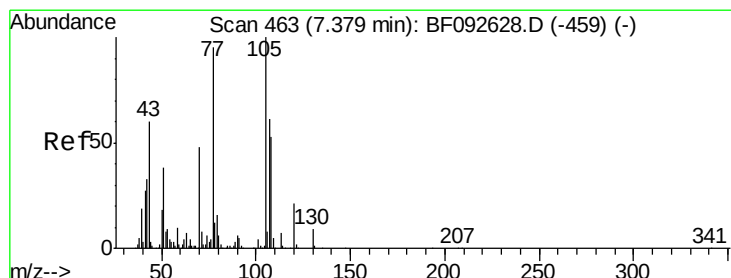
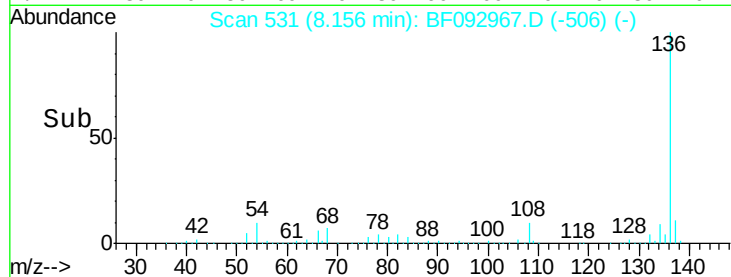
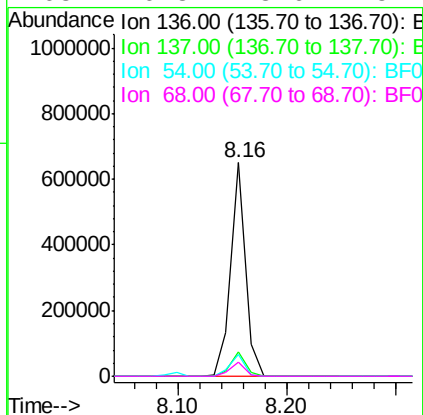
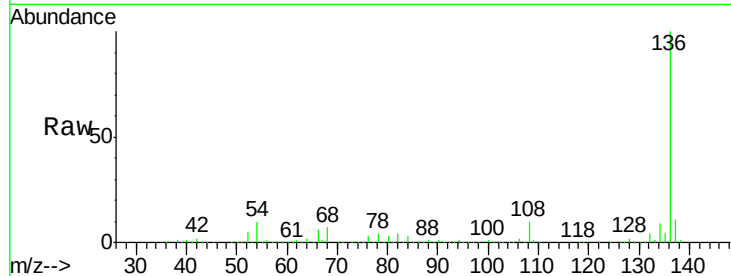
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampled :
H-IMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	607618		
137	11.1	8.4	12.6	
54	10.3	4.5	6.7#	
68	6.8	3.6	5.4#	

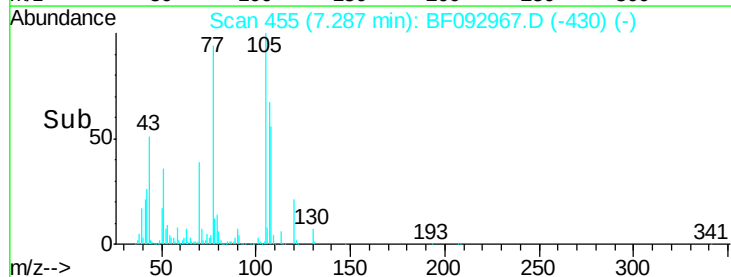
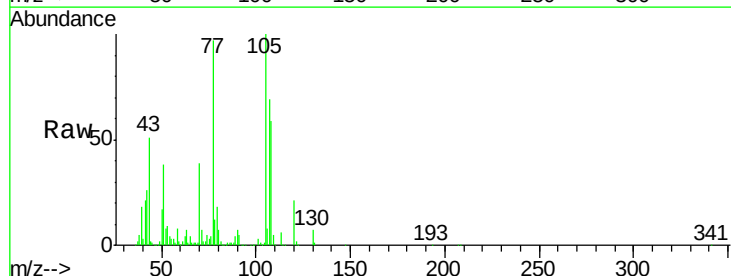
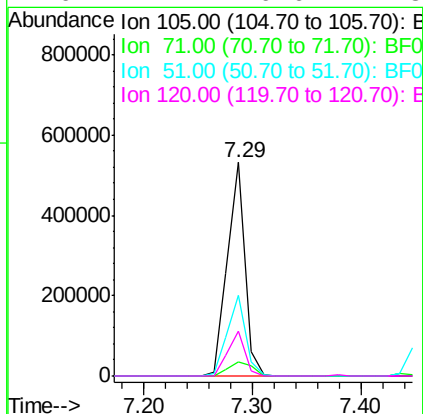
Manual Integrations
APPROVED

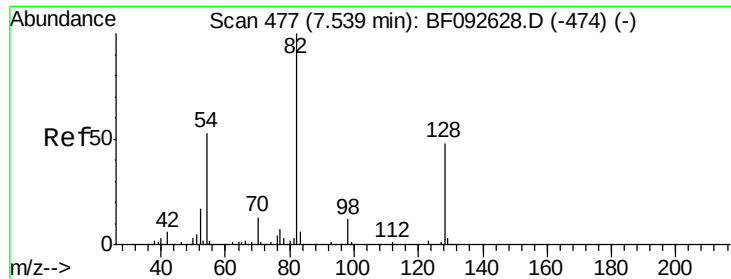
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#22
Acetophenone
Concen: 42.70 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	592431		
71	6.6	3.2	4.8#	
51	37.6	26.2	39.4	
120	21.1	16.6	24.8	





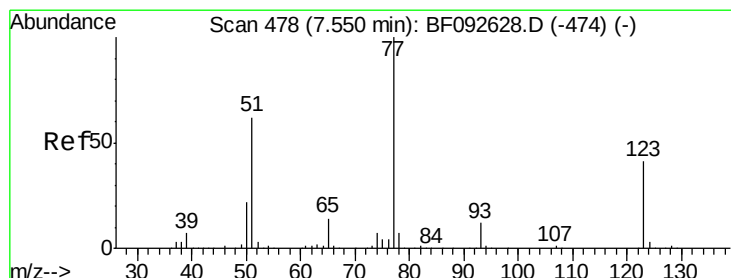
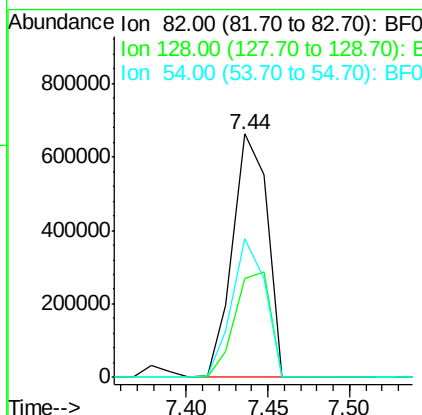
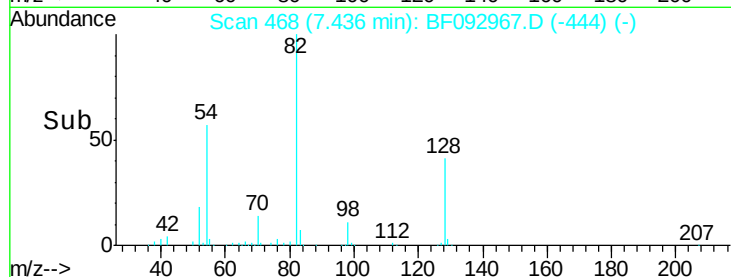
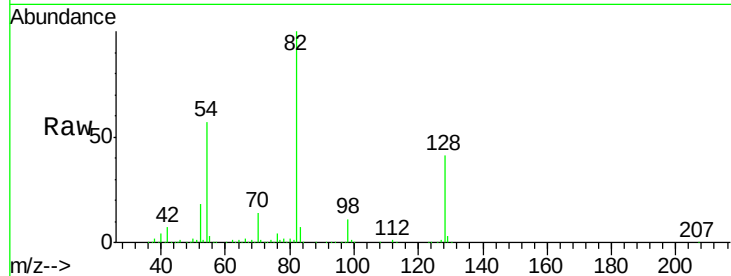
#23
Nitrobenzene-d5
Concen: 89.24 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	973684		
128	40.9	34.6	52.0	
54	56.7	39.5	59.3	

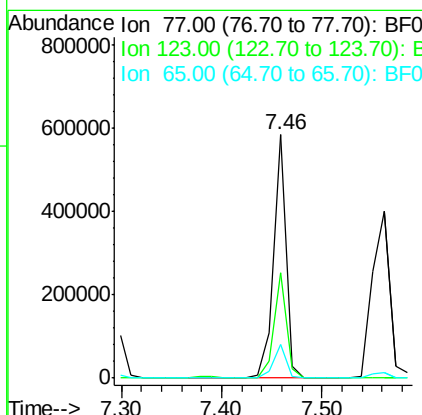
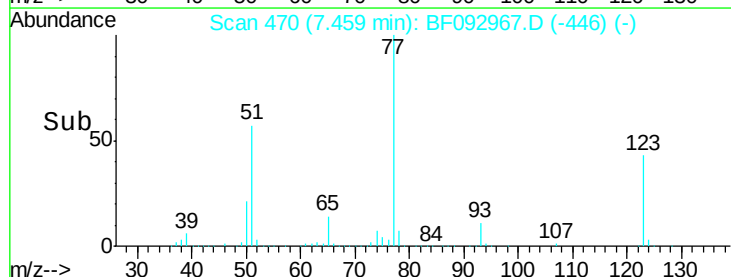
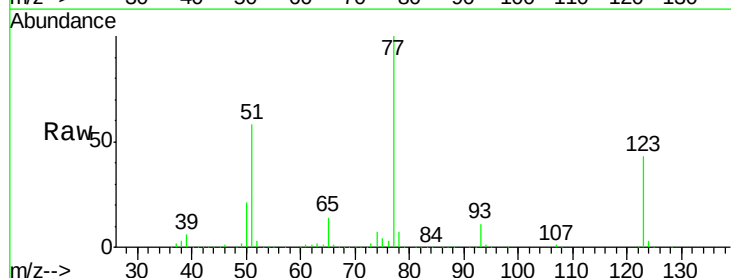
Manual Integrations
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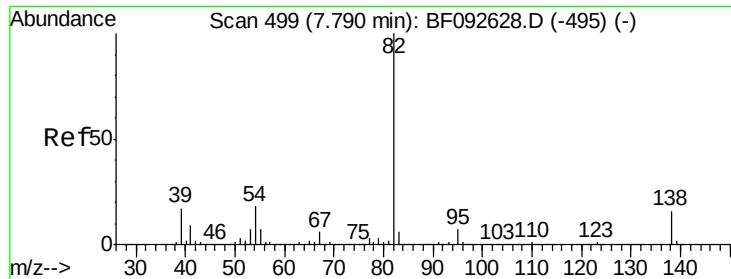
mohammad
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#24
Nitrobenzene
Concen: 44.81 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	502039		
123	43.3	33.0	49.4	
65	13.9	11.2	16.8	





#25

Isophorone

Concen: 45.04 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

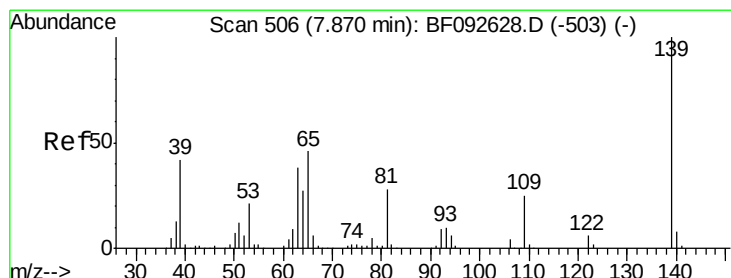
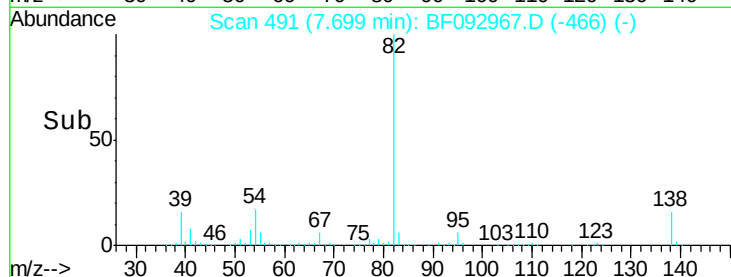
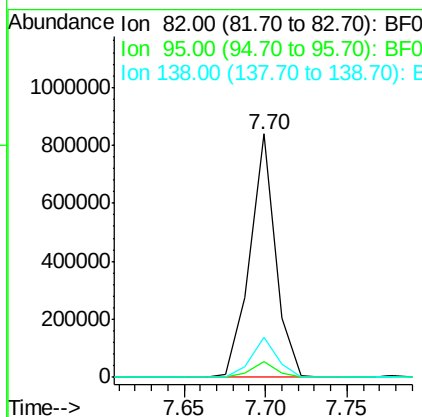
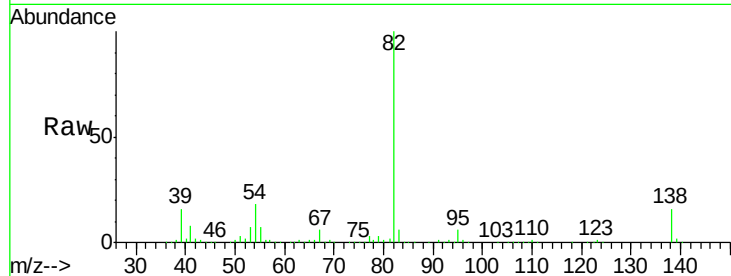
ClientSampled :

H-IMS

Tgt Ion:	82	Resp:	915800
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.6	8.4
138	16.4	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.96 ng

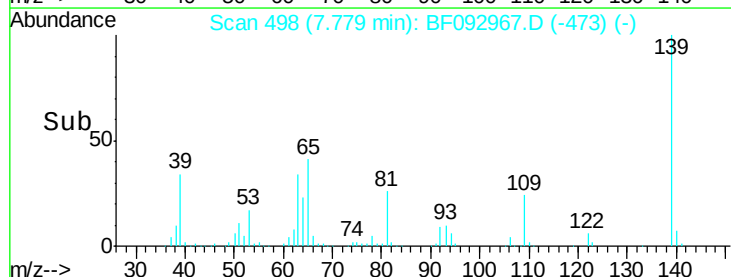
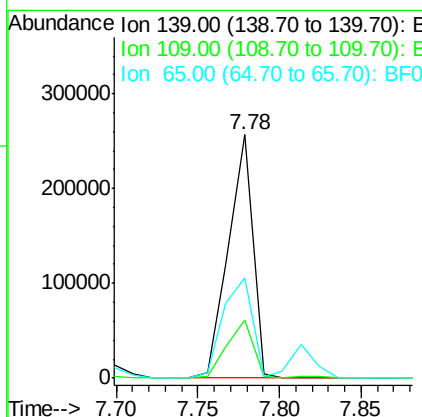
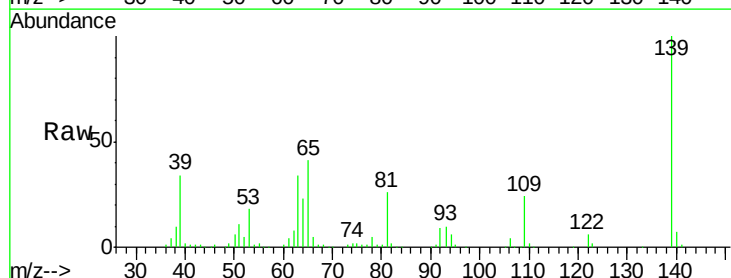
RT: 7.78 min Scan# 498

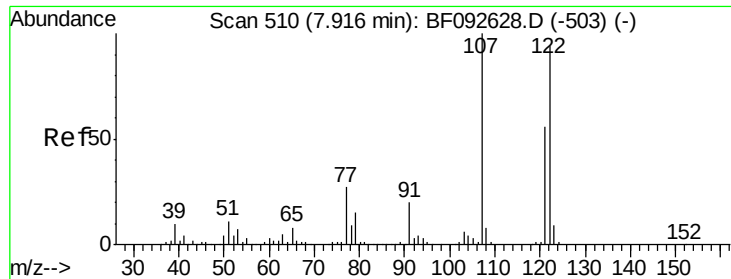
Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion:	139	Resp:	266100
Ion Ratio		Lower	Upper
139	100		
109	23.6	23.3	34.9
65	40.9	42.7	64.1#





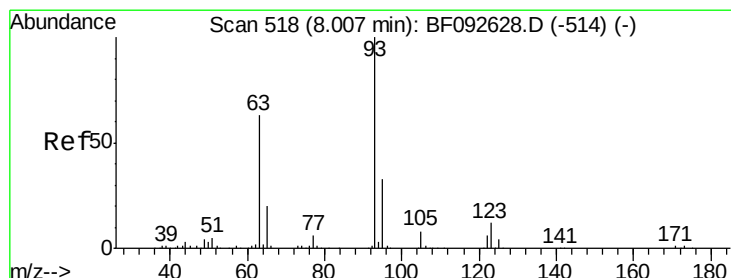
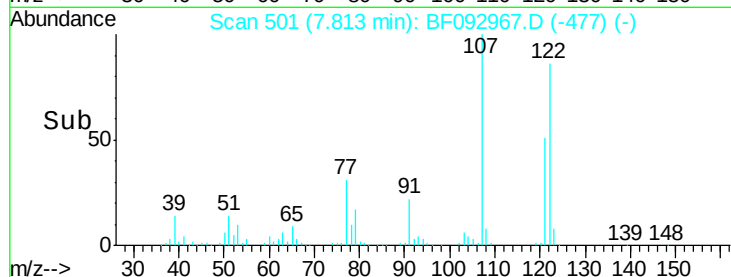
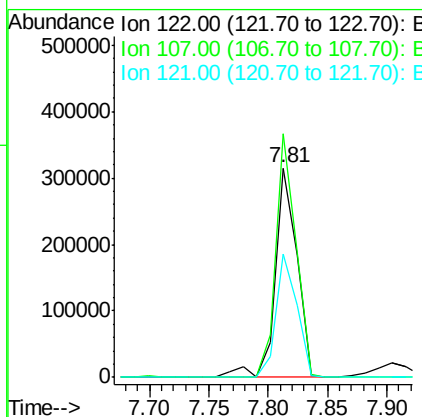
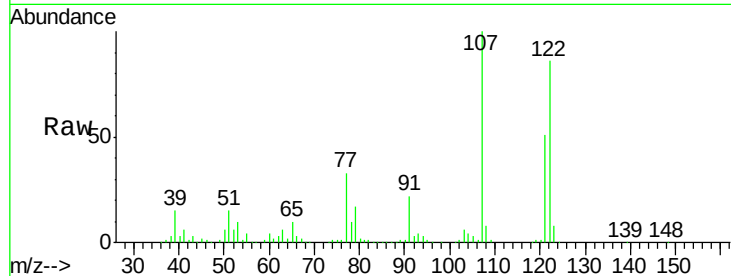
#27
2,4-Dimethylphenol
Concen: 42.78 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampled :
H-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	400125		
107	116.3	94.1	141.1	
121	59.1	46.0	69.0	

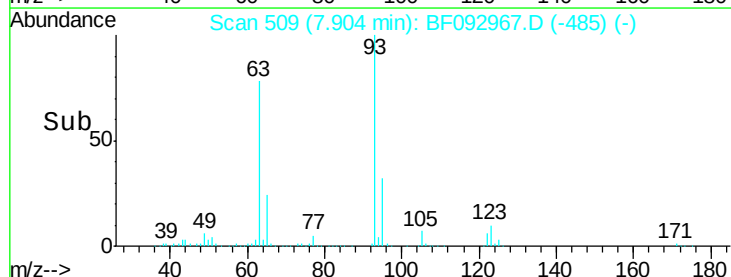
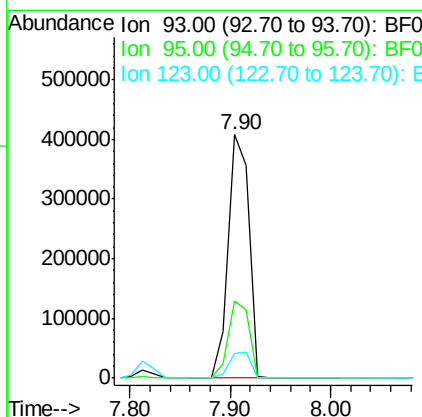
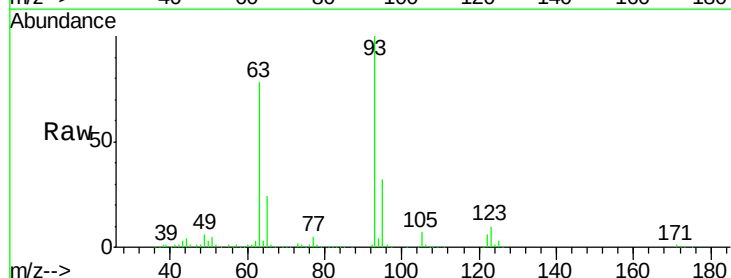
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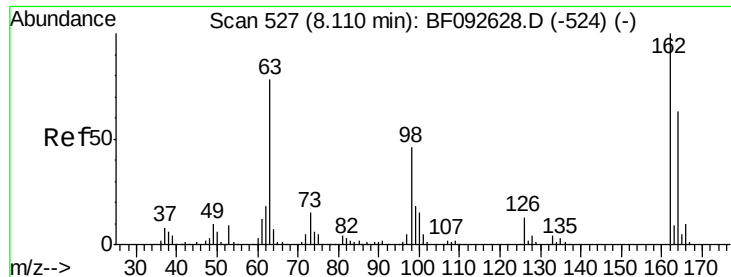
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.14 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	580875		
95	31.9	26.5	39.7	
123	9.9	8.6	13.0	





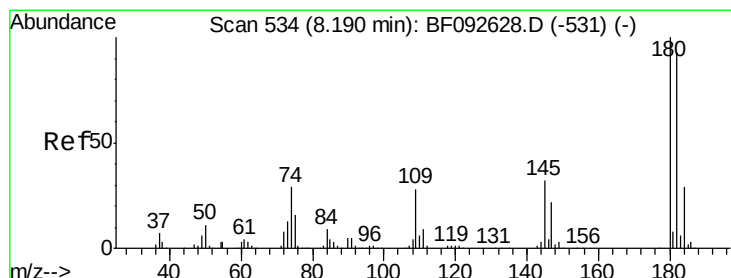
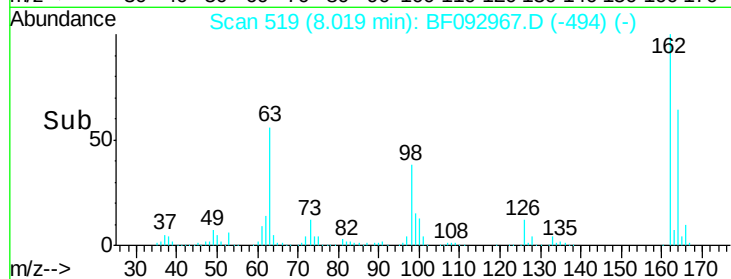
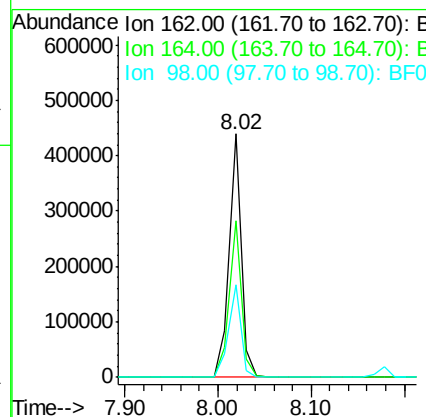
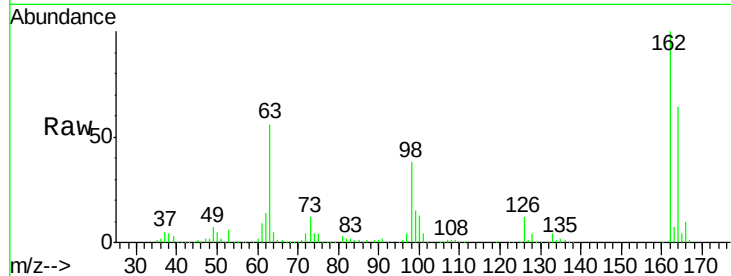
#29
2,4-Dichlorophenol
Concen: 45.79 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	399481		
164	64.2	46.8	86.8	
98	38.0	9.1	49.1	

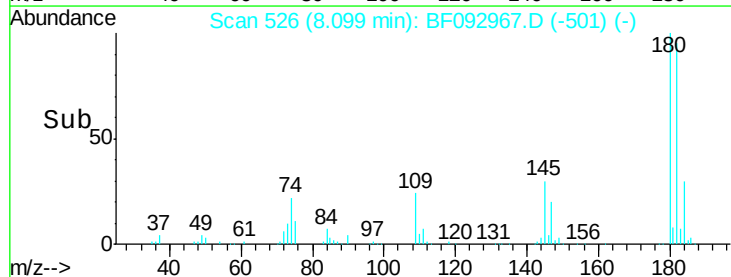
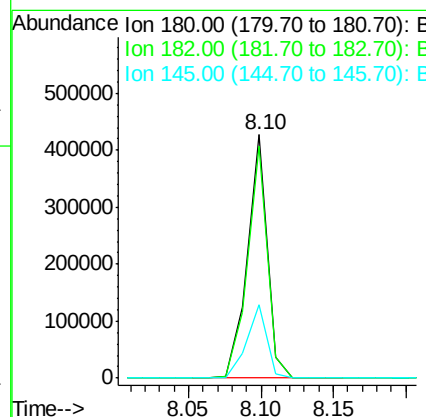
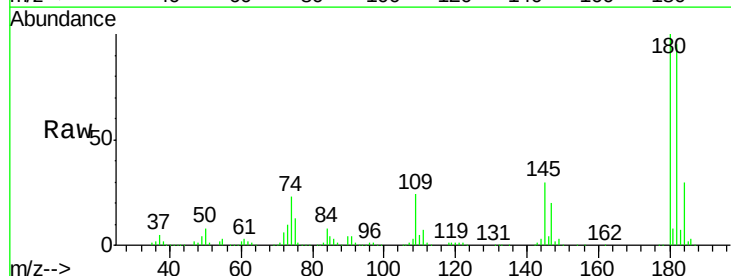
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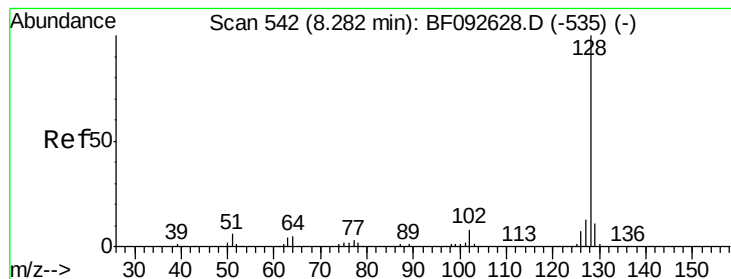
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.31 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	407098		
182	95.4	78.2	117.4	
145	30.0	21.6	32.4	





#31

Naphthalene

Concen: 40.89 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

H-1MS

Tgt Ion:128 Resp: 1259533

Ion Ratio Lower Upper

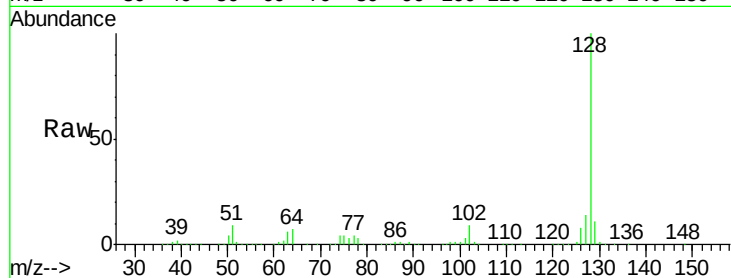
128 100

129 11.3 9.5 14.3

127 13.7 10.8 16.2

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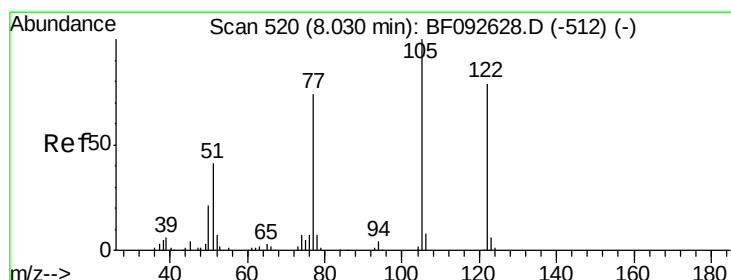
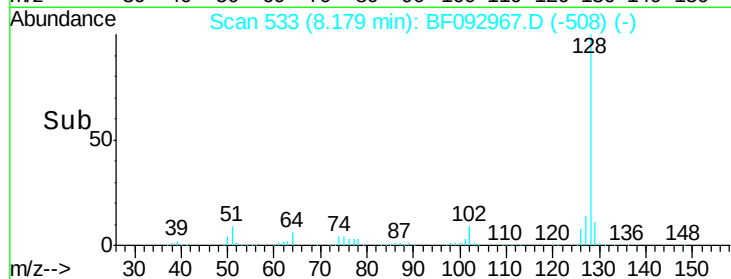
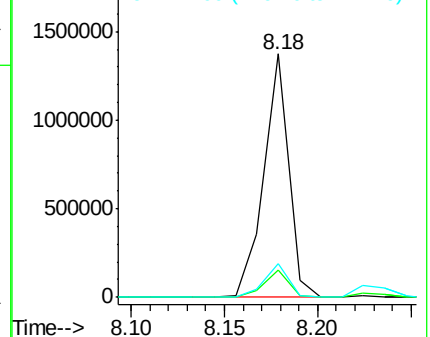
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.56 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.07 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

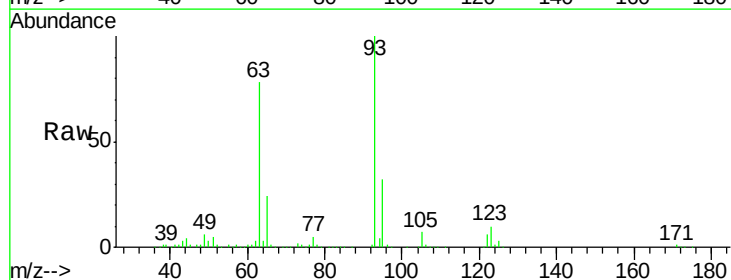
Tgt Ion:122 Resp: 52266

Ion Ratio Lower Upper

122 100

105 131.0 107.2 147.2

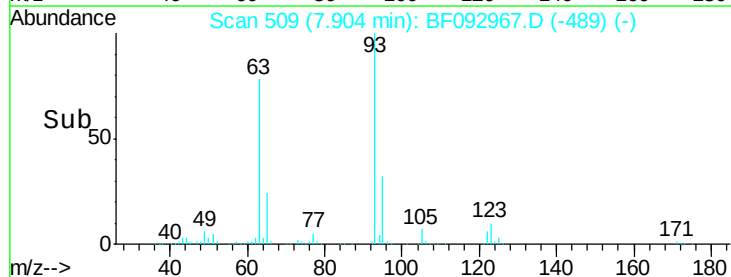
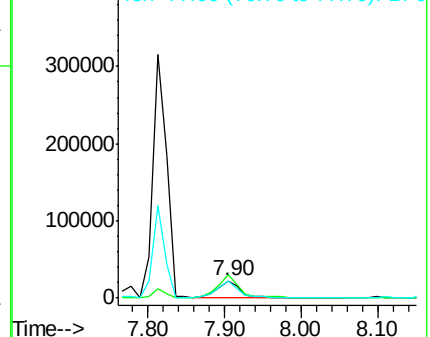
77 96.0 74.5 114.5

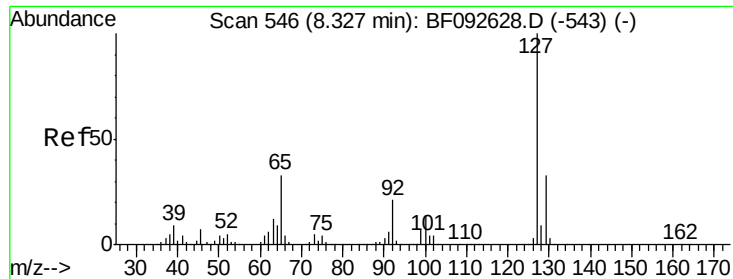


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





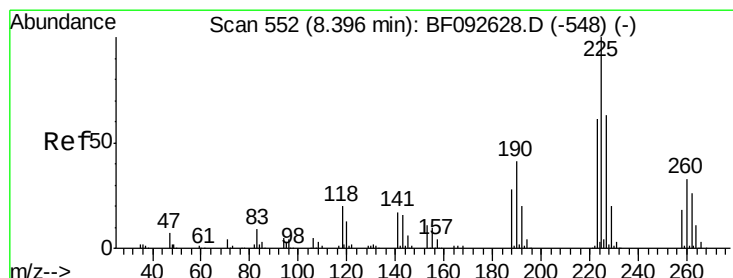
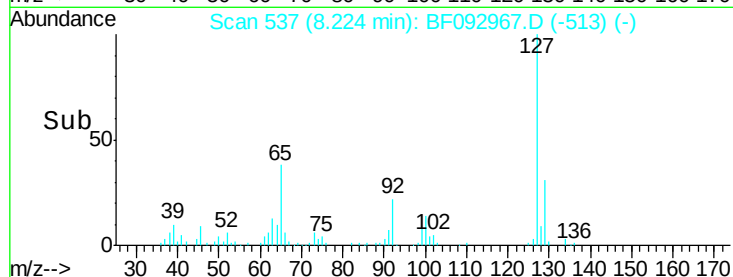
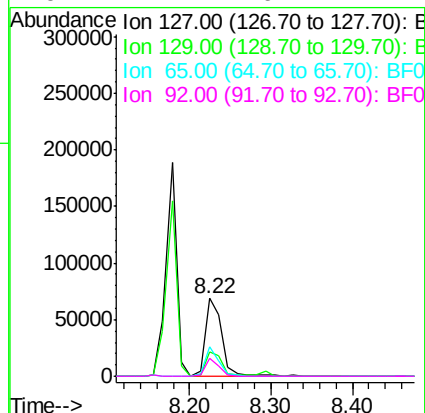
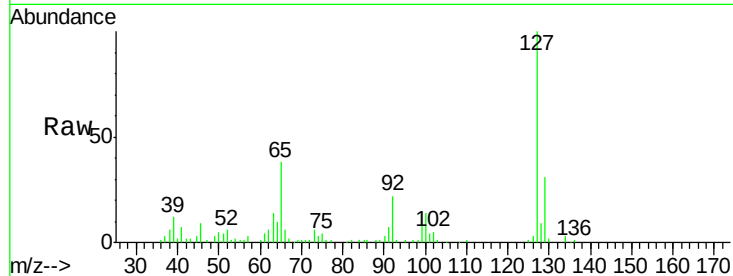
#33
4-Chloroaniline
Concen: 8.14 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampled :
H-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	98387		
129	31.4	26.3	39.5	
65	38.2	25.8	38.8	
92	22.4	16.1	24.1	

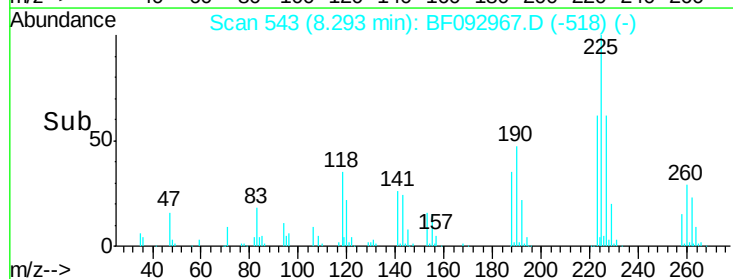
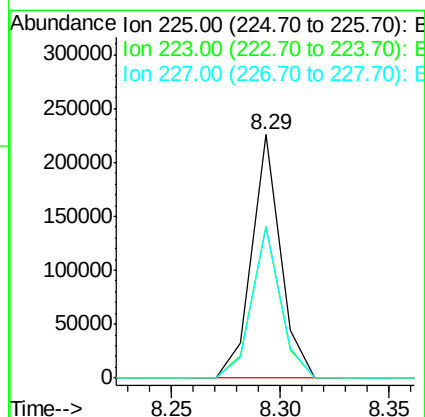
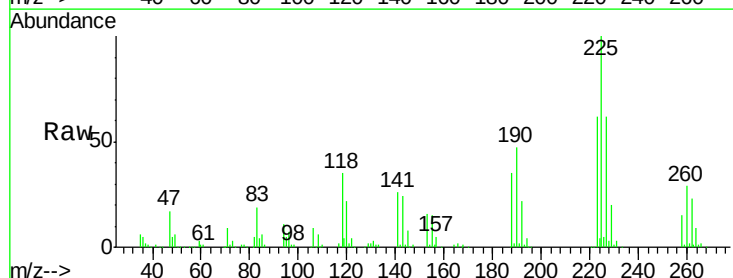
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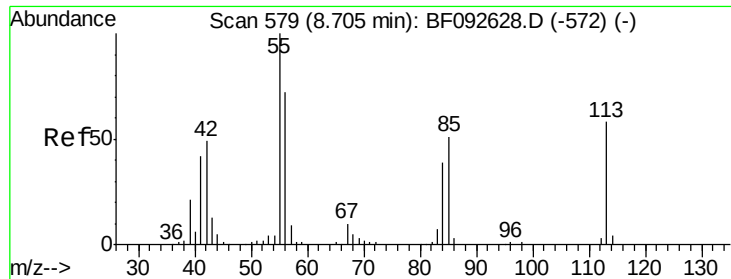
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#34
Hexachlorobutadiene
Concen: 40.05 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	207116		
223	62.1	51.0	76.6	
227	62.3	50.6	76.0	





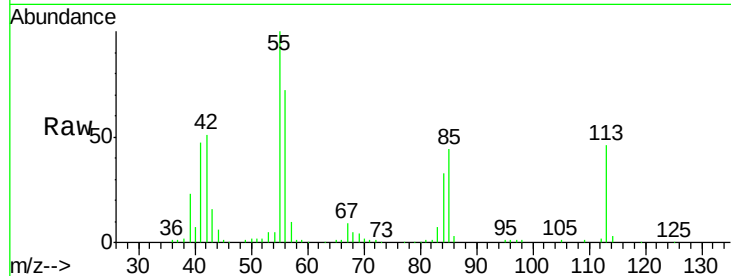
#35
 Caprolactam
 Concen: 44.25 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampled :
 H-1MS

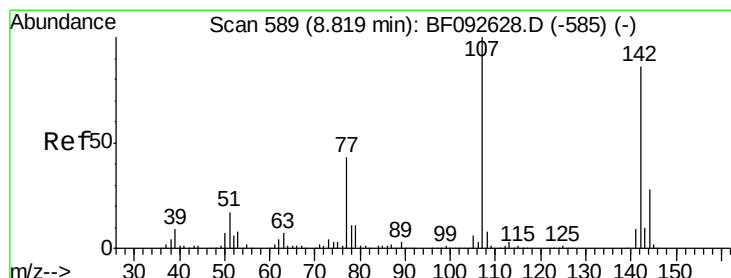
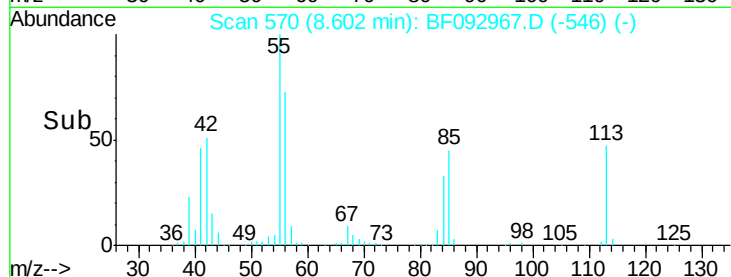
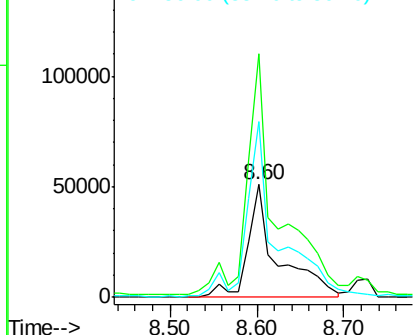
Tgt Ion	Ratio	Lower	Upper
113	100		
55	216.4	119.2	159.2#
56	156.3	83.8	123.8#

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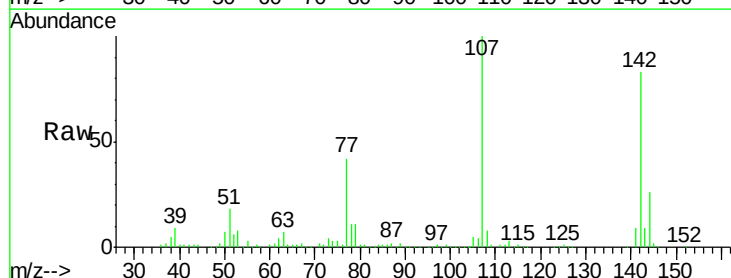


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

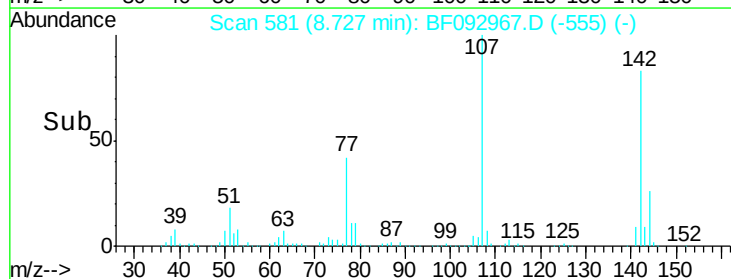
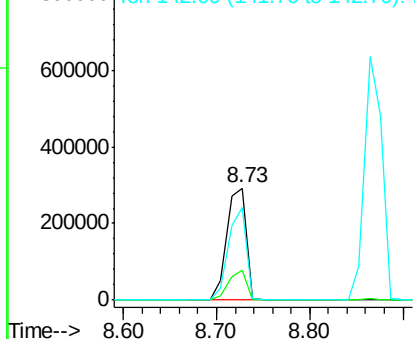


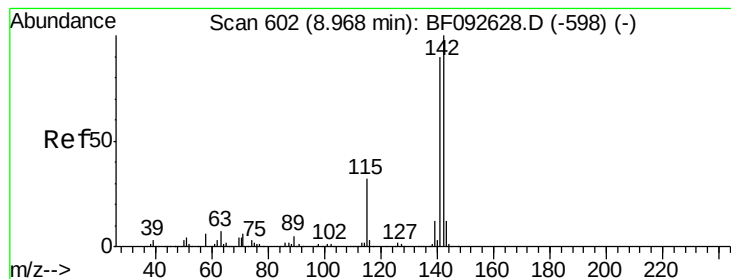
#36
 4-Chloro-3-methylphenol
 Concen: 47.20 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.3	28.9
142	83.1	59.0	88.6



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





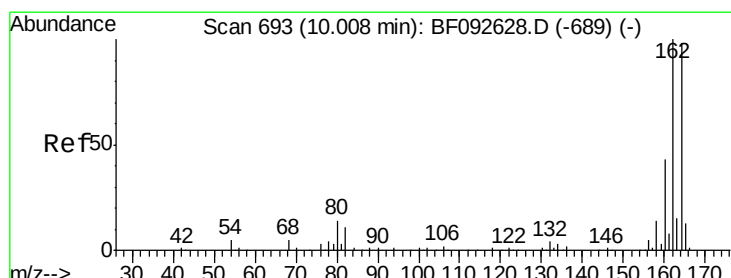
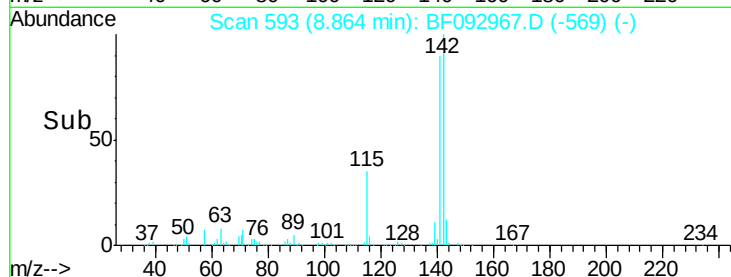
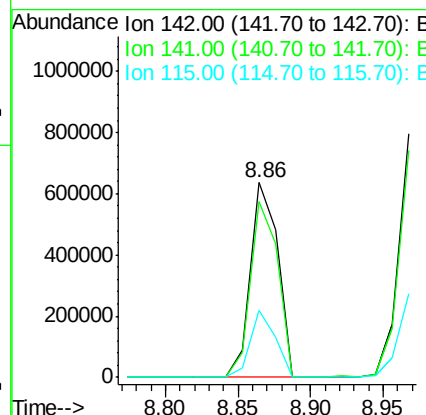
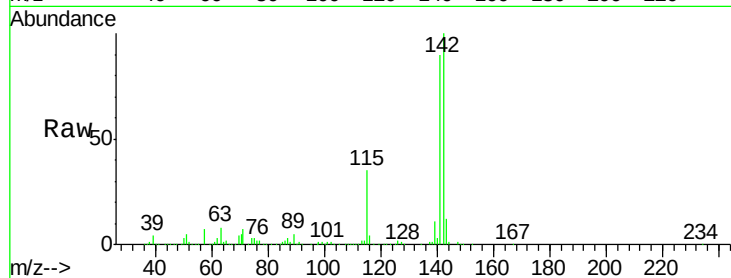
#37
 2-Methylnaphthalene
 Concen: 42.11 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	34.6	28.3	42.5

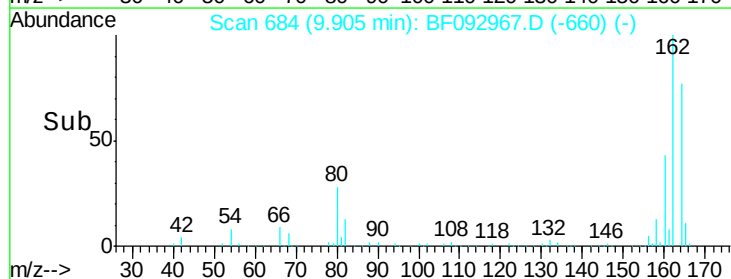
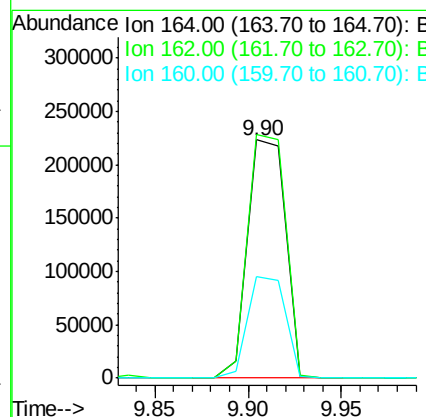
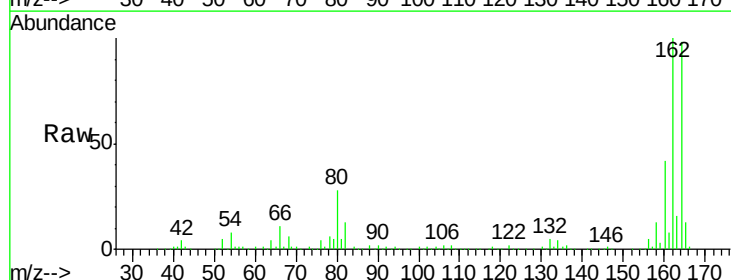
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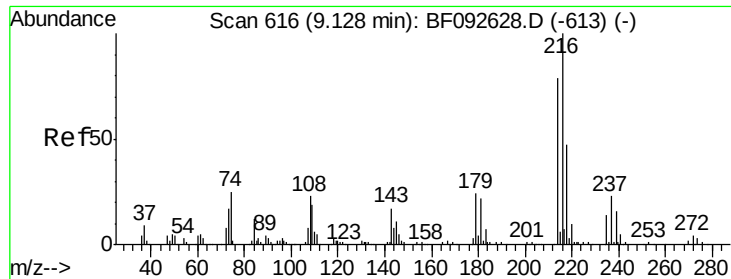
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	42.9	36.9	55.3





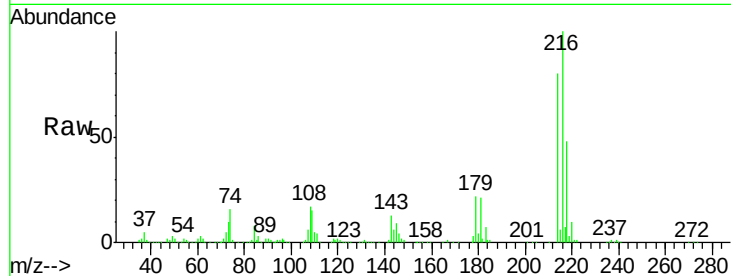
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.42 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

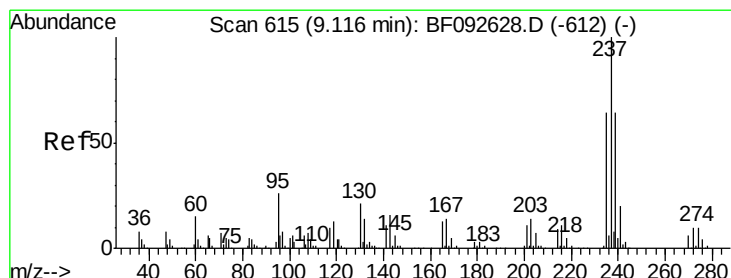
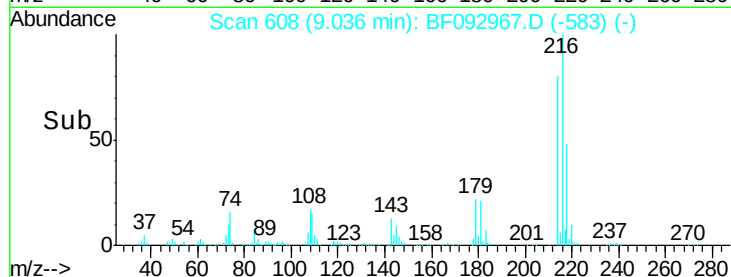
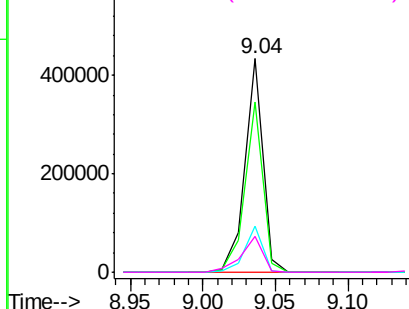
Tgt Ion:	216	Resp:	375352
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.4	95.0
179	21.7	17.4	26.2
108	20.4	15.6	23.4

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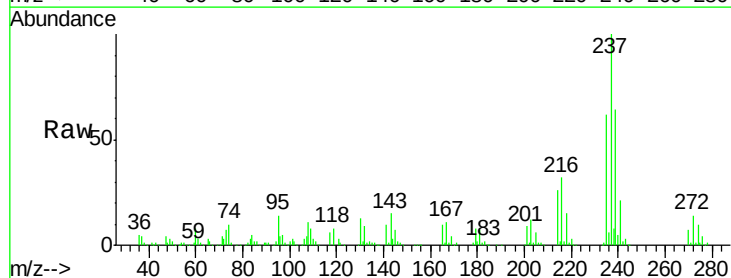


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

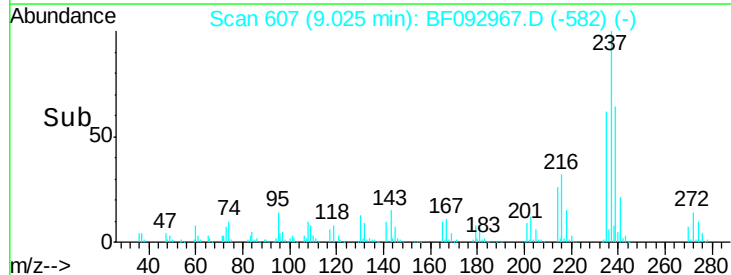
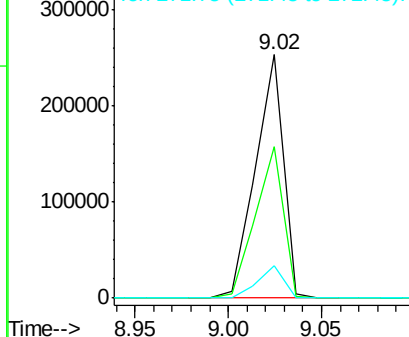


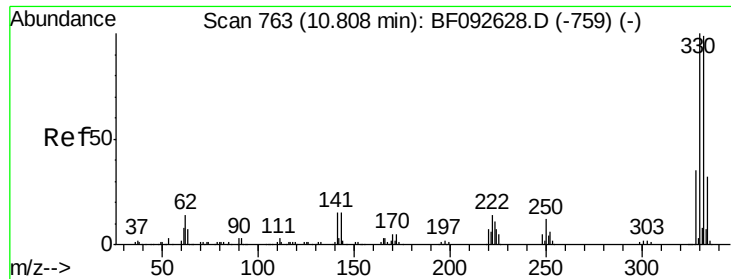
#40
 Hexachlorocyclopentadiene
 Concen: 65.39 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion:	237	Resp:	261057
Ion Ratio	Lower	Upper	
237	100		
235	62.4	41.2	81.2
272	13.5	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





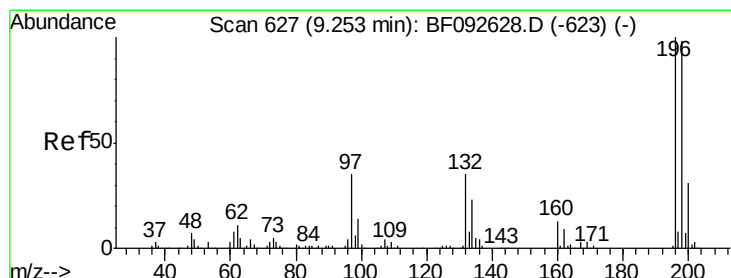
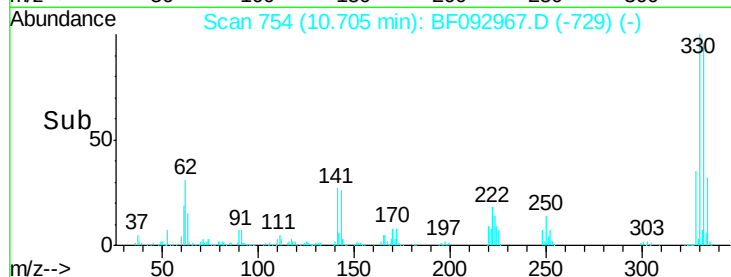
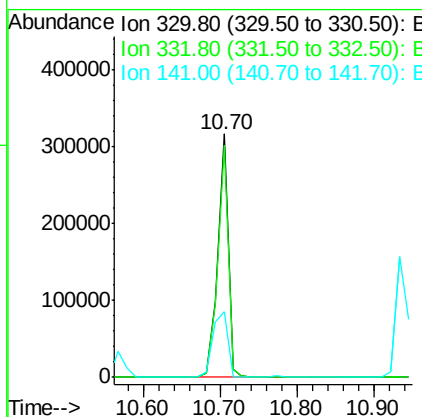
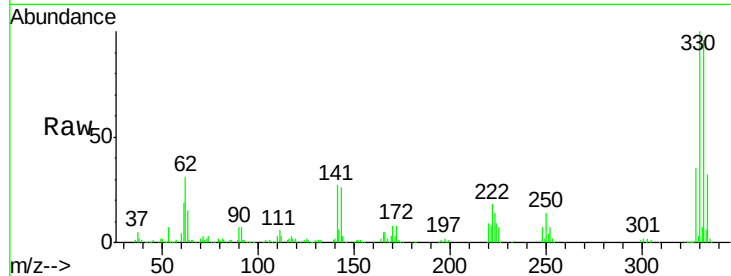
#41
 2,4,6-Tribromophenol
 Concen: 131.85 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	300619		
332	95.6		77.4	116.2
141	38.0		34.1	51.1

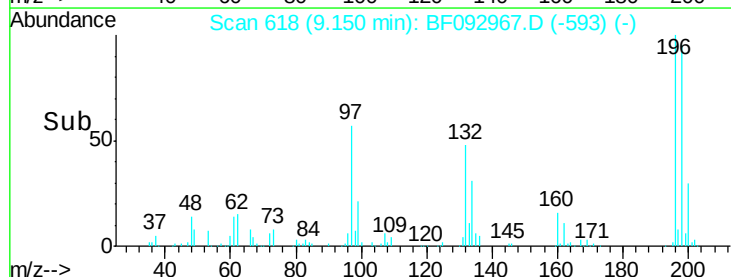
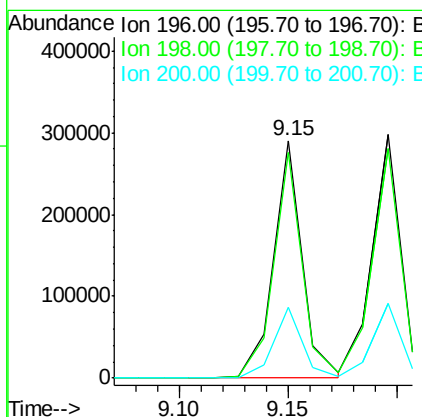
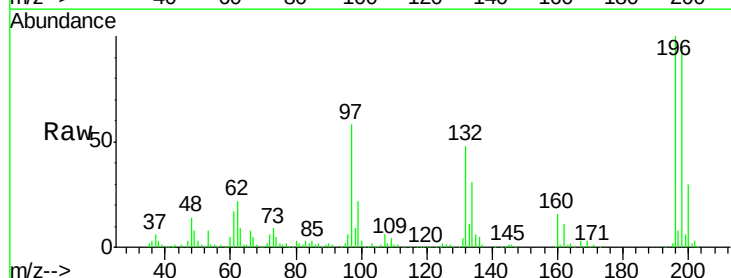
Manual Integrations
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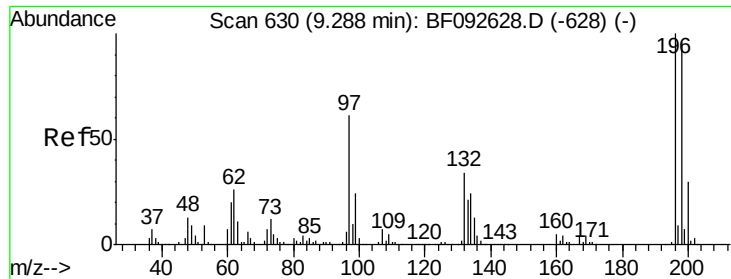
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#42
 2,4,6-Trichlorophenol
 Concen: 46.46 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270179		
198	94.9		82.1	123.1
200	29.9		27.0	40.4





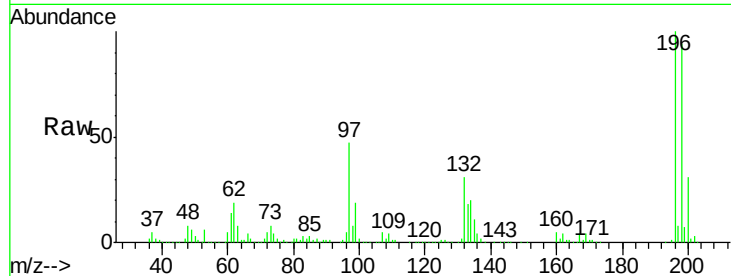
#43
2,4,5-Trichlorophenol
Concen: 43.38 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

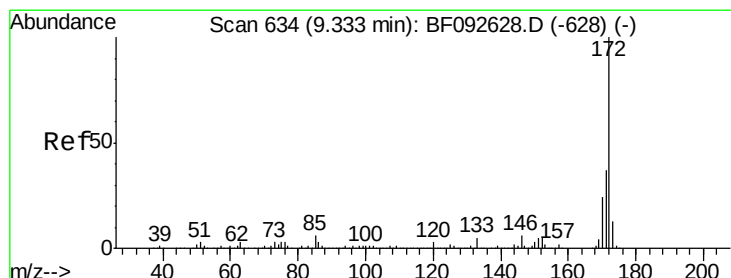
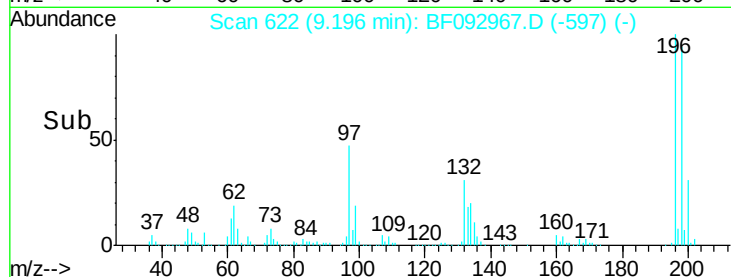
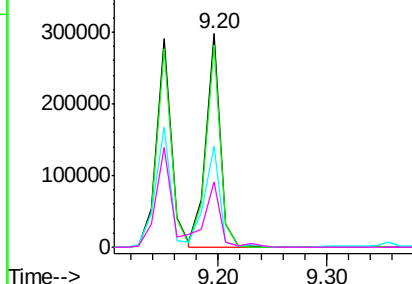
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	276406		
198	94.4	79.4	119.2	
97	47.3	51.5	77.3#	
132	30.8	27.4	41.2	

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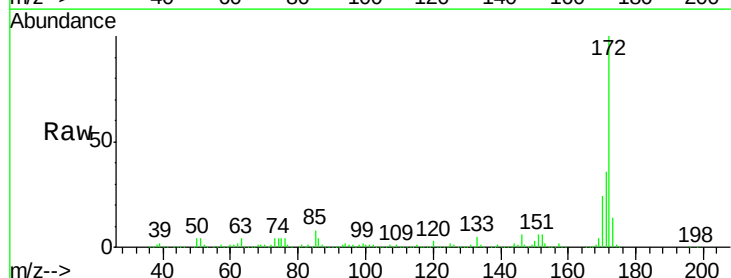


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

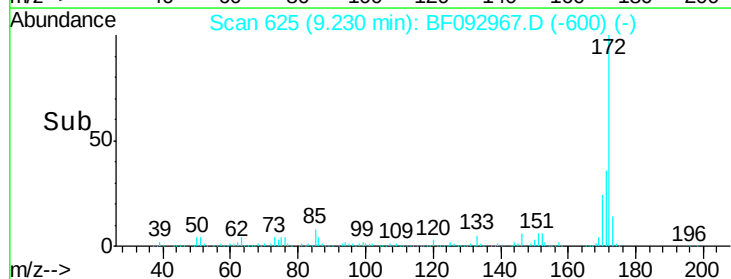
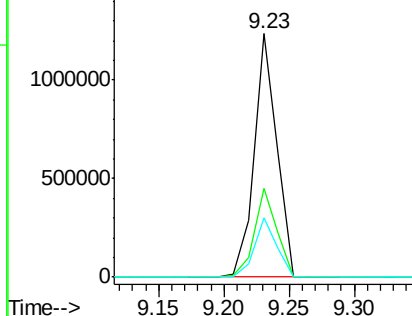


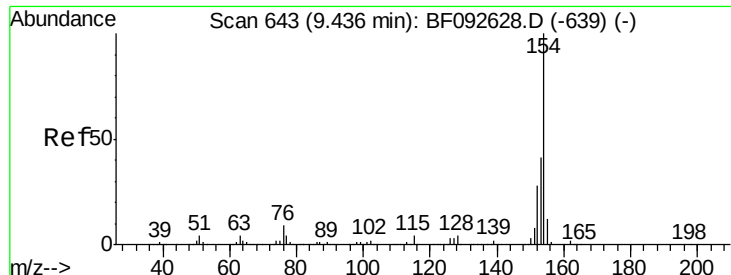
#44
2-Fluorobiphenyl
Concen: 85.77 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1492506		
171	36.4	29.4	44.0	
170	24.3	20.2	30.4	



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





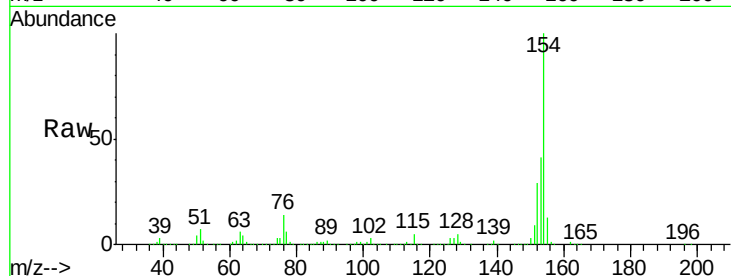
#45
 1,1'-Biphenyl
 Concen: 42.74 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

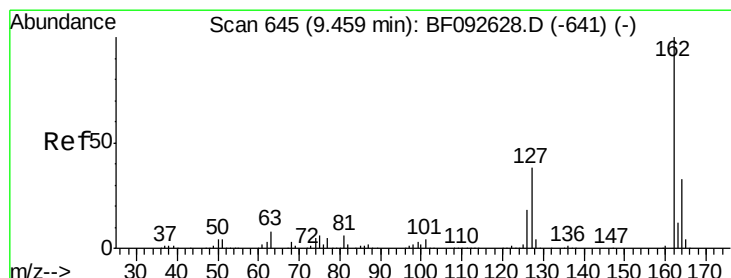
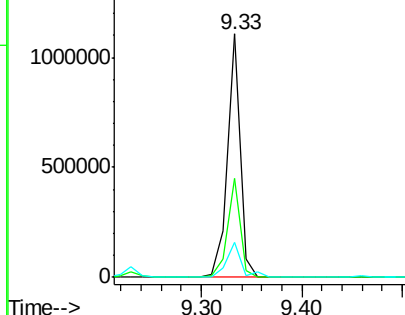
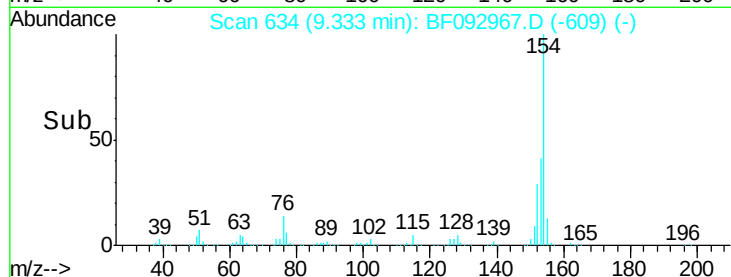
Tgt Ion:	154	Resp:	975584
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.9	60.9
76	14.5	0.0	30.5

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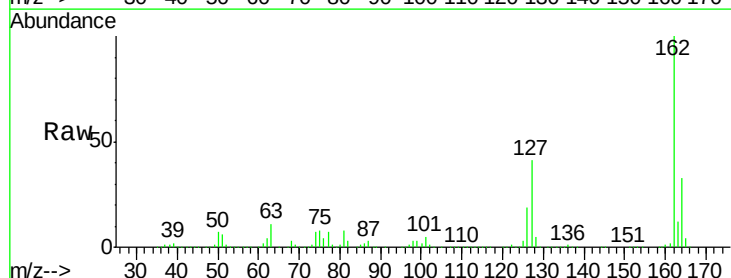


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

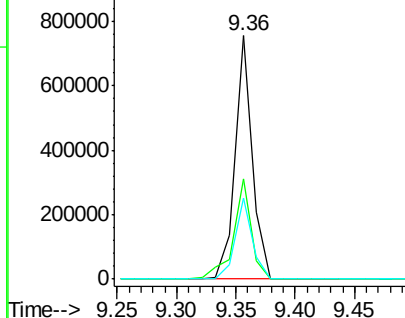
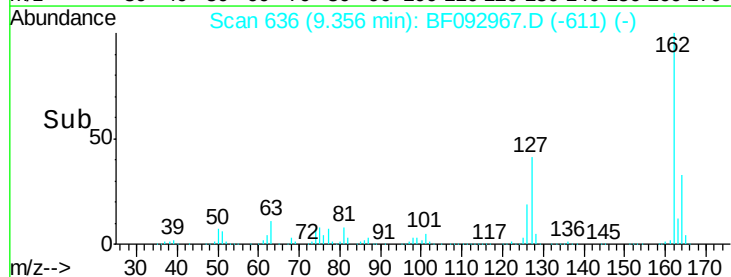


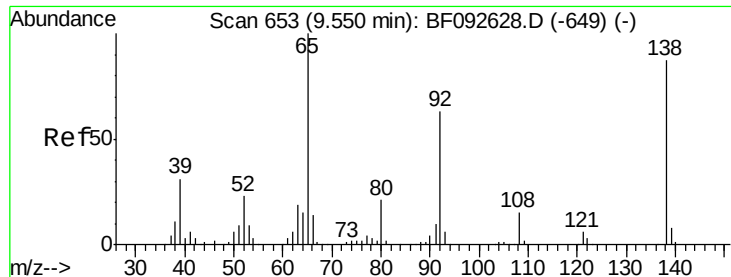
#46
 2-Chloronaphthalene
 Concen: 42.52 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion:	162	Resp:	759214
Ion Ratio	Lower	Upper	
162	100		
127	41.3	30.7	46.1
164	33.4	27.6	41.4



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





#47

2-Nitroaniline

Concen: 47.47 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

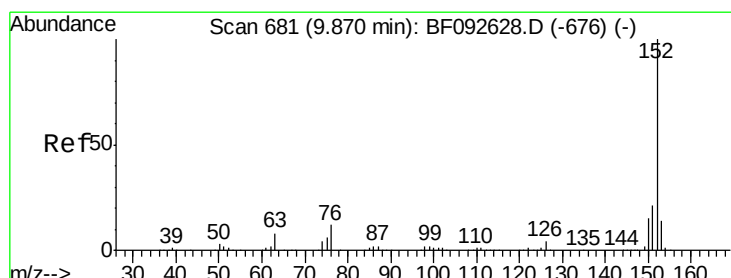
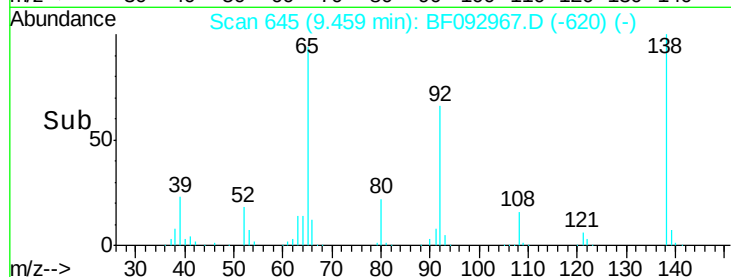
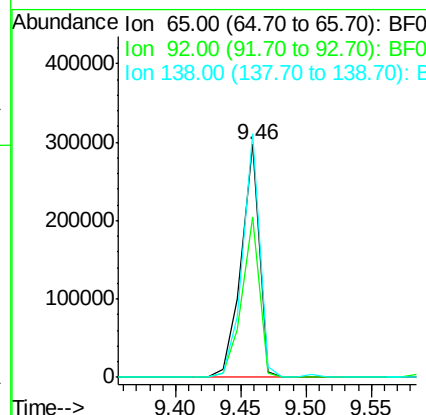
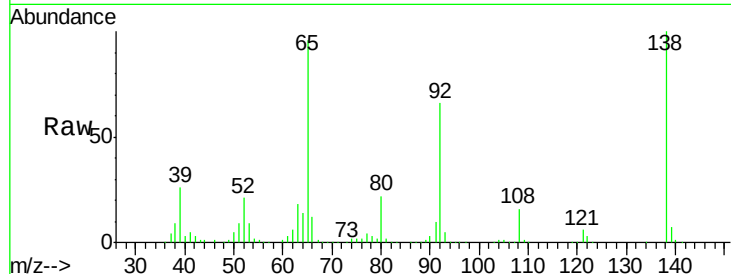
ClientSampleId :

H-1MS

Tgt Ion:	65	Resp:	285004
Ion Ratio	Lower	Upper	
65	100		
92	69.0	53.9	80.9
138	104.6	76.8	115.2

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#48

Acenaphthylene

Concen: 40.91 ng

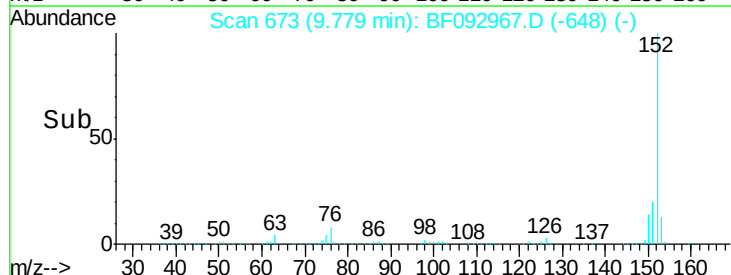
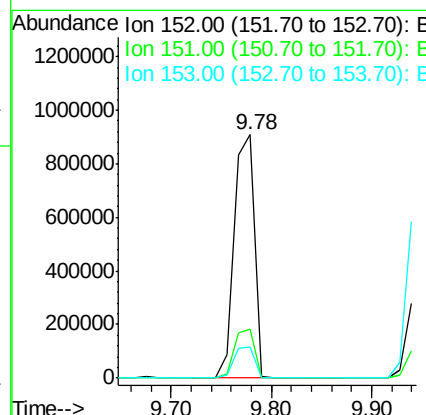
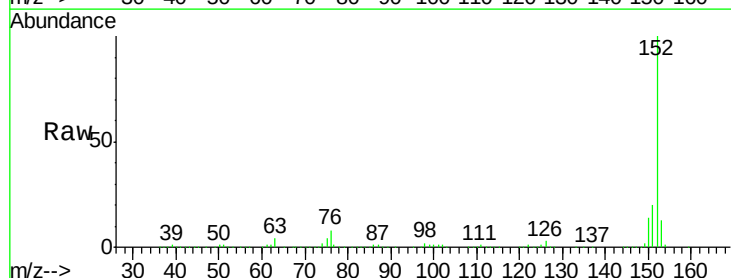
RT: 9.78 min Scan# 673

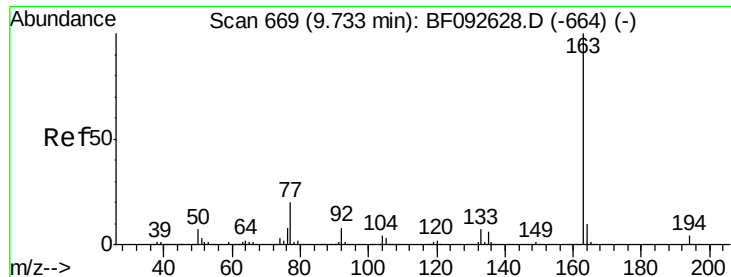
Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion:	152	Resp:	1262133
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.9	25.3
153	12.8	11.4	17.2





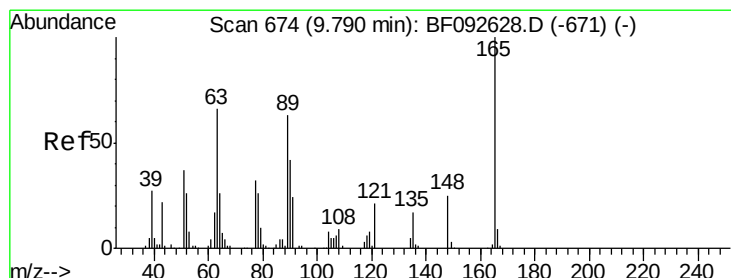
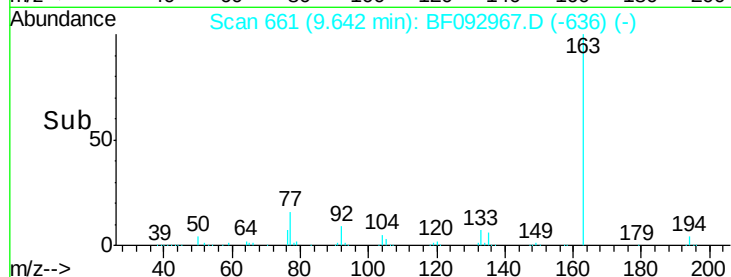
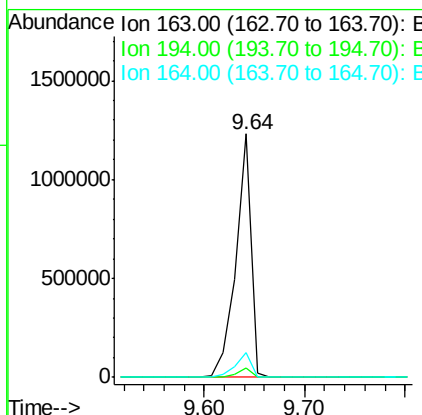
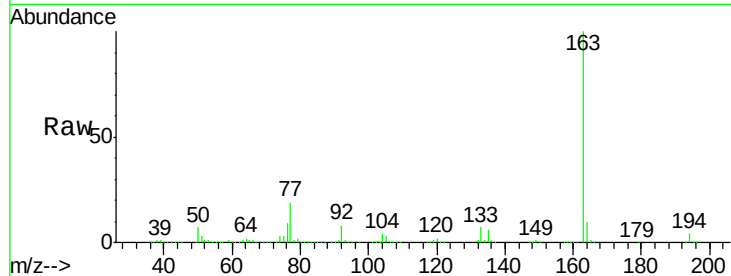
#49
Dimethylphthalate
Concen: 60.90 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion:163 Resp: 1293211
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.3 8.0 12.0

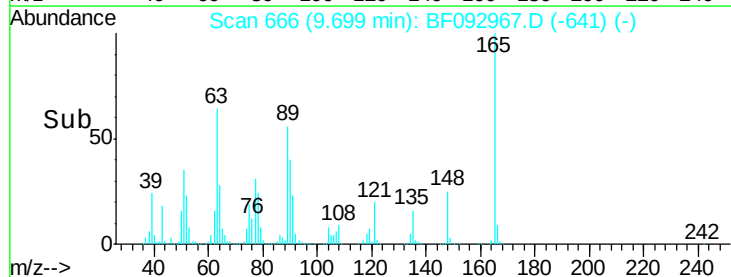
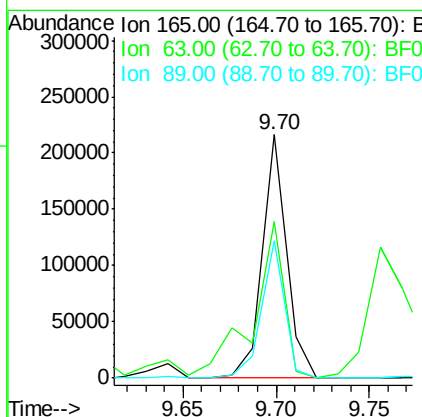
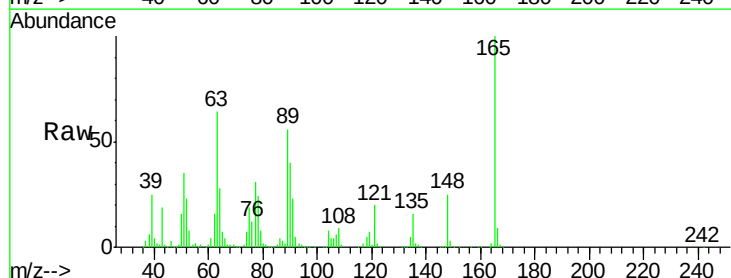
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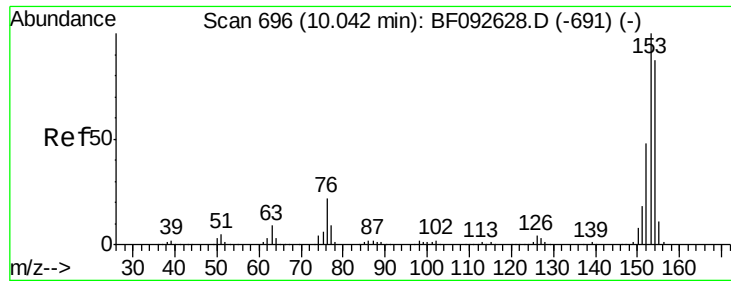
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#50
2,6-Dinitrotoluene
Concen: 42.48 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:165 Resp: 194818
Ion Ratio Lower Upper
165 100
63 64.1 36.2 54.4#
89 56.3 40.2 60.4





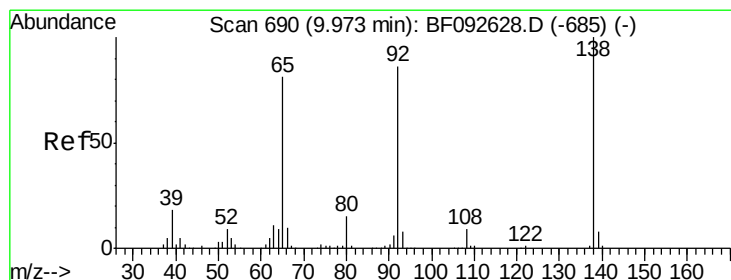
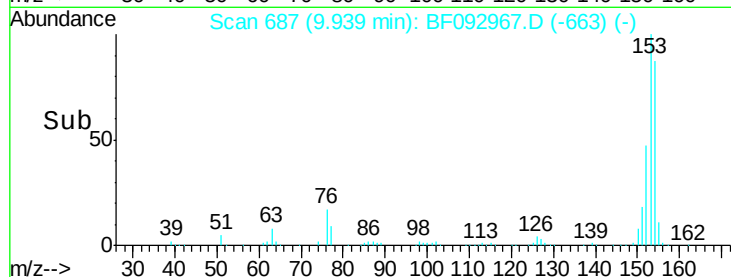
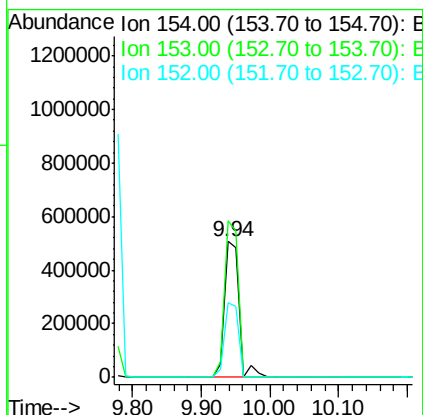
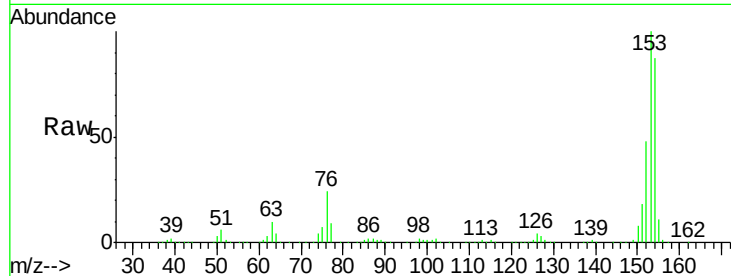
#51
Acenaphthene
Concen: 41.40 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.2	88.6	133.0
152	54.7	41.6	62.4

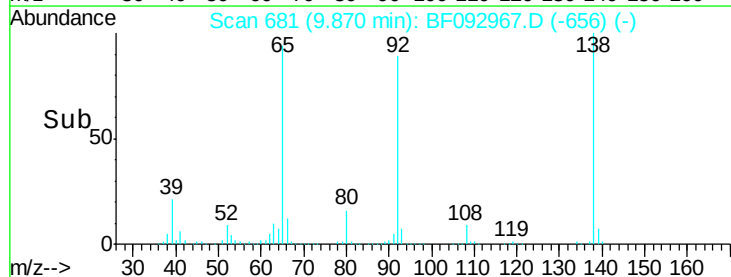
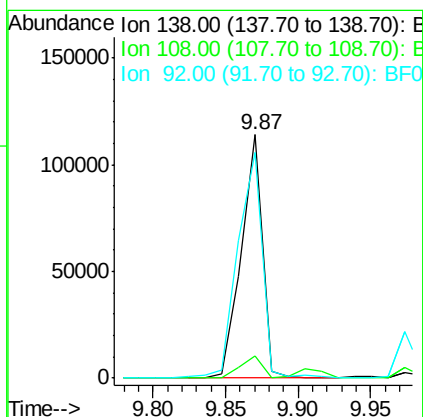
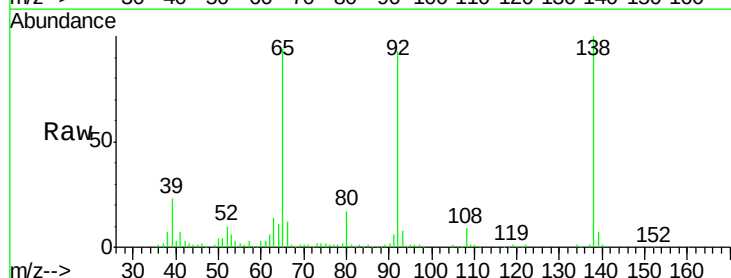
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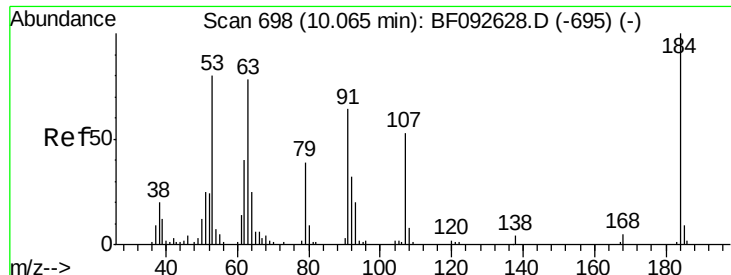
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2/16/2017 11:38:59 AM



#52
3-Nitroaniline
Concen: 22.07 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

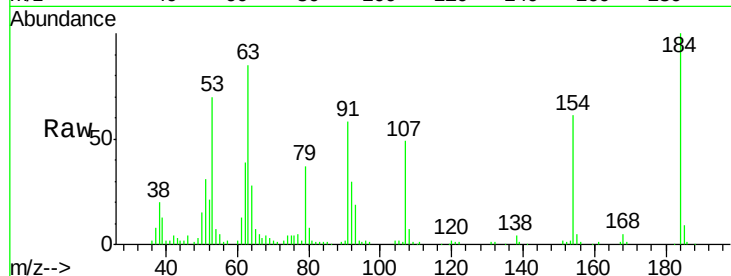
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.5	12.7
92	92.9	97.8	146.8#





#53
2,4-Dinitrophenol
Concen: 35.51 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

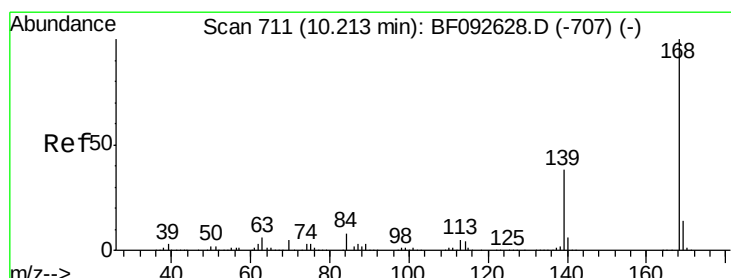
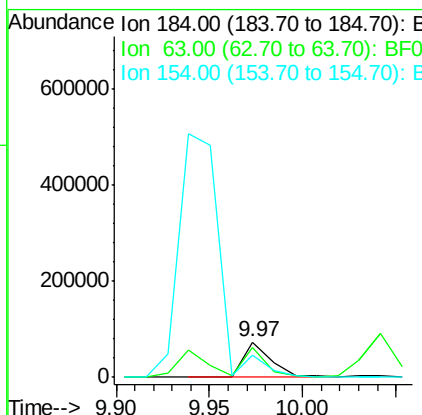
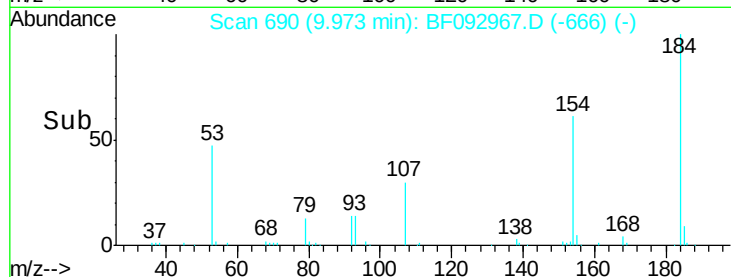
Instrument :
BNA_F
ClientSampleId :
H-1MS



Tgt Ion:184 Resp: 76317
Ion Ratio Lower Upper
184 100
63 84.6 28.4 42.6#
154 61.5 44.3 66.5

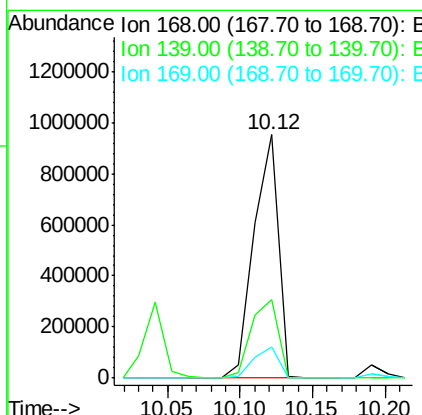
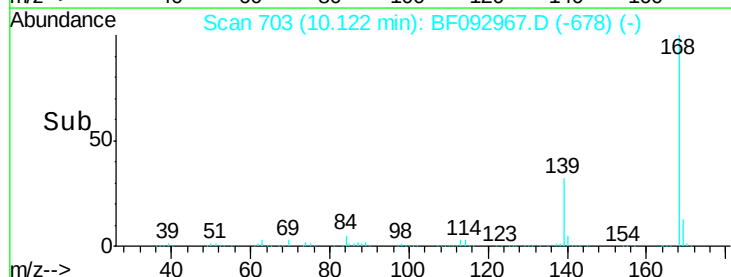
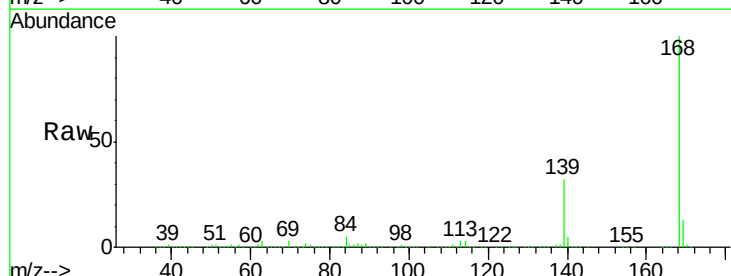
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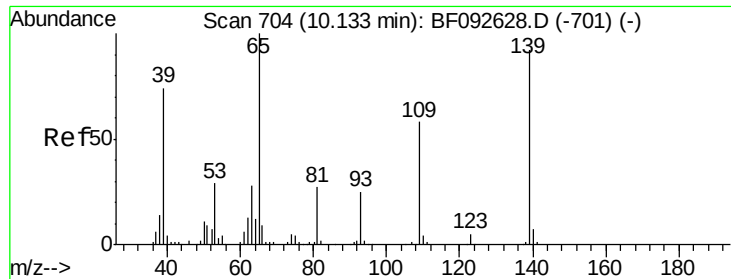
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#54
Dibenzofuran
Concen: 45.18 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion:168 Resp: 1114545
Ion Ratio Lower Upper
168 100
139 32.0 32.6 49.0#
169 13.0 11.3 16.9





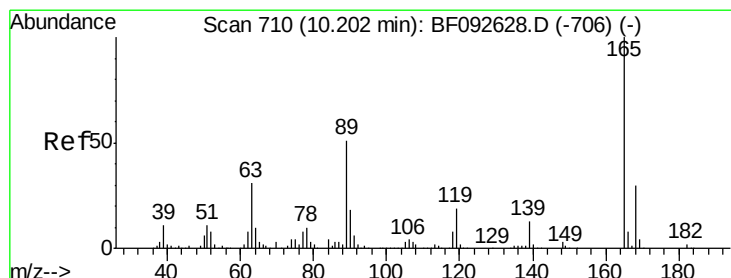
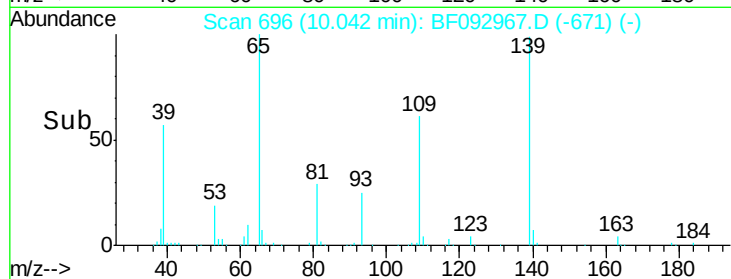
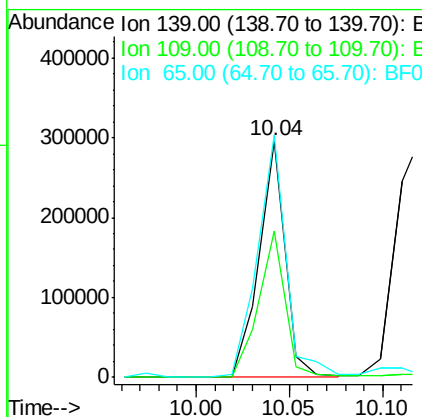
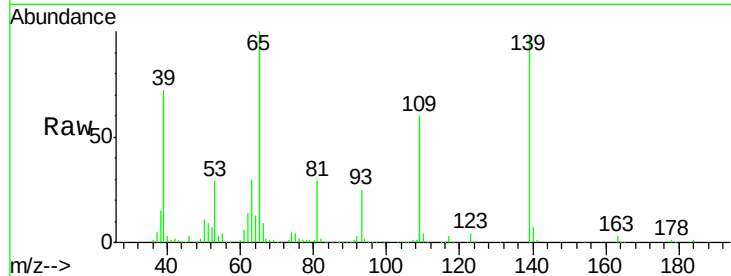
#55
4-Nitrophenol
Concen: 75.77 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	286381		
109	62.0	52.2	92.2	
65	102.5	85.8	125.8	

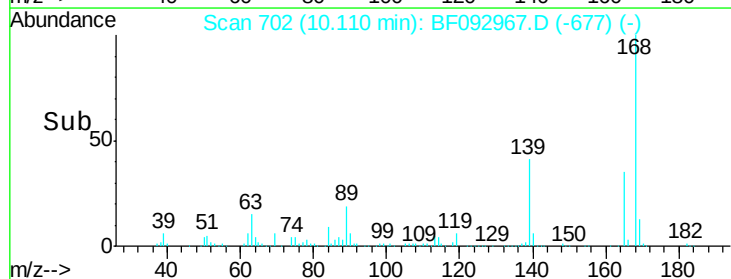
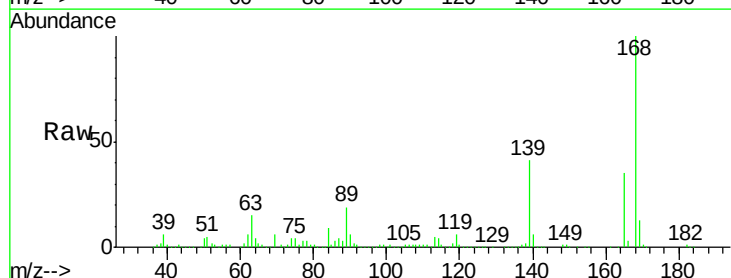
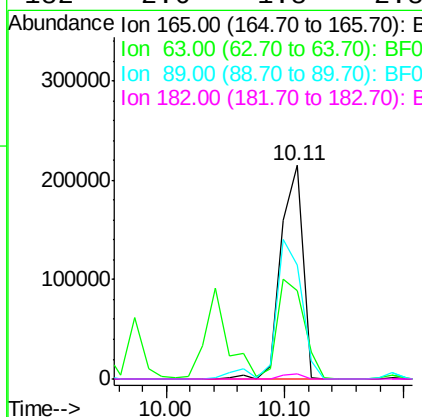
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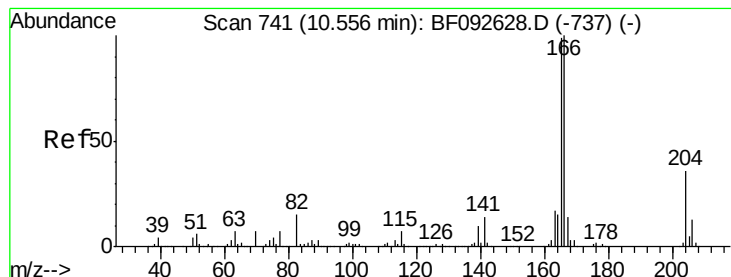
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#56
2,4-Dinitrotoluene
Concen: 44.44 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	271312		
63	41.4	40.2	60.4	
89	53.4	62.5	93.7#	
182	2.6	1.8	2.8	





#57

Fluorene

Concen: 40.05 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

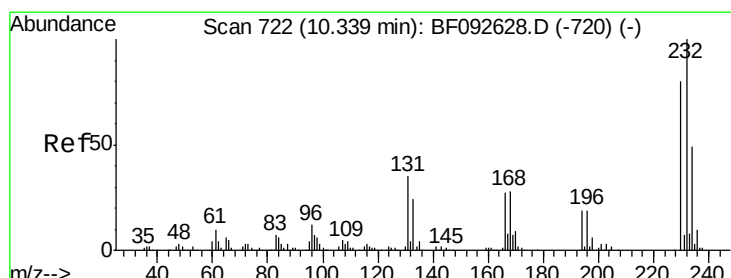
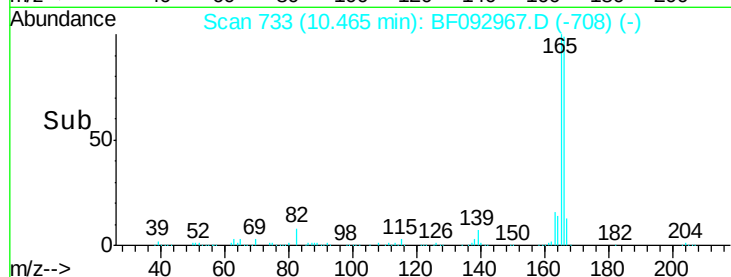
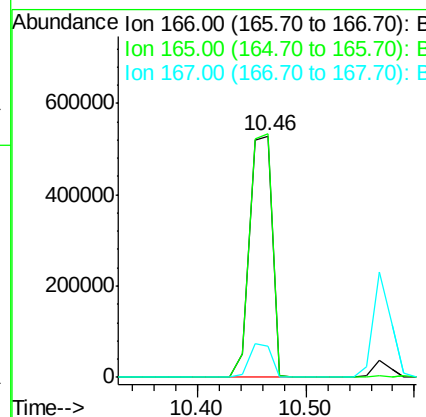
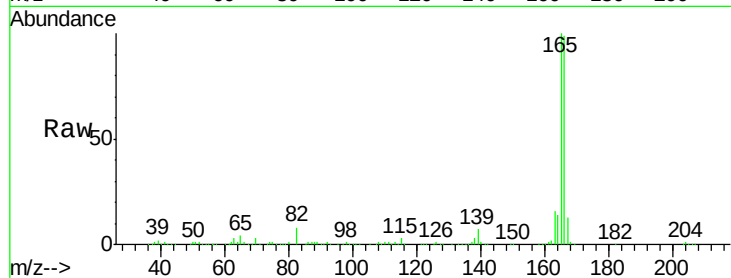
ClientSampleId :

H-IMS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	760030		
165	100.8		77.8	116.8
167	13.1		10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.80 ng

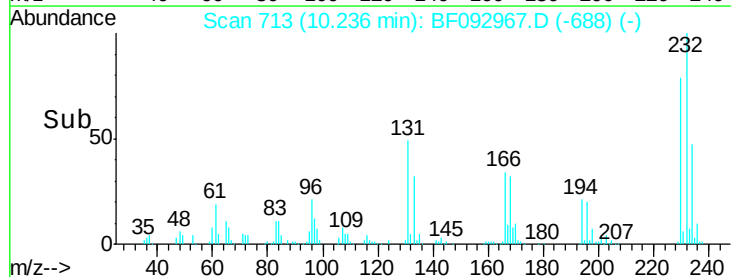
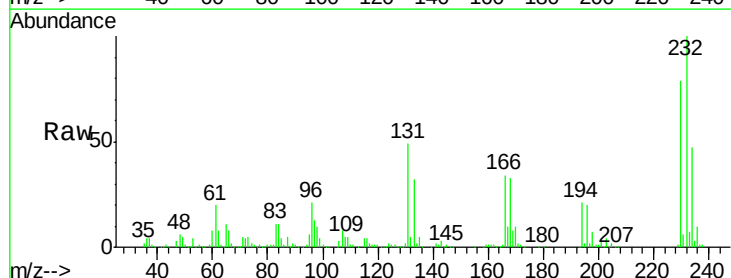
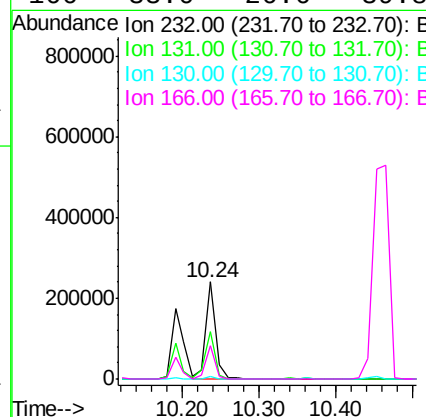
RT: 10.24 min Scan# 713

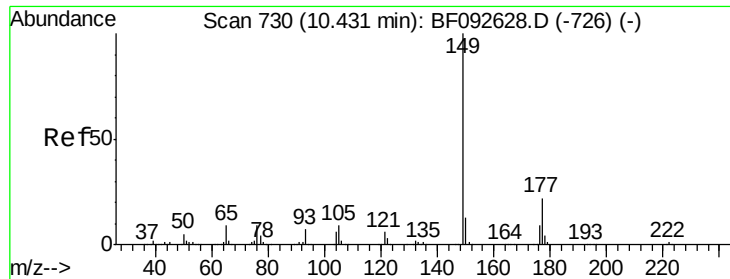
Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	211640		
131	49.0		40.1	60.1
130	2.3		1.8	2.8
166	33.0		26.6	39.8





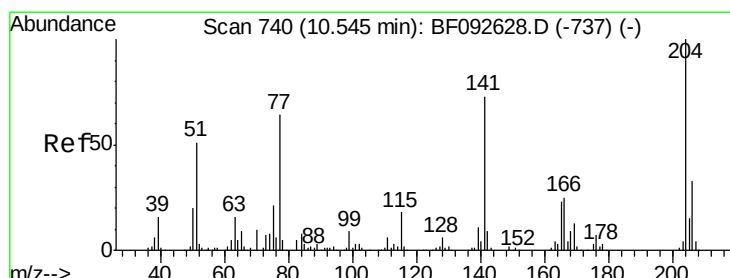
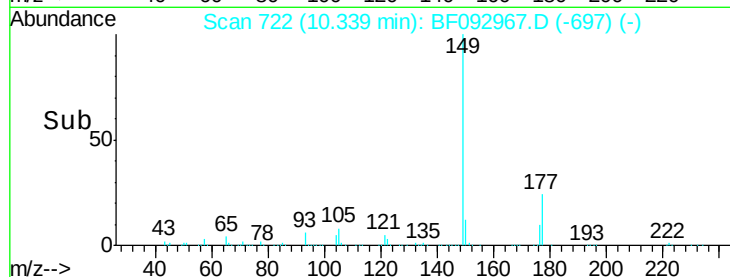
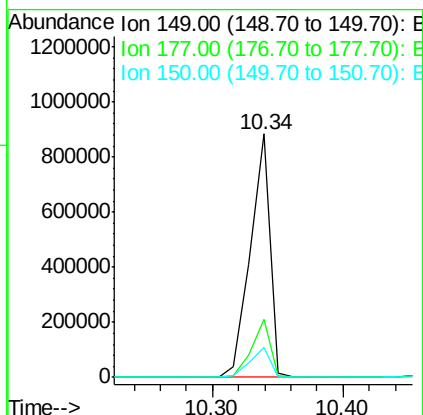
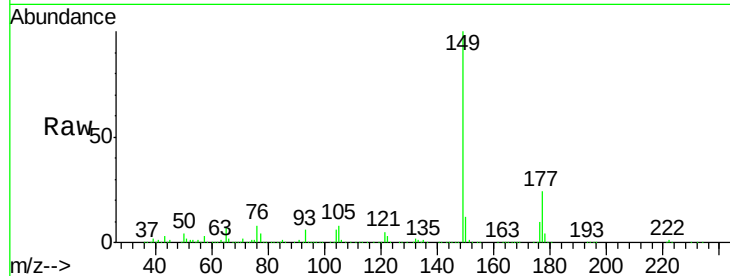
#59
Diethylphthalate
Concen: 46.14 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampled :
H-IMS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	923393		
177	23.8	16.6	25.0	
150	12.4	10.4	15.6	

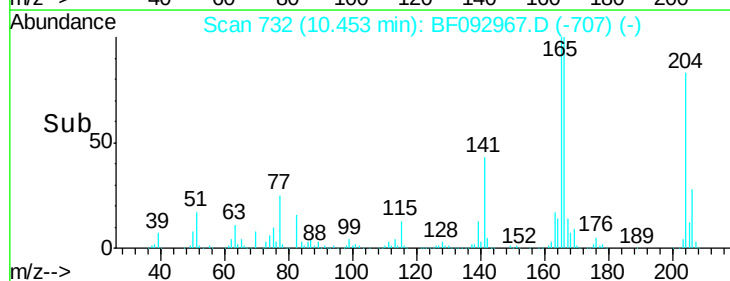
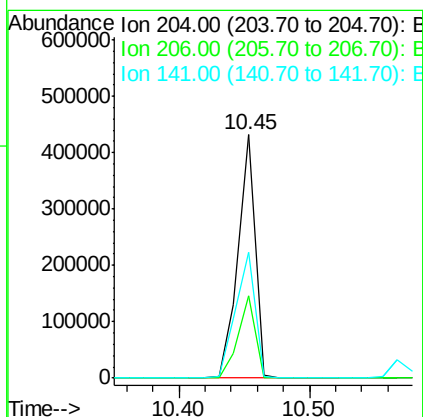
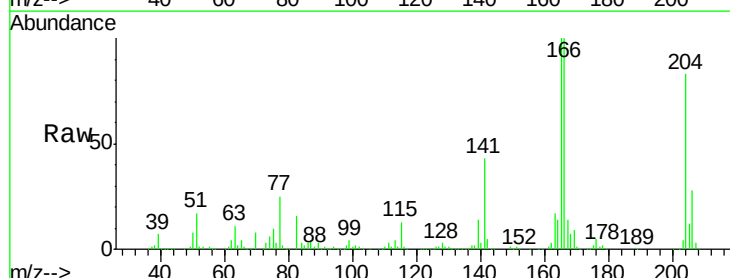
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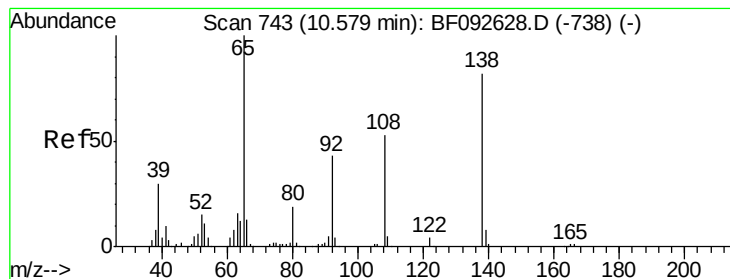
mohammad
2/16/2017 11:38:59 AM



#60
4-Chlorophenyl-phenylether
Concen: 43.07 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	392687		
206	33.6	25.8	38.6	
141	52.0	59.4	89.0	





#61

4-Nitroaniline

Concen: 41.41 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

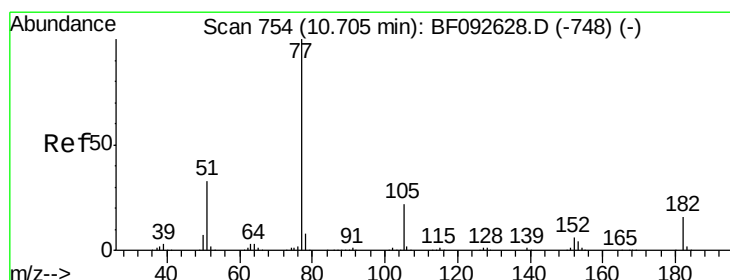
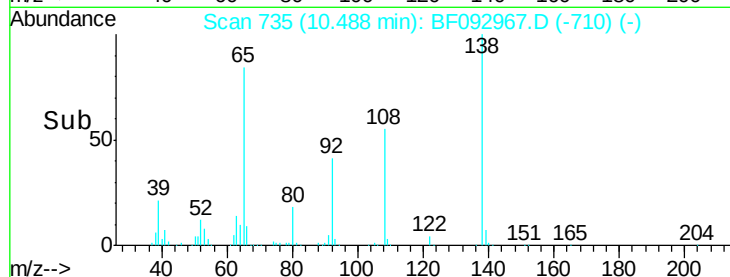
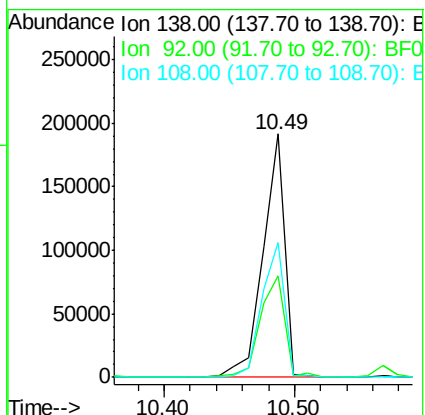
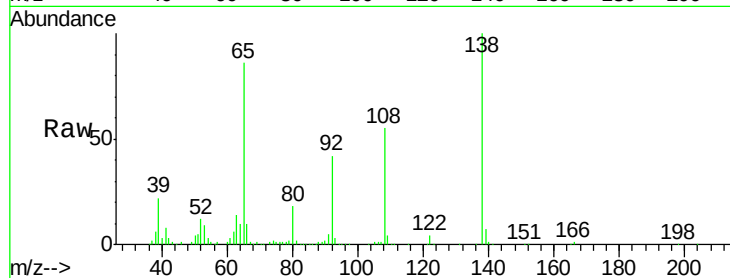
ClientSampled :

H-1MS

Tgt Ion:	138	Resp:	222577
Ion Ratio	Lower	Upper	
138	100		
92	41.6	31.7	71.7
108	55.3	52.6	92.6

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#62

Azobenzene

Concen: 44.44 ng m

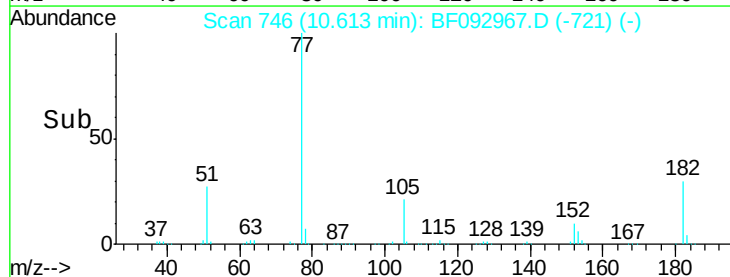
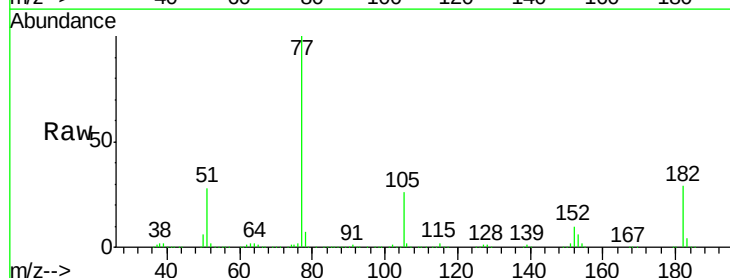
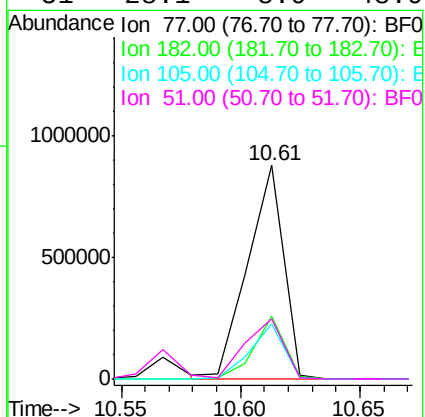
RT: 10.61 min Scan# 746

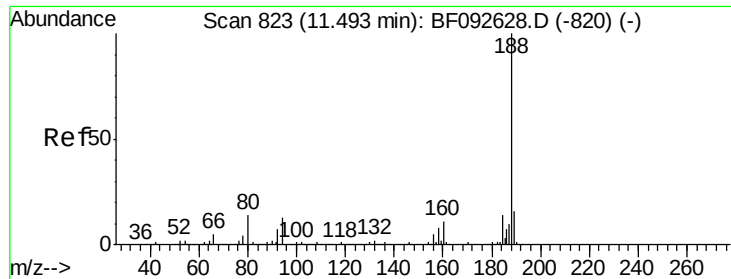
Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion:	77	Resp:	918838
Ion Ratio	Lower	Upper	
77	100		
182	29.4	0.0	39.3
105	25.5	2.3	42.3
51	28.1	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

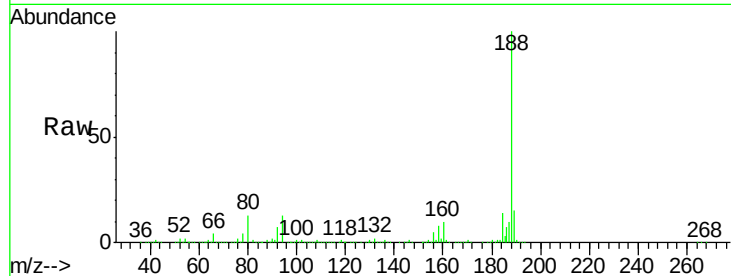
ClientSampleId :

H-1MS

Tgt Ion:	188	Resp:	501611
Ion Ratio	Lower	Upper	
188	100		
94	12.5	10.0	15.0
80	12.6	11.2	16.8

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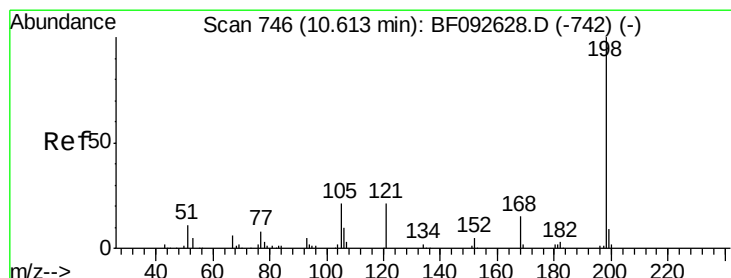
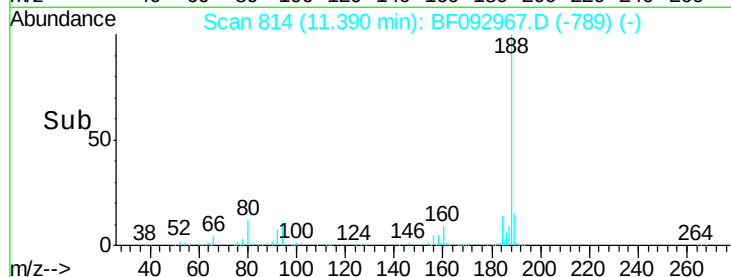
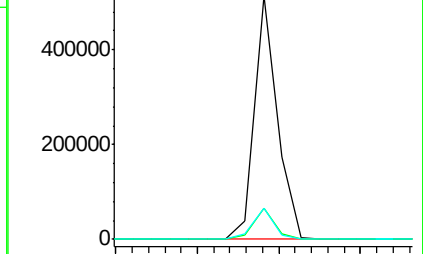
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.21 ng

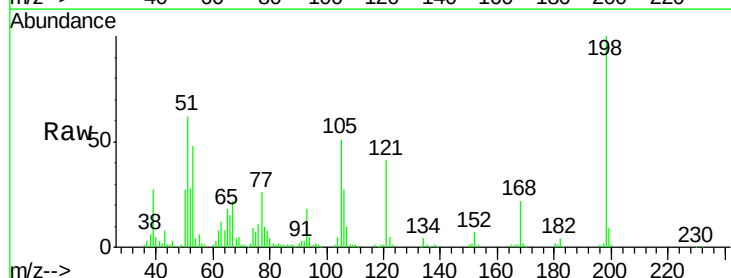
RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

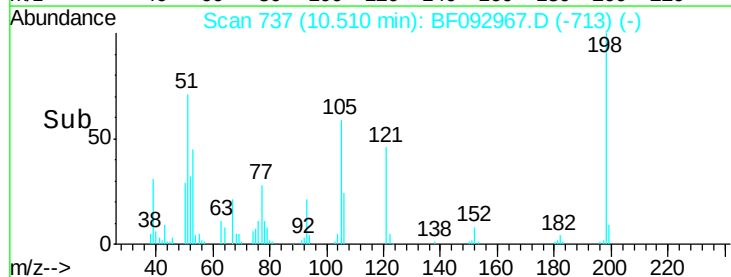
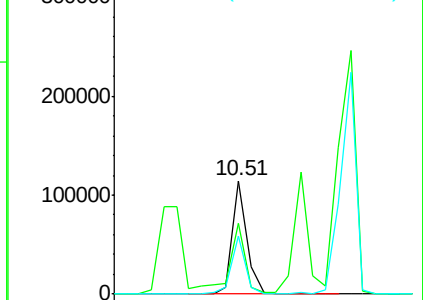
Tgt Ion:	198	Resp:	105213
Ion Ratio	Lower	Upper	
198	100		
51	62.1	6.7	46.7#
105	50.9	16.6	56.6

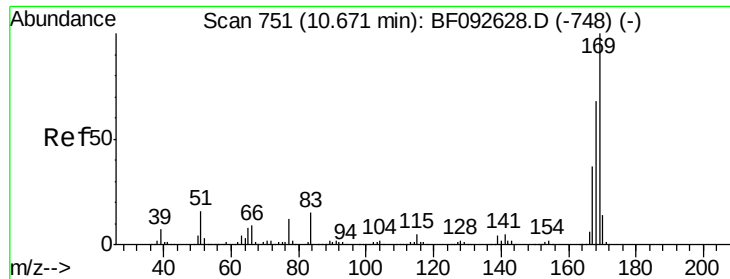


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.15 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

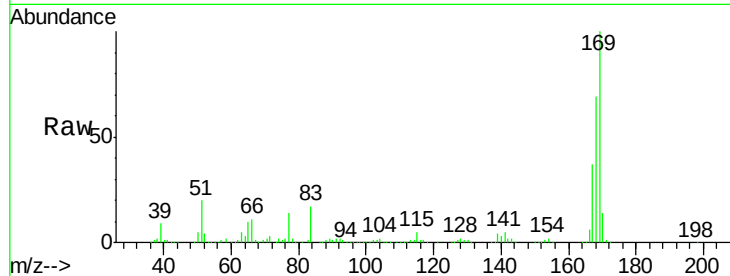
ClientSampleId :

H-IMS

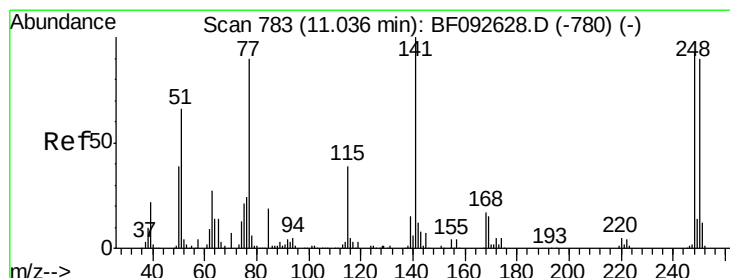
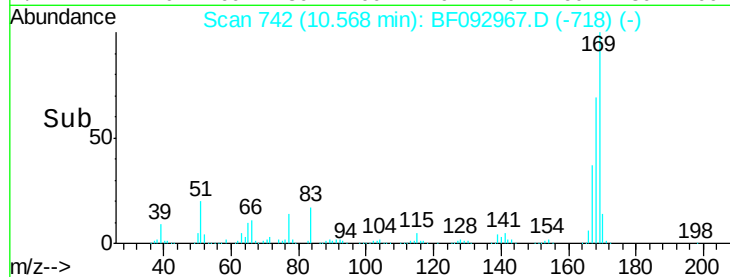
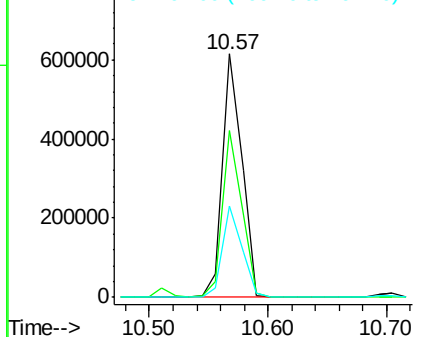
Tgt Ion:	169	Resp:	691409
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.2	81.2
167	37.4	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 42.74 ng

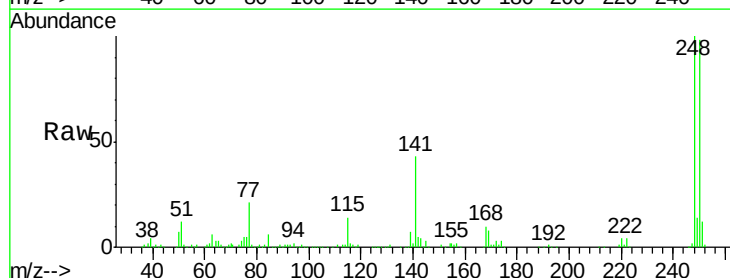
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

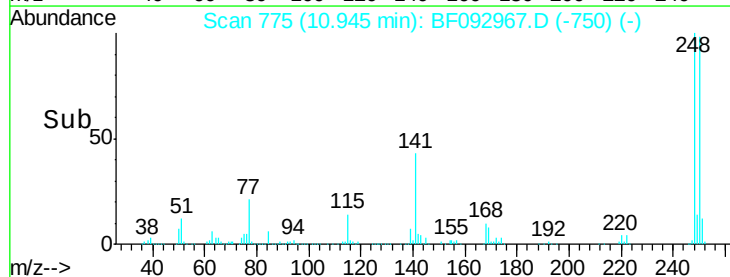
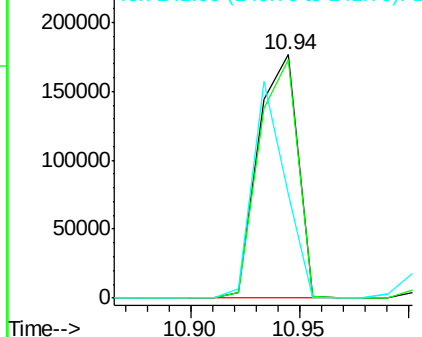
Lab File: BF092967.D

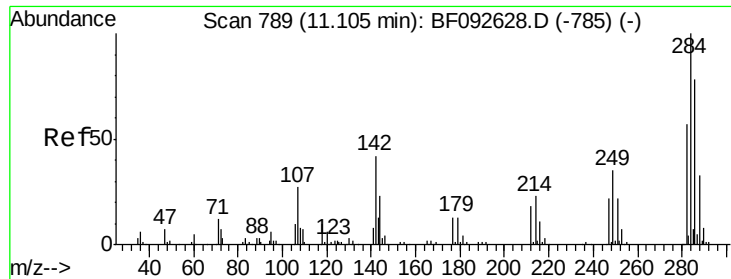
Acq: 15 Feb 2017 22:42

Tgt Ion:	248	Resp:	224003
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.9	115.3
141	42.6	68.2	102.4#



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





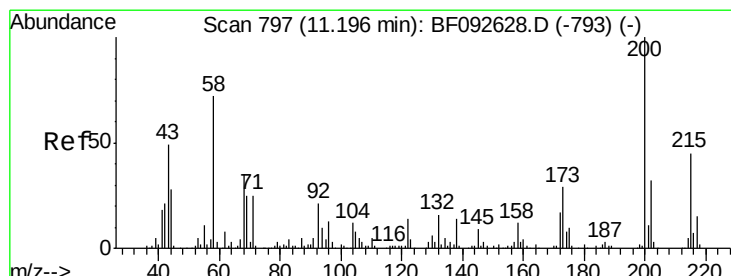
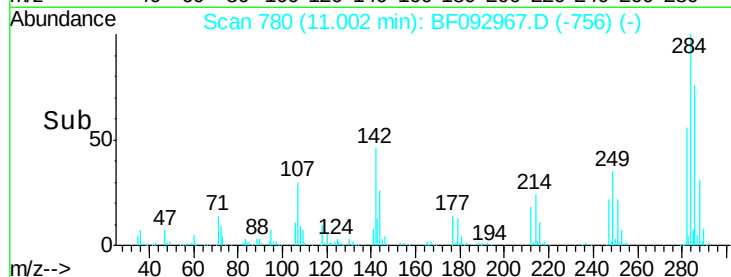
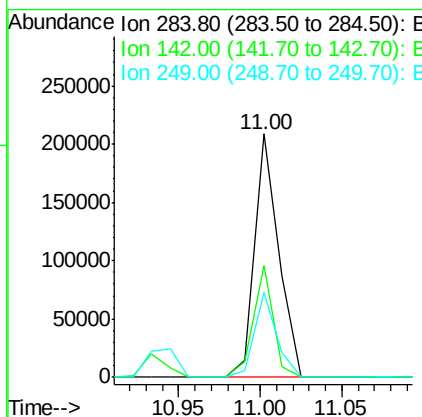
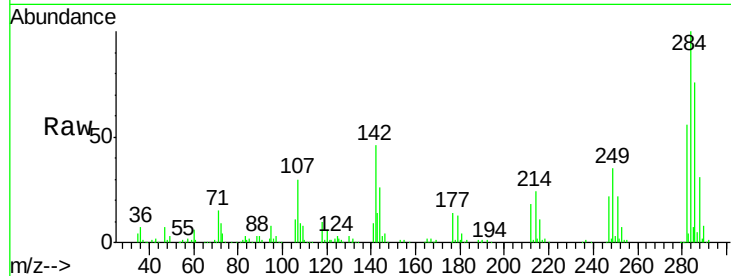
#67
Hexachlorobenzene
Concen: 41.25 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	213628		
142	46.0	22.6	33.8#	
249	34.9	25.4	38.0	

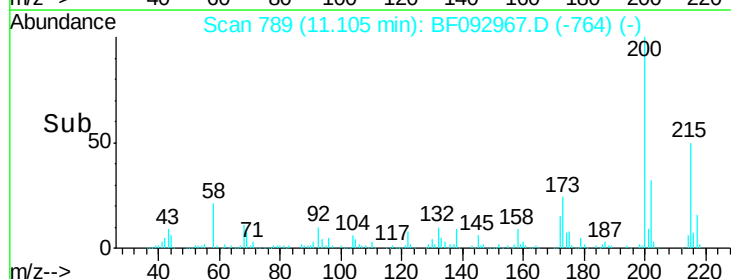
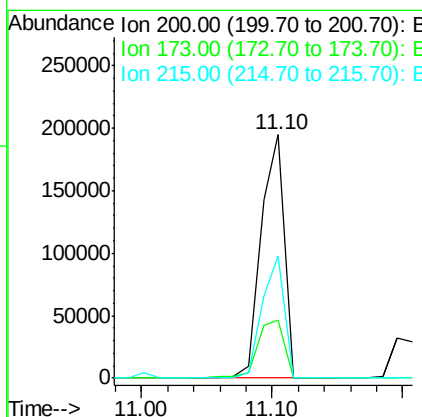
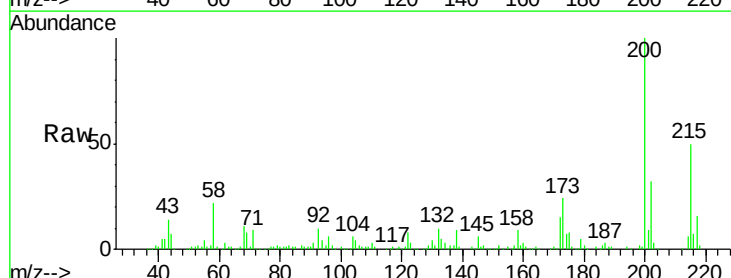
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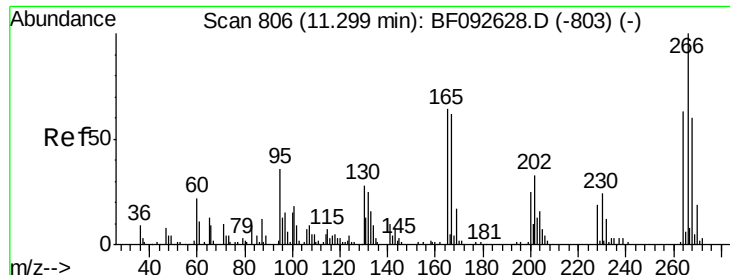
mohammad
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#68
Atrazine
Concen: 46.62 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	239734		
173	24.0	9.6	49.6	
215	50.1	25.7	65.7	





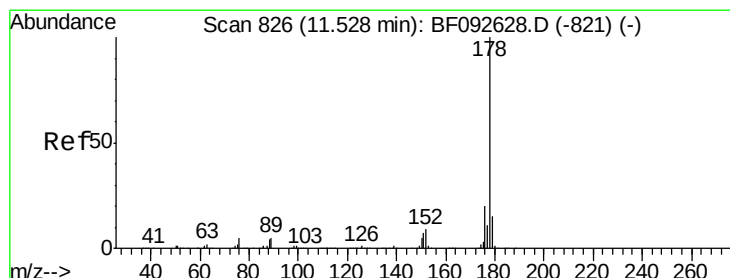
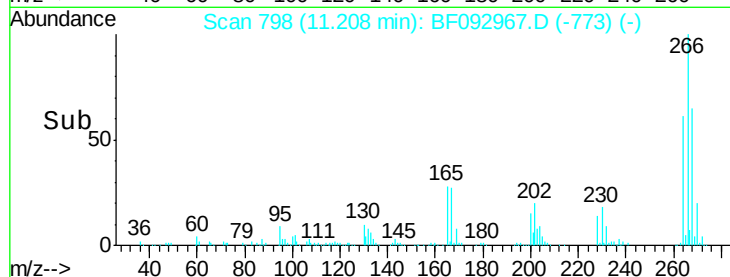
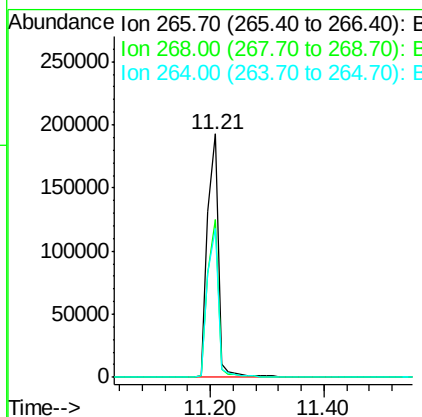
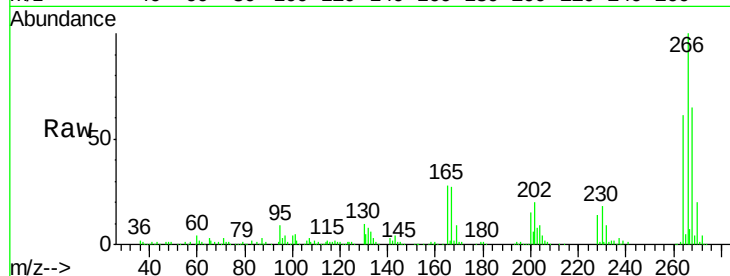
#69
Pentachlorophenol
 Concen: 90.66 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	53.3	79.9
264	61.1	50.3	75.5

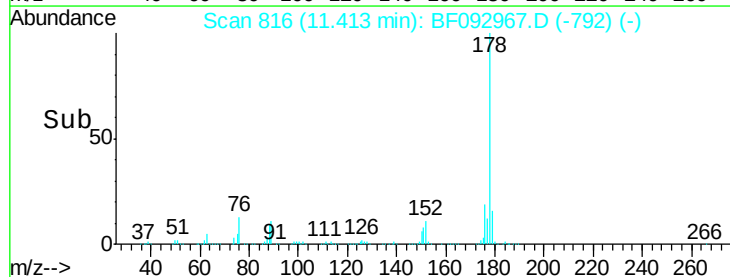
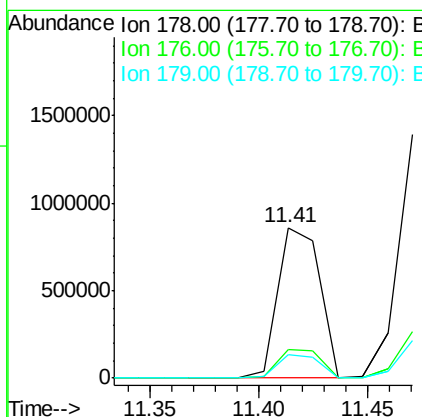
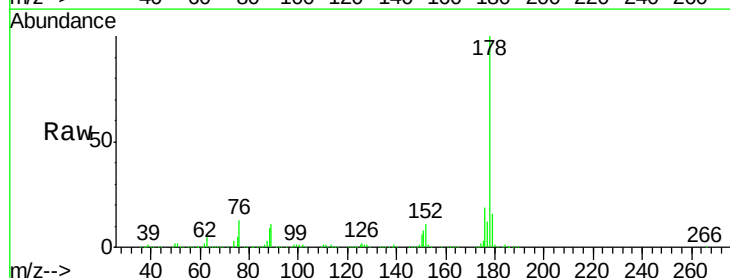
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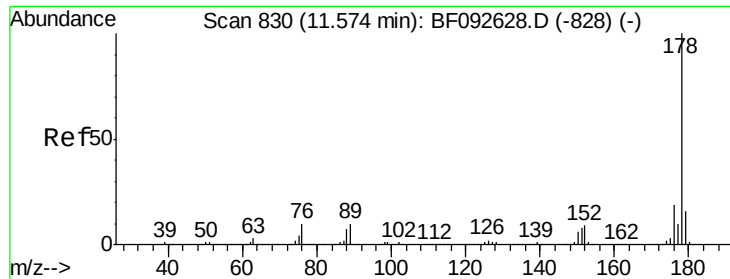
mohammad
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#70
Phenanthrene
 Concen: 40.41 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.7	12.8	19.2





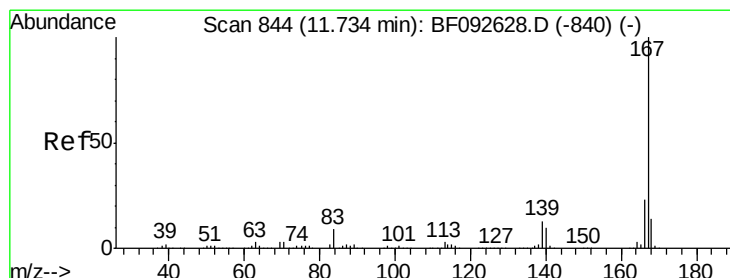
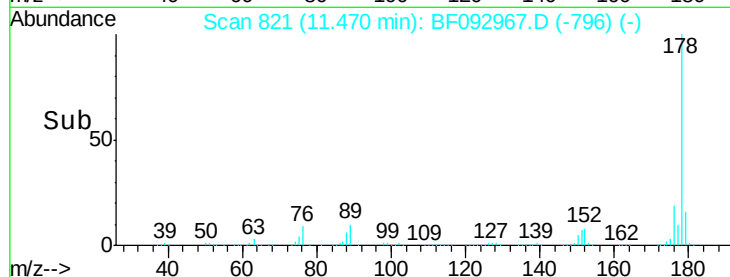
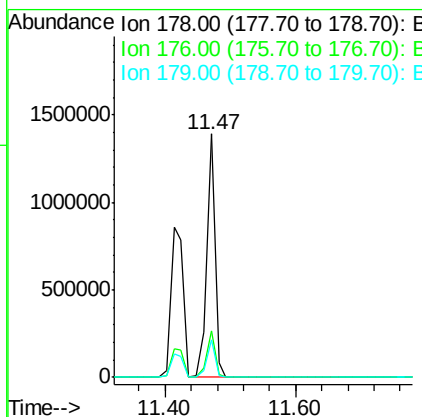
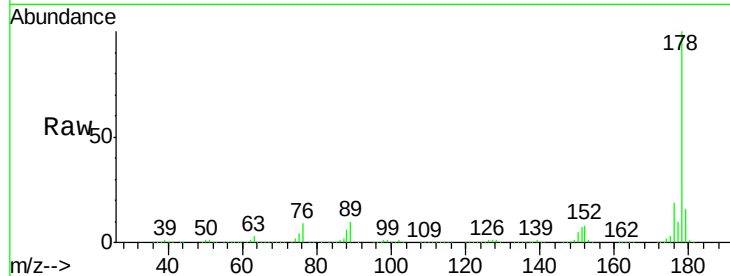
#71
 Anthracene
 Concen: 41.80 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

Tgt Ion:178 Resp: 1206232
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.6 13.2 19.8

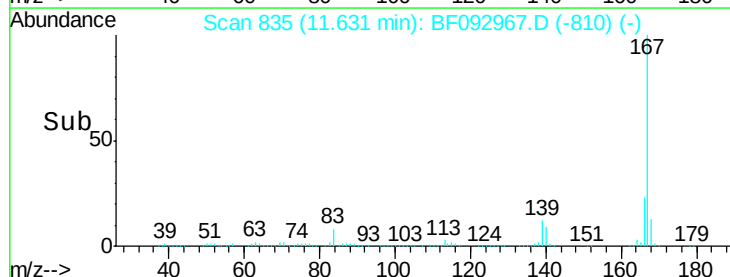
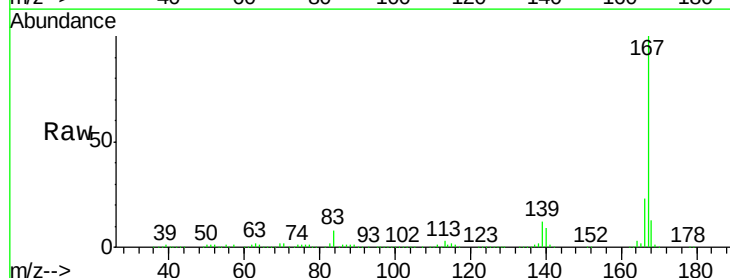
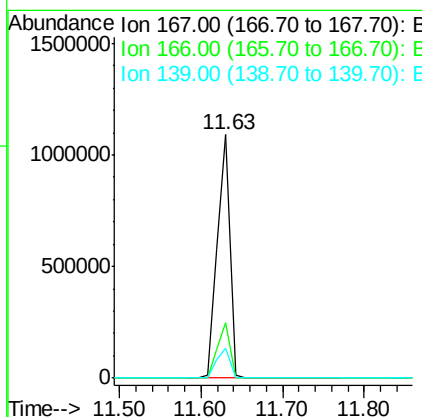
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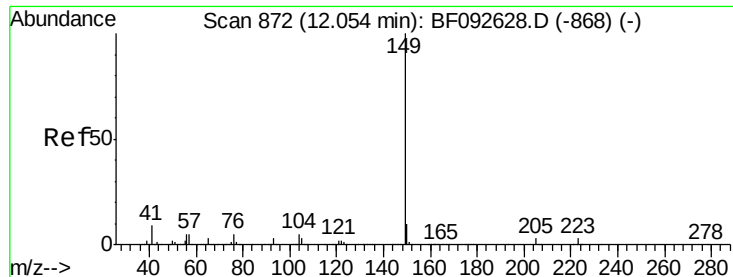
mohammad
 2/16/2017 11:38:59 AM



#72
 Carbazole
 Concen: 42.38 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion:167 Resp: 1169188
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.72 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

ClientSampleId :

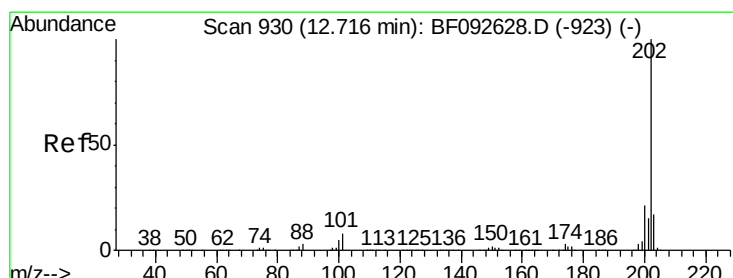
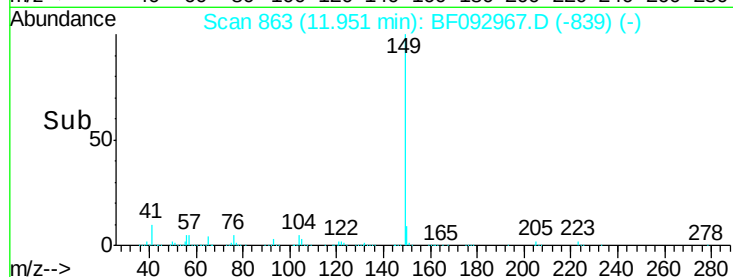
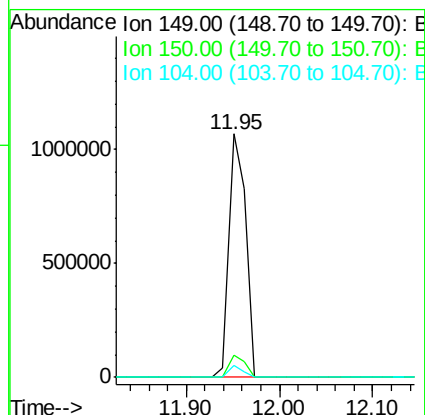
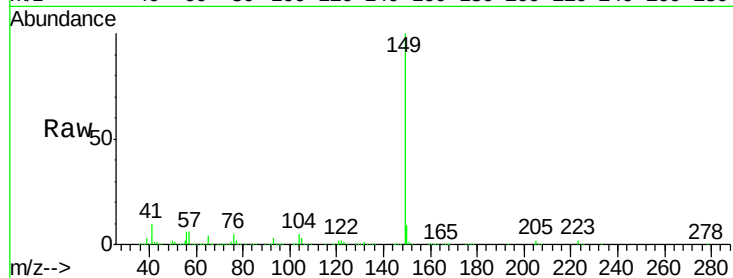
H-IMS

Tgt Ion:149 Resp: 1334286

Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.1	12.1
104	4.9	4.6	7.0

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#74

Fluoranthene

Concen: 37.03 ng

RT: 12.60 min Scan# 920

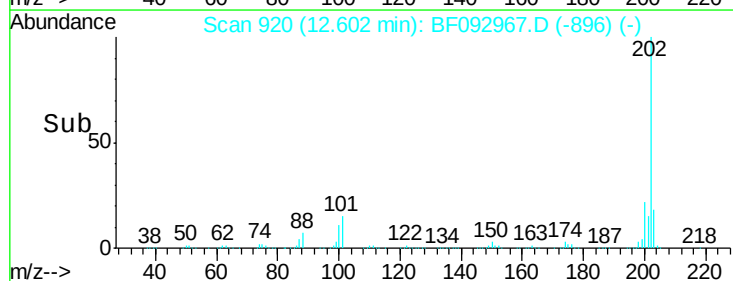
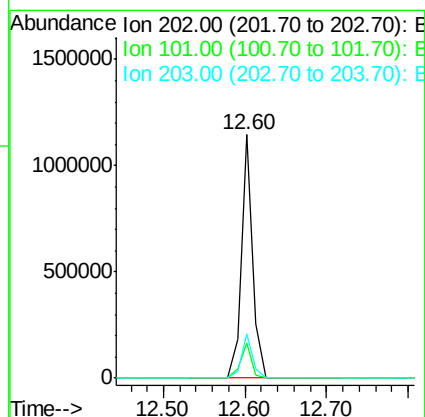
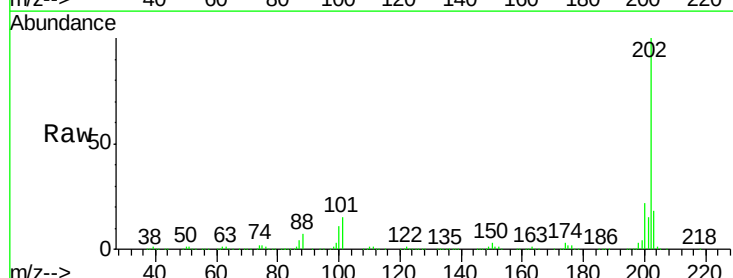
Delta R.T. -0.02 min

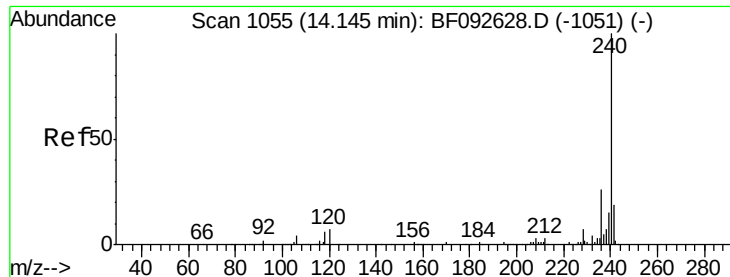
Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion:202 Resp: 1097658

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.6
203	17.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

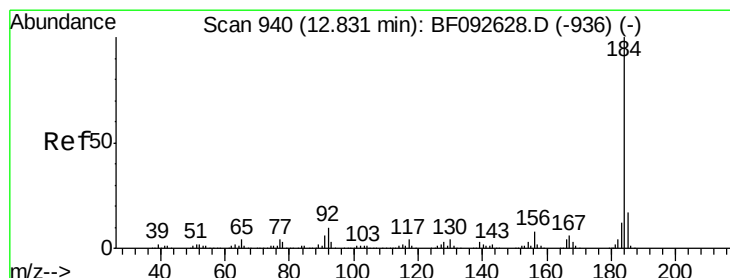
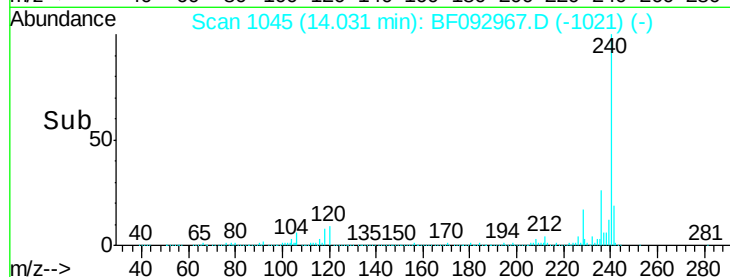
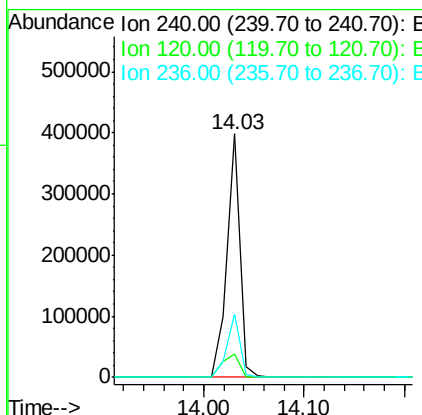
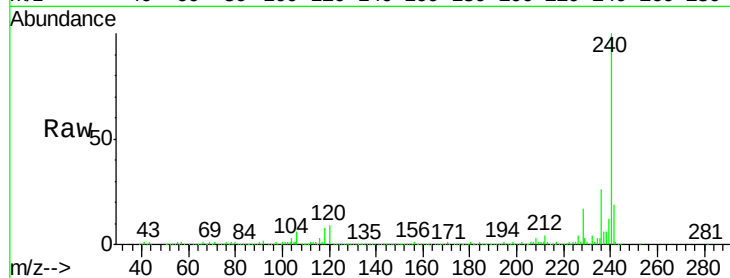
ClientSampled :

H-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	357280		
120	9.4	12.9	19.3#	
236	26.1	20.9	31.3	

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#76

Benzidine

Concen: 18.95 ng

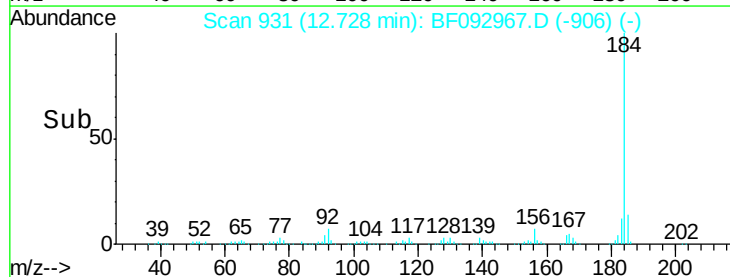
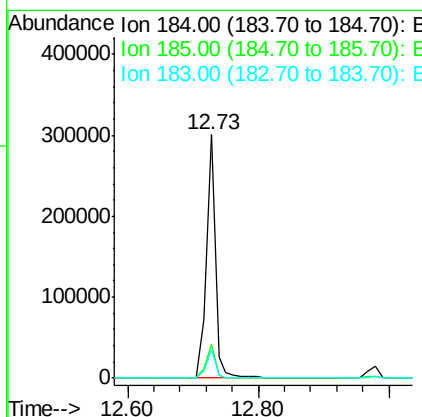
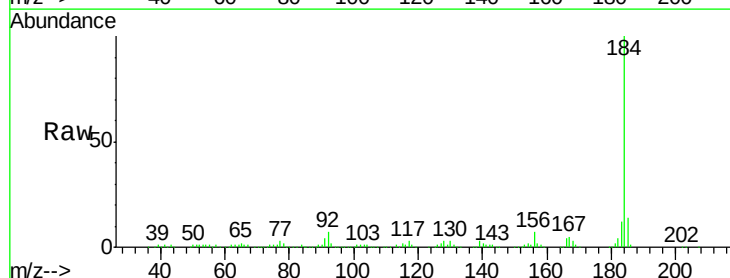
RT: 12.73 min Scan# 931

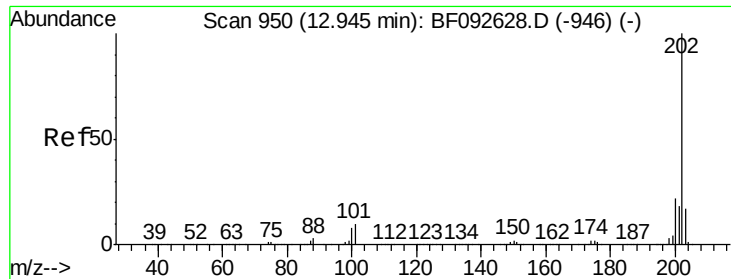
Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	288543		
185	13.8	13.4	20.0	
183	11.8	9.2	13.8	





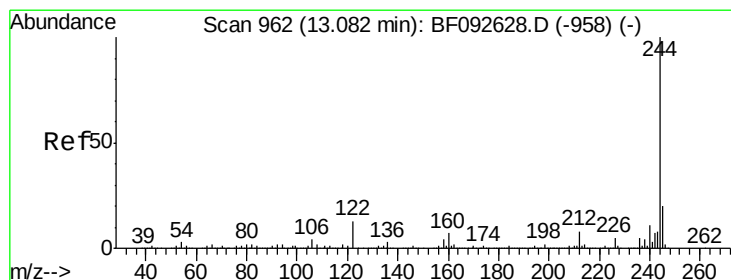
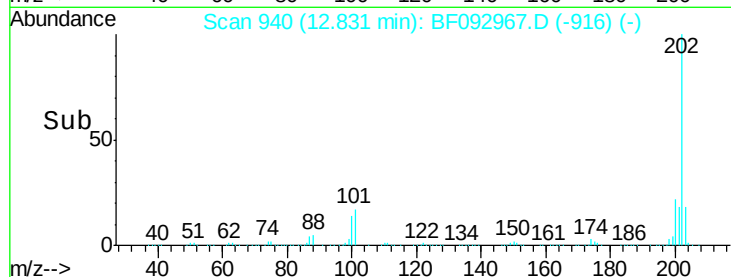
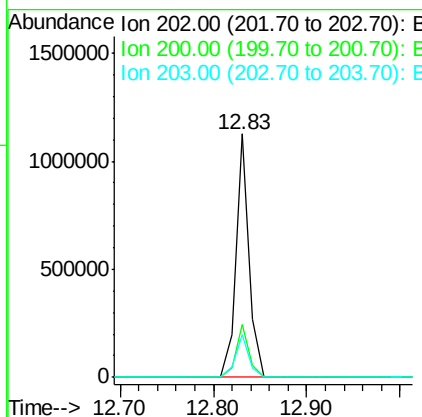
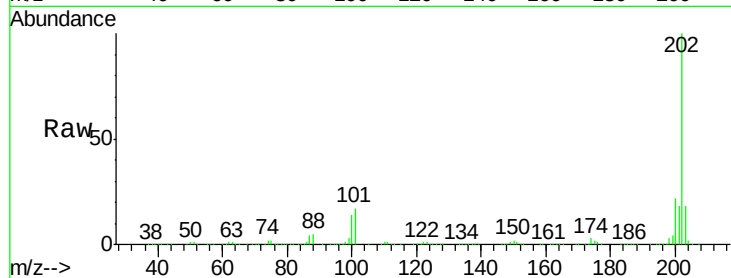
#77
 Pyrene
 Concen: 41.07 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.8	14.7	22.1

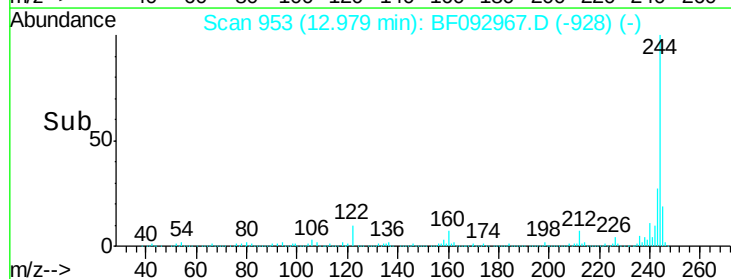
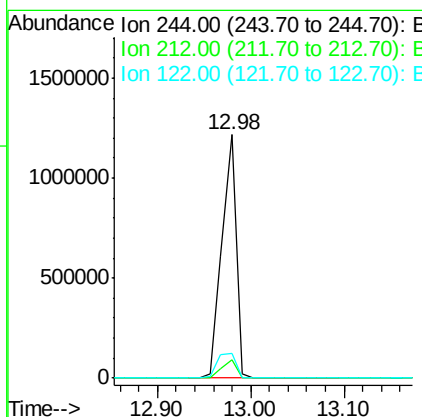
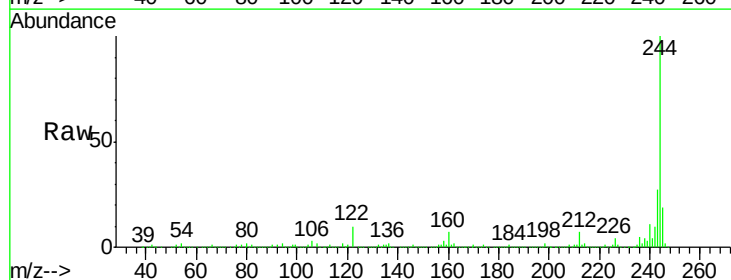
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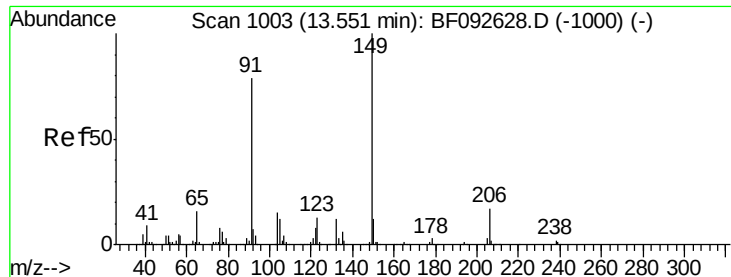
mohammad
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#78
 Terphenyl-d14
 Concen: 84.76 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.2	11.4	17.2





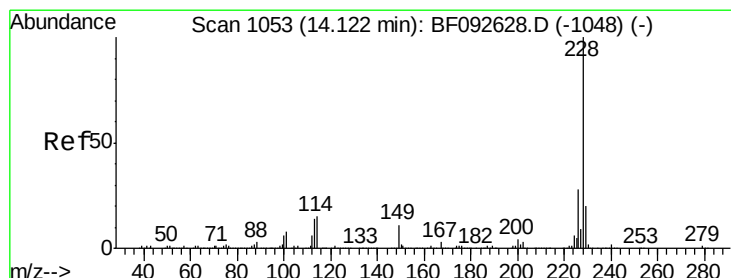
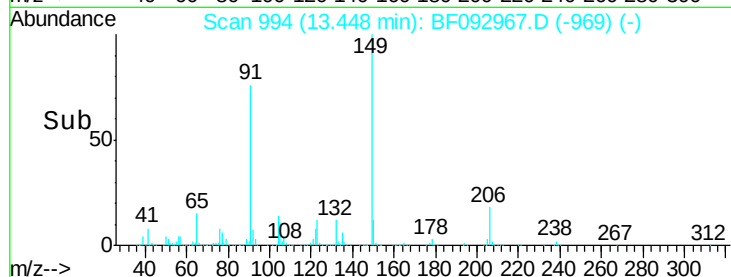
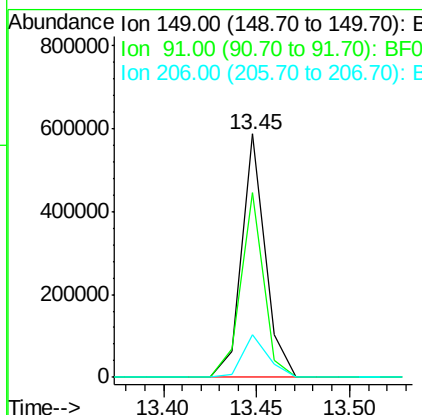
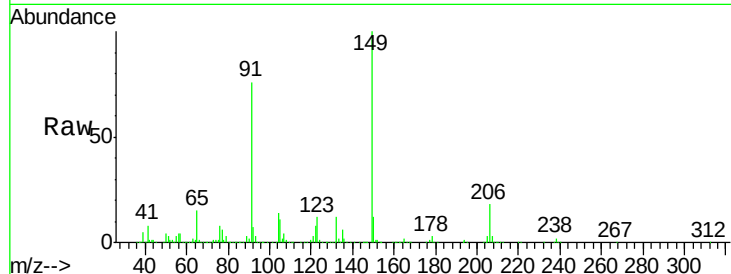
#79
Butylbenzylphthalate
Concen: 47.65 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	517406		
91	75.8	63.9	95.9	
206	17.6	14.6	21.8	

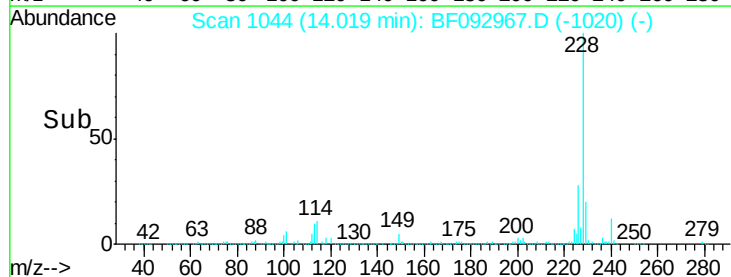
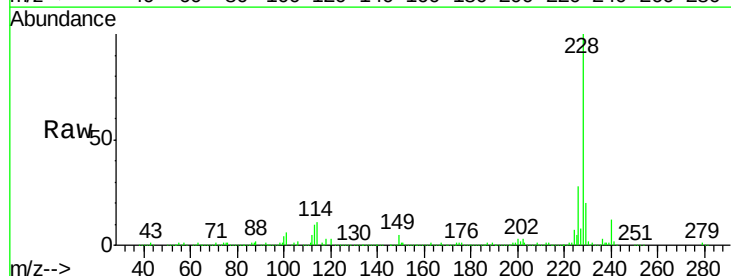
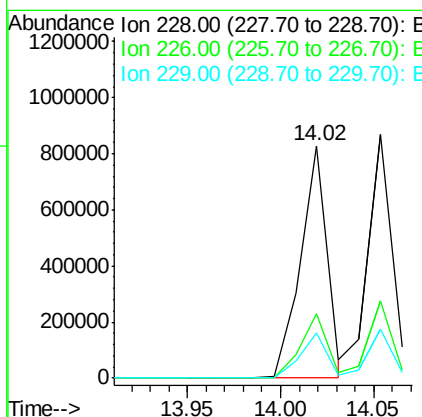
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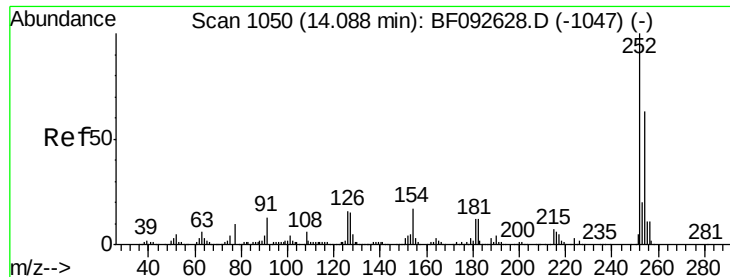
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#80
Benzo(a)anthracene
Concen: 37.79 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	825756		
226	27.7	22.4	33.6	
229	19.6	16.2	24.4	





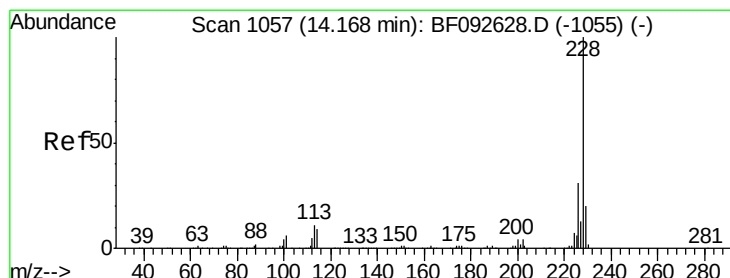
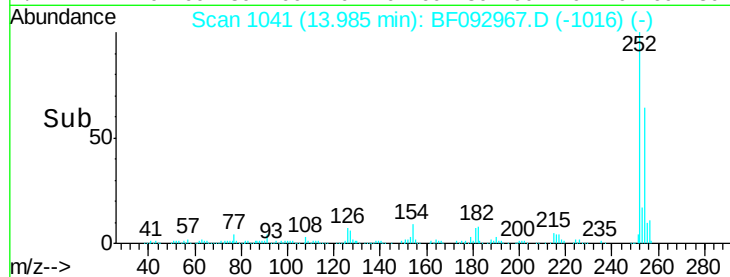
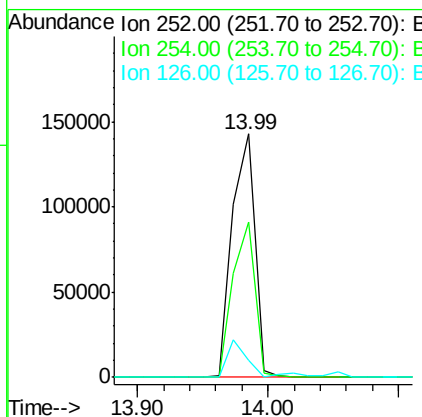
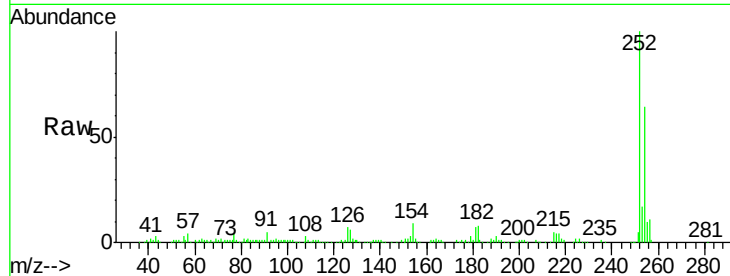
#81
 3,3'-Dichlorobenzidine
 Concen: 22.19 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampled :
 H-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	52.3	78.5
126	6.9	13.6	20.4

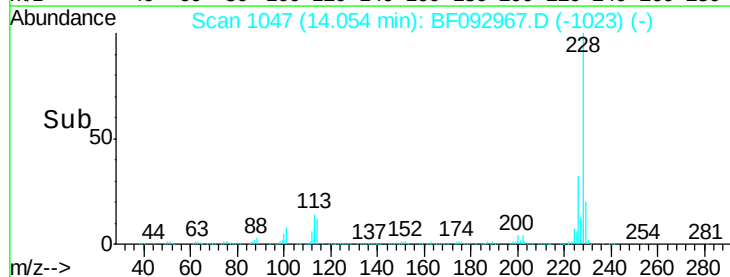
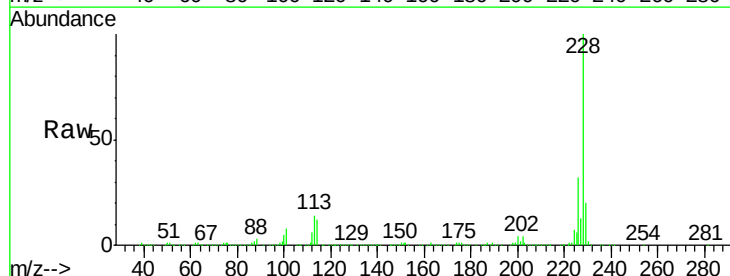
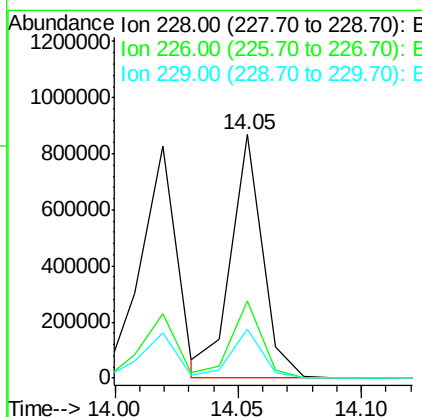
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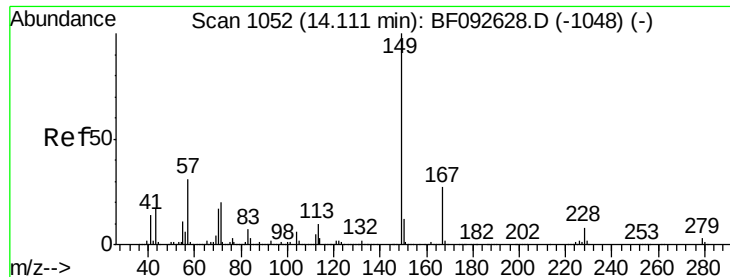
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#82
 Chrysene
 Concen: 37.88 ng m
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.5	25.4	38.0
229	20.3	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.55 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF092967.D

Acq: 15 Feb 2017 22:42

Instrument :

BNA_F

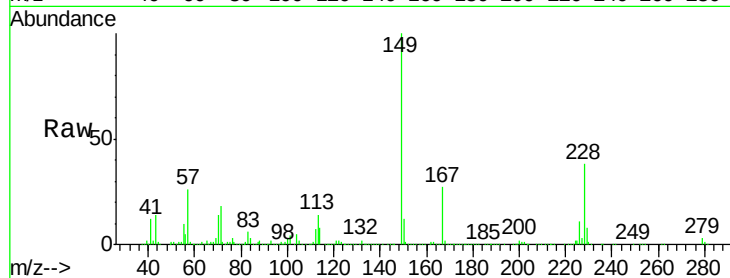
ClientSampleId :

H-1MS

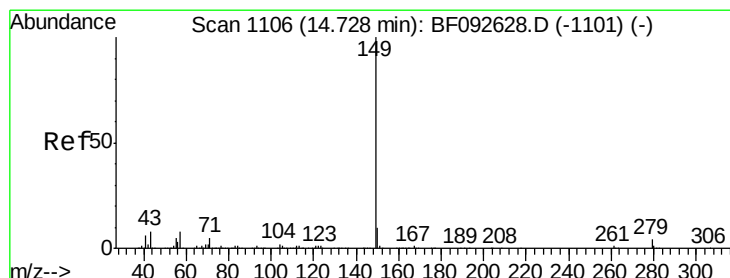
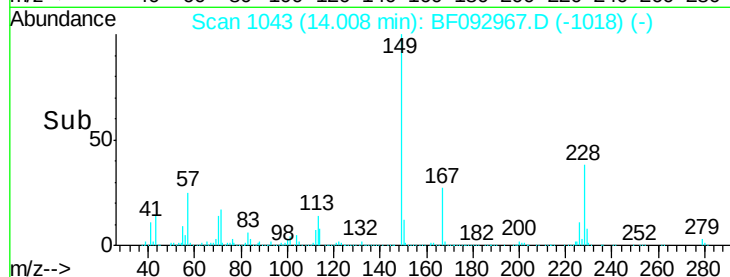
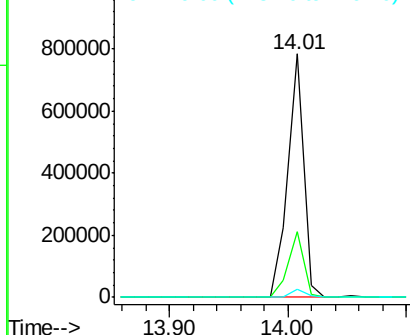
Tgt Ion:	149	Resp:	720962
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.2	30.4
279	3.5	1.8	2.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.64 ng

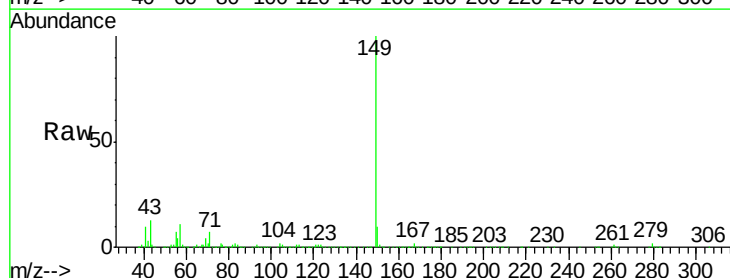
RT: 14.61 min Scan# 1096

Delta R.T. -0.02 min

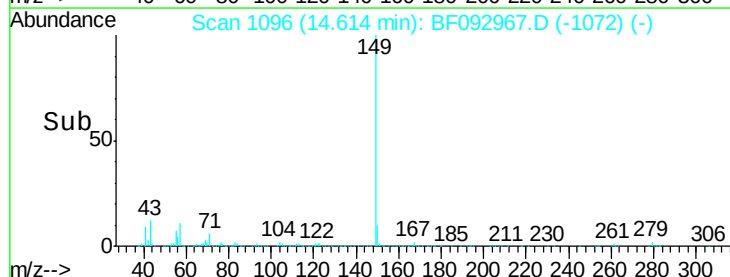
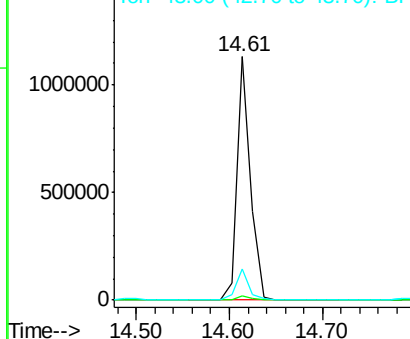
Lab File: BF092967.D

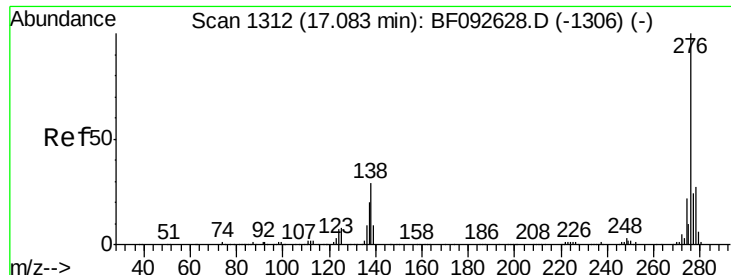
Acq: 15 Feb 2017 22:42

Tgt Ion:	149	Resp:	1127805
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	11.8	8.9	13.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





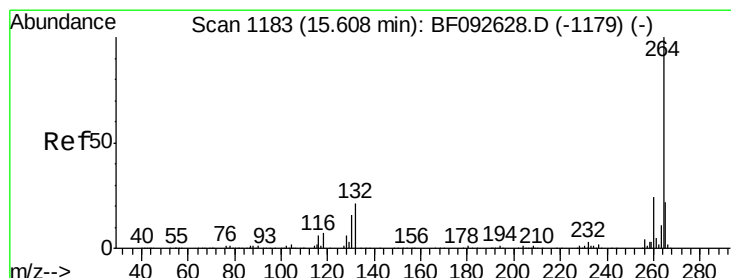
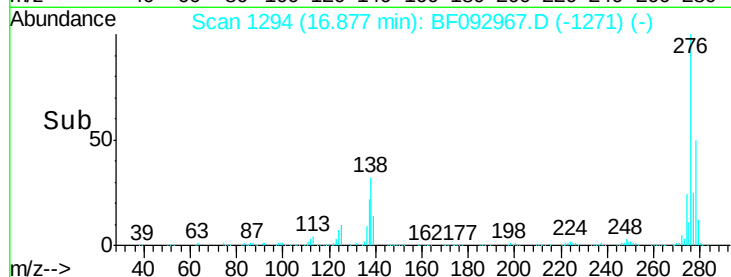
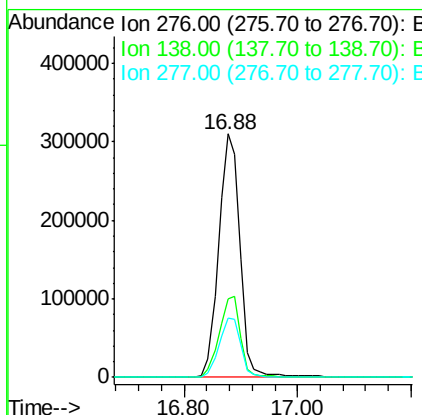
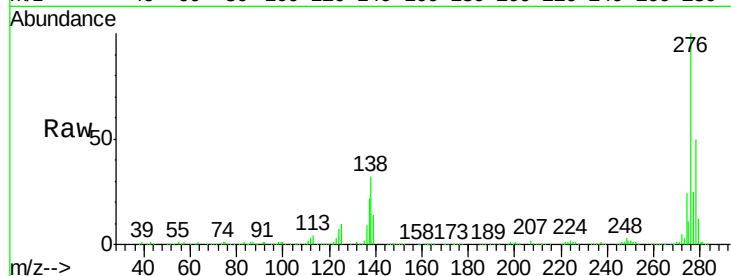
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.00 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.03 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.1	21.8	32.6
277	25.0	20.2	30.4

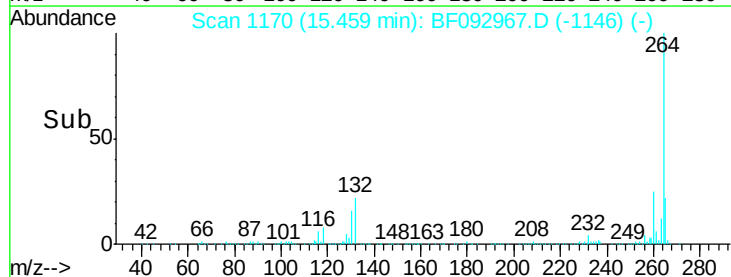
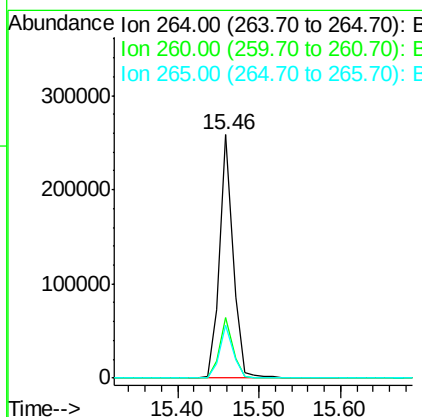
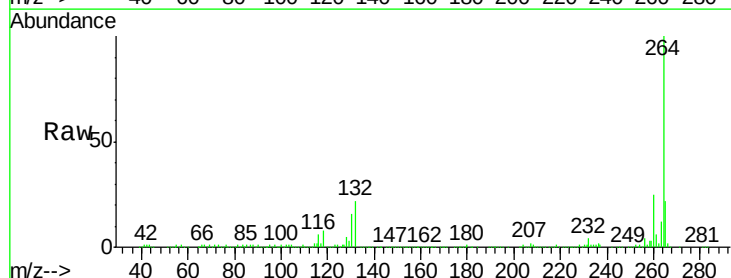
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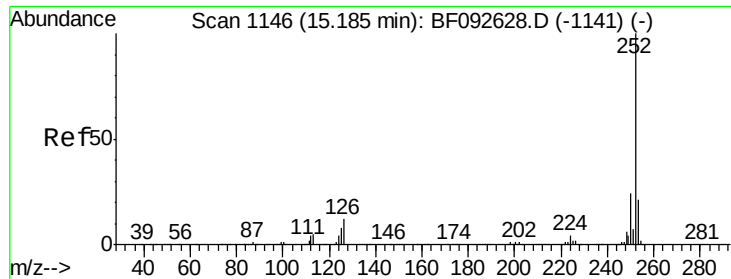
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.7	17.4	26.0





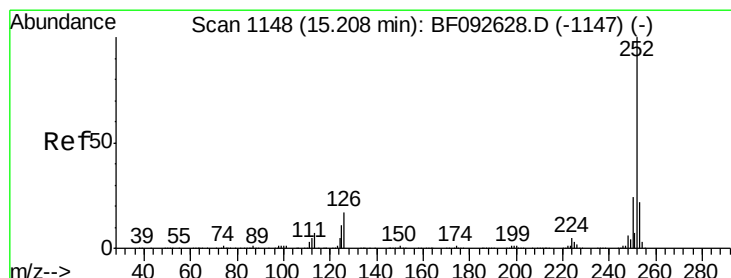
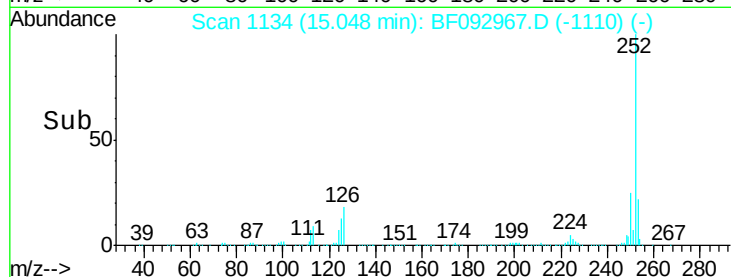
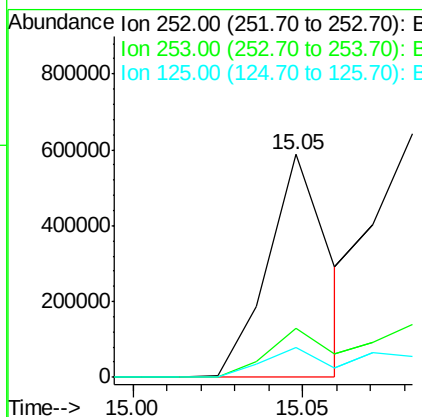
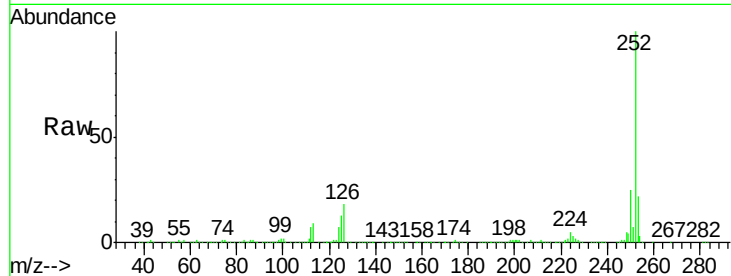
#87
Benzo(b)fluoranthene
Concen: 37.42 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	13.2	9.8	14.6

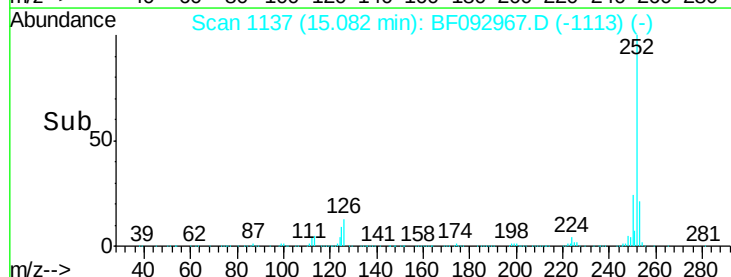
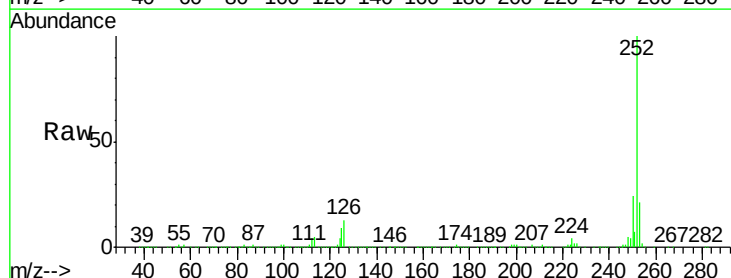
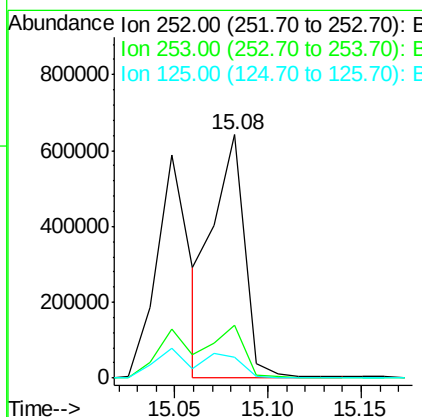
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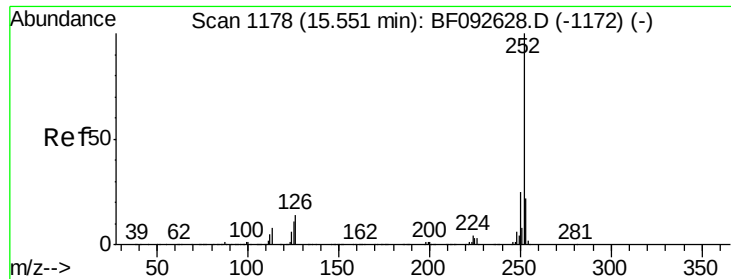
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#88
Benzo(k)fluoranthene
Concen: 44.86 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.5	27.7
125	8.7	8.9	13.3#





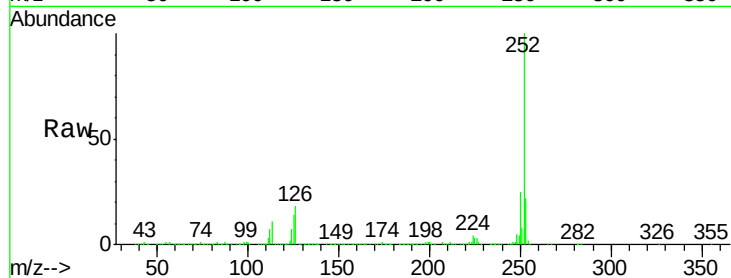
#89
Benzo(a)pyrene
Concen: 41.61 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Instrument :
BNA_F
ClientSampleId :
H-1MS

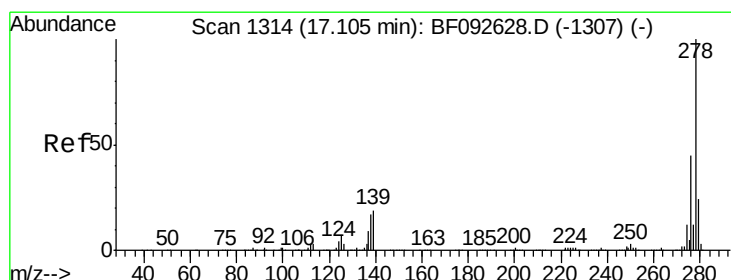
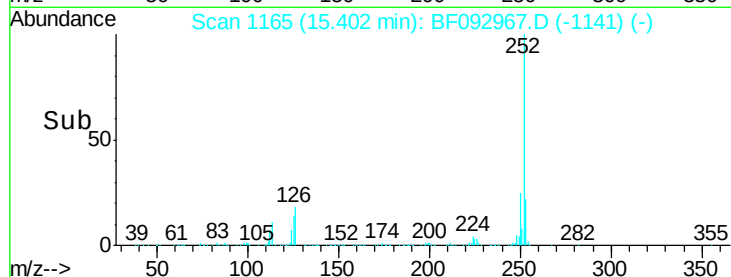
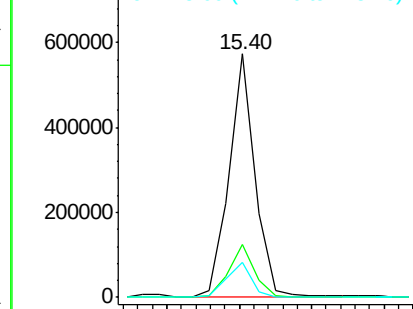
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	14.1	10.0	15.0

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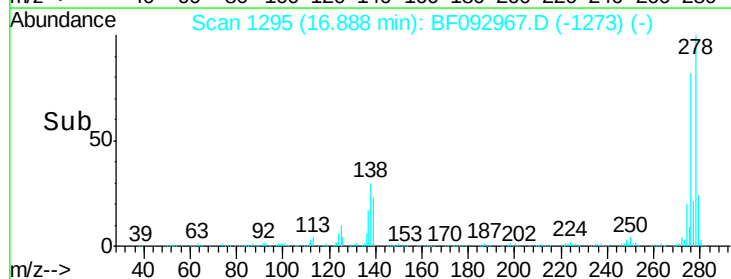
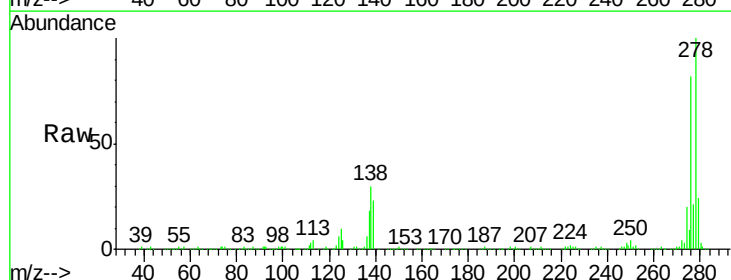
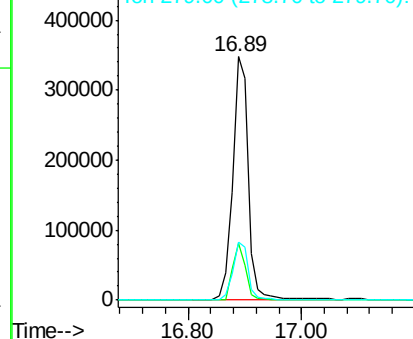
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

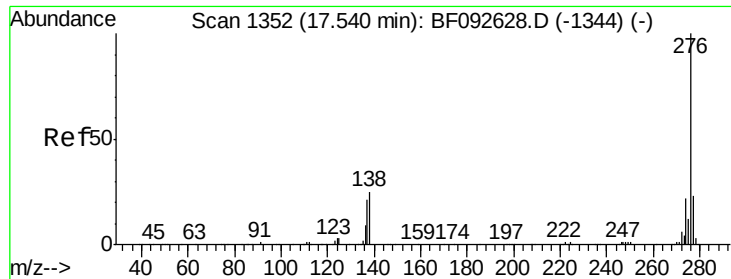


#90
Dibenzo(a,h)anthracene
Concen: 49.32 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.05 min
Lab File: BF092967.D
Acq: 15 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	14.8	22.2#
279	24.0	19.8	29.6

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 49.40 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092967.D
 Acq: 15 Feb 2017 22:42

Instrument :
 BNA_F
 ClientSampleId :
 H-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.3	19.2	28.8
138	26.0	16.0	24.0

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