

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092743.D
 Acq On : 2 Feb 2017 18:59
 Operator : SJ/MA
 Sample : I1658-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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mohammad
 2/3/2017 1:22:30 PM

Quant Time: Feb 03 00:37:14 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	172467	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	585454	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	314859	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	471195	20.00	ng	-0.02
75) Chrysene-d12	14.11	240	286154	20.00	ng	-0.03
86) Perylene-d12	15.56	264	321059	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1660222	165.15	ng	-0.01
7) Phenol-d6	6.59	99	1918106	148.29	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1323877	125.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.77	330	313674	137.74	ng	-0.03
44) 2-Fluorobiphenyl	9.31	172	1744585	100.38	ng	-0.02
78) Terphenyl-d14	13.05	244	1123904	92.29	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	253966	46.75	ng	# 84
3) Pyridine	3.38	79	692986	50.17	ng	86
4) n-Nitrosodimethylamine	3.34	42	401810	61.95	ng	82
6) Aniline	6.60	93	588437	33.35	ng	# 1
8) 2-Chlorophenol	6.73	128	583139	52.58	ng	93
9) Benzaldehyde	6.49	77	436444	47.10	ng	96
10) Phenol	6.60	94	916617	60.57	ng	79
11) bis(2-Chloroethyl)ether	6.68	93	676891	56.04	ng	97
12) 1,3-Dichlorobenzene	6.88	146	650747	50.10	ng	# 92
13) 1,4-Dichlorobenzene	6.96	146	699805	53.23	ng	97
14) 1,2-Dichlorobenzene	7.12	146	618321m	49.18	ng	
15) Benzyl Alcohol	7.08	79	536850	56.06	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	1075878	51.27	ng	98
17) 2-Methylphenol	7.21	107	537291	56.47	ng	98
18) Hexachloroethane	7.45	117	229073	51.04	ng	# 89
19) n-Nitroso-di-n-propylamine	7.36	70	440450	53.49	ng	94
20) 3+4-Methylphenols	7.36	107	607648	53.42	ng	# 76
22) Acetophenone	7.36	105	812624	60.79	ng	# 92
24) Nitrobenzene	7.53	77	655943	60.76	ng	98
25) Isophorone	7.77	82	1048691	53.53	ng	97
26) 2-Nitrophenol	7.85	139	310383	60.48	ng	87
27) 2,4-Dimethylphenol	7.89	122	526312	58.40	ng	94
28) bis(2-Chloroethoxy)methane	7.98	93	677877	52.25	ng	99
29) 2,4-Dichlorophenol	8.09	162	452759	53.87	ng	87
30) 1,2,4-Trichlorobenzene	8.17	180	473751	52.30	ng	94
31) Naphthalene	8.25	128	1504419	50.69	ng	99
32) Benzoic acid	7.89	122	526312	94.85	ng	# 9
33) 4-Chloroaniline	8.30	127	235954	20.27	ng	95
34) Hexachlorobutadiene	8.36	225	250274	50.22	ng	100
35) Caprolactam	8.68	113	143892m	54.43	ng	
36) 4-Chloro-3-methylphenol	8.80	107	463306	52.87	ng	99
37) 2-Methylnaphthalene	8.94	142	964542	50.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	453948	51.36	ng	99
40) Hexachlorocyclopentadiene	9.09	237	252207	63.25	ng	96

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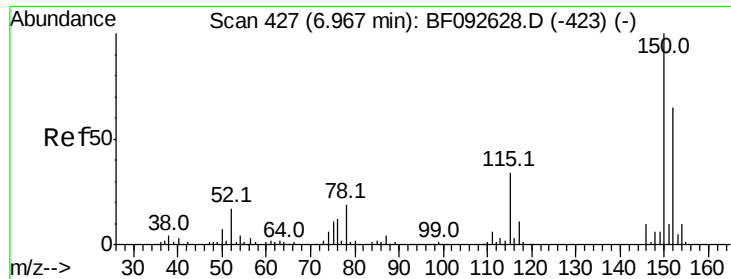
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	329839	56.79	nq	96
43) 2,4,5-Trichlorophenol	9.28	196	337619m	53.06	nq	
45) 1,1'-Biphenyl	9.41	154	1241135	54.44	nq	99
46) 2-Chloronaphthalene	9.44	162	948951	53.21	nq	98
47) 2-Nitroaniline	9.53	65	305739	50.99	nq	96
48) Acenaphthylene	9.85	152	1344427	43.64	nq	99
49) Dimethylphthalate	9.71	163	1180436	55.66	nq	99
50) 2,6-Dinitrotoluene	9.78	165	263563	57.55	nq	# 80
51) Acenaphthene	10.02	154	809222	43.93	nq	97
52) 3-Nitroaniline	9.94	138	162463	31.00	nq	100
53) 2,4-Dinitrophenol	10.04	184	6278	7.27	nq	# 51
54) Dibenzofuran	10.19	168	1209918	49.11	nq	95
55) 4-Nitrophenol	10.12	139	392916	104.08	nq	83
56) 2,4-Dinitrotoluene	10.18	165	339786	55.72	nq	# 84
57) Fluorene	10.53	166	939921	49.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	233232	54.94	nq	94
59) Diethylphthalate	10.41	149	1046862	52.38	nq	98
60) 4-Chlorophenyl-phenylether	10.52	204	403984	44.36	nq	92
61) 4-Nitroaniline	10.56	138	220564	41.09	nq	91
62) Azobenzene	10.68	77	1050826	50.89	nq	94
64) 4,6-Dinitro-2-methylphenol	10.58	198	38954	15.50	nq	# 52
65) n-Nitrosodiphenylamine	10.65	169	890670	59.17	nq	100
66) 4-Bromophenyl-phenylether	11.01	248	262598	53.34	nq	92
67) Hexachlorobenzene	11.08	284	262339	53.93	nq	# 93
68) Atrazine	11.17	200	286053	59.22	nq	96
69) Pentachlorophenol	11.28	266	220816	87.21	nq	98
70) Phenanthrene	11.49	178	1503785	55.70	nq	99
71) Anthracene	11.55	178	1391067	51.31	nq	97
72) Carbazole	11.70	167	1098125	42.38	nq	99
73) Di-n-butylphthalate	12.03	149	1505938	53.73	nq	# 95
74) Fluoranthene	12.68	202	1552711	55.76	nq	95
76) Benzidine	12.80	184	501198	41.10	nq	97
77) Pyrene	12.91	202	1482556	69.23	nq	100
79) Butylbenzylphthalate	13.52	149	528133	60.73	nq	100
80) Benzo(a)anthracene	14.10	228	1093019	62.45	nq	99
81) 3,3'-Dichlorobenzidine	14.05	252	267312	42.85	nq	97
82) Chrysene	14.13	228	981065	59.87	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	777531	65.38	nq	# 97
84) Di-n-octyl phthalate	14.69	149	1218734	62.93	nq	100
85) Indeno(1,2,3-cd)pyrene	17.04	276	1084861	85.47	nq	96
87) Benzo(b)fluoranthene	15.14	252	1050096m	49.69	nq	
88) Benzo(k)fluoranthene	15.17	252	975414m	53.46	nq	
89) Benzo(a)pyrene	15.51	252	995616	54.47	nq	98
90) Dibenzo(a,h)anthracene	17.05	278	867101	58.69	nq	97
91) Benzo(g,h,i)perylene	17.48	276	922817	61.83	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

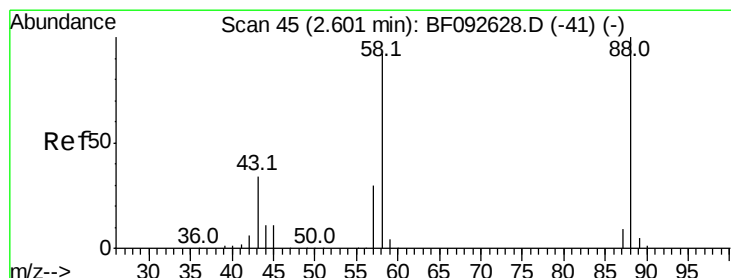
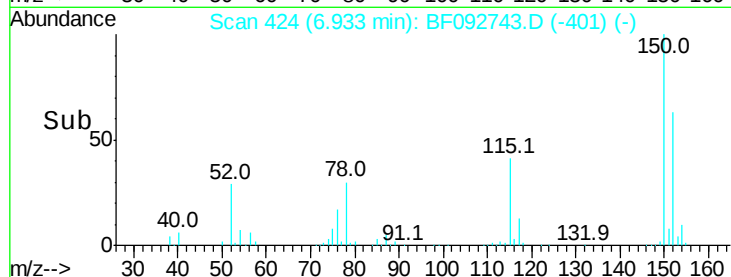
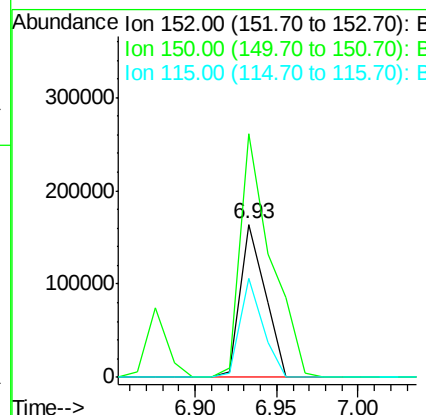
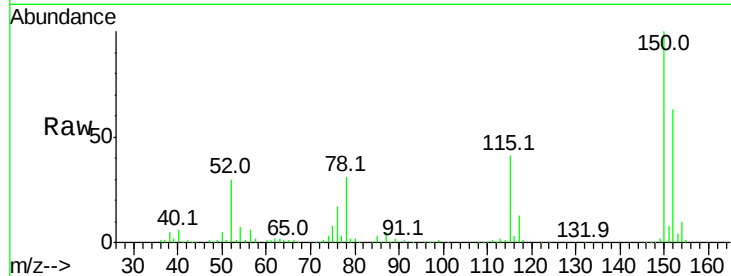
ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:	152	Resp:	172467
Ion Ratio	Lower	Upper	
152	100		
150	158.8	124.9	187.3
115	64.8	46.0	69.0

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#2

1,4-Dioxane

Concen: 46.75 ng

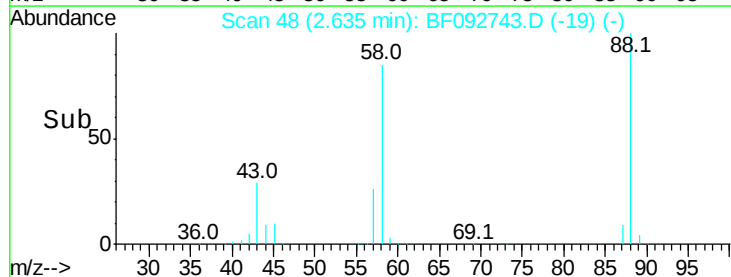
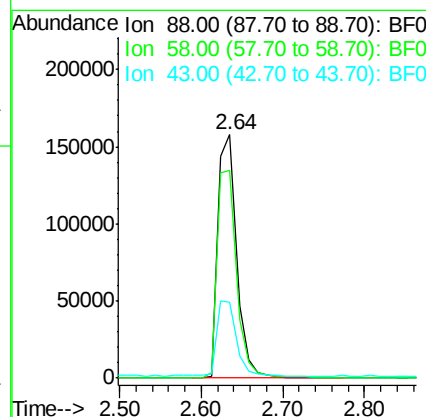
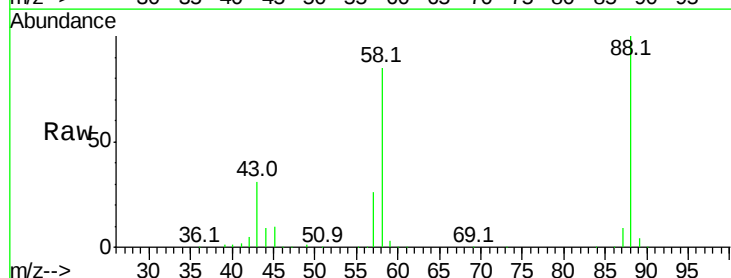
RT: 2.64 min Scan# 48

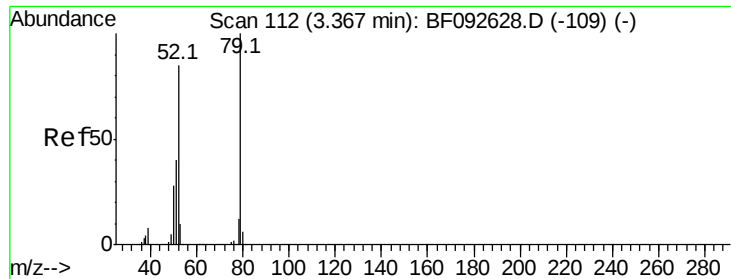
Delta R.T. 0.03 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Tgt Ion:	88	Resp:	253966
Ion Ratio	Lower	Upper	
88	100		
58	88.2	57.8	86.8#
43	32.6	22.3	33.5





#3

Pvridine

Concen: 50.17 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.01 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

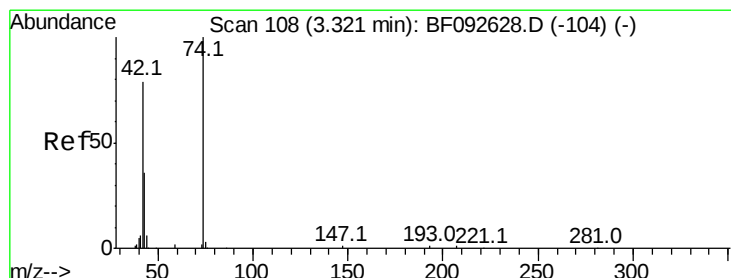
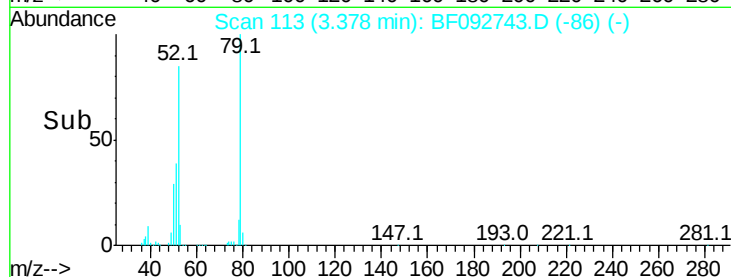
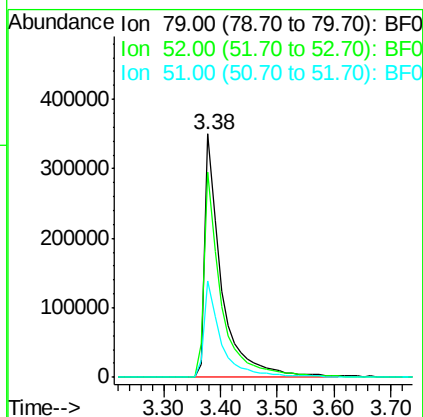
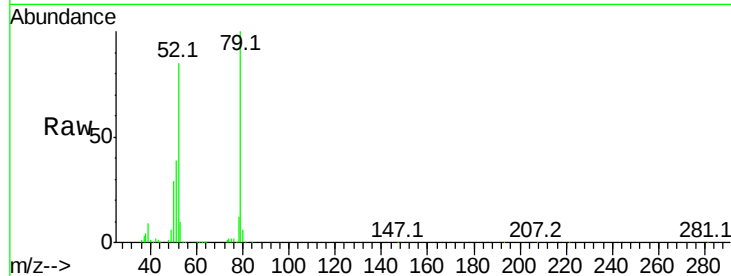
ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:	79	Resp:	692986
Ion Ratio	Lower	Upper	
79	100		
52	84.5	57.1	85.7
51	39.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 61.95 ng

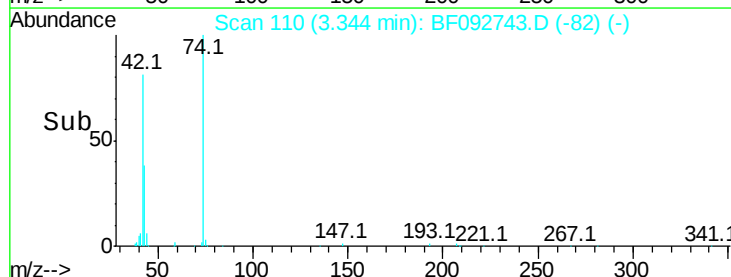
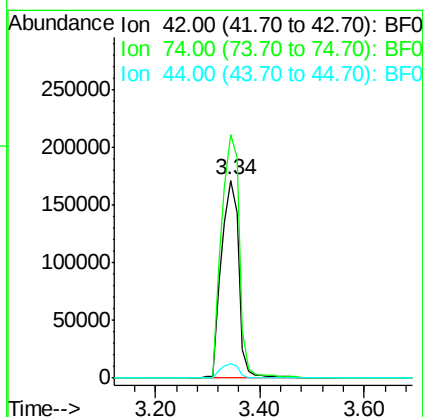
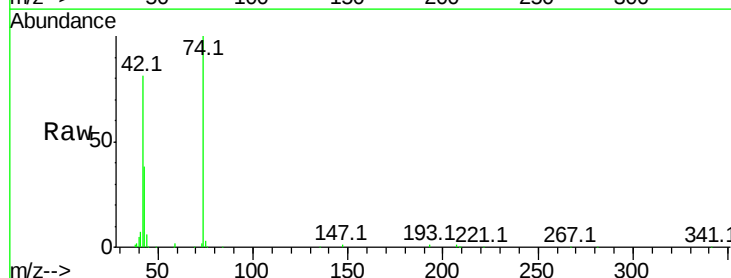
RT: 3.34 min Scan# 110

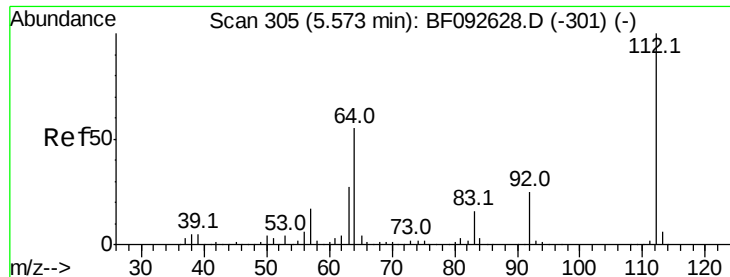
Delta R.T. 0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Tgt Ion:	42	Resp:	401810
Ion Ratio	Lower	Upper	
42	100		
74	123.2	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 165.15 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:112 Resp: 1660222

Ion Ratio Lower Upper

112 100

64 57.1 46.1 69.1

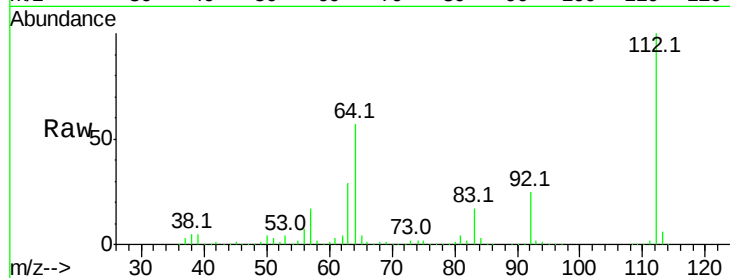
63 29.3 23.8 35.6

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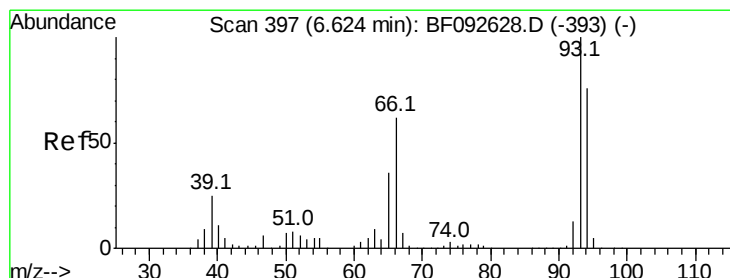
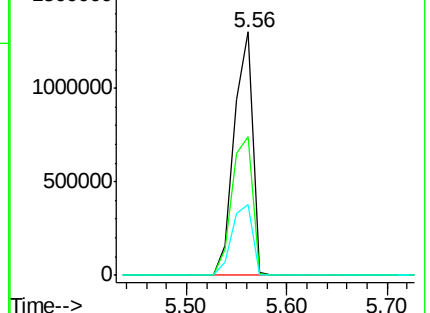
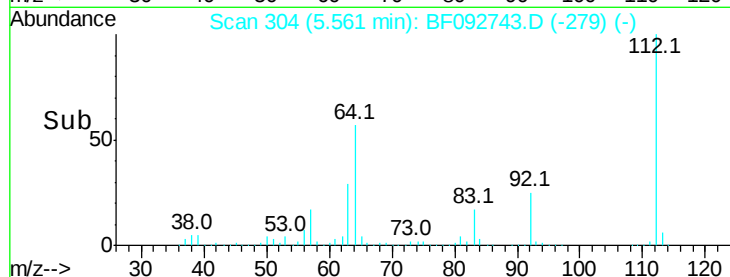
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 33.35 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

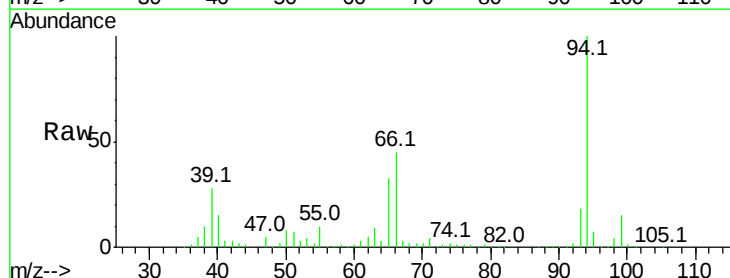
Tgt Ion: 93 Resp: 588437

Ion Ratio Lower Upper

93 100

66 250.1 76.2 114.2#

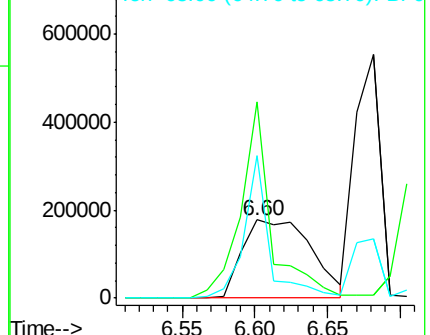
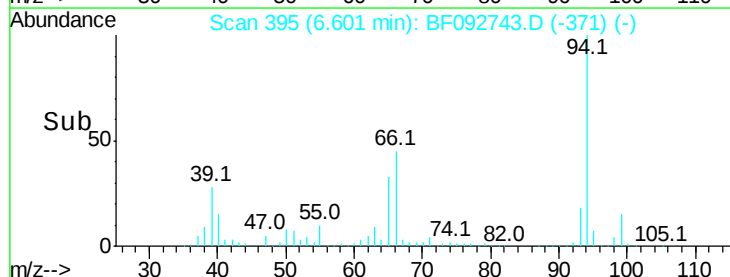
65 182.3 49.3 73.9#

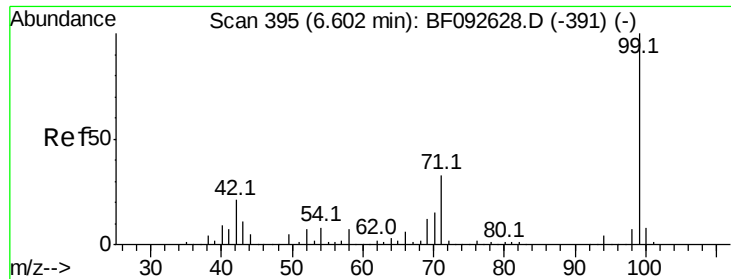


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 148.29 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion: 99 Resp: 1918106

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

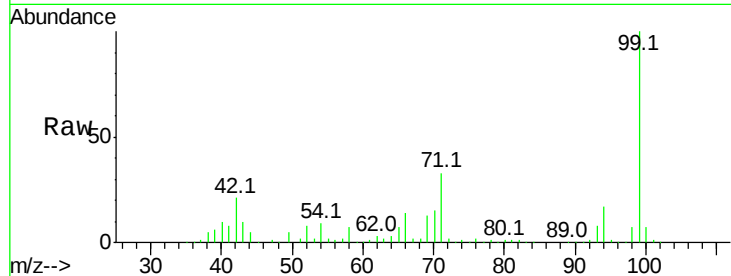
71 32.9 27.5 41.3

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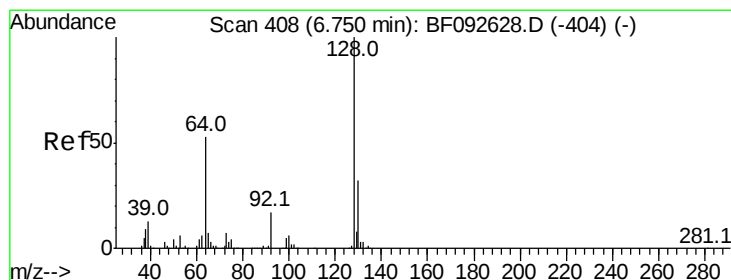
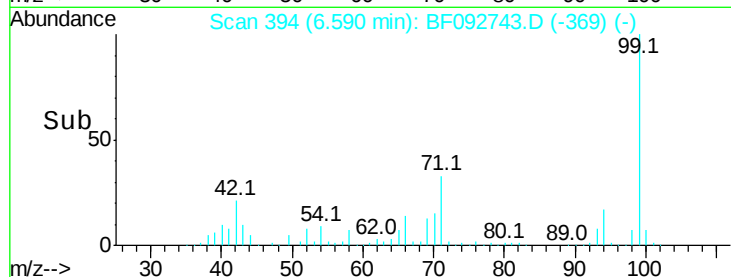
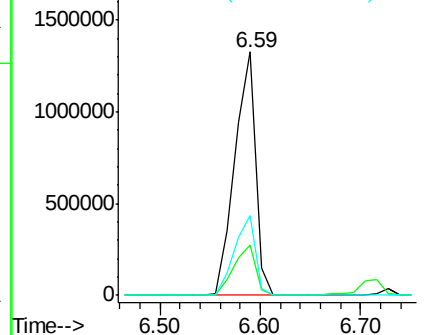
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 52.58 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

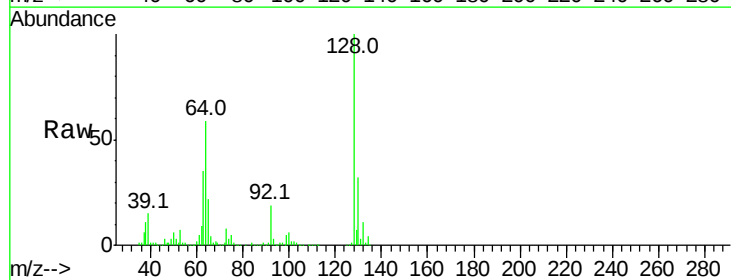
Tgt Ion:128 Resp: 583139

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

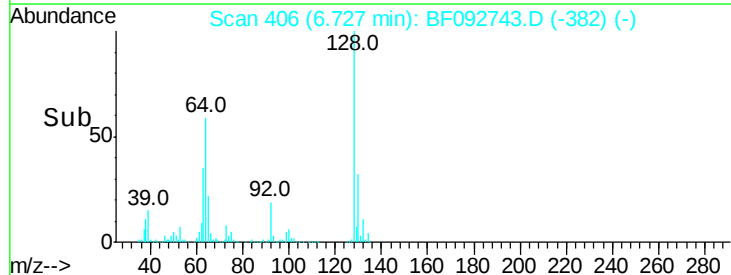
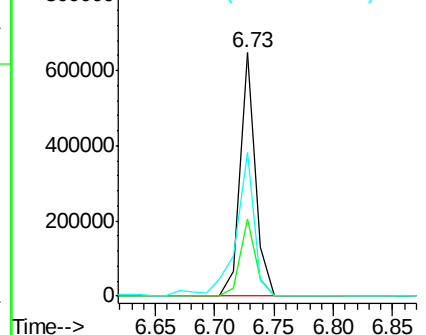
64 59.3 32.2 72.2

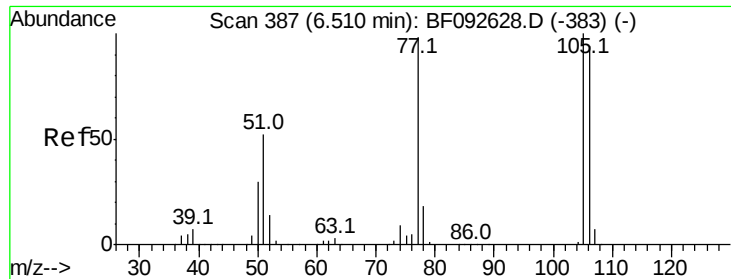


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 47.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

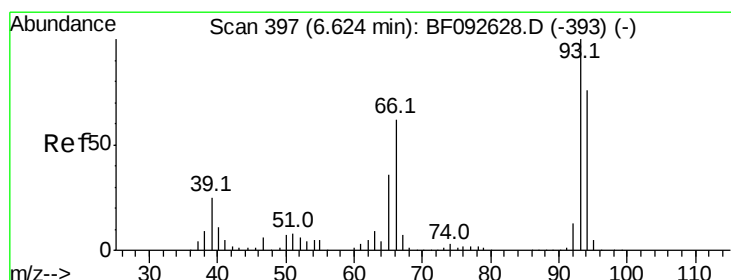
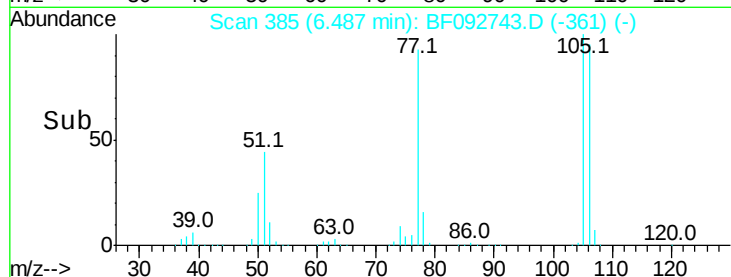
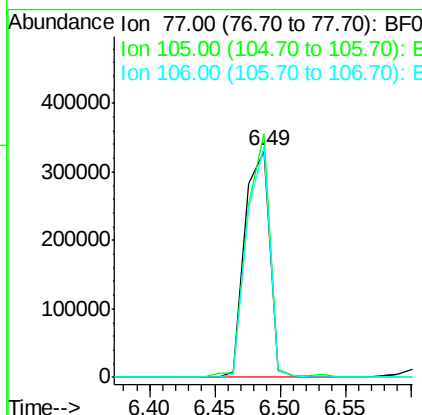
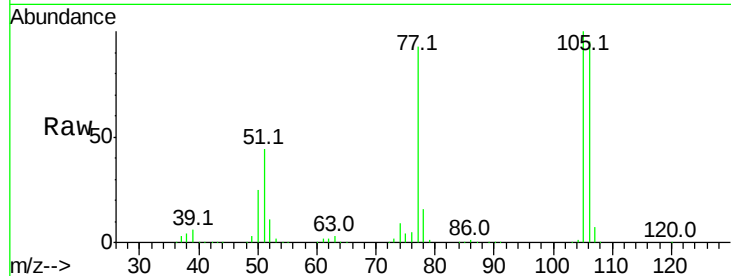
ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion: 77 Resp: 436444
 Ion Ratio Lower Upper
 77 100
 105 107.7 83.9 123.9
 106 102.2 77.6 117.6

Manual Integrations
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#10

Phenol

Concen: 60.57 ng

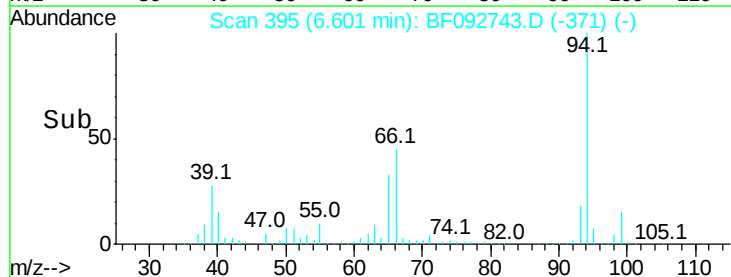
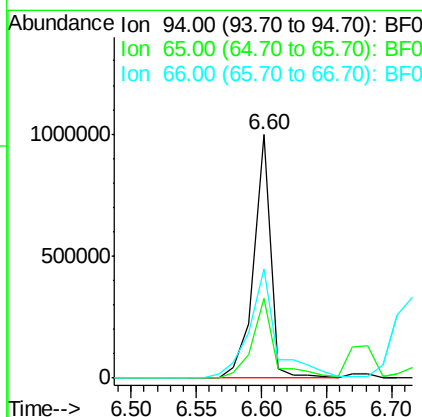
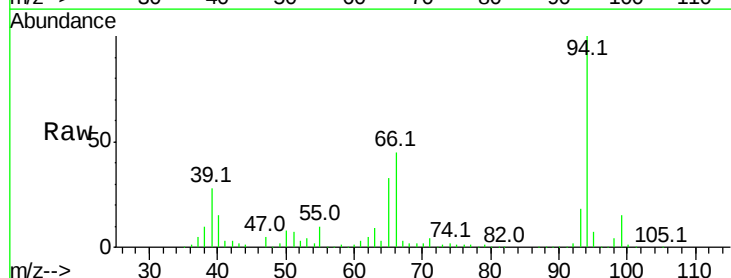
RT: 6.60 min Scan# 395

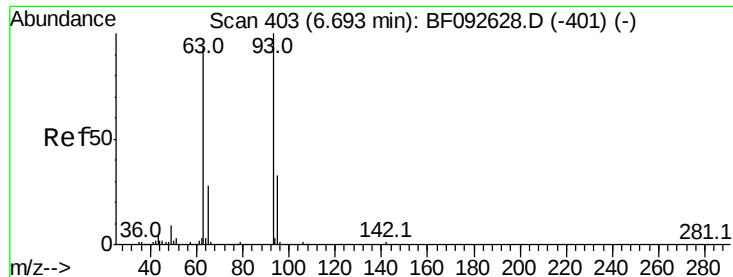
Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Tgt Ion: 94 Resp: 916617
 Ion Ratio Lower Upper
 94 100
 65 32.6 21.4 61.4
 66 44.7 44.0 84.0





#11

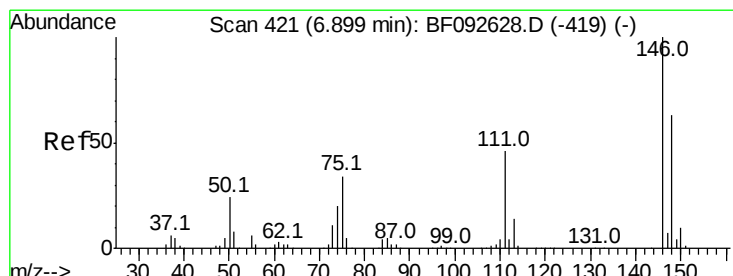
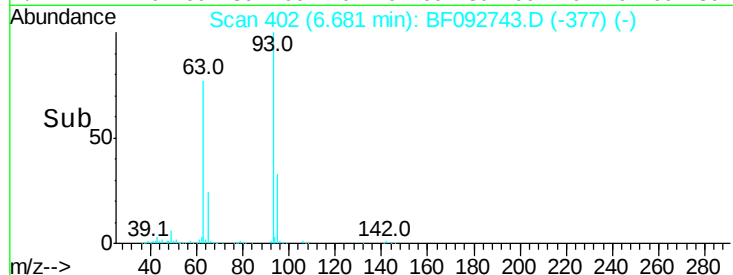
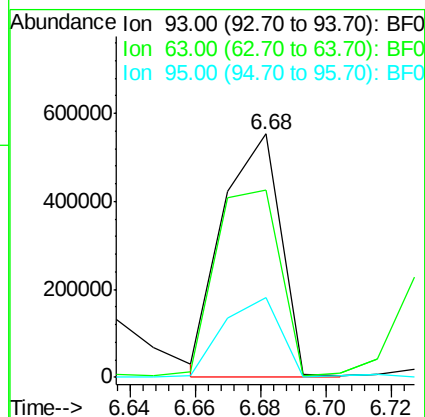
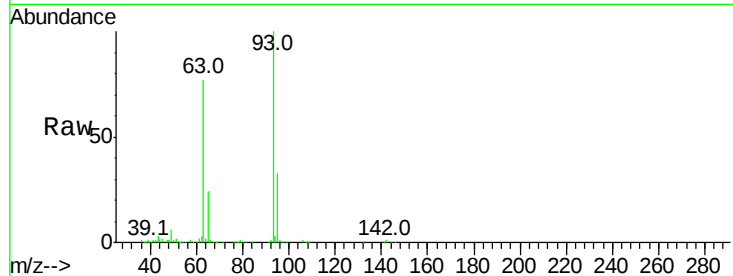
bis(2-Chloroethyl)ether
Concen: 56.04 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	93	Resp	676891
Ion Ratio	100	Lower	Upper
93	100		
63	76.7	60.4	100.4
95	32.6	12.8	52.8

Manual Integrations
APPROVED

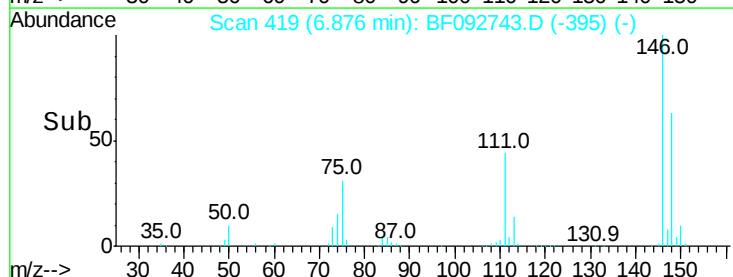
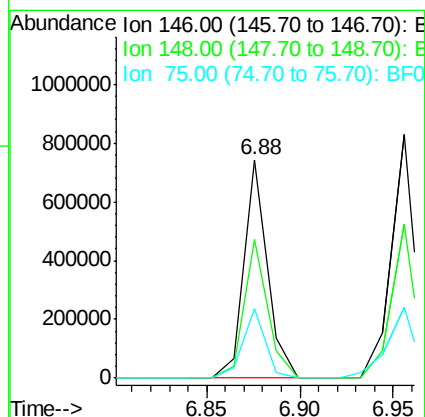
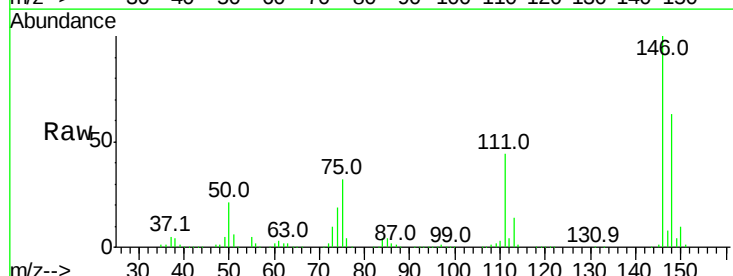
mohammad
2/3/2017 1:22:30 PM

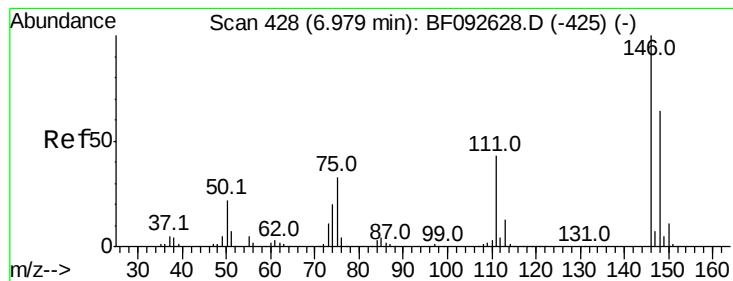


#12

1,3-Dichlorobenzene
Concen: 50.10 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	146	Resp	650747
Ion Ratio	100	Lower	Upper
146	100		
148	63.4	53.4	80.0
75	32.0	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 53.23 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

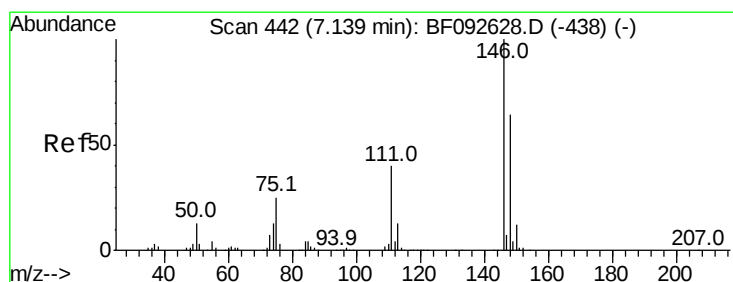
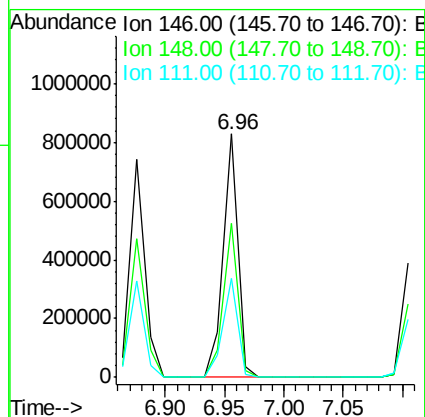
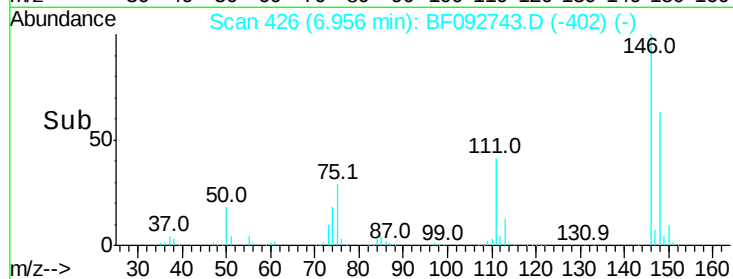
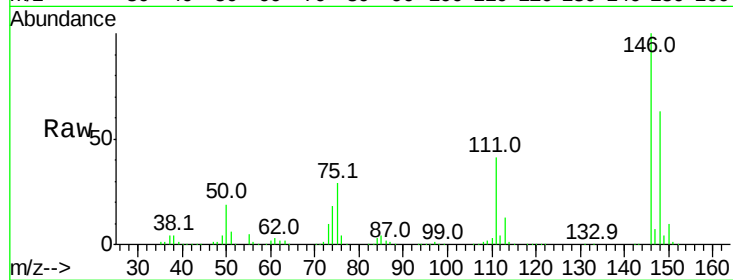
ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:	146	Resp:	699805
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	76.0
111	40.6	36.2	54.4

Manual Integrations
APPROVED

mohammad
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#14

1,2-Dichlorobenzene

Concen: 49.18 ng m

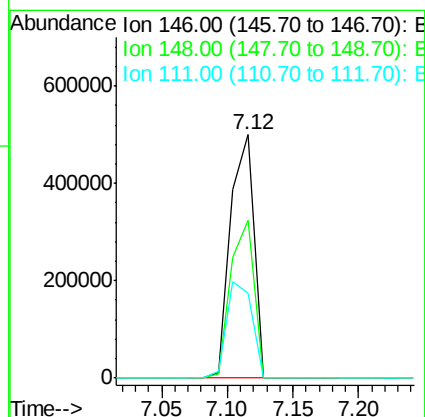
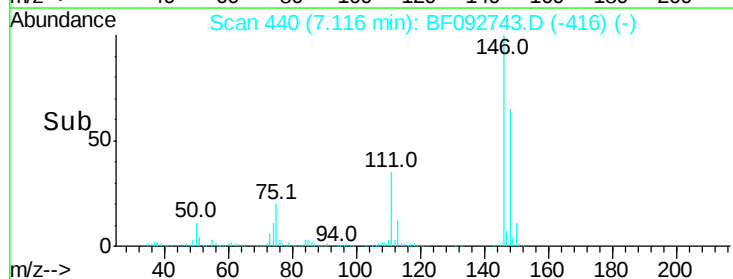
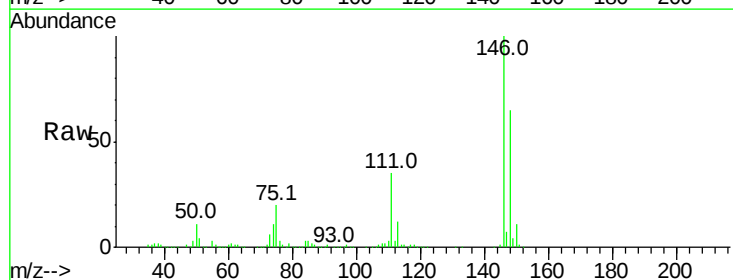
RT: 7.12 min Scan# 440

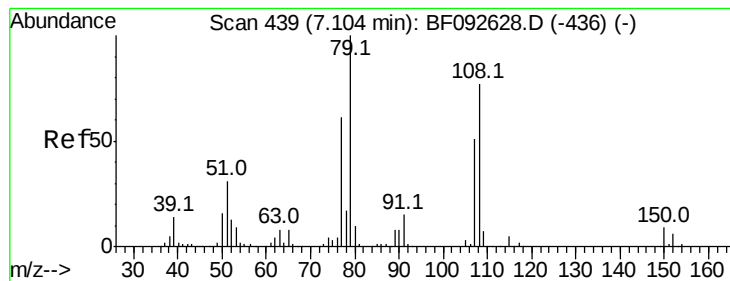
Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Tgt Ion:	146	Resp:	618321
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.2	78.2
111	35.0	36.2	54.2#





#15

Benzyl Alcohol

Concen: 56.06 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion: 79 Resp: 536850

Ion Ratio Lower Upper

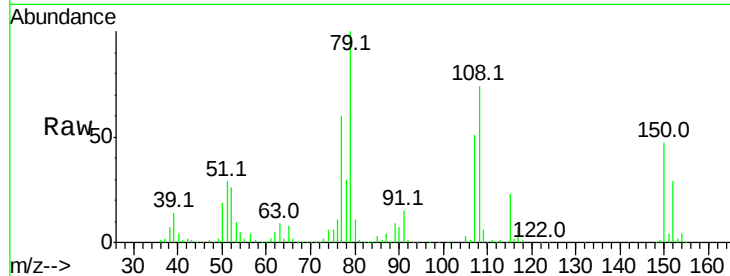
79 100

108 74.4 61.4 92.0

77 60.4 50.9 76.3

Manual Integrations
APPROVED

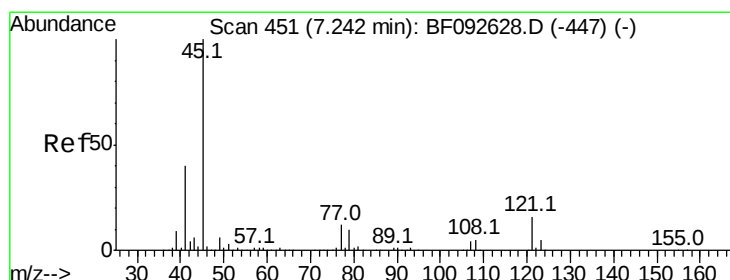
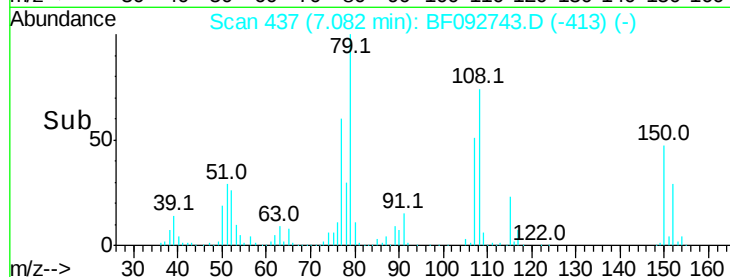
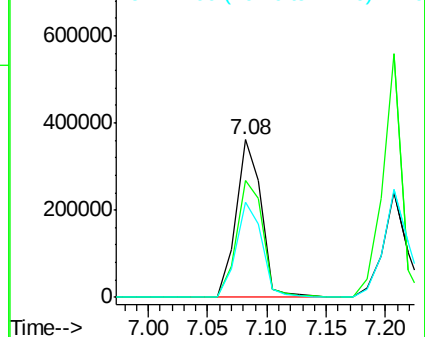
mohammad
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.27 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

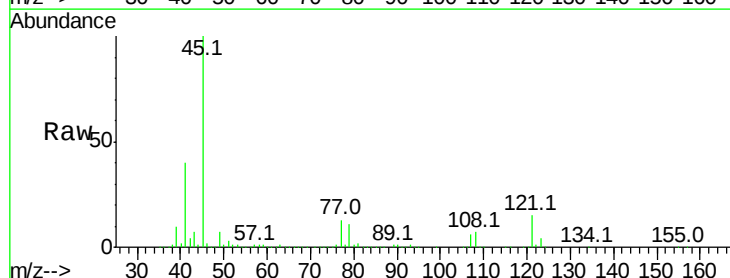
Tgt Ion: 45 Resp: 1075878

Ion Ratio Lower Upper

45 100

77 13.1 0.0 34.6

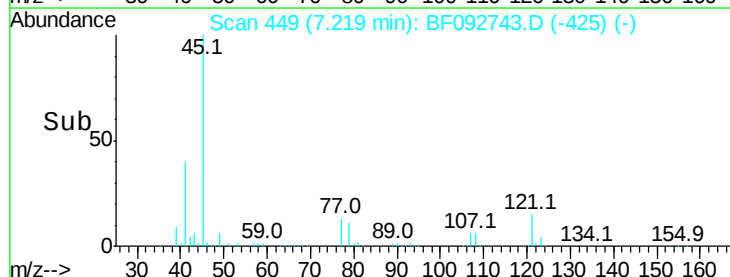
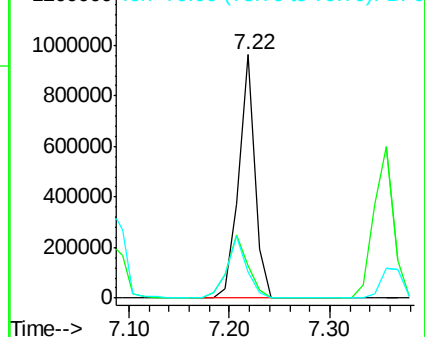
79 10.9 0.0 31.2

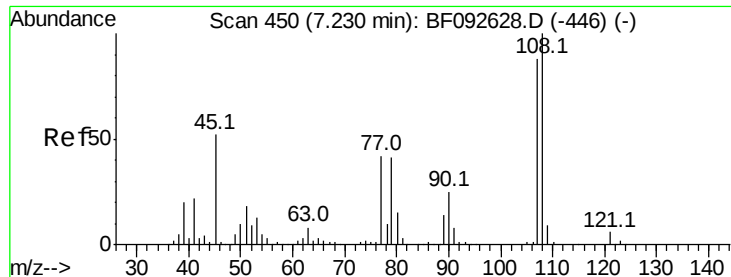


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





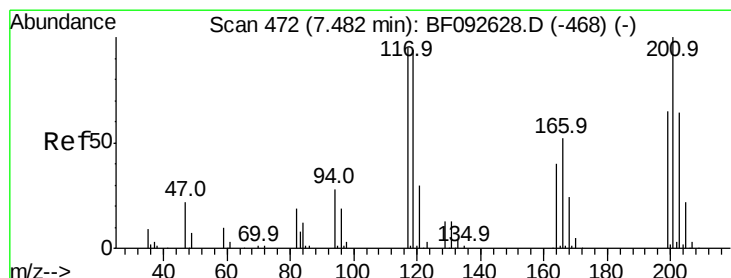
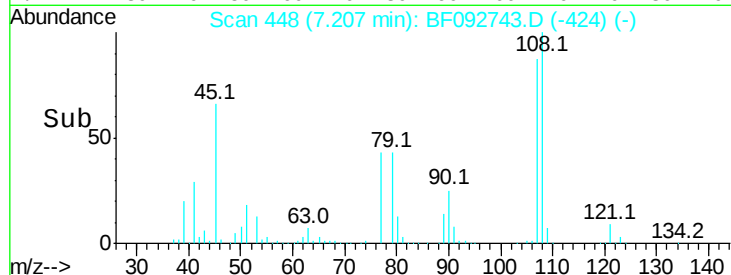
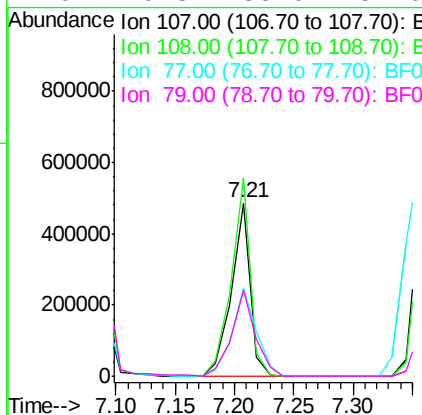
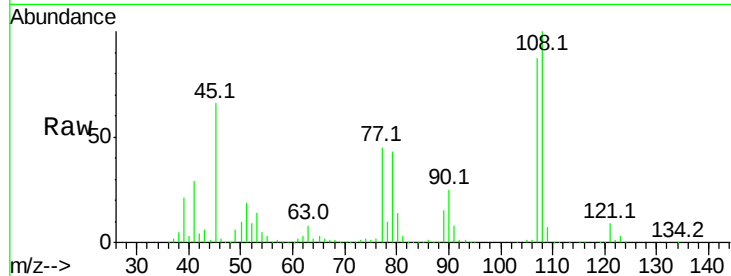
#17
2-Methylphenol
Concen: 56.47 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.0	139.6
77	51.1	39.8	59.8
79	49.8	38.0	57.0

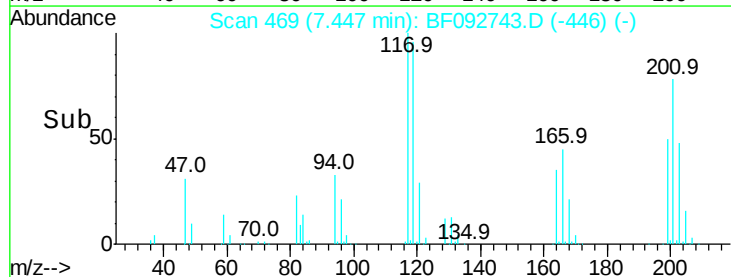
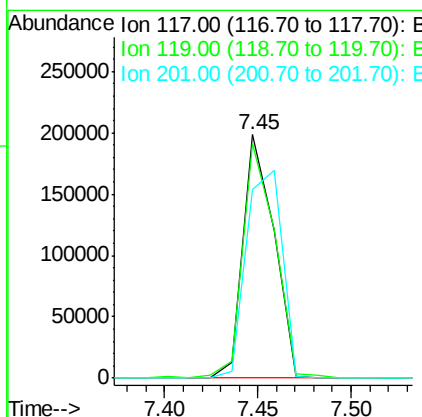
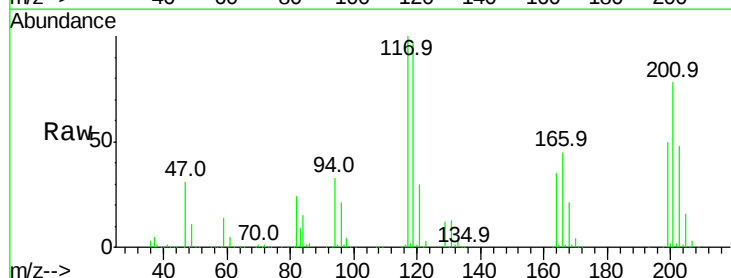
Manual Integrations
APPROVED

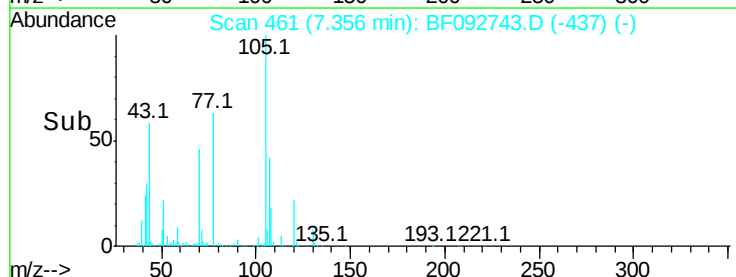
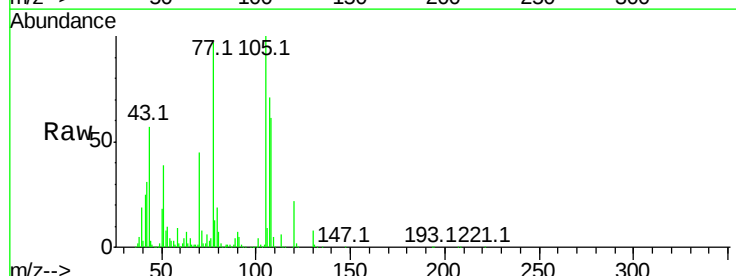
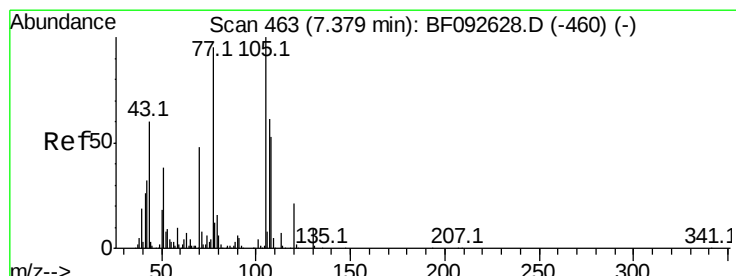
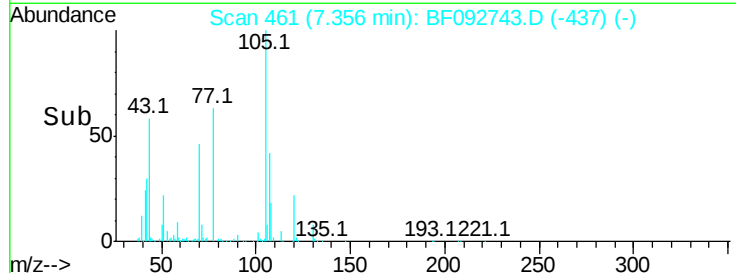
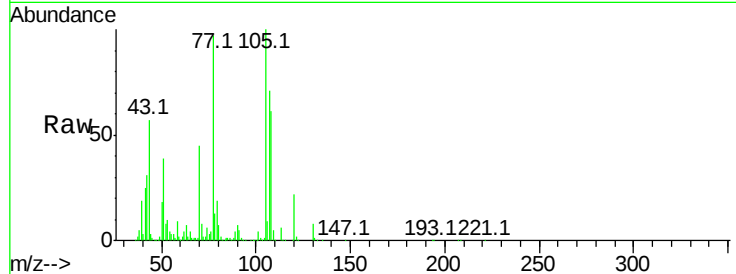
mohammad
2/3/2017 1:22:30 PM



#18
Hexachloroethane
Concen: 51.04 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.1	117.1
201	77.6	78.6	117.8#





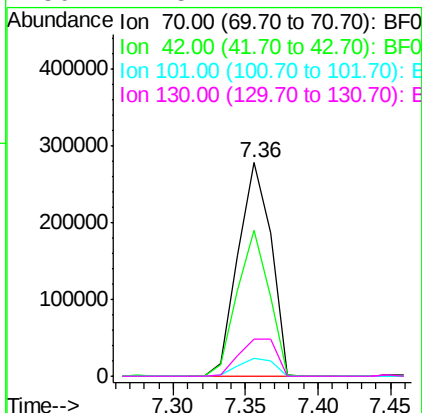
#19
n-Nitroso-di-n-propylamine
Concen: 53.49 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.2	49.4	74.0
101	8.6	7.4	11.2
130	17.5	14.2	21.4

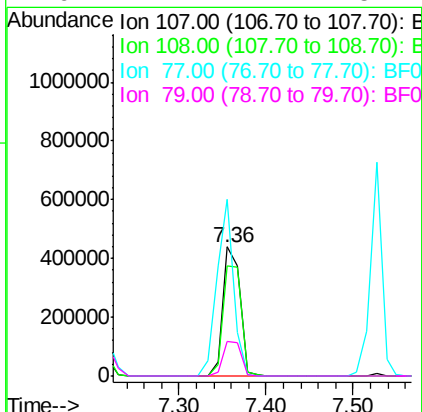
Manual Integrations
APPROVED

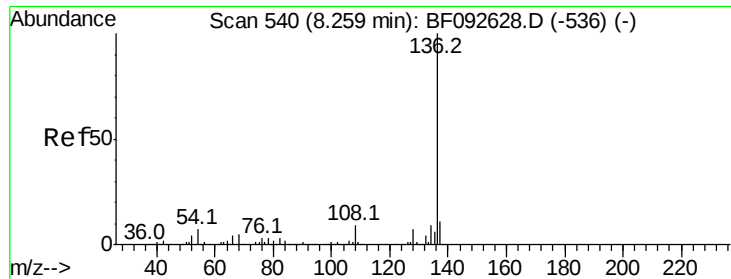
mohammad
2/3/2017 1:22:30 PM



#20
3+4-Methylphenols
Concen: 53.42 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	73.0	113.0
77	136.3	71.3	111.3#
79	27.2	11.1	51.1





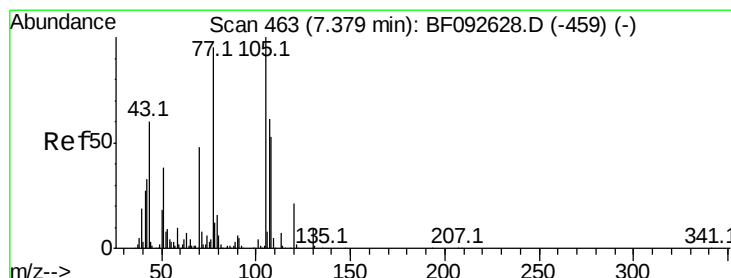
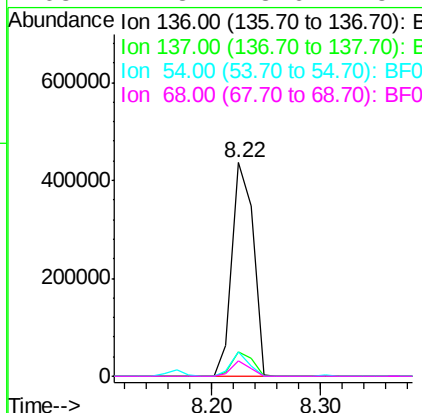
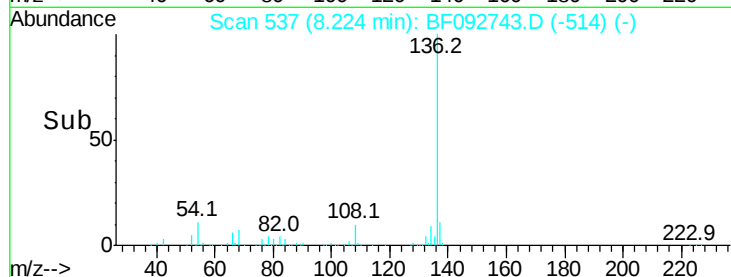
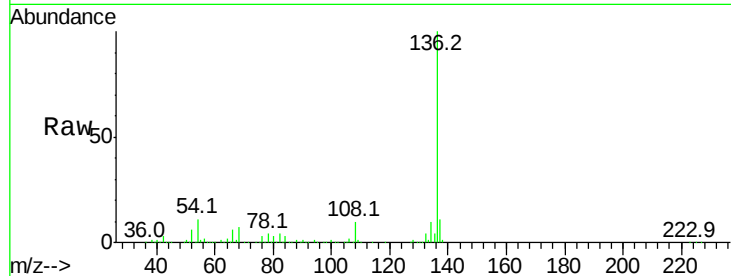
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	585454		
137	11.2		8.4	12.6
54	11.4		4.5	6.7#
68	7.3		3.6	5.4#

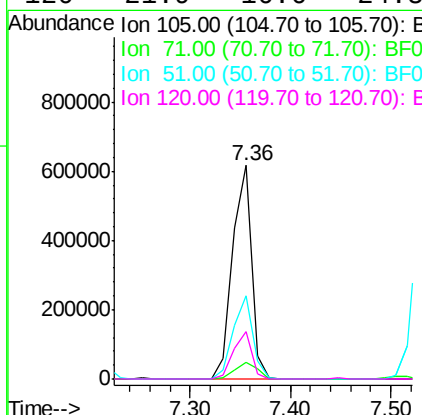
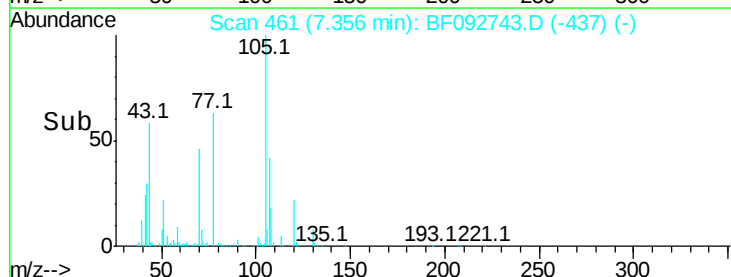
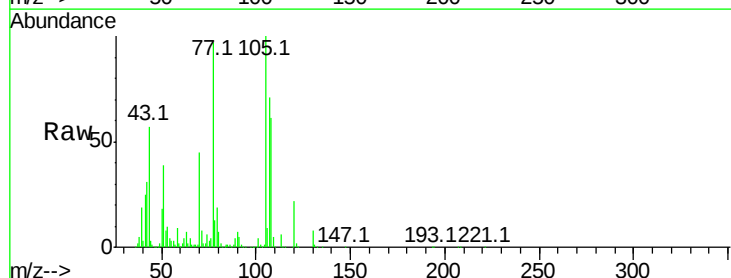
Manual Integrations
APPROVED

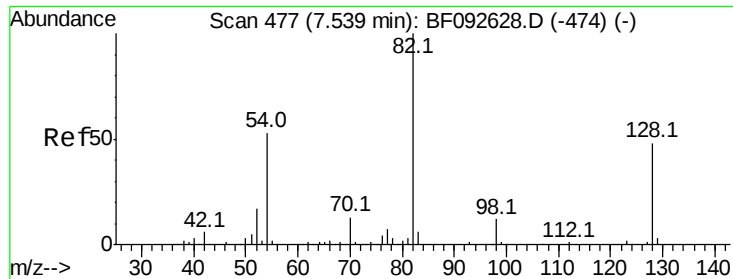
mohammad
2/3/2017 1:22:30 PM



#22
Acetophenone
Concen: 60.79 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	812624		
71	7.5		3.2	4.8#
51	39.1		26.2	39.4
120	21.9		16.6	24.8





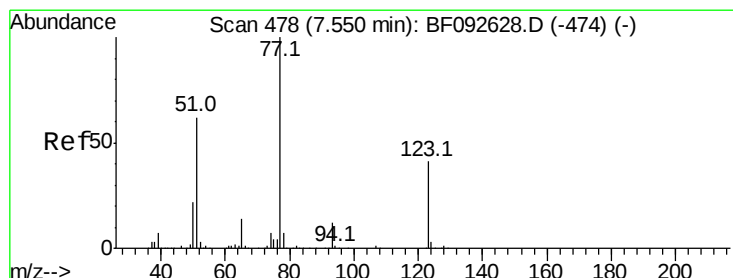
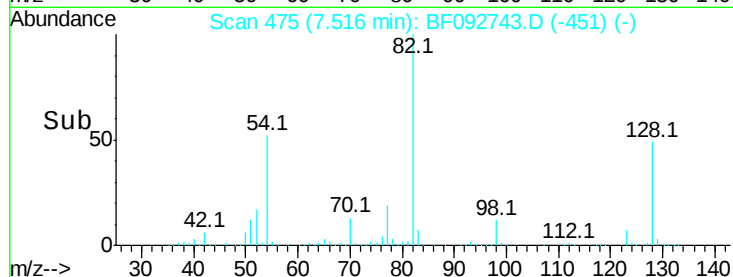
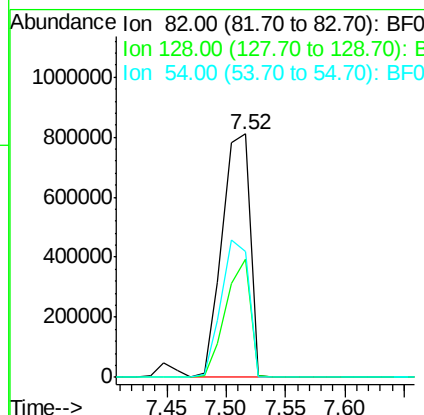
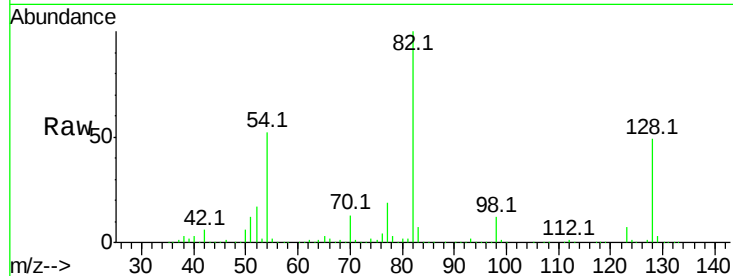
#23
Nitrobenzene-d5
Concen: 125.92 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.6	52.0
54	51.8	39.5	59.3

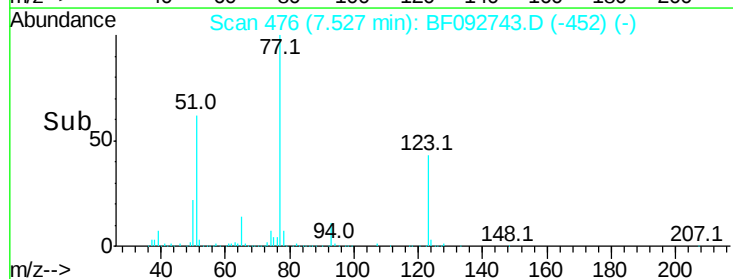
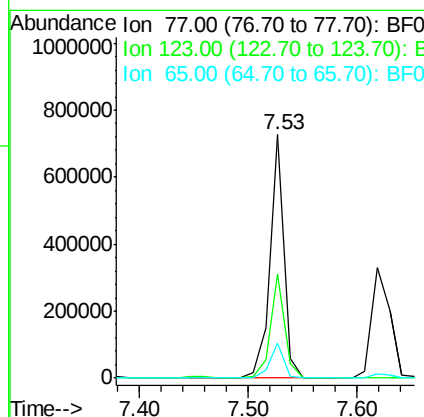
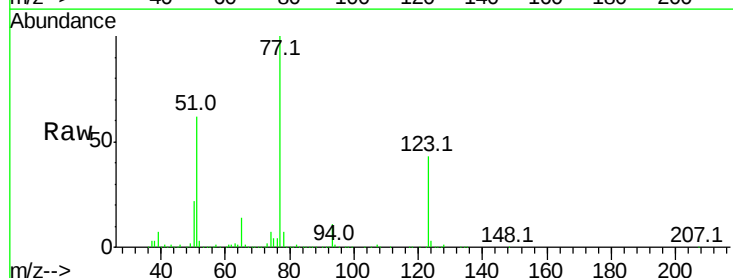
Manual Integrations
APPROVED

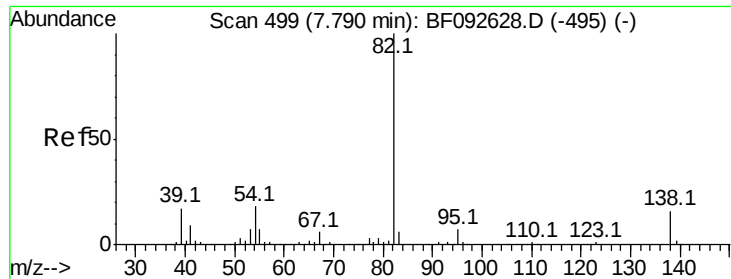
mohammad
2/3/2017 1:22:30 PM



#24
Nitrobenzene
Concen: 60.76 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	33.0	49.4
65	14.5	11.2	16.8





#25

Isophorone

Concen: 53.53 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion: 82 Resp: 1048691

Ion Ratio Lower Upper

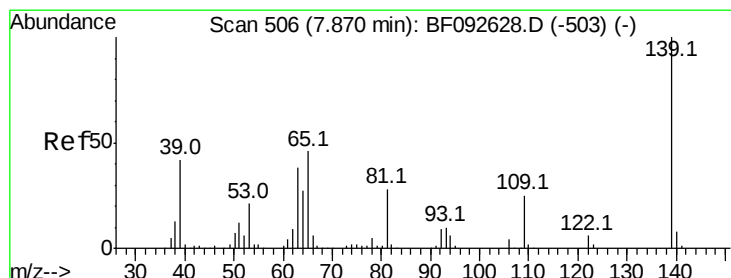
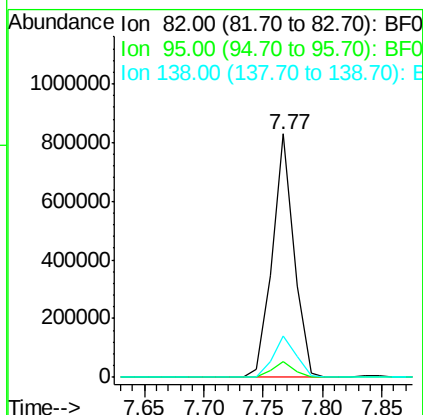
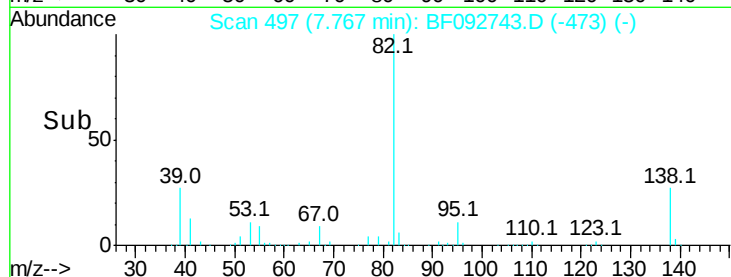
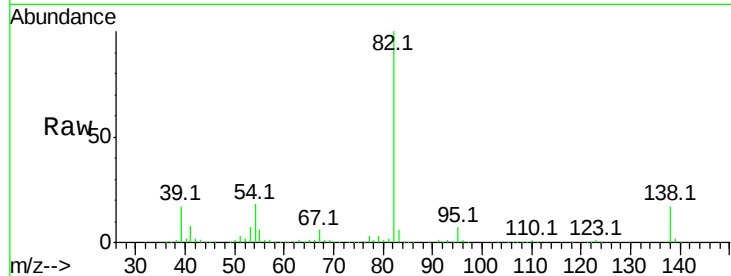
82 100

95 6.6 5.6 8.4

138 16.9 14.6 22.0

Manual Integrations
APPROVED

mohammad
2/3/2017 1:22:30 PM



#26

2-Nitrophenol

Concen: 60.48 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

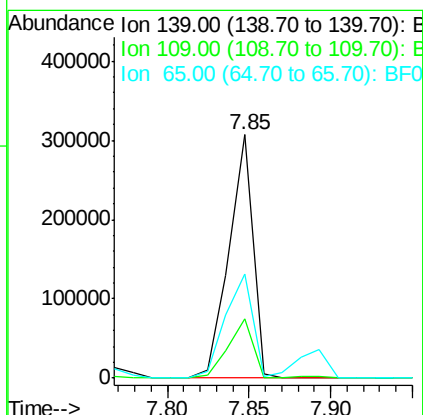
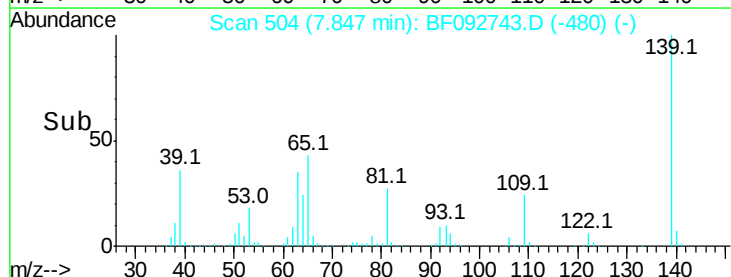
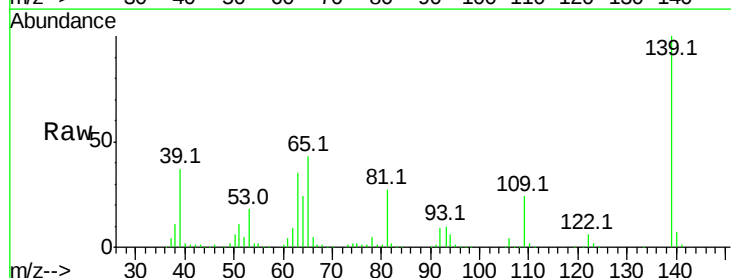
Tgt Ion: 139 Resp: 310383

Ion Ratio Lower Upper

139 100

109 24.5 23.3 34.9

65 42.8 42.7 64.1





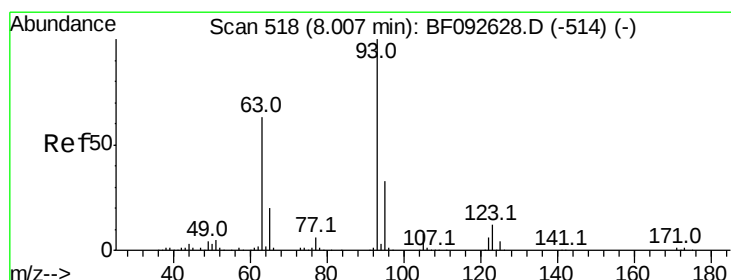
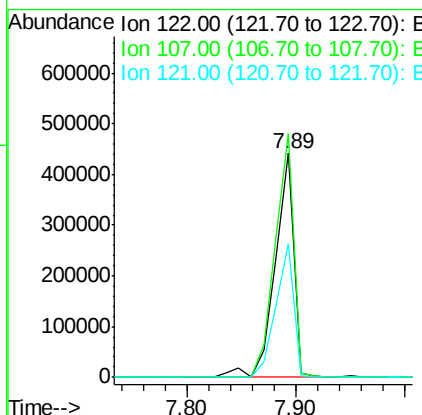
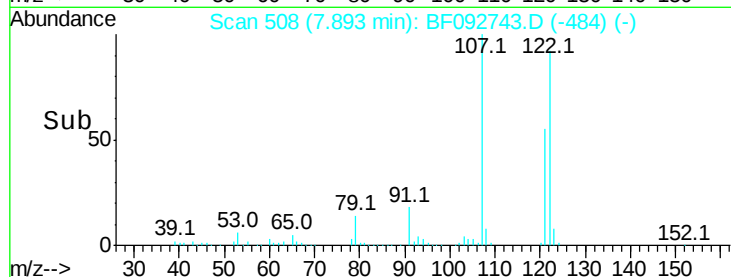
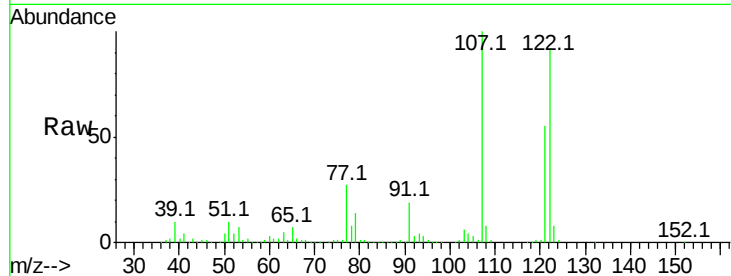
#27
2,4-Dimethylphenol
Concen: 58.40 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	526312		
107	108.6	94.1	141.1	
121	59.6	46.0	69.0	

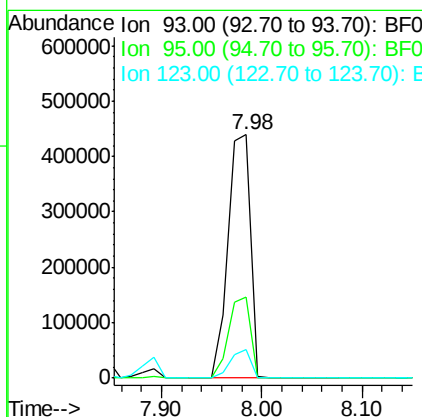
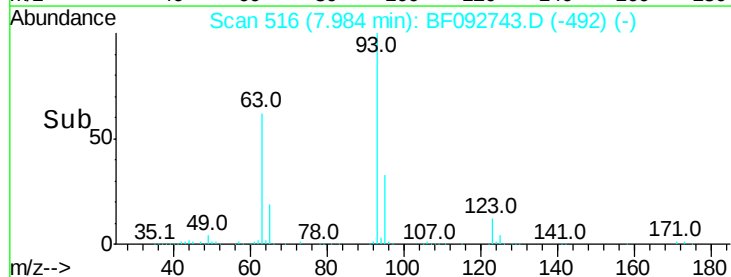
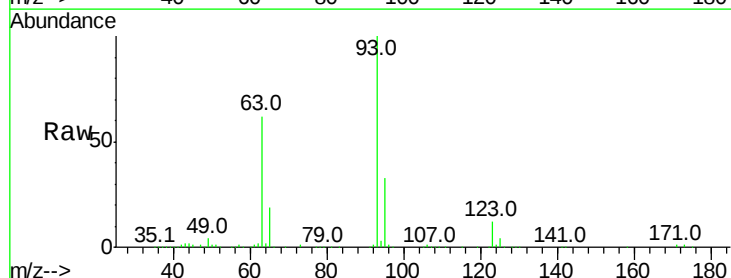
Manual Integrations
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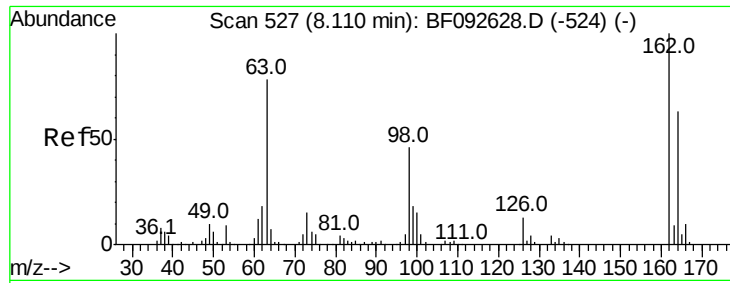
mohammad
2/3/2017 1:22:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 52.25 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	677877		
95	33.3	26.5	39.7	
123	11.8	8.6	13.0	





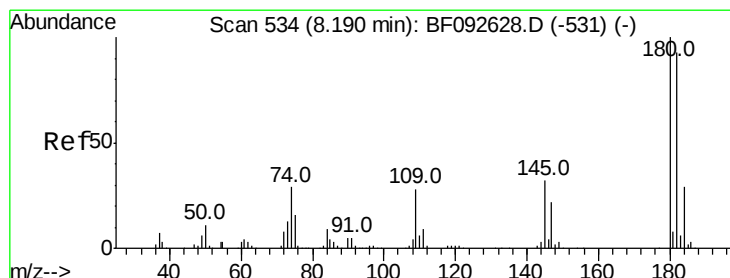
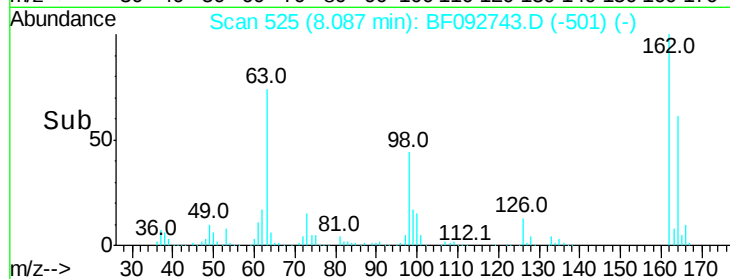
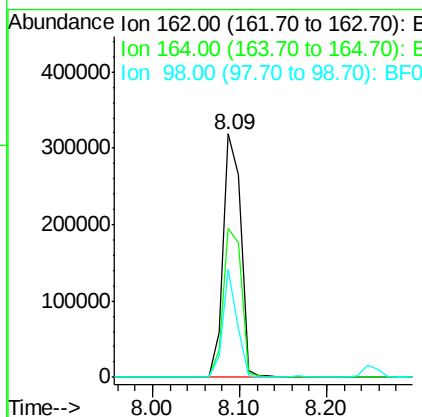
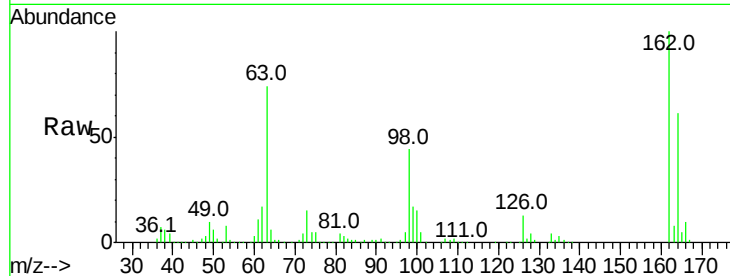
#29
2,4-Dichlorophenol
Concen: 53.87 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	61.3	46.8	86.8
98	44.3	9.1	49.1

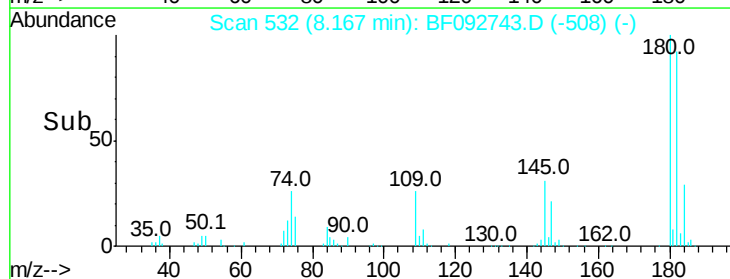
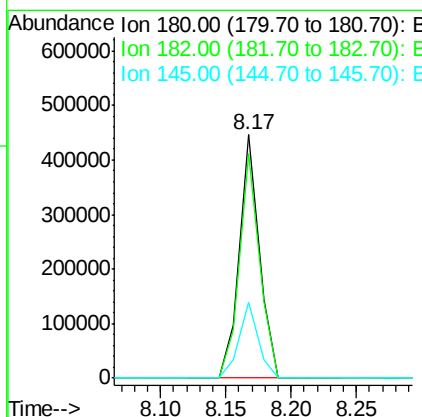
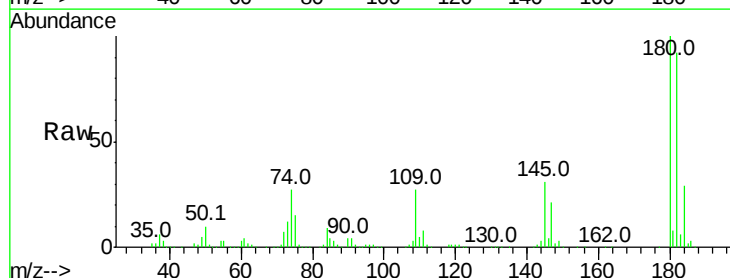
Manual Integrations
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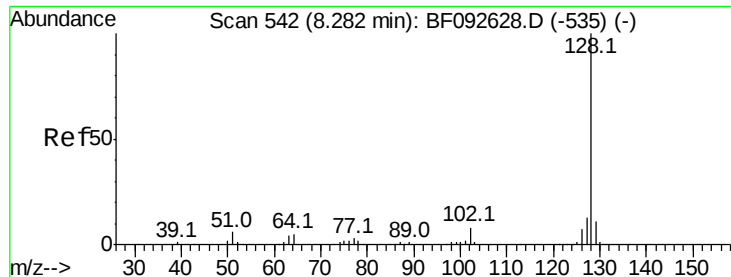
mohammad
2/3/2017 1:22:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 52.30 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.4	78.2	117.4
145	31.3	21.6	32.4





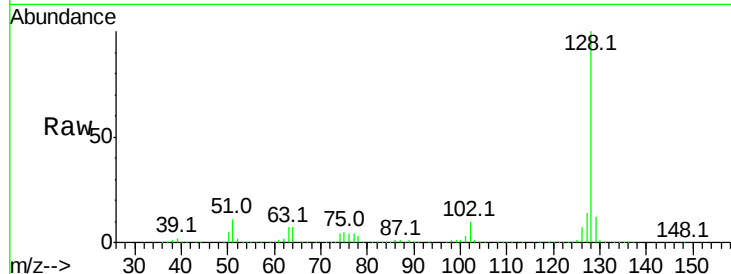
#31
Naphthalene
Concen: 50.69 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

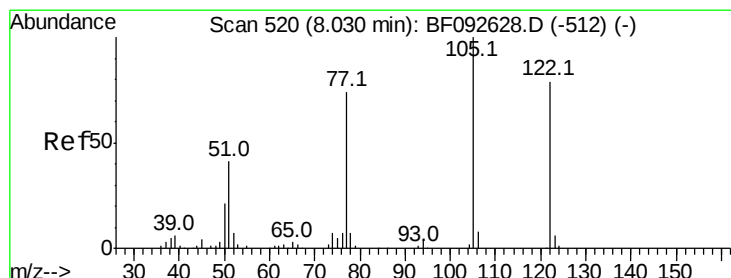
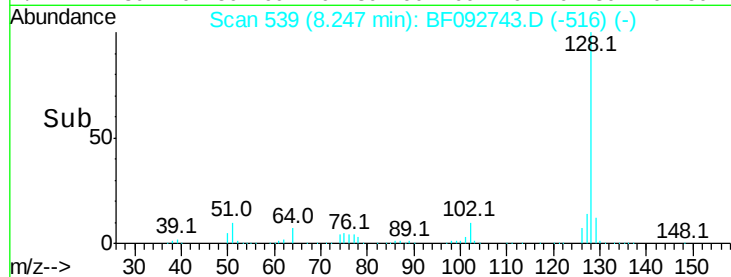
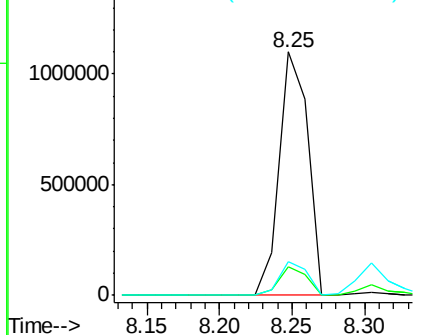
Tot Ion:128 Resp: 1504419
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.8 10.8 16.2

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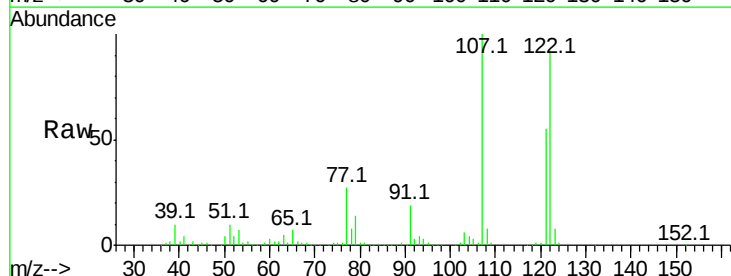


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

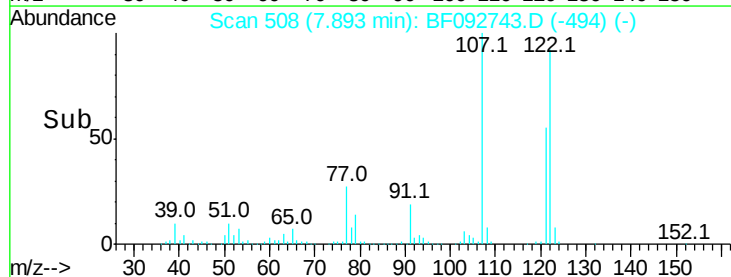
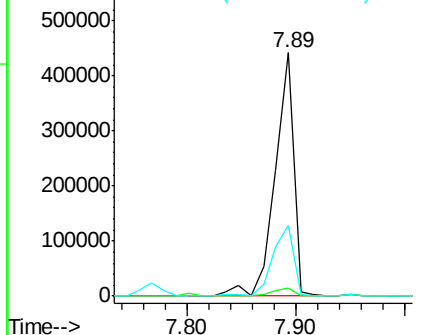


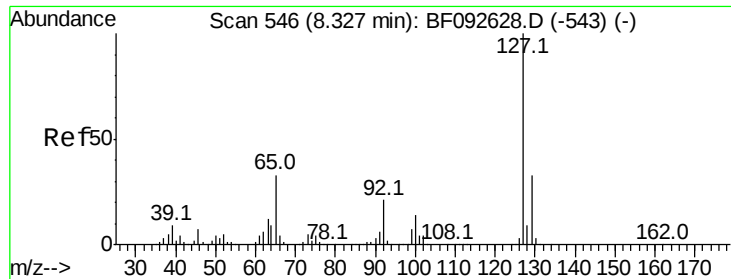
#32
Benzoic acid
Concen: 94.85 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.14 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion:122 Resp: 526312
Ion Ratio Lower Upper
122 100
105 3.5 107.2 147.2#
77 29.1 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





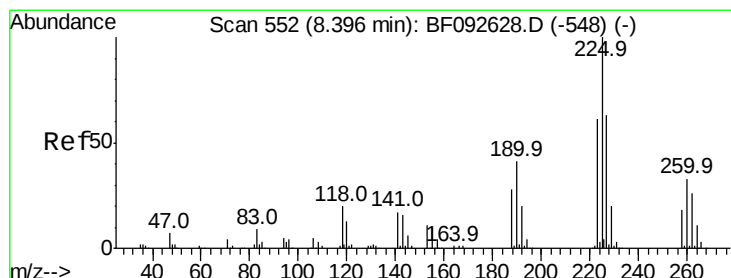
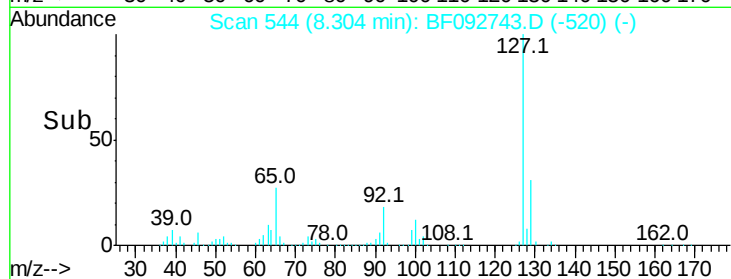
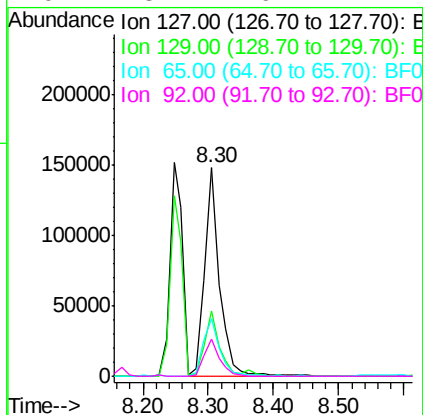
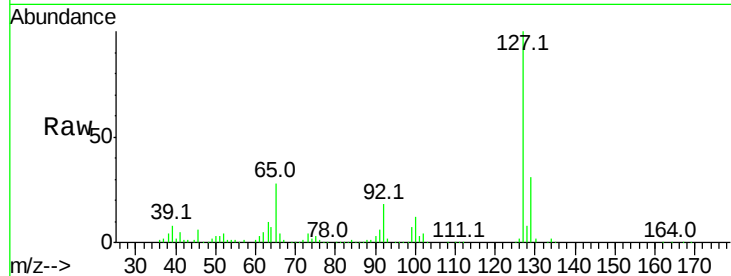
#33
4-Chloroaniline
Concen: 20.27 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100	235954		
129	31.3		26.3	39.5
65	27.6		25.8	38.8
92	18.1		16.1	24.1

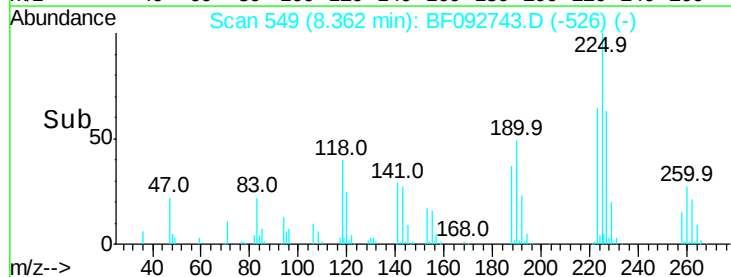
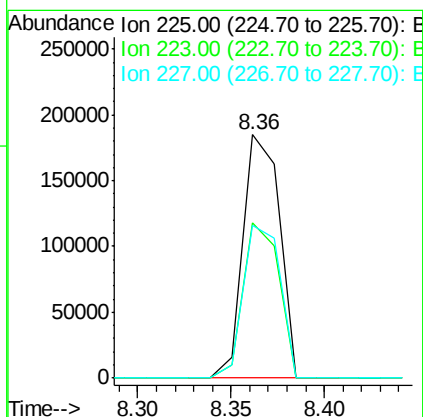
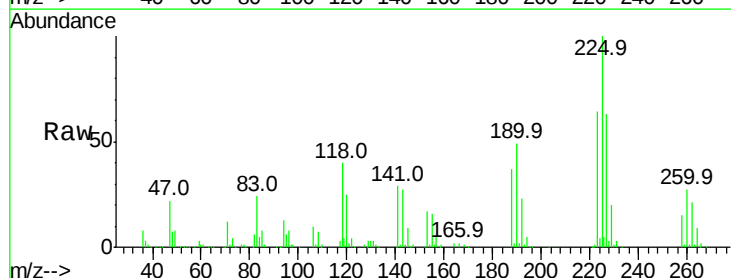
Manual Integrations
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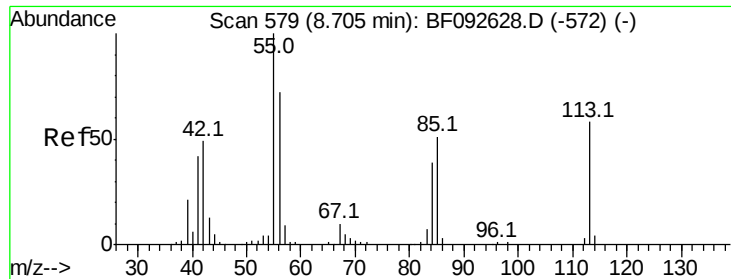
mohammad
2/3/2017 1:22:30 PM



#34
Hexachlorobutadiene
Concen: 50.22 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	250274		
223	63.8		51.0	76.6
227	62.8		50.6	76.0





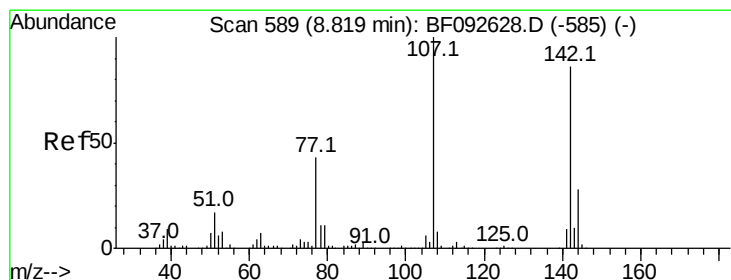
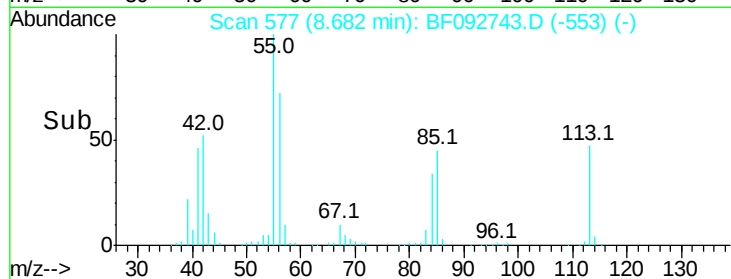
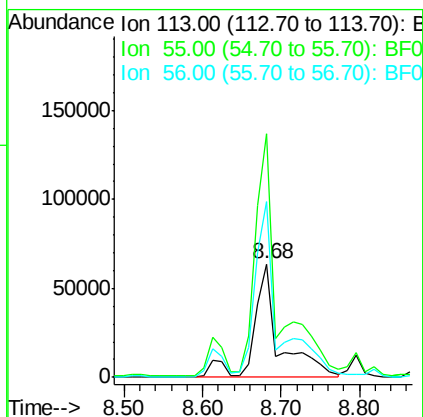
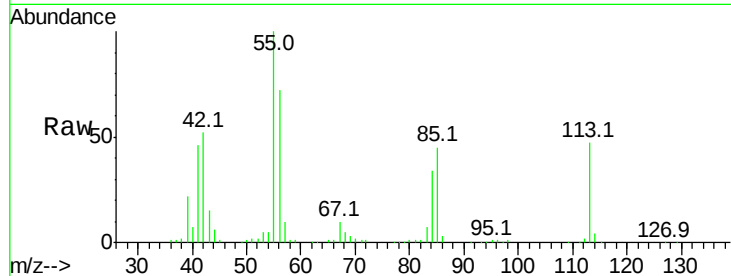
#35
 Caprolactam
 Concen: 54.43 ng/ml
 RT: 8.68 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion:113 Resp: 143892
 Ion Ratio Lower Upper
 113 100
 55 214.5 119.2 159.2#
 56 154.3 83.8 123.8#

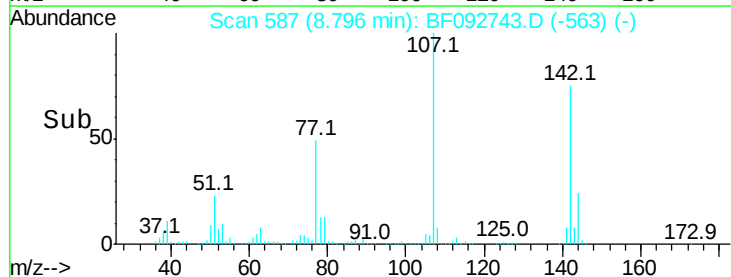
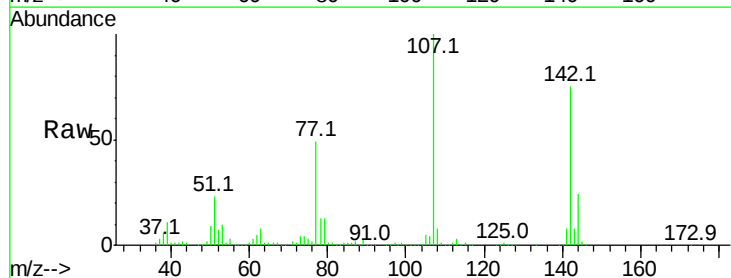
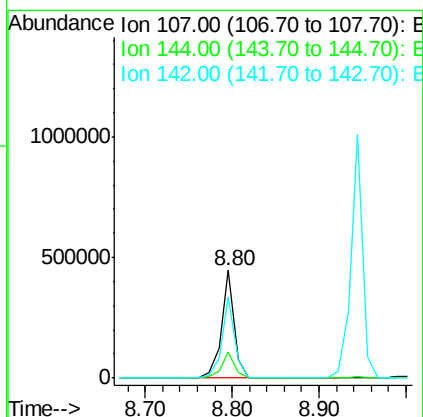
Manual Integrations
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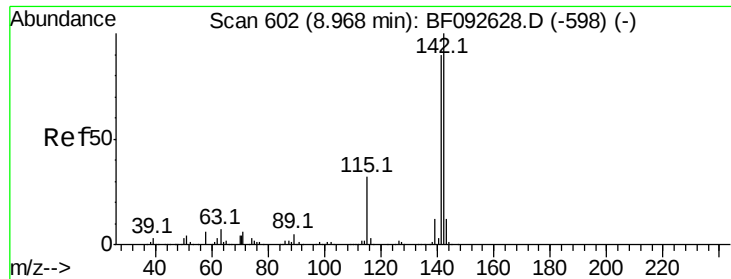
mohammad
 2/3/2017 1:22:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 52.87 ng/ml
 RT: 8.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

Tgt Ion:107 Resp: 463306
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.3 28.9
 142 75.3 59.0 88.6





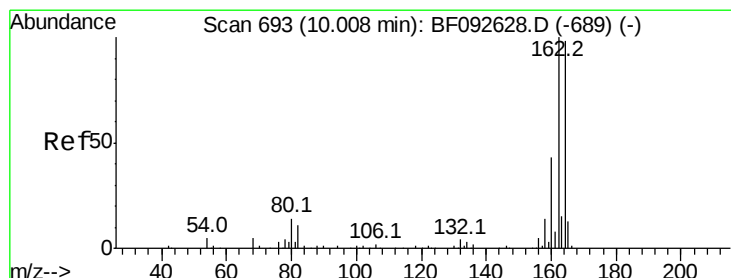
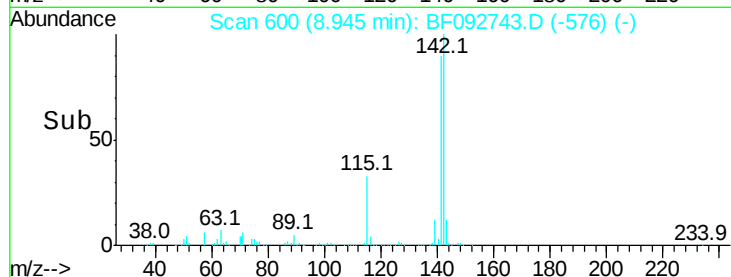
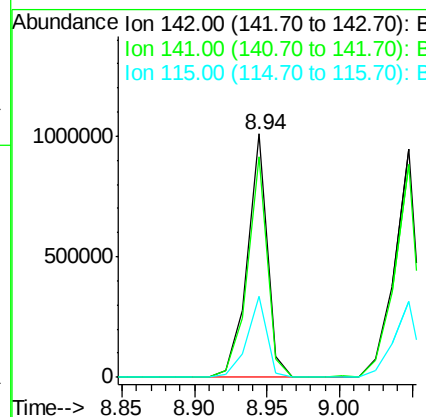
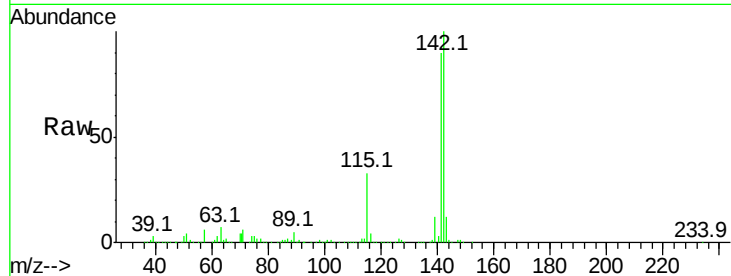
#37
2-Methylnaphthalene
Concen: 50.62 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	33.4	28.3	42.5

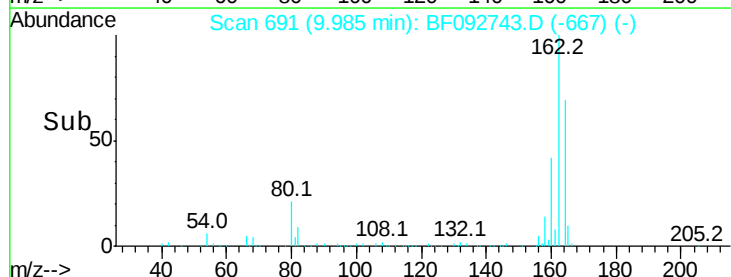
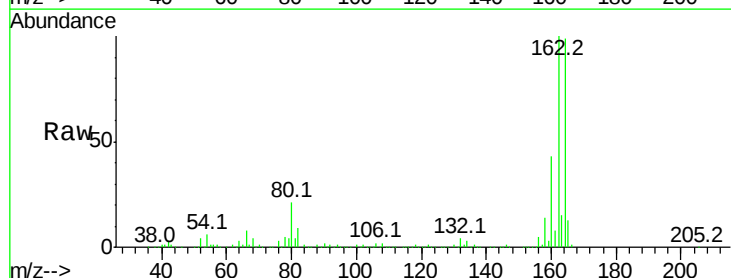
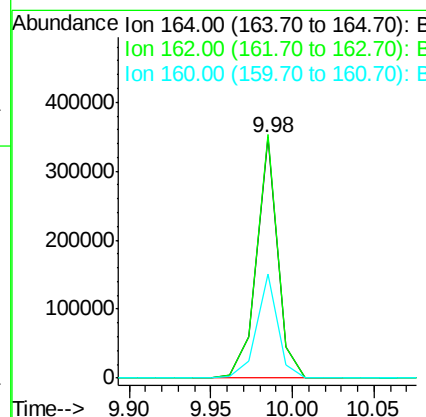
Manual Integrations
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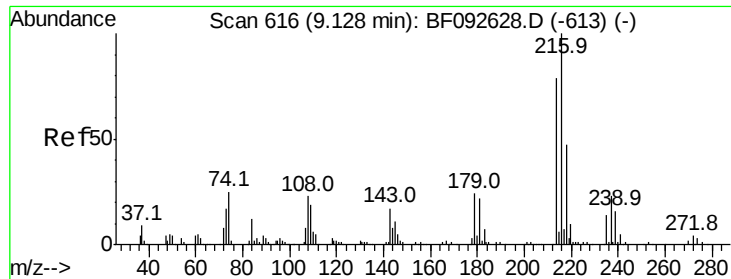
mohammad
2/3/2017 1:22:30 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	43.0	36.9	55.3





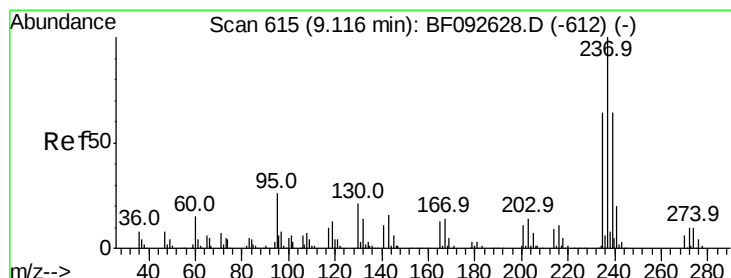
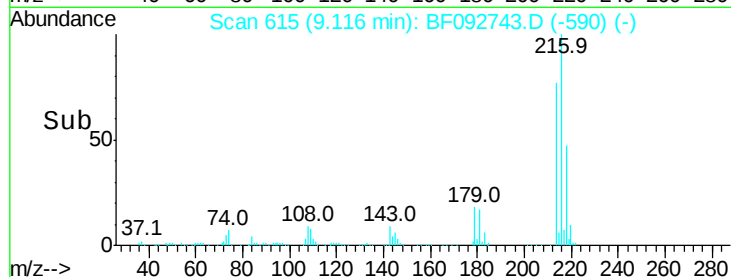
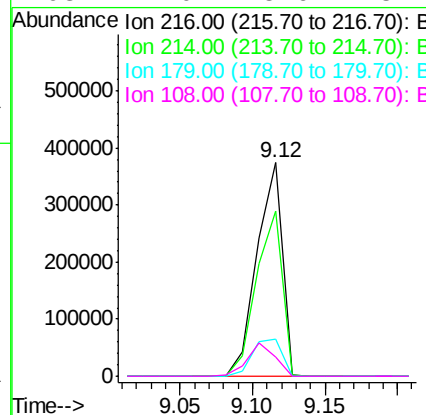
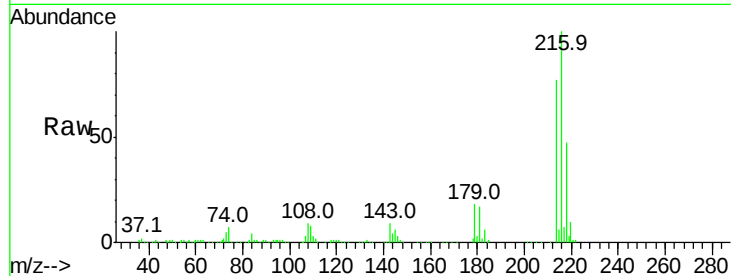
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.36 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.3	63.4	95.0
179	20.5	17.4	26.2
108	17.0	15.6	23.4

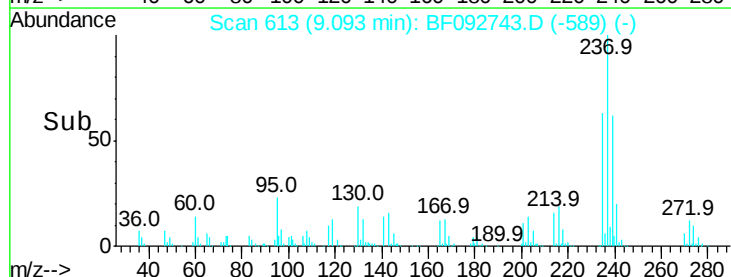
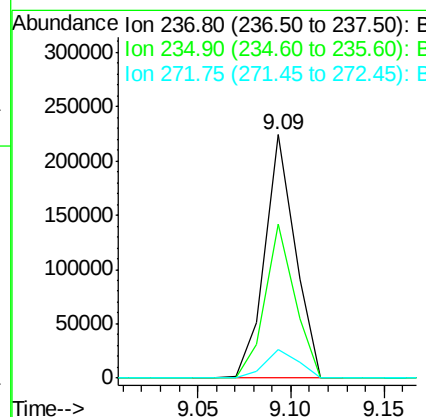
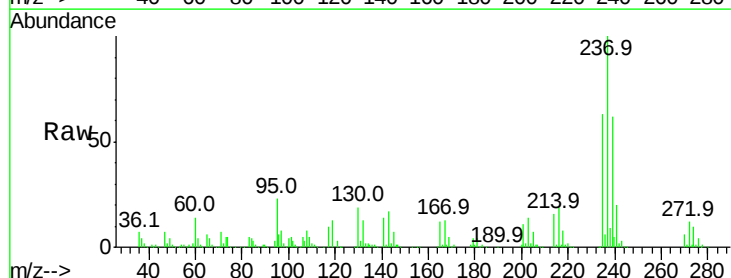
Manual Integrations
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mohammad
 2/3/2017 1:22:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 63.25 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.3	41.2	81.2
272	11.8	0.0	35.4





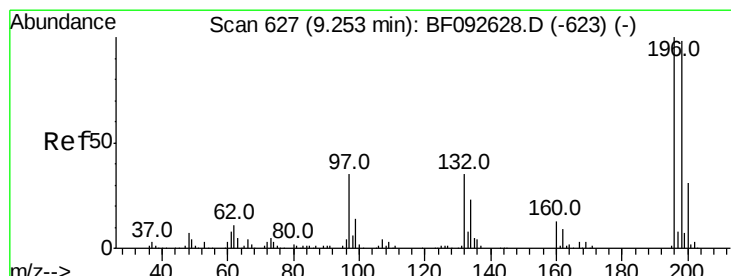
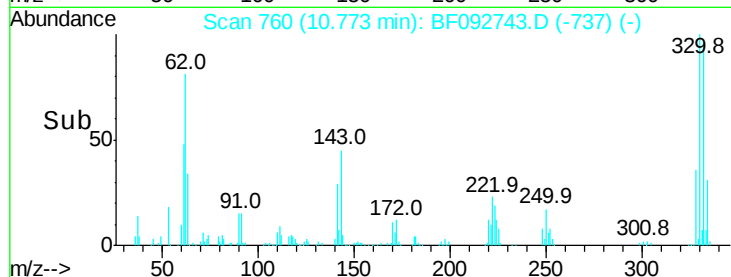
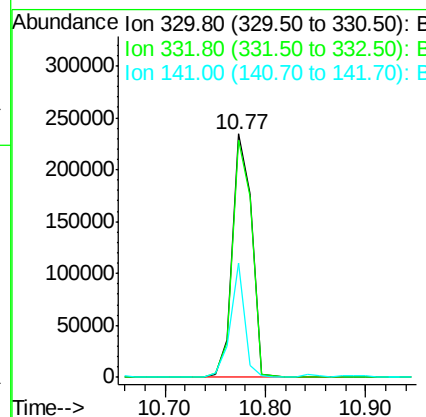
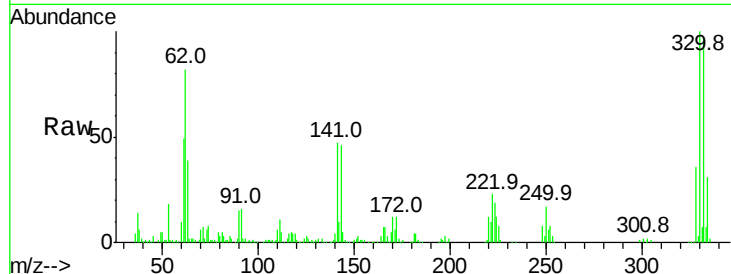
#41
 2,4,6-Tribromophenol
 Concen: 137.74 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	77.4	116.2	
141	33.8	34.1	51.1#	

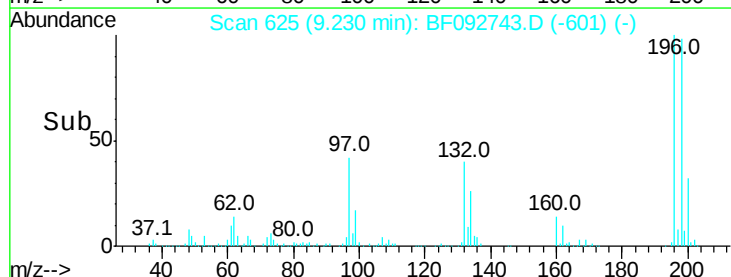
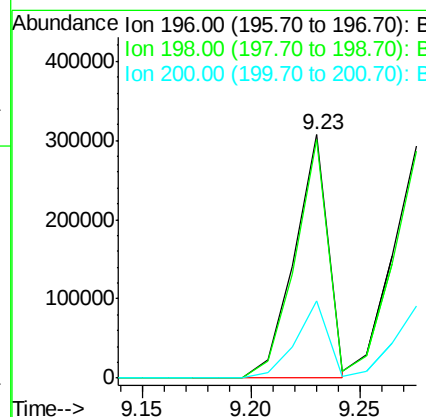
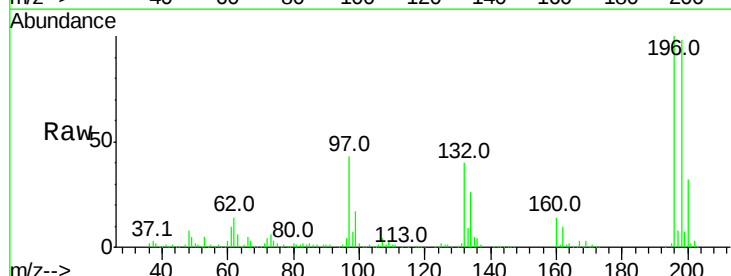
Manual Integrations
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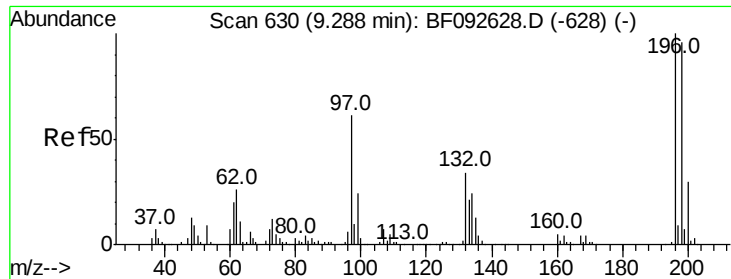
mohammad
 2/3/2017 1:22:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 56.79 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.9	82.1	123.1	
200	31.5	27.0	40.4	





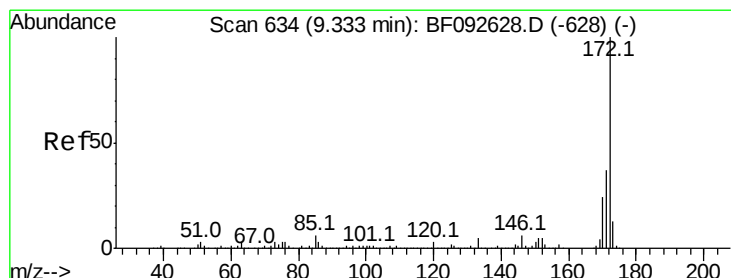
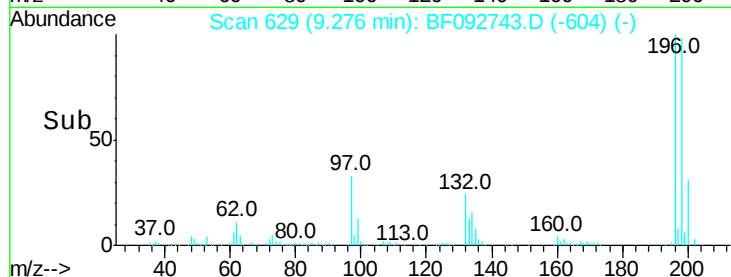
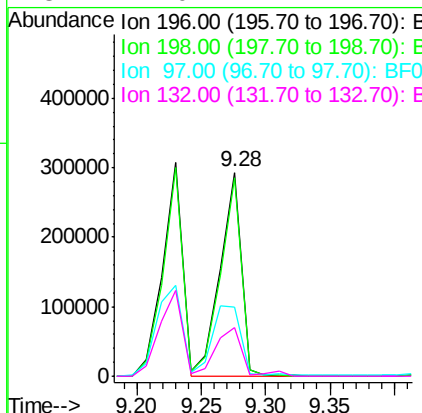
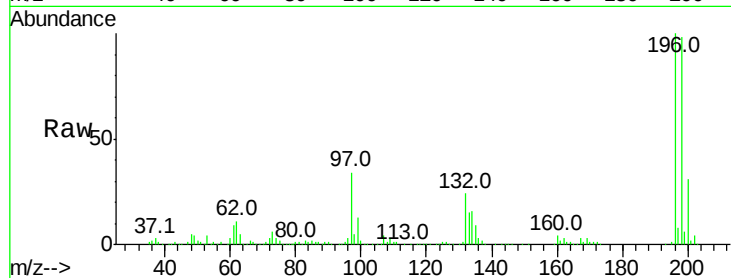
#43
 2,4,5-Trichlorophenol
 Concen: 53.06 ng/ml
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	337619		
198	97.6	79.4	119.2	
97	33.9	51.5	77.3	
132	24.0	27.4	41.2	

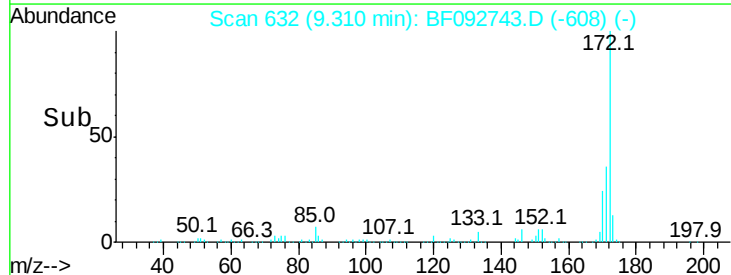
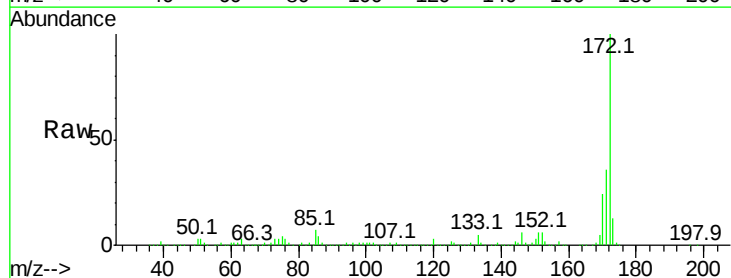
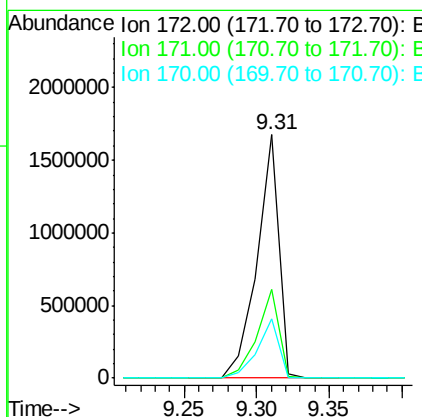
Manual Integrations
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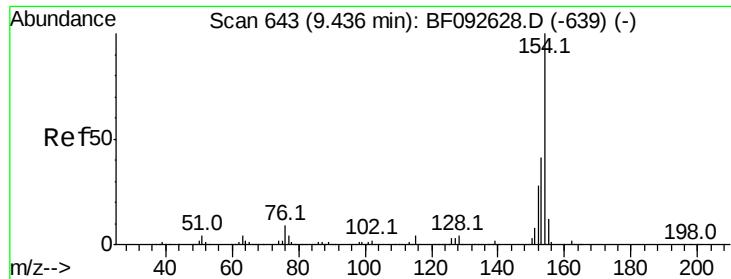
mohammad
 2/3/2017 1:22:30 PM



#44
 2-Fluorobiphenyl
 Concen: 100.38 ng/ml
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1744585		
171	36.3	29.4	44.0	
170	24.4	20.2	30.4	





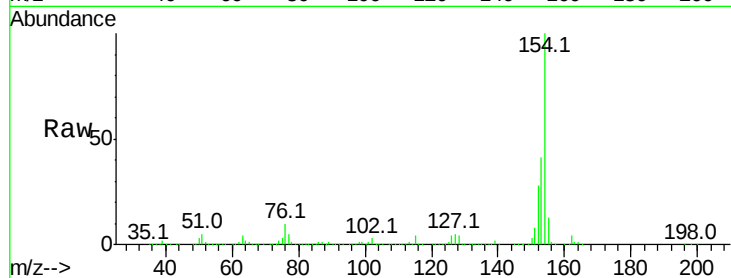
#45
 1,1'-Biphenyl
 Concen: 54.44 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	10.2	0.0	30.5

Manual Integrations
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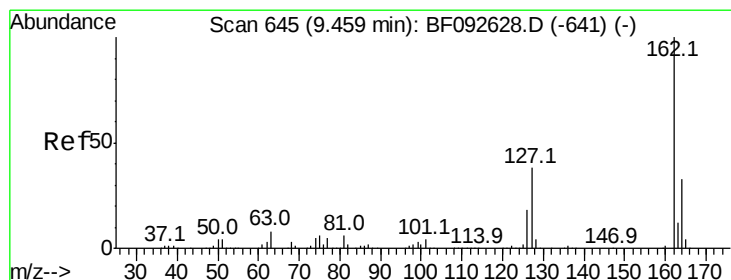
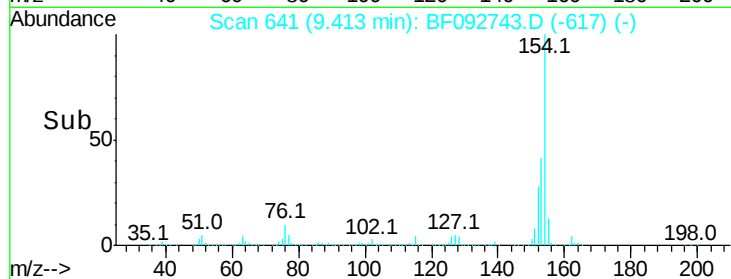
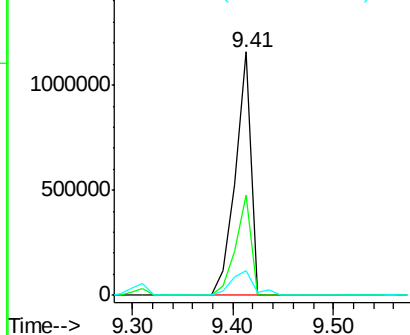


Abundance

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: 53.21 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

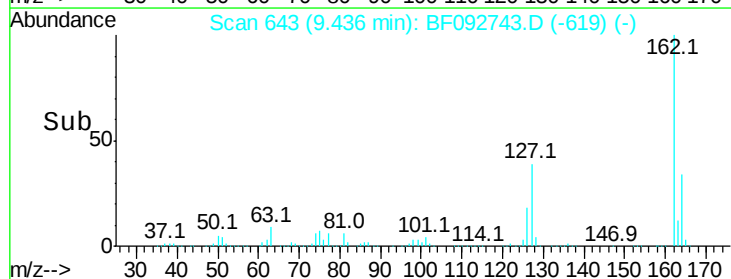
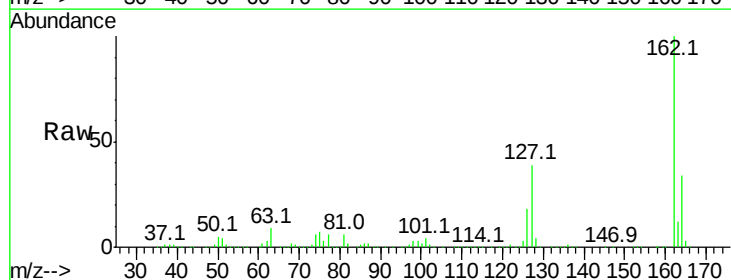
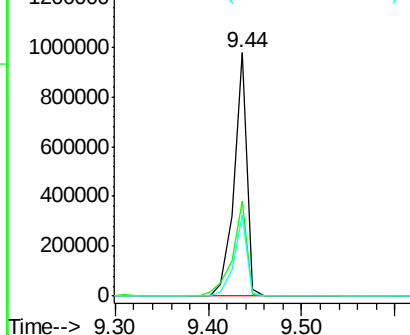
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.7	46.1
164	33.5	27.6	41.4

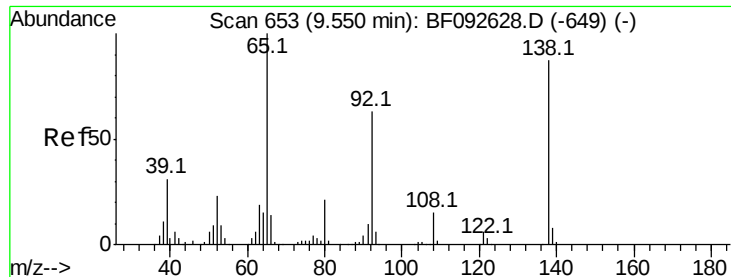
Abundance

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





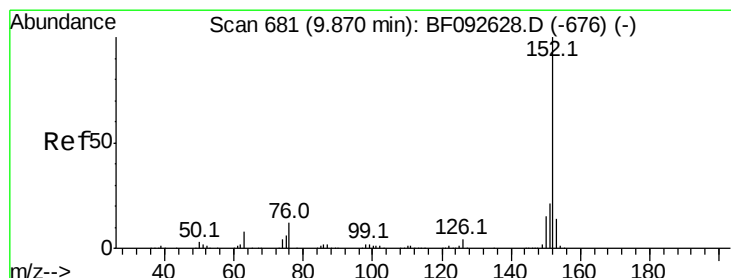
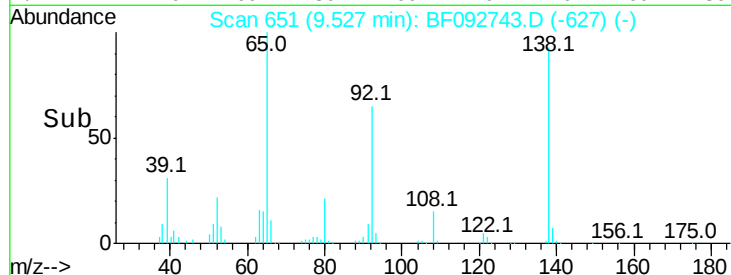
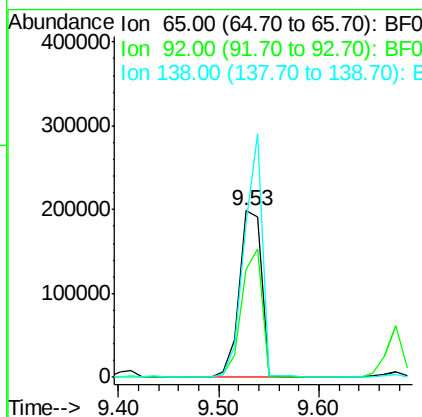
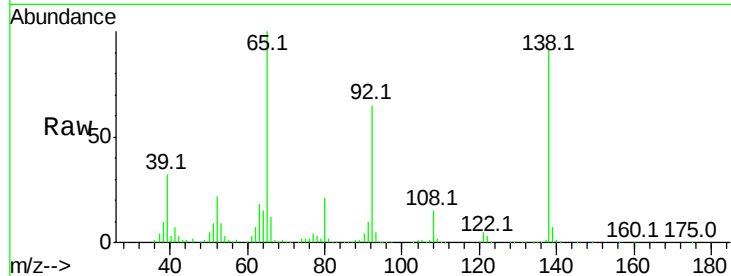
#47
2-Nitroaniline
Concen: 50.99 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	53.9	80.9
138	92.3	76.8	115.2

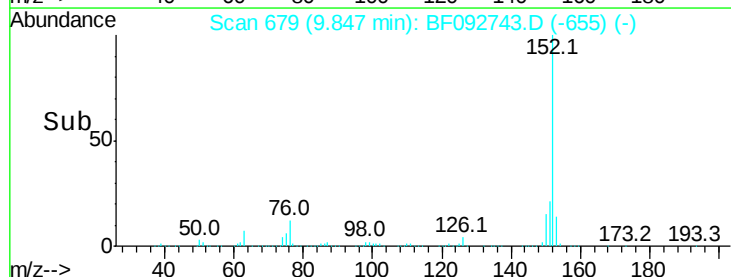
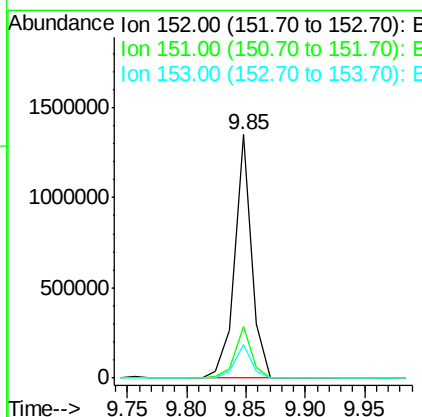
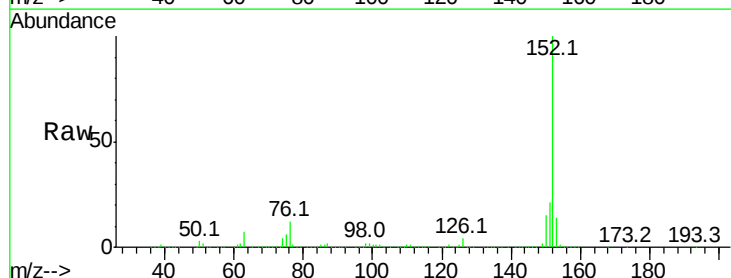
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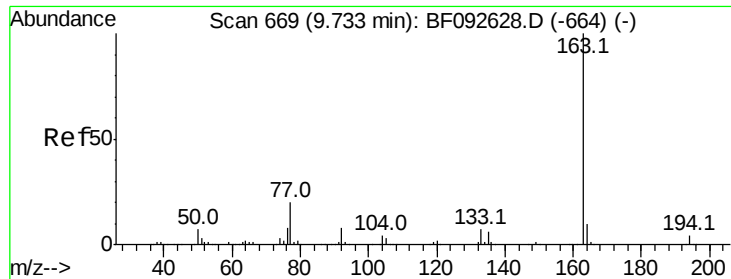
mohammad
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#48
Acenaphthylene
Concen: 43.64 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.6	11.4	17.2





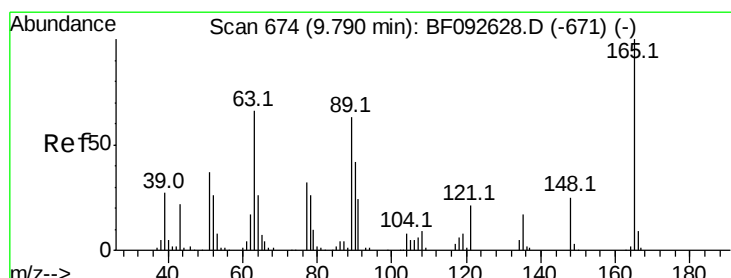
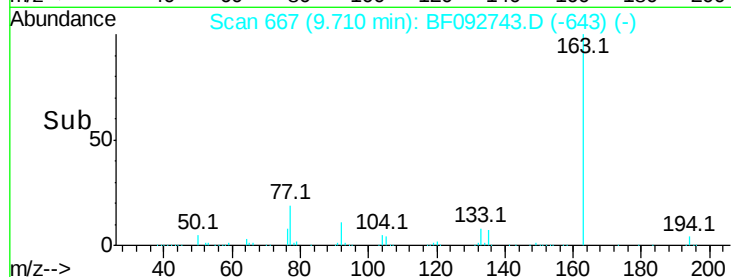
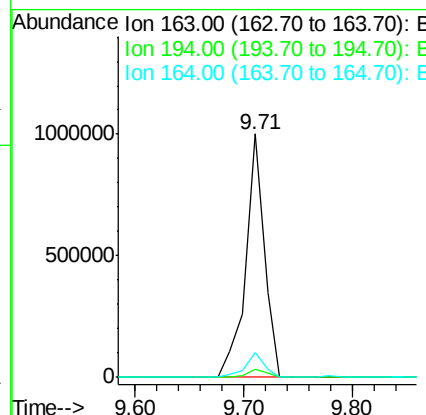
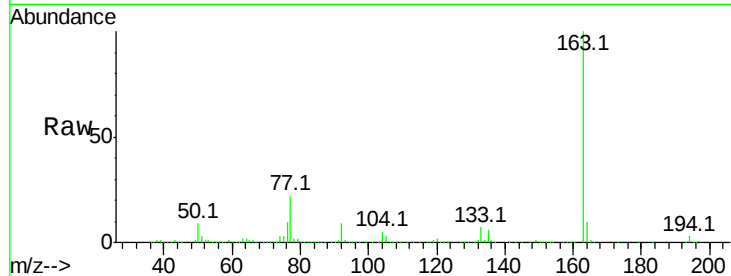
#49
Dimethylphthalate
Concen: 55.66 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion:163 Resp: 1180436
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.4 8.0 12.0

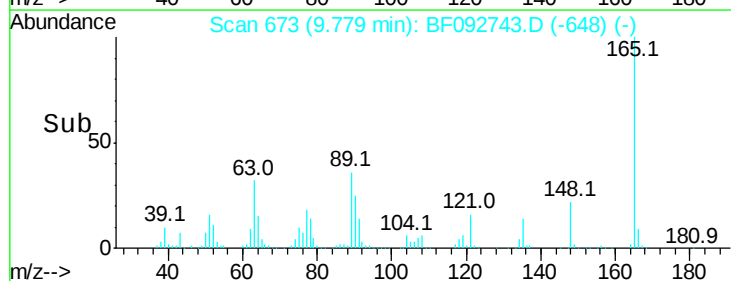
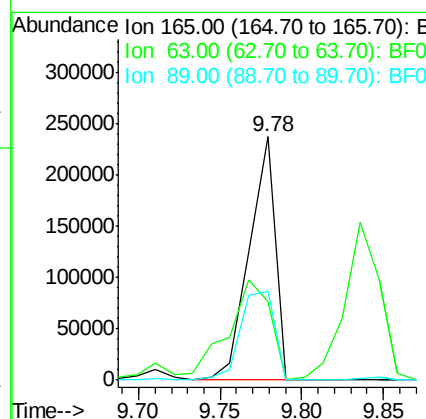
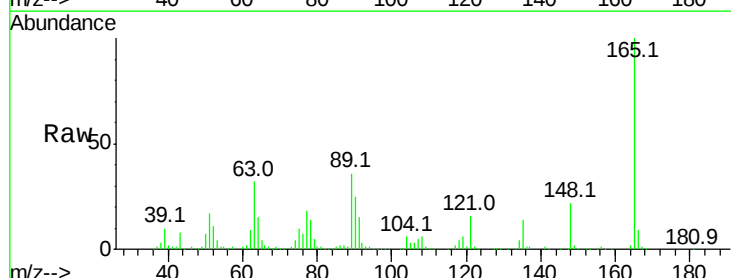
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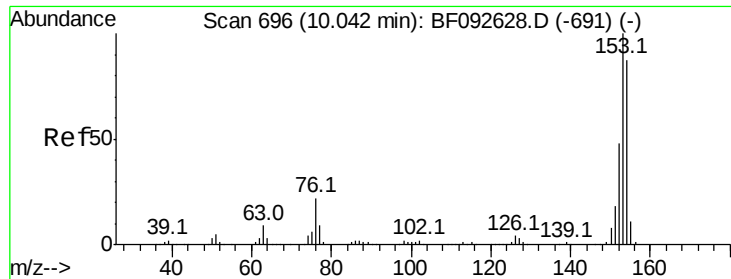
mohammad
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#50
2,6-Dinitrotoluene
Concen: 57.55 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion:165 Resp: 263563
Ion Ratio Lower Upper
165 100
63 32.5 36.2 54.4#
89 36.4 40.2 60.4#





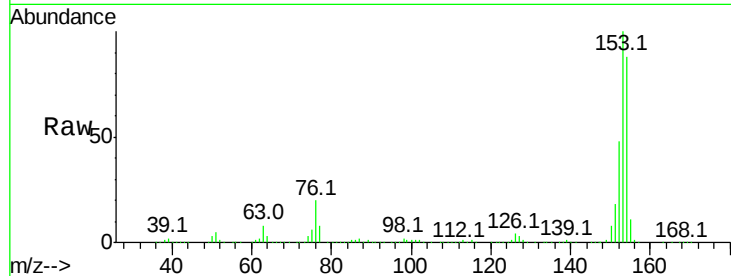
#51
Acenaphthene
Concen: 43.93 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

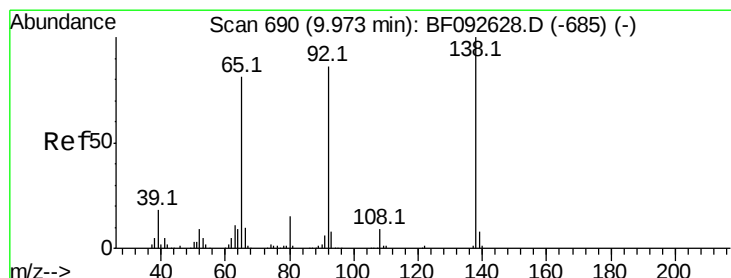
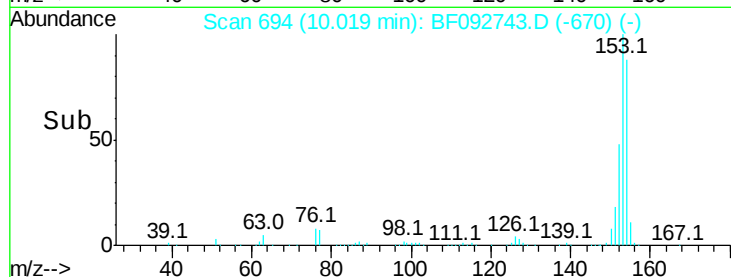
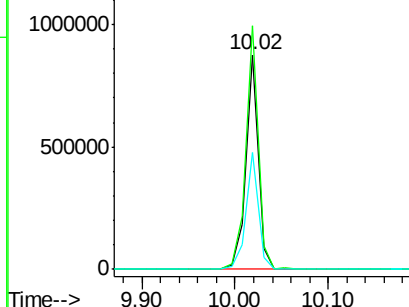
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	88.6	133.0
152	54.7	41.6	62.4

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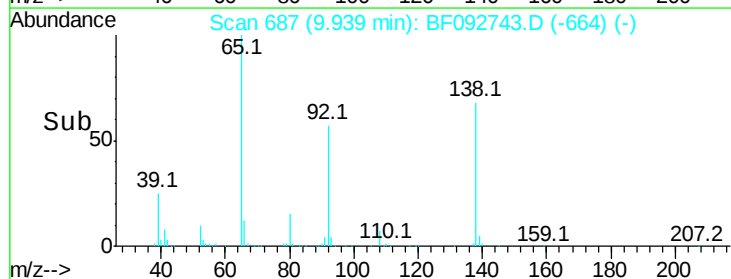
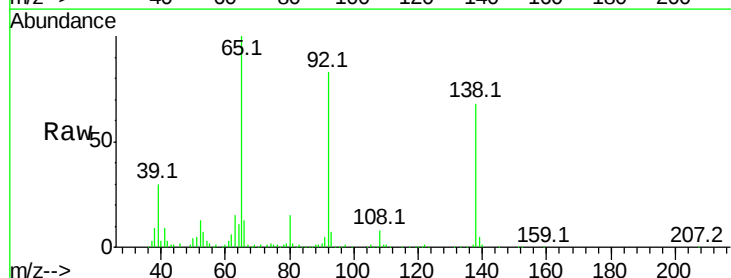
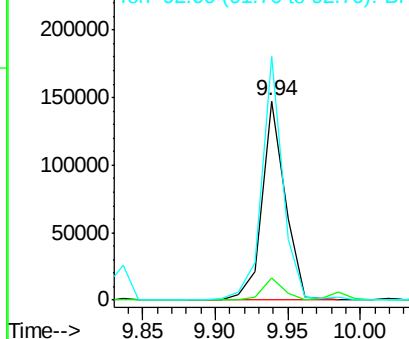
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

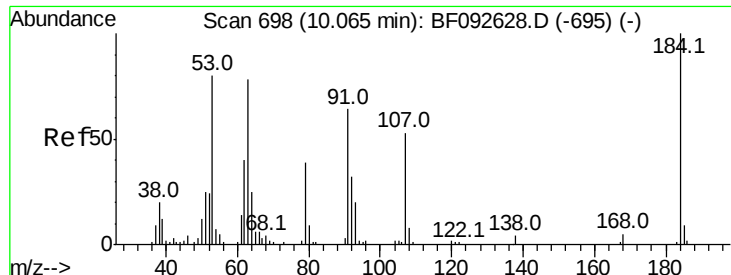


#52
3-Nitroaniline
Concen: 31.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.5	12.7
92	122.3	97.8	146.8

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





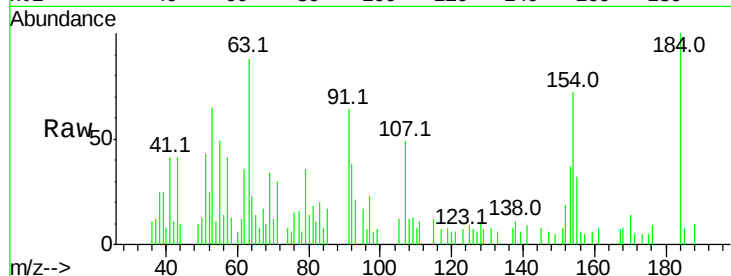
#53
 2,4-Dinitrophenol
 Concen: 7.27 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.0	28.4	42.6#
154	71.9	44.3	66.5#

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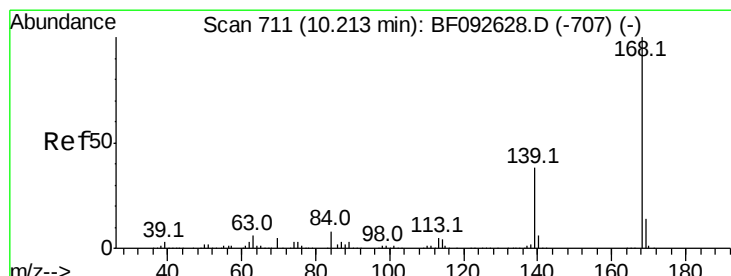
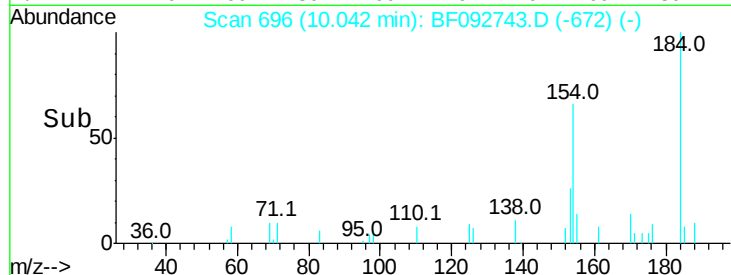
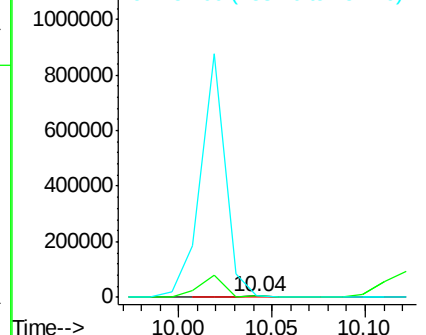


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 49.11 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

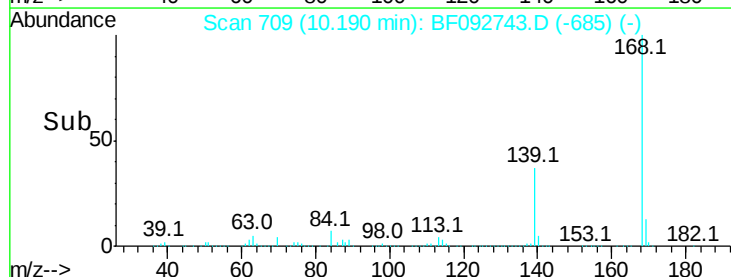
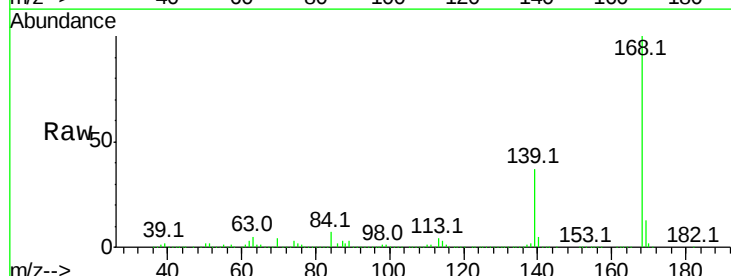
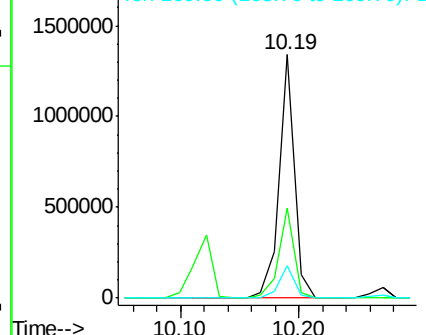
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	32.6	49.0
169	13.5	11.3	16.9

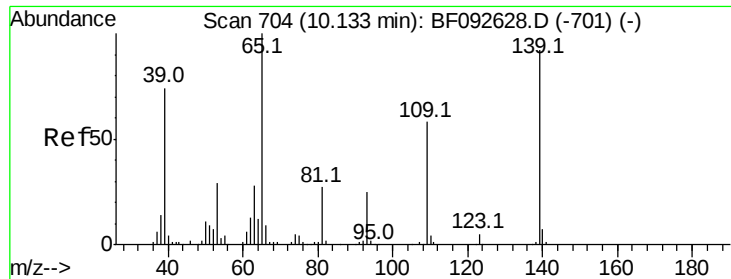
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 104.08 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

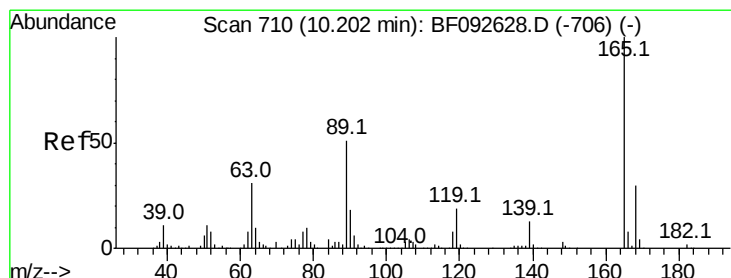
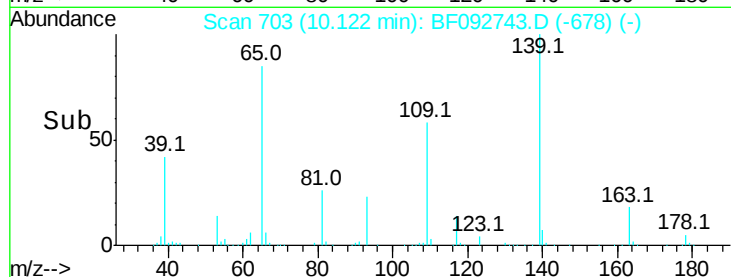
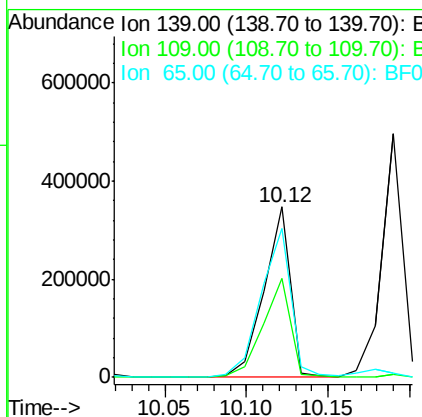
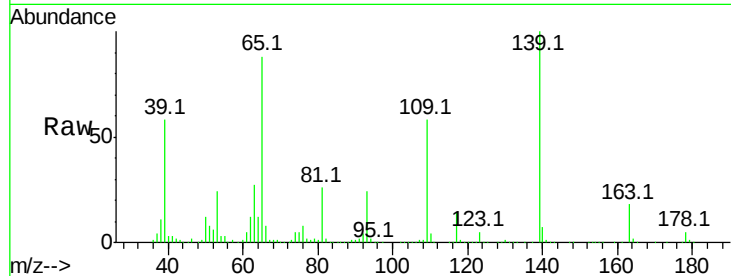
ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:139	Resp:	392916
Ion Ratio	Lower	Upper
139	100	
109	57.9	52.2 92.2
65	87.5	85.8 125.8

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#56

2,4-Dinitrotoluene

Concen: 55.72 ng

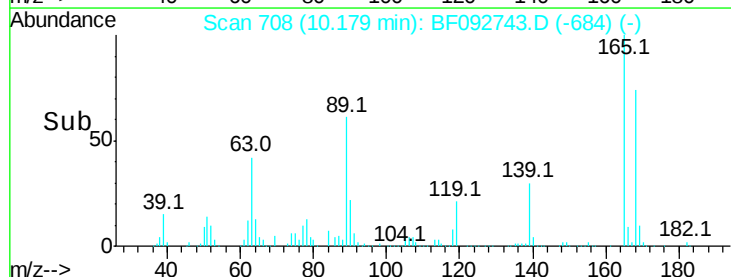
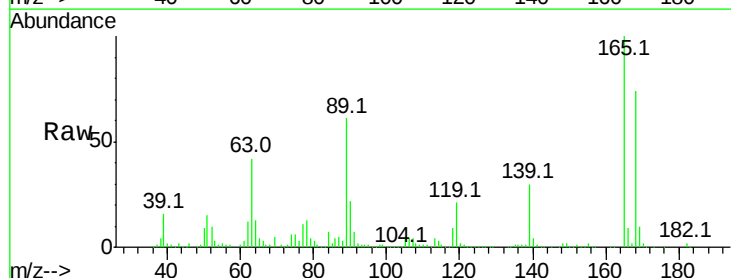
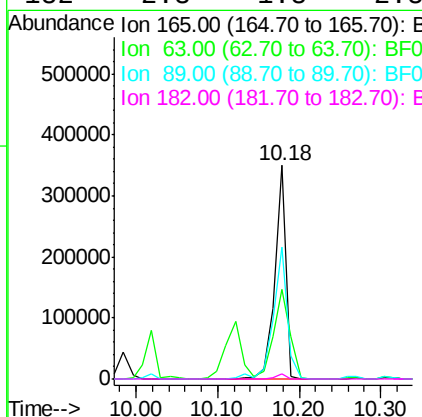
RT: 10.18 min Scan# 708

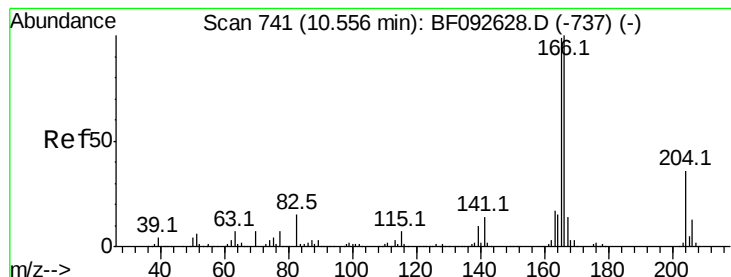
Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Tgt Ion:165	Resp:	339786
Ion Ratio	Lower	Upper
165	100	
63	41.9	40.2 60.4
89	61.5	62.5 93.7#
182	2.3	1.8 2.8





#57

Fluorene

Concen: 49.59 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

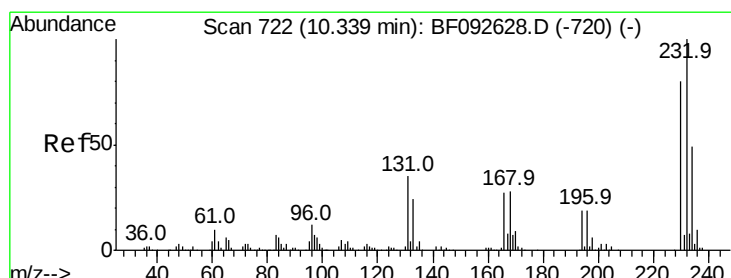
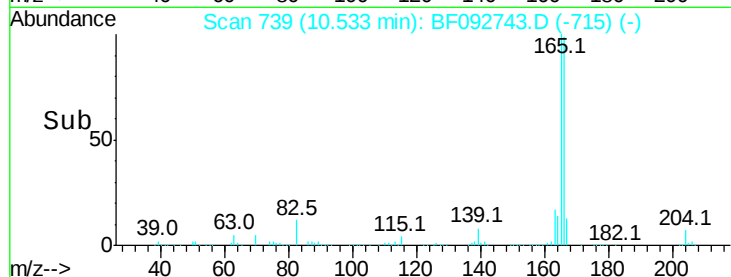
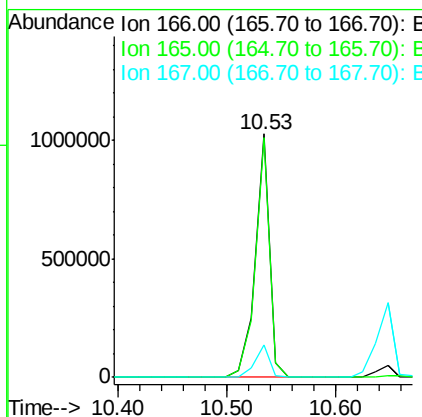
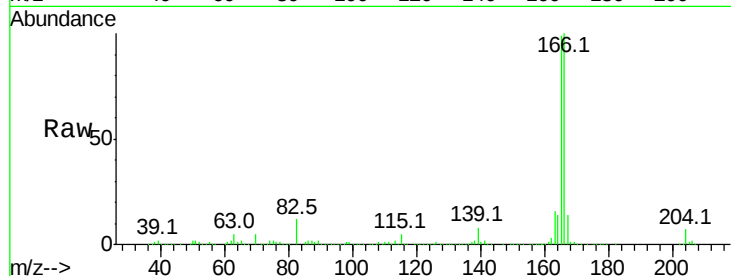
ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:	166	Resp:	939921
Ion Ratio	Lower	Upper	
166	100		
165	98.6	77.8	116.8
167	13.6	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 54.94 ng

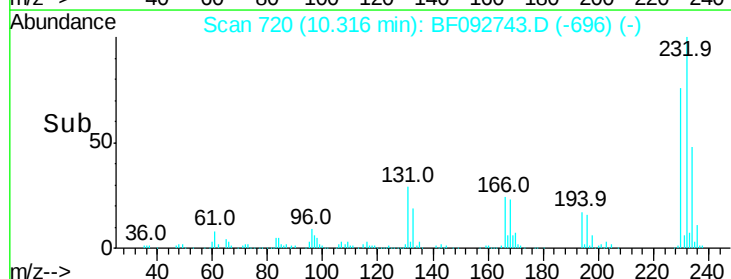
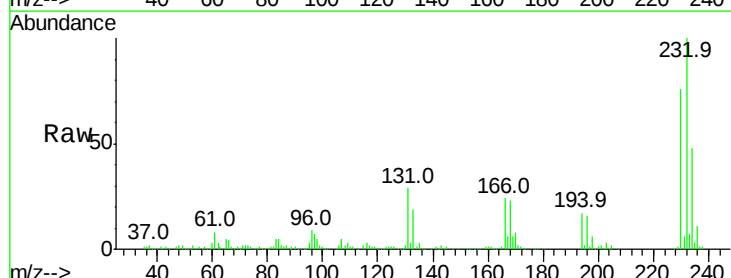
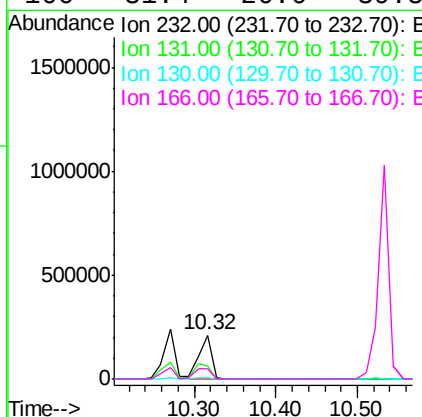
RT: 10.32 min Scan# 720

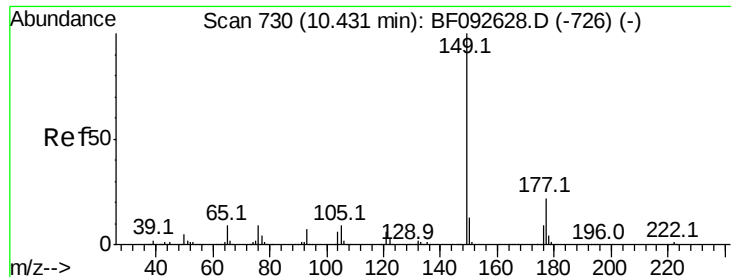
Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Tgt Ion:	232	Resp:	233232
Ion Ratio	Lower	Upper	
232	100		
131	44.3	40.1	60.1
130	2.4	1.8	2.8
166	31.4	26.6	39.8





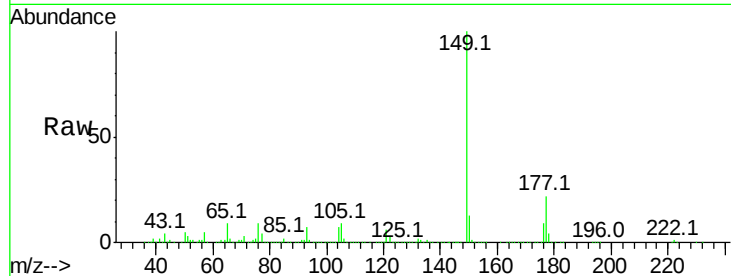
#59
Diethylphthalate
Concen: 52.38 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

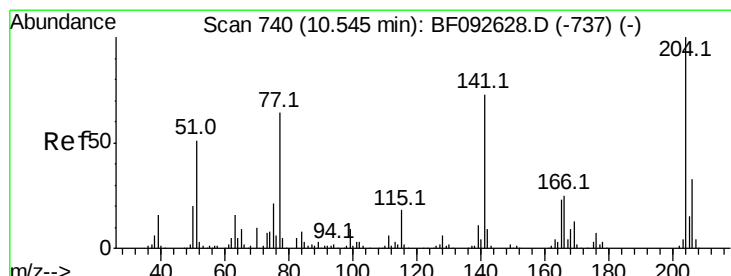
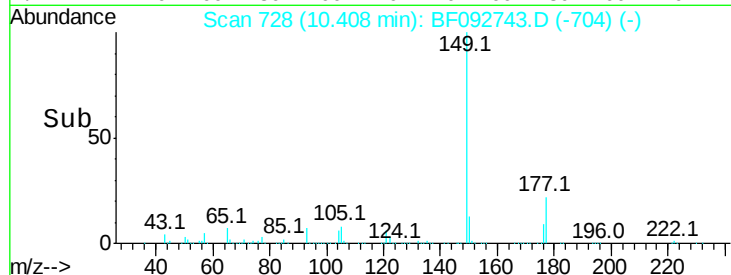
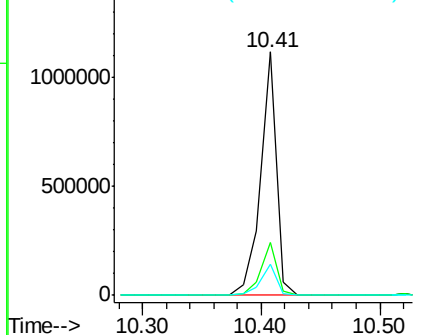
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.6	25.0
150	12.6	10.4	15.6

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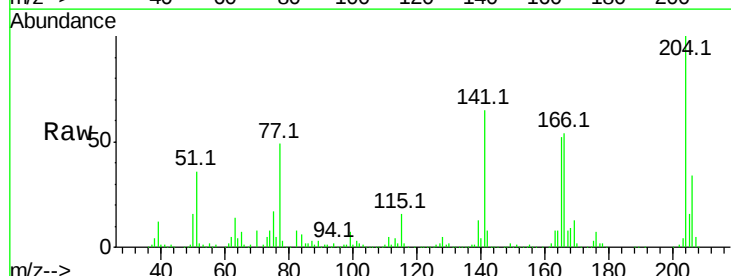


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

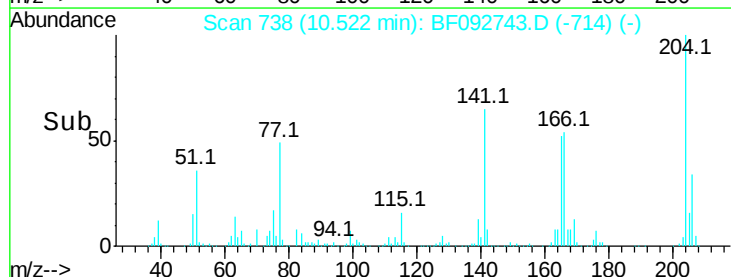
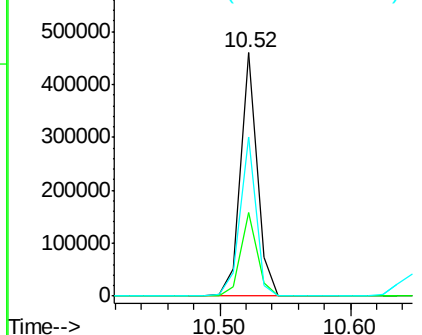


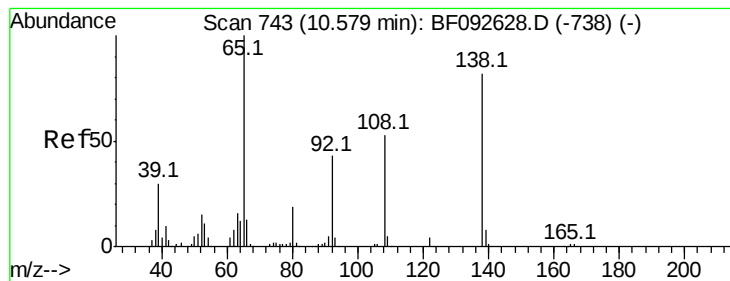
#60
4-Chlorophenyl-phenylether
Concen: 44.36 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	25.8	38.6
141	65.2	59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.09 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

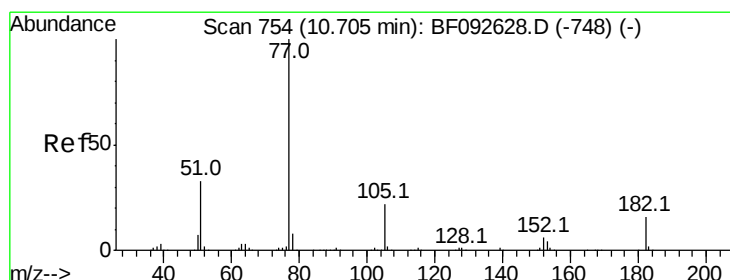
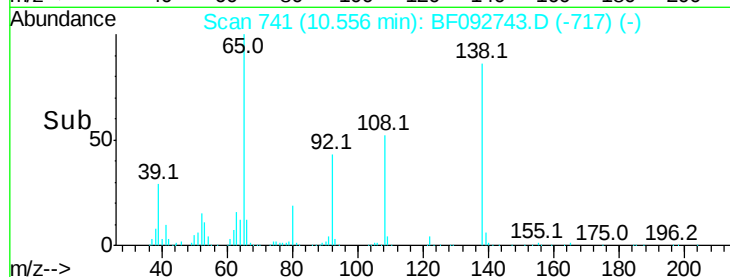
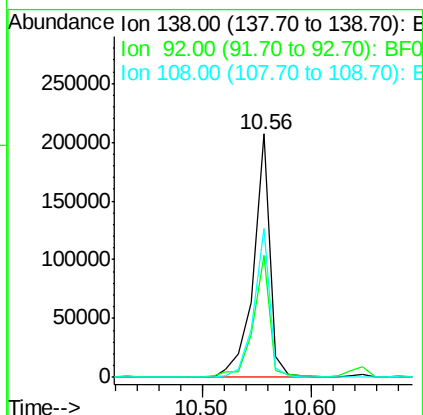
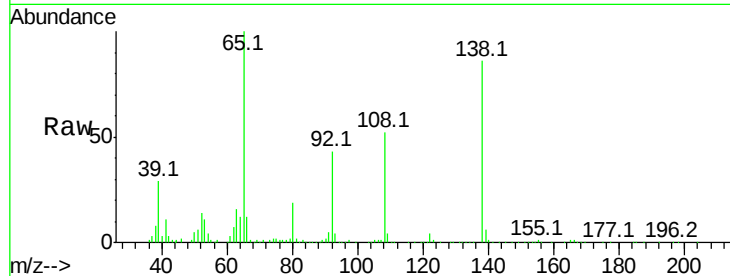
ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:	138	Resp:	220564
Ion Ratio	Lower	Upper	
138	100		
92	50.2	31.7	71.7
108	60.9	52.6	92.6

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#62

Azobenzene

Concen: 50.89 ng

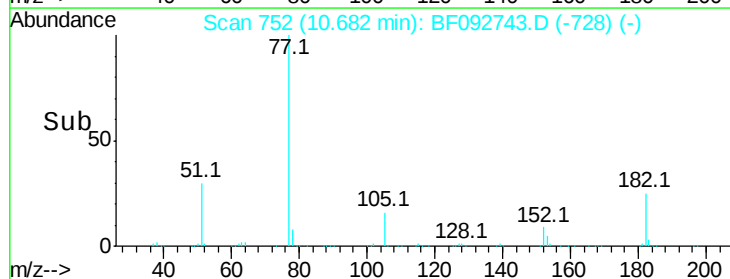
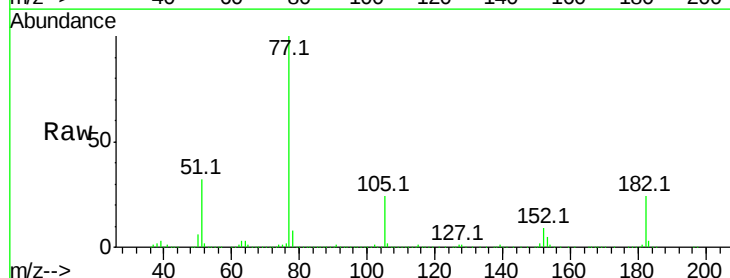
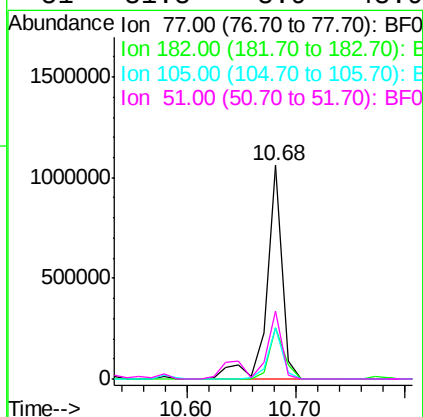
RT: 10.68 min Scan# 752

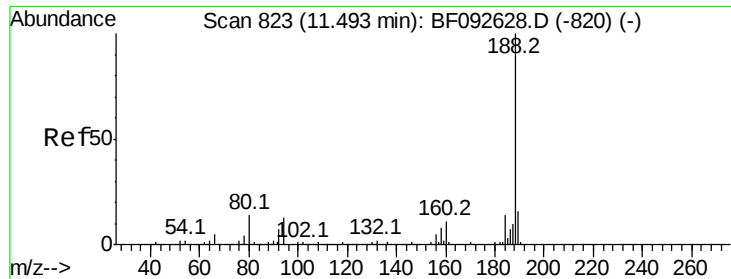
Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Tgt Ion:	77	Resp:	1050826
Ion Ratio	Lower	Upper	
77	100		
182	24.0	0.0	39.3
105	24.0	2.3	42.3
51	31.8	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: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:188 Resp: 471195

Ion Ratio Lower Upper

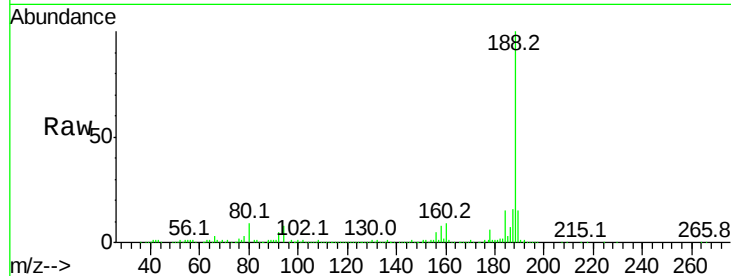
188 100

94 8.3 10.0 15.0#

80 9.1 11.2 16.8#

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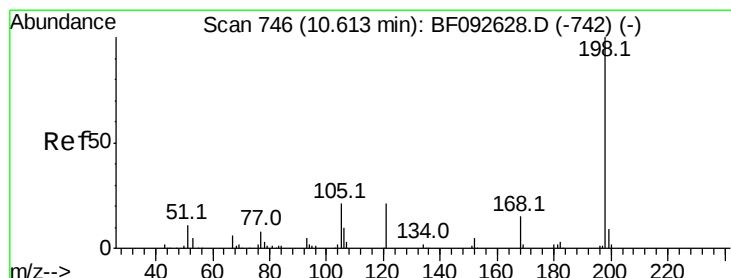
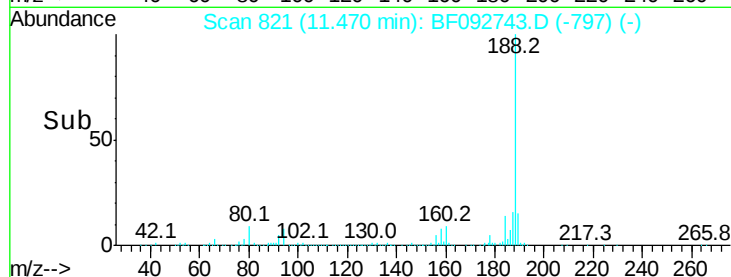
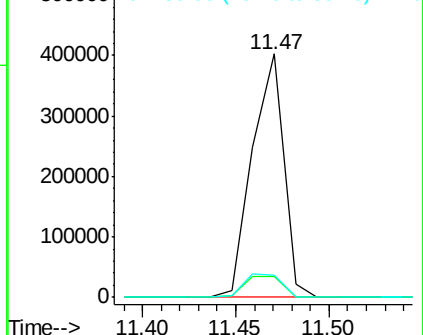
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 15.50 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

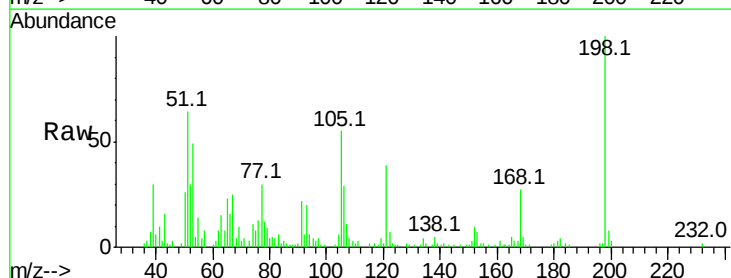
Tgt Ion:198 Resp: 38954

Ion Ratio Lower Upper

198 100

51 64.2 6.7 46.7#

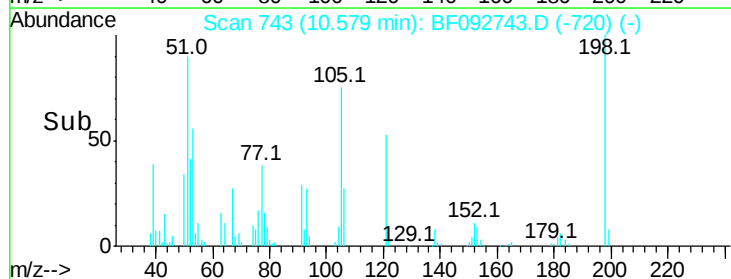
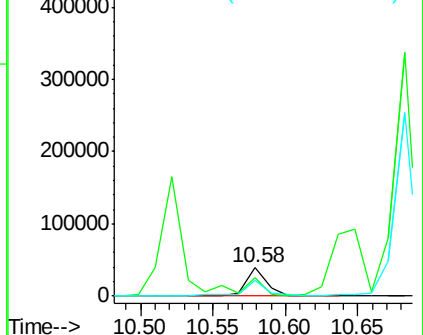
105 54.6 16.6 56.6

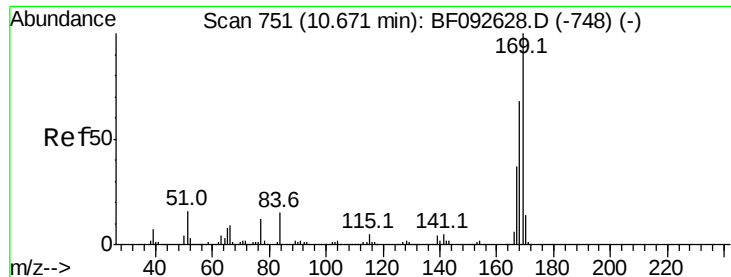


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 59.17 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:169 Resp: 890670

Ion Ratio Lower Upper

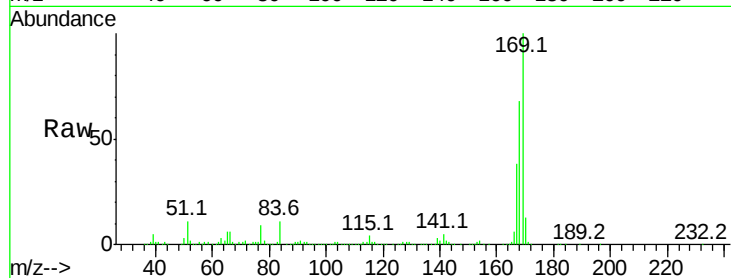
169 100

168 68.2 54.2 81.2

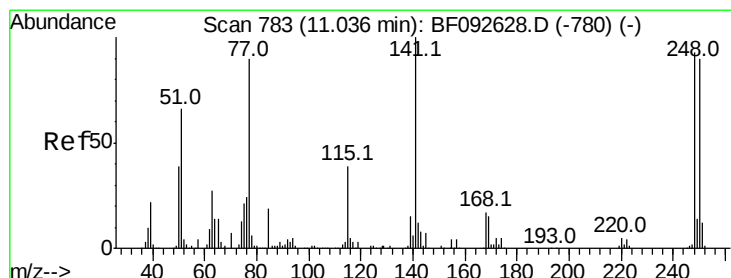
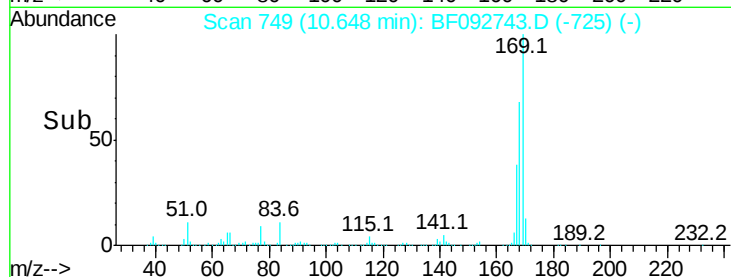
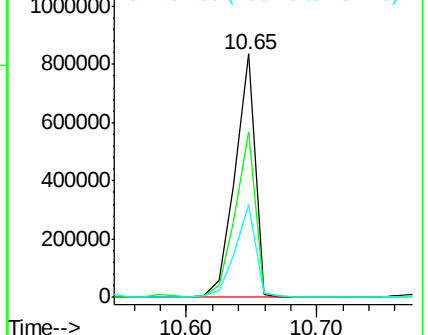
167 37.9 30.2 45.4

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



#66

4-Bromophenyl-phenylether

Concen: 53.34 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

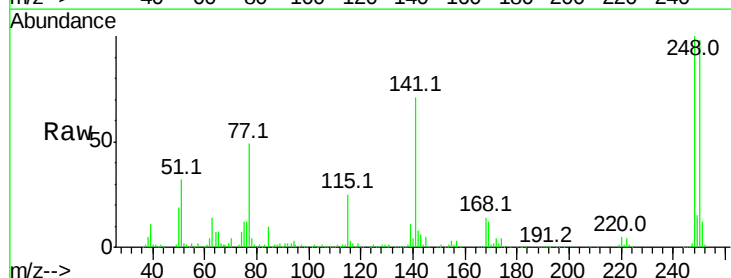
Tgt Ion:248 Resp: 262598

Ion Ratio Lower Upper

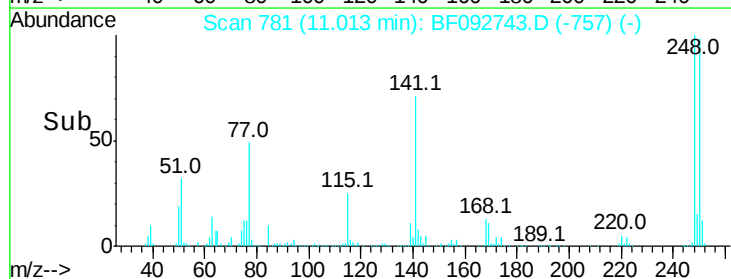
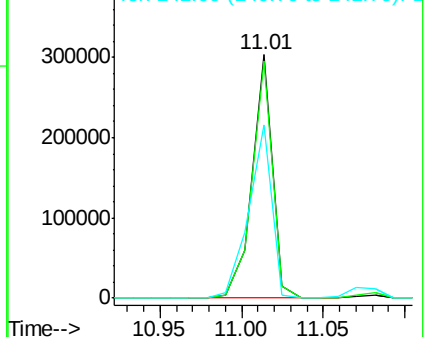
248 100

250 97.5 76.9 115.3

141 71.3 68.2 102.4



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





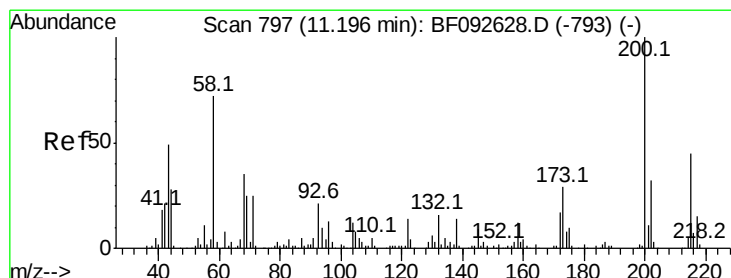
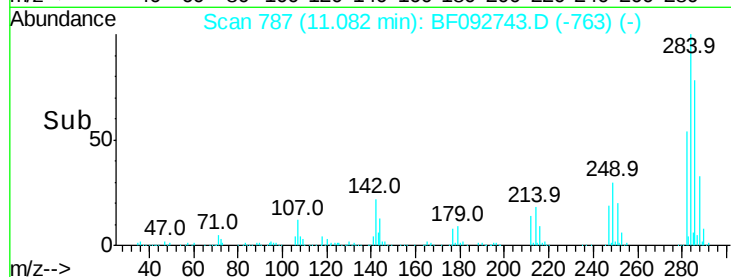
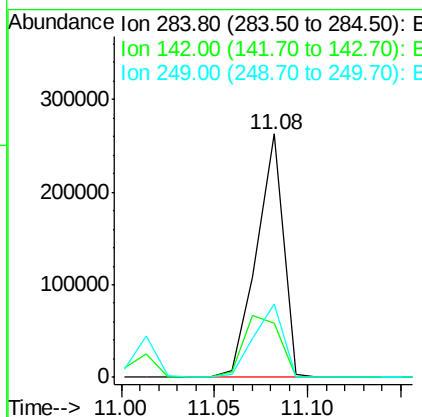
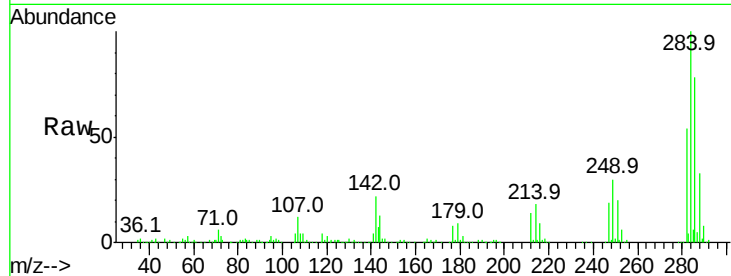
#67
Hexachlorobenzene
Concen: 53.93 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100	262339		
142	22.5	22.6	33.8#	
249	30.1	25.4	38.0	

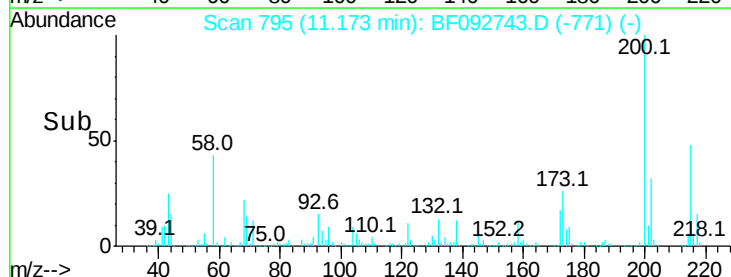
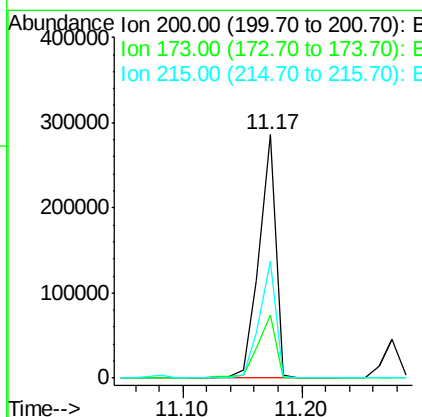
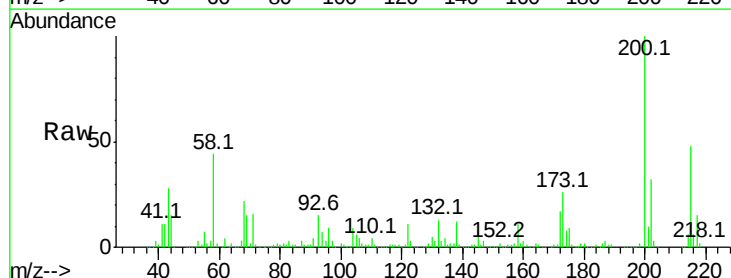
Manual Integrations
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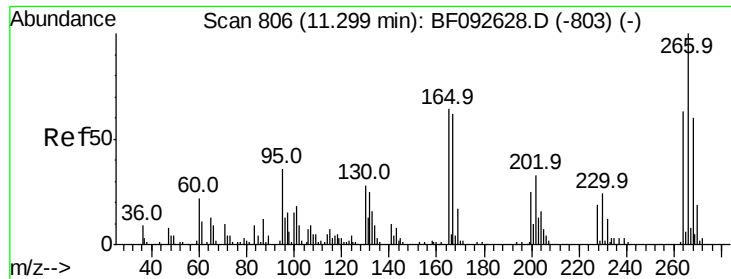
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#68
Atrazine
Concen: 59.22 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	286053		
173	26.1	9.6	49.6	
215	47.8	25.7	65.7	





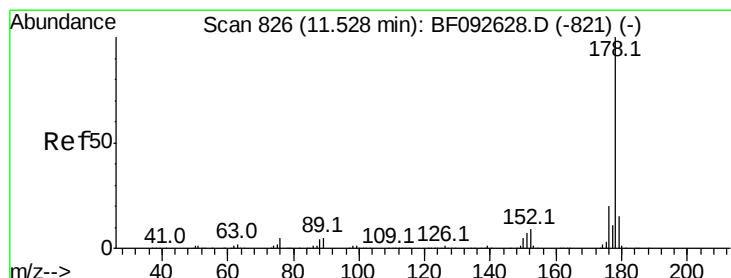
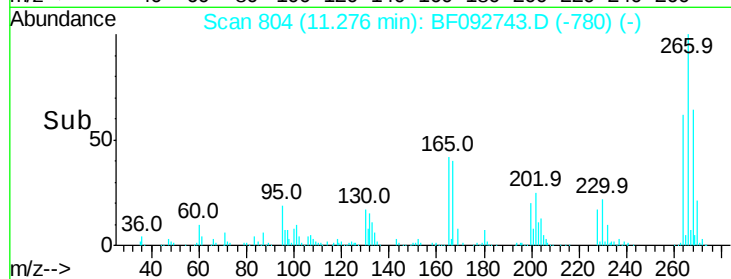
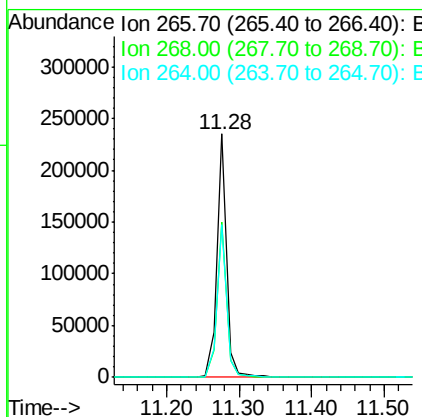
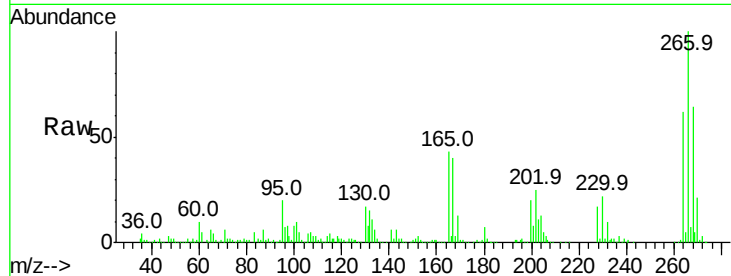
#69
 Pentachlorophenol
 Concen: 87.21 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	220816		
268	63.8	53.3	79.9	
264	62.5	50.3	75.5	

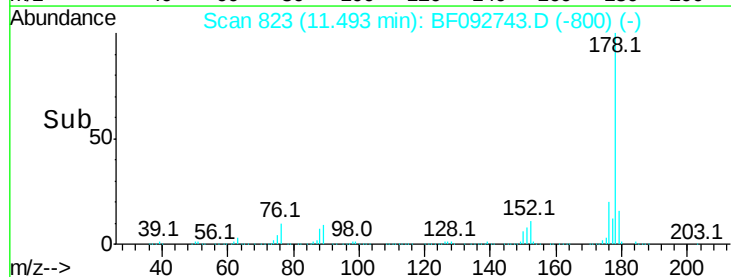
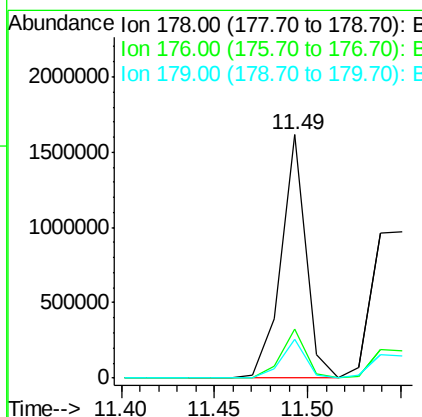
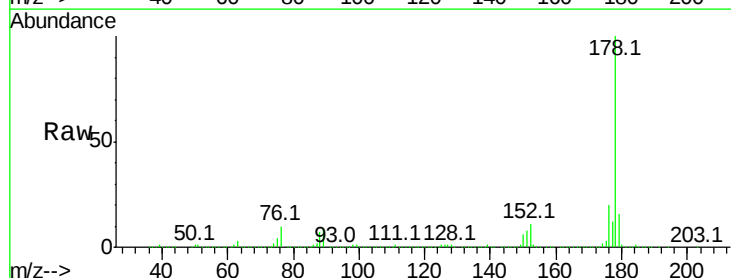
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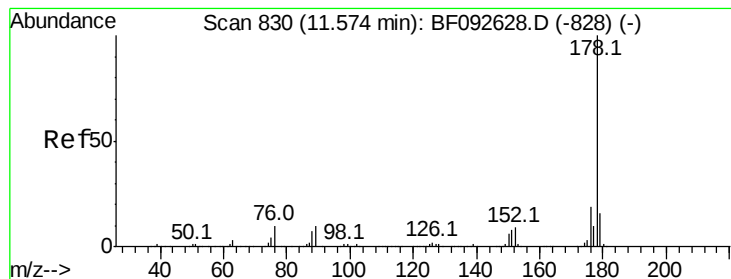
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#70
 Phenanthrene
 Concen: 55.70 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1503785		
176	20.1	16.6	25.0	
179	15.9	12.8	19.2	





#71
 Anthracene
 Concen: 51.31 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.02 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

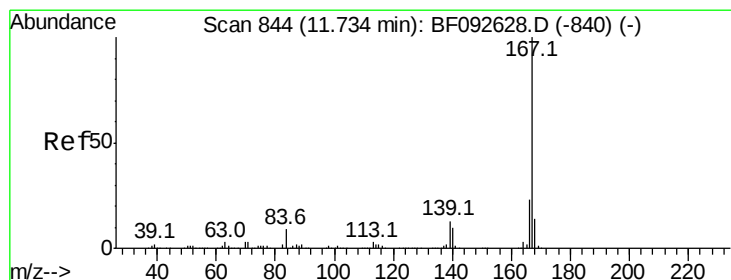
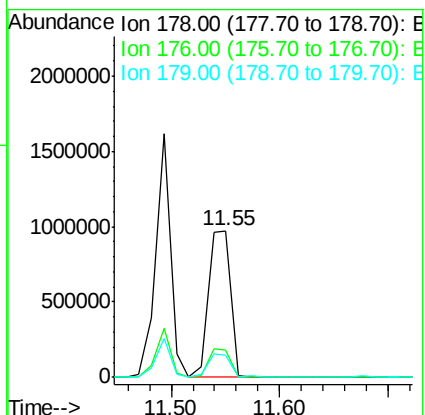
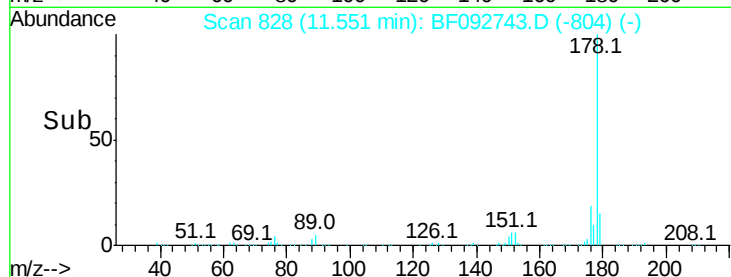
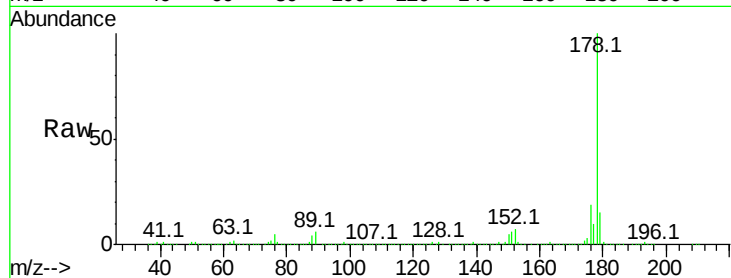
Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-1A-0-2FTMS

Tot Ion:178 Resp: 1391067

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	14.9	13.2	19.8

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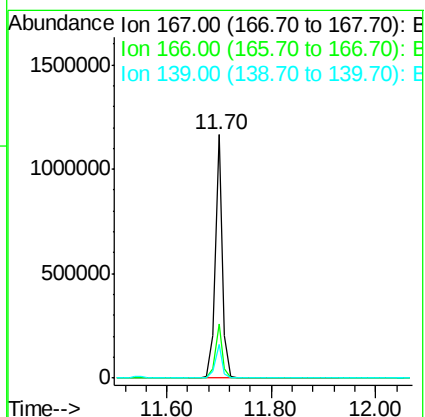
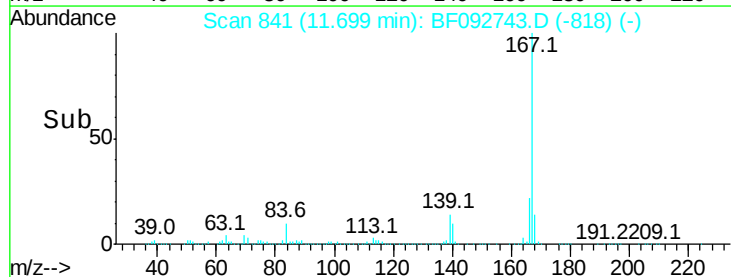
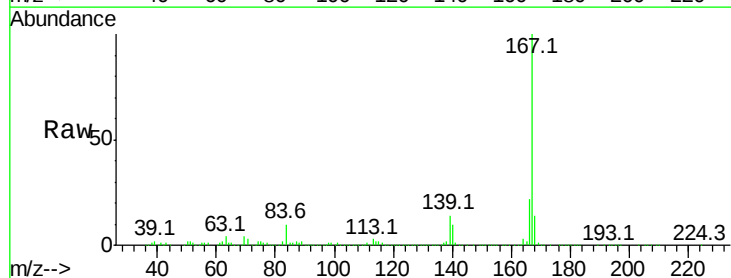
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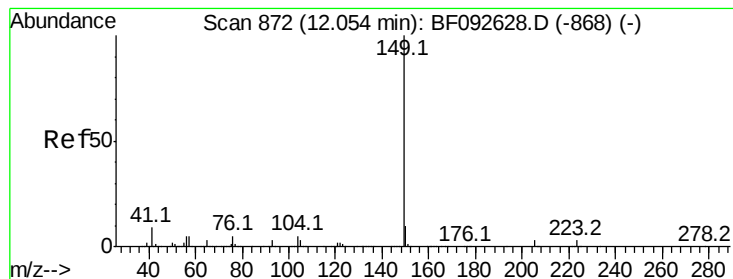


#72
 Carbazole
 Concen: 42.38 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.03 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

Tgt Ion:167 Resp: 1098125

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	13.6	11.4	17.2





#73

Di-n-butylphthalate

Concen: 53.73 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

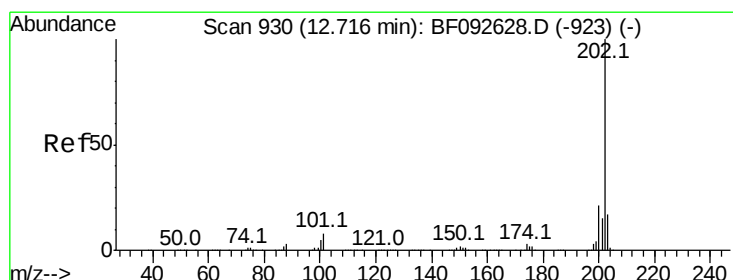
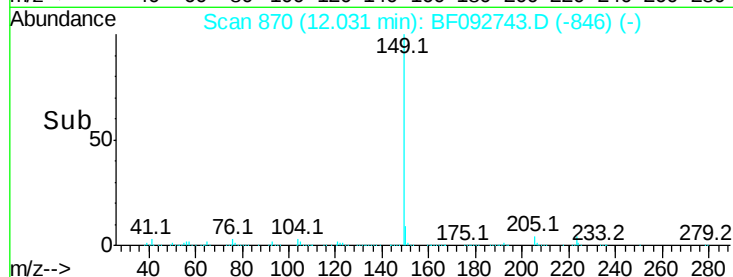
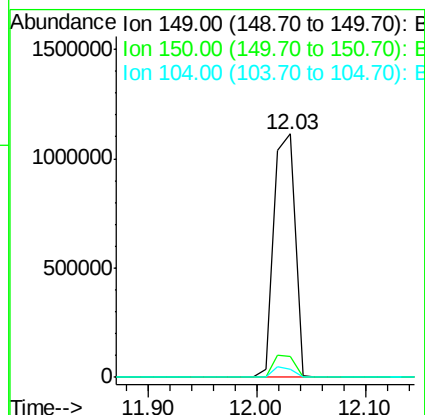
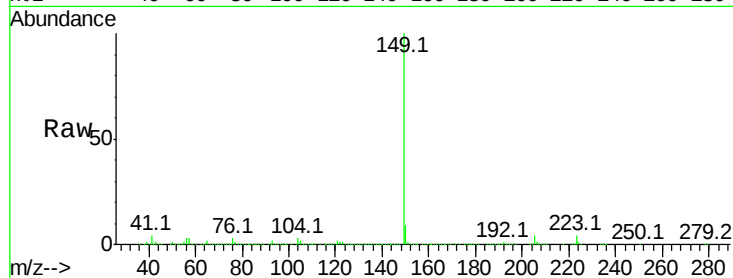
ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:	149	Resp:	1505938
Ion Ratio	Lower	Upper	
149	100		
150	8.8	8.1	12.1
104	3.3	4.6	7.0#

Manual Integrations
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#74

Fluoranthene

Concen: 55.76 ng

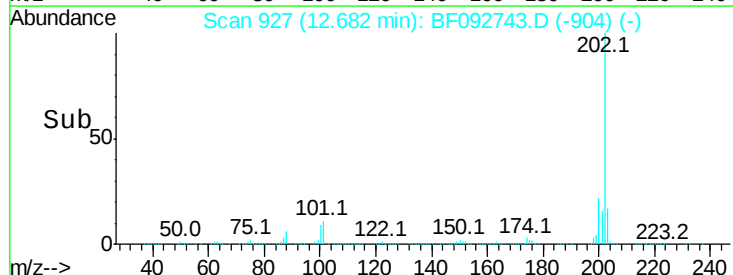
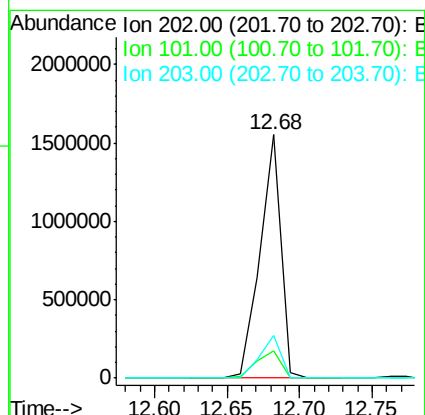
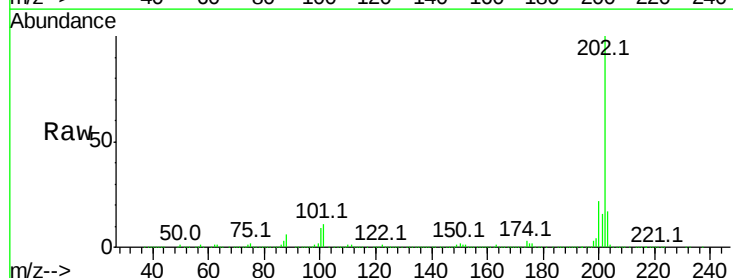
RT: 12.68 min Scan# 927

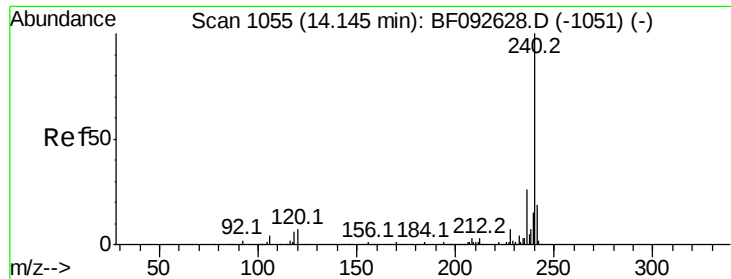
Delta R.T. -0.03 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Tgt Ion:	202	Resp:	1552711
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.6
203	17.4	0.0	38.7





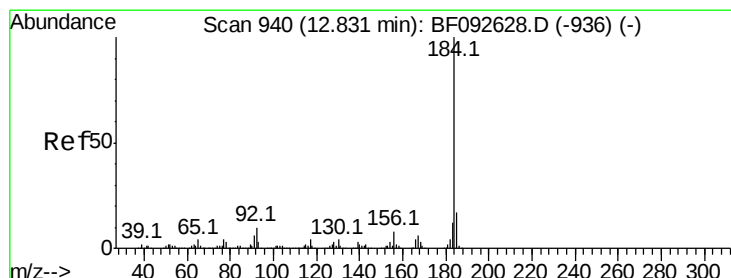
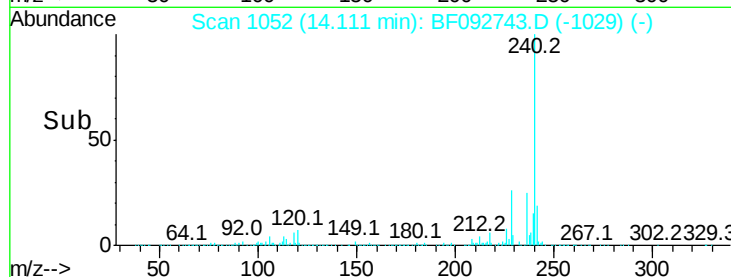
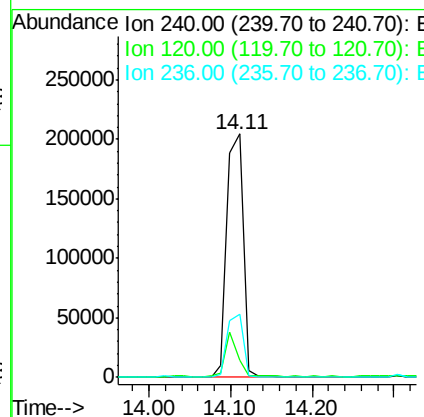
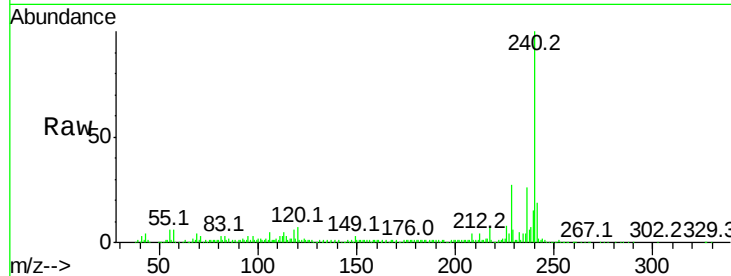
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.2	12.9	19.3	
236	26.1	20.9	31.3	

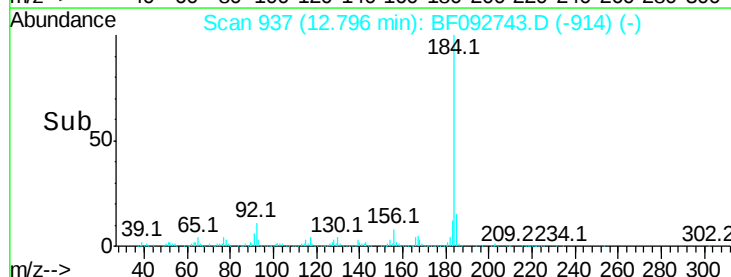
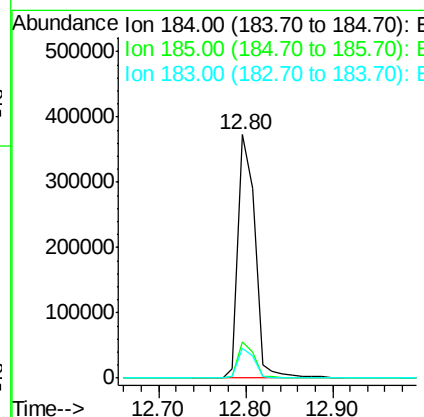
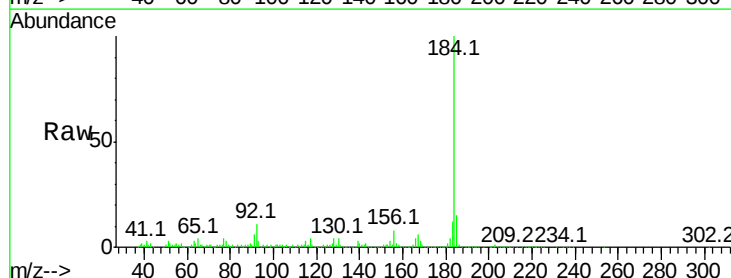
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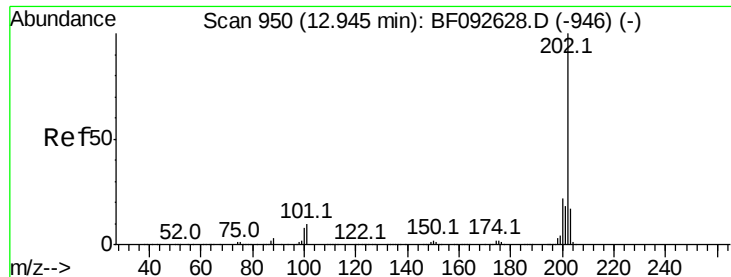
mohammad
 2/3/2017 1:22:30 PM



#76
 Benzidine
 Concen: 41.10 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.03 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.8	13.4	20.0	
183	12.1	9.2	13.8	





#77

Pvrene

Concen: 69.23 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

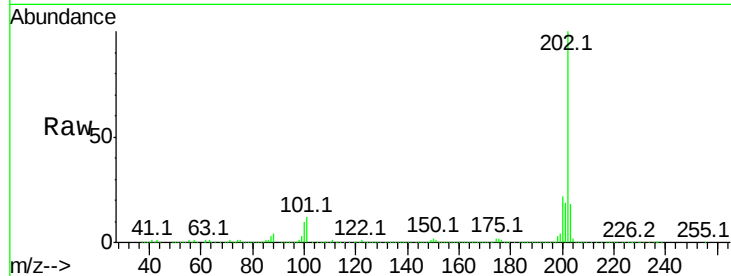
ClientSampleId :

SP-COMP-1A-0-2FTMS

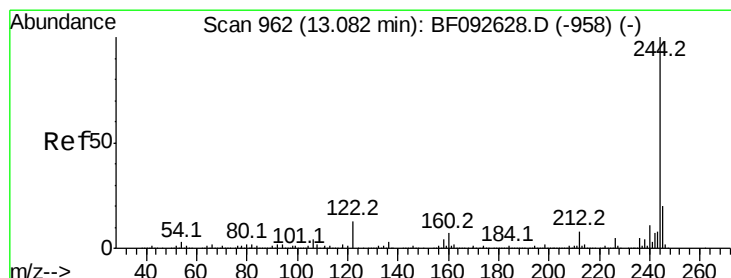
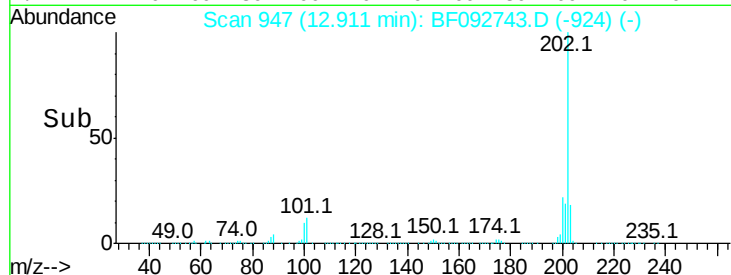
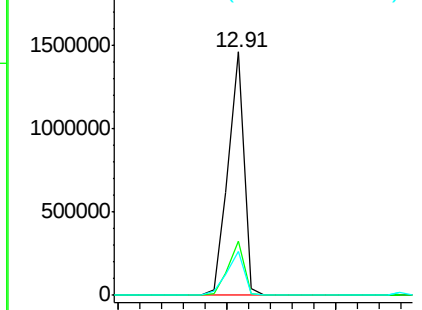
Tot Ion:	202	Resp:	1482556
Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.0	14.7	22.1

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.29 ng

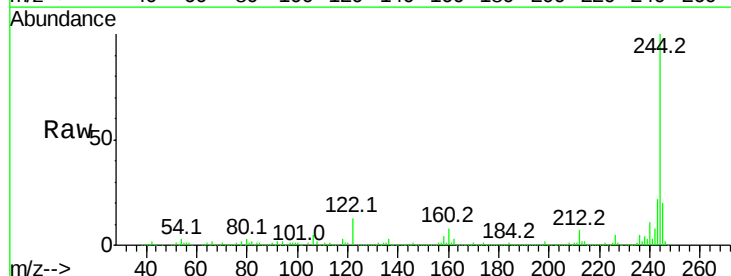
RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

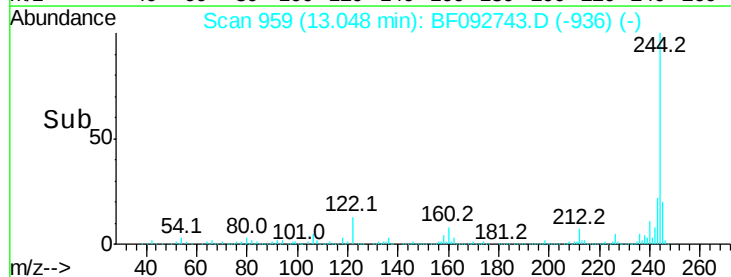
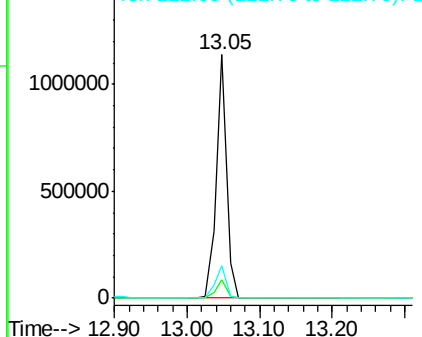
Lab File: BF092743.D

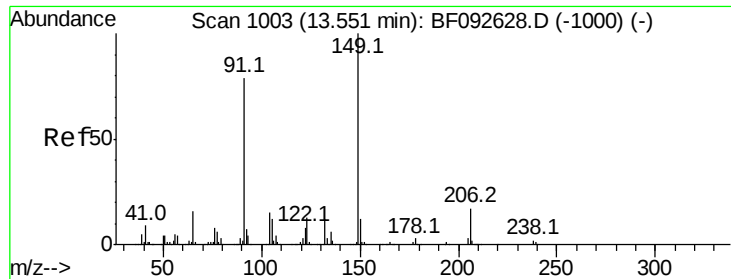
Acq: 2 Feb 2017 18:59

Tgt Ion:	244	Resp:	1123904
Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	13.4	11.4	17.2



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





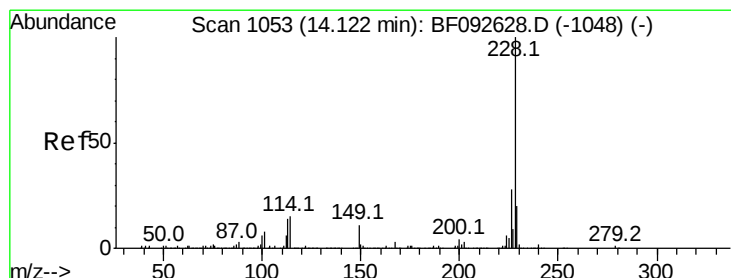
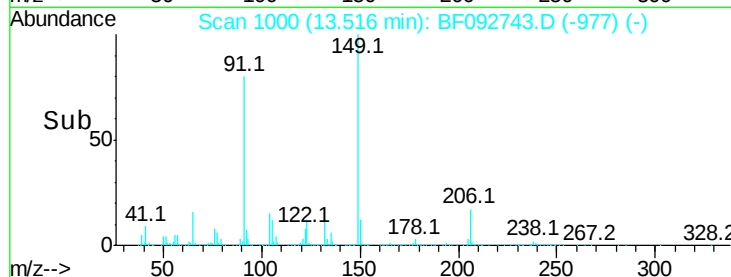
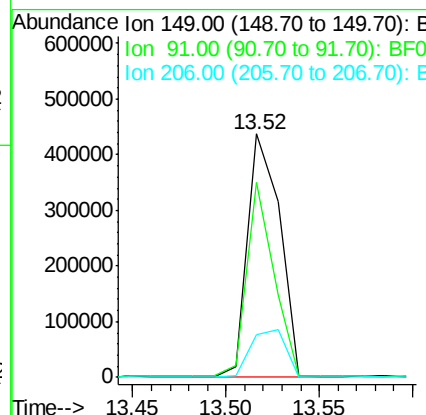
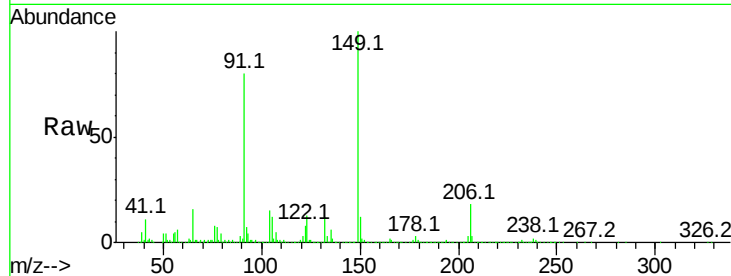
#79
Butylbenzylphthalate
Concen: 60.73 ng
RT: 13.52 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	528133		
91	80.0	63.9	95.9	
206	17.5	14.6	21.8	

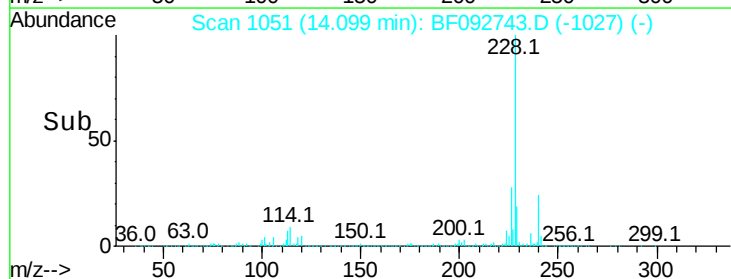
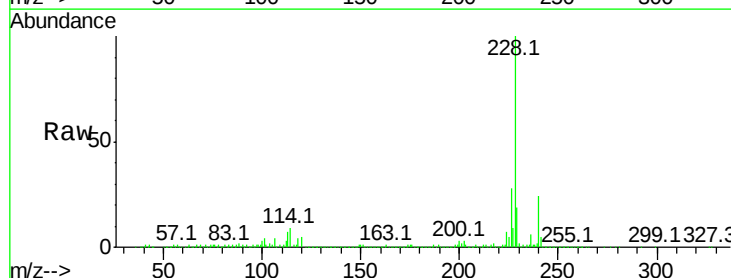
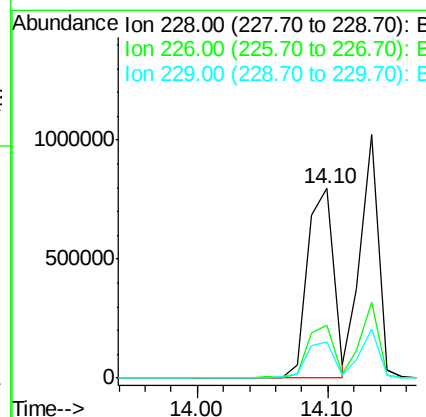
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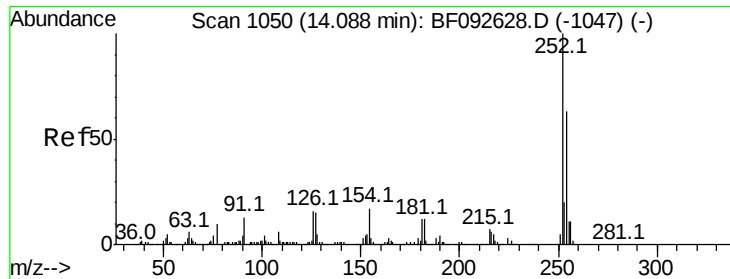
mohammad
2/3/2017 1:22:30 PM



#80
Benzo(a)anthracene
Concen: 62.45 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1093019		
226	28.2	22.4	33.6	
229	19.4	16.2	24.4	





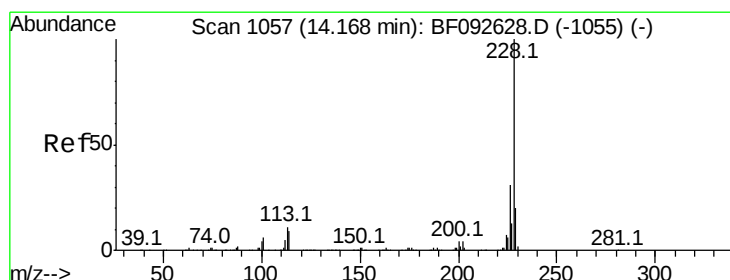
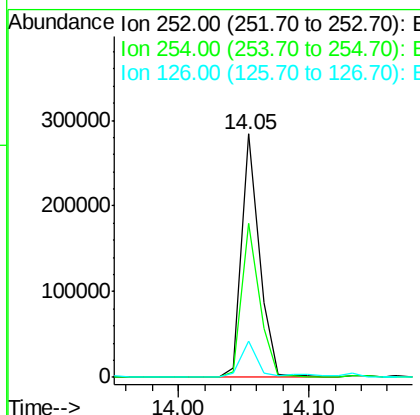
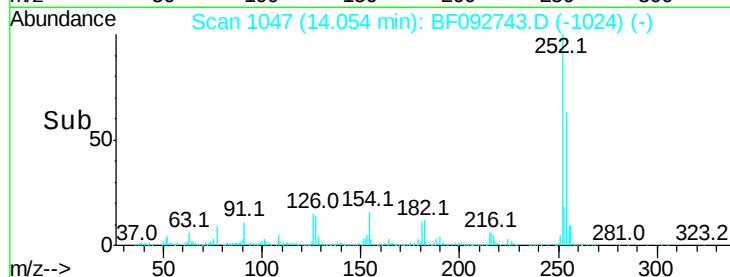
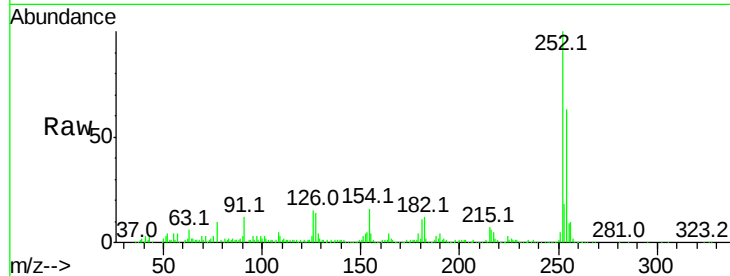
#81
 3,3'-Dichlorobenzidine
 Concen: 42.85 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.2	52.3	78.5
126	14.8	13.6	20.4

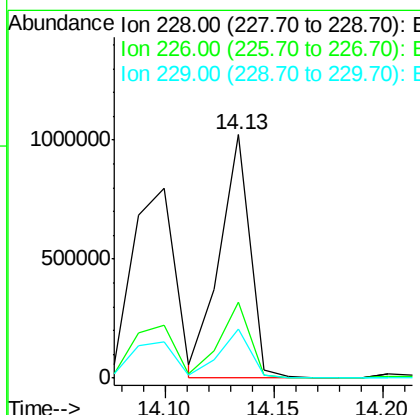
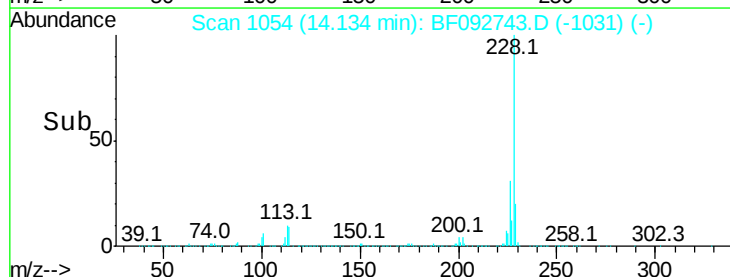
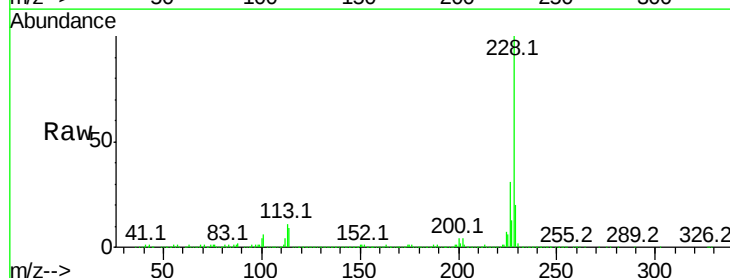
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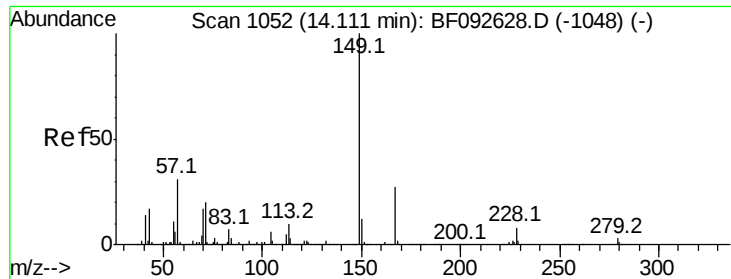
mohammad
 2/3/2017 1:22:30 PM



#82
 Chrysene
 Concen: 59.87 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.38 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.03 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

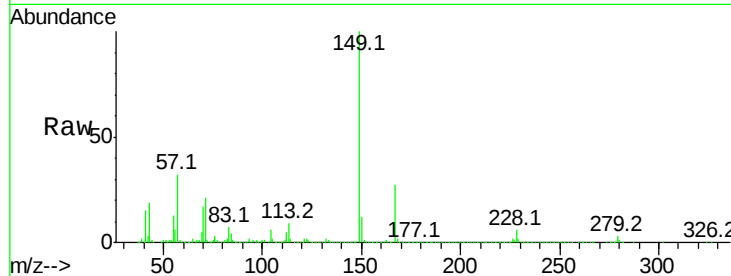
ClientSampleId :

SP-COMP-1A-0-2FTMS

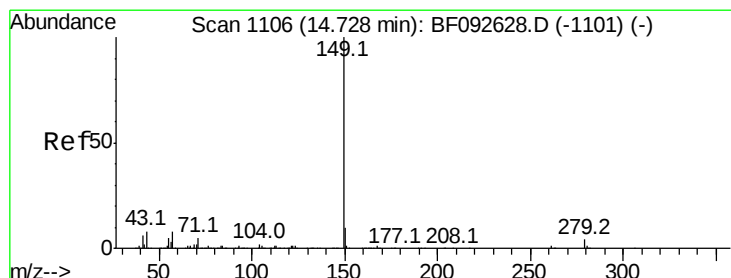
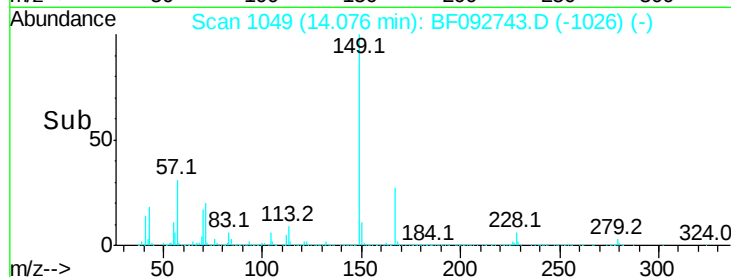
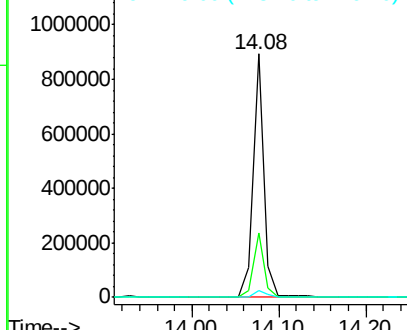
Tot Ion:	149	Resp:	777531
Ion Ratio	Lower	Upper	
149	100		
167	26.7	20.2	30.4
279	2.8	1.8	2.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
1200000
Ion 167.00 (166.70 to 167.70): E
1000000
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 62.93 ng

RT: 14.69 min Scan# 1103

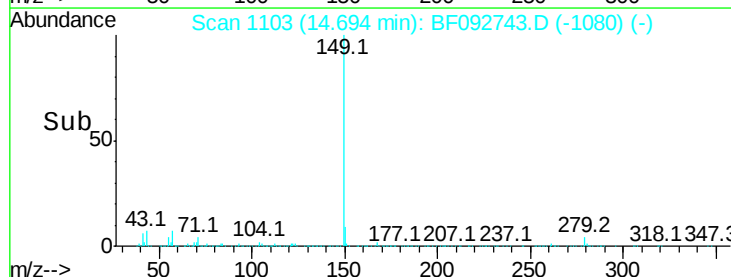
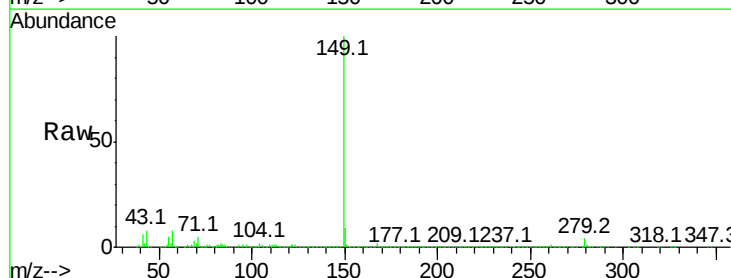
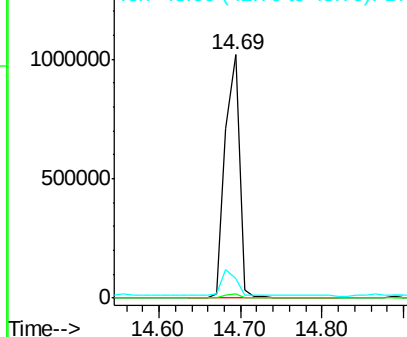
Delta R.T. -0.03 min

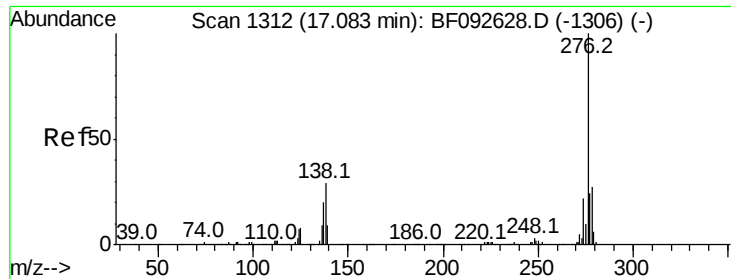
Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Tgt Ion:	149	Resp:	1218734
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.0	8.9	13.3

Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





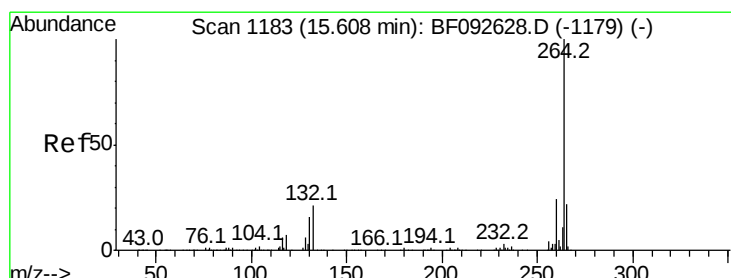
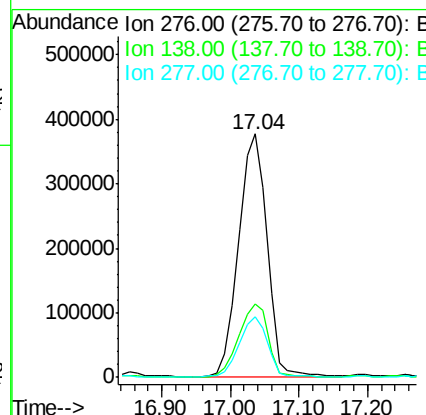
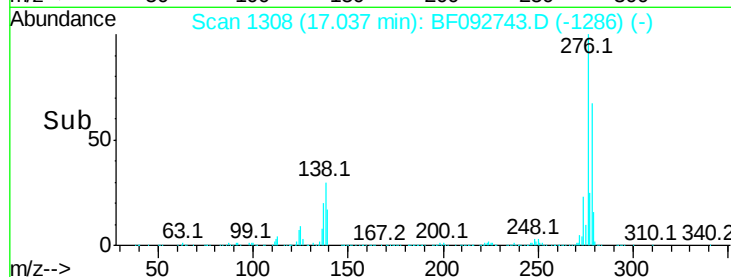
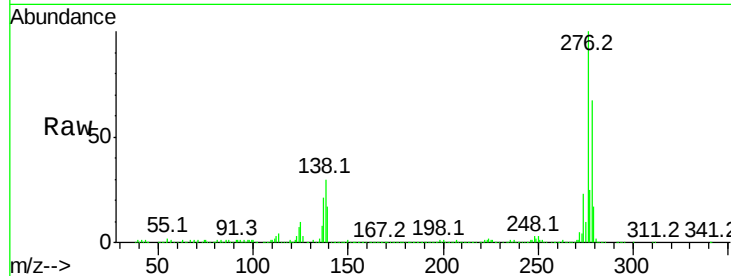
#85
Indeno(1,2,3-cd)pyrene
Concen: 85.47 ng
RT: 17.04 min Scan# 1308
Delta R.T. -0.05 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion:276 Resp: 1084861
Ion Ratio Lower Upper
276 100
138 30.6 21.8 32.6
277 24.7 20.2 30.4

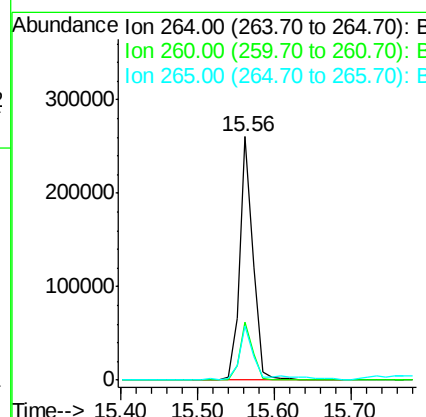
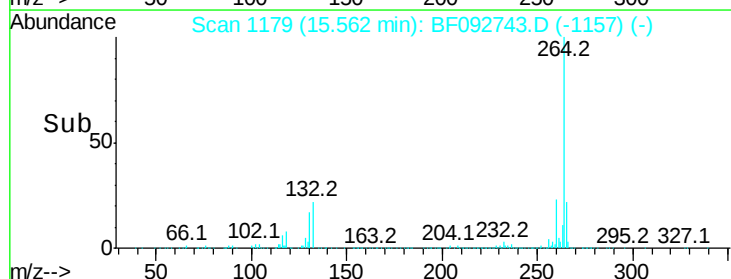
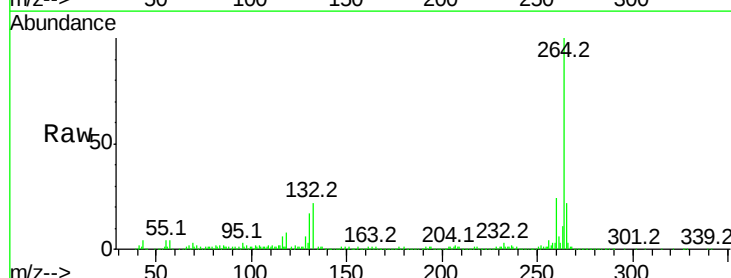
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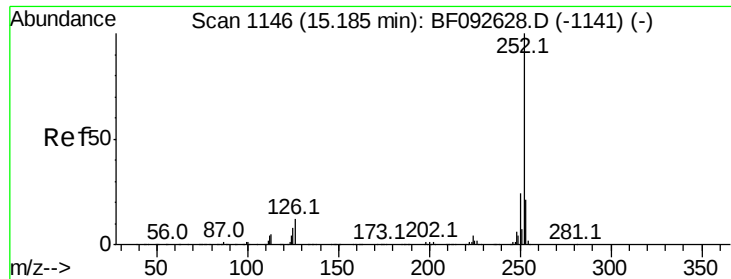
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion:264 Resp: 321059
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.2 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 49.69 ng m

RT: 15.14 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

Instrument :

BNA_F

ClientSampleId :

SP-COMP-1A-0-2FTMS

Tot Ion:252 Resp: 1050096

Ion Ratio Lower Upper

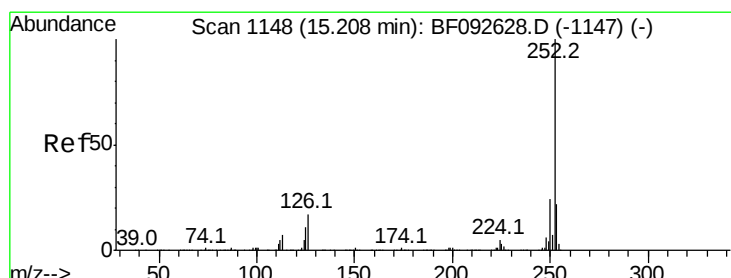
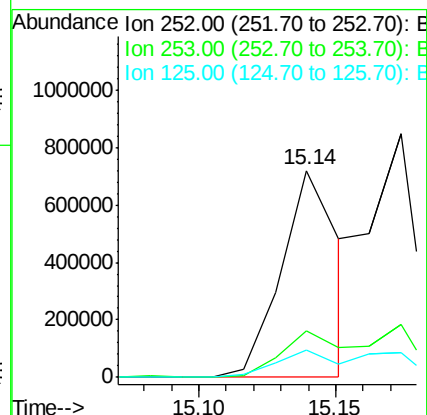
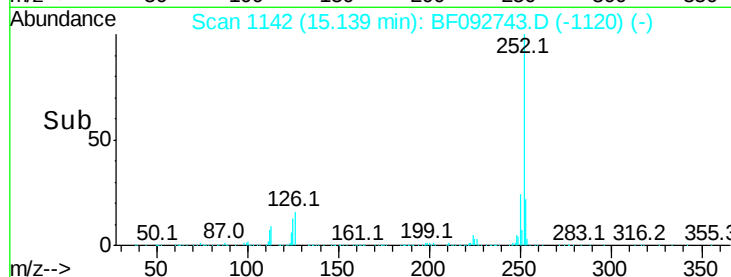
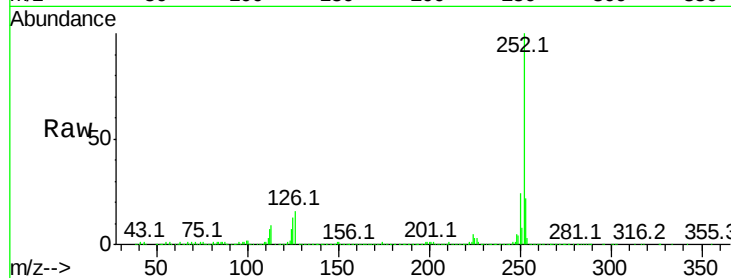
252 100

253 22.2 18.2 27.4

125 13.0 9.8 14.6

Manual Integrations
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mohammad
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#88

Benzo(k)fluoranthene

Concen: 53.46 ng m

RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF092743.D

Acq: 2 Feb 2017 18:59

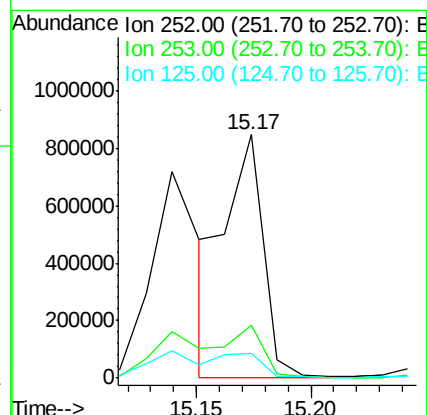
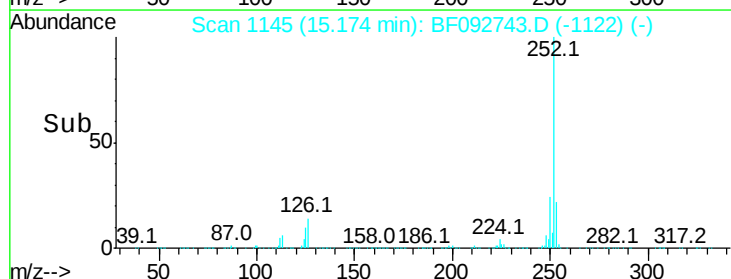
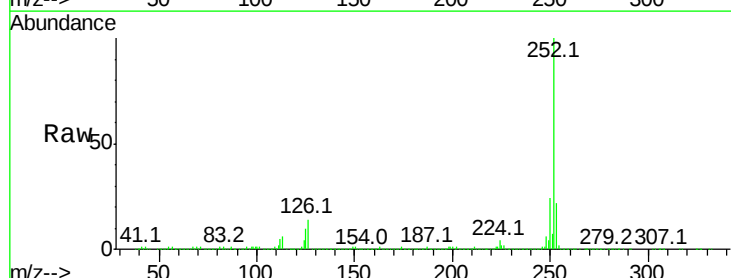
Tgt Ion:252 Resp: 975414

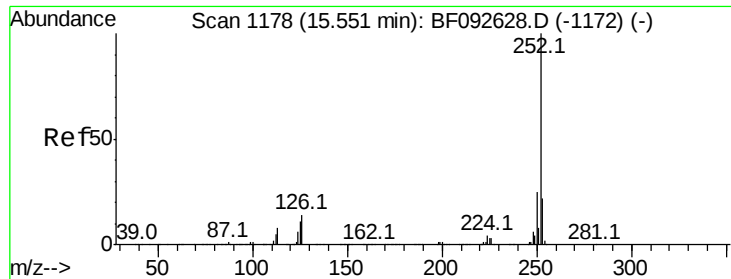
Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

125 9.9 8.9 13.3





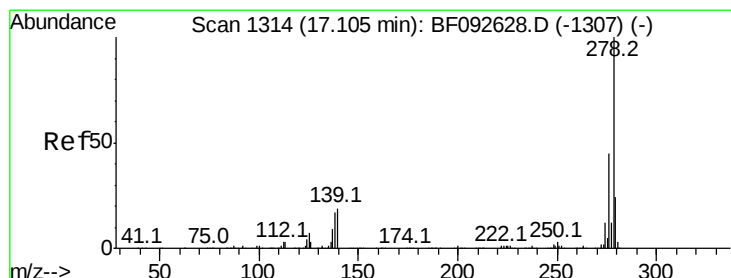
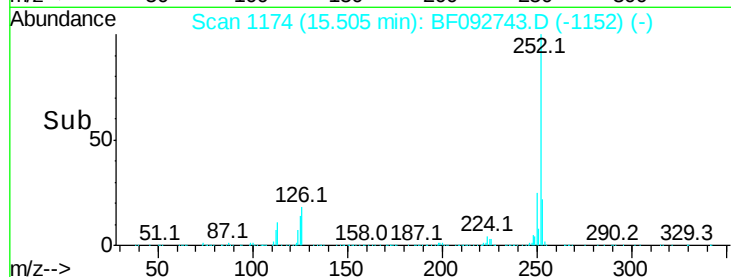
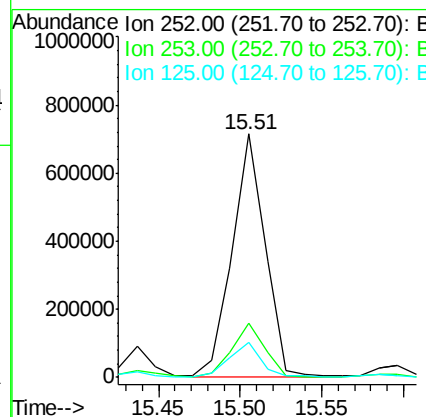
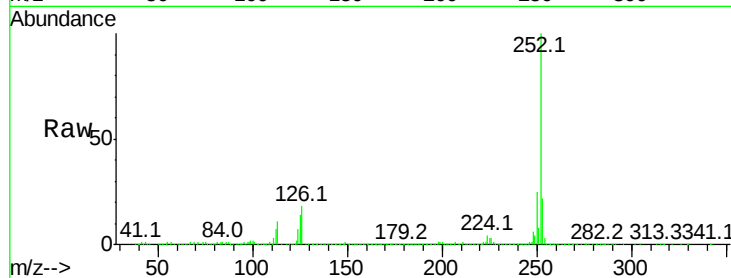
#89
Benzo(a)pyrene
Concen: 54.47 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	18.2	27.2	
125	14.2	10.0	15.0	

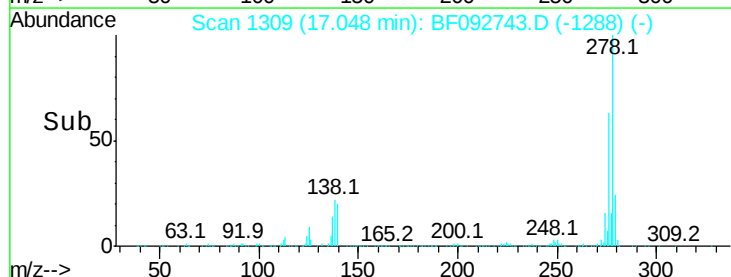
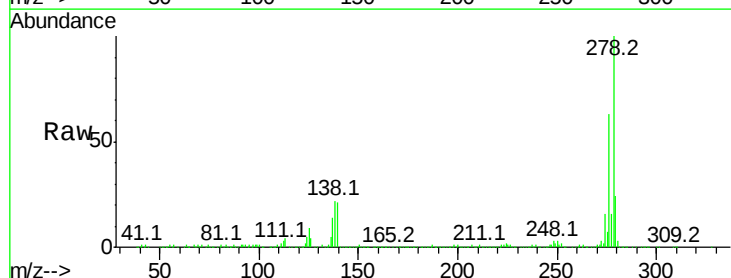
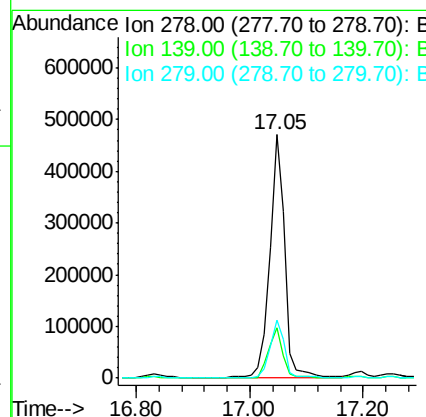
Manual Integrations
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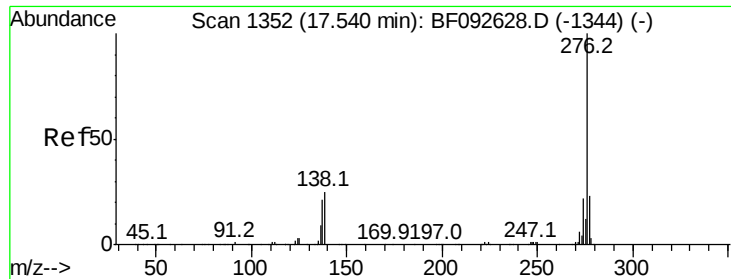
mohammad
2/3/2017 1:22:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 58.69 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.06 min
Lab File: BF092743.D
Acq: 2 Feb 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	20.5	14.8	22.2	
279	23.9	19.8	29.6	





#91
 Benzo(a,h,i)perylene
 Concen: 61.83 ng
 RT: 17.48 min Scan# 1347
 Delta R.T. -0.06 min
 Lab File: BF092743.D
 Acq: 2 Feb 2017 18:59

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

Tot Ion:	276	Resp:	922817
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	24.5	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/3/2017 1:22:30 PM

