

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092744.D
 Acq On : 2 Feb 2017 19:26
 Operator : SJ/MA
 Sample : I1658-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMSD

Manual Integrations
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 2/3/2017 1:22:56 PM

Quant Time: Feb 03 00:38:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	174099	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	588214	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	291072	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	443843	20.00	ng	-0.02
75) Chrysene-d12	14.10	240	278107	20.00	ng	-0.05
86) Perylene-d12	15.56	264	317064	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1547192	152.46	ng	-0.01
7) Phenol-d6	6.59	99	1968538	150.77	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1372177	129.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.78	330	337499	160.32	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1557867	96.96	ng	-0.02
78) Terphenyl-d14	13.05	244	1096450	92.64	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	256827	46.84	ng	# 84
3) Pyridine	3.39	79	743631	53.33	ng	# 85
4) n-Nitrosodimethylamine	3.38	42	398919	60.93	ng	# 84
6) Aniline	6.60	93	355046	19.93	ng	# 1
8) 2-Chlorophenol	6.73	128	570213	50.93	ng	91
9) Benzaldehyde	6.49	77	448554	47.95	ng	97
10) Phenol	6.60	94	780187	51.07	ng	82
11) bis(2-Chloroethyl)ether	6.68	93	879387	72.12	ng	97
12) 1,3-Dichlorobenzene	6.88	146	637629	48.63	ng	# 92
13) 1,4-Dichlorobenzene	6.96	146	686061	51.69	ng	97
14) 1,2-Dichlorobenzene	7.12	146	619198	48.79	ng	94
15) Benzyl Alcohol	7.08	79	519883	53.78	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	1074516	50.72	ng	98
17) 2-Methylphenol	7.21	107	525428	54.71	ng	98
18) Hexachloroethane	7.45	117	223236	49.27	ng	# 88
19) n-Nitroso-di-n-propylamine	7.36	70	445271	53.57	ng	94
20) 3+4-Methylphenols	7.36	107	600378	52.28	ng	# 72
22) Acetophenone	7.36	105	817909	60.90	ng	# 93
24) Nitrobenzene	7.53	77	638232	58.84	ng	100
25) Isophorone	7.77	82	1261309	64.08	ng	96
26) 2-Nitrophenol	7.85	139	356630	69.17	ng	90
27) 2,4-Dimethylphenol	7.89	122	609400	67.30	ng	94
28) bis(2-Chloroethoxy)methane	7.98	93	731893	56.14	ng	99
29) 2,4-Dichlorophenol	8.10	162	446480	52.87	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	454692	49.96	ng	96
31) Naphthalene	8.25	128	1514037	50.78	ng	99
32) Benzoic acid	7.89	122	609400	108.22	ng	# 10
33) 4-Chloroaniline	8.30	127	199796	17.09	ng	99
34) Hexachlorobutadiene	8.37	225	244537	48.84	ng	97
35) Caprolactam	8.68	113	139571m	52.54	ng	
36) 4-Chloro-3-methylphenol	8.80	107	442826	50.30	ng	99
37) 2-Methylnaphthalene	8.94	142	915332	47.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	445720	54.55	ng	99
40) Hexachlorocyclopentadiene	9.10	237	235451	63.87	ng	98

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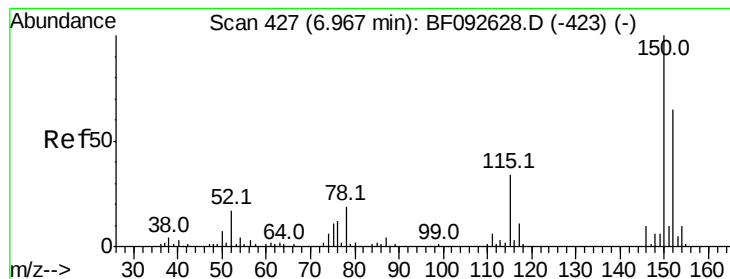
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	313143	58.33	nq	92
43) 2,4,5-Trichlorophenol	9.28	196	308099	52.38	nq	# 89
45) 1,1'-Biphenyl	9.41	154	1155105	54.80	nq	99
46) 2-Chloronaphthalene	9.44	162	850350	51.57	nq	96
47) 2-Nitroaniline	9.54	65	318209	57.40	nq	90
48) Acenaphthylene	9.85	152	1396420	49.03	nq	99
49) Dimethylphthalate	9.72	163	1235226	63.00	nq	99
50) 2,6-Dinitrotoluene	9.78	165	239746	56.62	nq	94
51) Acenaphthene	10.02	154	775157	45.52	nq	98
52) 3-Nitroaniline	9.95	138	166307	34.32	nq	# 72
53) 2,4-Dinitrophenol	10.05	184	13616	10.68	nq	# 94
54) Dibenzofuran	10.19	168	1140312	50.06	nq	97
55) 4-Nitrophenol	10.12	139	313293	89.77	nq	92
56) 2,4-Dinitrotoluene	10.18	165	276717	49.09	nq	95
57) Fluorene	10.53	166	829372	47.33	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	228570	58.25	nq	96
59) Diethylphthalate	10.41	149	945457	51.17	nq	99
60) 4-Chlorophenyl-phenylether	10.52	204	396897	47.15	nq	96
61) 4-Nitroaniline	10.56	138	202148	40.73	nq	93
62) Azobenzene	10.68	77	983623	51.53	nq	96
64) 4,6-Dinitro-2-methylphenol	10.59	198	45661	18.63	nq	89
65) n-Nitrosodiphenylamine	10.65	169	804612	56.75	nq	100
66) 4-Bromophenyl-phenylether	11.01	248	233533	50.36	nq	98
67) Hexachlorobenzene	11.08	284	238927	52.14	nq	95
68) Atrazine	11.17	200	248037	54.51	nq	99
69) Pentachlorophenol	11.28	266	198981	83.75	nq	97
70) Phenanthrene	11.49	178	1271839	50.02	nq	98
71) Anthracene	11.55	178	1353424	53.00	nq	98
72) Carbazole	11.70	167	1028654	42.14	nq	99
73) Di-n-butylphthalate	12.03	149	1490000	56.44	nq	# 96
74) Fluoranthene	12.68	202	1313568	50.08	nq	93
76) Benzidine	12.80	184	441224	37.23	nq	97
77) Pyrene	12.91	202	1259008	60.49	nq	99
79) Butylbenzylphthalate	13.52	149	489063	57.87	nq	98
80) Benzo(a)anthracene	14.09	228	951431	55.94	nq	99
81) 3,3'-Dichlorobenzidine	14.05	252	253802	41.86	nq	98
82) Chrysene	14.13	228	910161	57.15	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	681566	58.97	nq	# 97
84) Di-n-octyl phthalate	14.69	149	1118276	59.41	nq	100
85) Indeno(1,2,3-cd)pyrene	17.04	276	1061761	86.07	nq	96
87) Benzo(b)fluoranthene	15.14	252	980948m	47.00	nq	
88) Benzo(k)fluoranthene	15.17	252	919194m	51.01	nq	
89) Benzo(a)pyrene	15.51	252	939631	52.05	nq	98
90) Dibenzo(a,h)anthracene	17.05	278	869476	59.60	nq	98
91) Benzo(g,h,i)perylene	17.48	276	905246	61.42	nq	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

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SP-COMP-1A-0-2FTMSD

Tot Ion:152 Resp: 174099

Ion Ratio Lower Upper

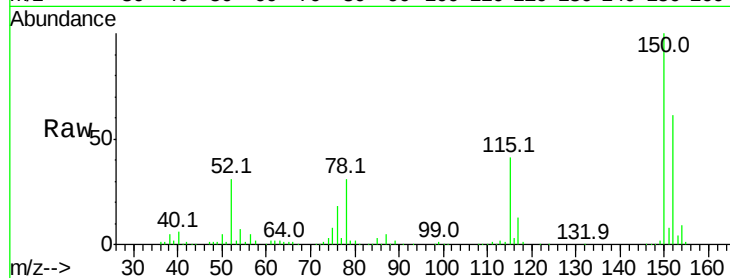
152 100

150 164.3 124.9 187.3

115 67.6 46.0 69.0

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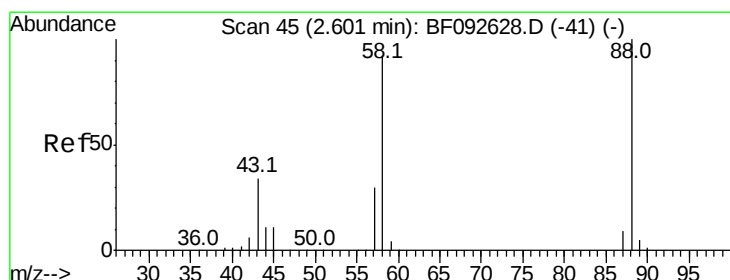
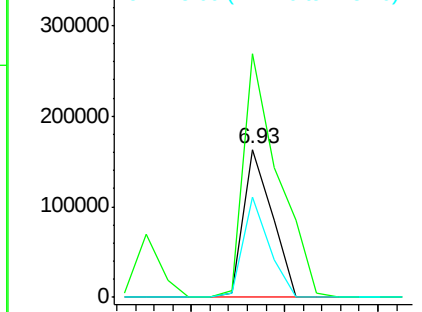
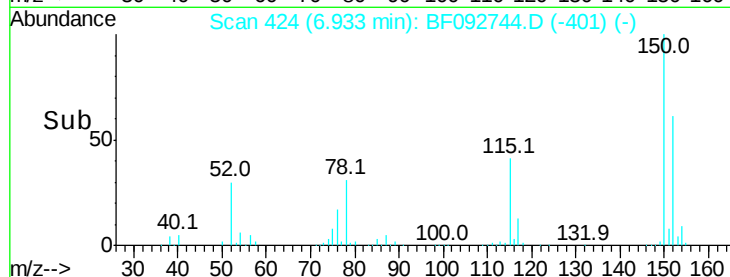
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.84 ng

RT: 2.64 min Scan# 48

Delta R.T. 0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

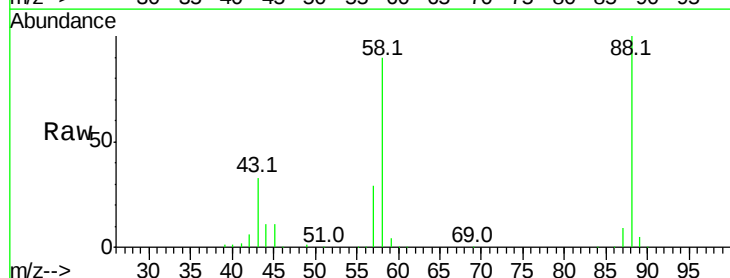
Tgt Ion: 88 Resp: 256827

Ion Ratio Lower Upper

88 100

58 88.7 57.8 86.8#

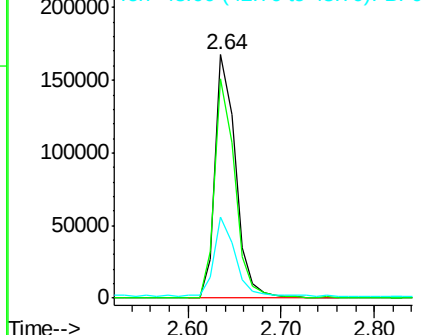
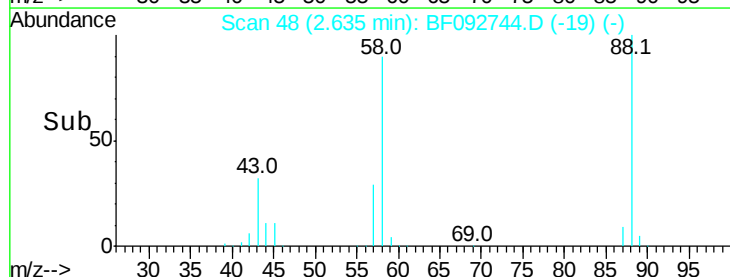
43 32.2 22.3 33.5

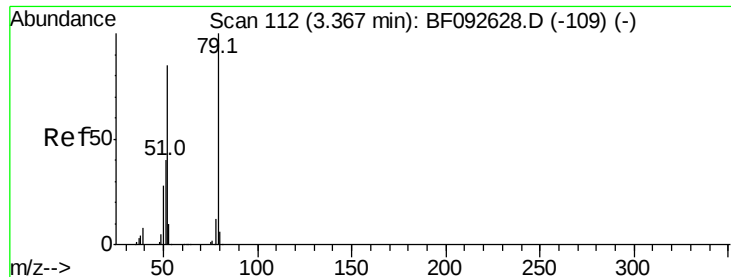


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 53.33 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

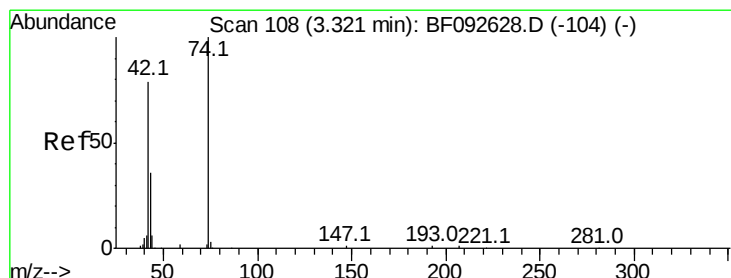
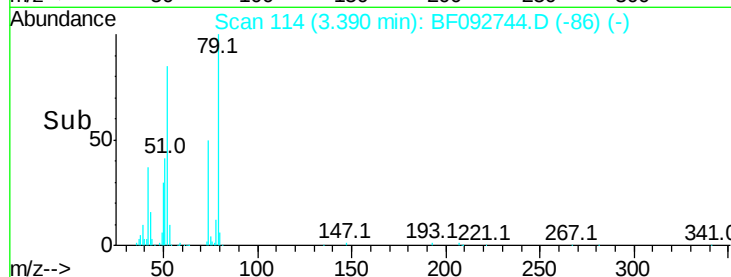
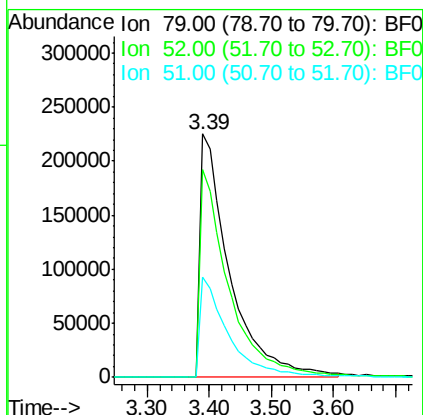
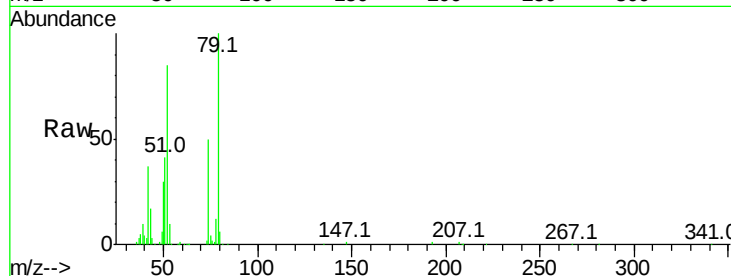
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	79	Resp:	743631
Ion Ratio	Lower	Upper	
79	100		
52	85.4	57.1	85.7
51	40.9	27.3	40.9#

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#4

n-Nitrosodimethylamine

Concen: 60.93 ng

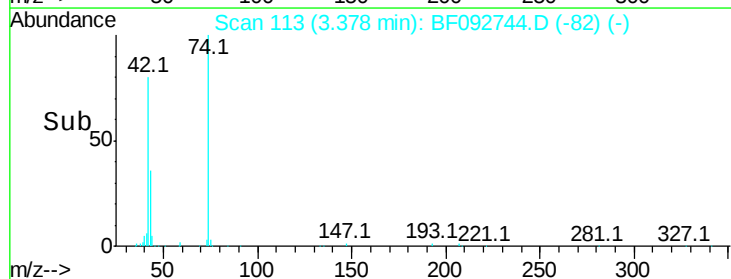
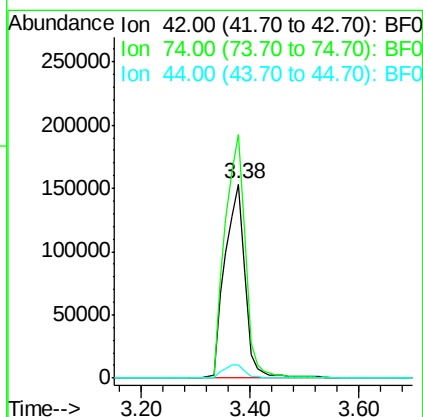
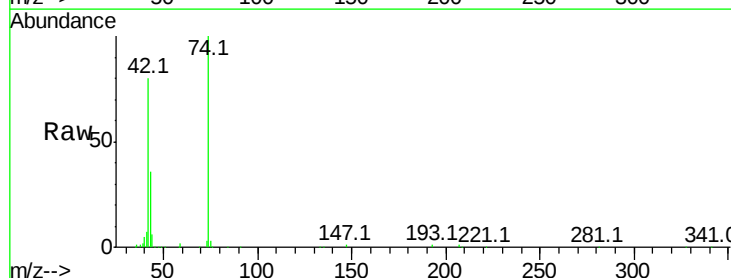
RT: 3.38 min Scan# 113

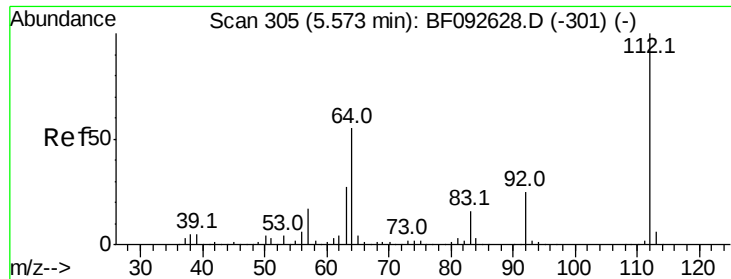
Delta R.T. 0.06 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	42	Resp:	398919
Ion Ratio	Lower	Upper	
42	100		
74	125.4	117.0	175.4
44	7.1	5.5	8.3





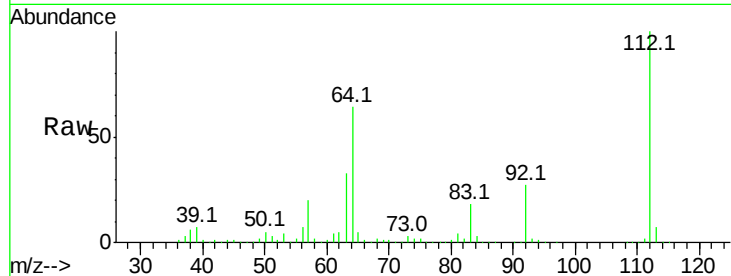
#5
2-Fluorophenol
Concen: 152.46 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

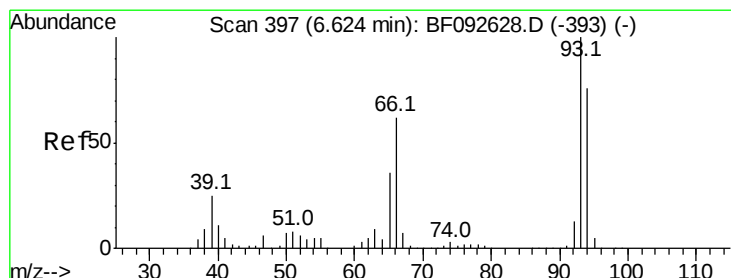
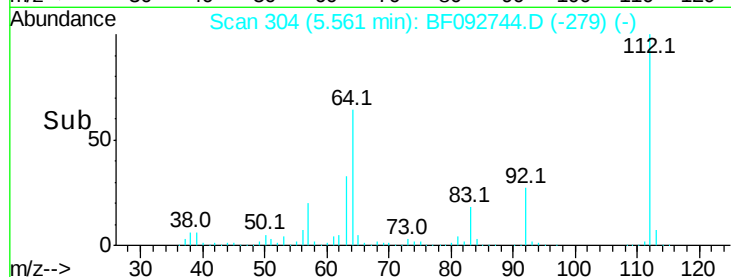
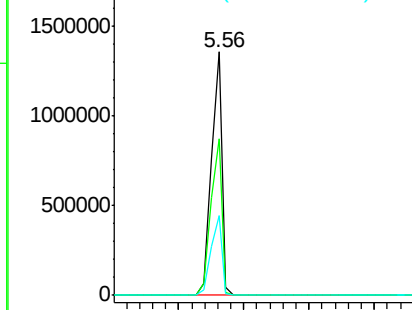
Tot Ion:112 Resp: 1547192
Ion Ratio Lower Upper
112 100
64 64.5 46.1 69.1
63 33.0 23.8 35.6

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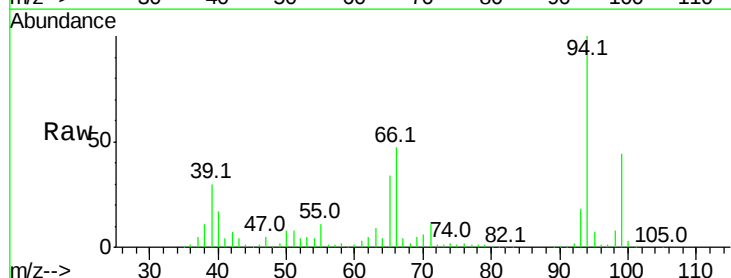


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

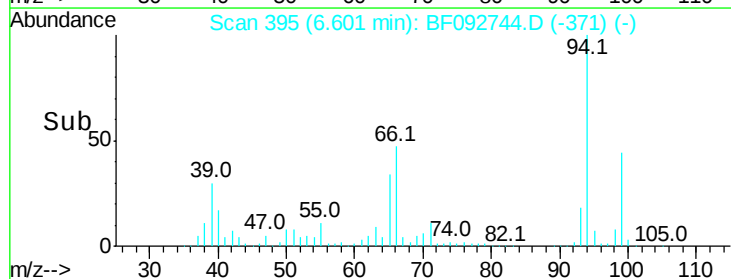
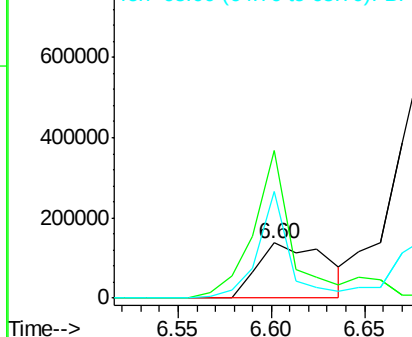


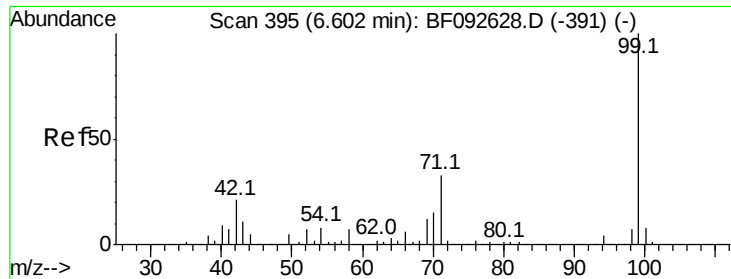
#6
Aniline
Concen: 19.93 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion: 93 Resp: 355046
Ion Ratio Lower Upper
93 100
66 266.6 76.2 114.2#
65 192.4 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 150.77 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092744.D

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BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion: 99 Resp: 1968538

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

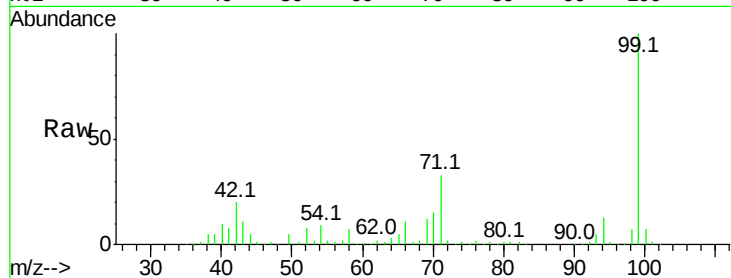
71 32.9 27.5 41.3

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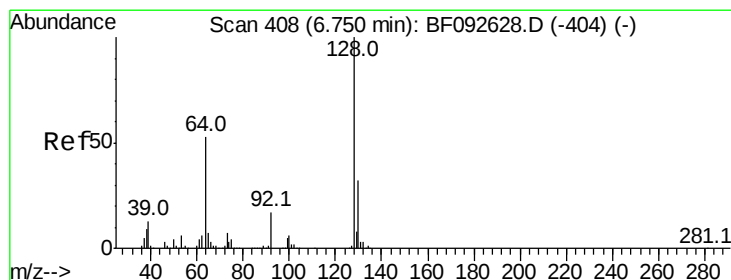
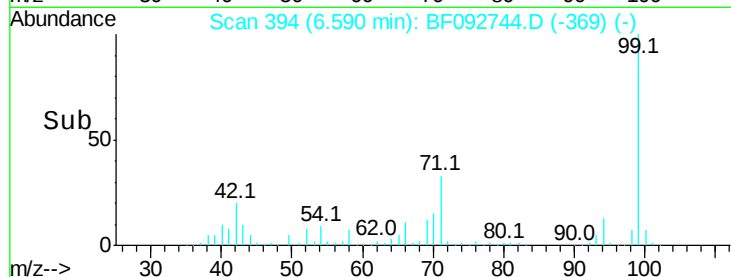
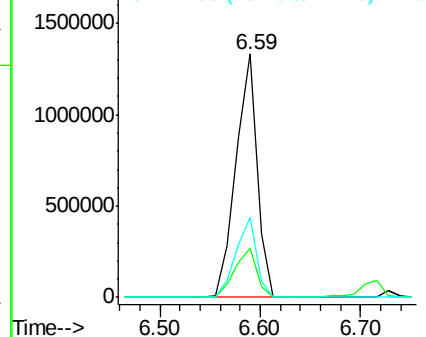
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.93 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

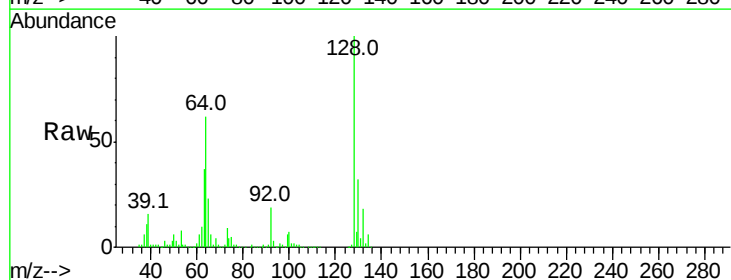
Tgt Ion:128 Resp: 570213

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

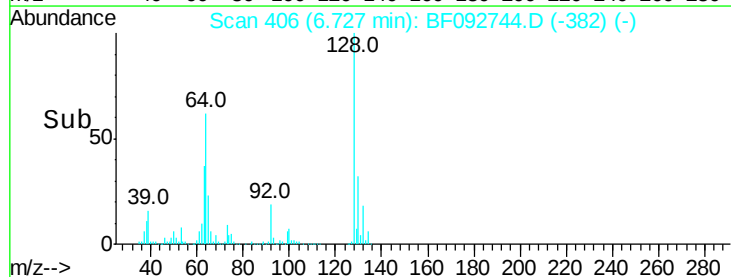
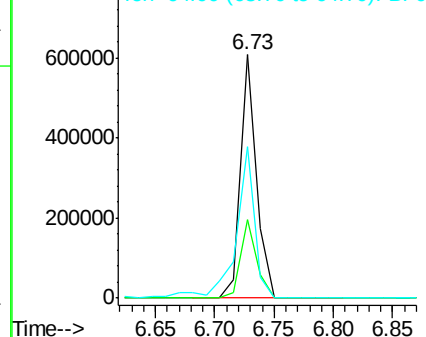
64 62.4 32.2 72.2

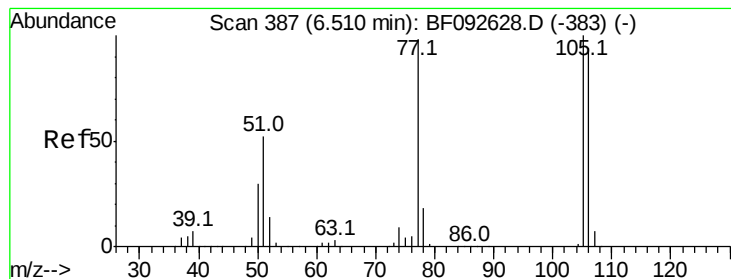


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 47.95 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

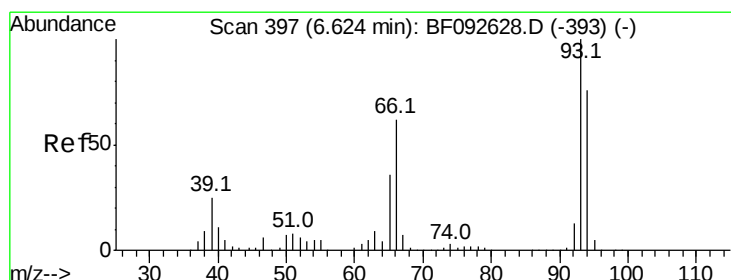
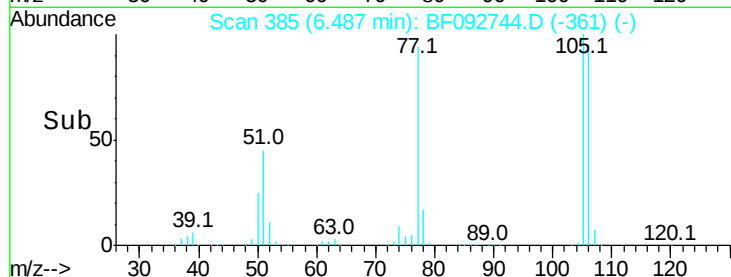
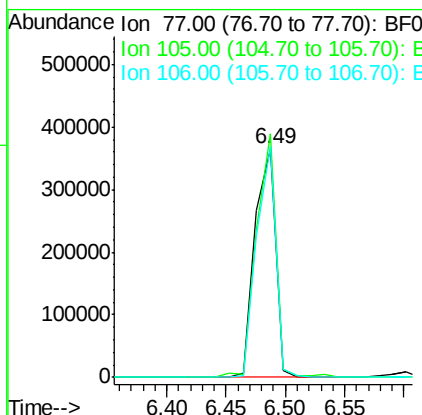
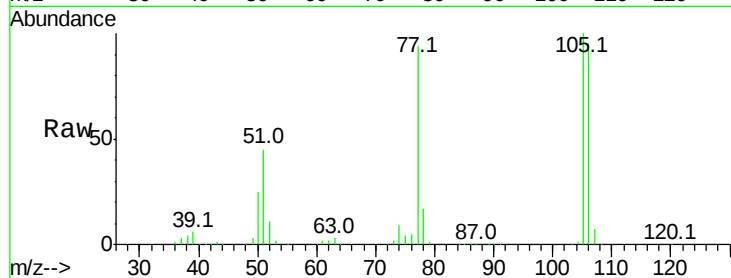
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.6	83.9	123.9
106	101.1	77.6	117.6

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#10

Phenol

Concen: 51.07 ng

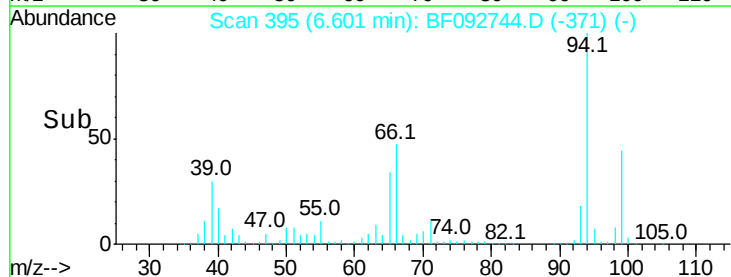
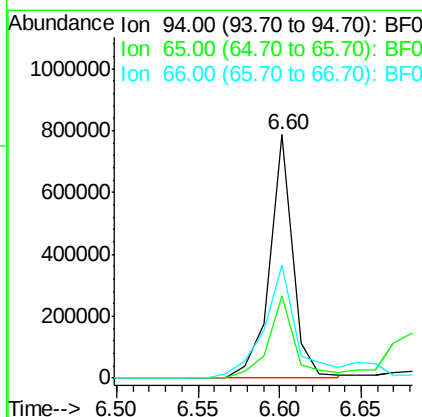
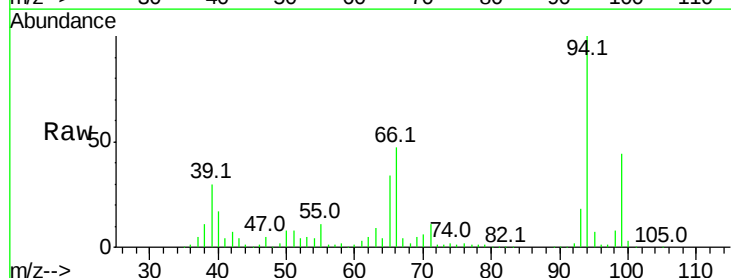
RT: 6.60 min Scan# 395

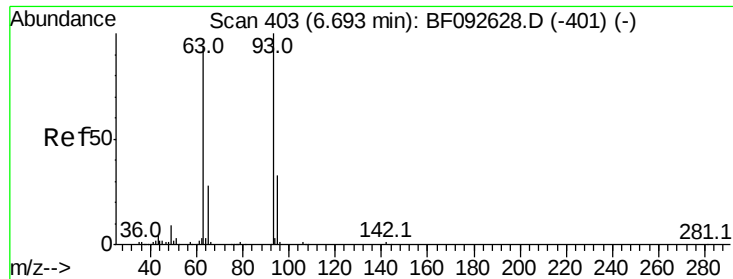
Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.7	21.4	61.4
66	46.7	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 72.12 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

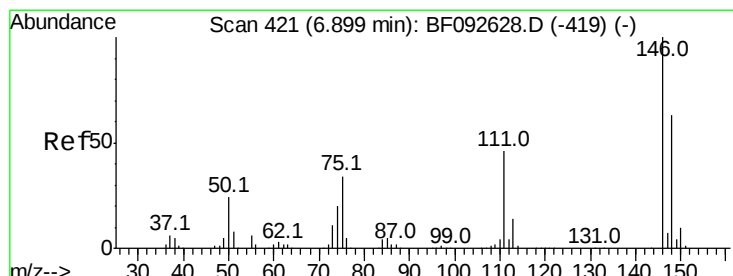
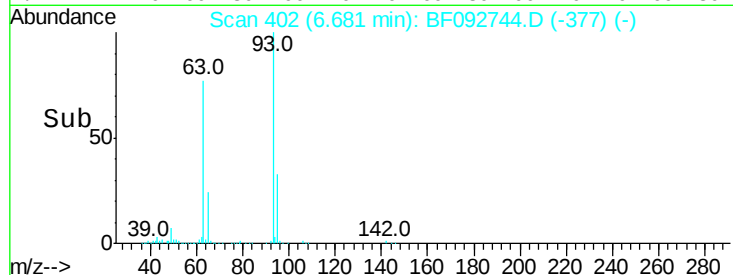
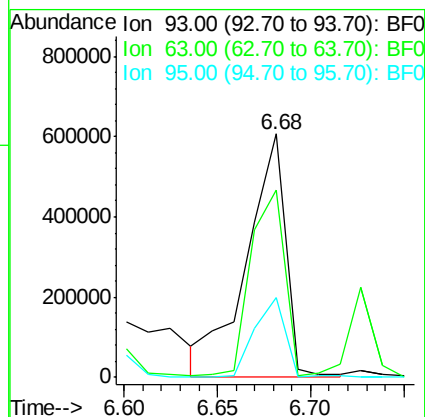
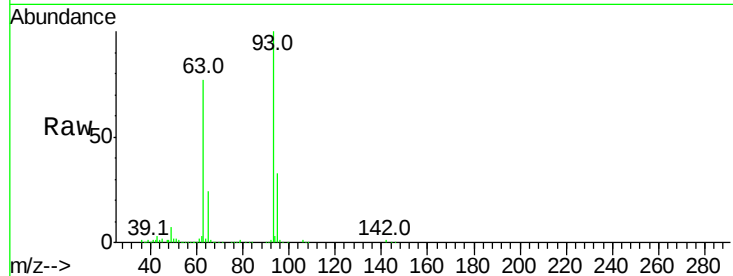
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	93	Resp:	879387
Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.4	100.4
95	33.0	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 48.63 ng

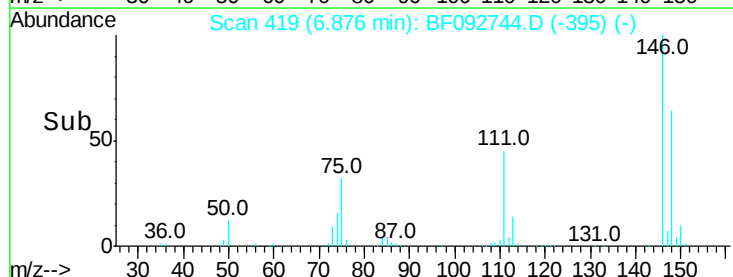
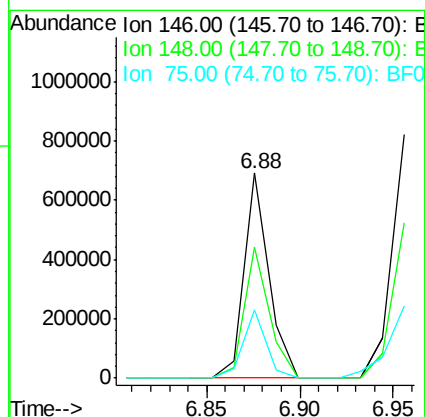
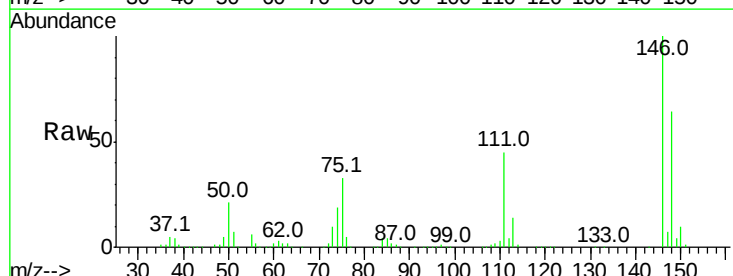
RT: 6.88 min Scan# 419

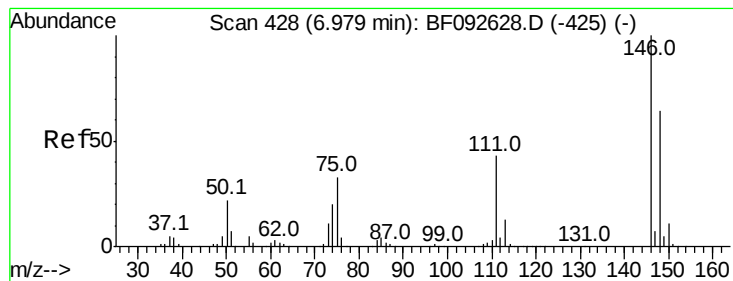
Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	146	Resp:	637629
Ion	Ratio	Lower	Upper
146	100		
148	63.7	53.4	80.0
75	33.1	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 51.69 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

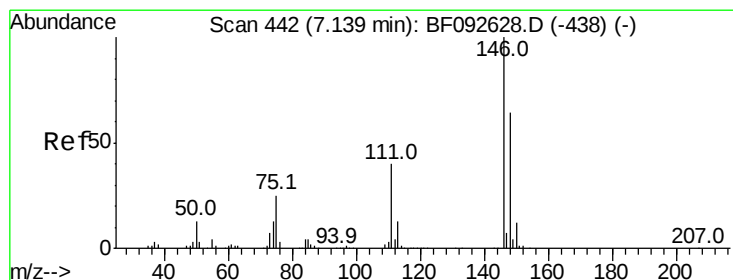
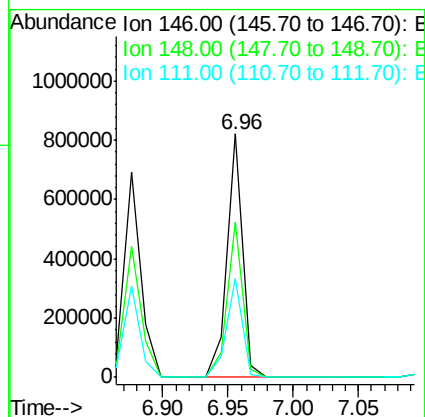
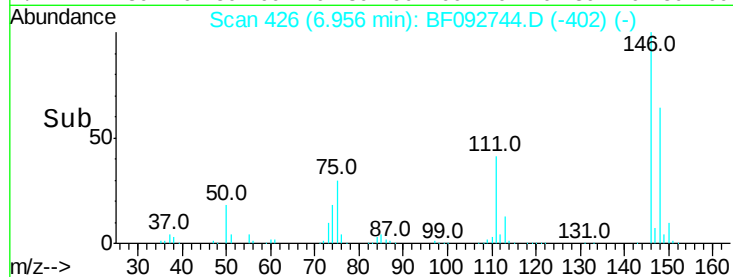
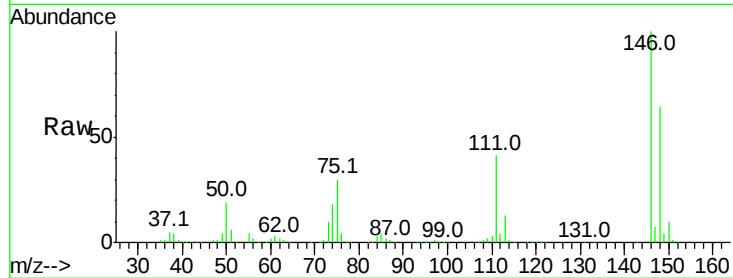
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	146	Resp:	686061
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	76.0
111	40.5	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 48.79 ng

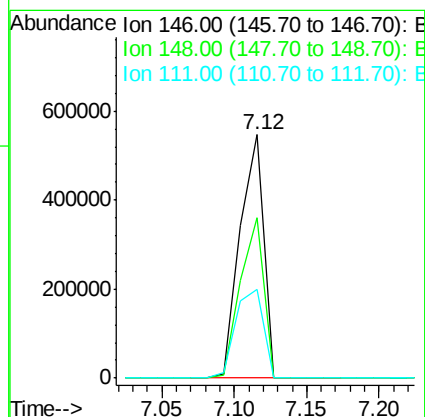
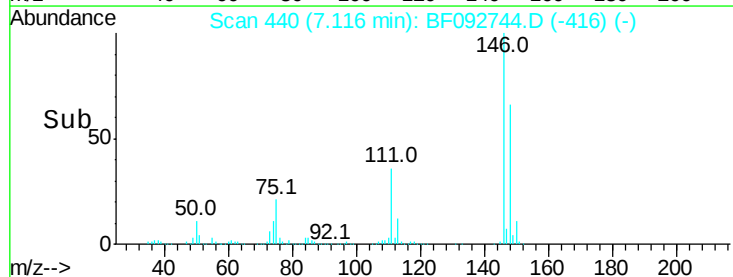
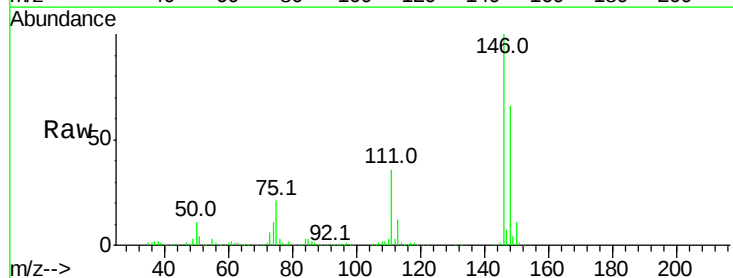
RT: 7.12 min Scan# 440

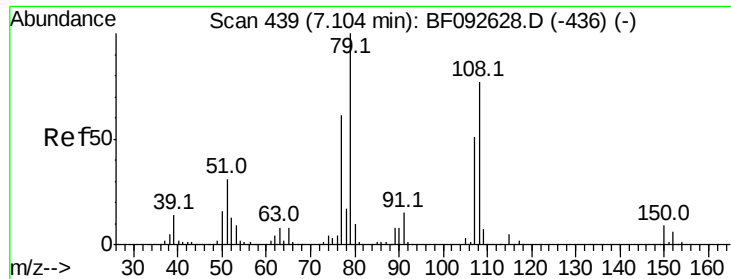
Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	146	Resp:	619198
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.2	78.2
111	36.3	36.2	54.2





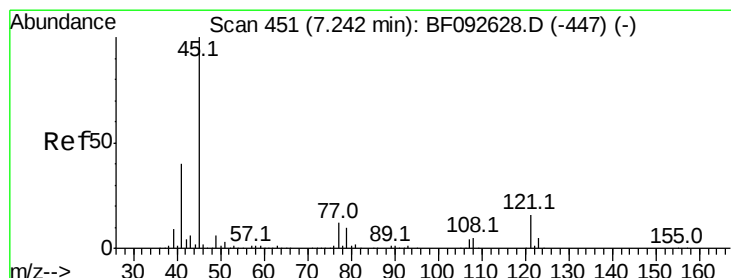
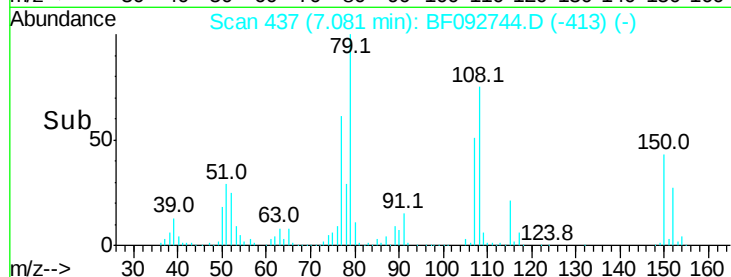
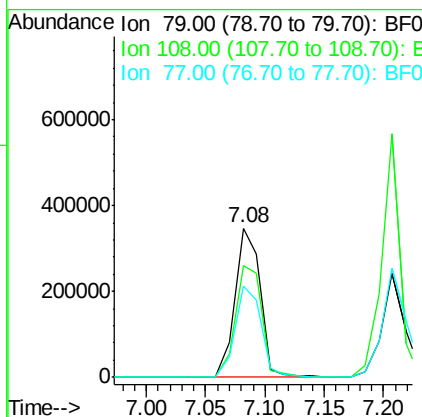
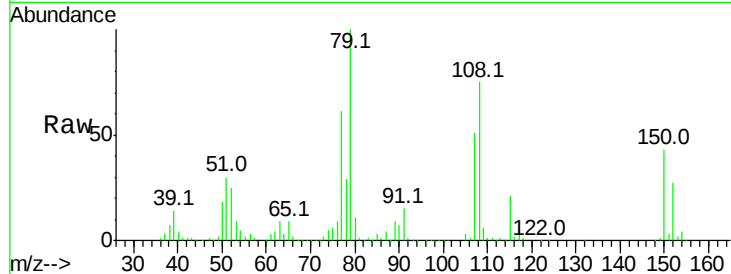
#15
Benzyl Alcohol
Concen: 53.78 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion: 79 Resp: 519883
Ion Ratio Lower Upper
79 100
108 75.3 61.4 92.0
77 61.1 50.9 76.3

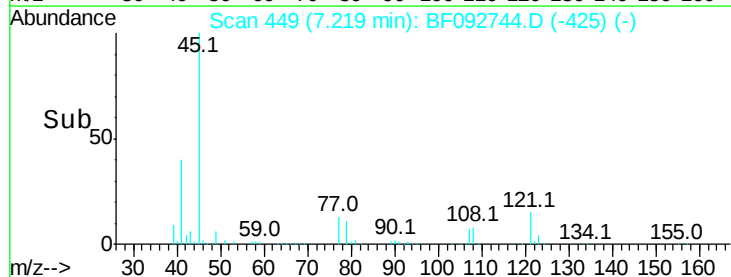
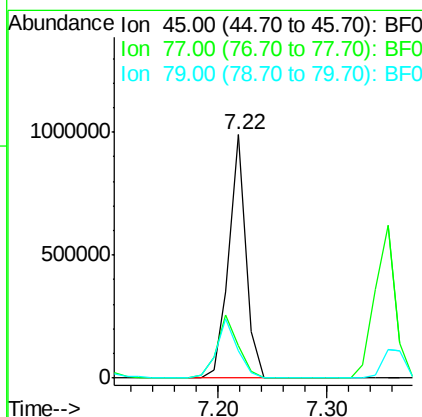
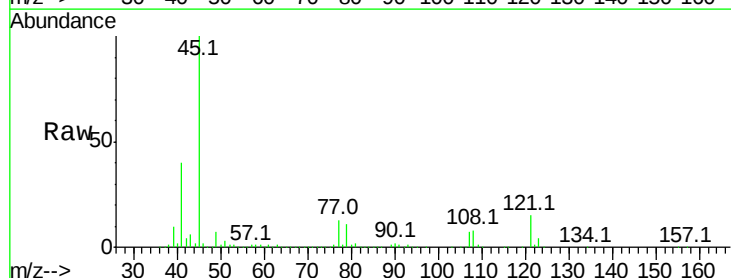
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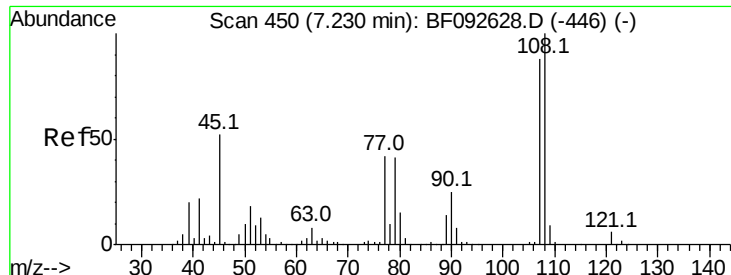
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#16
2,2'-oxybis(1-chloropropane)
Concen: 50.72 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion: 45 Resp: 1074516
Ion Ratio Lower Upper
45 100
77 13.4 0.0 34.6
79 11.0 0.0 31.2





#17

2-Methylphenol

Concen: 54.71 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:107 Resp: 525428

Ion Ratio Lower Upper

107 100

108 114.5 93.0 139.6

77 51.4 39.8 59.8

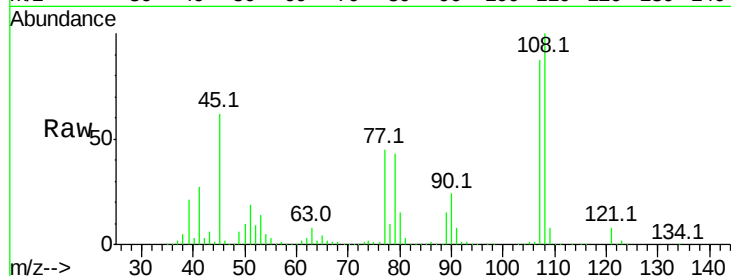
79 48.7 38.0 57.0

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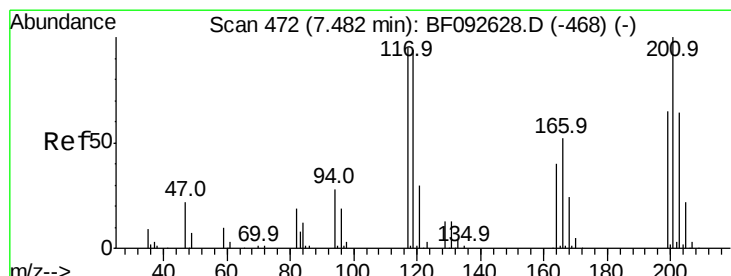
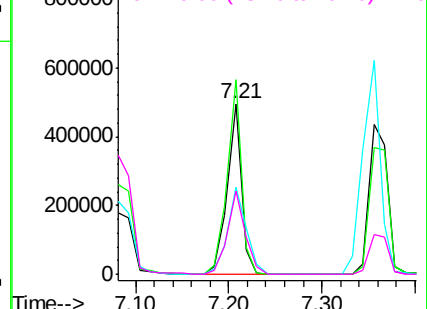
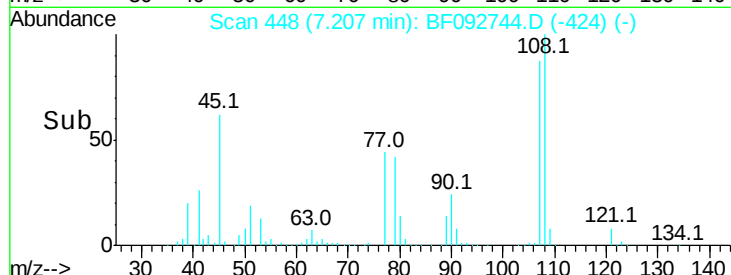


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 49.27 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

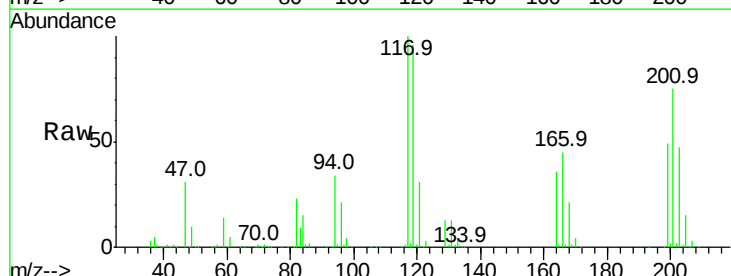
Tgt Ion:117 Resp: 223236

Ion Ratio Lower Upper

117 100

119 96.3 78.1 117.1

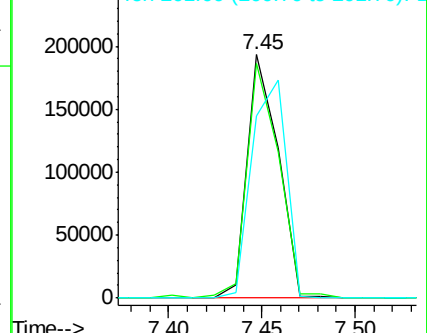
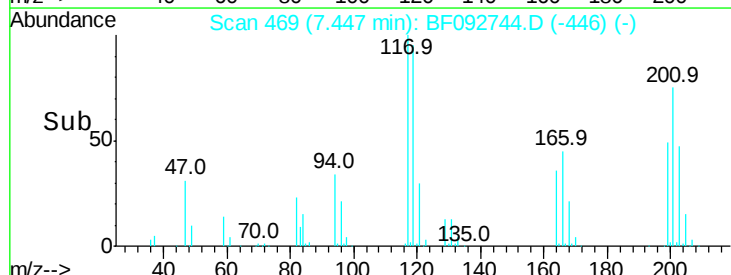
201 74.9 78.6 117.8#

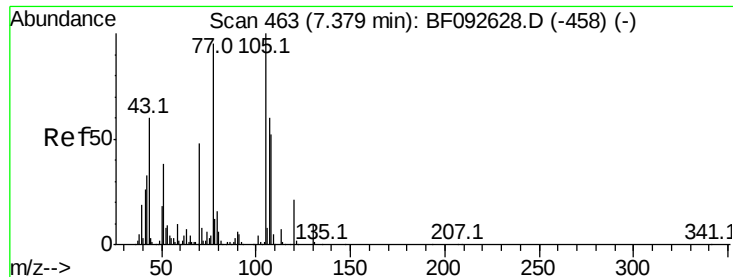


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





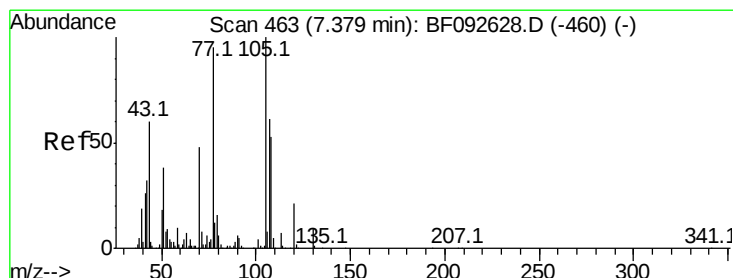
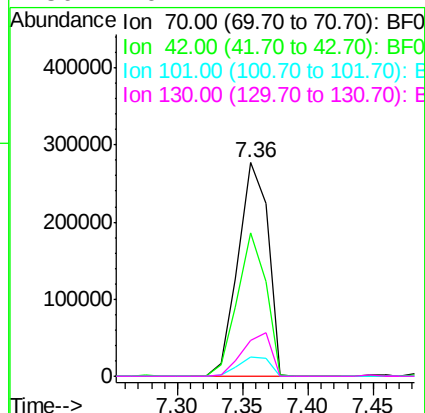
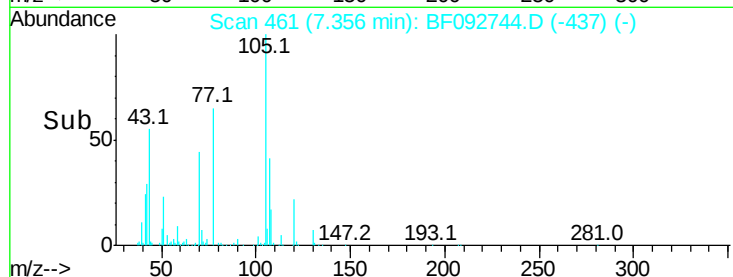
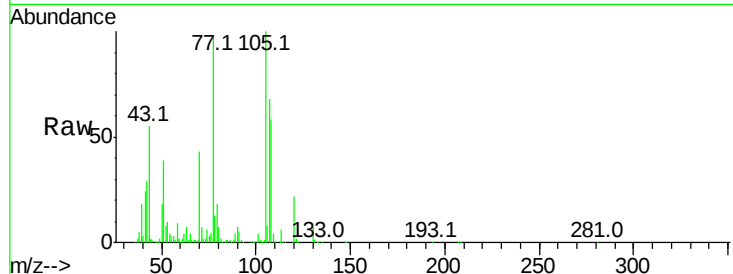
#19
n-Nitroso-di-n-propylamine
Concen: 53.57 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.4	49.4	74.0	
101	9.0	7.4	11.2	
130	16.7	14.2	21.4	

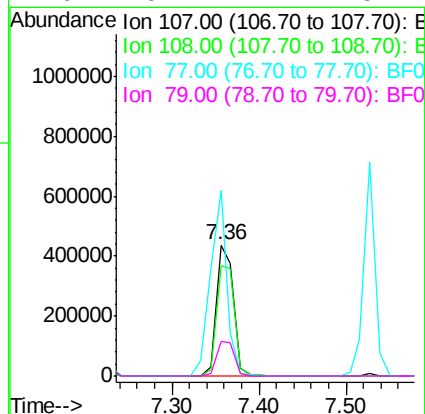
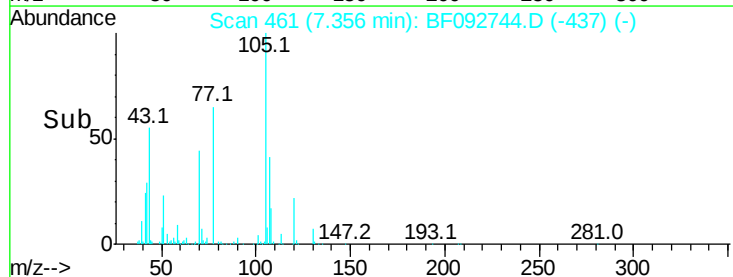
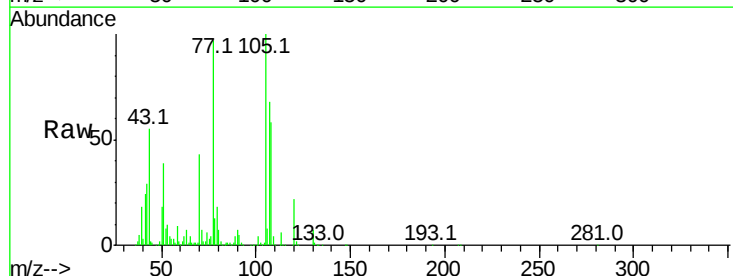
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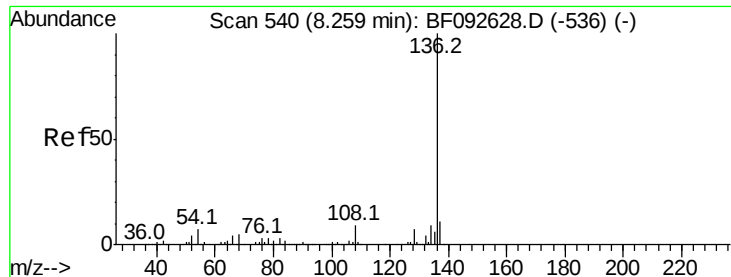
mohammad
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#20
3+4-Methylphenols
Concen: 52.28 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.5	73.0	113.0	
77	142.0	71.3	111.3#	
79	26.2	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

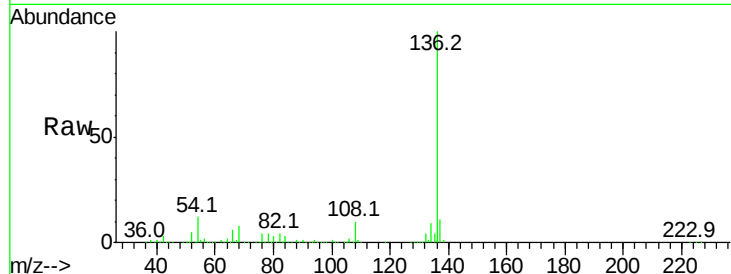
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	588214		
137	11.1	8.4	12.6	
54	12.1	4.5	6.7#	
68	7.5	3.6	5.4#	

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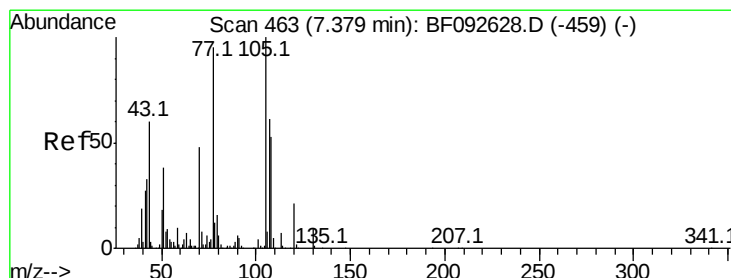
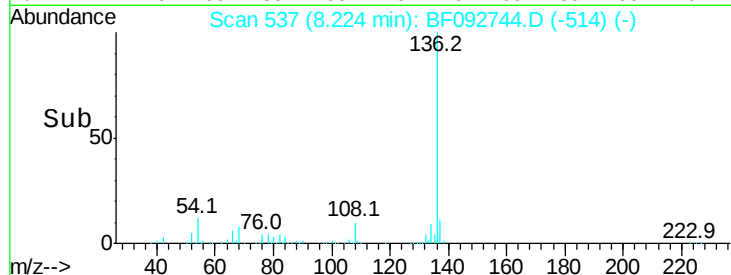
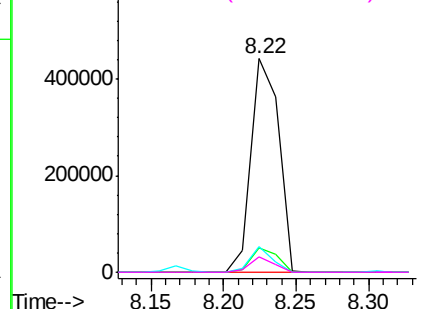


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 60.90 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

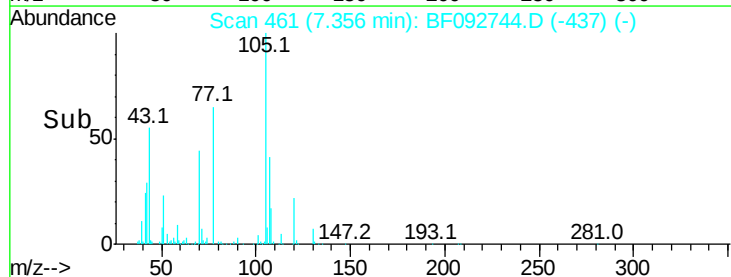
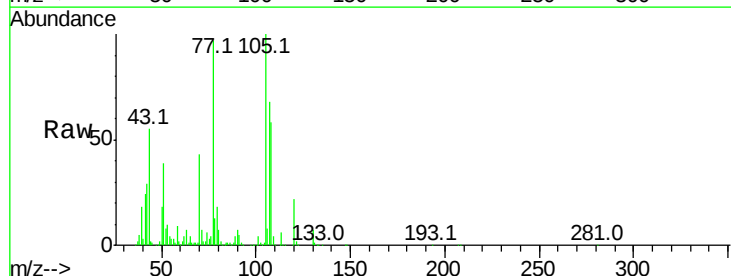
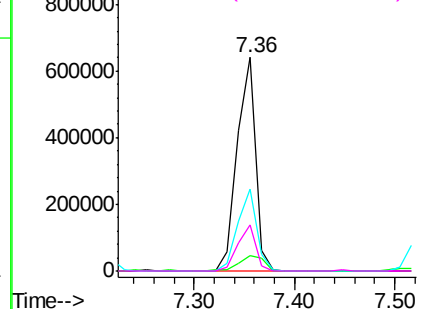
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	817909		
71	7.1	3.2	4.8#	
51	38.5	26.2	39.4	
120	21.5	16.6	24.8	

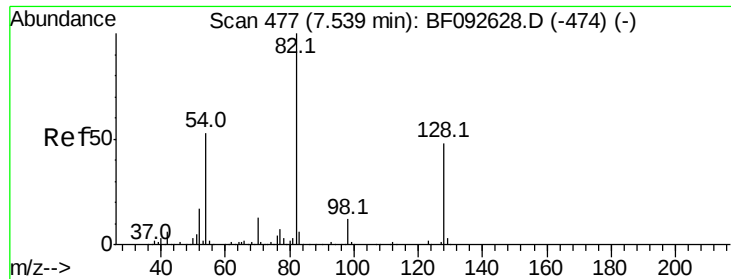
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





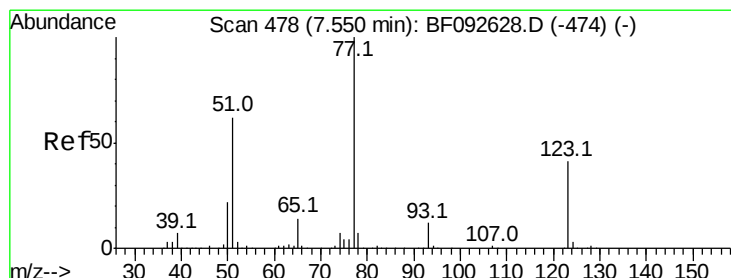
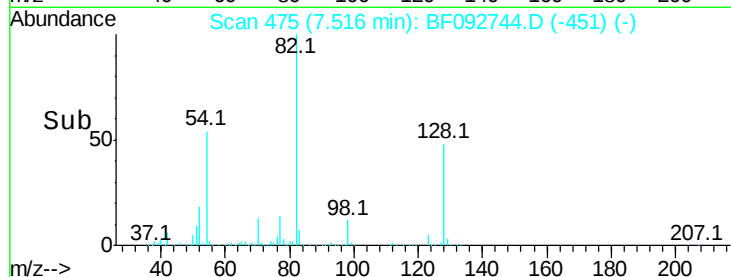
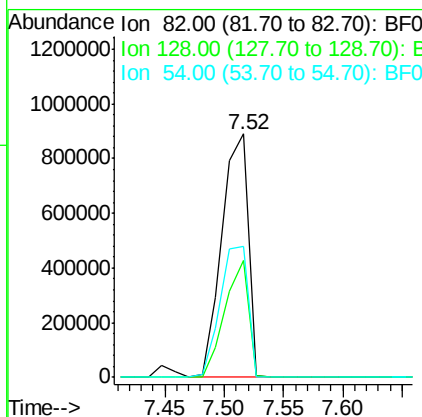
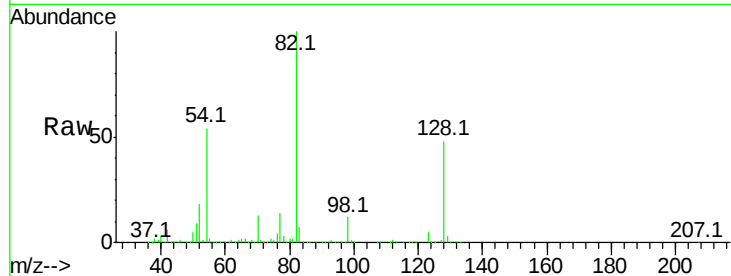
#23
 Nitrobenzene-d5
 Concen: 129.91 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.6	52.0
54	53.8	39.5	59.3

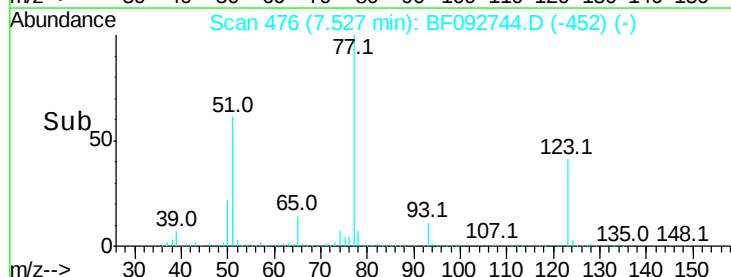
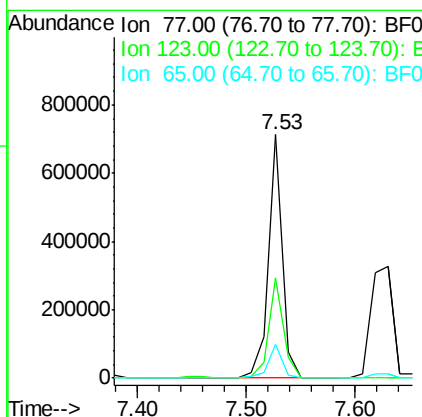
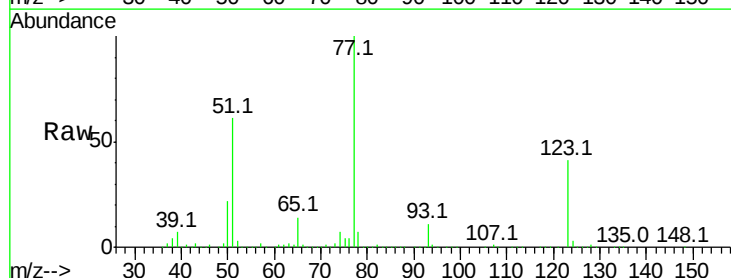
Manual Integrations
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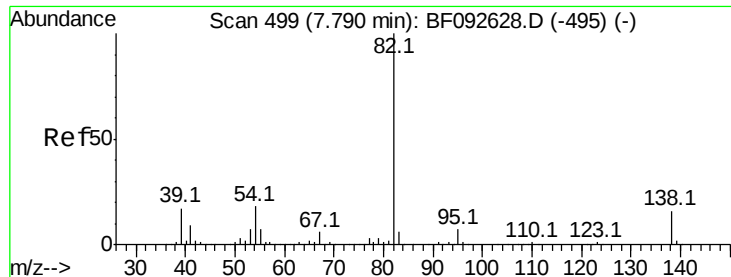
mohammad
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#24
 Nitrobenzene
 Concen: 58.84 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 64.08 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion: 82 Resp: 1261309

Ion Ratio Lower Upper

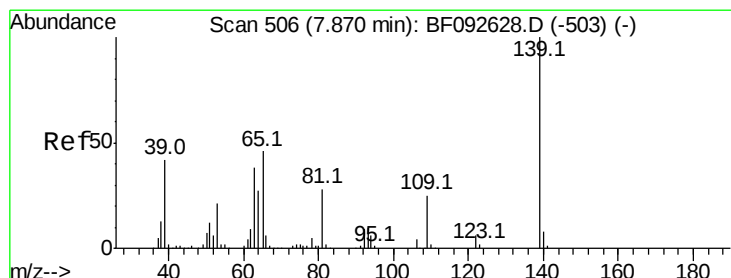
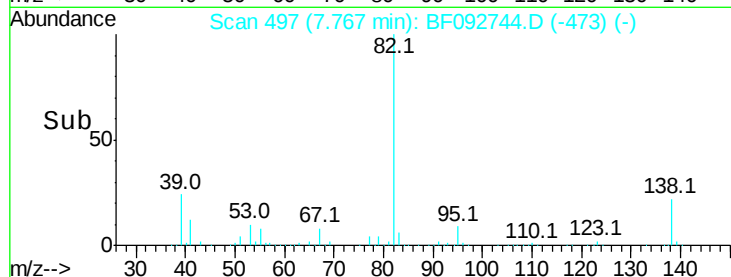
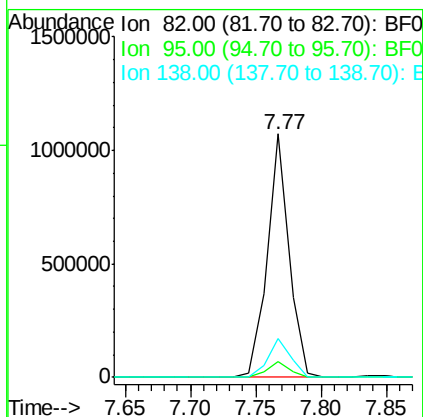
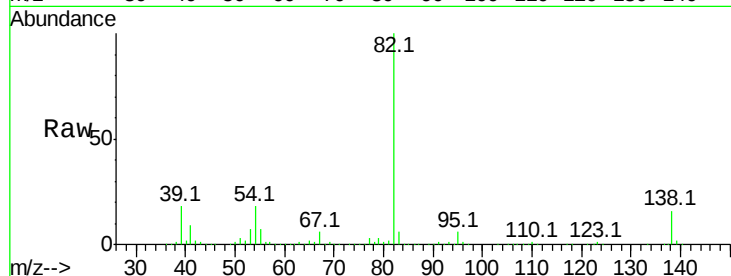
82 100

95 6.4 5.6 8.4

138 16.1 14.6 22.0

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#26

2-Nitrophenol

Concen: 69.17 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

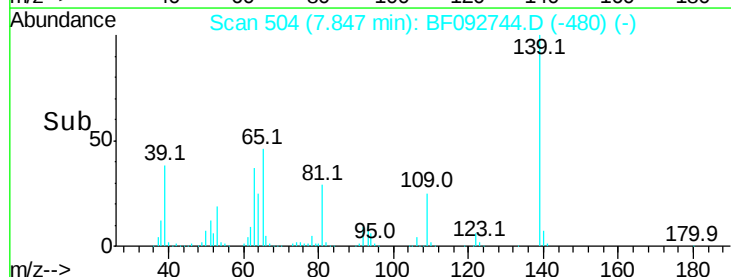
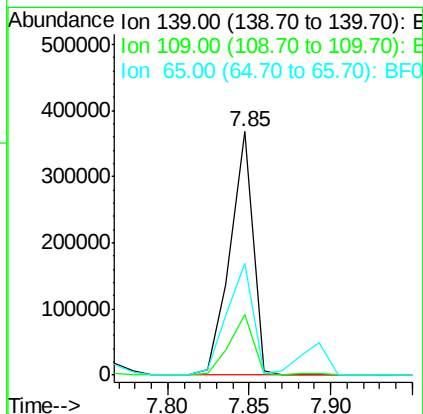
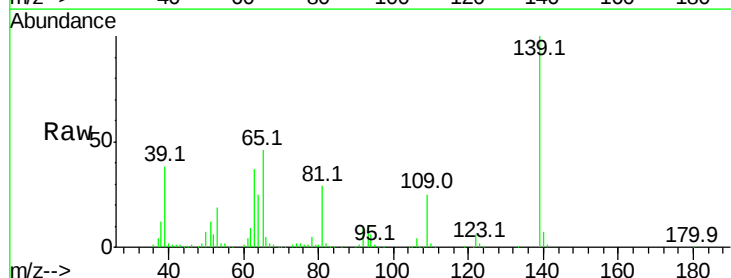
Tgt Ion: 139 Resp: 356630

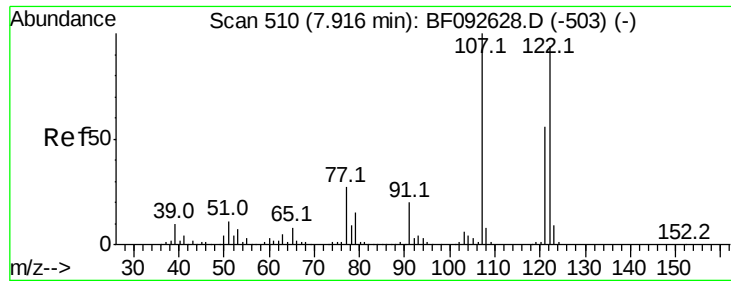
Ion Ratio Lower Upper

139 100

109 24.9 23.3 34.9

65 45.9 42.7 64.1





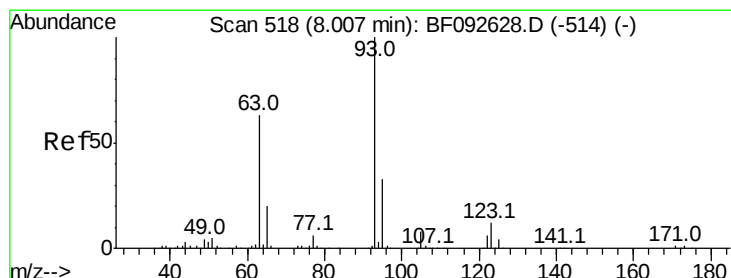
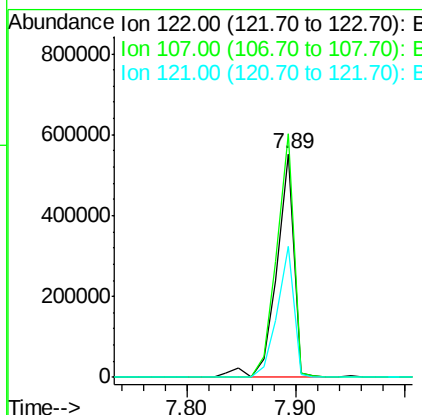
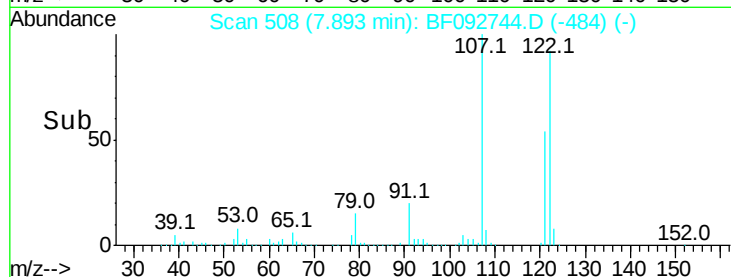
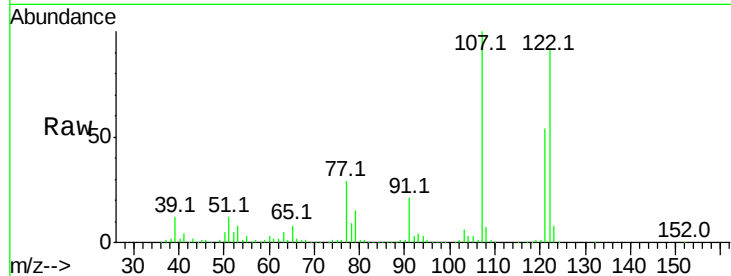
#27
2,4-Dimethylphenol
Concen: 67.30 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	609400		
107	109.0	94.1	141.1	
121	58.9	46.0	69.0	

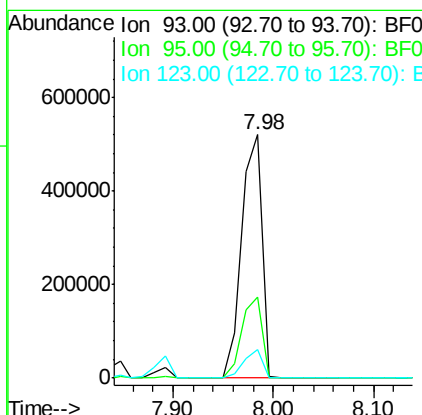
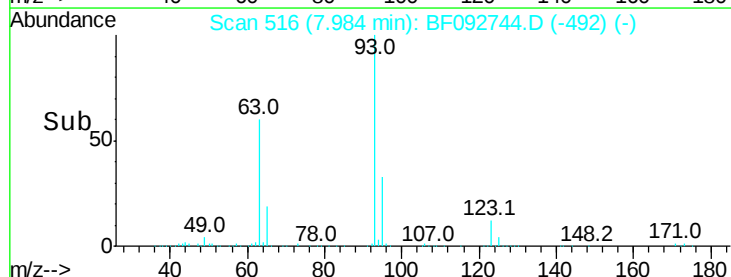
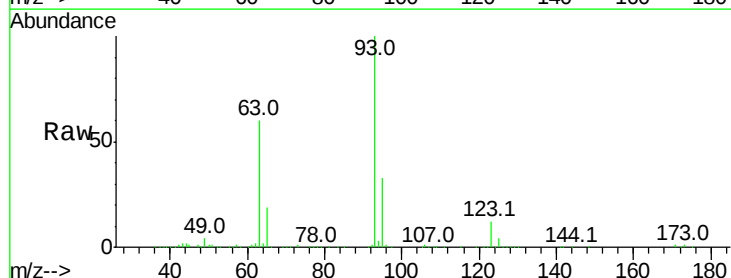
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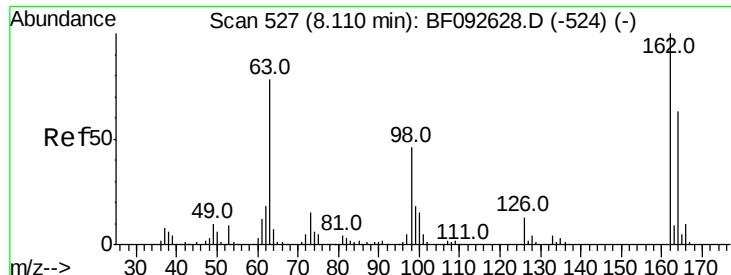
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 56.14 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	731893		
95	33.4	26.5	39.7	
123	11.7	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 52.87 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

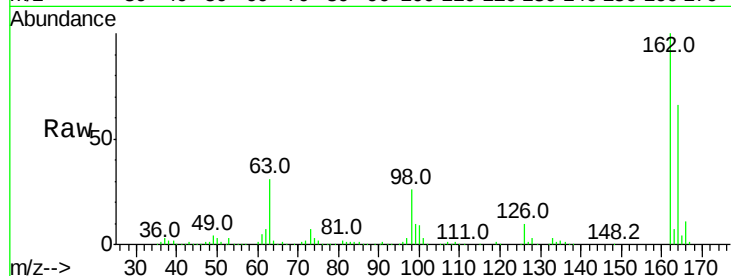
ClientSampleId :

SP-COMP-1A-0-2FTMSD

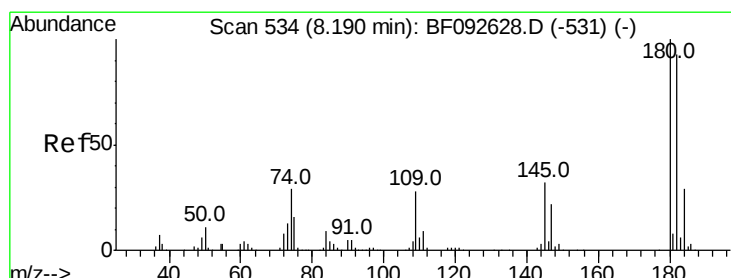
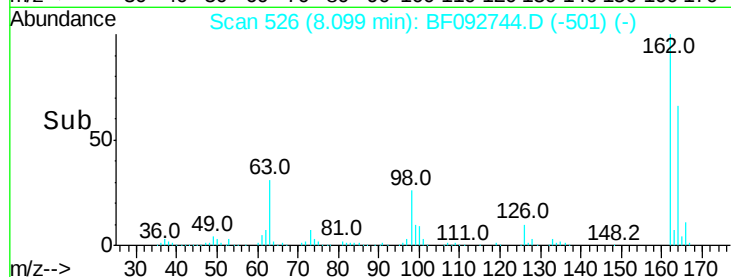
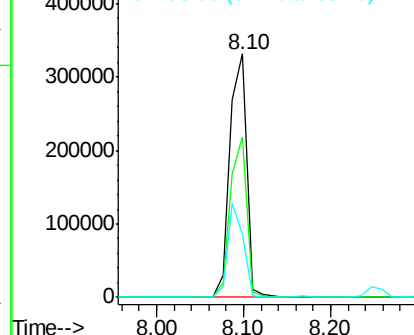
Tot Ion:	162	Resp:	446480
Ion Ratio	Lower	Upper	
162	100		
164	66.1	46.8	86.8
98	26.2	9.1	49.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 49.96 ng

RT: 8.17 min Scan# 532

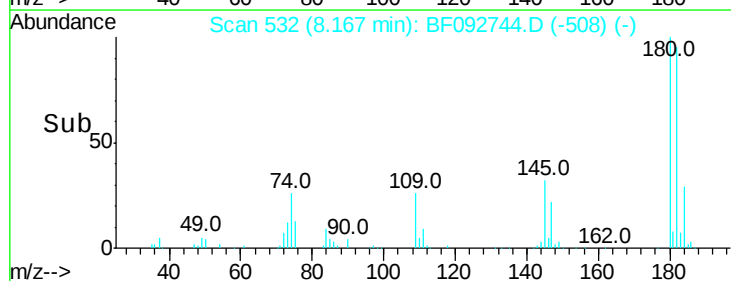
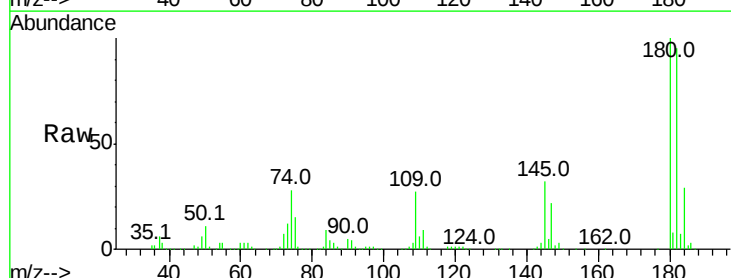
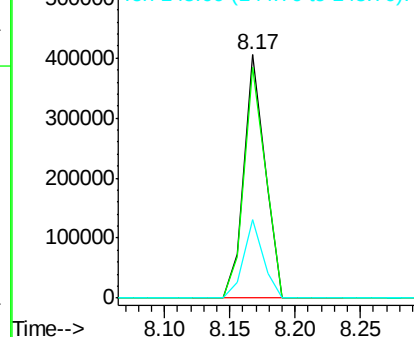
Delta R.T. -0.02 min

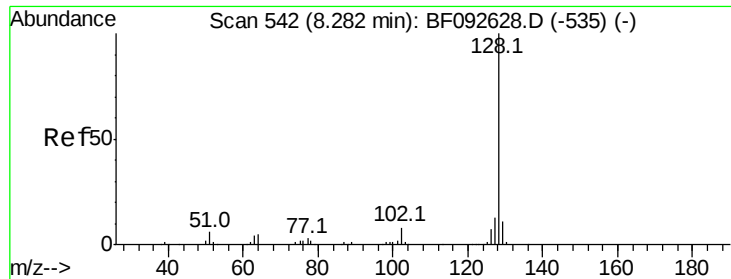
Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	180	Resp:	454692
Ion Ratio	Lower	Upper	
180	100		
182	95.0	78.2	117.4
145	32.3	21.6	32.4

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





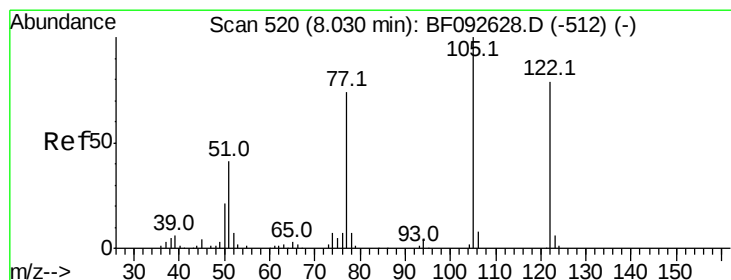
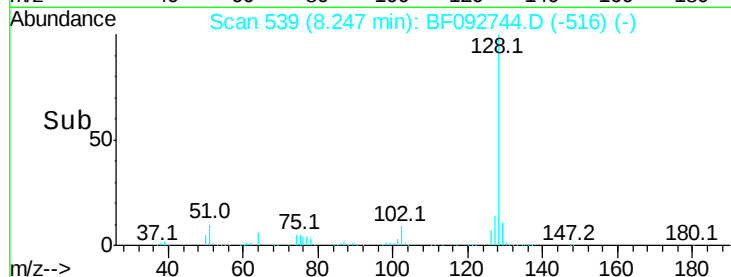
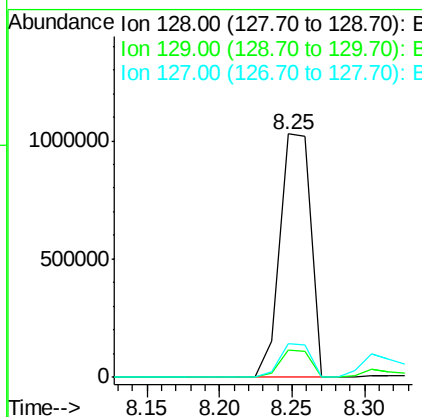
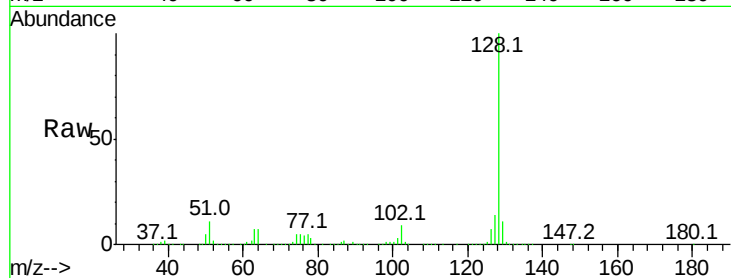
#31
Naphthalene
Concen: 50.78 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion:128 Resp: 1514037
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.6 10.8 16.2

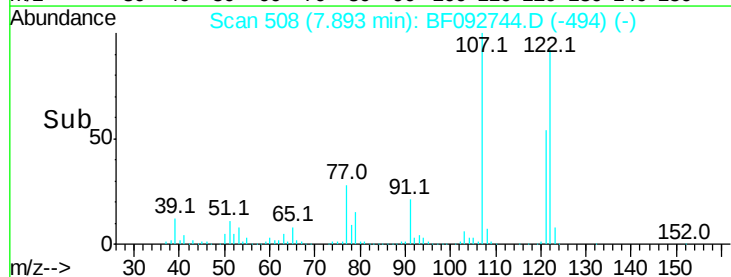
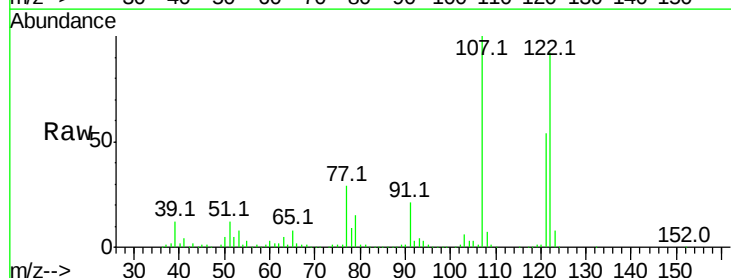
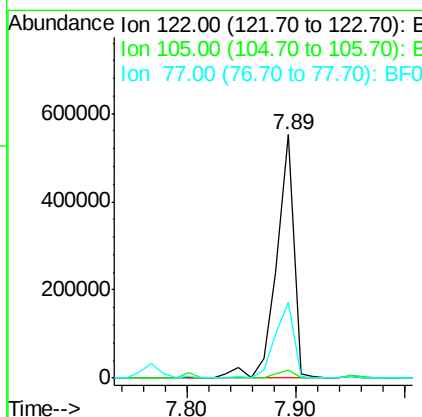
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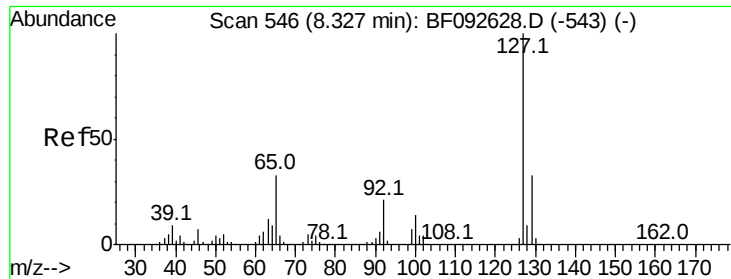
mohammad
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#32
Benzoic acid
Concen: 108.22 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.14 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion:122 Resp: 609400
Ion Ratio Lower Upper
122 100
105 3.5 107.2 147.2#
77 31.1 74.5 114.5#





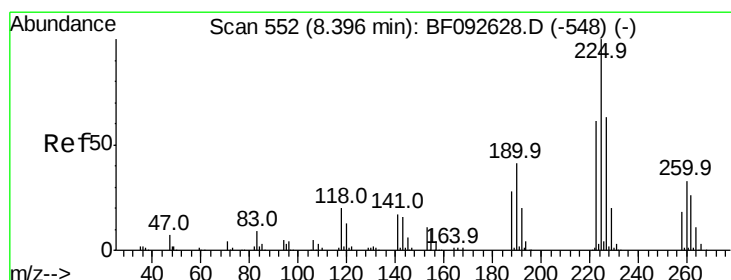
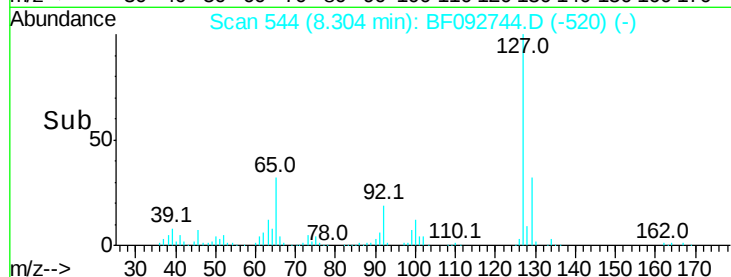
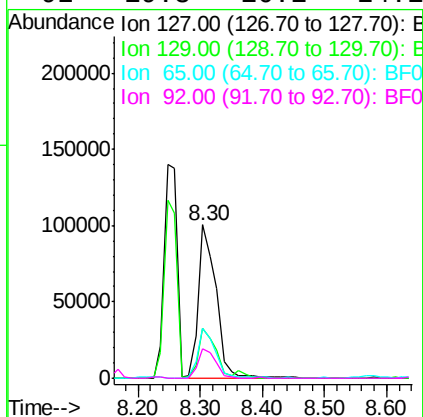
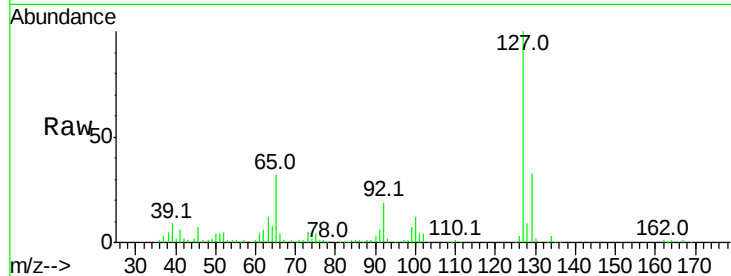
#33
 4-Chloroaniline
 Concen: 17.09 ng
 RT: 8.30 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	199796		
129	32.7		26.3	39.5
65	32.4		25.8	38.8
92	19.3		16.1	24.1

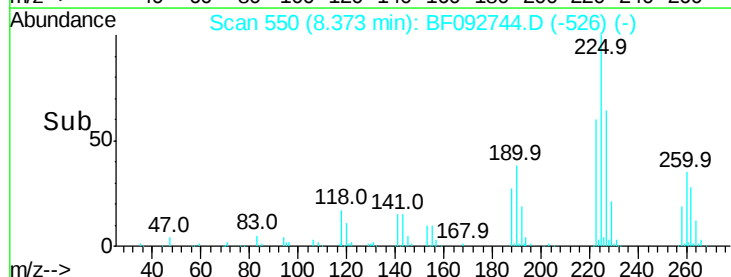
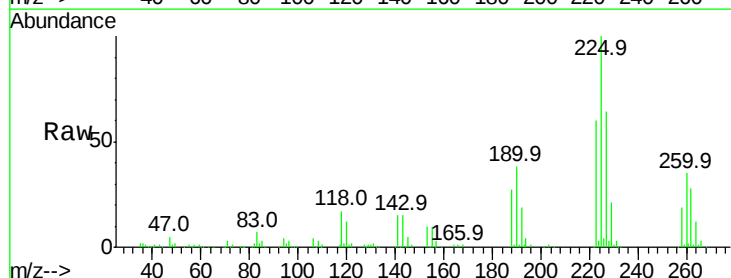
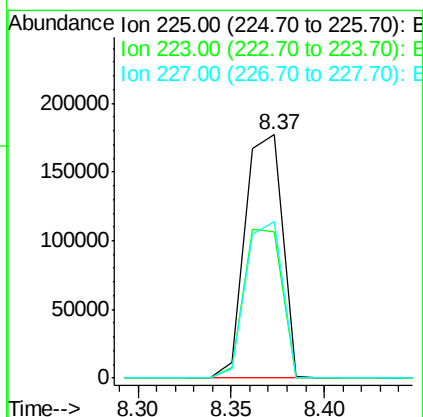
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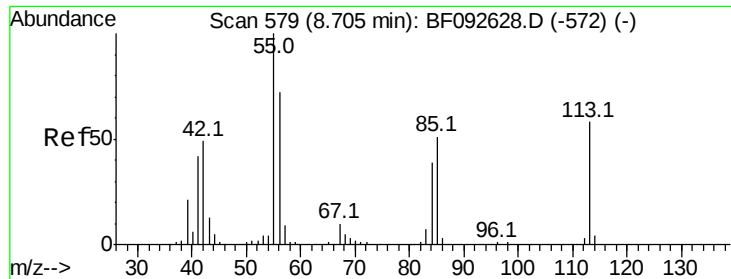
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#34
 Hexachlorobutadiene
 Concen: 48.84 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.02 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	244537		
223	60.0		51.0	76.6
227	64.1		50.6	76.0





#35

Caprolactam

Concen: 52.54 ng/mL

RT: 8.68 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

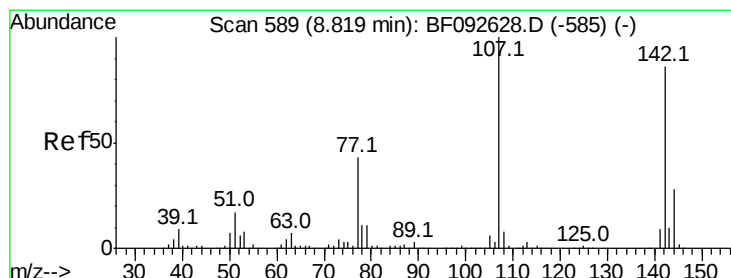
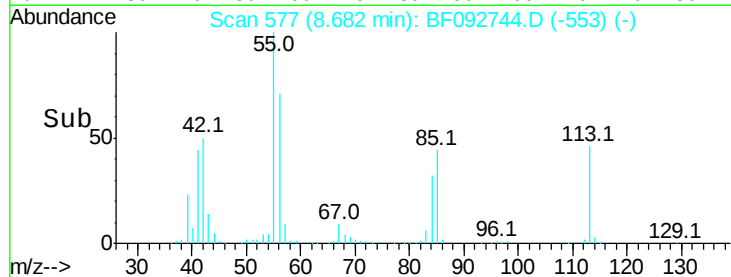
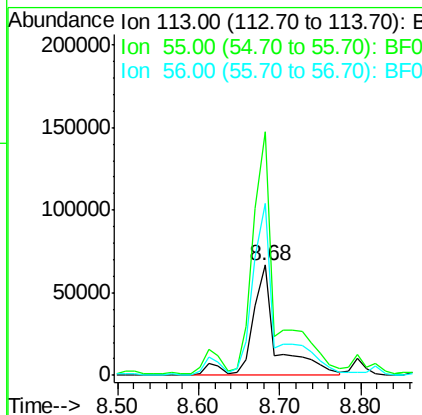
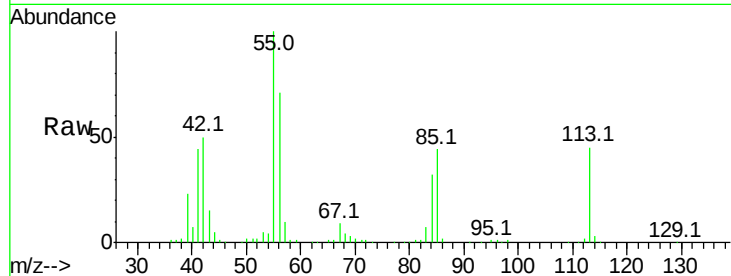
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	220.9	119.2	159.2#
56	155.8	83.8	123.8#

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#36

4-Chloro-3-methylphenol

Concen: 50.30 ng/mL

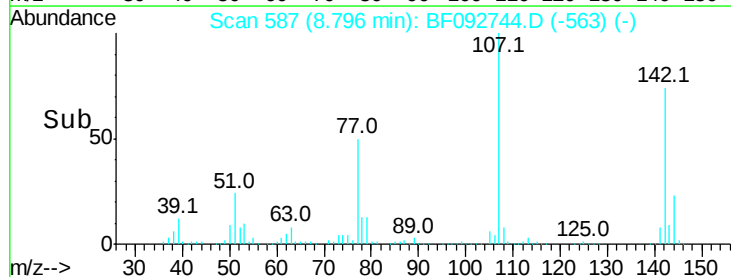
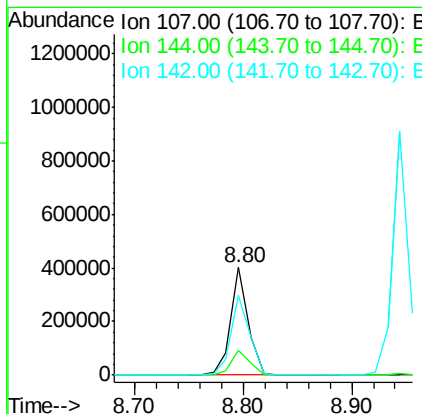
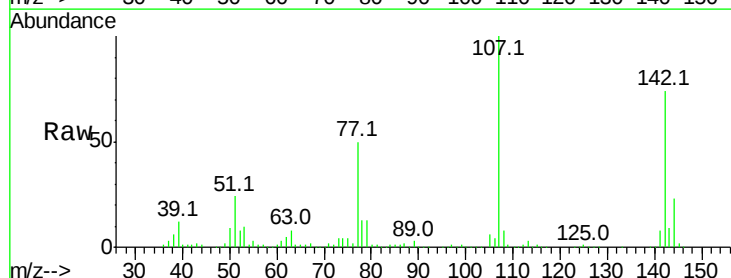
RT: 8.80 min Scan# 587

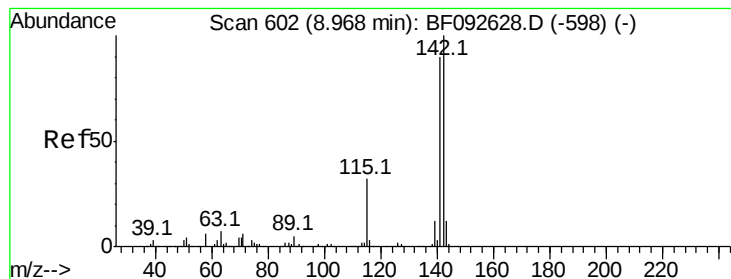
Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	19.3	28.9
142	74.4	59.0	88.6





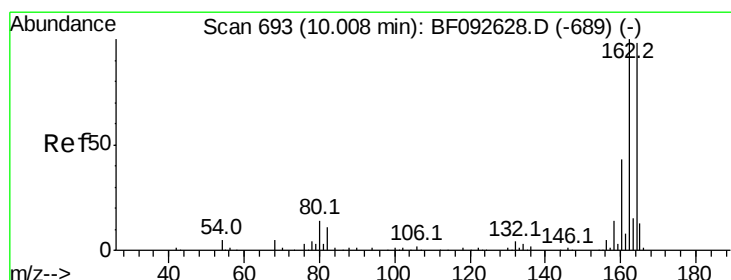
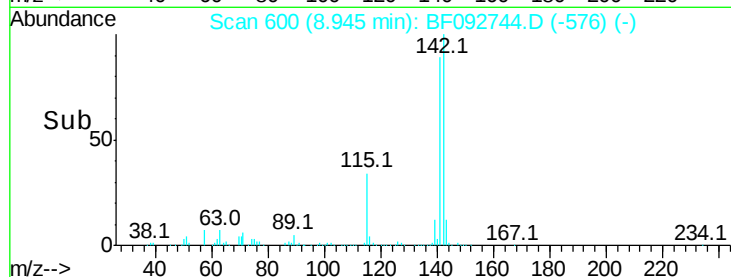
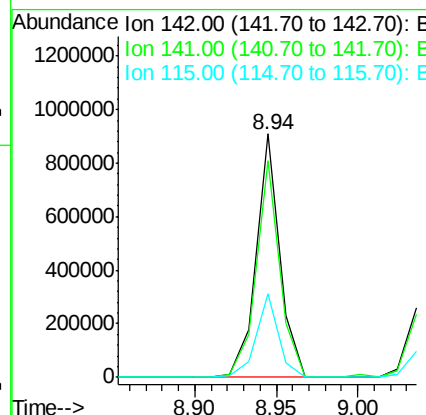
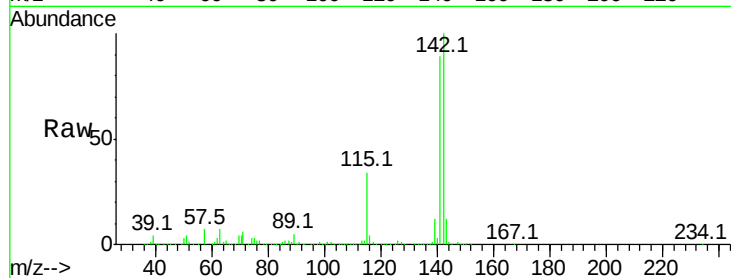
#37
2-Methylnaphthalene
Concen: 47.81 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	34.1	28.3	42.5

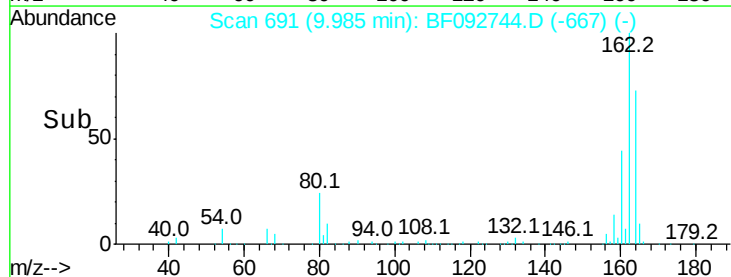
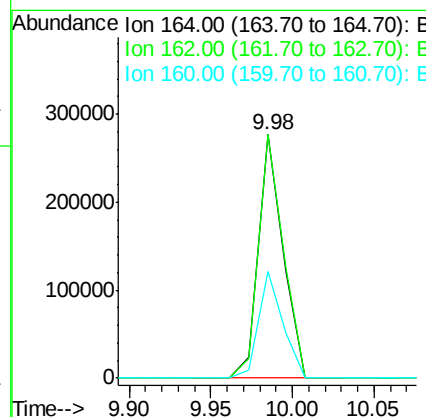
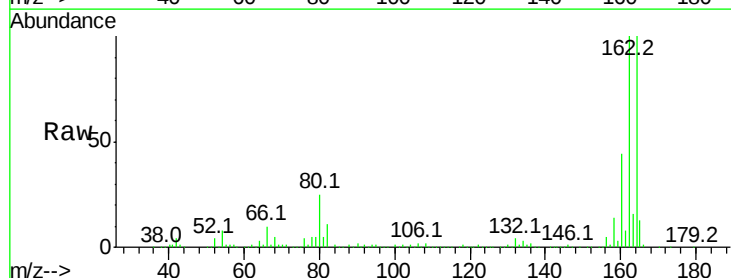
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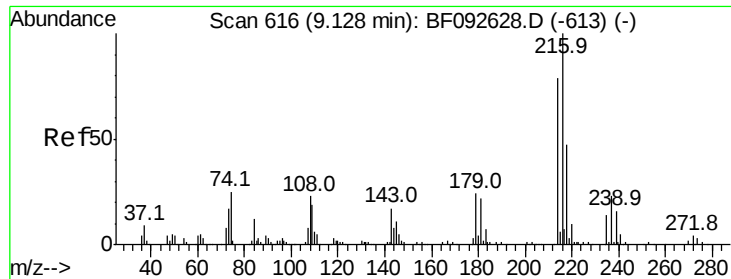
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	43.7	36.9	55.3





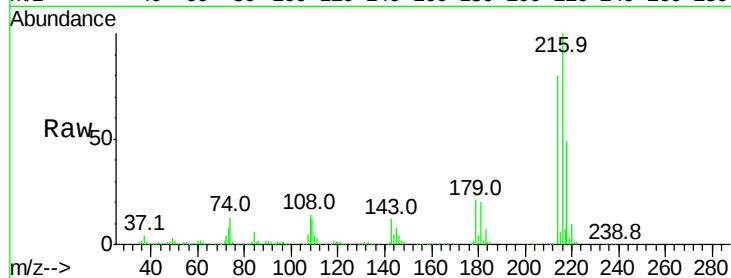
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 54.55 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMSD

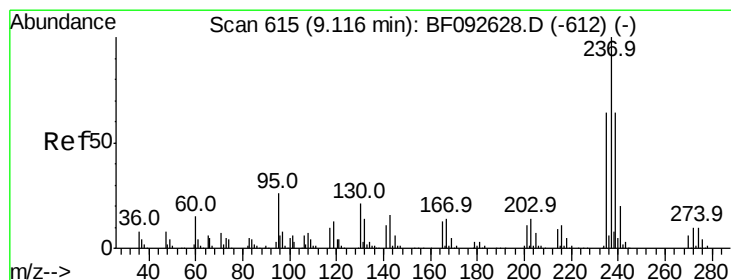
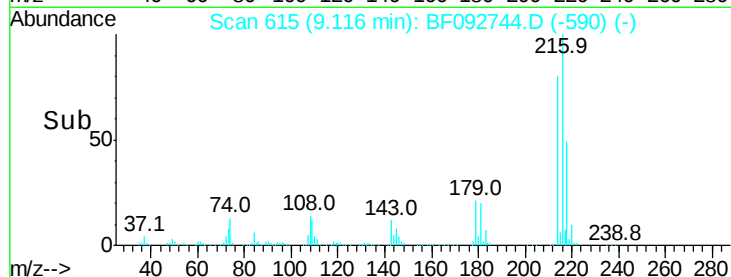
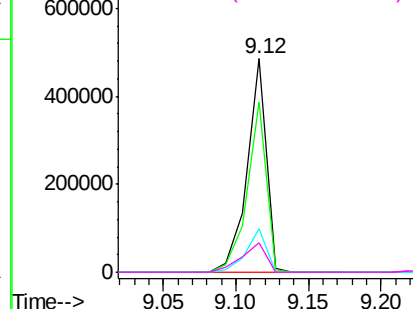
Tot Ion:	216	Resp:	445720
Ion Ratio		Lower	Upper
216	100		
214	79.6	63.4	95.0
179	21.3	17.4	26.2
108	18.2	15.6	23.4

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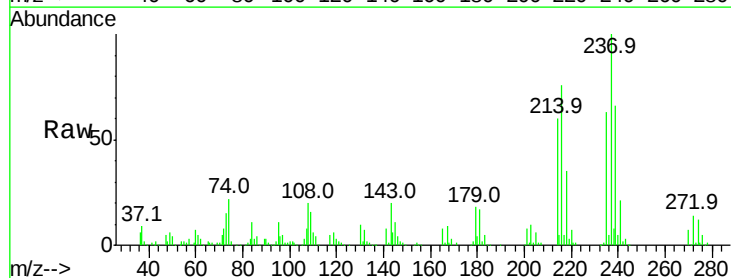


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

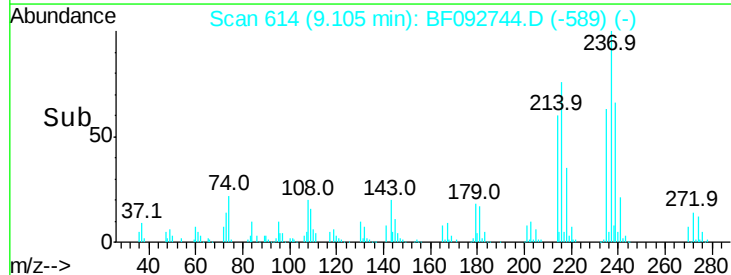
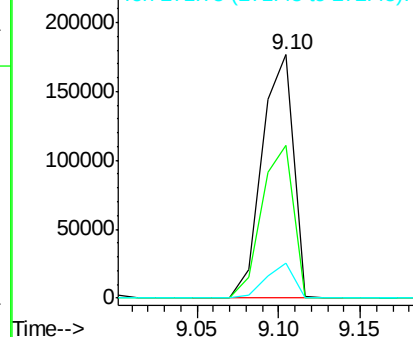


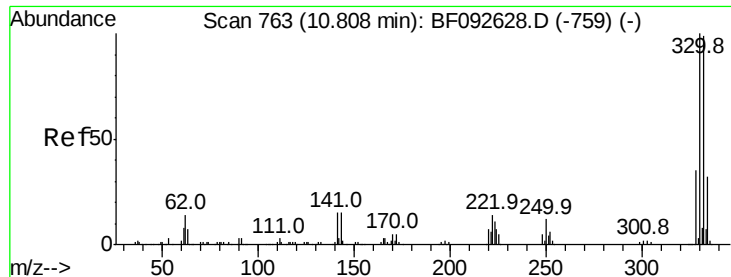
#40
 Hexachlorocyclopentadiene
 Concen: 63.87 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Tgt Ion:	237	Resp:	235451
Ion Ratio		Lower	Upper
237	100		
235	62.7	41.2	81.2
272	14.2	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





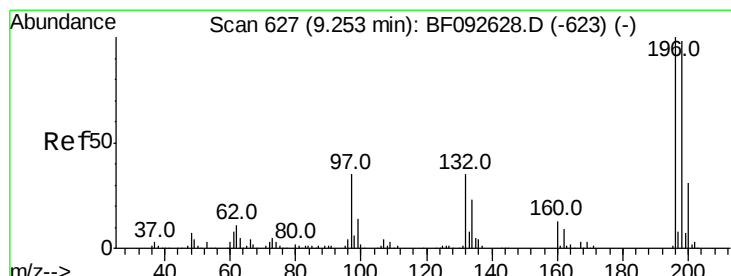
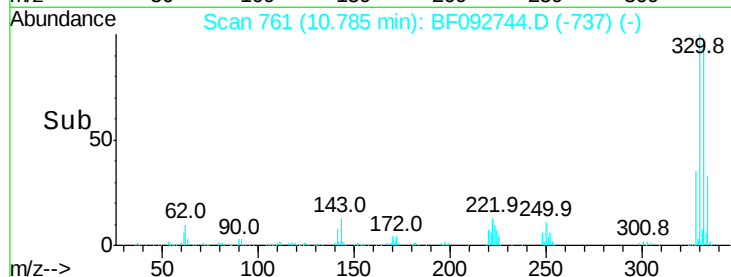
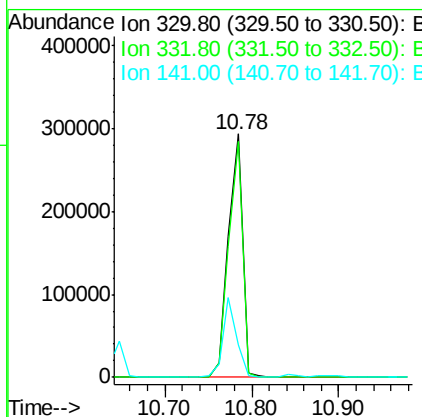
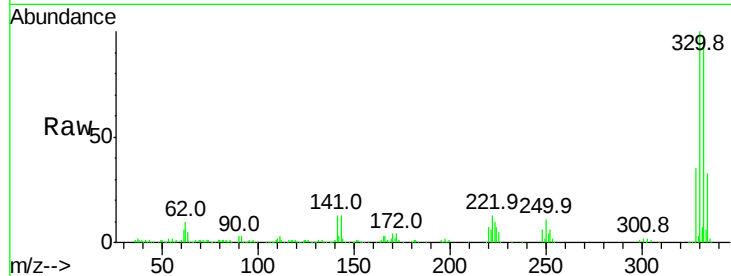
#41
 2,4,6-Tribromophenol
 Concen: 160.32 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.4	116.2	
141	30.9	34.1	51.1#	

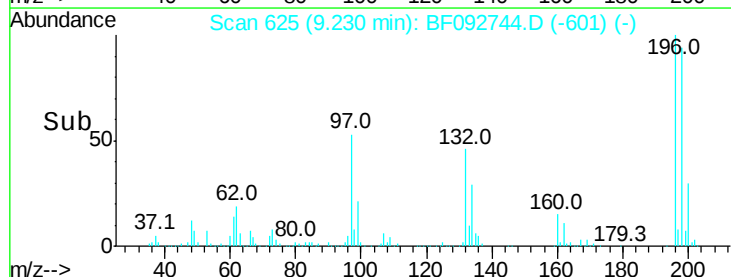
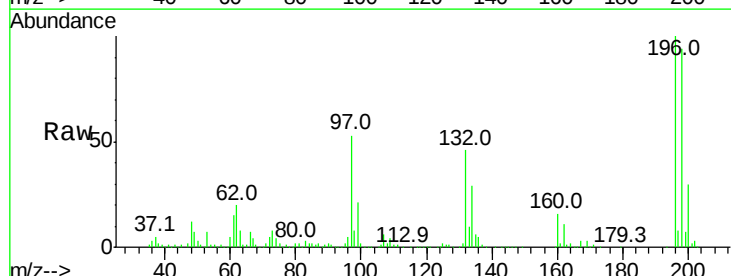
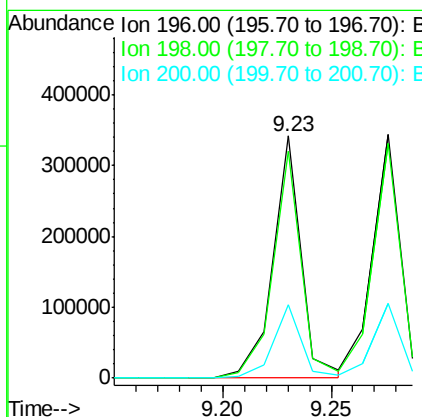
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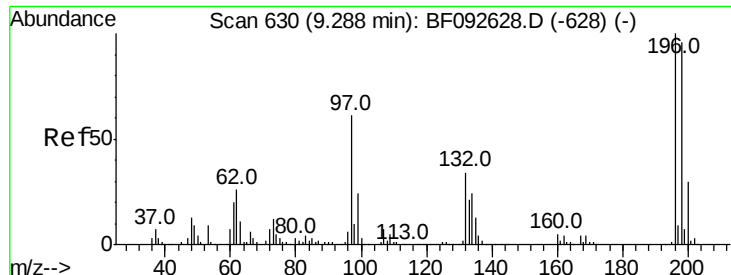
mohammad
 2/3/2017 1:22:56 PM



#42
 2,4,6-Trichlorophenol
 Concen: 58.33 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.6	82.1	123.1	
200	30.0	27.0	40.4	





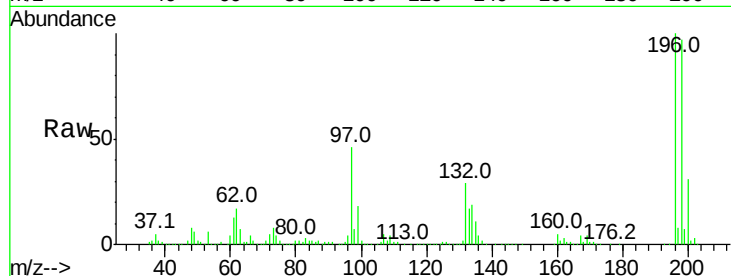
#43
 2,4,5-Trichlorophenol
 Concen: 52.38 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMSD

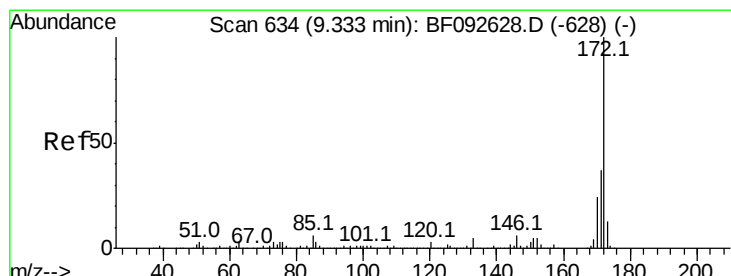
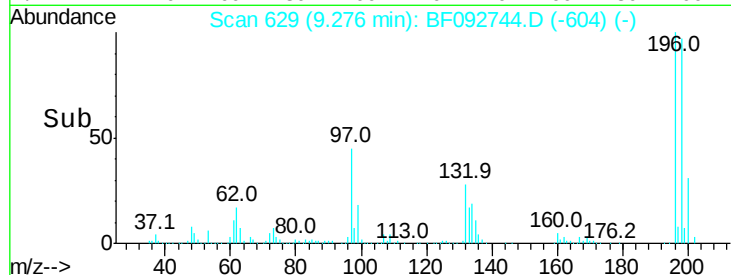
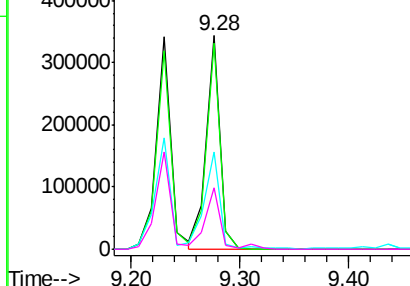
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		308099		
198	96.6	79.4	119.2		
97	45.5	51.5	77.3#		
132	28.6	27.4	41.2		

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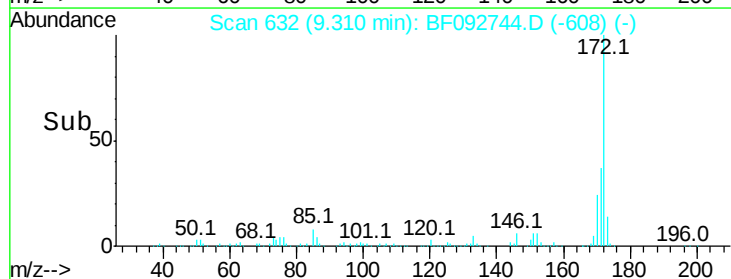
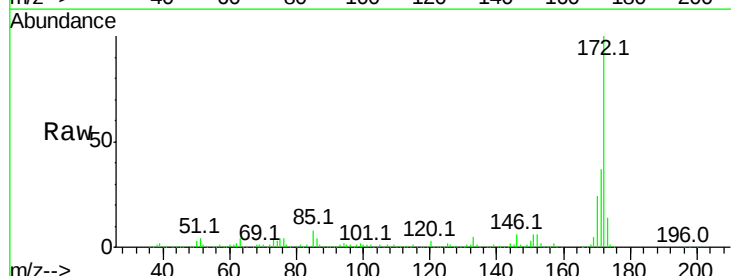
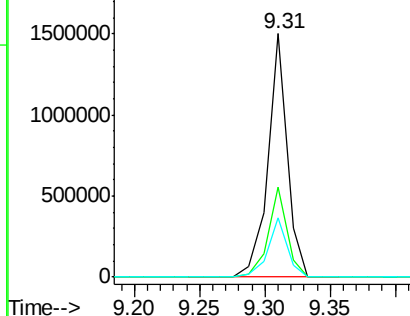
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

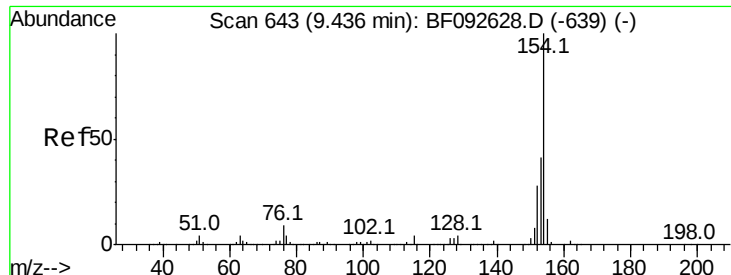


#44
 2-Fluorobiphenyl
 Concen: 96.96 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1557867		
171	37.0	29.4	44.0		
170	24.4	20.2	30.4		

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





#45

1,1'-Biphenyl

Concen: 54.80 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:154 Resp: 1155105

Ion Ratio Lower Upper

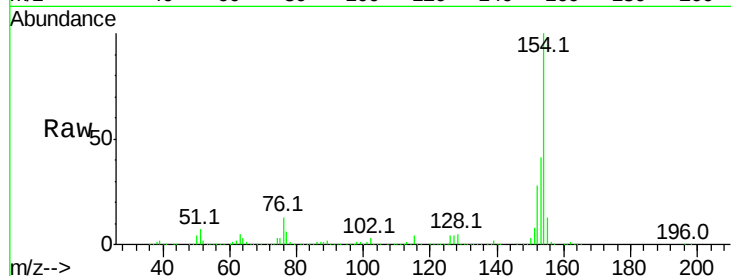
154 100

153 41.0 20.9 60.9

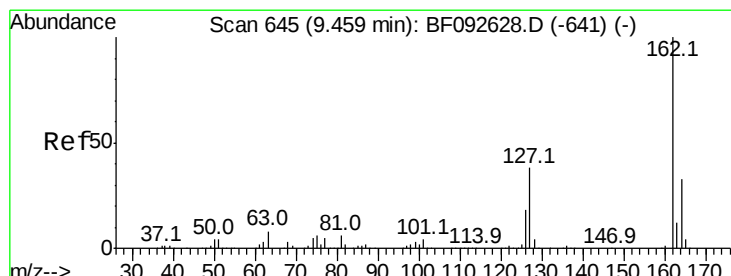
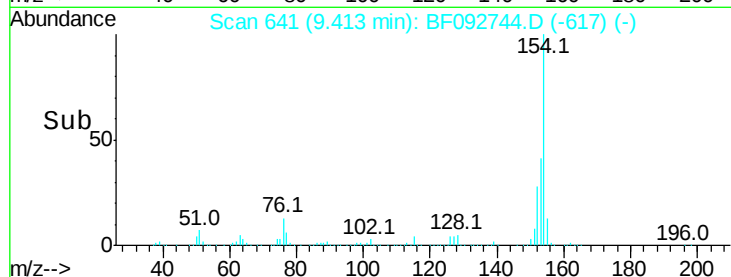
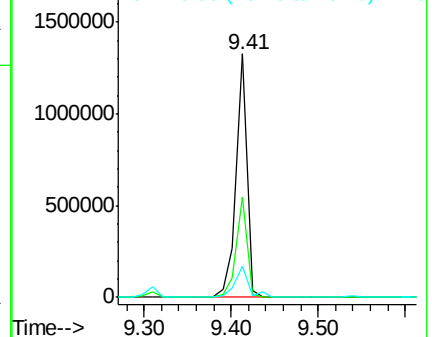
76 12.8 0.0 30.5

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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: 51.57 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

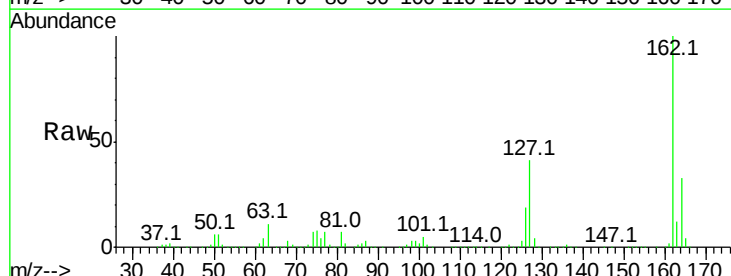
Tgt Ion:162 Resp: 850350

Ion Ratio Lower Upper

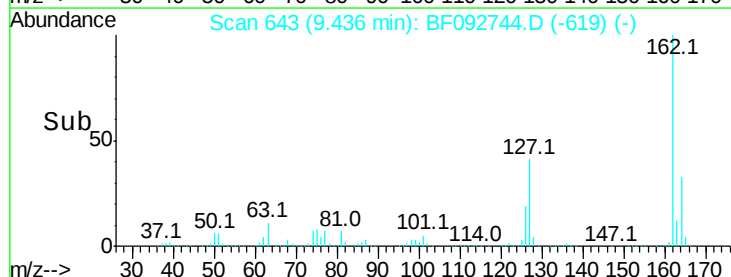
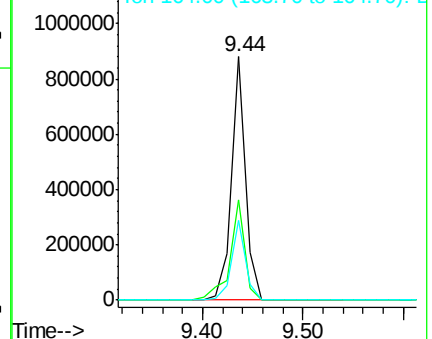
162 100

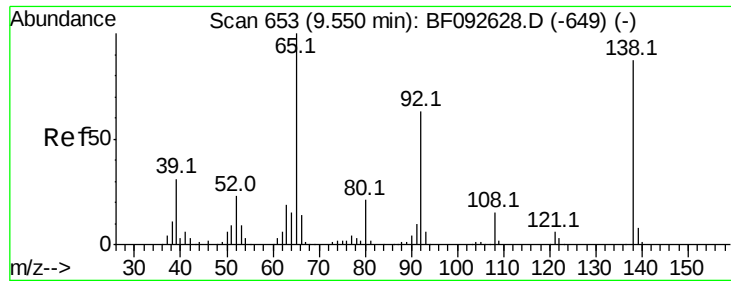
127 40.9 30.7 46.1

164 32.7 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





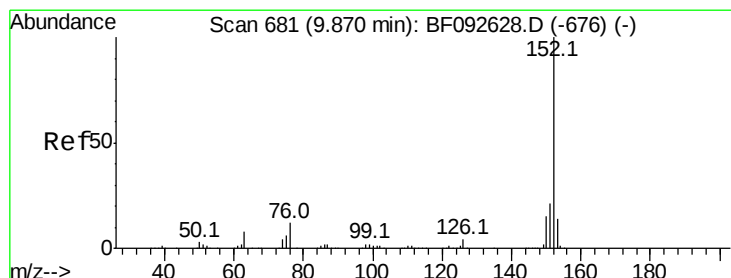
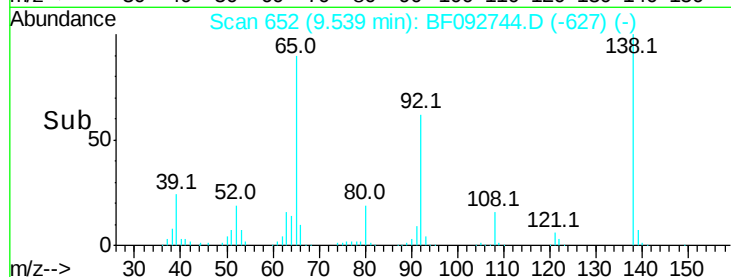
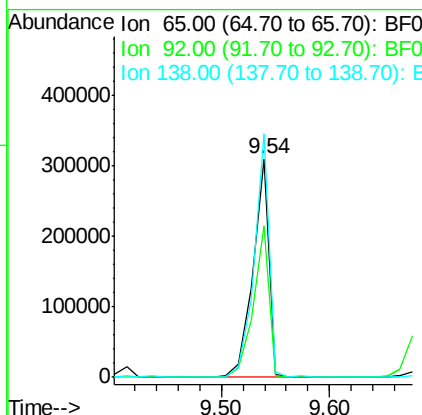
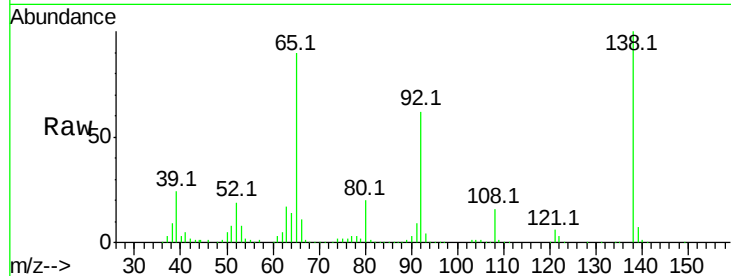
#47
2-Nitroaniline
Concen: 57.40 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.9	80.9
138	111.5	76.8	115.2

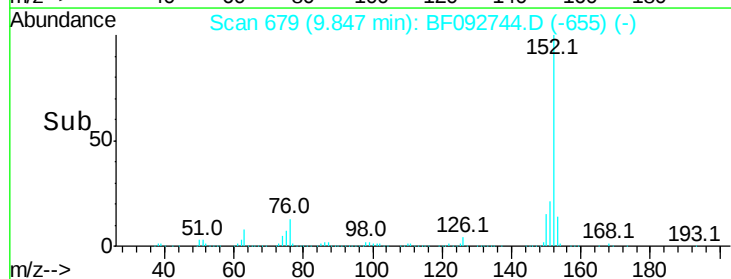
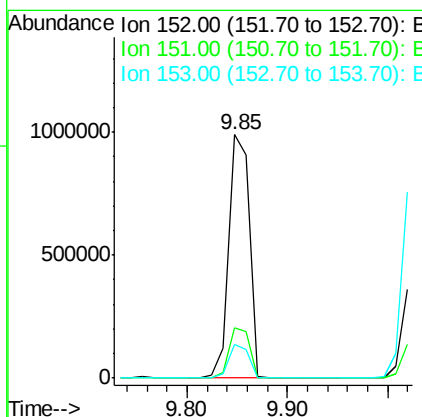
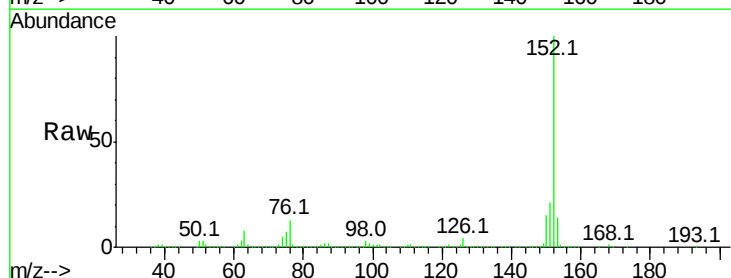
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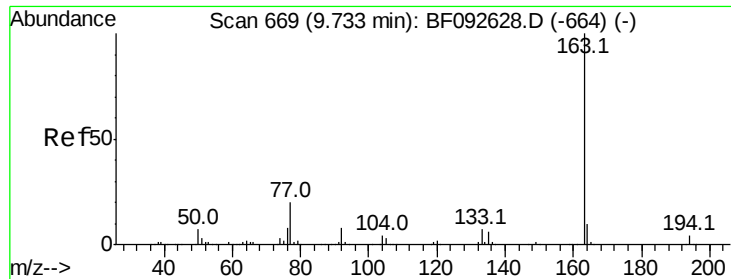
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#48
Acenaphthylene
Concen: 49.03 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.8	11.4	17.2





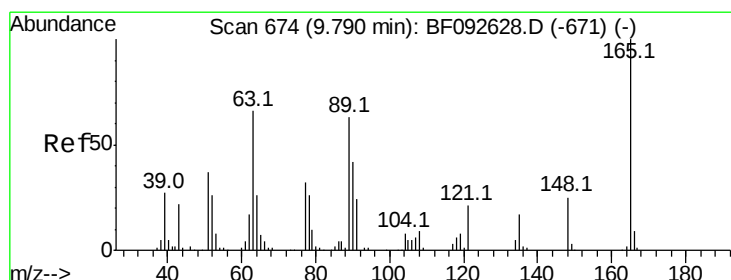
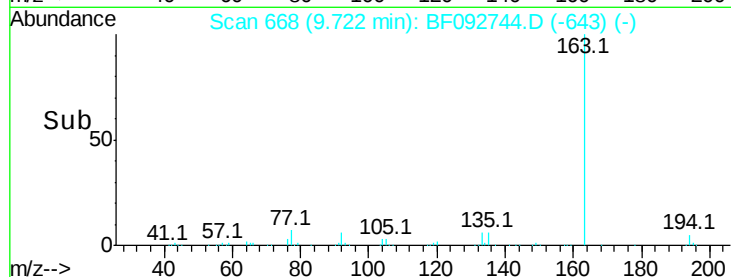
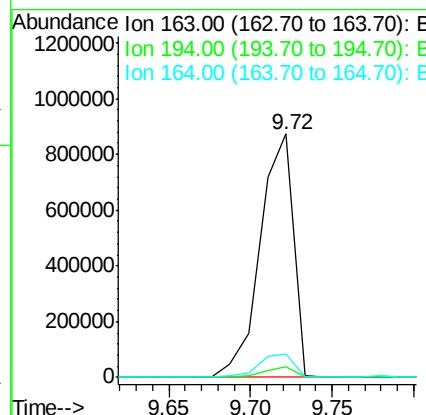
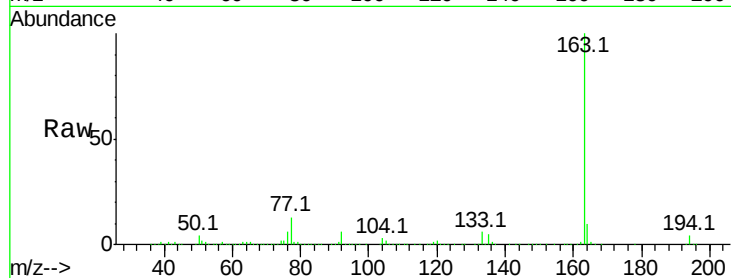
#49
Dimethylphthalate
Concen: 63.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion:163 Resp: 1235226
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.7 8.0 12.0

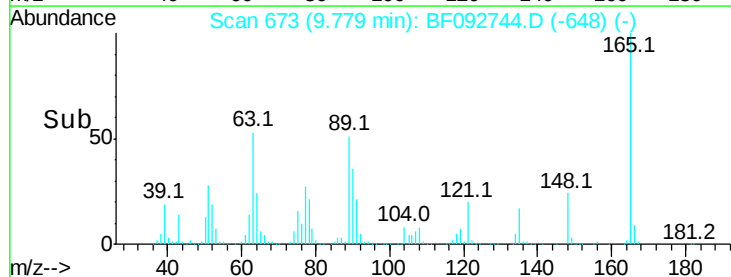
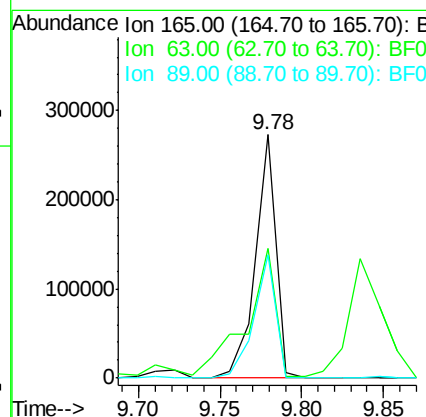
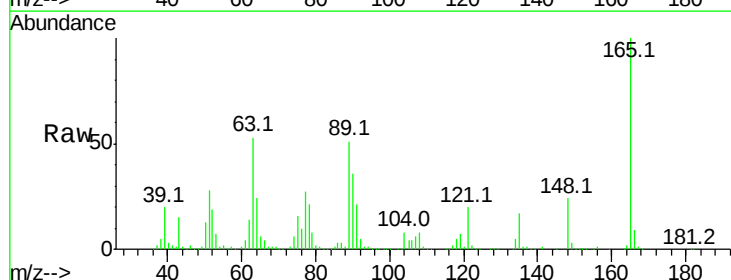
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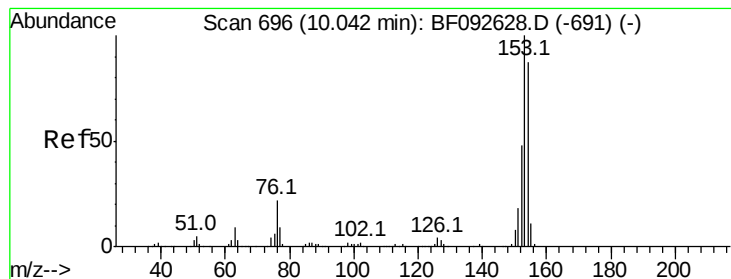
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#50
2,6-Dinitrotoluene
Concen: 56.62 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion:165 Resp: 239746
Ion Ratio Lower Upper
165 100
63 53.4 36.2 54.4
89 50.9 40.2 60.4





#51

Acenaphthene

Concen: 45.52 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

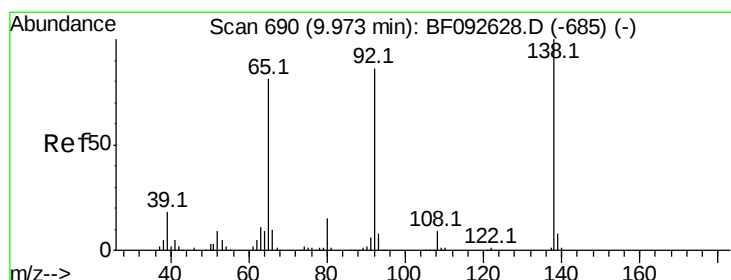
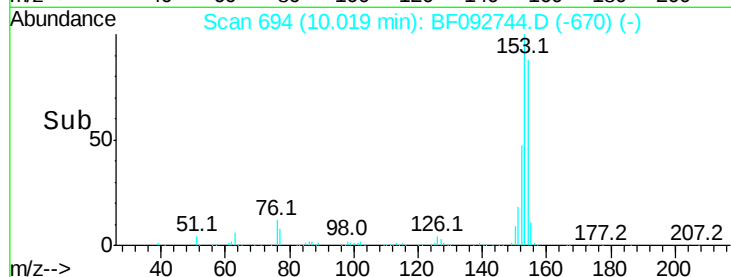
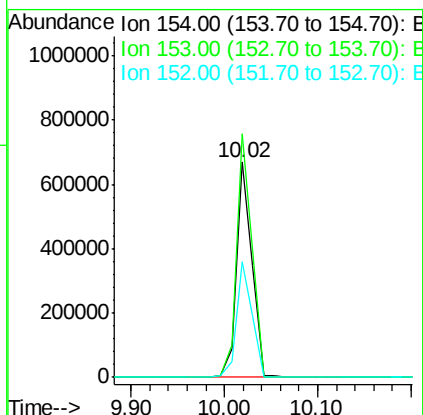
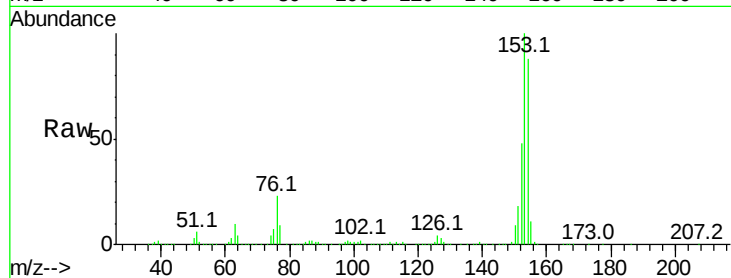
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	154	Resp:	775157
Ion Ratio	Lower	Upper	
154	100		
153	113.1	88.6	133.0
152	54.0	41.6	62.4

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#52

3-Nitroaniline

Concen: 34.32 ng

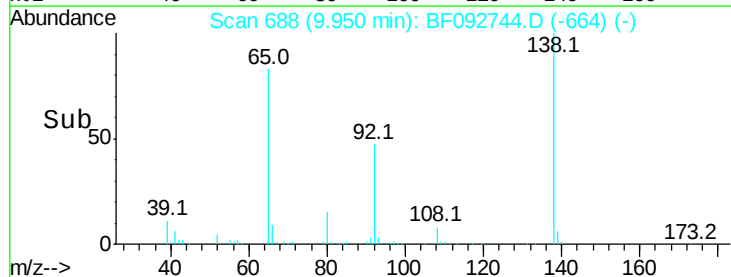
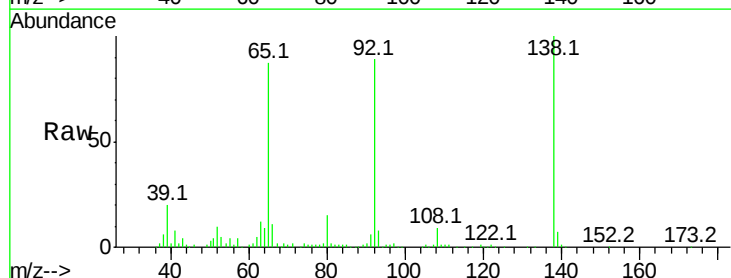
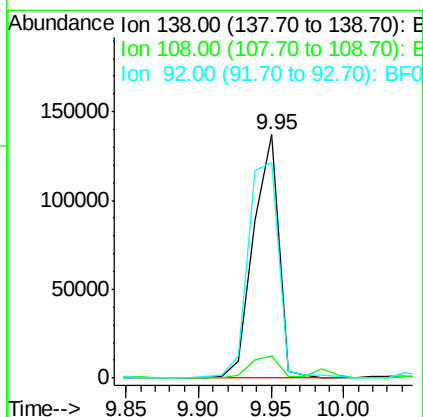
RT: 9.95 min Scan# 688

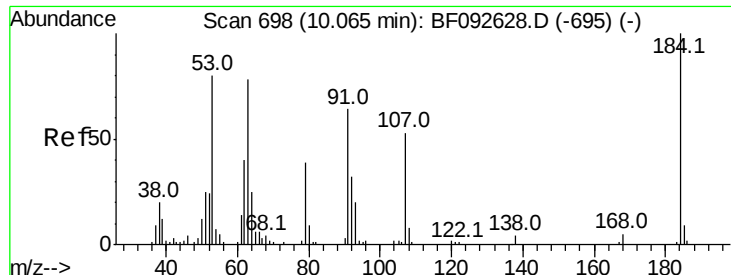
Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	138	Resp:	166307
Ion Ratio	Lower	Upper	
138	100		
108	9.0	8.5	12.7
92	88.7	97.8	146.8#





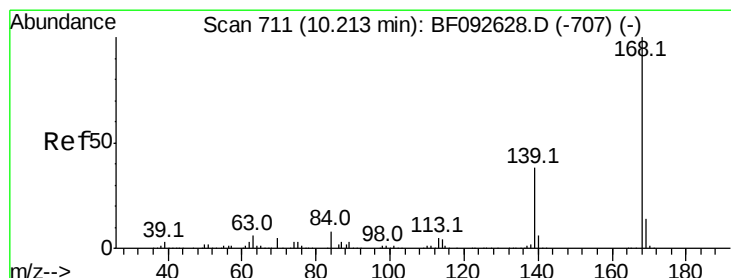
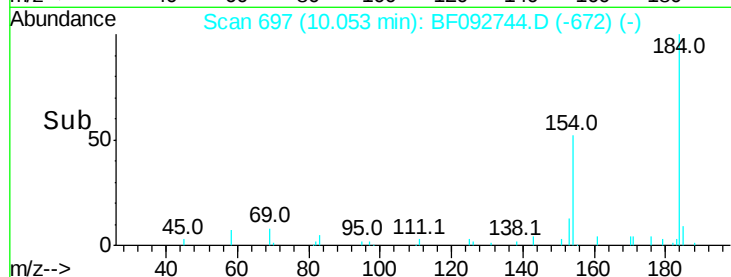
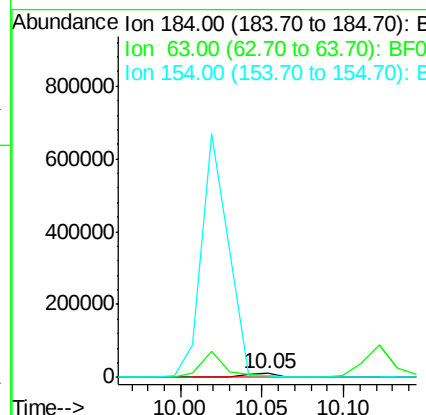
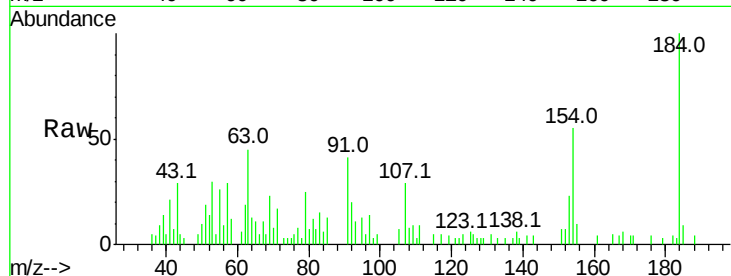
#53
 2,4-Dinitrophenol
 Concen: 10.68 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	44.5	28.4	42.6#
154	55.0	44.3	66.5

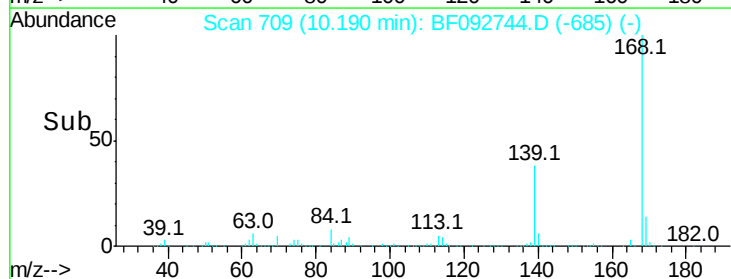
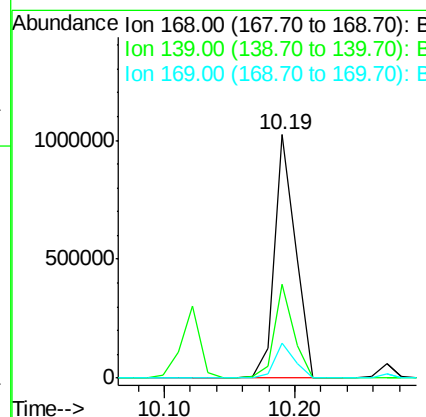
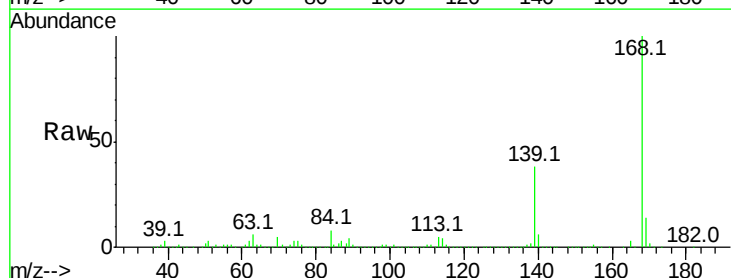
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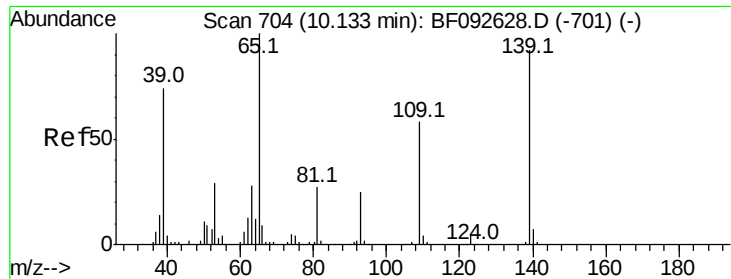
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#54
 Dibenzofuran
 Concen: 50.06 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	32.6	49.0
169	14.2	11.3	16.9





#55

4-Nitrophenol

Concen: 89.77 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

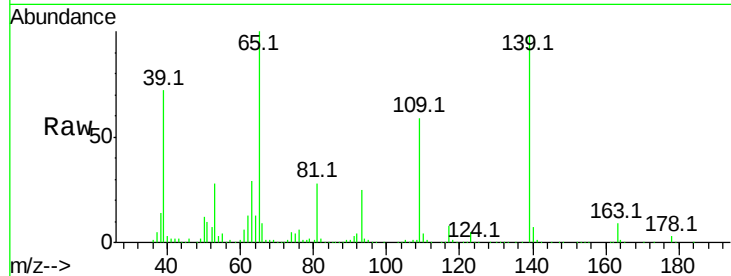
ClientSampleId :

SP-COMP-1A-0-2FTMSD

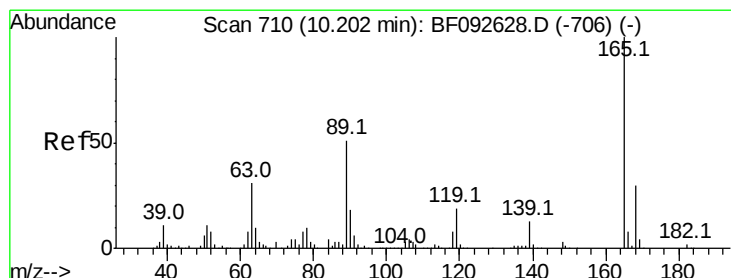
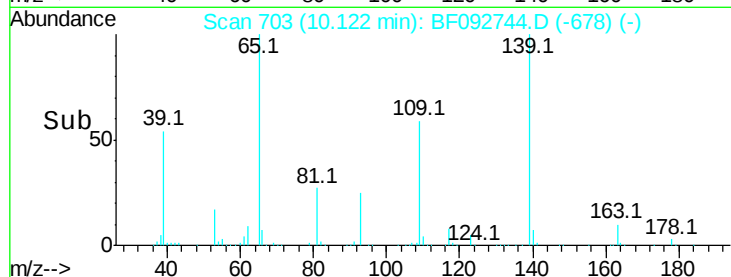
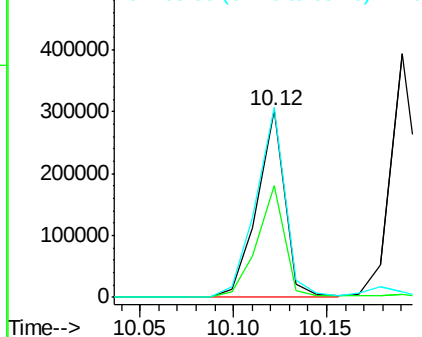
Tot Ion:	139	Resp:	313293
Ion Ratio	Lower	Upper	
139	100		
109	59.7	52.2	92.2
65	101.8	85.8	125.8

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



#56

2,4-Dinitrotoluene

Concen: 49.09 ng

RT: 10.18 min Scan# 708

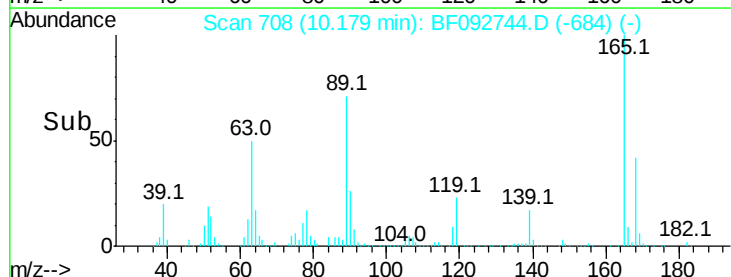
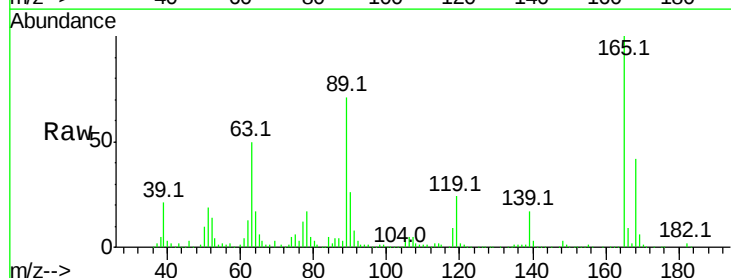
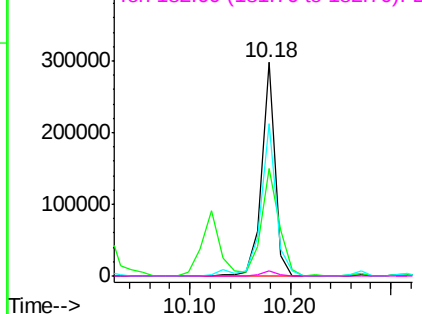
Delta R.T. -0.02 min

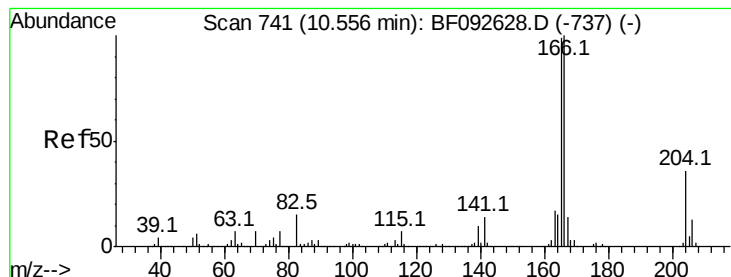
Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	165	Resp:	276717
Ion Ratio	Lower	Upper	
165	100		
63	50.2	40.2	60.4
89	71.4	62.5	93.7
182	2.2	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: 47.33 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

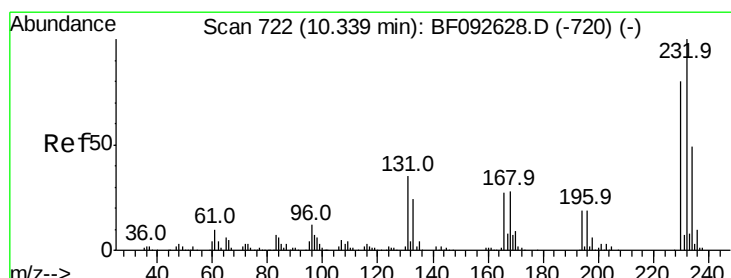
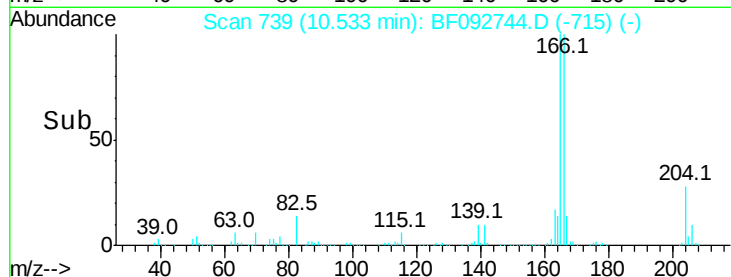
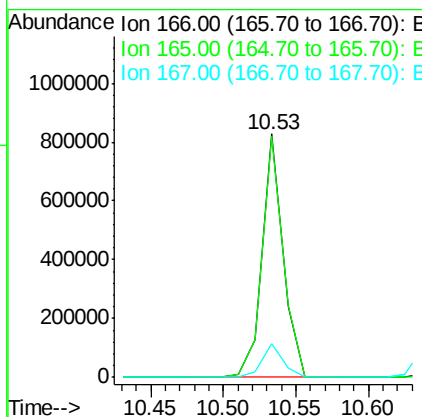
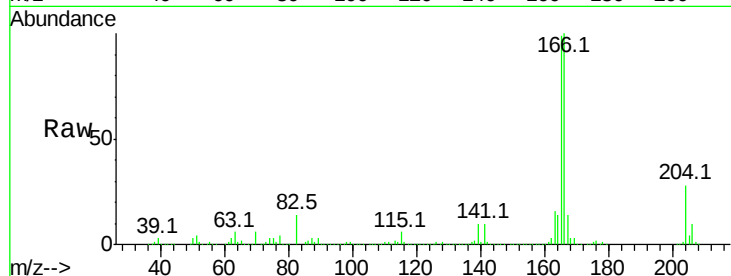
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	166	Resp:	829372
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.8	116.8
167	13.8	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 58.25 ng

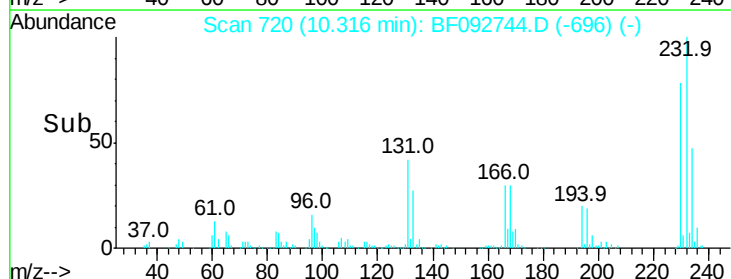
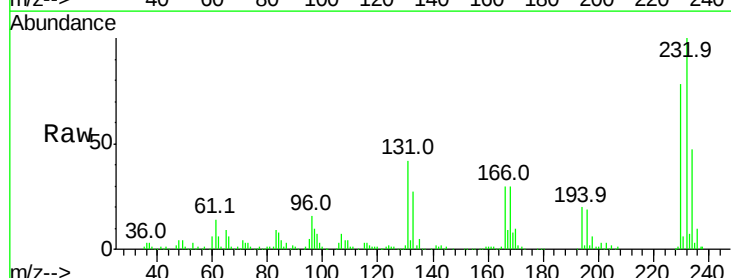
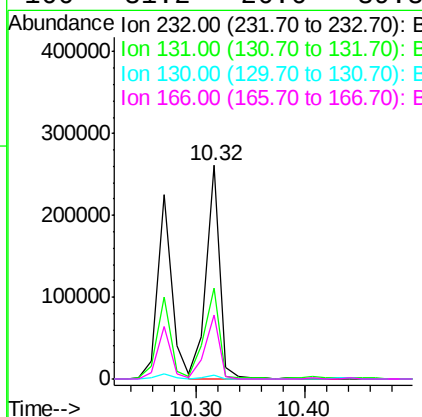
RT: 10.32 min Scan# 720

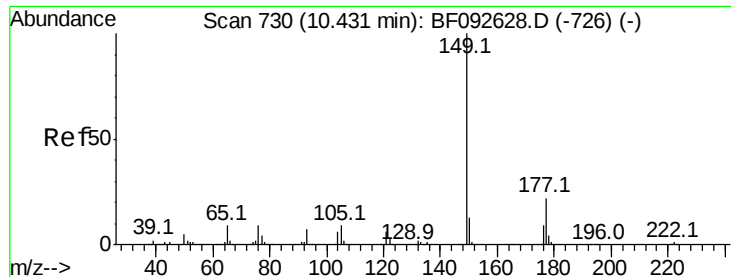
Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	232	Resp:	228570
Ion Ratio	Lower	Upper	
232	100		
131	47.0	40.1	60.1
130	2.3	1.8	2.8
166	31.2	26.6	39.8





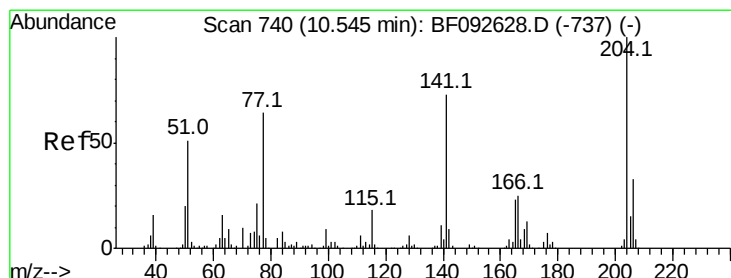
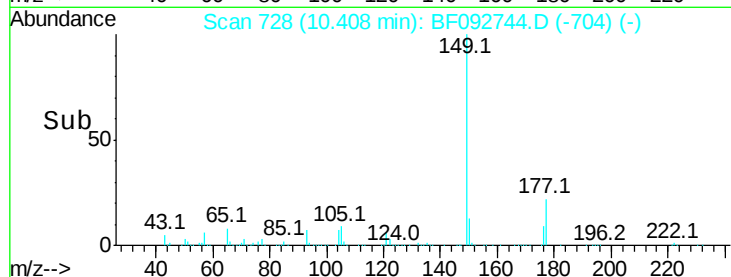
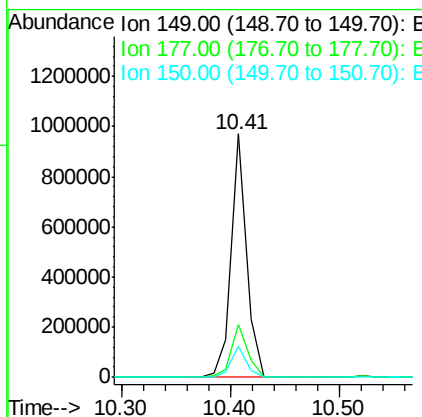
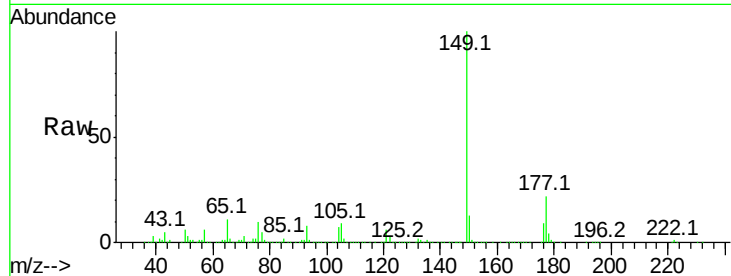
#59
Diethylphthalate
Concen: 51.17 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	945457		
177	21.8	16.6	25.0	
150	12.8	10.4	15.6	

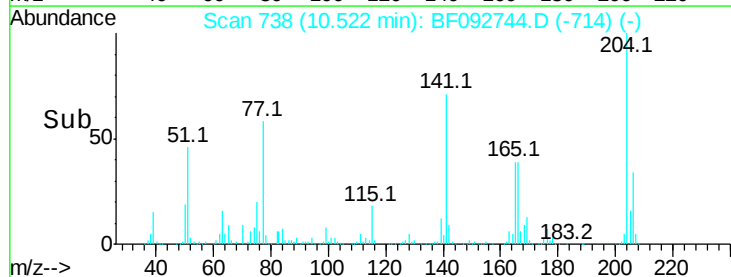
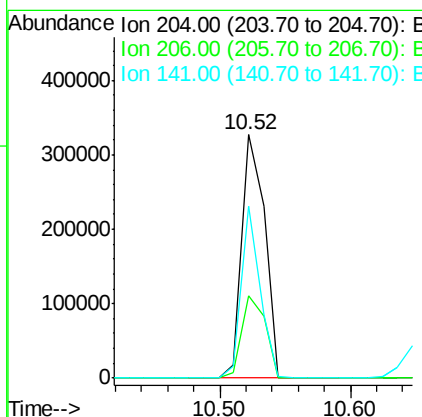
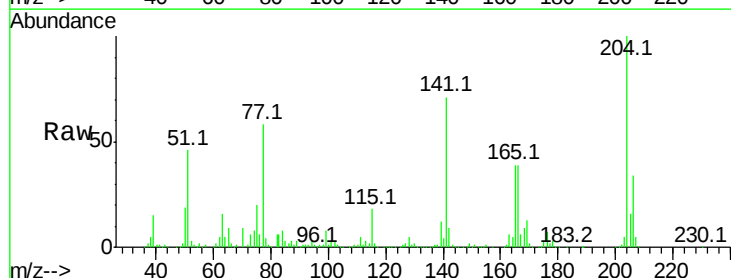
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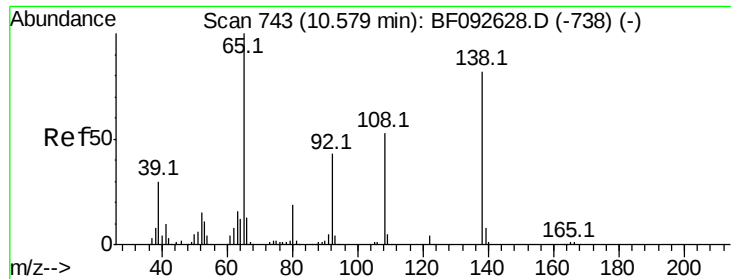
mohammad
2/3/2017 1:22:56 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.15 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	396897		
206	33.8	25.8	38.6	
141	70.6	59.4	89.0	





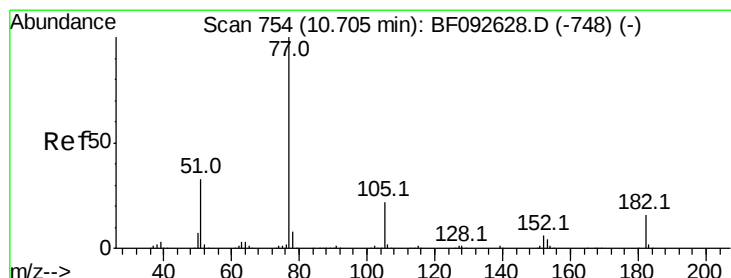
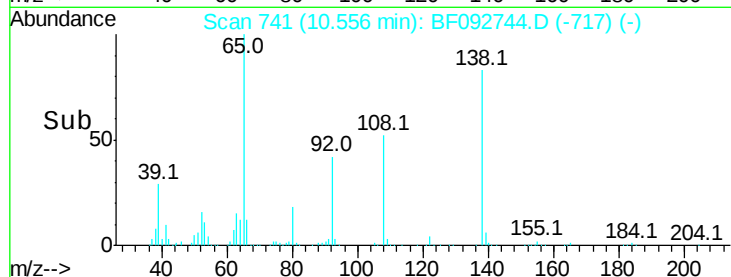
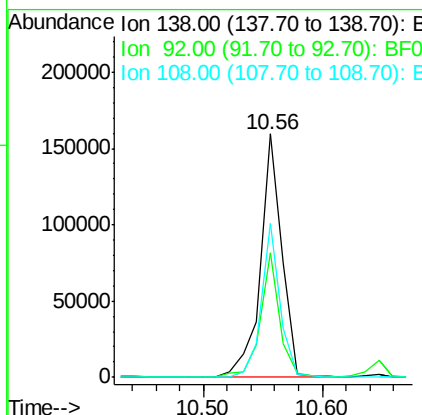
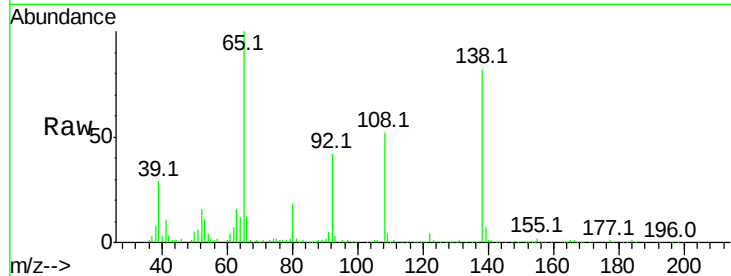
#61
4-Nitroaniline
Concen: 40.73 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	202148		
92	50.9	31.7	71.7	
108	63.1	52.6	92.6	

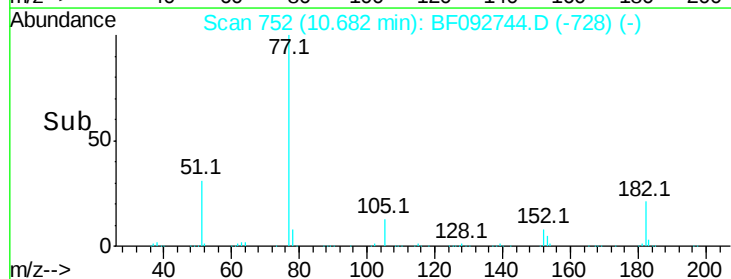
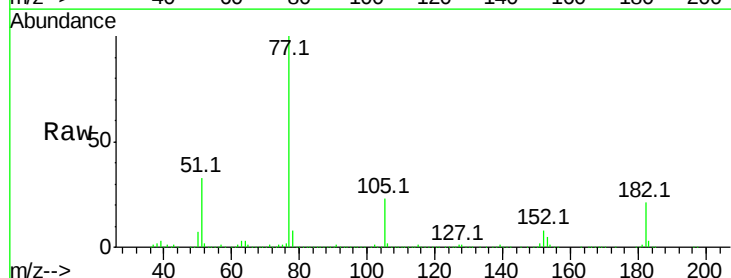
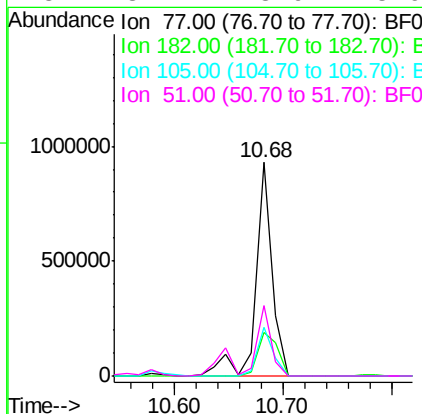
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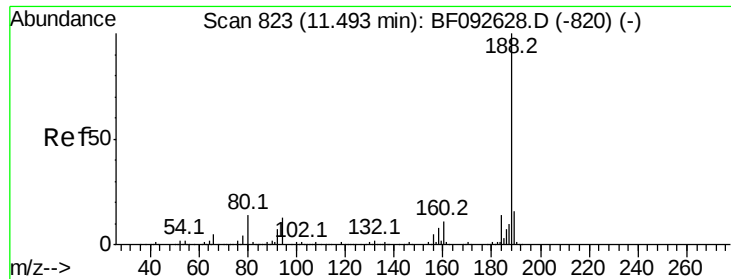
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#62
Azobenzene
Concen: 51.53 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	983623		
182	20.5	0.0	39.3	
105	22.5	2.3	42.3	
51	32.7	8.9	48.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

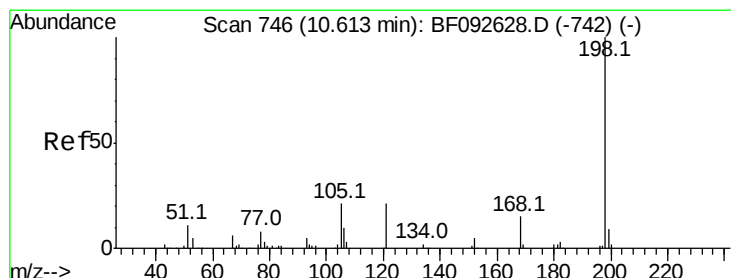
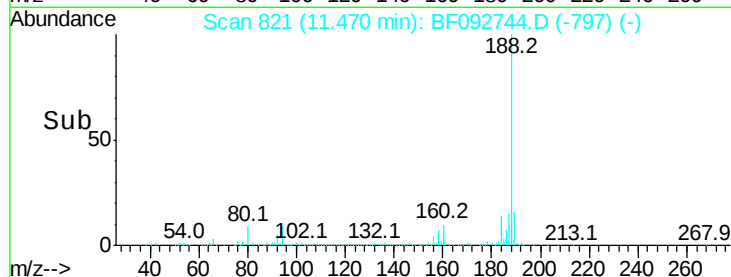
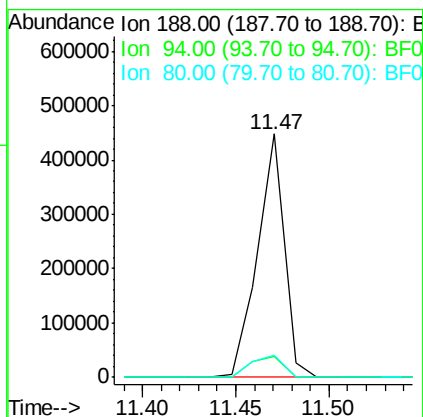
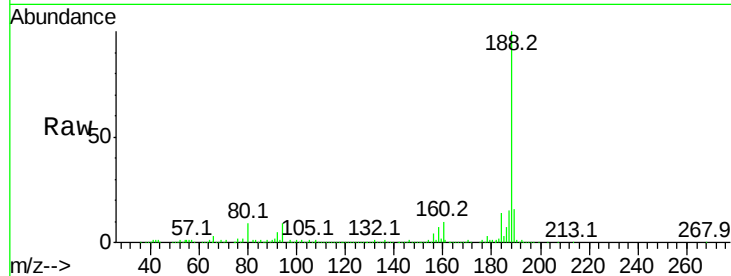
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:188	Resp:	443843
Ion Ratio	Lower	Upper
188 100		
94 8.6	10.0	15.0#
80 8.9	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 18.63 ng

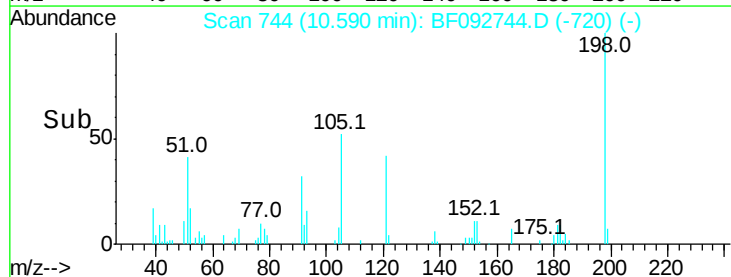
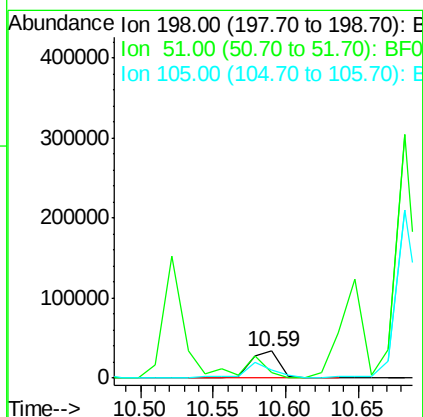
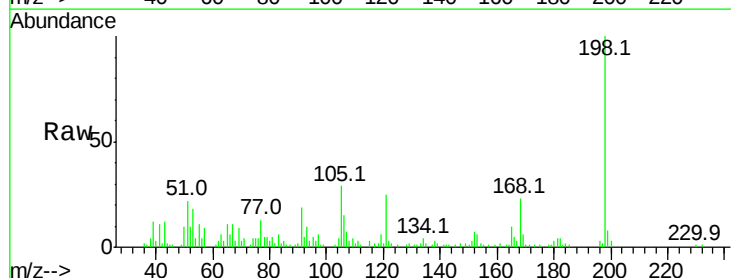
RT: 10.59 min Scan# 744

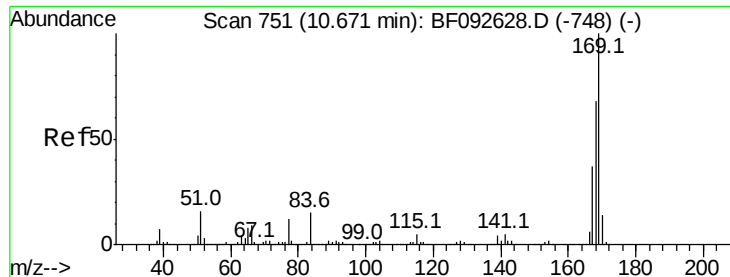
Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:198	Resp:	45661
Ion Ratio	Lower	Upper
198 100		
51 22.0	6.7	46.7
105 29.4	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 56.75 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

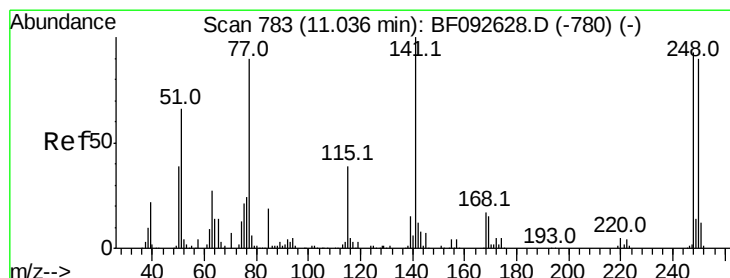
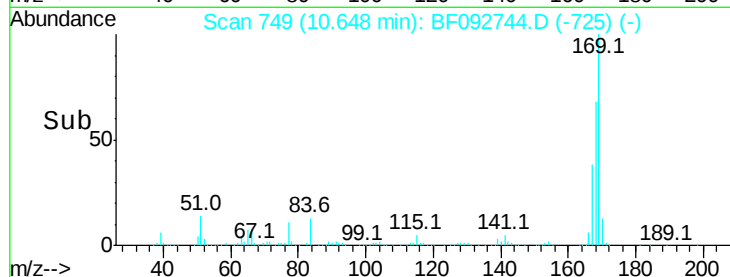
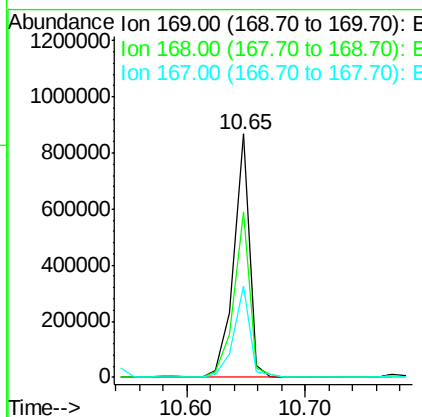
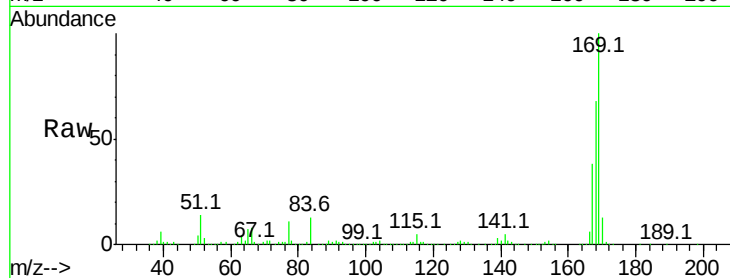
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	169	Resp:	804612
Ion Ratio	Lower	Upper	
169	100		
168	68.1	54.2	81.2
167	37.8	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 50.36 ng

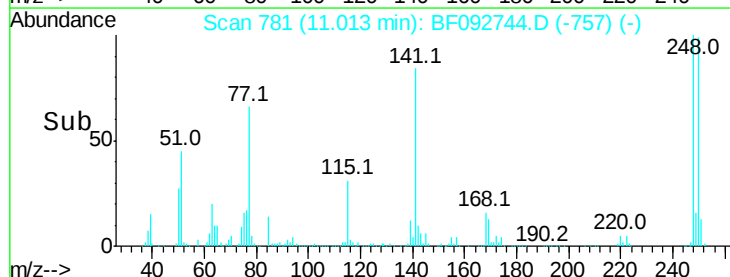
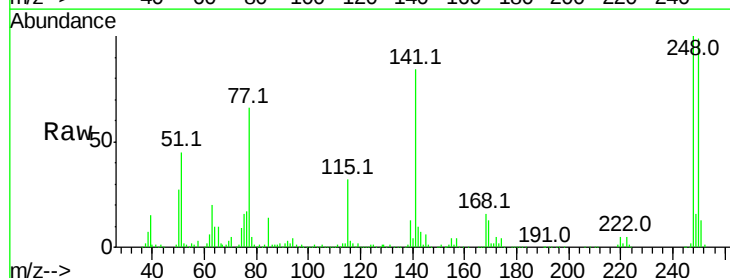
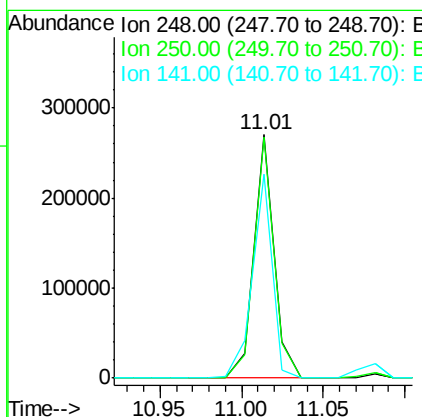
RT: 11.01 min Scan# 781

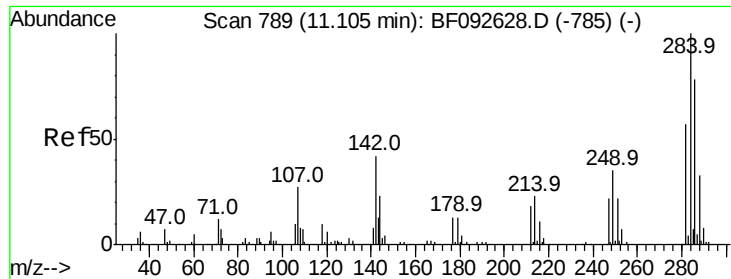
Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	248	Resp:	233533
Ion Ratio	Lower	Upper	
248	100		
250	99.2	76.9	115.3
141	84.0	68.2	102.4





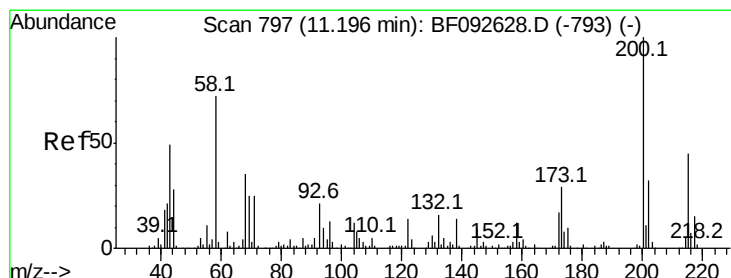
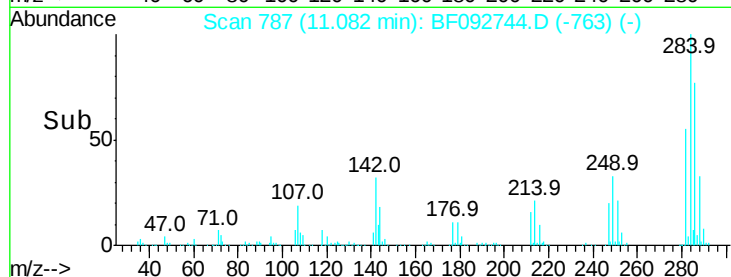
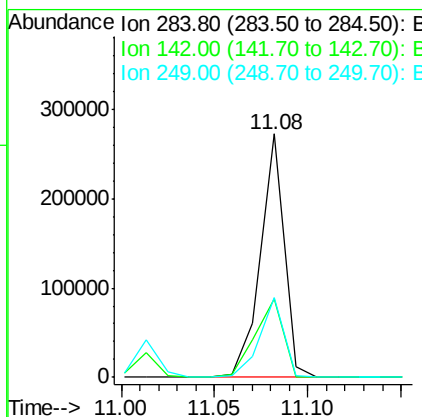
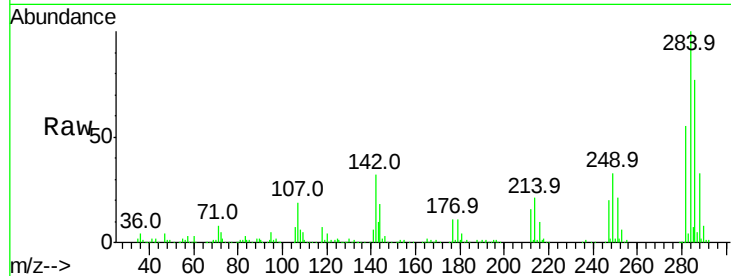
#67
Hexachlorobenzene
Concen: 52.14 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.3	22.6	33.8	
249	33.0	25.4	38.0	

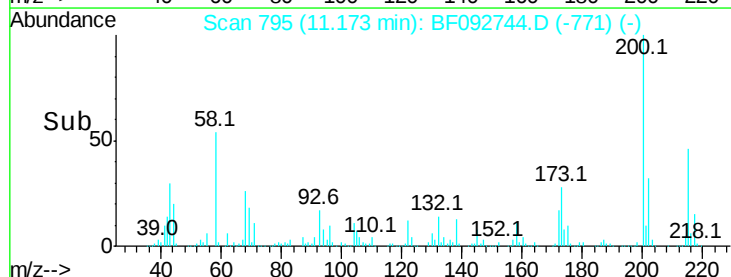
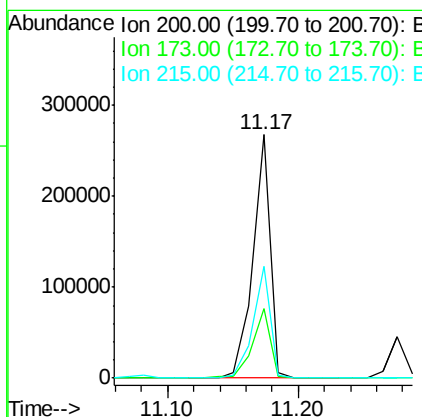
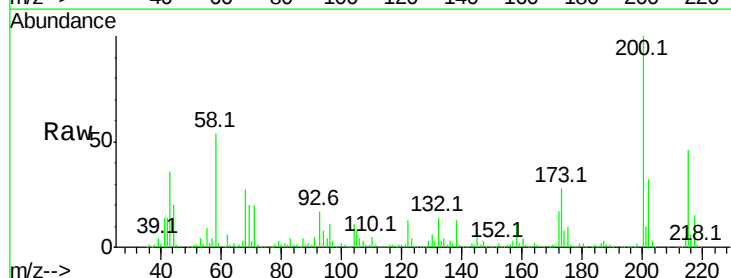
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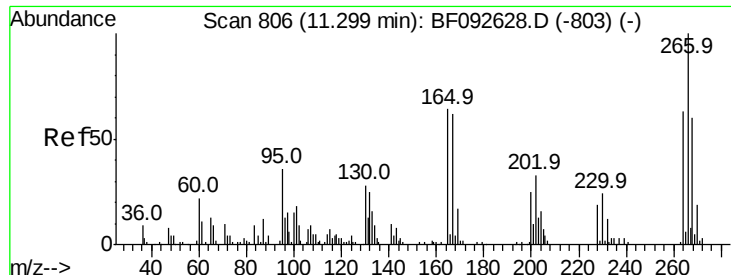
mohammad
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#68
Atrazine
Concen: 54.51 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.4	9.6	49.6	
215	46.0	25.7	65.7	





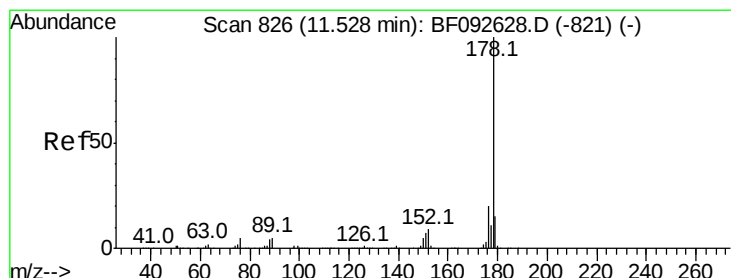
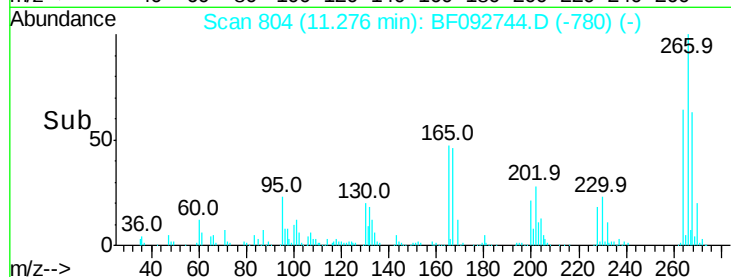
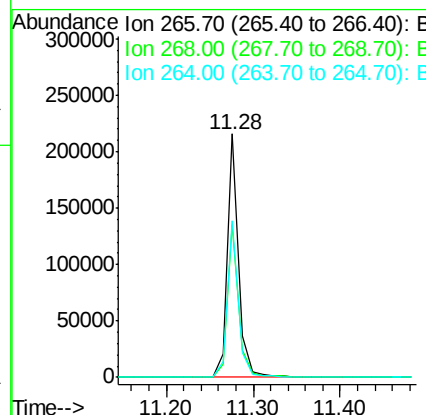
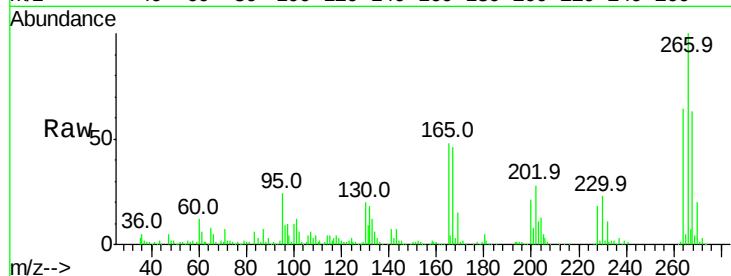
#69
 Pentachlorophenol
 Concen: 83.75 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	198981		
268	62.9	53.3	79.9	
264	64.3	50.3	75.5	

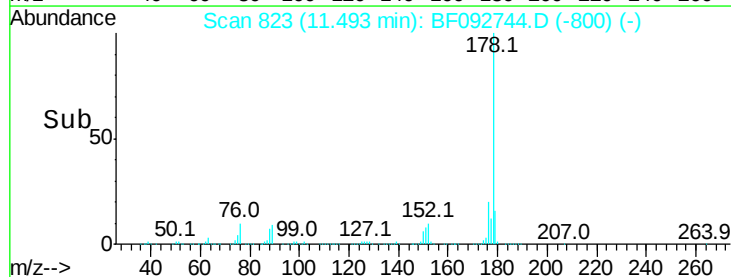
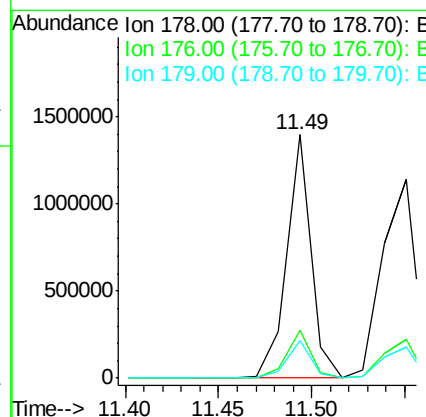
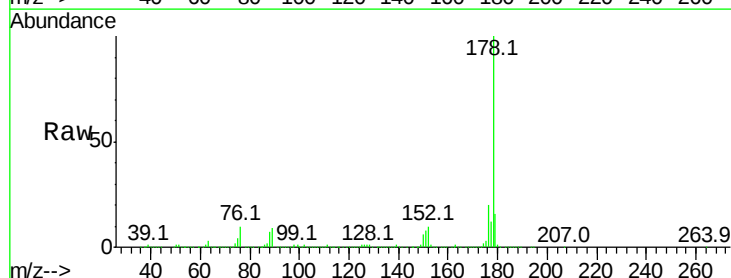
Manual Integrations
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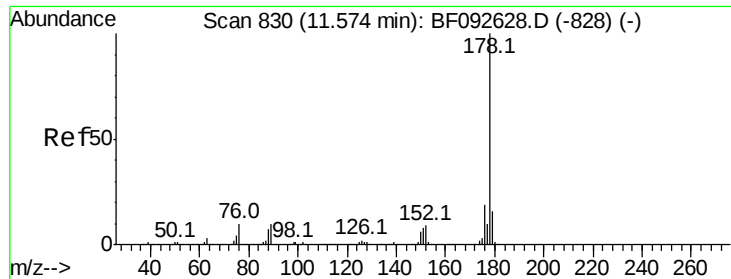
mohammad
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#70
 Phenanthrene
 Concen: 50.02 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1271839		
176	19.8	16.6	25.0	
179	15.6	12.8	19.2	





#71

Anthracene

Concen: 53.00 ng

RT: 11.55 min Scan# 828

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:178 Resp: 1353424

Ion Ratio Lower Upper

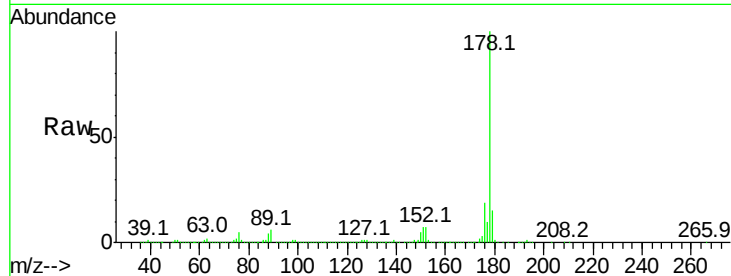
178 100

176 19.3 15.9 23.9

179 15.5 13.2 19.8

Manual Integrations
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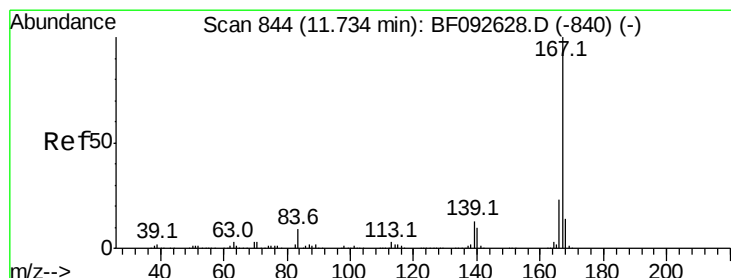
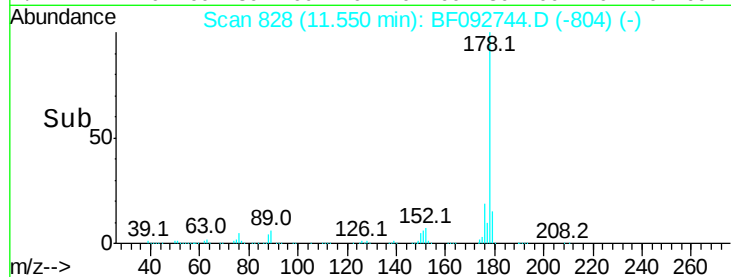
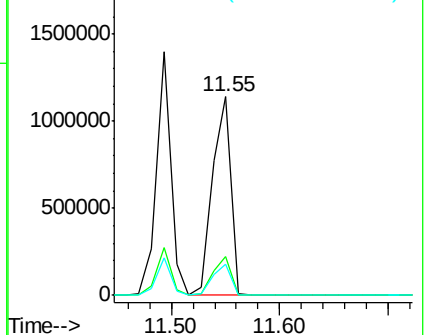
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.14 ng

RT: 11.70 min Scan# 841

Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

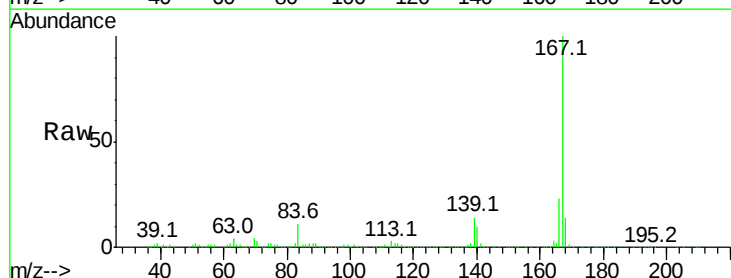
Tgt Ion:167 Resp: 1028654

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

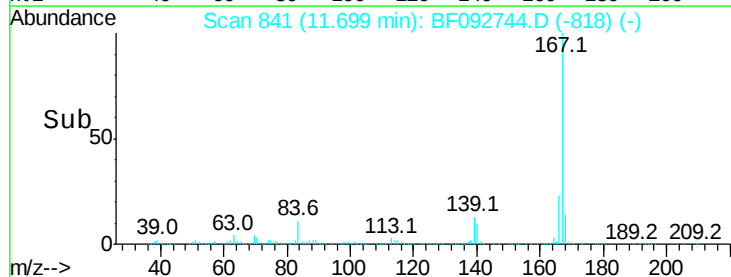
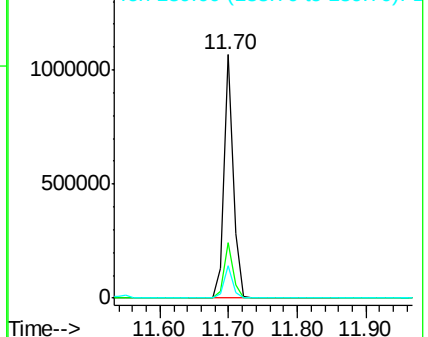
139 13.5 11.4 17.2

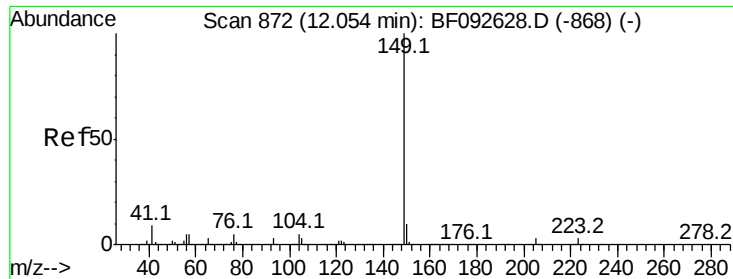


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 56.44 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

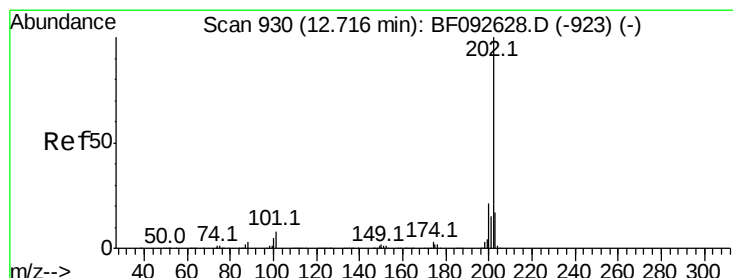
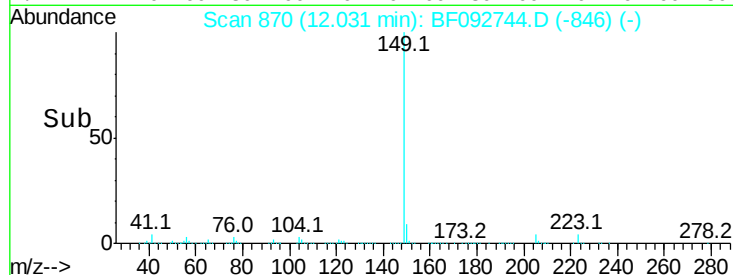
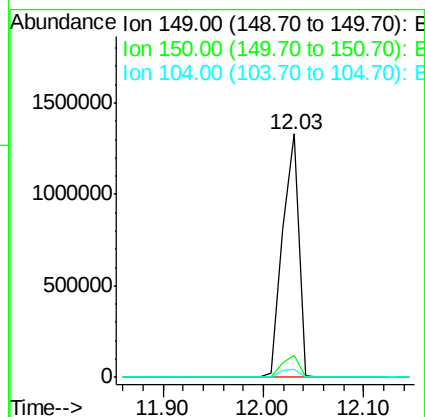
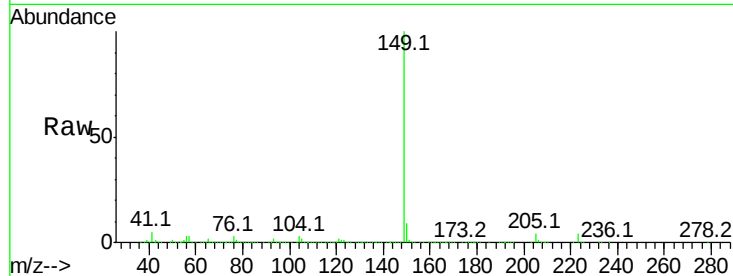
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	3.5	4.6	7.0

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#74

Fluoranthene

Concen: 50.08 ng

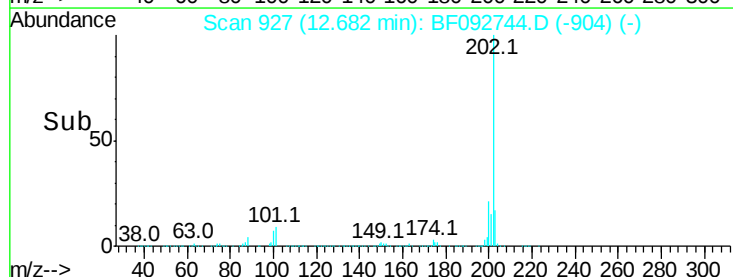
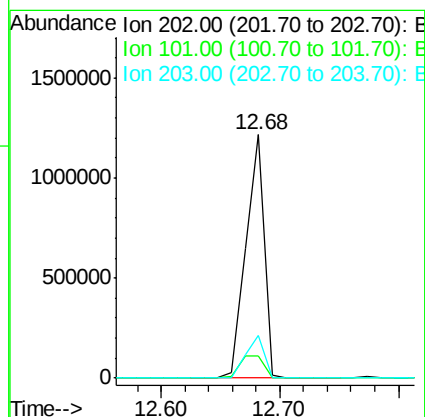
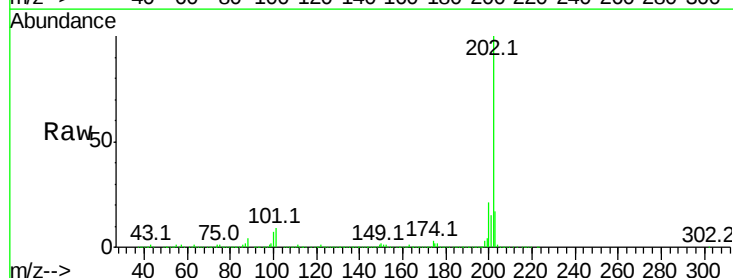
RT: 12.68 min Scan# 927

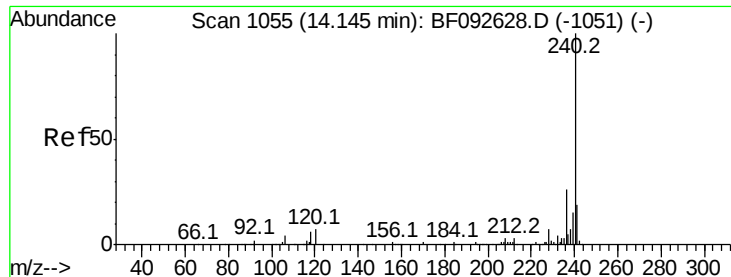
Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	34.6
203	17.4	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

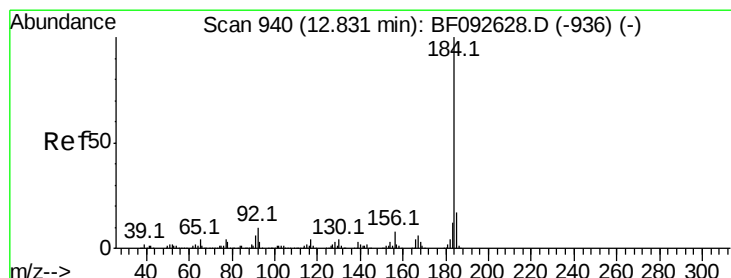
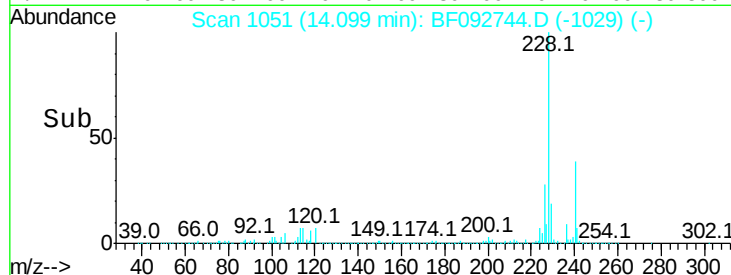
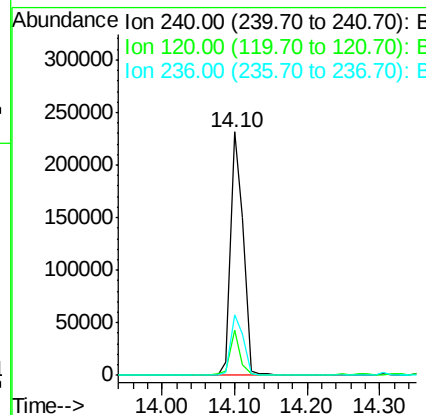
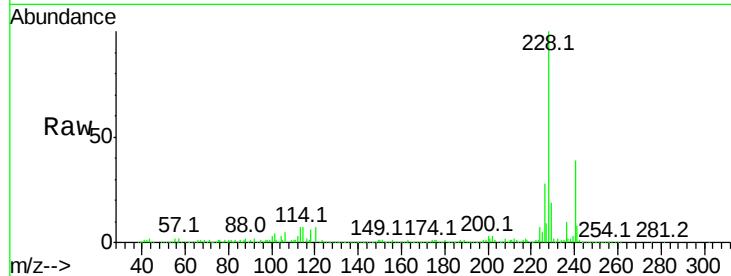
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	240	Resp:	278107
Ion Ratio	Lower	Upper	
240	100		
120	18.5	12.9	19.3
236	25.1	20.9	31.3

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#76

Benzidine

Concen: 37.23 ng

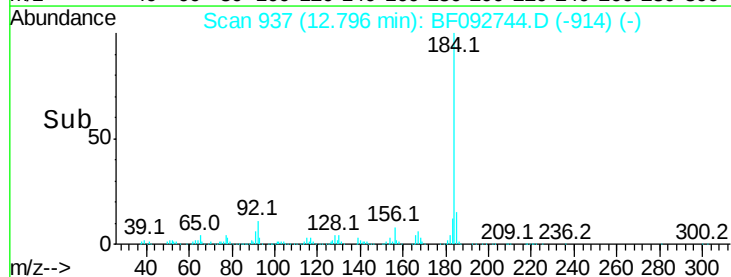
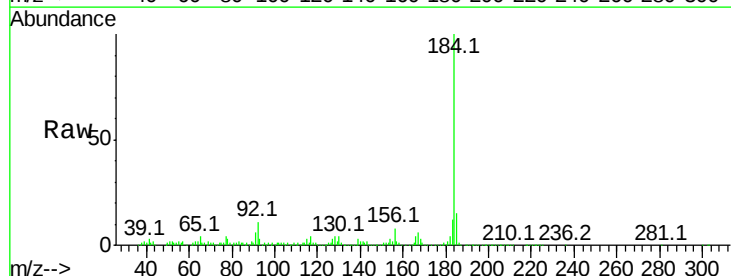
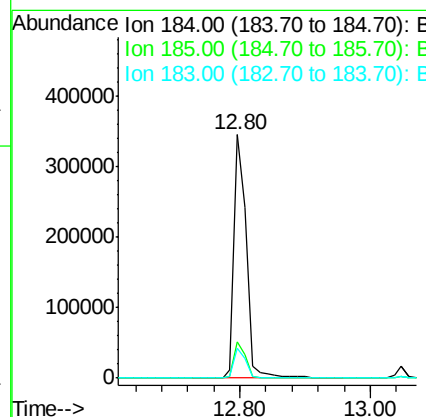
RT: 12.80 min Scan# 937

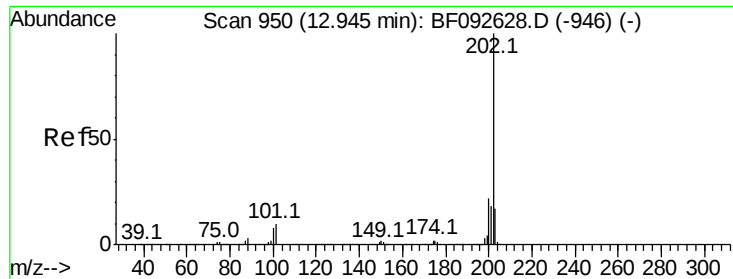
Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	184	Resp:	441224
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.4	20.0
183	12.0	9.2	13.8





#77

Pvrene

Concen: 60.49 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

ClientSampleId :

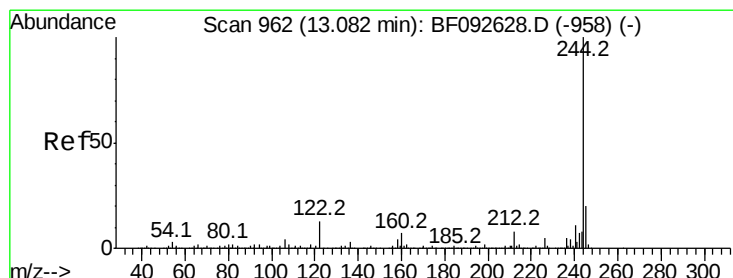
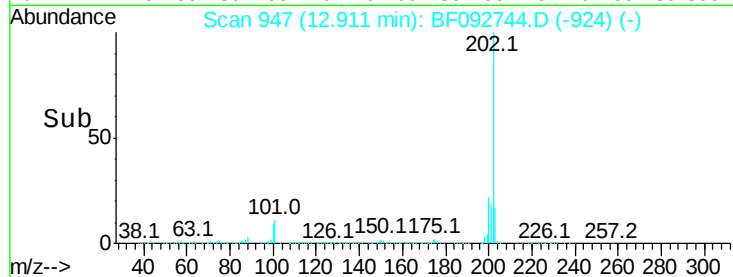
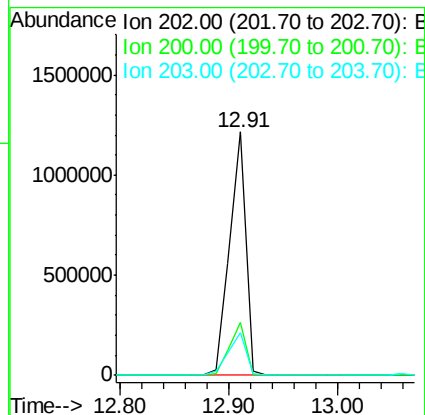
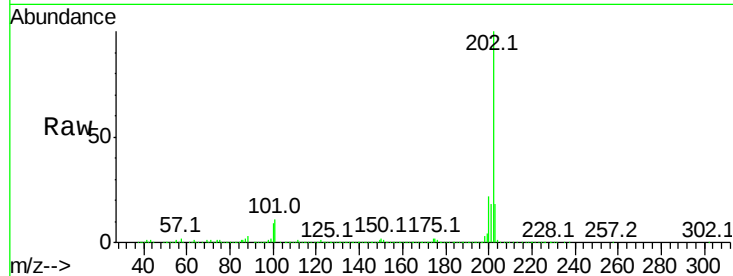
SP-COMP-1A-0-2FTMSD

Tot Ion:202 Resp: 1259008

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.6	14.7	22.1

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#78

Terphenyl-d14

Concen: 92.64 ng

RT: 13.05 min Scan# 959

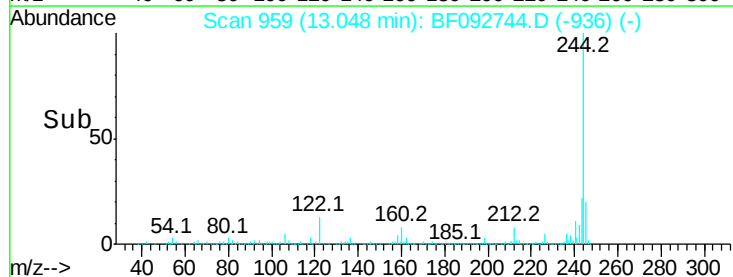
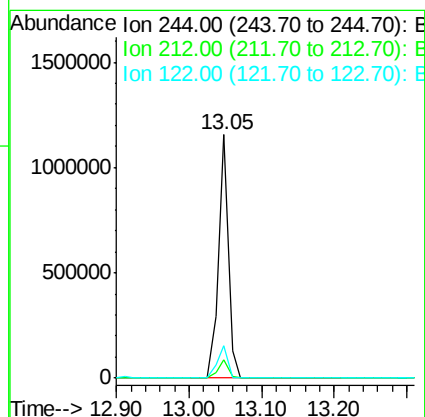
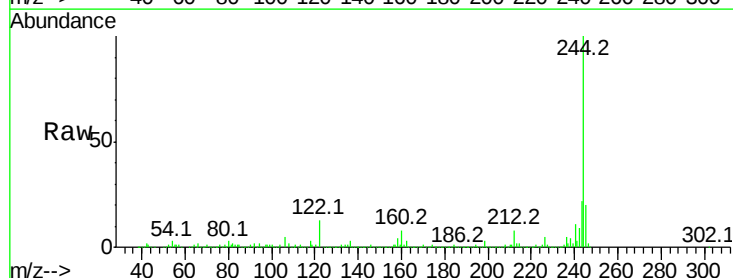
Delta R.T. -0.03 min

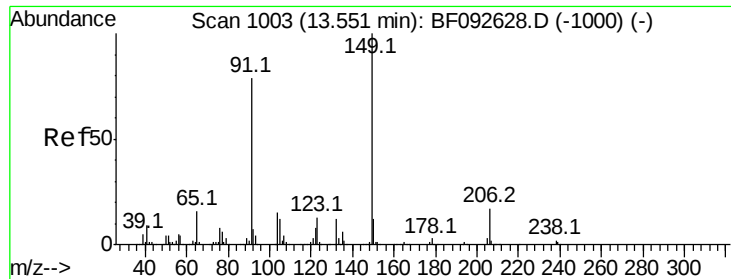
Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:244 Resp: 1096450

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.1	11.4	17.2





#79

Butylbenzylphthalate

Concen: 57.87 ng

RT: 13.52 min Scan# 1000

Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

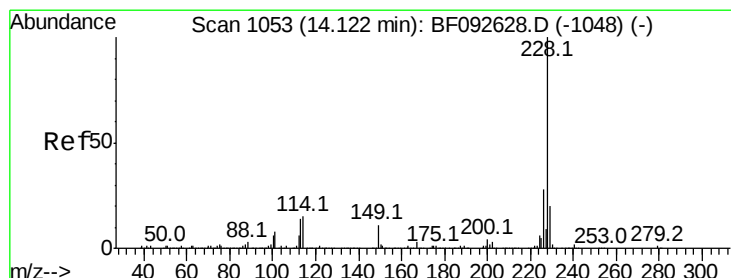
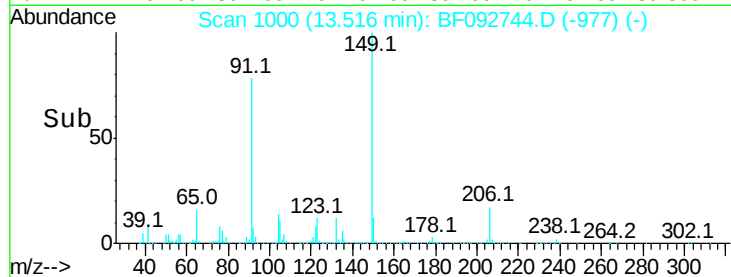
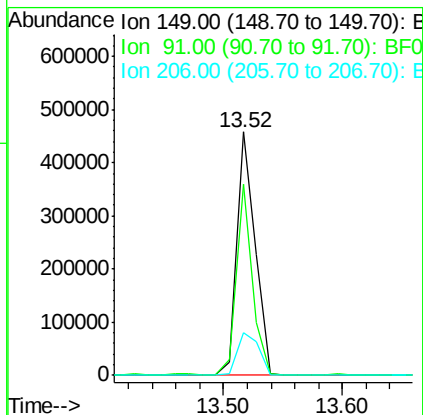
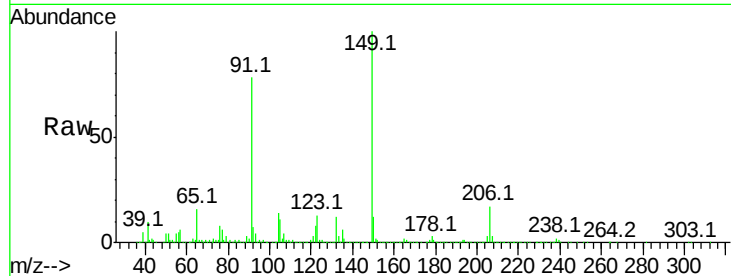
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	149	Resp:	489063
Ion Ratio	Lower	Upper	
149	100		
91	78.5	63.9	95.9
206	17.4	14.6	21.8

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 55.94 ng

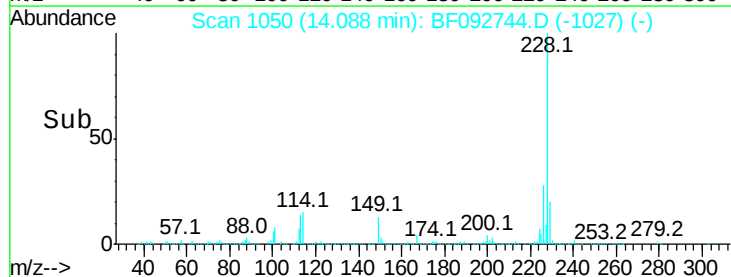
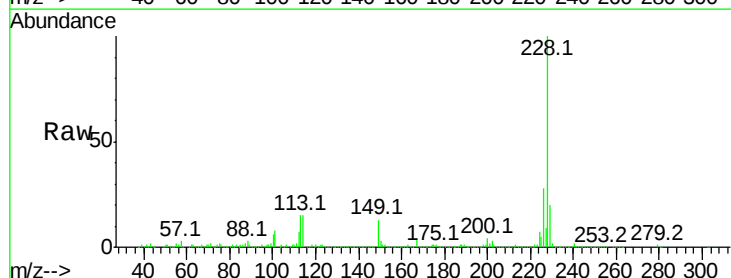
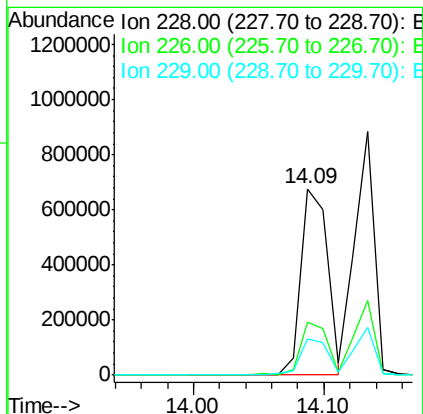
RT: 14.09 min Scan# 1050

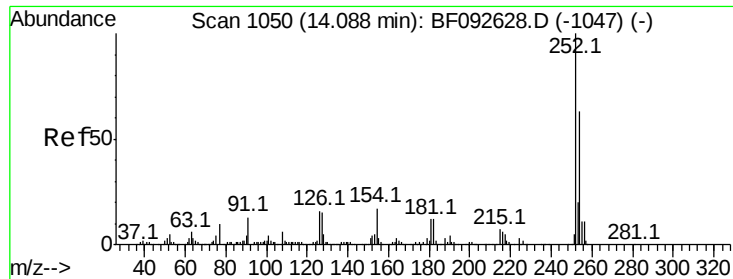
Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	228	Resp:	951431
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.4	33.6
229	19.8	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 41.86 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

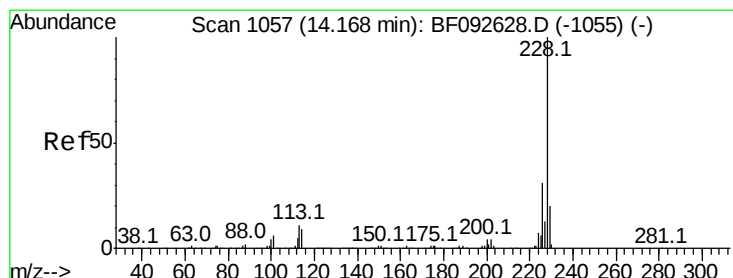
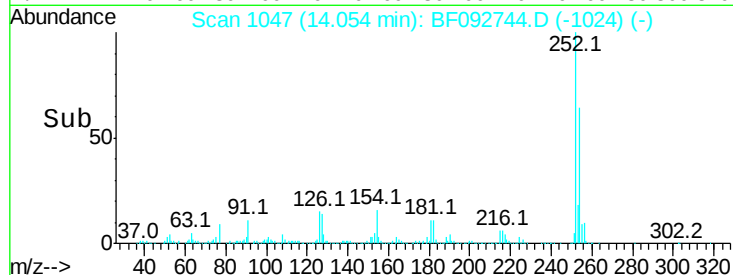
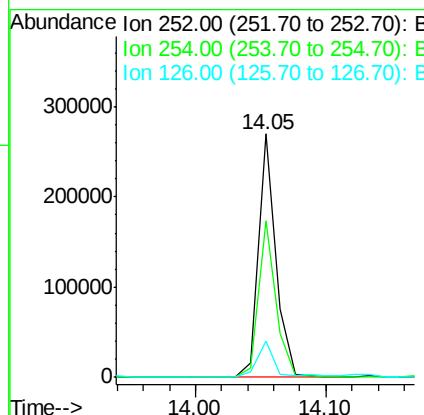
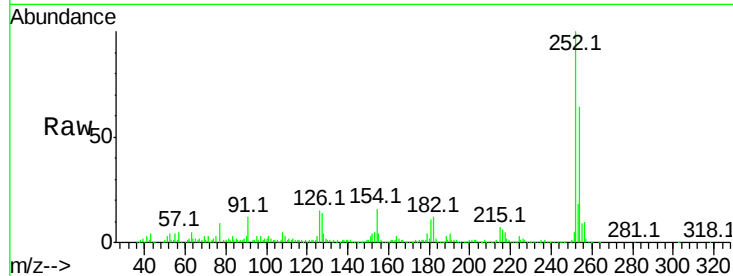
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	252	Resp:	253802
Ion Ratio		Lower	Upper
252	100		
254	64.4	52.3	78.5
126	15.0	13.6	20.4

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#82

Chrysene

Concen: 57.15 ng

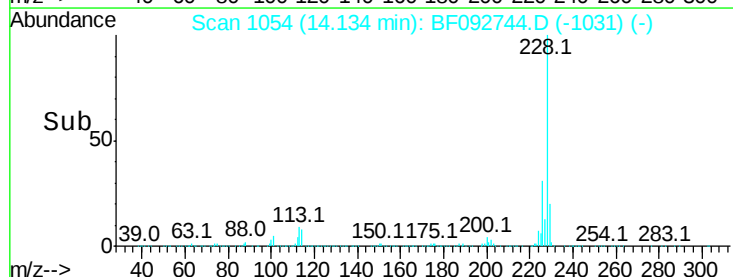
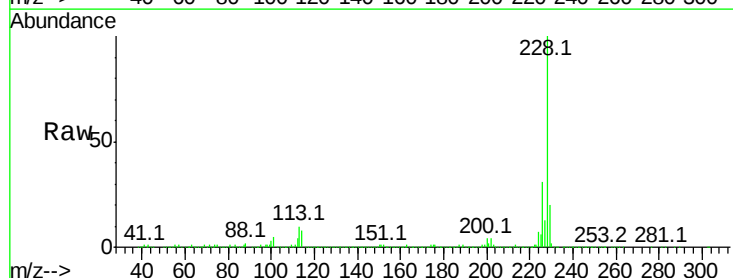
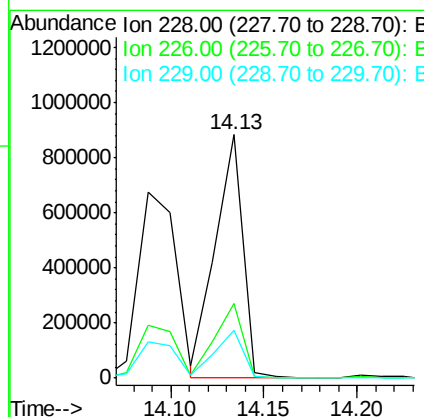
RT: 14.13 min Scan# 1054

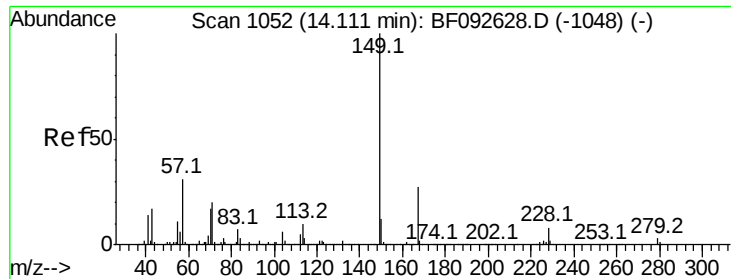
Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	228	Resp:	910161
Ion Ratio		Lower	Upper
228	100		
226	30.9	25.4	38.0
229	19.9	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 58.97 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

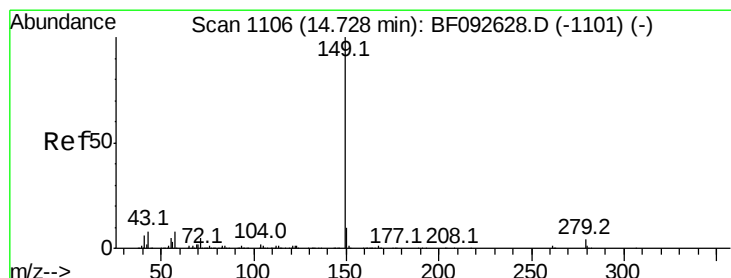
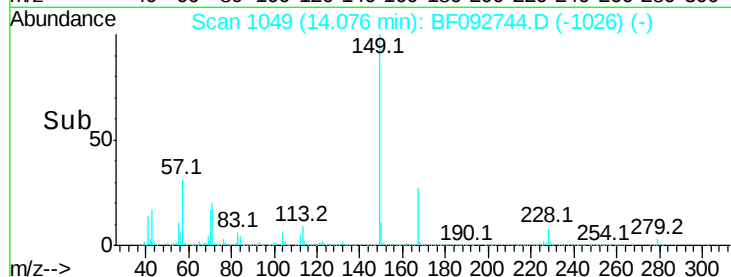
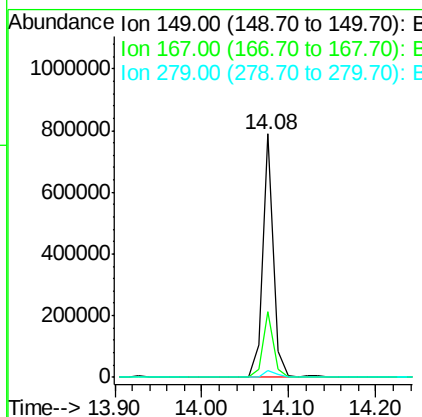
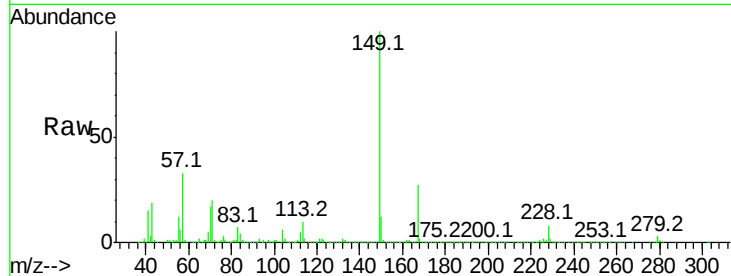
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	149	Resp:	681566
Ion Ratio	Lower	Upper	
149	100		
167	26.9	20.2	30.4
279	2.8	1.8	2.8#

Manual Integrations
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2/3/2017 1:22:56 PM



#84

Di-n-octyl phthalate

Concen: 59.41 ng

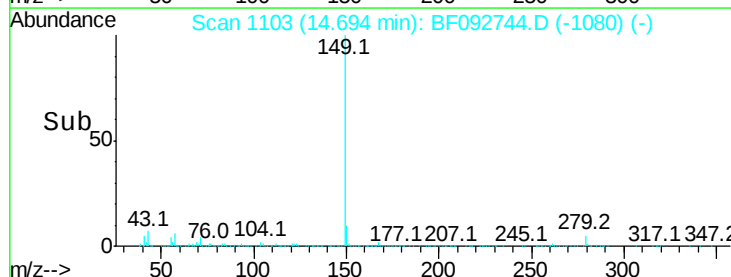
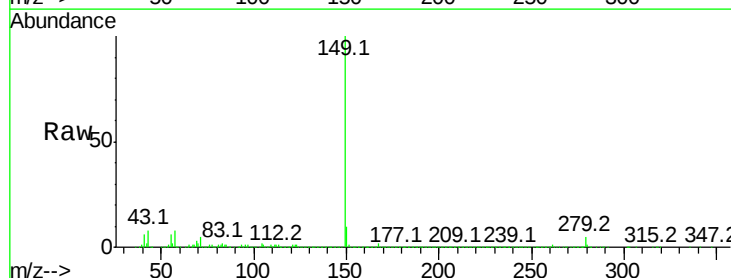
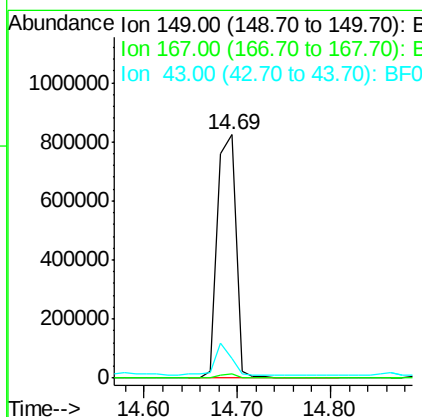
RT: 14.69 min Scan# 1103

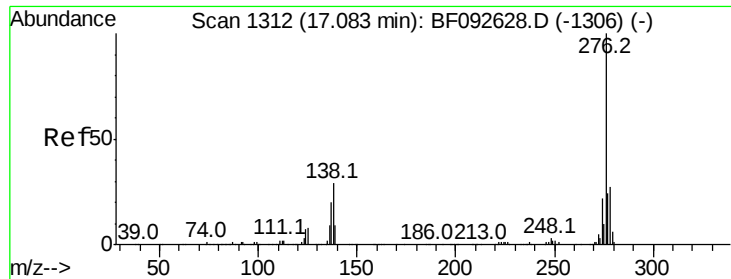
Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	149	Resp:	1118276
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.1	8.9	13.3





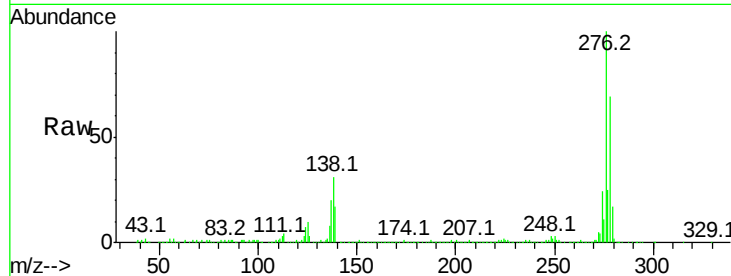
#85
Indeno(1,2,3-cd)pyrene
Concen: 86.07 ng
RT: 17.04 min Scan# 1308
Delta R.T. -0.05 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

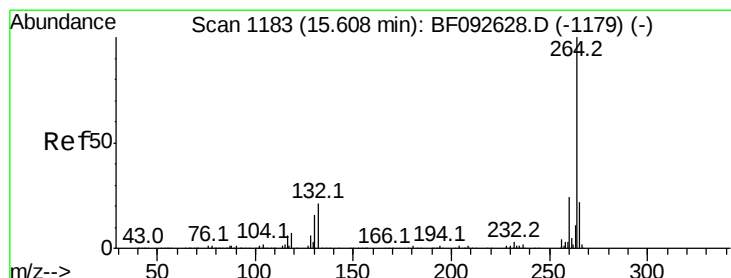
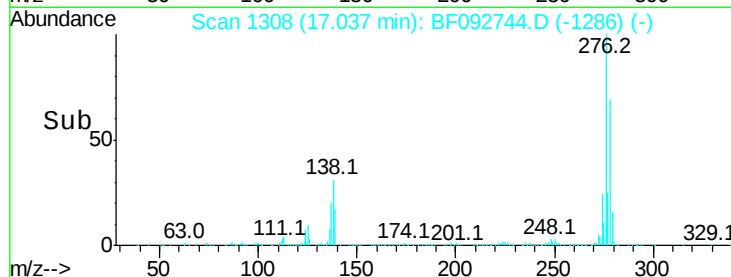
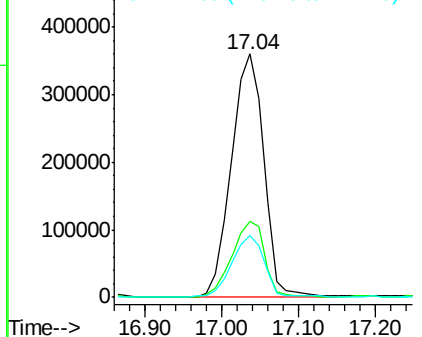
Tot Ion:276 Resp: 1061761
Ion Ratio Lower Upper
276 100
138 31.3 21.8 32.6
277 25.4 20.2 30.4

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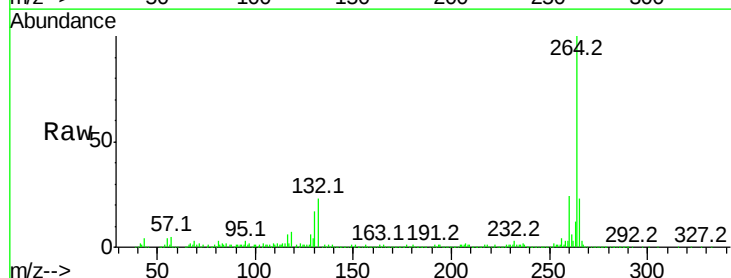


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

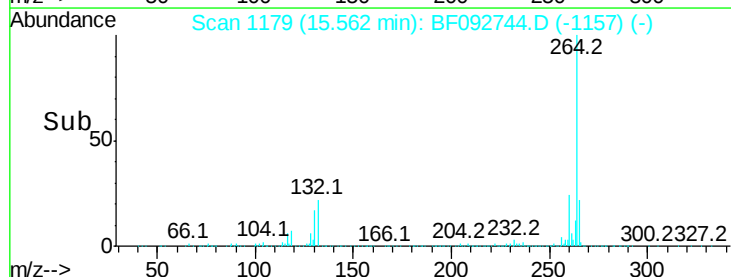
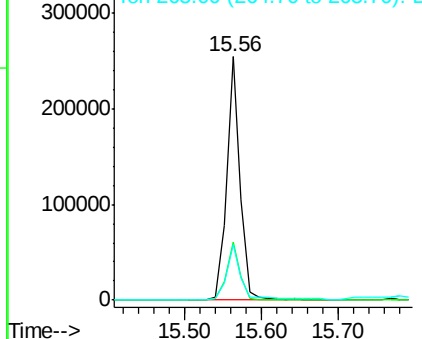


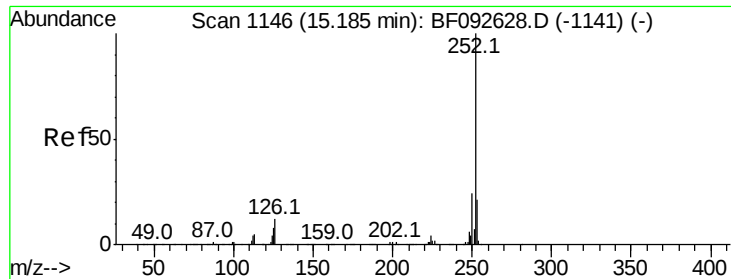
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion:264 Resp: 317064
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.6 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.00 ng m

RT: 15.14 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Instrument :

BNA_F

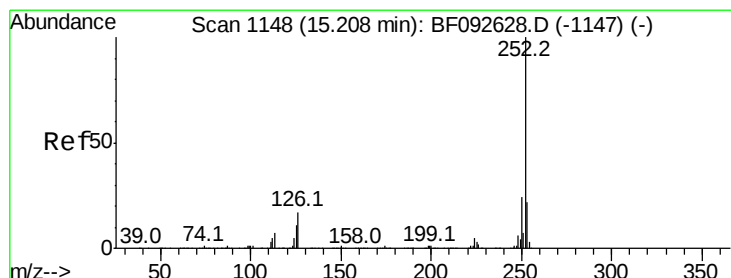
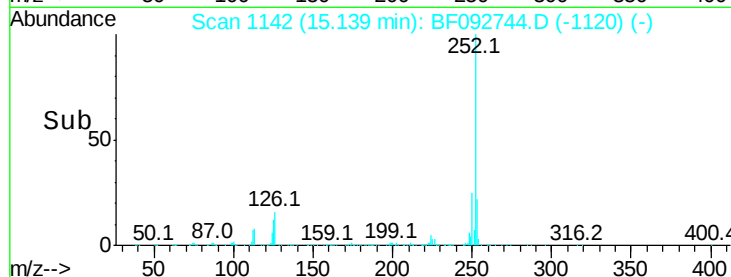
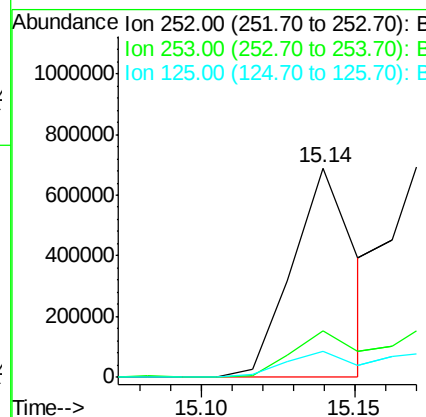
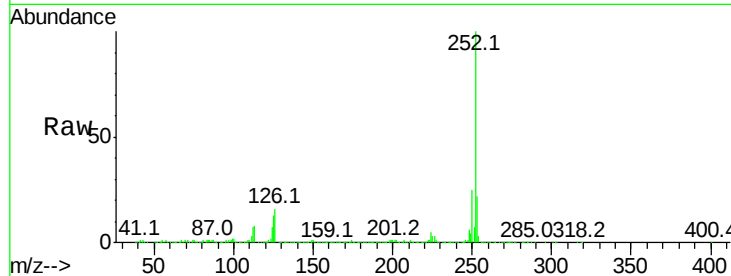
ClientSampleId :

SP-COMP-1A-0-2FTMSD

Tot Ion:	252	Resp:	980948
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.4
125	12.7	9.8	14.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 51.01 ng m

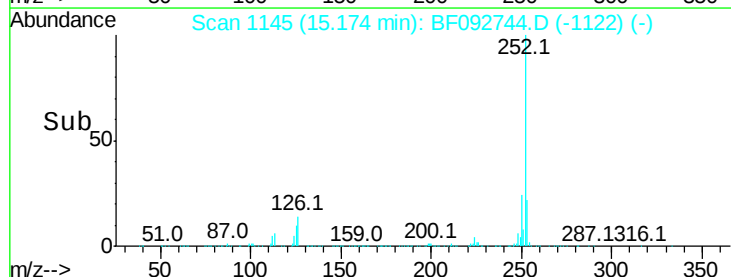
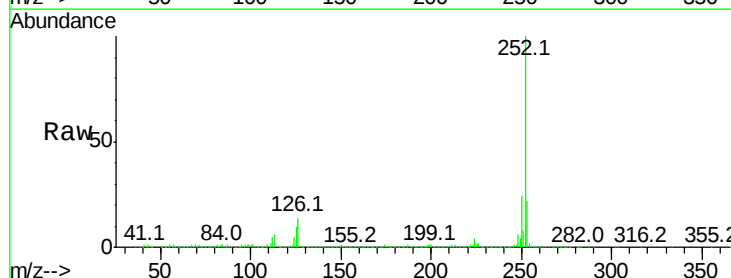
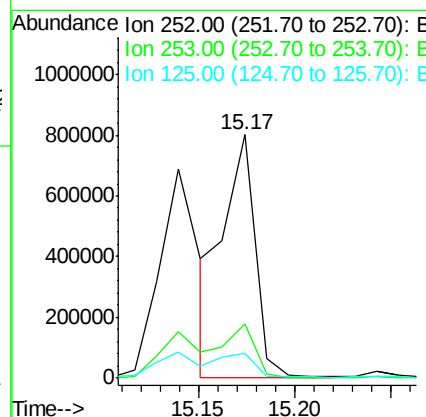
RT: 15.17 min Scan# 1145

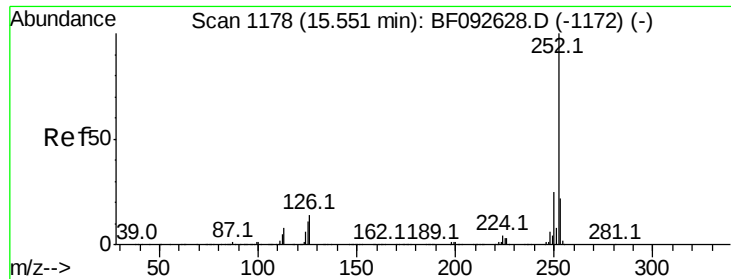
Delta R.T. -0.03 min

Lab File: BF092744.D

Acq: 2 Feb 2017 19:26

Tgt Ion:	252	Resp:	919194
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.5	27.7
125	10.3	8.9	13.3





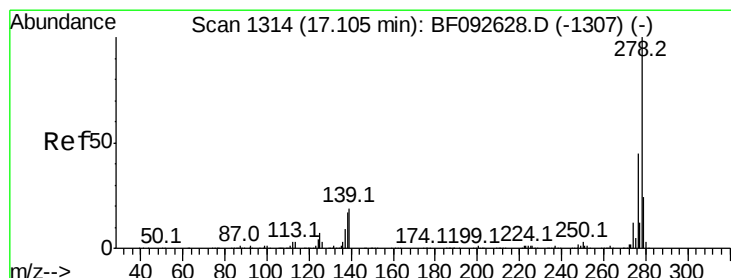
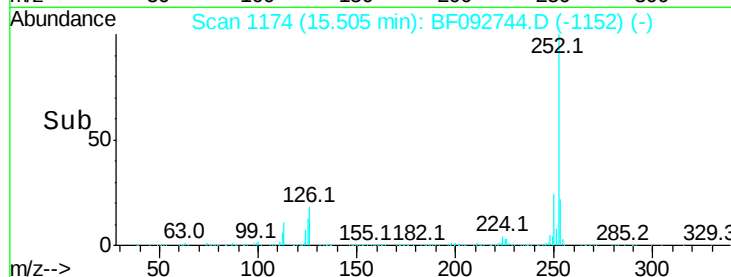
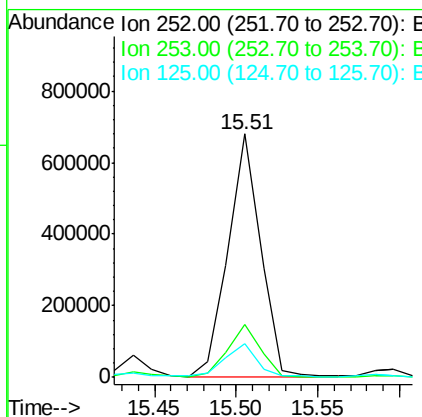
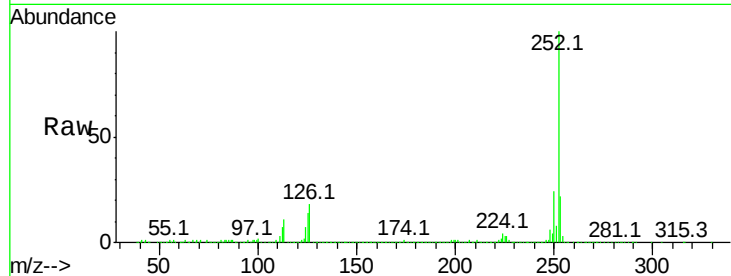
#89
Benzo(a)pyrene
Concen: 52.05 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Instrument :
BNA_F
ClientSampleId :
SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	13.7	10.0	15.0

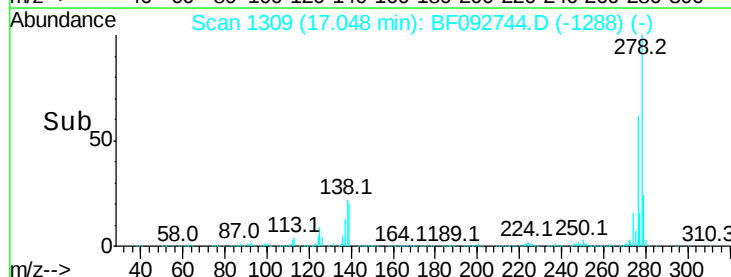
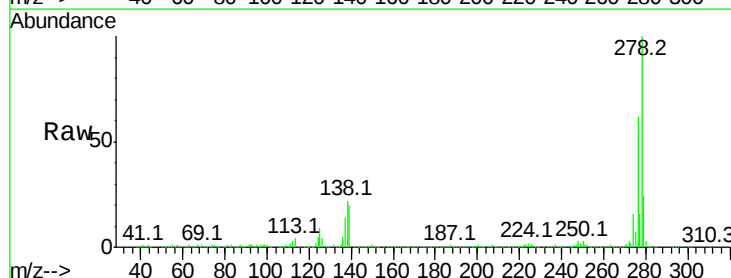
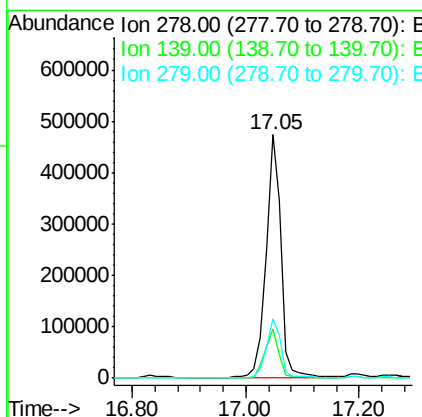
Manual Integrations
APPROVED

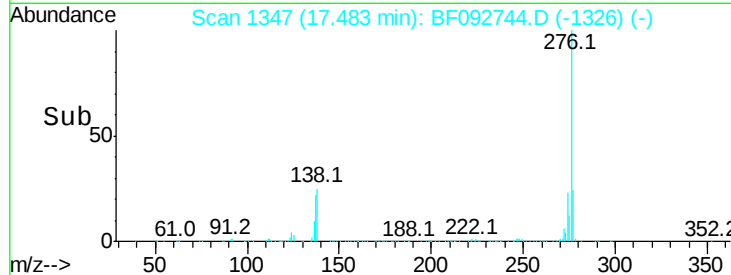
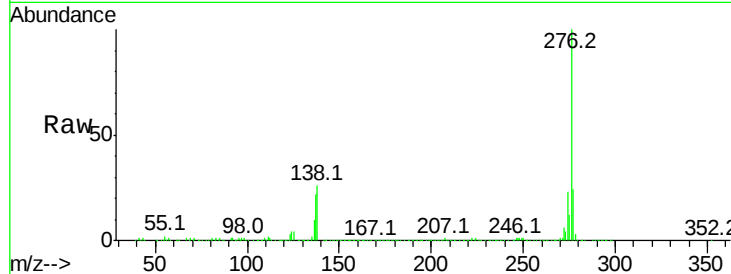
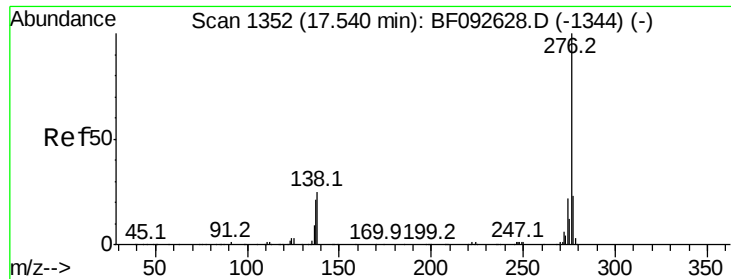
mohammad
2/3/2017 1:22:56 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.60 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.06 min
Lab File: BF092744.D
Acq: 2 Feb 2017 19:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.8	22.2
279	24.3	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 61.42 ng
 RT: 17.48 min Scan# 1347
 Delta R.T. -0.06 min
 Lab File: BF092744.D
 Acq: 2 Feb 2017 19:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	25.6	16.0	24.0

Manual Integrations
 APPROVED

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