

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093349.D
 Acq On : 3 Mar 2017 8:49
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:17:06 PM

Quant Time: Mar 03 09:45:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169415	20.00	ng	-0.06
21) Naphthalene-d8	8.09	136	688043	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	354238	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	576144	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	489817	20.00	ng	-0.05
86) Perylene-d12	15.39	264	386234	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	838800	84.94	ng	-0.07
7) Phenol-d6	6.45	99	1038027	81.70	ng	-0.03
23) Nitrobenzene-d5	7.38	82	1019910	82.55	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	202796	79.15	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1388032	70.99	ng	-0.05
78) Terphenyl-d14	12.92	244	1596736	76.60	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	195379	36.62	ng	# 85
3) Pyridine	2.99	79	582516	42.93	ng	86
4) n-Nitrosodimethylamine	2.94	42	267595	42.00	ng	83
6) Aniline	6.45	93	642701	37.08	ng	# 66
8) 2-Chlorophenol	6.58	128	450541	41.36	ng	90
9) Benzaldehyde	6.34	77	323031	35.49	ng	91
10) Phenol	6.46	94	627733	42.23	ng	89
11) bis(2-Chloroethyl)ether	6.53	93	507687	42.79	ng	96
12) 1,3-Dichlorobenzene	6.73	146	509636	39.94	ng	# 89
13) 1,4-Dichlorobenzene	6.81	146	505388	39.13	ng	99
14) 1,2-Dichlorobenzene	6.97	146	497294	40.27	ng	96
15) Benzyl Alcohol	6.96	79	356152	37.86	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	835125	40.51	ng	80
17) 2-Methylphenol	7.07	107	373392	39.95	ng	# 91
18) Hexachloroethane	7.31	117	176740	40.09	ng	# 86
19) n-Nitroso-di-n-propylamine	7.22	70	323375	39.98	ng	93
20) 3+4-Methylphenols	7.23	107	506506	45.33	ng	# 76
22) Acetophenone	7.22	105	651653	41.48	ng	# 96
24) Nitrobenzene	7.39	77	512267	40.38	ng	99
25) Isophorone	7.63	82	949379	41.24	ng	94
26) 2-Nitrophenol	7.71	139	252987	41.95	ng	96
27) 2,4-Dimethylphenol	7.76	122	368797	34.82	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	661438	43.38	ng	99
29) 2,4-Dichlorophenol	7.96	162	397117	40.20	ng	93
30) 1,2,4-Trichlorobenzene	8.03	180	392639	36.89	ng	94
31) Naphthalene	8.11	128	1238604	35.51	ng	99
32) Benzoic acid	7.92	122	277724	46.54	ng	98
33) 4-Chloroaniline	8.17	127	516579	37.77	ng	# 94
34) Hexachlorobutadiene	8.22	225	208823	35.66	ng	100
35) Caprolactam	8.56	113	126703	40.78	ng	# 32
36) 4-Chloro-3-methylphenol	8.67	107	421867	40.96	ng	98
37) 2-Methylnaphthalene	8.81	142	841772	37.59	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	407833	41.01	ng	99
40) Hexachlorocyclopentadiene	8.96	237	148351	33.07	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	252580	38.66	nq	91
43) 2,4,5-Trichlorophenol	9.15	196	276649	38.64	nq #	84
45) 1,1'-Biphenyl	9.28	154	1058484	41.27	nq	98
46) 2-Chloronaphthalene	9.30	162	771321	38.44	nq	96
47) 2-Nitroaniline	9.40	65	296220	43.91	nq	88
48) Acenaphthylene	9.71	152	1223307	35.29	nq	99
49) Dimethylphthalate	9.58	163	996870	41.78	nq	100
50) 2,6-Dinitrotoluene	9.65	165	243500	47.26	nq	96
51) Acenaphthene	9.88	154	722119	34.84	nq	96
52) 3-Nitroaniline	9.82	138	284210	48.20	nq	91
53) 2,4-Dinitrophenol	9.94	184	48154	22.02	nq #	49
54) Dibenzofuran	10.05	168	953470	34.40	nq	98
55) 4-Nitrophenol	10.01	139	132601	31.22	nq	84
56) 2,4-Dinitrotoluene	10.06	165	265773	38.74	nq #	69
57) Fluorene	10.40	166	803289	37.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	194318	40.69	nq	96
59) Diethylphthalate	10.28	149	929613	41.34	nq	94
60) 4-Chlorophenyl-phenylether	10.40	204	384885	37.57	nq #	71
61) 4-Nitroaniline	10.44	138	266316	44.09	nq	81
62) Azobenzene	10.54	77	991210	42.67	nq	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	101030	29.88	nq	90
65) n-Nitrosodiphenylamine	10.51	169	701920	38.14	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	225238	37.42	nq	94
67) Hexachlorobenzene	10.94	284	230841	38.81	nq #	74
68) Atrazine	11.05	200	266597	45.14	nq	97
69) Pentachlorophenol	11.15	266	113531	40.85	nq	96
70) Phenanthrene	11.36	178	1248437	37.82	nq	99
71) Anthracene	11.41	178	1299647	39.21	nq	98
72) Carbazole	11.57	167	1207848	38.12	nq	99
73) Di-n-butylphthalate	11.89	149	1368654	39.94	nq	98
74) Fluoranthene	12.55	202	1282662	37.67	nq	98
76) Benzidine	12.68	184	664579	31.84	nq	96
77) Pyrene	12.77	202	1333669	36.38	nq	99
79) Butylbenzylphthalate	13.39	149	634137	42.60	nq	94
80) Benzo(a)anthracene	13.96	228	1202386	40.14	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	370370	34.68	nq	99
82) Chrysene	14.01	228	1225967	43.71	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	952791	46.80	nq #	96
84) Di-n-octyl phthalate	14.56	149	1487586	44.88	nq	97
85) Indeno(1,2,3-cd)pyrene	16.80	276	830269	38.22	nq #	94
87) Benzo(b)fluoranthene	14.99	252	1019883m	40.12	nq	
88) Benzo(k)fluoranthene	15.03	252	1045006m	47.61	nq	
89) Benzo(a)pyrene	15.35	252	930352	42.31	nq #	96
90) Dibenzo(a,h)anthracene	16.80	278	714285	40.19	nq	97
91) Benzo(g,h,i)perylene	17.21	276	741986	41.33	nq #	90

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

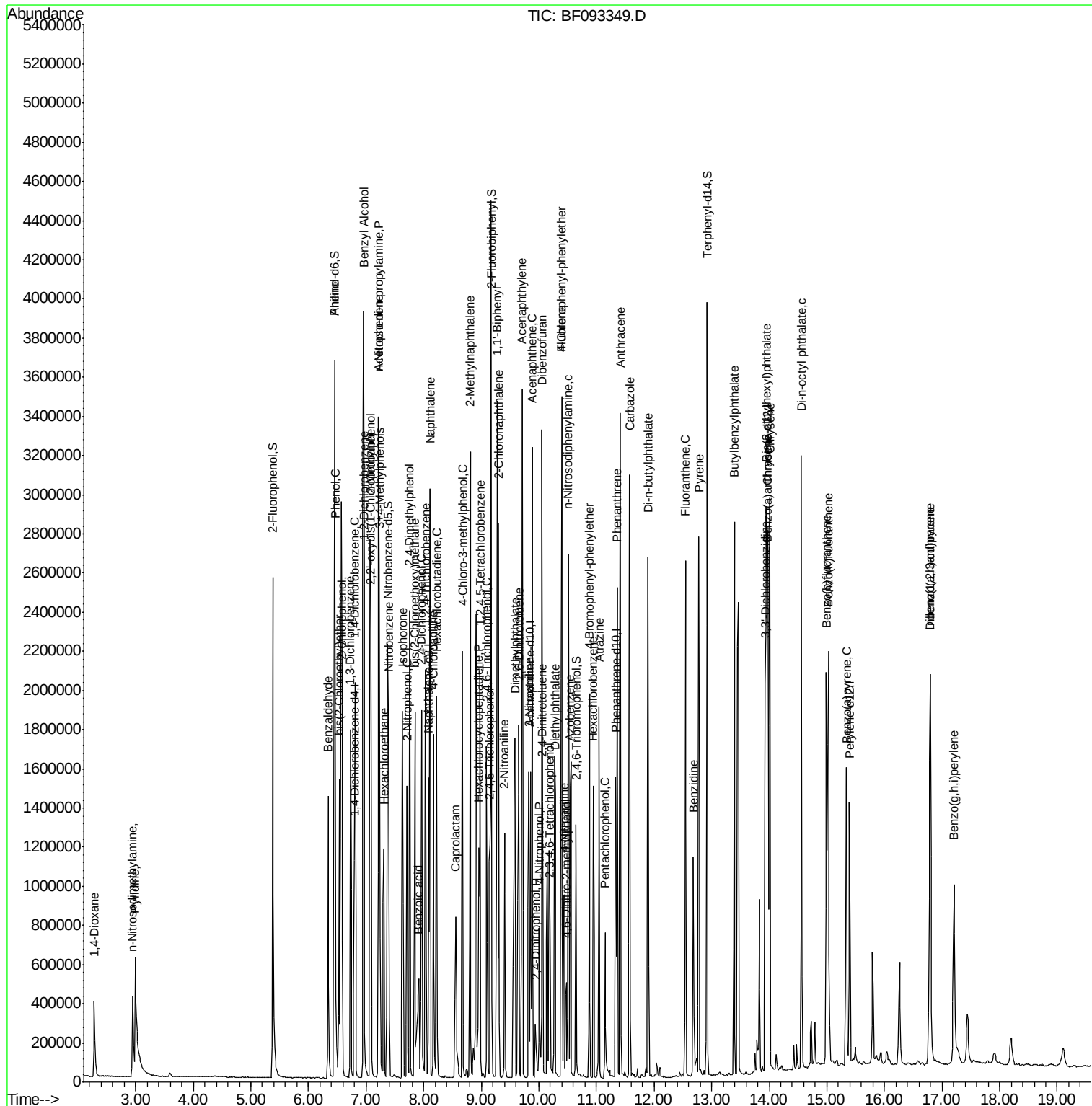
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\  
Data File : BF093349.D  
Acq On    : 3 Mar 2017    8:49  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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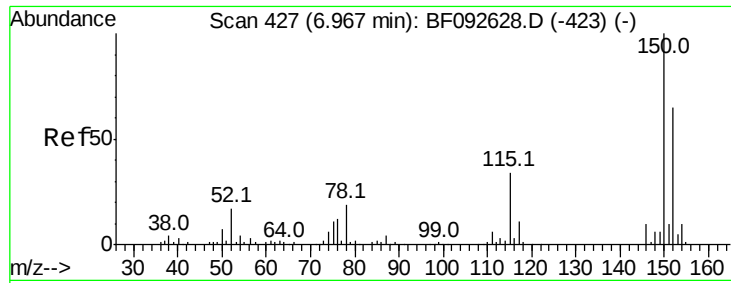
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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#1

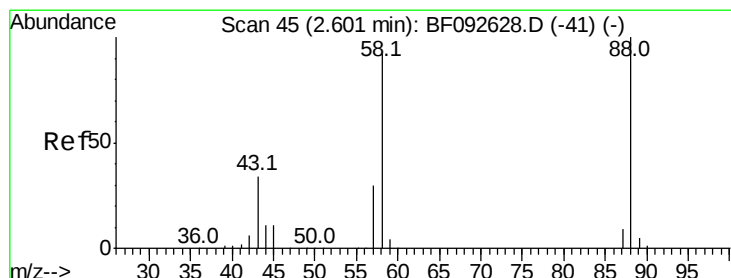
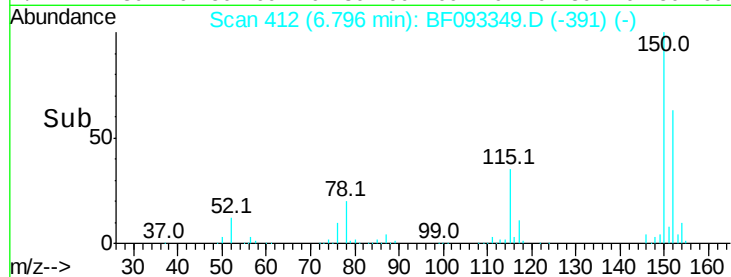
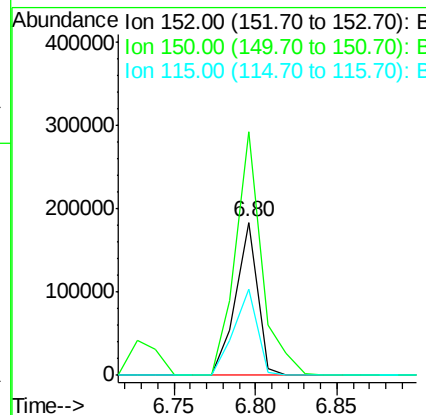
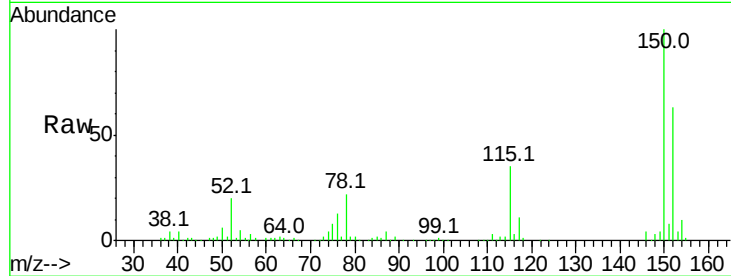
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.9	187.3
115	56.1	46.0	69.0

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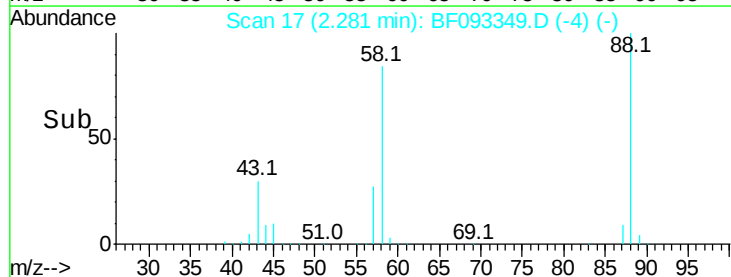
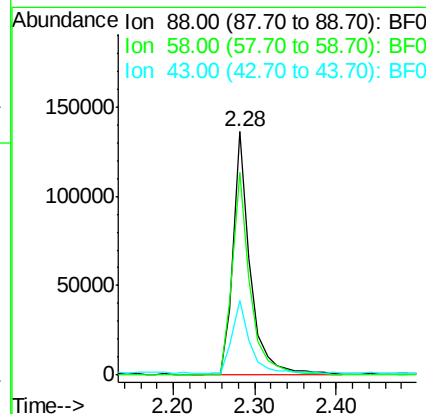
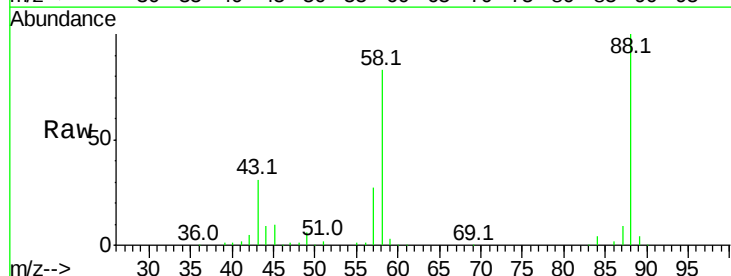
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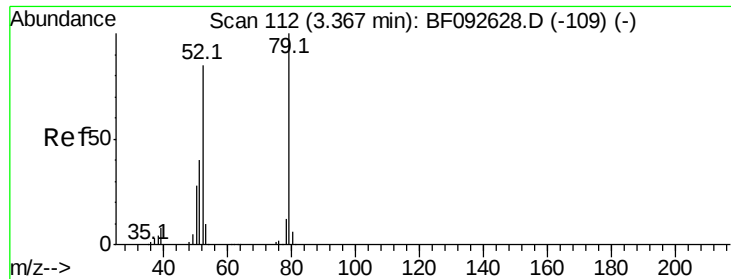


#2

1,4-Dioxane
Concen: 36.62 ng
RT: 2.28 min Scan# 17
Delta R.T. -0.15 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	57.8	86.8#
43	31.0	22.3	33.5





#3

Pvridine

Concen: 42.93 ng

RT: 2.99 min Scan# 79

Delta R.T. -0.16 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

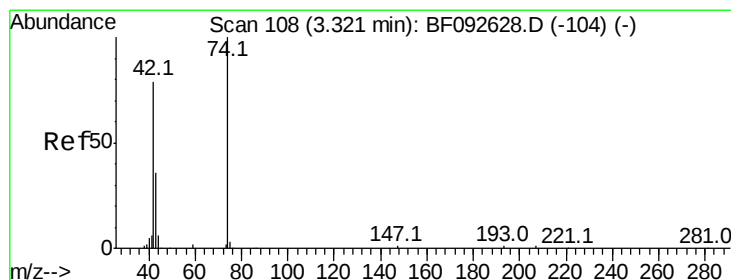
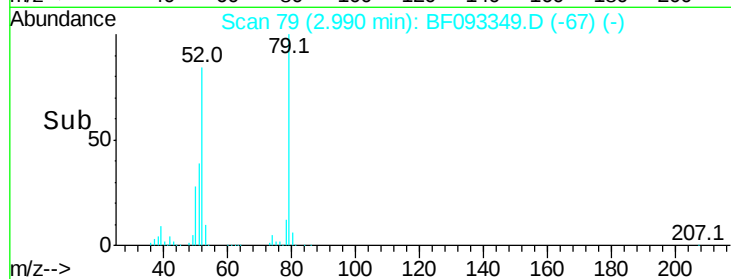
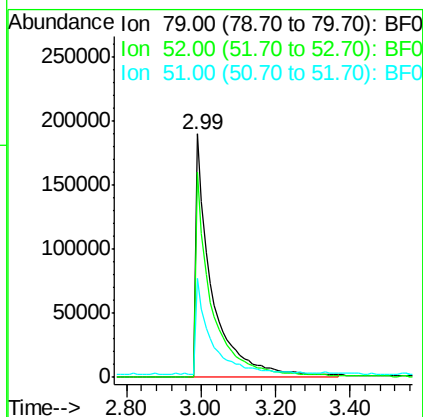
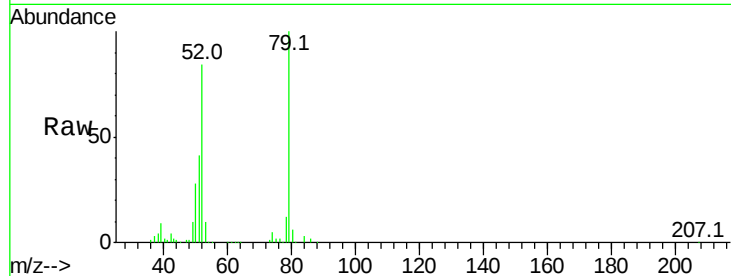
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	582516
Ion Ratio	Lower	Upper	
79	100		
52	84.3	57.1	85.7
51	40.6	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 42.00 ng

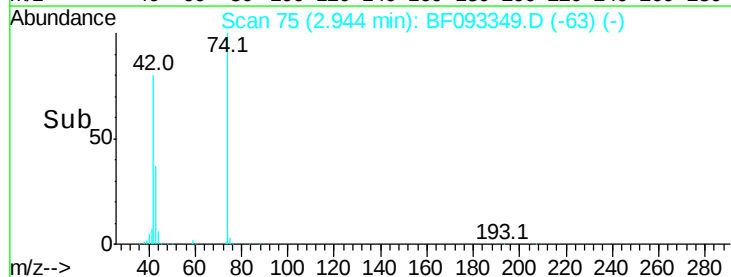
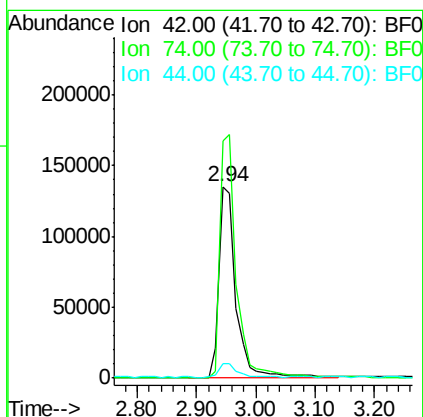
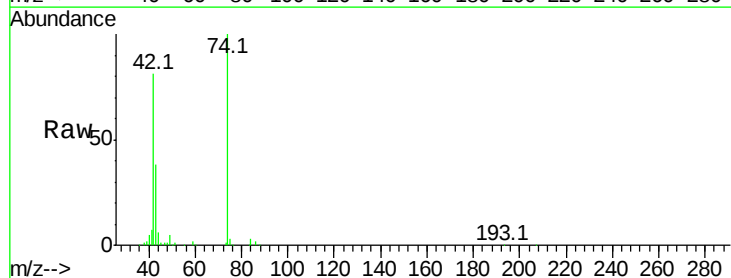
RT: 2.94 min Scan# 75

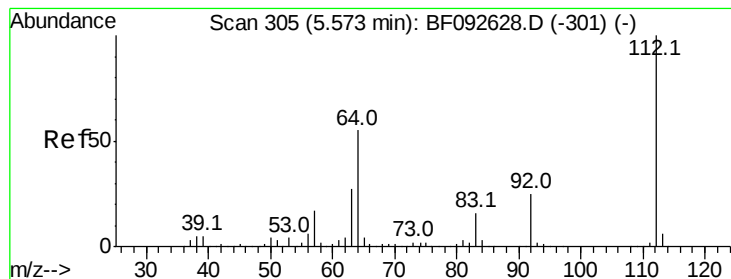
Delta R.T. -0.16 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:	42	Resp:	267595
Ion Ratio	Lower	Upper	
42	100		
74	124.0	117.0	175.4
44	7.9	5.5	8.3





#5

2-Fluorophenol

Concen: 84.94 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

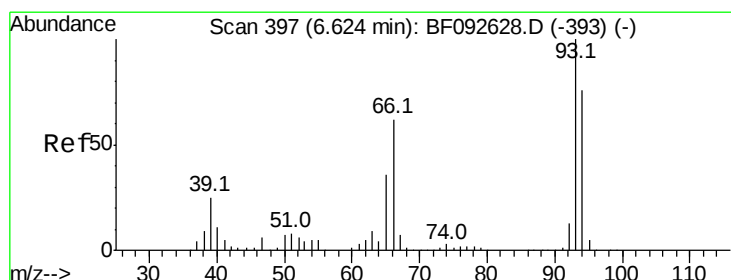
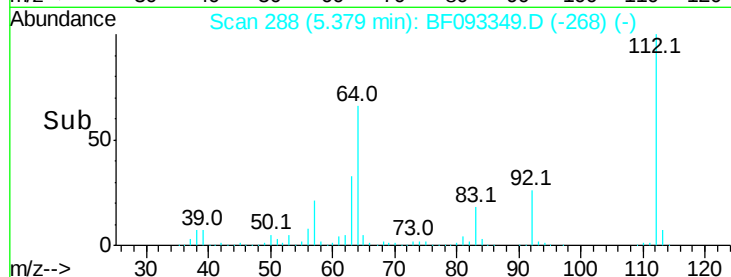
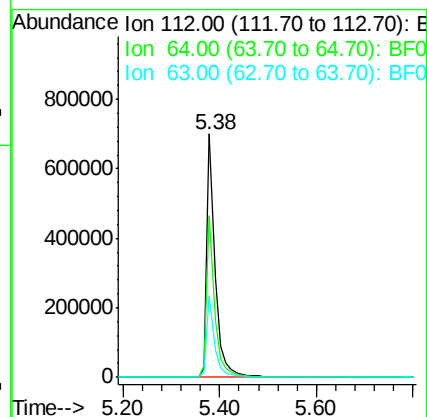
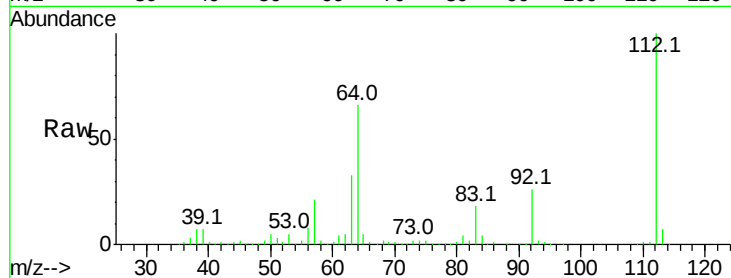
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	838800
Ion Ratio	Lower	Upper	
112	100		
64	66.2	46.1	69.1
63	33.4	23.8	35.6

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#6

Aniline

Concen: 37.08 ng

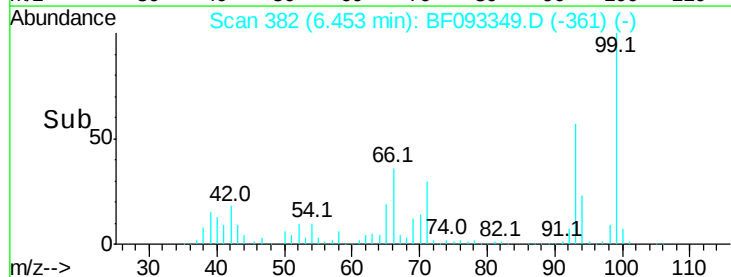
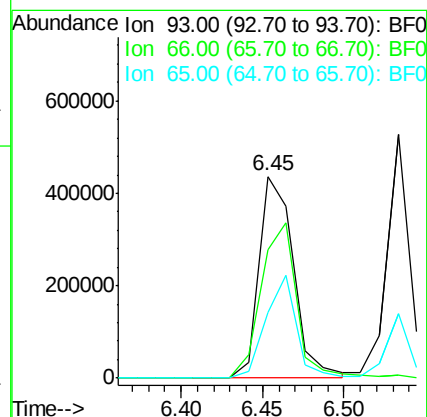
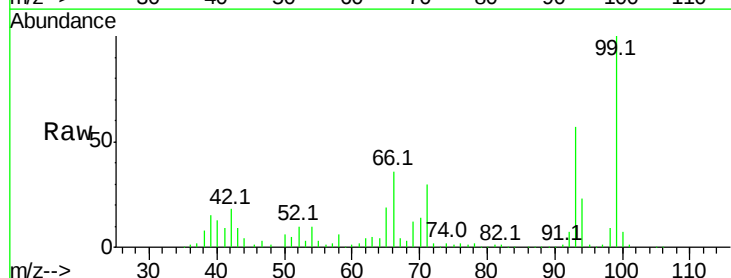
RT: 6.45 min Scan# 382

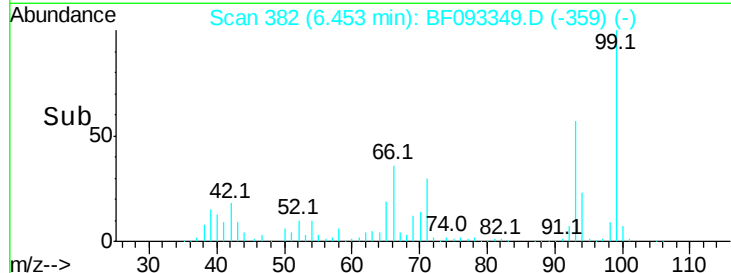
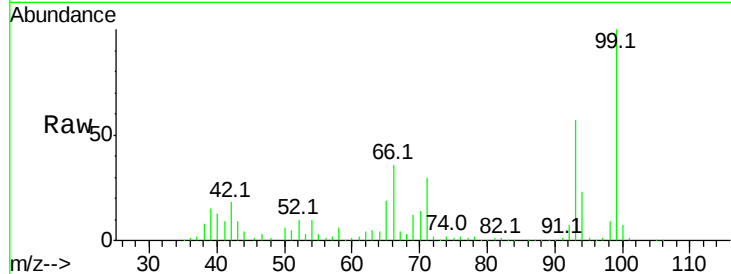
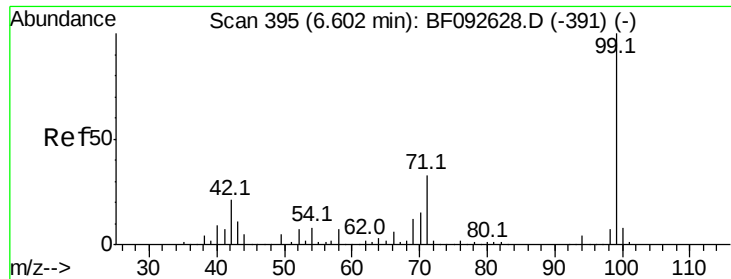
Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:	93	Resp:	642701
Ion Ratio	Lower	Upper	
93	100		
66	63.7	76.2	114.2#
65	32.8	49.3	73.9#





#7

Phenol-d6

Concen: 81.70 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tot Ion: 99 Resp: 1038027

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 29.7 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

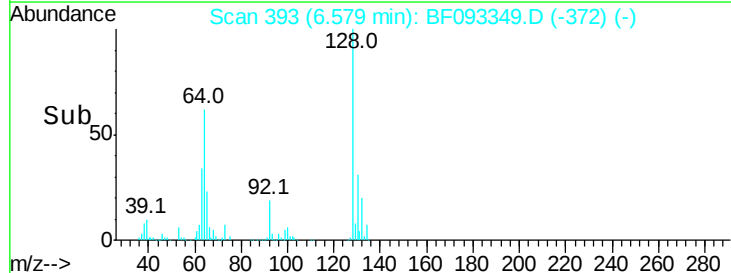
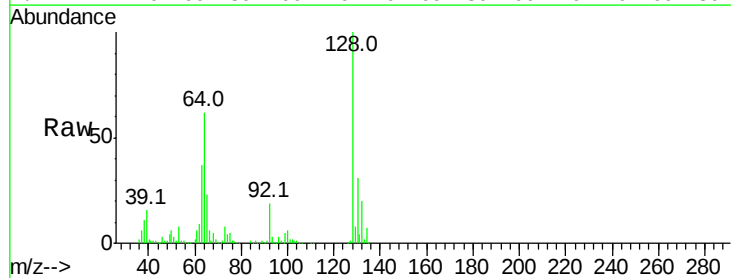
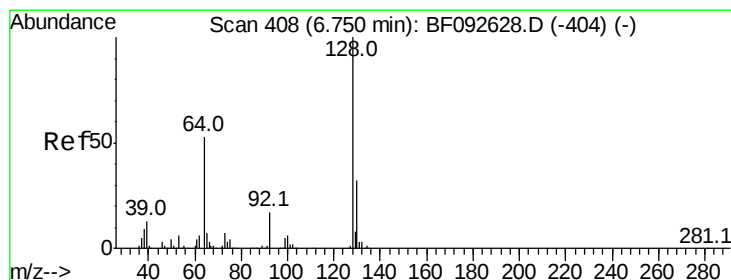
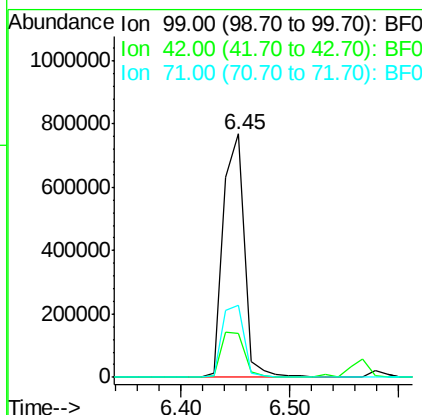
SSTDCCC040

Manual Integrations

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#8

2-Chlorophenol

Concen: 41.36 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

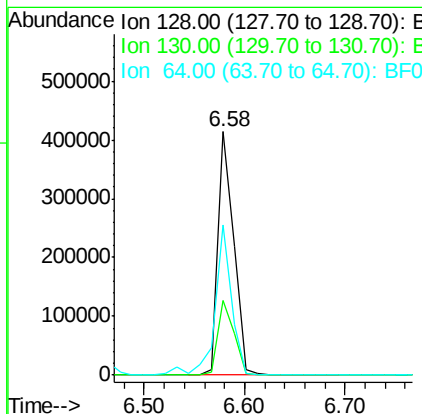
Tgt Ion:128 Resp: 450541

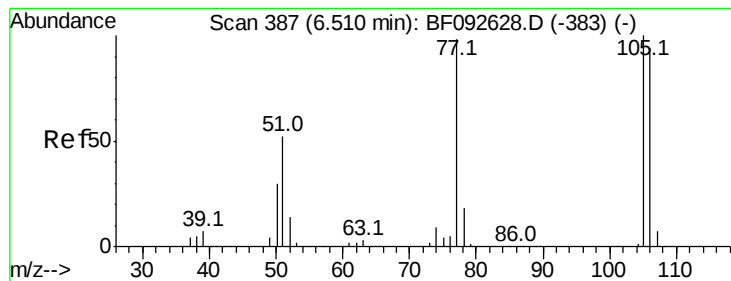
Ion Ratio Lower Upper

128 100

130 30.6 12.3 52.3

64 61.8 32.2 72.2





#9

Benzaldehyde

Concen: 35.49 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

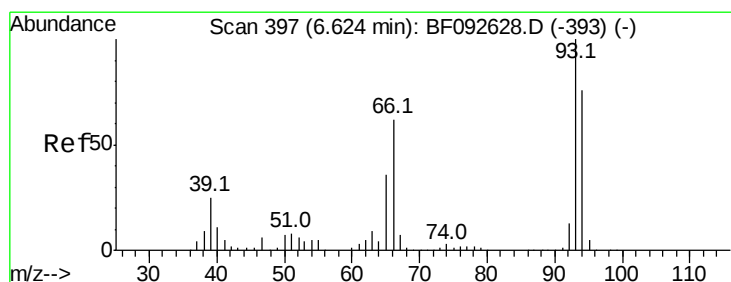
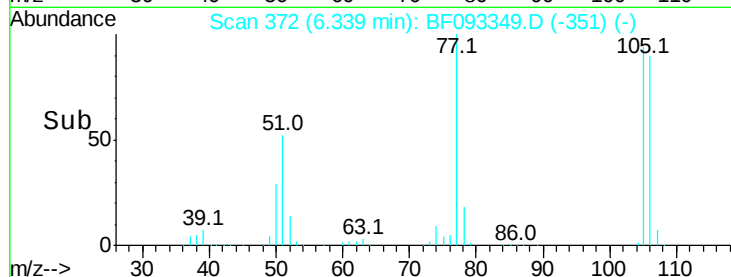
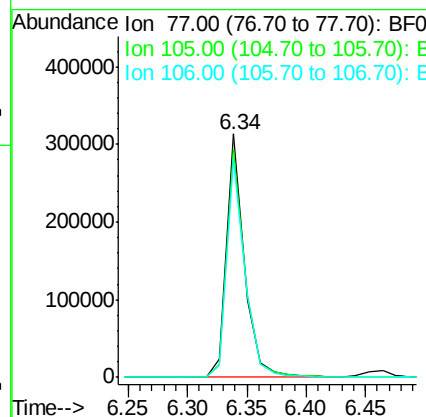
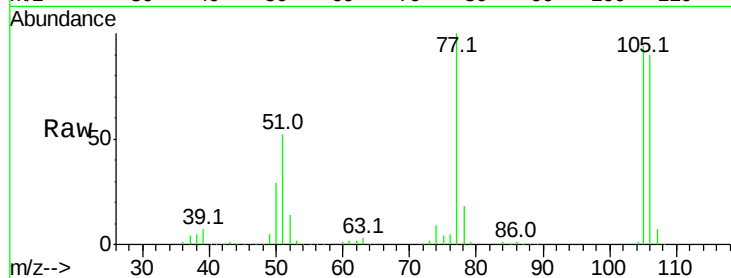
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	323031
Ion Ratio	Lower	Upper	
77	100		
105	93.5	83.9	123.9
106	89.8	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 42.23 ng

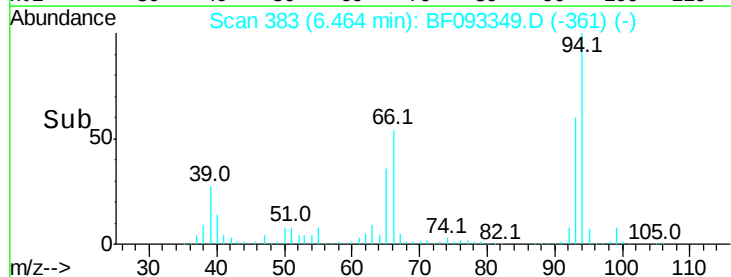
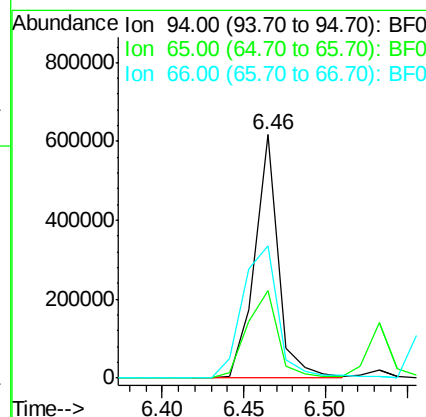
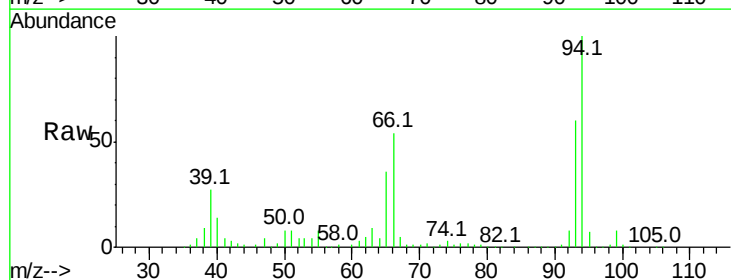
RT: 6.46 min Scan# 383

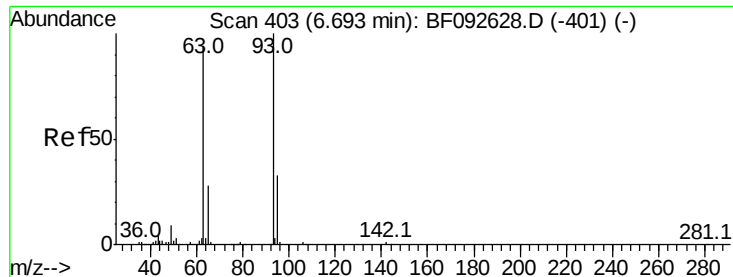
Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:	94	Resp:	627733
Ion Ratio	Lower	Upper	
94	100		
65	35.9	21.4	61.4
66	54.3	44.0	84.0





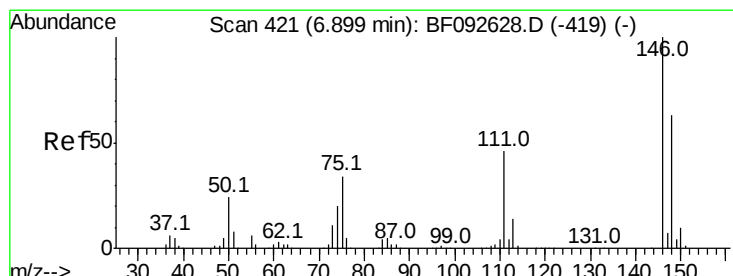
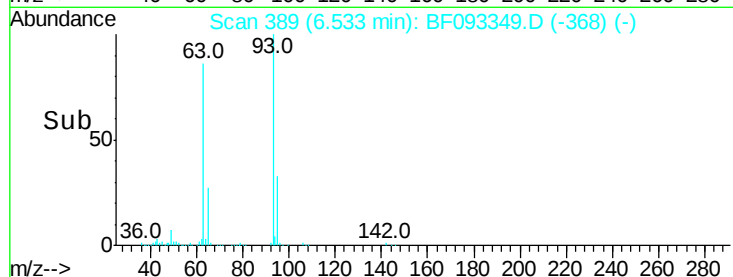
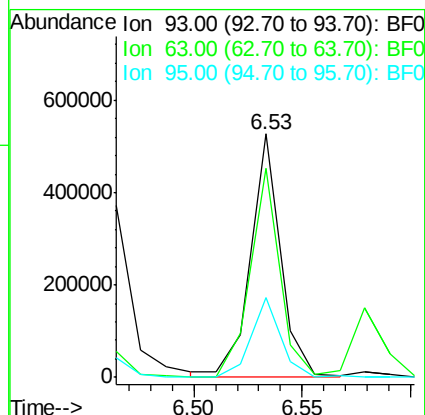
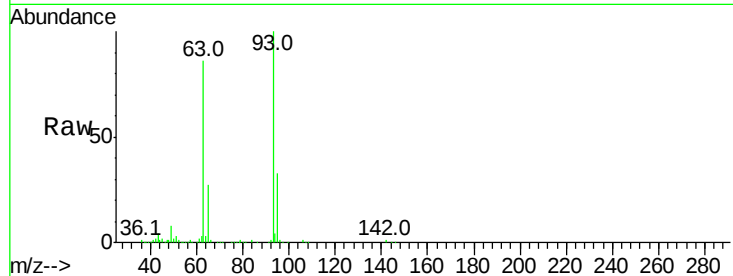
#11
bis(2-Chloroethyl)ether
Concen: 42.79 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	60.4	100.4
95	32.6	12.8	52.8

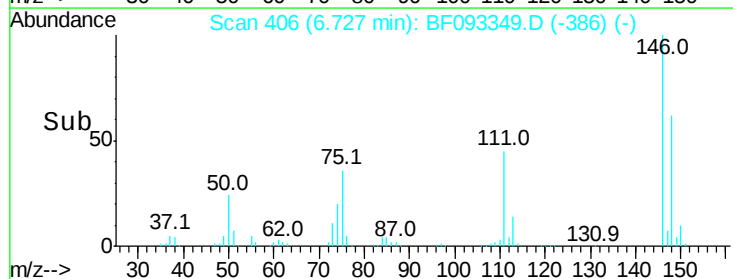
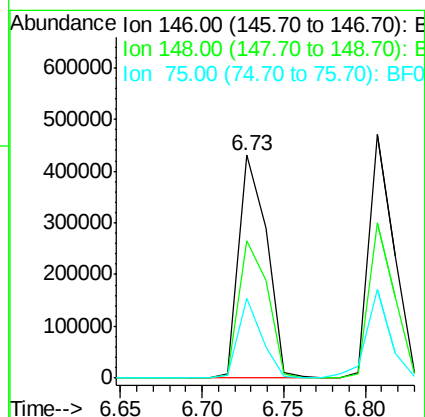
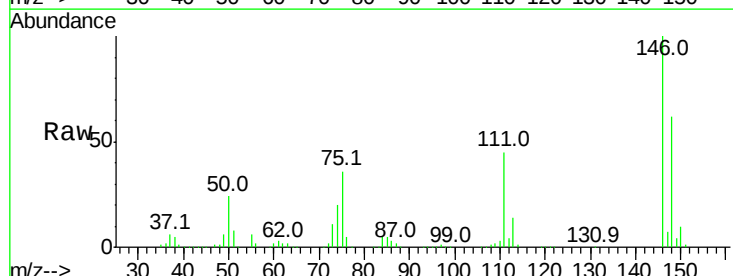
Manual Integrations
APPROVED

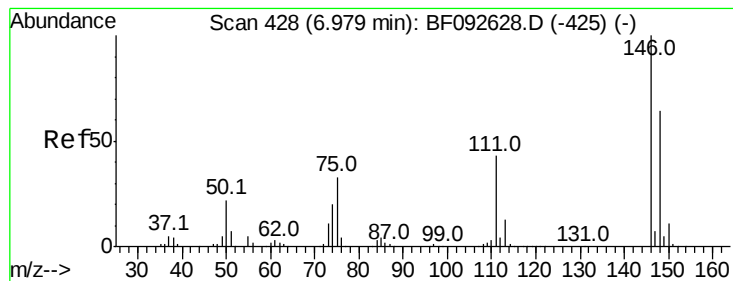
mohammad
3/3/2017 5:17:06 PM



#12
1,3-Dichlorobenzene
Concen: 39.94 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.07 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	53.4	80.0
75	35.6	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 39.13 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.07 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

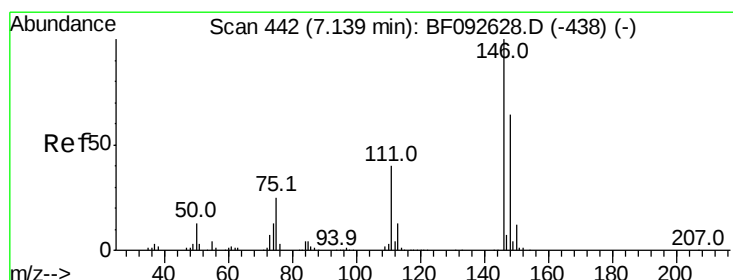
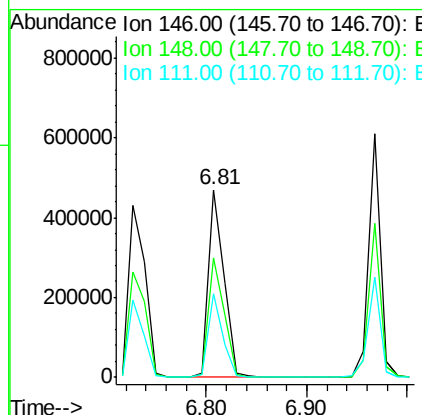
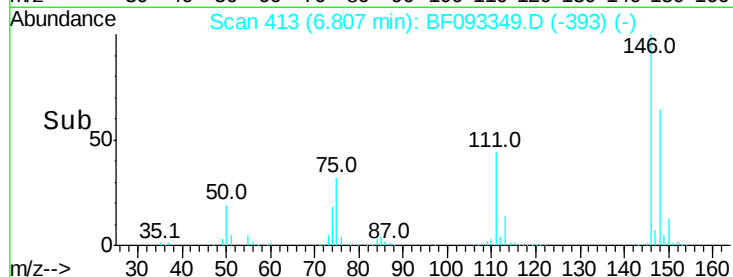
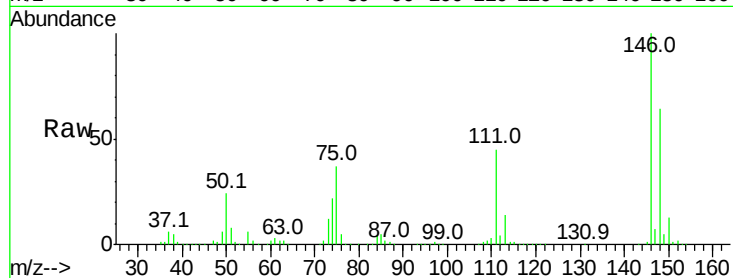
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	505388
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	76.0
111	44.6	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.27 ng

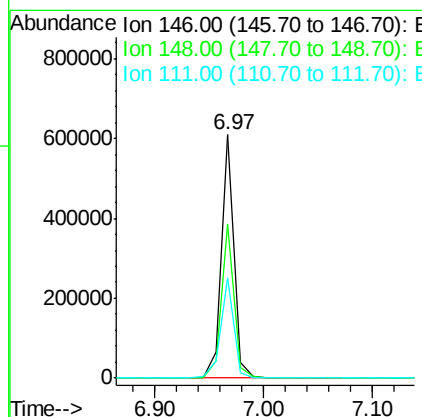
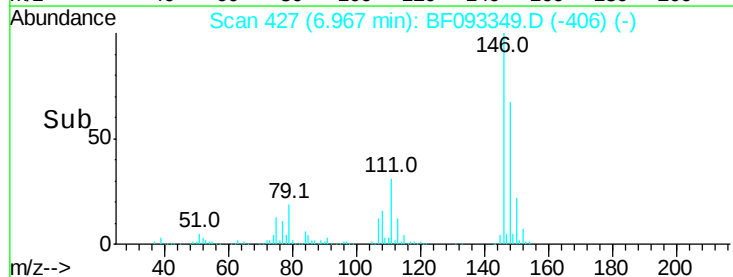
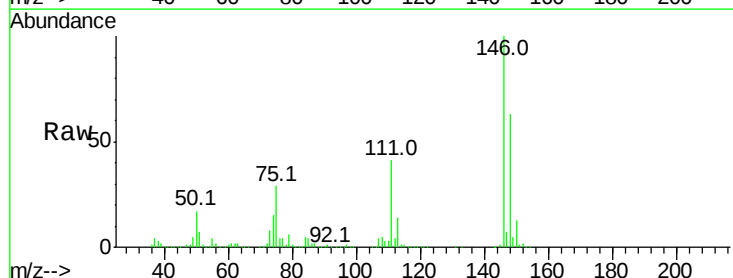
RT: 6.97 min Scan# 427

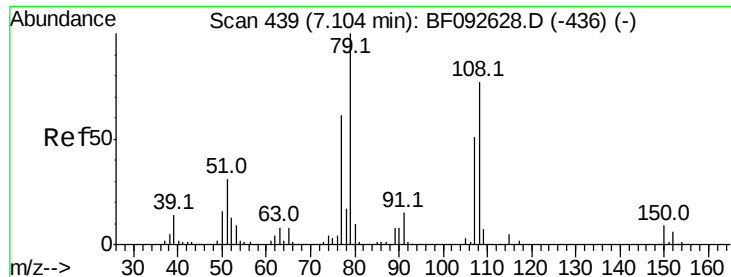
Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:	146	Resp:	497294
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.2
111	41.1	36.2	54.2





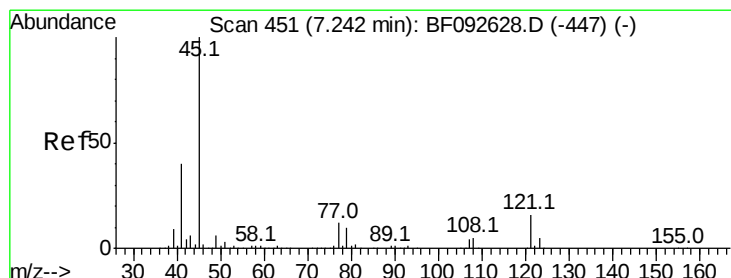
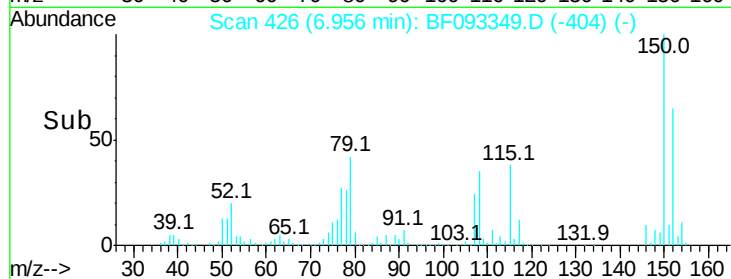
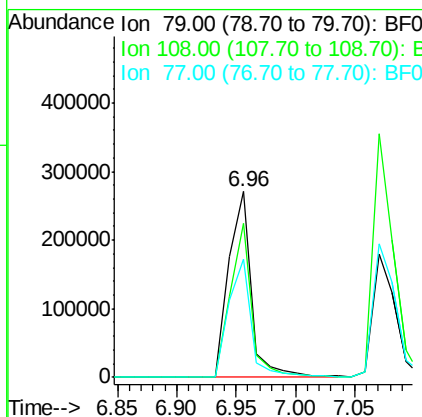
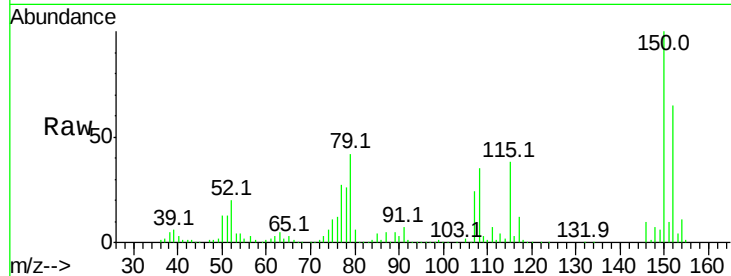
#15
Benzyl Alcohol
Concen: 37.86 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	61.4	92.0
77	63.7	50.9	76.3

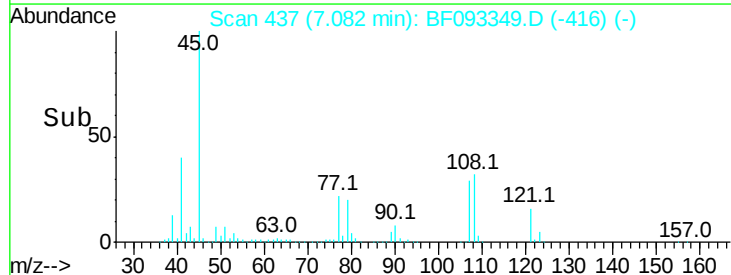
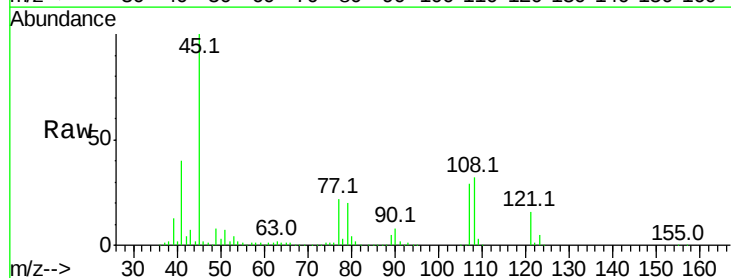
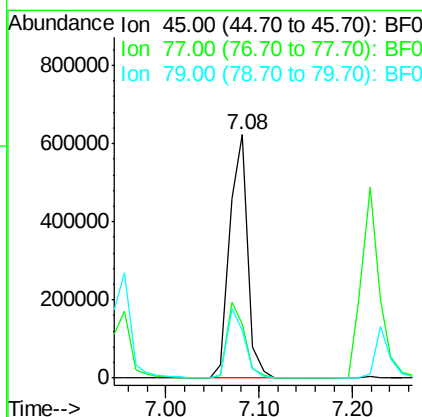
Manual Integrations
APPROVED

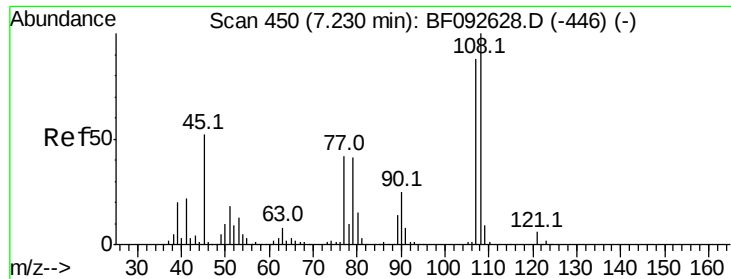
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.51 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.4	0.0	34.6
79	19.8	0.0	31.2





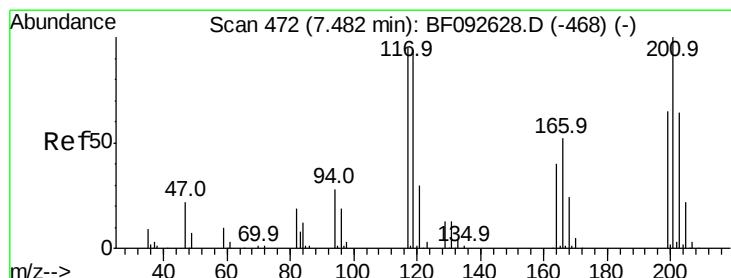
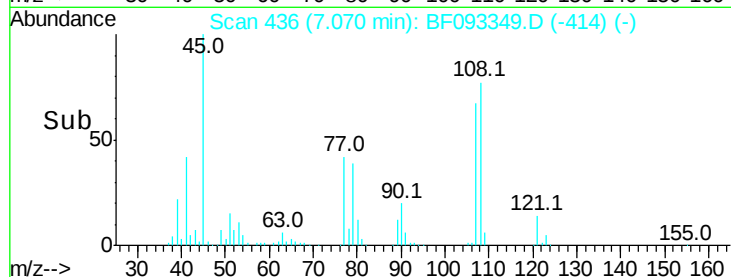
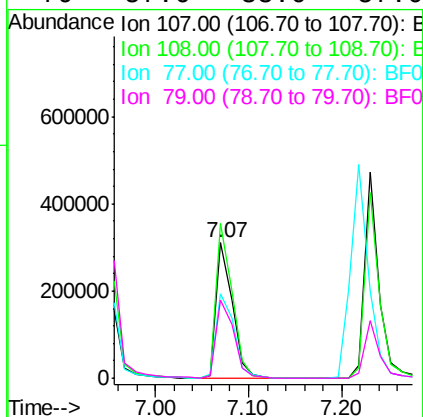
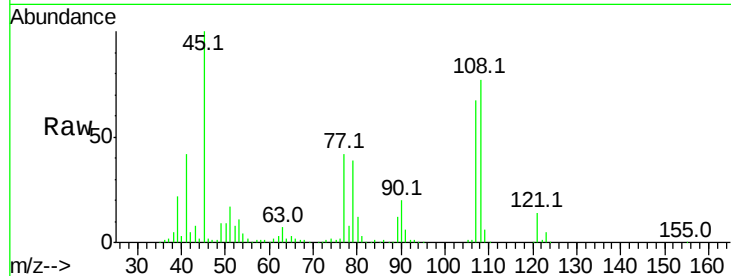
#17
2-Methylphenol
Concen: 39.95 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	114.3	93.0	139.6
77	62.8	39.8	59.8#
79	57.6	38.0	57.0#

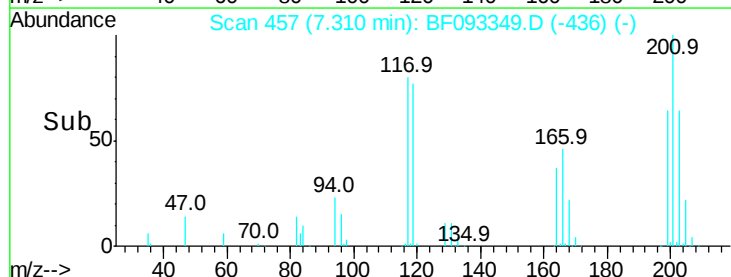
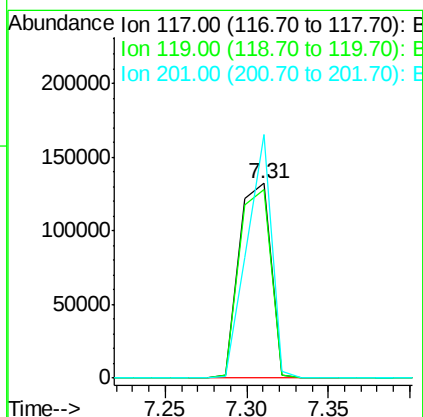
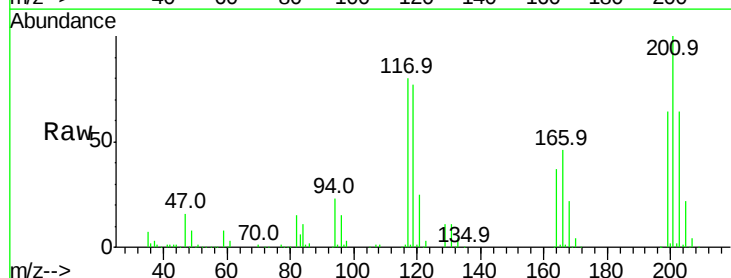
Manual Integrations
APPROVED

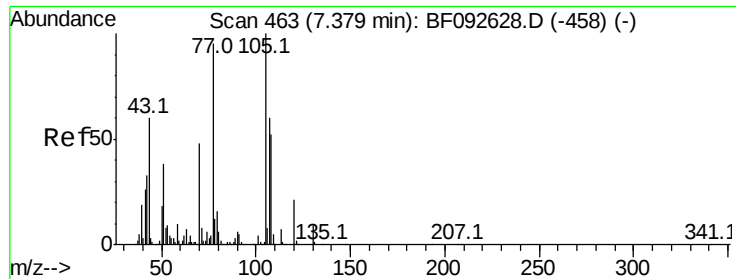
mohammad
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#18
Hexachloroethane
Concen: 40.09 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.7	78.1	117.1
201	125.2	78.6	117.8#





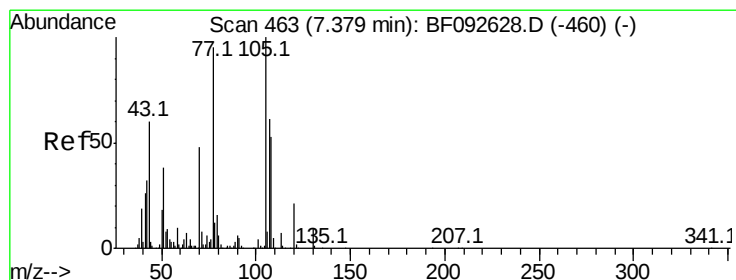
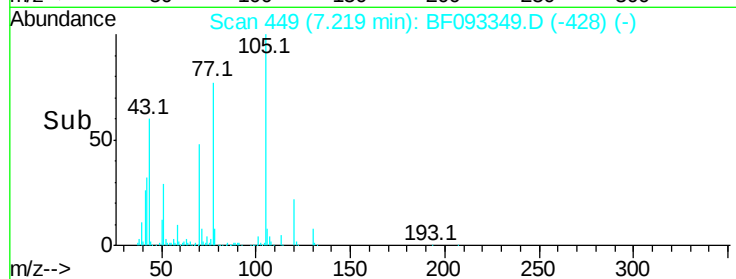
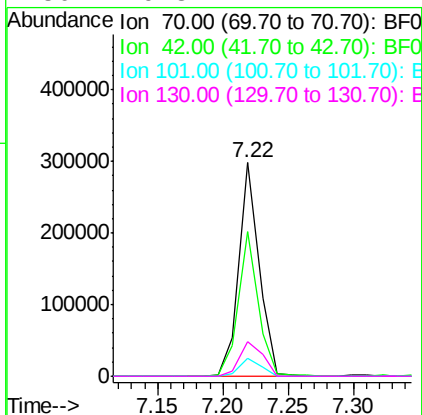
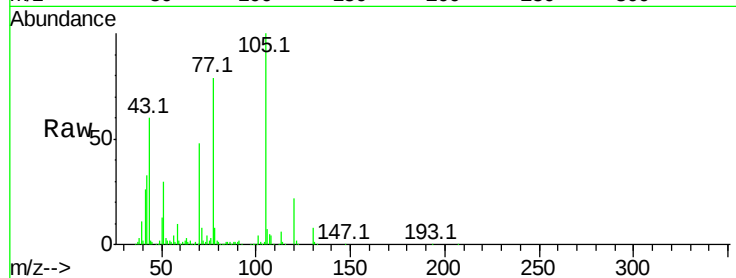
#19
n-Nitroso-di-n-propylamine
Concen: 39.98 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.0	49.4	74.0
101	8.1	7.4	11.2
130	16.3	14.2	21.4

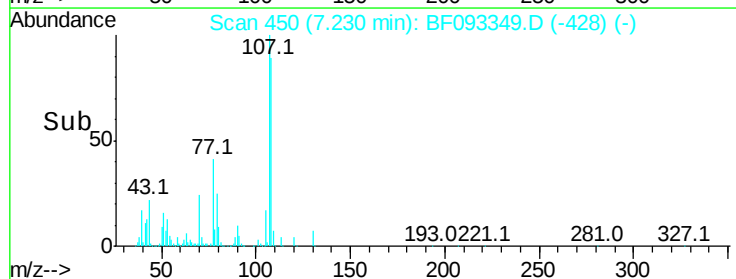
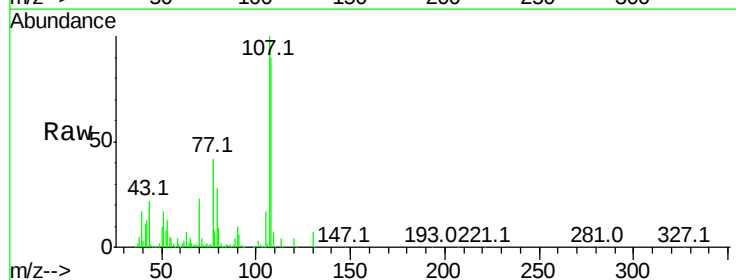
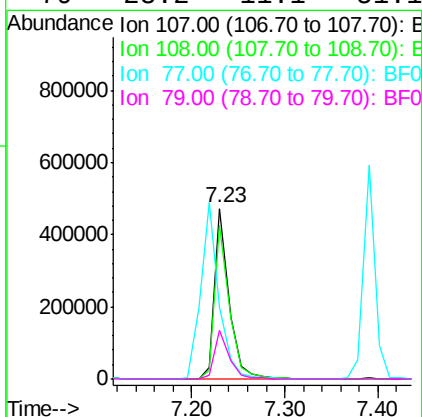
Manual Integrations
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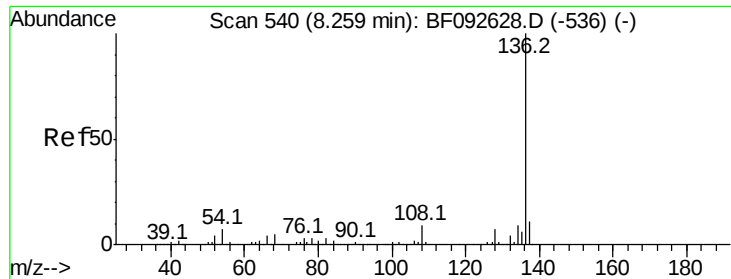
mohammad
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#20
3+4-Methylphenols
Concen: 45.33 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	73.0	113.0
77	42.2	71.3	111.3#
79	28.2	11.1	51.1





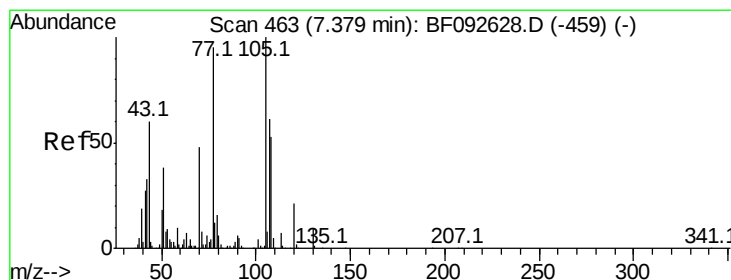
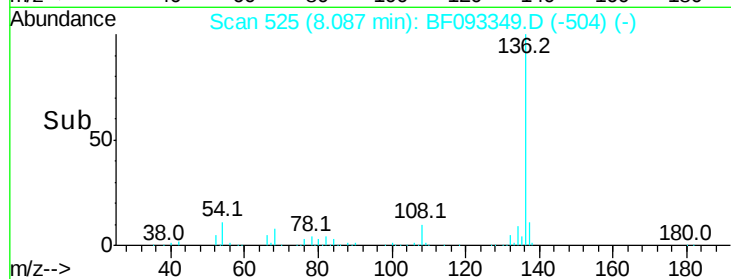
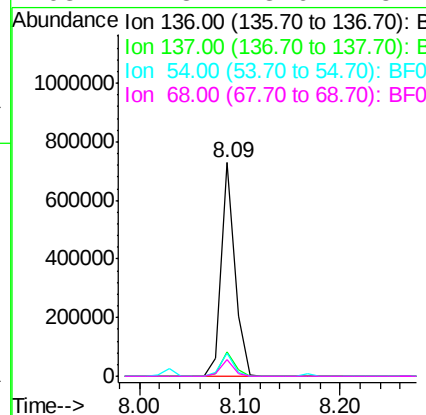
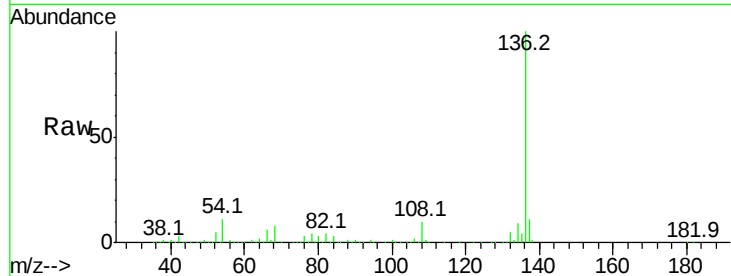
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		688043		
137	11.5	8.4	12.6		
54	10.7	4.5	6.7#		
68	7.8	3.6	5.4#		

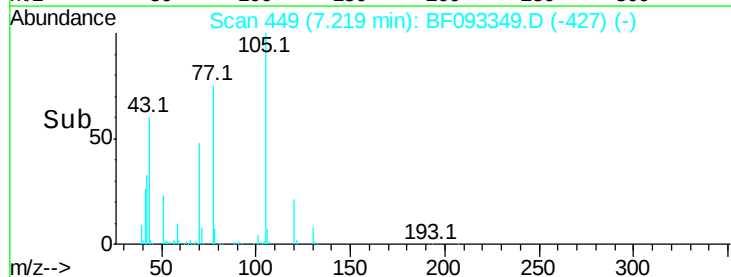
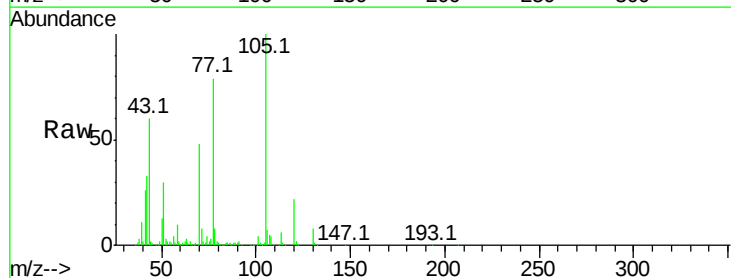
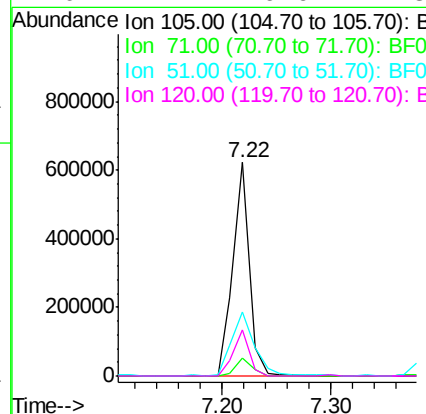
Manual Integrations
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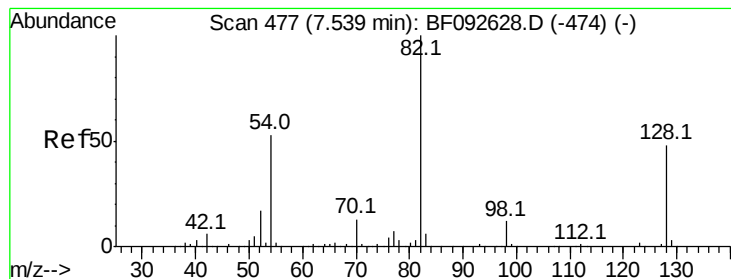
mohammad
3/3/2017 5:17:06 PM



#22
Acetophenone
Concen: 41.48 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		651653		
71	8.2	3.2	4.8#		
51	30.0	26.2	39.4		
120	21.7	16.6	24.8		





#23

Nitrobenzene-d5

Concen: 82.55 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1019910

Ion Ratio Lower Upper

82 100

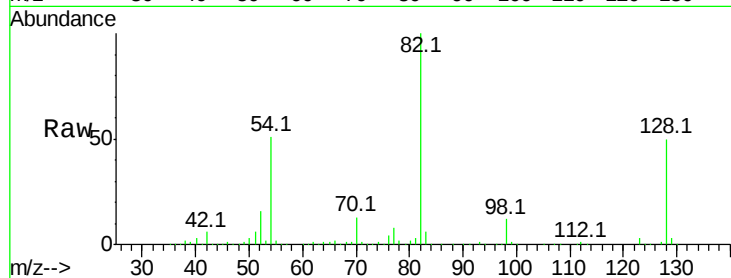
128 49.9 34.6 52.0

54 51.5 39.5 59.3

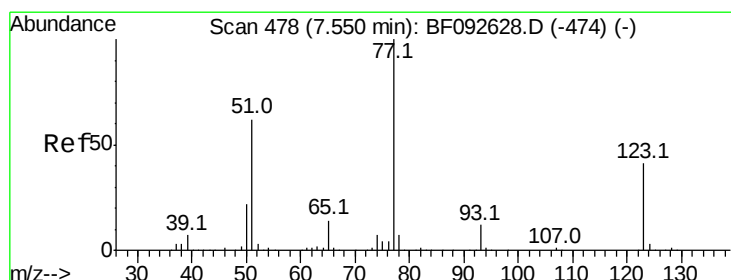
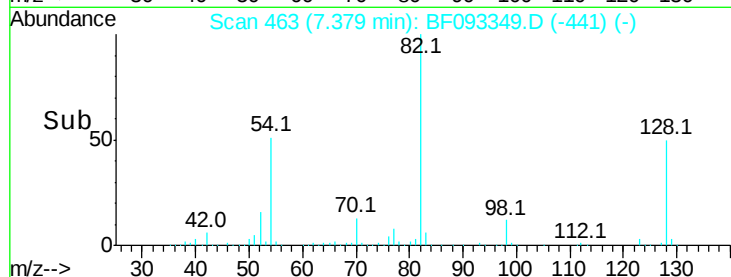
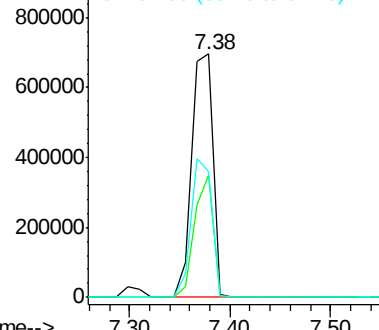
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.38 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

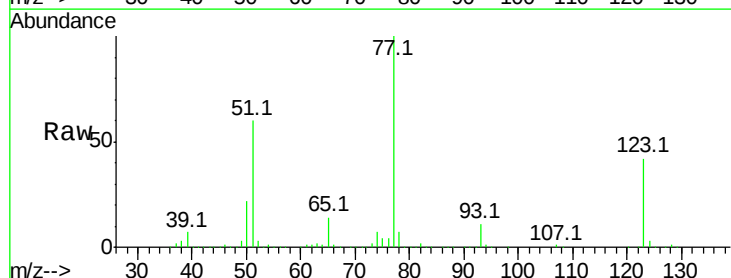
Tgt Ion: 77 Resp: 512267

Ion Ratio Lower Upper

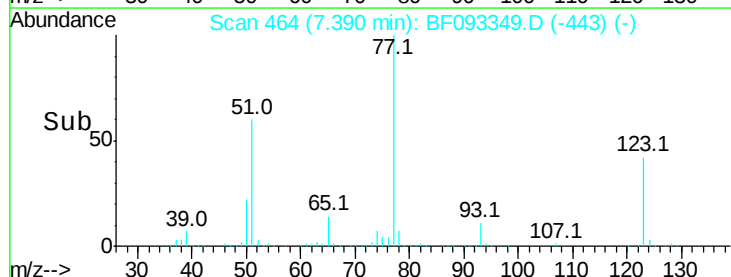
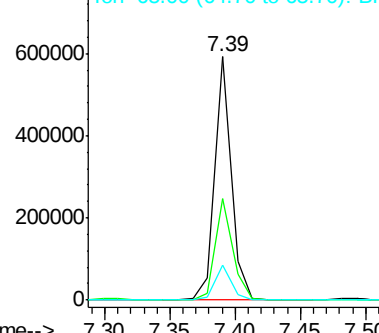
77 100

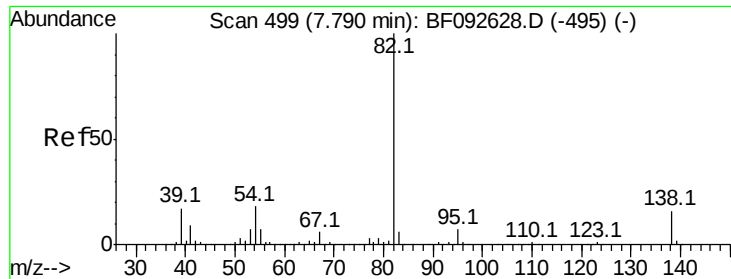
123 41.6 33.0 49.4

65 14.3 11.2 16.8



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





#25

Isophorone

Concen: 41.24 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

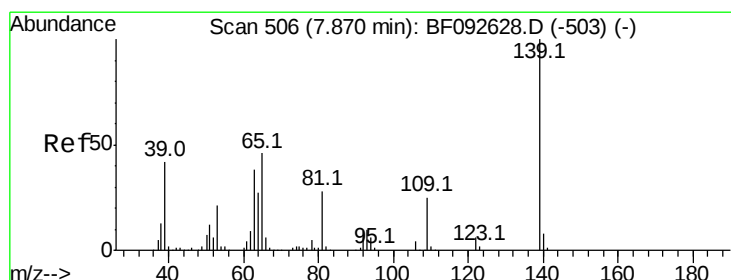
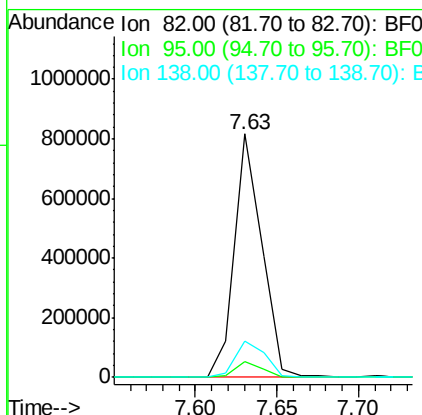
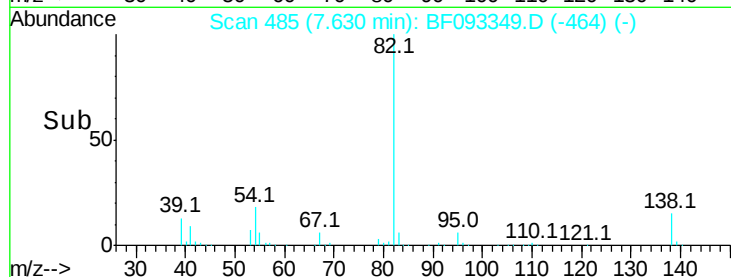
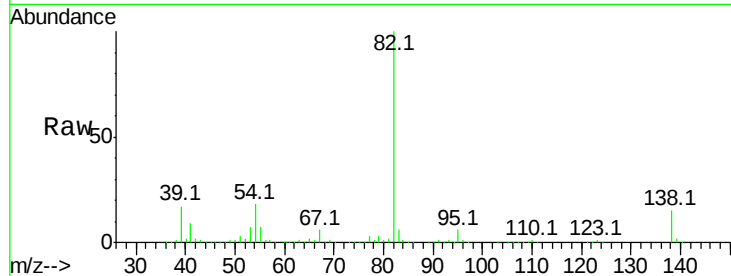
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	949379
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.6	8.4
138	14.6	14.6	22.0

Manual Integrations
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3/3/2017 5:17:06 PM



#26

2-Nitrophenol

Concen: 41.95 ng

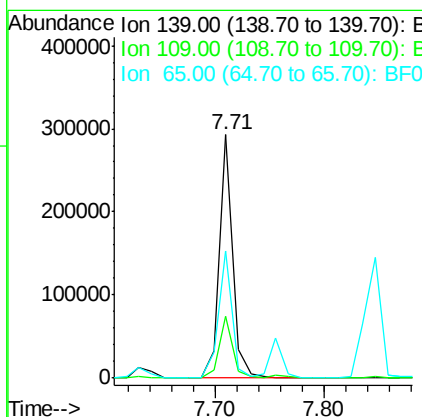
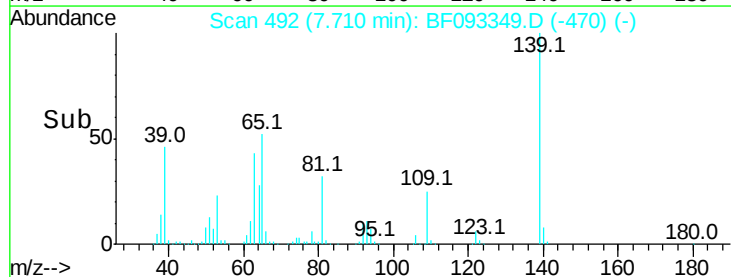
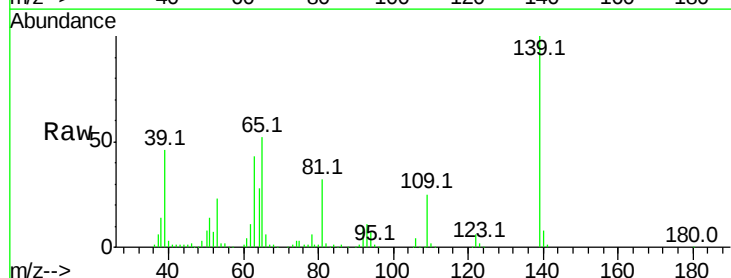
RT: 7.71 min Scan# 492

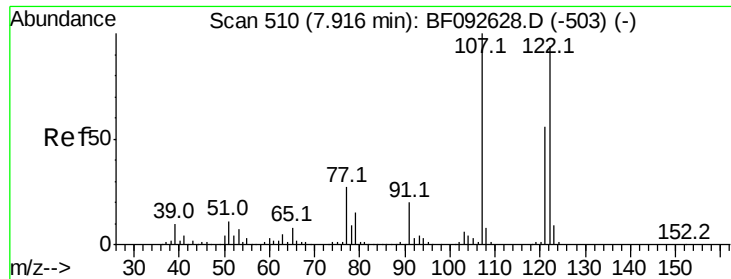
Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:	139	Resp:	252987
Ion Ratio	Lower	Upper	
139	100		
109	25.3	23.3	34.9
65	52.2	42.7	64.1





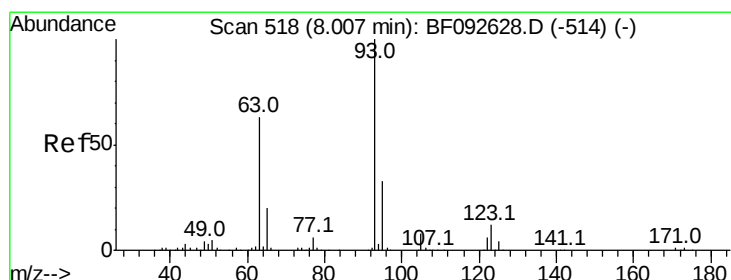
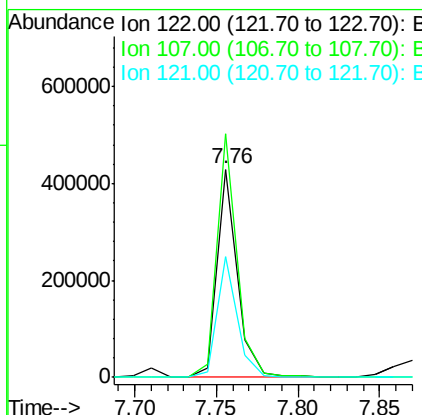
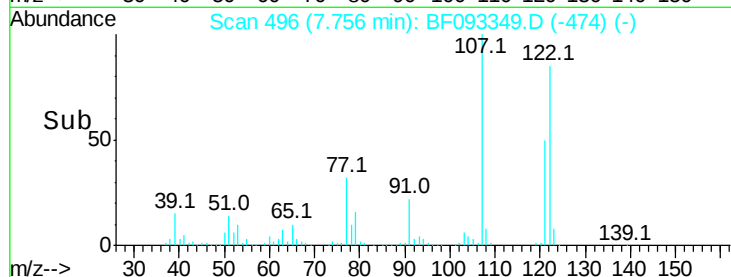
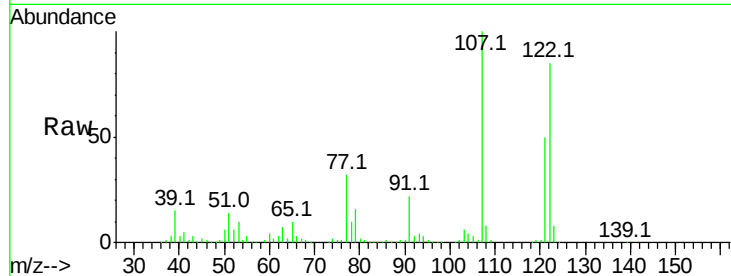
#27
2,4-Dimethylphenol
Concen: 34.82 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	368797		
107	117.1	94.1	141.1	
121	58.2	46.0	69.0	

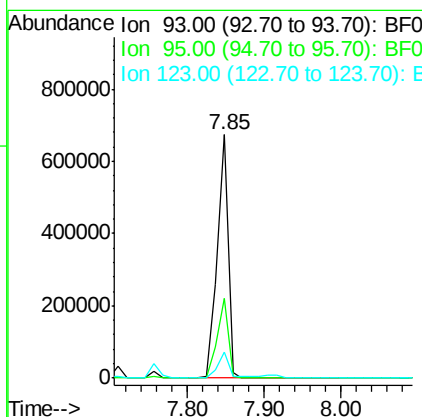
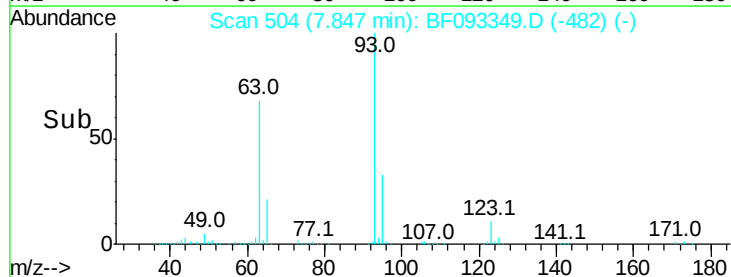
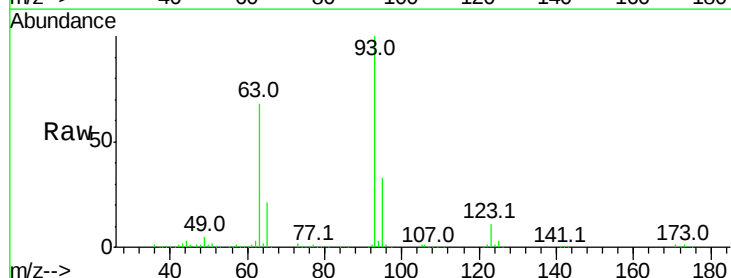
Manual Integrations
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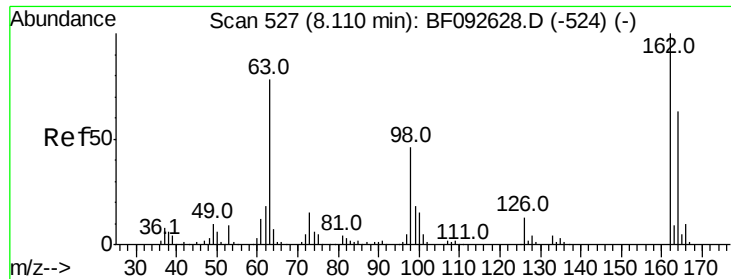
mohammad
3/3/2017 5:17:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.38 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	661438		
95	32.6	26.5	39.7	
123	10.9	8.6	13.0	





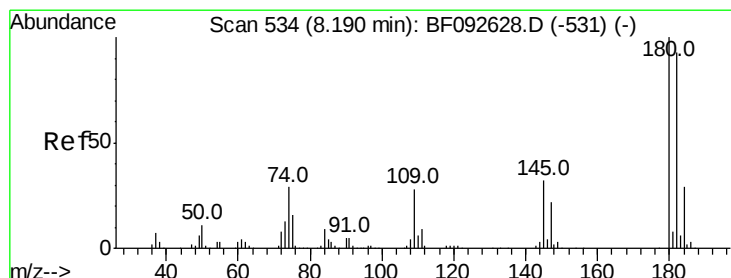
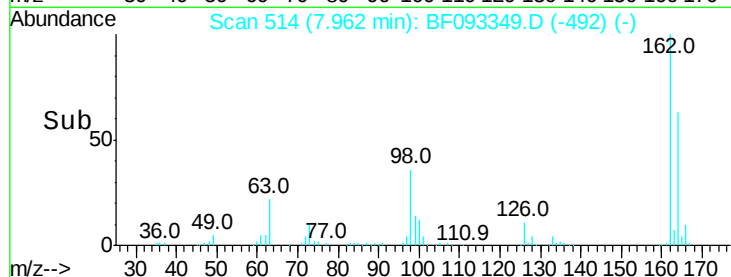
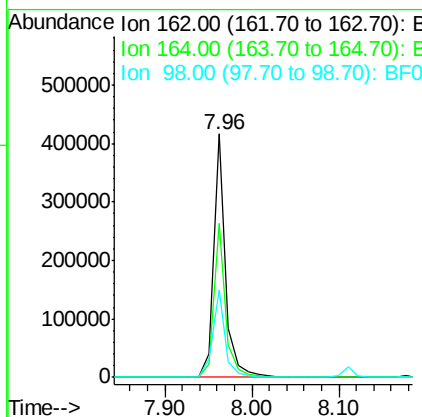
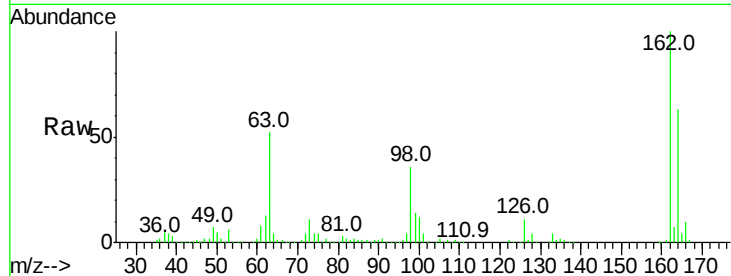
#29
 2,4-Dichlorophenol
 Concen: 40.20 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	397117		
164	63.2	46.8	86.8	
98	35.7	9.1	49.1	

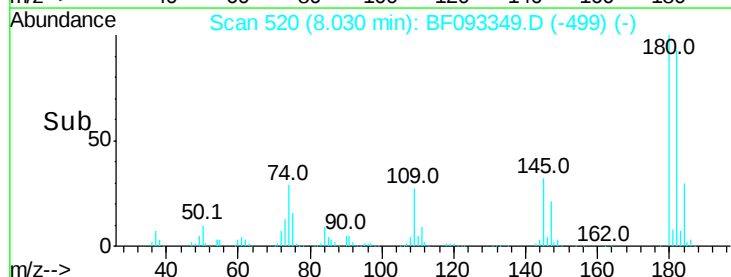
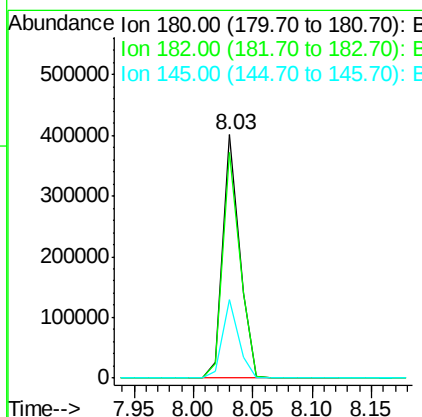
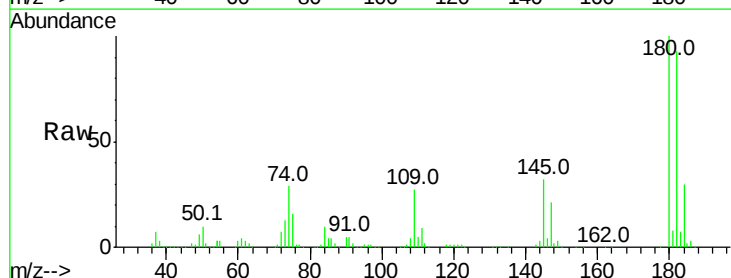
Manual Integrations
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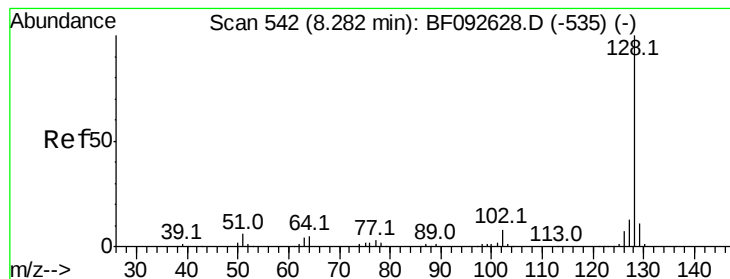
mohammad
 3/3/2017 5:17:06 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.89 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.06 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	392639		
182	92.9	78.2	117.4	
145	32.0	21.6	32.4	





#31

Naphthalene

Concen: 35.51 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.06 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

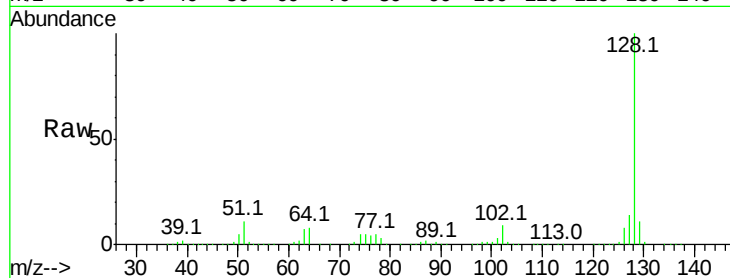
ClientSampleId :

SSTDCCC040

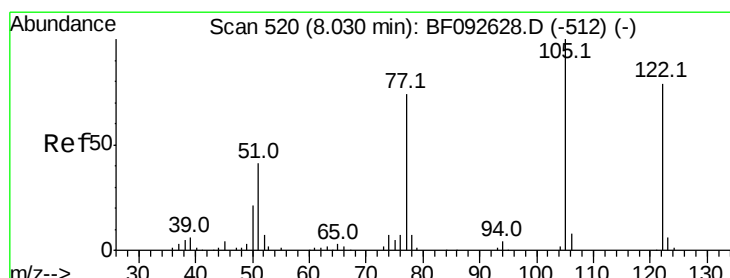
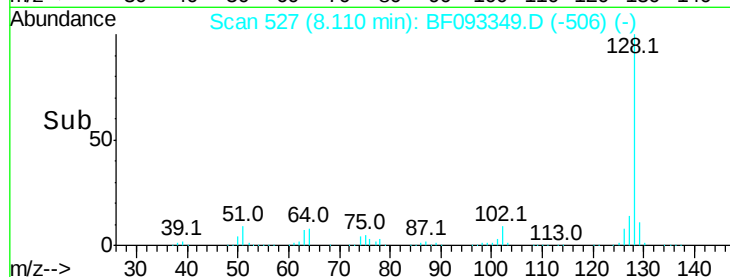
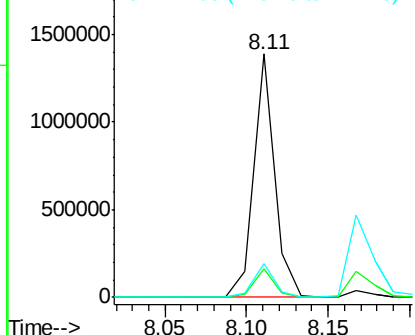
Tot Ion:128	Resp: 1238604
Ion Ratio	Lower Upper
128 100	
129 11.5	9.5 14.3
127 13.8	10.8 16.2

Manual Integrations
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3/3/2017 5:17:06 PM



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: 46.54 ng

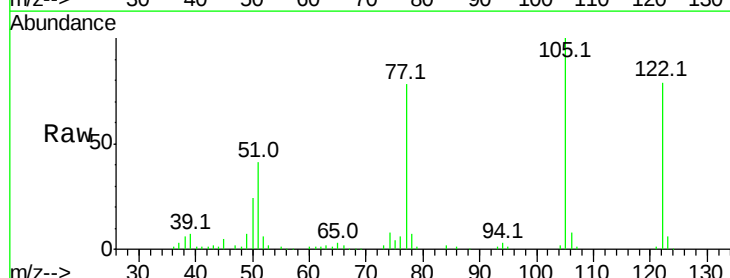
RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

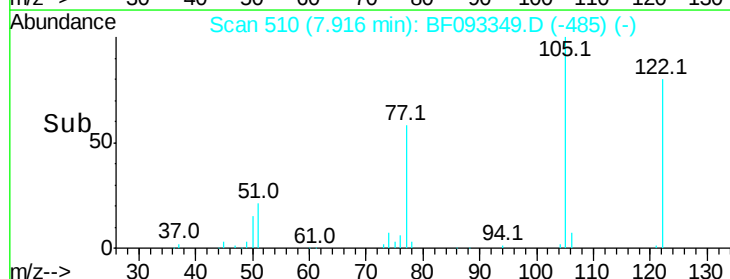
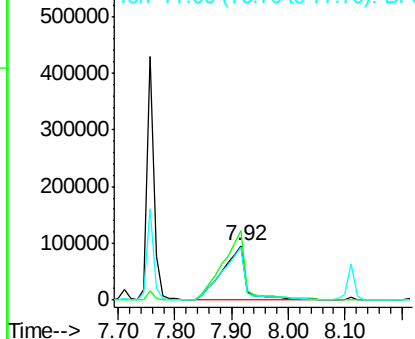
Lab File: BF093349.D

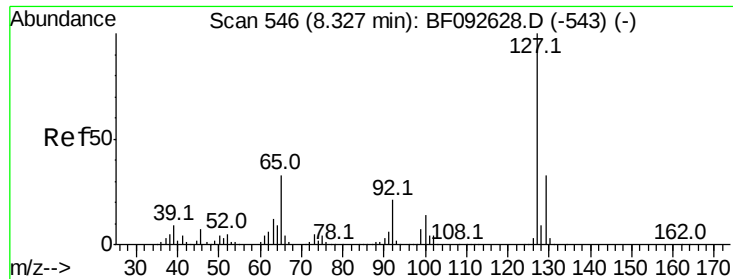
Acq: 3 Mar 2017 8:49

Tgt	Ion:122	Resp:	277724
Ion	Ratio	Lower	Upper
122	100		
105	127.0	107.2	147.2
77	98.5	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





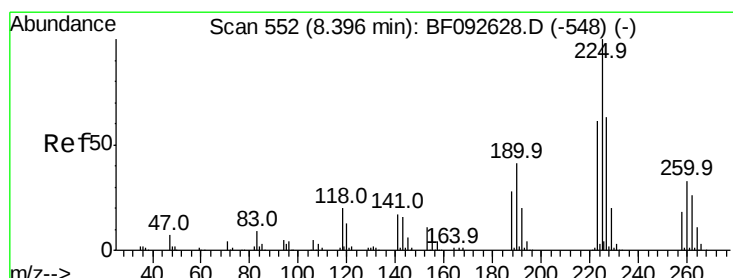
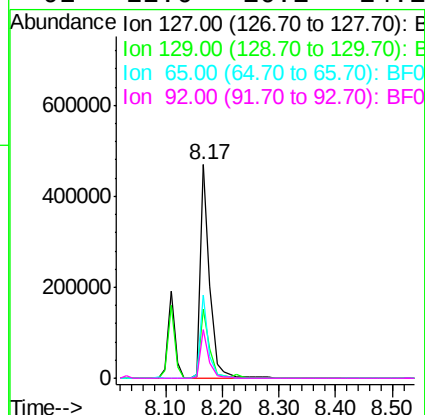
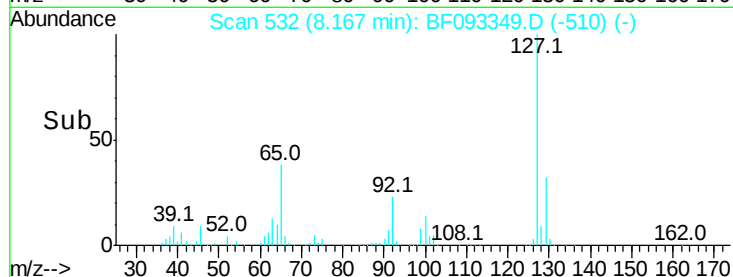
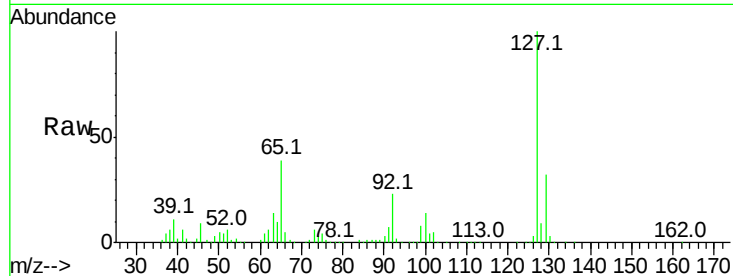
#33
4-Chloroaniline
Concen: 37.77 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.3	39.5	
65	38.8	25.8	38.8	
92	22.6	16.1	24.1	

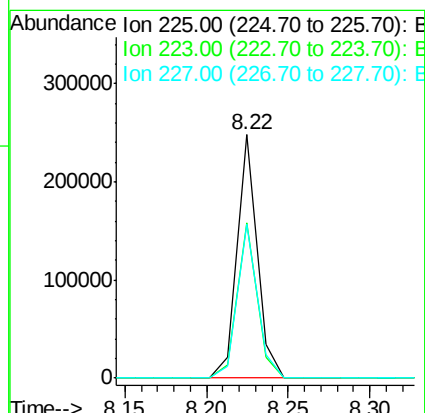
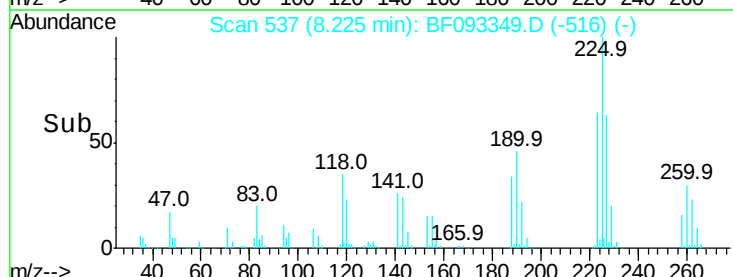
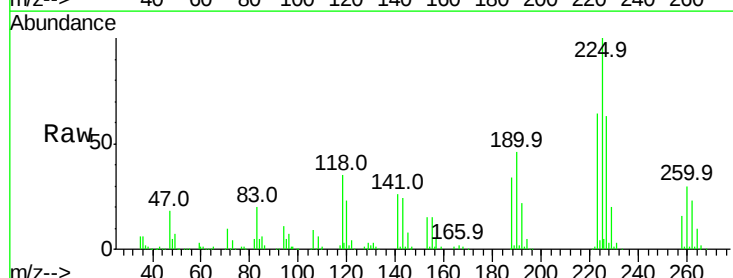
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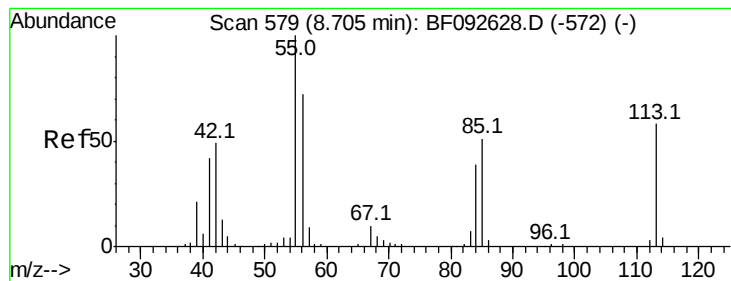
mohammad
3/3/2017 5:17:06 PM



#34
Hexachlorobutadiene
Concen: 35.66 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	51.0	76.6	
227	63.2	50.6	76.0	





#35

Caprolactam

Concen: 40.78 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 126703

Ion Ratio Lower Upper

113 100

55 227.3 119.2 159.2#

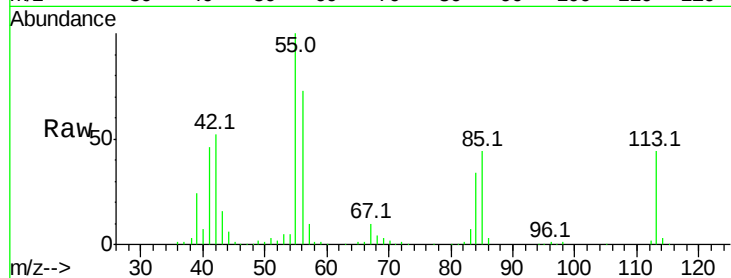
56 167.0 83.8 123.8#

Manual Integrations

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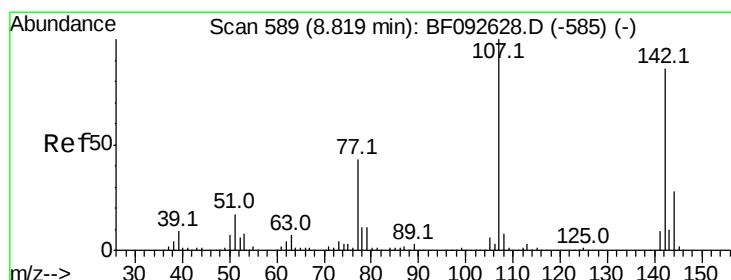
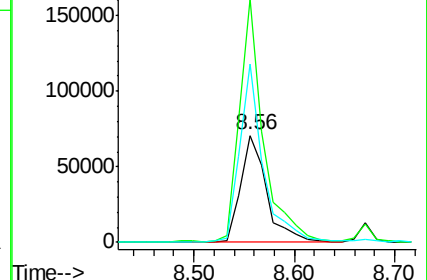
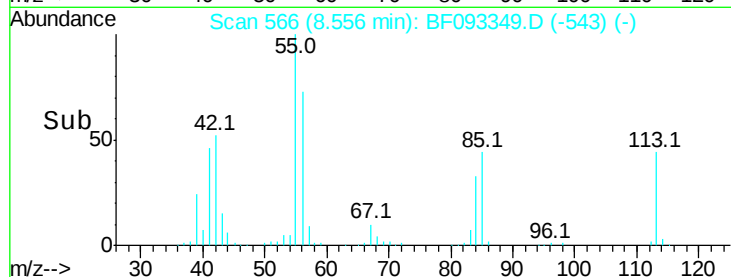
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.96 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

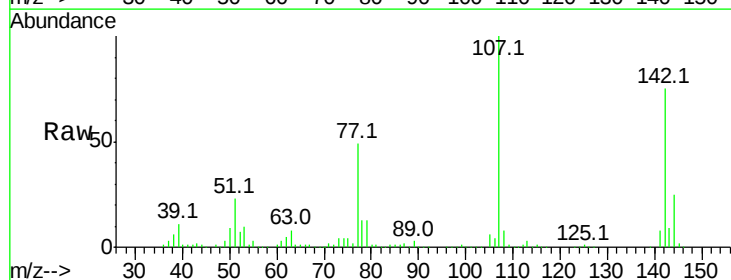
Tgt Ion:107 Resp: 421867

Ion Ratio Lower Upper

107 100

144 24.9 19.3 28.9

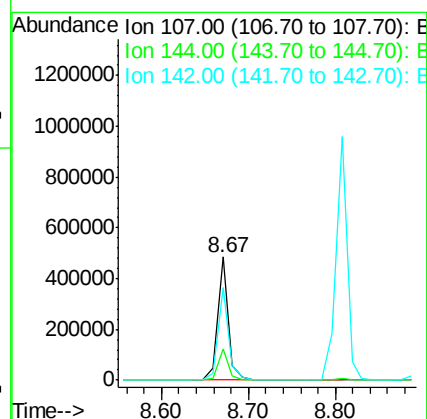
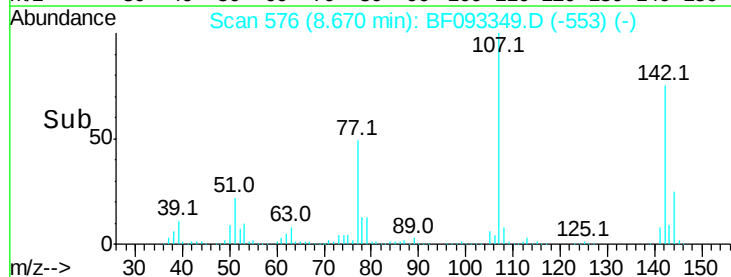
142 75.1 59.0 88.6

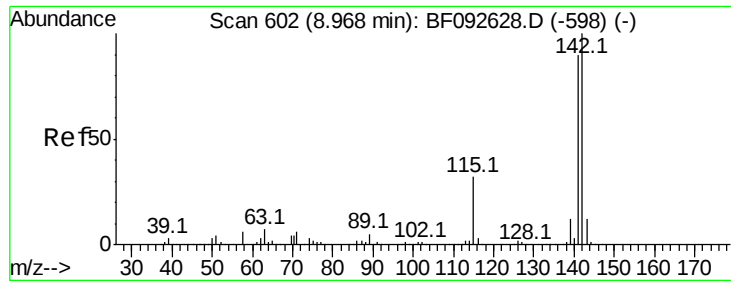


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





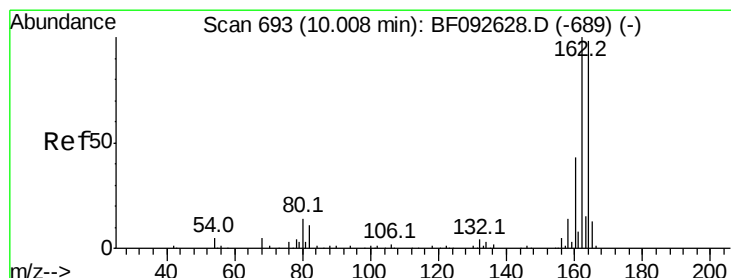
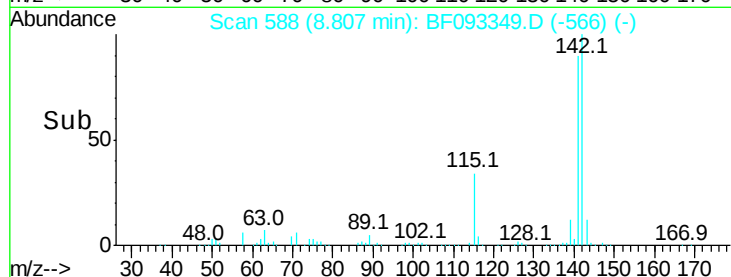
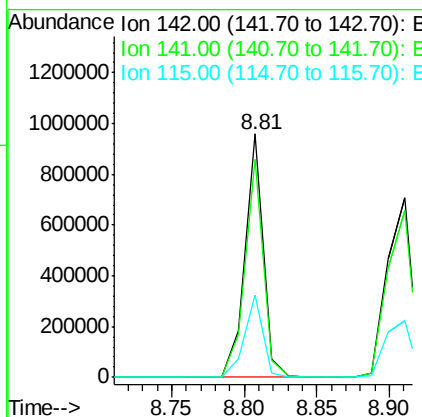
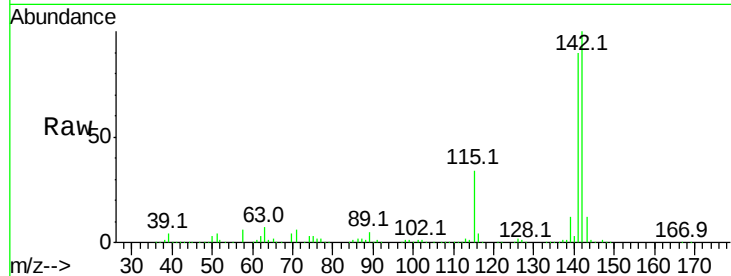
#37
2-Methylnaphthalene
Concen: 37.59 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.0	106.6
115	33.9	28.3	42.5

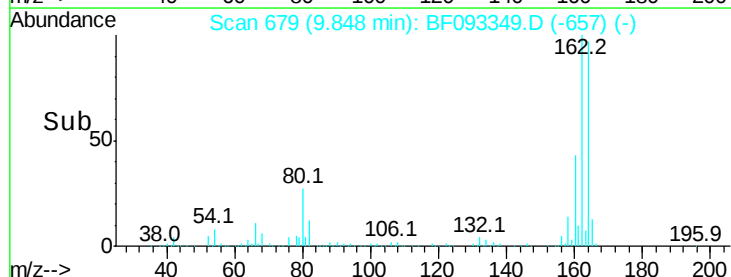
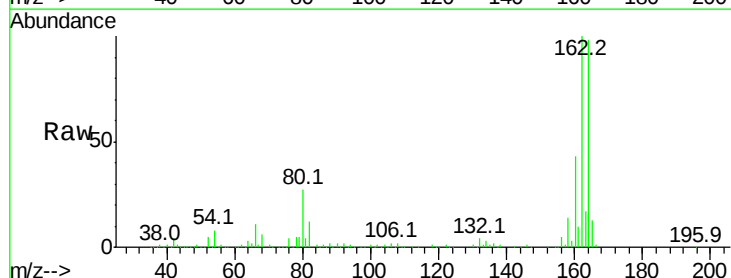
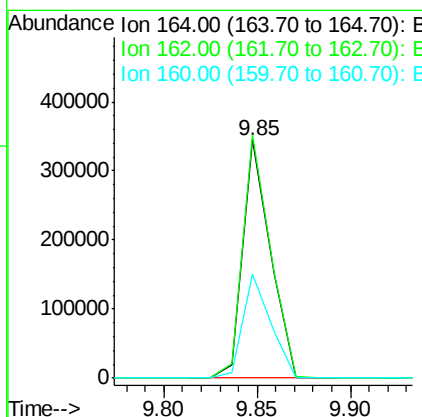
Manual Integrations
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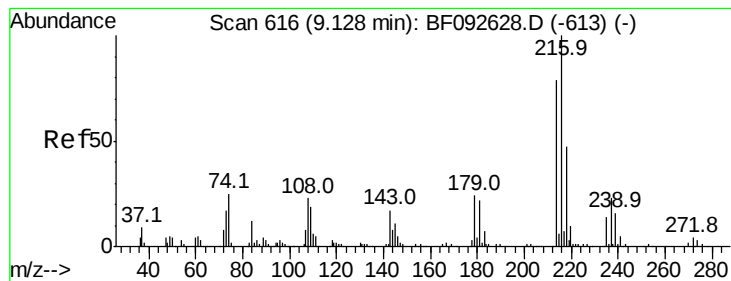
mohammad
3/3/2017 5:17:06 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	43.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.01 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 407833
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.0

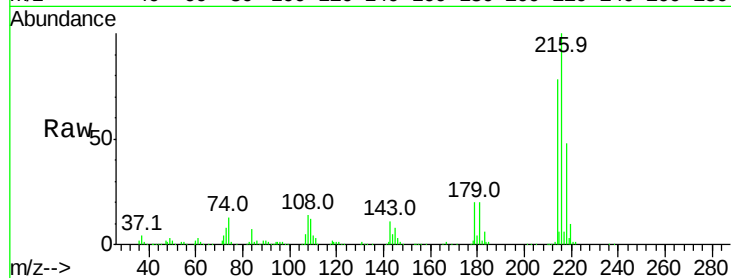
179 21.5 17.4 26.2

108 20.0 15.6 23.4

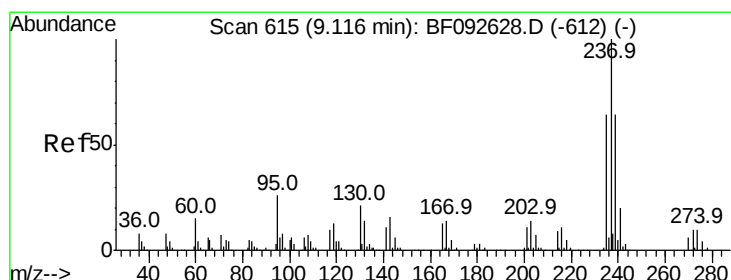
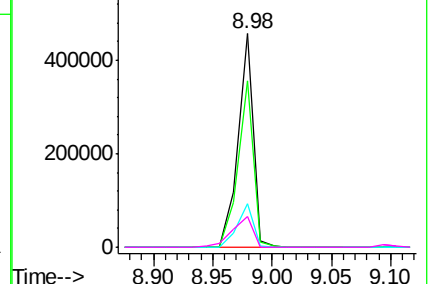
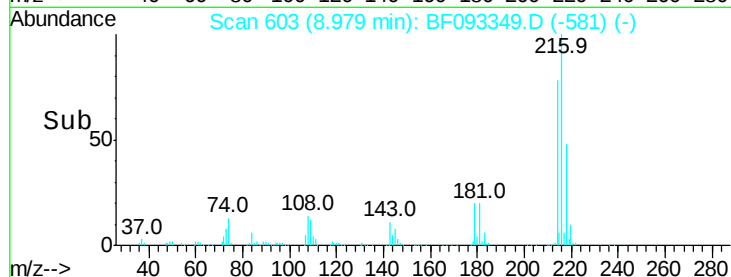
Manual Integrations
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.07 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.05 min

Lab File: BF093349.D

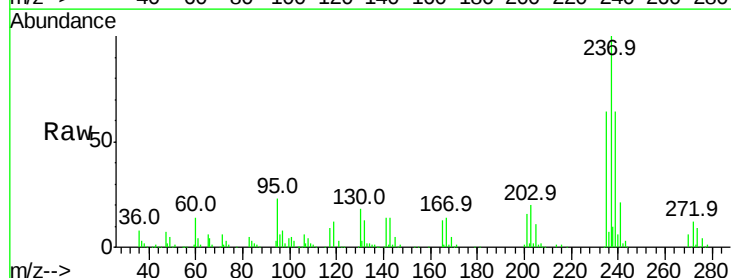
Acq: 3 Mar 2017 8:49

Tgt Ion:237 Resp: 148351
Ion Ratio Lower Upper

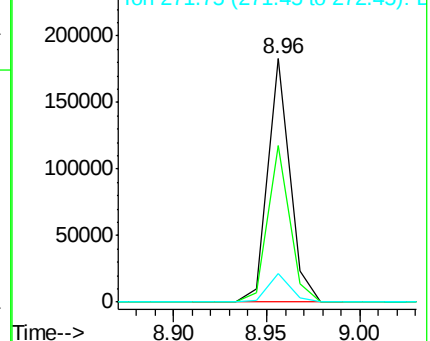
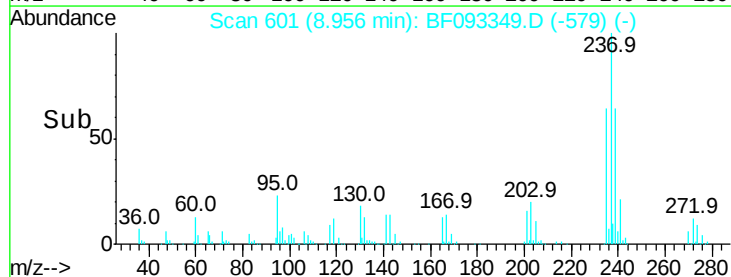
237 100

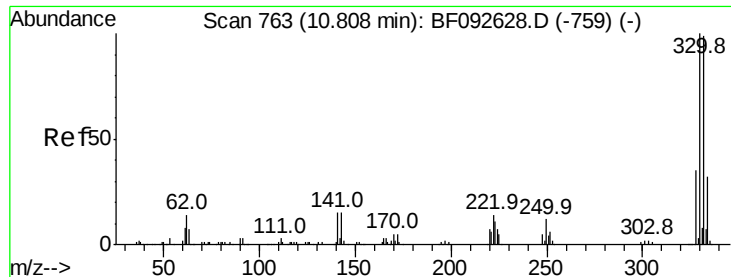
235 64.4 41.2 81.2

272 11.6 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





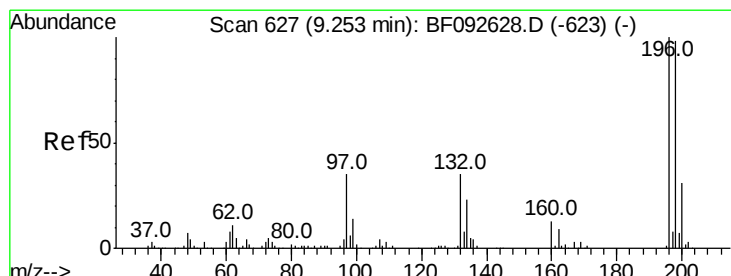
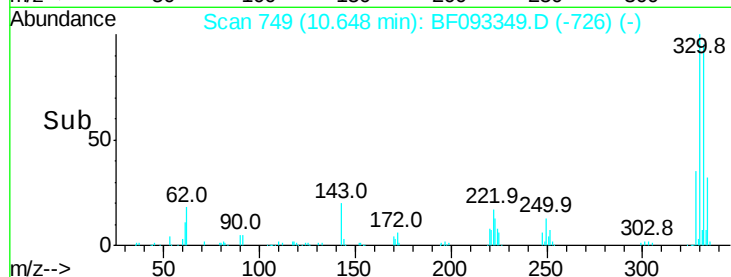
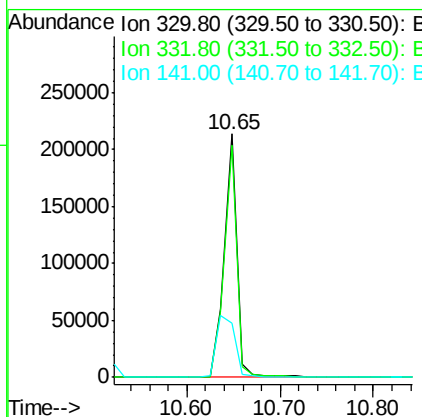
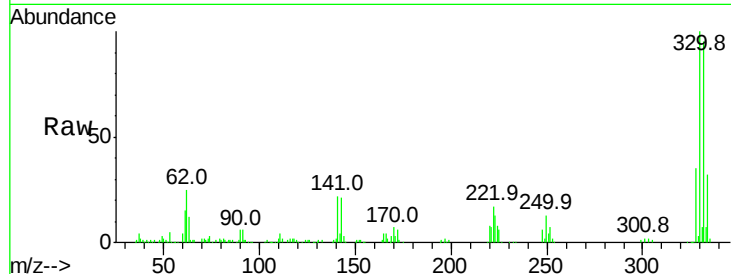
#41
 2,4,6-Tribromophenol
 Concen: 79.15 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	202796		
332	96.1	77.4	116.2	
141	36.5	34.1	51.1	

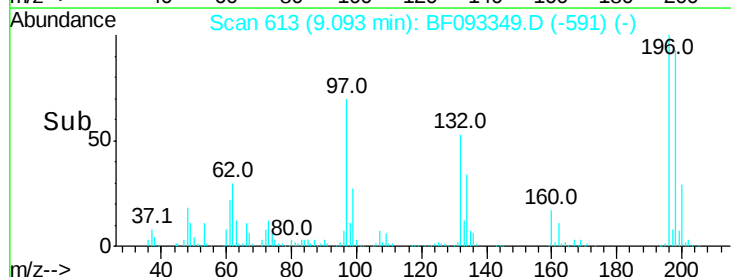
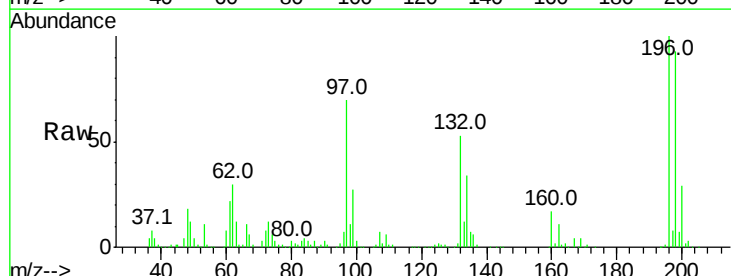
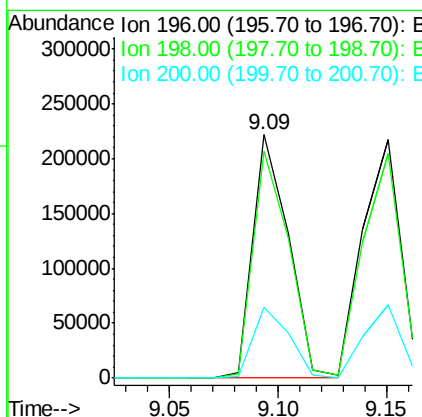
Manual Integrations
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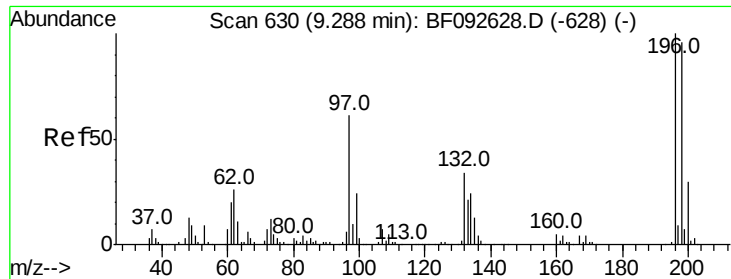
mohammad
 3/3/2017 5:17:06 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.66 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252580		
198	93.0	82.1	123.1	
200	28.9	27.0	40.4	





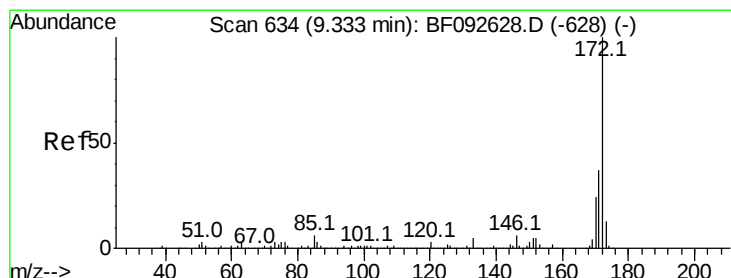
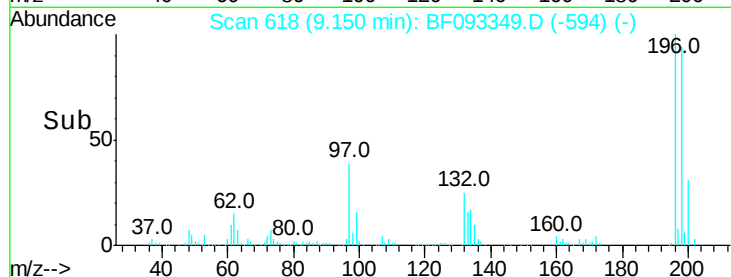
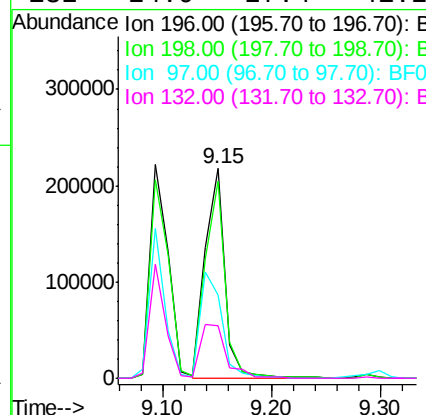
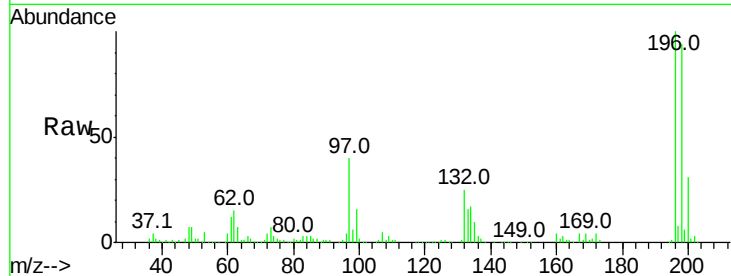
#43
 2,4,5-Trichlorophenol
 Concen: 38.64 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	276649		
198	94.1	79.4	119.2	
97	39.9	51.5	77.3	
132	24.9	27.4	41.2	

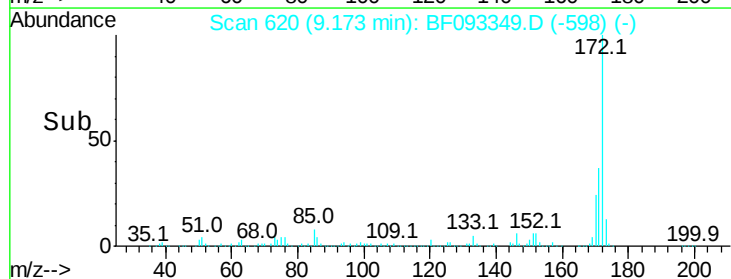
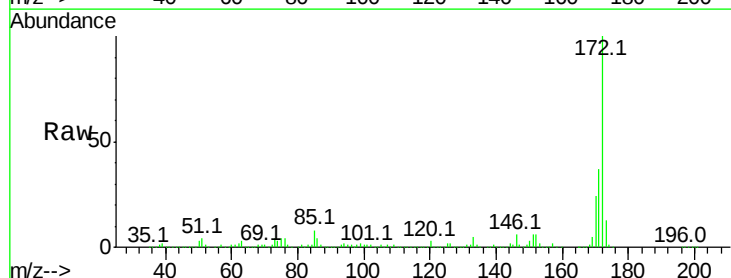
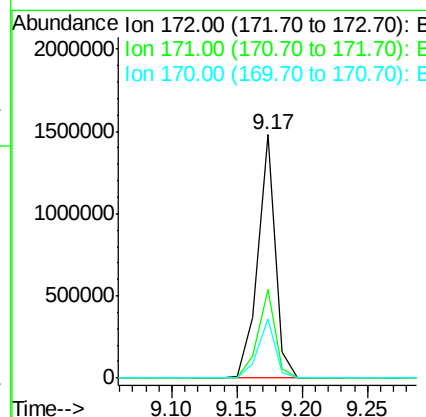
Manual Integrations
 APPROVED

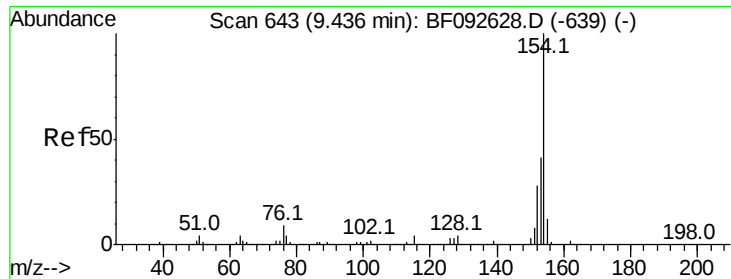
mohammad
 3/3/2017 5:17:06 PM



#44
 2-Fluorobiphenyl
 Concen: 70.99 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1388032		
171	36.7	29.4	44.0	
170	24.4	20.2	30.4	





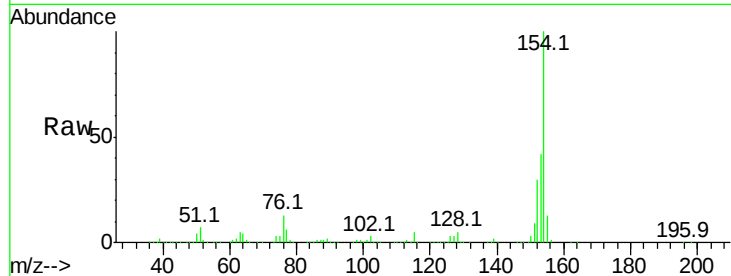
#45
1,1'-Biphenyl
Concen: 41.27 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

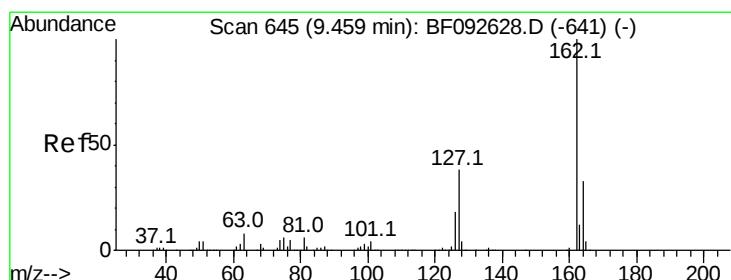
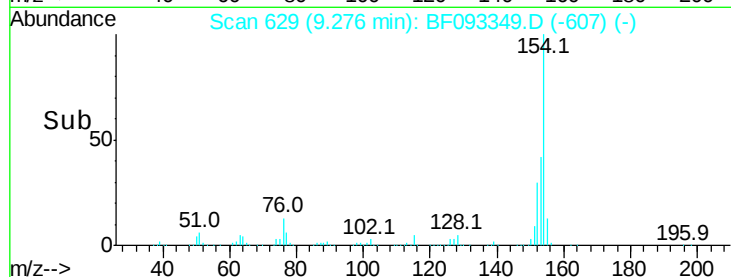
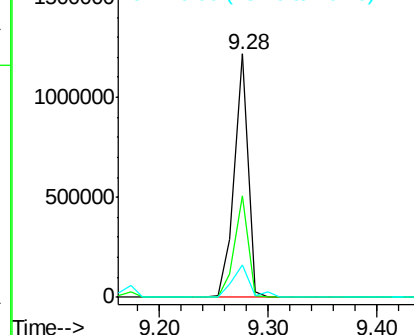
Tot Ion:154 Resp: 1058484
Ion Ratio Lower Upper
154 100
153 41.7 20.9 60.9
76 13.3 0.0 30.5

Manual Integrations
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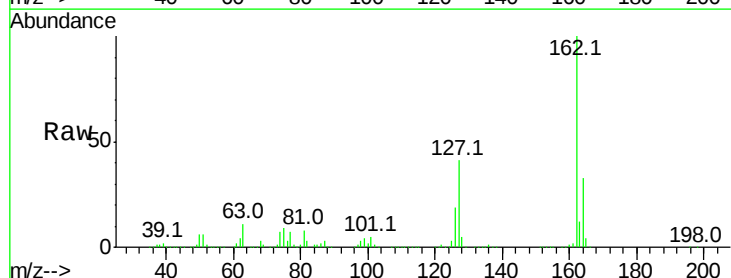


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO

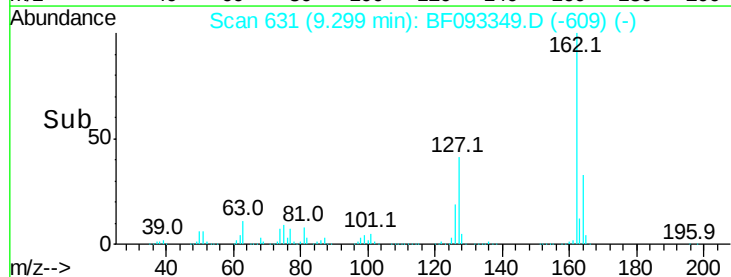
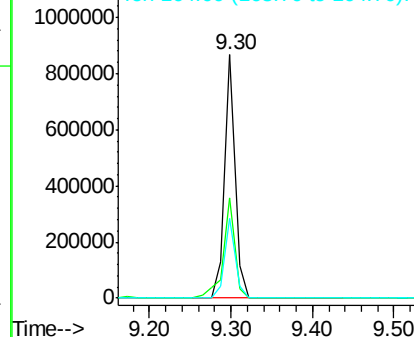


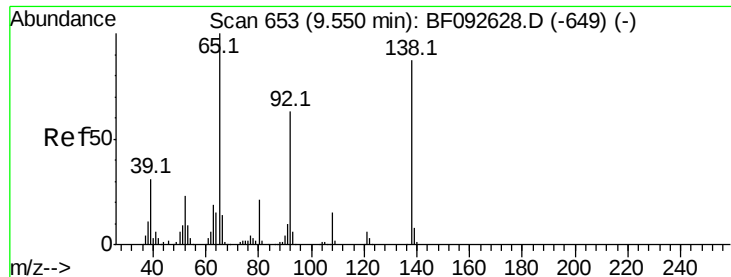
#46
2-Chloronaphthalene
Concen: 38.44 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion:162 Resp: 771321
Ion Ratio Lower Upper
162 100
127 41.3 30.7 46.1
164 33.0 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





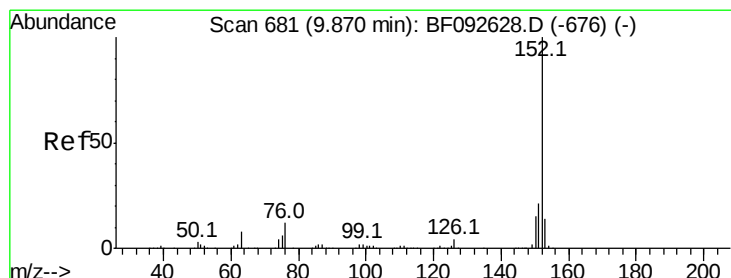
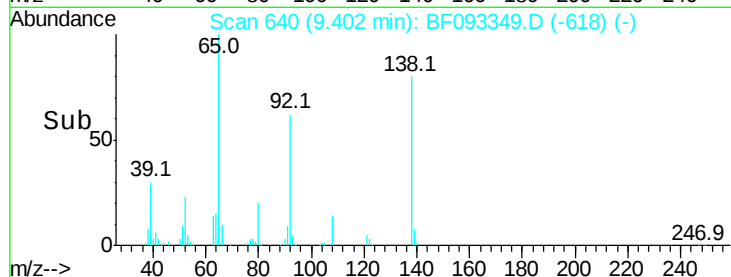
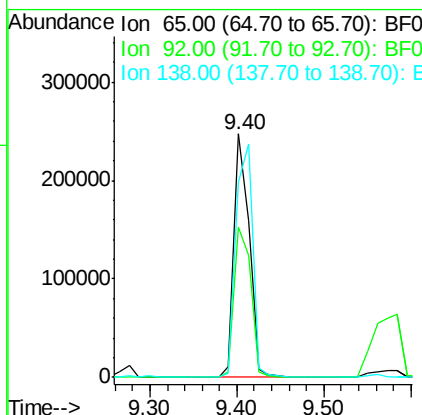
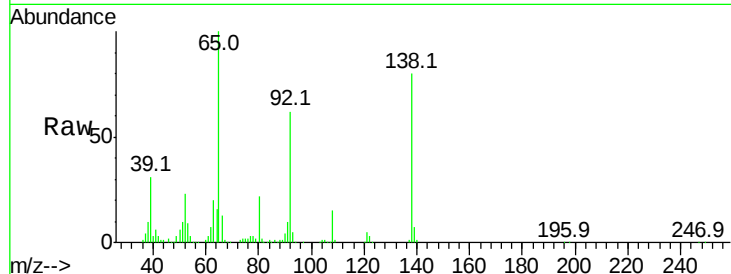
#47
2-Nitroaniline
Concen: 43.91 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.9	53.9	80.9
138	80.1	76.8	115.2

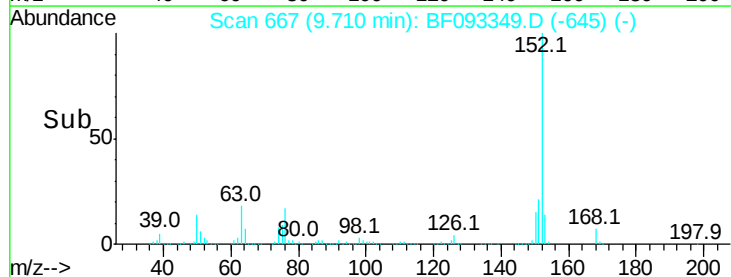
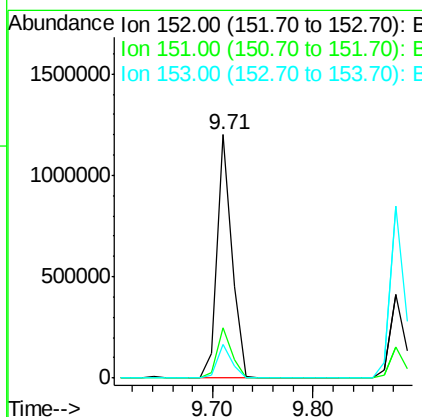
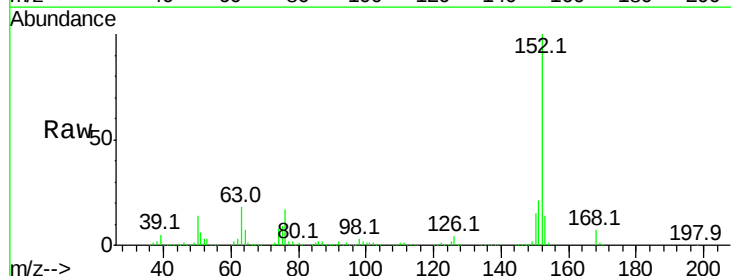
Manual Integrations
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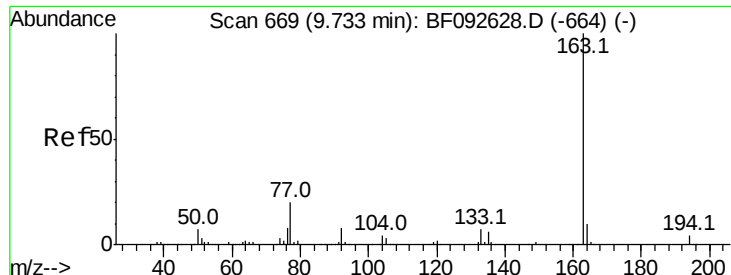
mohammad
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#48
Acenaphthylene
Concen: 35.29 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.6	11.4	17.2





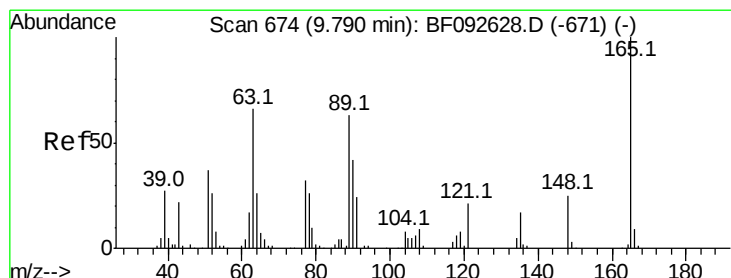
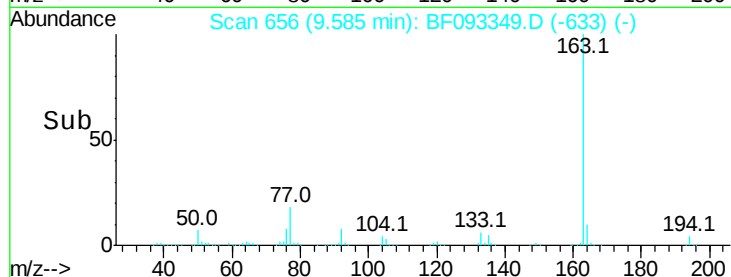
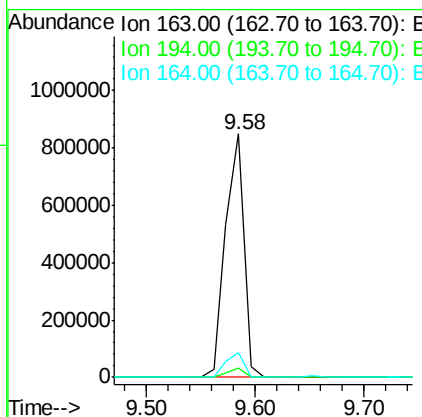
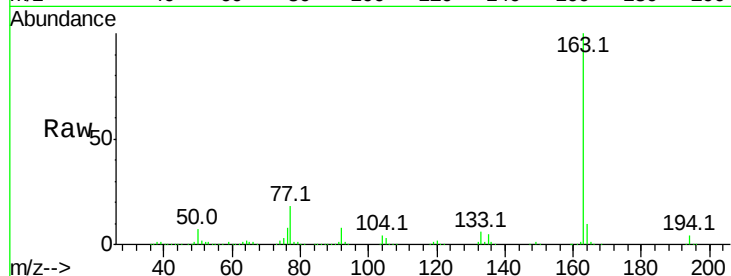
#49
Dimethylphthalate
Concen: 41.78 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	996870		
194	3.7		3.0	4.4
164	9.9		8.0	12.0

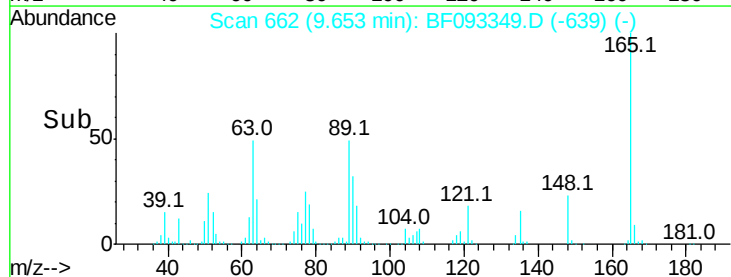
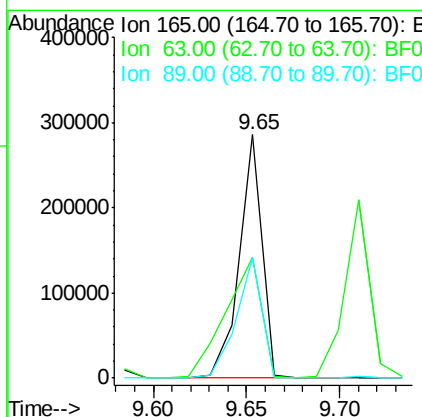
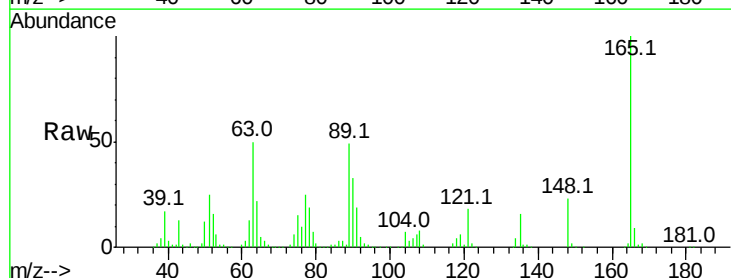
Manual Integrations
APPROVED

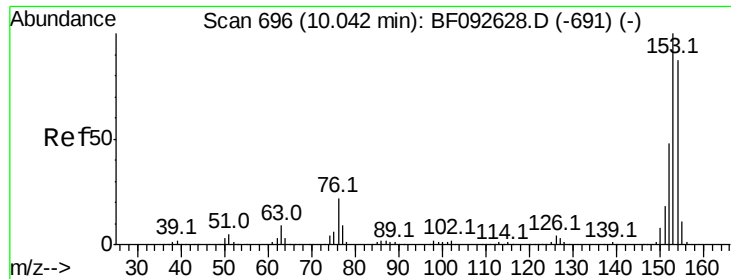
mohammad
3/3/2017 5:17:06 PM



#50
2,6-Dinitrotoluene
Concen: 47.26 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	243500		
63	49.6		36.2	54.4
89	49.4		40.2	60.4





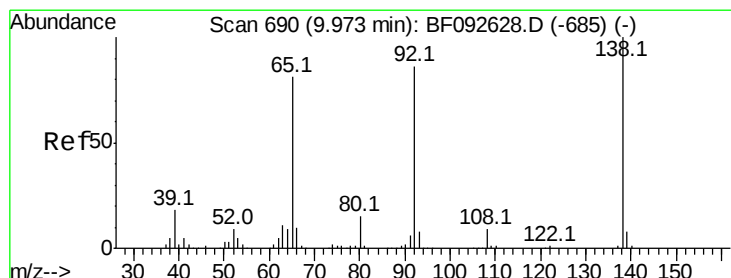
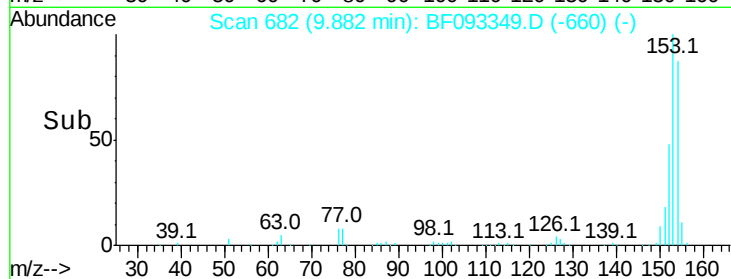
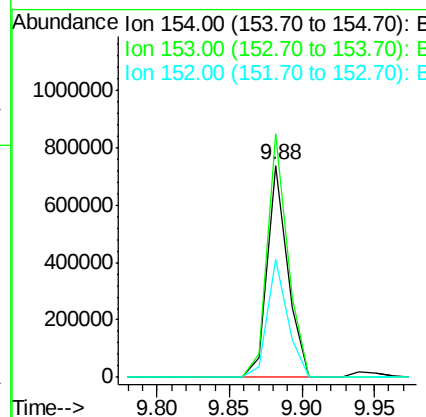
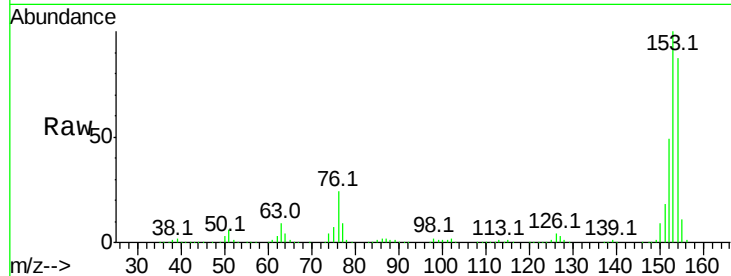
#51
Acenaphthene
Concen: 34.84 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	88.6	133.0
152	55.7	41.6	62.4

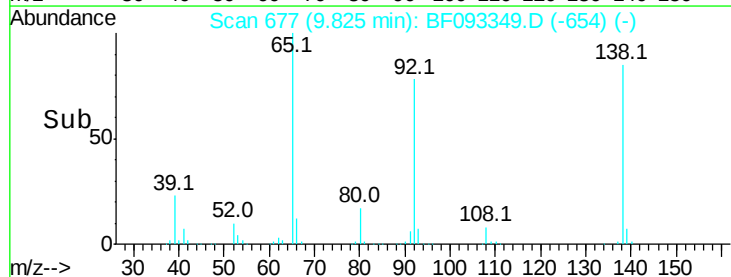
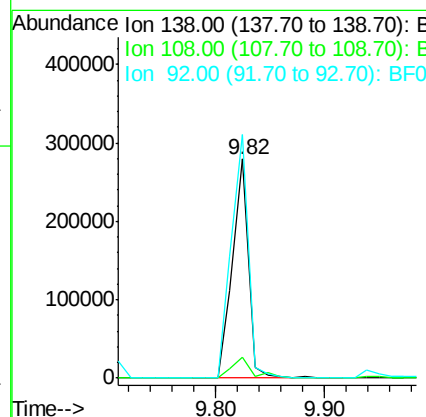
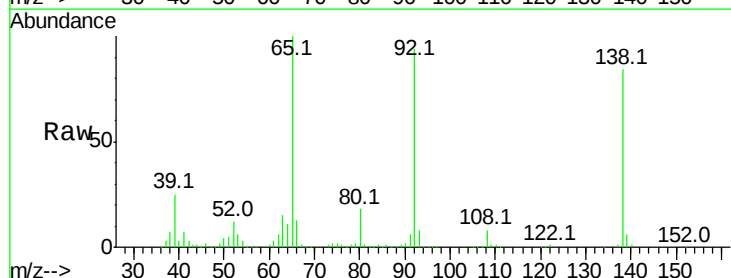
Manual Integrations
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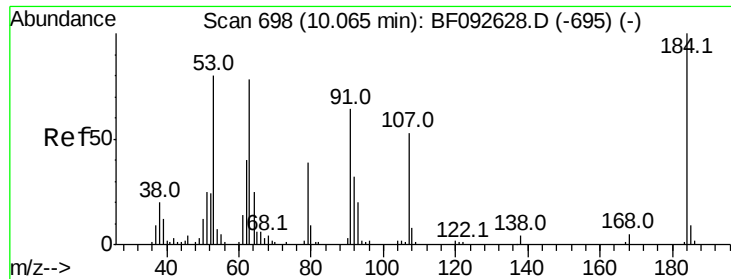
mohammad
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#52
3-Nitroaniline
Concen: 48.20 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.5	12.7
92	111.3	97.8	146.8





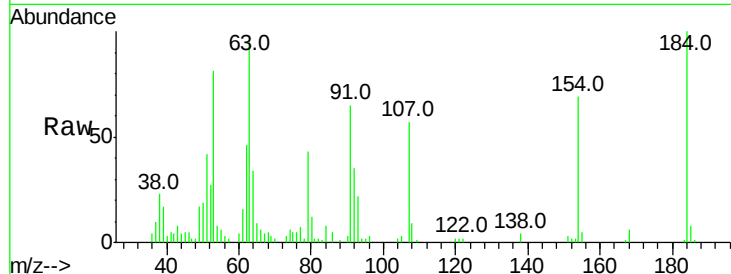
#53
2,4-Dinitrophenol
Concen: 22.02 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

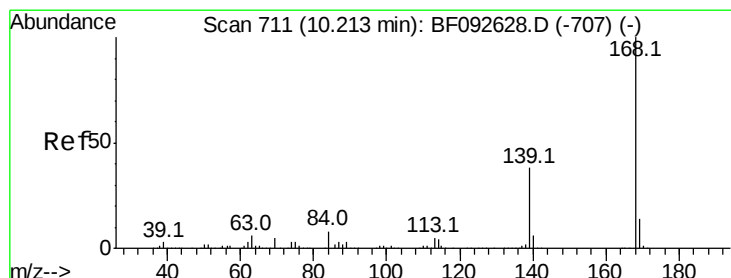
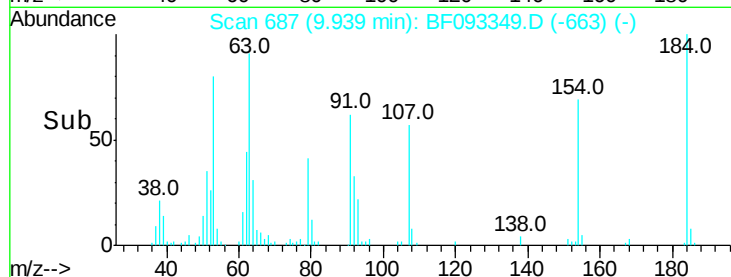
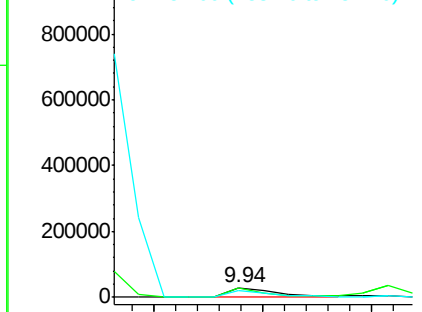
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	95.9	28.4	42.6#	
154	68.5	44.3	66.5#	

Manual Integrations
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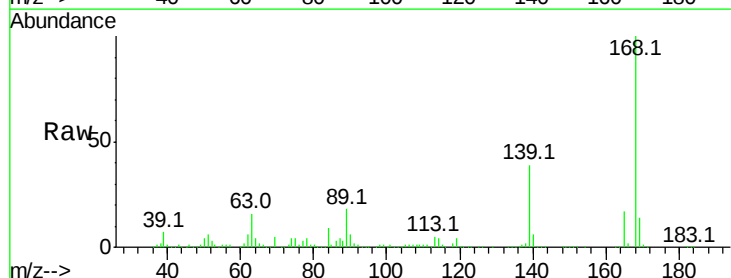


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

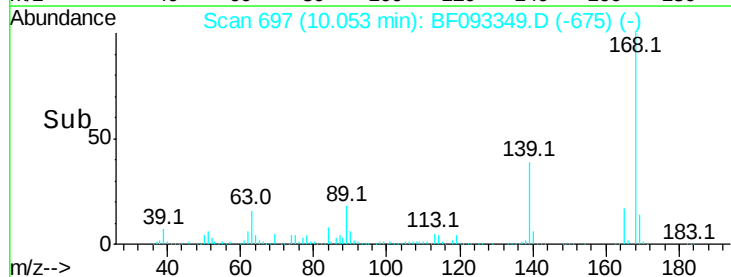
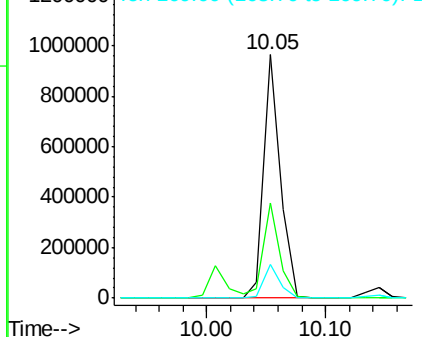


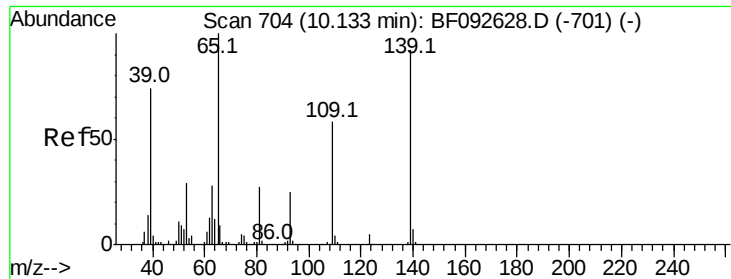
#54
Dibenzofuran
Concen: 34.40 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	32.6	49.0	
169	13.8	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





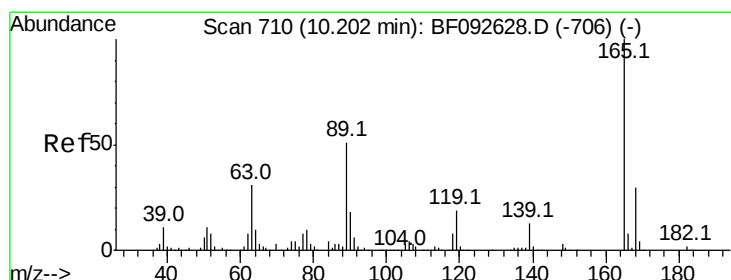
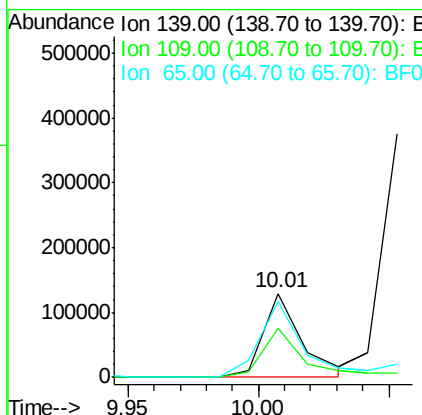
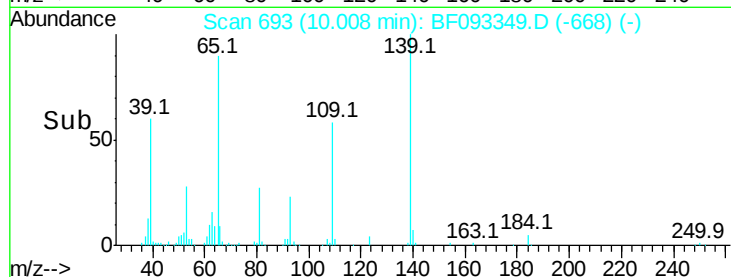
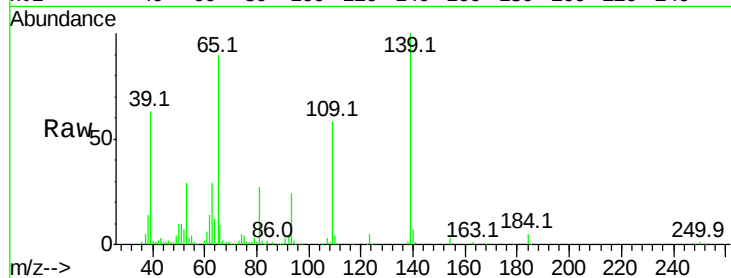
#55
4-Nitrophenol
Concen: 31.22 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.1	52.2	92.2
65	90.4	85.8	125.8

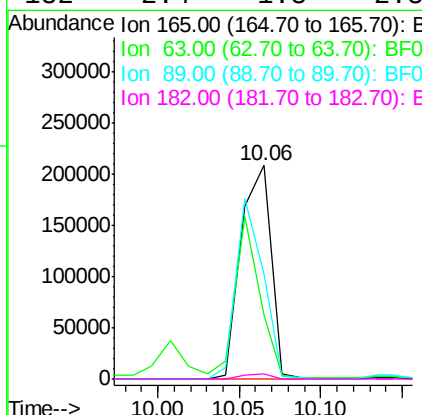
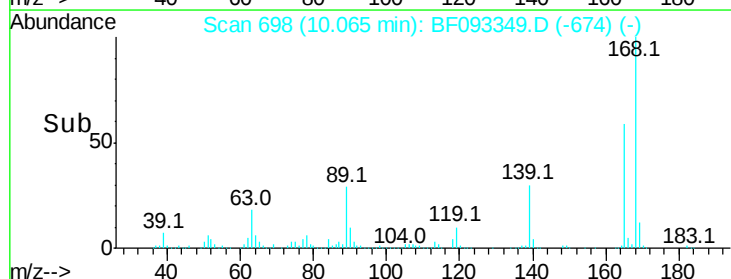
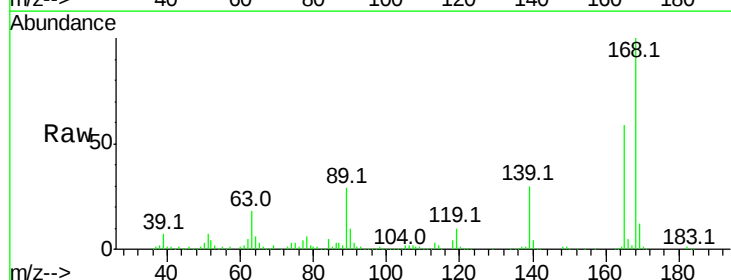
Manual Integrations
APPROVED

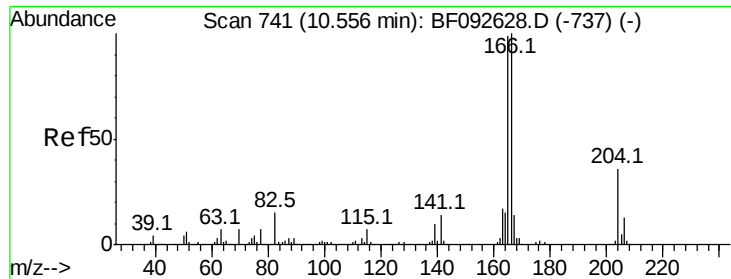
mohammad
3/3/2017 5:17:06 PM



#56
2,4-Dinitrotoluene
Concen: 38.74 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.9	40.2	60.4#
89	48.9	62.5	93.7#
182	2.4	1.8	2.8





#57

Fluorene

Concen: 37.67 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

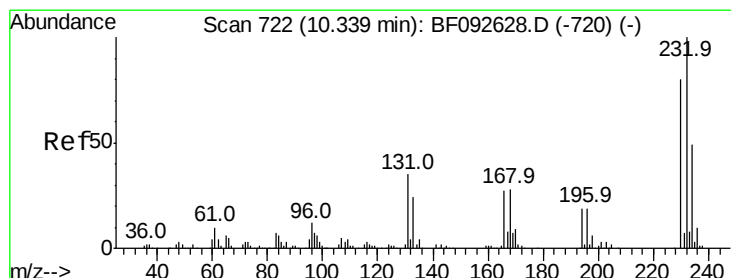
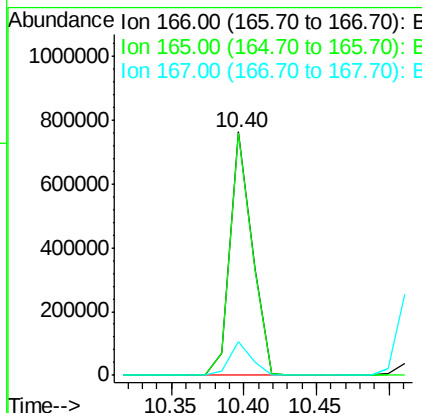
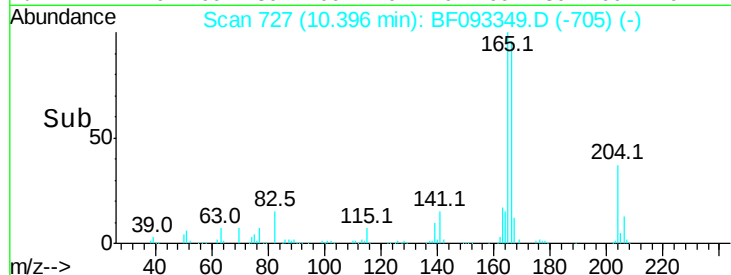
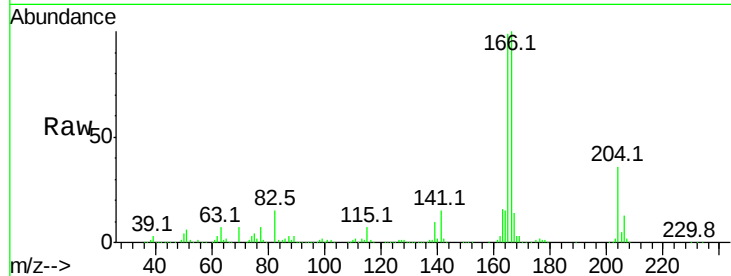
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.8
167	13.8	10.8	16.2

Manual Integrations
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3/3/2017 5:17:06 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.69 ng

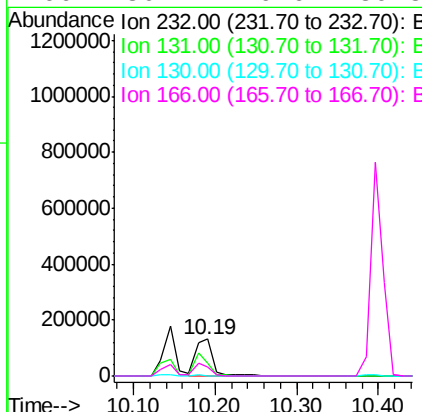
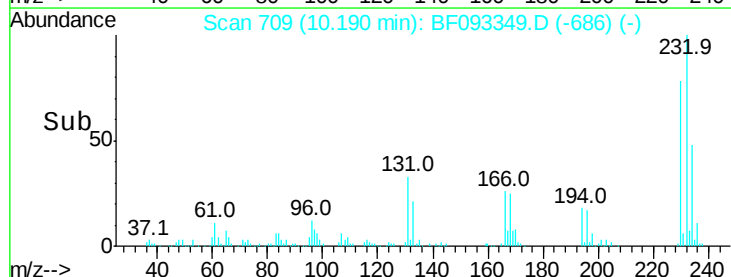
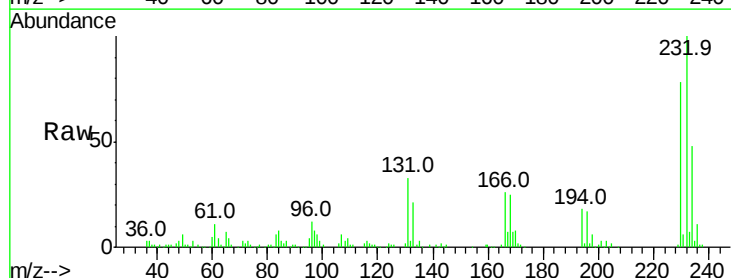
RT: 10.19 min Scan# 709

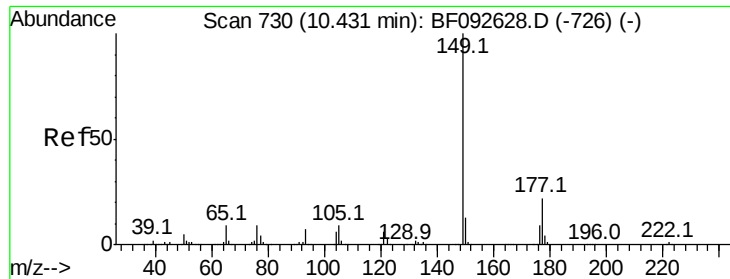
Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.0	40.1	60.1
130	2.1	1.8	2.8
166	30.7	26.6	39.8





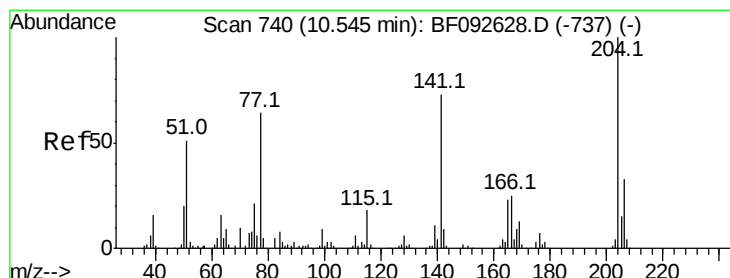
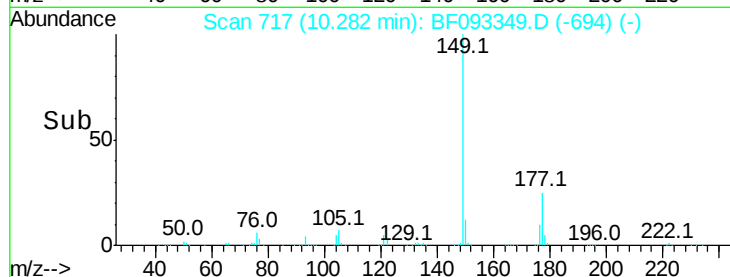
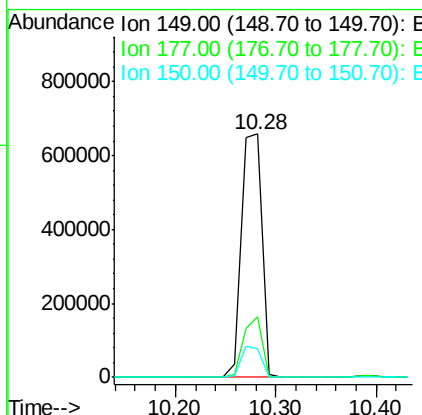
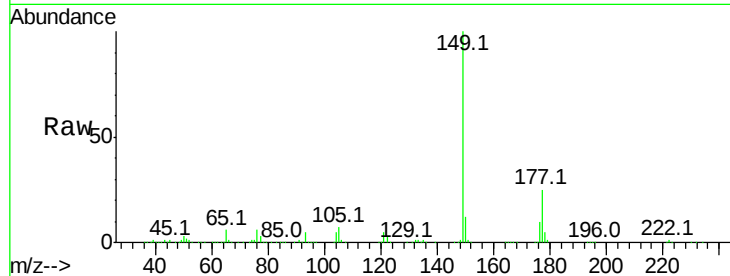
#59
Diethylphthalate
Concen: 41.34 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	929613		
177	24.9	16.6	25.0	
150	11.9	10.4	15.6	

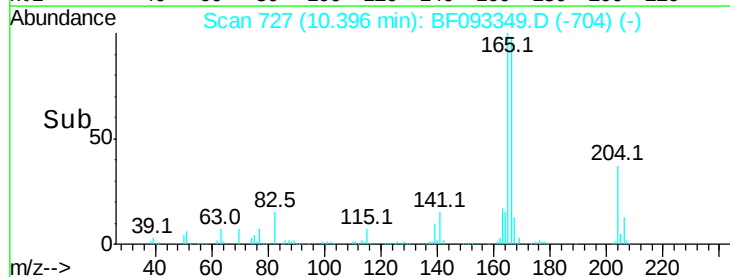
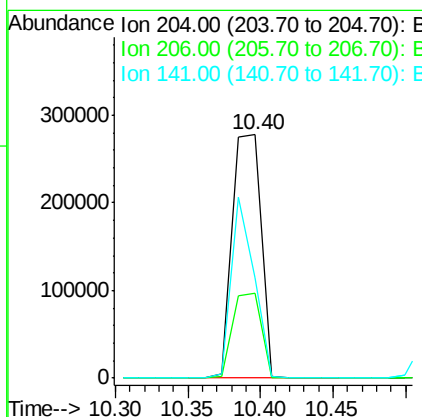
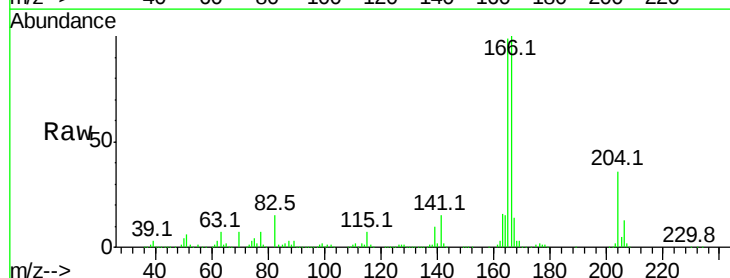
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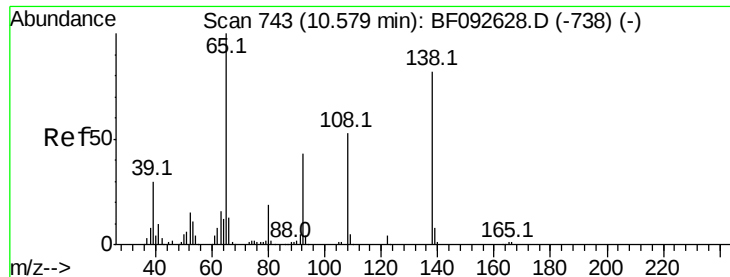
mohammad
3/3/2017 5:17:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.57 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.03 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	384885		
206	35.0	25.8	38.6	
141	41.1	59.4	89.0#	





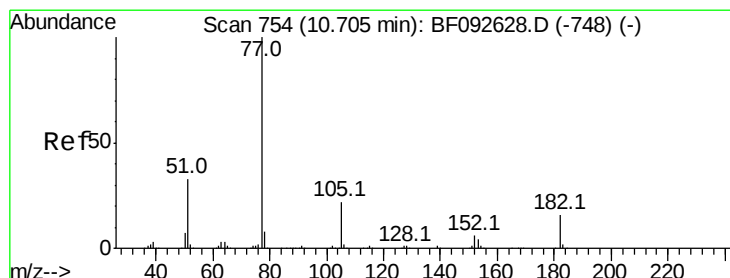
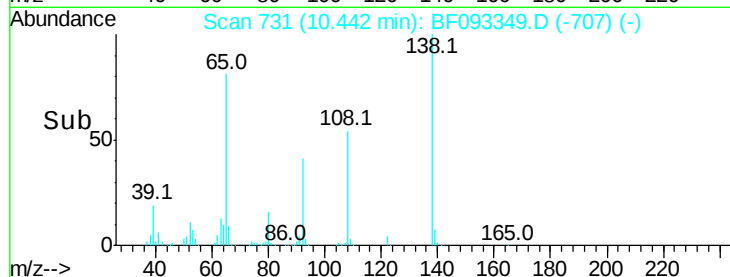
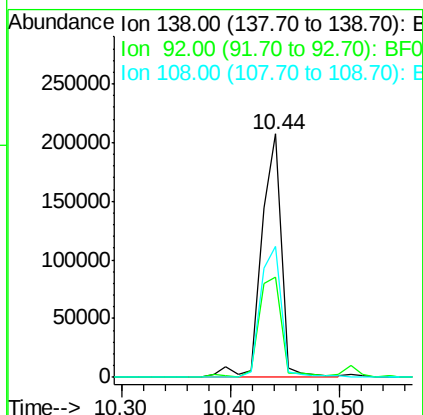
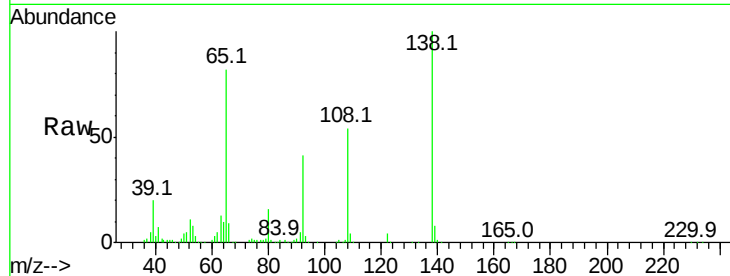
#61
4-Nitroaniline
Concen: 44.09 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.9	31.7	71.7
108	54.0	52.6	92.6

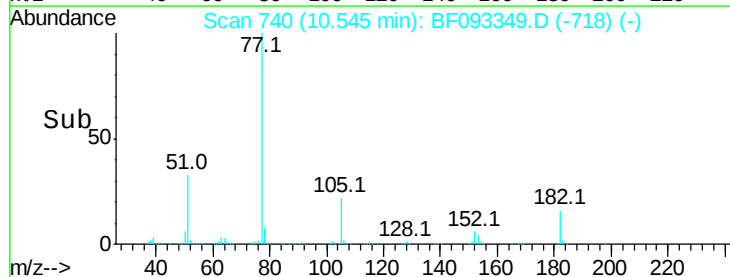
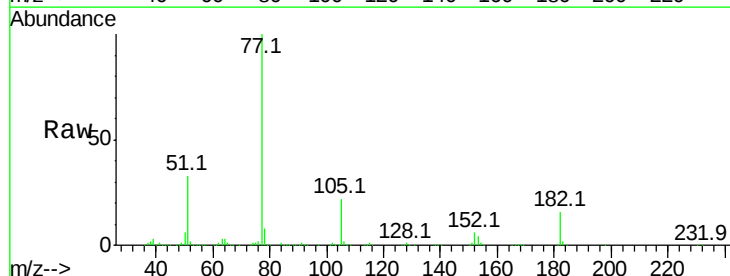
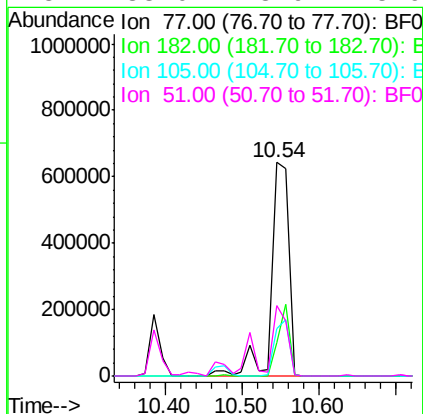
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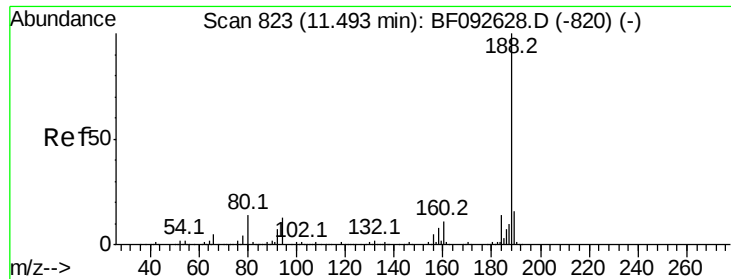
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#62
Azobenzene
Concen: 42.67 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.8	0.0	39.3
105	22.0	2.3	42.3
51	33.0	8.9	48.9





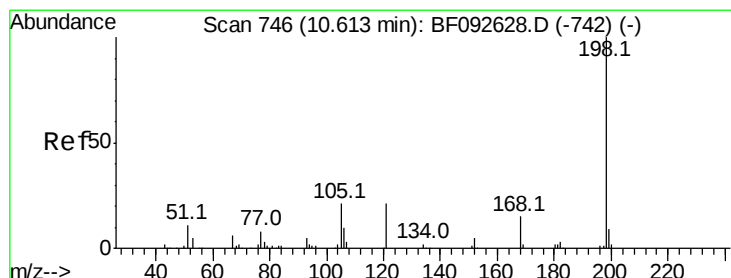
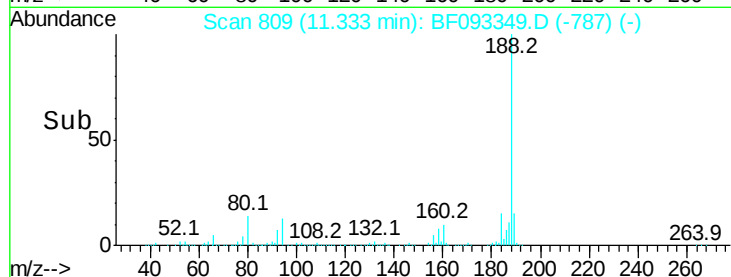
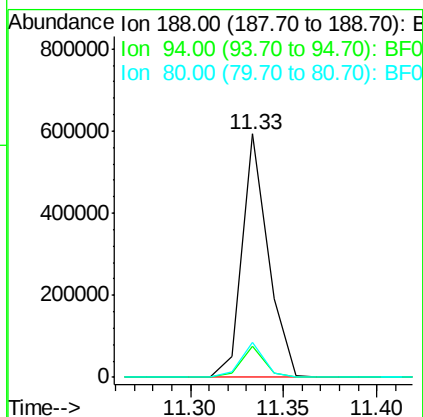
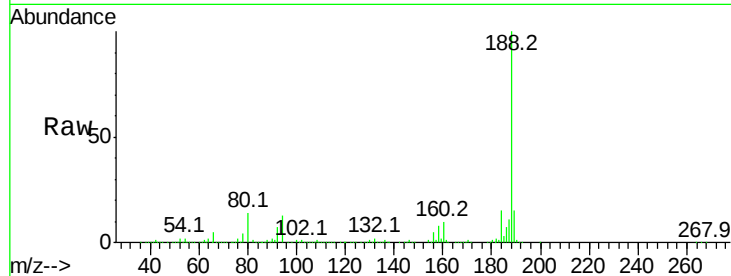
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	576144		
94	12.8		10.0	15.0
80	14.1		11.2	16.8

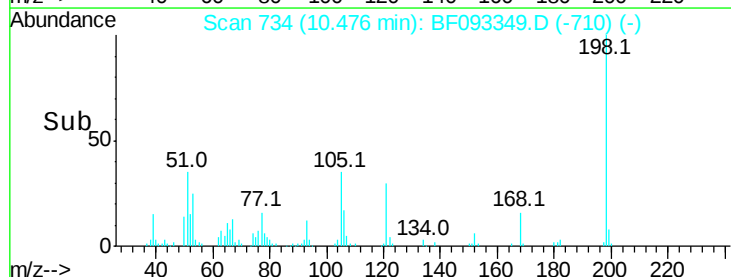
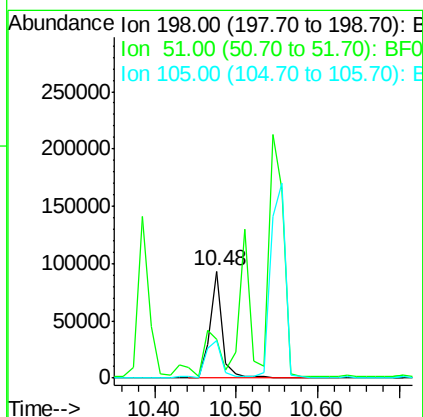
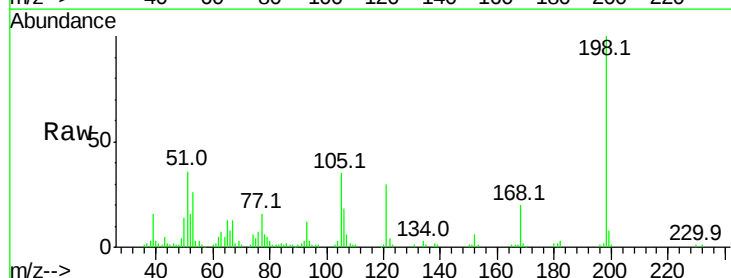
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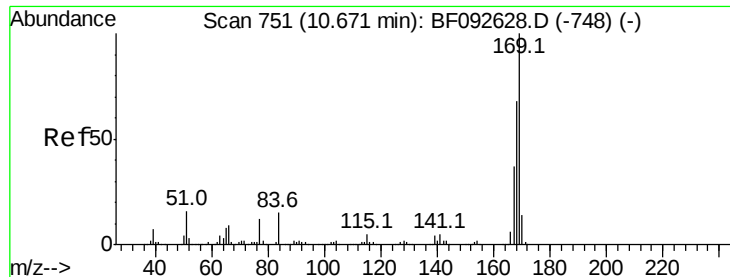
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.88 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	101030		
51	36.3		6.7	46.7
105	34.5		16.6	56.6





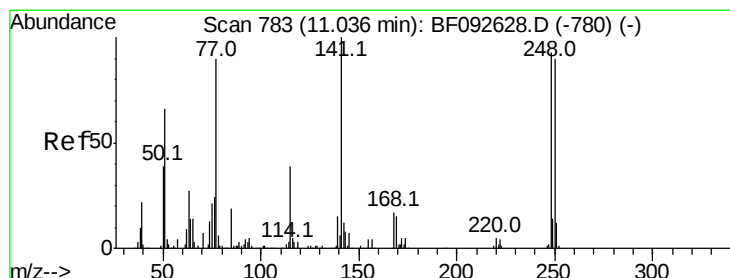
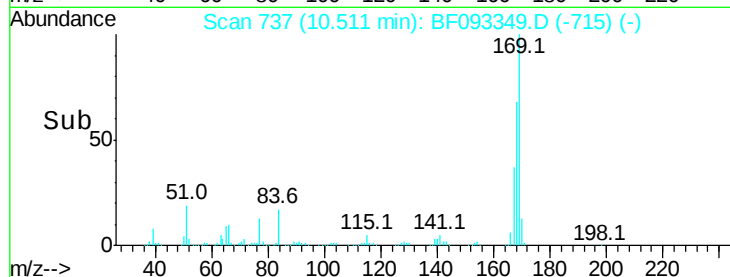
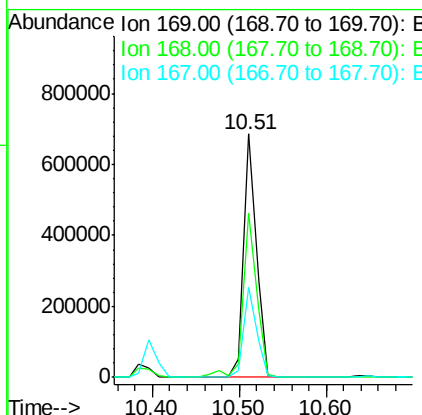
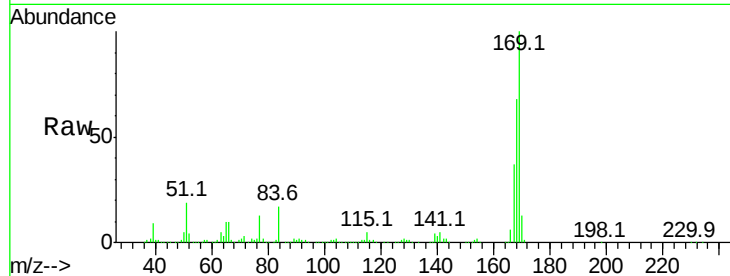
#65
n-Nitrosodiphenylamine
Concen: 38.14 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	701920		
168	67.6		54.2	81.2
167	37.0		30.2	45.4

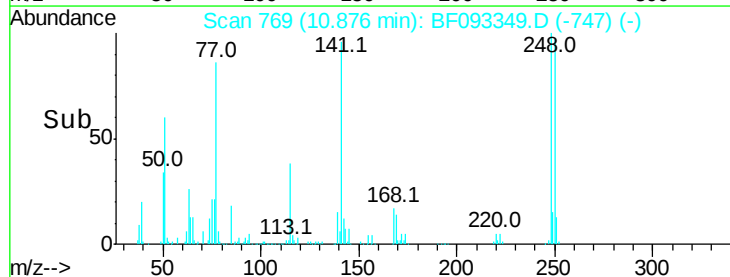
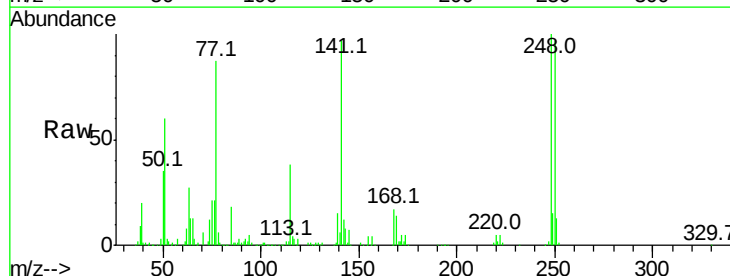
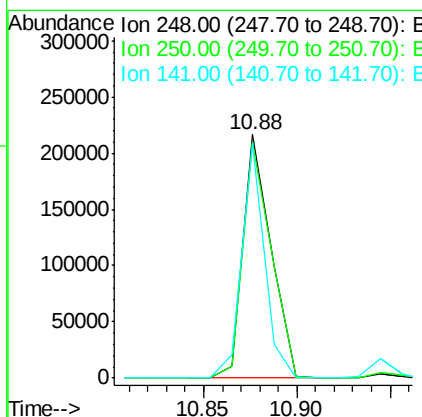
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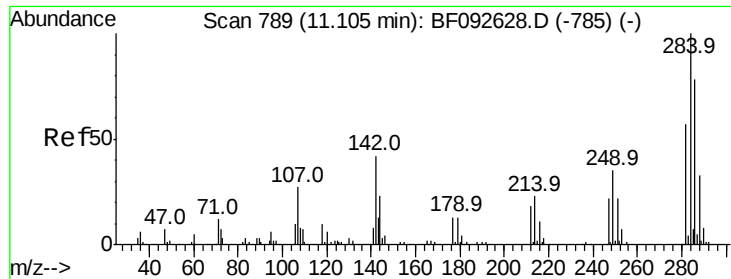
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#66
4-Bromophenyl-phenylether
Concen: 37.42 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	225238		
250	97.0		76.9	115.3
141	96.6		68.2	102.4





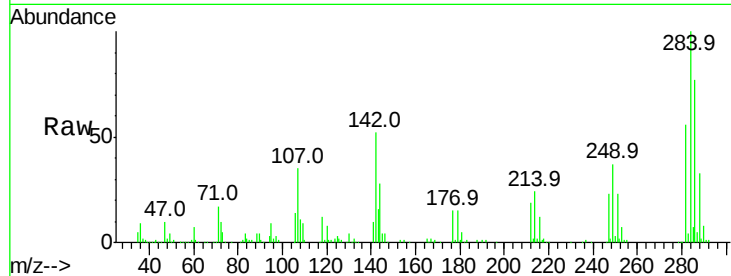
#67
Hexachlorobenzene
Concen: 38.81 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

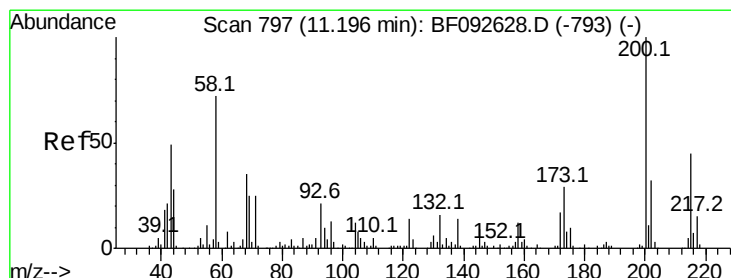
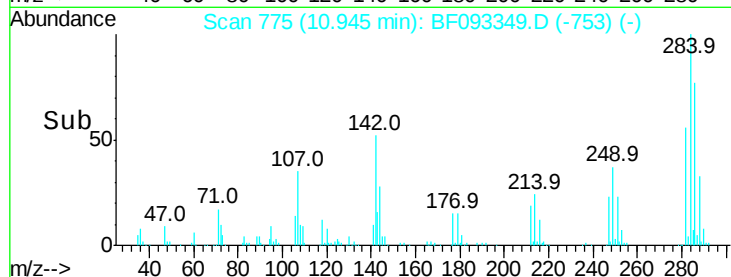
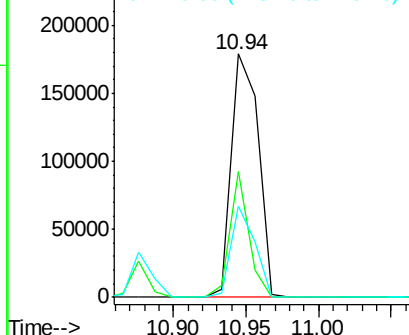
Tot Ion	Ratio	Resp	Lower	Upper
284	100	230841		
142	51.8	22.6	33.8#	
249	37.3	25.4	38.0	

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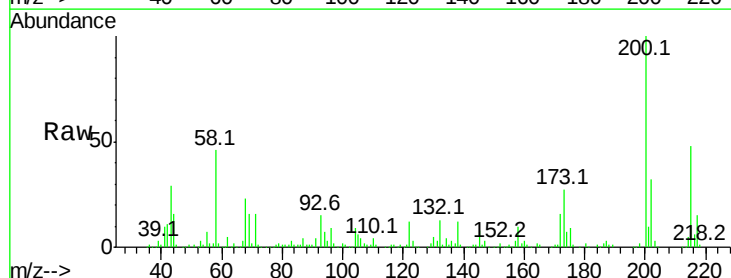


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

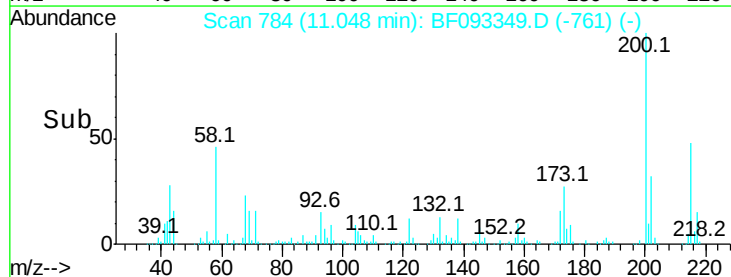
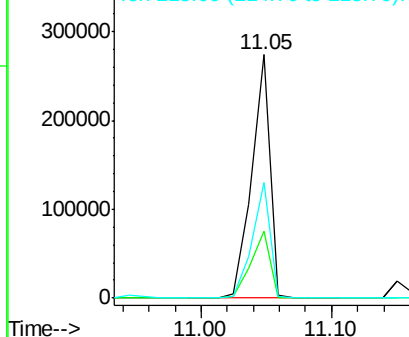


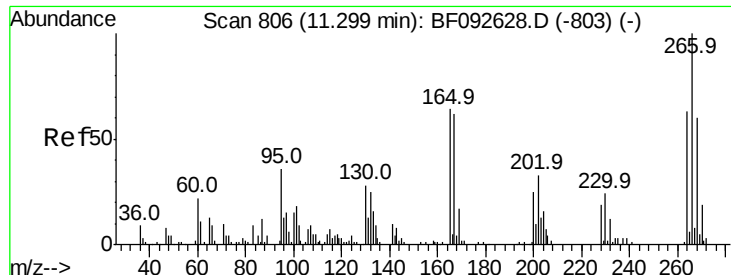
#68
Atrazine
Concen: 45.14 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	266597		
173	27.4	9.6	49.6	
215	47.6	25.7	65.7	



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





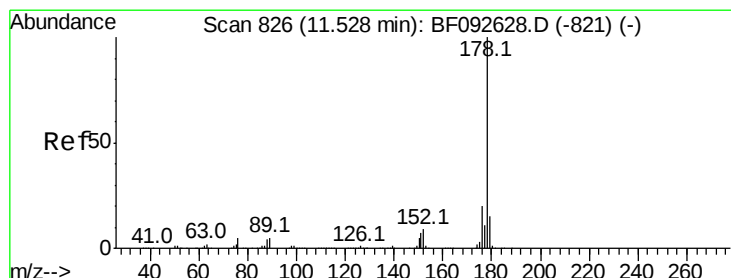
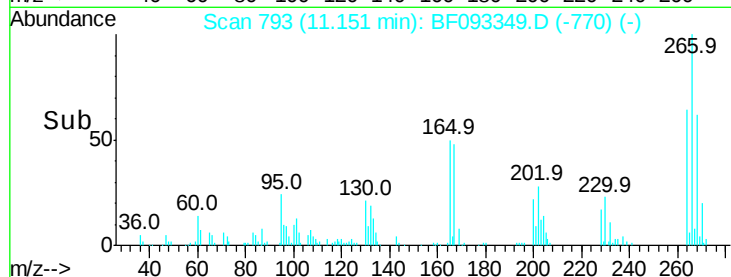
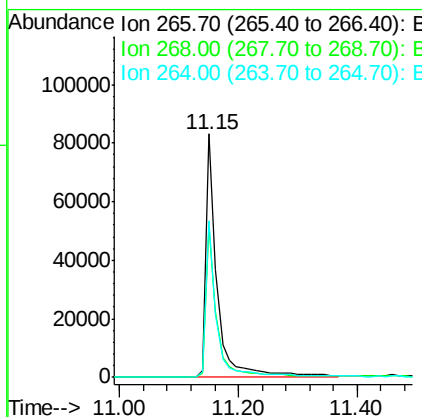
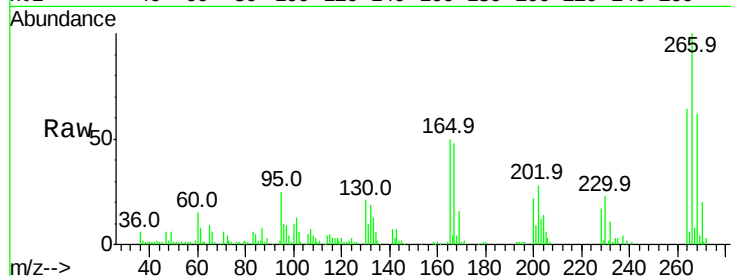
#69
 Pentachlorophenol
 Concen: 40.85 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	113531		
268	62.2	53.3	79.9	
264	64.3	50.3	75.5	

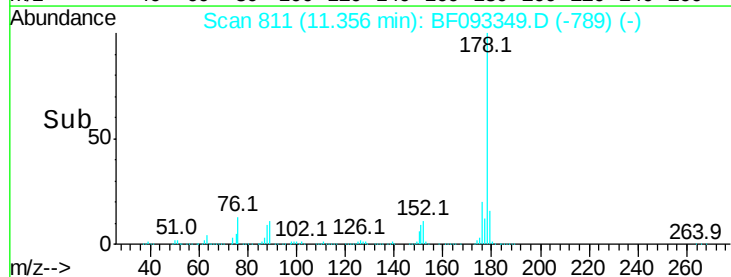
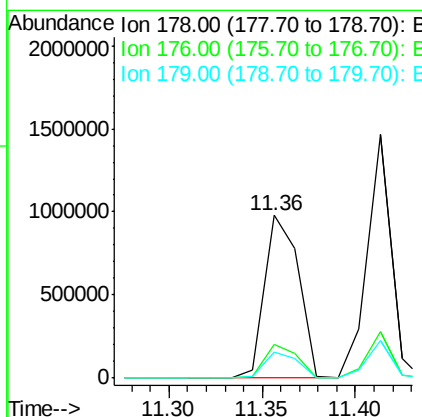
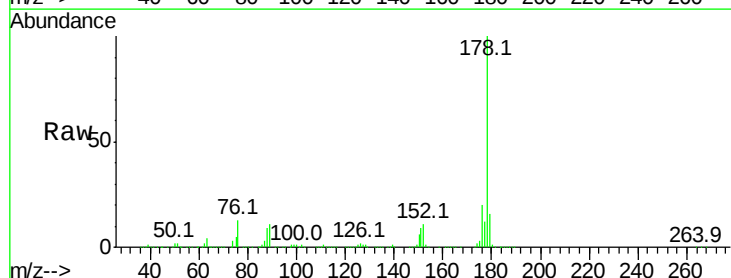
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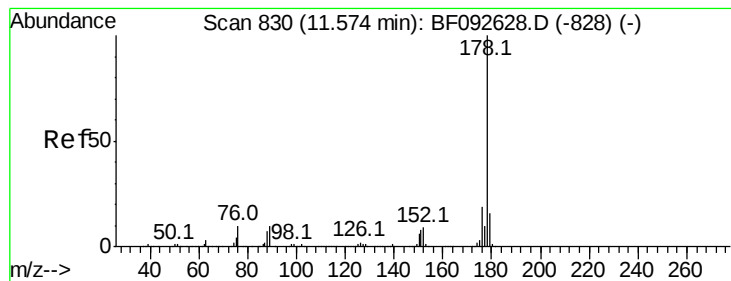
mohammad
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#70
 Phenanthrene
 Concen: 37.82 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1248437		
176	20.4	16.6	25.0	
179	16.2	12.8	19.2	





#71

Anthracene

Concen: 39.21 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1299647

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

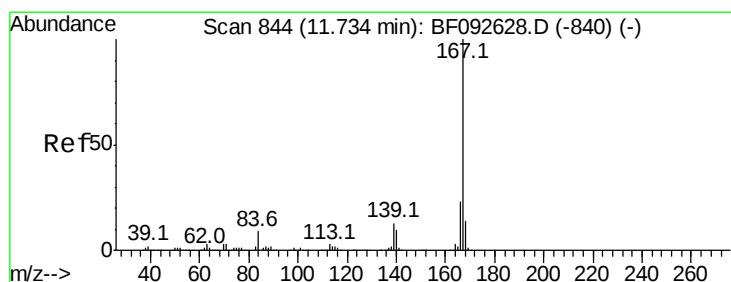
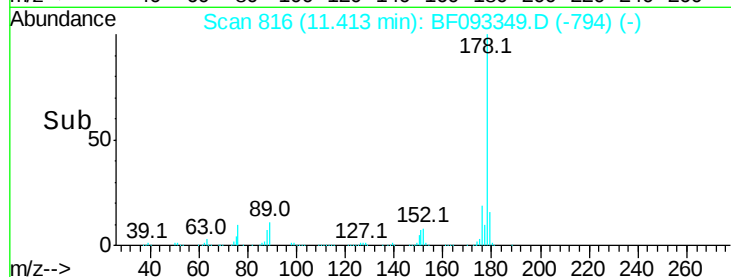
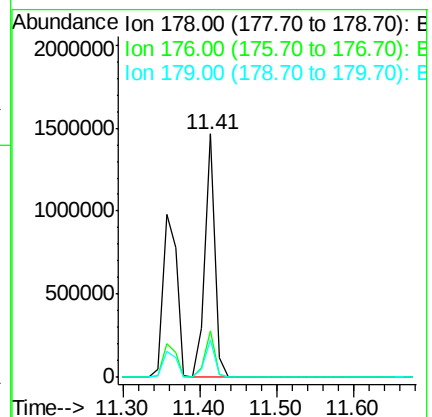
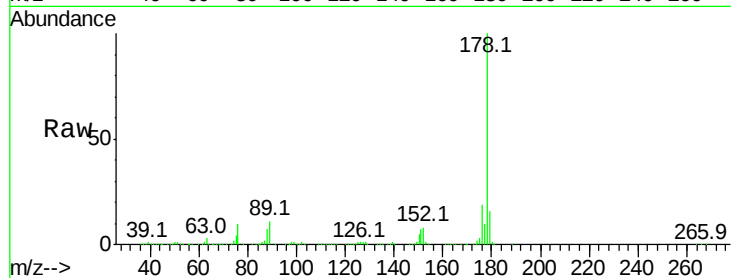
179 15.5 13.2 19.8

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3/3/2017 5:17:06 PM



#72

Carbazole

Concen: 38.12 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

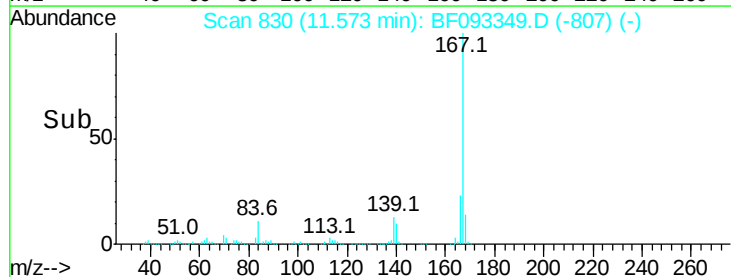
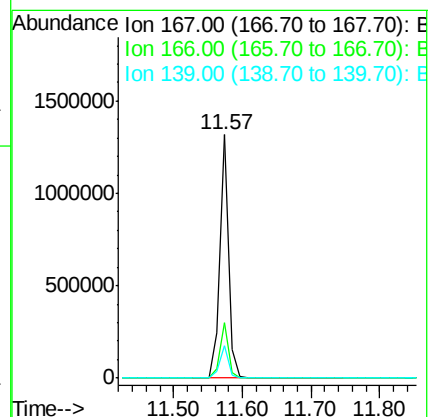
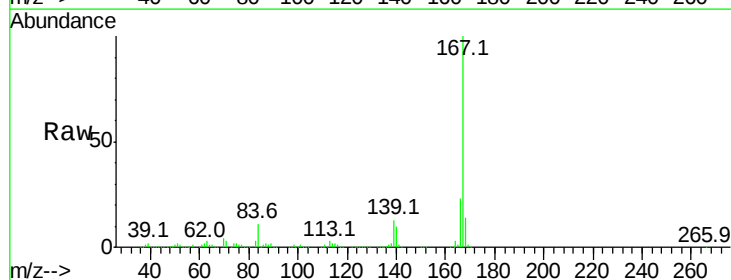
Tgt Ion:167 Resp: 1207848

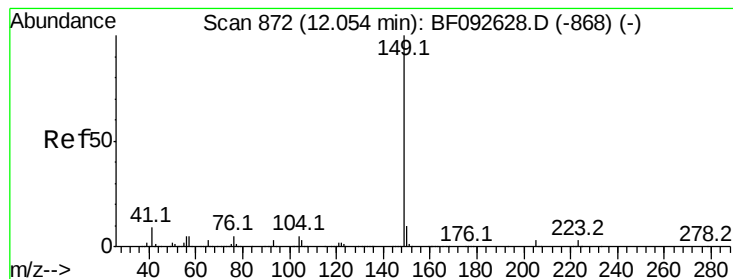
Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

139 13.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 39.94 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

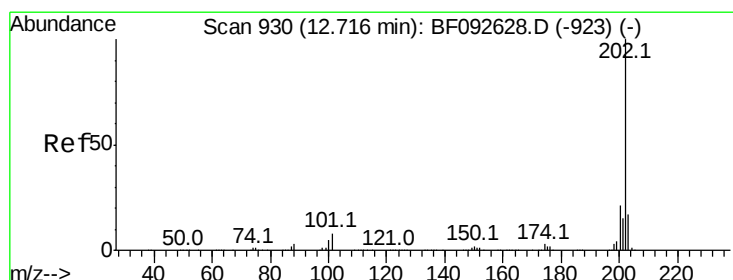
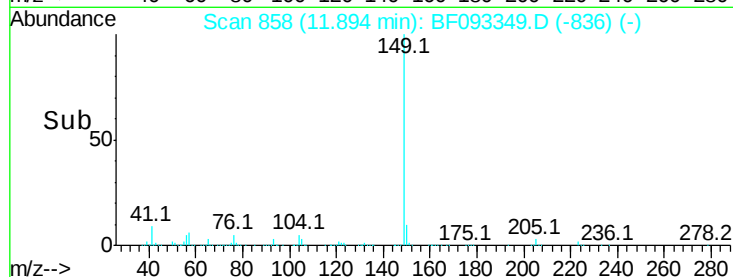
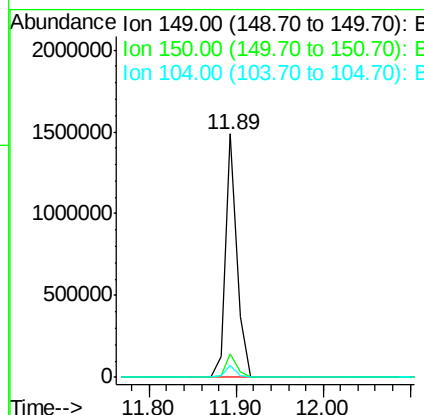
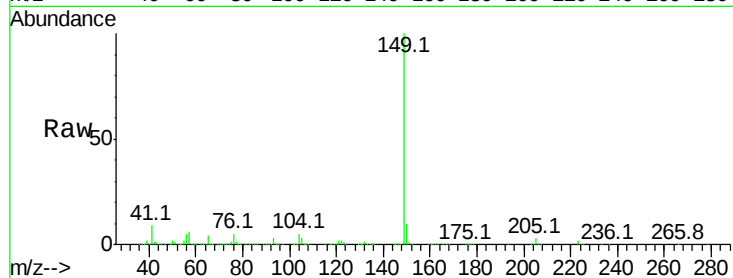
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	1368654
Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.7	4.6	7.0

Manual Integrations
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#74

Fluoranthene

Concen: 37.67 ng

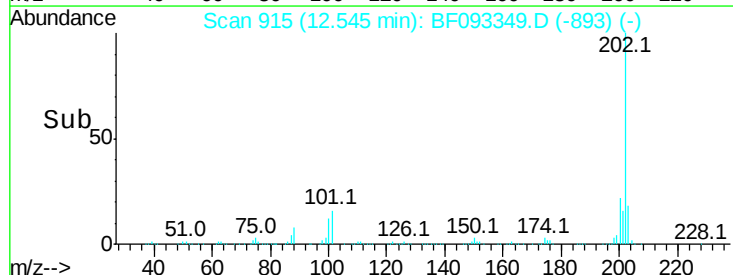
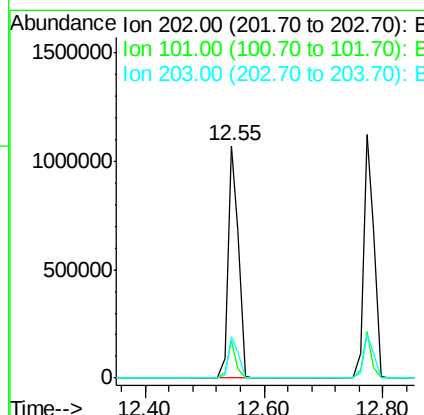
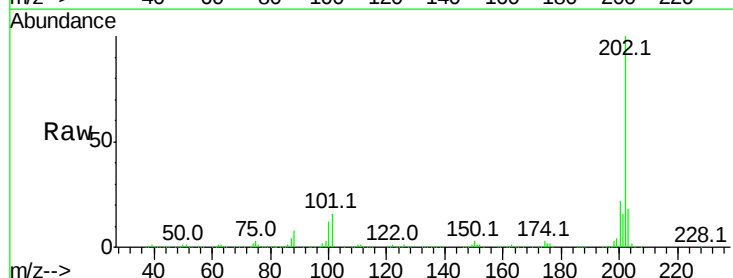
RT: 12.55 min Scan# 915

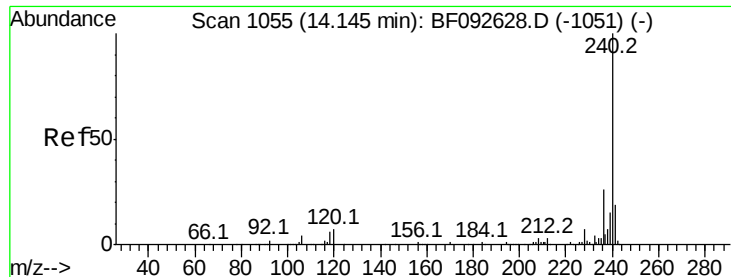
Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion:	202	Resp:	1282662
Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	34.6
203	18.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Instrument :

BNA_F

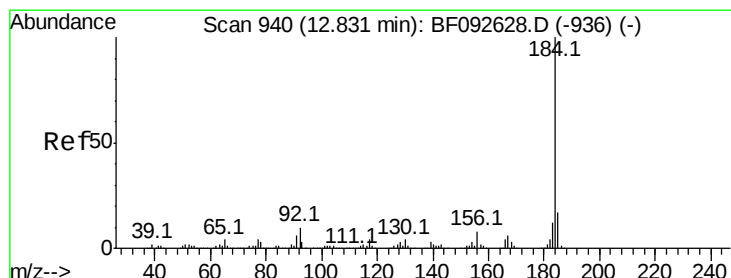
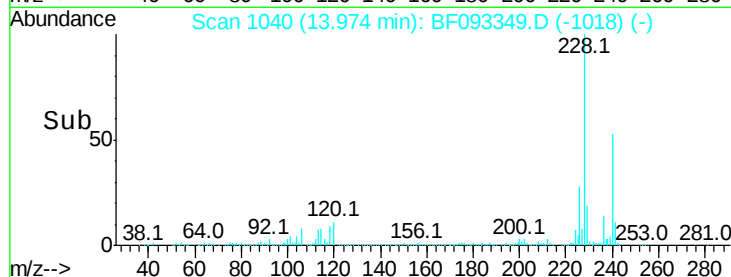
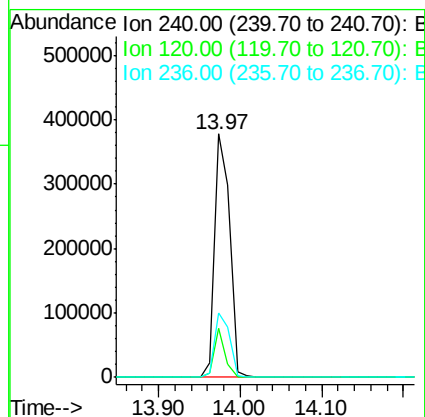
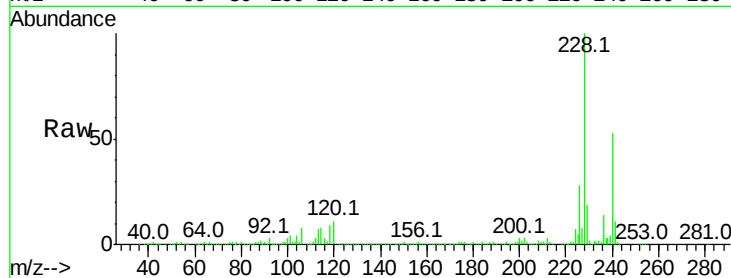
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.3	12.9	19.3#
236	26.2	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 31.84 ng

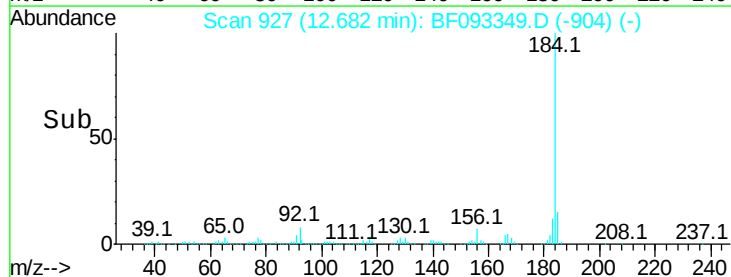
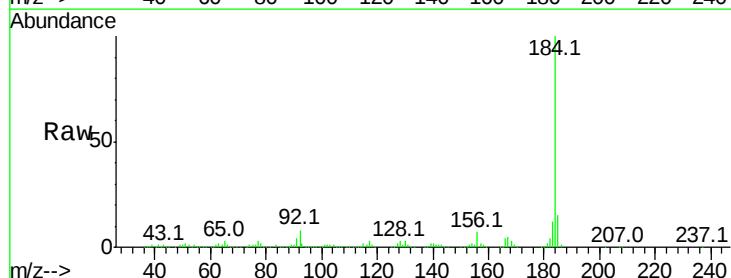
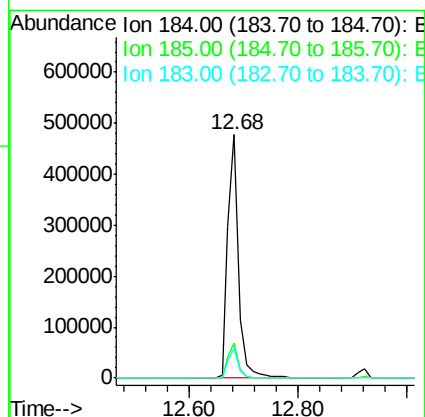
RT: 12.68 min Scan# 927

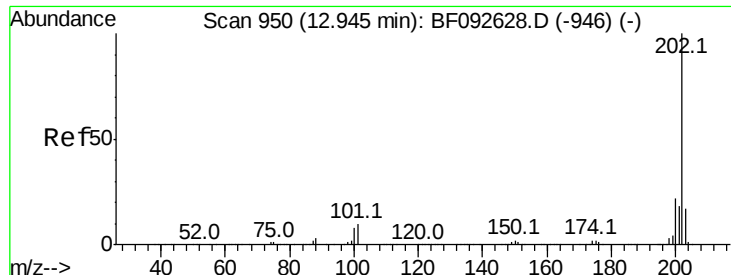
Delta R.T. -0.03 min

Lab File: BF093349.D

Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	12.0	9.2	13.8





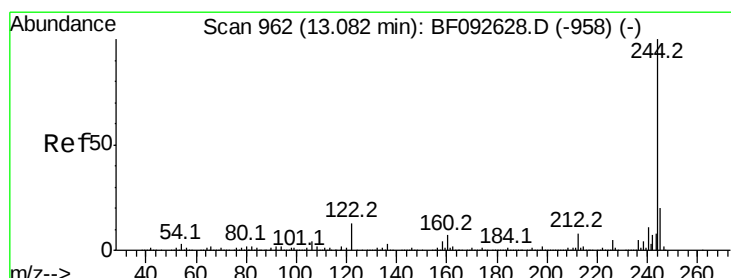
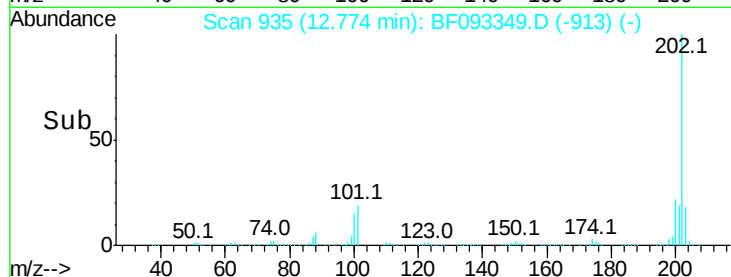
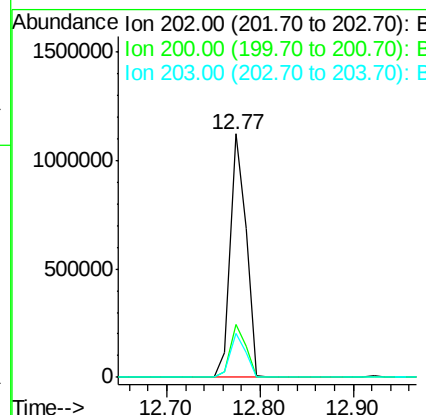
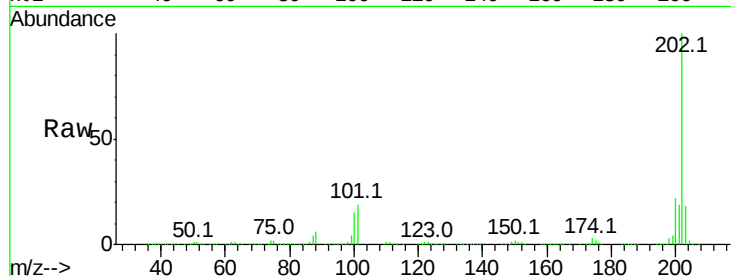
#77
Pvrene
Concen: 36.38 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.9	14.7	22.1

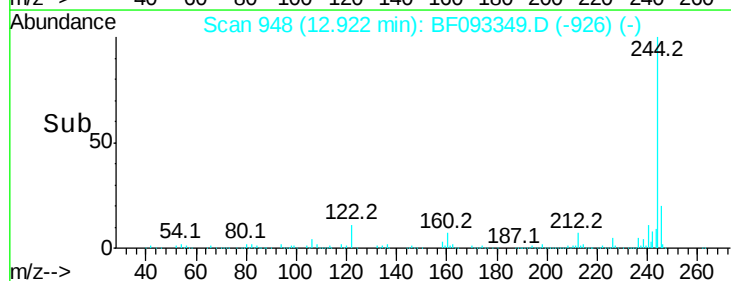
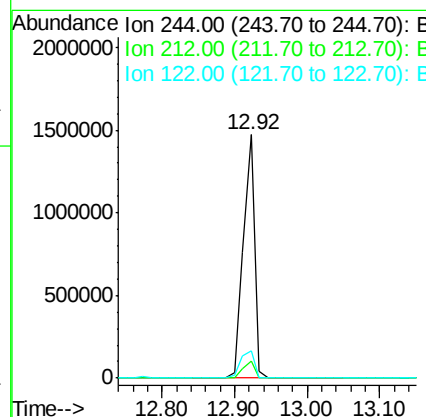
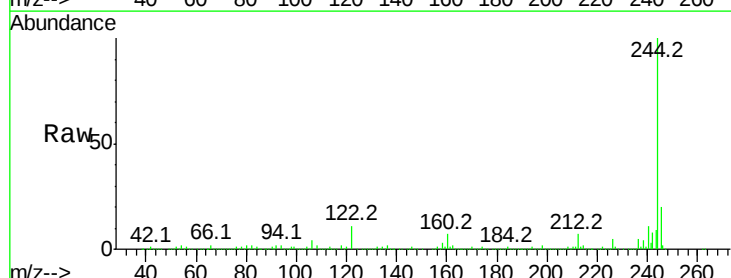
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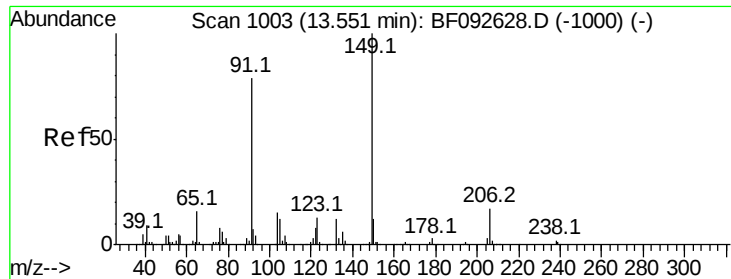
mohammad
3/3/2017 5:17:06 PM



#78
Terphenyl-d14
Concen: 76.60 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	11.1	11.4	17.2#





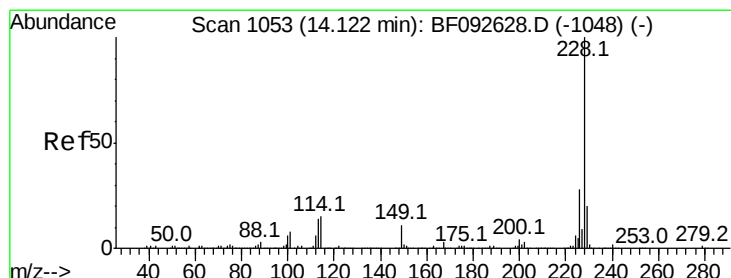
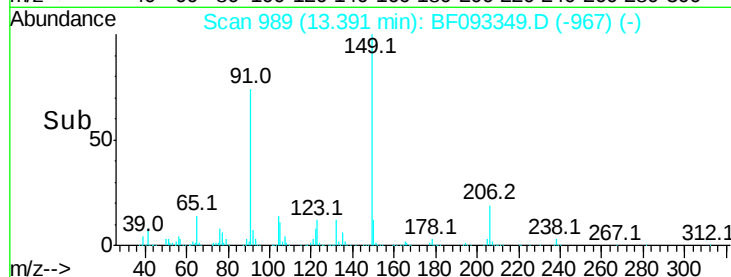
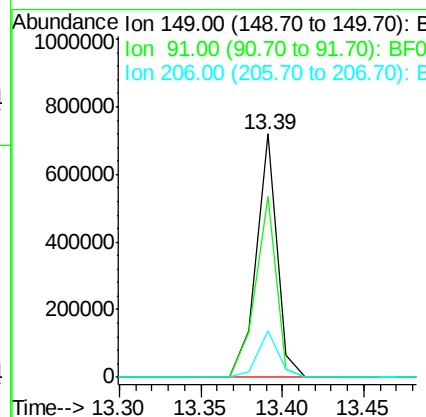
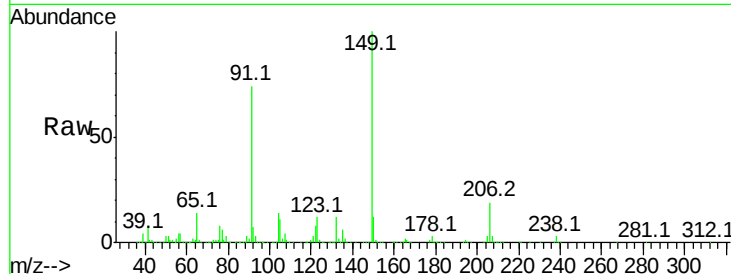
#79
Butylbenzylphthalate
Concen: 42.60 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	63.9	95.9
206	19.1	14.6	21.8

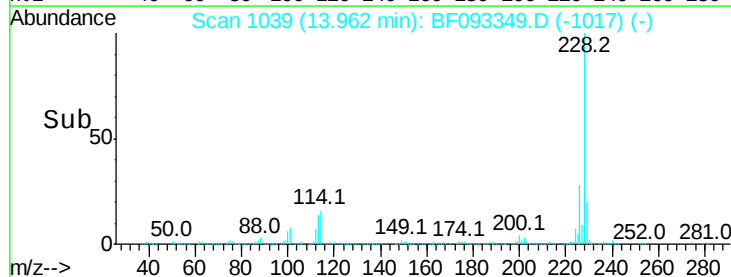
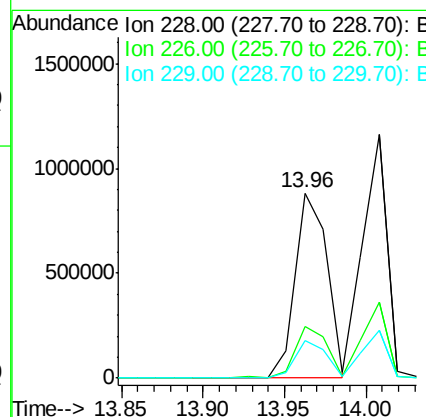
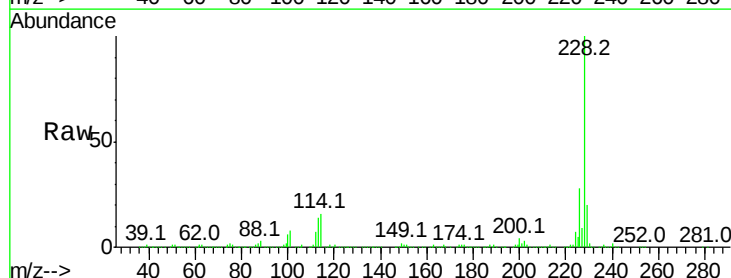
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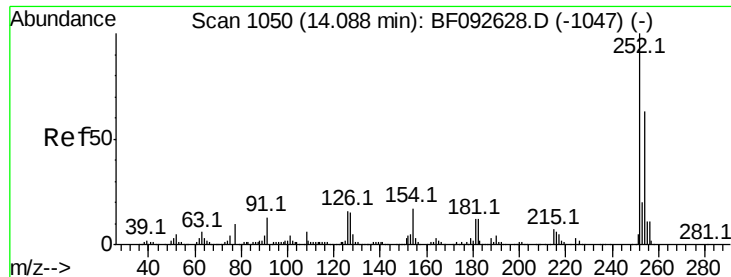
mohammad
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#80
Benzo(a)anthracene
Concen: 40.14 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	20.0	16.2	24.4





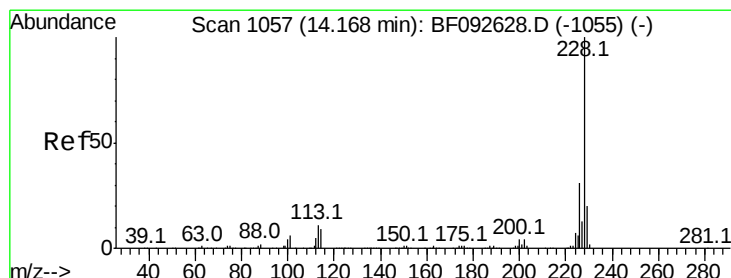
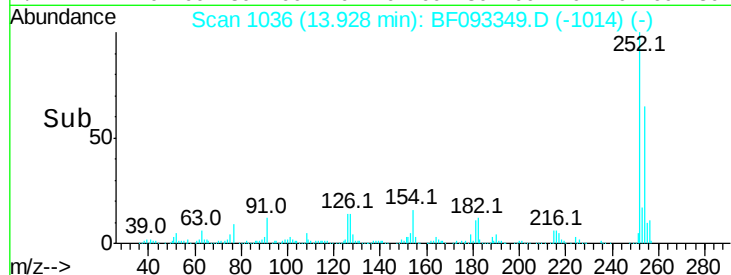
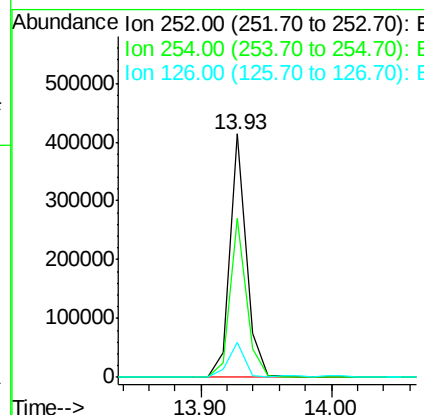
#81
 3,3'-Dichlorobenzidine
 Concen: 34.68 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.3	78.5
126	14.4	13.6	20.4

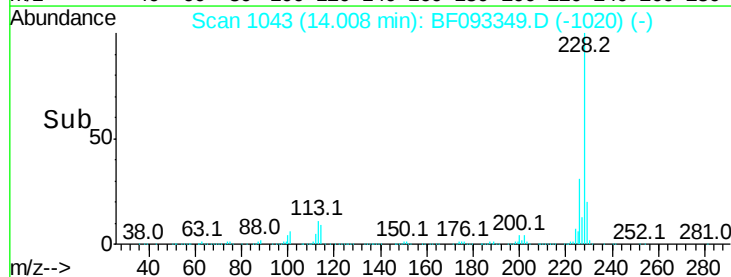
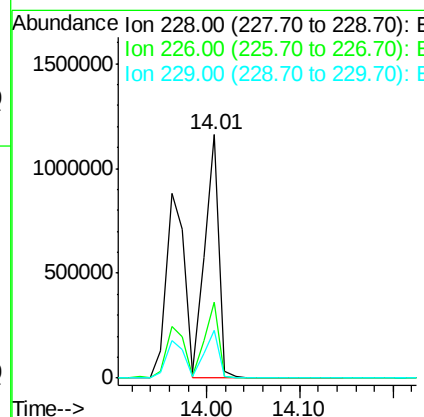
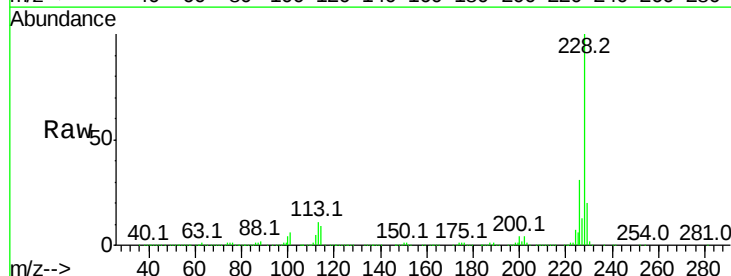
Manual Integrations
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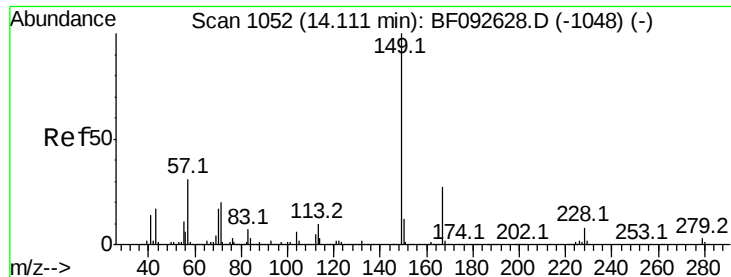
mohammad
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#82
 Chrysene
 Concen: 43.71 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	19.7	16.2	24.2





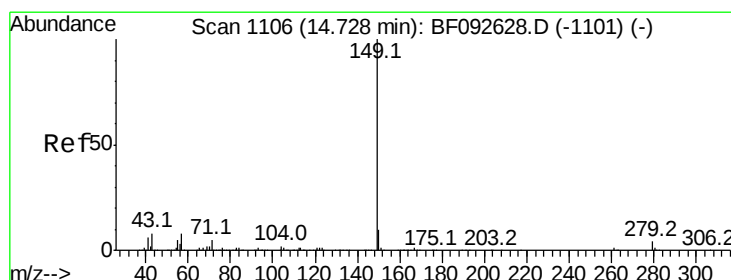
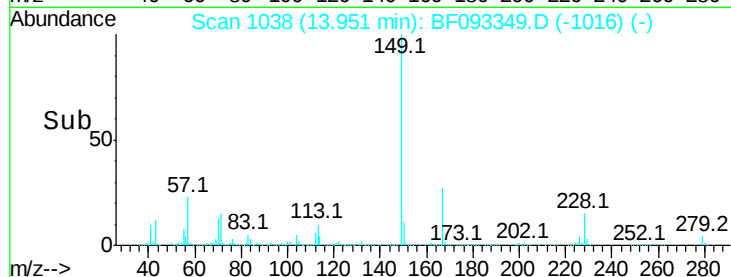
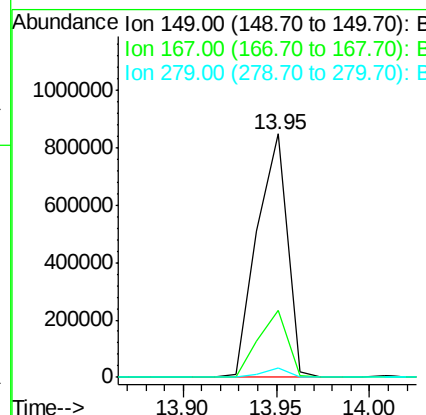
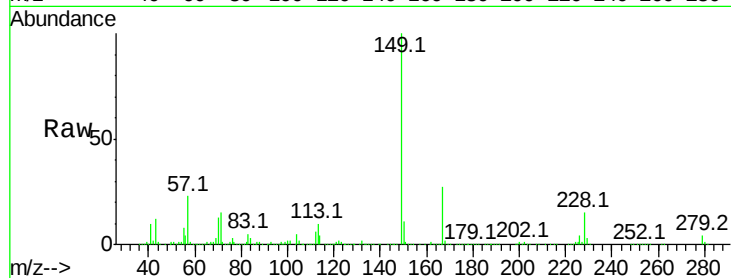
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.80 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	20.2	30.4
279	4.0	1.8	2.8

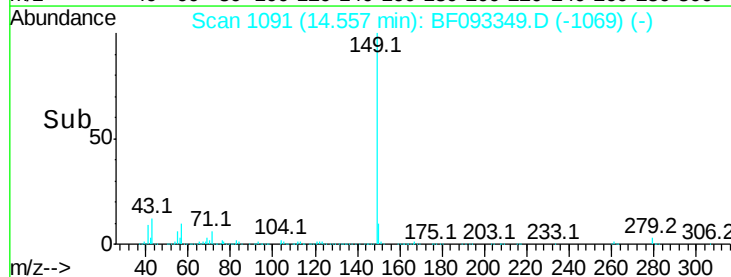
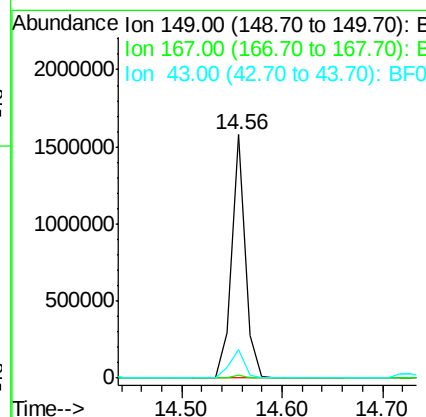
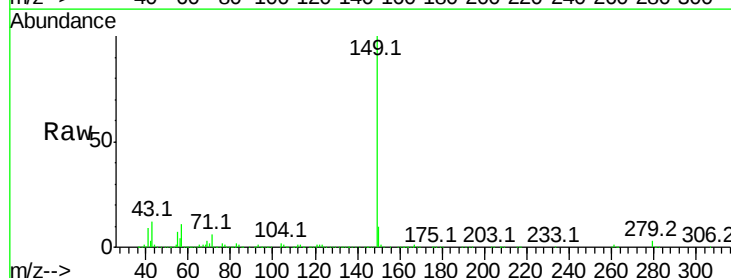
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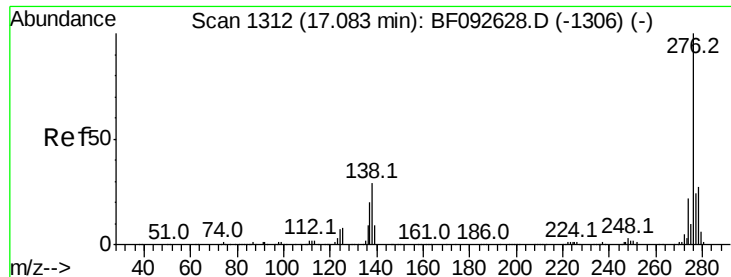
mohammad
 3/3/2017 5:17:06 PM



#84
 Di-n-octyl phthalate
 Concen: 44.88 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.05 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.2	8.9	13.3





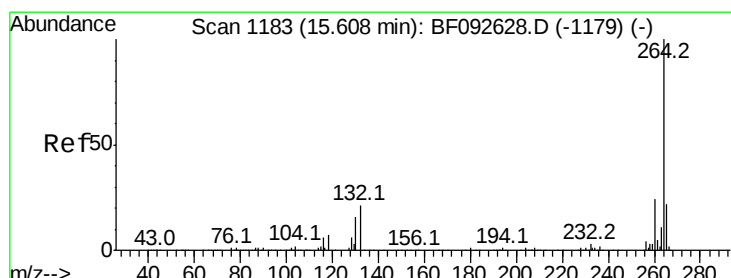
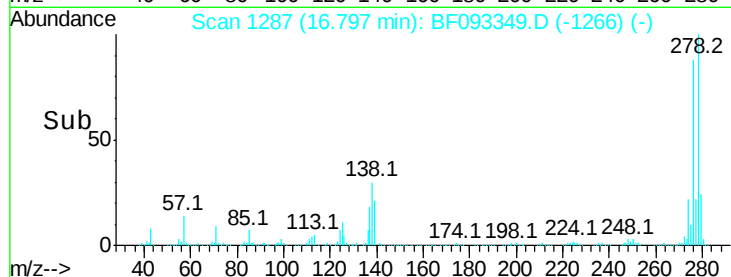
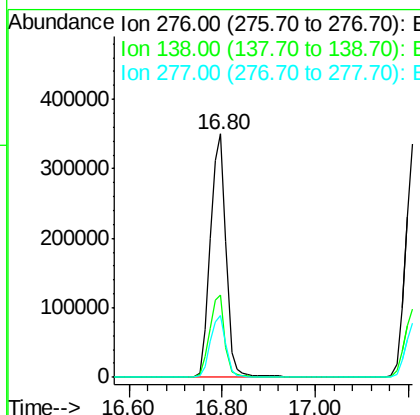
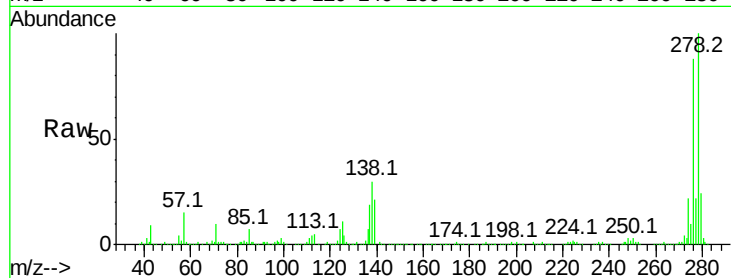
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.22 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6
277	25.3	20.2	30.4

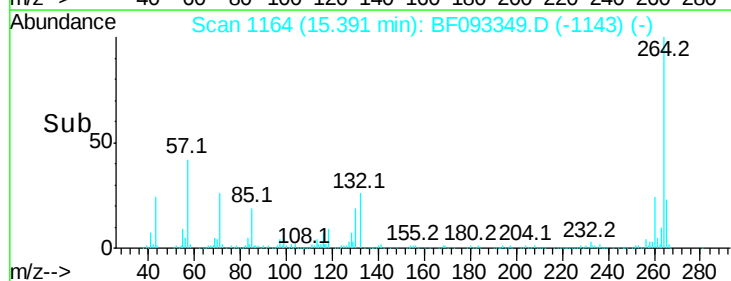
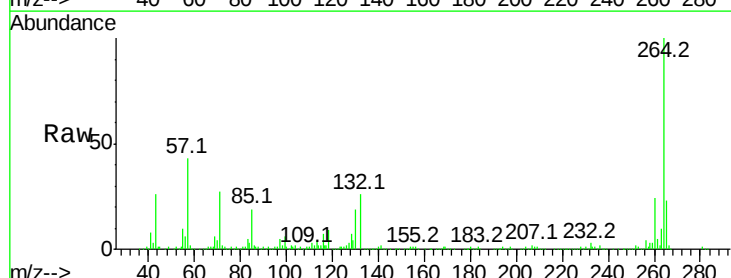
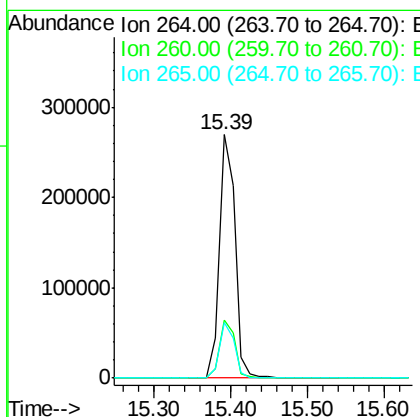
Manual Integrations
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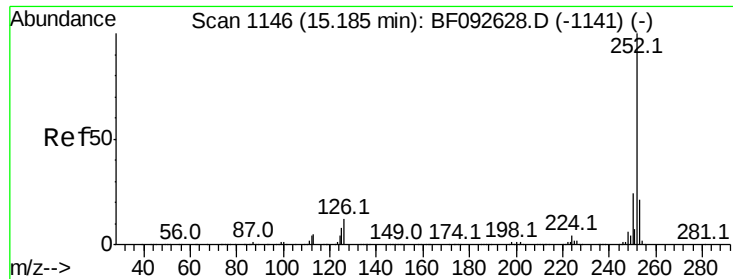
mohammad
3/3/2017 5:17:06 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.6	17.4	26.0





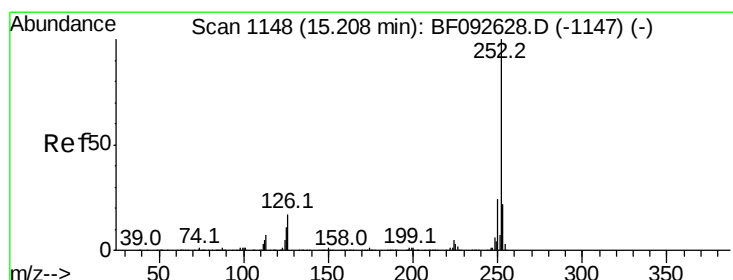
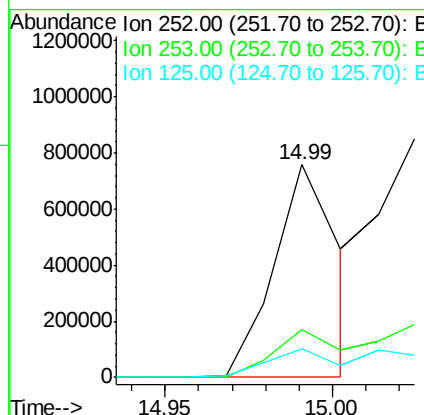
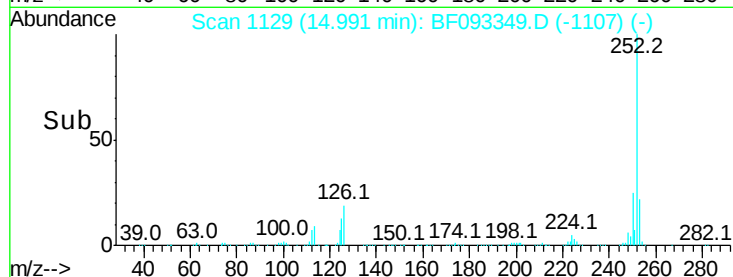
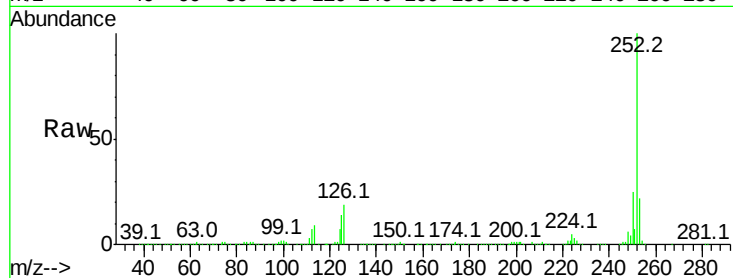
#87
Benzo(b)fluoranthene
Concen: 40.12 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1019883
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 13.5 9.8 14.6

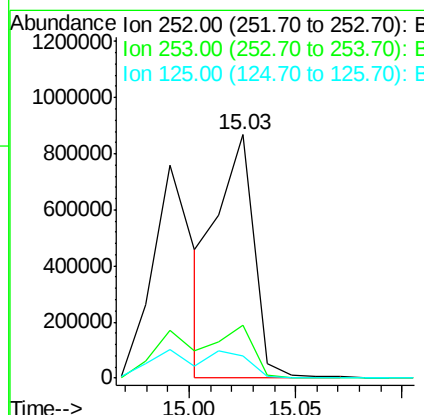
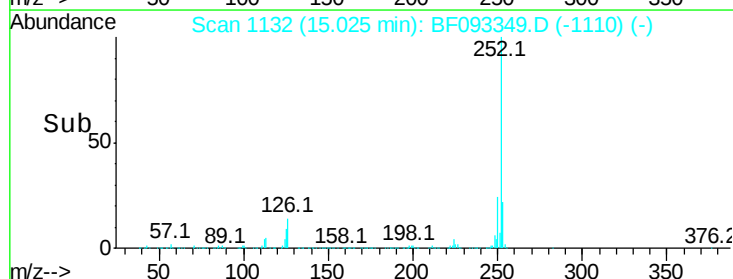
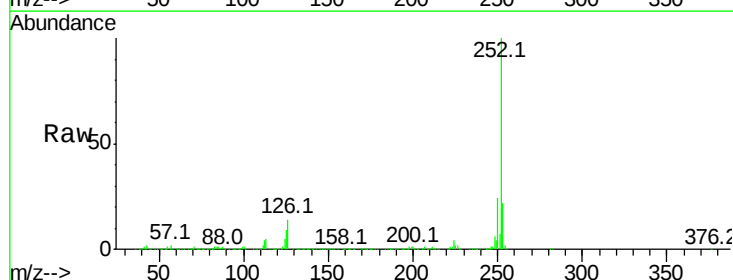
Manual Integrations
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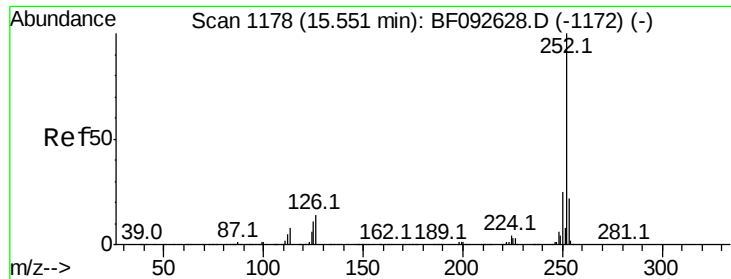
mohammad
3/3/2017 5:17:06 PM



#88
Benzo(k)fluoranthene
Concen: 47.61 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion:252 Resp: 1045006
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 9.1 8.9 13.3





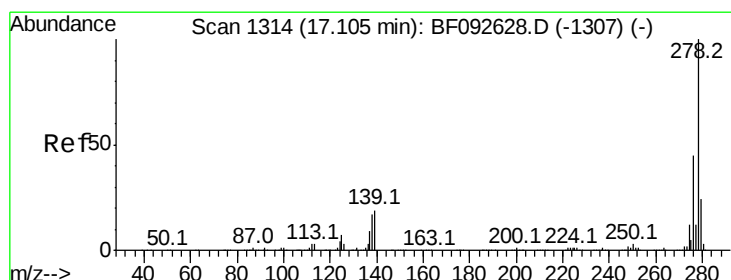
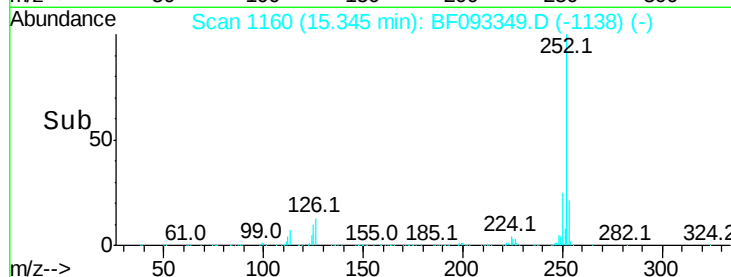
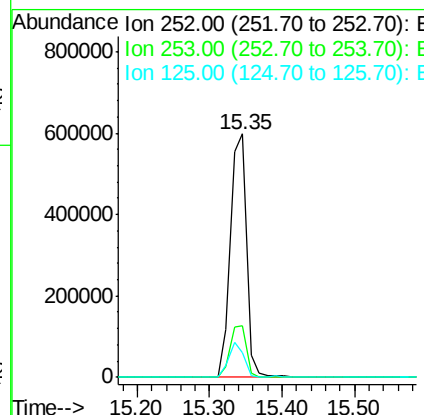
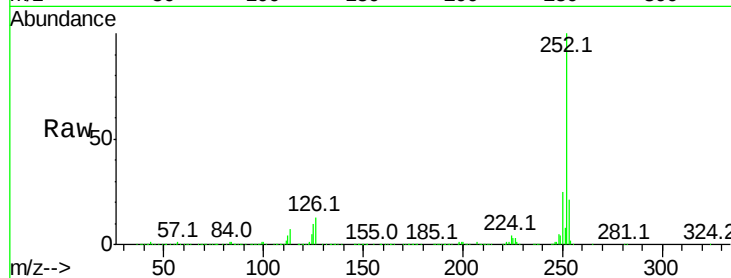
#89
Benzo(a)pyrene
Concen: 42.31 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	9.9	10.0	15.0

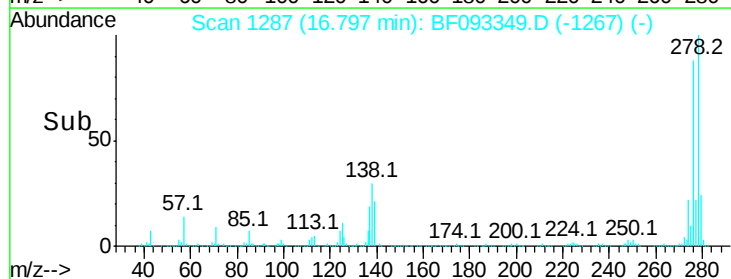
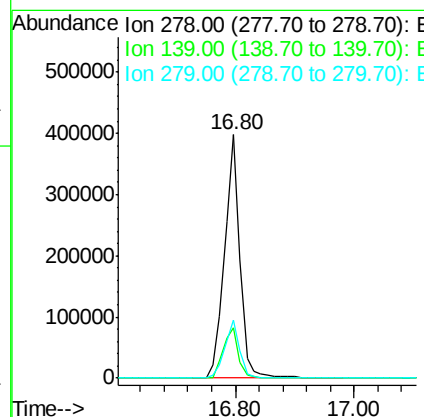
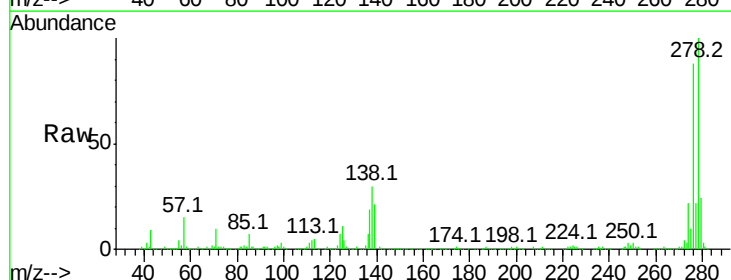
Manual Integrations
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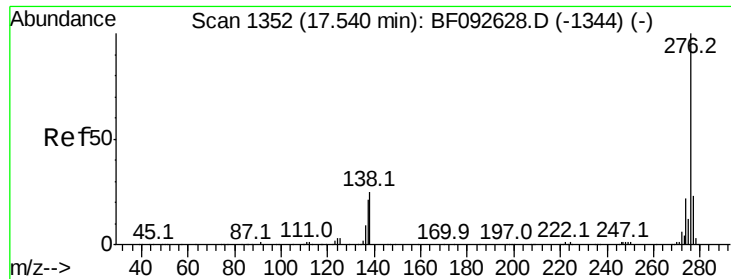
mohammad
3/3/2017 5:17:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.19 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.07 min
Lab File: BF093349.D
Acq: 3 Mar 2017 8:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.33 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.08 min
 Lab File: BF093349.D
 Acq: 3 Mar 2017 8:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.3	19.2	28.8
138	29.1	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:17:06 PM

