

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021417\
 Data File : BF092947.D
 Acq On : 14 Feb 2017 16:42
 Operator : SJ/MA
 Sample : I1792-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Manual Integrations
 APPROVED

mohammad
 2/15/2017 9:06:03 AM

Quant Time: Feb 14 17:13:03 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	150762	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	619848	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	321205	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	531793	20.00	ng	0.00
75) Chrysene-d12	14.03	240	277916	20.00	ng	-0.02
86) Perylene-d12	15.47	264	285913	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1387688	157.91	ng	0.01
7) Phenol-d6	6.53	99	1771051	156.64	ng	0.00
23) Nitrobenzene-d5	7.46	82	1156926	103.94	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	375176	161.49	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1701831	95.99	ng	0.00
78) Terphenyl-d14	12.98	244	1453855	122.92	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	189772	39.97	ng	# 84
3) Pyridine	3.26	79	516757	42.80	ng	89
4) n-Nitrosodimethylamine	3.22	42	288808	50.94	ng	83
6) Aniline	6.54	93	351021	22.76	ng	# 26
8) 2-Chlorophenol	6.67	128	502635	51.85	ng	99
9) Benzaldehyde	6.43	77	131874	16.28	ng	95
10) Phenol	6.54	94	757822	57.29	ng	79
11) bis(2-Chloroethyl)ether	6.62	93	532624	50.44	ng	98
12) 1,3-Dichlorobenzene	6.82	146	519387m	45.74	ng	
13) 1,4-Dichlorobenzene	6.90	146	546877	47.59	ng	97
14) 1,2-Dichlorobenzene	7.06	146	507111m	46.15	ng	
15) Benzyl Alcohol	7.04	79	432458	51.66	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	866035	47.21	ng	97
17) 2-Methylphenol	7.15	107	438501	52.72	ng	97
18) Hexachloroethane	7.39	117	184556	47.04	ng	88
19) n-Nitroso-di-n-propylamine	7.31	70	373192	51.85	ng	# 94
20) 3+4-Methylphenols	7.30	107	502820	50.57	ng	# 74
22) Acetophenone	7.30	105	648517	45.82	ng	# 93
24) Nitrobenzene	7.47	77	529248	46.31	ng	97
25) Isophorone	7.71	82	1028249	49.57	ng	97
26) 2-Nitrophenol	7.79	139	302901	55.75	ng	# 83
27) 2,4-Dimethylphenol	7.82	122	465364	48.77	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	636088	46.30	ng	100
29) 2,4-Dichlorophenol	8.03	162	429959	48.32	ng	91
30) 1,2,4-Trichlorobenzene	8.11	180	458936	47.86	ng	96
31) Naphthalene	8.19	128	1395157	44.40	ng	99
32) Benzoic acid	7.93	122	86839	20.83	ng	97
33) 4-Chloroaniline	8.24	127	163099	13.24	ng	95
34) Hexachlorobutadiene	8.30	225	233505	44.26	ng	99
35) Caprolactam	8.62	113	145433m	51.96	ng	
36) 4-Chloro-3-methylphenol	8.74	107	495834	53.44	ng	90
37) 2-Methylnaphthalene	8.88	142	909807	45.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	439940	48.79	ng	99
40) Hexachlorocyclopentadiene	9.04	237	284329	69.89	ng	99

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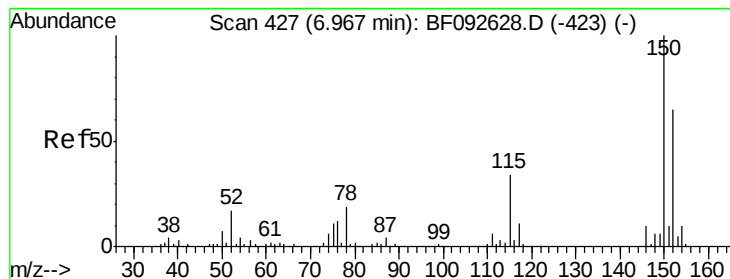
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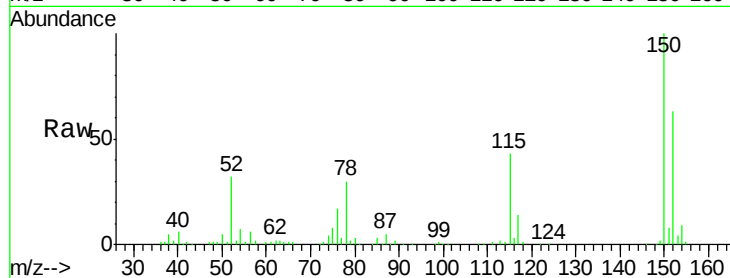
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	305949	51.64	ng	93
43) 2,4,5-Trichlorophenol	9.21	196	311381	47.97	ng #	91
45) 1,1'-Biphenyl	9.34	154	1132389	48.69	ng	98
46) 2-Chloronaphthalene	9.37	162	864408	47.51	ng	97
47) 2-Nitroaniline	9.47	65	332257	54.31	ng	92
48) Acenaphthylene	9.78	152	1402081	44.61	ng	99
49) Dimethylphthalate	9.65	163	1405577	64.97	ng	100
50) 2,6-Dinitrotoluene	9.71	165	232664	49.80	ng #	85
51) Acenaphthene	9.95	154	859296	45.73	ng	97
52) 3-Nitroaniline	9.88	138	160941	30.10	ng #	76
53) 2,4-Dinitrophenol	9.98	184	162025	68.87	ng #	67
54) Dibenzofuran	10.12	168	1164741	46.34	ng	98
55) 4-Nitrophenol	10.05	139	334903	86.96	ng	91
56) 2,4-Dinitrotoluene	10.11	165	292500	47.02	ng	94
57) Fluorene	10.46	166	865603	44.76	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	255618	59.03	ng	94
59) Diethylphthalate	10.34	149	1041014	51.06	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	405976	43.70	ng	98
61) 4-Nitroaniline	10.50	138	258095	47.13	ng	87
62) Azobenzene	10.61	77	1088799	51.69	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	158671	48.96	ng #	70
65) n-Nitrosodiphenylamine	10.58	169	790677	46.54	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	243088	43.75	ng	98
67) Hexachlorobenzene	11.01	284	252318	45.96	ng #	92
68) Atrazine	11.10	200	238692	43.78	ng	99
69) Pentachlorophenol	11.21	266	264727	92.19	ng	97
70) Phenanthrene	11.42	178	1304131	42.80	ng	99
71) Anthracene	11.48	178	1502881	49.12	ng	98
72) Carbazole	11.63	167	1157099	39.56	ng	100
73) Di-n-butylphthalate	11.96	149	1564662	49.47	ng #	98
74) Fluoranthene	12.61	202	1416773	45.08	ng	96
76) Benzidine	12.73	184	397982	33.61	ng	96
77) Pyrene	12.84	202	1371327	65.93	ng	99
79) Butylbenzylphthalate	13.46	149	635743	75.27	ng #	78
80) Benzo(a)anthracene	14.03	228	916944	53.94	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	173467	28.63	ng	98
82) Chrysene	14.07	228	896159	56.31	ng	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	756611	65.50	ng	99
84) Di-n-octyl phthalate	14.63	149	1201661	63.89	ng	100
85) Indeno(1,2,3-cd)pyrene	16.90	276	937198	76.03	ng	95
87) Benzo(b)fluoranthene	15.06	252	876012m	46.55	ng	
88) Benzo(k)fluoranthene	15.08	252	750116m	46.17	ng	
89) Benzo(a)pyrene	15.41	252	791088	48.60	ng	99
90) Dibenzo(a,h)anthracene	16.91	278	762896	57.99	ng	98
91) Benzo(g,h,i)perylene	17.32	276	811853	61.08	ng #	90

(#) = 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: BF092947.D
 Acq: 14 Feb 2017 16:42

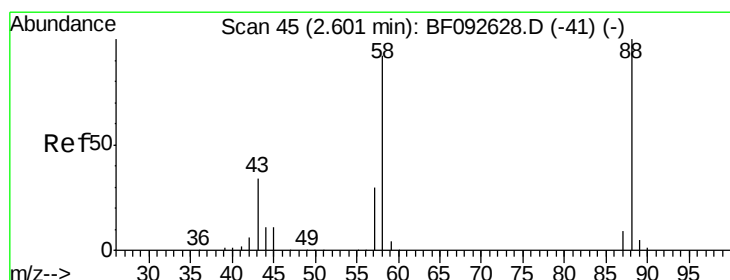
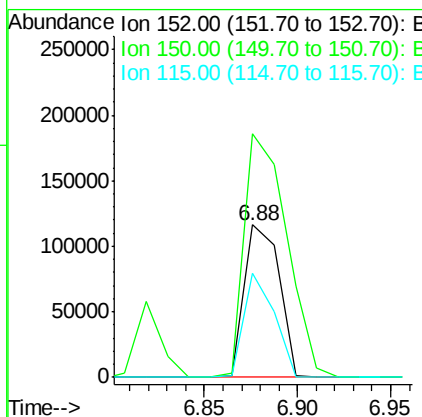
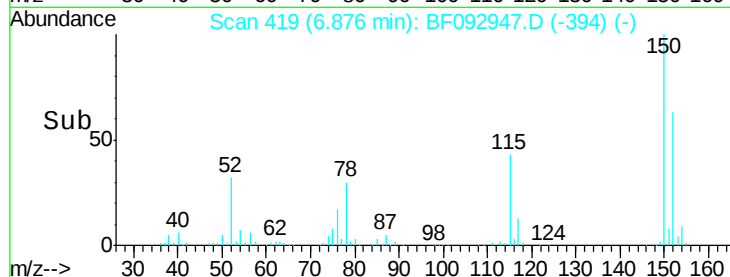
Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.9	187.3
115	68.4	46.0	69.0

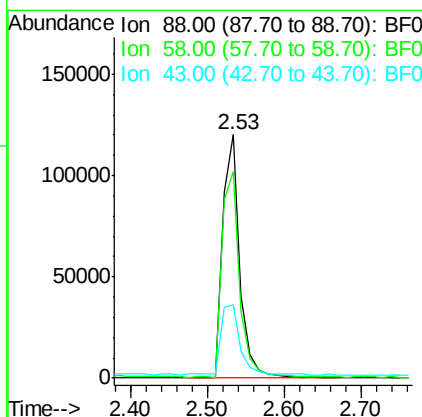
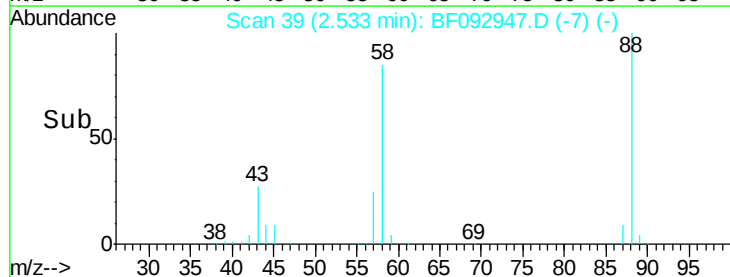
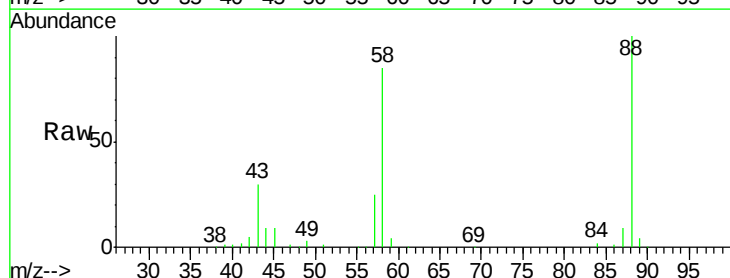
Manual Integrations
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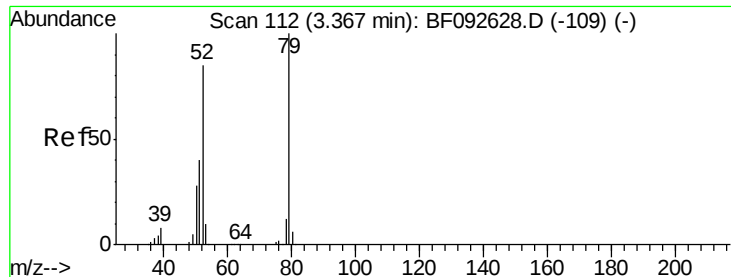
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#2
 1,4-Dioxane
 Concen: 39.97 ng
 RT: 2.53 min Scan# 39
 Delta R.T. 0.07 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.9	57.8	86.8#
43	32.4	22.3	33.5





#3

Pyridine

Concen: 42.80 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.07 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

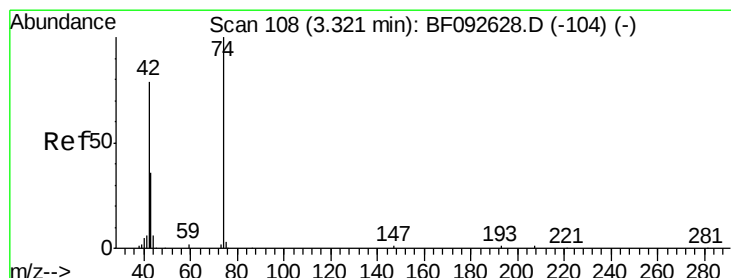
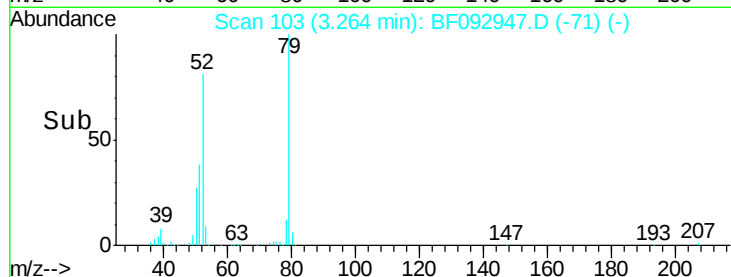
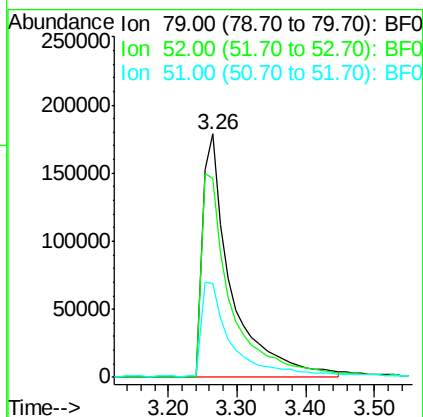
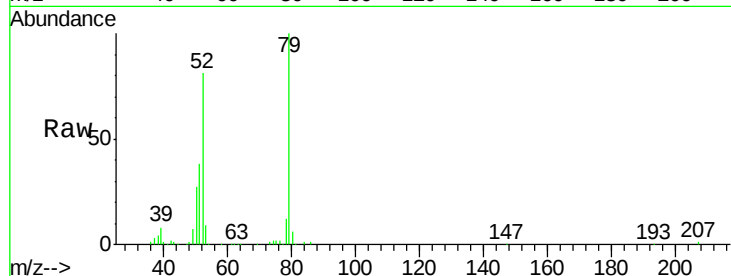
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:	79	Resp:	516757
Ion Ratio	Lower	Upper	
79	100		
52	81.5	57.1	85.7
51	38.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 50.94 ng

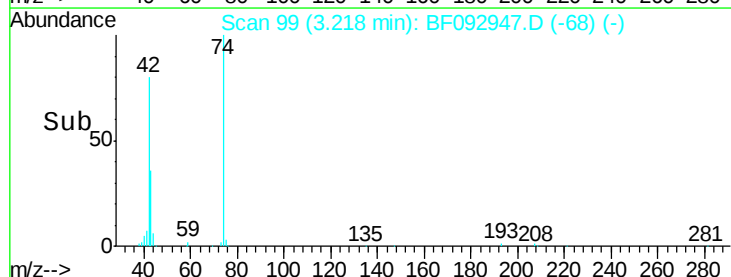
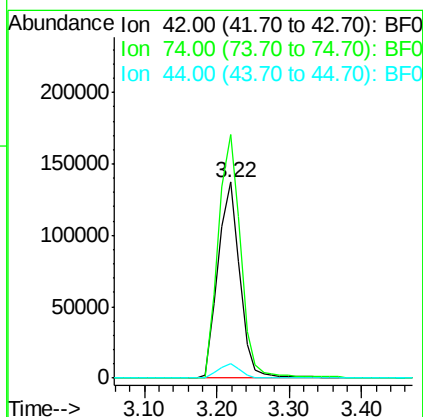
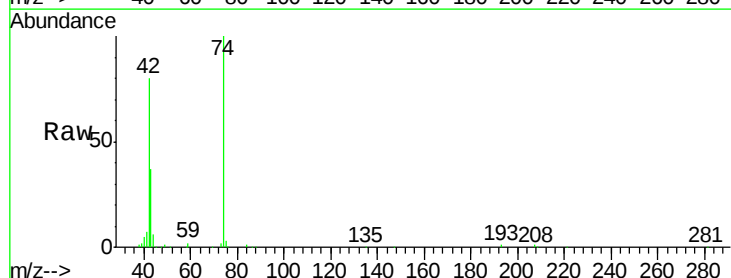
RT: 3.22 min Scan# 99

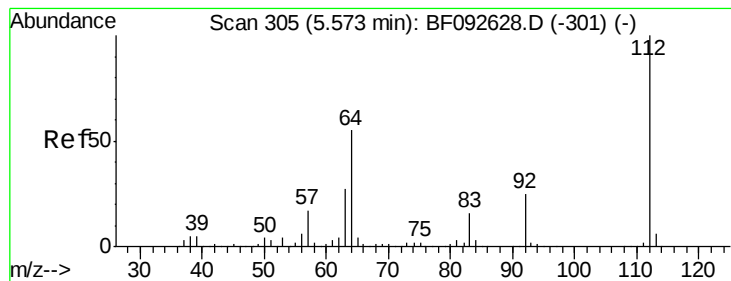
Delta R.T. 0.06 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion:	42	Resp:	288808
Ion Ratio	Lower	Upper	
42	100		
74	124.3	117.0	175.4
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 157.91 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion: 112 Resp: 1387688

Ion Ratio Lower Upper

112 100

64 62.3 46.1 69.1

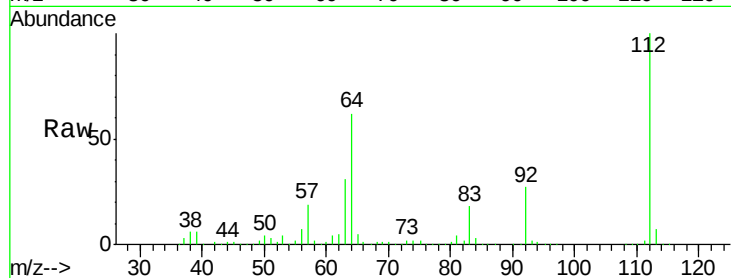
63 31.4 23.8 35.6

Manual Integrations

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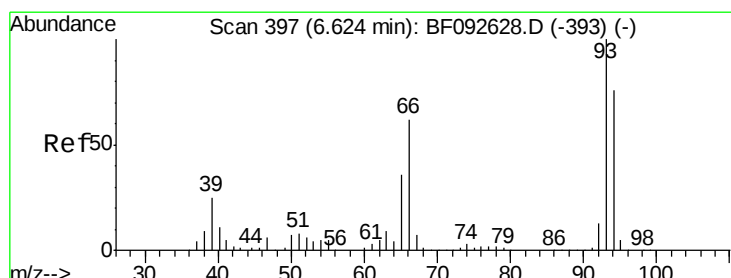
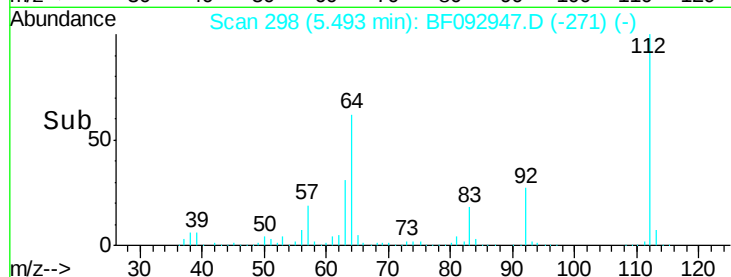
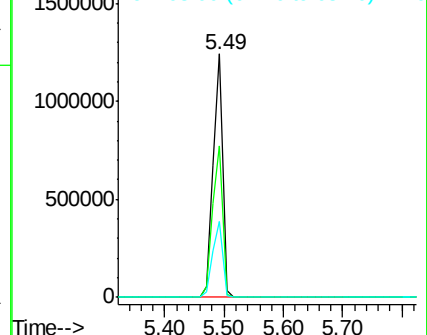
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.76 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

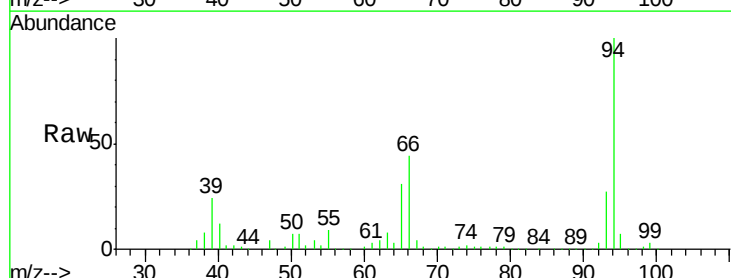
Tgt Ion: 93 Resp: 351021

Ion Ratio Lower Upper

93 100

66 167.3 76.2 114.2#

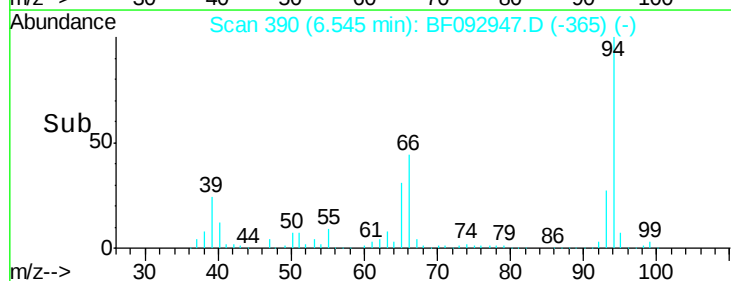
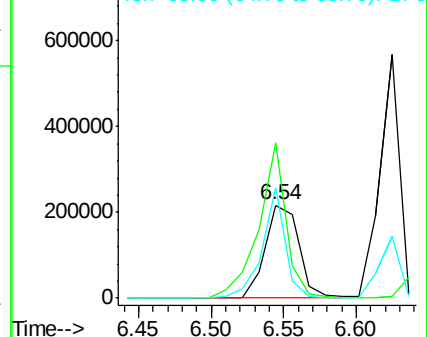
65 118.5 49.3 73.9#

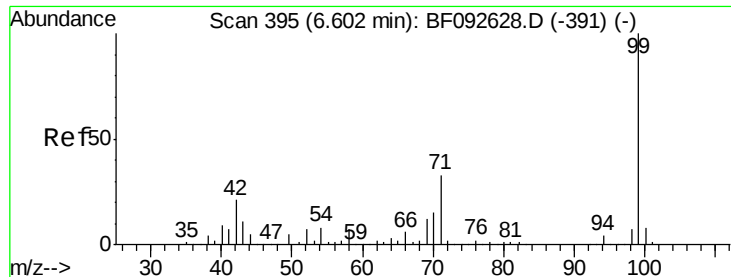


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 156.64 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion: 99 Resp: 1771051

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

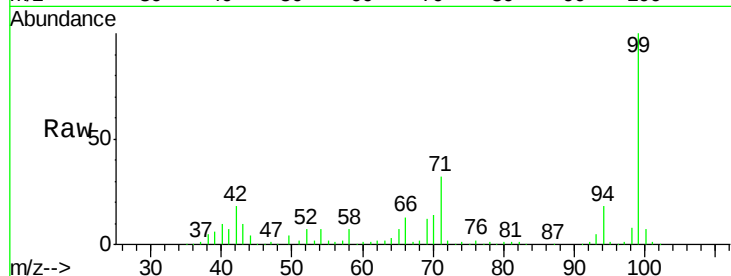
71 31.8 27.5 41.3

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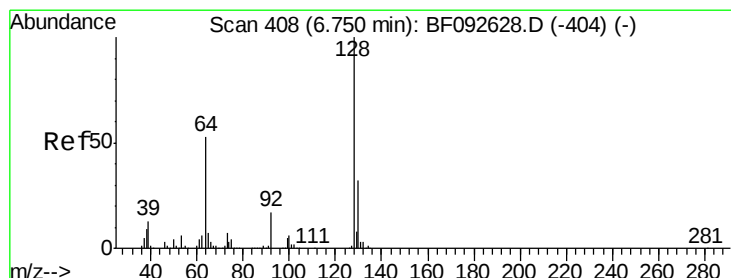
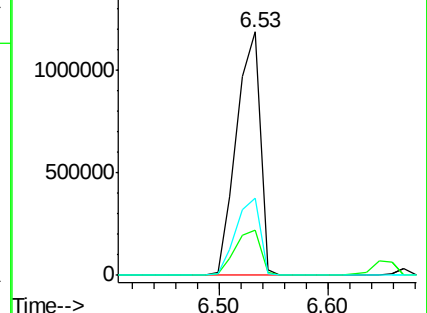
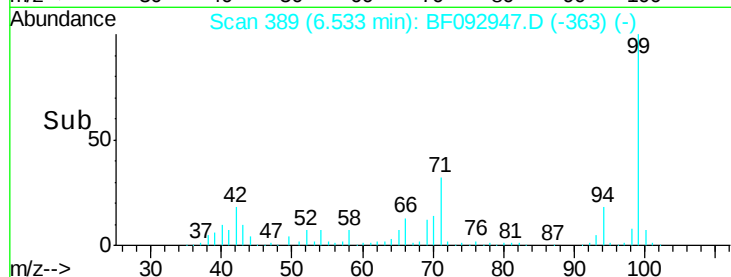
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.85 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

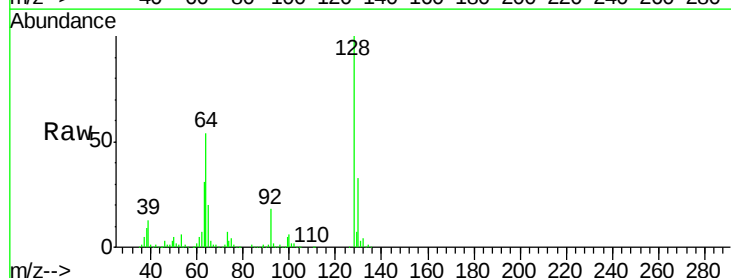
Tgt Ion: 128 Resp: 502635

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

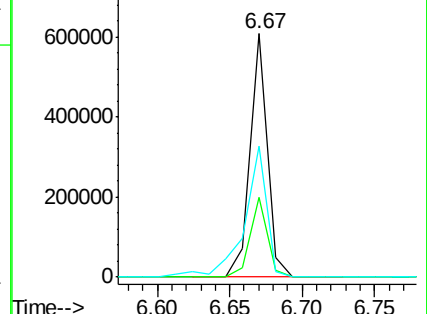
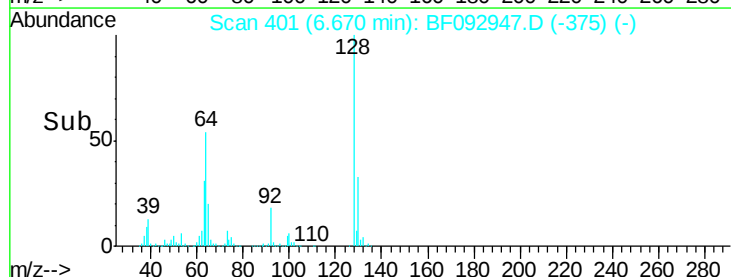
64 53.6 32.2 72.2



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: 16.28 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

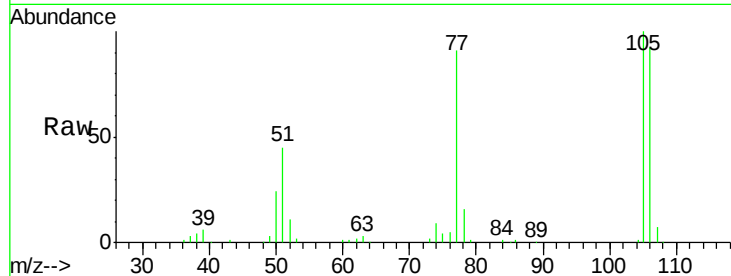
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:	77	Resp:	131874
Ion	Ratio	Lower	Upper
77	100		
105	109.9	83.9	123.9
106	101.3	77.6	117.6

Manual Integrations
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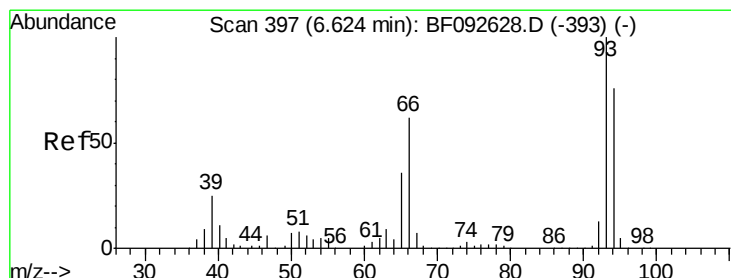
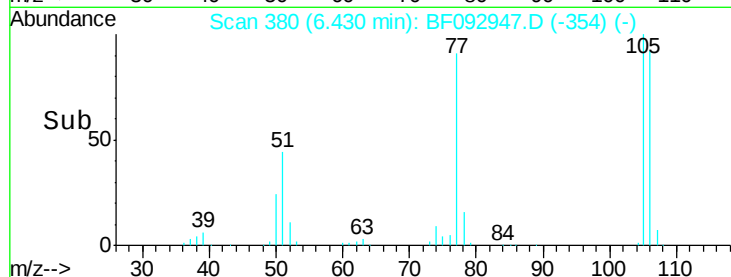
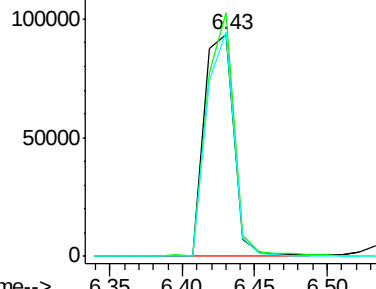
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 57.29 ng

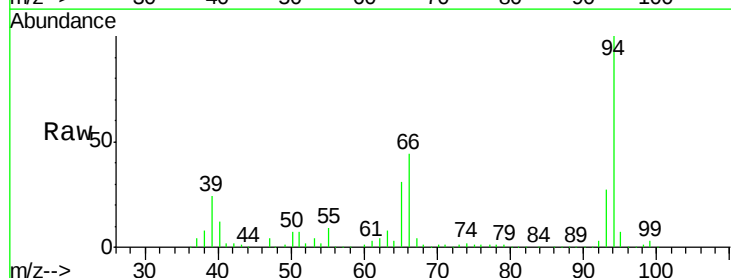
RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

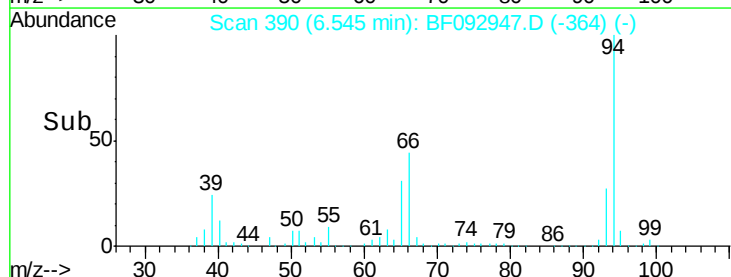
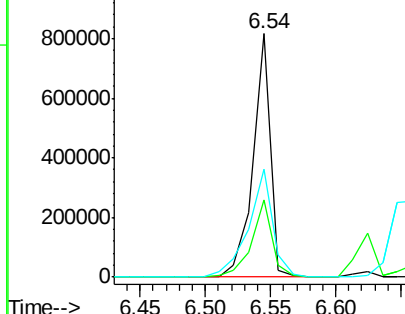
Tgt Ion:	94	Resp:	757822
Ion	Ratio	Lower	Upper
94	100		
65	31.5	21.4	61.4
66	44.4	44.0	84.0

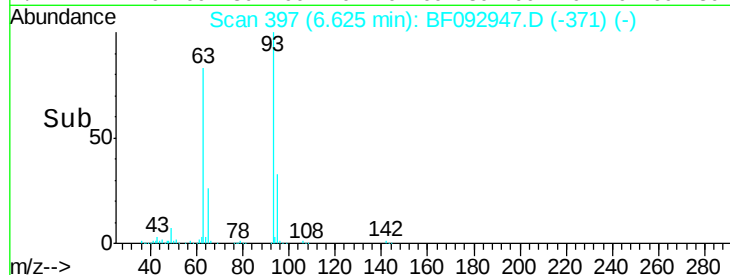
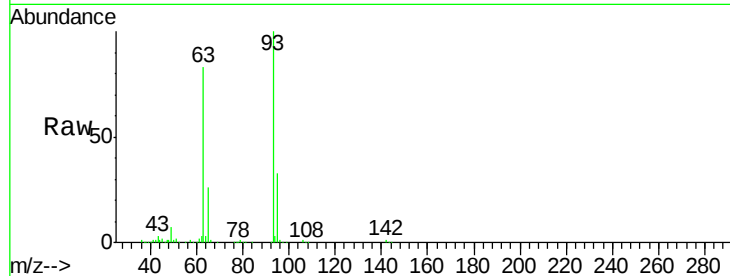


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





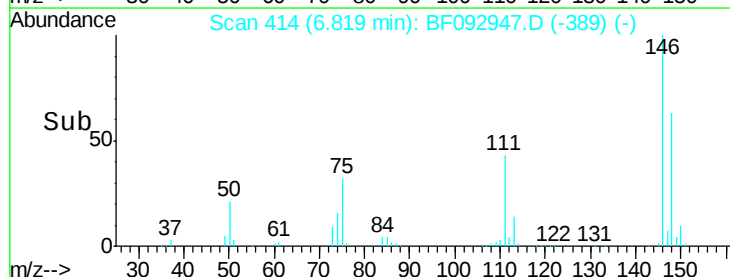
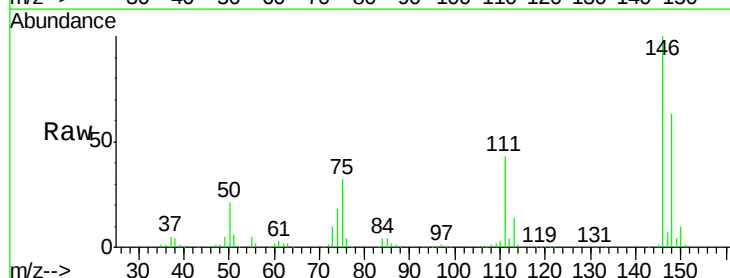
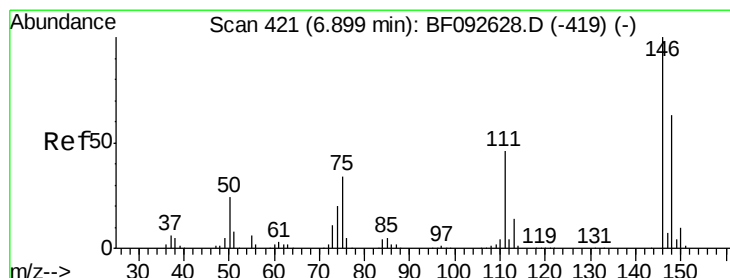
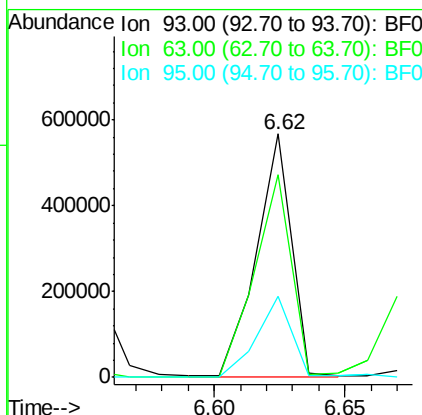
#11
bis(2-Chloroethyl)ether
Concen: 50.44 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion:	93	Resp:	532624
Ion	Ratio	Lower	Upper
93	100		
63	83.1	60.4	100.4
95	33.1	12.8	52.8

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

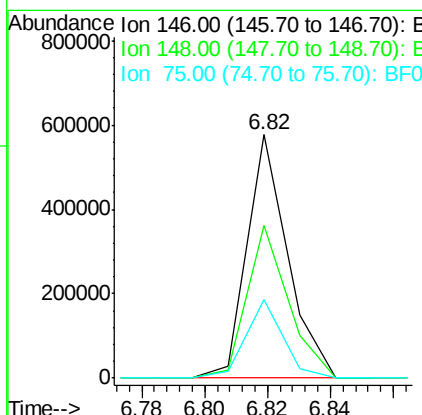
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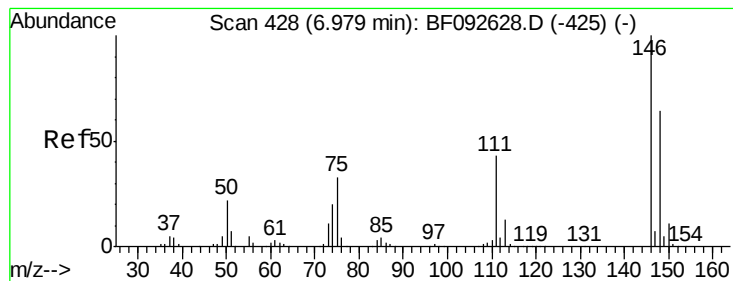
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.74 ng m
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion:	146	Resp:	519387
Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.4	80.0
75	32.3	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 47.59 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

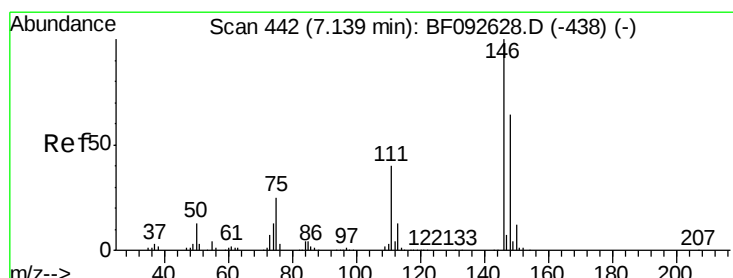
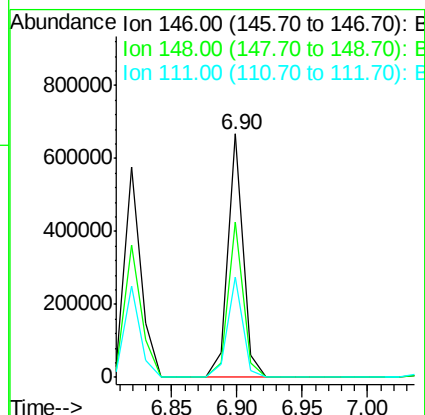
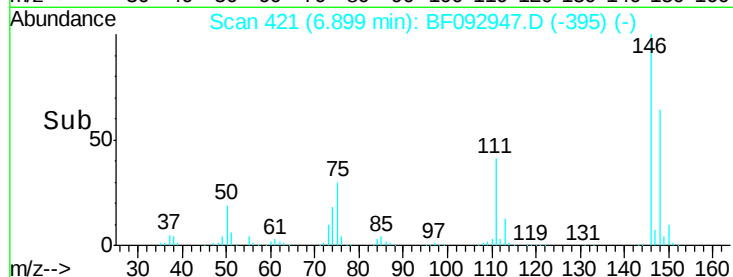
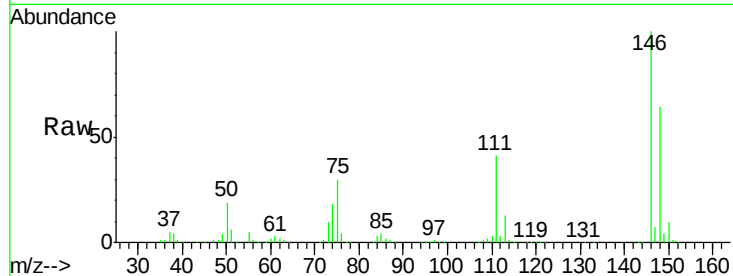
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:	146	Resp:	546877
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	76.0
111	41.0	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 46.15 ng m

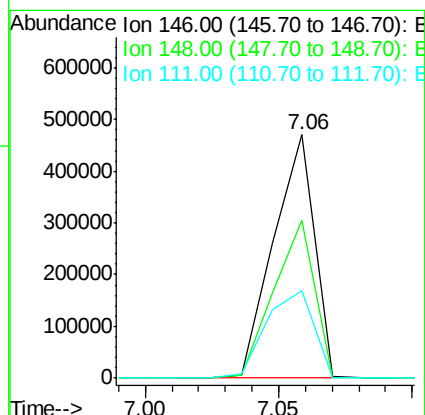
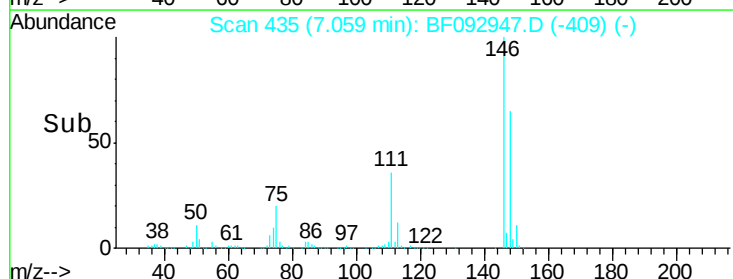
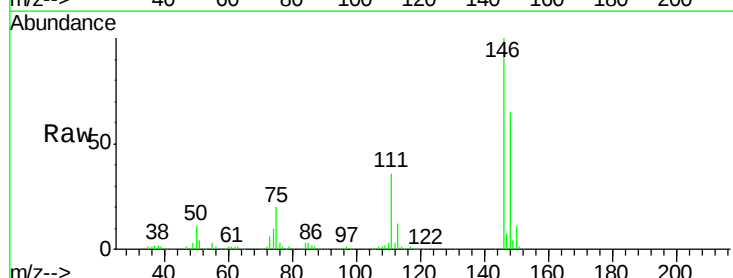
RT: 7.06 min Scan# 435

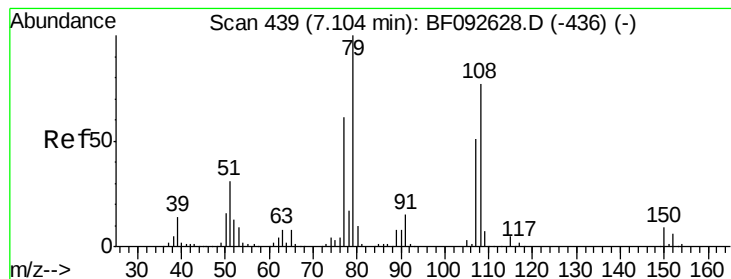
Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion:	146	Resp:	507111
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.2
111	35.7	36.2	54.2#





#15

Benzyl Alcohol

Concen: 51.66 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion: 79 Resp: 432458

Ion Ratio Lower Upper

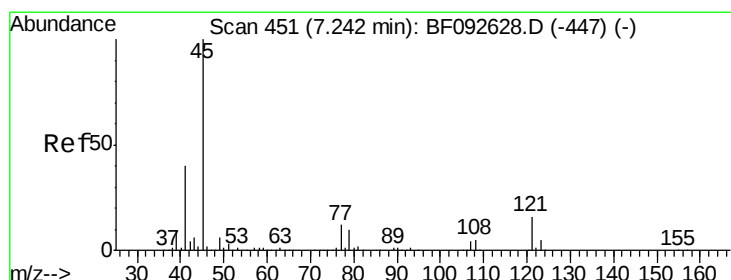
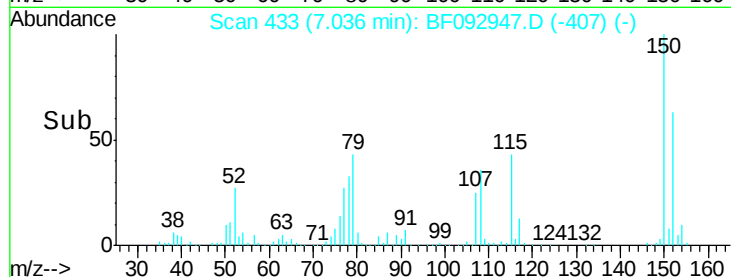
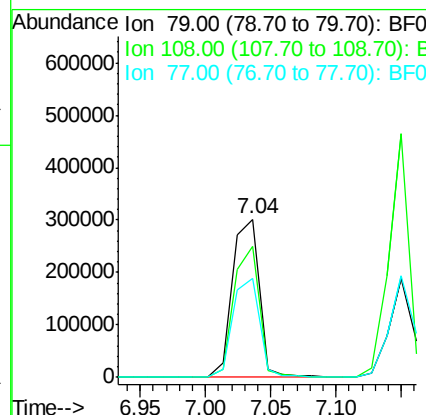
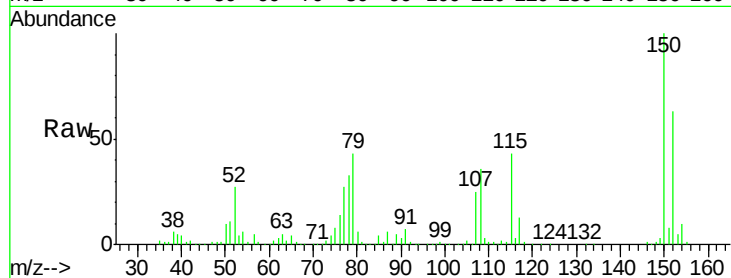
79 100

108 83.1 61.4 92.0

77 62.8 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.21 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

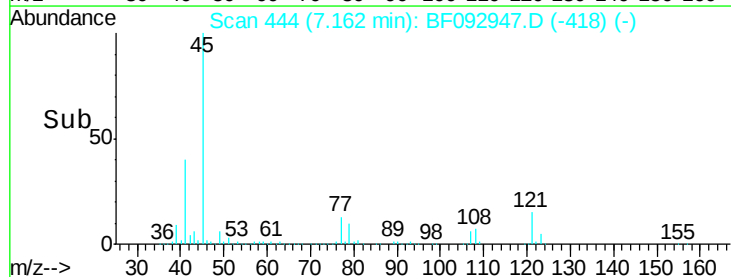
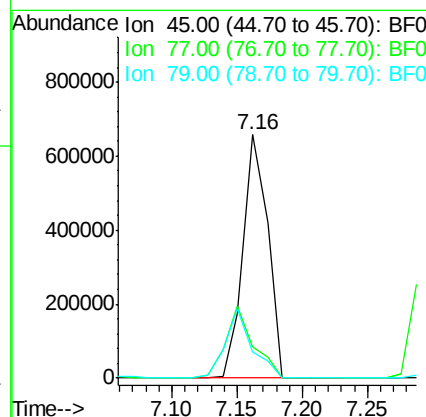
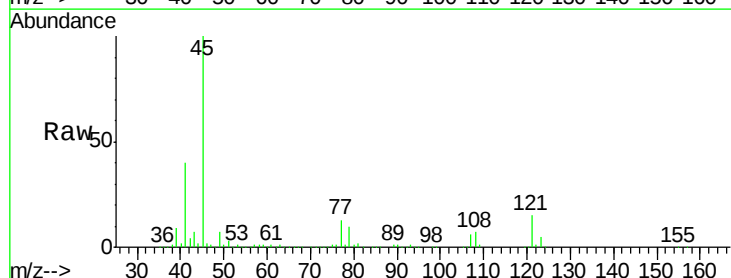
Tgt Ion: 45 Resp: 866035

Ion Ratio Lower Upper

45 100

77 12.9 0.0 34.6

79 10.5 0.0 31.2





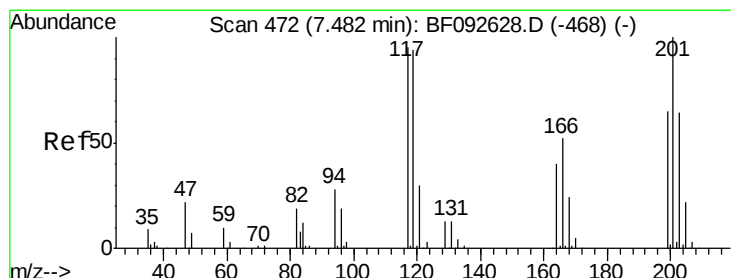
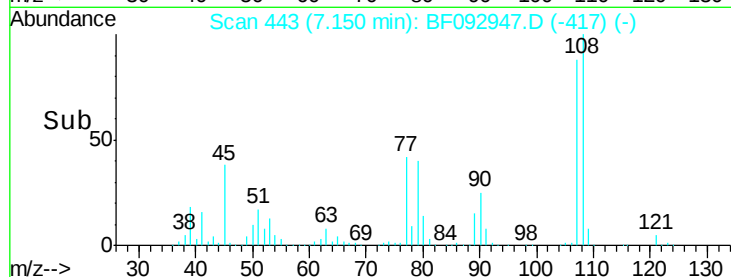
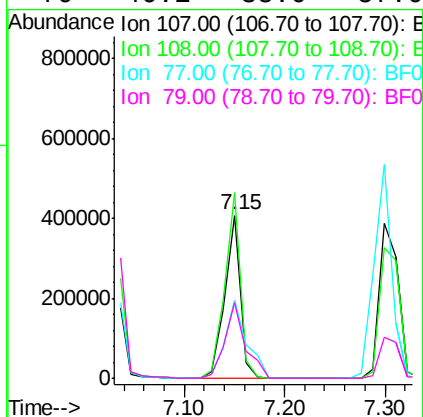
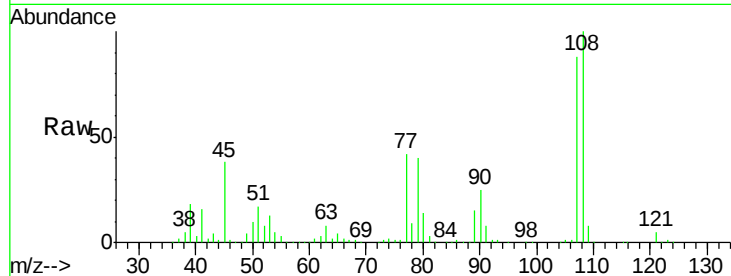
#17
2-Methylphenol
Concen: 52.72 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	438501		
108	113.8	93.0	139.6	
77	47.5	39.8	59.8	
79	46.1	38.0	57.0	

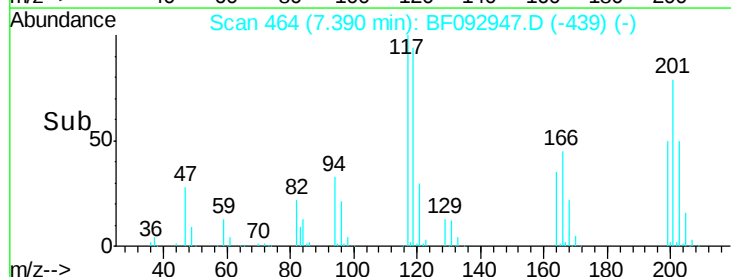
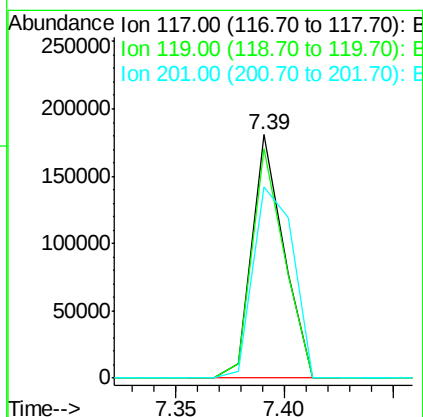
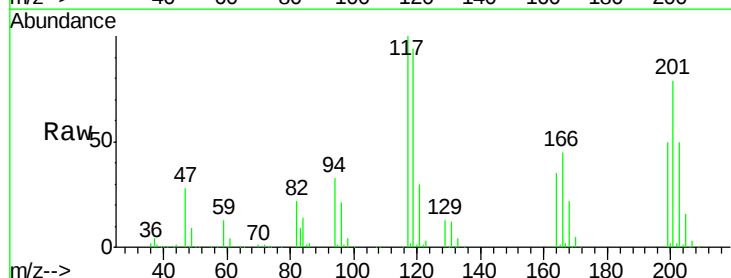
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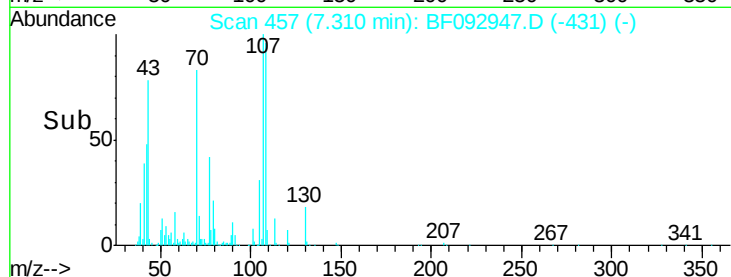
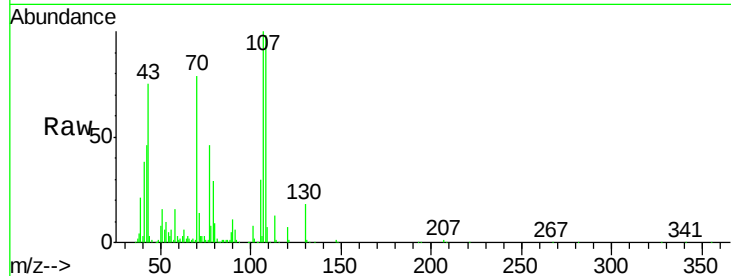
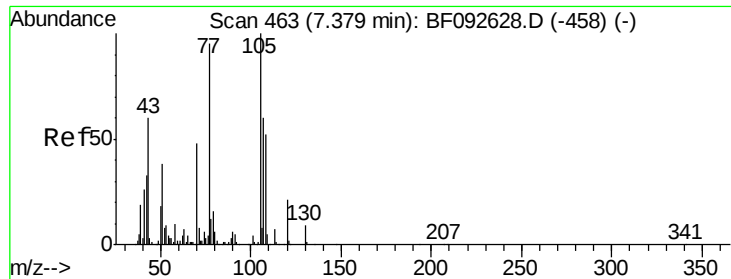
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#18
Hexachloroethane
Concen: 47.04 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	184556		
119	94.1	78.1	117.1	
201	78.7	78.6	117.8	





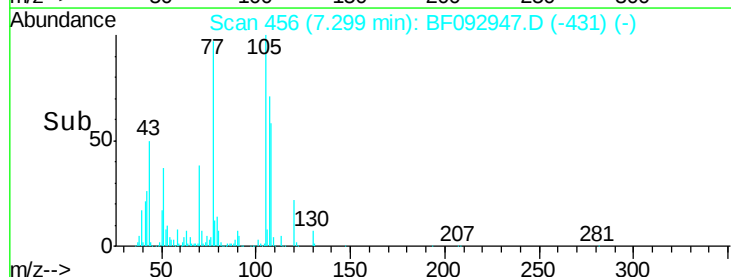
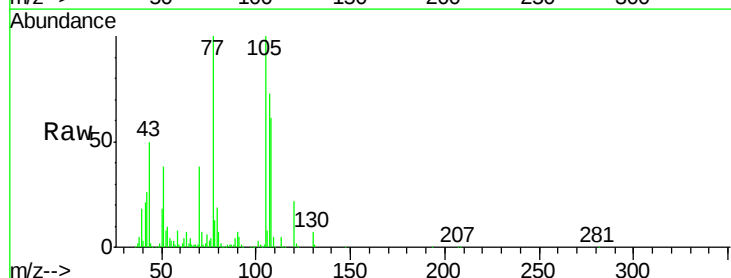
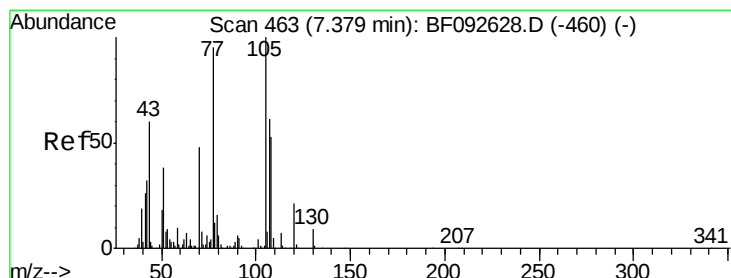
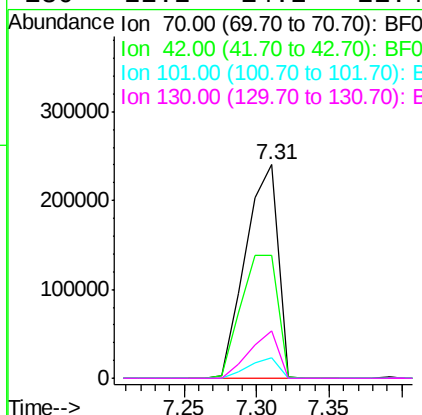
#19
n-Nitroso-di-n-propylamine
Concen: 51.85 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.8	49.4	74.0
101	9.8	7.4	11.2
130	22.2	14.2	21.4

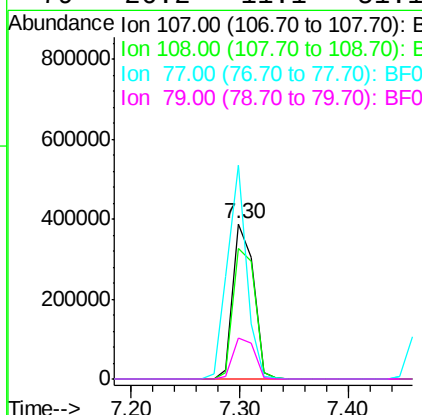
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#20
3+4-Methylphenols
Concen: 50.57 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	73.0	113.0
77	137.3	71.3	111.3
79	26.2	11.1	51.1





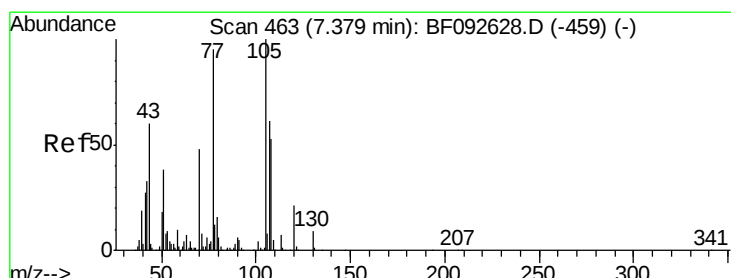
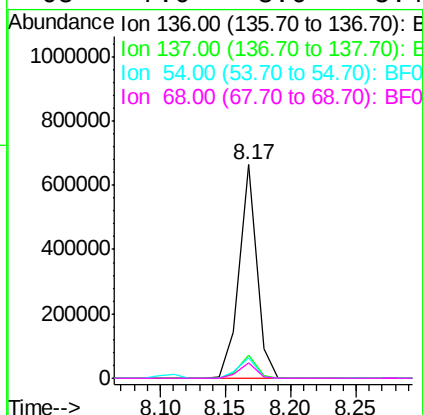
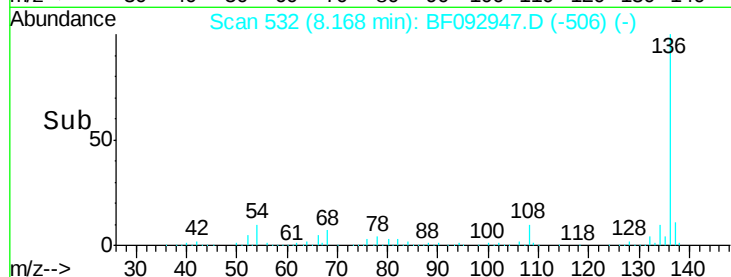
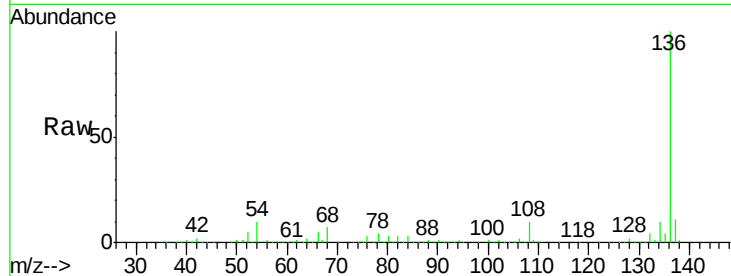
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	619848		
137	10.8	8.4	12.6	
54	9.7	4.5	6.7#	
68	7.0	3.6	5.4#	

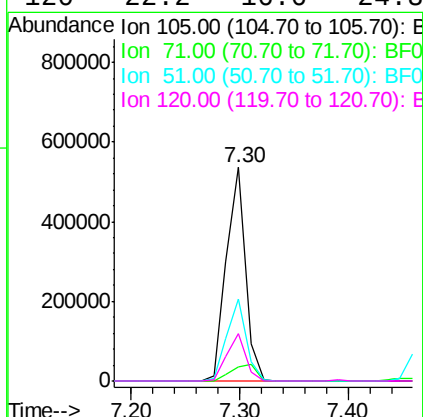
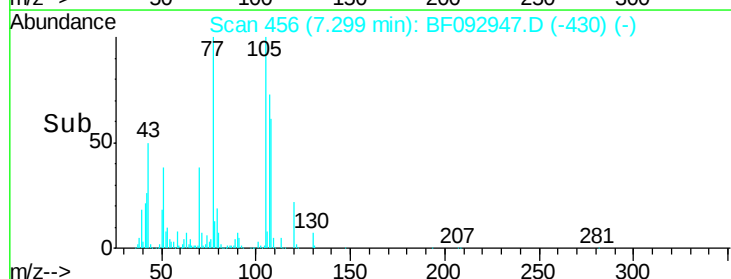
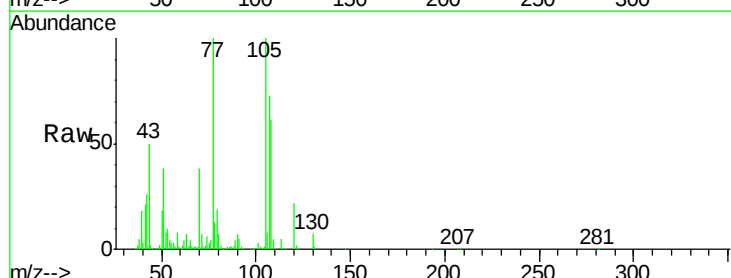
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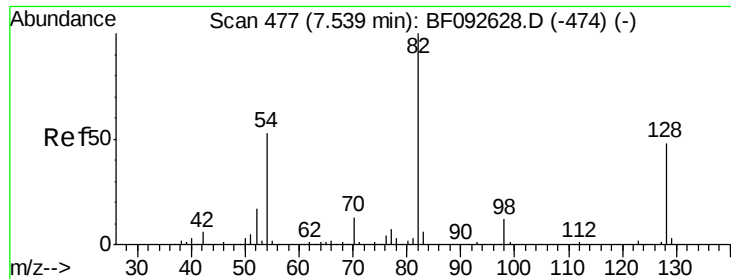
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#22
Acetophenone
Concen: 45.82 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	648517		
71	6.7	3.2	4.8#	
51	38.5	26.2	39.4	
120	22.2	16.6	24.8	





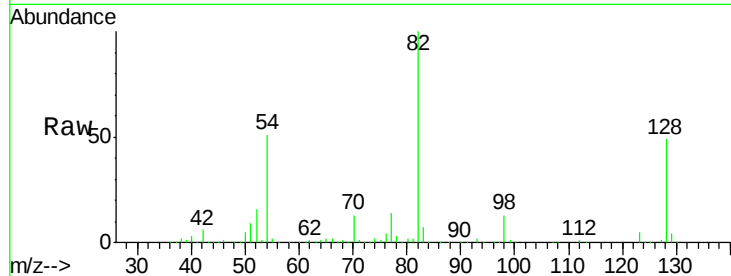
#23
 Nitrobenzene-d5
 Concen: 103.94 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

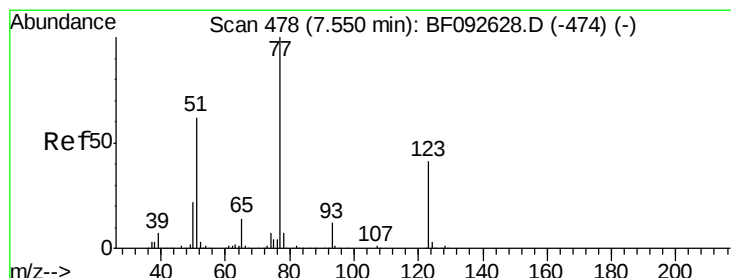
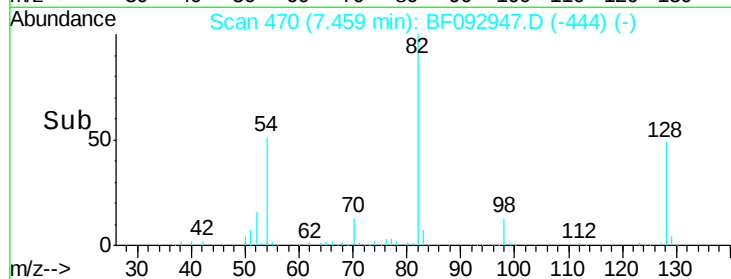
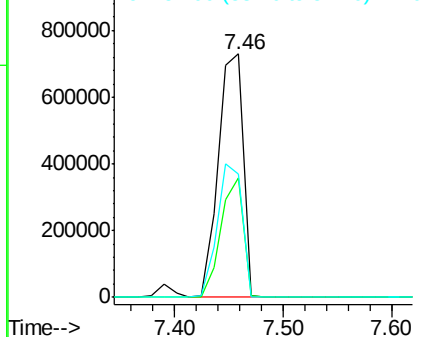
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.6	52.0
54	50.7	39.5	59.3

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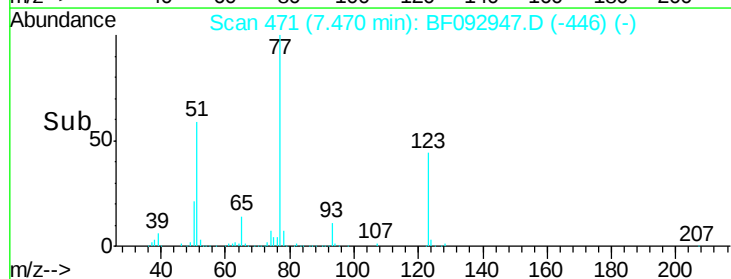
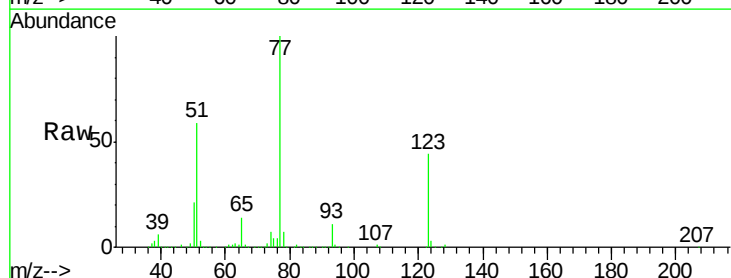
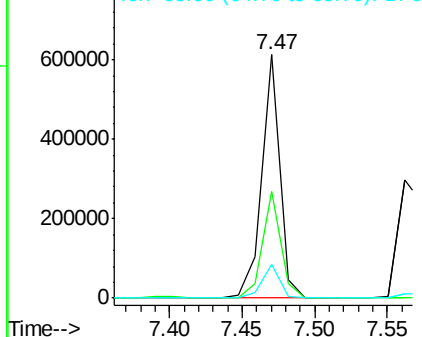
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

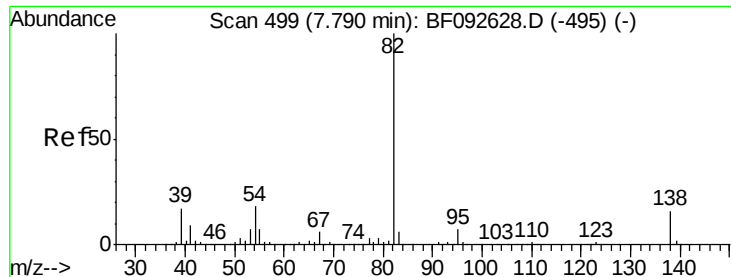


#24
 Nitrobenzene
 Concen: 46.31 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.0	49.4
65	13.7	11.2	16.8

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





#25

Isophorone

Concen: 49.57 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion: 82 Resp: 1028249

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

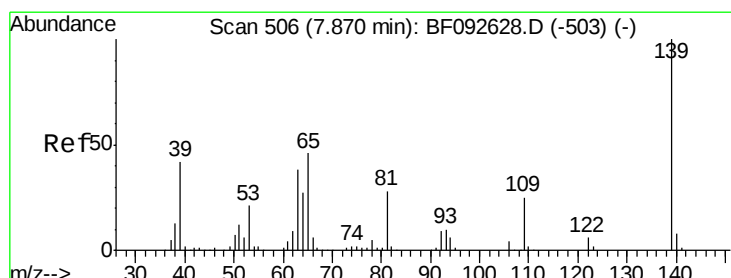
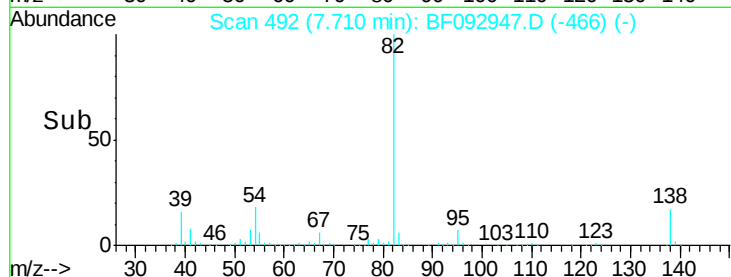
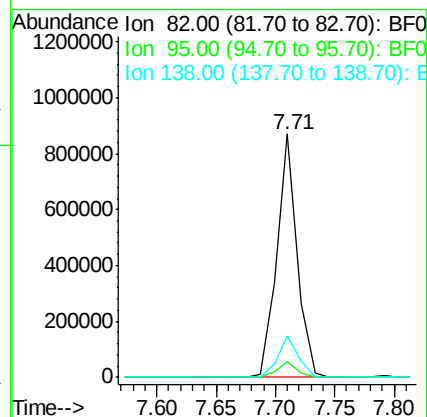
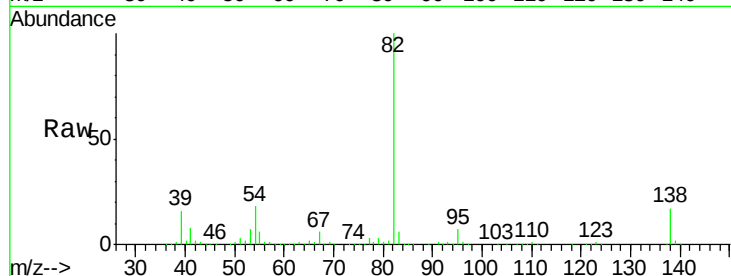
138 16.7 14.6 22.0

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#26

2-Nitrophenol

Concen: 55.75 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

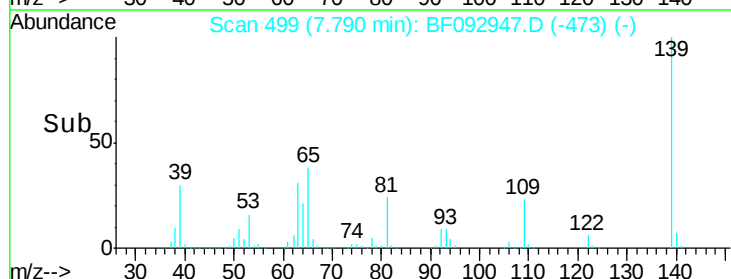
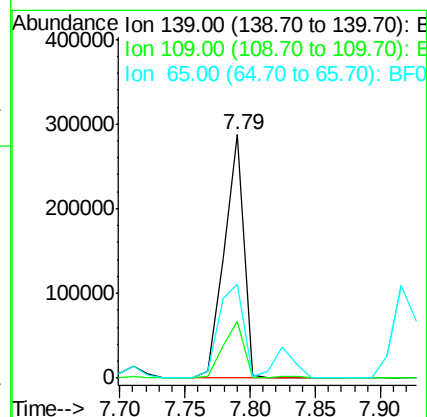
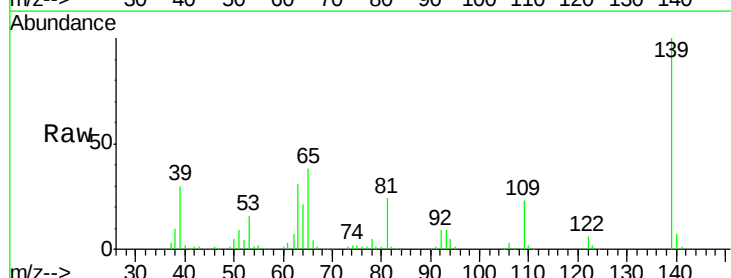
Tgt Ion: 139 Resp: 302901

Ion Ratio Lower Upper

139 100

109 23.3 23.3 34.9

65 38.4 42.7 64.1#





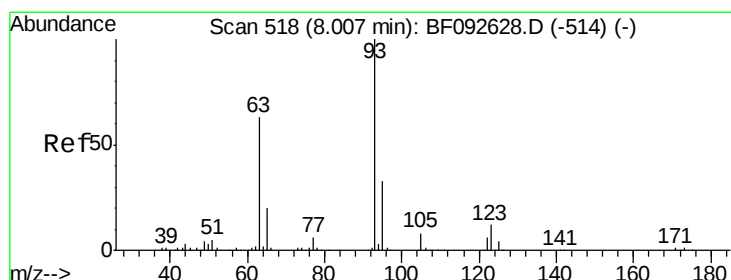
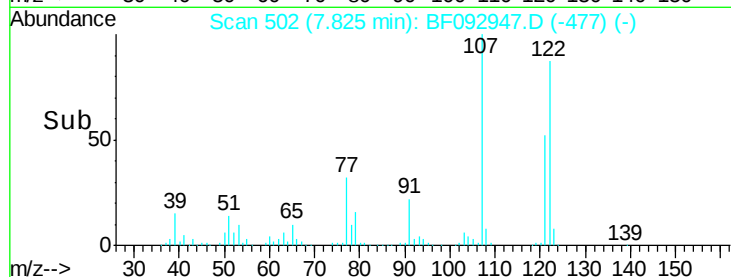
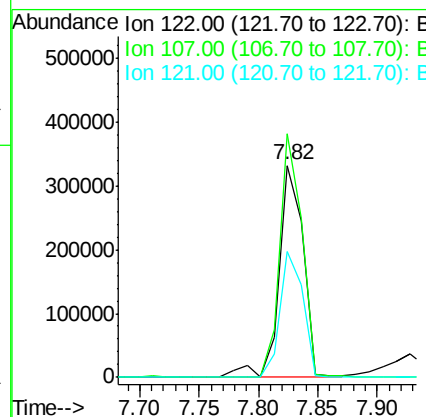
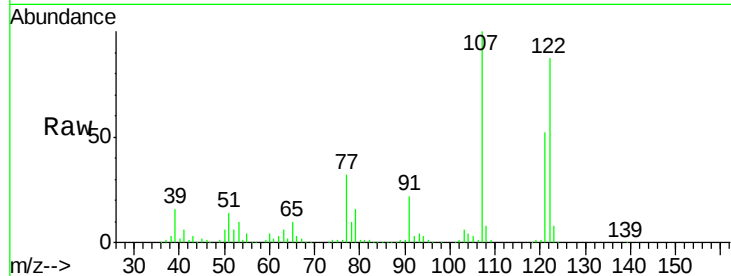
#27
2,4-Dimethylphenol
Concen: 48.77 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	465364		
107	115.0	94.1	141.1	
121	59.7	46.0	69.0	

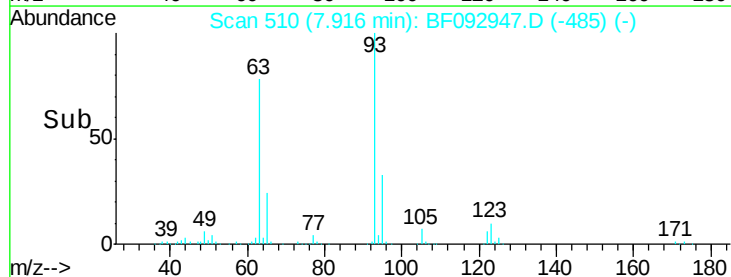
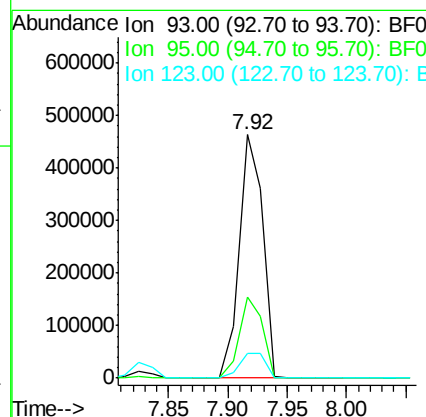
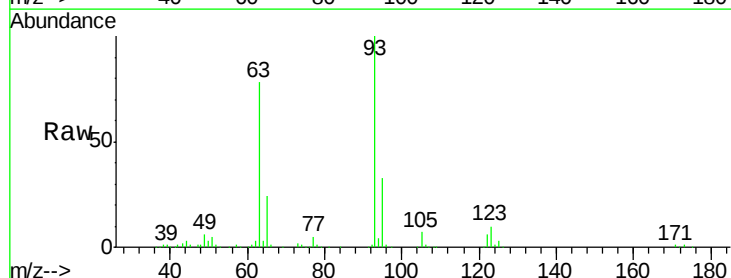
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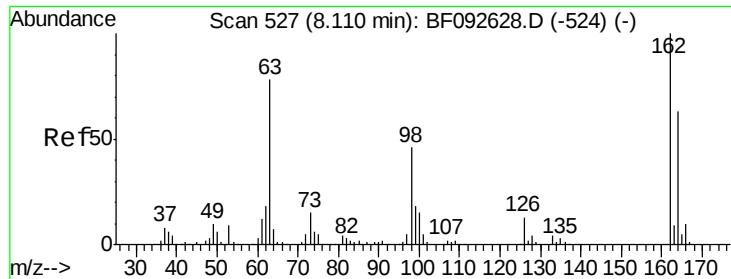
mohammad
2/15/2017 9:06:03 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.30 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	636088		
95	33.2	26.5	39.7	
123	10.4	8.6	13.0	





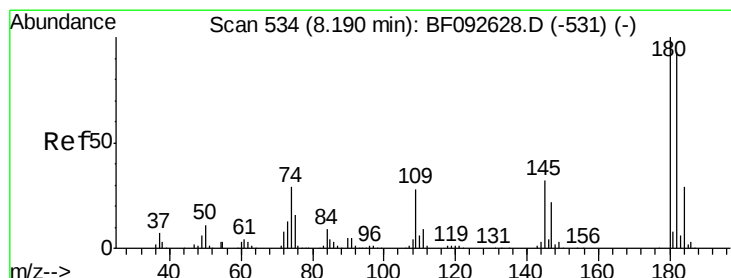
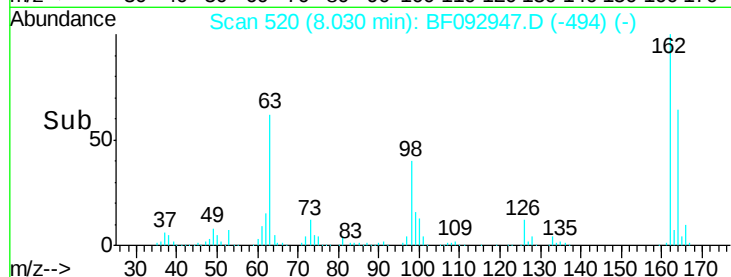
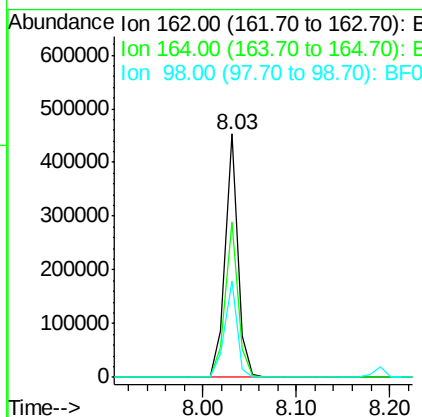
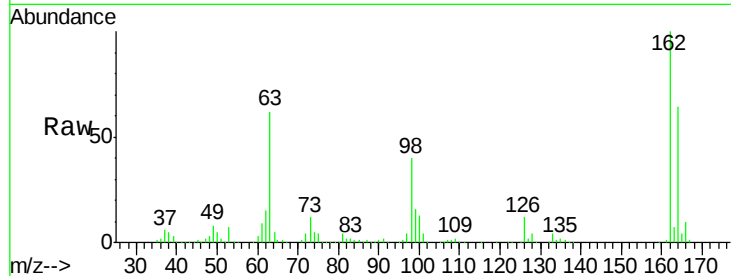
#29
 2,4-Dichlorophenol
 Concen: 48.32 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	429959		
164	63.7	46.8	86.8	
98	39.7	9.1	49.1	

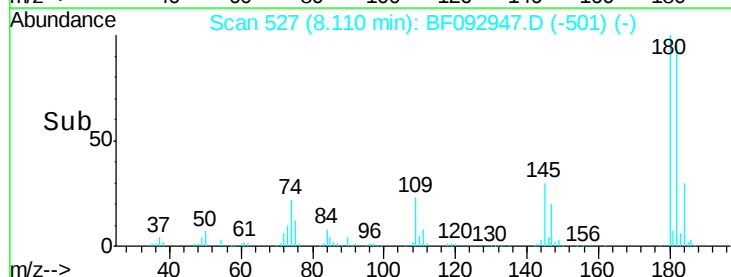
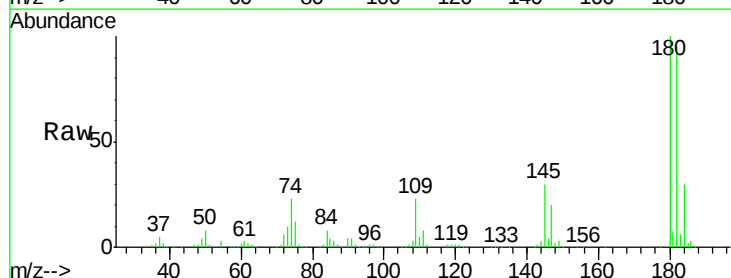
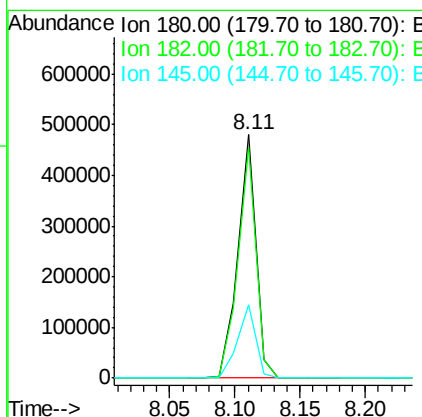
Manual Integrations
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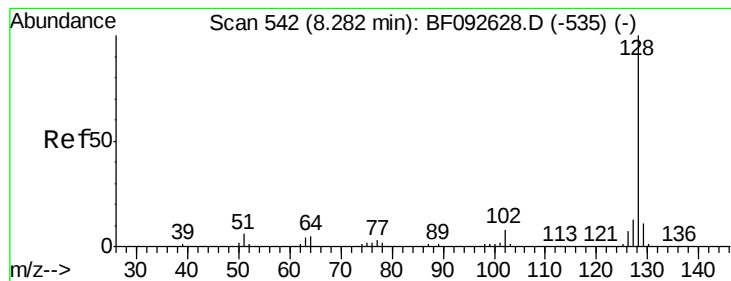
mohammad
 2/15/2017 9:06:03 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.86 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	458936		
182	95.0	78.2	117.4	
145	30.3	21.6	32.4	





#31

Naphthalene

Concen: 44.40 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:128 Resp: 1395157

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

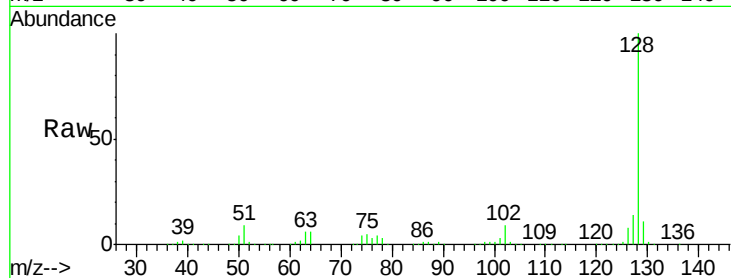
127 13.8 10.8 16.2

Manual Integrations

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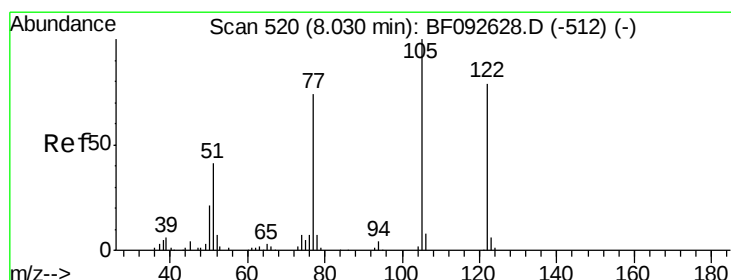
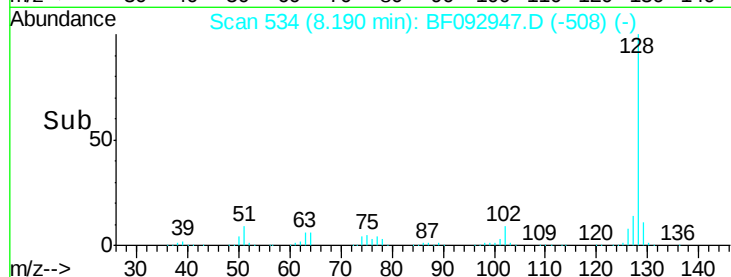
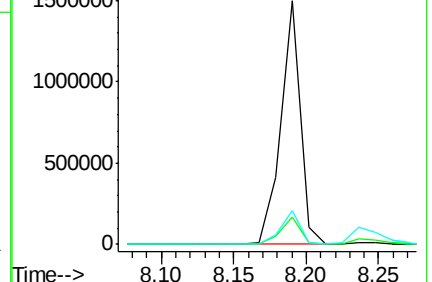
2/15/2017 9:06:03 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.83 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

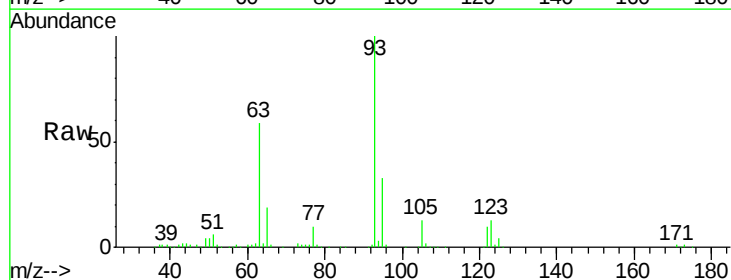
Tgt Ion:122 Resp: 86839

Ion Ratio Lower Upper

122 100

105 129.9 107.2 147.2

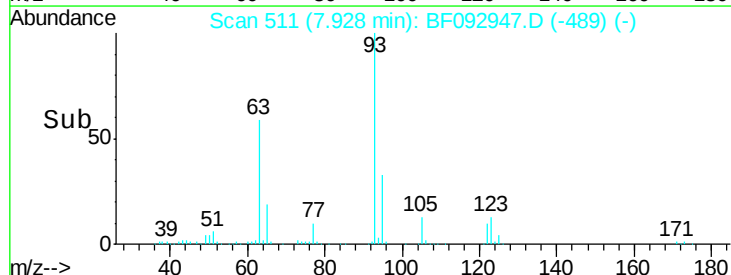
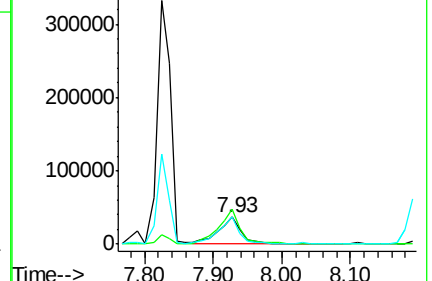
77 99.1 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





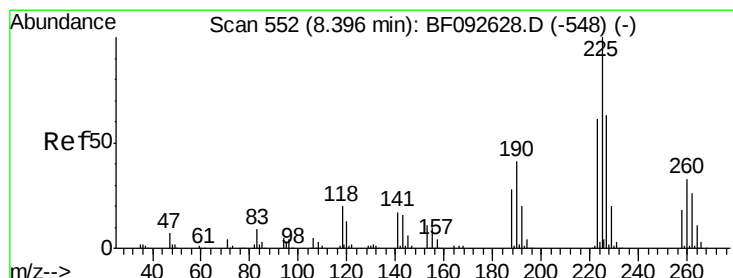
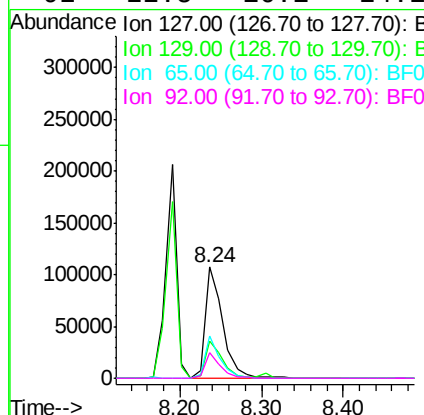
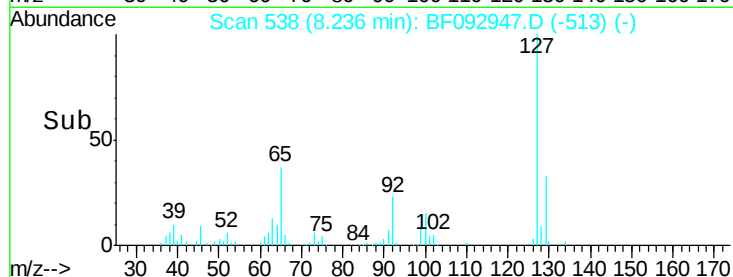
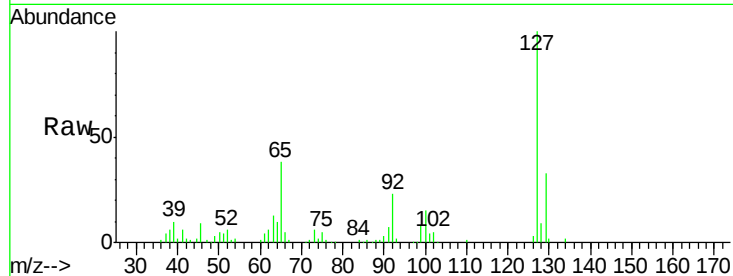
#33
4-Chloroaniline
Concen: 13.24 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	163099		
129	33.2	26.3	39.5	
65	37.9	25.8	38.8	
92	22.5	16.1	24.1	

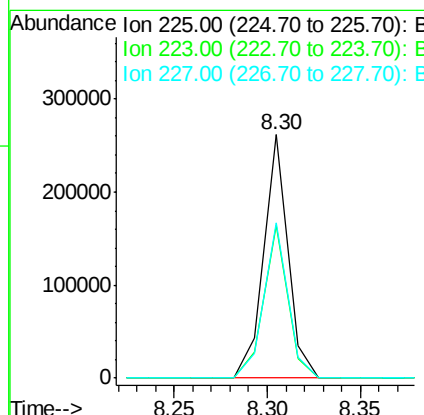
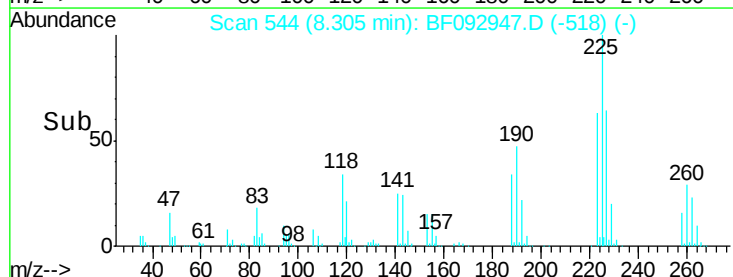
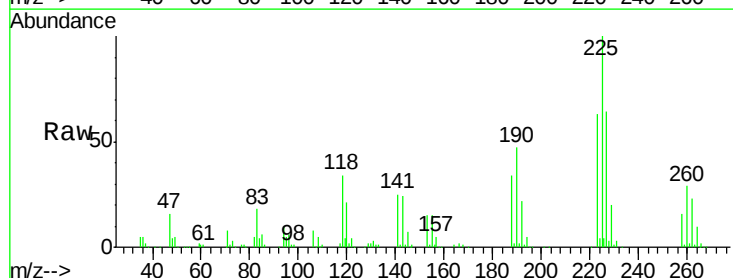
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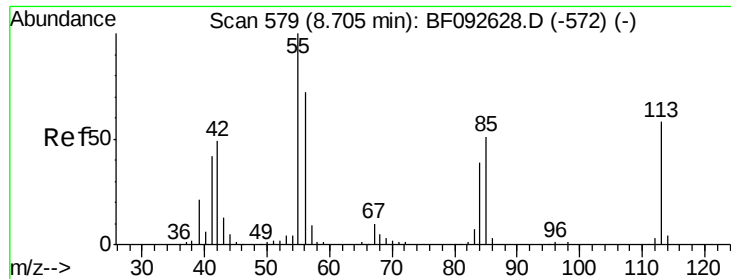
mohammad
2/15/2017 9:06:03 AM



#34
Hexachlorobutadiene
Concen: 44.26 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	233505		
223	62.7	51.0	76.6	
227	63.7	50.6	76.0	





#35

Caprolactam

Concen: 51.96 ng m

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:113 Resp: 145433

Ion Ratio Lower Upper

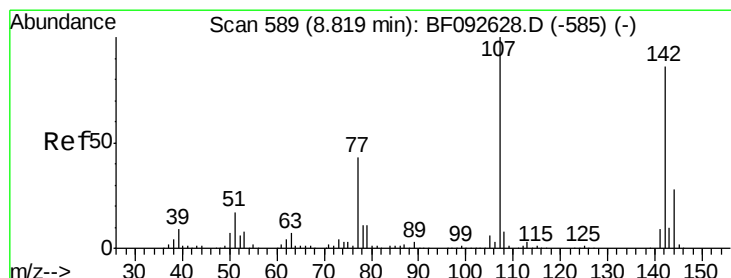
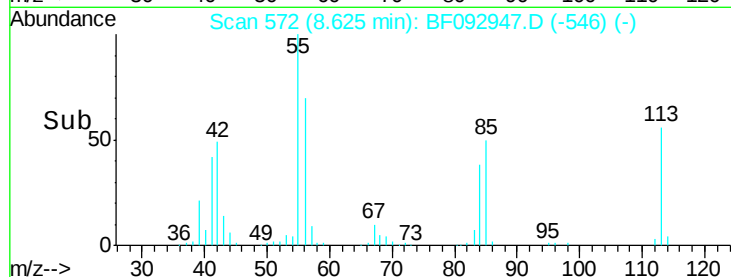
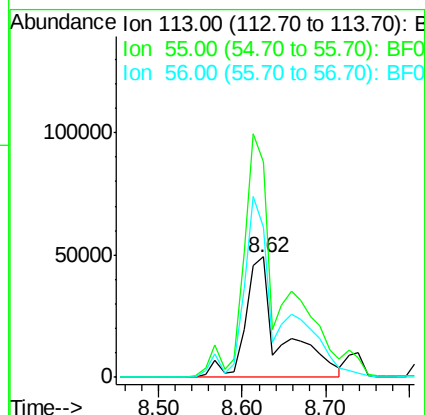
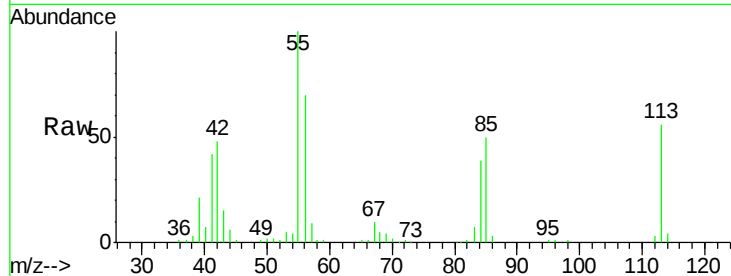
113 100

55 178.9 119.2 159.2#

56 124.5 83.8 123.8#

Manual Integrations
APPROVED

mohammad
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#36

4-Chloro-3-methylphenol

Concen: 53.44 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

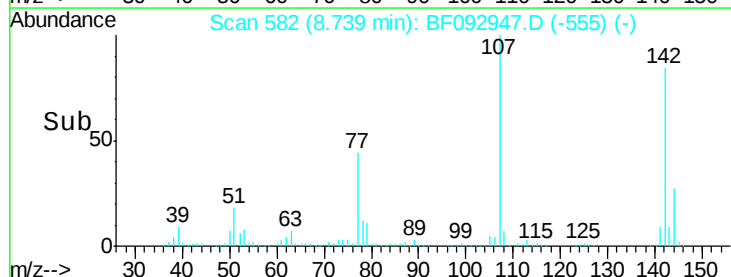
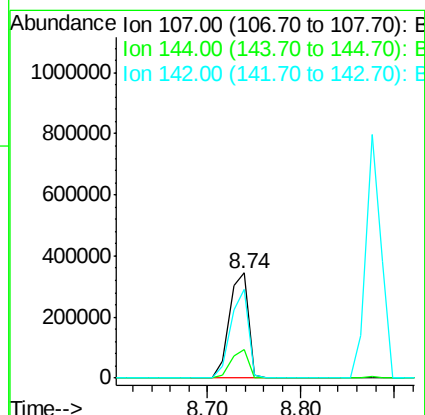
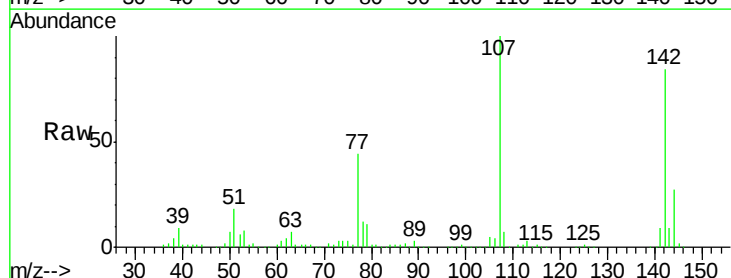
Tgt Ion:107 Resp: 495834

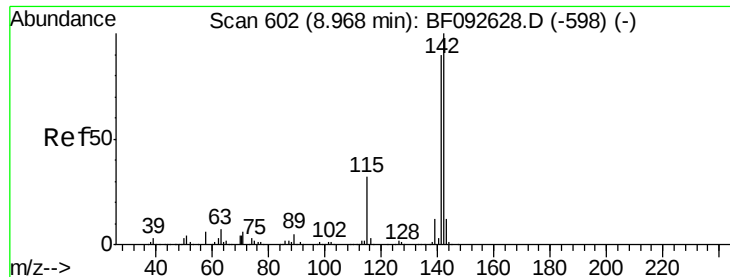
Ion Ratio Lower Upper

107 100

144 26.7 19.3 28.9

142 83.7 59.0 88.6





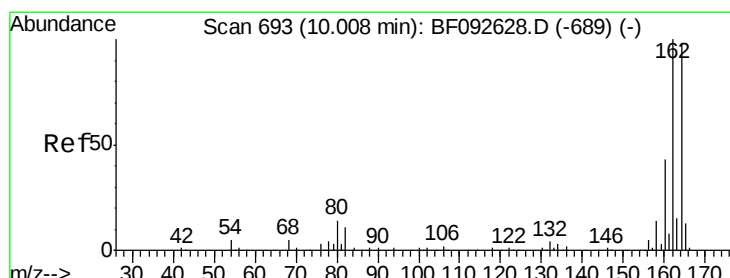
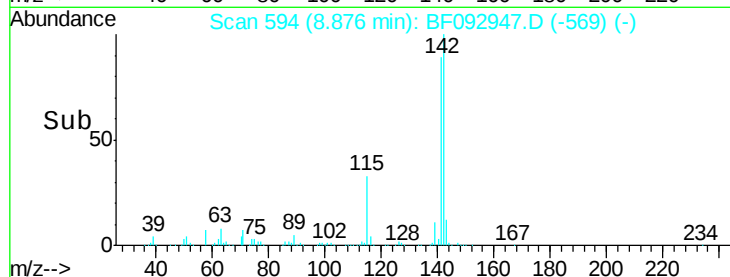
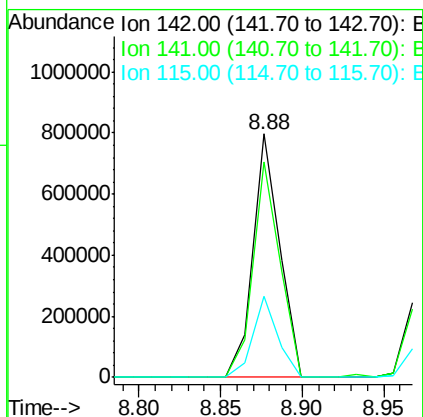
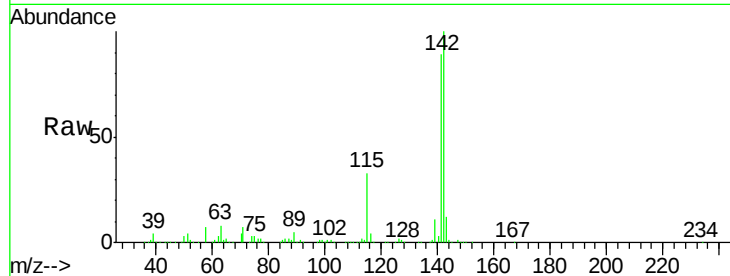
#37
 2-Methylnaphthalene
 Concen: 45.10 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	33.4	28.3	42.5

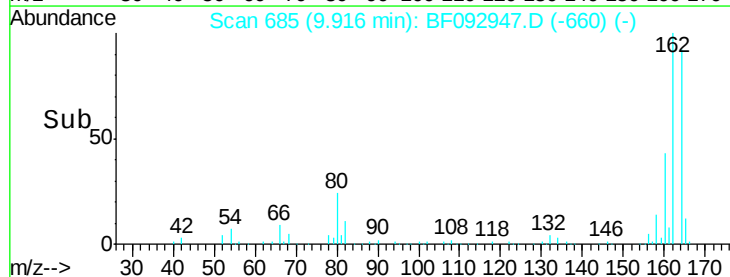
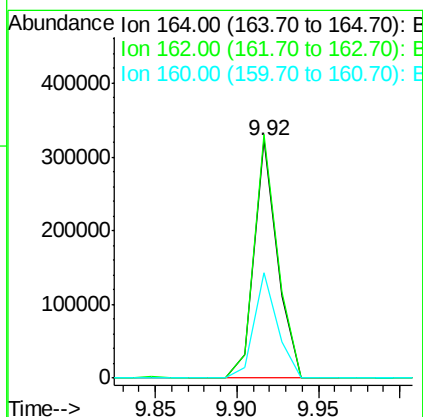
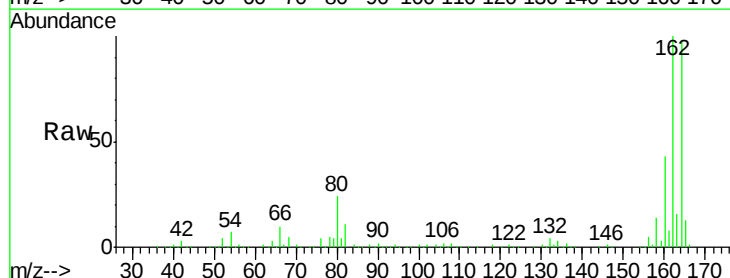
Manual Integrations
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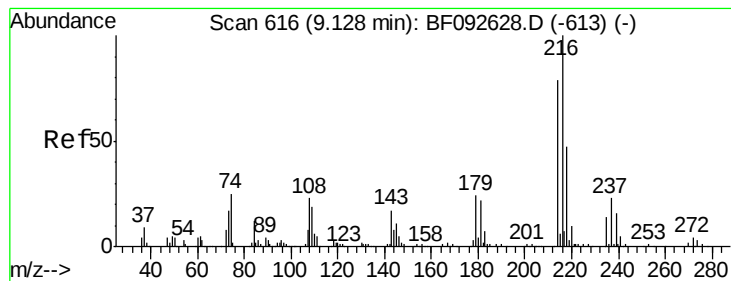
mohammad
 2/15/2017 9:06:03 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	44.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.79 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

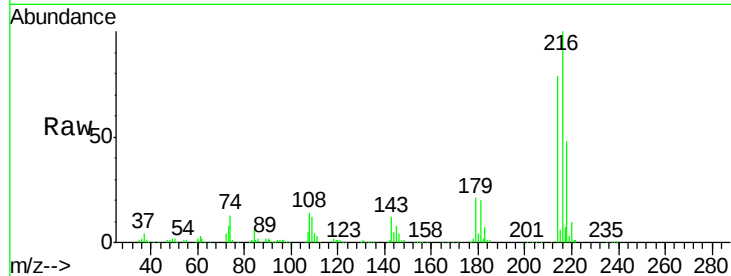
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:	216	Resp:	439940
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.4	95.0
179	21.7	17.4	26.2
108	18.8	15.6	23.4

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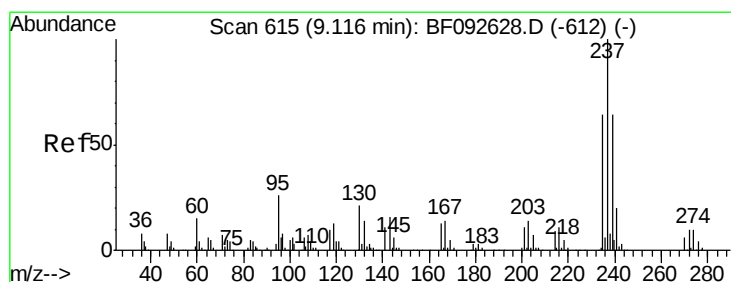
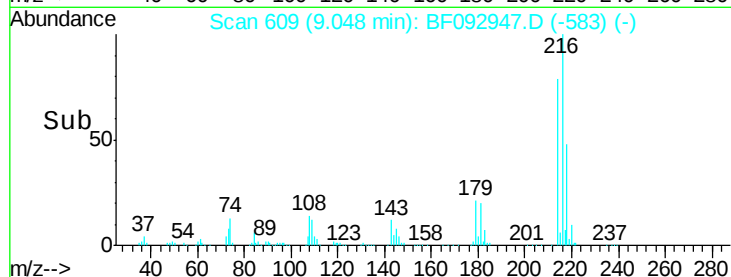
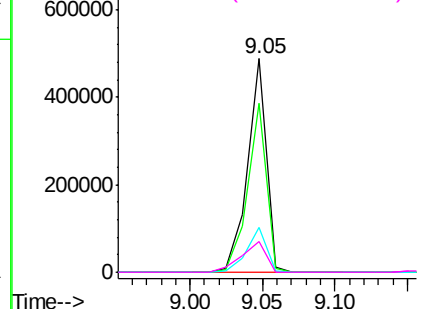


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.89 ng

RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF092947.D

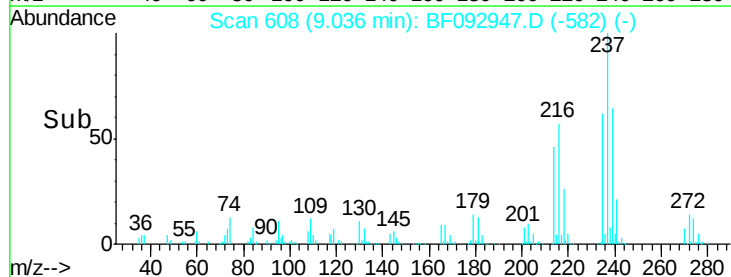
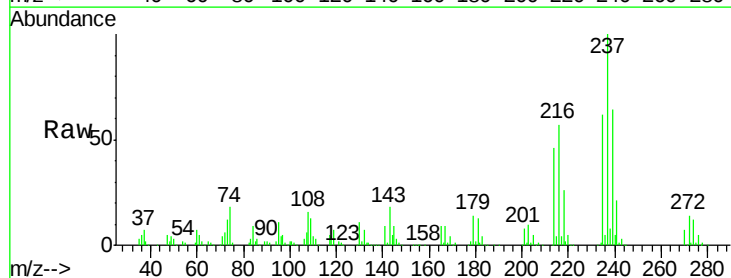
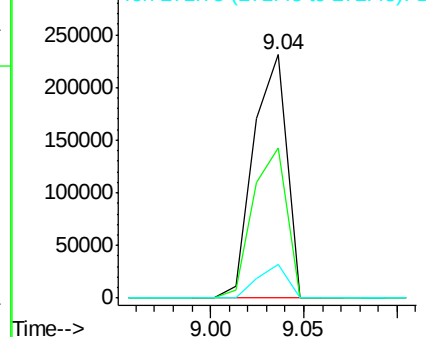
Acq: 14 Feb 2017 16:42

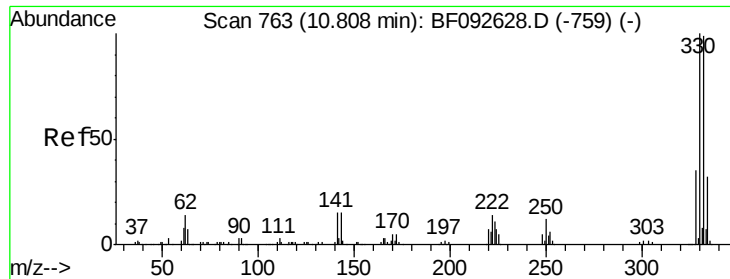
Tgt Ion:	237	Resp:	284329
Ion Ratio	Lower	Upper	
237	100		
235	61.7	41.2	81.2
272	14.0	0.0	35.4

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





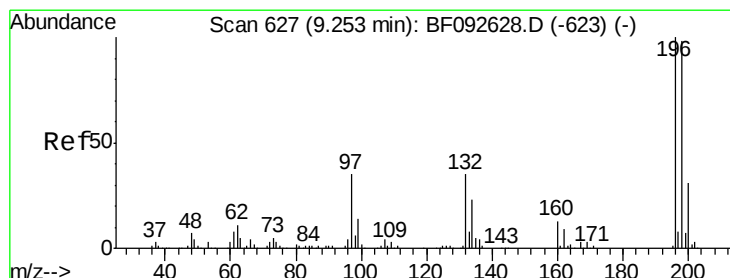
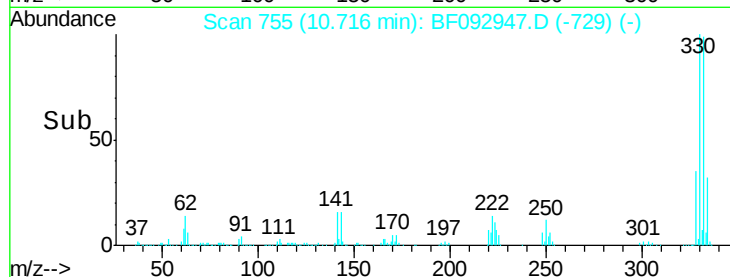
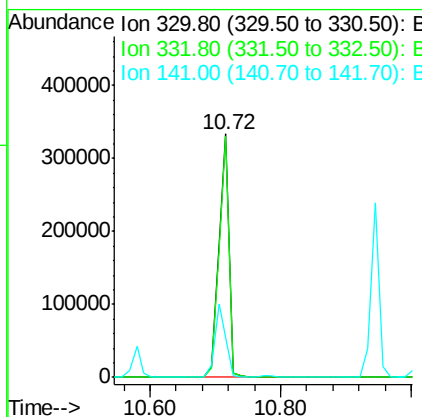
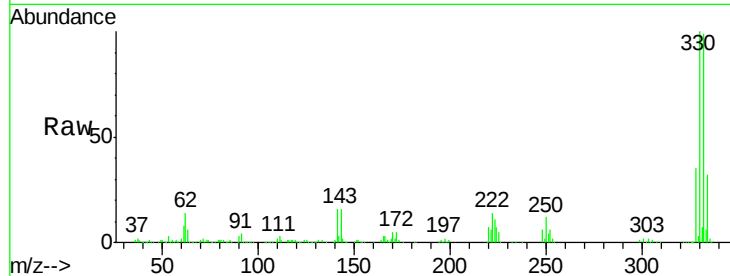
#41
 2,4,6-Tribromophenol
 Concen: 161.49 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	375176		
332	97.8	77.4	116.2	
141	32.1	34.1	51.1#	

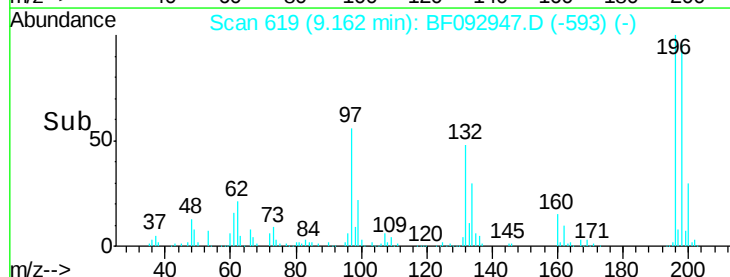
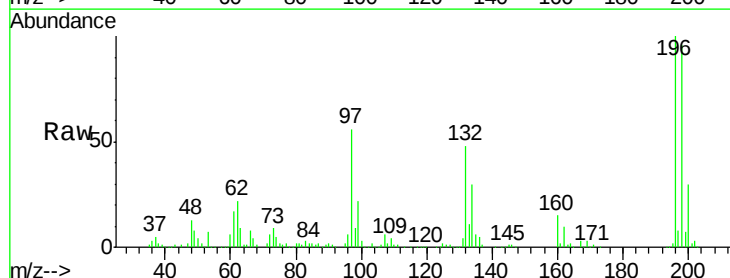
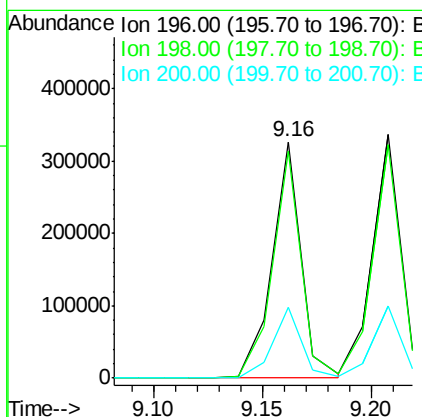
Manual Integrations
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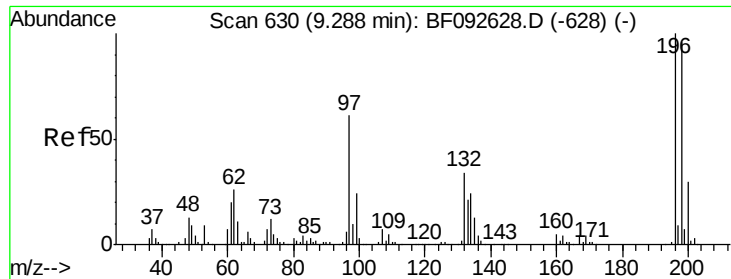
mohammad
 2/15/2017 9:06:03 AM



#42
 2,4,6-Trichlorophenol
 Concen: 51.64 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	305949		
198	95.8	82.1	123.1	
200	29.7	27.0	40.4	





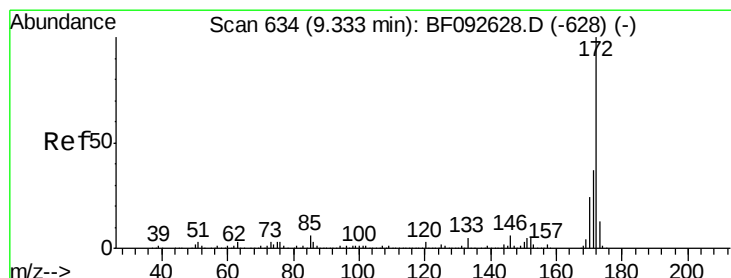
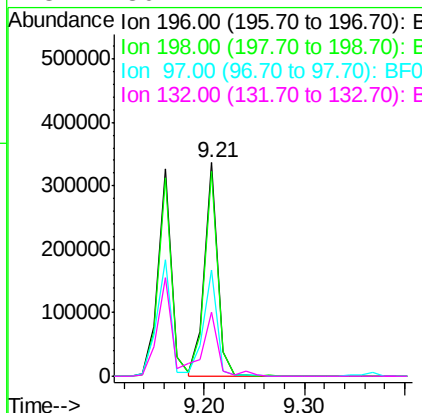
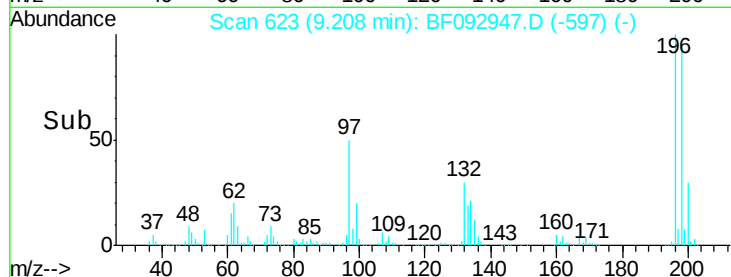
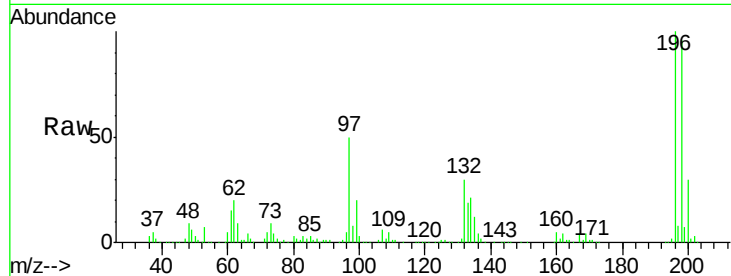
#43
 2,4,5-Trichlorophenol
 Concen: 47.97 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	311381		
198	96.1	79.4	119.2	
97	50.0	51.5	77.3#	
132	30.2	27.4	41.2	

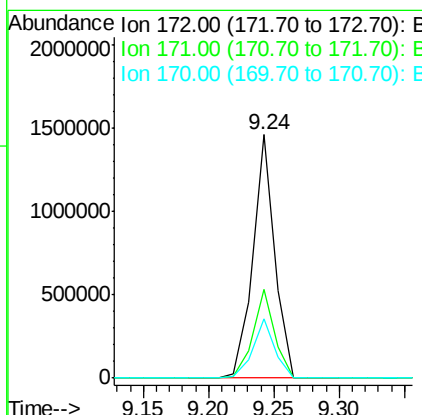
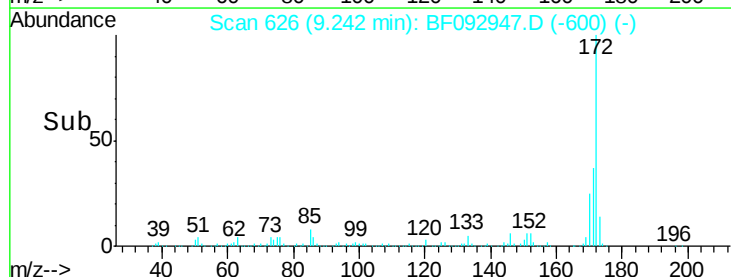
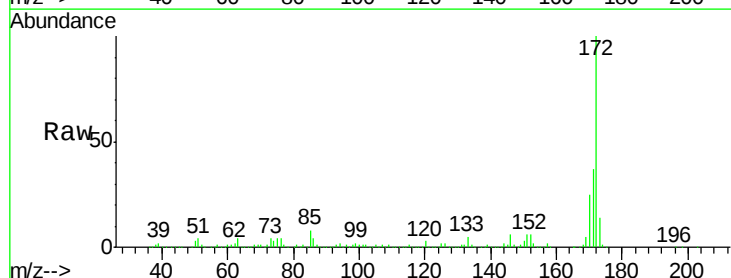
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#44
 2-Fluorobiphenyl
 Concen: 95.99 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1701831		
171	36.6	29.4	44.0	
170	24.5	20.2	30.4	





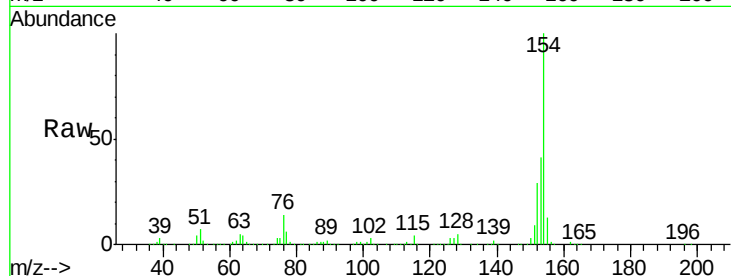
#45
 1,1'-Biphenyl
 Concen: 48.69 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

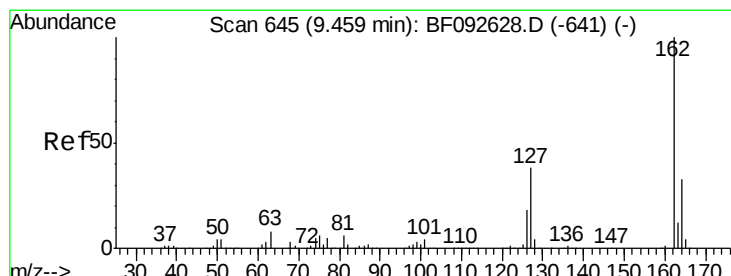
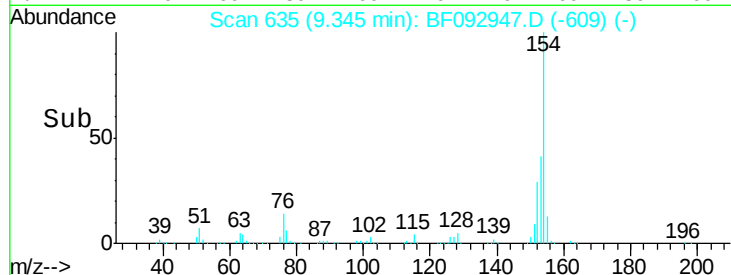
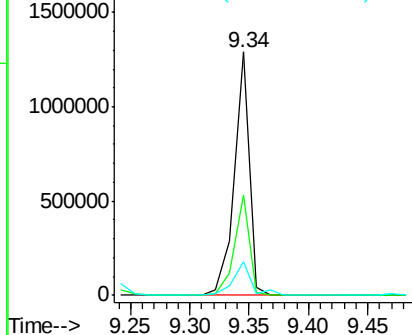
Tgt Ion:154 Resp: 1132389
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.9 60.9
 76 13.7 0.0 30.5

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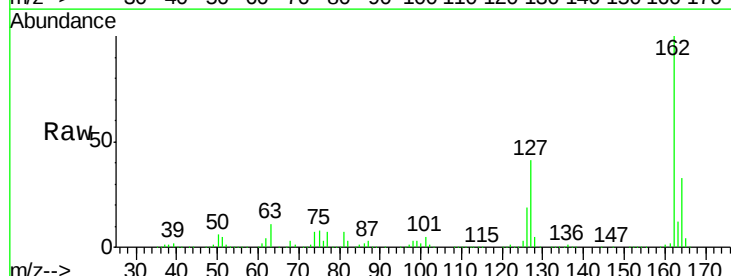


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

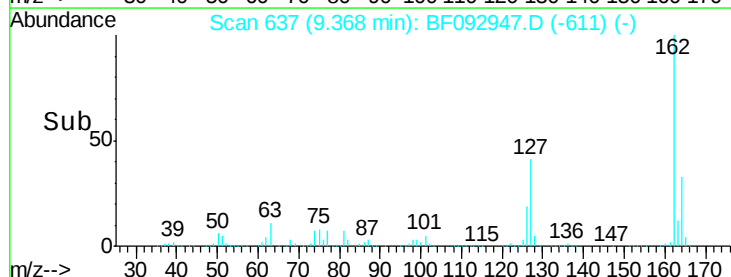
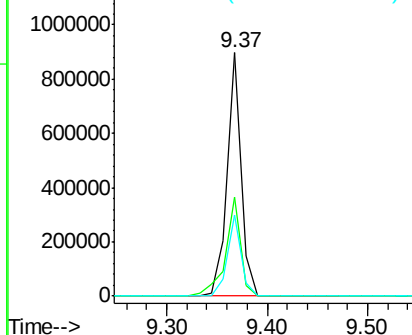


#46
 2-Chloronaphthalene
 Concen: 47.51 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion:162 Resp: 864408
 Ion Ratio Lower Upper
 162 100
 127 40.6 30.7 46.1
 164 33.3 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





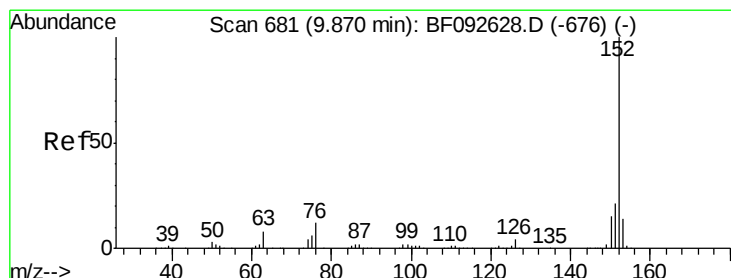
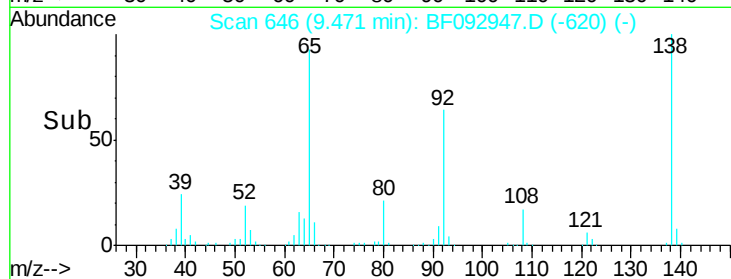
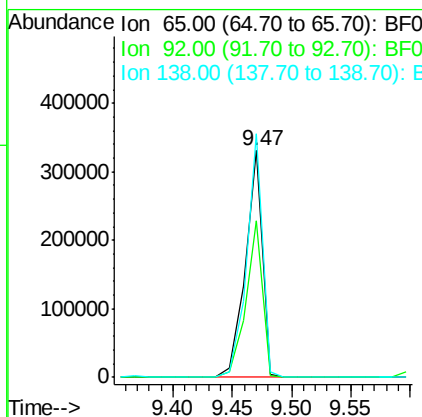
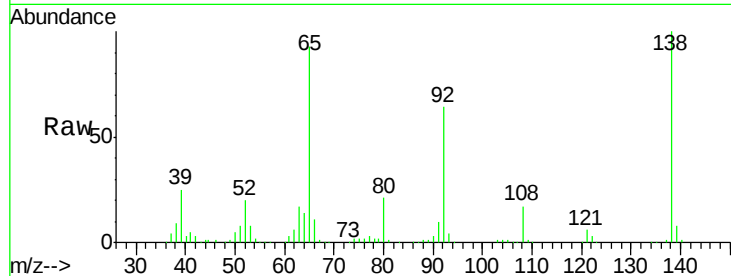
#47
 2-Nitroaniline
 Concen: 54.31 ng
 RT: 9.47 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.9	80.9
138	107.3	76.8	115.2

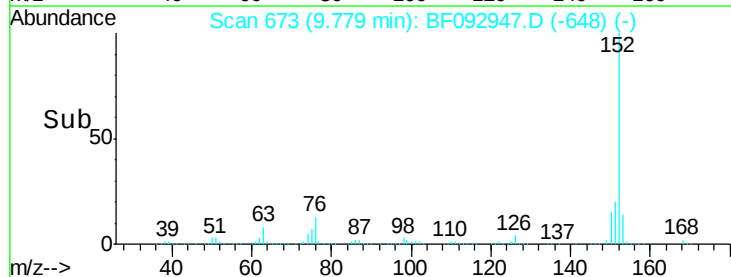
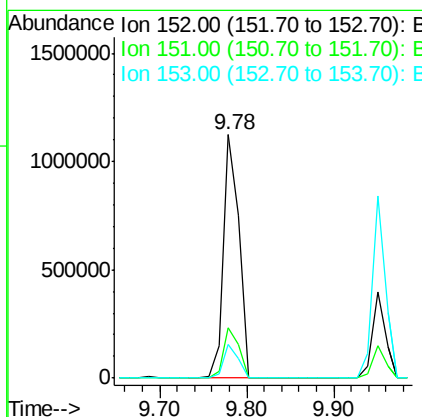
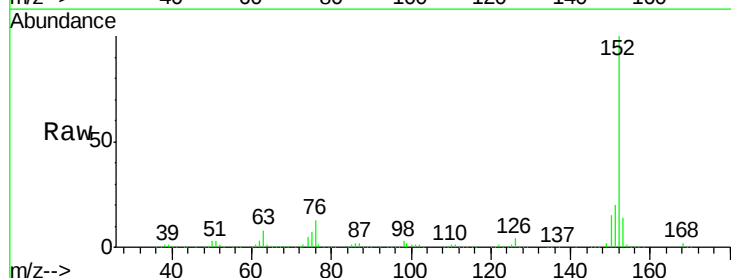
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#48
 Acenaphthylene
 Concen: 44.61 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.7	11.4	17.2





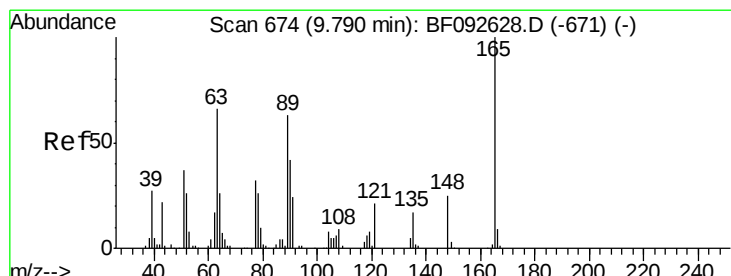
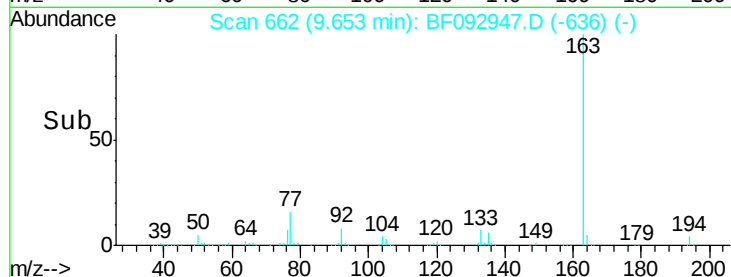
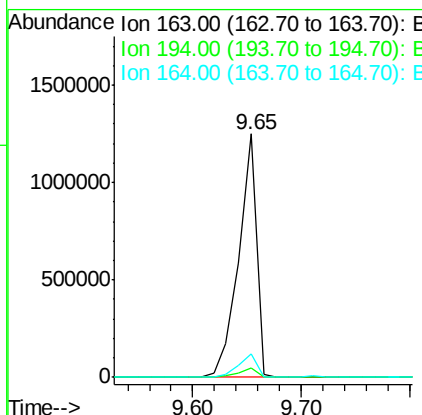
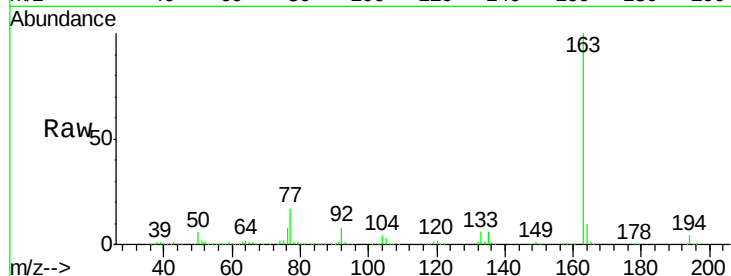
#49
Dimethylphthalate
Concen: 64.97 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion:163 Resp: 1405577
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.9 8.0 12.0

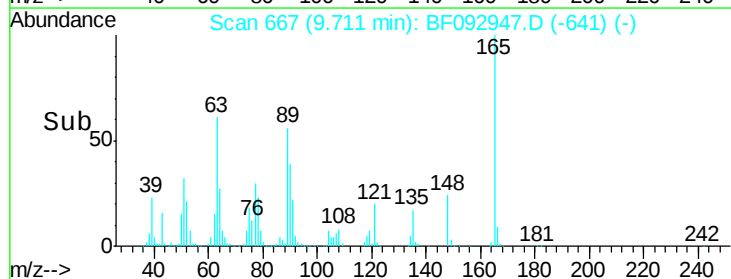
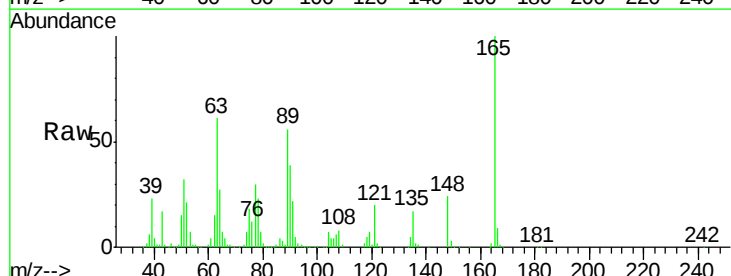
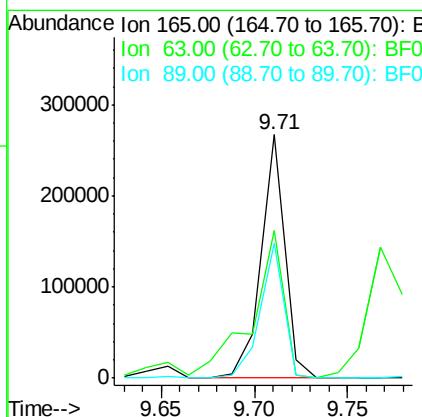
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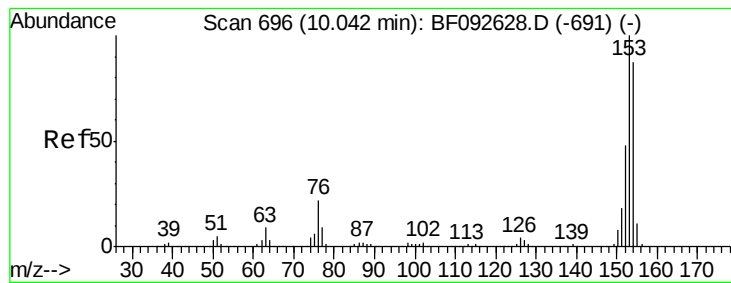
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#50
2,6-Dinitrotoluene
Concen: 49.80 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion:165 Resp: 232664
Ion Ratio Lower Upper
165 100
63 60.9 36.2 54.4#
89 55.6 40.2 60.4





#51

Acenaphthene

Concen: 45.73 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

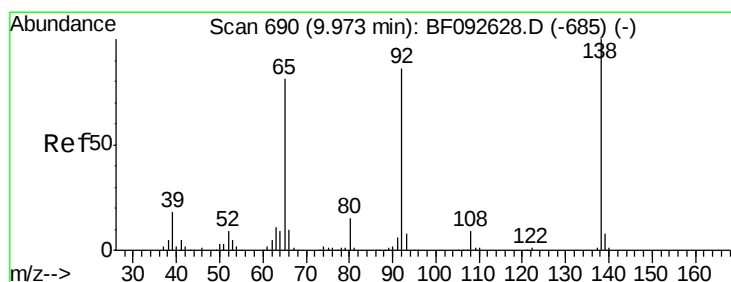
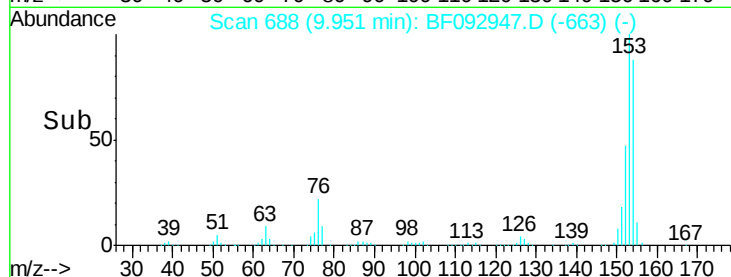
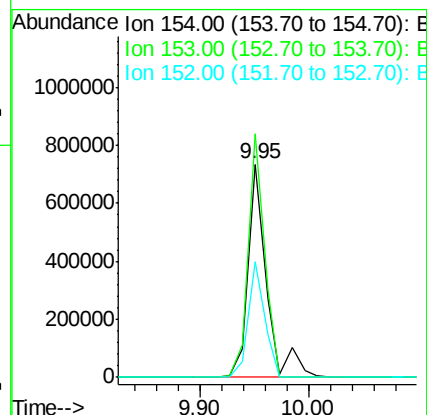
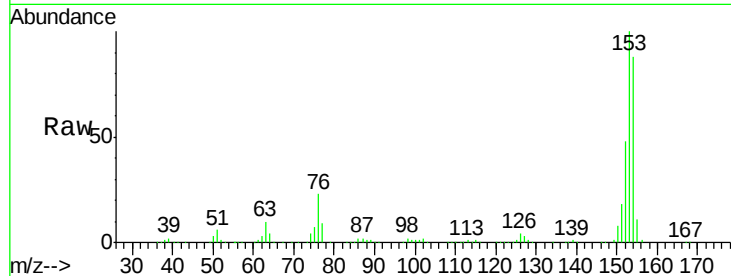
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:	154	Resp:	859296
Ion Ratio	Lower	Upper	
154	100		
153	114.0	88.6	133.0
152	54.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 30.10 ng

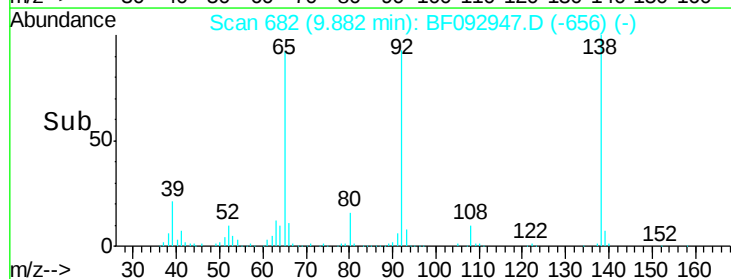
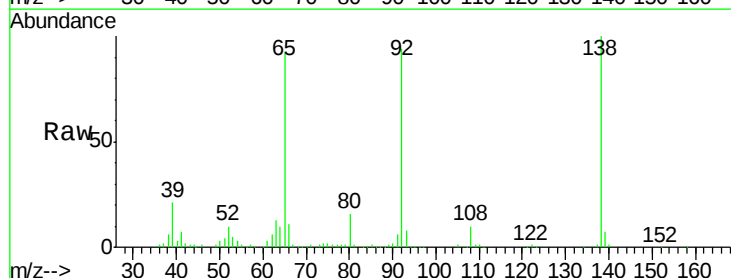
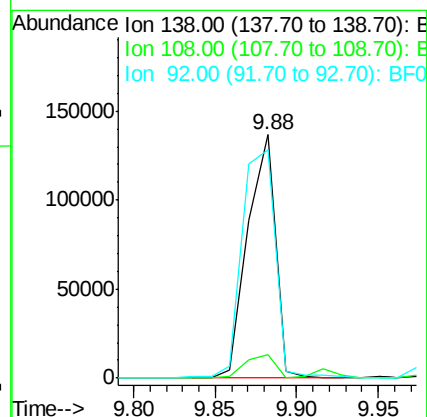
RT: 9.88 min Scan# 682

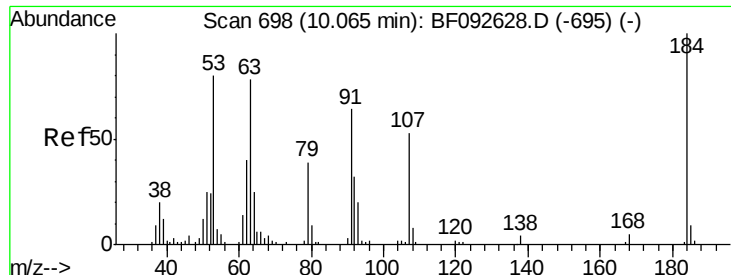
Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion:	138	Resp:	160941
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.5	12.7
92	93.7	97.8	146.8#





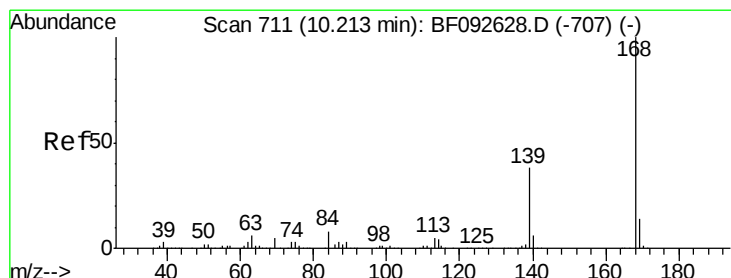
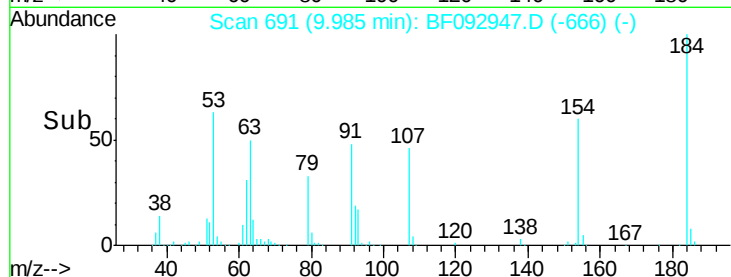
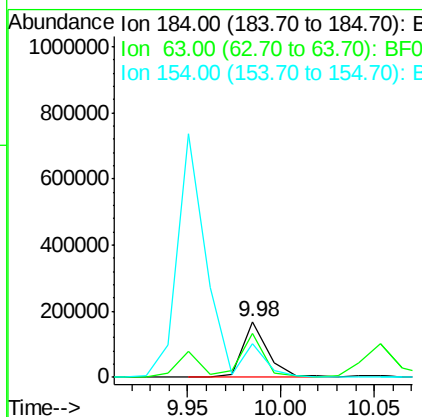
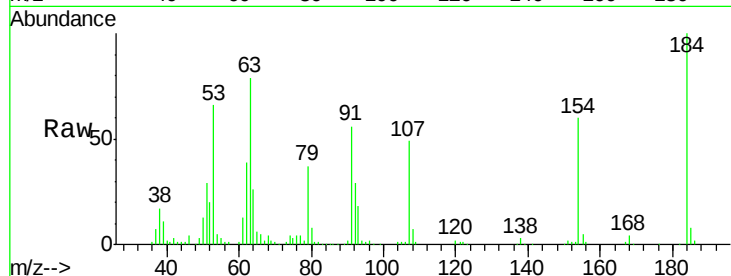
#53
2,4-Dinitrophenol
Concen: 68.87 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	162025		
63	78.8	28.4	42.6#	
154	60.5	44.3	66.5	

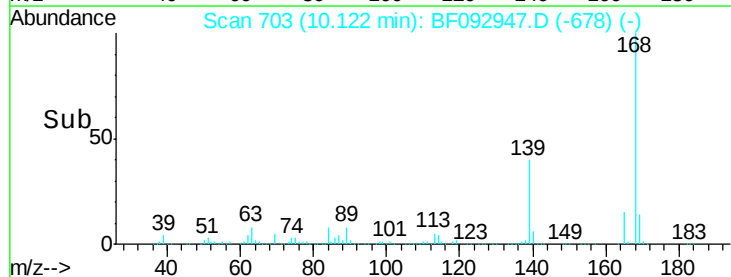
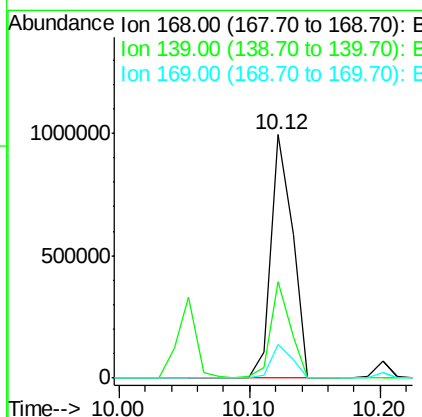
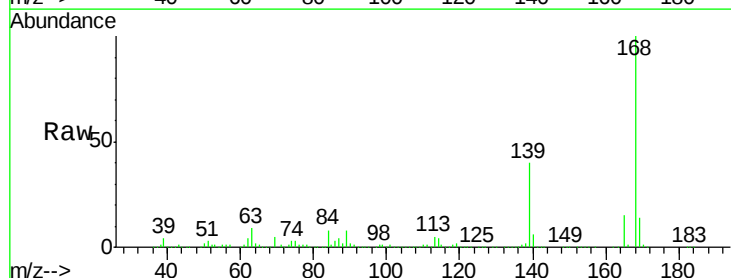
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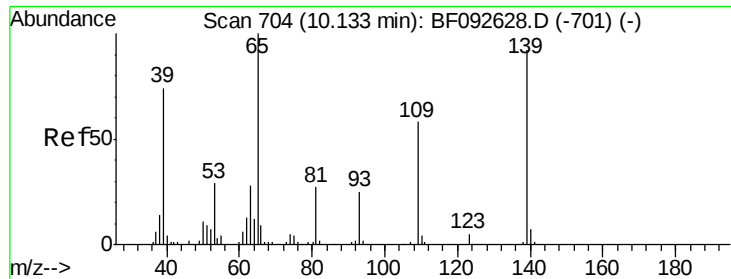
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#54
Dibenzofuran
Concen: 46.34 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1164741		
139	39.7	32.6	49.0	
169	13.8	11.3	16.9	





#55

4-Nitrophenol

Concen: 86.96 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

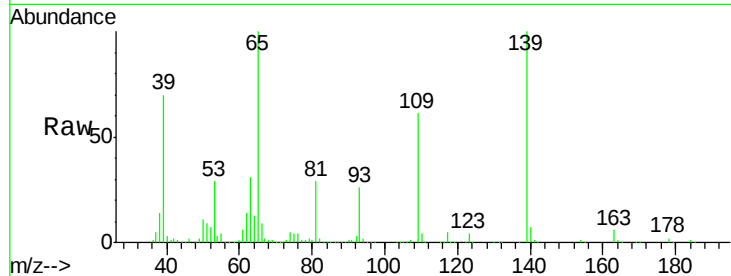
ClientSampleId :

FK-GF-02-002-BMSD

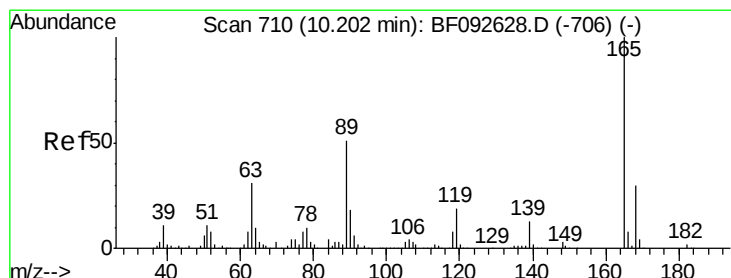
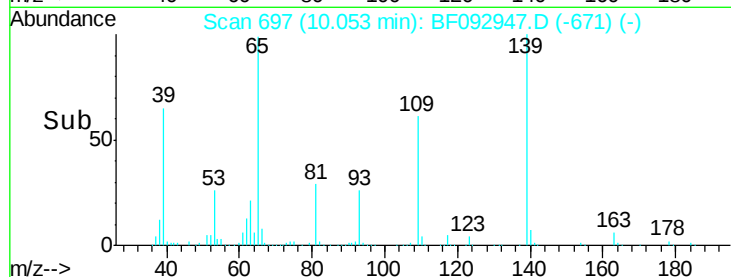
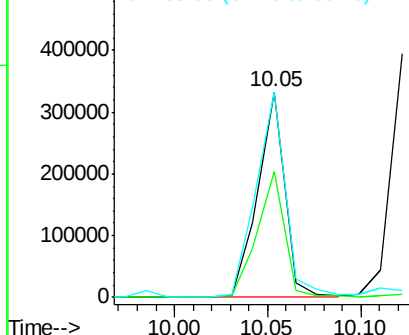
Tgt Ion:	139	Resp:	334903
Ion Ratio	Lower	Upper	
139	100		
109	61.3	52.2	92.2
65	99.9	85.8	125.8

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



#56

2,4-Dinitrotoluene

Concen: 47.02 ng

RT: 10.11 min Scan# 702

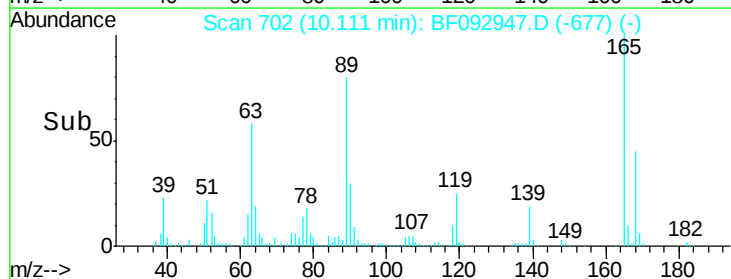
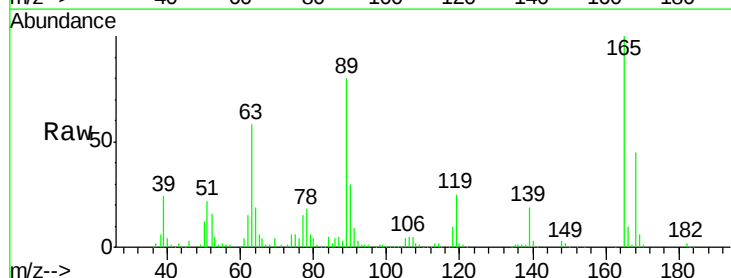
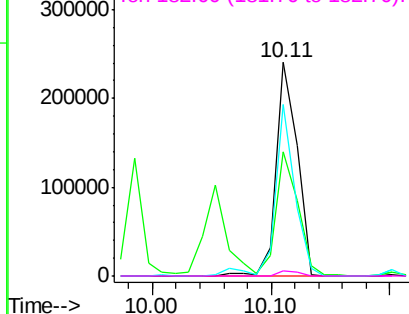
Delta R.T. -0.01 min

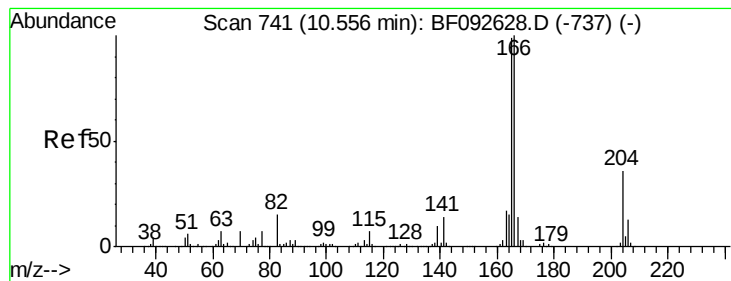
Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion:	165	Resp:	292500
Ion Ratio	Lower	Upper	
165	100		
63	58.2	40.2	60.4
89	80.1	62.5	93.7
182	2.4	1.8	2.8

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





#57

Fluorene

Concen: 44.76 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

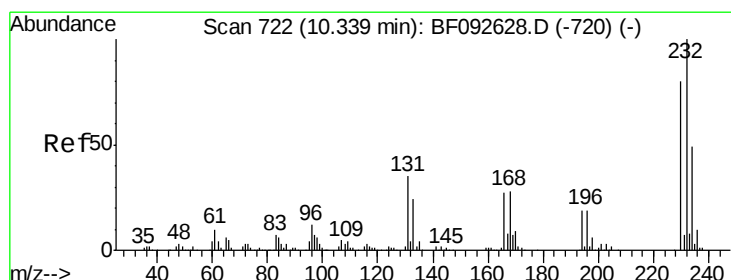
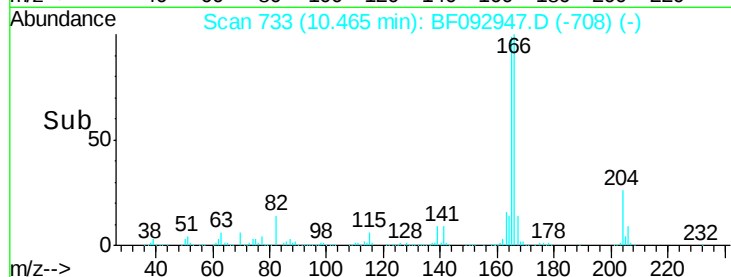
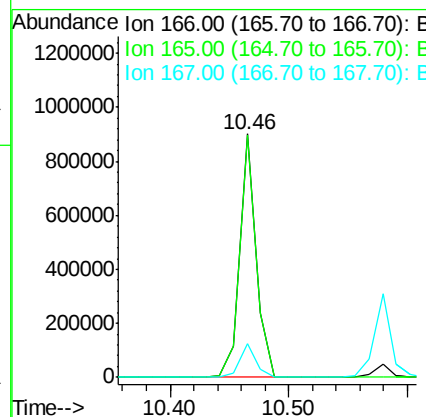
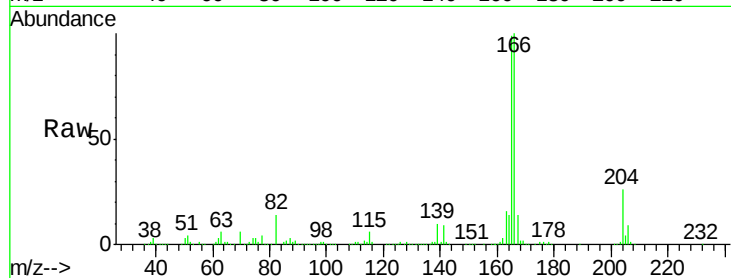
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:	166	Resp:	865603
Ion Ratio	Lower	Upper	
166	100		
165	99.4	77.8	116.8
167	13.7	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 59.03 ng

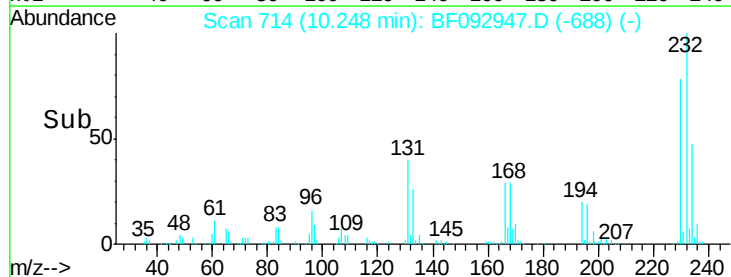
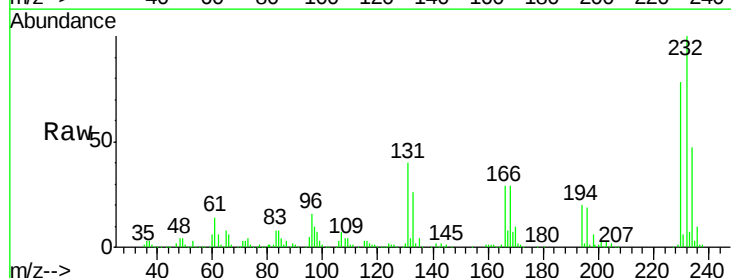
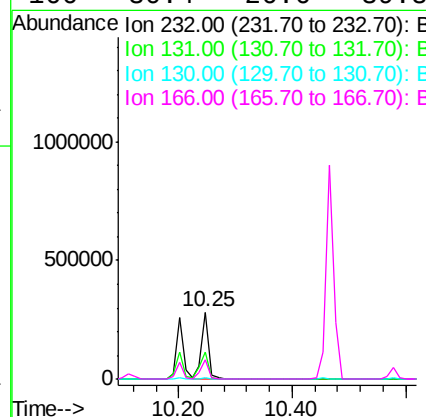
RT: 10.25 min Scan# 714

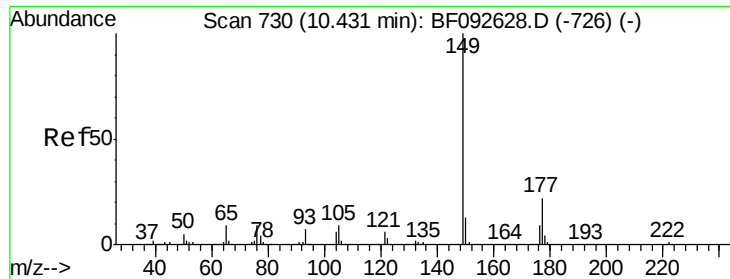
Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion:	232	Resp:	255618
Ion Ratio	Lower	Upper	
232	100		
131	45.5	40.1	60.1
130	2.2	1.8	2.8
166	30.4	26.6	39.8





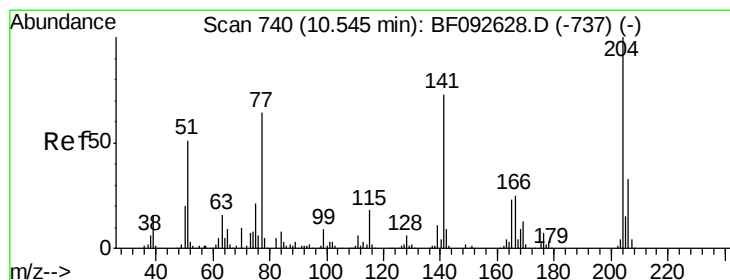
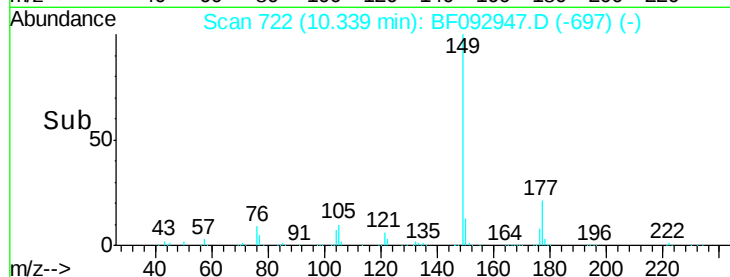
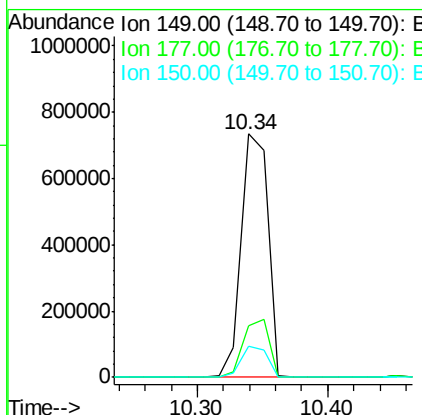
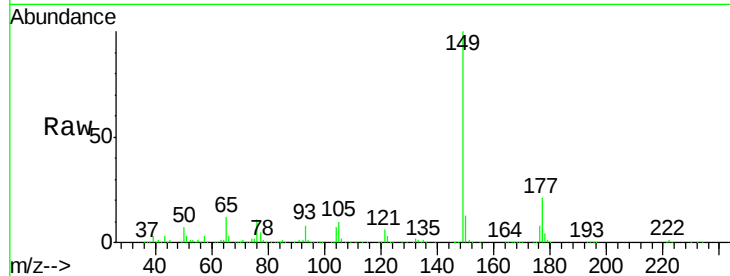
#59
Diethylphthalate
Concen: 51.06 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.6	25.0
150	12.6	10.4	15.6

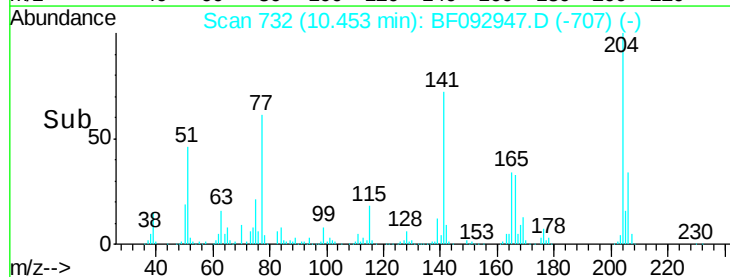
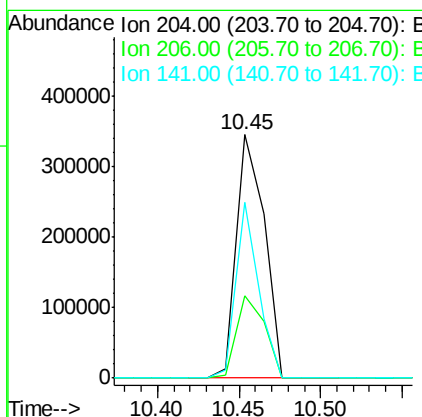
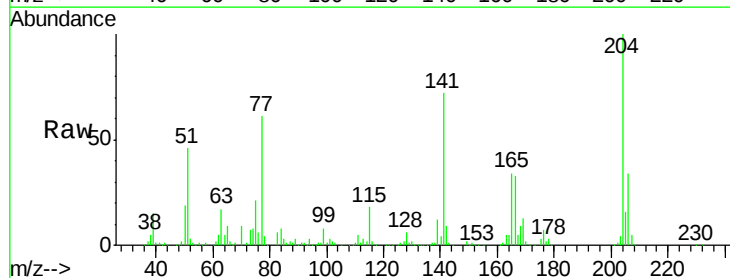
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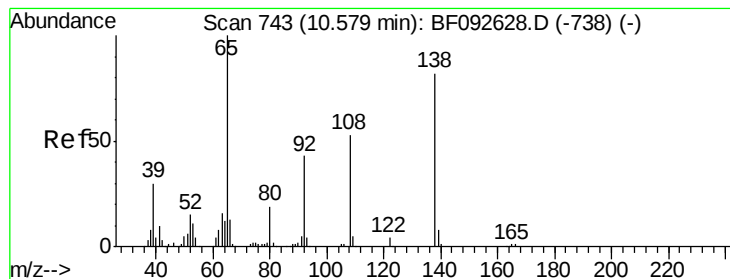
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.70 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	25.8	38.6
141	72.3	59.4	89.0





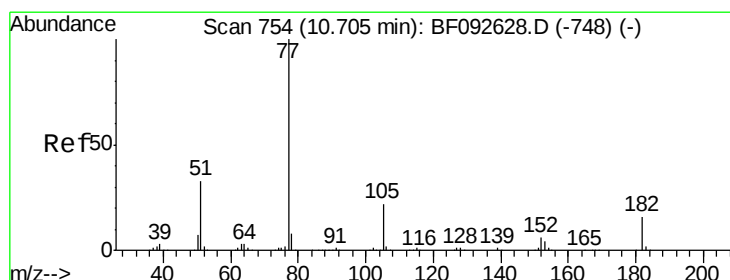
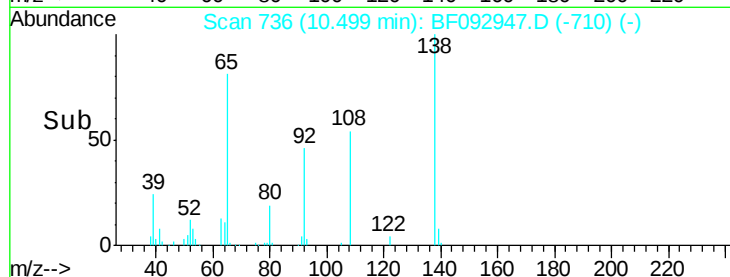
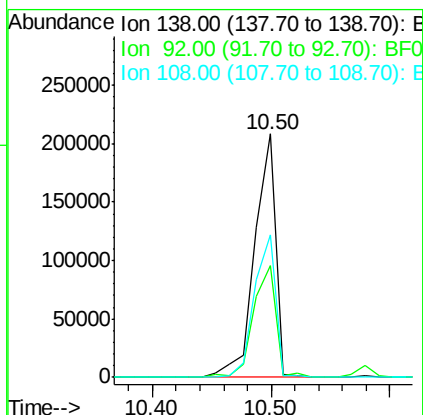
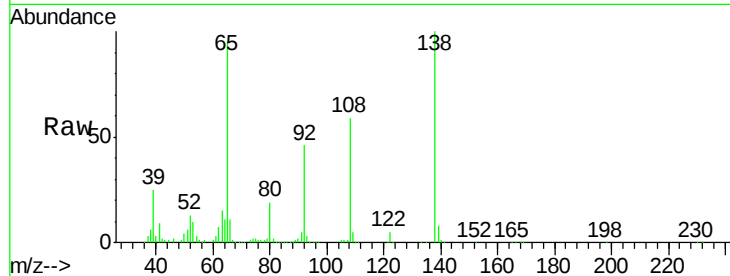
#61
4-Nitroaniline
Concen: 47.13 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	258095		
92	46.1	31.7	71.7	
108	58.7	52.6	92.6	

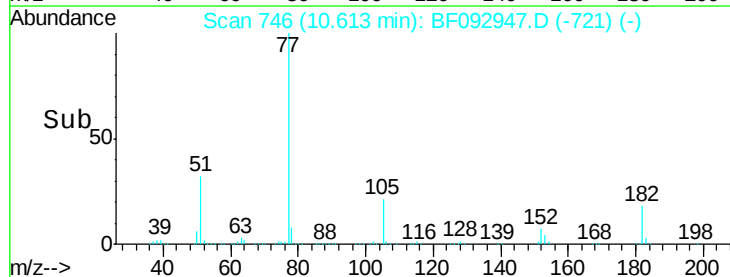
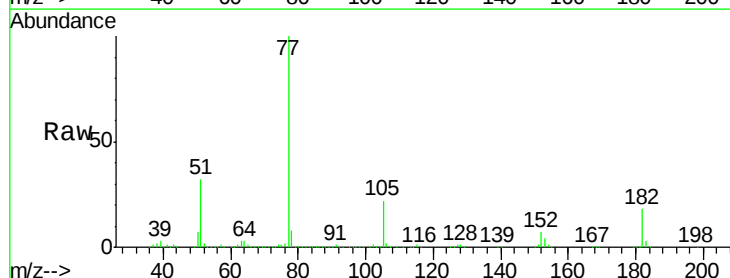
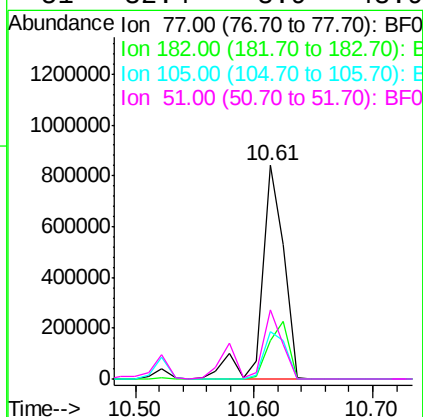
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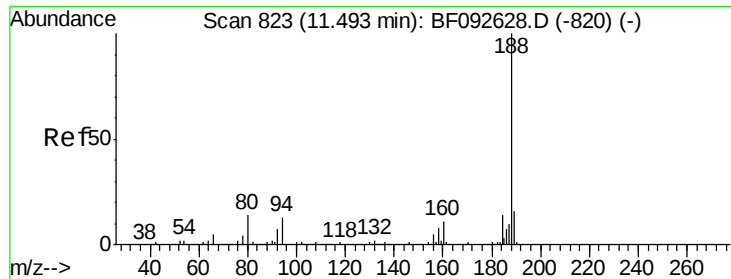
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#62
Azobenzene
Concen: 51.69 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1088799		
182	18.1	0.0	39.3	
105	21.9	2.3	42.3	
51	32.4	8.9	48.9	





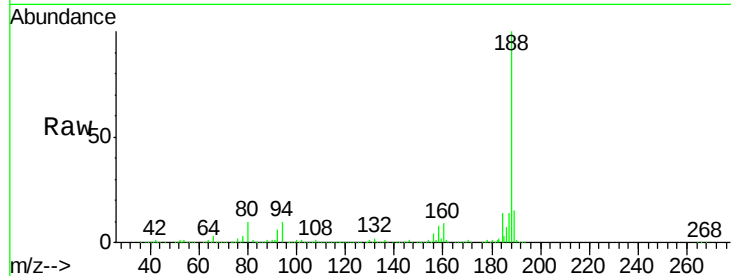
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	10.0	15.0#
80	9.9	11.2	16.8#

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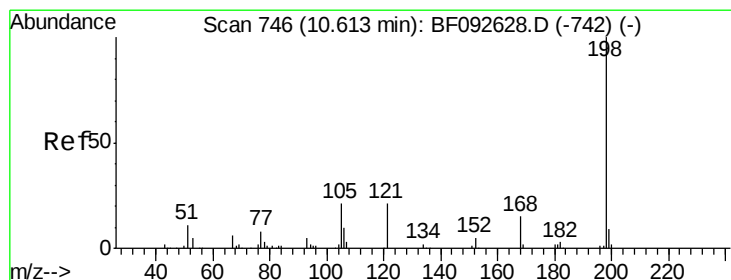
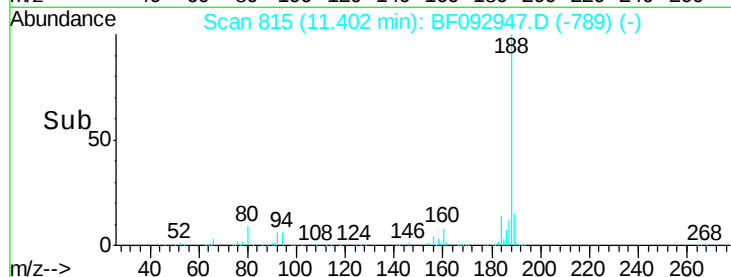
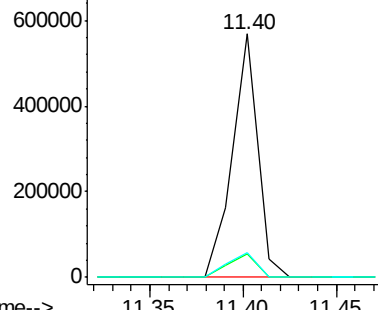
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



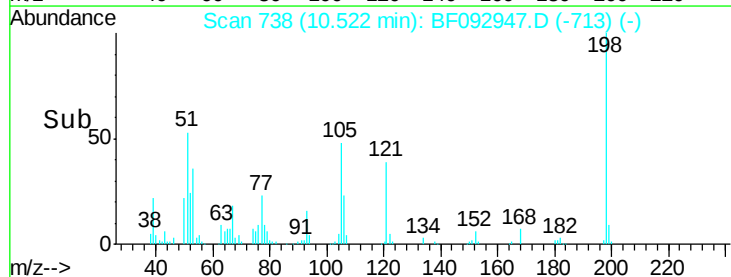
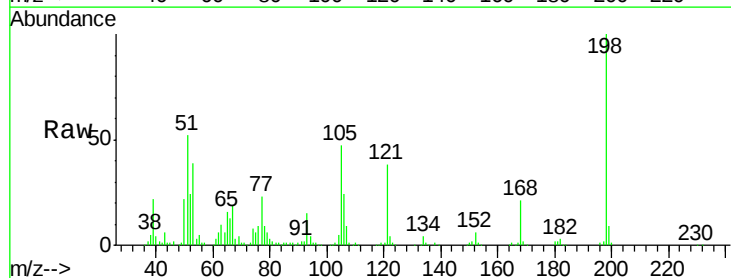
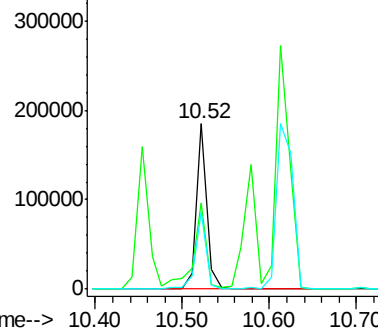
#64
4,6-Dinitro-2-methylphenol
Concen: 48.96 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

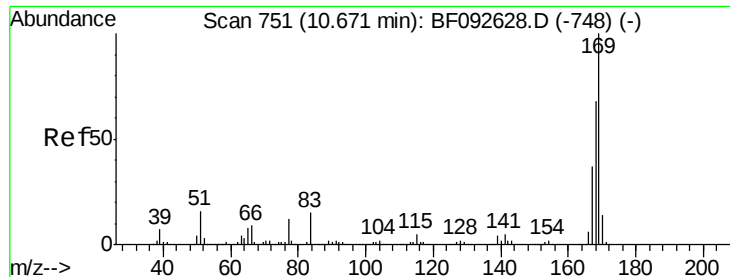
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	51.9	6.7	46.7#
105	46.7	16.6	56.6

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: 46.54 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

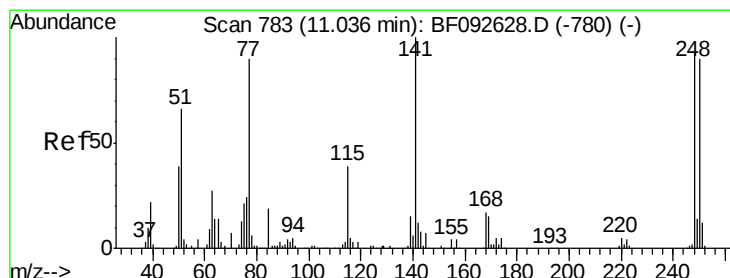
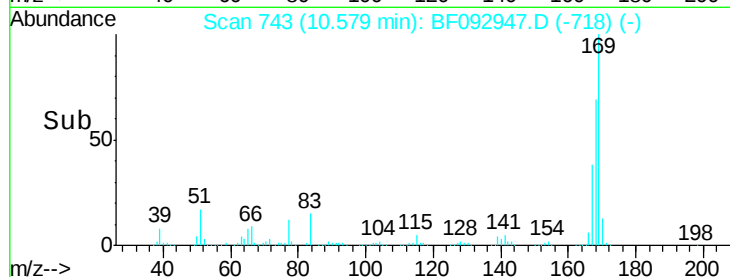
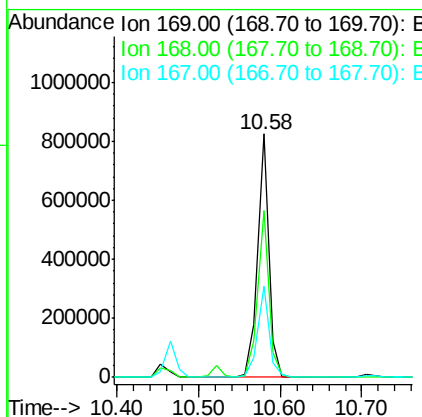
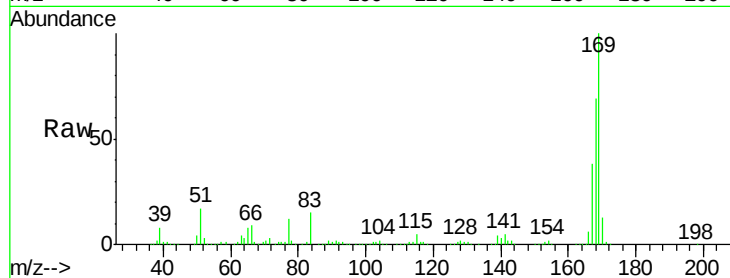
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:	169	Resp:	790677
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.2	81.2
167	37.6	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 43.75 ng

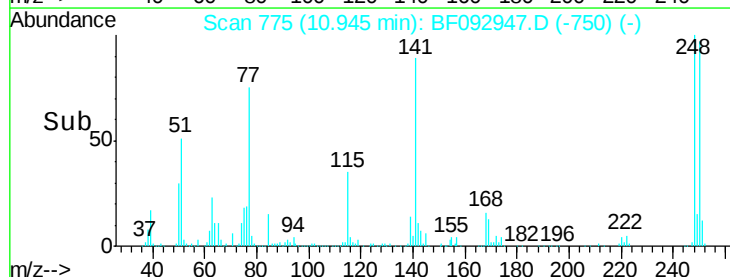
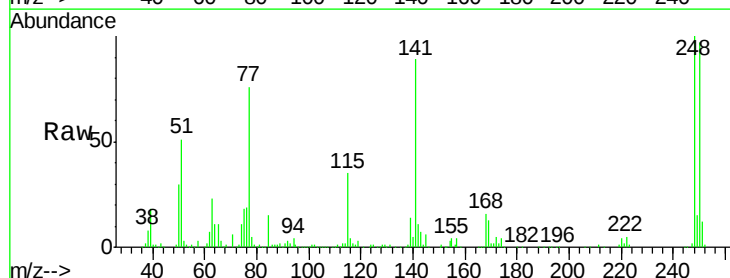
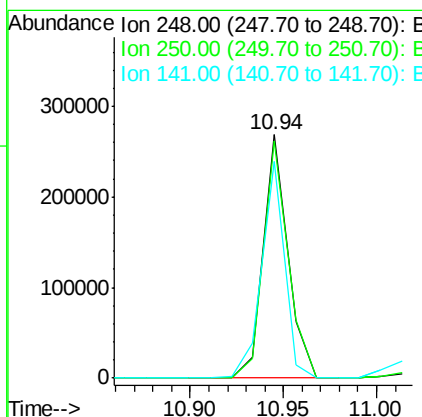
RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion:	248	Resp:	243088
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.9	115.3
141	88.9	68.2	102.4





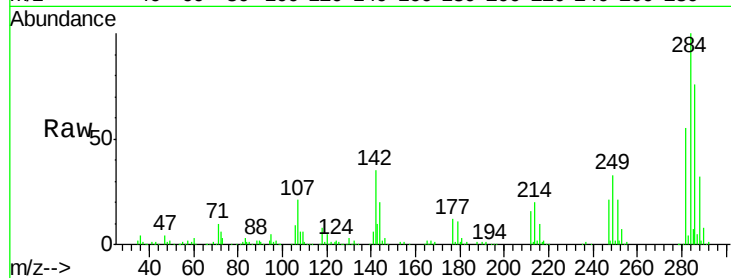
#67
Hexachlorobenzene
Concen: 45.96 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

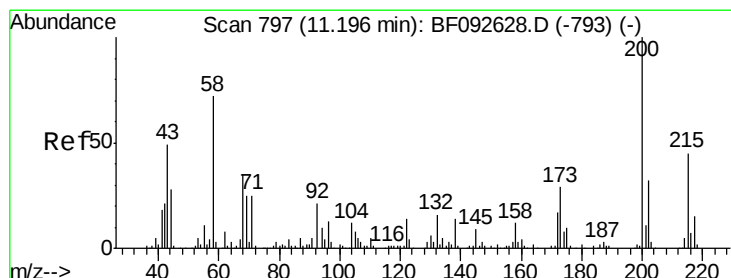
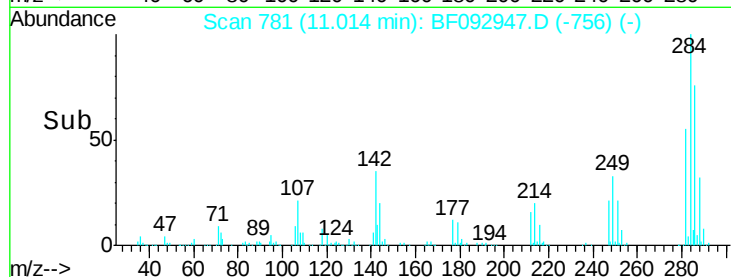
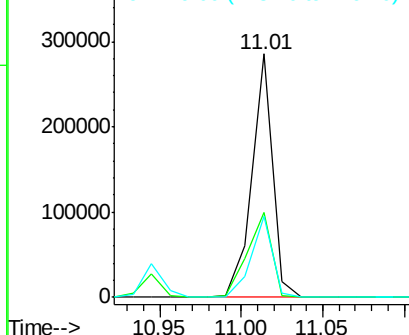
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	34.9	22.6	33.8#
249	33.3	25.4	38.0

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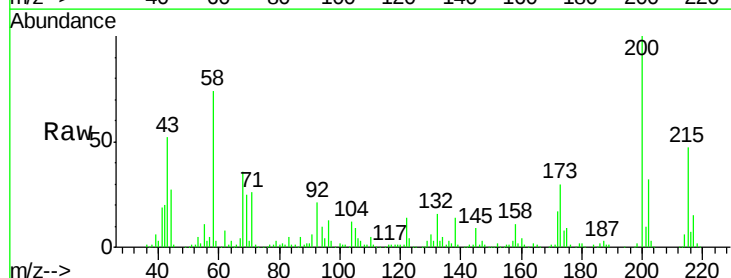


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

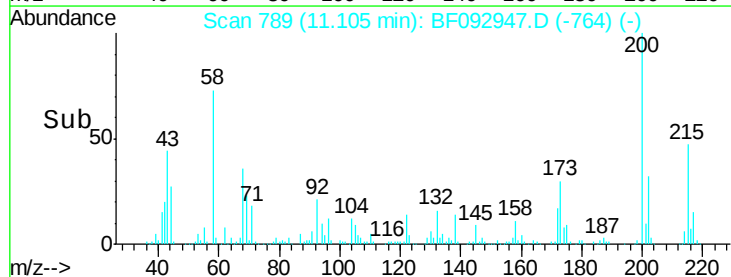
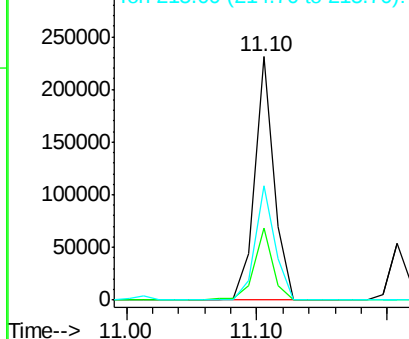


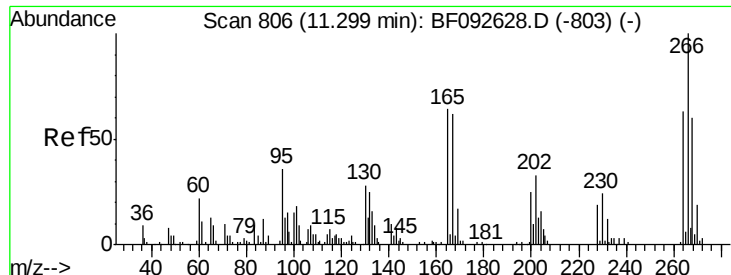
#68
Atrazine
Concen: 43.78 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.6	9.6	49.6
215	46.8	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





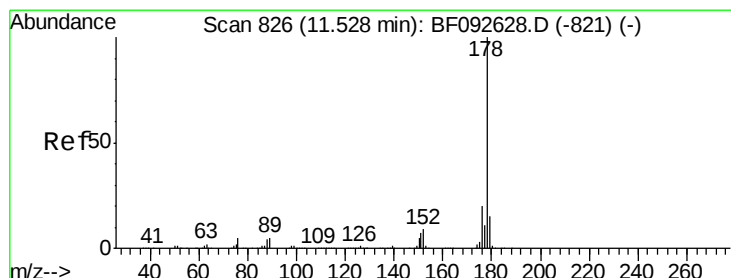
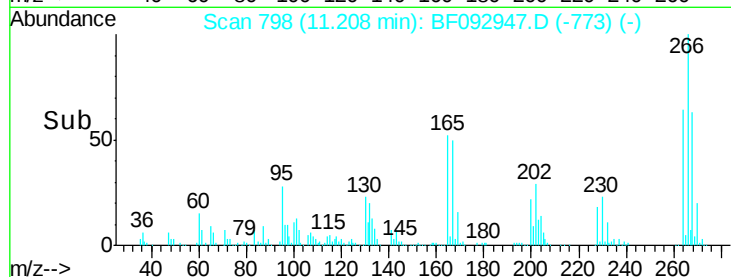
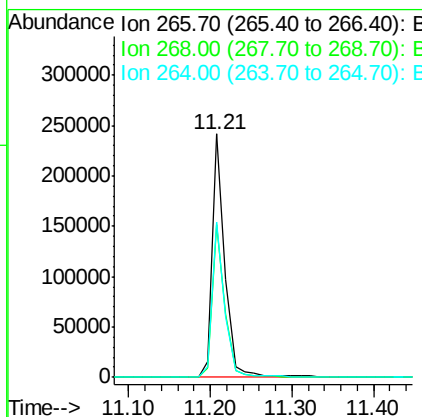
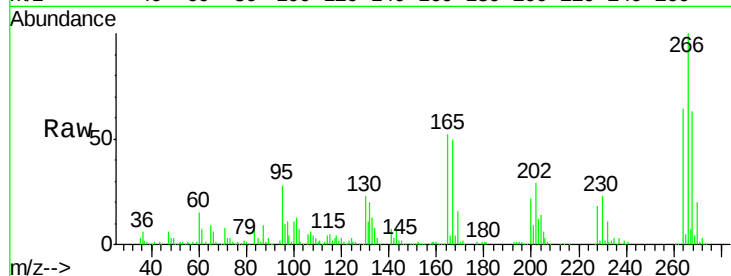
#69
 Pentachlorophenol
 Concen: 92.19 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	53.3	79.9
264	63.8	50.3	75.5

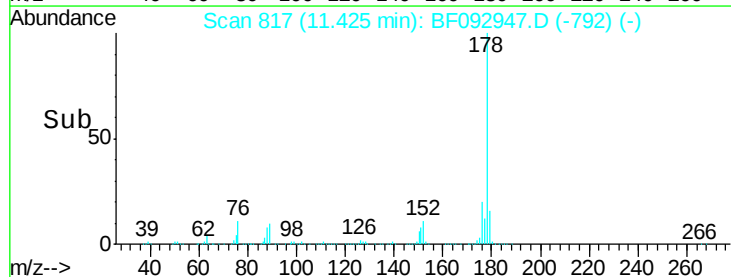
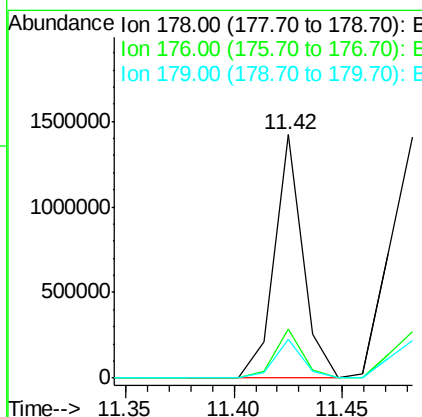
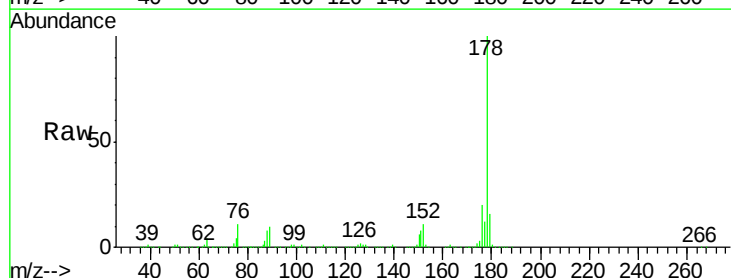
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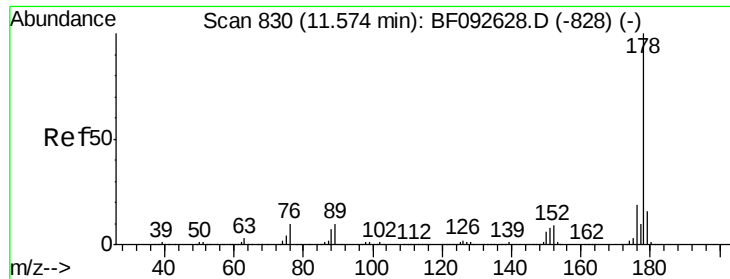
mohammad
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#70
 Phenanthrene
 Concen: 42.80 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.7	12.8	19.2





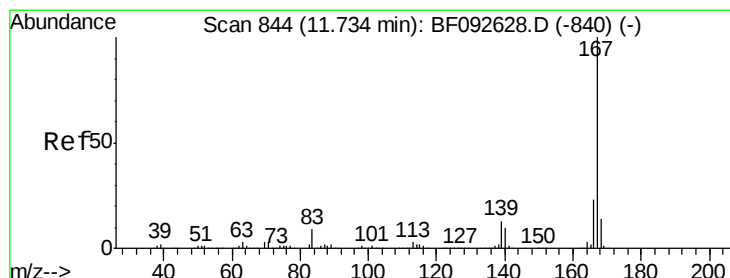
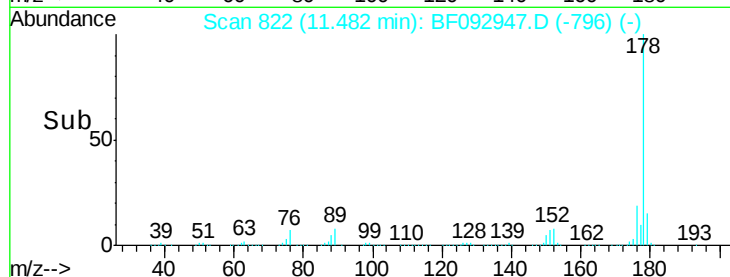
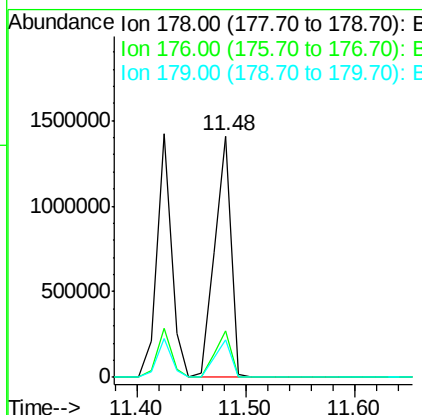
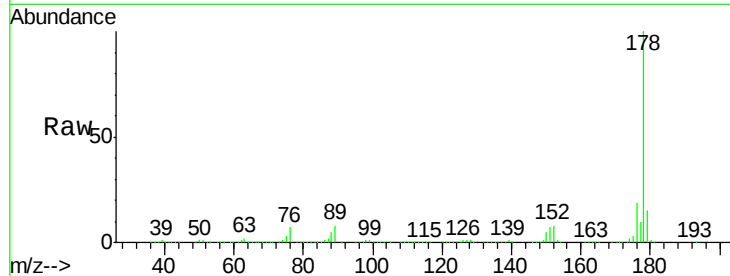
#71
 Anthracene
 Concen: 49.12 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Tgt Ion:178 Resp: 1502881
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.3 13.2 19.8

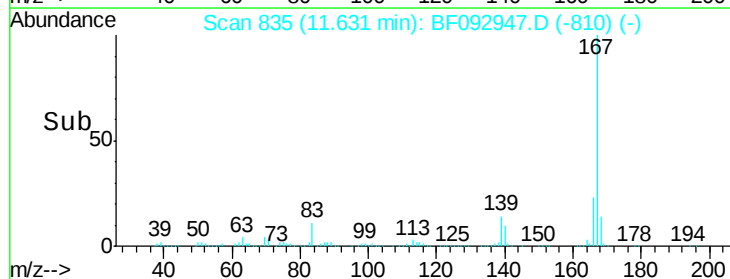
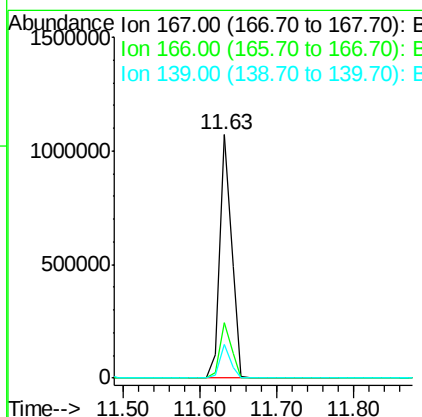
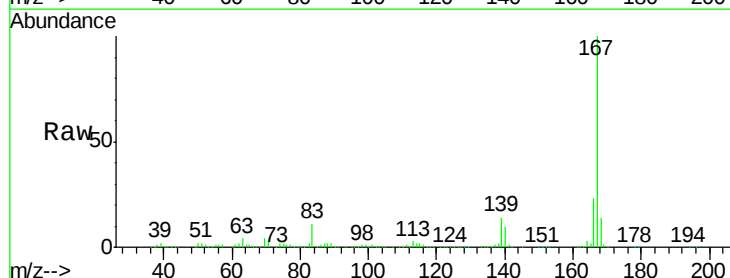
Manual Integrations
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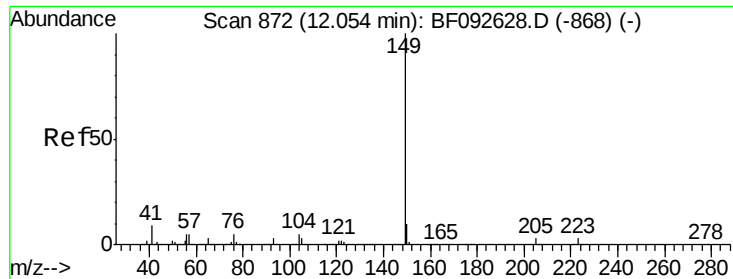
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#72
 Carbazole
 Concen: 39.56 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion:167 Resp: 1157099
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.9 11.4 17.2





#73

Di-n-butylphthalate

Concen: 49.47 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

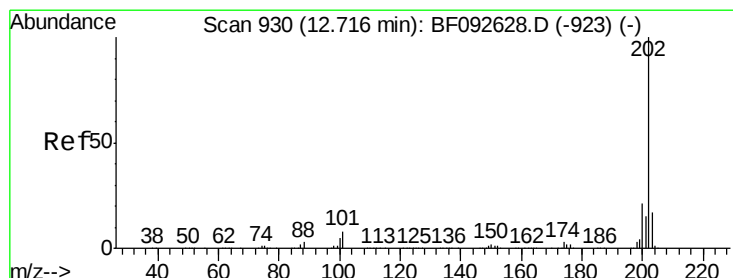
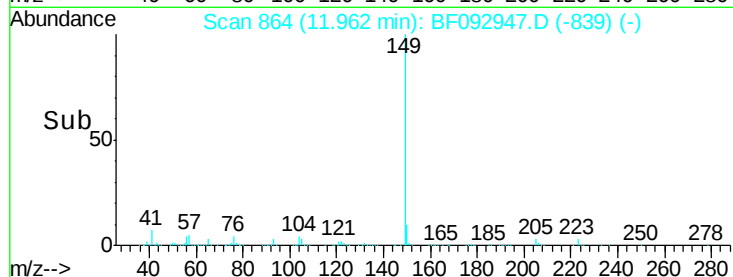
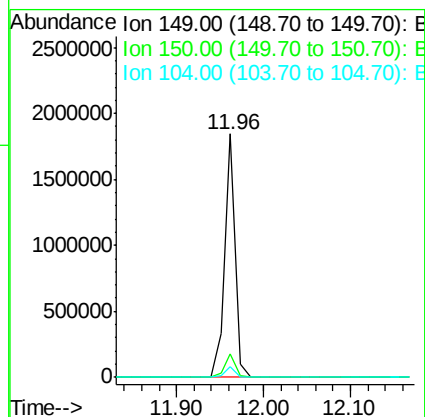
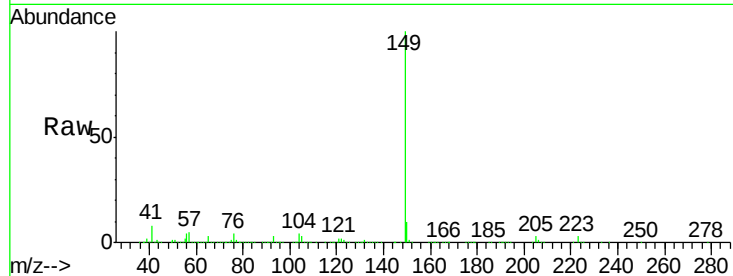
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.5	4.6	7.0

Manual Integrations
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#74

Fluoranthene

Concen: 45.08 ng

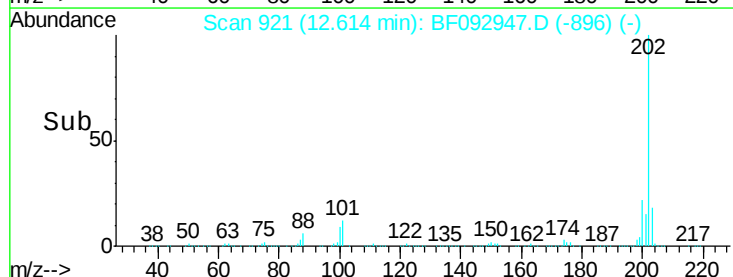
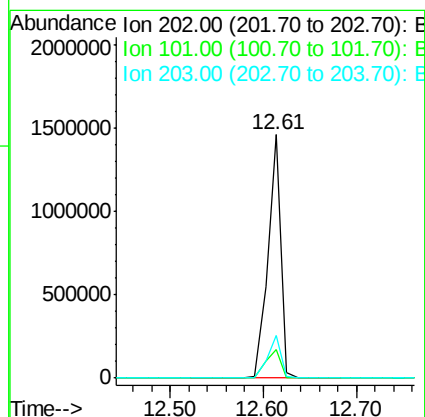
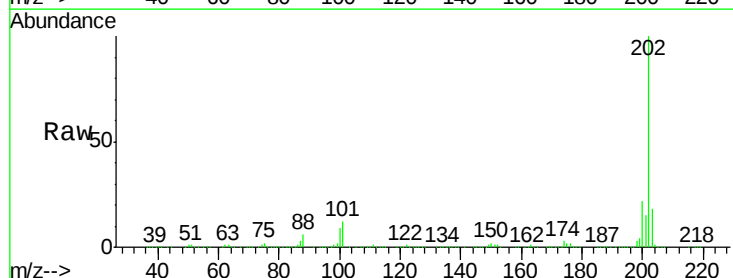
RT: 12.61 min Scan# 921

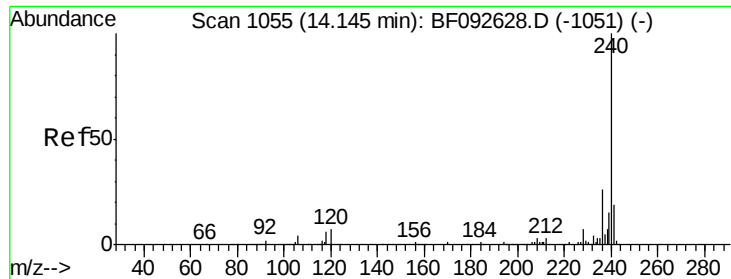
Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.6
203	17.7	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: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

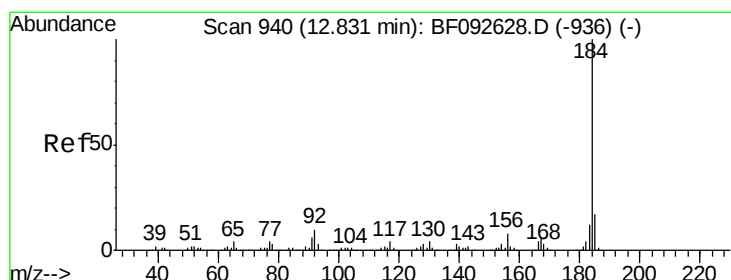
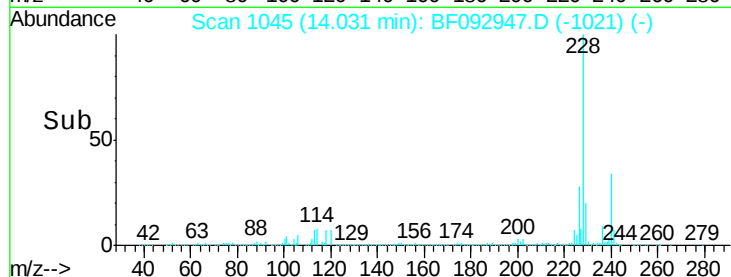
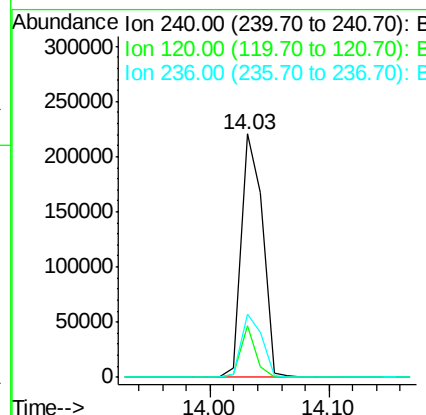
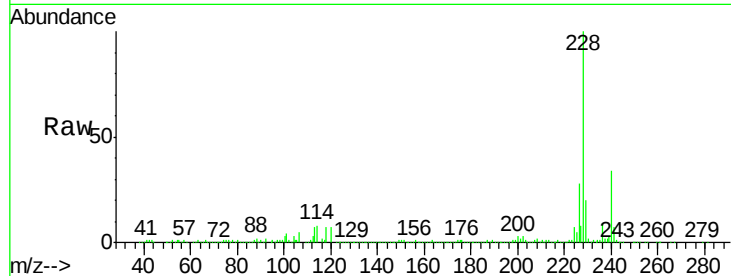
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	277916		
120	21.0	12.9	19.3#	
236	26.1	20.9	31.3	

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#76

Benzidine

Concen: 33.61 ng

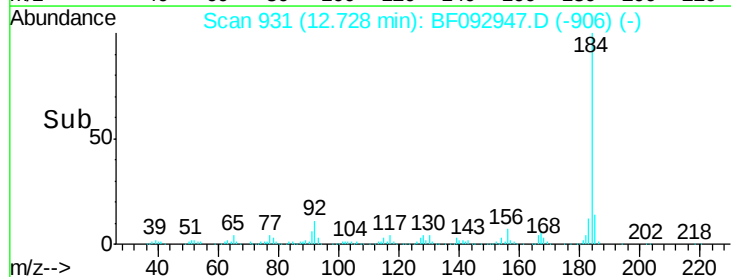
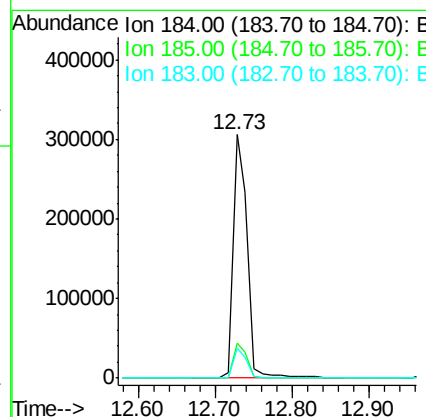
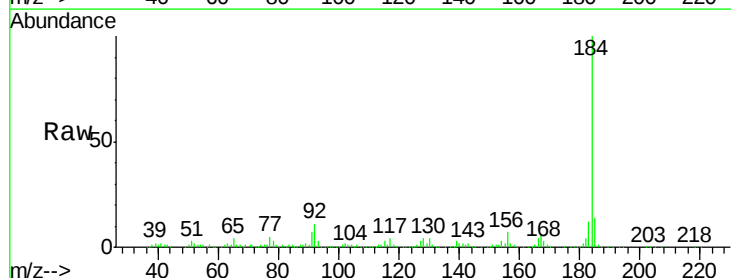
RT: 12.73 min Scan# 931

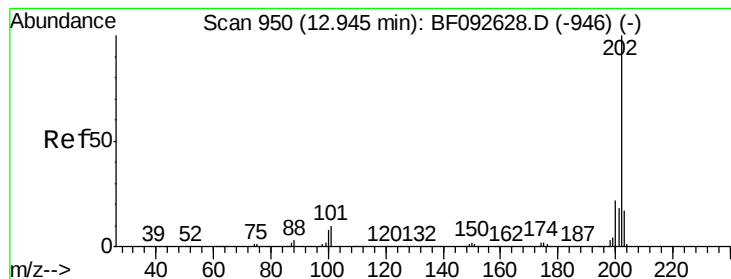
Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	397982		
185	14.1	13.4	20.0	
183	12.1	9.2	13.8	





#77

Pyrene

Concen: 65.93 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:202 Resp: 1371327

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

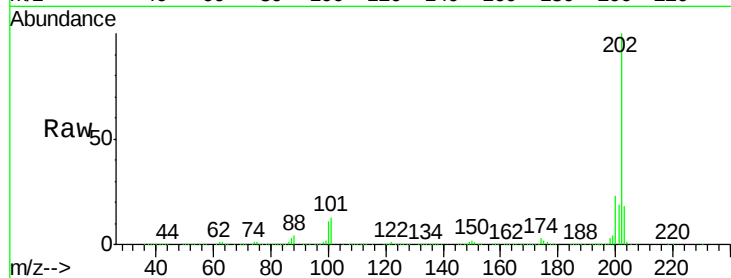
203 17.9 14.7 22.1

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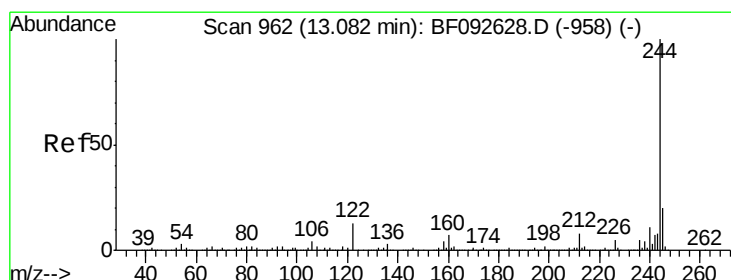
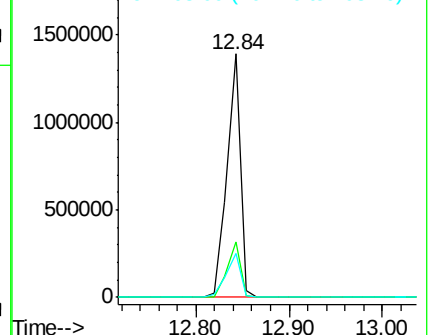
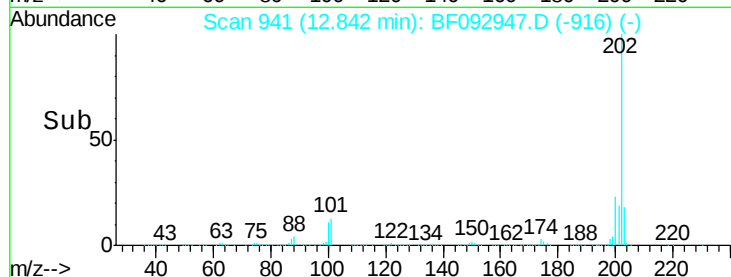
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 122.92 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

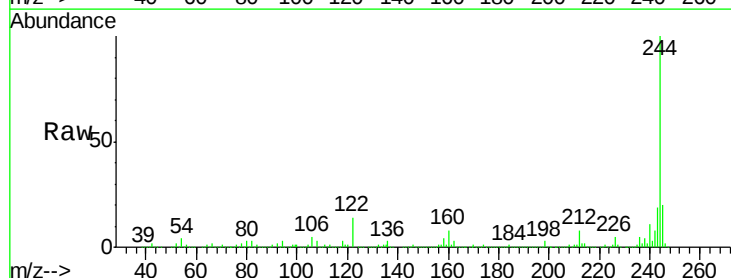
Tgt Ion:244 Resp: 1453855

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

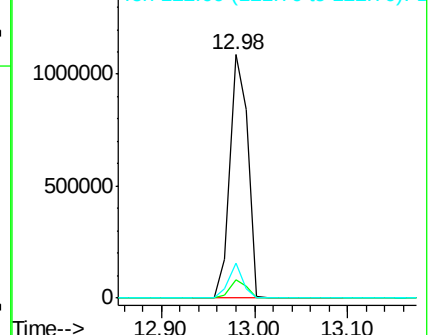
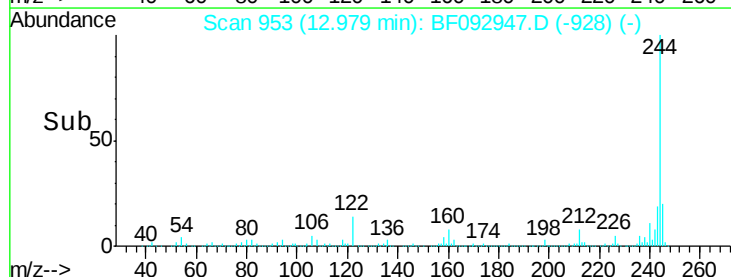
122 14.2 11.4 17.2

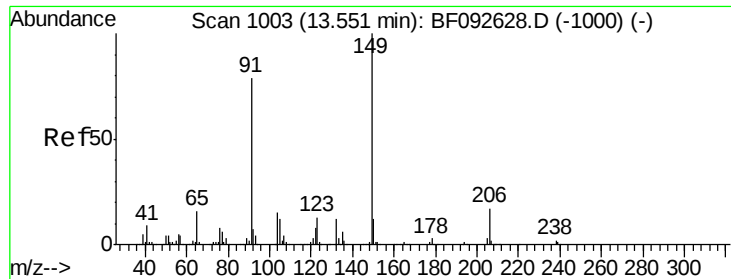


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 75.27 ng

RT: 13.46 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

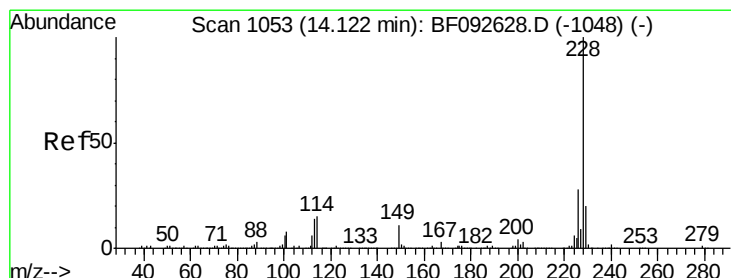
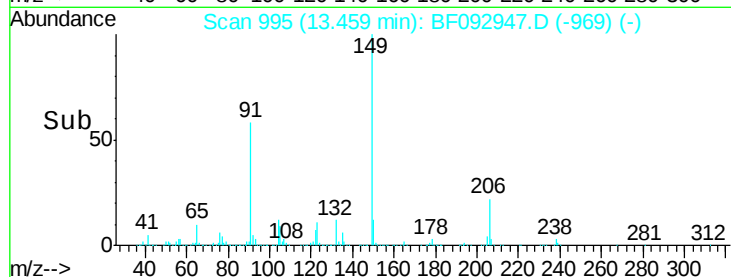
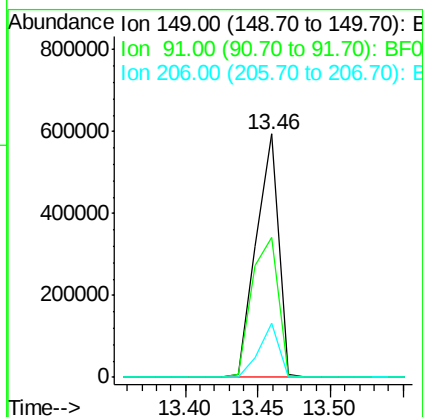
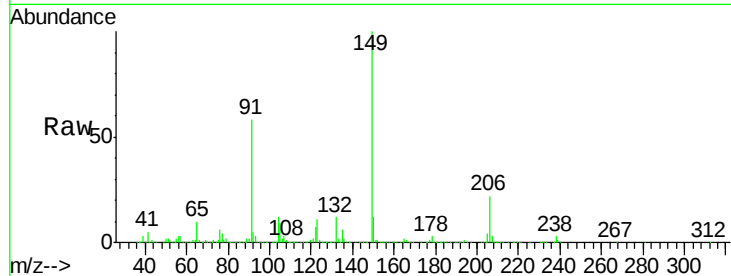
ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:	149	Resp:	635743
Ion Ratio	Lower	Upper	
149	100		
91	57.7	63.9	95.9#
206	22.0	14.6	21.8#

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#80

Benzo(a)anthracene

Concen: 53.94 ng

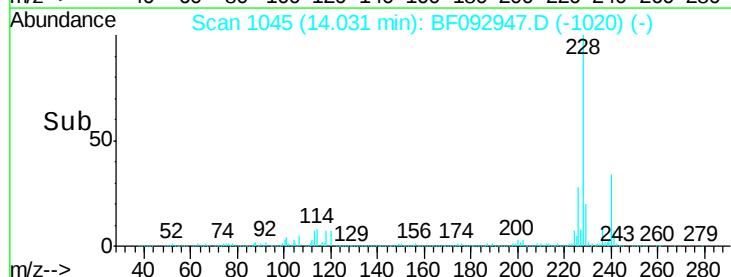
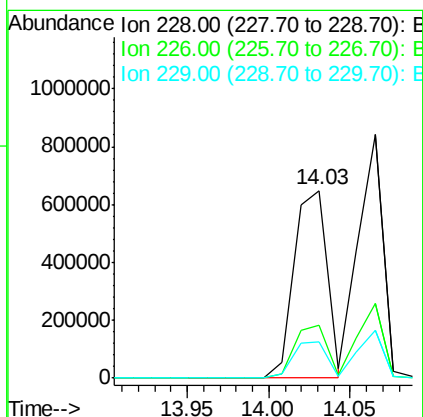
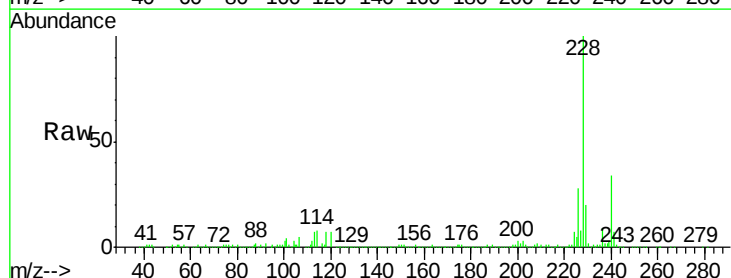
RT: 14.03 min Scan# 1045

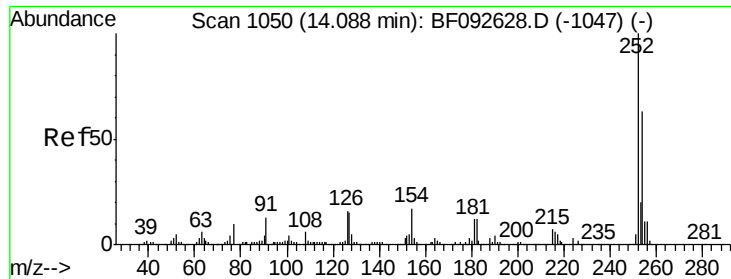
Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion:	228	Resp:	916944
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.4	33.6
229	19.6	16.2	24.4





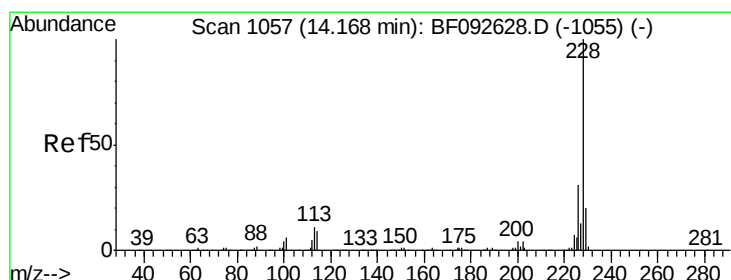
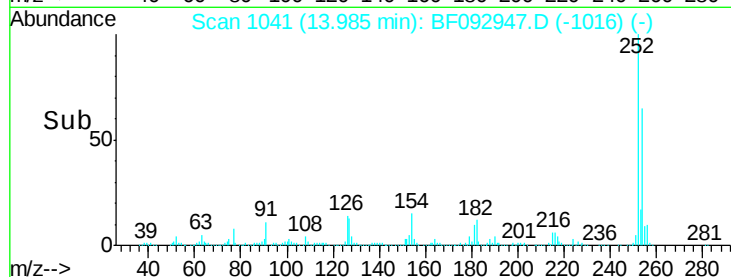
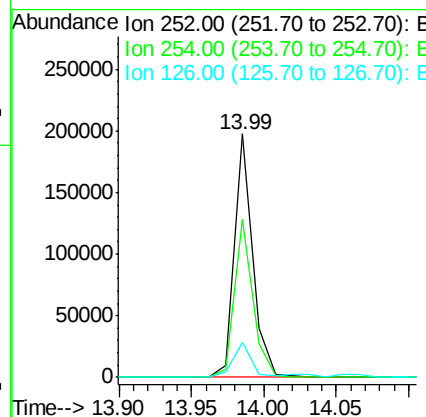
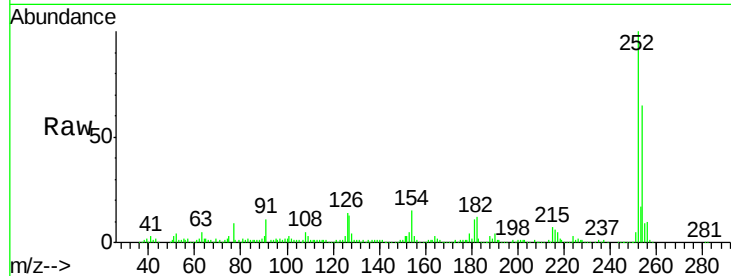
#81
 3,3'-Dichlorobenzidine
 Concen: 28.63 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	173467		
254	64.6	52.3	78.5	
126	14.2	13.6	20.4	

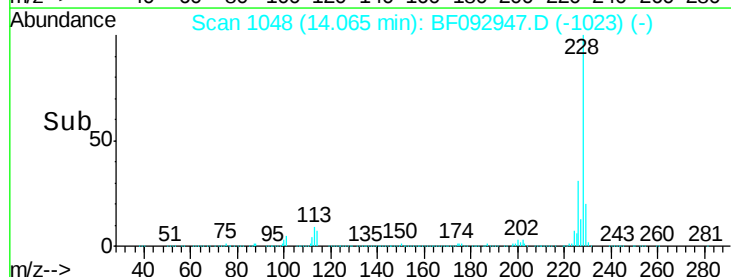
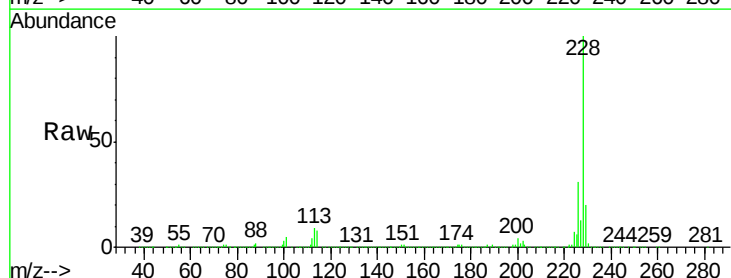
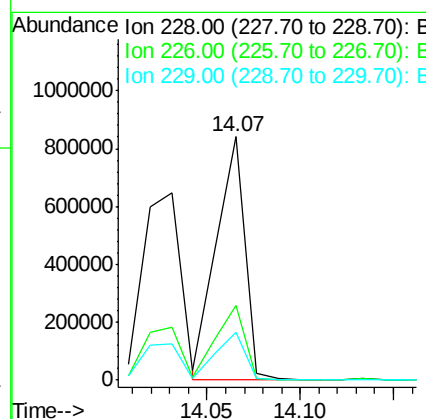
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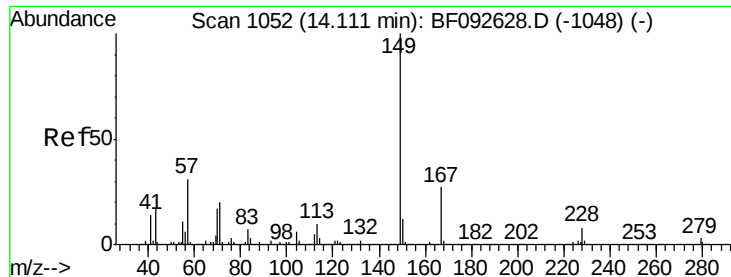
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#82
 Chrysene
 Concen: 56.31 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	896159		
226	30.6	25.4	38.0	
229	19.8	16.2	24.2	





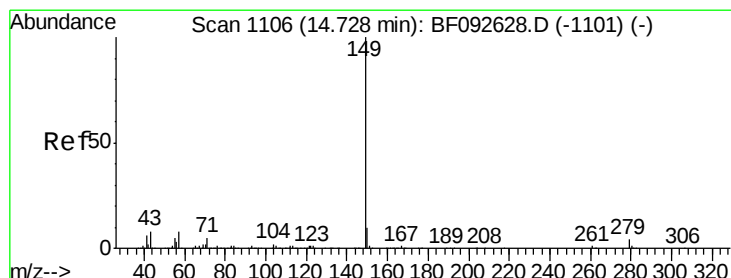
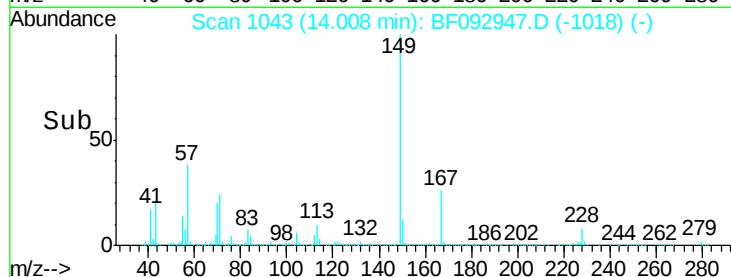
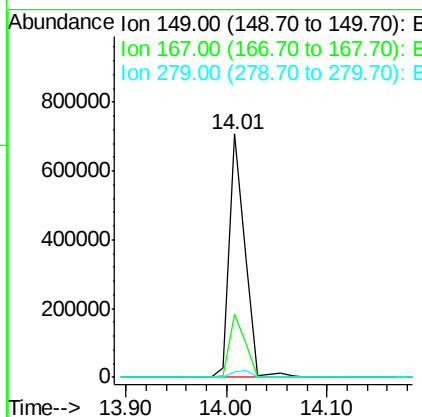
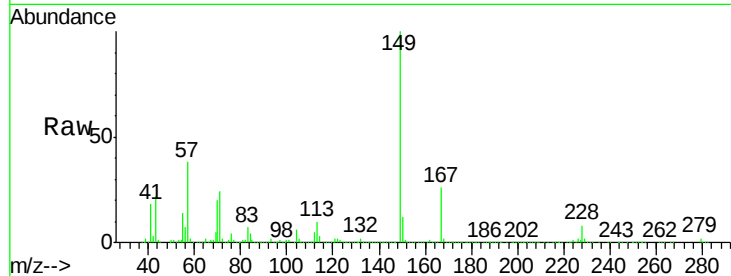
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.50 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	756611		
167	25.7	20.2	30.4	
279	2.1	1.8	2.8	

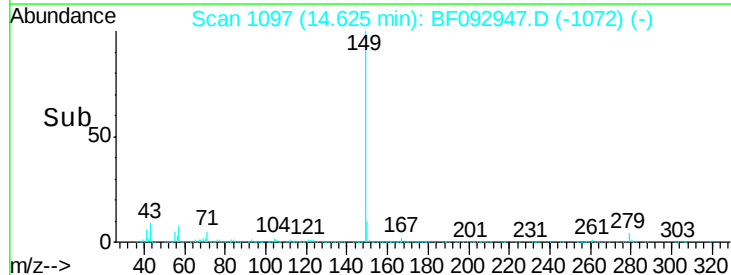
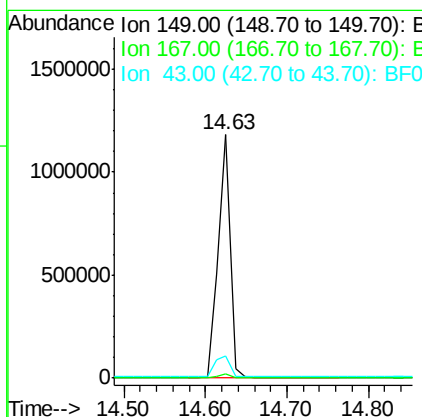
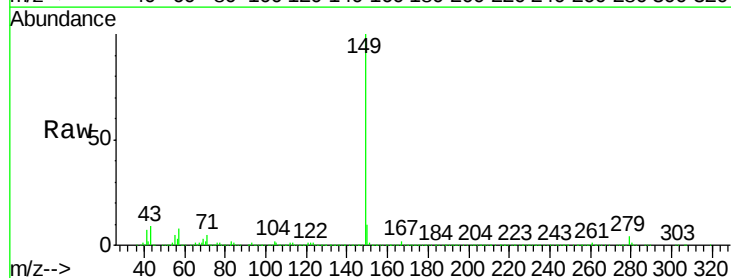
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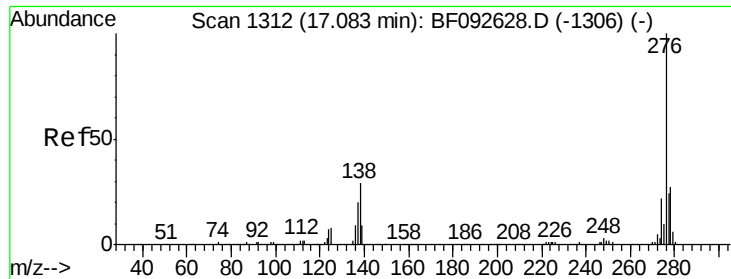
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 63.89 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1201661		
167	1.6	1.3	1.9	
43	11.2	8.9	13.3	





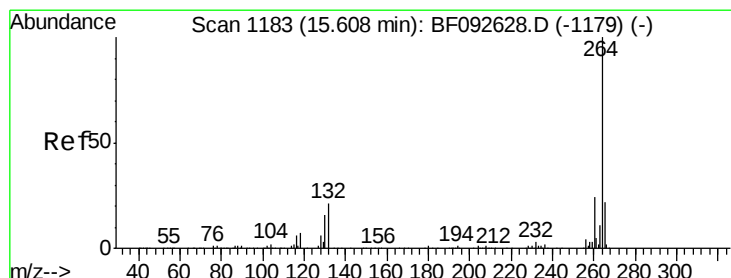
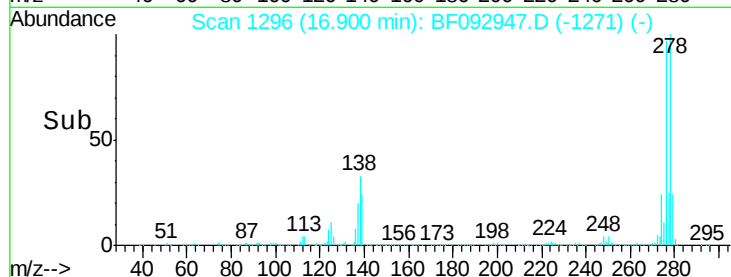
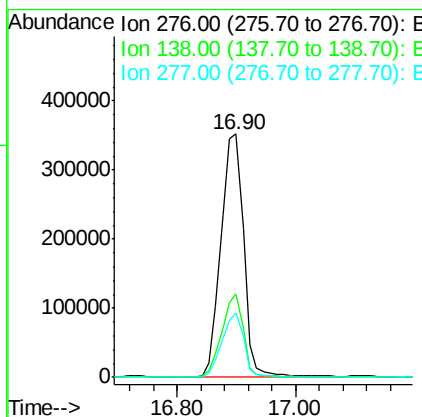
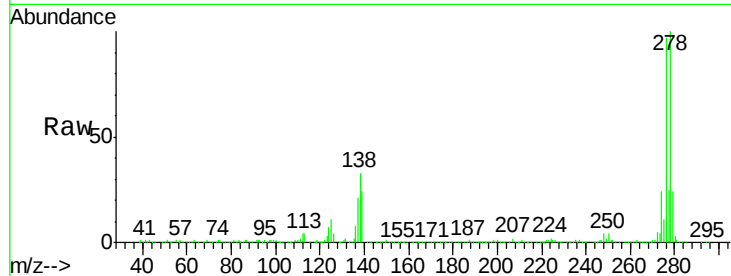
#85
Indeno(1,2,3-cd)pyrene
Concen: 76.03 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	937198		
138	32.1	21.8	32.6	
277	25.1	20.2	30.4	

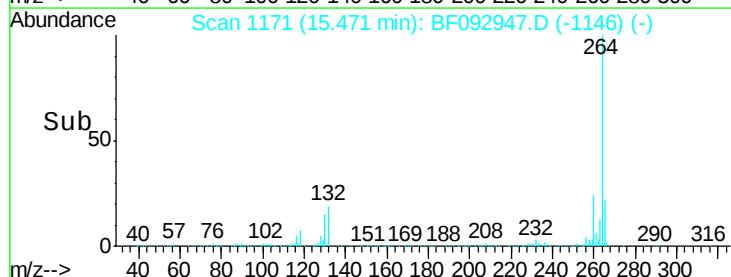
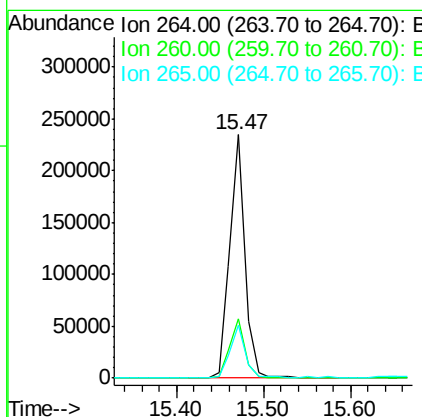
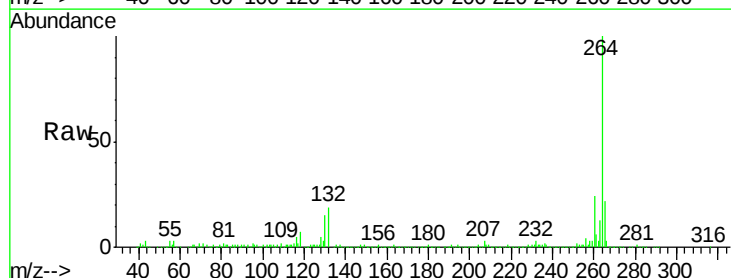
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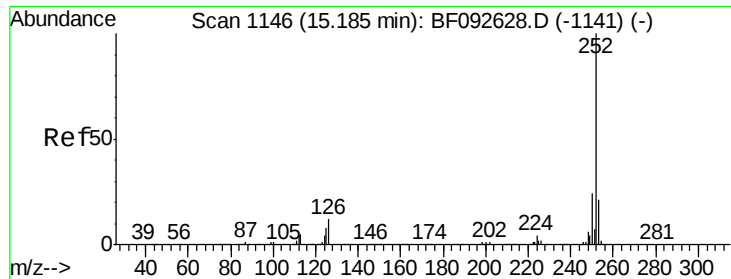
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	285913		
260	24.4	19.2	28.8	
265	22.0	17.4	26.0	





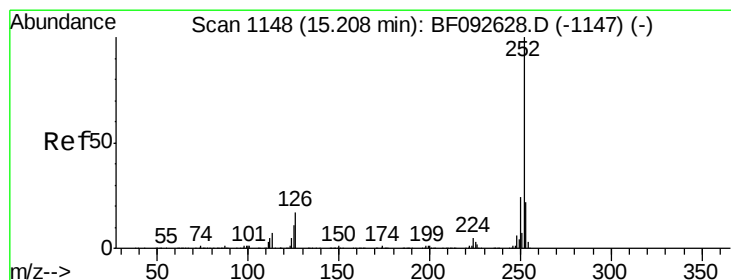
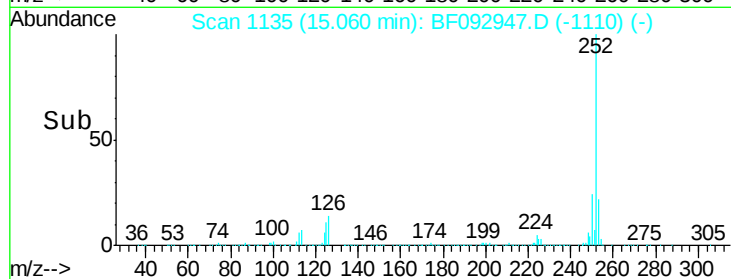
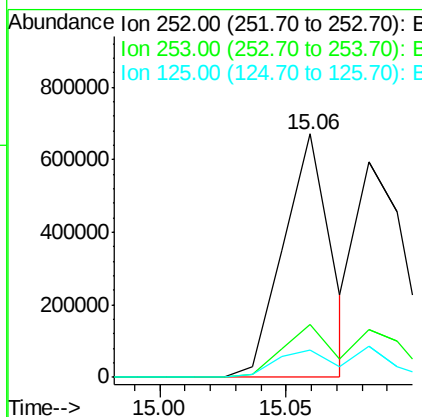
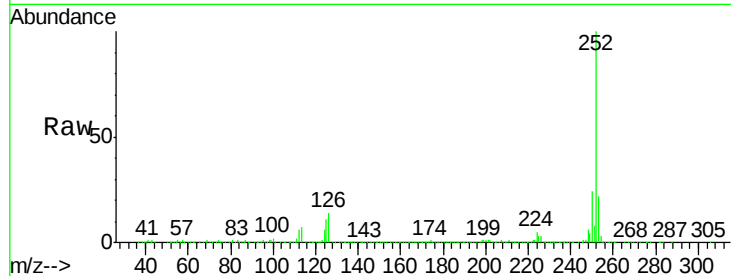
#87
Benzo(b)fluoranthene
Concen: 46.55 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	11.1	9.8	14.6

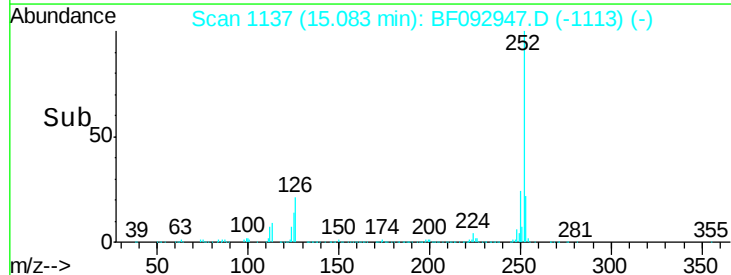
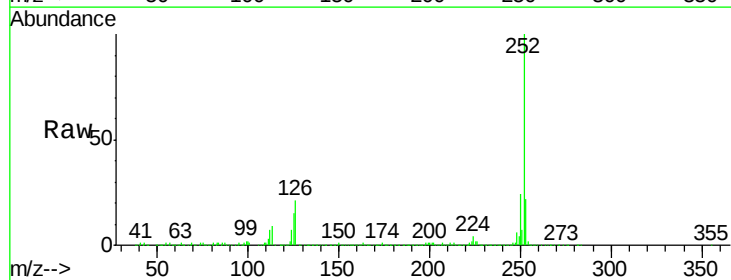
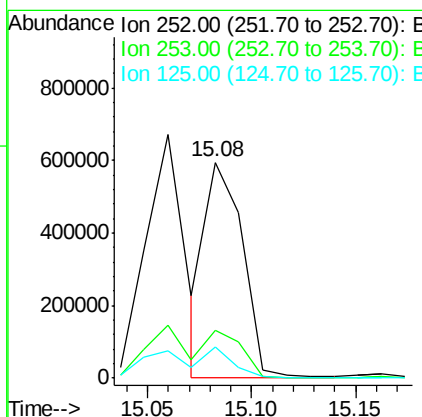
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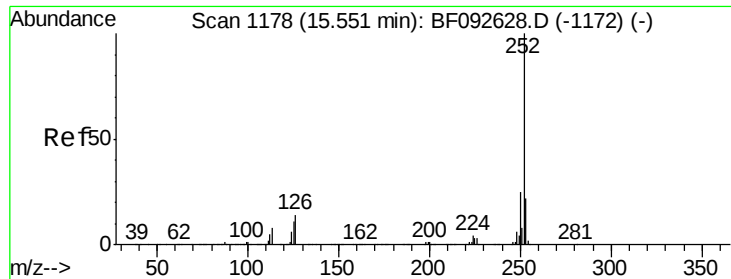
mohammad
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#88
Benzo(k)fluoranthene
Concen: 46.17 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	14.6	8.9	13.3#





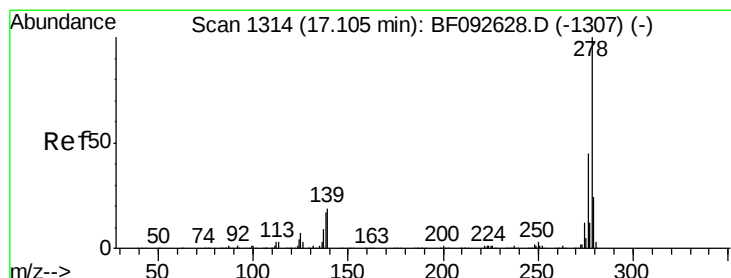
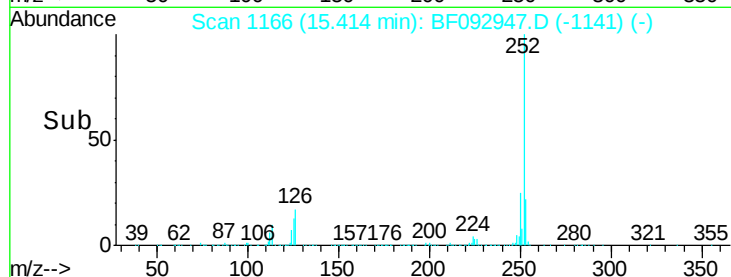
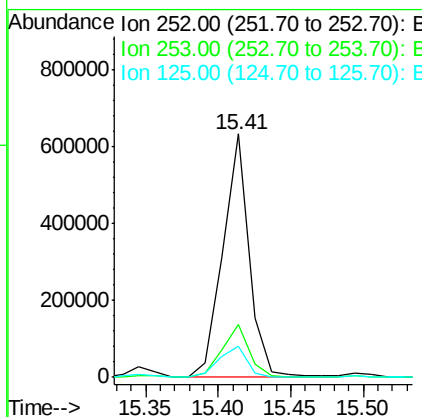
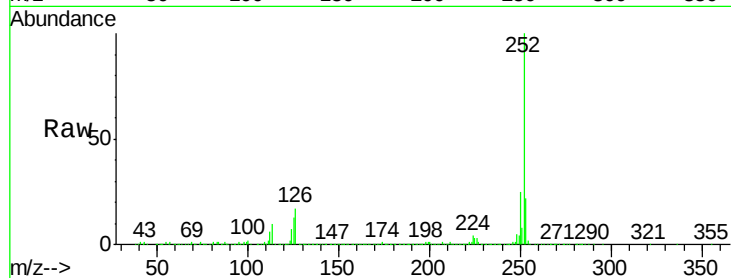
#89
Benzo(a)pyrene
Concen: 48.60 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-002-BMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	12.8	10.0	15.0

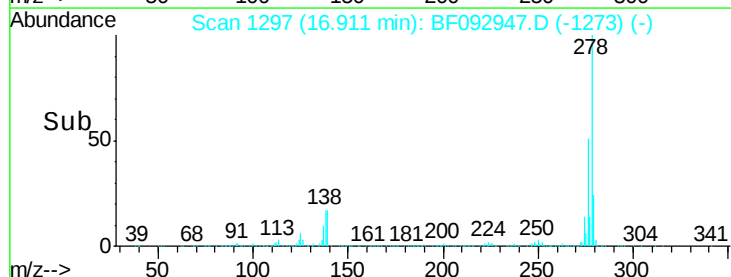
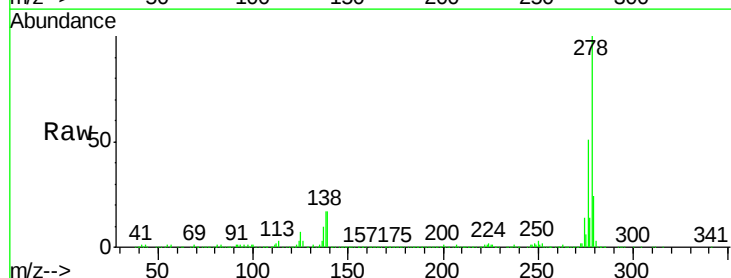
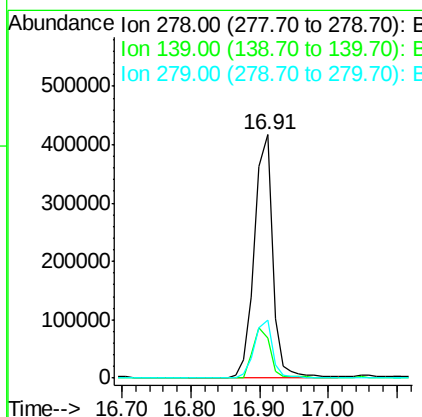
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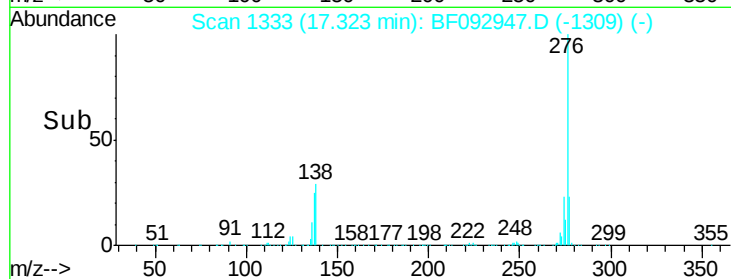
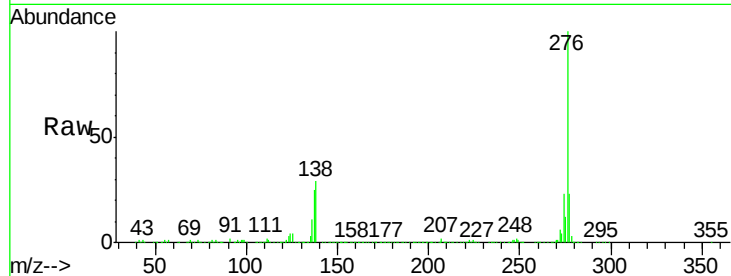
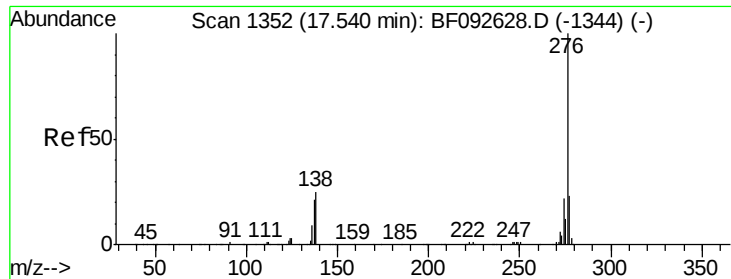
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 57.99 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.8	22.2
279	24.0	19.8	29.6





#91

Benzo(g,h,i)perylene

Concen: 61.08 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.02 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-002-BMSD

Tgt Ion:	276	Resp:	811853
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.2	28.8
138	29.5	16.0	24.0#

Manual Integrations
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