

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092438.D
 Acq On : 24 Jan 2017 19:33
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:49:53 PM

Quant Time: Jan 24 23:59:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159130	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	621861	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	347875	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	550126	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	412864	20.00	ng	-0.01
86) Perylene-d12	15.63	264	330784	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	745338	72.87	ng	0.00
7) Phenol-d6	6.59	99	1031636	79.19	ng	0.00
23) Nitrobenzene-d5	7.54	82	955726	83.95	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	183463	77.39	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1462039	77.72	ng	-0.01
78) Terphenyl-d14	13.10	244	1202276	77.54	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	211768	38.93	ng	# 85
3) Pyridine	3.37	79	611947	39.52	ng	85
4) n-Nitrosodimethylamine	3.32	42	285523	37.58	ng	82
6) Aniline	6.62	93	728665	37.50	ng	# 47
8) 2-Chlorophenol	6.75	128	429782	40.00	ng	99
9) Benzaldehyde	6.51	77	343731	37.18	ng	90
10) Phenol	6.60	94	670981	42.67	ng	# 70
11) bis(2-Chloroethyl)ether	6.70	93	485079	41.23	ng	100
12) 1,3-Dichlorobenzene	6.91	146	510408m	40.17	ng	
13) 1,4-Dichlorobenzene	6.99	146	509452	39.84	ng	93
14) 1,2-Dichlorobenzene	7.14	146	437050	36.03	ng	98
15) Benzyl Alcohol	7.10	79	354263	36.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	907652	39.00	ng	92
17) 2-Methylphenol	7.22	107	365122	39.78	ng	95
18) Hexachloroethane	7.49	117	172712	39.21	ng	# 90
19) n-Nitroso-di-n-propylamine	7.39	70	349629	39.41	ng	96
20) 3+4-Methylphenols	7.38	107	452751	40.65	ng	# 76
22) Acetophenone	7.38	105	556499	37.57	ng	# 88
24) Nitrobenzene	7.55	77	452191	37.92	ng	95
25) Isophorone	7.80	82	881471	39.29	ng	98
26) 2-Nitrophenol	7.87	139	198533	39.73	ng	91
27) 2,4-Dimethylphenol	7.90	122	398282	38.32	ng	98
28) bis(2-Chloroethoxy)methane	8.01	93	522124	35.46	ng	98
29) 2,4-Dichlorophenol	8.11	162	346382	38.44	ng	88
30) 1,2,4-Trichlorobenzene	8.20	180	377319	38.74	ng	94
31) Naphthalene	8.28	128	1171501	36.81	ng	99
32) Benzoic acid	8.02	122	298629	39.37	ng	97
33) 4-Chloroaniline	8.33	127	486528	36.13	ng	# 94
34) Hexachlorobutadiene	8.41	225	216636	40.67	ng	99
35) Caprolactam	8.70	113	115851	38.50	ng	# 22
36) 4-Chloro-3-methylphenol	8.81	107	377027	38.80	ng	95
37) 2-Methylnaphthalene	8.98	142	761999	37.82	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	366022	41.71	ng	100
40) Hexachlorocyclopentadiene	9.14	237	177804	40.46	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	256403	38.14	nq	91
43) 2,4,5-Trichlorophenol	9.30	196	247999	40.31	nq #	83
45) 1,1'-Biphenyl	9.45	154	907651	36.09	nq	97
46) 2-Chloronaphthalene	9.47	162	743542	36.20	nq	95
47) 2-Nitroaniline	9.56	65	255590	36.95	nq	90
48) Acenaphthylene	9.89	152	1253348	41.61	nq	99
49) Dimethylphthalate	9.76	163	918603	41.52	nq	99
50) 2,6-Dinitrotoluene	9.81	165	211874	46.86	nq	94
51) Acenaphthene	10.06	154	723733	38.66	nq	96
52) 3-Nitroaniline	9.98	138	250253	44.19	nq #	74
53) 2,4-Dinitrophenol	10.08	184	57590	31.86	nq #	1
54) Dibenzofuran	10.24	168	1005289	39.55	nq	95
55) 4-Nitrophenol	10.12	139	172161	38.28	nq	89
56) 2,4-Dinitrotoluene	10.21	165	269686	44.93	nq	90
57) Fluorene	10.58	166	738712	39.19	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	196202	42.57	nq	100
59) Diethylphthalate	10.45	149	845836	39.88	nq	99
60) 4-Chlorophenyl-phenylether	10.57	204	350370	38.33	nq	98
61) 4-Nitroaniline	10.59	138	224358	39.61	nq	94
62) Azobenzene	10.73	77	902590	37.39	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	109072	37.95	nq	93
65) n-Nitrosodiphenylamine	10.69	169	742409	43.21	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	223050	40.16	nq #	88
67) Hexachlorobenzene	11.13	284	219035	39.01	nq #	87
68) Atrazine	11.22	200	220746	37.54	nq	98
69) Pentachlorophenol	11.32	266	160233	44.64	nq	97
70) Phenanthrene	11.54	178	1140286	37.64	nq	98
71) Anthracene	11.60	178	1241680	41.94	nq	99
72) Carbazole	11.74	167	1024194	36.23	nq	100
73) Di-n-butylphthalate	12.09	149	1426440	44.13	nq #	96
74) Fluoranthene	12.73	202	1168878	39.45	nq	97
76) Benzidine	12.85	184	635178	41.44	nq	99
77) Pyrene	12.96	202	1233371	41.23	nq	100
79) Butylbenzylphthalate	13.59	149	600514	49.55	nq #	84
80) Benzo(a)anthracene	14.15	228	849590	38.29	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	354015	42.02	nq #	96
82) Chrysene	14.18	228	922339	38.92	nq	99
83) Bis(2-ethylhexyl)phthalate	14.15	149	715139	46.86	nq #	97
84) Di-n-octyl phthalate	14.76	149	1317796	47.56	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	777748	44.36	nq #	93
87) Benzo(b)fluoranthene	15.21	252	878542	41.37	nq #	96
88) Benzo(k)fluoranthene	15.23	252	661633m	37.47	nq	
89) Benzo(a)pyrene	15.57	252	726117	40.42	nq	99
90) Dibenzo(a,h)anthracene	17.14	278	675215	46.48	nq	96
91) Benzo(g,h,i)perylene	17.57	276	695113	47.32	nq #	92

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

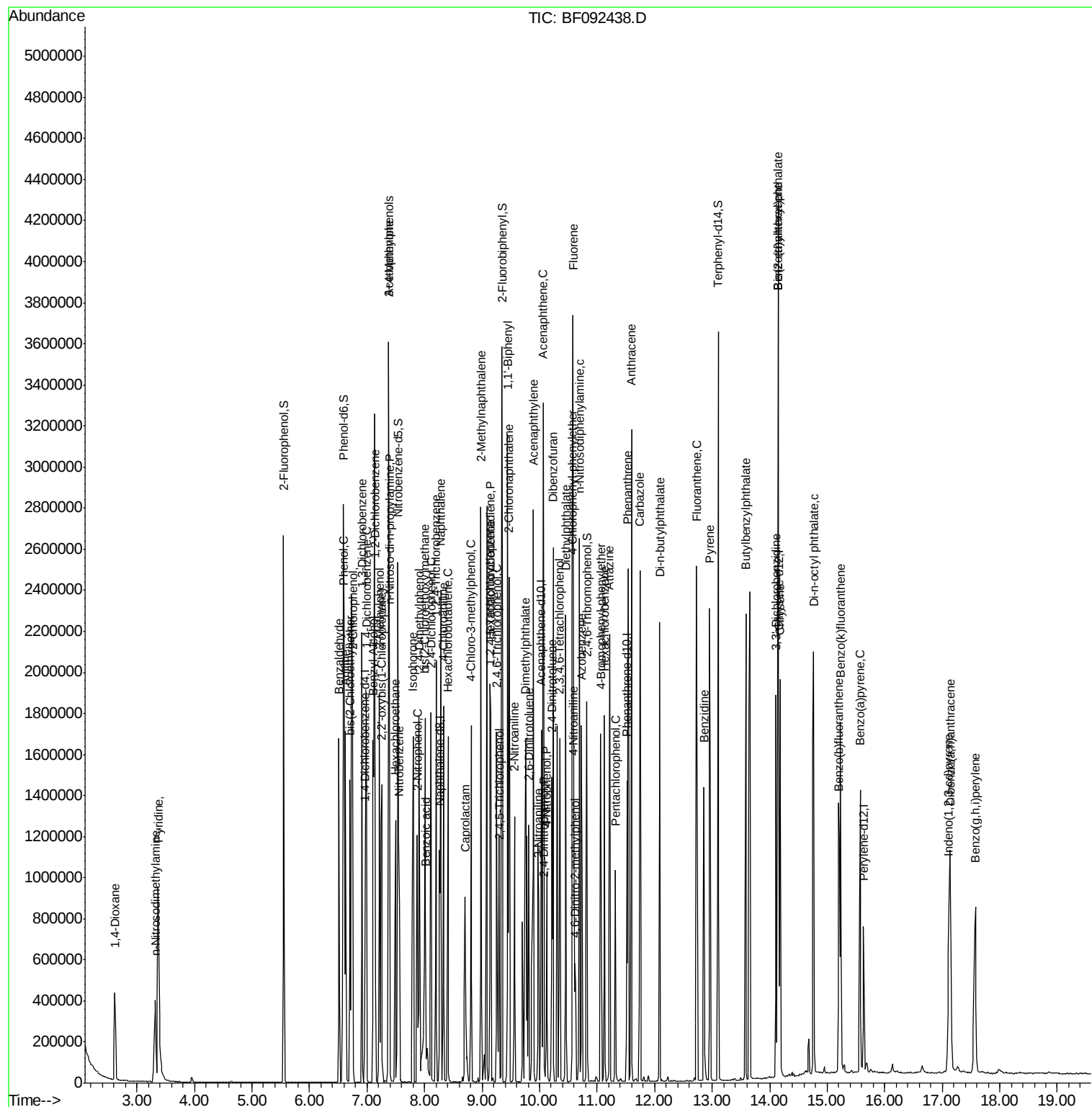
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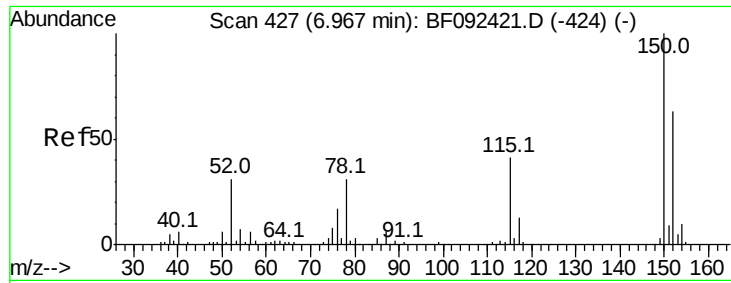
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

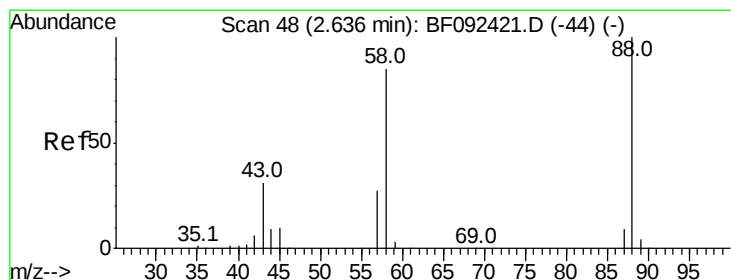
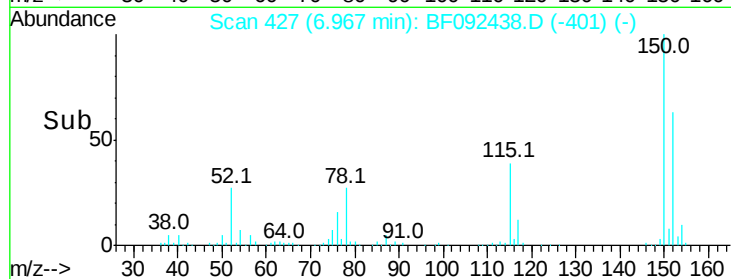
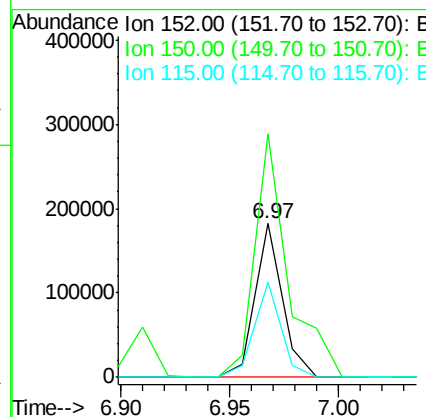
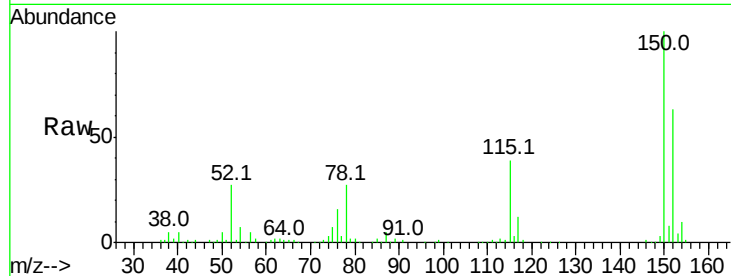
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	159130
Ion Ratio	Lower	Upper	
152	100		
150	158.4	124.9	187.3
115	61.7	46.0	69.0

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#2

1,4-Dioxane

Concen: 38.93 ng

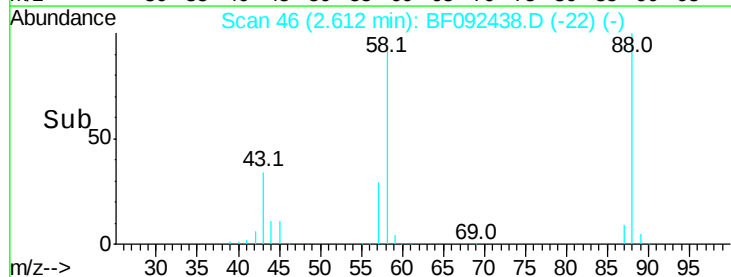
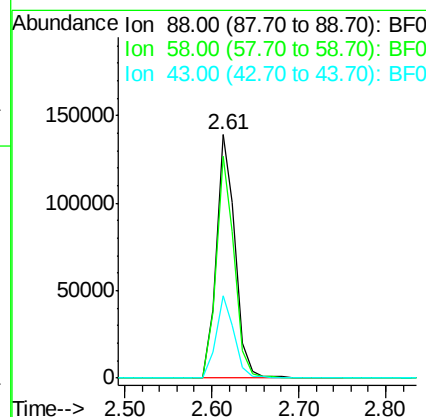
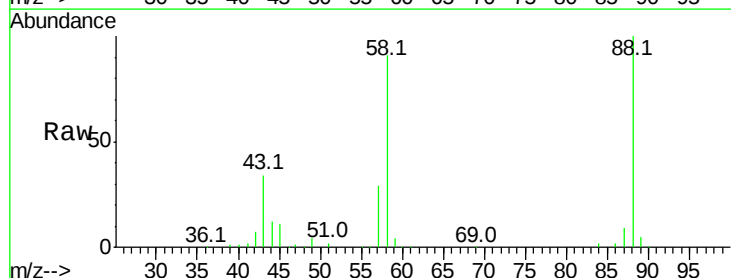
RT: 2.61 min Scan# 46

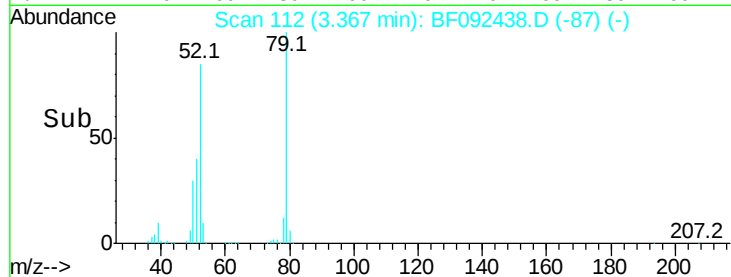
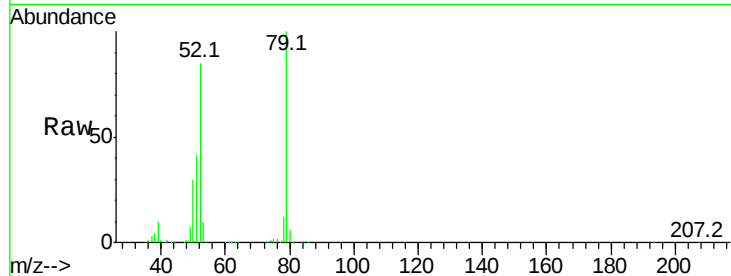
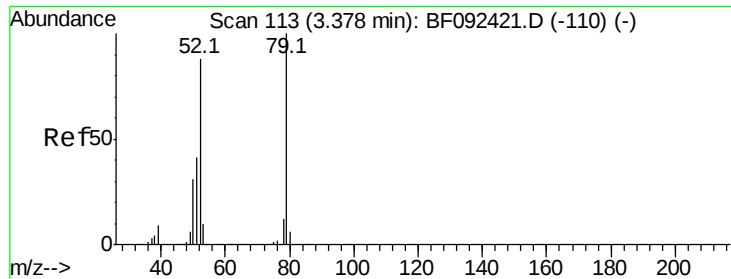
Delta R.T. -0.02 min

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Tgt Ion:	88	Resp:	211768
Ion Ratio	Lower	Upper	
88	100		
58	87.1	57.8	86.8#
43	32.8	22.3	33.5





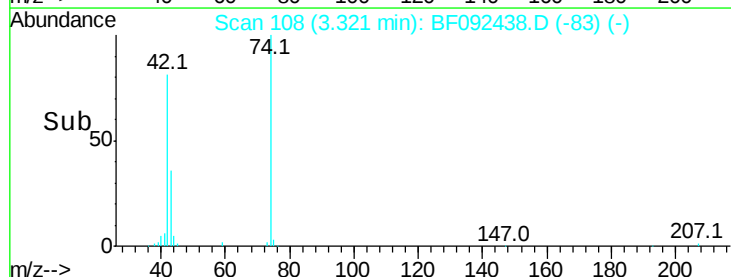
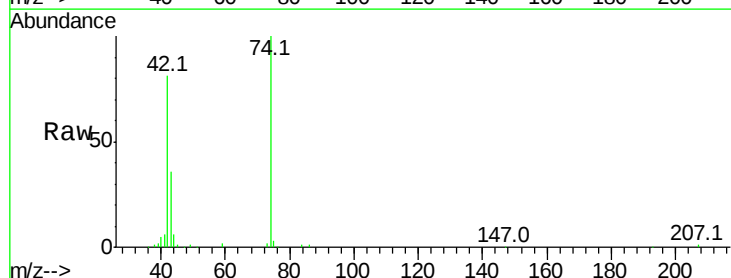
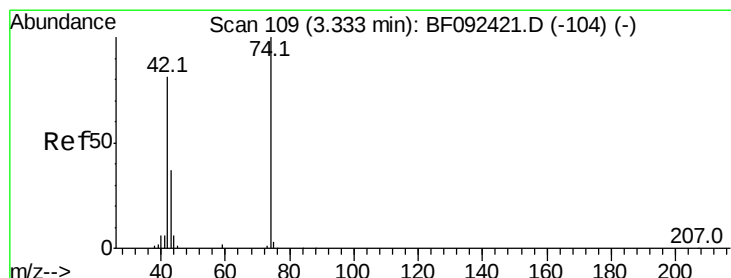
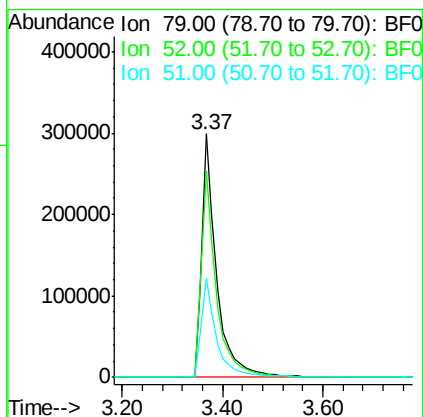
#3
Pvridine
Concen: 39.52 ng
RT: 3.37 min Scan# 112
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.8	57.1	85.7
51	40.6	27.3	40.9

Instrument :
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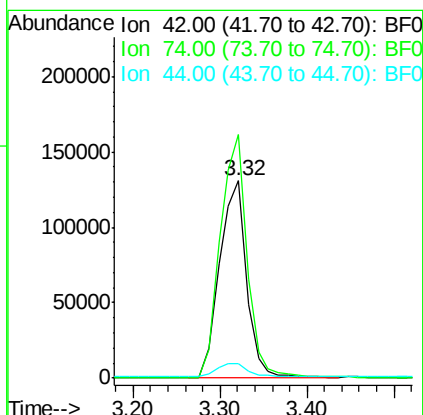
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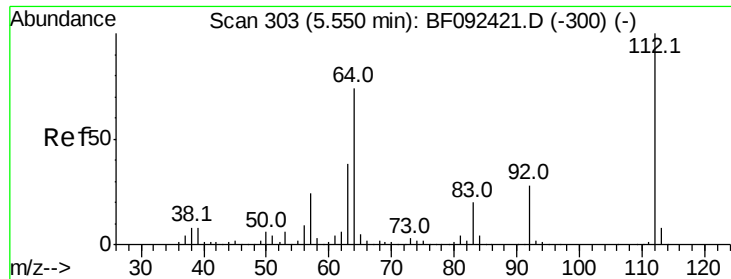
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#4
n-Nitrosodimethylamine
Concen: 37.58 ng
RT: 3.32 min Scan# 108
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.3	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 72.87 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

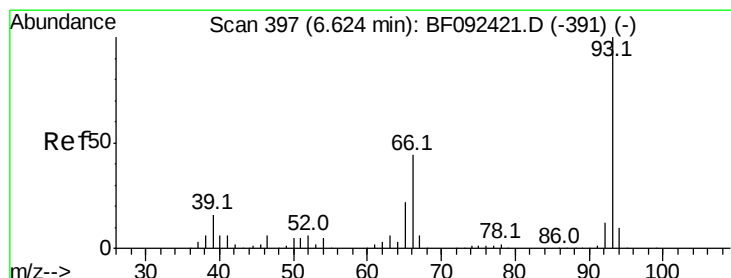
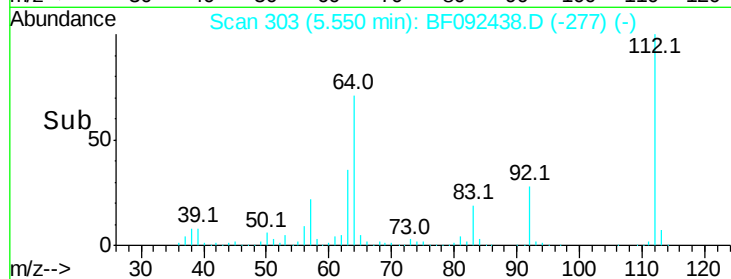
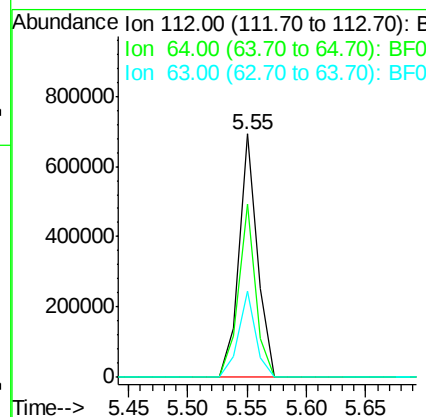
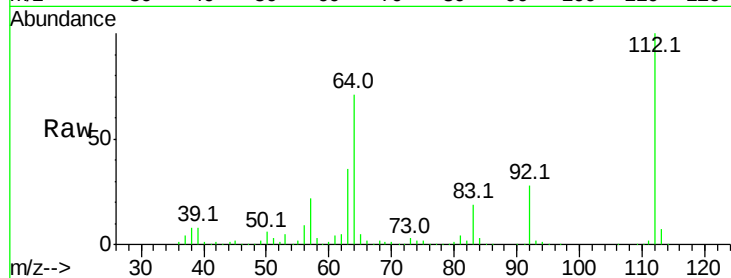
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	745338
Ion Ratio	Lower	Upper	
112	100		
64	70.9	46.1	69.1#
63	35.6	23.8	35.6

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#6

Aniline

Concen: 37.50 ng

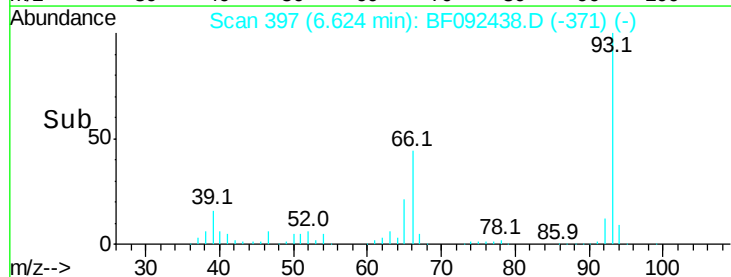
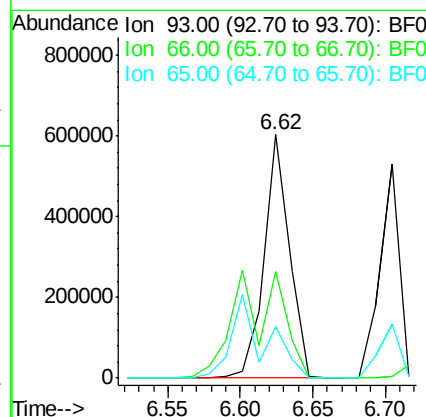
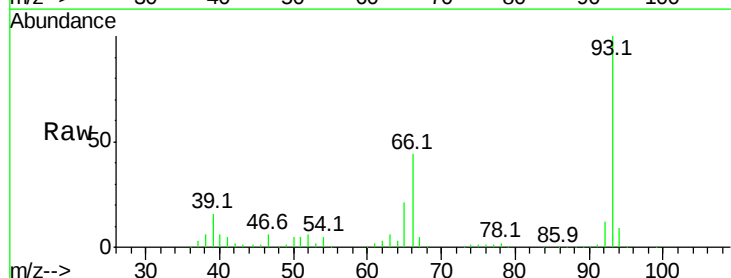
RT: 6.62 min Scan# 397

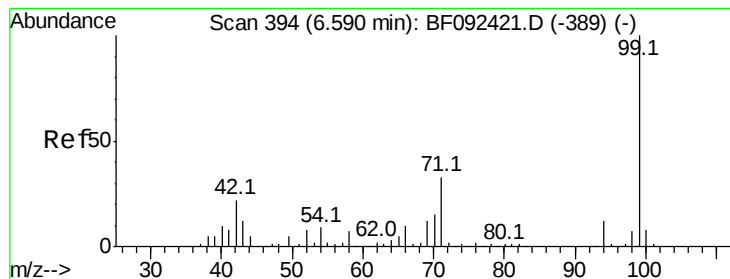
Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion:	93	Resp:	728665
Ion Ratio	Lower	Upper	
93	100		
66	43.7	76.2	114.2#
65	21.5	49.3	73.9#





#7

Phenol-d6

Concen: 79.19 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1031636

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

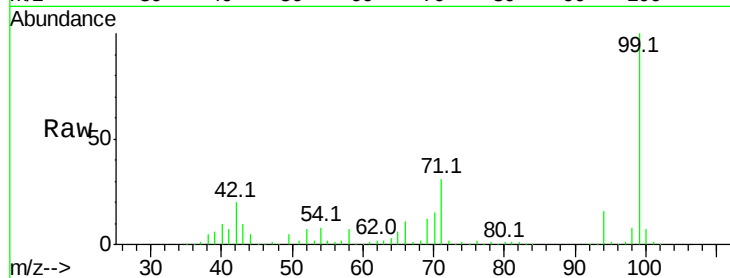
71 30.7 27.5 41.3

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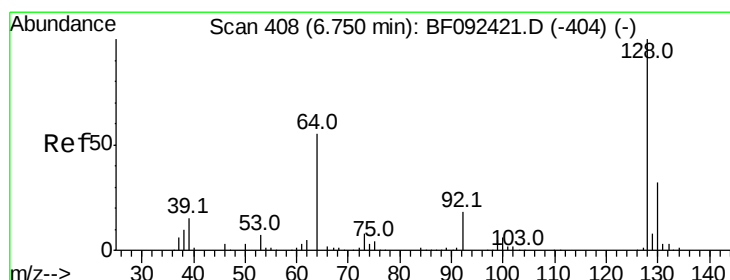
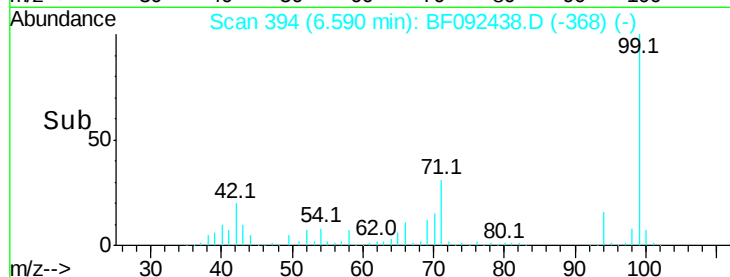
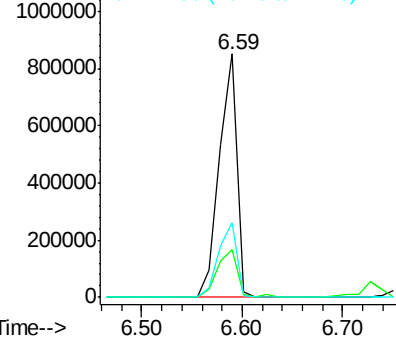
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

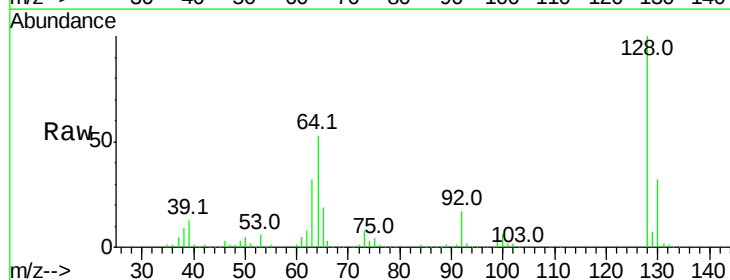
Tgt Ion:128 Resp: 429782

Ion Ratio Lower Upper

128 100

130 32.5 12.3 52.3

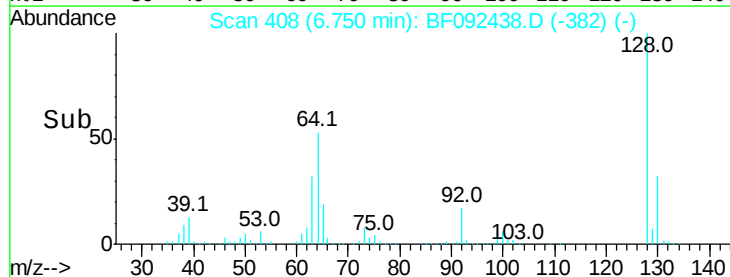
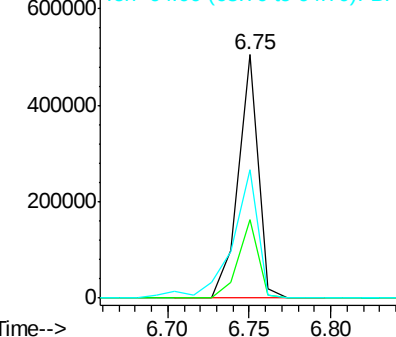
64 52.7 32.2 72.2

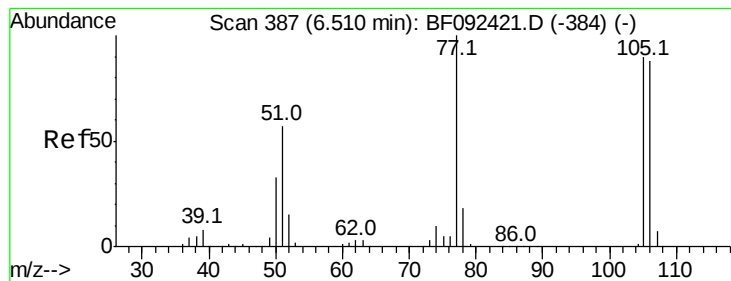


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.18 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

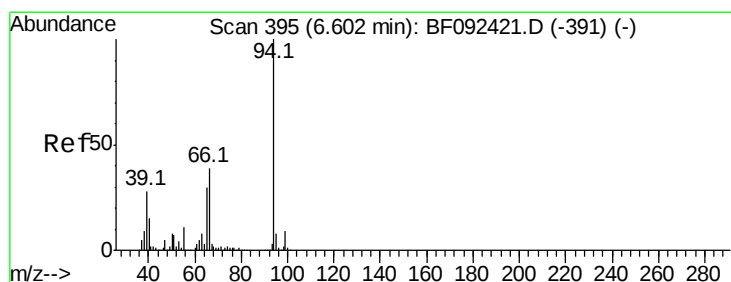
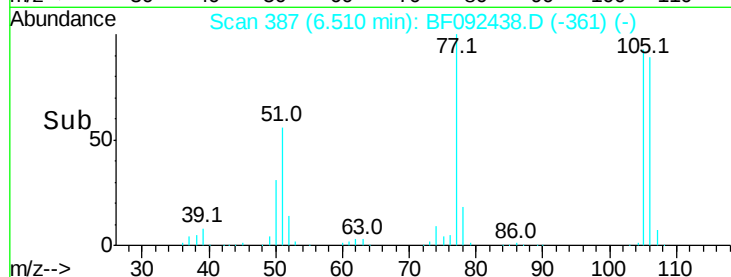
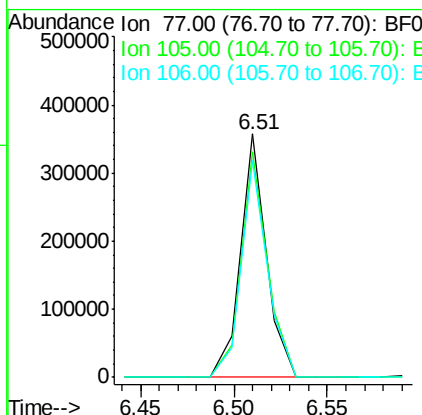
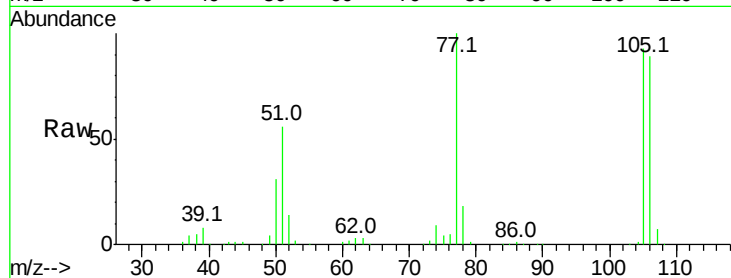
ClientSampleId :

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Tot Ion:	77	Resp:	343731
Ion Ratio	Lower	Upper	
77	100		
105	92.6	83.9	123.9
106	89.0	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 42.67 ng

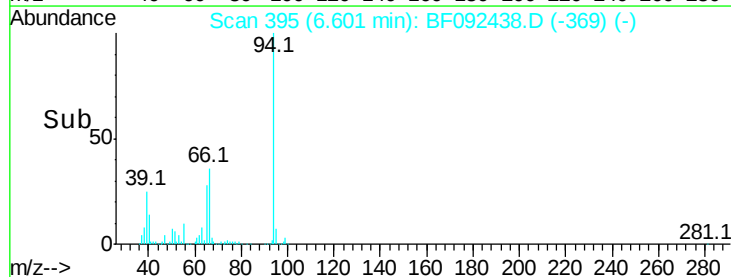
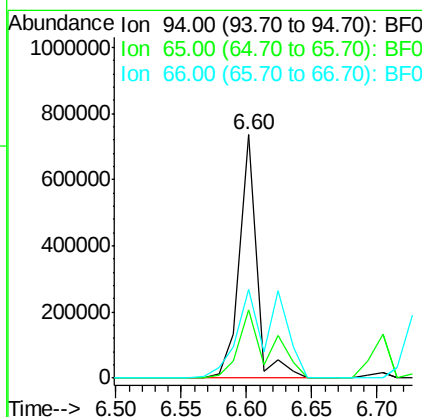
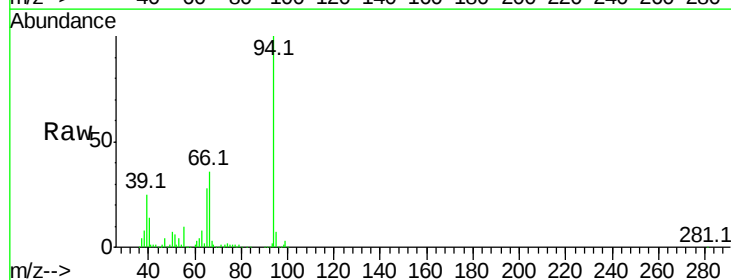
RT: 6.60 min Scan# 395

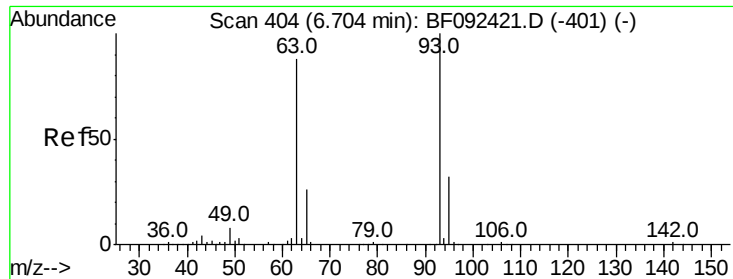
Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion:	94	Resp:	670981
Ion Ratio	Lower	Upper	
94	100		
65	28.3	21.4	61.4
66	36.2	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 41.23 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 93 Resp: 485079

Ion Ratio Lower Upper

93 100

63 80.4 60.4 100.4

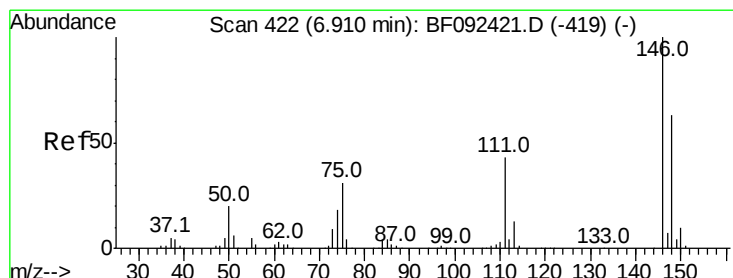
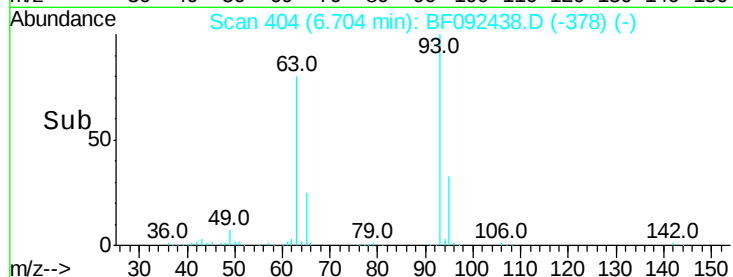
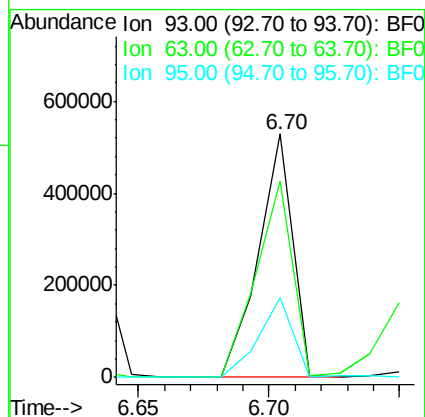
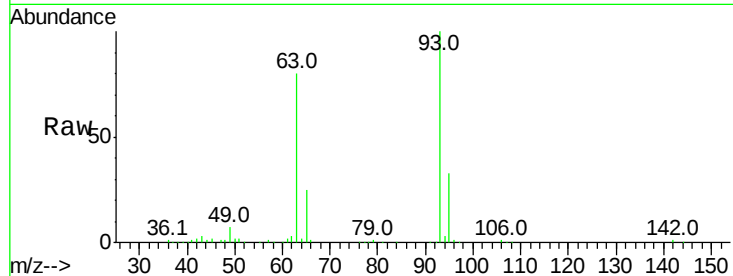
95 32.7 12.8 52.8

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 40.17 ng m

RT: 6.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

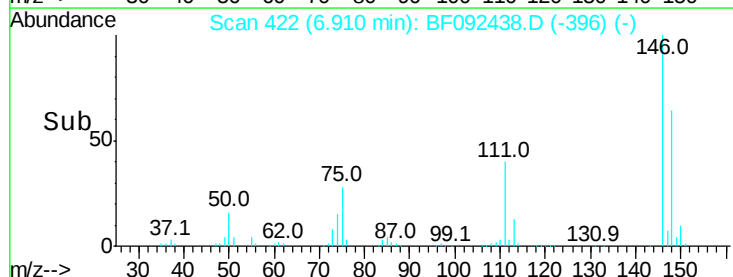
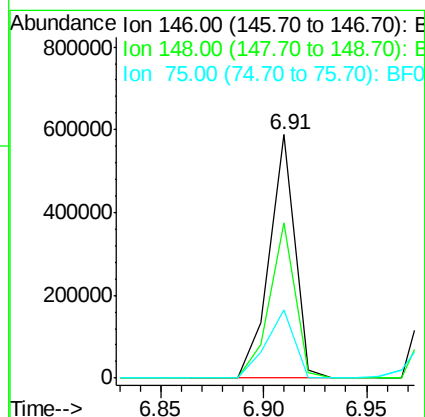
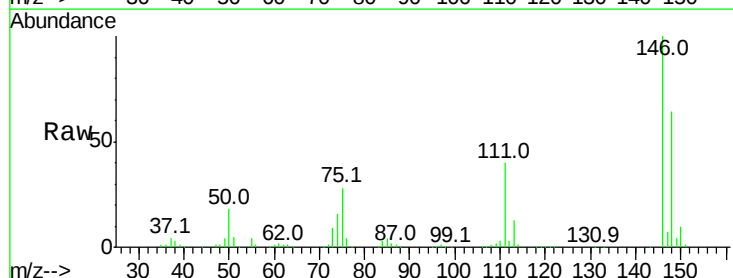
Tgt Ion: 146 Resp: 510408

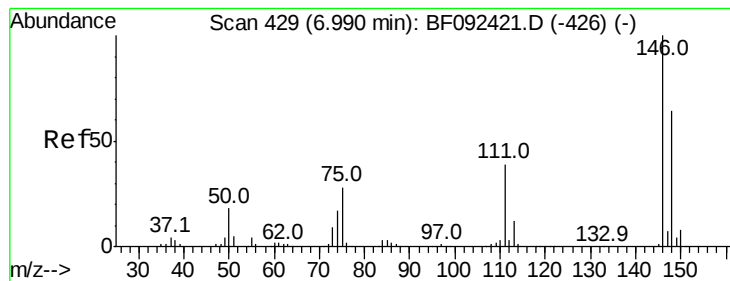
Ion Ratio Lower Upper

146 100

148 63.6 53.4 80.0

75 28.2 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 39.84 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

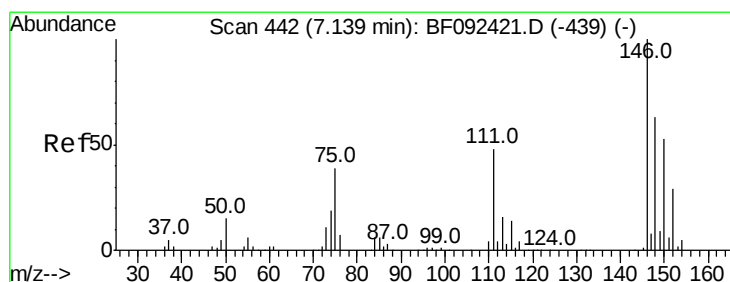
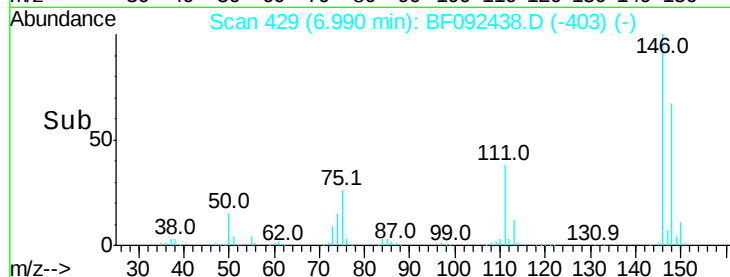
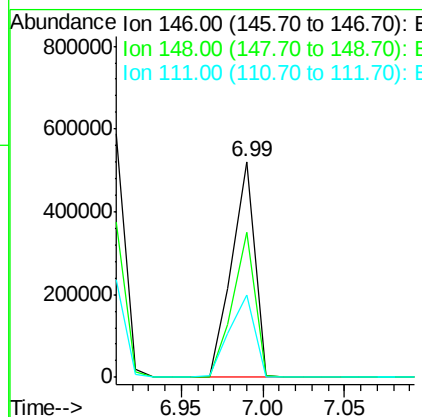
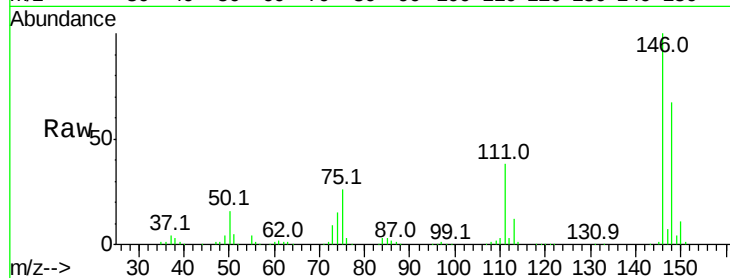
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	50.6	76.0
111	38.4	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 36.03 ng

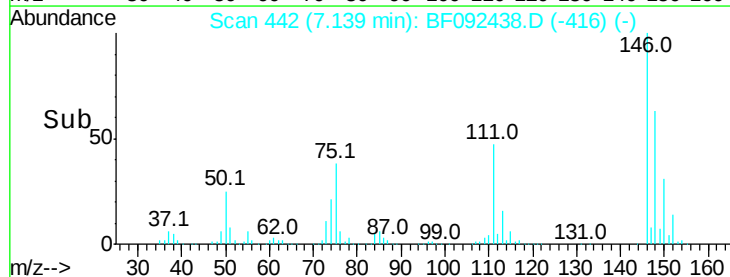
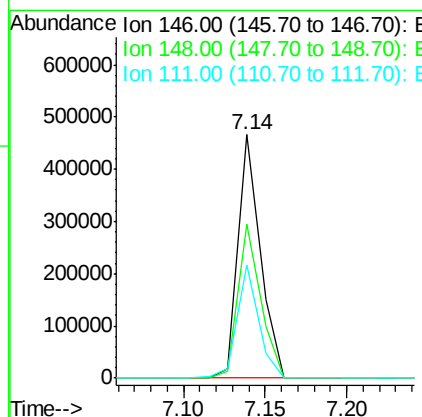
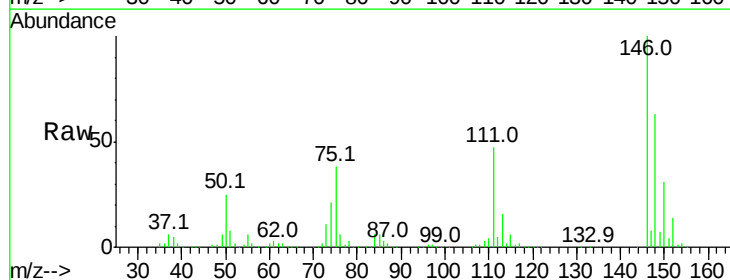
RT: 7.14 min Scan# 442

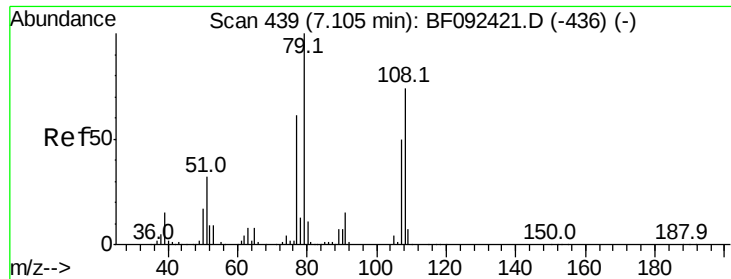
Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	46.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 36.08 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

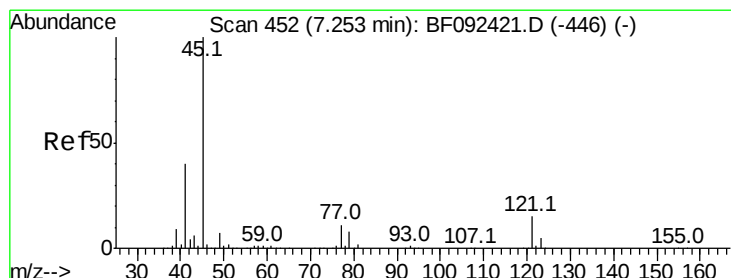
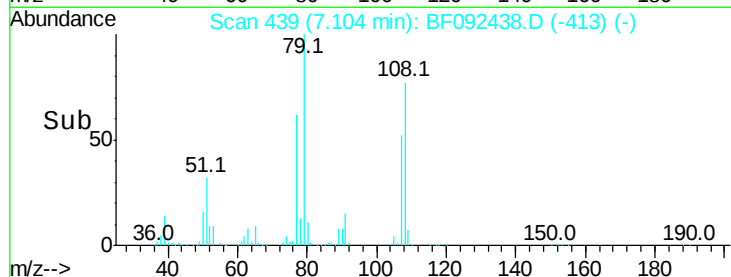
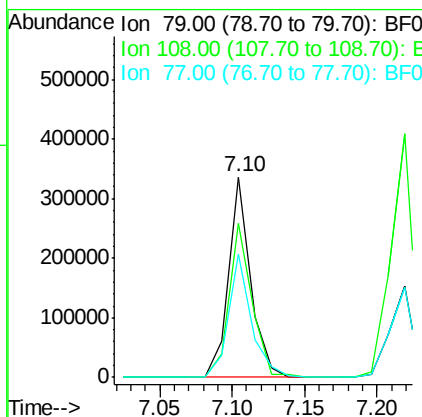
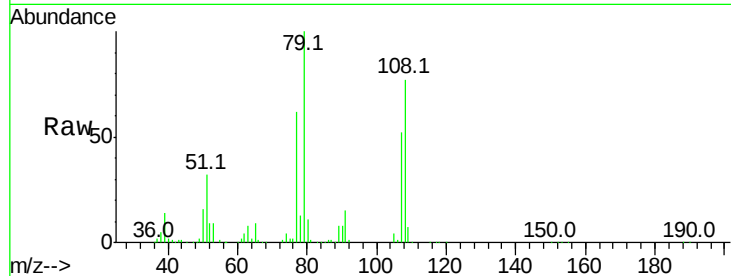
ClientSampled :

SSTDCCC040

Tot Ion:	79	Resp:	354263
Ion Ratio	Lower	Upper	
79	100		
108	76.5	61.4	92.0
77	61.8	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.00 ng

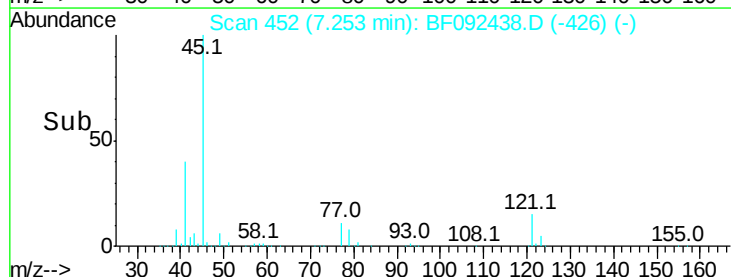
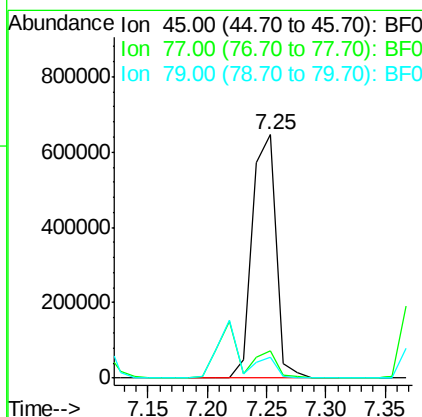
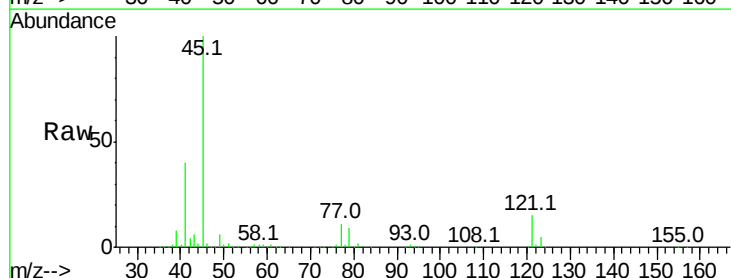
RT: 7.25 min Scan# 452

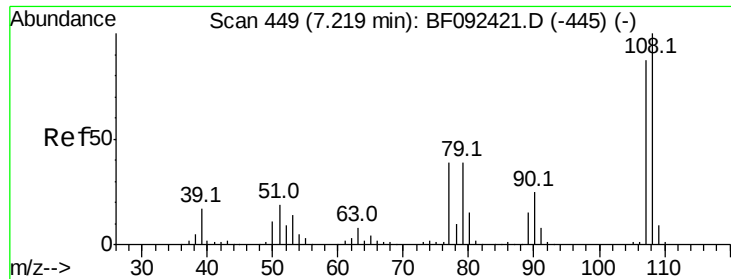
Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion:	45	Resp:	907652
Ion Ratio	Lower	Upper	
45	100		
77	11.0	0.0	34.6
79	8.6	0.0	31.2





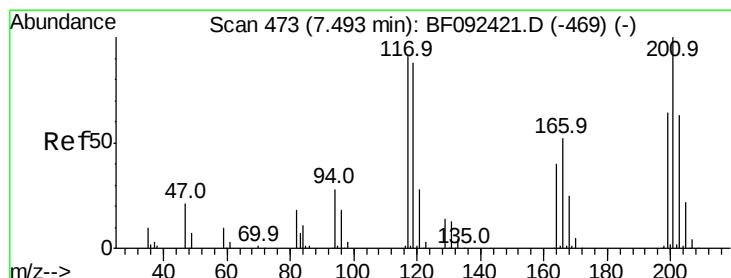
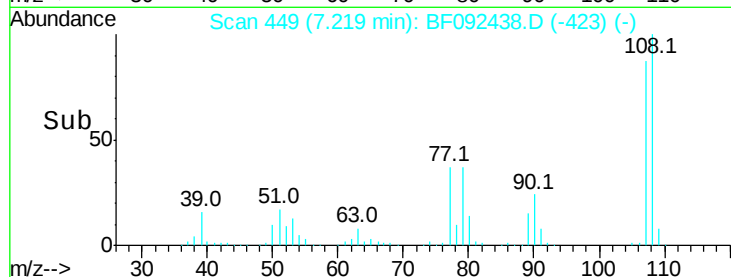
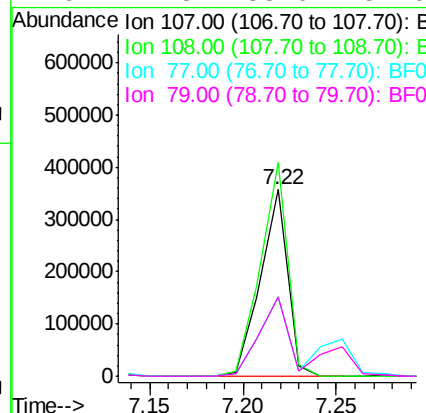
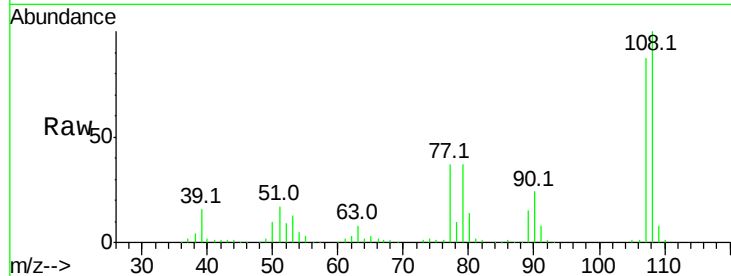
#17
2-Methylphenol
Concen: 39.78 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	365122
Ion Ratio	Lower	Upper	
107	100		
108	114.6	93.0	139.6
77	42.5	39.8	59.8
79	42.8	38.0	57.0

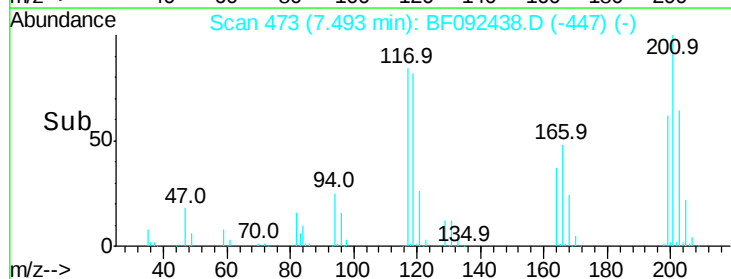
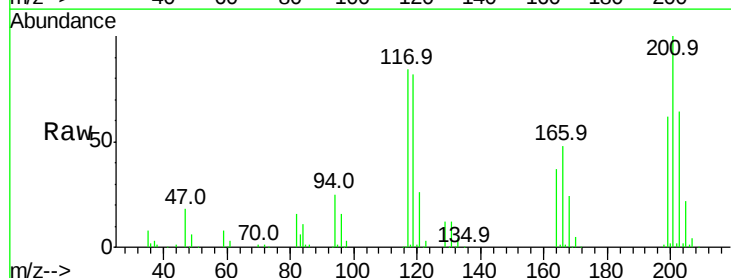
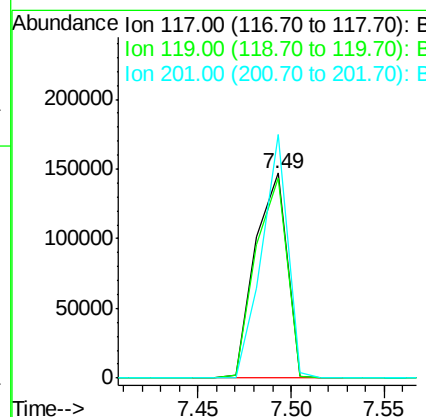
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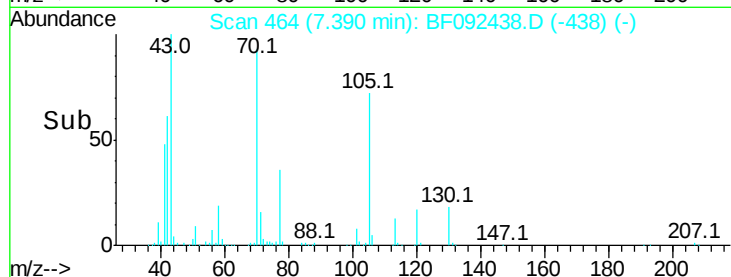
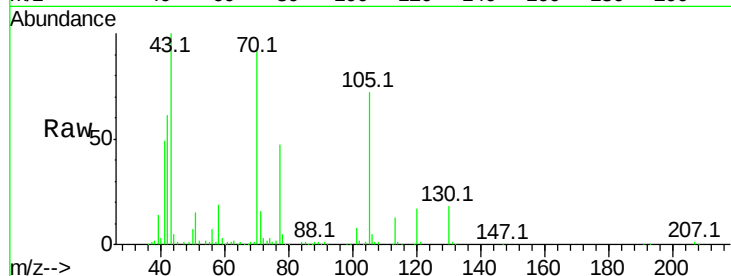
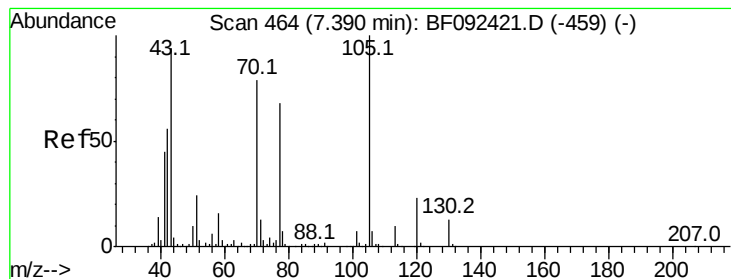
mohammad
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#18
Hexachloroethane
Concen: 39.21 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	117	Resp	172712
Ion Ratio	Lower	Upper	
117	100		
119	97.5	78.1	117.1
201	118.8	78.6	117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.41 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 349629

Ion Ratio Lower Upper

70 100

42 65.5 49.4 74.0

101 8.8 7.4 11.2

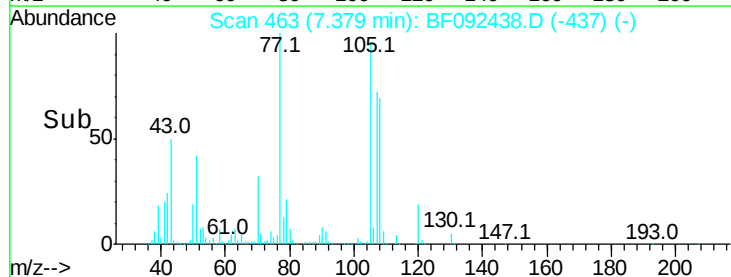
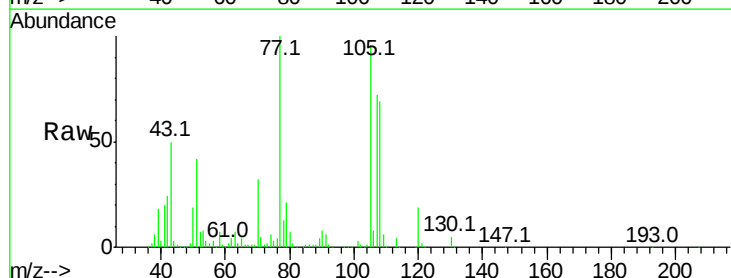
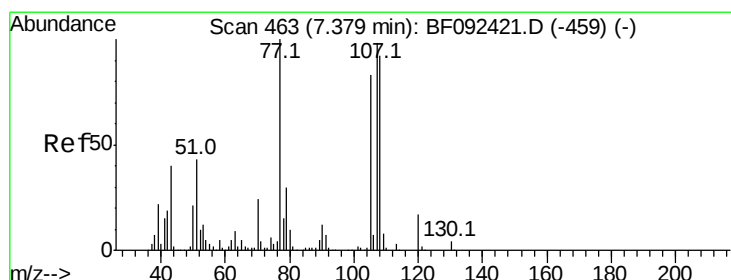
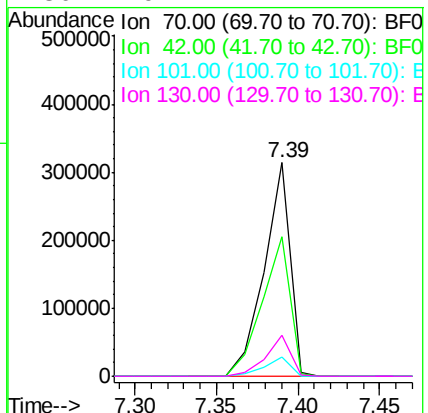
130 19.1 14.2 21.4

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#20

3+4-Methylphenols

Concen: 40.65 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion: 107 Resp: 452751

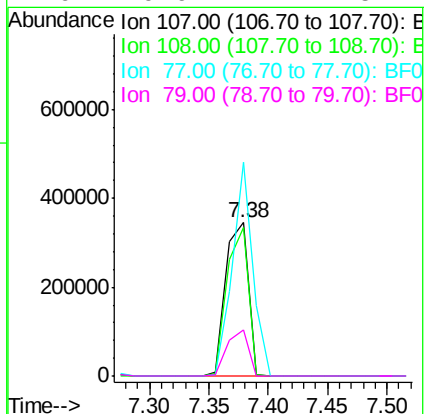
Ion Ratio Lower Upper

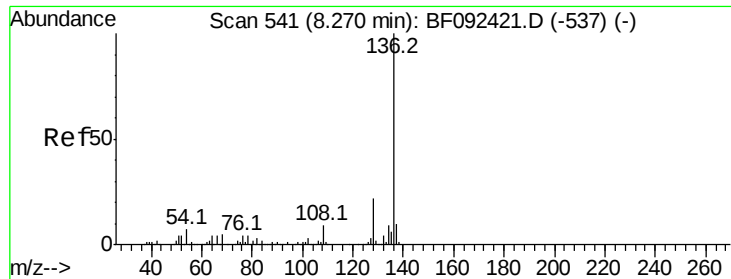
107 100

108 96.8 73.0 113.0

77 139.5 71.3 111.3#

79 29.9 11.1 51.1





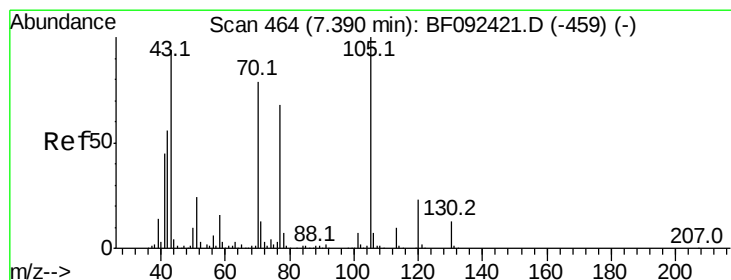
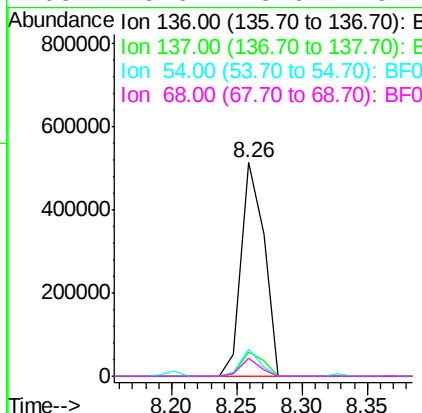
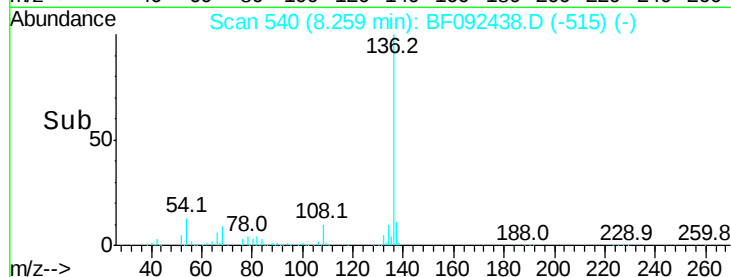
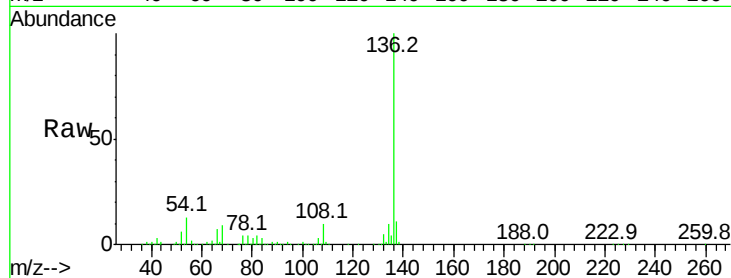
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	12.8	4.5	6.7#	
68	8.6	3.6	5.4#	

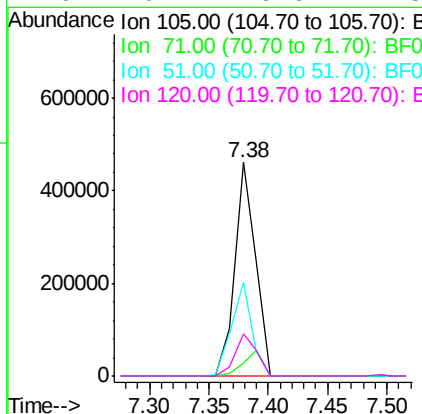
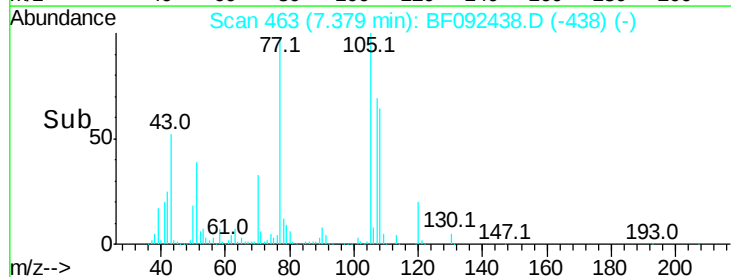
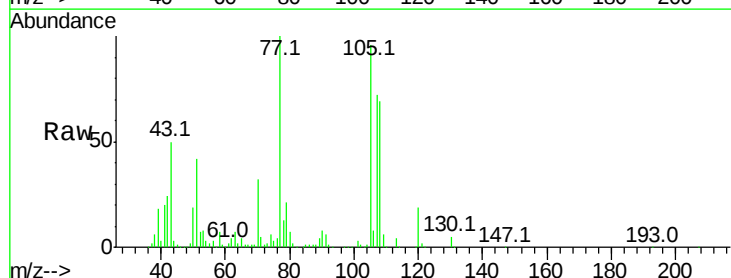
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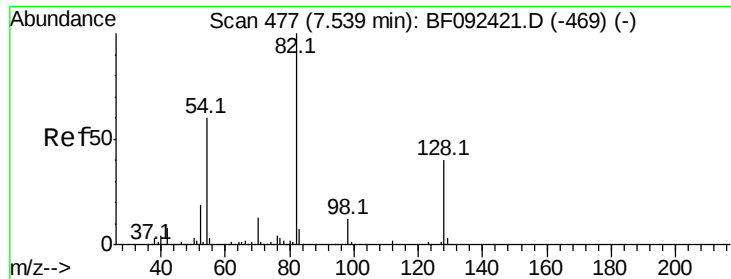
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#22
Acetophenone
Concen: 37.57 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.7	3.2	4.8#	
51	44.0	26.2	39.4#	
120	20.1	16.6	24.8	





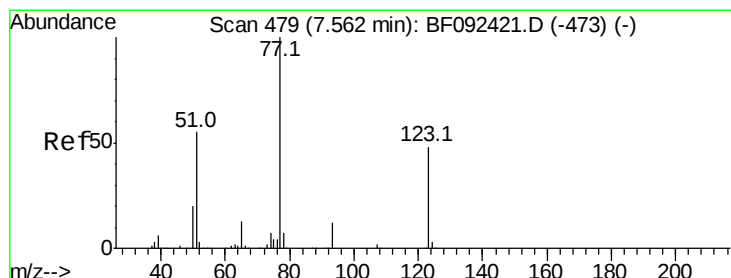
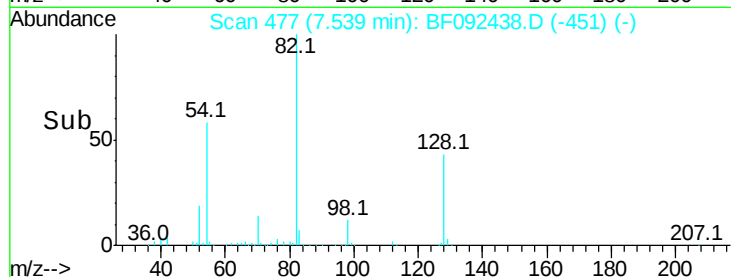
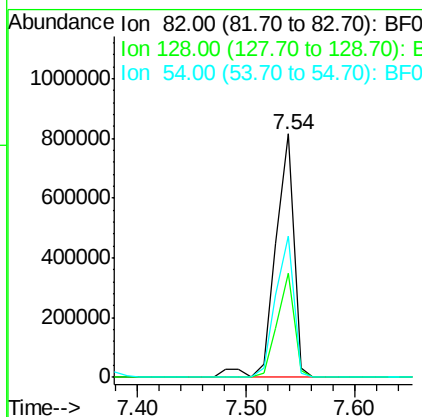
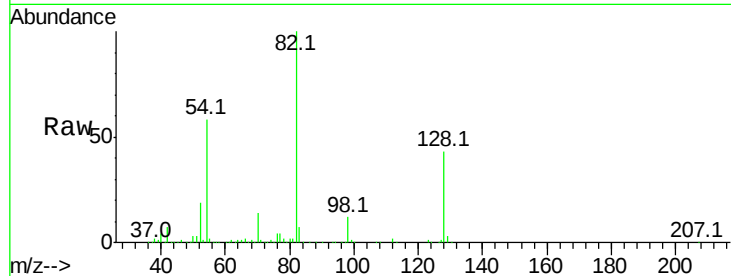
#23
 Nitrobenzene-d5
 Concen: 83.95 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	58.1	39.5	59.3

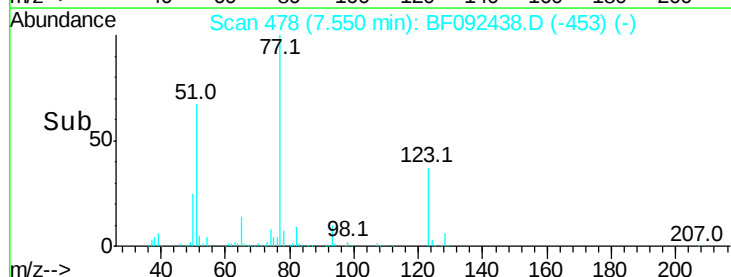
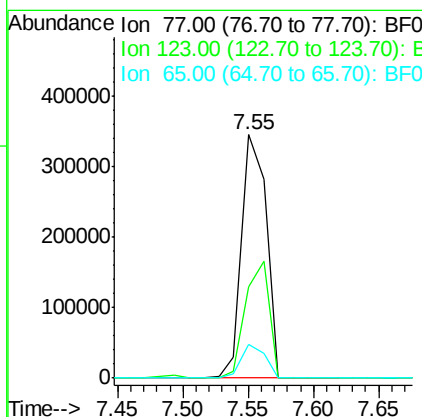
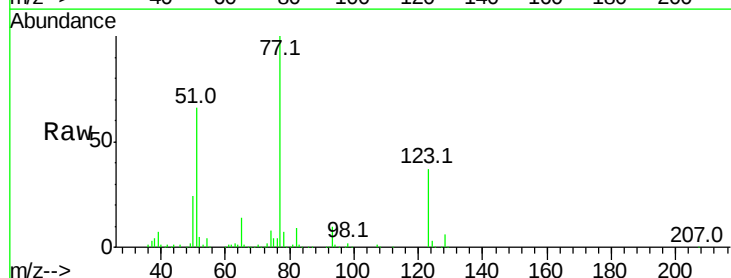
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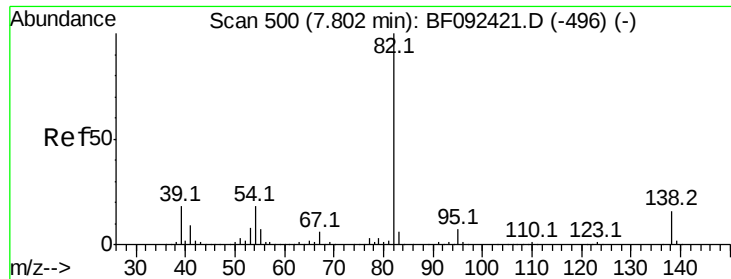
mohammad
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#24
 Nitrobenzene
 Concen: 37.92 ng
 RT: 7.55 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.3	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 39.29 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

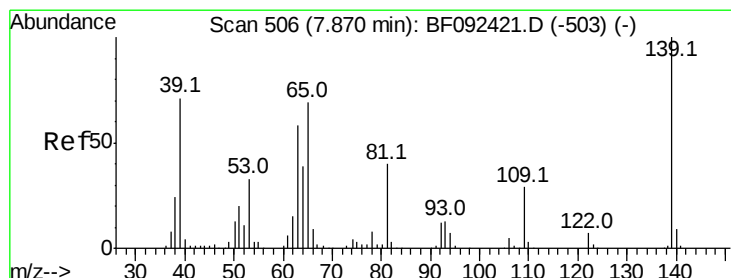
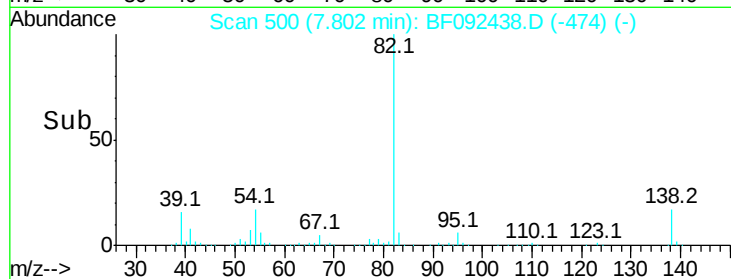
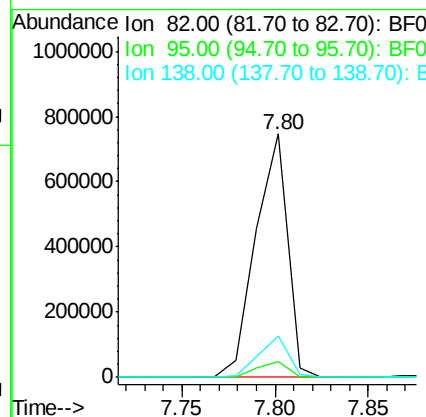
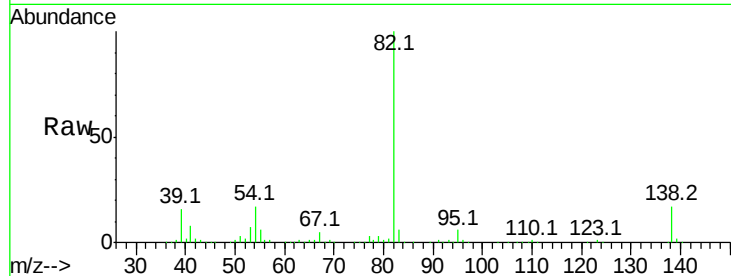
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	881471
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	17.3	14.6	22.0

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#26

2-Nitrophenol

Concen: 39.73 ng

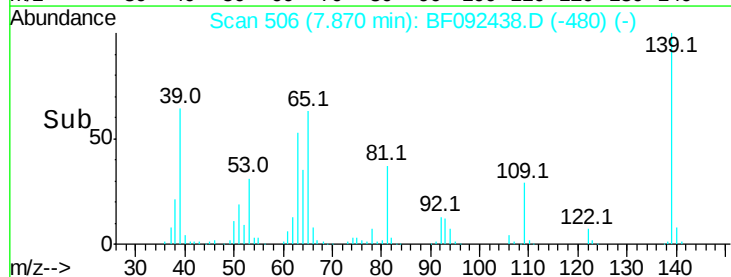
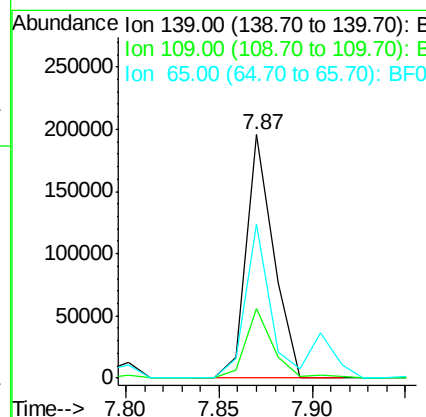
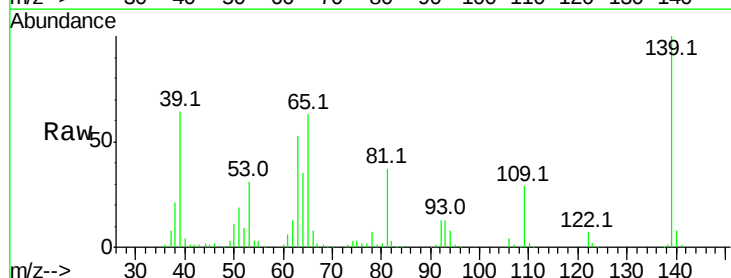
RT: 7.87 min Scan# 506

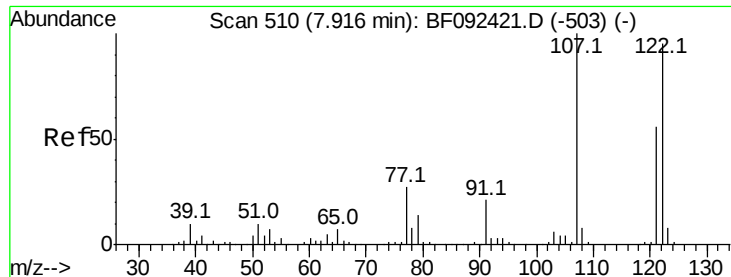
Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion:	139	Resp:	198533
Ion Ratio	Lower	Upper	
139	100		
109	28.8	23.3	34.9
65	63.4	42.7	64.1





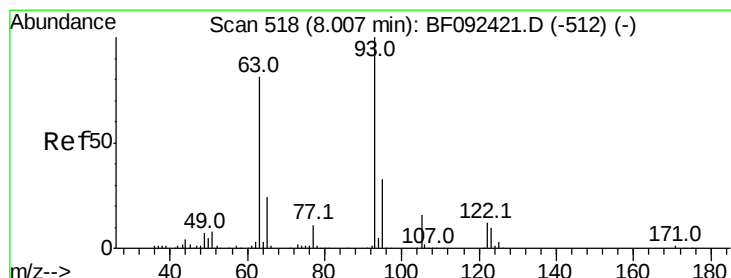
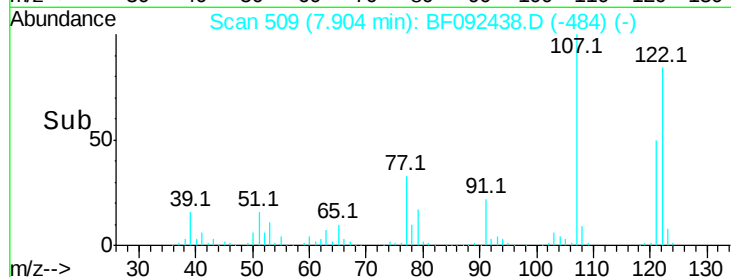
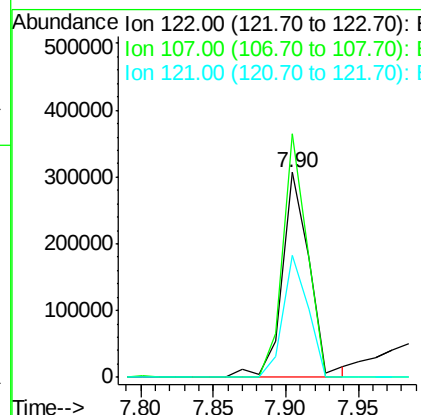
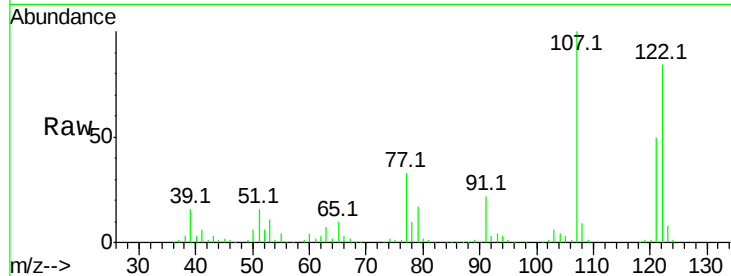
#27
 2,4-Dimethylphenol
 Concen: 38.32 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	398282		
107	119.0	94.1	141.1	
121	59.4	46.0	69.0	

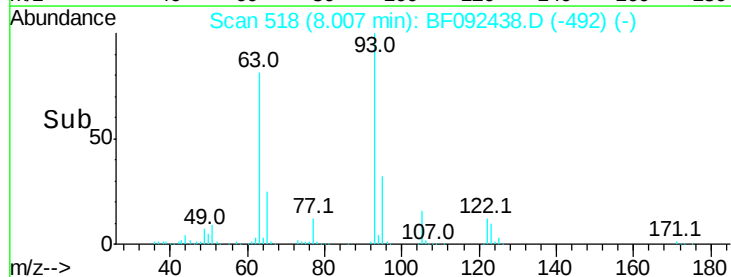
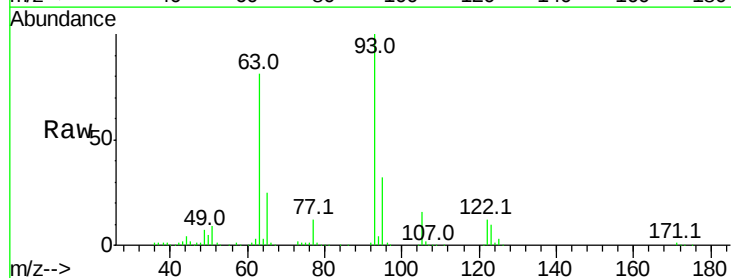
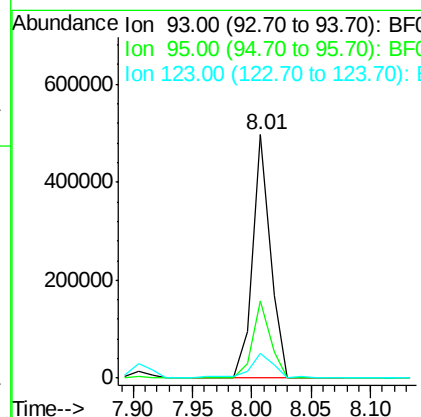
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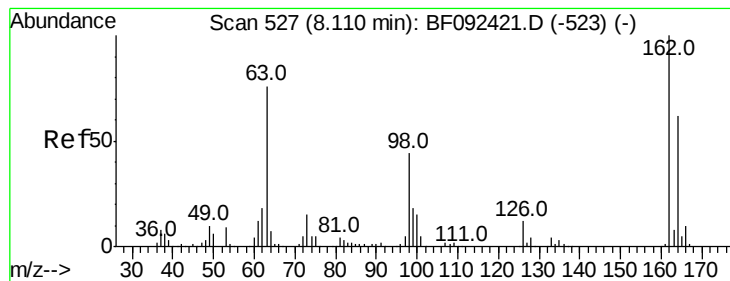
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.46 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	522124		
95	31.8	26.5	39.7	
123	10.3	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 38.44 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

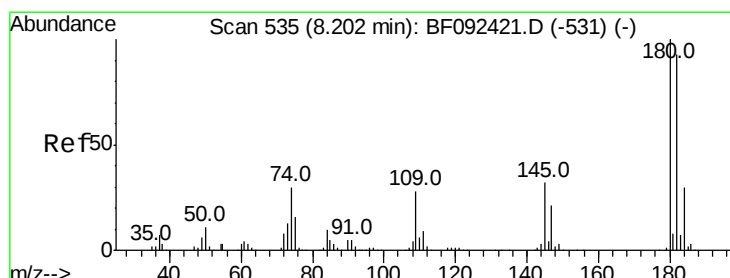
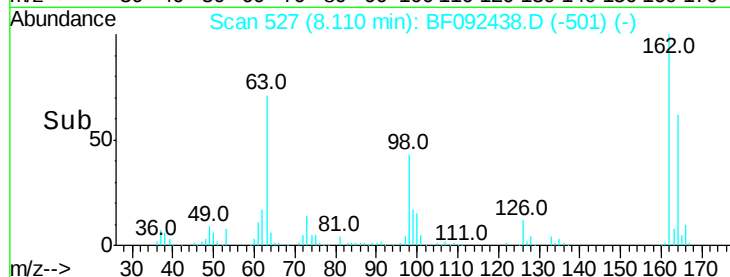
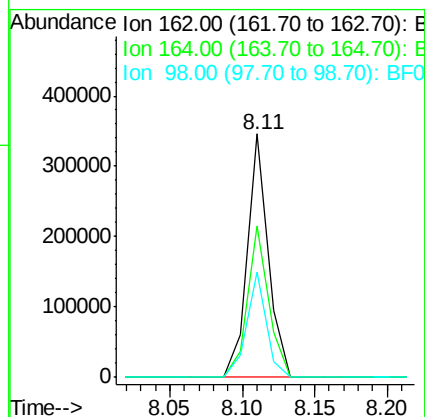
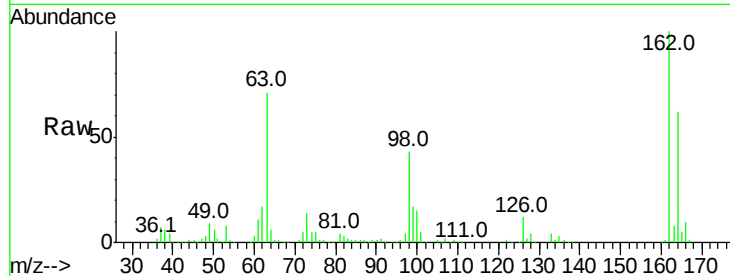
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	346382
Ion Ratio	Lower	Upper	
162	100		
164	62.4	46.8	86.8
98	43.3	9.1	49.1

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#30

1,2,4-Trichlorobenzene

Concen: 38.74 ng

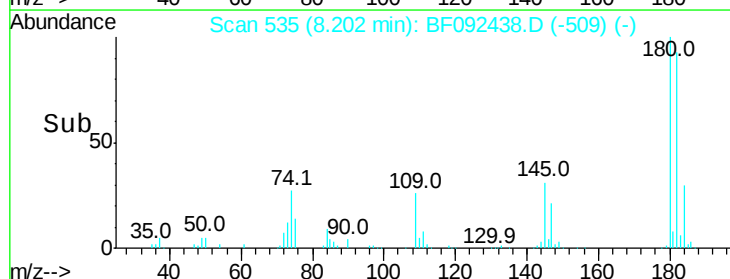
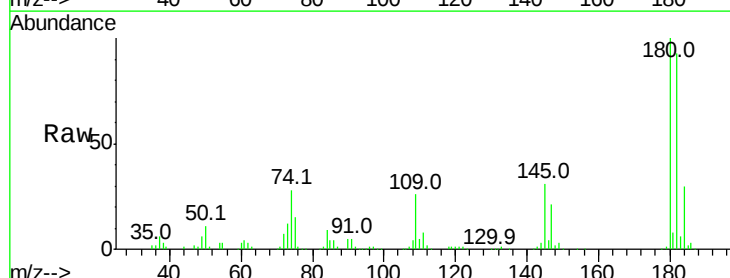
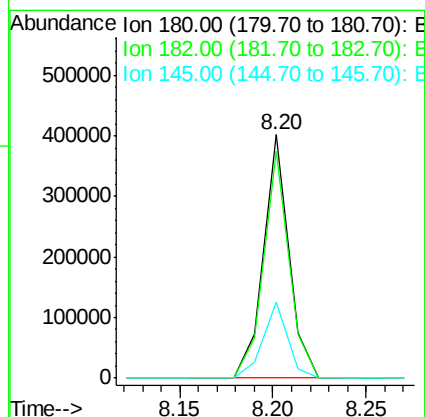
RT: 8.20 min Scan# 535

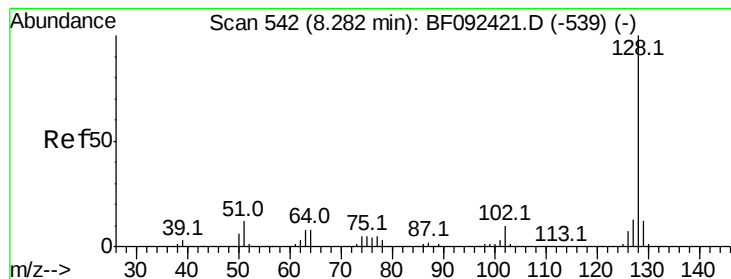
Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion:	180	Resp:	377319
Ion Ratio	Lower	Upper	
180	100		
182	93.1	78.2	117.4
145	31.5	21.6	32.4





#31

Naphthalene

Concen: 36.81 ng

RT: 8.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1171501

Ion Ratio Lower Upper

128 100

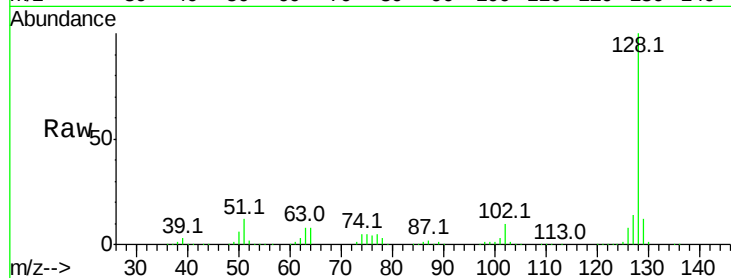
129 11.6 9.5 14.3

127 13.7 10.8 16.2

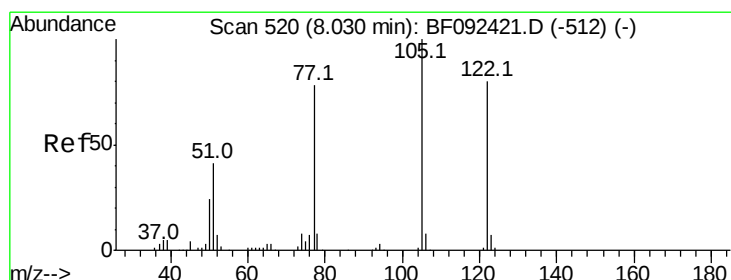
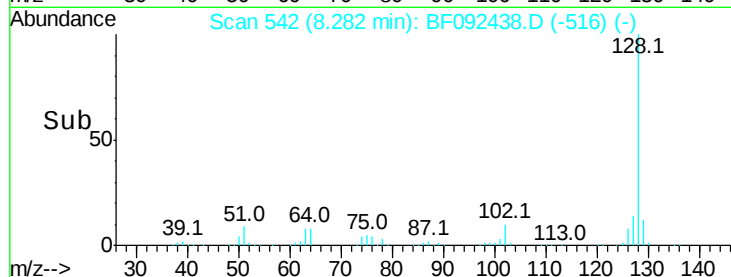
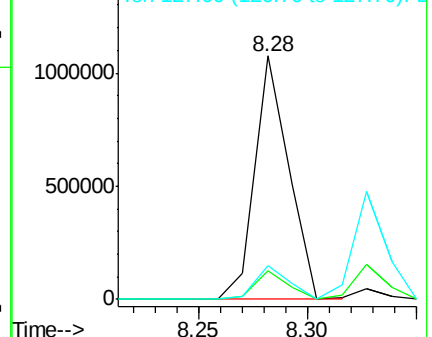
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.37 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

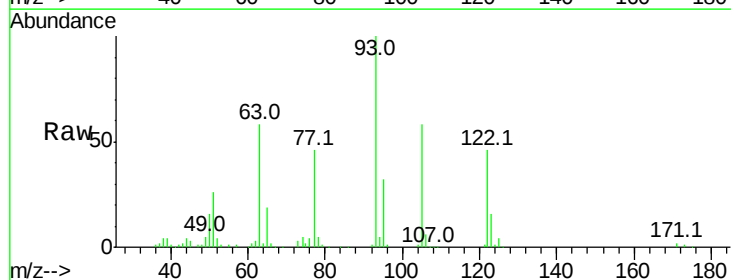
Tgt Ion:122 Resp: 298629

Ion Ratio Lower Upper

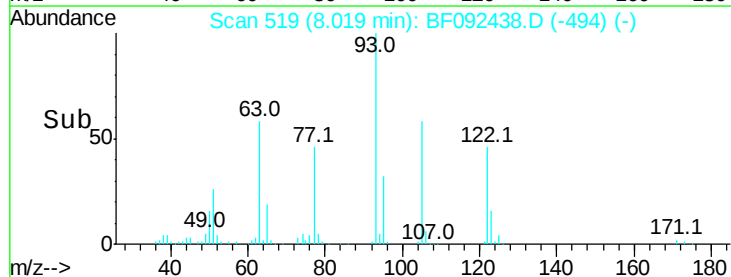
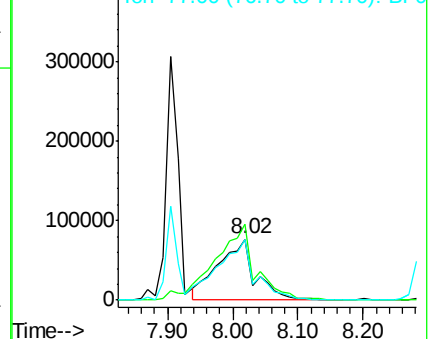
122 100

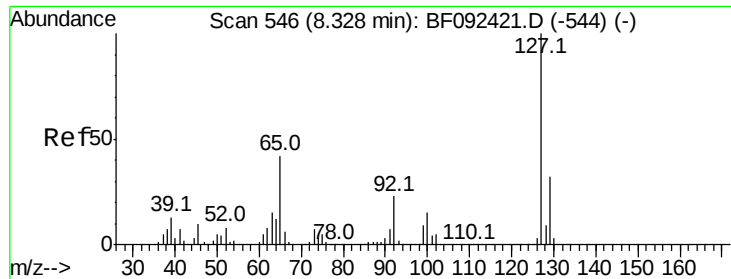
105 125.9 107.2 147.2

77 100.6 74.5 114.5



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





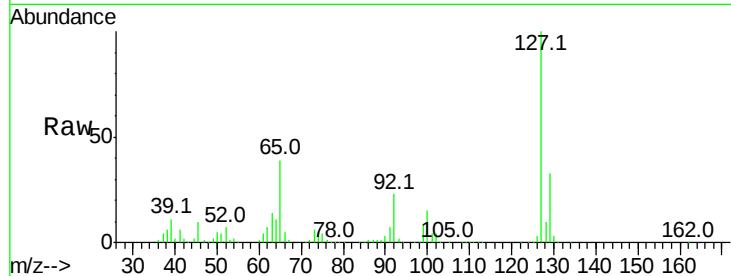
#33
4-Chloroaniline
Concen: 36.13 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

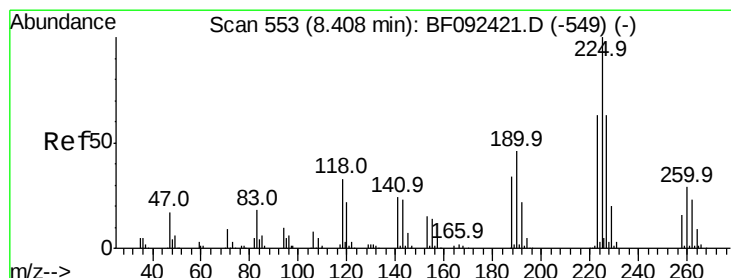
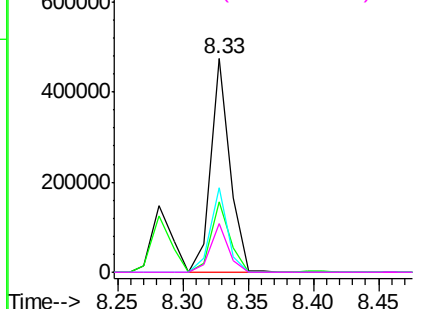
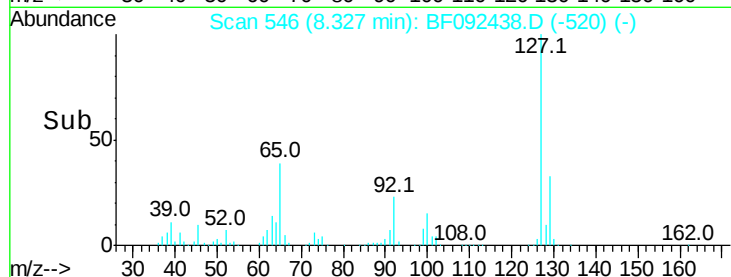
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.3	39.5	
65	39.5	25.8	38.8	
92	22.6	16.1	24.1	

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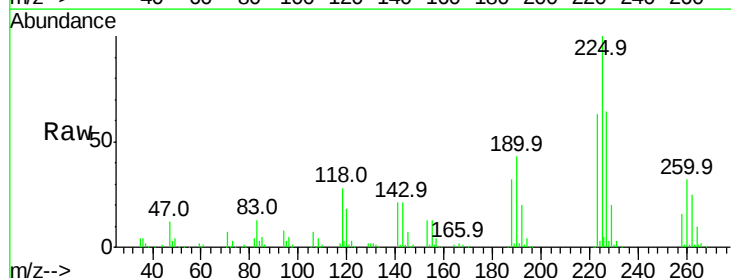


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

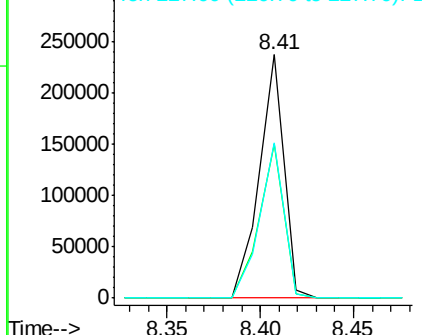
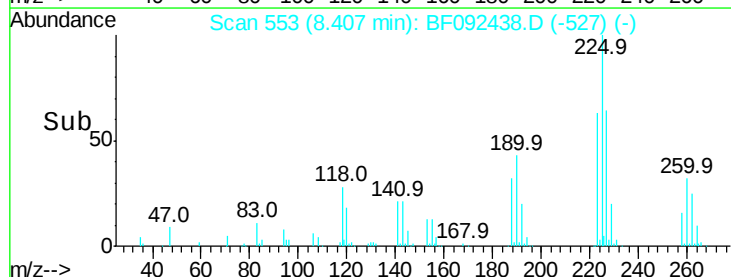


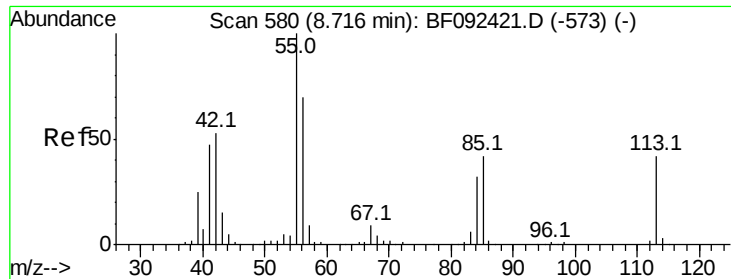
#34
Hexachlorobutadiene
Concen: 40.67 ng
RT: 8.41 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.0	76.6	
227	63.5	50.6	76.0	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





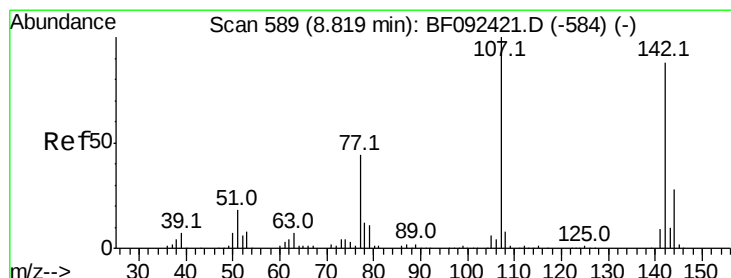
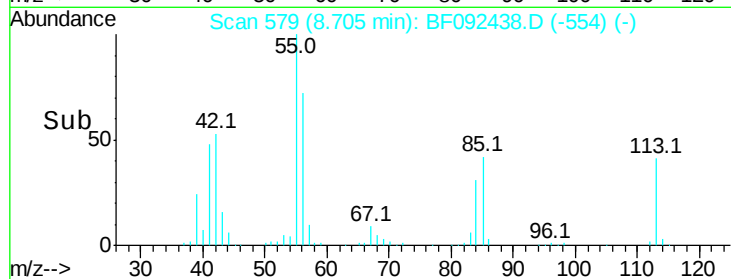
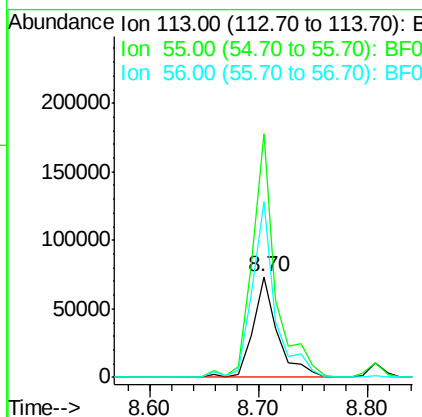
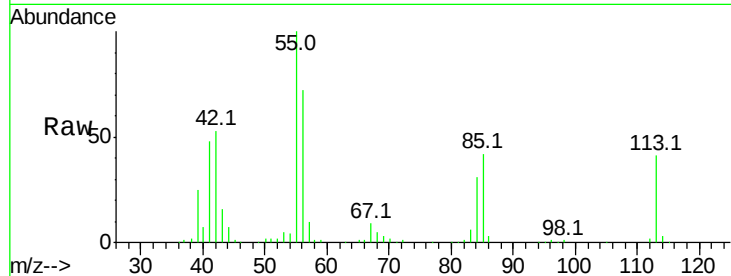
#35
 Caprolactam
 Concen: 38.50 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	242.1	119.2	159.2#
56	175.2	83.8	123.8#

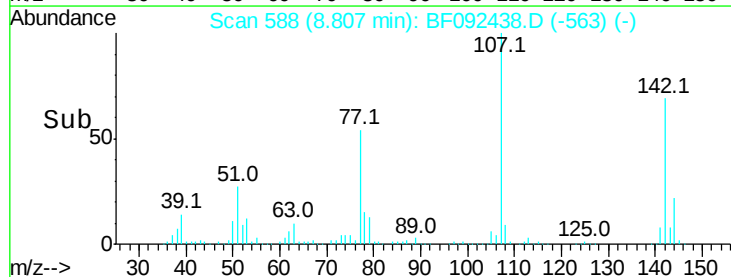
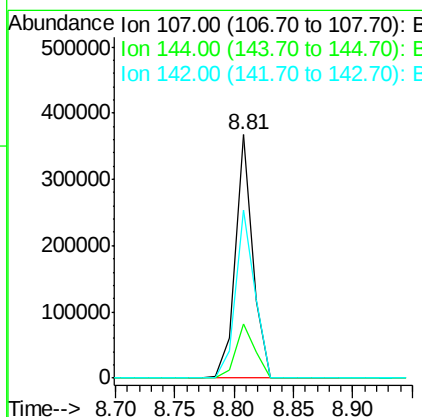
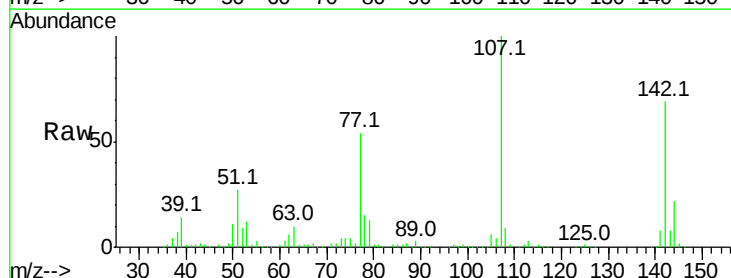
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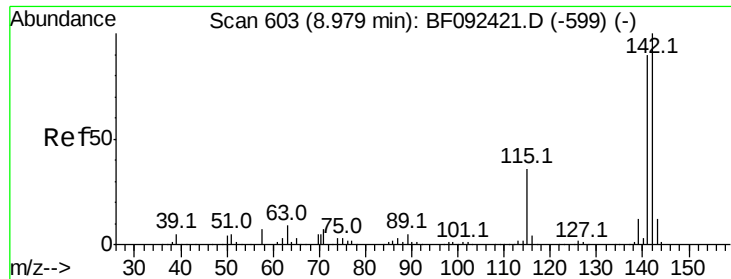
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#36
 4-Chloro-3-methylphenol
 Concen: 38.80 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	19.3	28.9
142	69.1	59.0	88.6





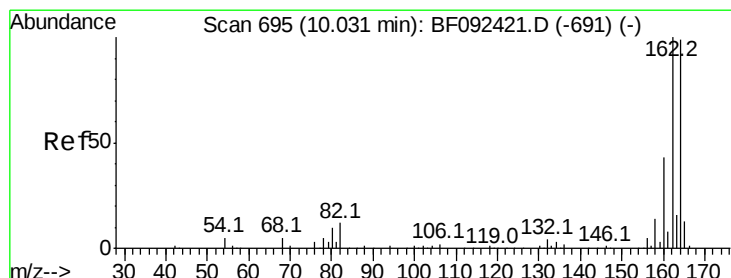
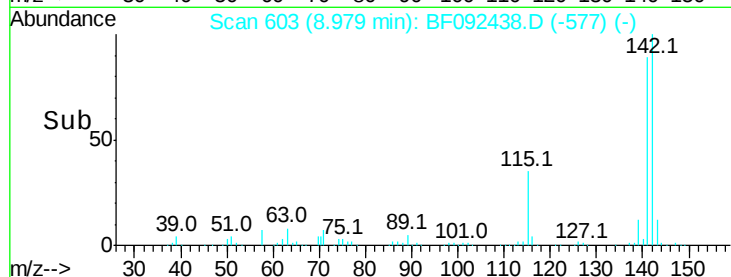
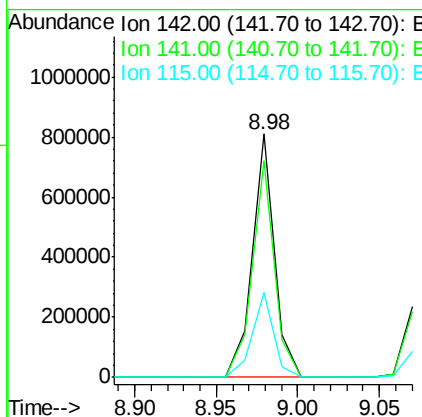
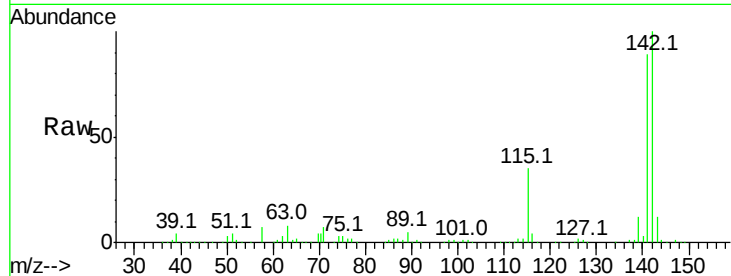
#37
2-Methylnaphthalene
Concen: 37.82 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	34.6	28.3	42.5

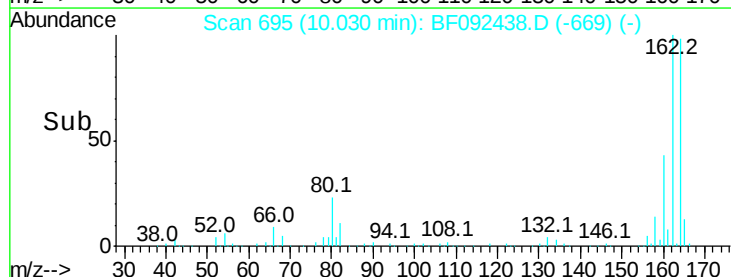
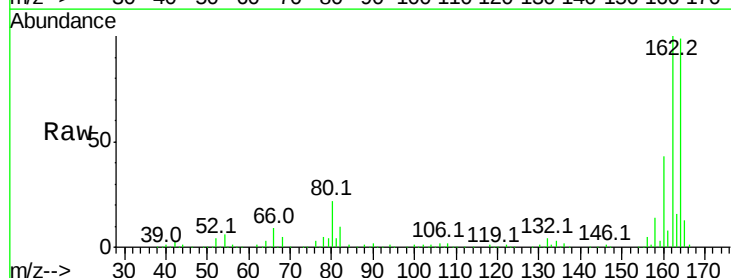
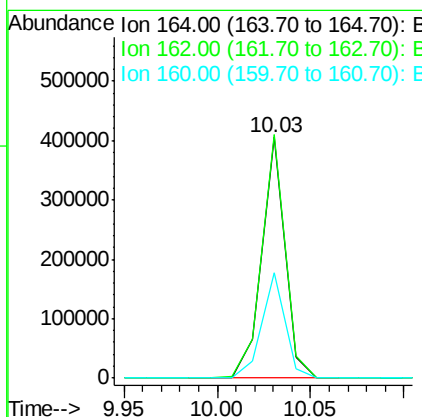
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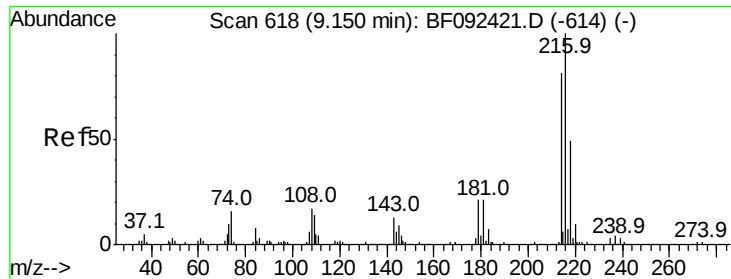
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	43.6	36.9	55.3





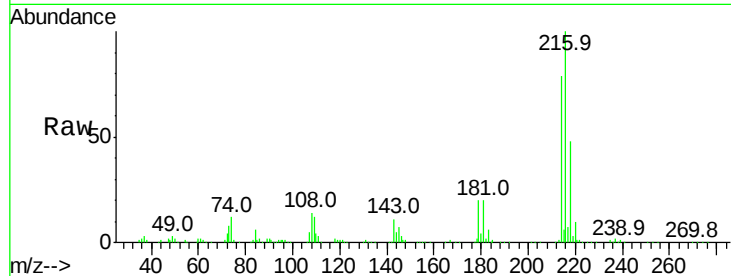
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.71 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

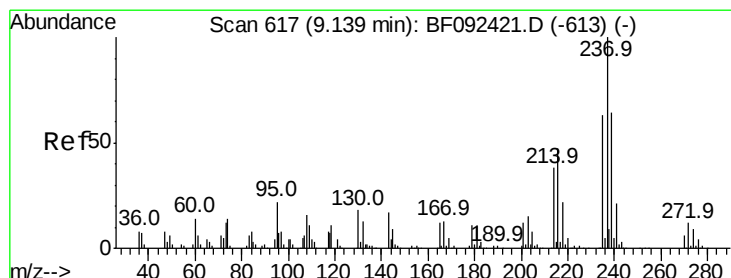
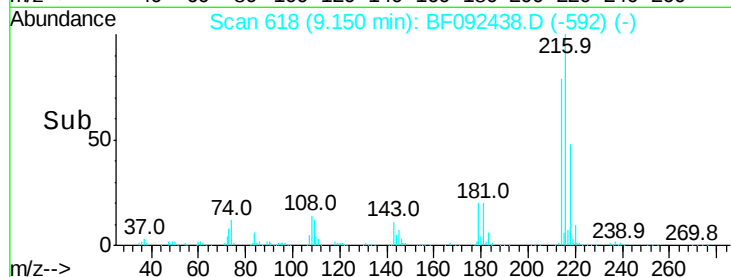
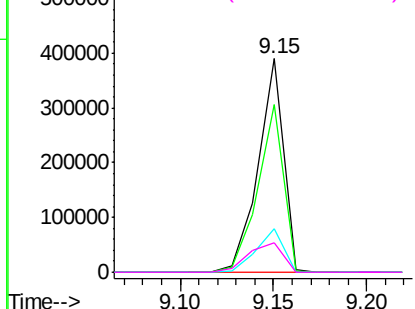
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	21.7	17.4	26.2
108	18.7	15.6	23.4

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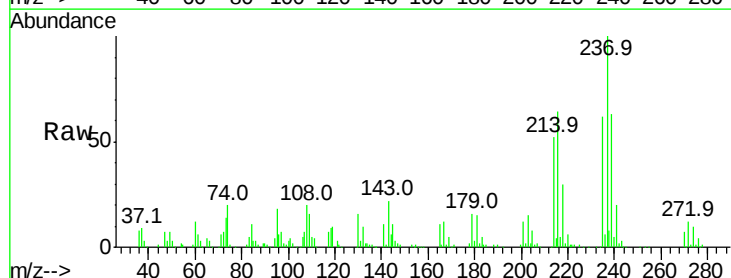


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

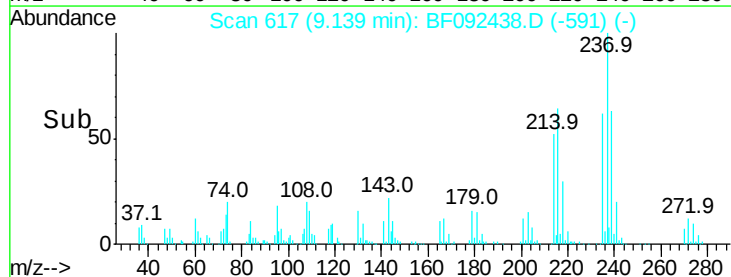
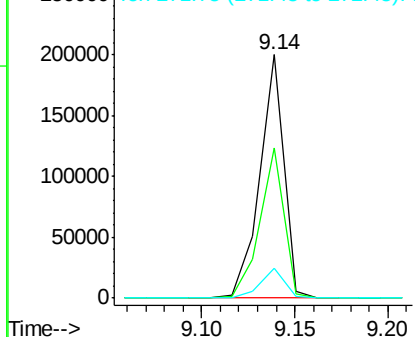


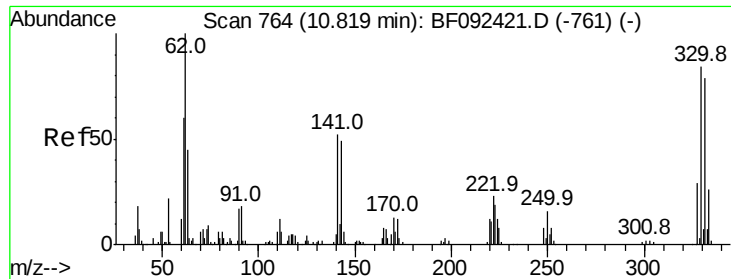
#40
 Hexachlorocyclopentadiene
 Concen: 40.46 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.2	81.2
272	12.1	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 77.39 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

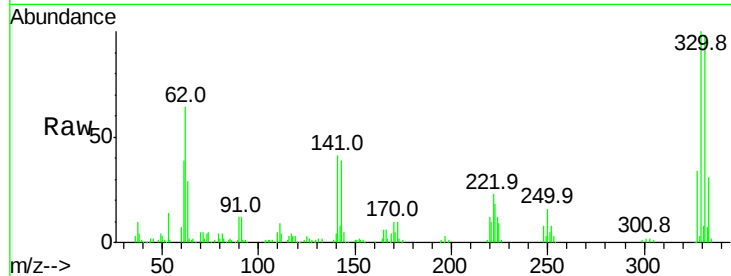
ClientSampleId :

SSTDCCC040

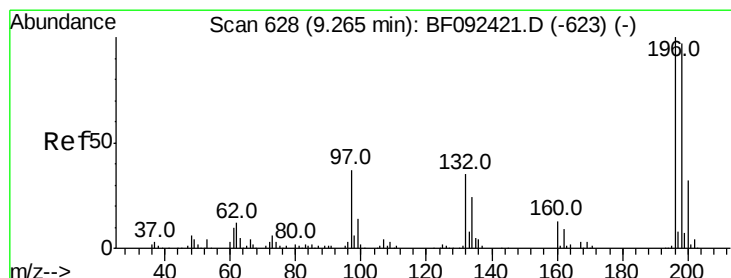
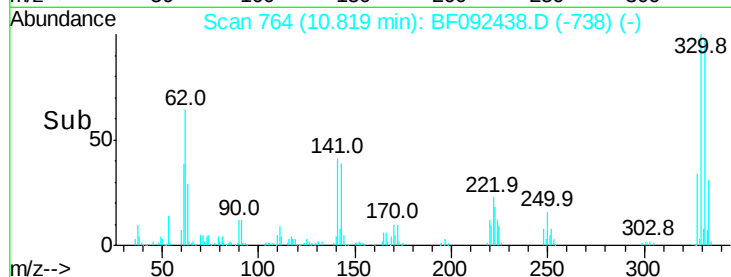
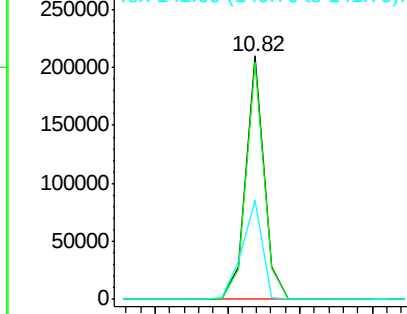
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	45.2	34.1	51.1

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.14 ng

RT: 9.25 min Scan# 627

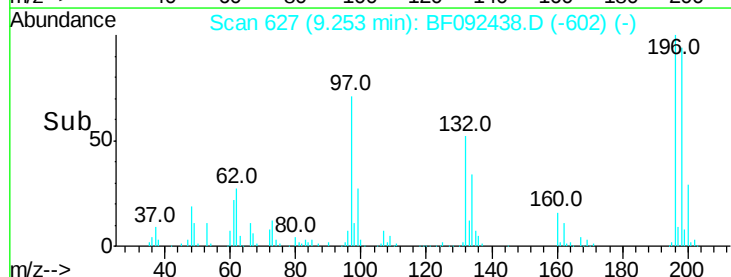
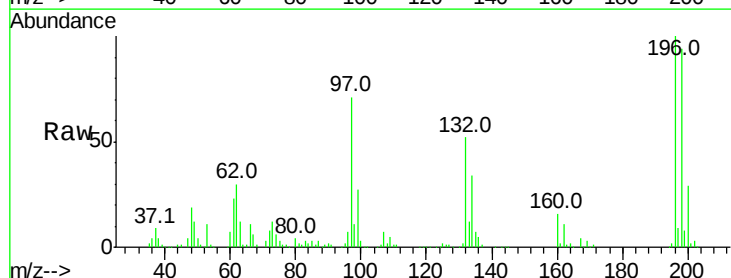
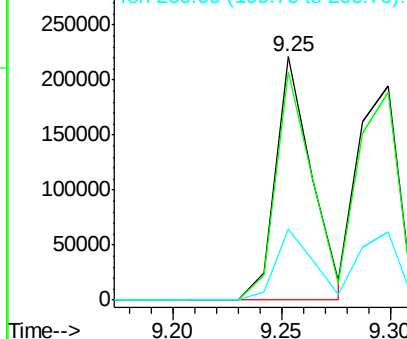
Delta R.T. -0.01 min

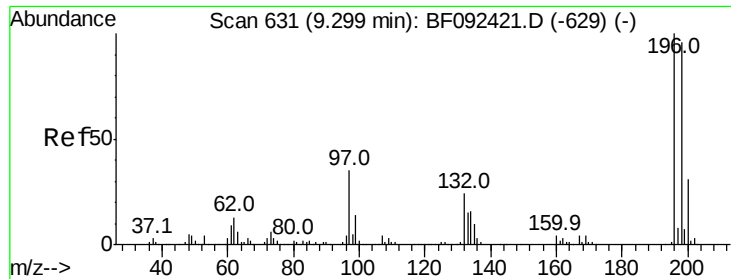
Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	82.1	123.1
200	29.3	27.0	40.4

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 40.31 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:196 Resp: 247999

Ion Ratio Lower Upper

196 100

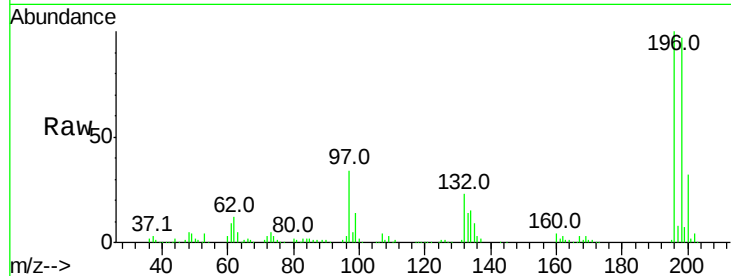
198 97.0 79.4 119.2

97 34.1 51.5 77.3#

132 23.1 27.4 41.2#

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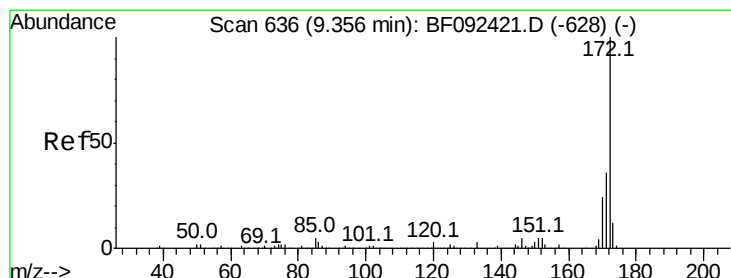
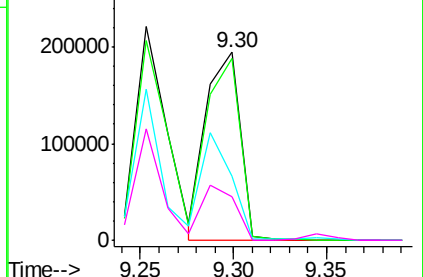
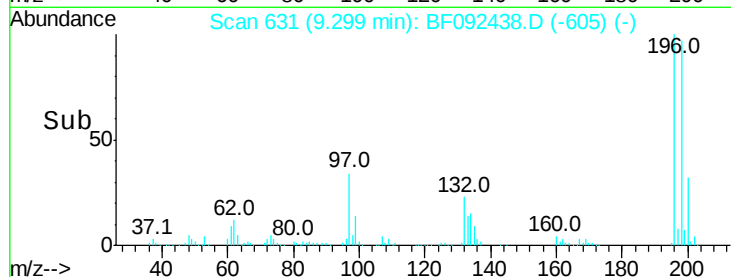


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 77.72 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

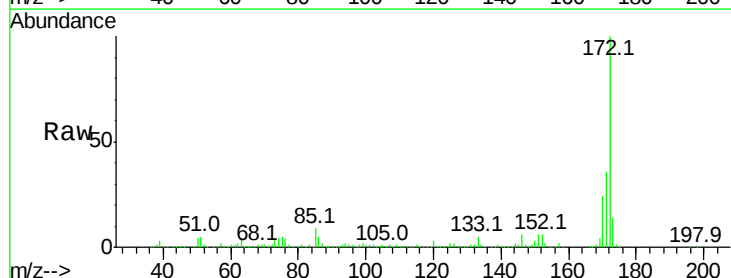
Tgt Ion:172 Resp: 1462039

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

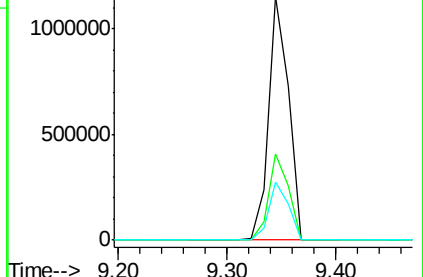
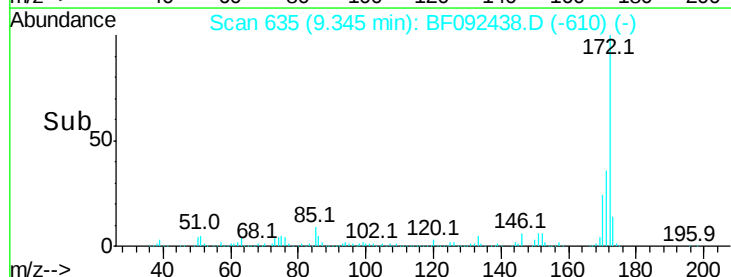
170 24.0 20.2 30.4

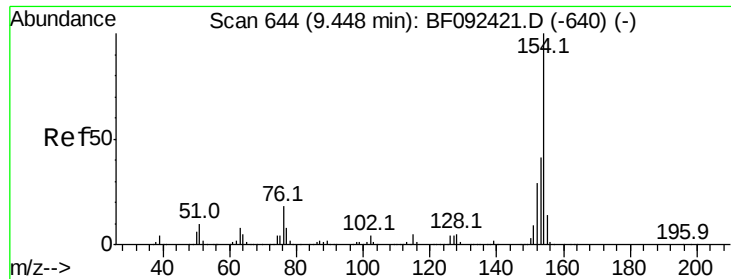


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.09 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

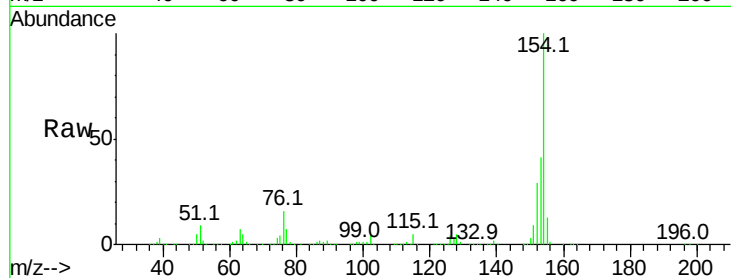
ClientSampled :

SSTDCCC040

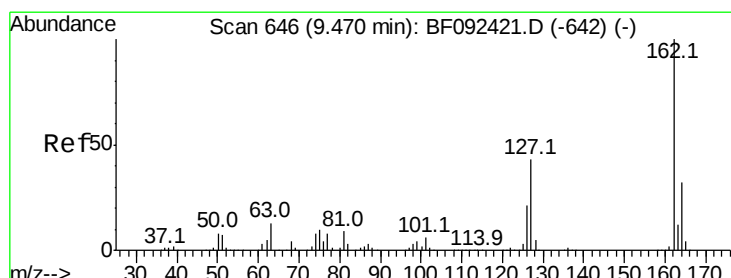
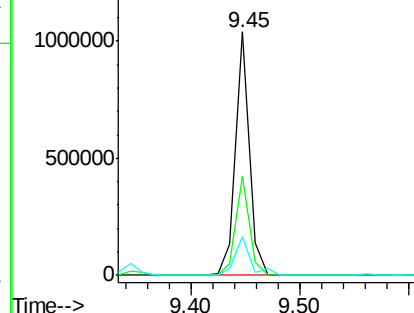
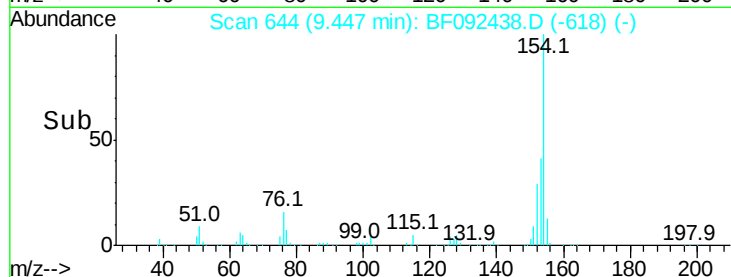
Tot Ion:	154	Resp:	907651
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.9	60.9
76	16.0	0.0	30.5

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



#46

2-Chloronaphthalene

Concen: 36.20 ng

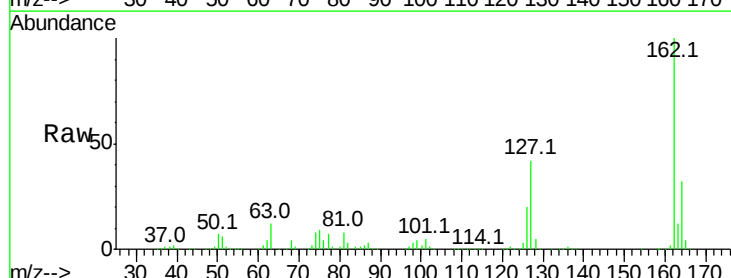
RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

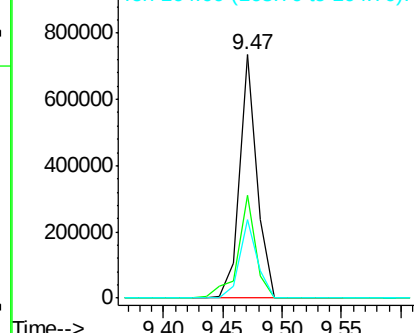
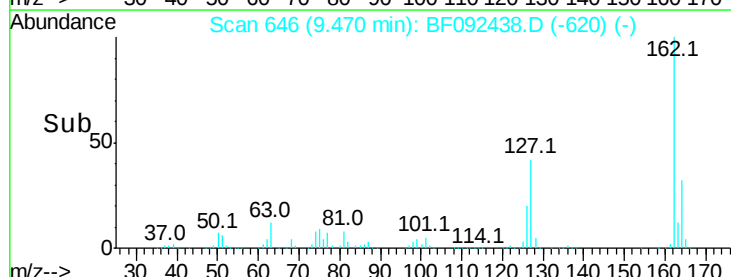
Lab File: BF092438.D

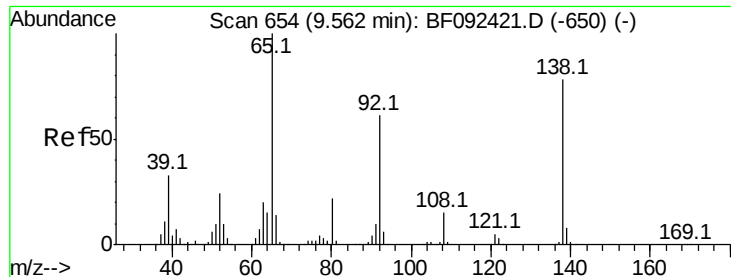
Acq: 24 Jan 2017 19:33

Tgt Ion:	162	Resp:	743542
Ion Ratio	Lower	Upper	
162	100		
127	42.3	30.7	46.1
164	32.0	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: 36.95 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

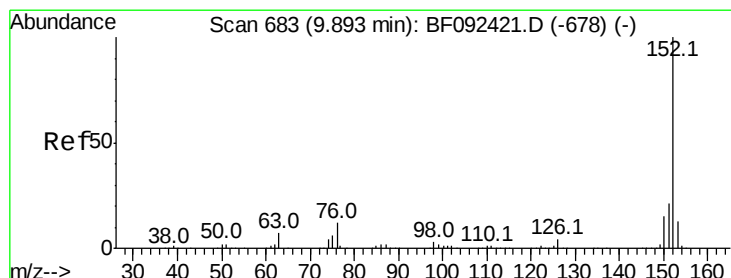
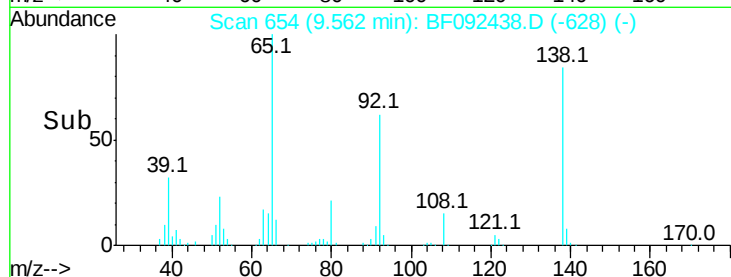
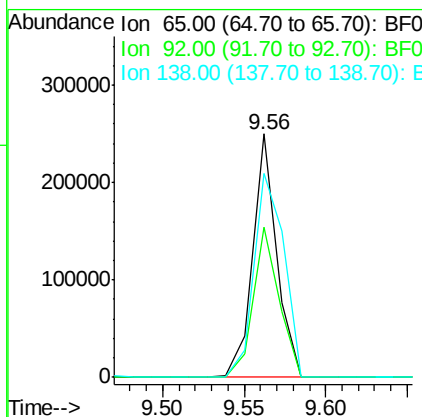
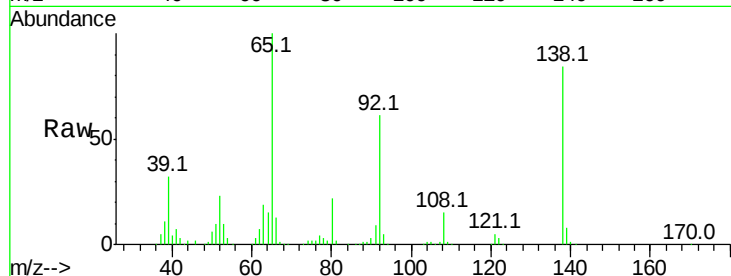
ClientSampleId :

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Tot Ion:	65	Resp:	255590
Ion	Ratio	Lower	Upper
65	100		
92	61.4	53.9	80.9
138	83.8	76.8	115.2

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#48

Acenaphthylene

Concen: 41.61 ng

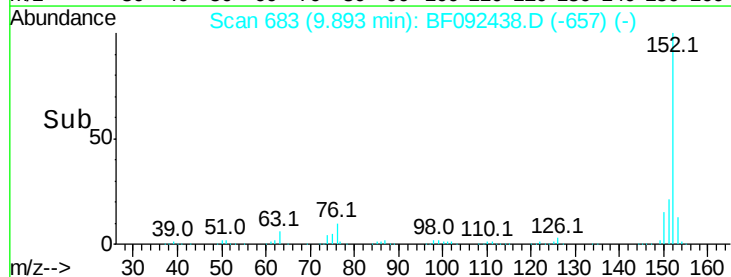
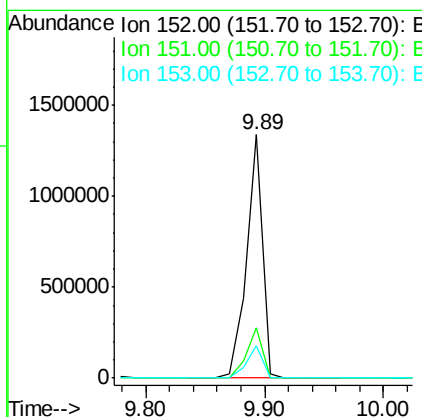
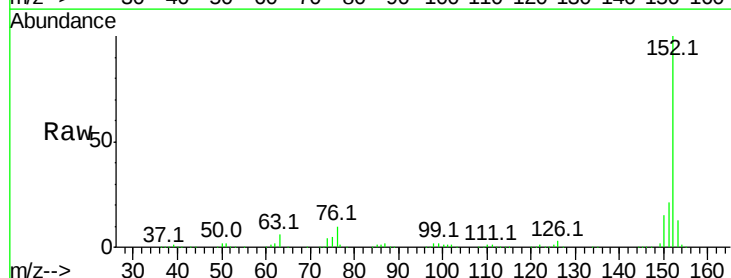
RT: 9.89 min Scan# 683

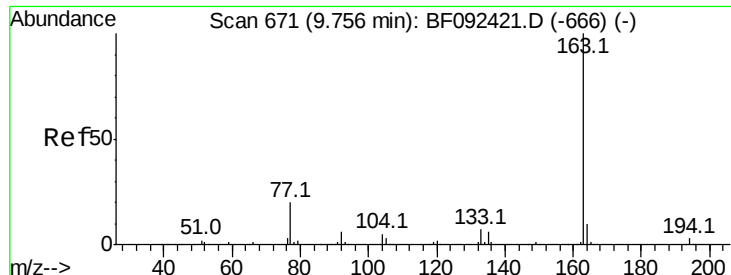
Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion:	152	Resp:	1253348
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.1	11.4	17.2





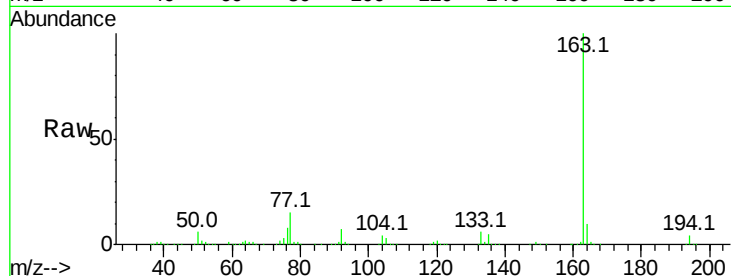
#49
Dimethylphthalate
Concen: 41.52 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

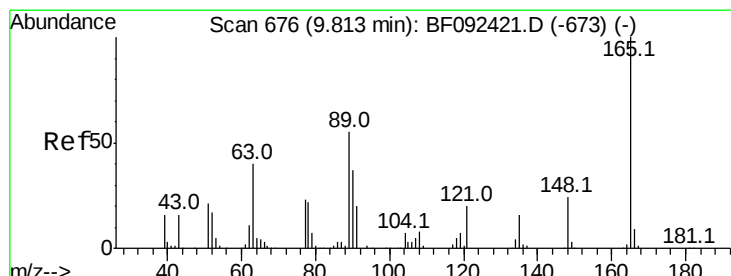
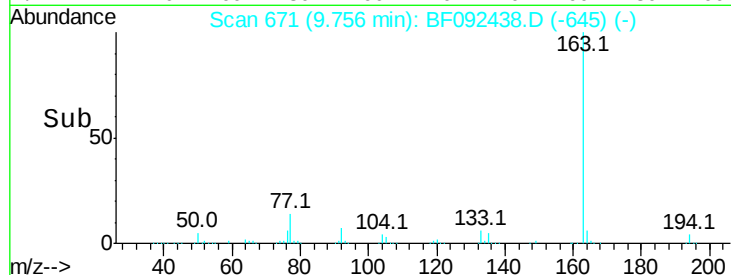
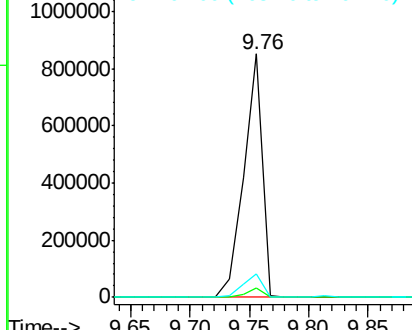
Tot Ion	Ratio	Resp	Lower	Upper
163	100	918603		
194	3.8		3.0	4.4
164	9.7		8.0	12.0

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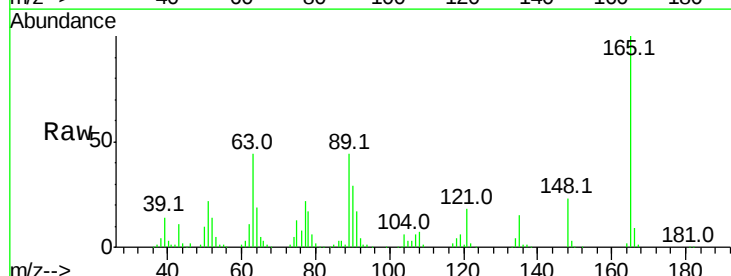


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

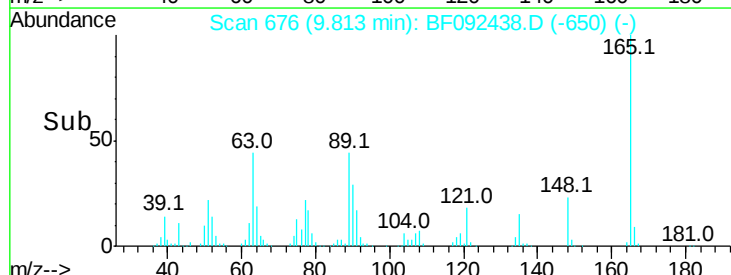
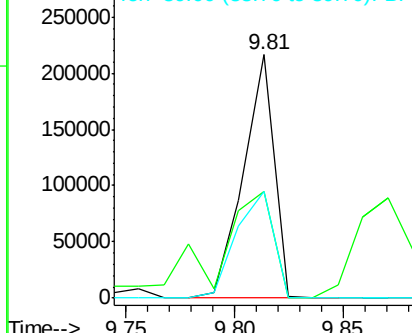


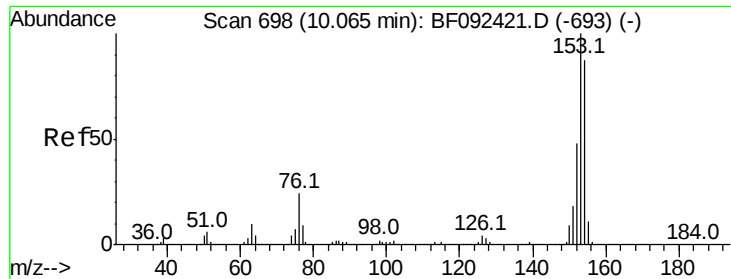
#50
2,6-Dinitrotoluene
Concen: 46.86 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211874		
63	44.0		36.2	54.4
89	44.0		40.2	60.4



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





#51

Acenaphthene

Concen: 38.66 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

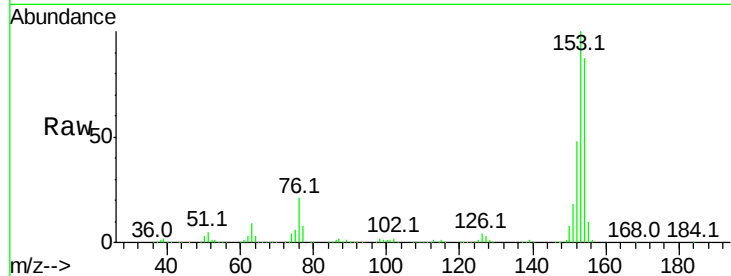
ClientSampleId :

SSTDCCC040

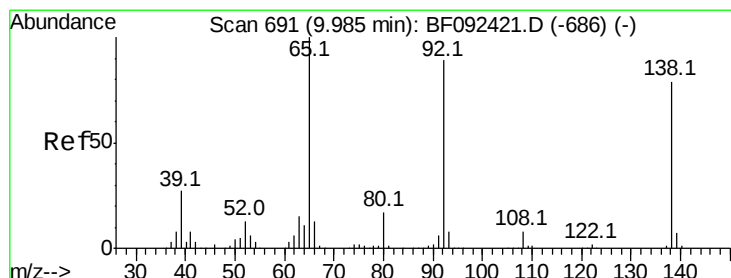
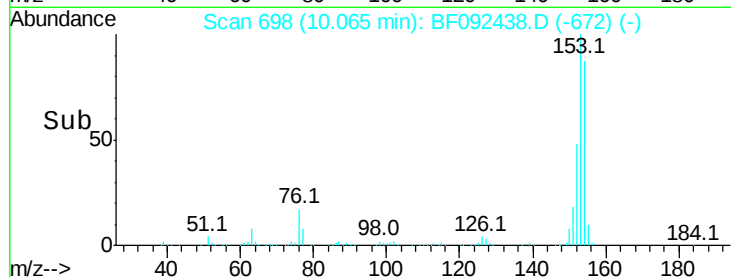
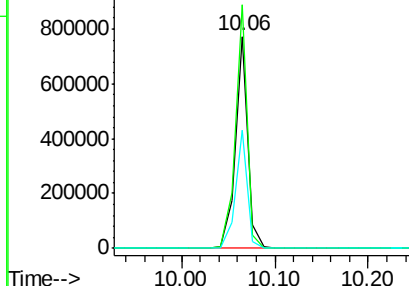
Tot Ion:	154	Resp:	723733
Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.6	133.0
152	55.7	41.6	62.4

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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: 44.19 ng

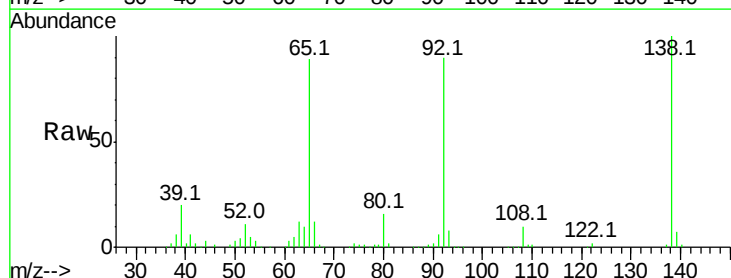
RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

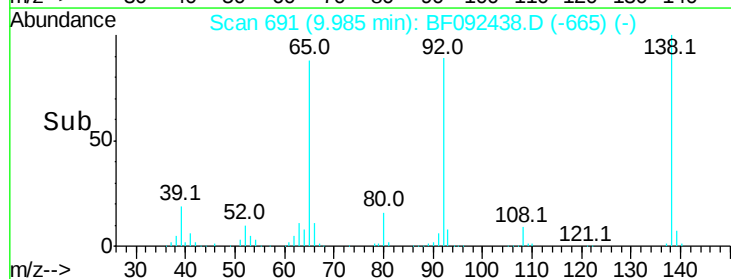
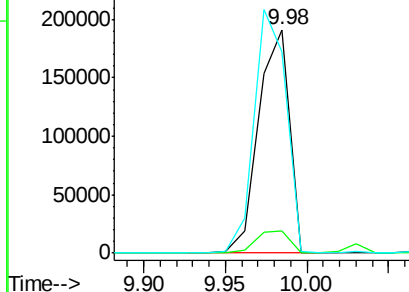
Lab File: BF092438.D

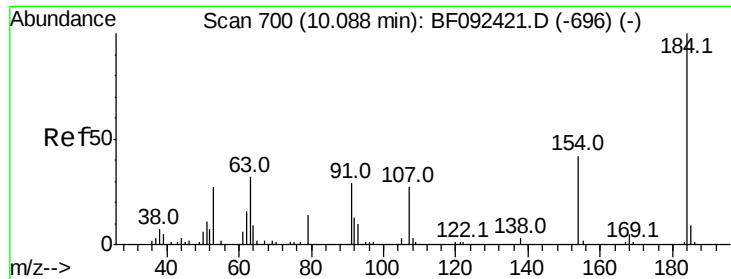
Acq: 24 Jan 2017 19:33

Tgt Ion:	138	Resp:	250253
Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.5	12.7
92	90.5	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





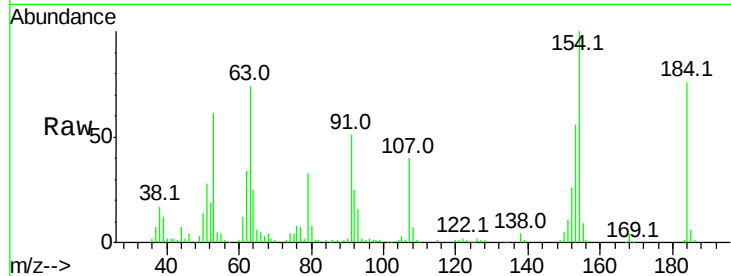
#53
 2,4-Dinitrophenol
 Concen: 31.86 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

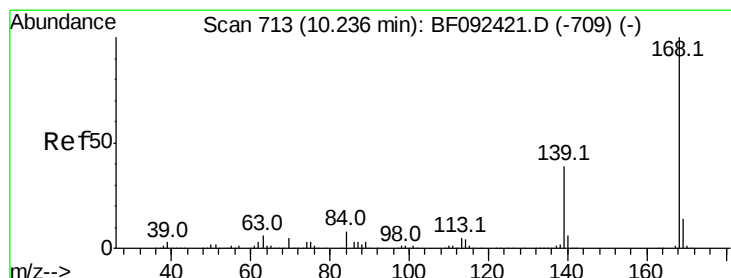
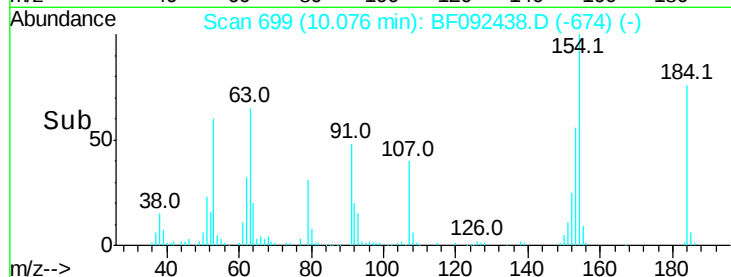
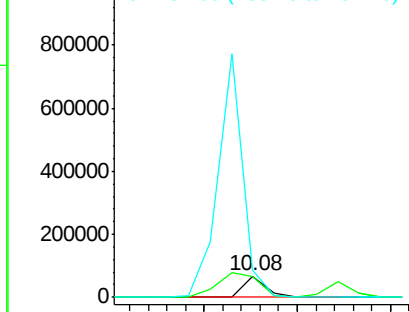
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	97.4	28.4	42.6#	
154	131.0	44.3	66.5#	

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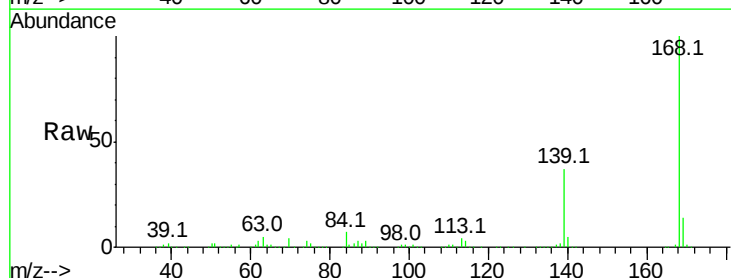


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

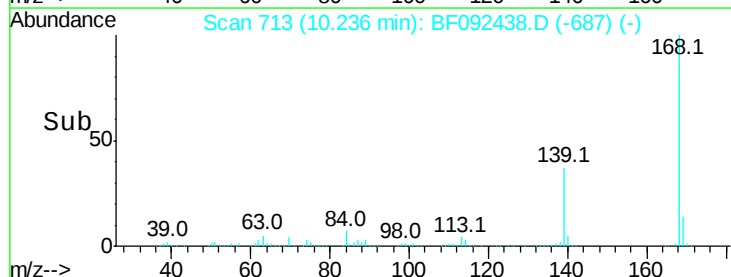
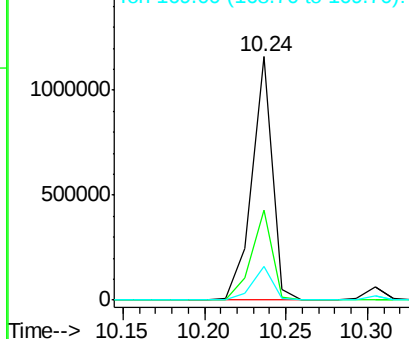


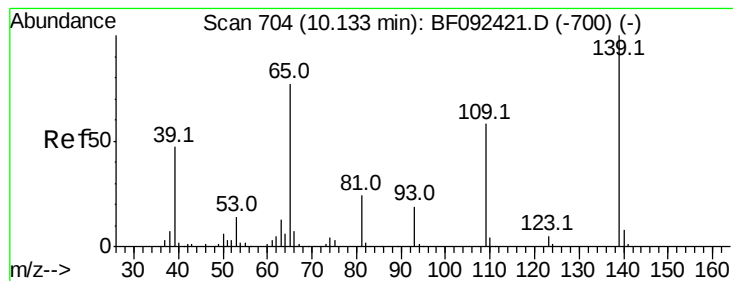
#54
 Dibenzofuran
 Concen: 39.55 ng
 RT: 10.24 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.1	32.6	49.0	
169	13.9	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: 38.28 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

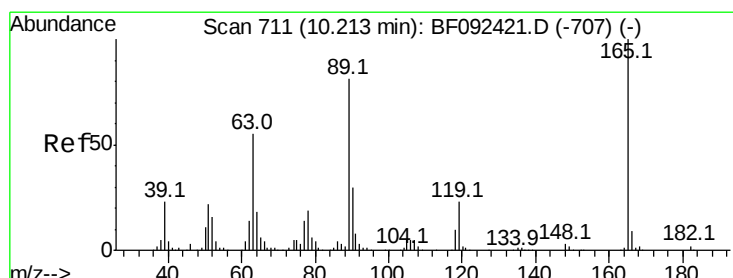
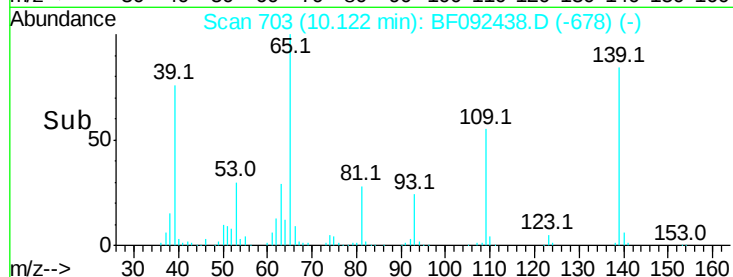
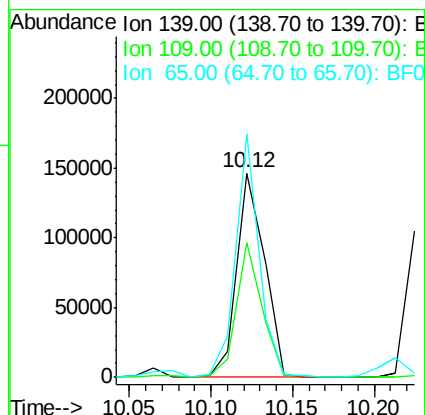
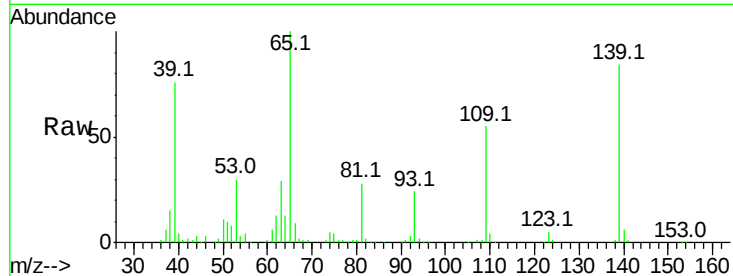
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	172161
Ion Ratio	Lower	Upper	
139	100		
109	65.9	52.2	92.2
65	119.2	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 44.93 ng

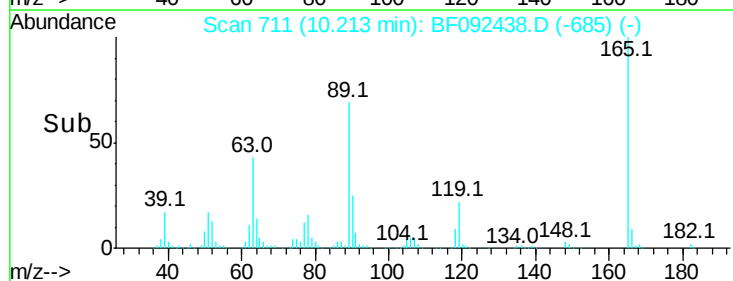
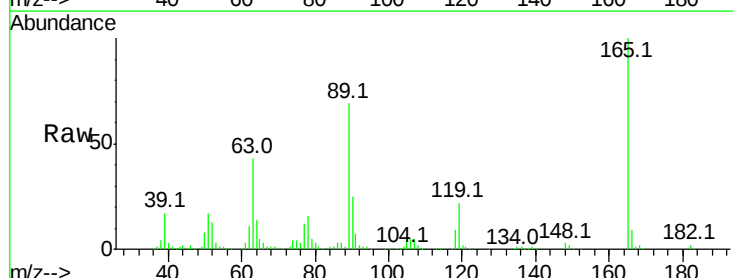
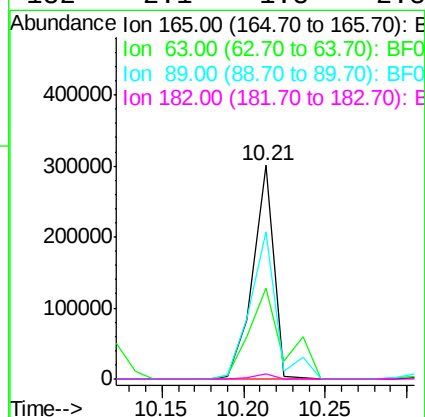
RT: 10.21 min Scan# 711

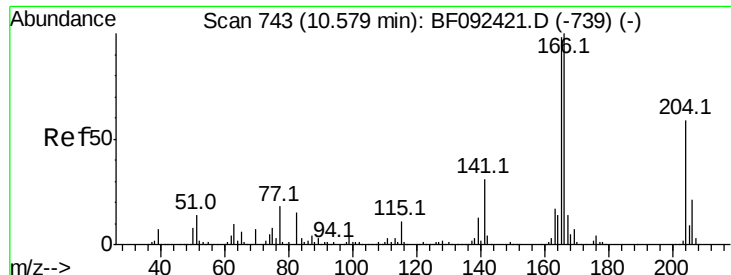
Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion:	165	Resp:	269686
Ion Ratio	Lower	Upper	
165	100		
63	42.8	40.2	60.4
89	69.0	62.5	93.7
182	2.1	1.8	2.8





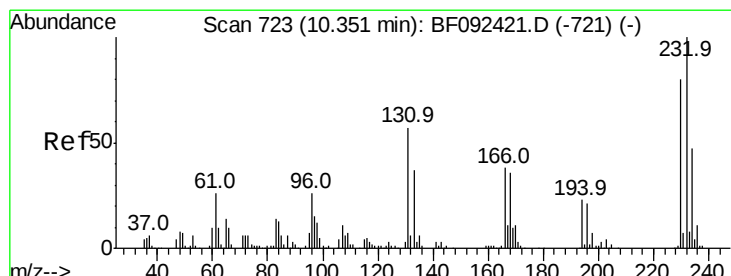
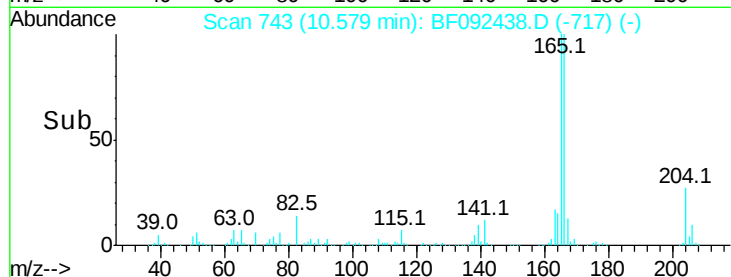
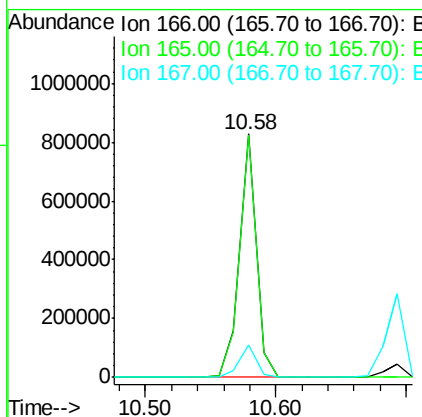
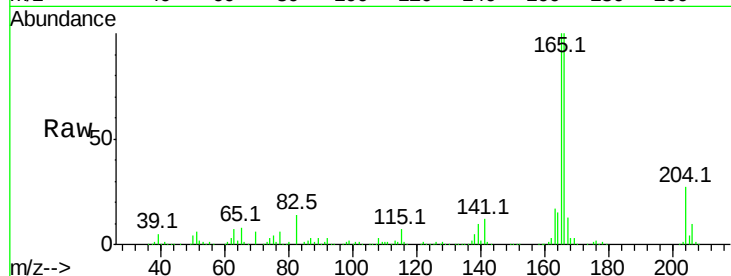
#57
Fluorene
 Concen: 39.19 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampled :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	738712		
165	99.5	77.8	116.8	
167	13.3	10.8	16.2	

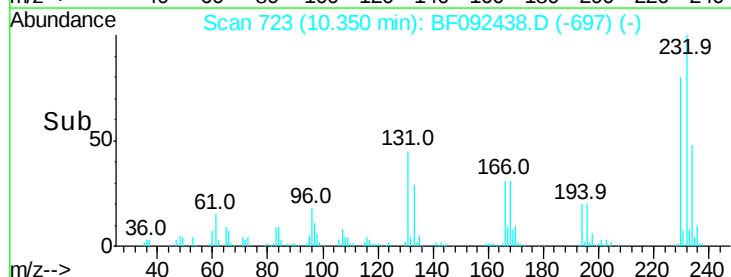
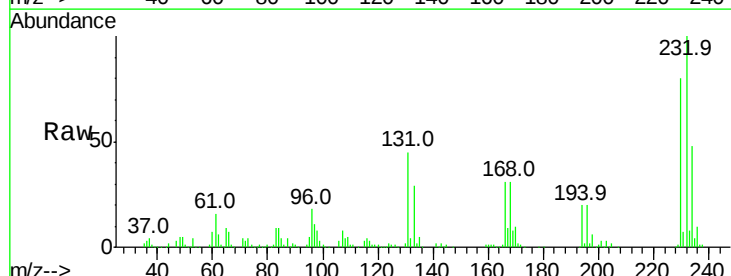
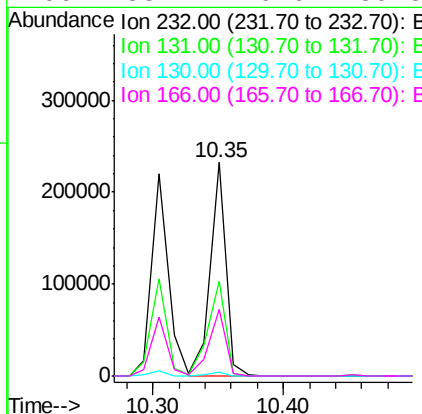
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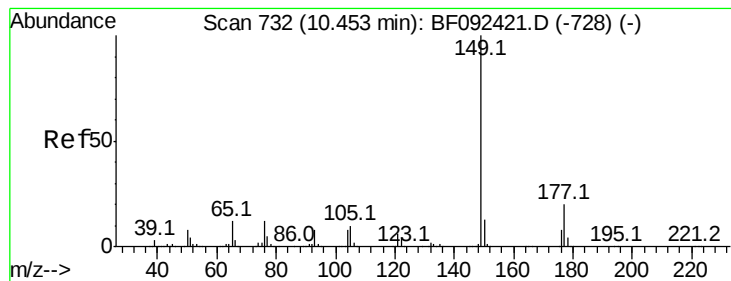
mohammad
 1/25/2017 3:49:53 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.57 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	196202		
131	49.6	40.1	60.1	
130	2.3	1.8	2.8	
166	33.2	26.6	39.8	





#59

Diethylphthalate

Concen: 39.88 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

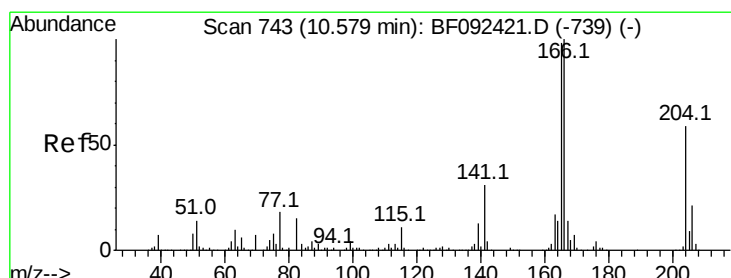
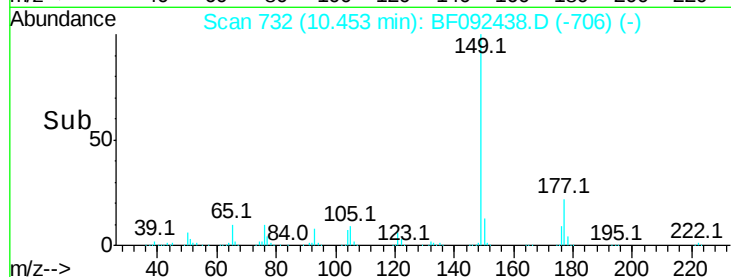
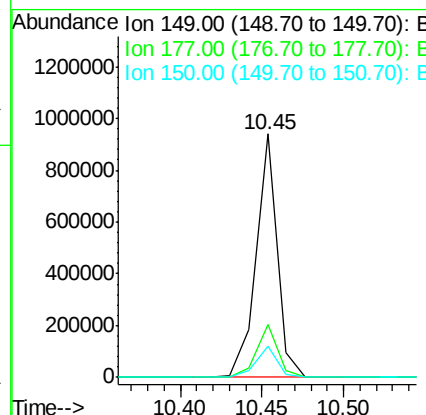
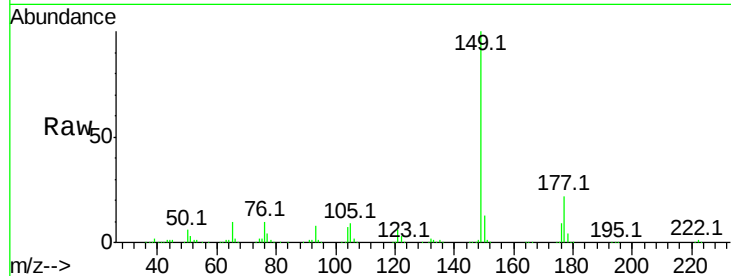
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	845836
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.6	25.0
150	12.8	10.4	15.6

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#60

4-Chlorophenyl-phenylether

Concen: 38.33 ng

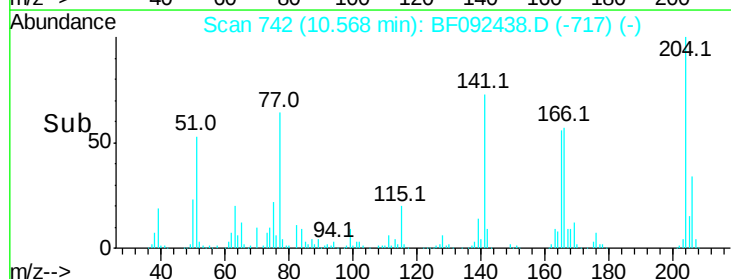
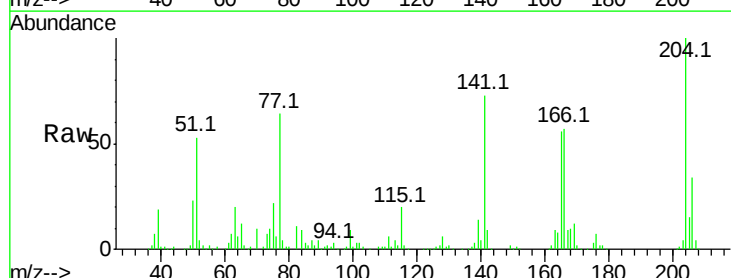
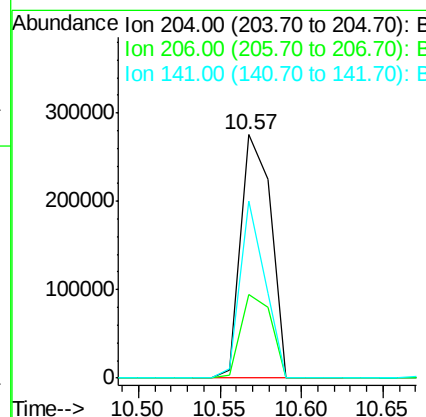
RT: 10.57 min Scan# 742

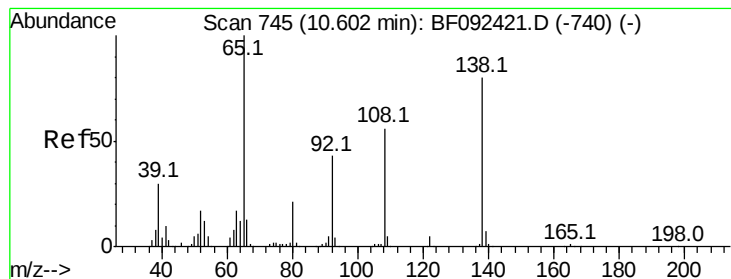
Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion:	204	Resp:	350370
Ion Ratio	Lower	Upper	
204	100		
206	34.3	25.8	38.6
141	73.0	59.4	89.0





#61

4-Nitroaniline

Concen: 39.61 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 224358

Ion Ratio Lower Upper

138 100

92 56.7 31.7 71.7

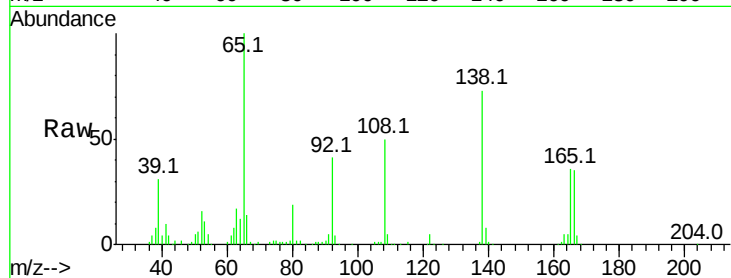
108 69.0 52.6 92.6

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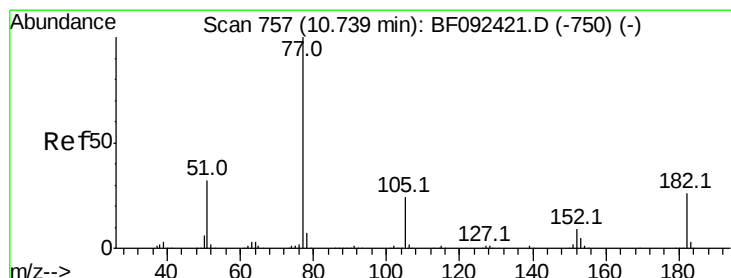
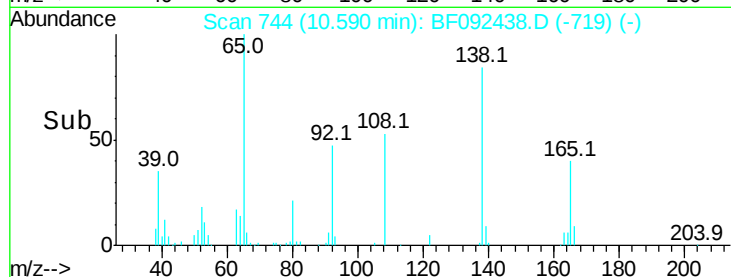
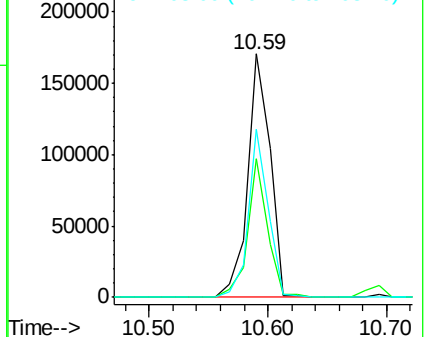
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.39 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion: 77 Resp: 902590

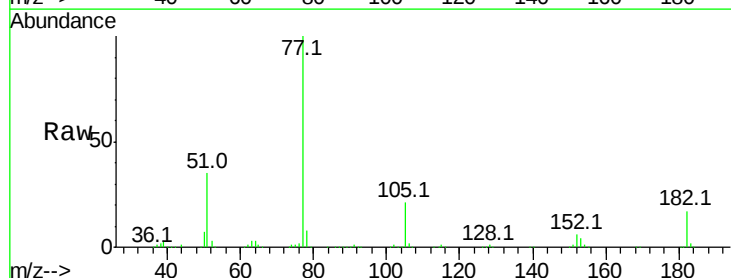
Ion Ratio Lower Upper

77 100

182 16.7 0.0 39.3

105 21.4 2.3 42.3

51 35.2 8.9 48.9

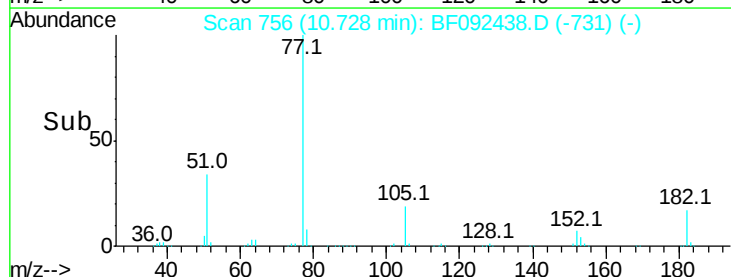
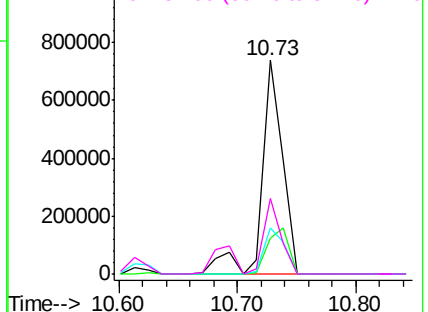


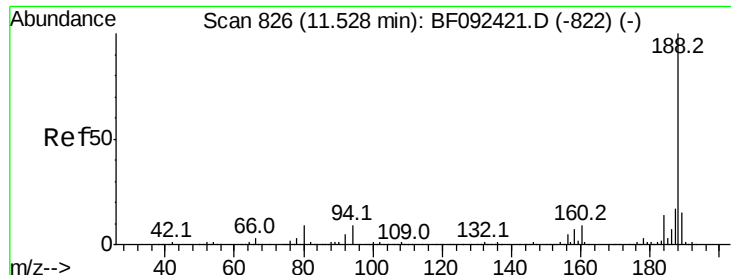
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





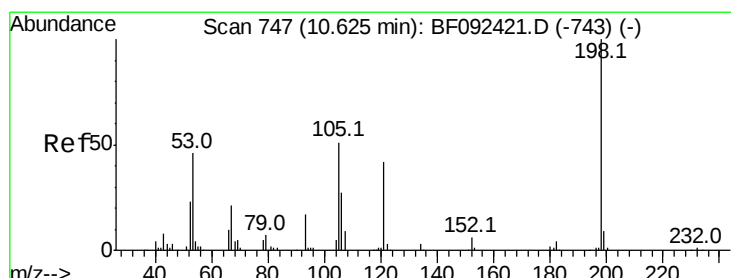
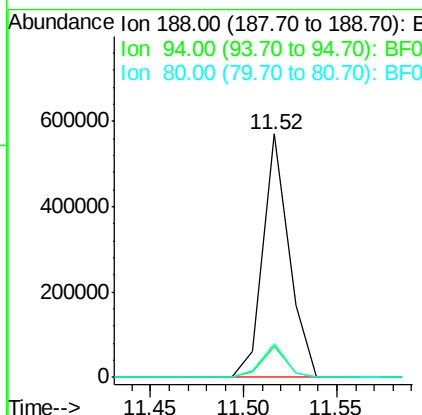
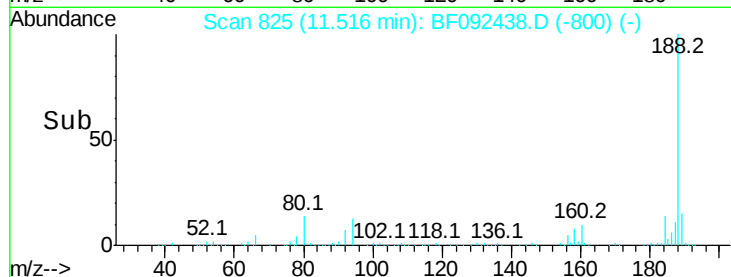
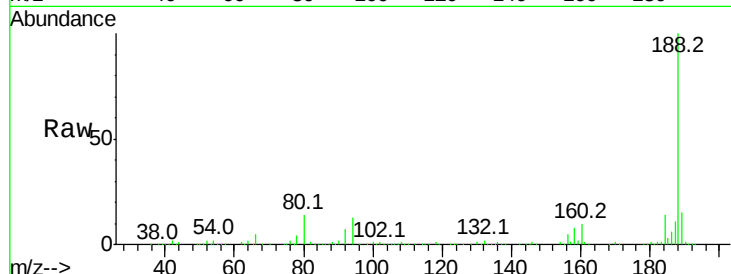
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.8	10.0	15.0	
80	13.9	11.2	16.8	

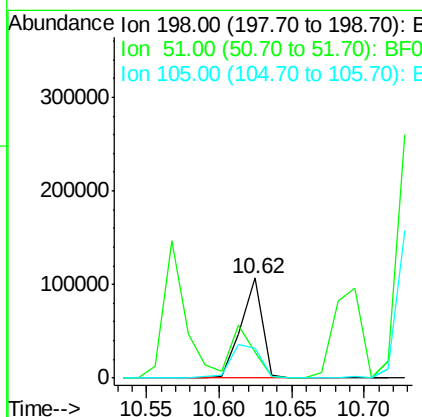
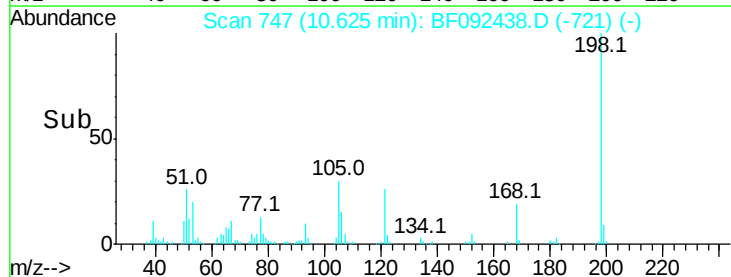
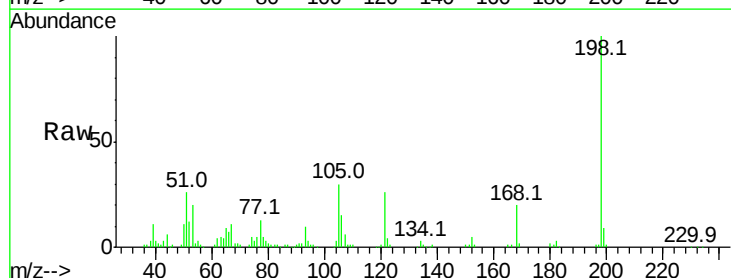
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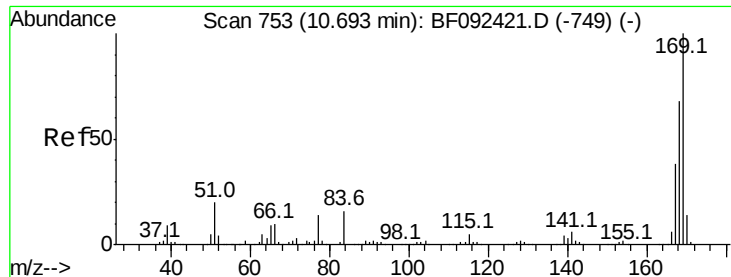
mohammad
 1/25/2017 3:49:53 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.95 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	26.4	6.7	46.7	
105	29.6	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 43.21 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 742409

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

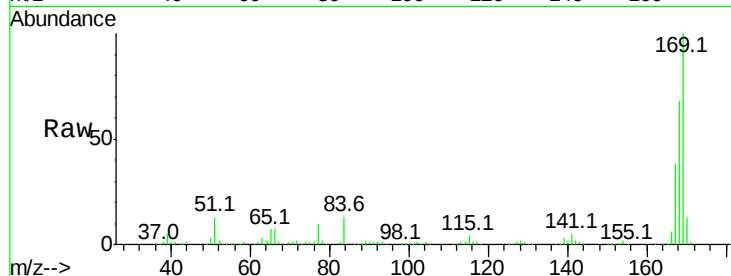
167 37.6 30.2 45.4

Manual Integrations

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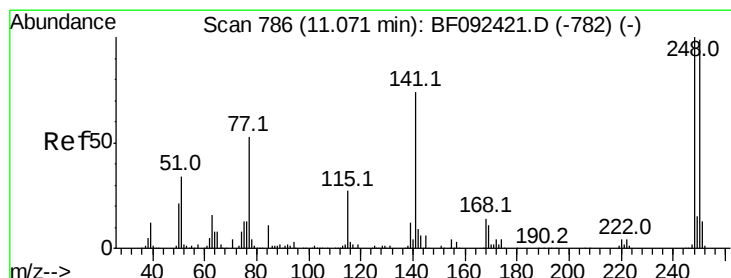
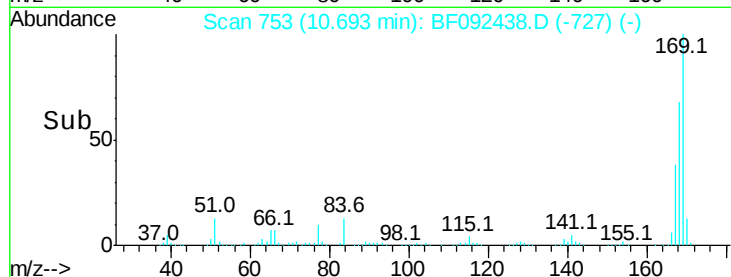
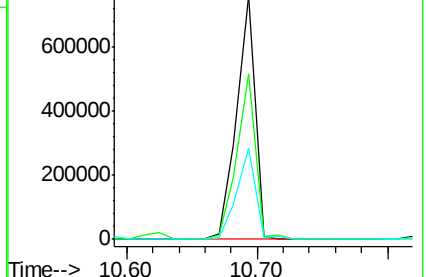
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.16 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

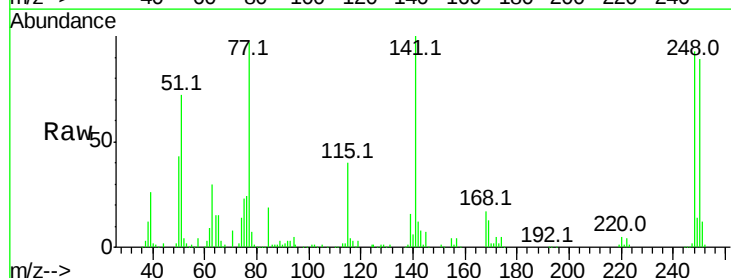
Tgt Ion:248 Resp: 223050

Ion Ratio Lower Upper

248 100

250 95.9 76.9 115.3

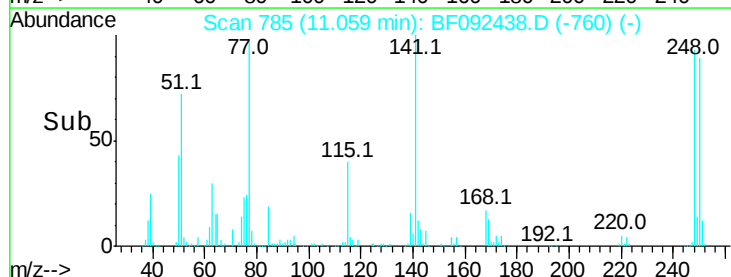
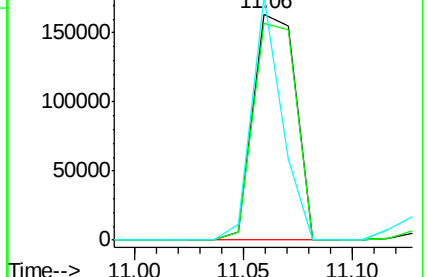
141 107.6 68.2 102.4#

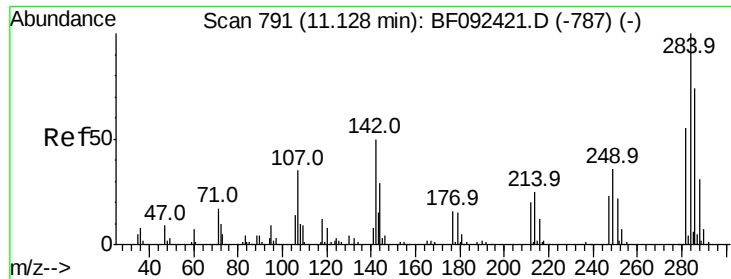


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





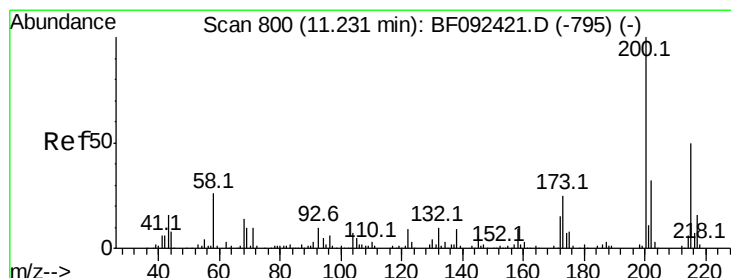
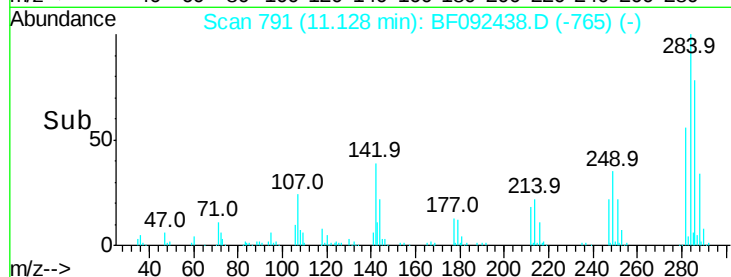
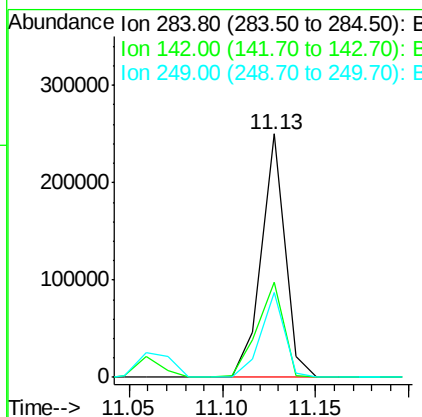
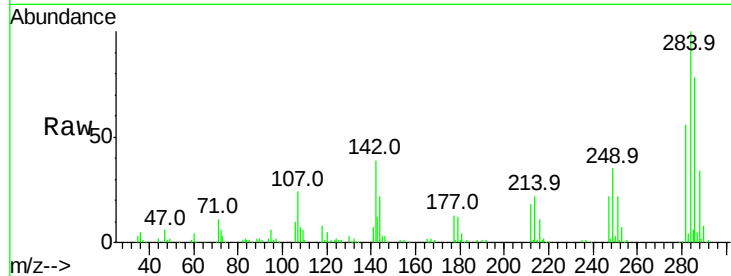
#67
Hexachlorobenzene
Concen: 39.01 ng
RT: 11.13 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	219035		
142	39.0	22.6	33.8#	
249	35.1	25.4	38.0	

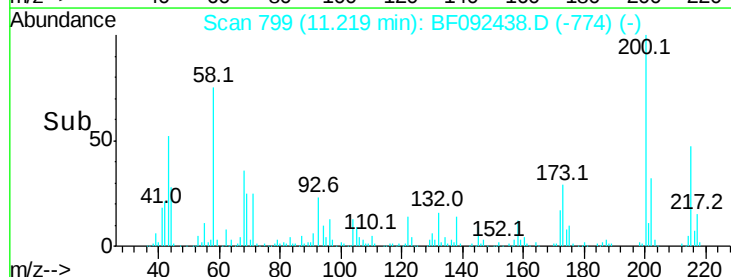
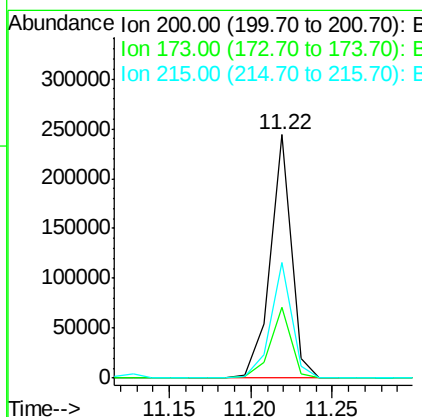
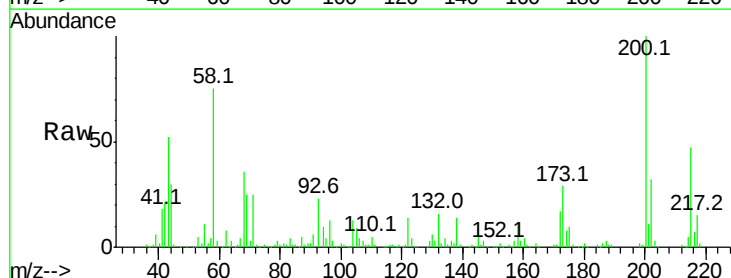
Manual Integrations
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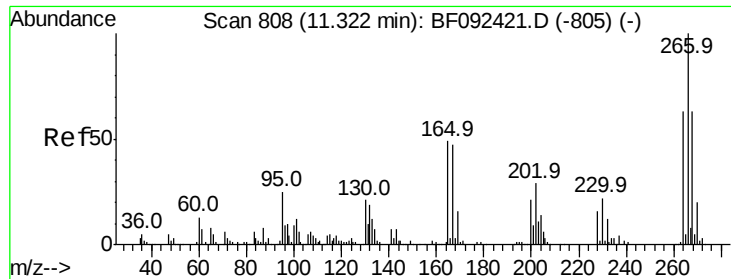
mohammad
1/25/2017 3:49:53 PM



#68
Atrazine
Concen: 37.54 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	220746		
173	29.2	9.6	49.6	
215	47.3	25.7	65.7	





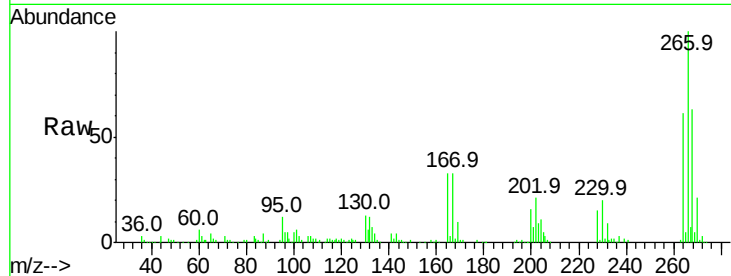
#69
 Pentachlorophenol
 Concen: 44.64 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

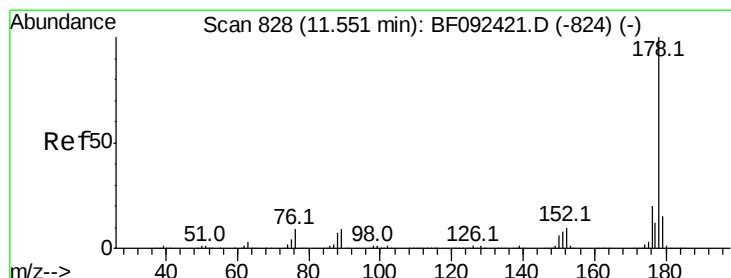
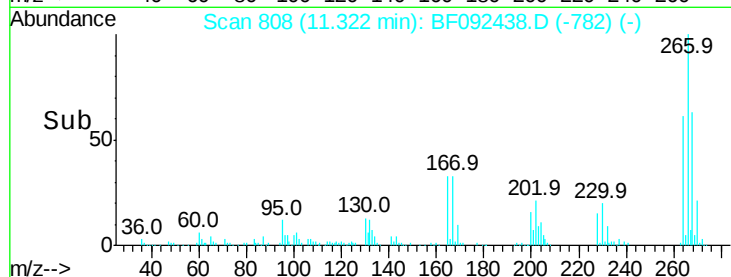
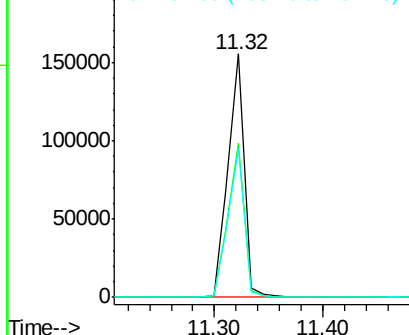
Tot Ion	Ratio	Resp	Lower	Upper
266	100	160233		
268	63.1	53.3	79.9	
264	61.4	50.3	75.5	

Manual Integrations
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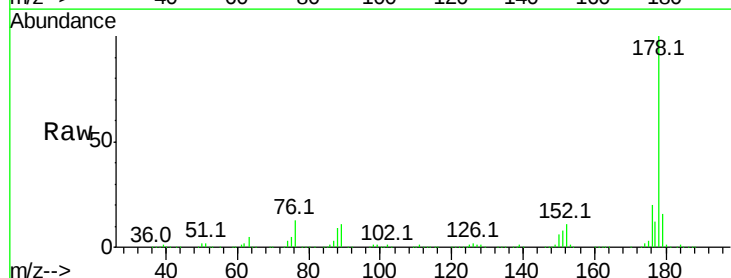


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

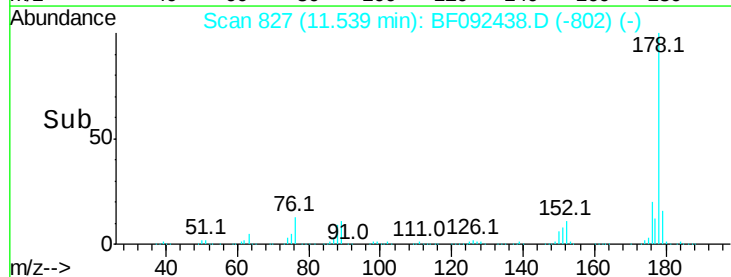
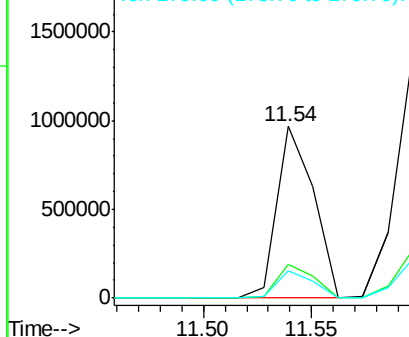


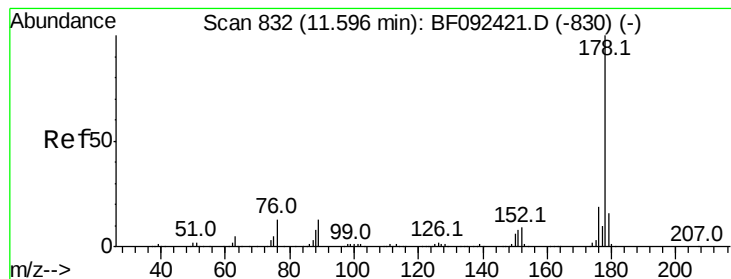
#70
 Phenanthrene
 Concen: 37.64 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1140286		
176	19.6	16.6	25.0	
179	15.8	12.8	19.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 41.94 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

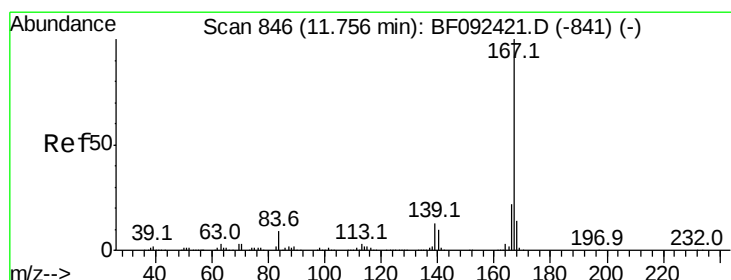
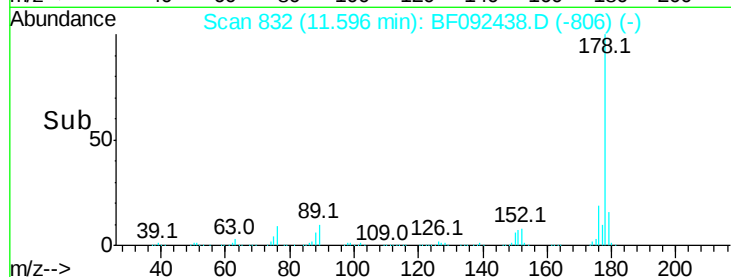
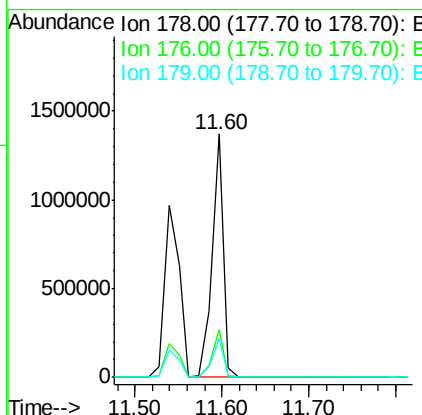
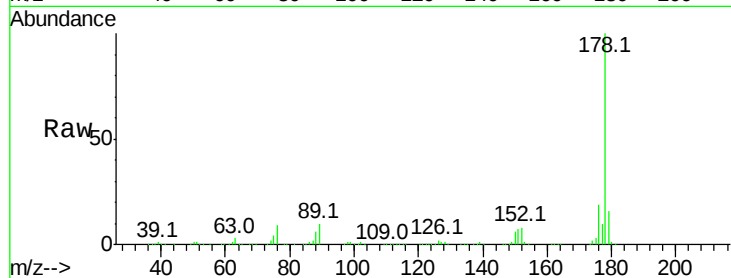
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1241680

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.7	13.2	19.8

Manual Integrations
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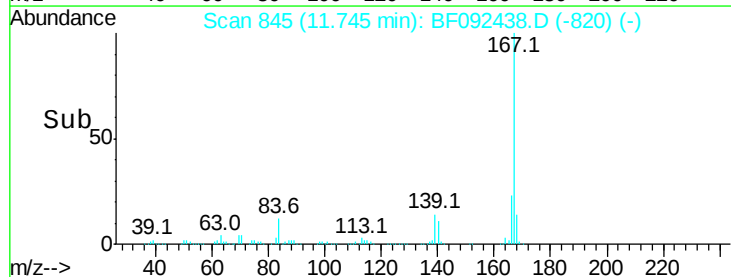
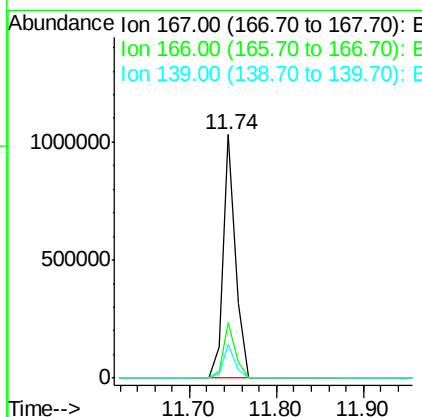
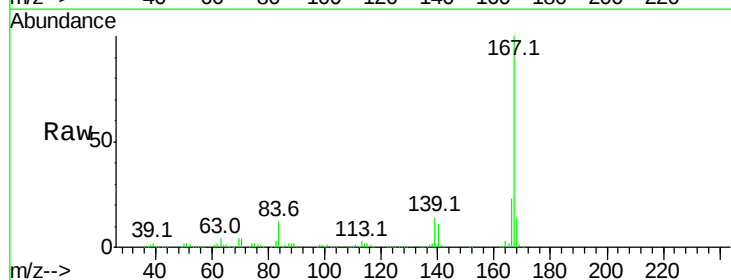
mohammad
 1/25/2017 3:49:53 PM

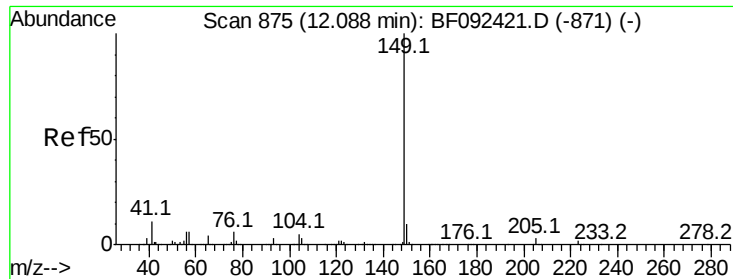


#72
 Carbazole
 Concen: 36.23 ng
 RT: 11.74 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion:167 Resp: 1024194

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	13.8	11.4	17.2





#73

Di-n-butylphthalate

Concen: 44.13 ng

RT: 12.09 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

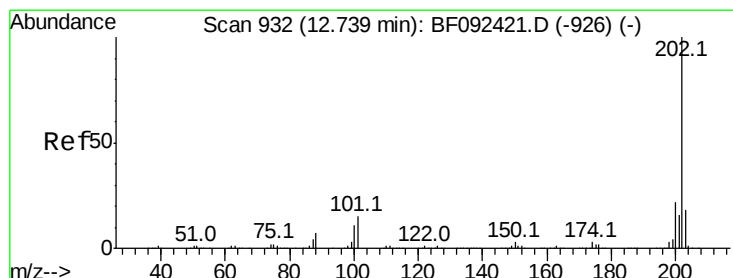
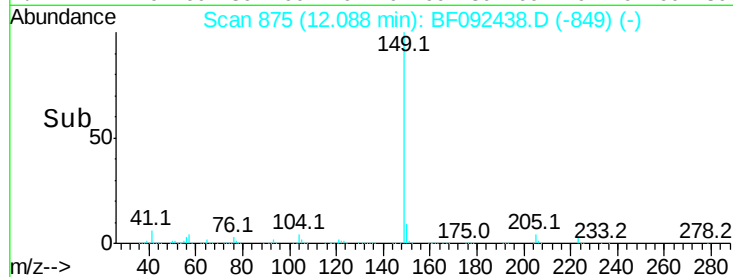
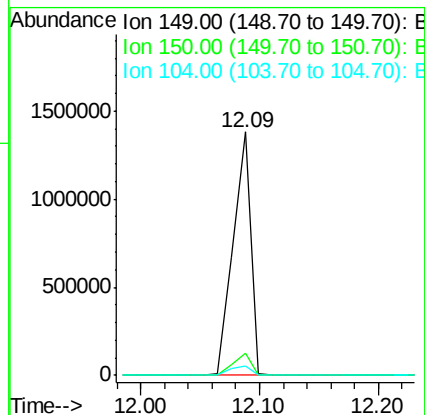
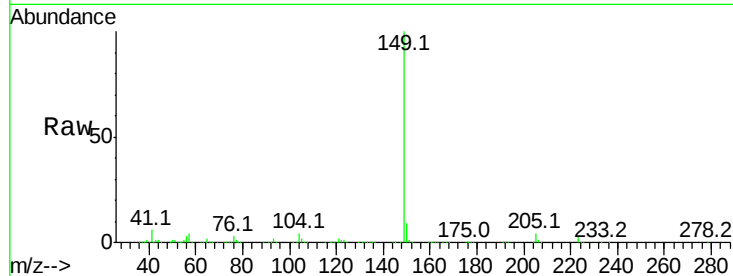
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	3.8	4.6	7.0

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#74

Fluoranthene

Concen: 39.45 ng

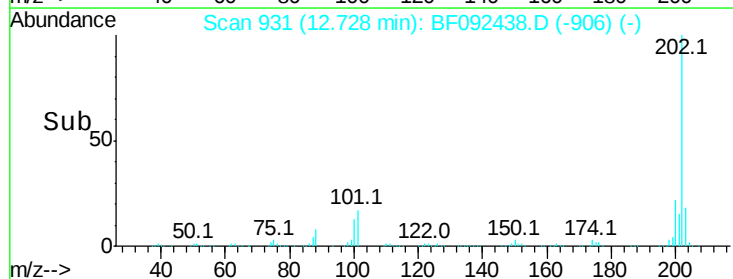
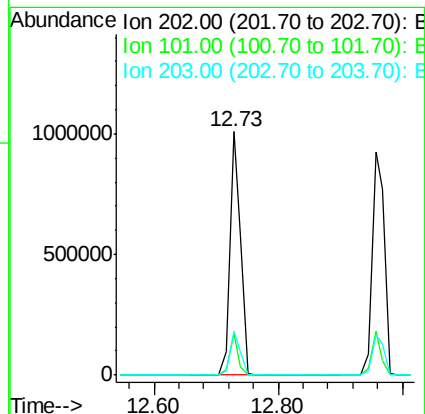
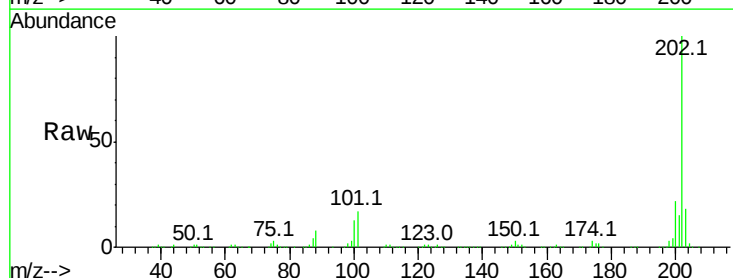
RT: 12.73 min Scan# 931

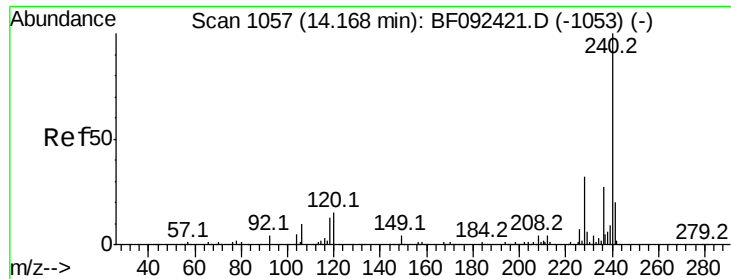
Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	34.6
203	18.2	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Instrument :

BNA_F

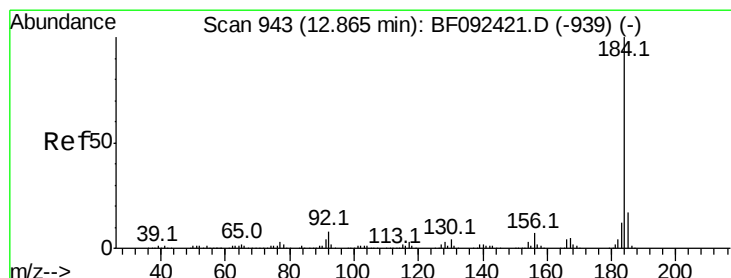
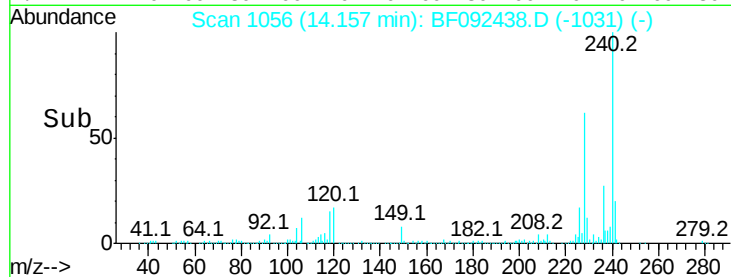
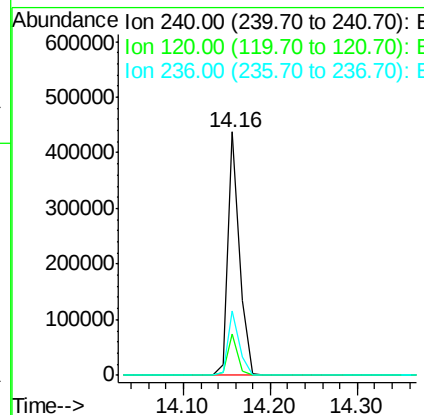
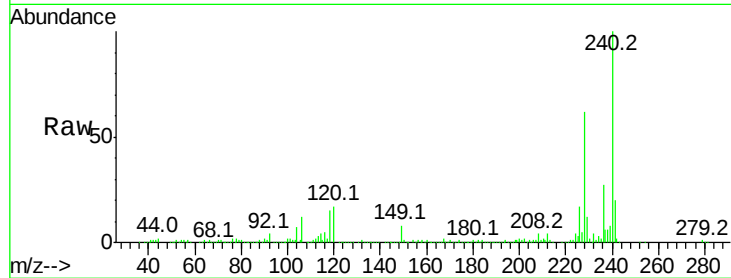
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	412864
Ion Ratio	Lower	Upper	
240	100		
120	16.9	12.9	19.3
236	26.5	20.9	31.3

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#76

Benzidine

Concen: 41.44 ng

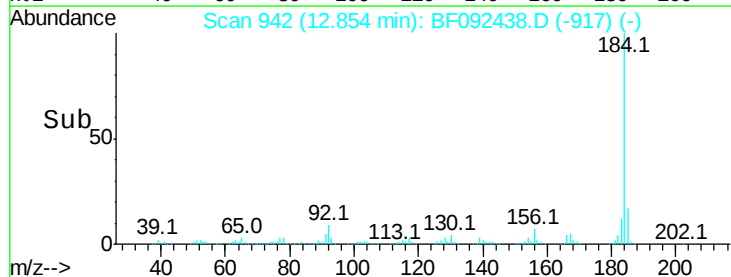
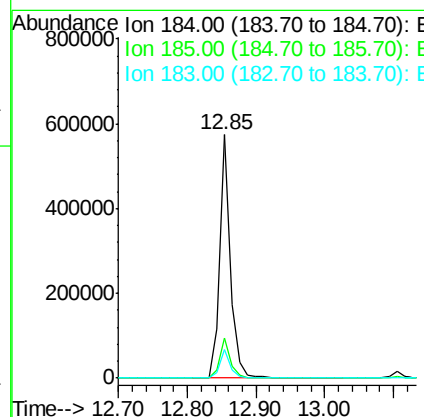
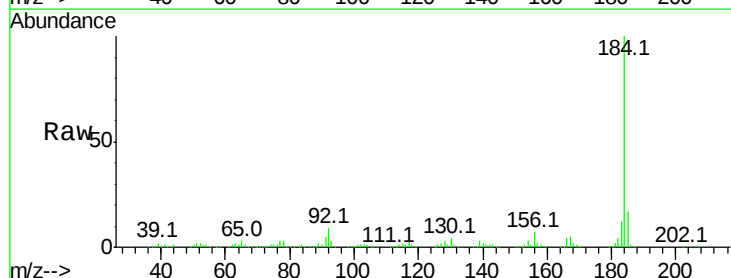
RT: 12.85 min Scan# 942

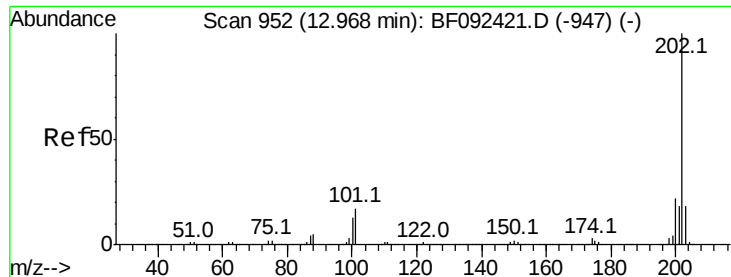
Delta R.T. -0.01 min

Lab File: BF092438.D

Acq: 24 Jan 2017 19:33

Tgt Ion:	184	Resp:	635178
Ion Ratio	Lower	Upper	
184	100		
185	16.5	13.4	20.0
183	11.7	9.2	13.8





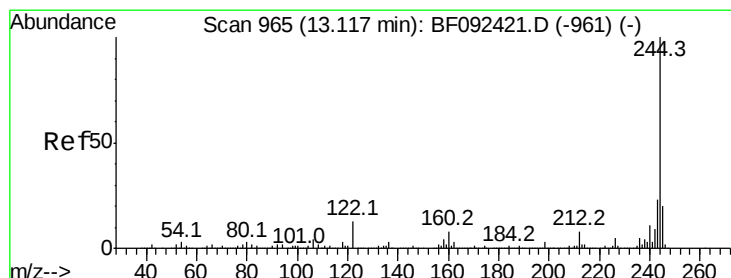
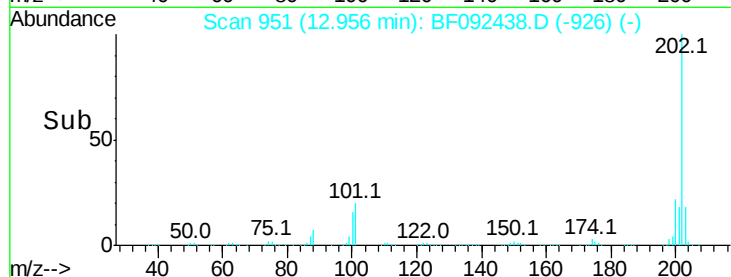
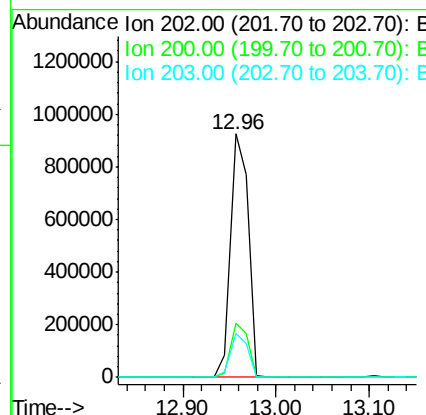
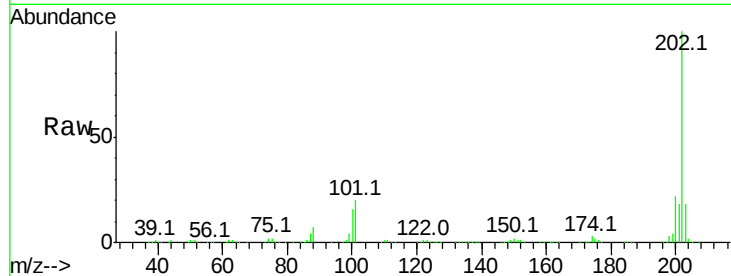
#77
Pvrene
Concen: 41.23 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.1	14.7	22.1

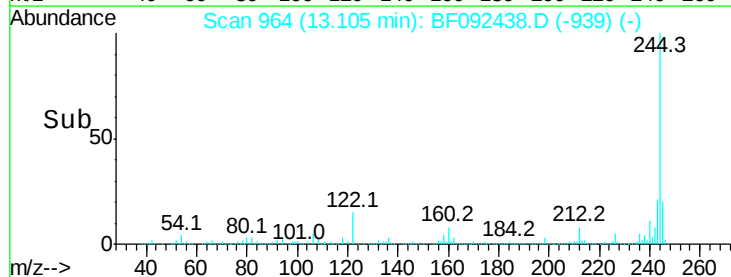
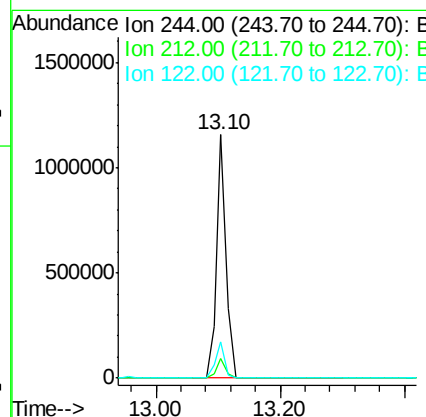
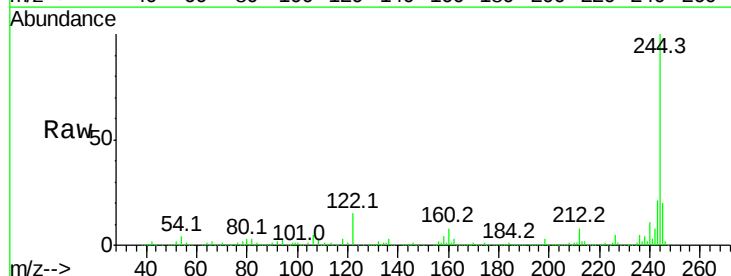
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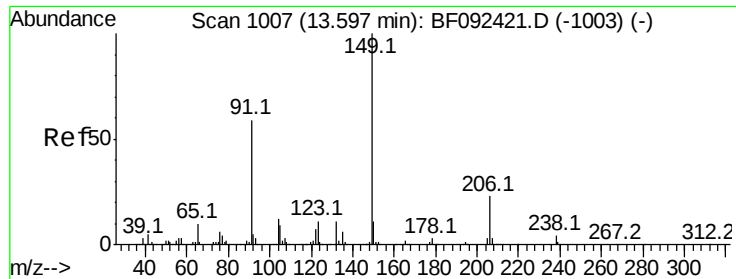
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#78
Terphenyl-d14
Concen: 77.54 ng
RT: 13.10 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	14.7	11.4	17.2





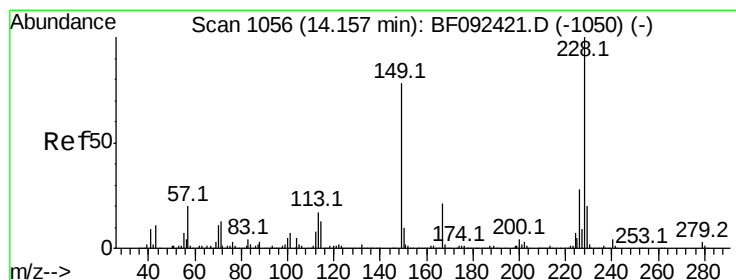
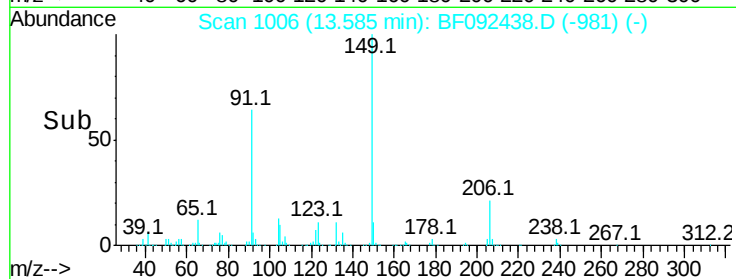
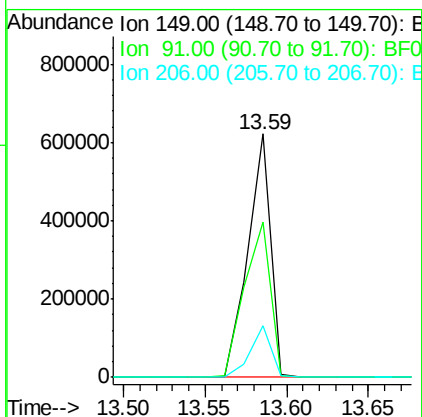
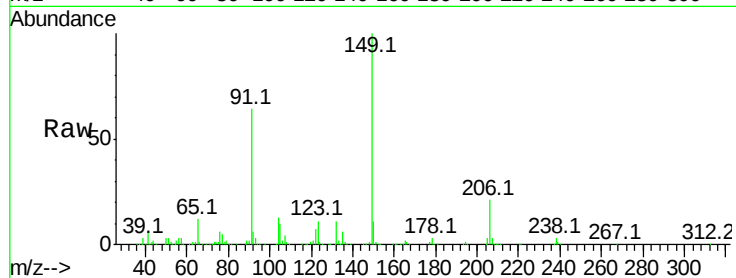
#79
Butylbenzylphthalate
Concen: 49.55 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	63.8	63.9	95.9#
206	21.4	14.6	21.8

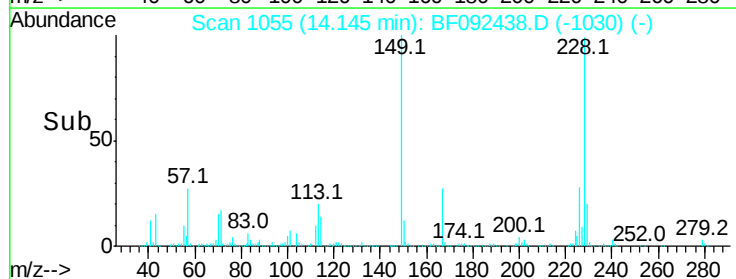
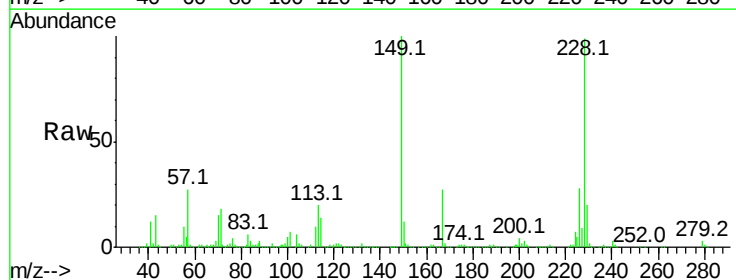
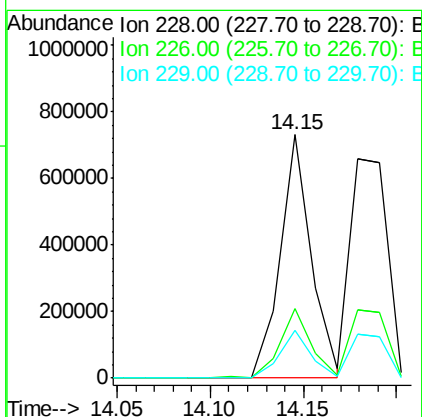
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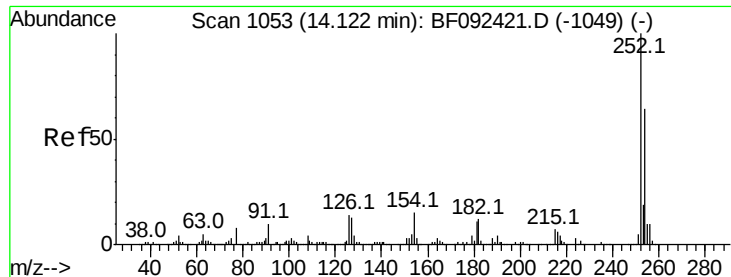
mohammad
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#80
Benzo(a)anthracene
Concen: 38.29 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.5	22.4	33.6
229	19.8	16.2	24.4





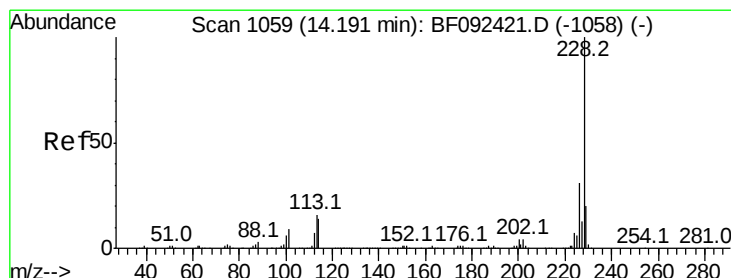
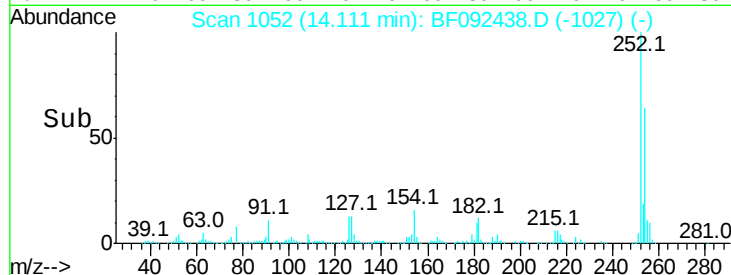
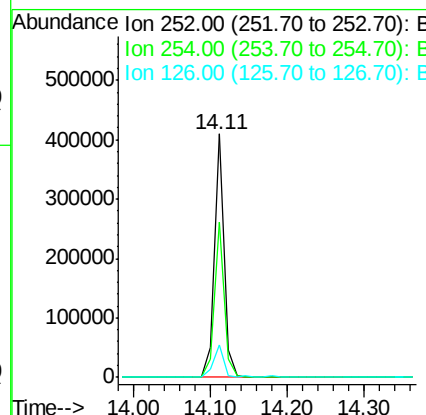
#81
 3,3'-Dichlorobenzidine
 Concen: 42.02 ng
 RT: 14.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.7	52.3	78.5	
126	13.2	13.6	20.4	

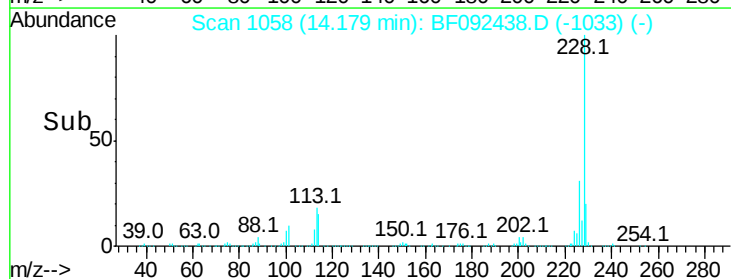
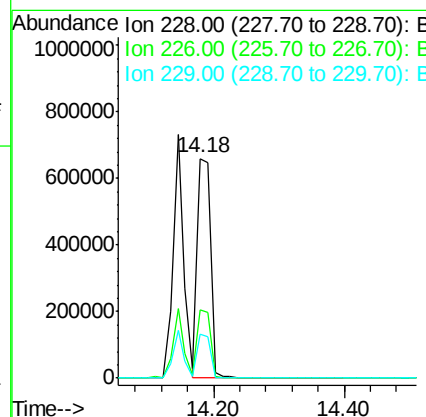
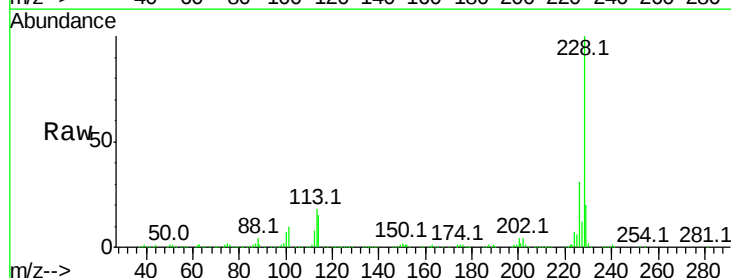
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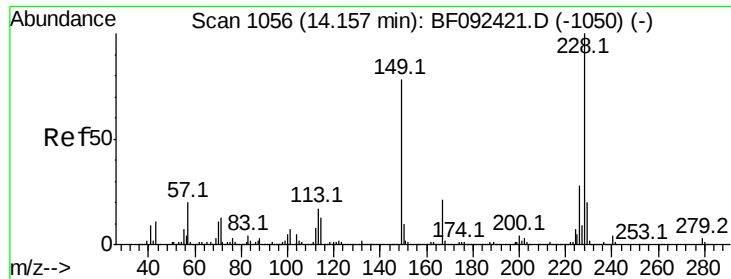
mohammad
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#82
 Chrysene
 Concen: 38.92 ng
 RT: 14.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

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





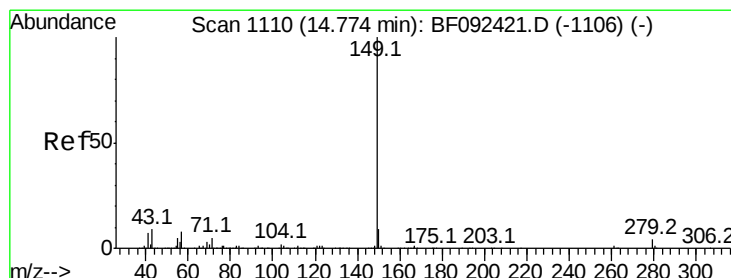
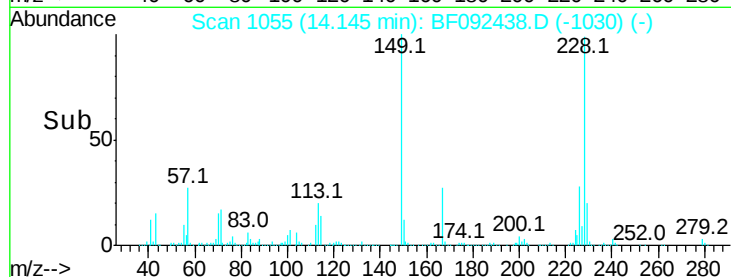
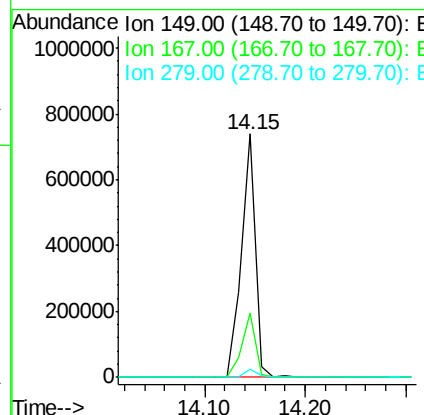
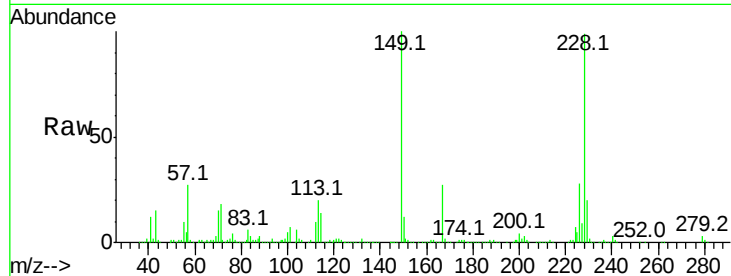
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.86 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	715139		
167	26.6	20.2	30.4	
279	3.4	1.8	2.8#	

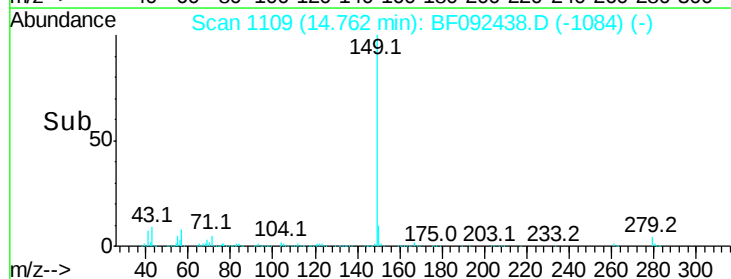
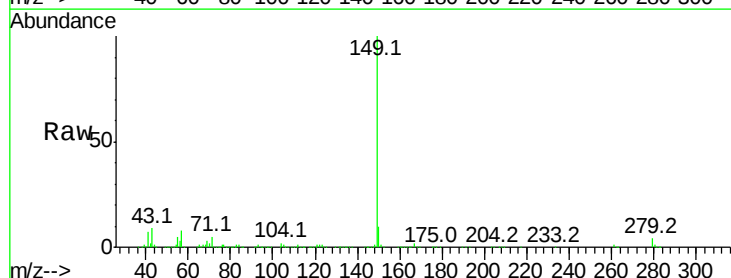
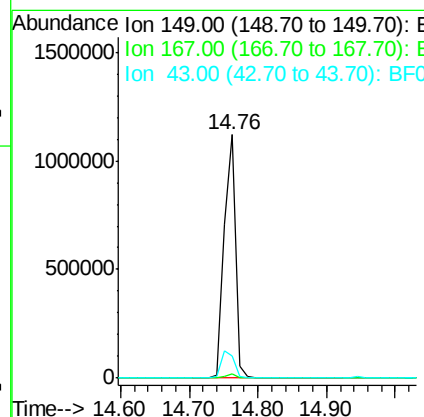
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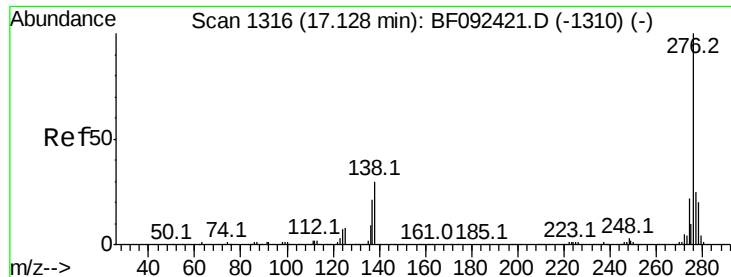
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#84
 Di-n-octyl phthalate
 Concen: 47.56 ng
 RT: 14.76 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1317796		
167	1.5	1.3	1.9	
43	12.2	8.9	13.3	





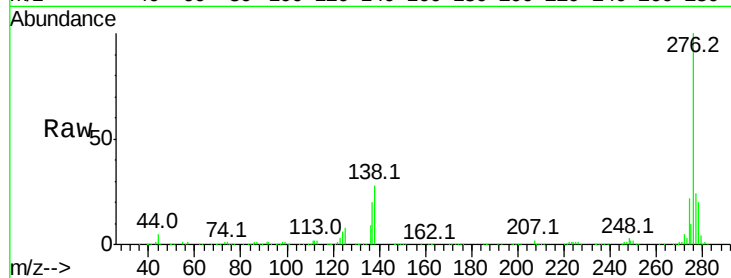
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.36 ng
RT: 17.12 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

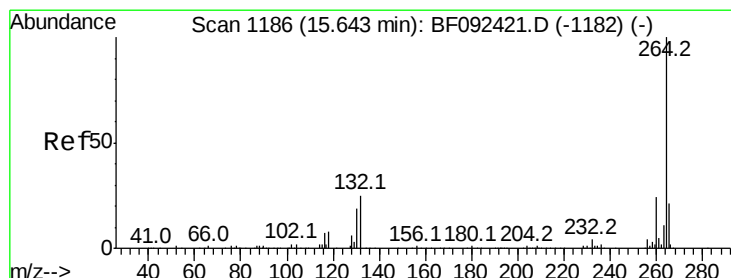
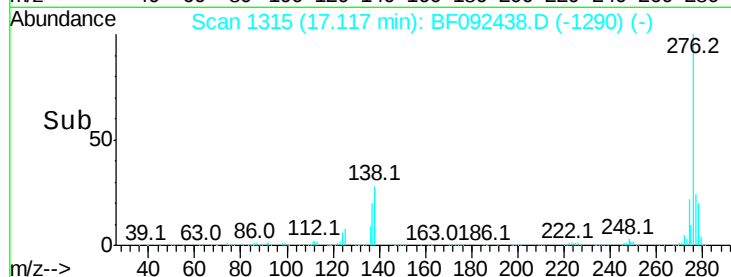
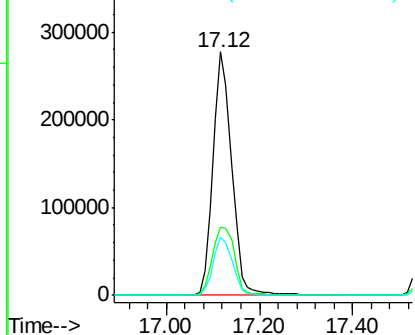
Tot Ion	Ratio	Lower	Upper
276	100		
138	33.3	21.8	32.6
277	24.7	20.2	30.4

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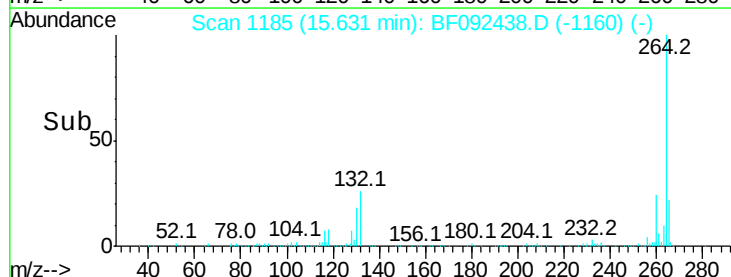
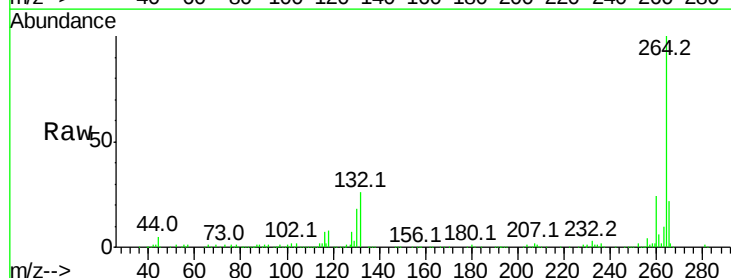
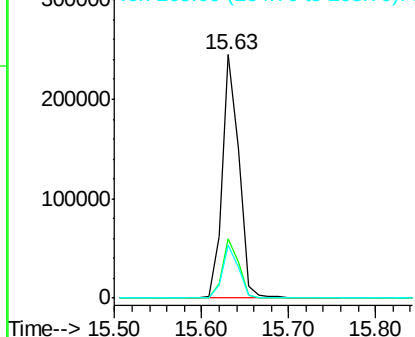
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

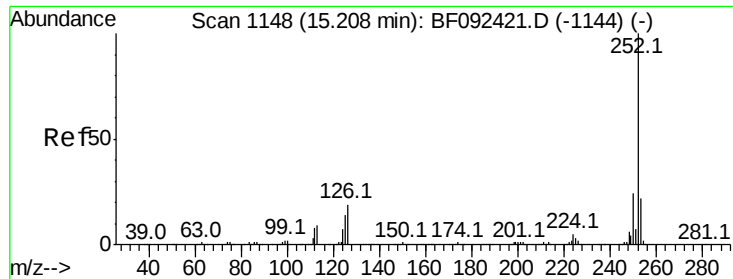


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.4	26.0

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





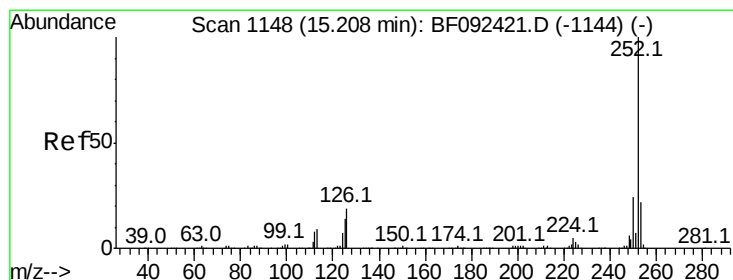
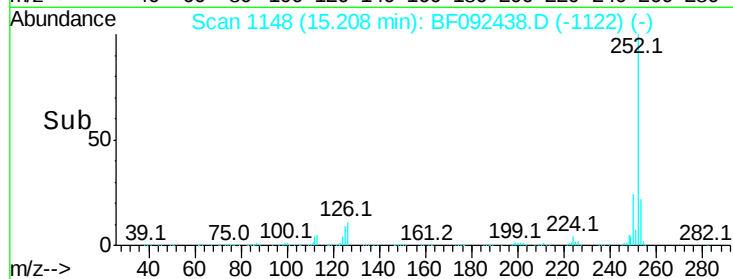
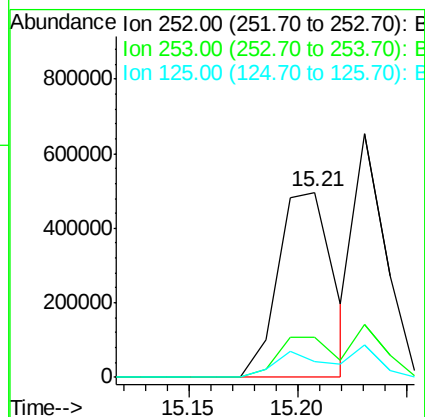
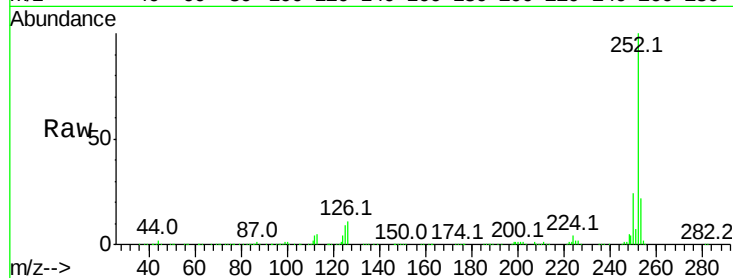
#87
Benzo(b)fluoranthene
Concen: 41.37 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	8.6	9.8	14.6

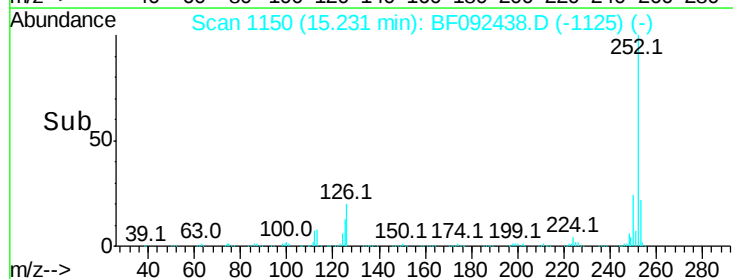
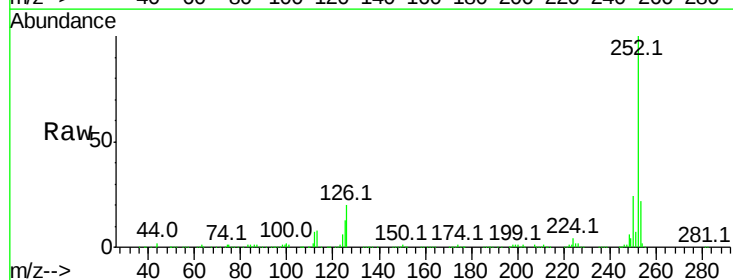
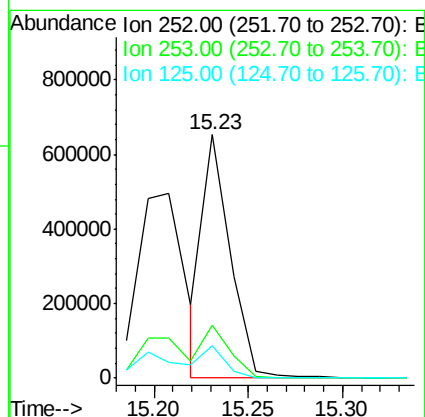
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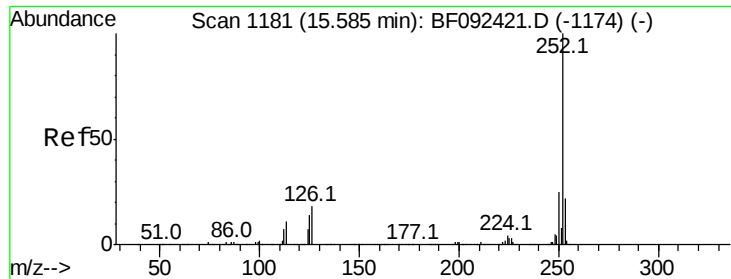
mohammad
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#88
Benzo(k)fluoranthene
Concen: 37.47 ng m
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	13.3	8.9	13.3





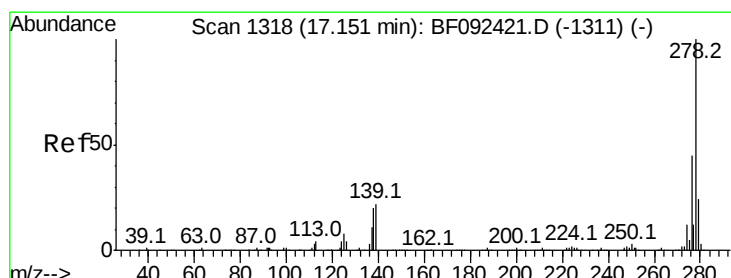
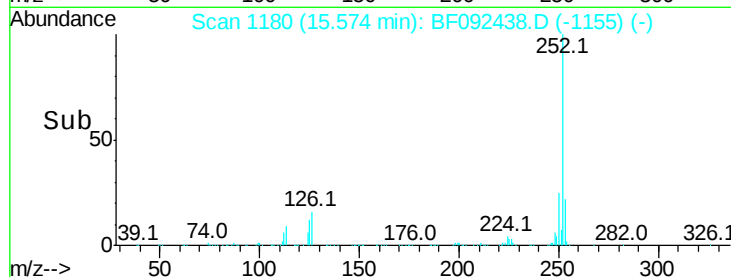
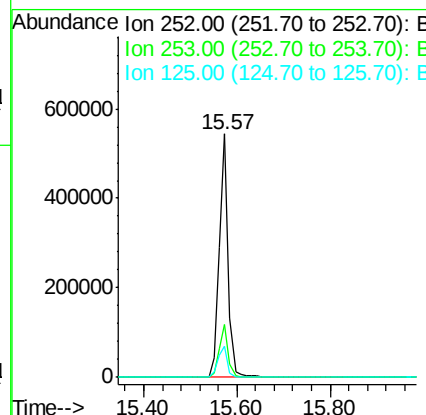
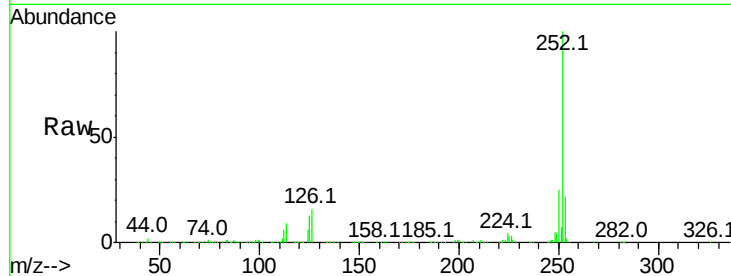
#89
Benzo(a)pyrene
Concen: 40.42 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.6	10.0	15.0

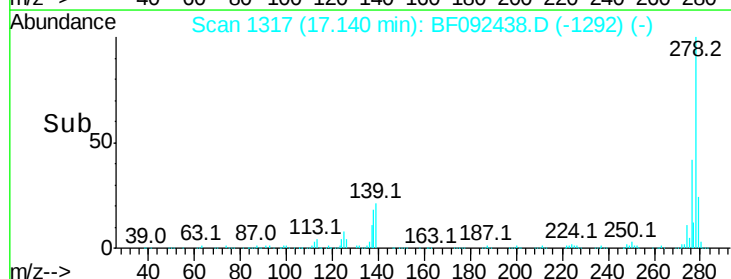
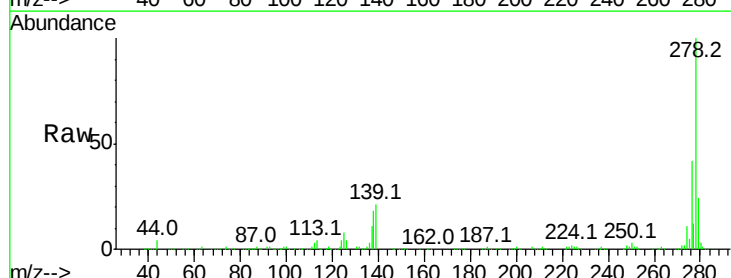
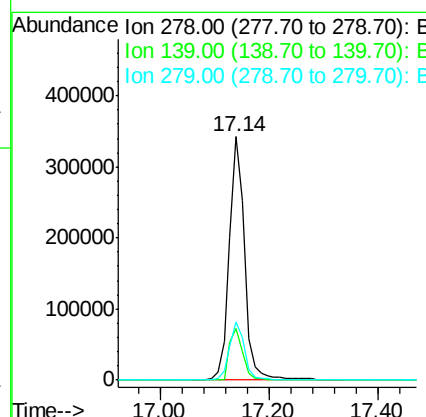
Manual Integrations
APPROVED

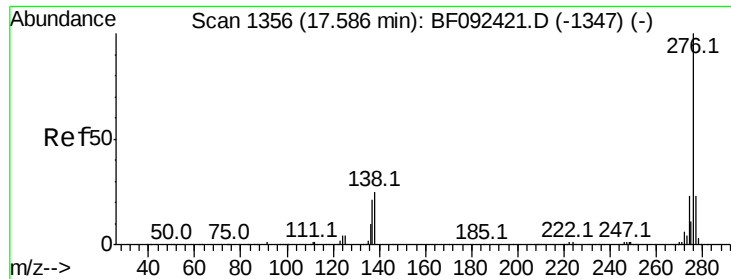
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#90
Dibenzo(a,h)anthracene
Concen: 46.48 ng
RT: 17.14 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF092438.D
Acq: 24 Jan 2017 19:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	14.8	22.2
279	23.6	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.32 ng
 RT: 17.57 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF092438.D
 Acq: 24 Jan 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	19.2	28.8
138	28.1	16.0	24.0

Manual Integrations
 APPROVED

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