

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092736.D
 Acq On : 2 Feb 2017 15:27
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/3/2017 1:22:20 PM

Quant Time: Feb 03 00:04:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	178504	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	638727	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	370955	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	592312	20.00	ng	-0.02
75) Chrysene-d12	14.11	240	453189	20.00	ng	-0.03
86) Perylene-d12	15.56	264	419337	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	872094	83.82	ng	-0.03
7) Phenol-d6	6.58	99	1110838	82.98	ng	-0.02
23) Nitrobenzene-d5	7.50	82	1055694	92.04	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	218524	81.45	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1562291	76.30	ng	-0.03
78) Terphenyl-d14	13.05	244	1469641	76.20	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	246533	43.85	ng	86
3) Pyridine	3.31	79	668066	46.73	ng	86
4) n-Nitrosodimethylamine	3.28	42	314986	46.92	ng	84
6) Aniline	6.60	93	813438	44.54	ng	# 47
8) 2-Chlorophenol	6.73	128	483485	42.12	ng	92
9) Benzaldehyde	6.48	77	396147	41.30	ng	87
10) Phenol	6.59	94	649532	41.47	ng	97
11) bis(2-Chloroethyl)ether	6.67	93	502344	40.18	ng	90
12) 1,3-Dichlorobenzene	6.88	146	556791m	41.41	ng	
13) 1,4-Dichlorobenzene	6.96	146	579322	42.57	ng	95
14) 1,2-Dichlorobenzene	7.10	146	492113	37.82	ng	96
15) Benzyl Alcohol	7.08	79	402139	40.57	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	992893	45.71	ng	94
17) 2-Methylphenol	7.20	107	422863	42.94	ng	97
18) Hexachloroethane	7.45	117	187988	40.47	ng	# 87
19) n-Nitroso-di-n-propylamine	7.36	70	348420	40.88	ng	95
20) 3+4-Methylphenols	7.36	107	476214	40.45	ng	91
22) Acetophenone	7.36	105	677600	46.46	ng	# 92
24) Nitrobenzene	7.53	77	617002	52.39	ng	97
25) Isophorone	7.77	82	1057138	49.46	ng	97
26) 2-Nitrophenol	7.85	139	237990	42.51	ng	# 77
27) 2,4-Dimethylphenol	7.88	122	369710	37.60	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	531672	37.56	ng	99
29) 2,4-Dichlorophenol	8.09	162	370632	40.42	ng	92
30) 1,2,4-Trichlorobenzene	8.17	180	391226	39.59	ng	95
31) Naphthalene	8.25	128	1198979	37.03	ng	99
32) Benzoic acid	8.01	122	224687	41.48	ng	96
33) 4-Chloroaniline	8.30	127	540559	42.57	ng	# 93
34) Hexachlorobutadiene	8.36	225	202755	37.29	ng	99
35) Caprolactam	8.68	113	131526	45.60	ng	# 66
36) 4-Chloro-3-methylphenol	8.78	107	363364	38.01	ng	97
37) 2-Methylnaphthalene	8.94	142	853411	41.05	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	386470	37.11	ng	99
40) Hexachlorocyclopentadiene	9.09	237	180166	38.35	ng	95

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	260285	38.04	nq	92
43) 2,4,5-Trichlorophenol	9.26	196	293479	39.15	nq	# 88
45) 1,1'-Biphenyl	9.40	154	949993	35.37	nq	97
46) 2-Chloronaphthalene	9.42	162	795456	37.86	nq	94
47) 2-Nitroaniline	9.53	65	268758	38.04	nq	96
48) Acenaphthylene	9.85	152	1419522	39.11	nq	99
49) Dimethylphthalate	9.71	163	996017	39.86	nq	100
50) 2,6-Dinitrotoluene	9.77	165	202091	37.45	nq	# 82
51) Acenaphthene	10.02	154	865661	39.89	nq	96
52) 3-Nitroaniline	9.94	138	219472	35.54	nq	99
53) 2,4-Dinitrophenol	10.04	184	111263	42.87	nq	# 77
54) Dibenzofuran	10.19	168	1134107	39.07	nq	91
55) 4-Nitrophenol	10.11	139	201973	45.41	nq	# 73
56) 2,4-Dinitrotoluene	10.17	165	254982	35.49	nq	98
57) Fluorene	10.53	166	918091	41.11	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.30	232	203535	40.70	nq	98
59) Diethylphthalate	10.40	149	918278	39.00	nq	100
60) 4-Chlorophenyl-phenylether	10.52	204	426176	39.72	nq	# 83
61) 4-Nitroaniline	10.56	138	258341	40.84	nq	91
62) Azobenzene	10.68	77	973249	40.01	nq	93
64) 4,6-Dinitro-2-methylphenol	10.58	198	153785	42.95	nq	# 74
65) n-Nitrosodiphenylamine	10.64	169	750923	39.69	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	256358	41.43	nq	# 81
67) Hexachlorobenzene	11.07	284	242076	39.59	nq	# 76
68) Atrazine	11.17	200	253123	41.69	nq	89
69) Pentachlorophenol	11.28	266	131013	44.97	nq	98
70) Phenanthrene	11.49	178	1391731	41.01	nq	98
71) Anthracene	11.54	178	1248045	36.62	nq	99
72) Carbazole	11.70	167	1241987	38.13	nq	99
73) Di-n-butylphthalate	12.02	149	1390606	39.47	nq	98
74) Fluoranthene	12.68	202	1423802	40.68	nq	91
76) Benzidine	12.80	184	685301	35.49	nq	99
77) Pyrene	12.91	202	1437904	42.40	nq	99
79) Butylbenzylphthalate	13.52	149	562705	40.86	nq	97
80) Benzo(a)anthracene	14.09	228	1148438	41.43	nq	99
81) 3,3'-Dichlorobenzidine	14.05	252	389161	39.39	nq	97
82) Chrysene	14.13	228	1125787	43.38	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	801331	42.54	nq	# 98
84) Di-n-octyl phthalate	14.69	149	1399478	45.63	nq	100
85) Indeno(1,2,3-cd)pyrene	17.03	276	923611	45.95	nq	95
87) Benzo(b)fluoranthene	15.14	252	1039257	37.65	nq	99
88) Benzo(k)fluoranthene	15.17	252	1011305m	42.44	nq	
89) Benzo(a)pyrene	15.51	252	959922	40.21	nq	98
90) Dibenzo(a,h)anthracene	17.04	278	787224	40.80	nq	# 95
91) Benzo(g,h,i)perylene	17.47	276	772230	39.62	nq	94

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

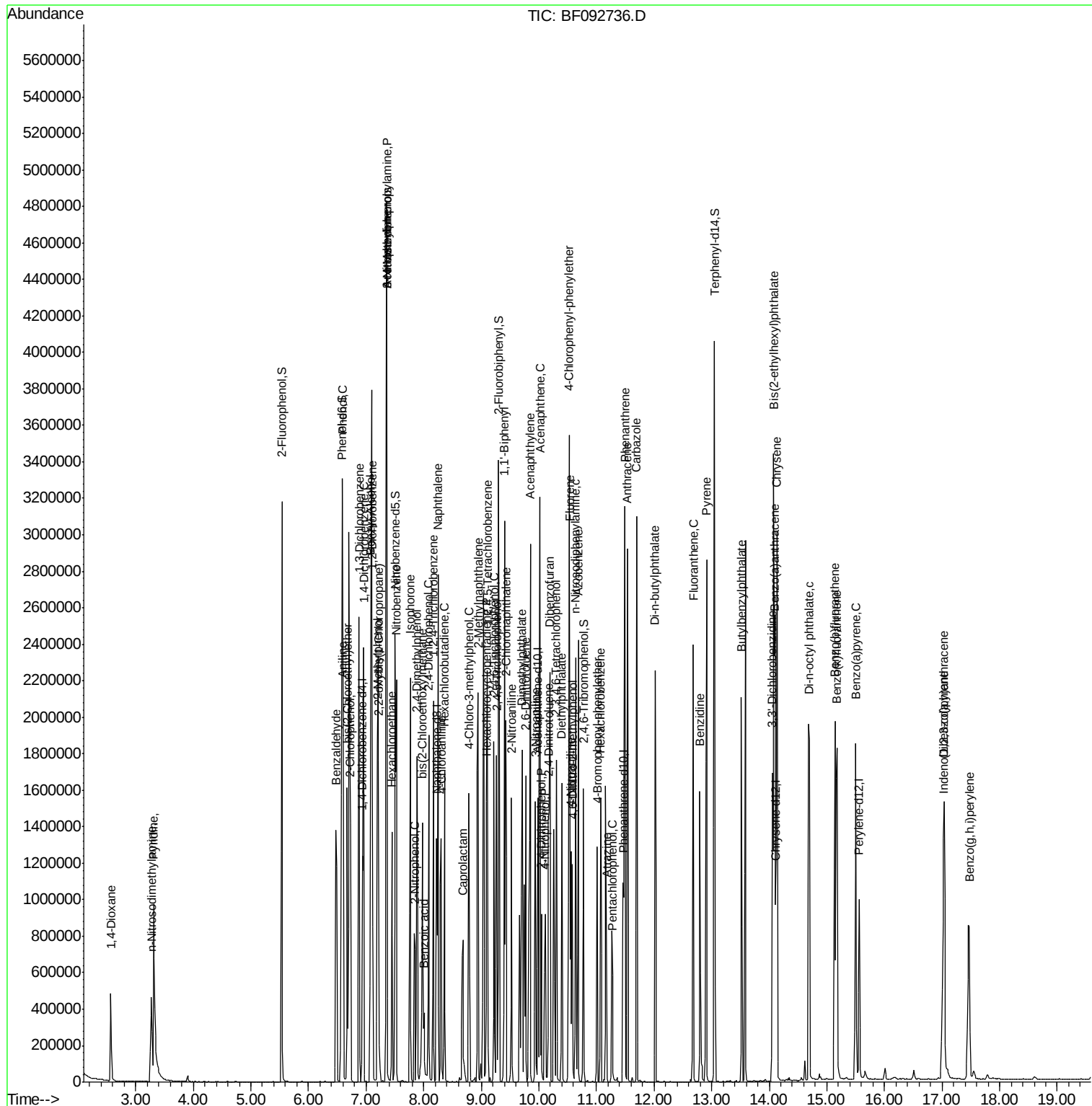
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
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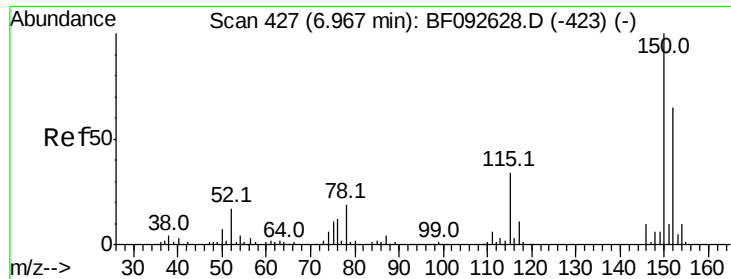
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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#1

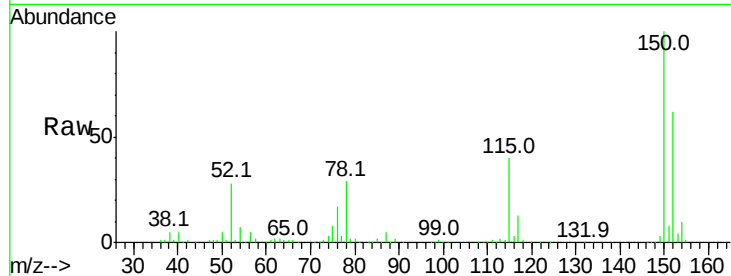
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.9	187.3
115	64.4	46.0	69.0

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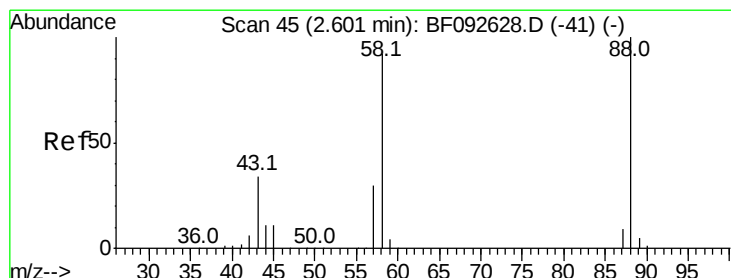
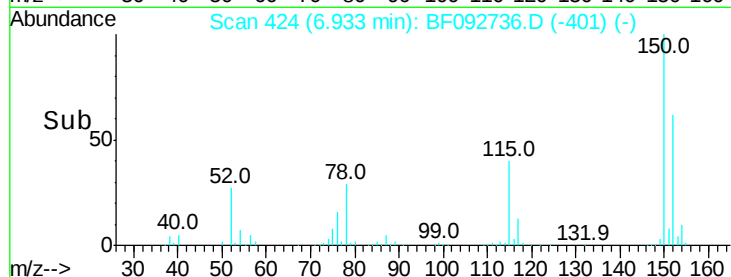
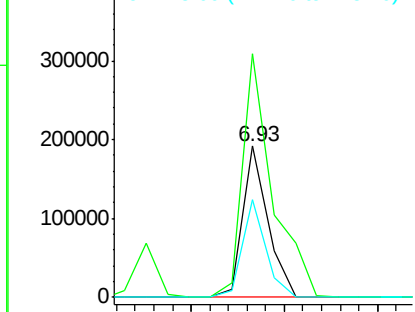


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

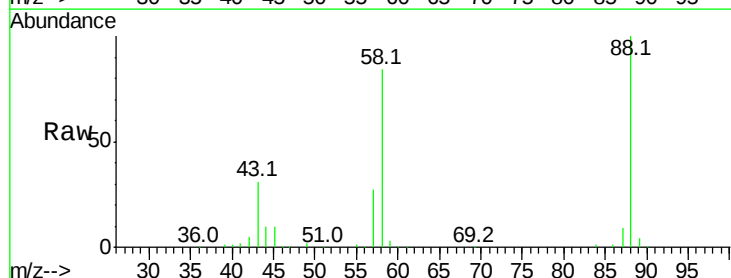
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.85 ng
RT: 2.57 min Scan# 42
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	57.8	86.8
43	32.5	22.3	33.5

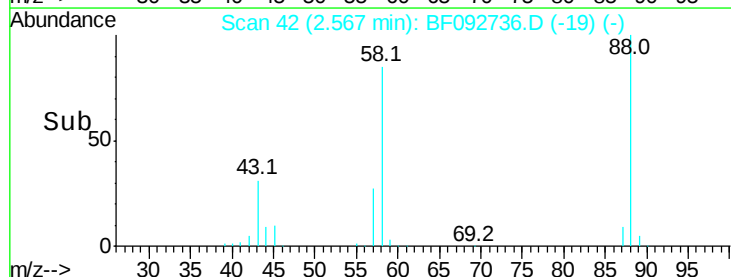
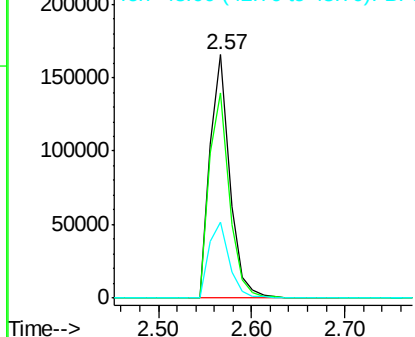


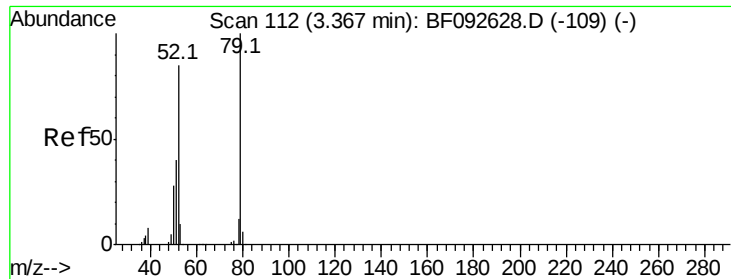
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 46.73 ng

RT: 3.31 min Scan# 107

Delta R.T. -0.06 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

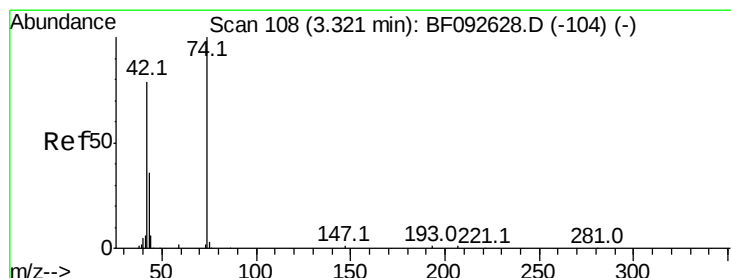
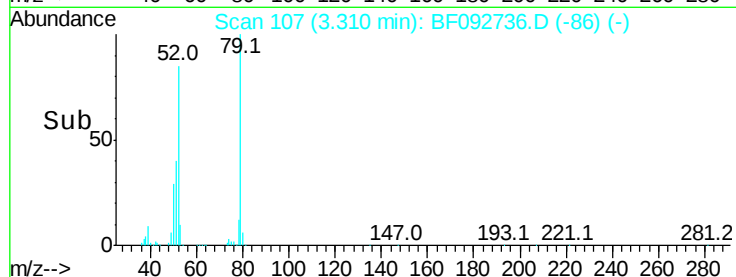
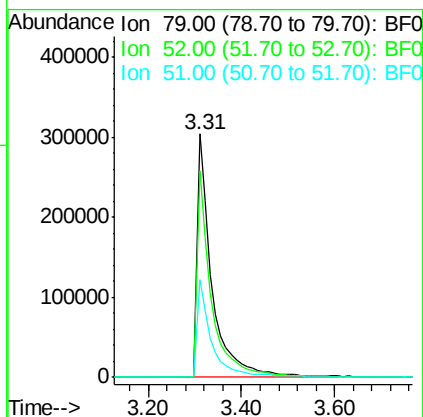
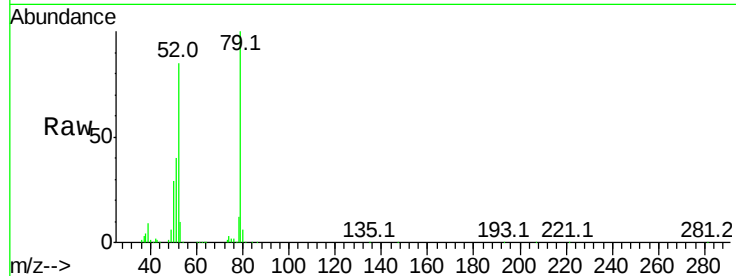
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	668066
Ion	Ratio	Lower	Upper
79	100		
52	85.1	57.1	85.7
51	40.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 46.92 ng

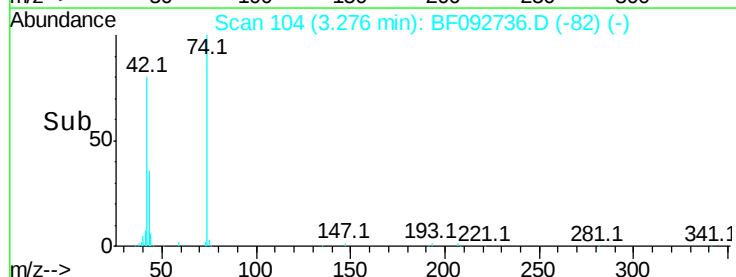
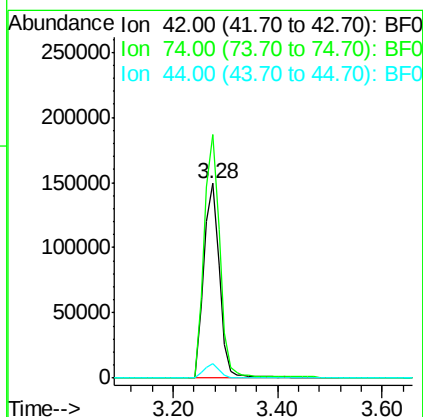
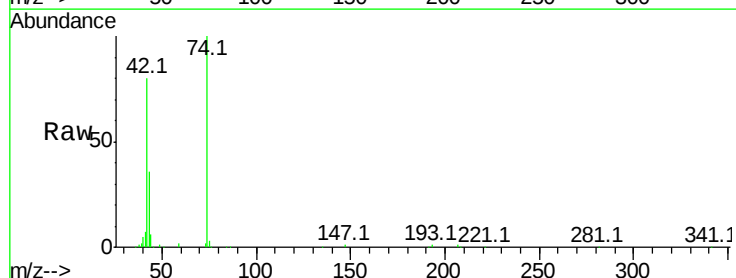
RT: 3.28 min Scan# 104

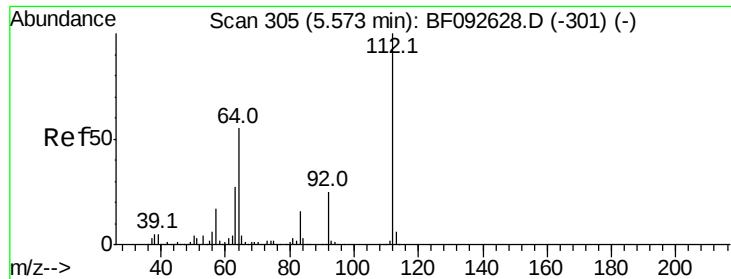
Delta R.T. -0.05 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:	42	Resp:	314986
Ion	Ratio	Lower	Upper
42	100		
74	125.2	117.0	175.4
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 83.82 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

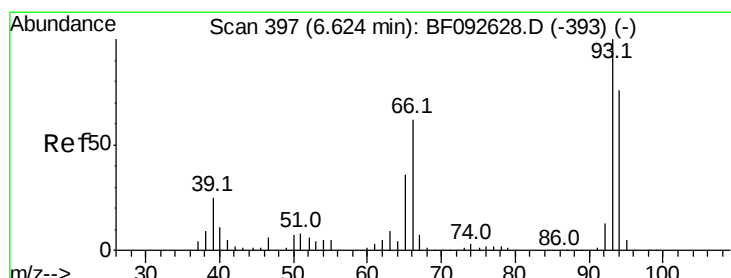
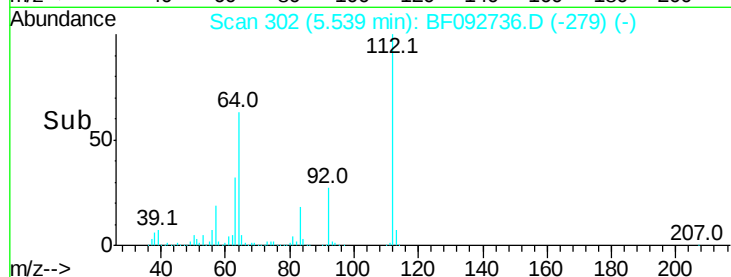
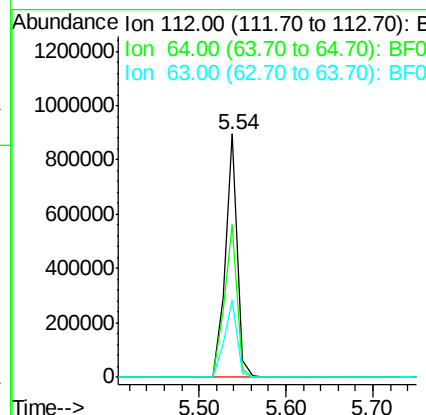
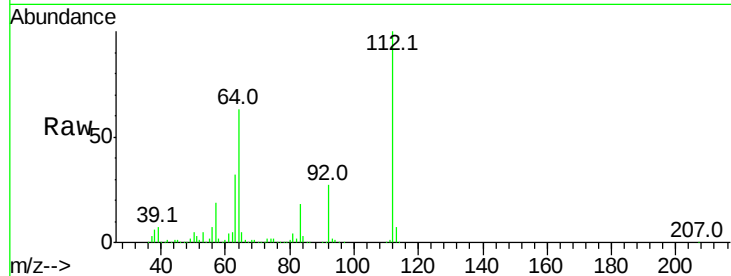
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	872094
Ion Ratio	Lower	Upper	
112	100		
64	63.0	46.1	69.1
63	31.8	23.8	35.6

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#6

Aniline

Concen: 44.54 ng

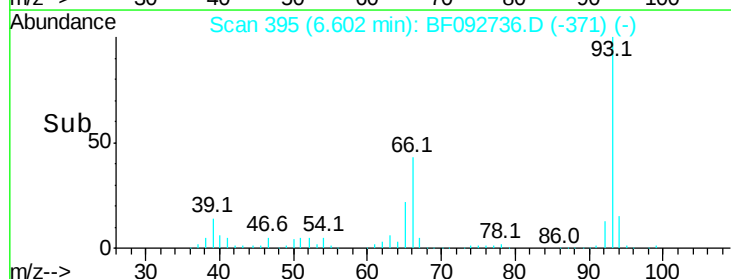
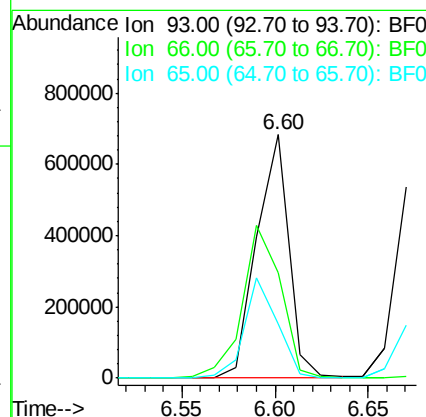
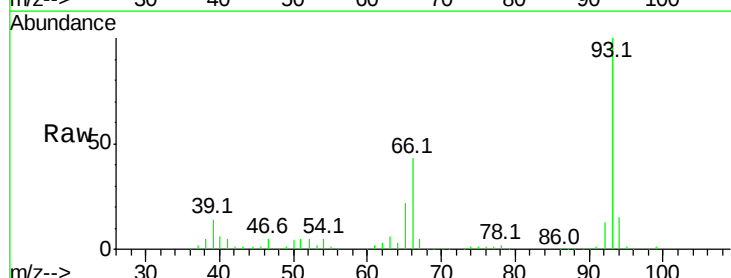
RT: 6.60 min Scan# 395

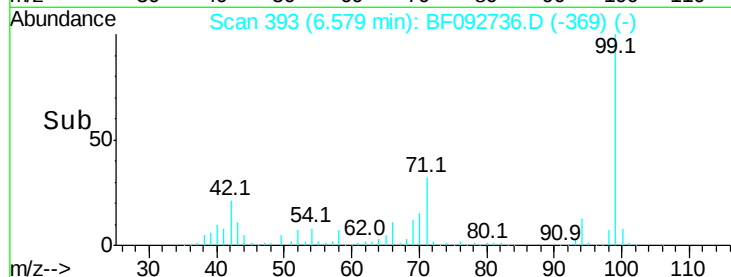
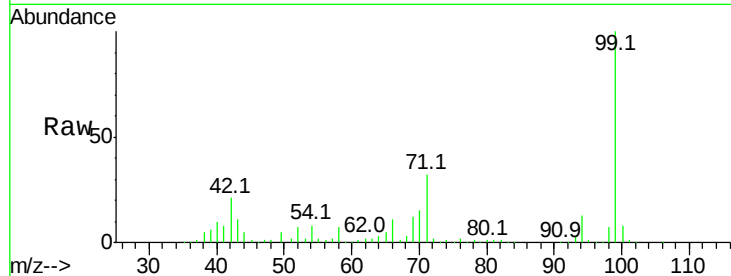
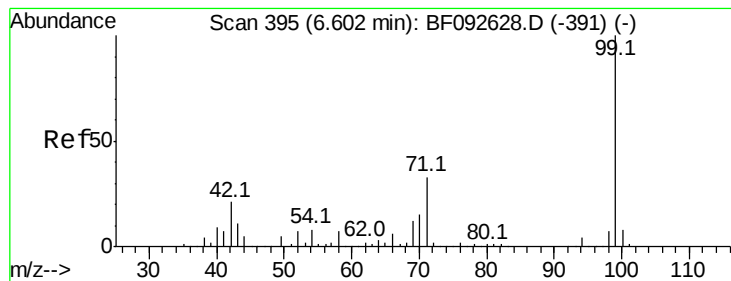
Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:	93	Resp:	813438
Ion Ratio	Lower	Upper	
93	100		
66	43.2	76.2	114.2#
65	22.0	49.3	73.9#





#7

Phenol-d6

Concen: 82.98 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tot Ion: 99 Resp: 1110838

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

71 31.8 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

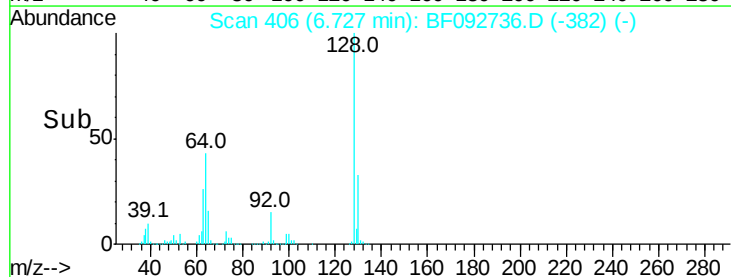
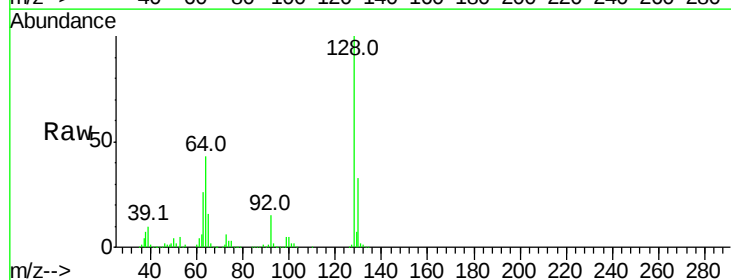
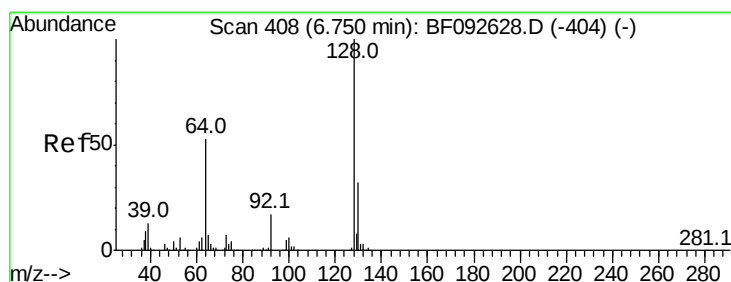
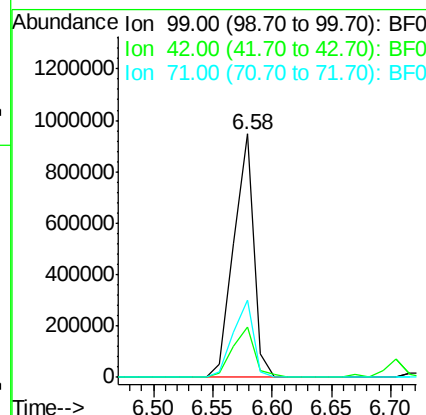
SSTDCCC040

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#8

2-Chlorophenol

Concen: 42.12 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

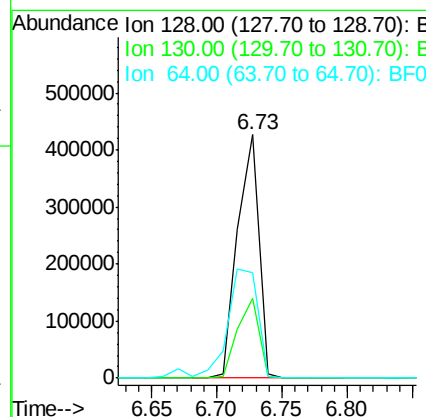
Tgt Ion: 128 Resp: 483485

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

64 43.4 32.2 72.2





#9

Benzaldehyde

Concen: 41.30 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

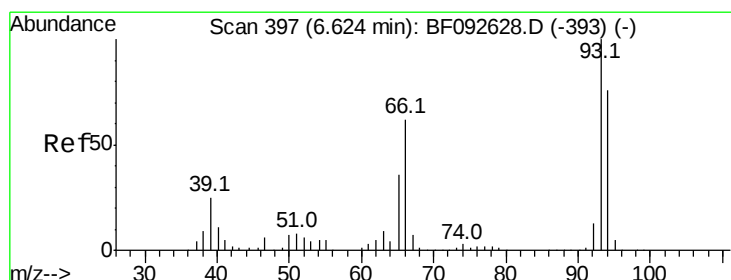
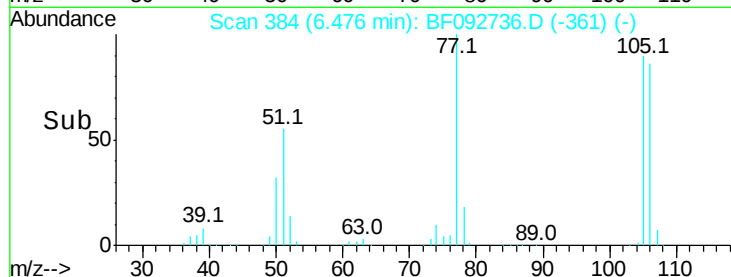
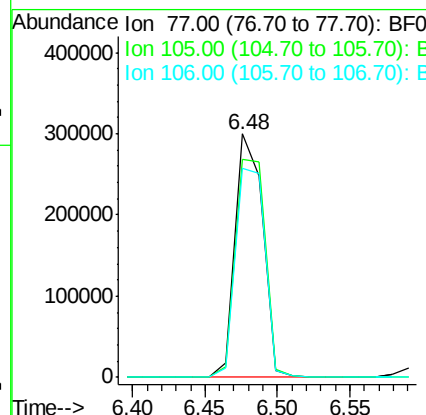
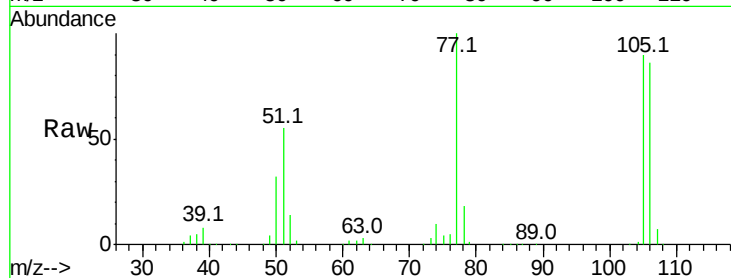
ClientSampleId :

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Tot Ion:	77	Resp:	396147
Ion Ratio	Lower	Upper	
77	100		
105	89.5	83.9	123.9
106	86.1	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 41.47 ng

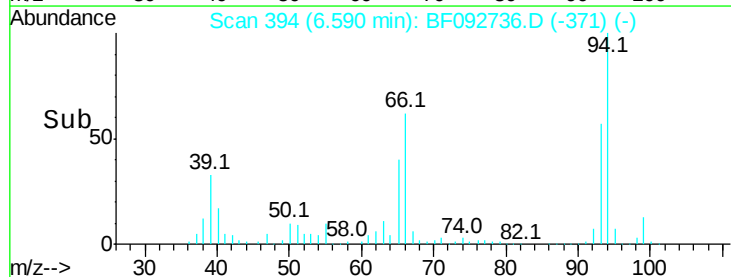
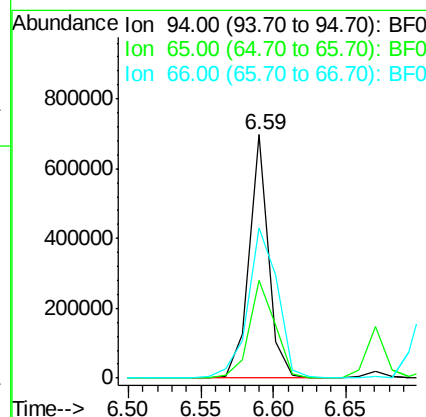
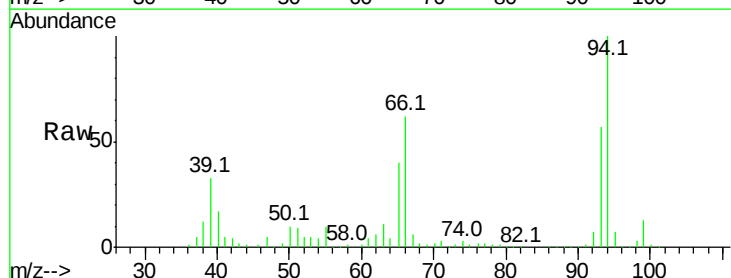
RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:	94	Resp:	649532
Ion Ratio	Lower	Upper	
94	100		
65	40.2	21.4	61.4
66	61.7	44.0	84.0





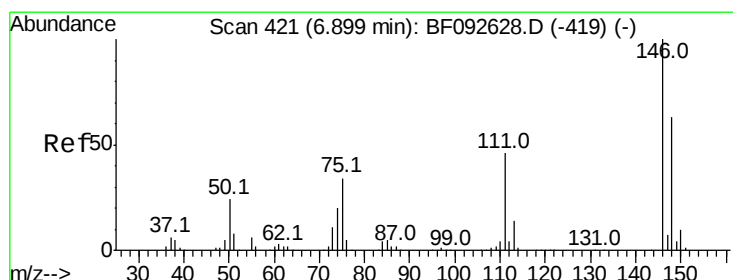
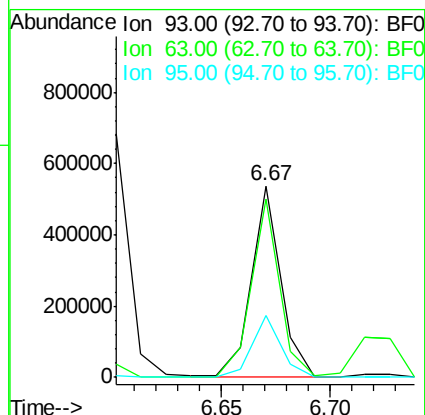
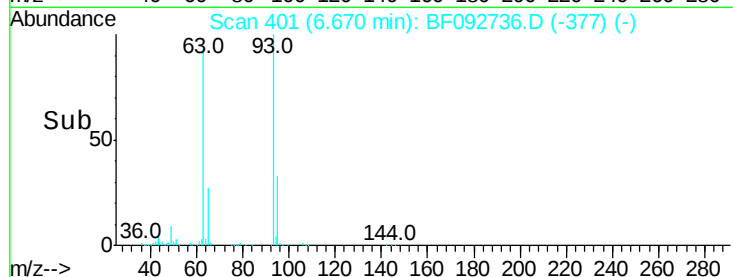
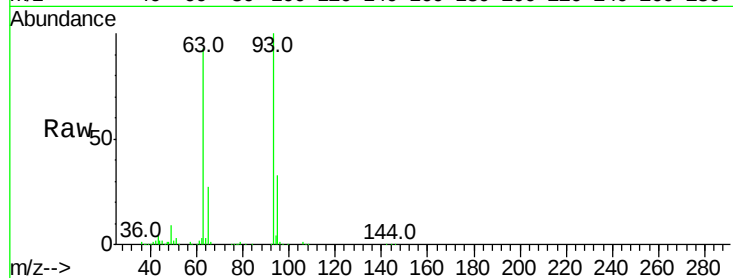
#11
bis(2-Chloroethyl)ether
Concen: 40.18 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	93.0	60.4	100.4
95	32.6	12.8	52.8

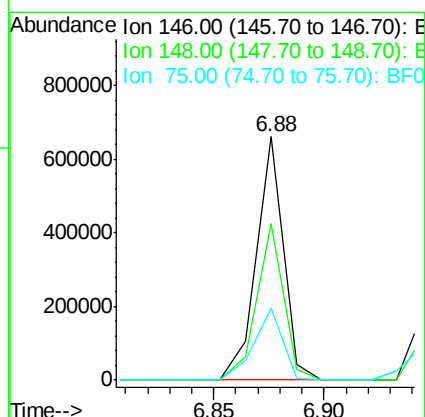
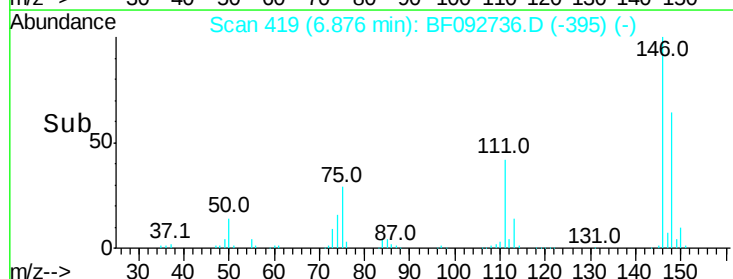
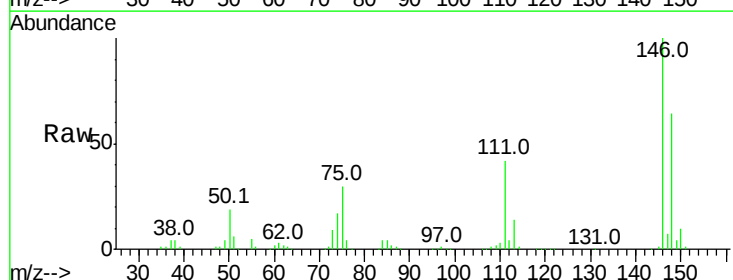
Manual Integrations
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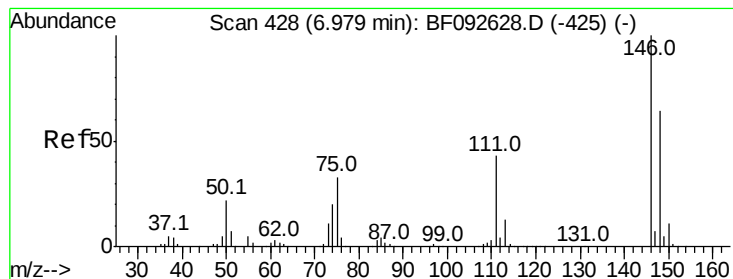
mohammad
2/3/2017 1:22:20 PM



#12
1,3-Dichlorobenzene
Concen: 41.41 ng m
RT: 6.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.4	80.0
75	29.6	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 42.57 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

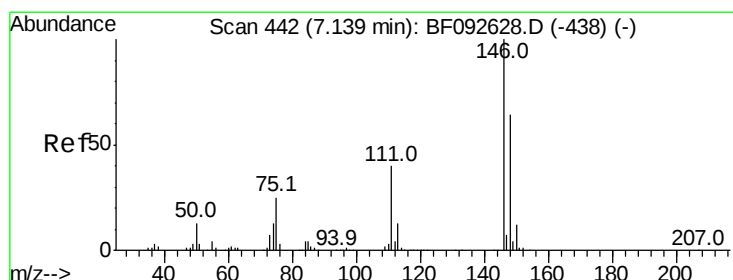
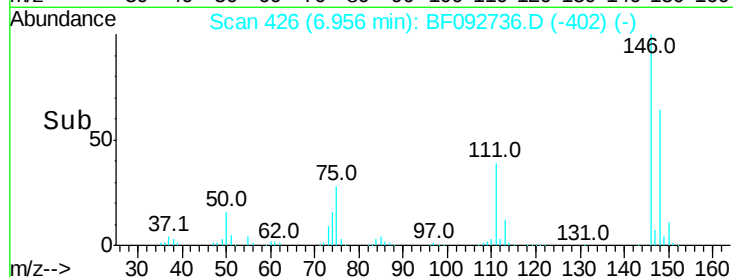
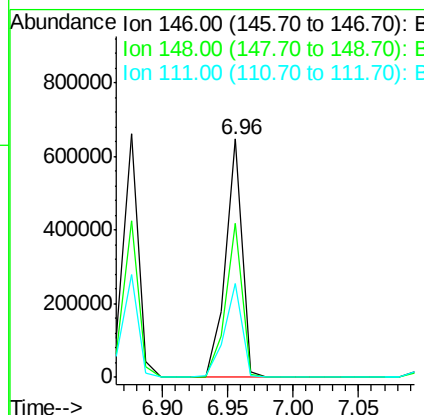
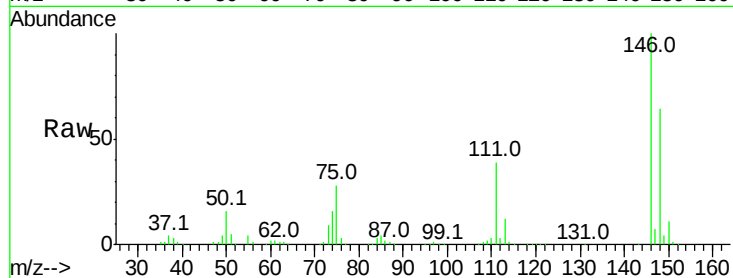
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	579322
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	76.0
111	39.5	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 37.82 ng

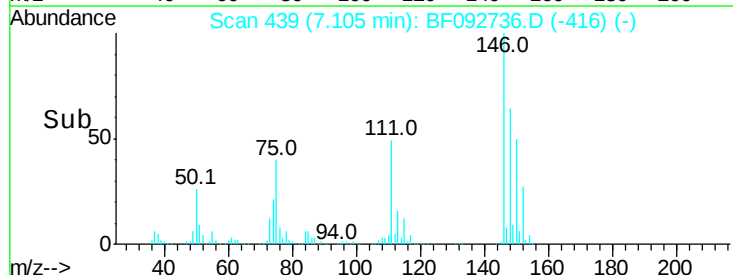
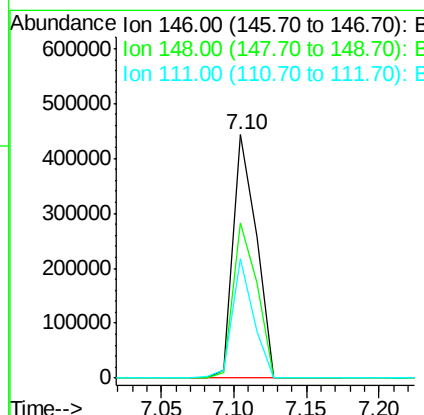
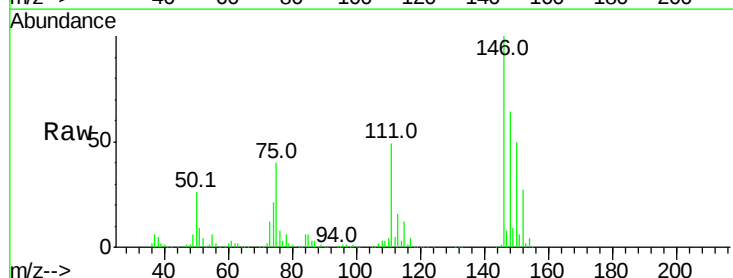
RT: 7.10 min Scan# 439

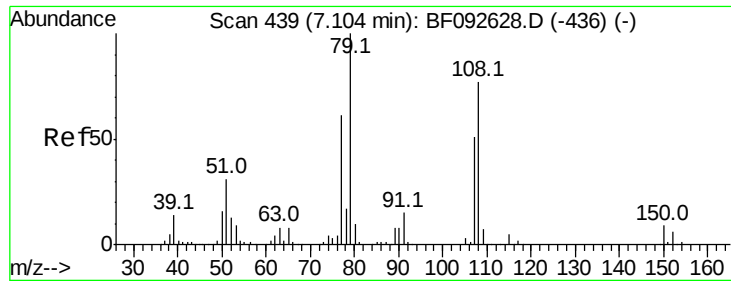
Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:	146	Resp:	492113
Ion Ratio	Lower	Upper	
146	100		
148	63.5	52.2	78.2
111	48.9	36.2	54.2





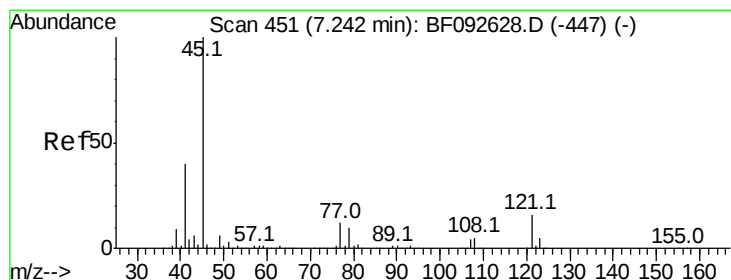
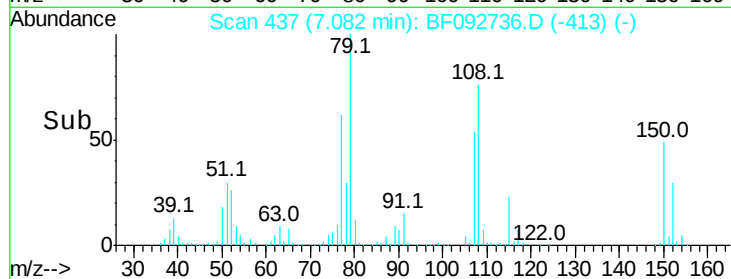
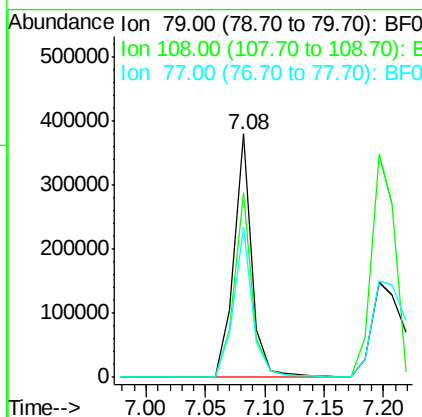
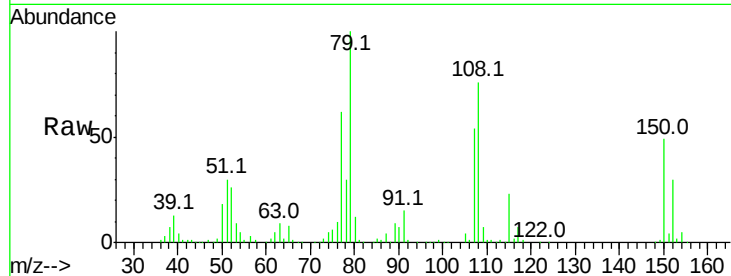
#15
Benzyl Alcohol
Concen: 40.57 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	61.4	92.0
77	61.8	50.9	76.3

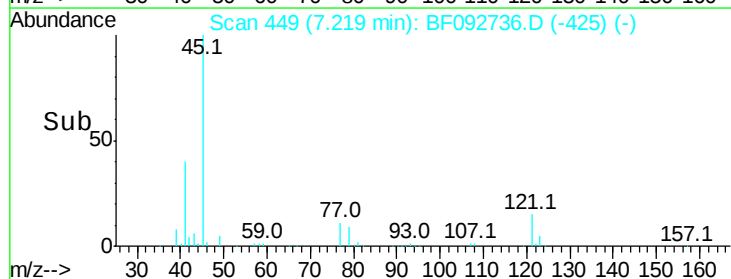
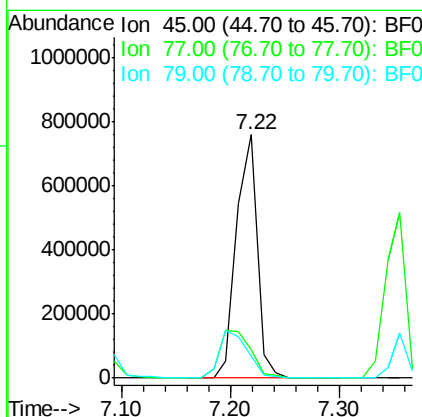
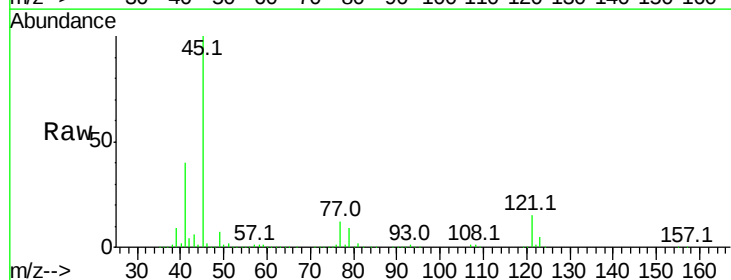
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.71 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.5	0.0	34.6
79	9.2	0.0	31.2





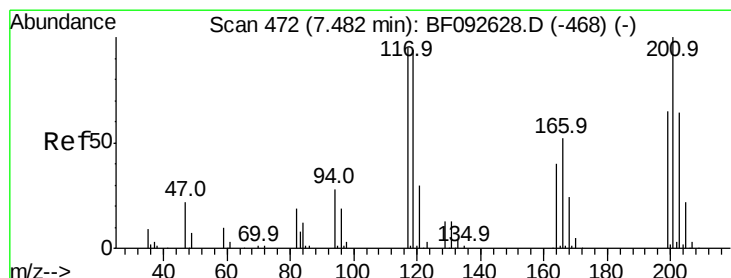
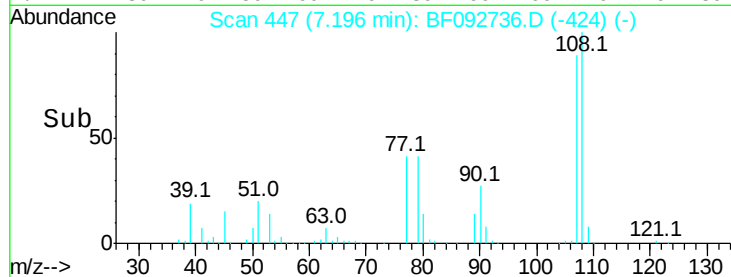
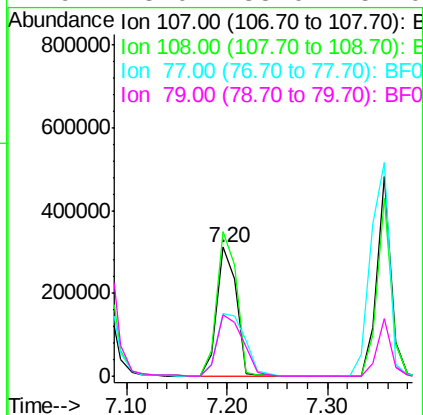
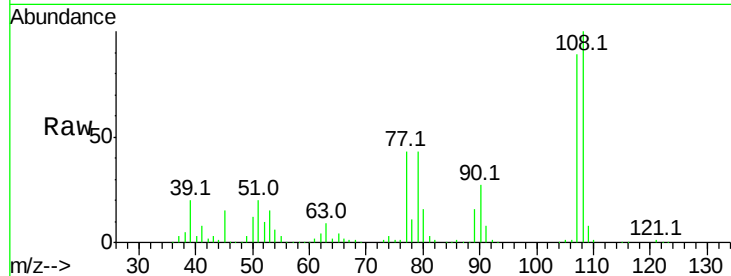
#17
2-Methylphenol
Concen: 42.94 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	107	Resp	422863
Ion Ratio	Lower	Upper	
107	100		
108	112.2	93.0	139.6
77	48.5	39.8	59.8
79	48.0	38.0	57.0

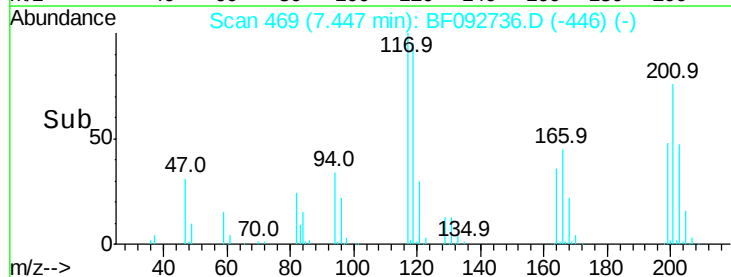
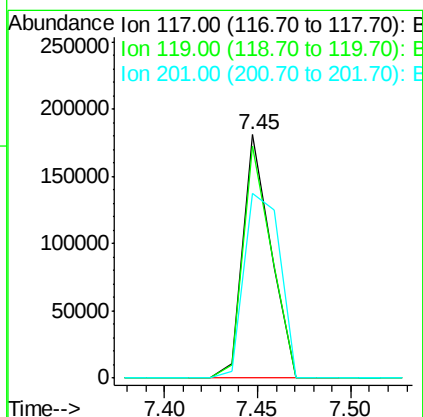
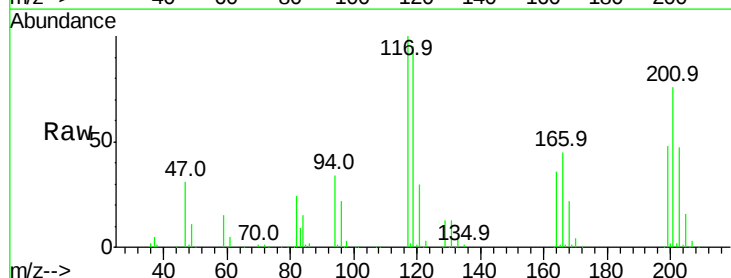
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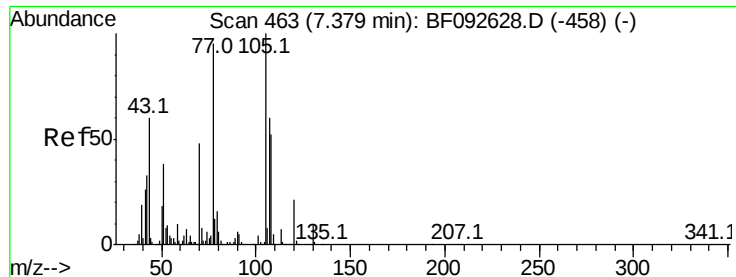
mohammad
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#18
Hexachloroethane
Concen: 40.47 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	117	Resp	187988
Ion Ratio	Lower	Upper	
117	100		
119	95.1	78.1	117.1
201	75.8	78.6	117.8#





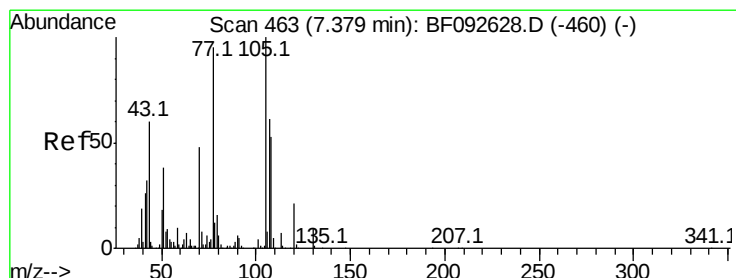
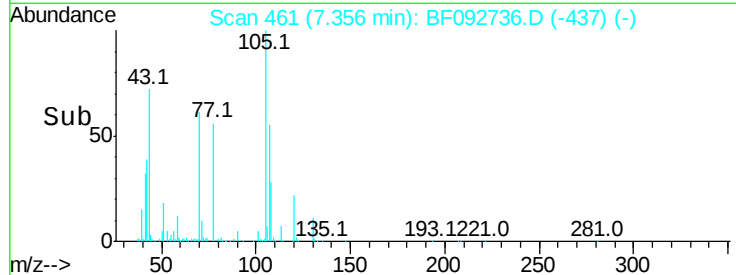
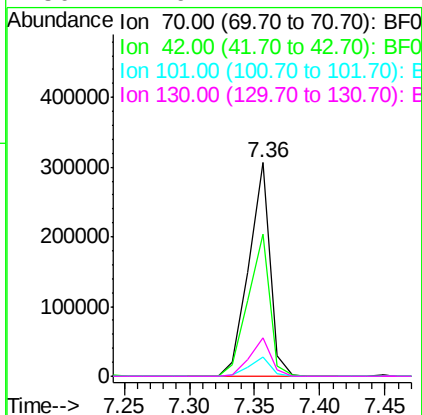
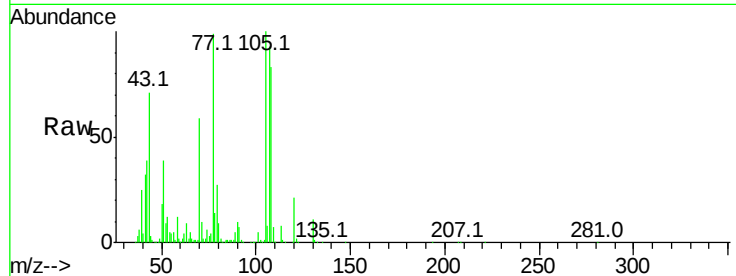
#19
n-Nitroso-di-n-propylamine
Concen: 40.88 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	70	Resp	348420
Ion Ratio	Lower	Upper	
70	100		
42	66.8	49.4	74.0
101	9.0	7.4	11.2
130	17.9	14.2	21.4

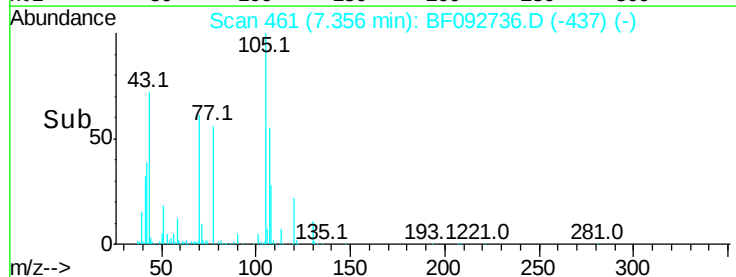
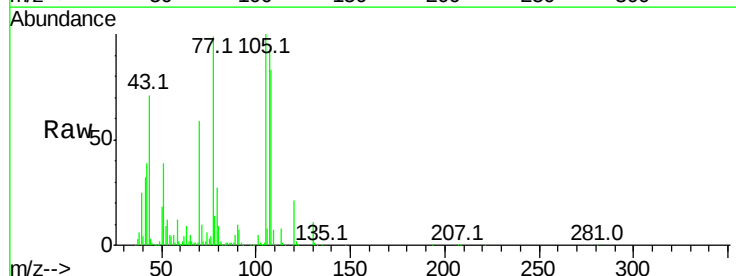
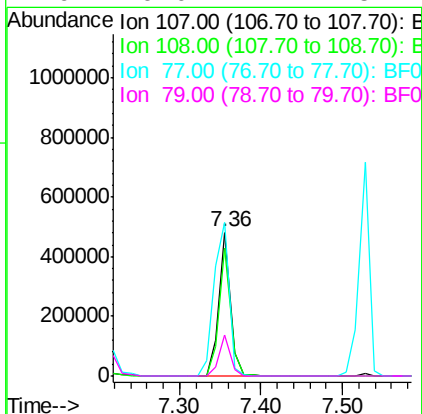
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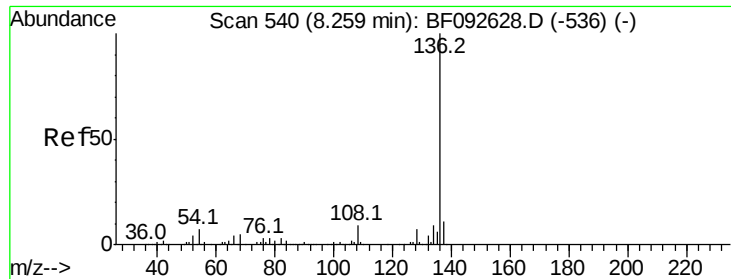
mohammad
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#20
3+4-Methylphenols
Concen: 40.45 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	107	Resp	476214
Ion Ratio	Lower	Upper	
107	100		
108	89.6	73.0	113.0
77	107.2	71.3	111.3
79	29.0	11.1	51.1





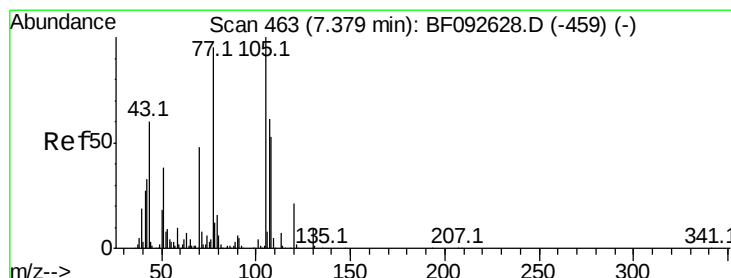
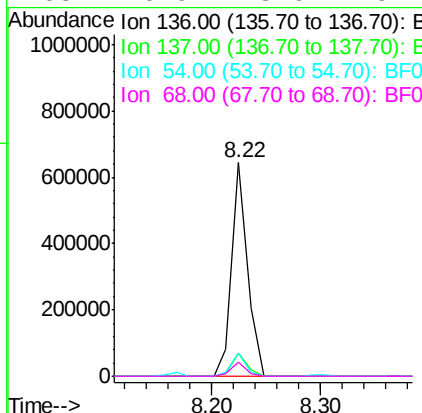
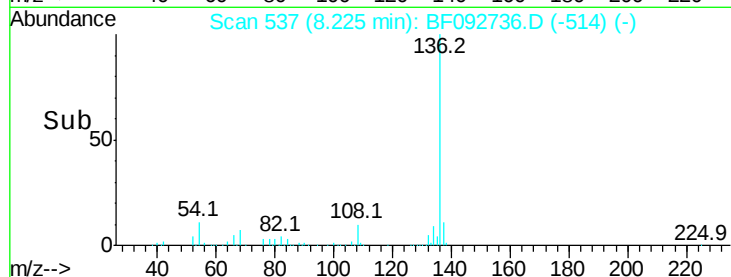
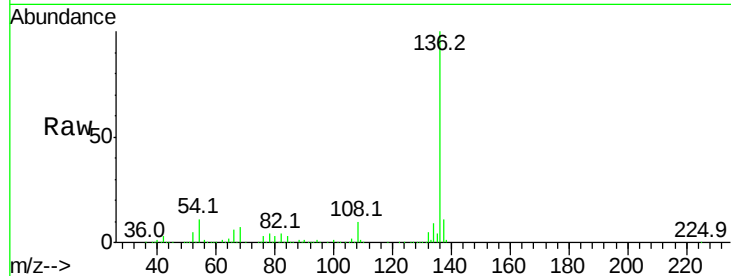
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.4	12.6	
54	10.8	4.5	6.7#	
68	6.9	3.6	5.4#	

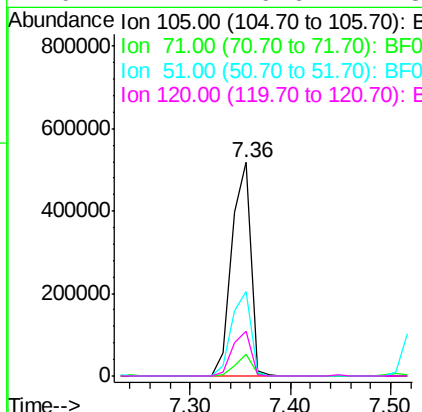
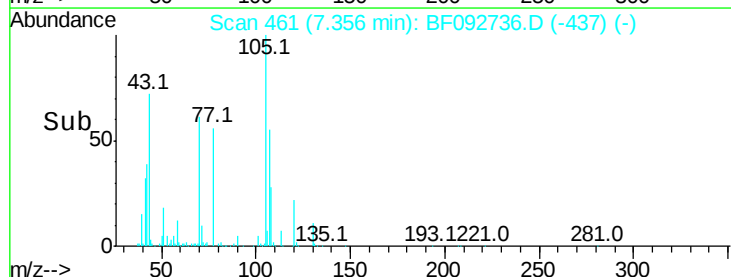
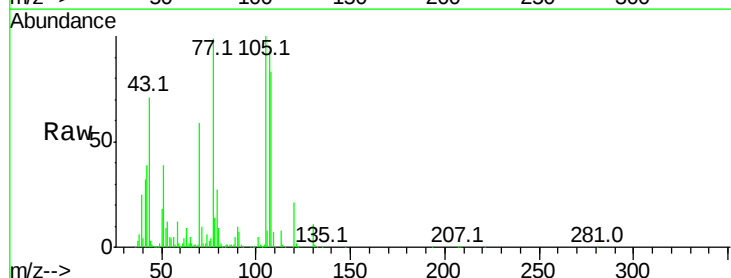
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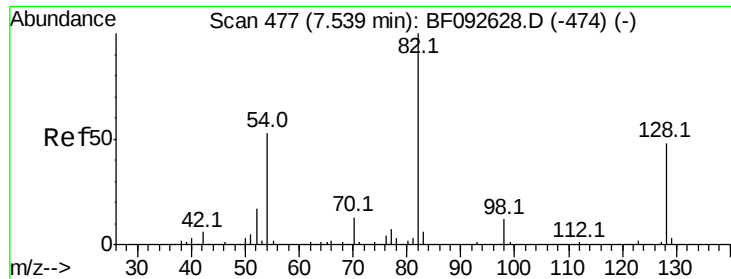
mohammad
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#22
Acetophenone
Concen: 46.46 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.2	3.2	4.8#	
51	39.3	26.2	39.4	
120	21.2	16.6	24.8	





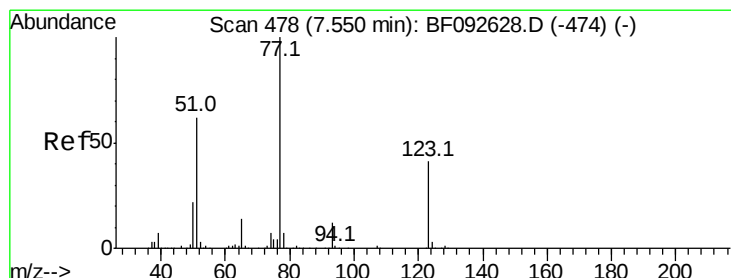
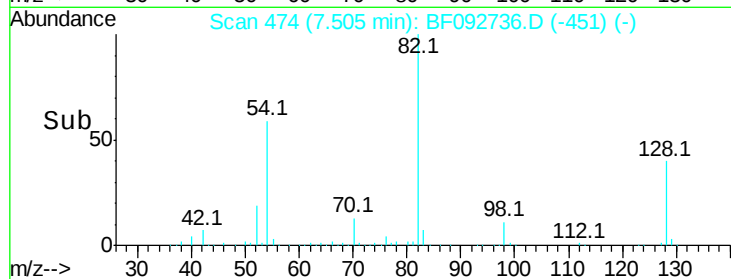
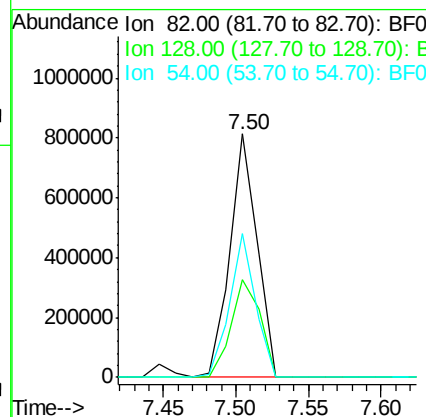
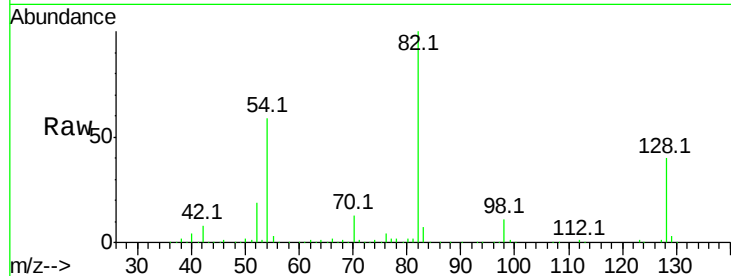
#23
 Nitrobenzene-d5
 Concen: 92.04 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.6	52.0
54	59.1	39.5	59.3

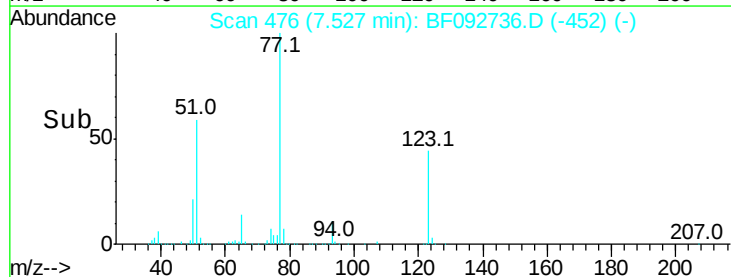
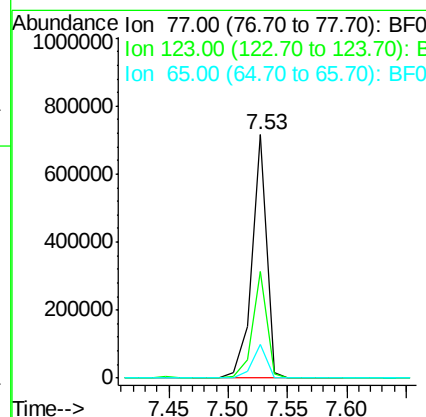
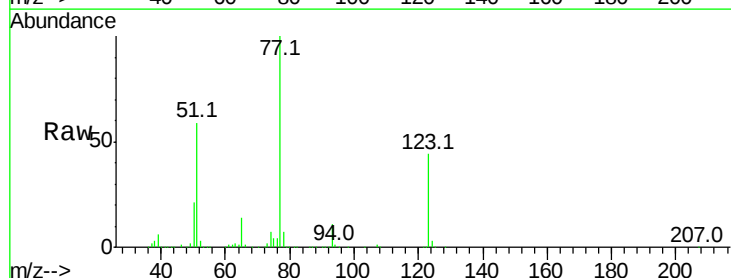
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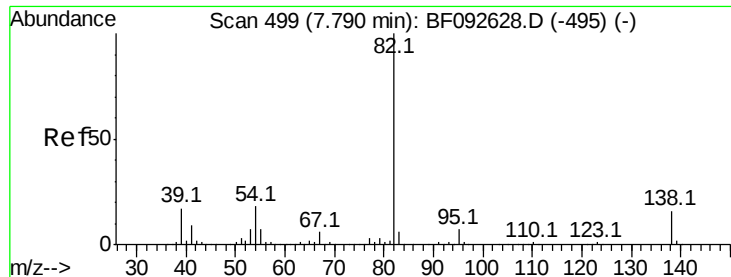
mohammad
 2/3/2017 1:22:20 PM



#24
 Nitrobenzene
 Concen: 52.39 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.0	49.4
65	14.1	11.2	16.8





#25

Isophorone

Concen: 49.46 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1057138

Ion Ratio Lower Upper

82 100

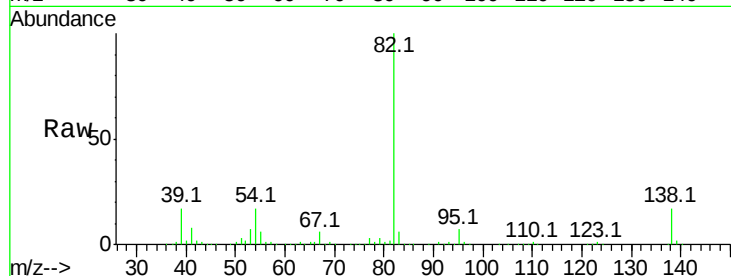
95 6.7 5.6 8.4

138 16.5 14.6 22.0

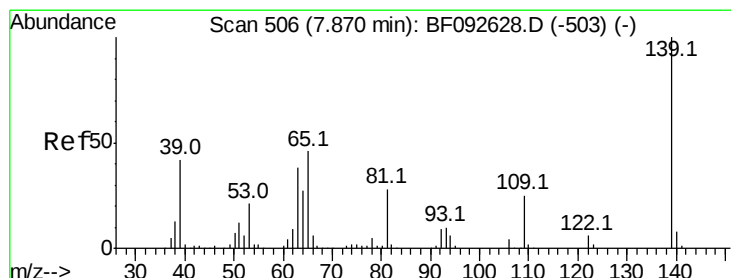
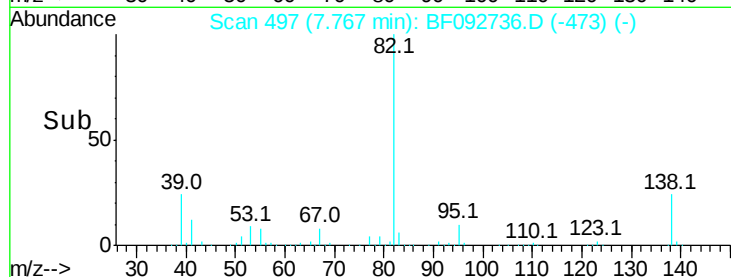
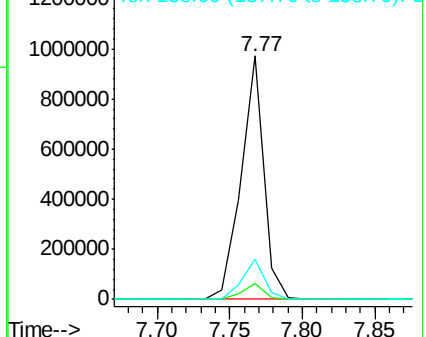
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 42.51 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

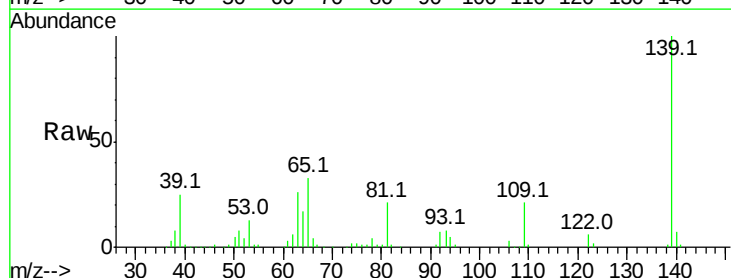
Tgt Ion: 139 Resp: 237990

Ion Ratio Lower Upper

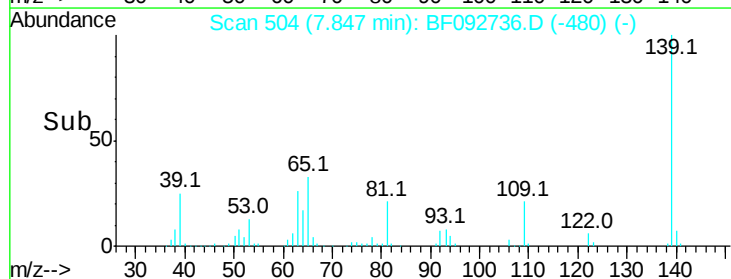
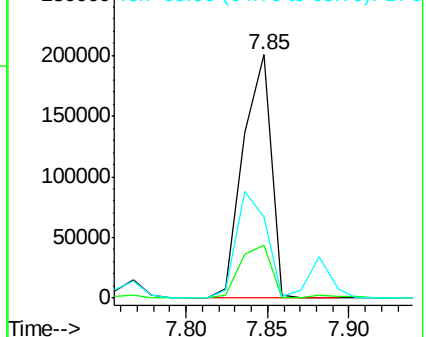
139 100

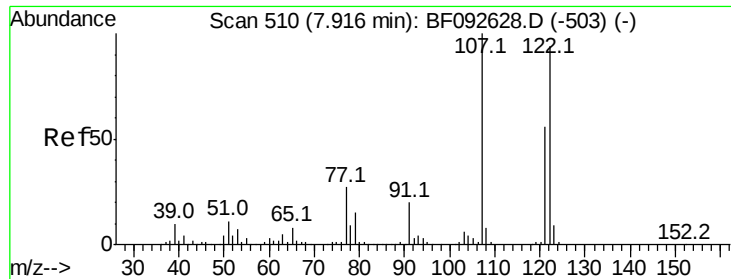
109 21.5 23.3 34.9#

65 33.2 42.7 64.1#



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





#27

2,4-Dimethylphenol

Concen: 37.60 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

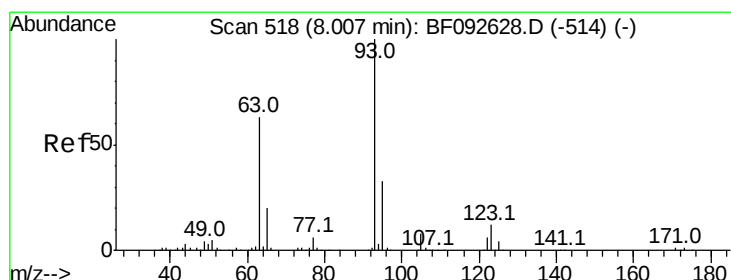
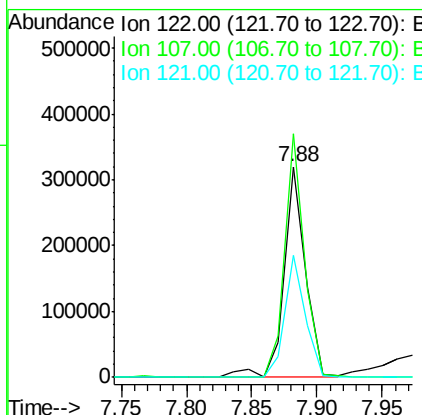
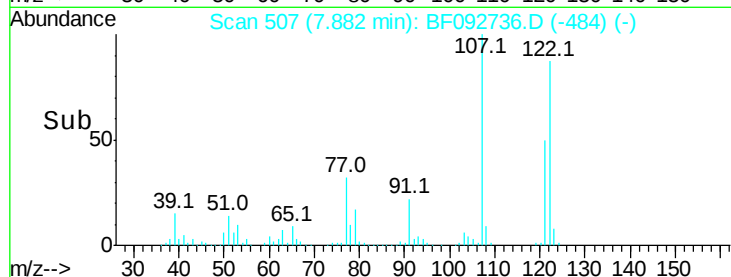
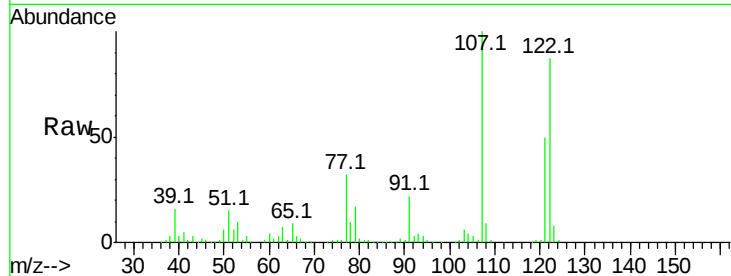
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	369710
Ion Ratio	Lower	Upper	
122	100		
107	115.5	94.1	141.1
121	58.0	46.0	69.0

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 37.56 ng

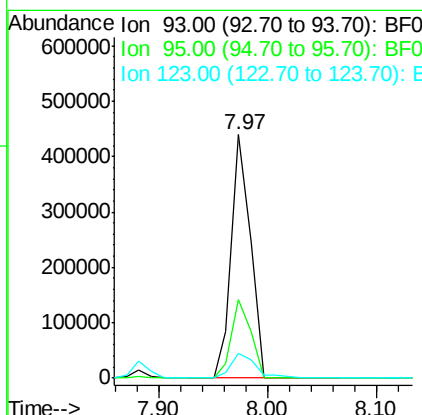
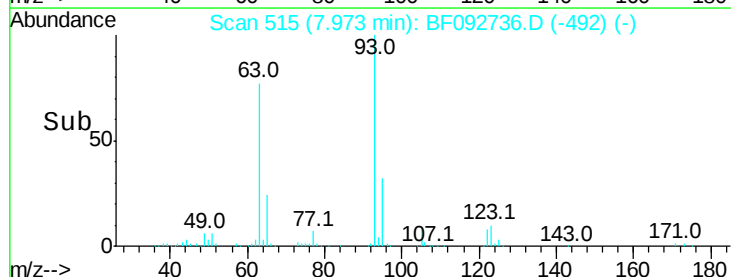
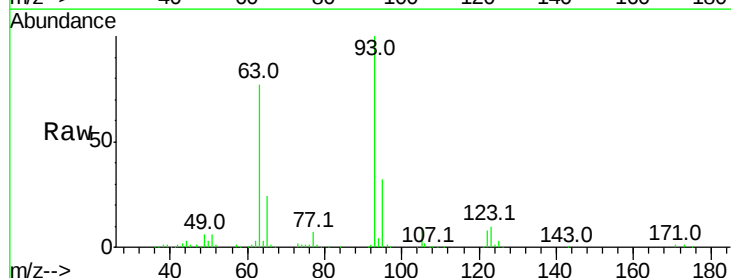
RT: 7.97 min Scan# 515

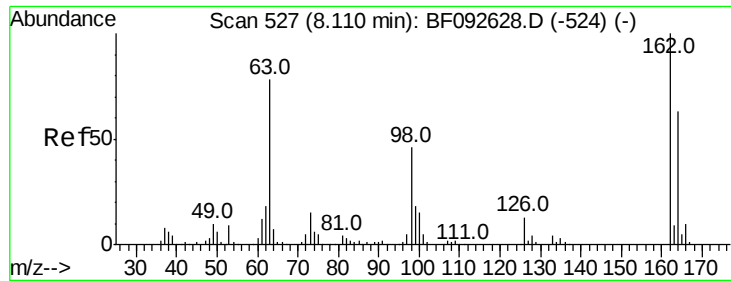
Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:	93	Resp:	531672
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	10.2	8.6	13.0





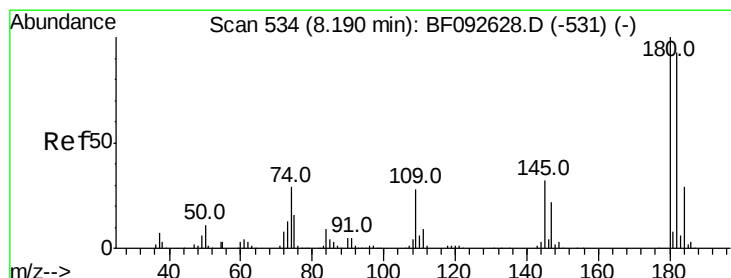
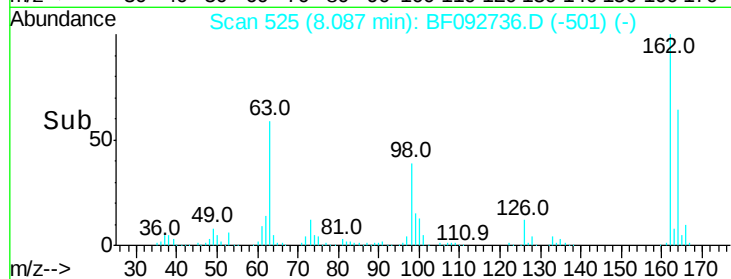
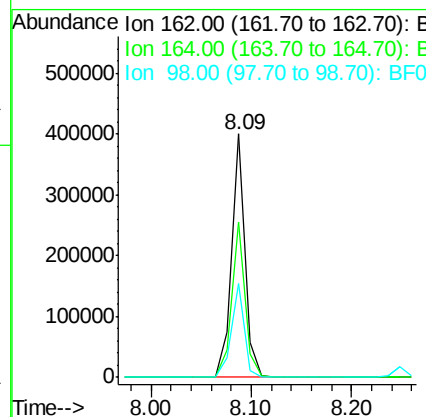
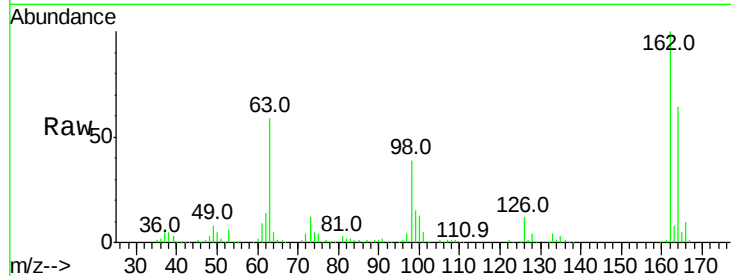
#29
 2,4-Dichlorophenol
 Concen: 40.42 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	370632		
164	63.6	46.8	86.8	
98	38.6	9.1	49.1	

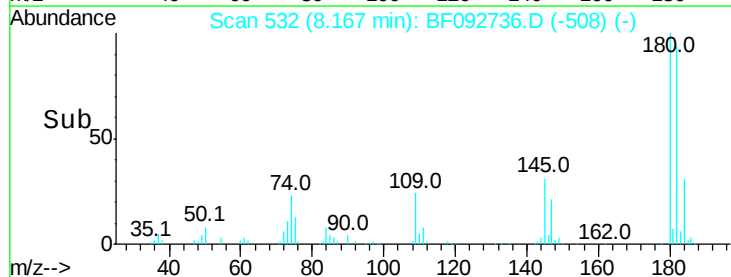
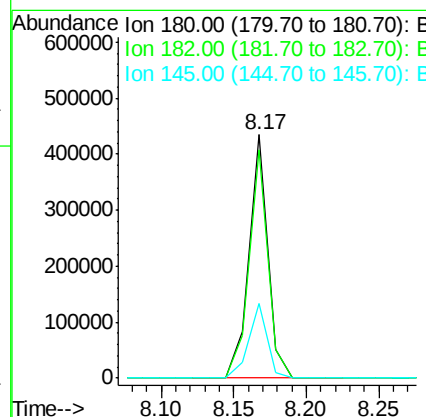
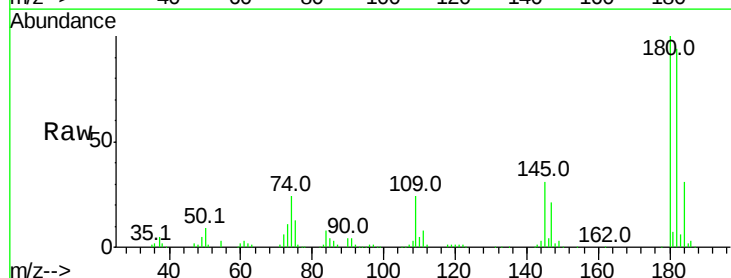
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.59 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	391226		
182	93.9	78.2	117.4	
145	30.9	21.6	32.4	





#31

Naphthalene

Concen: 37.03 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1198979

Ion Ratio Lower Upper

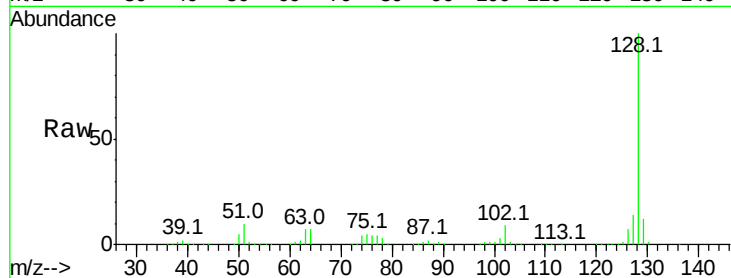
128 100

129 11.6 9.5 14.3

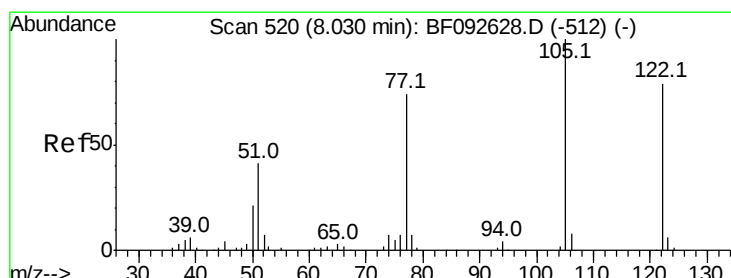
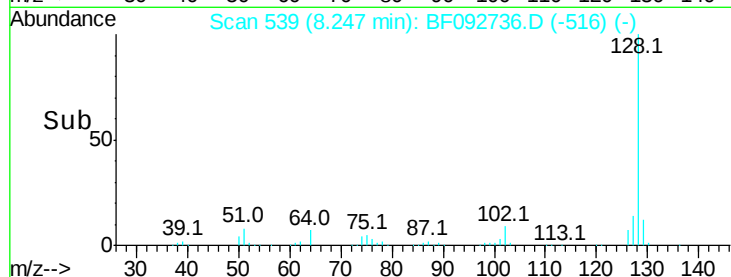
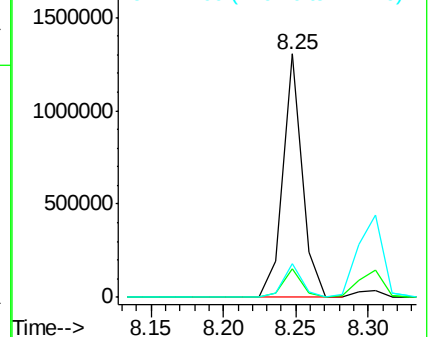
127 13.7 10.8 16.2

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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: 41.48 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

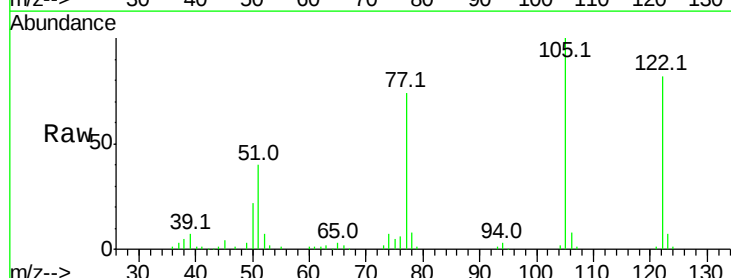
Tgt Ion:122 Resp: 224687

Ion Ratio Lower Upper

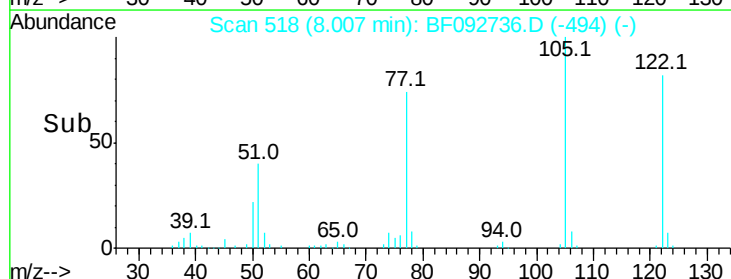
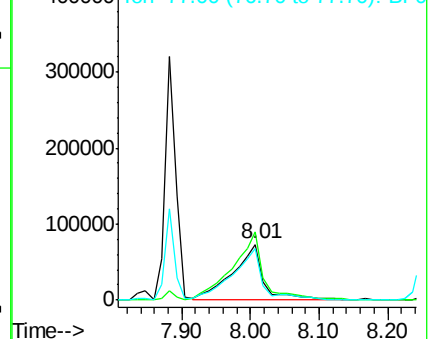
122 100

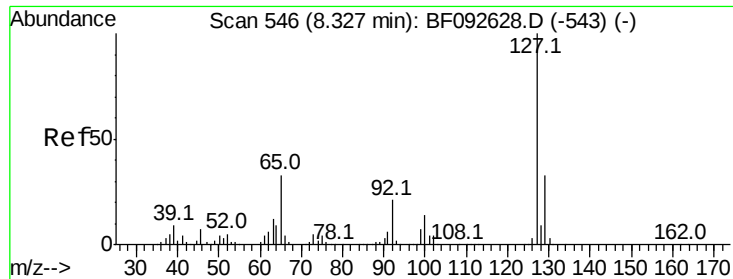
105 122.6 107.2 147.2

77 91.3 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





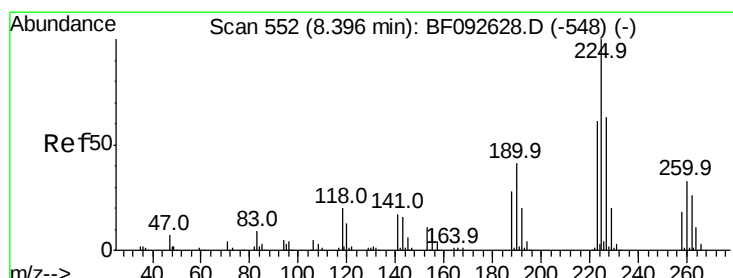
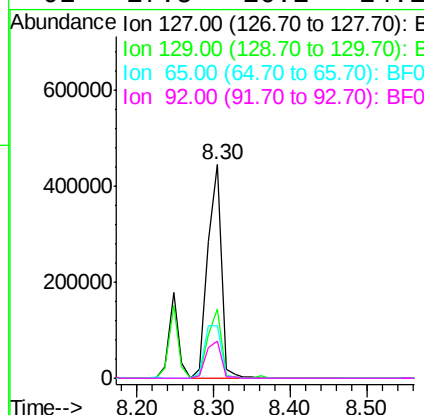
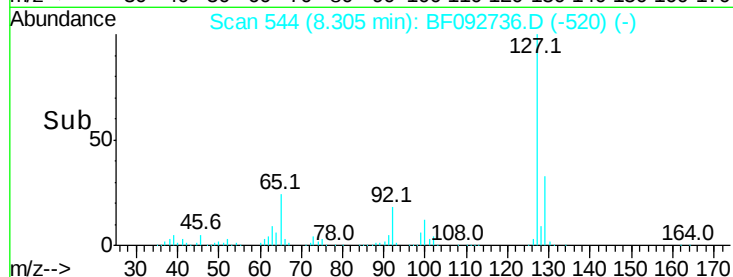
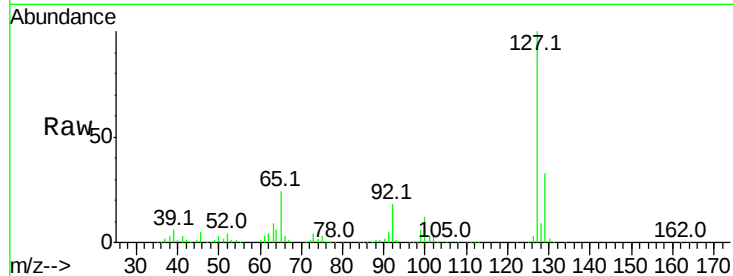
#33
4-Chloroaniline
Concen: 42.57 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.3	39.5	
65	24.5	25.8	38.8	
92	17.5	16.1	24.1	

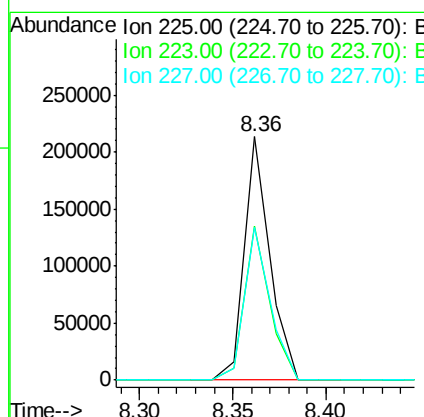
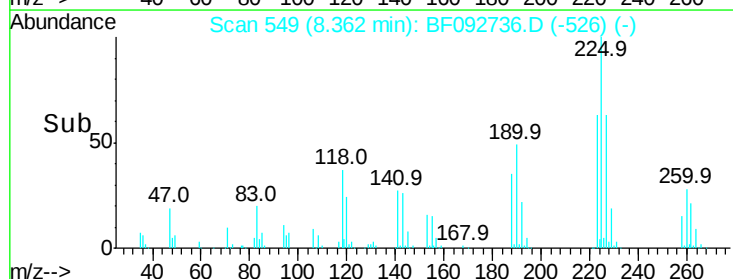
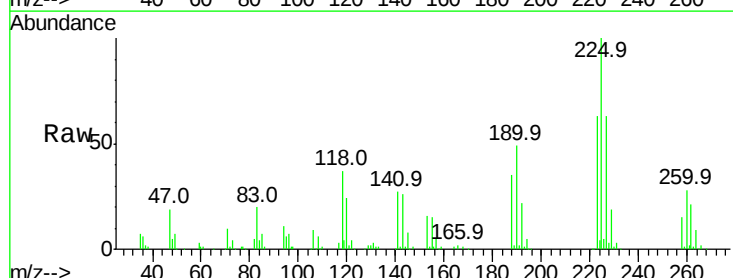
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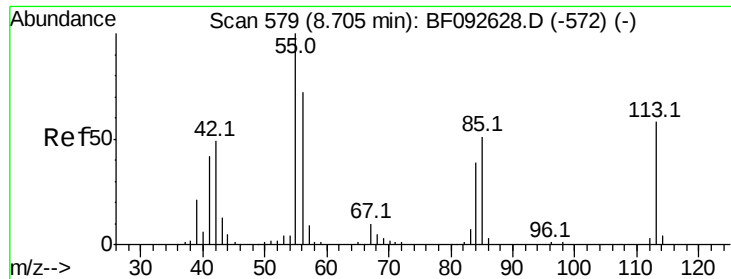
mohammad
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#34
Hexachlorobutadiene
Concen: 37.29 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	51.0	76.6	
227	62.6	50.6	76.0	





#35

Caprolactam

Concen: 45.60 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

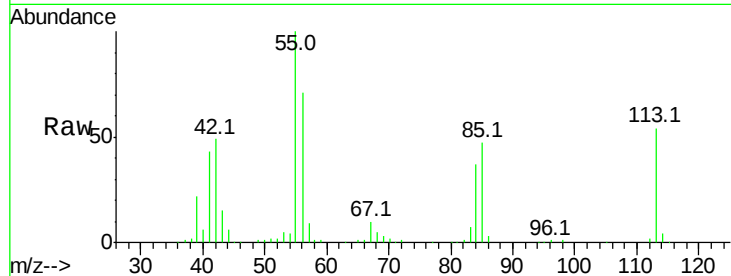
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	186.7	119.2	159.2#
56	132.1	83.8	123.8#

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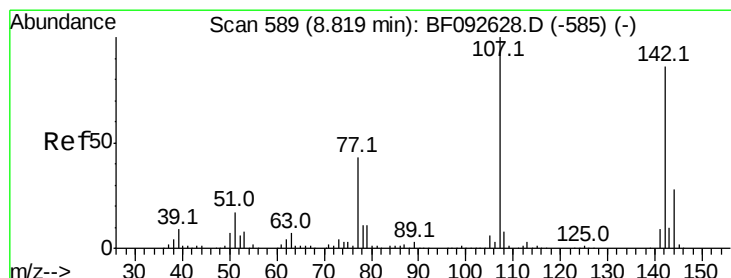
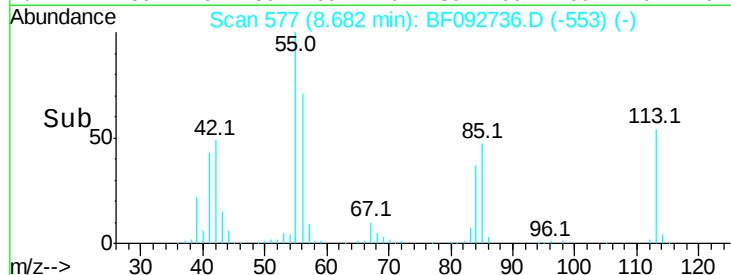
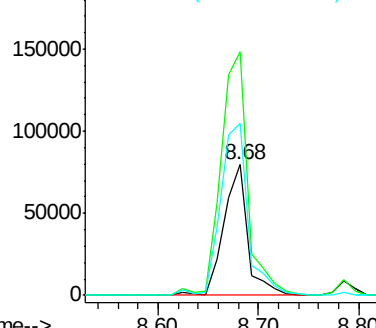
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.01 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.03 min

Lab File: BF092736.D

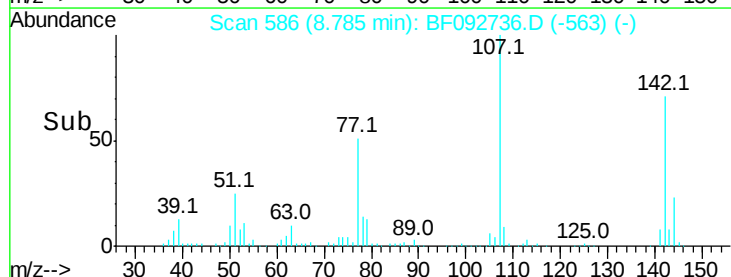
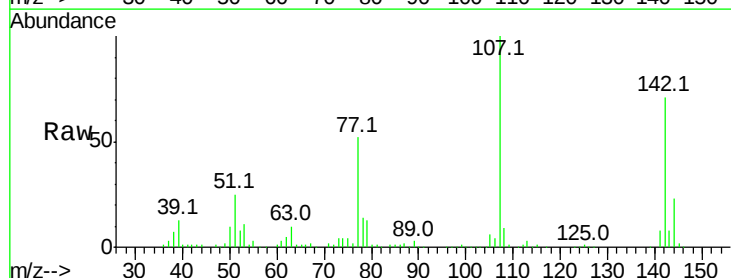
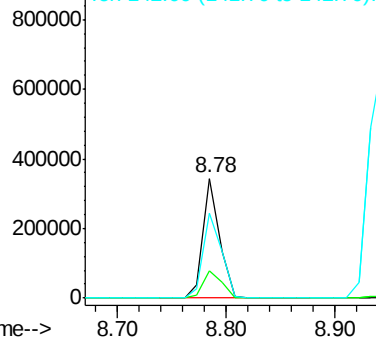
Acq: 2 Feb 2017 15:27

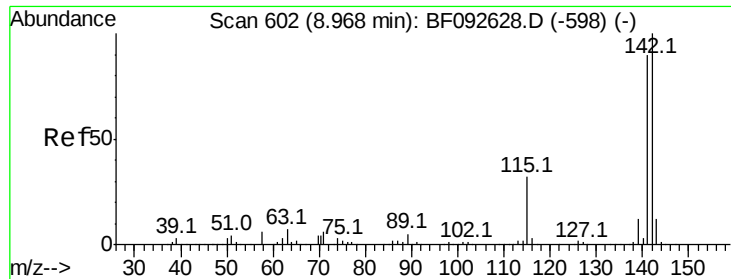
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.7	19.3	28.9
142	70.9	59.0	88.6

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





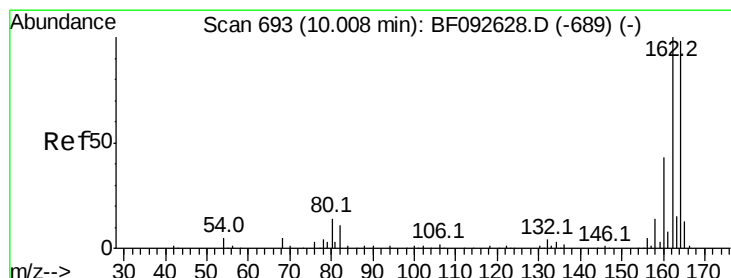
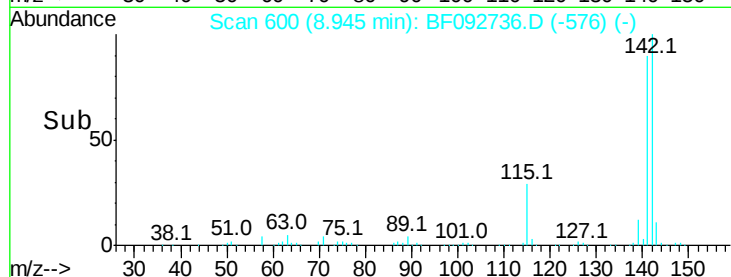
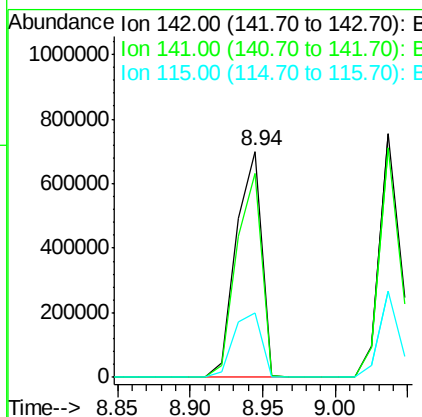
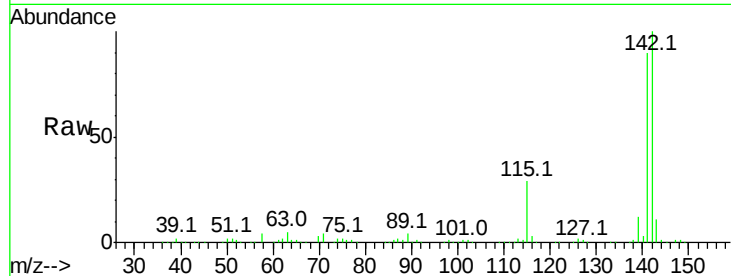
#37
2-Methylnaphthalene
Concen: 41.05 ng
RT: 8.94 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.0	106.6
115	28.7	28.3	42.5

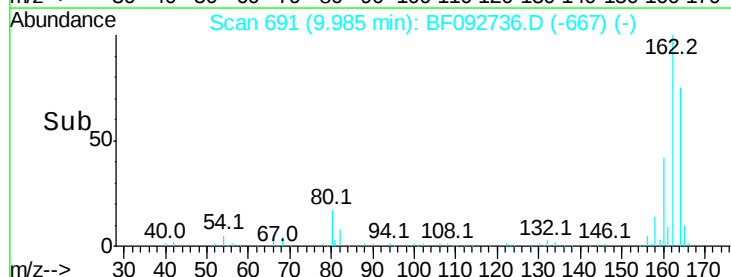
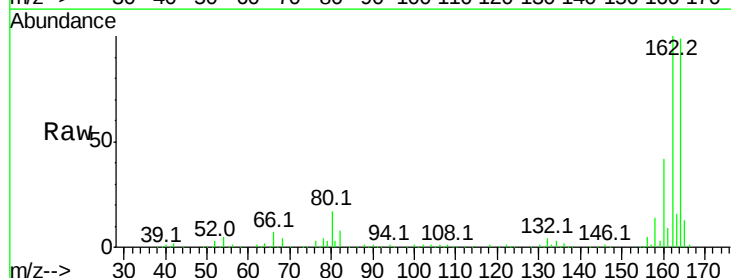
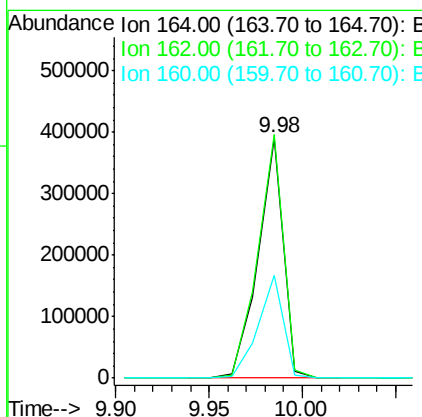
Manual Integrations
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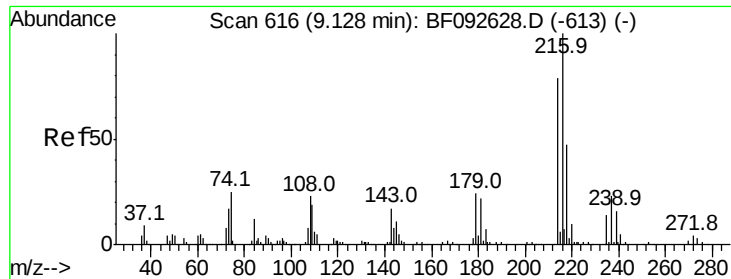
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	43.0	36.9	55.3





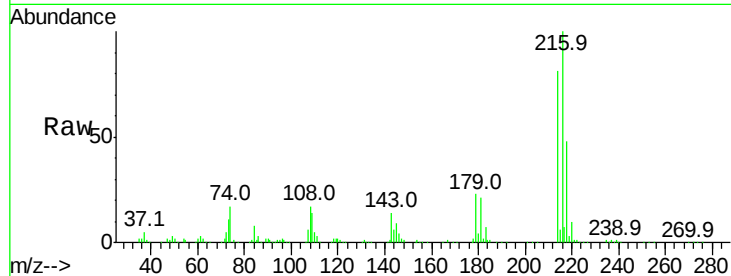
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.11 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

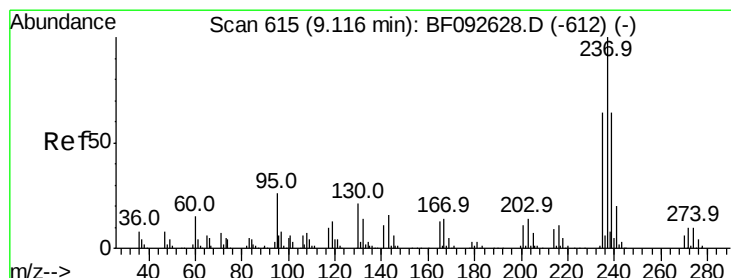
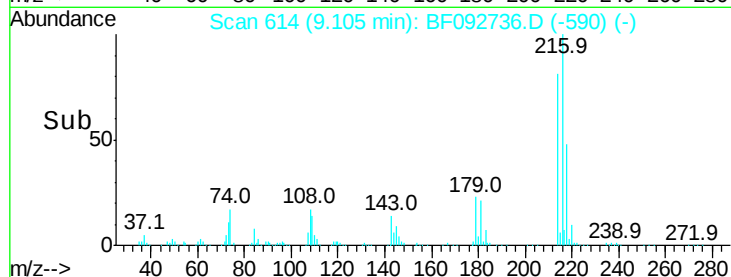
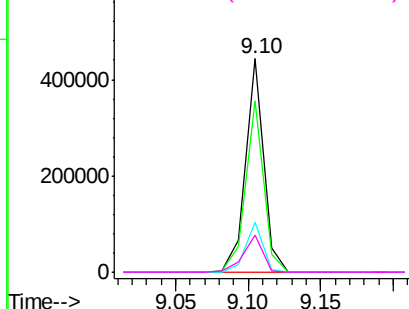
Tot Ion:	216	Resp:	386470
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.4	95.0
179	22.7	17.4	26.2
108	18.7	15.6	23.4

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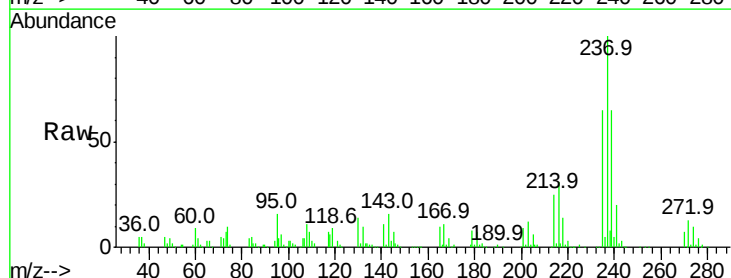


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

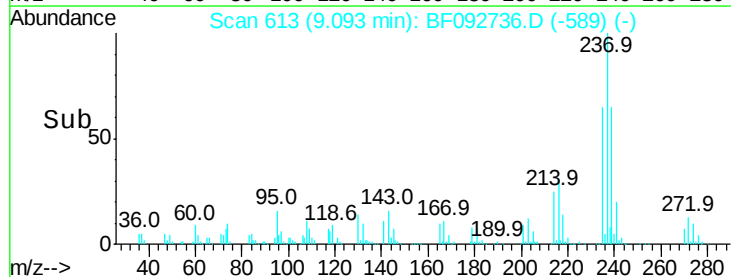
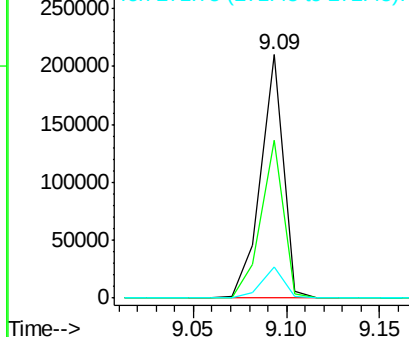


#40
 Hexachlorocyclopentadiene
 Concen: 38.35 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion:	237	Resp:	180166
Ion Ratio	Lower	Upper	
237	100		
235	65.1	41.2	81.2
272	12.8	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





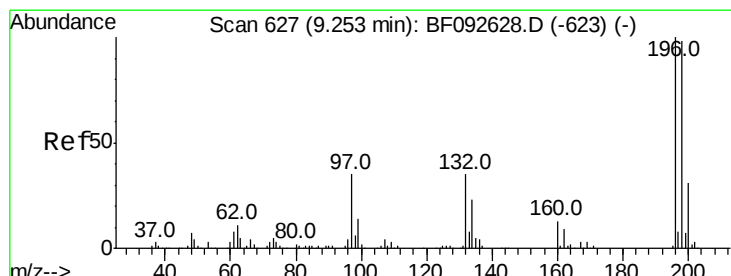
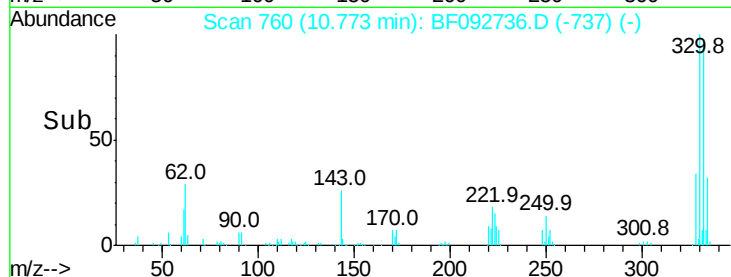
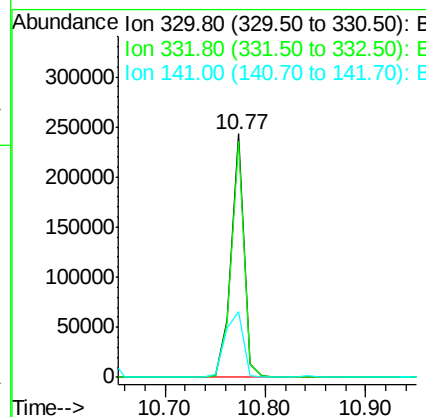
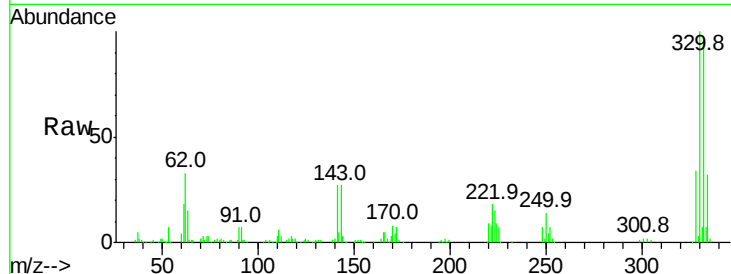
#41
 2,4,6-Tribromophenol
 Concen: 81.45 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	218524		
332	96.5	77.4	116.2	
141	37.5	34.1	51.1	

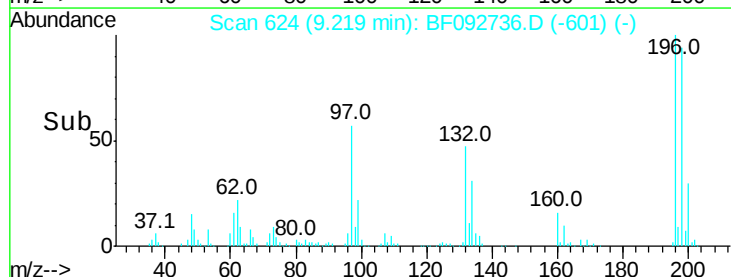
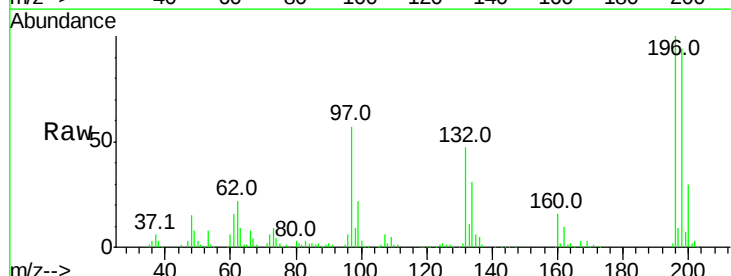
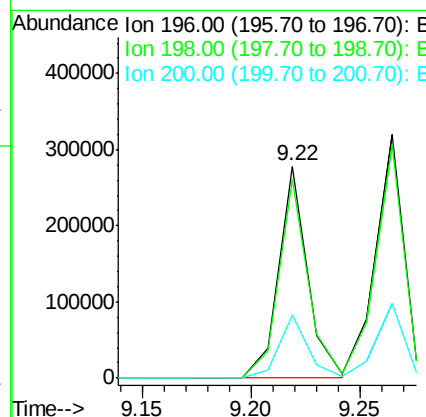
Manual Integrations
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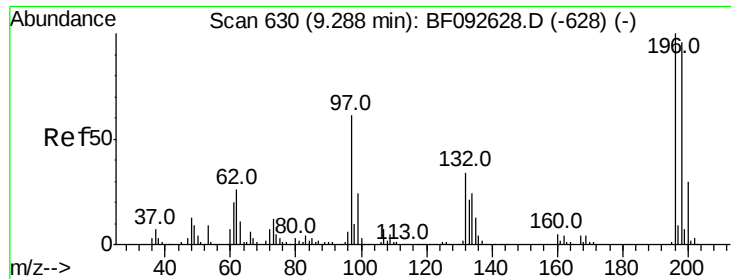
mohammad
 2/3/2017 1:22:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.04 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260285		
198	93.8	82.1	123.1	
200	29.9	27.0	40.4	





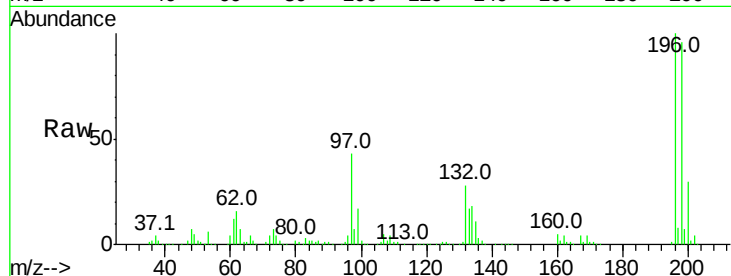
#43
 2,4,5-Trichlorophenol
 Concen: 39.15 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

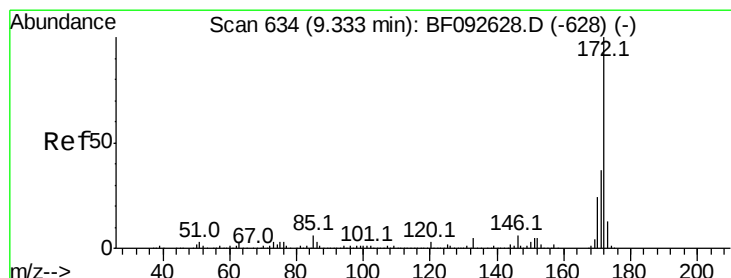
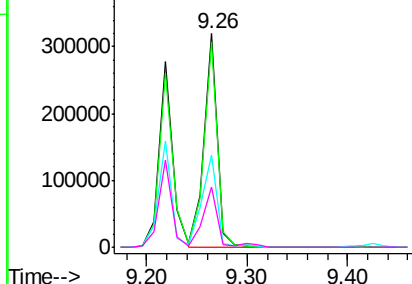
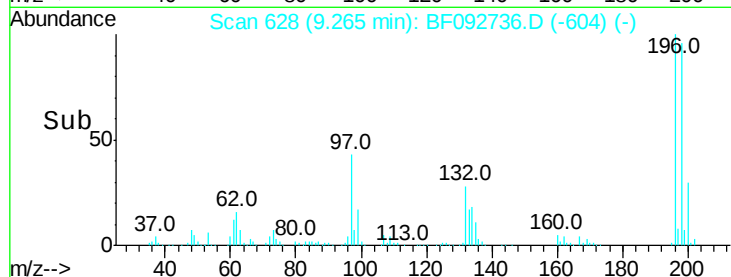
Tot Ion	Ratio	Resp	Lower	Upper
196	100	293479		
198	95.6	79.4	119.2	
97	43.3	51.5	77.3#	
132	28.3	27.4	41.2	

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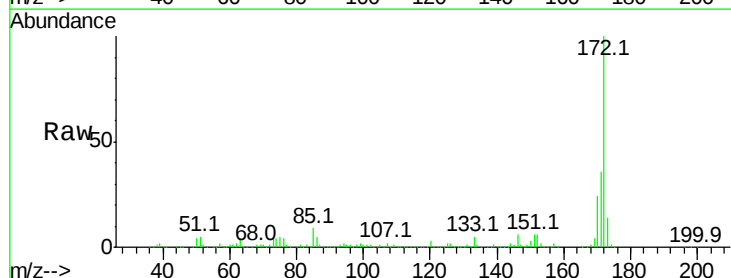


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

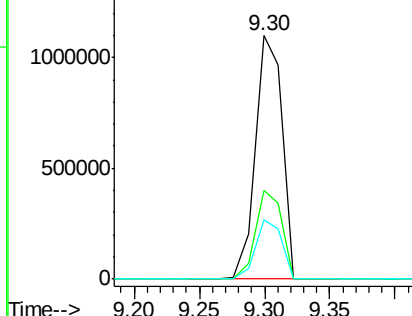
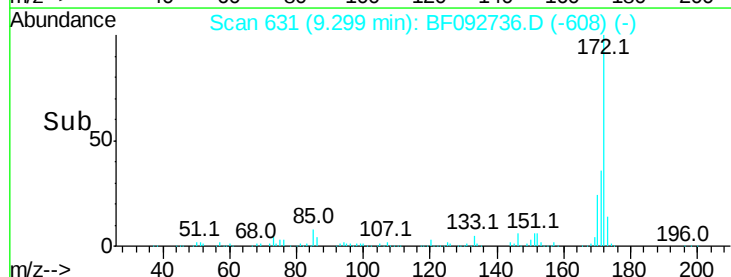


#44
 2-Fluorobiphenyl
 Concen: 76.30 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1562291		
171	36.2	29.4	44.0	
170	24.5	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: 35.37 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

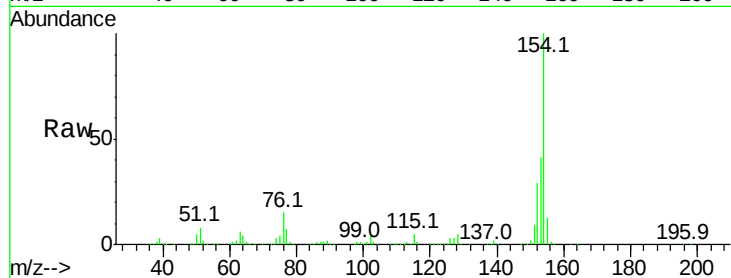
ClientSampleId :

SSTDCCC040

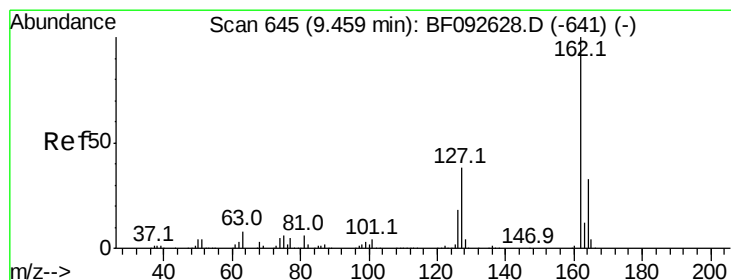
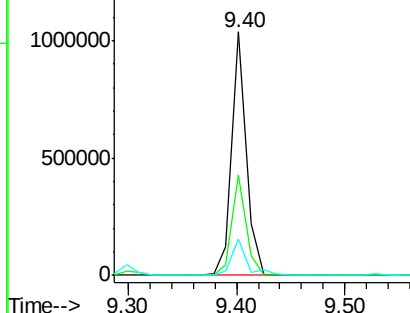
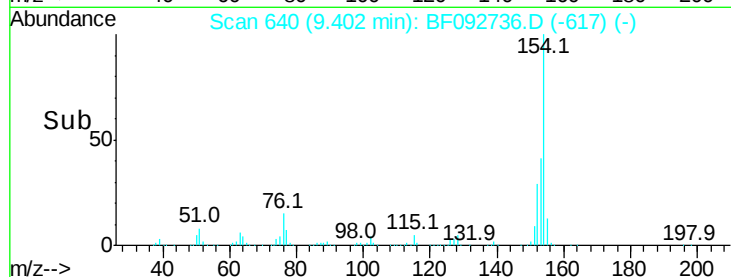
Tot Ion:	154	Resp:	949993
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.9	60.9
76	15.1	0.0	30.5

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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: 37.86 ng

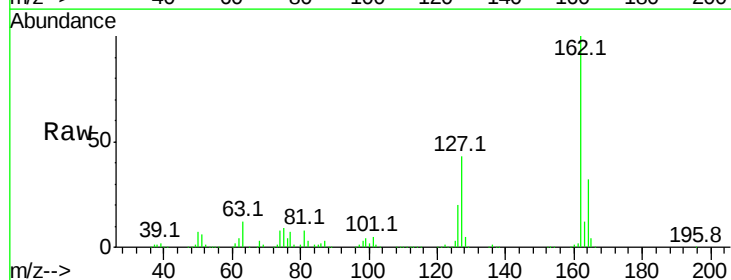
RT: 9.42 min Scan# 642

Delta R.T. -0.03 min

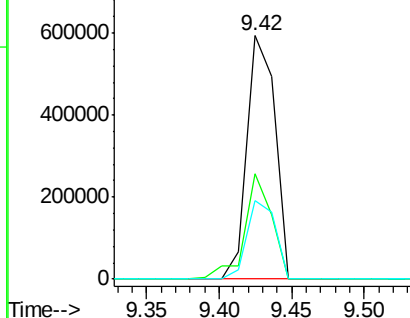
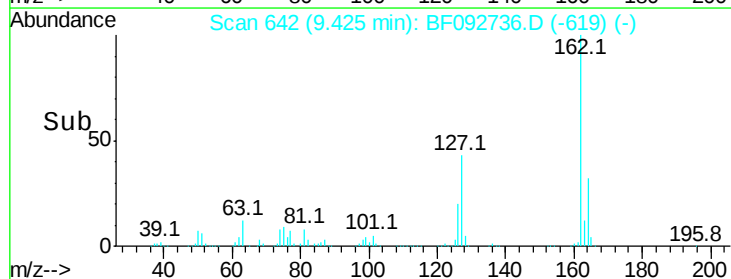
Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:	162	Resp:	795456
Ion Ratio	Lower	Upper	
162	100		
127	43.1	30.7	46.1
164	32.1	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





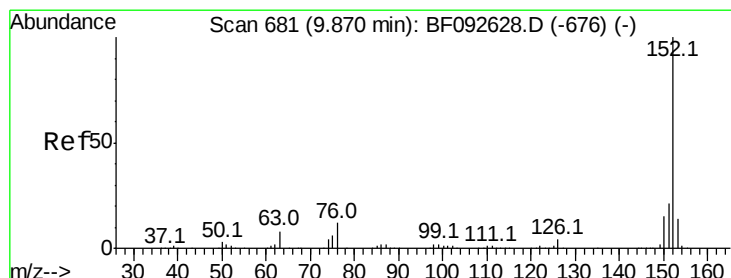
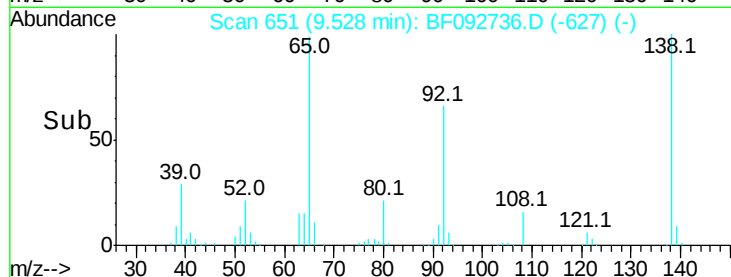
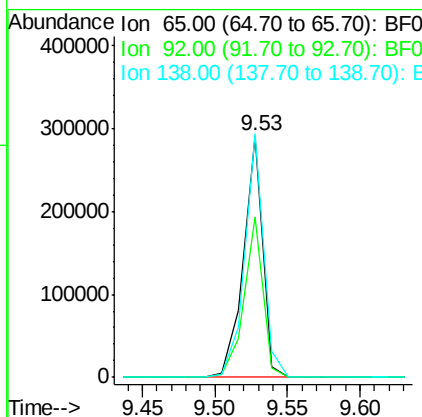
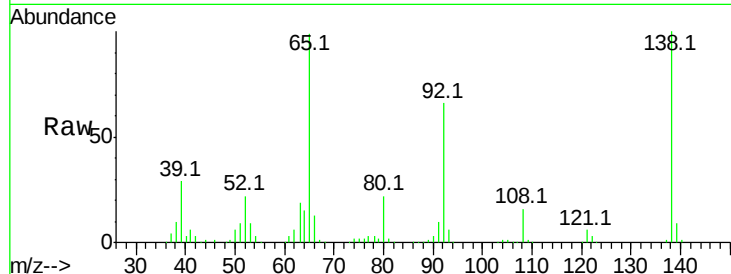
#47
2-Nitroaniline
Concen: 38.04 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.9	80.9
138	100.9	76.8	115.2

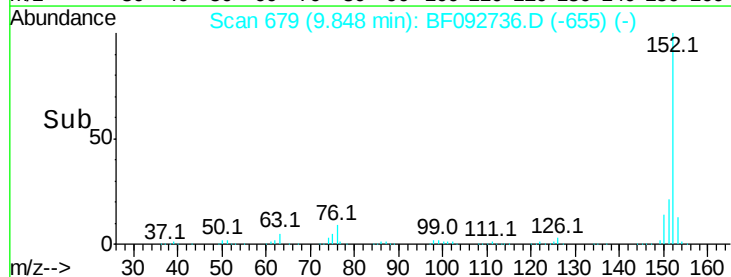
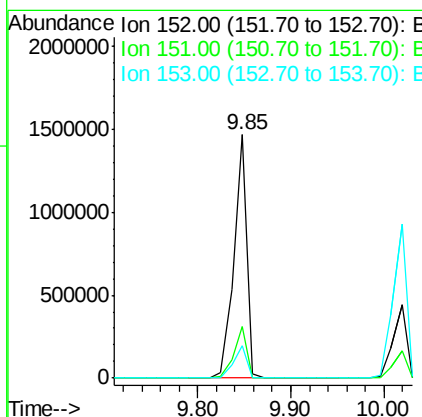
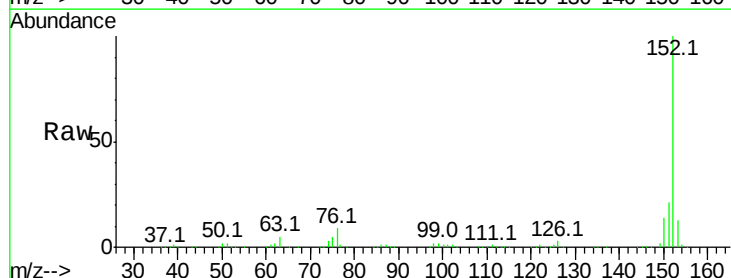
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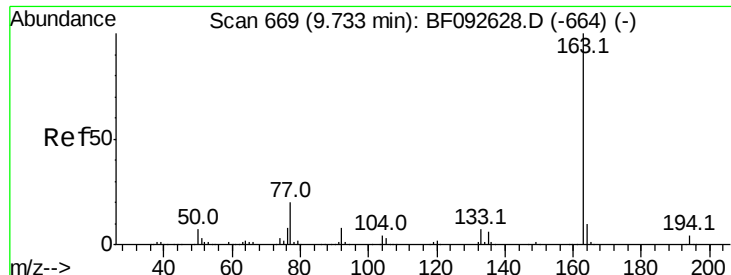
mohammad
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#48
Acenaphthylene
Concen: 39.11 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.1	11.4	17.2





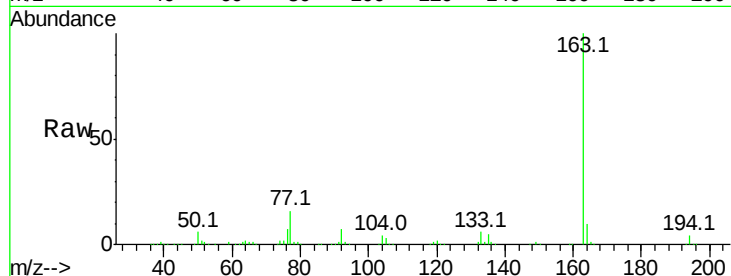
#49
Dimethylphthalate
Concen: 39.86 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.9	8.0	12.0

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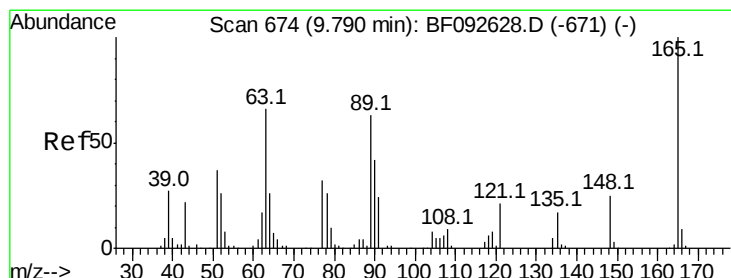
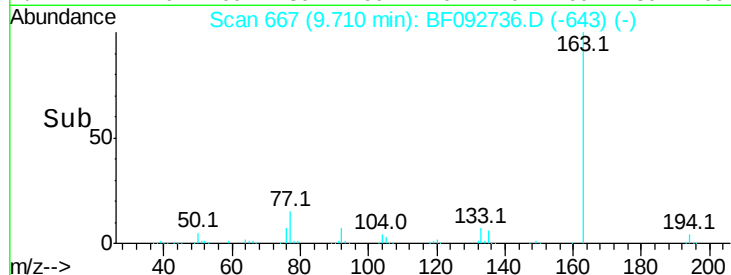
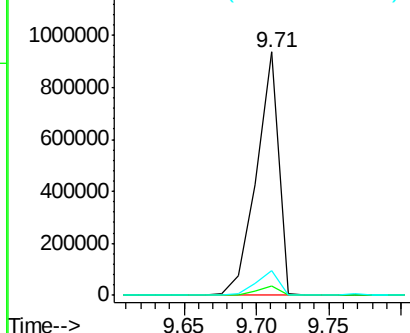


Abundance

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: 37.45 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

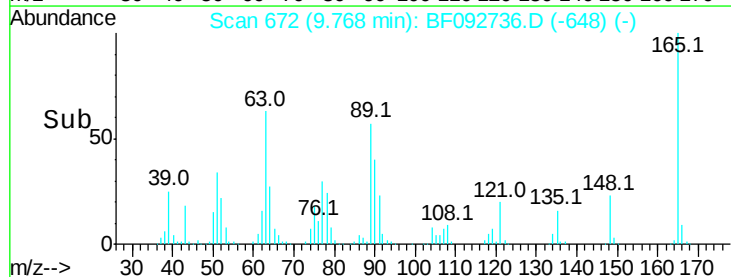
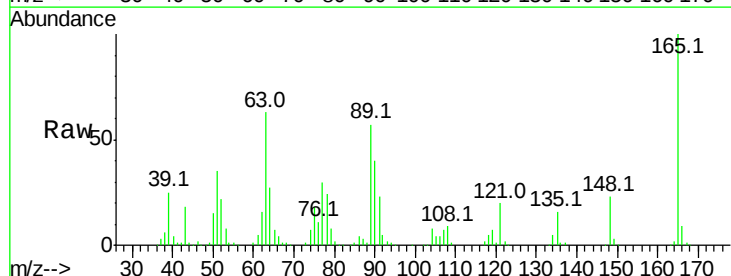
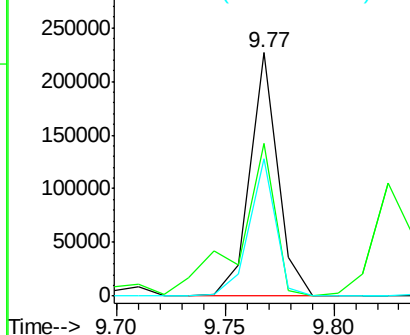
Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	62.8	36.2	54.4#
89	56.7	40.2	60.4

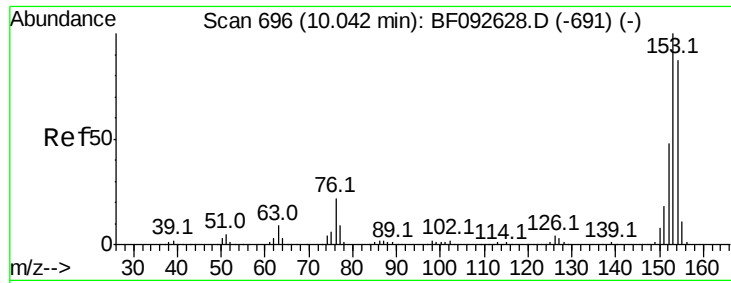
Abundance

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





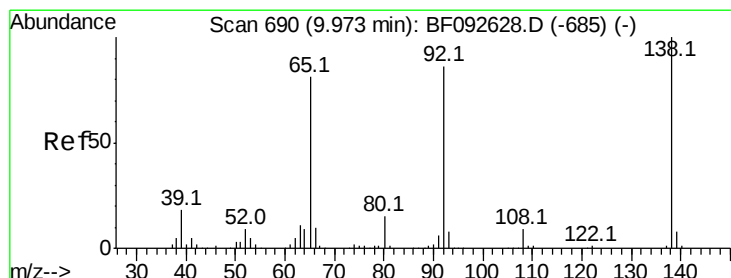
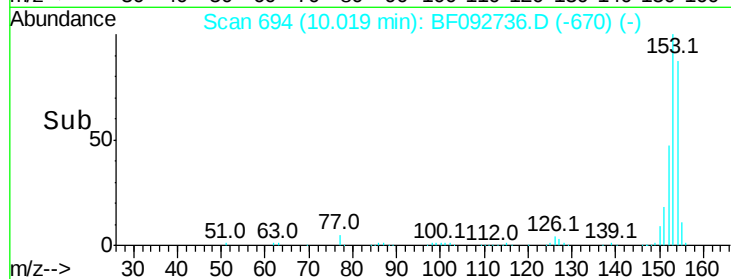
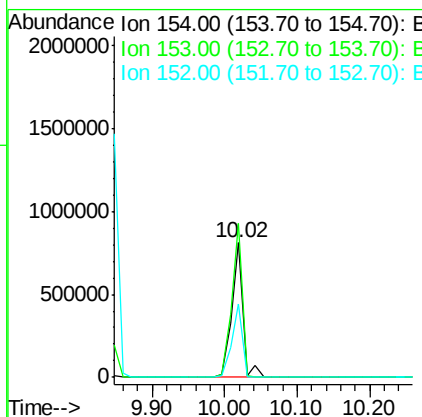
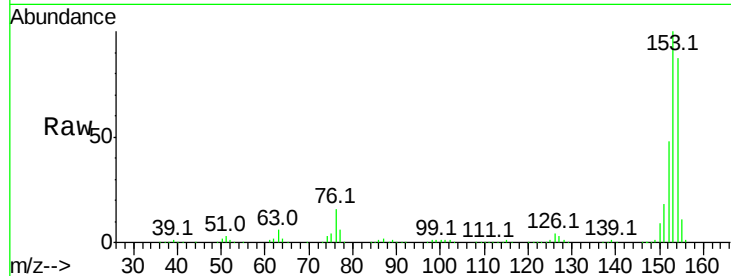
#51
Acenaphthene
Concen: 39.89 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.6	133.0
152	54.7	41.6	62.4

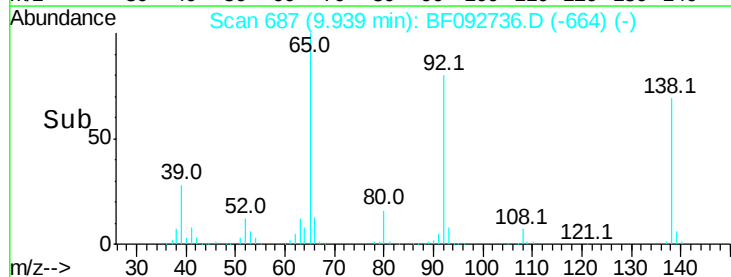
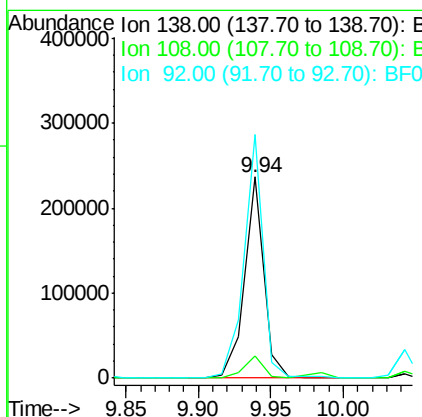
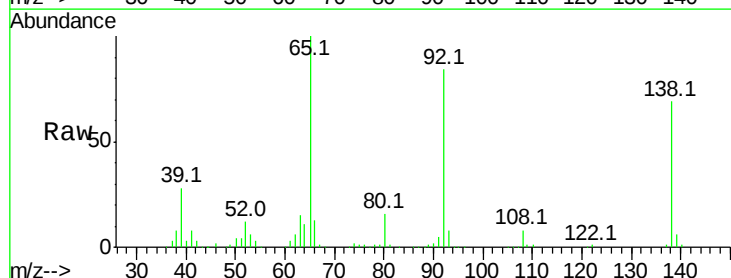
Manual Integrations
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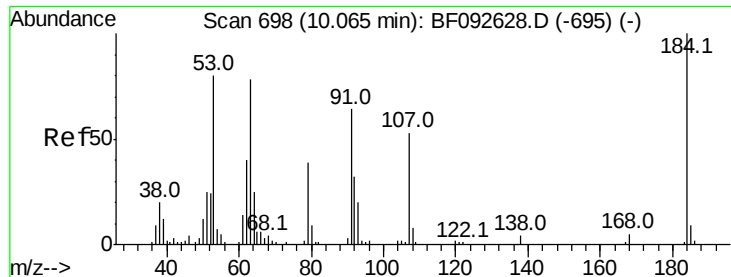
mohammad
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#52
3-Nitroaniline
Concen: 35.54 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.5	12.7
92	121.1	97.8	146.8





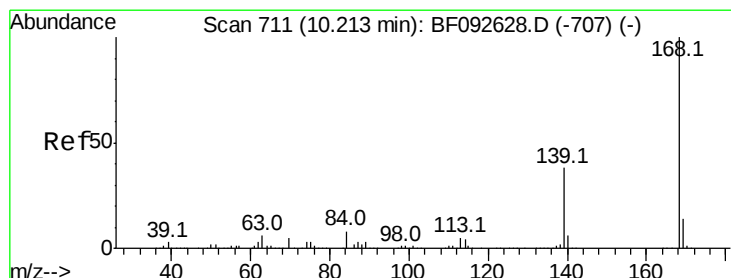
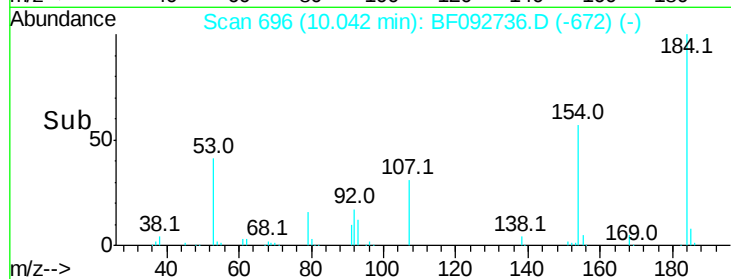
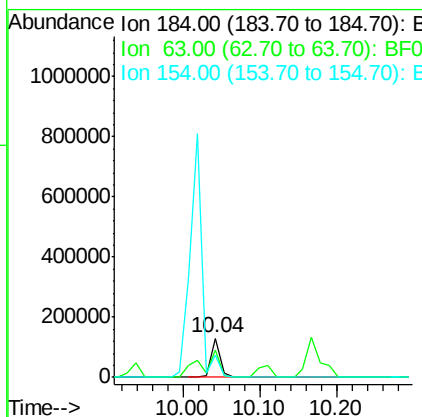
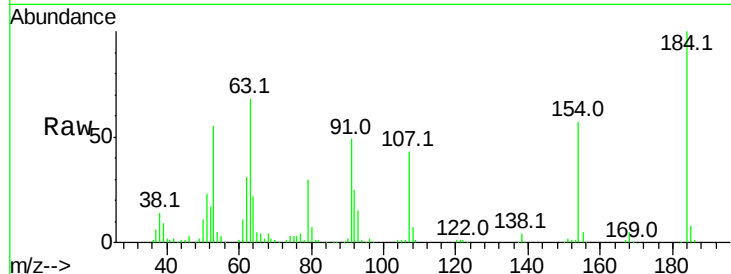
#53
 2,4-Dinitrophenol
 Concen: 42.87 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.02 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 111263
 Ion Ratio Lower Upper
 184 100
 63 68.0 28.4 42.6#
 154 57.1 44.3 66.5

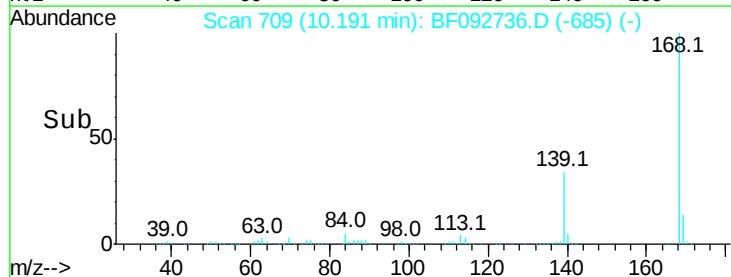
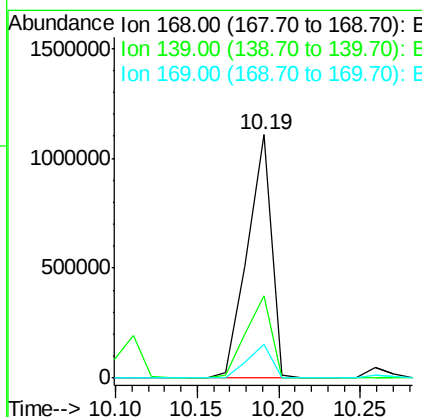
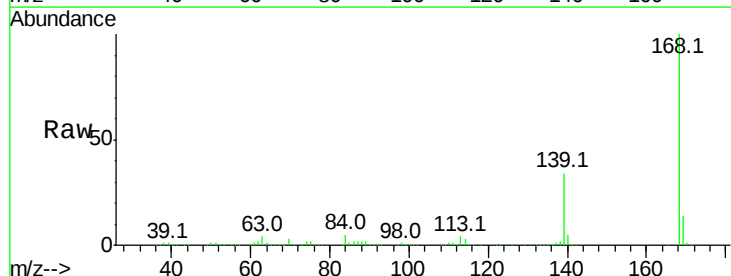
Manual Integrations
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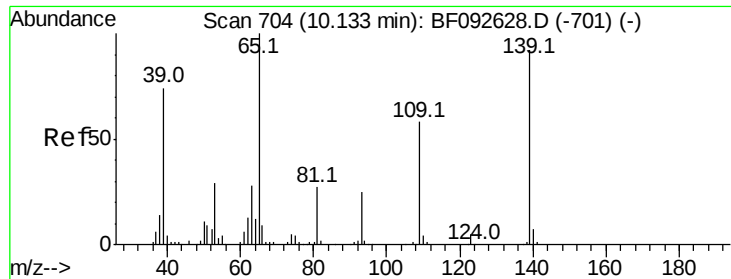
mohammad
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#54
 Dibenzofuran
 Concen: 39.07 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion:168 Resp: 1134107
 Ion Ratio Lower Upper
 168 100
 139 33.9 32.6 49.0
 169 13.6 11.3 16.9





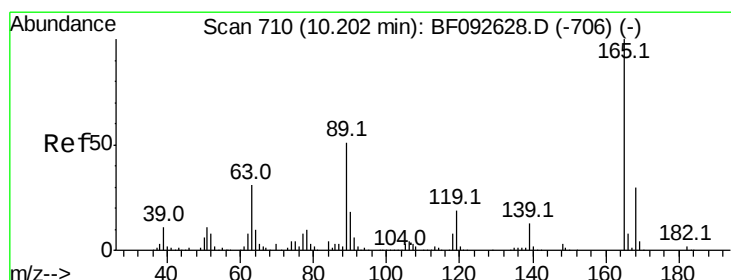
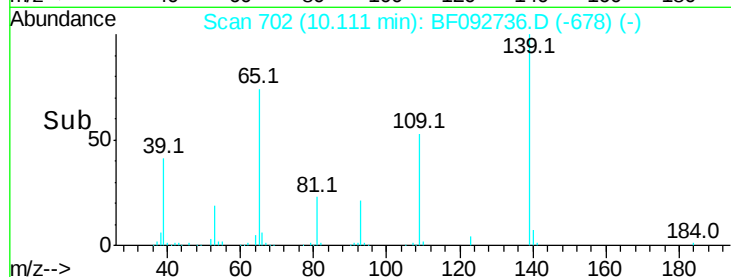
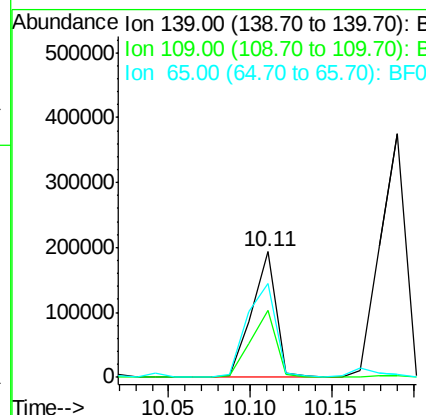
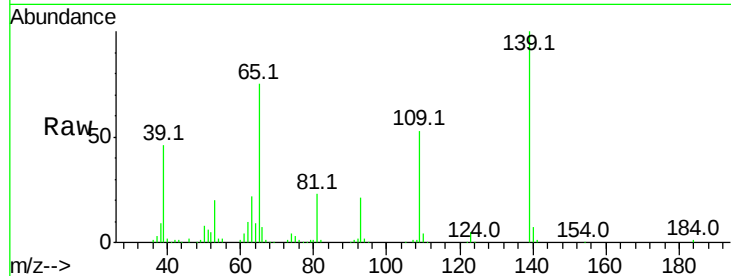
#55
4-Nitrophenol
Concen: 45.41 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.4	52.2	92.2
65	74.8	85.8	125.8

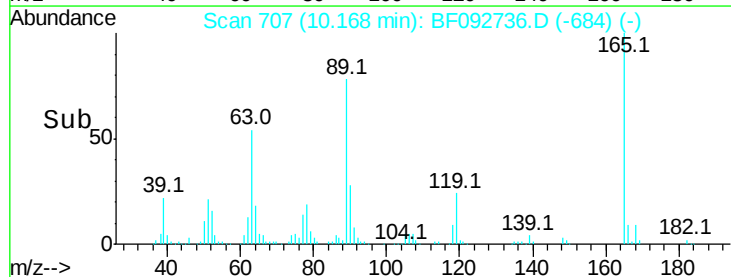
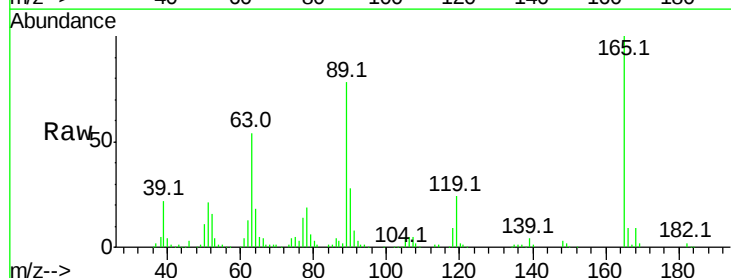
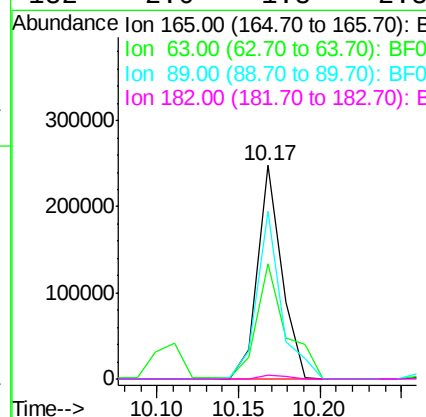
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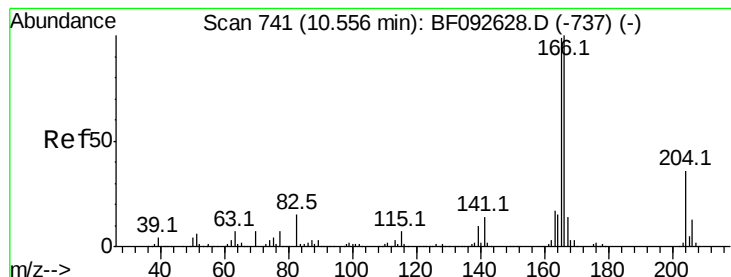
mohammad
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#56
2,4-Dinitrotoluene
Concen: 35.49 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.8	40.2	60.4
89	78.3	62.5	93.7
182	2.0	1.8	2.8





#57

Fluorene

Concen: 41.11 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

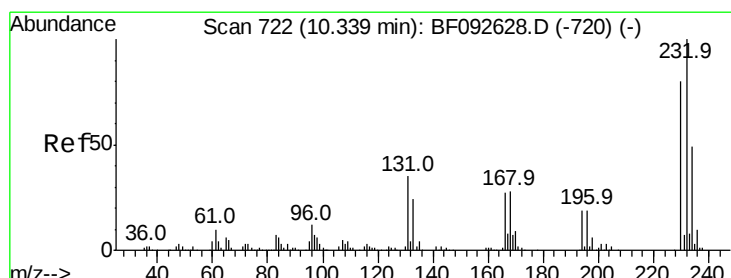
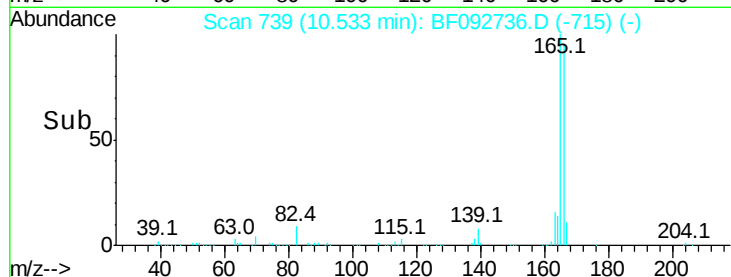
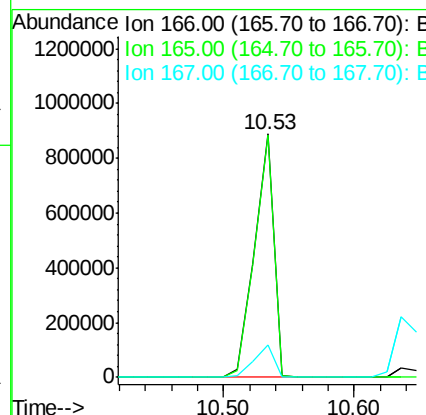
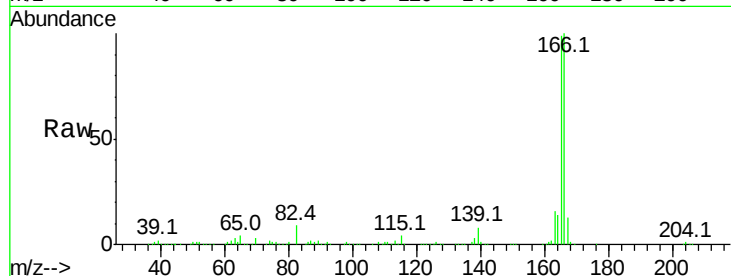
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	918091
Ion Ratio	Lower	Upper	
166	100		
165	99.4	77.8	116.8
167	13.1	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.70 ng

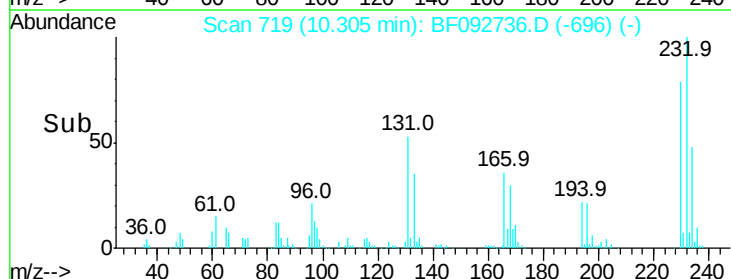
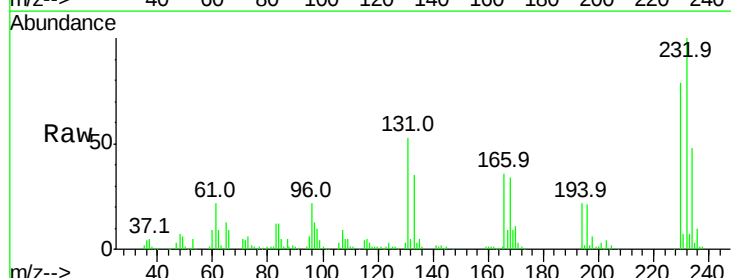
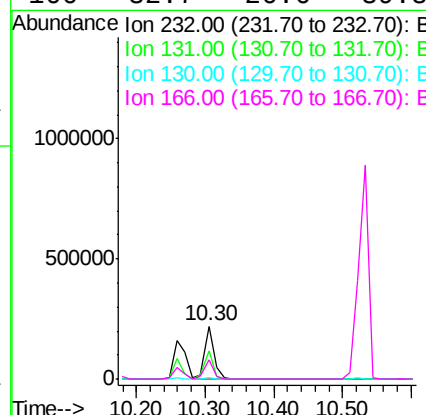
RT: 10.30 min Scan# 719

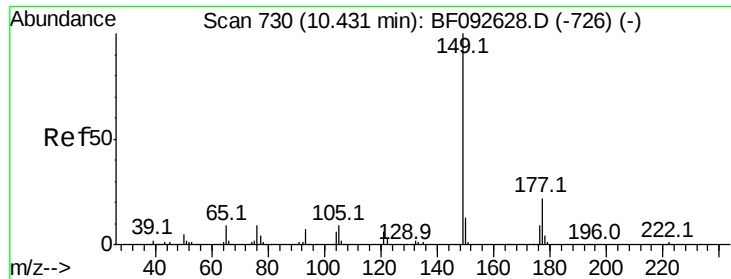
Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:	232	Resp:	203535
Ion Ratio	Lower	Upper	
232	100		
131	48.3	40.1	60.1
130	2.5	1.8	2.8
166	32.7	26.6	39.8





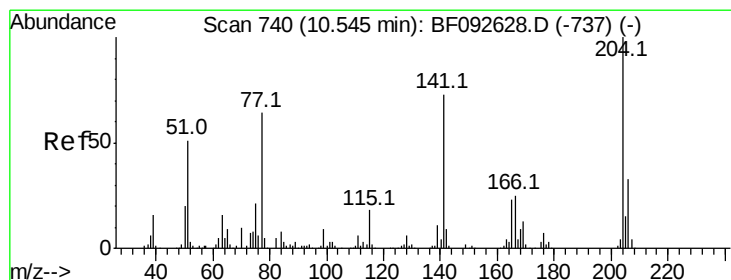
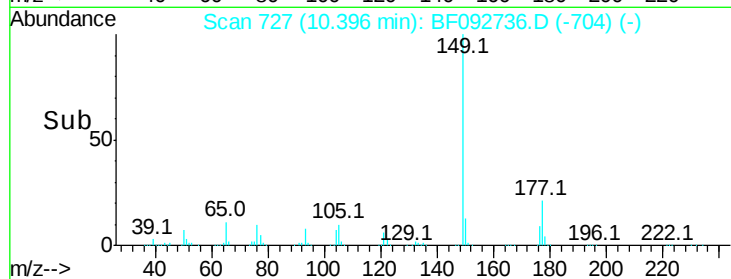
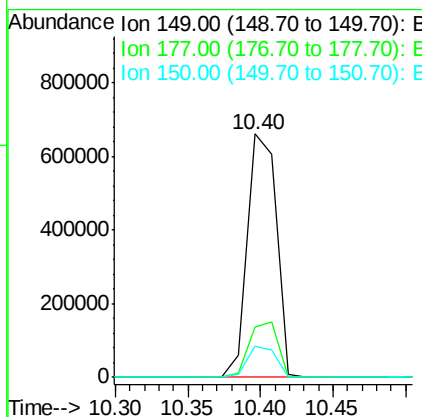
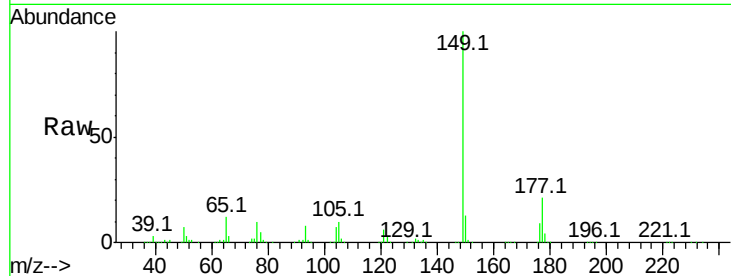
#59
Diethylphthalate
Concen: 39.00 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	918278		
177	20.9	16.6	25.0	
150	12.7	10.4	15.6	

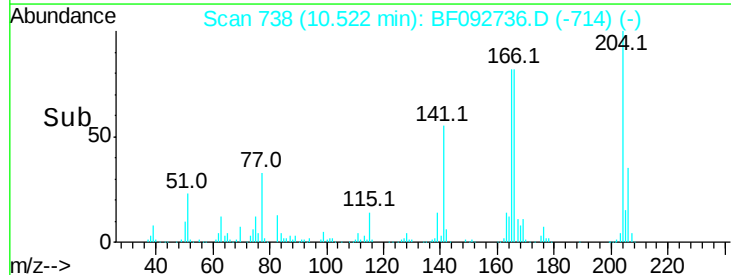
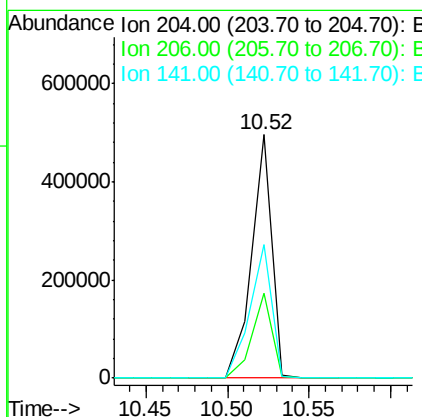
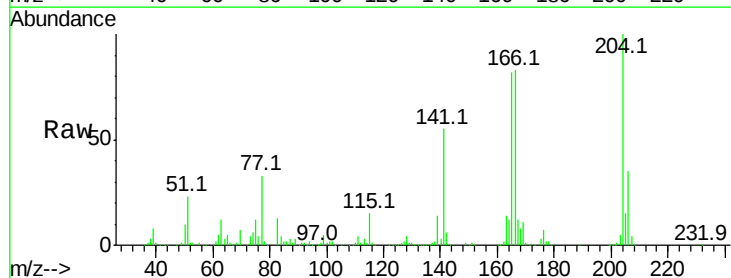
Manual Integrations
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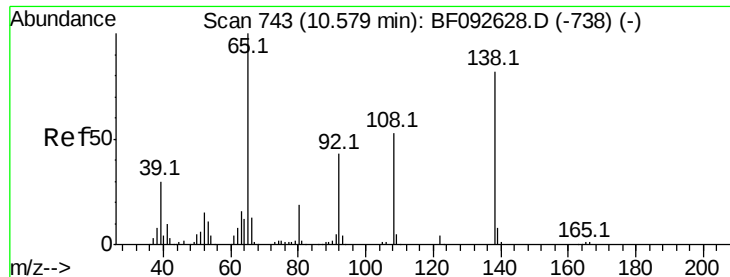
mohammad
2/3/2017 1:22:20 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.72 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	426176		
206	34.9	25.8	38.6	
141	55.0	59.4	89.0	





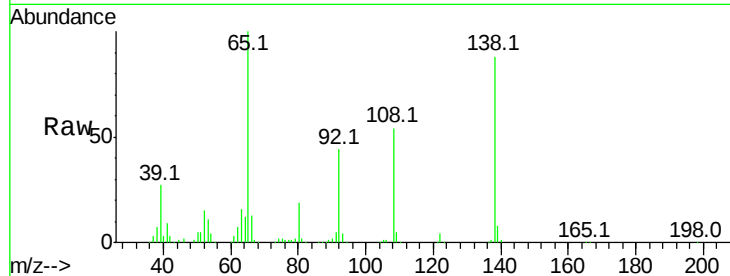
#61
4-Nitroaniline
Concen: 40.84 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	258341		
92	49.6	31.7	71.7	
108	60.9	52.6	92.6	

Manual Integrations
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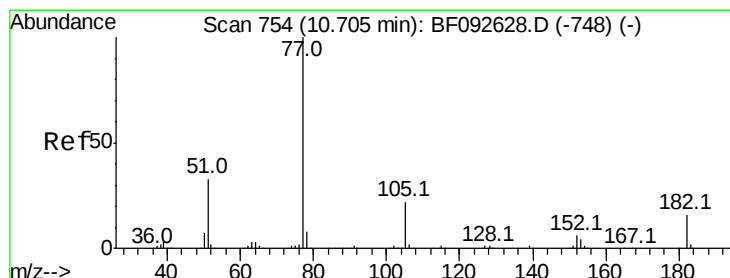
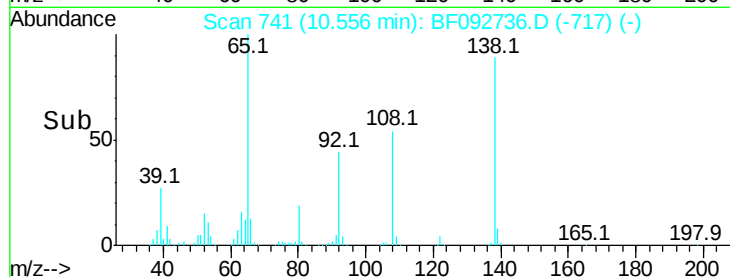
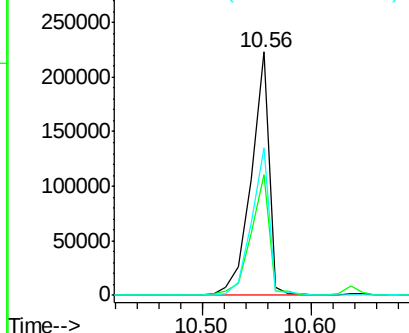


Abundance

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: 40.01 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	973249		
182	27.3	0.0	39.3	
105	24.8	2.3	42.3	
51	29.5	8.9	48.9	

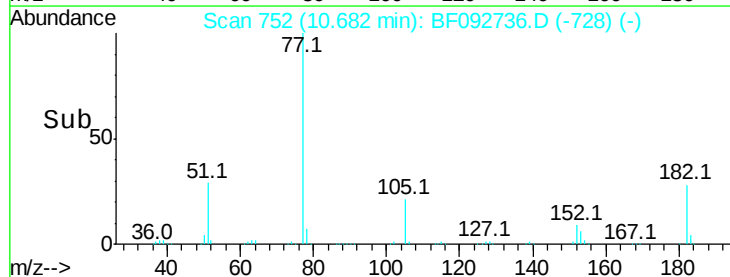
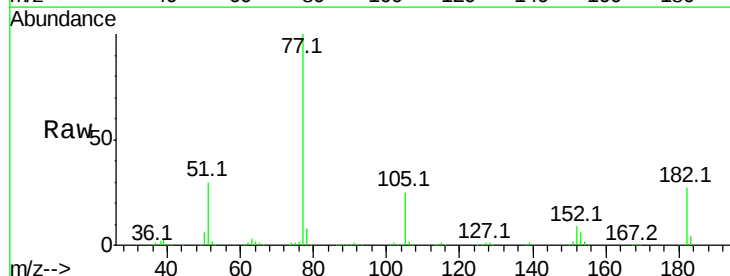
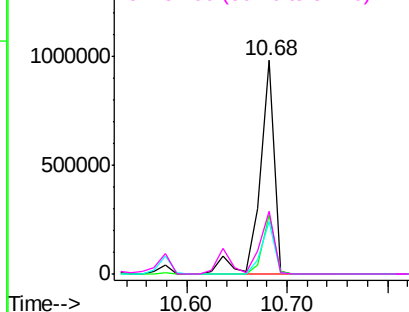
Abundance

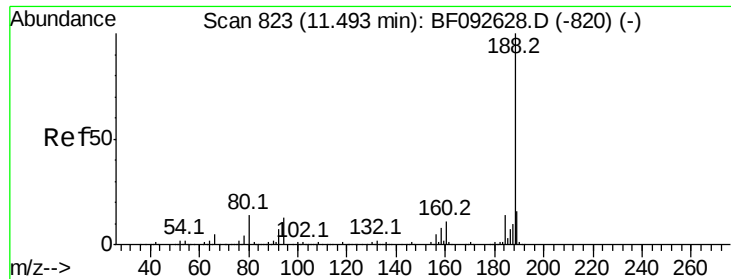
Ion 77.00 (76.70 to 77.70): BF0

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: 11.47 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

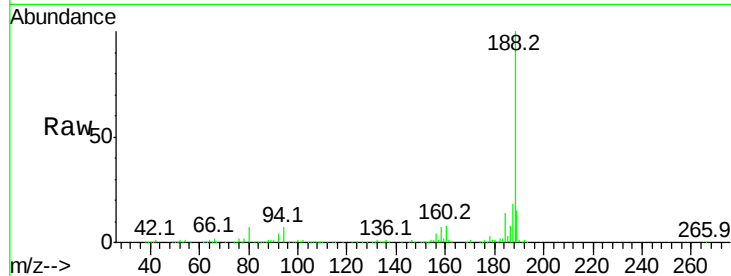
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	592312
Ion Ratio	Lower	Upper	
188	100		
94	6.8	10.0	15.0#
80	6.8	11.2	16.8#

Manual Integrations
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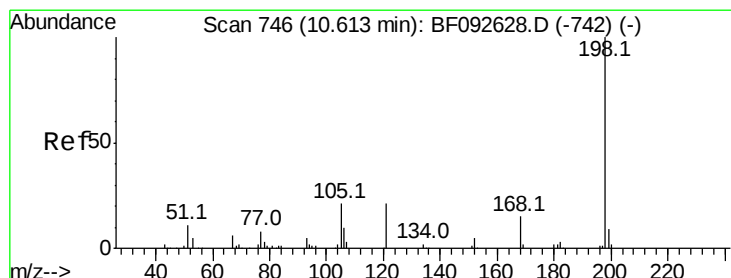
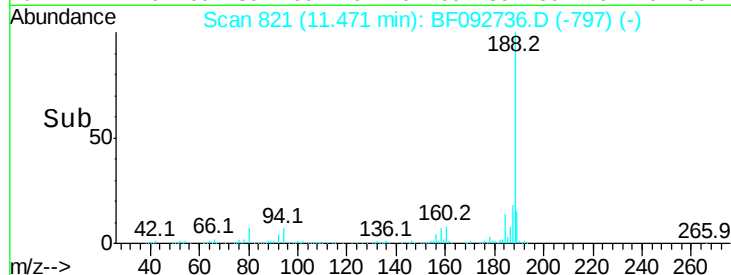
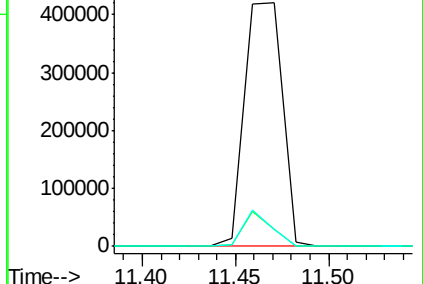
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.95 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF092736.D

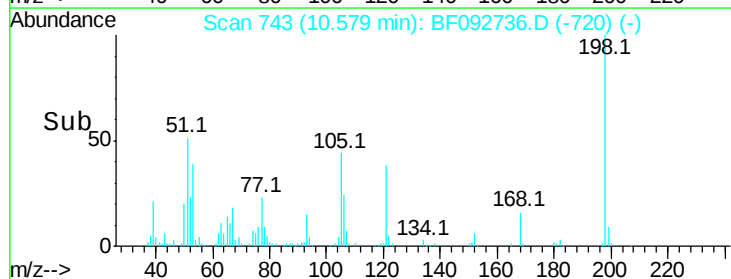
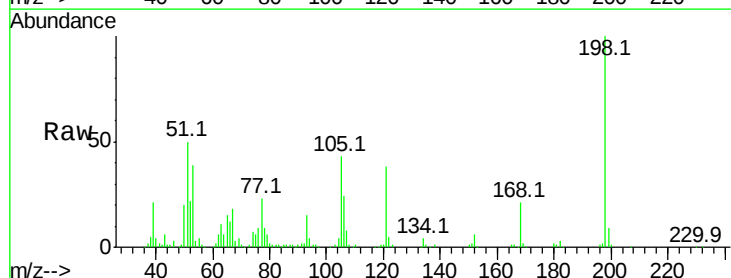
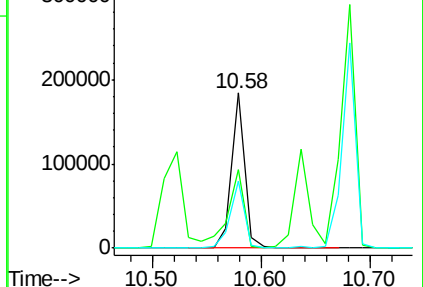
Acq: 2 Feb 2017 15:27

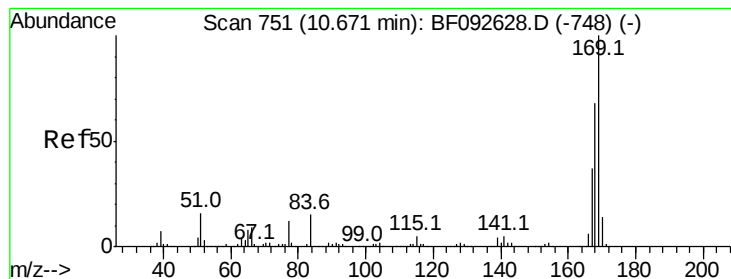
Tgt Ion:	198	Resp:	153785
Ion Ratio	Lower	Upper	
198	100		
51	50.4	6.7	46.7#
105	43.3	16.6	56.6

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





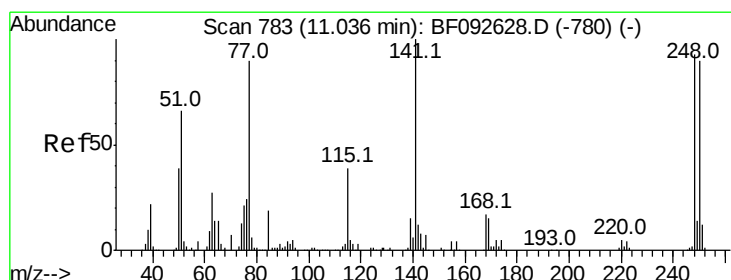
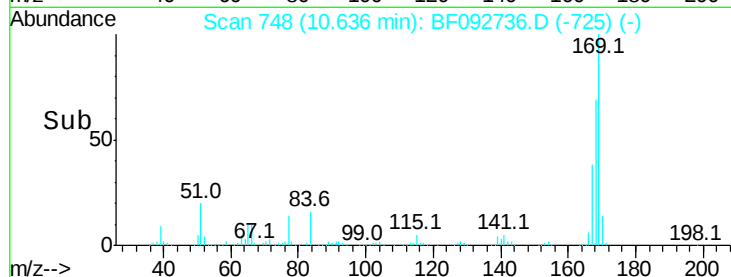
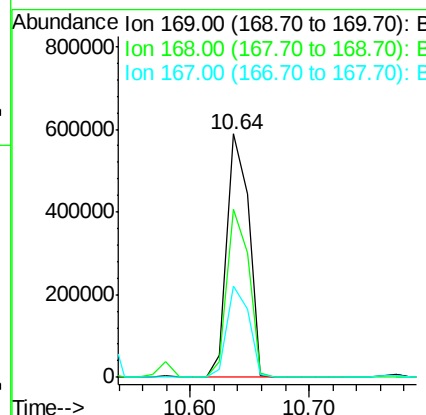
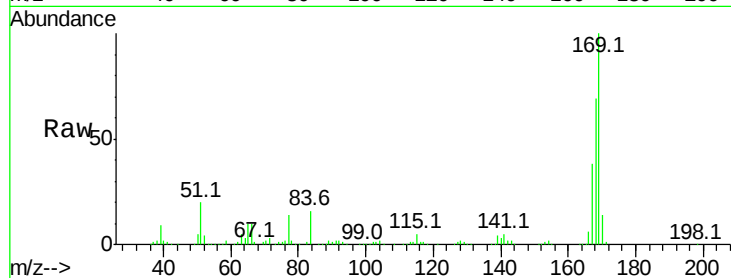
#65
n-Nitrosodiphenylamine
Concen: 39.69 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	750923		
168	69.0		54.2	81.2
167	37.7		30.2	45.4

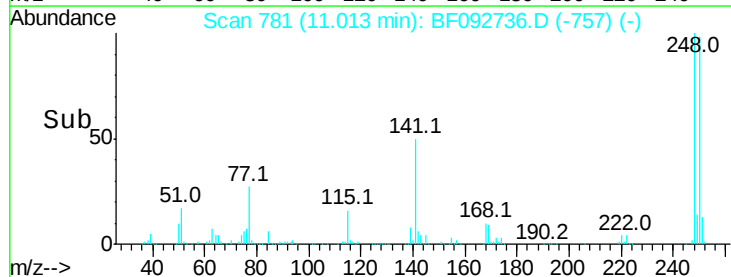
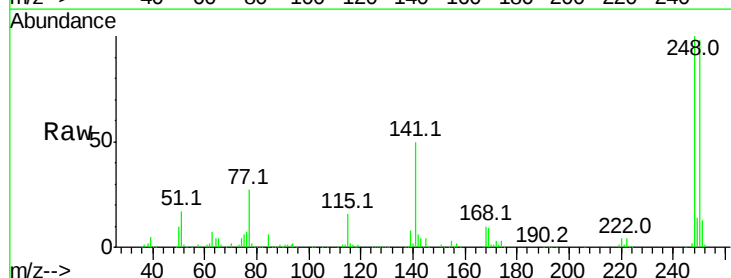
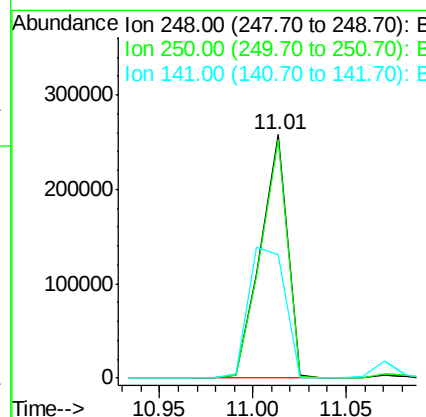
Manual Integrations
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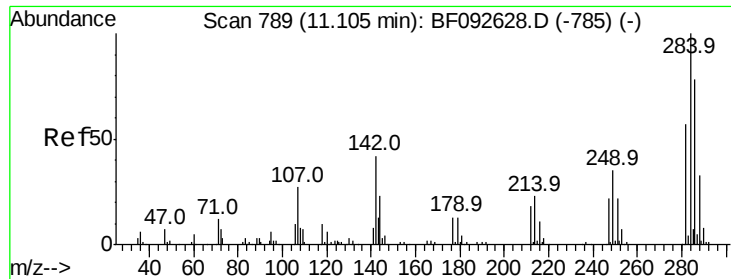
mohammad
2/3/2017 1:22:20 PM



#66
4-Bromophenyl-phenylether
Concen: 41.43 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	256358		
250	97.9		76.9	115.3
141	50.5		68.2	102.4#





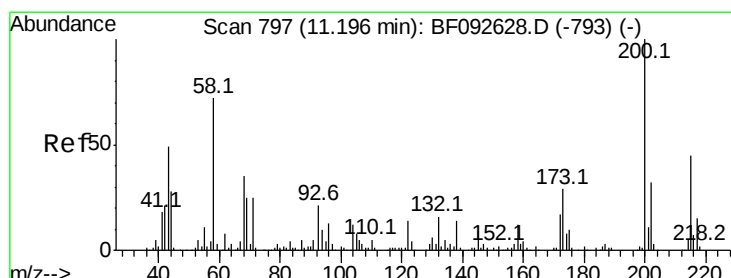
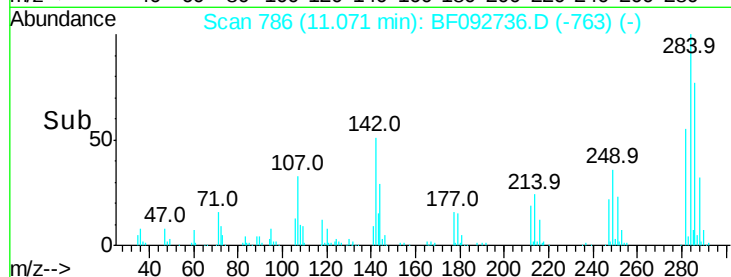
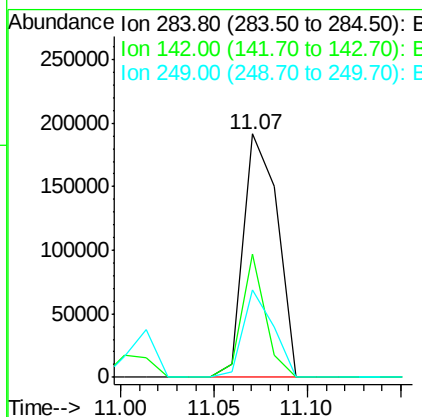
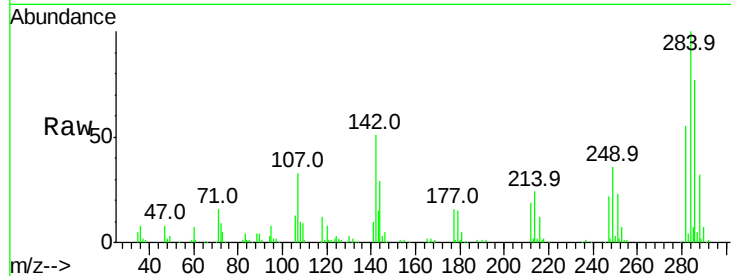
#67
Hexachlorobenzene
Concen: 39.59 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	242076		
142	50.6	22.6	33.8#	
249	35.8	25.4	38.0	

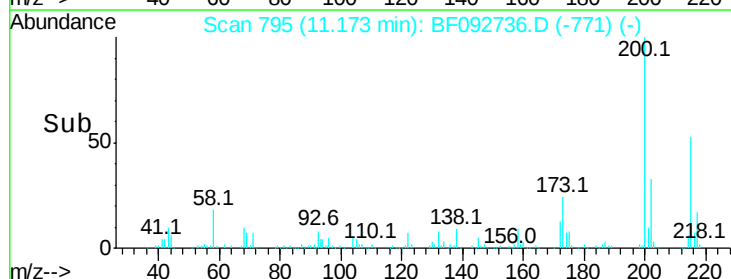
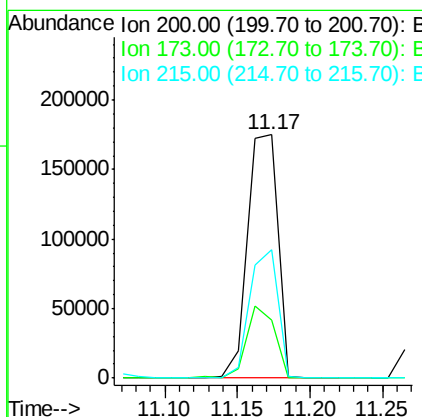
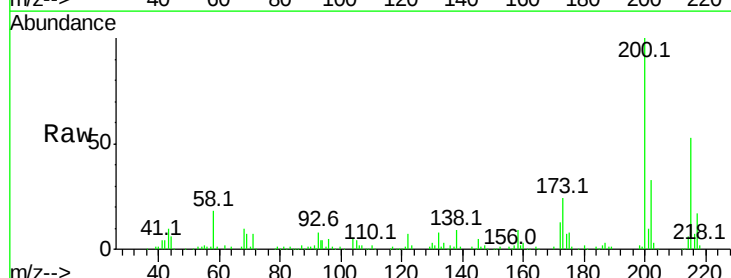
Manual Integrations
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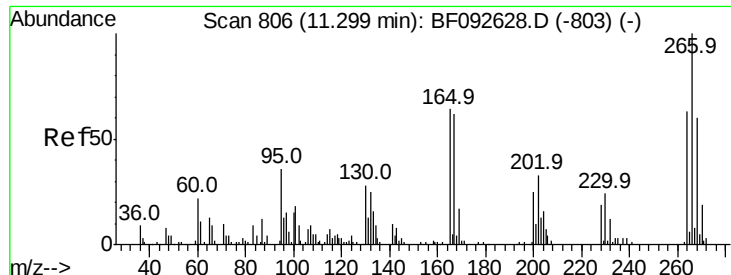
mohammad
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#68
Atrazine
Concen: 41.69 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	253123		
173	23.8	9.6	49.6	
215	52.7	25.7	65.7	





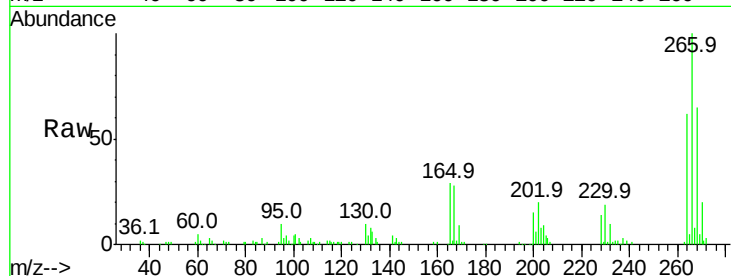
#69
 Pentachlorophenol
 Concen: 44.97 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

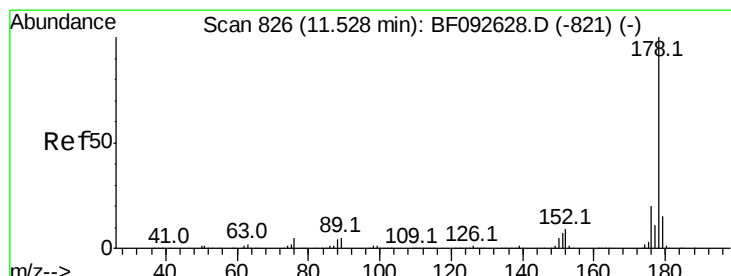
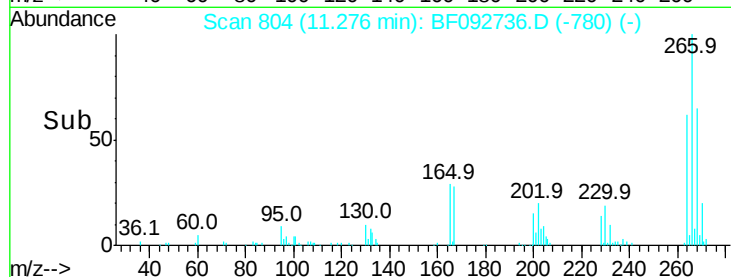
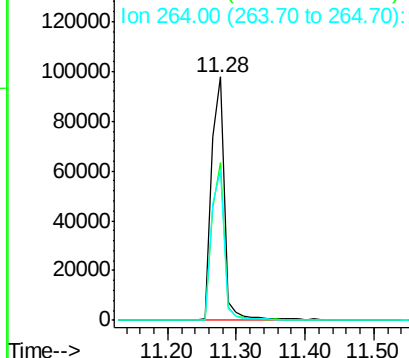
Tot Ion	Ratio	Resp	Lower	Upper
266	100	131013		
268	64.8	53.3	79.9	
264	61.6	50.3	75.5	

Manual Integrations
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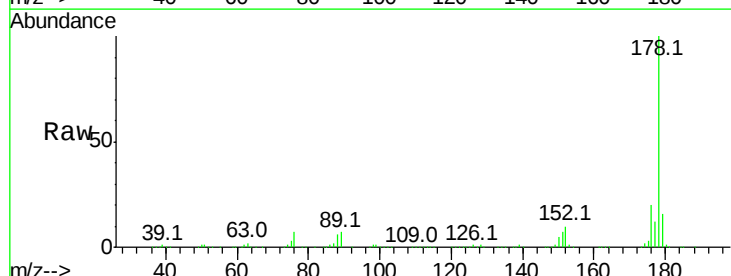


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

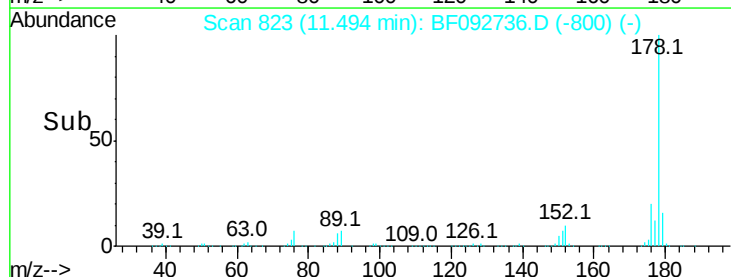
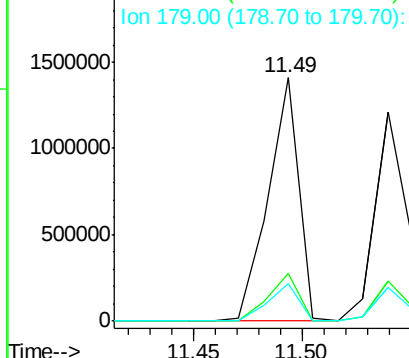


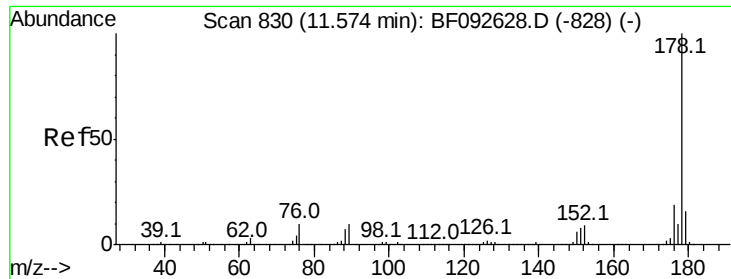
#70
 Phenanthrene
 Concen: 41.01 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1391731		
176	19.8	16.6	25.0	
179	15.6	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: 36.62 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

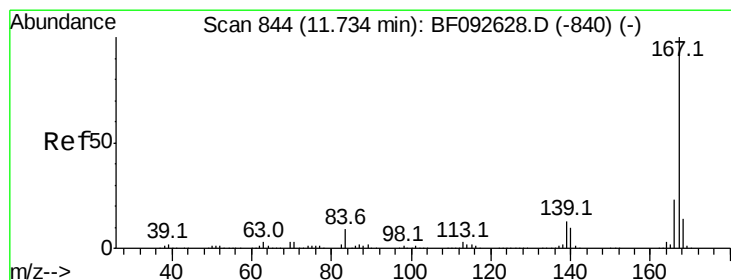
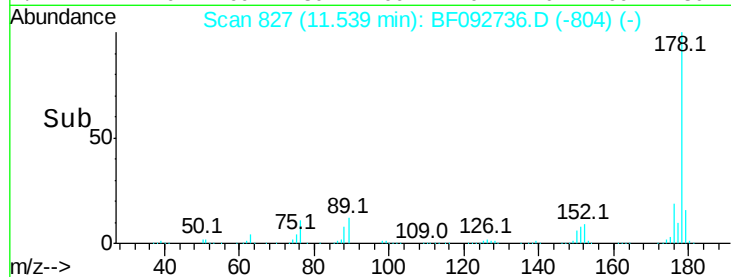
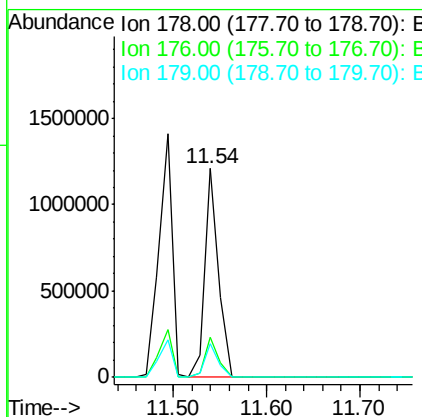
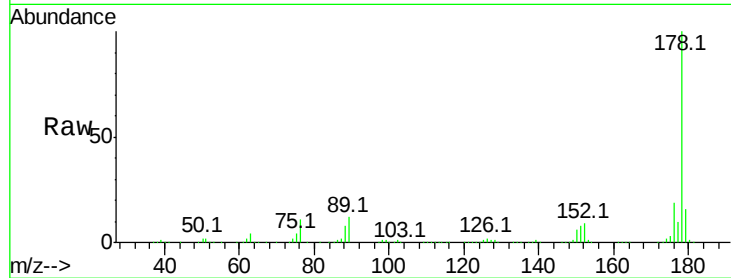
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1248045

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	16.1	13.2	19.8

Manual Integrations
 APPROVED

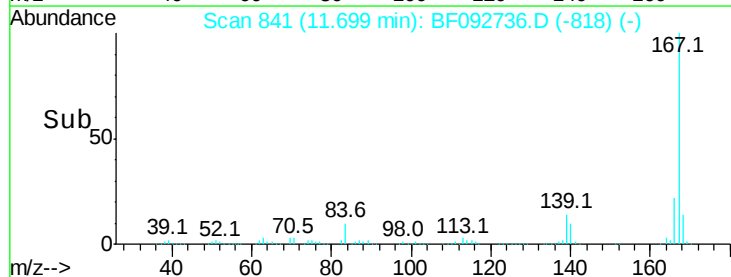
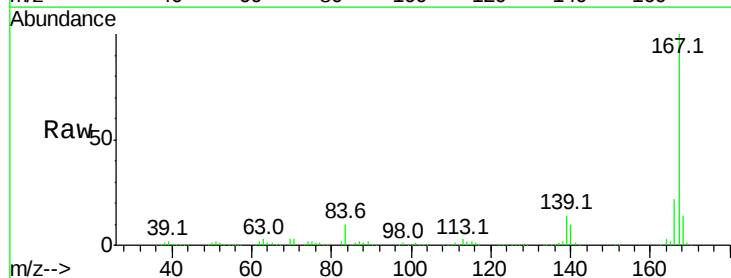
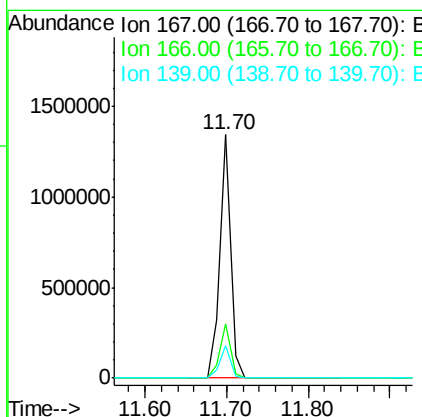
mohammad
 2/3/2017 1:22:20 PM

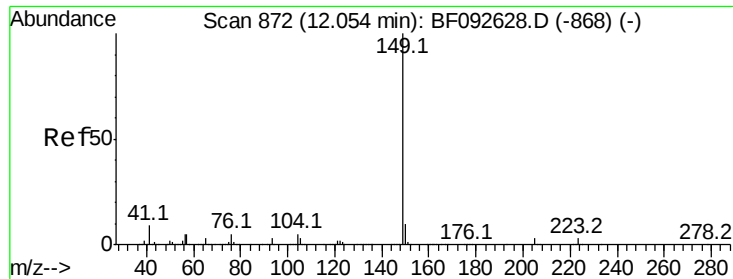


#72
 Carbazole
 Concen: 38.13 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.03 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion:167 Resp: 1241987

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.6	11.4	17.2





#73

Di-n-butylphthalate

Concen: 39.47 ng

RT: 12.02 min Scan# 869

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1390606

Ion Ratio Lower Upper

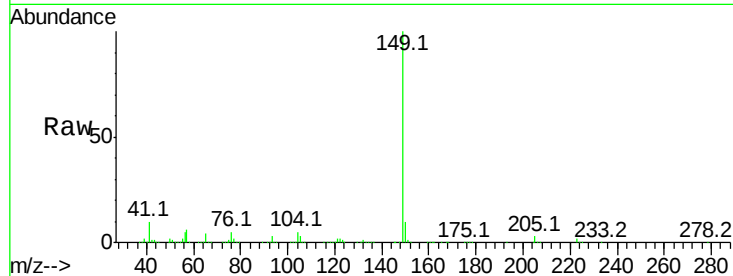
149 100

150 9.5 8.1 12.1

104 4.7 4.6 7.0

Manual Integrations
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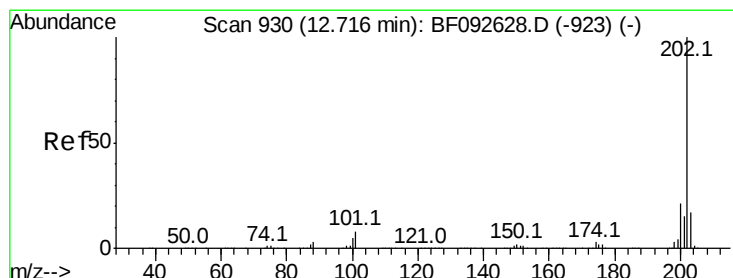
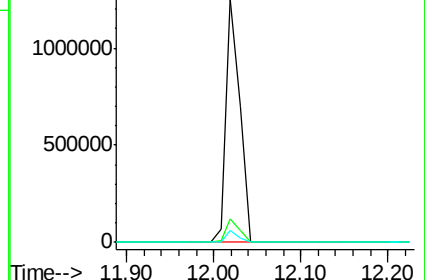
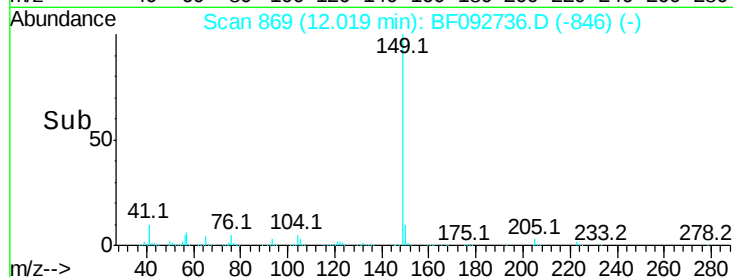
mohammad
2/3/2017 1:22:20 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.68 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

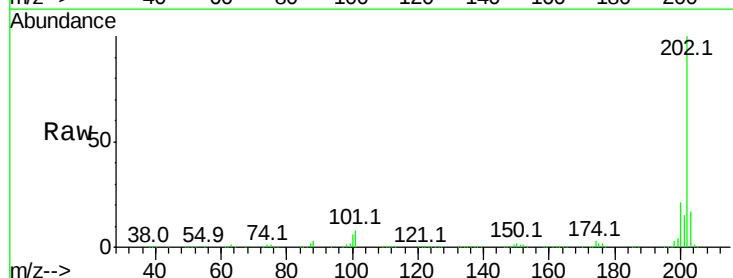
Tgt Ion:202 Resp: 1423802

Ion Ratio Lower Upper

202 100

101 7.9 0.0 34.6

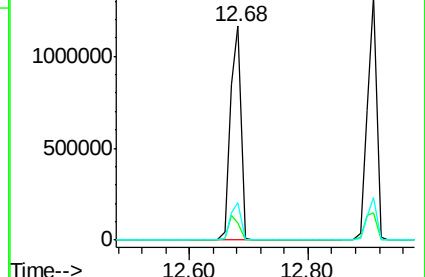
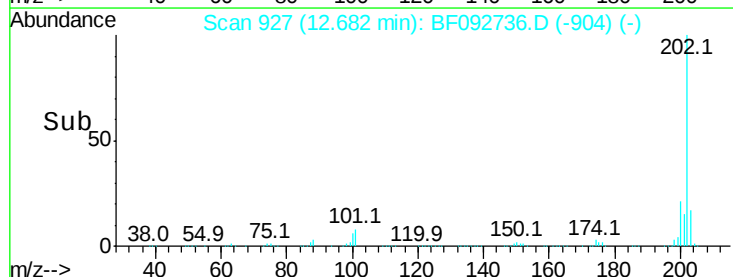
203 17.4 0.0 38.7

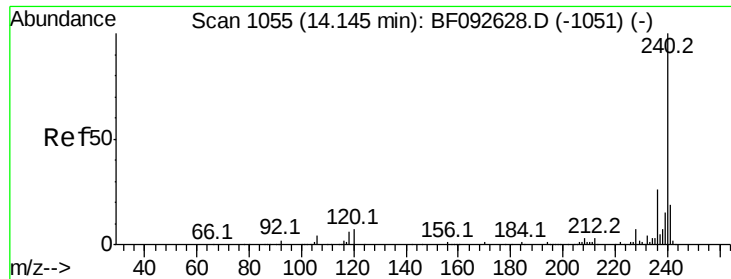


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

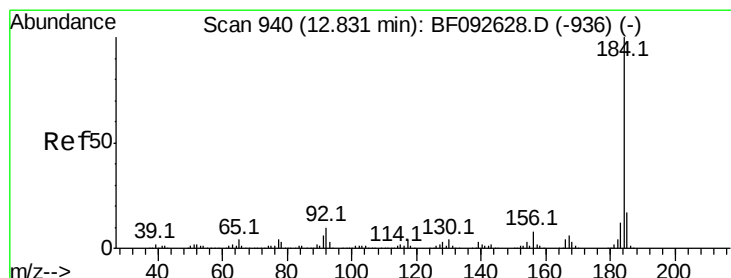
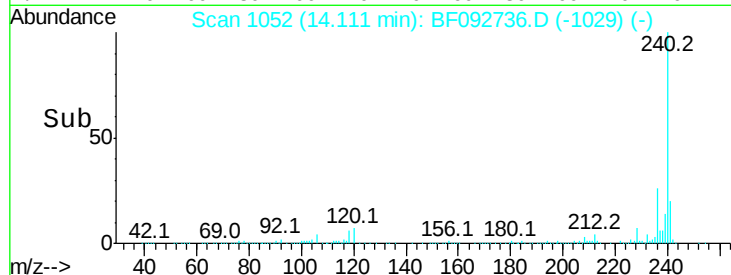
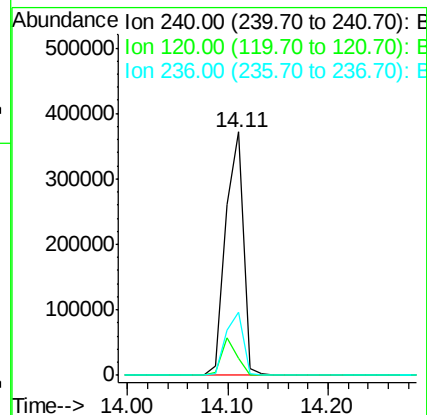
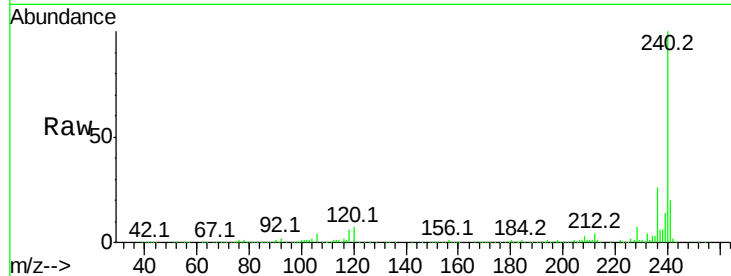
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	12.9	19.3#
236	25.9	20.9	31.3

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#76

Benzidine

Concen: 35.49 ng

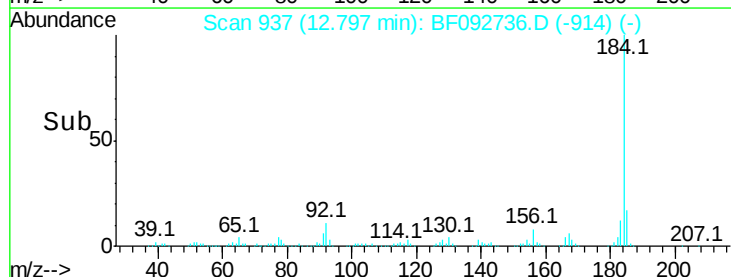
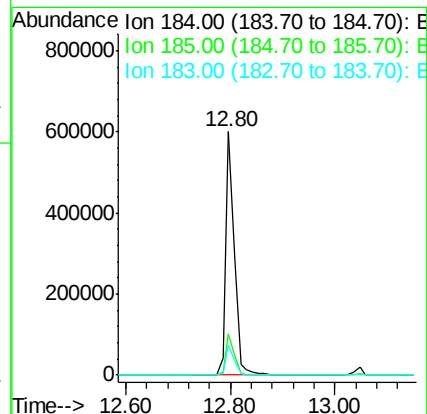
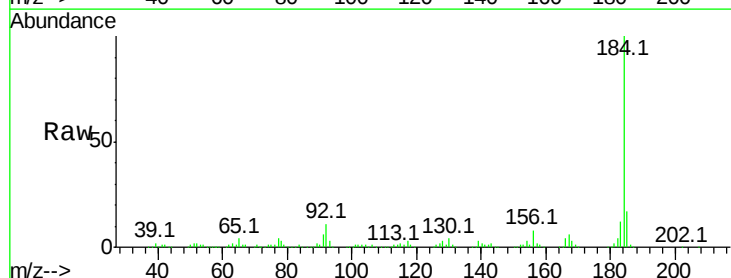
RT: 12.80 min Scan# 937

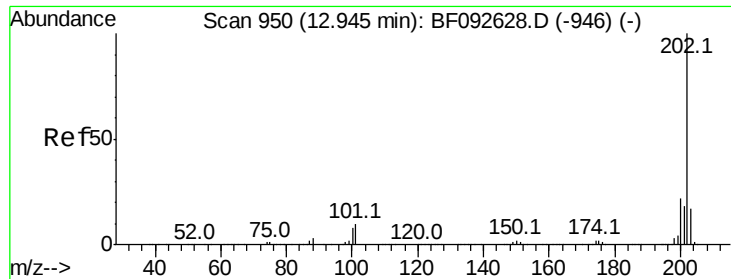
Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.9	13.4	20.0
183	12.2	9.2	13.8





#77

Pvrene

Concen: 42.40 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

ClientSampleId :

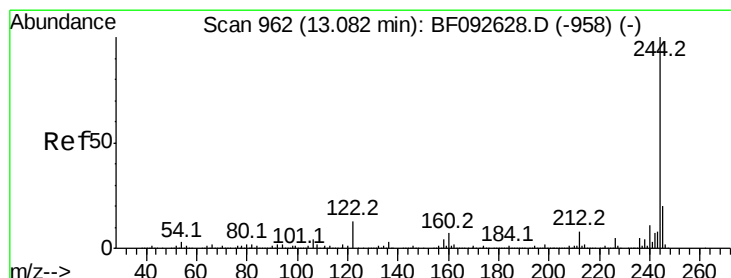
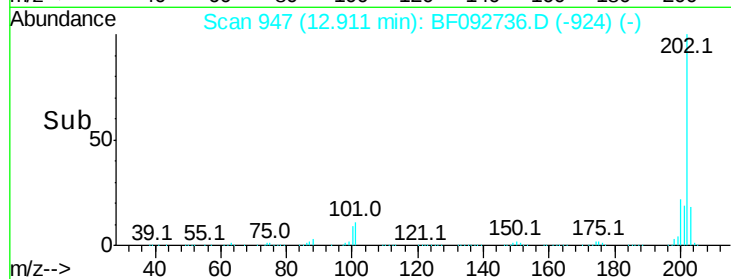
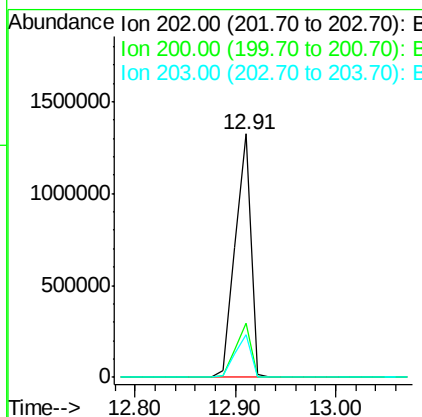
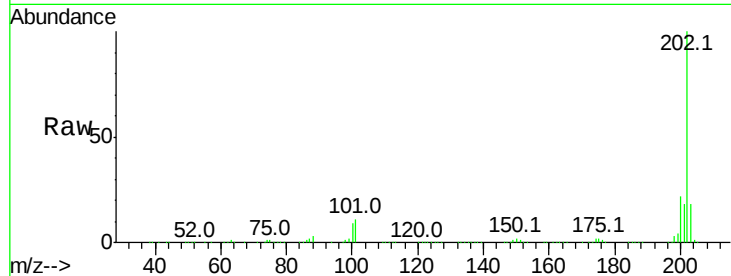
SSTDCCC040

Tot Ion:202 Resp: 1437904

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	17.6	14.7	22.1

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#78

Terphenyl-d14

Concen: 76.20 ng

RT: 13.05 min Scan# 959

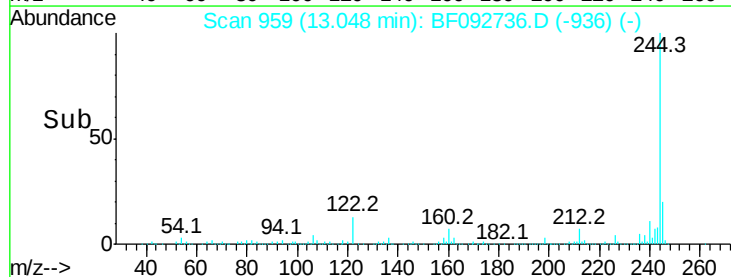
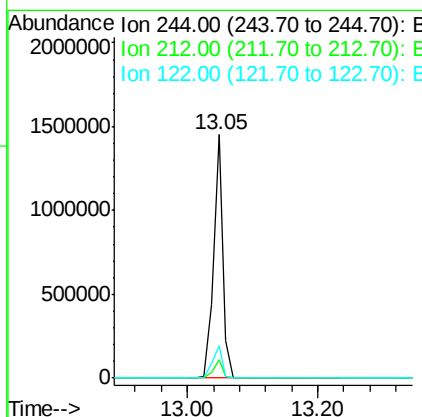
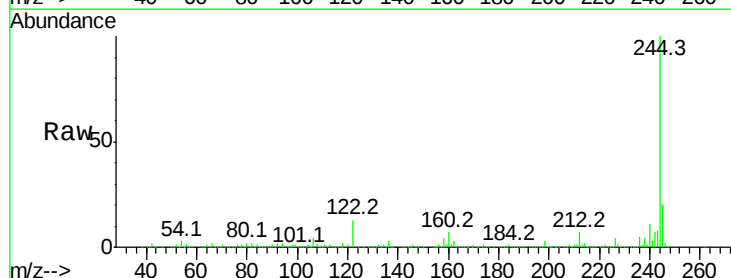
Delta R.T. -0.03 min

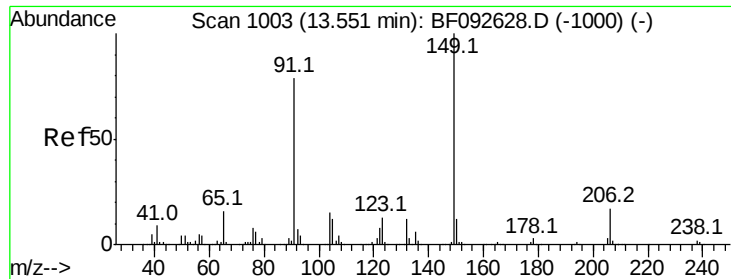
Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt Ion:244 Resp: 1469641

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	13.2	11.4	17.2





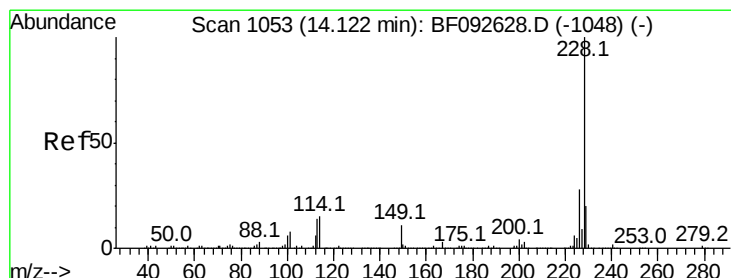
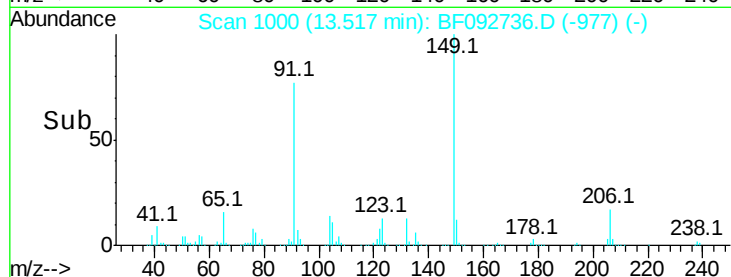
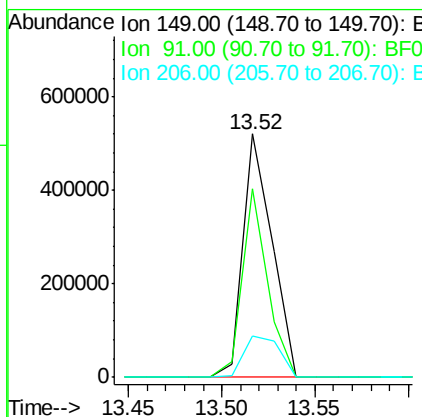
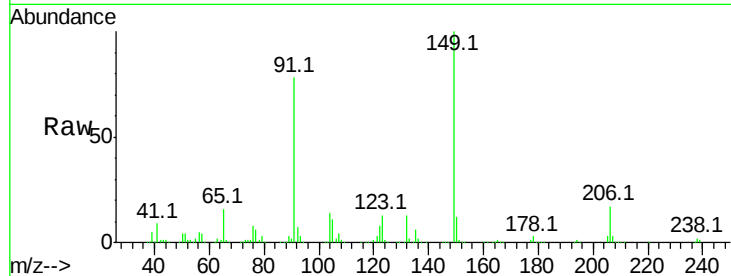
#79
Butylbenzylphthalate
Concen: 40.86 ng
RT: 13.52 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	562705		
91	77.6	63.9	95.9	
206	17.2	14.6	21.8	

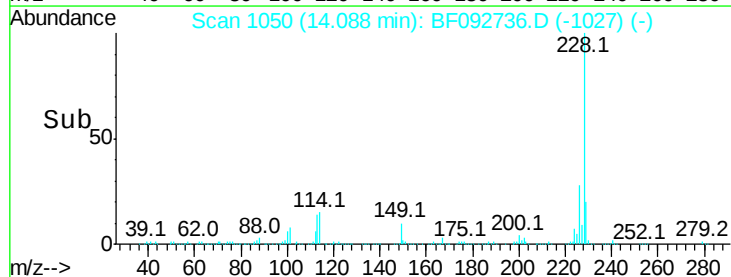
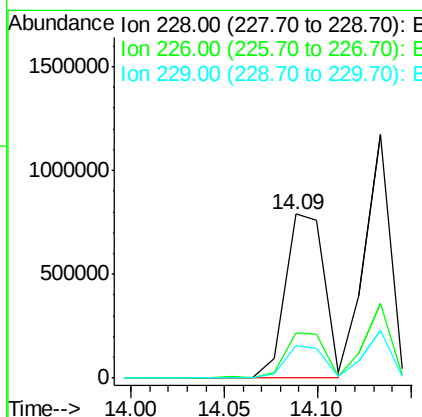
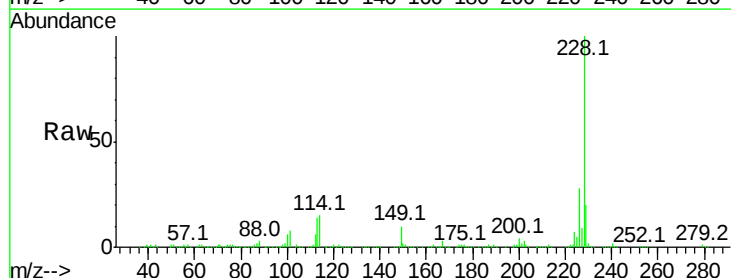
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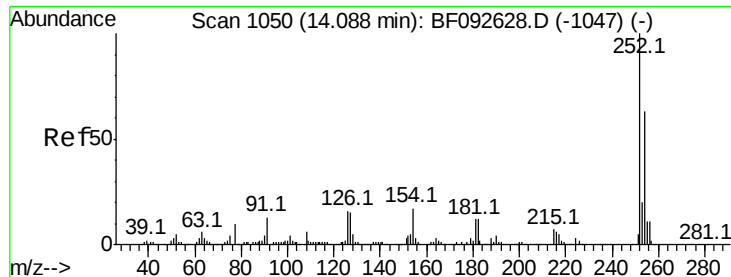
mohammad
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#80
Benzo(a)anthracene
Concen: 41.43 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1148438		
226	27.7	22.4	33.6	
229	20.0	16.2	24.4	





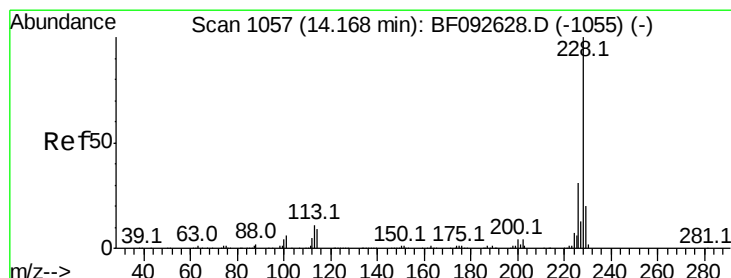
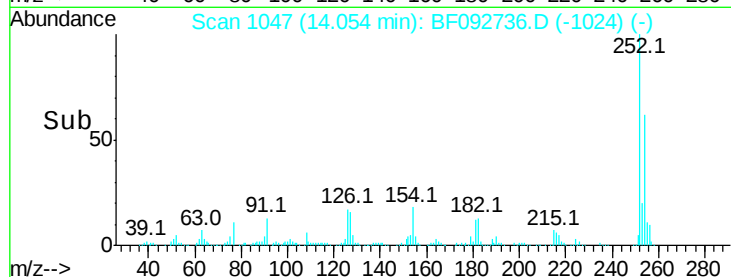
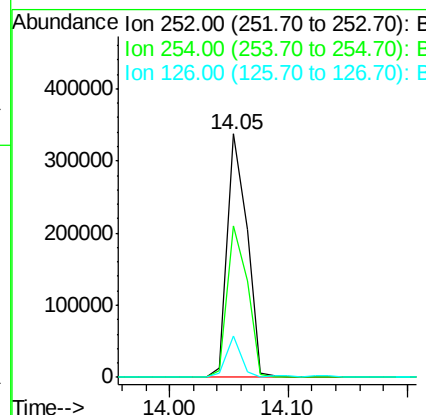
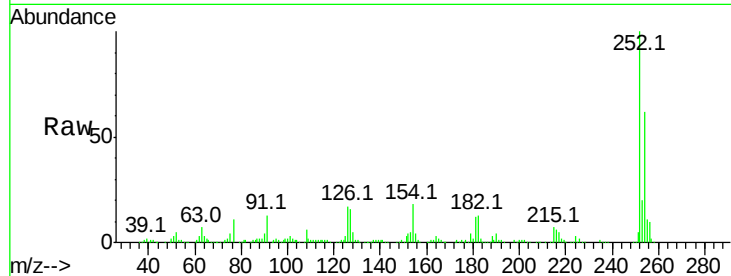
#81
 3,3'-Dichlorobenzidine
 Concen: 39.39 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	389161		
254	62.1	52.3	78.5	
126	17.1	13.6	20.4	

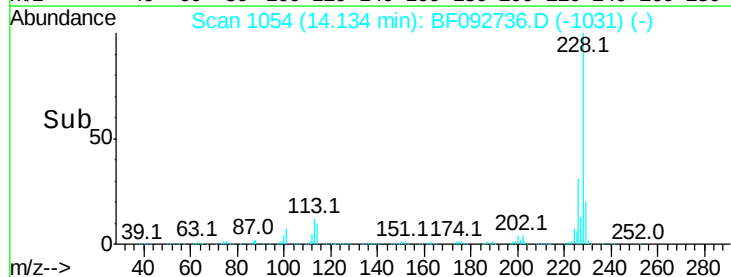
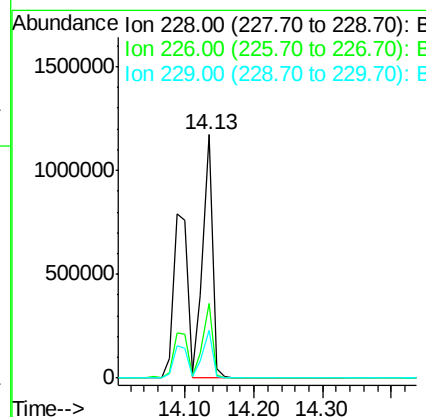
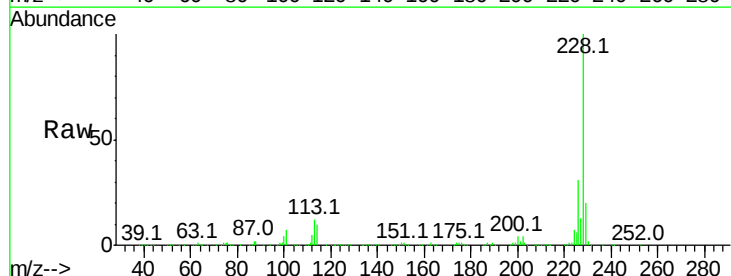
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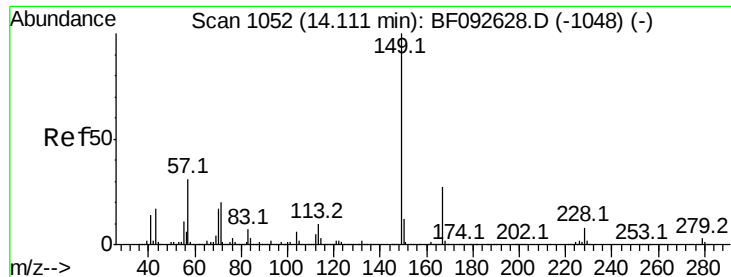
mohammad
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#82
 Chrysene
 Concen: 43.38 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1125787		
226	30.9	25.4	38.0	
229	19.8	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.54 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

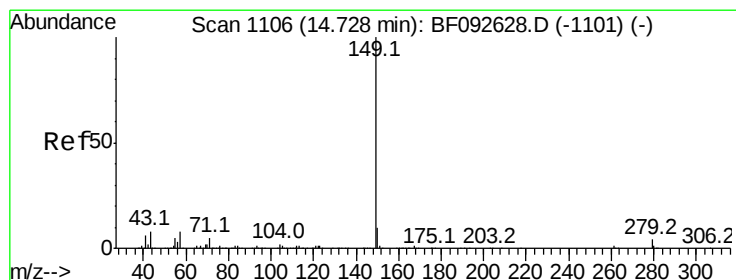
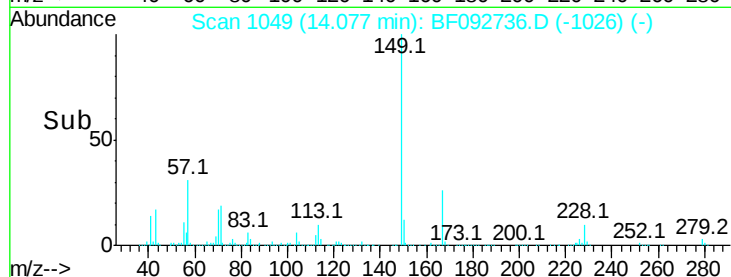
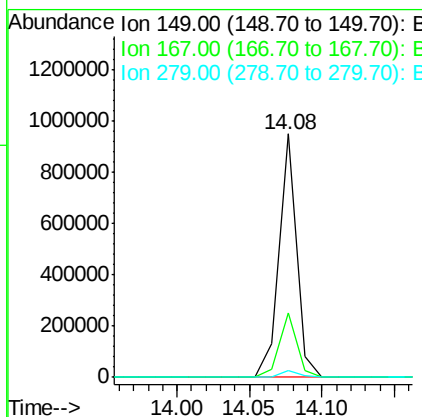
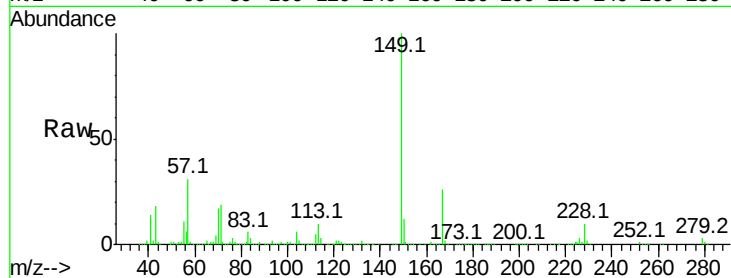
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.2	30.4
279	2.9	1.8	2.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 45.63 ng

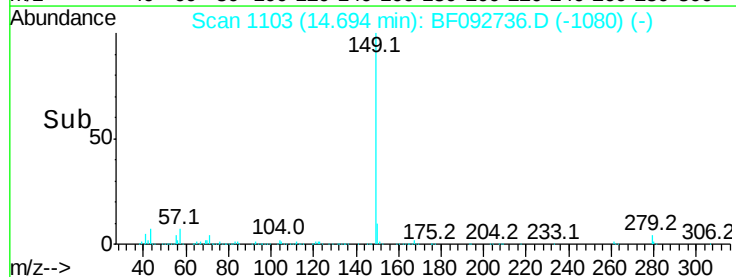
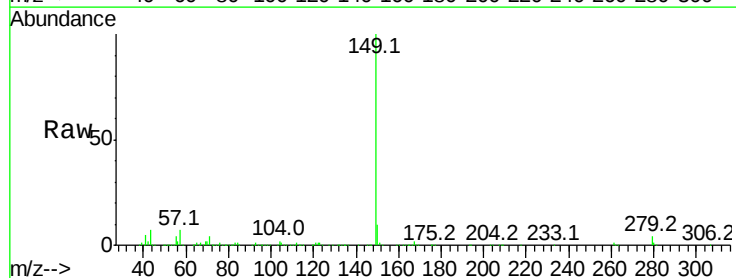
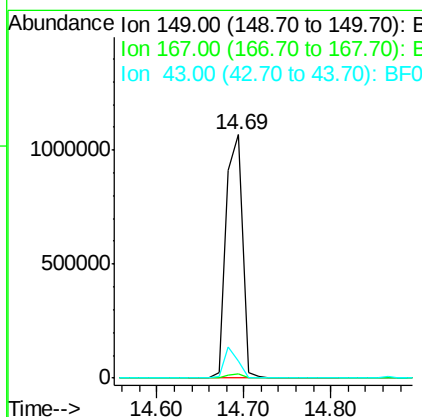
RT: 14.69 min Scan# 1103

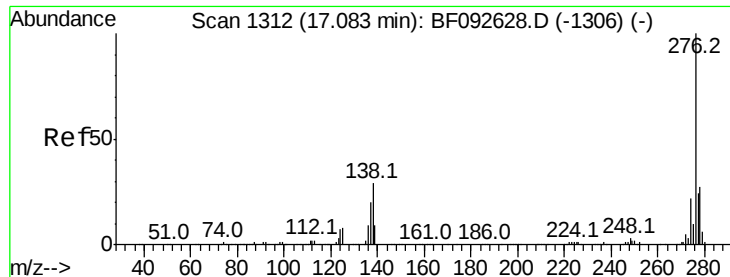
Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

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





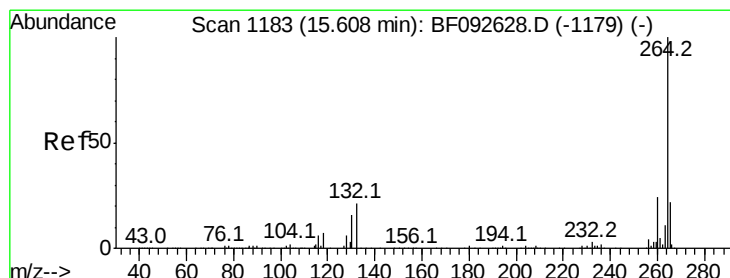
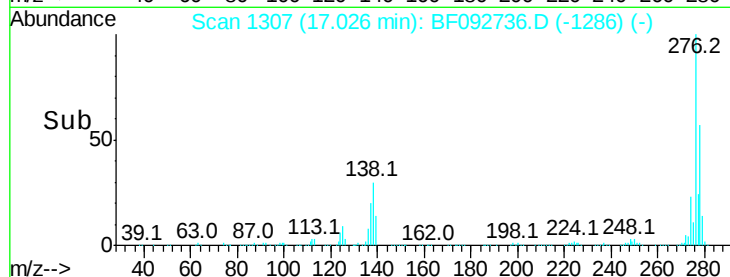
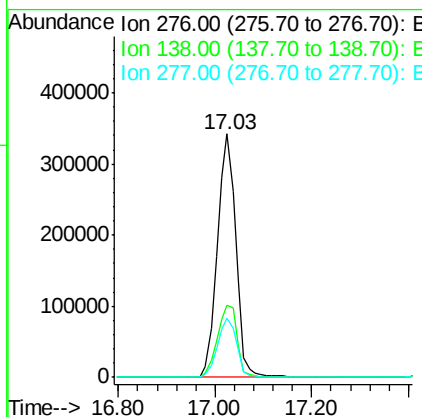
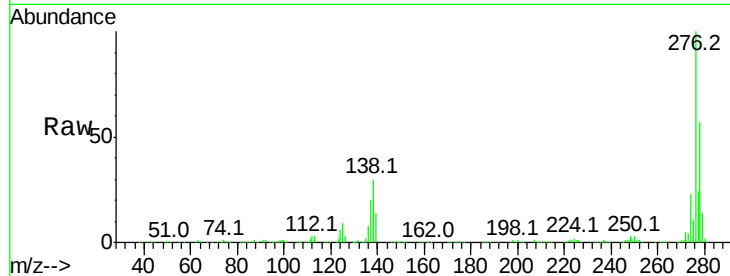
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.95 ng
RT: 17.03 min Scan# 1307
Delta R.T. -0.06 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.9	21.8	32.6
277	24.8	20.2	30.4

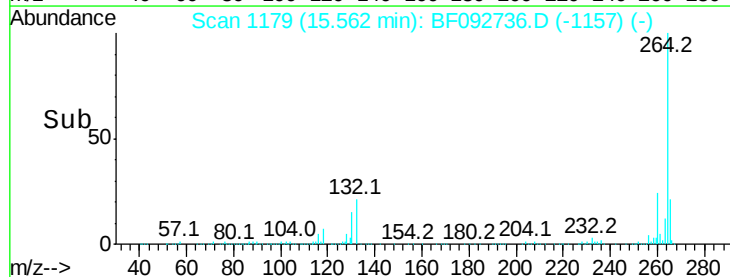
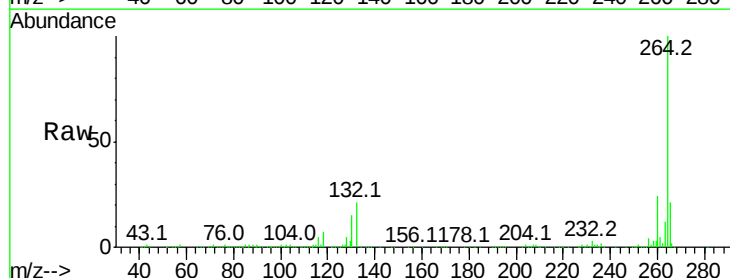
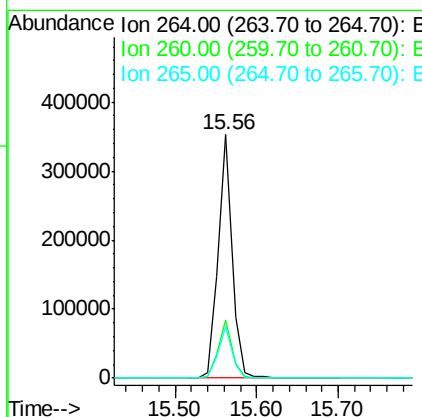
Manual Integrations
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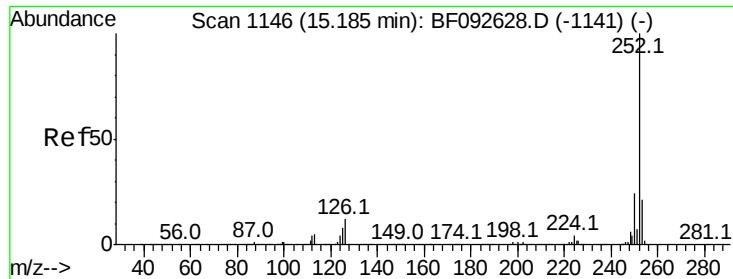
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 37.65 ng

RT: 15.14 min Scan# 1142

Delta R.T. -0.05 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Instrument :

BNA_F

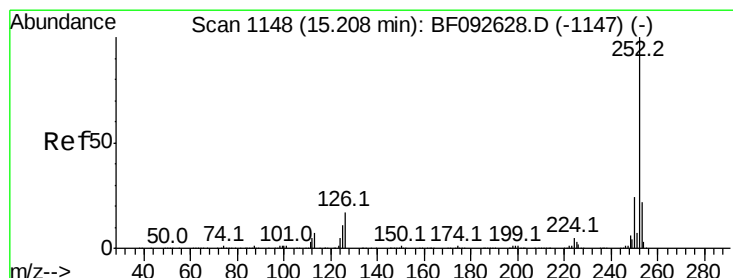
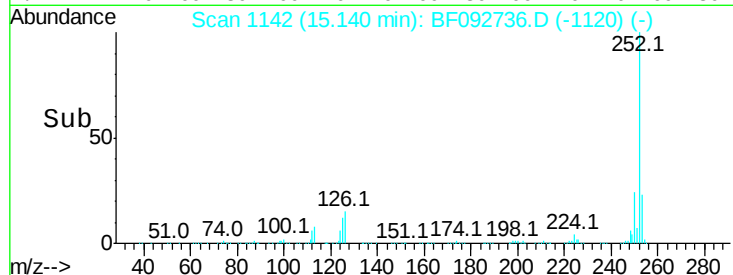
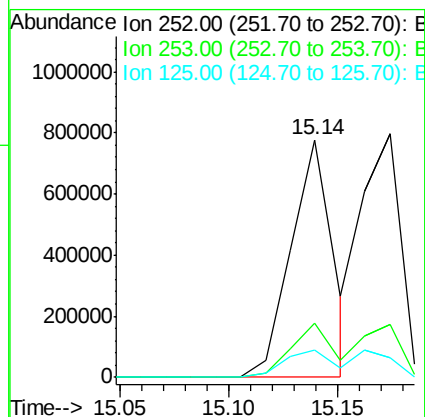
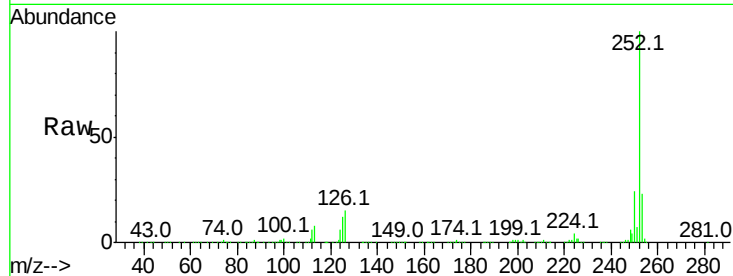
ClientSampleId :

SSTDCCC040

Tot Ion:252	Resp: 1039257		
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.2	27.4
125	11.6	9.8	14.6

Manual Integrations
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2/3/2017 1:22:20 PM



#88

Benzo(k)fluoranthene

Concen: 42.44 ng m

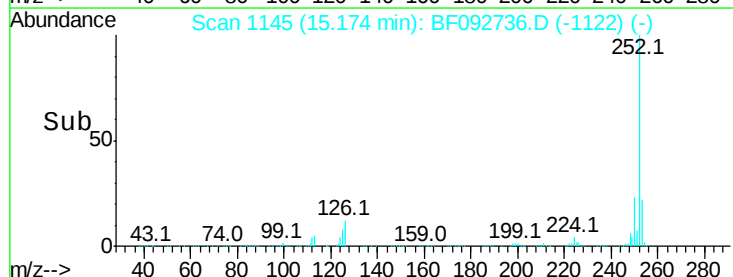
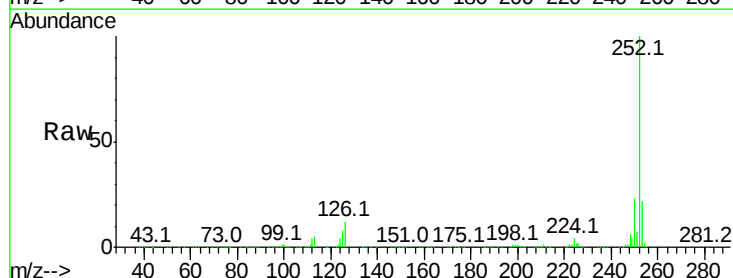
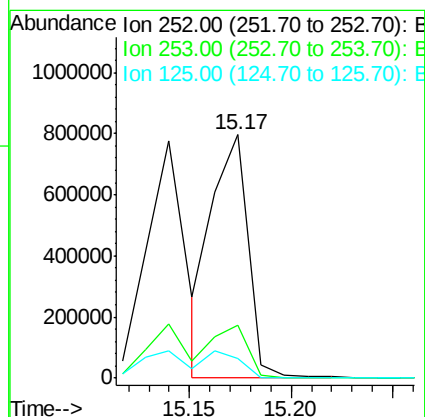
RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF092736.D

Acq: 2 Feb 2017 15:27

Tgt	Ion:252	Resp: 1011305	
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.5	27.7
125	8.2	8.9	13.3#





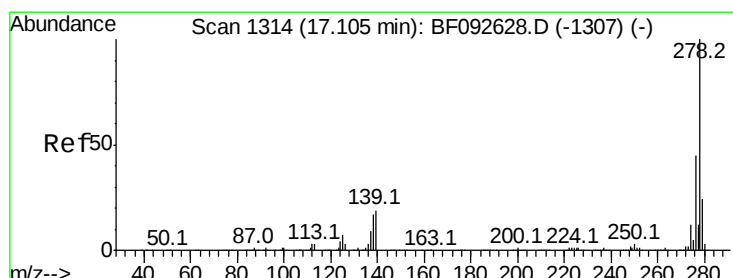
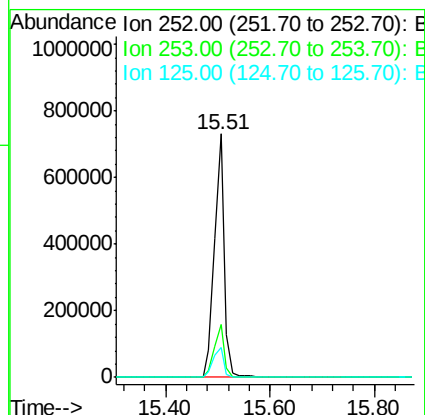
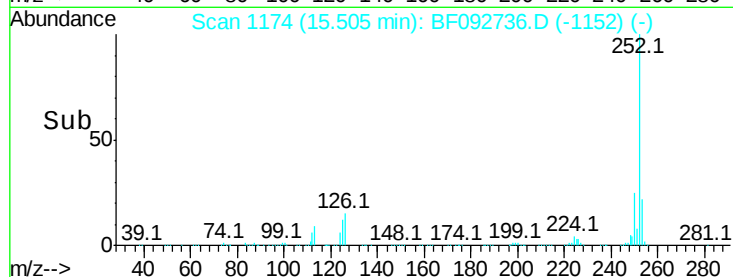
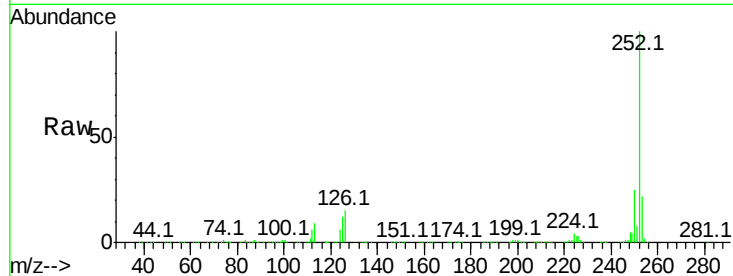
#89
Benzo(a)pyrene
Concen: 40.21 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.2	10.0	15.0

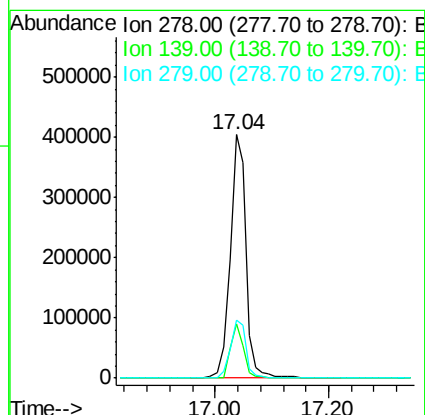
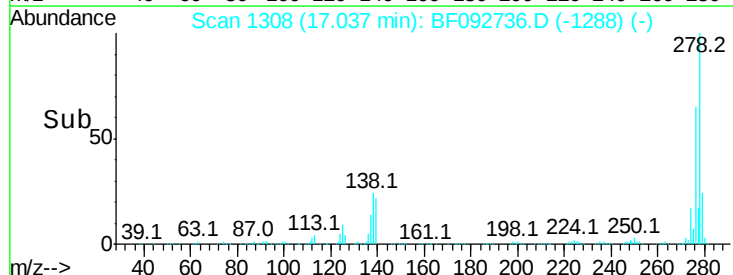
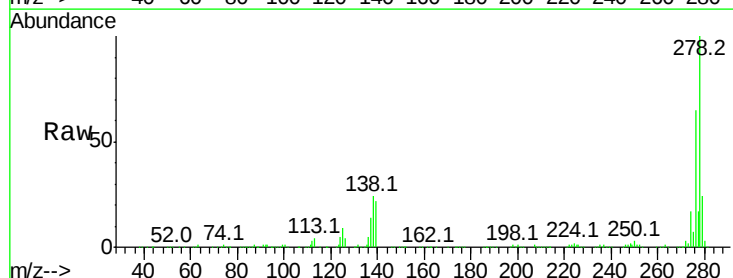
Manual Integrations
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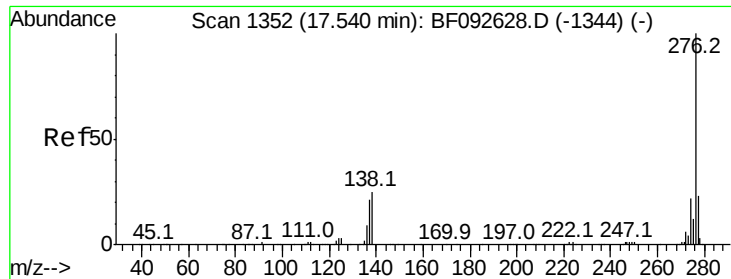
mohammad
2/3/2017 1:22:20 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.80 ng
RT: 17.04 min Scan# 1308
Delta R.T. -0.07 min
Lab File: BF092736.D
Acq: 2 Feb 2017 15:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	14.8	22.2#
279	24.0	19.8	29.6





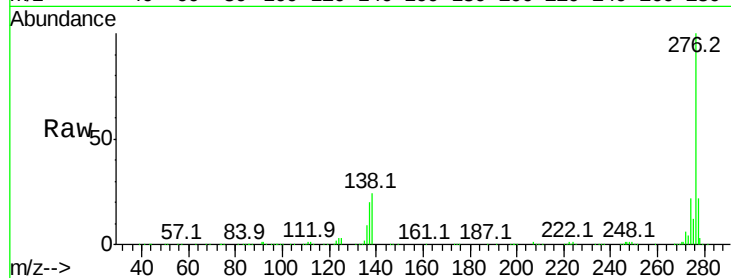
#91
 Benzo(a,h,i)perylene
 Concen: 39.62 ng
 RT: 17.47 min Scan# 1346
 Delta R.T. -0.07 min
 Lab File: BF092736.D
 Acq: 2 Feb 2017 15:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	772230
Ion Ratio	Lower	Upper	
276	100		
277	22.3	19.2	28.8
138	23.9	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/3/2017 1:22:20 PM



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

