

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093386.D
 Acq On : 4 Mar 2017 5:44
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/6/2017 4:23:41 PM

Quant Time: Mar 05 23:52:20 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	6.78	152	168772	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	656330	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	287060	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	449463	20.00	ng	-0.07
75) Chrysene-d12	13.95	240	294577	20.00	ng	-0.07
86) Perylene-d12	15.36	264	282441	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	830656	84.44	ng	-0.08
7) Phenol-d6	6.44	99	1022014	80.74	ng	-0.05
23) Nitrobenzene-d5	7.36	82	951400	80.72	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	148605	71.58	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1415155	89.31	ng	-0.07
78) Terphenyl-d14	12.89	244	1038655	82.85	ng	-0.08

Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	218975	41.20	ng	# 85
3) Pyridine	2.99	79	622090	46.02	ng	88
4) n-Nitrosodimethylamine	2.96	42	286246	45.10	ng	86
6) Aniline	6.45	93	671632	38.90	ng	83
8) 2-Chlorophenol	6.57	128	437416	40.30	ng	88
9) Benzaldehyde	6.33	77	324124	35.74	ng	86
10) Phenol	6.45	94	597691	40.36	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	474511	40.14	ng	91
12) 1,3-Dichlorobenzene	6.73	146	503709	39.63	ng	99
13) 1,4-Dichlorobenzene	6.81	146	501660m	38.99	ng	
14) 1,2-Dichlorobenzene	6.96	146	478337	38.88	ng	98
15) Benzyl Alcohol	6.94	79	349505	37.30	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	798823	38.90	ng	85
17) 2-Methylphenol	7.06	107	362406	38.92	ng	94
18) Hexachloroethane	7.30	117	170702	38.87	ng	# 85
19) n-Nitroso-di-n-propylamine	7.21	70	309697	38.44	ng	93
20) 3+4-Methylphenols	7.22	107	488923	43.92	ng	# 75
22) Acetophenone	7.21	105	619534	41.34	ng	# 97
24) Nitrobenzene	7.38	77	520595	43.02	ng	99
25) Isophorone	7.62	82	907467	41.32	ng	96
26) 2-Nitrophenol	7.70	139	244397	42.48	ng	90
27) 2,4-Dimethylphenol	7.74	122	416683	41.24	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	574096	39.47	ng	100
29) 2,4-Dichlorophenol	7.95	162	356618	37.85	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	385678	37.98	ng	97
31) Naphthalene	8.10	128	1293258	38.87	ng	99
32) Benzoic acid	7.88	122	198562	36.67	ng	96
33) 4-Chloroaniline	8.16	127	528381	40.49	ng	98
34) Hexachlorobutadiene	8.21	225	206811	37.02	ng	99
35) Caprolactam	8.53	113	116616	39.35	ng	# 34
36) 4-Chloro-3-methylphenol	8.65	107	388246	39.52	ng	97
37) 2-Methylnaphthalene	8.78	142	769839	36.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	368866	45.78	ng	99
40) Hexachlorocyclopentadiene	8.93	237	73427	20.20	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	226290	42.74	nq	93
43) 2,4,5-Trichlorophenol	9.12	196	246310	42.46	nq	96
45) 1,1'-Biphenyl	9.25	154	956129	46.00	nq	99
46) 2-Chloronaphthalene	9.28	162	758068	46.62	nq	98
47) 2-Nitroaniline	9.38	65	261025	47.74	nq	94
48) Acenaphthylene	9.69	152	1179713	42.00	nq	99
49) Dimethylphthalate	9.55	163	817573	42.28	nq	99
50) 2,6-Dinitrotoluene	9.62	165	174668	41.83	nq	# 57
51) Acenaphthene	9.86	154	685640	40.83	nq	96
52) 3-Nitroaniline	9.79	138	204706	42.84	nq	96
53) 2,4-Dinitrophenol	9.92	184	33661	19.64	nq	# 72
54) Dibenzofuran	10.03	168	891291	39.68	nq	95
55) 4-Nitrophenol	9.97	139	104421	30.34	nq	# 85
56) 2,4-Dinitrotoluene	10.03	165	212788	38.28	nq	# 86
57) Fluorene	10.37	166	774112	44.79	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	166246	42.96	nq	95
59) Diethylphthalate	10.25	149	829961	45.55	nq	98
60) 4-Chlorophenyl-phenylether	10.36	204	346310	41.71	nq	89
61) 4-Nitroaniline	10.41	138	223929	45.75	nq	95
62) Azobenzene	10.52	77	907328	48.20	nq	96
64) 4,6-Dinitro-2-methylphenol	10.44	198	80265	30.38	nq	# 51
65) n-Nitrosodiphenylamine	10.49	169	673364	46.90	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	201088	42.82	nq	# 86
67) Hexachlorobenzene	10.92	284	187505	40.41	nq	96
68) Atrazine	11.01	200	195899	42.52	nq	99
69) Pentachlorophenol	11.13	266	70100	33.83	nq	97
70) Phenanthrene	11.33	178	1034918	40.19	nq	99
71) Anthracene	11.38	178	997892	38.59	nq	99
72) Carbazole	11.54	167	967308	39.13	nq	99
73) Di-n-butylphthalate	11.87	149	1190532	44.53	nq	# 97
74) Fluoranthene	12.52	202	897146	33.78	nq	93
76) Benzidine	12.65	184	755090	60.15	nq	98
77) Pyrene	12.75	202	889612	40.35	nq	98
79) Butylbenzylphthalate	13.36	149	380390	42.49	nq	96
80) Benzo(a)anthracene	13.94	228	693105	38.47	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	253642	39.49	nq	98
82) Chrysene	13.97	228	696973	41.32	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	534505	43.66	nq	99
84) Di-n-octyl phthalate	14.53	149	860031	43.14	nq	98
85) Indeno(1,2,3-cd)pyrene	16.74	276	637526	48.79	nq	# 93
87) Benzo(b)fluoranthene	14.96	252	628889m	33.83	nq	
88) Benzo(k)fluoranthene	14.99	252	690756m	43.03	nq	
89) Benzo(a)pyrene	15.31	252	654201	40.68	nq	97
90) Dibenzo(a,h)anthracene	16.75	278	558263	42.95	nq	97
91) Benzo(g,h,i)perylene	17.15	276	545540	41.55	nq	# 89

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

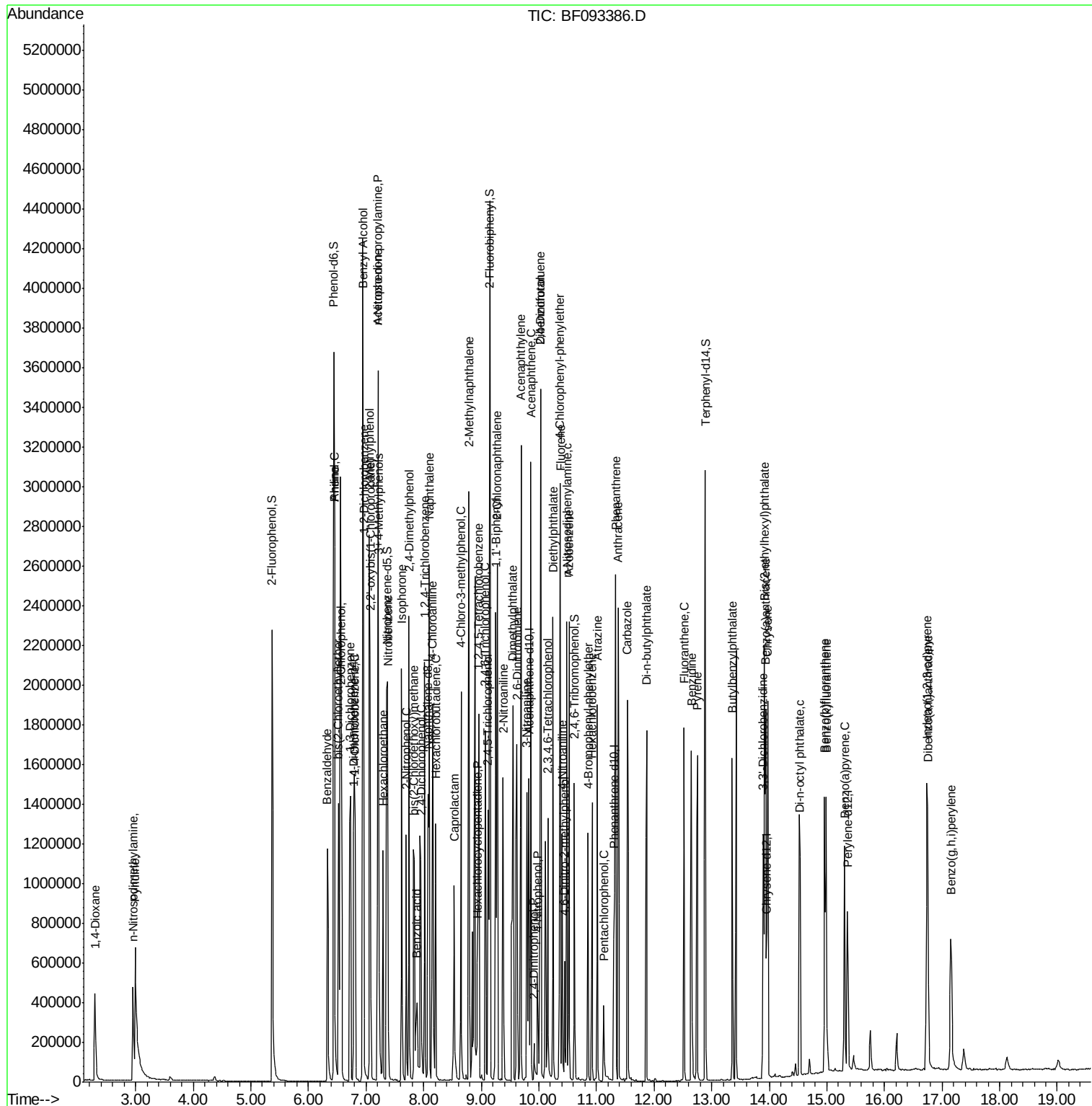
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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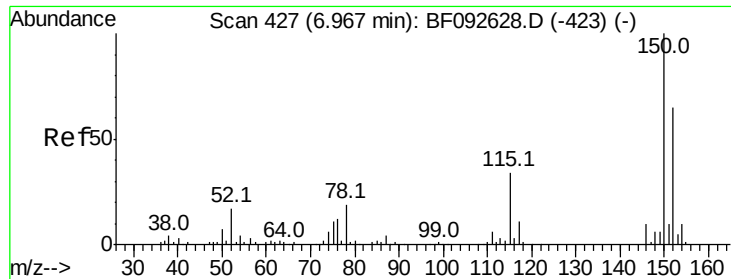
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

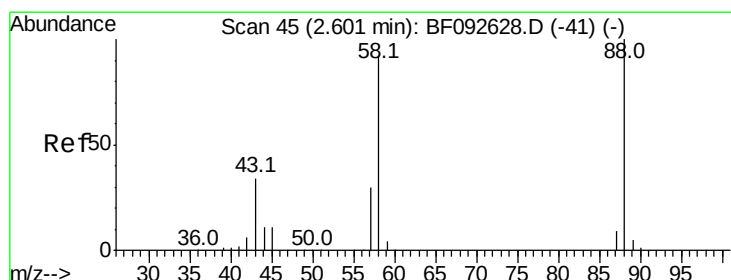
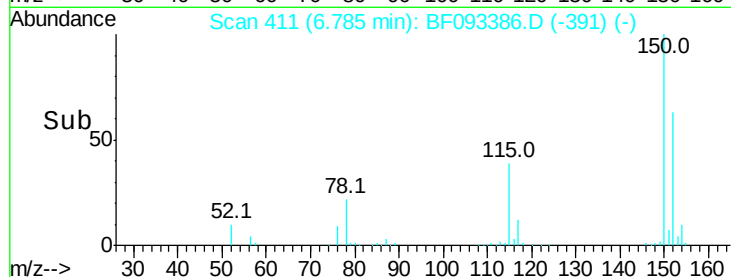
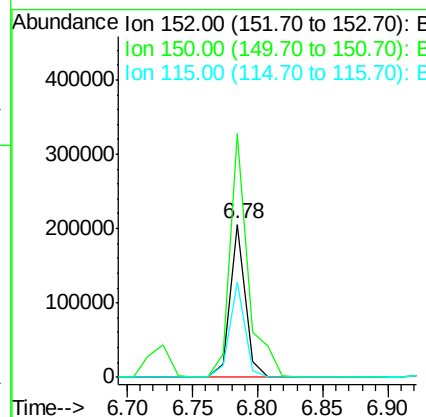
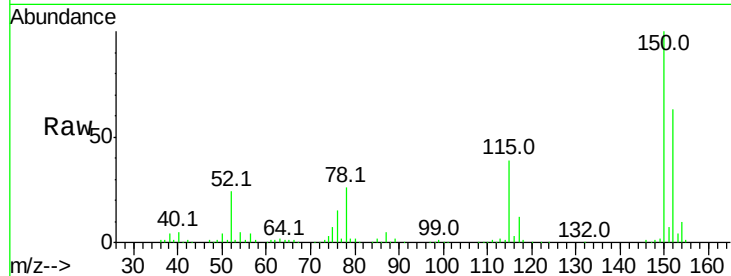
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.9	187.3
115	62.0	46.0	69.0

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#2

1,4-Dioxane

Concen: 41.20 ng

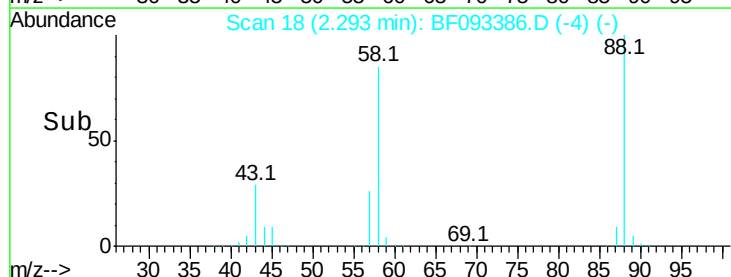
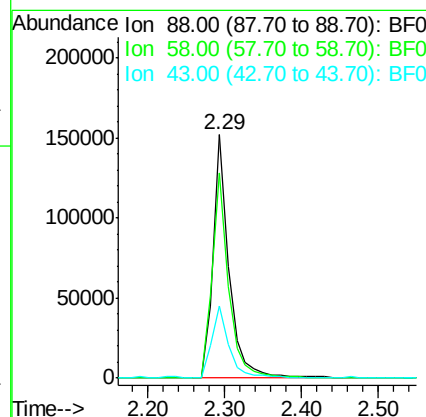
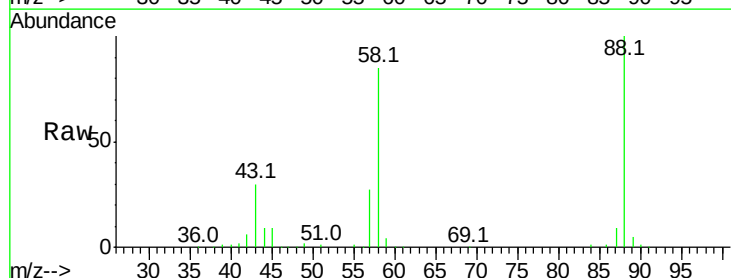
RT: 2.29 min Scan# 18

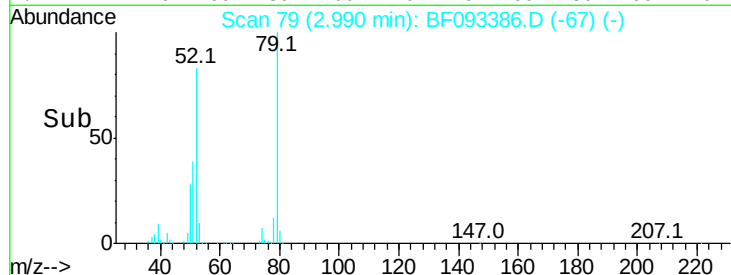
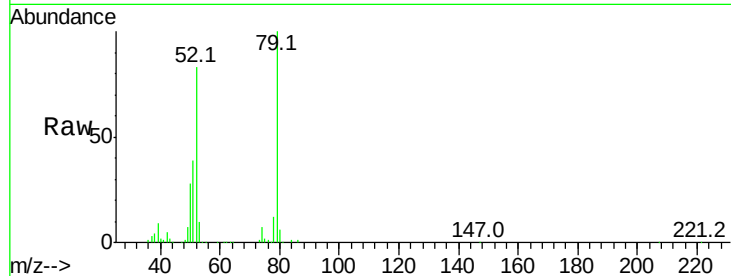
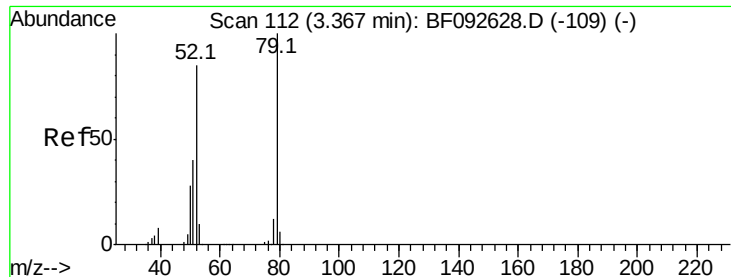
Delta R.T. -0.14 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.3	57.8	86.8#
43	31.7	22.3	33.5





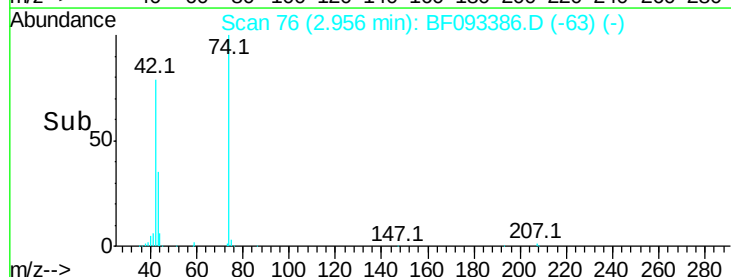
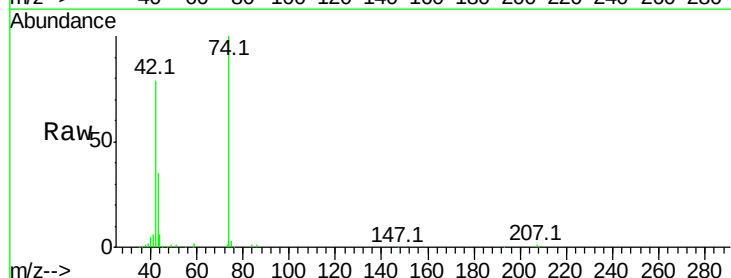
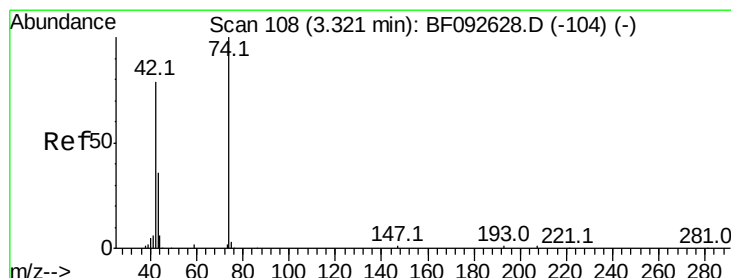
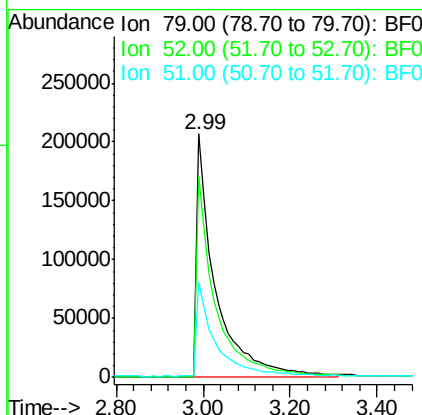
#3
 Pvridine
 Concen: 46.02 ng
 RT: 2.99 min Scan# 79
 Delta R.T. -0.16 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.9	57.1	85.7
51	39.2	27.3	40.9

Instrument :
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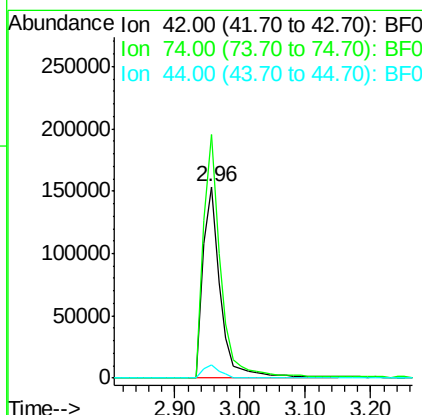
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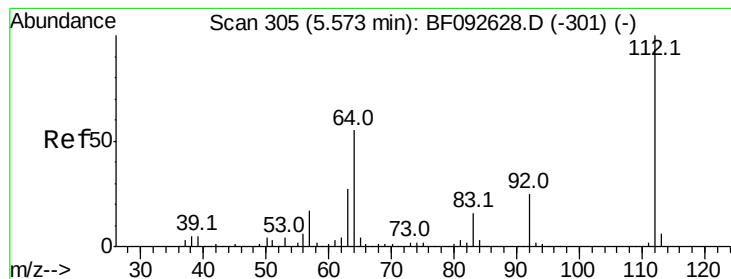
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#4
 n-Nitrosodimethylamine
 Concen: 45.10 ng
 RT: 2.96 min Scan# 76
 Delta R.T. -0.15 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.3	117.0	175.4
44	7.2	5.5	8.3





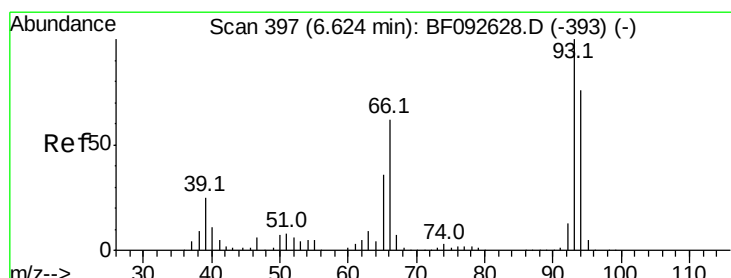
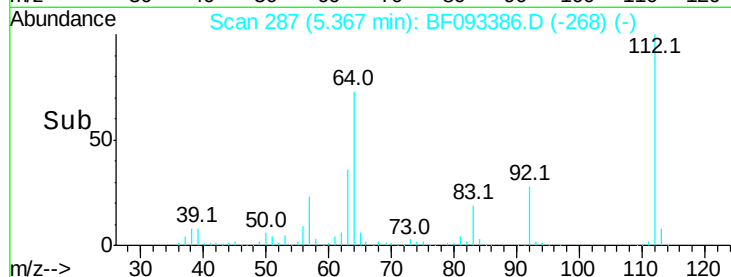
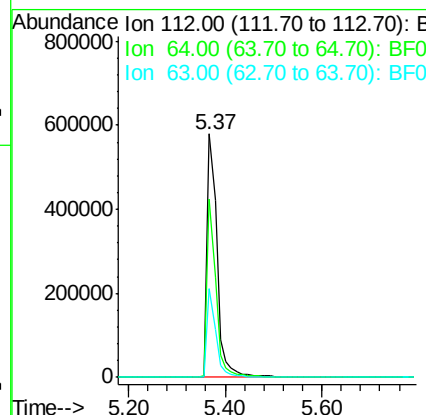
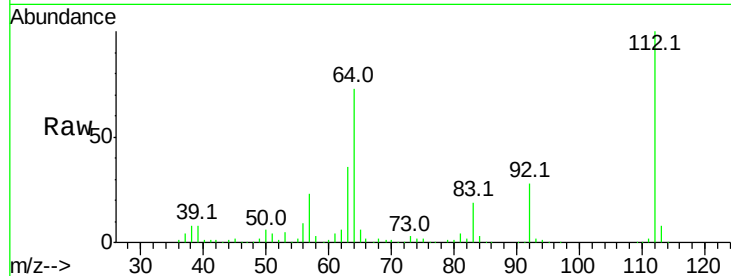
#5
2-Fluorophenol
Concen: 84.44 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.08 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	73.1	46.1	69.1#
63	36.4	23.8	35.6#

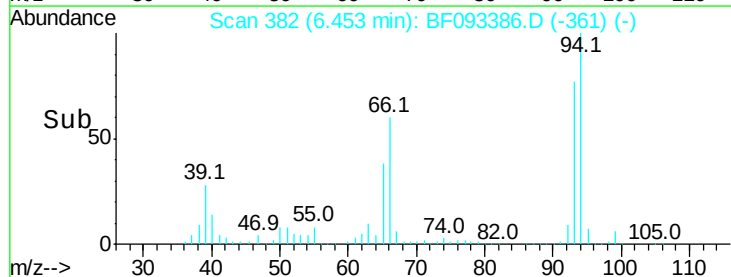
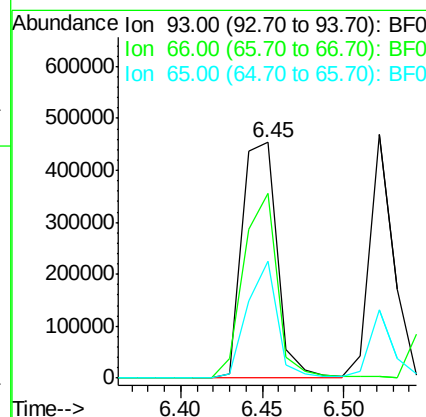
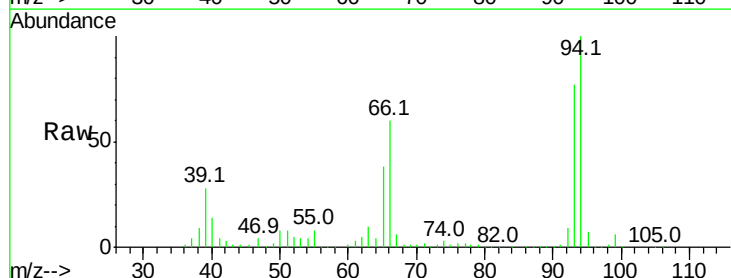
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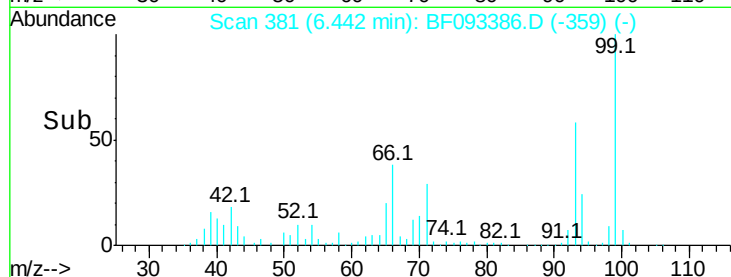
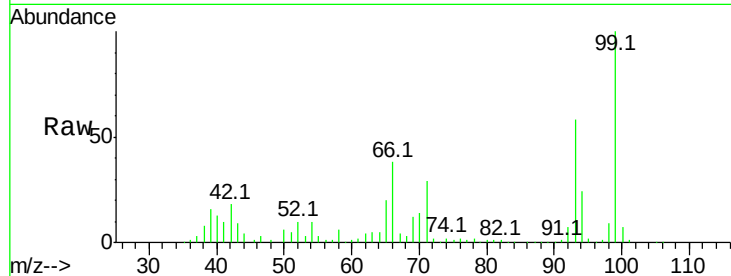
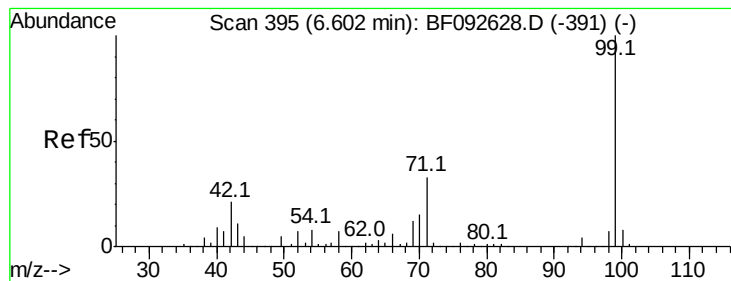
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#6
Aniline
Concen: 38.90 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	78.2	76.2	114.2
65	49.7	49.3	73.9





#7

Phenol-d6

Concen: 80.74 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tot Ion: 99 Resp: 1022014

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

71 28.8 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

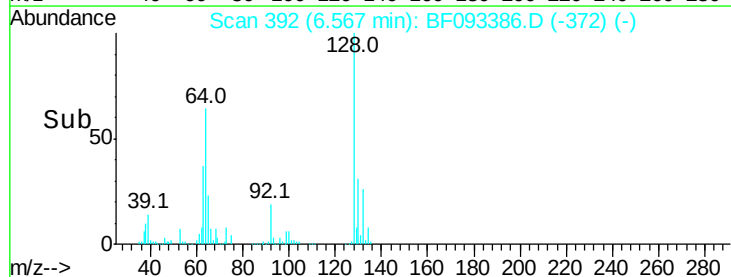
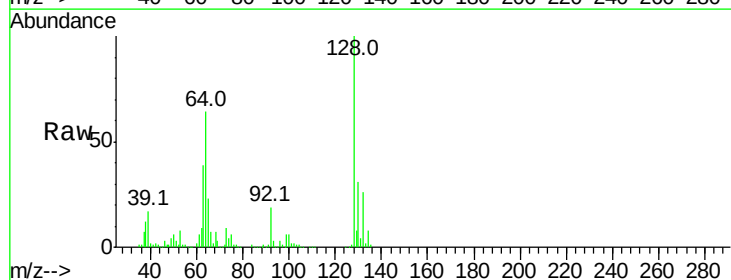
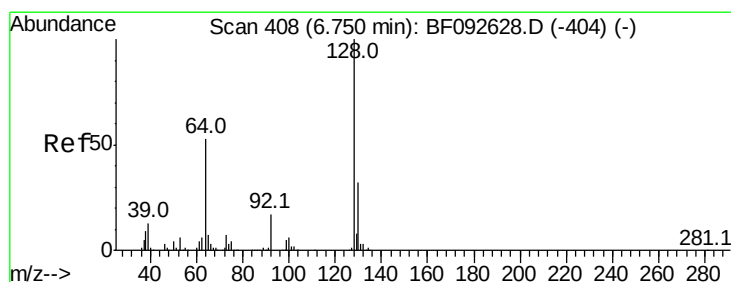
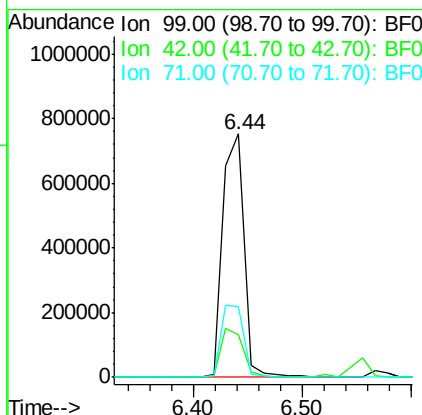
SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.30 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

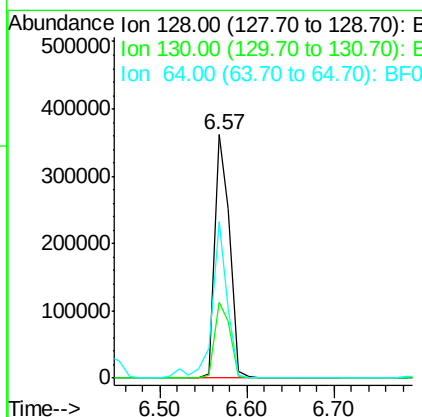
Tgt Ion:128 Resp: 437416

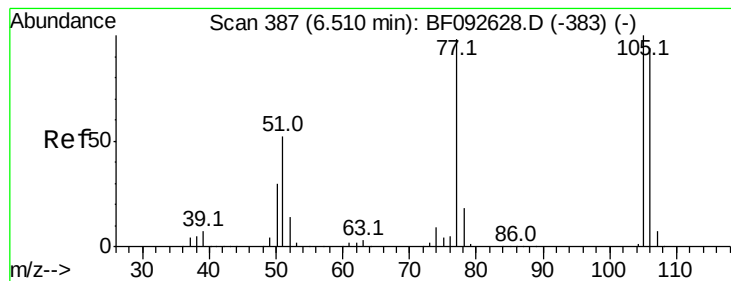
Ion Ratio Lower Upper

128 100

130 31.1 12.3 52.3

64 64.4 32.2 72.2





#9

Benzaldehyde

Concen: 35.74 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

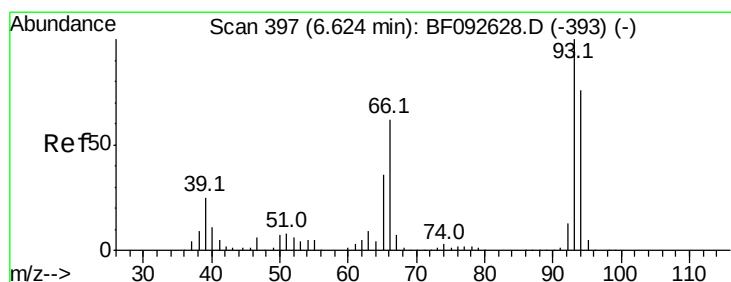
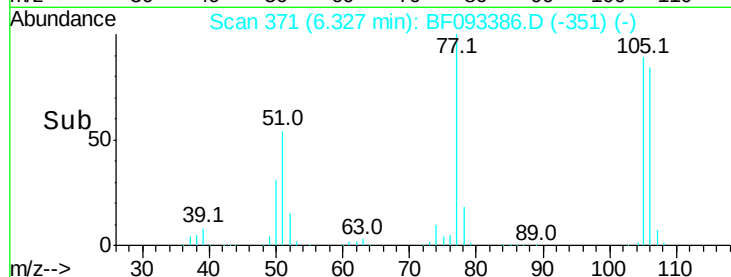
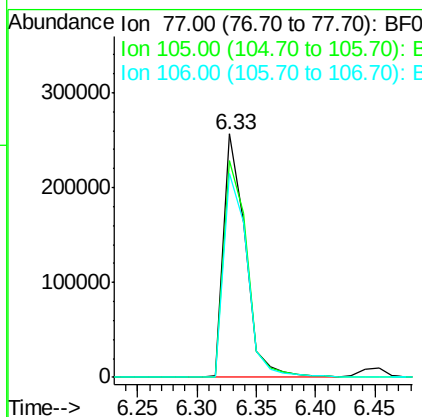
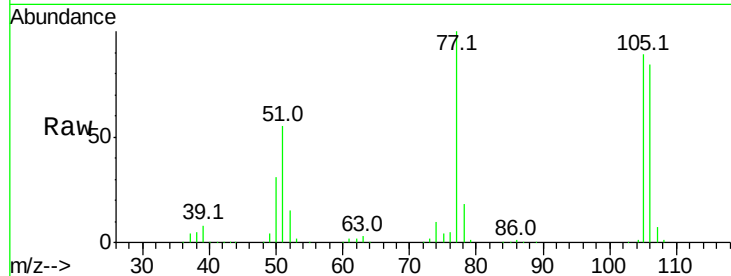
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	324124
Ion Ratio	Lower	Upper	
77	100		
105	89.0	83.9	123.9
106	83.8	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 40.36 ng

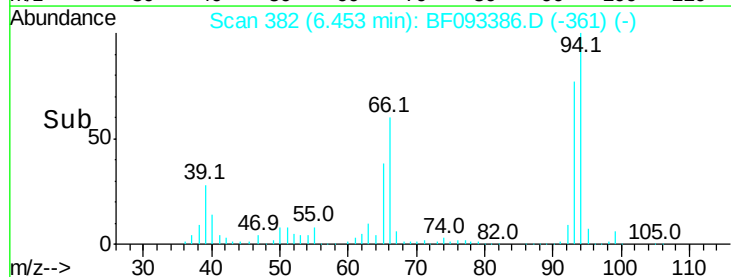
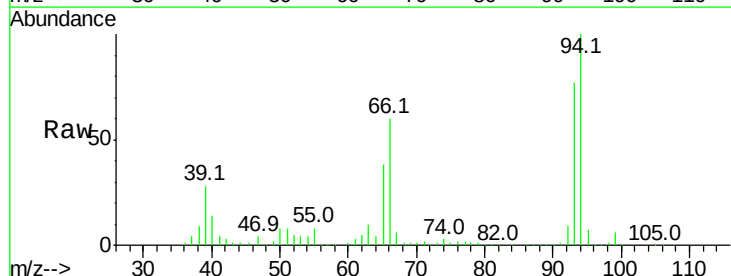
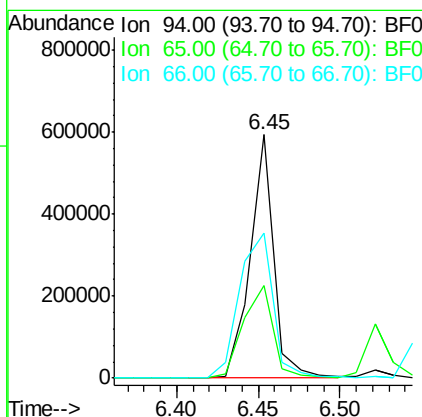
RT: 6.45 min Scan# 382

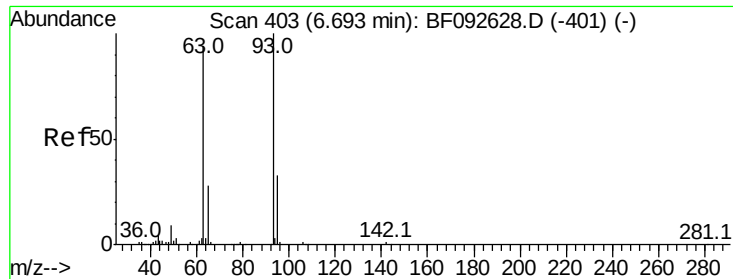
Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion:	94	Resp:	597691
Ion Ratio	Lower	Upper	
94	100		
65	38.0	21.4	61.4
66	59.8	44.0	84.0





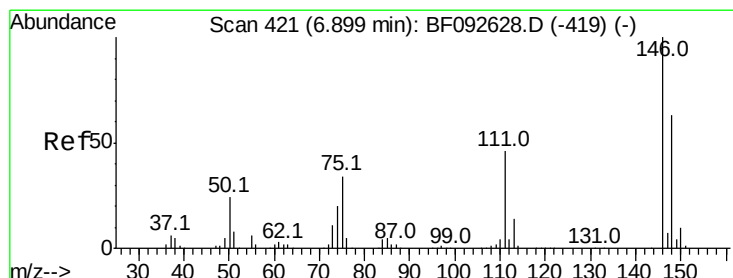
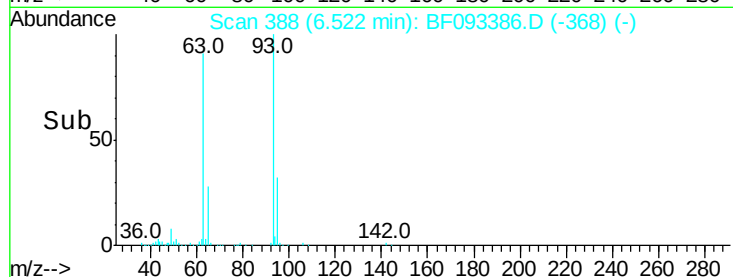
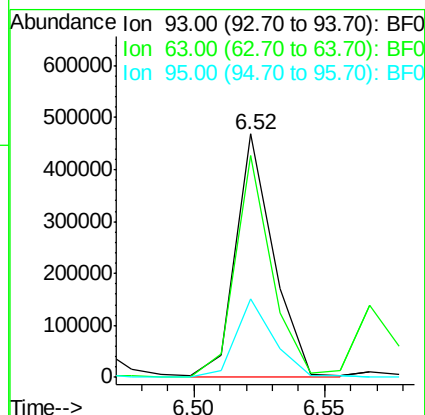
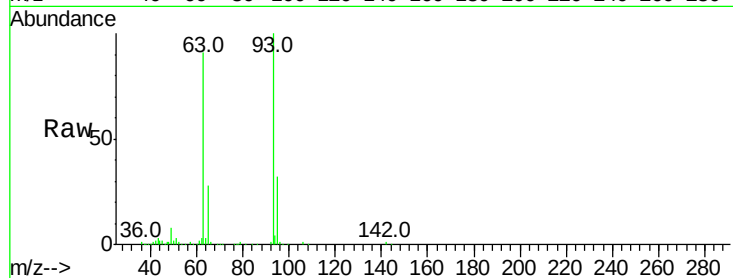
#11
bis(2-Chloroethyl)ether
Concen: 40.14 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.2	60.4	100.4
95	32.3	12.8	52.8

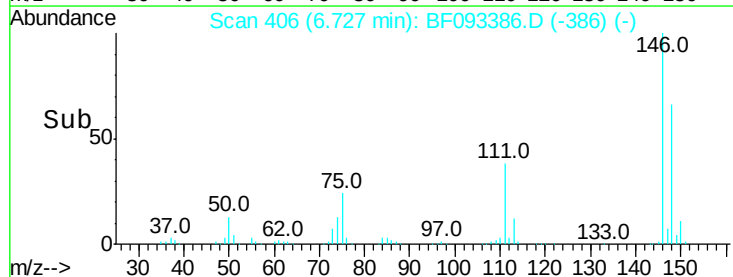
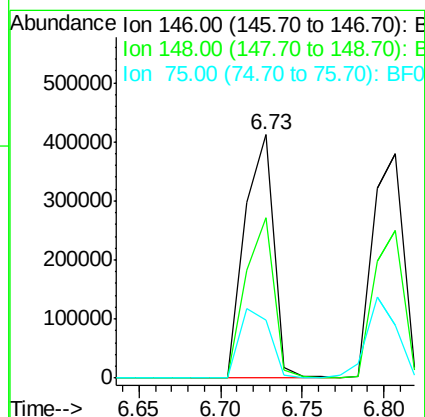
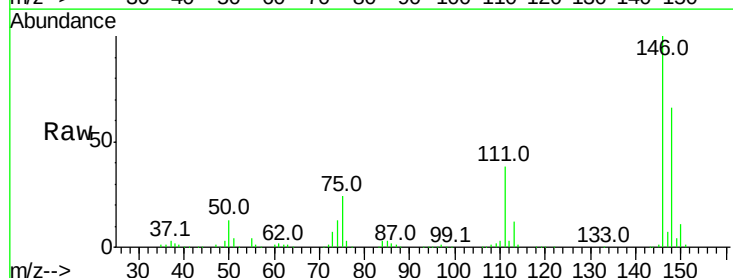
Manual Integrations
APPROVED

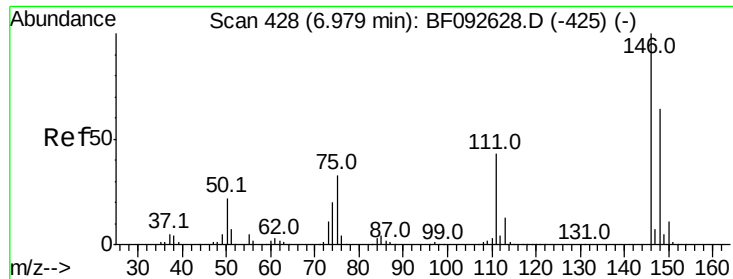
mohammad
3/6/2017 4:23:41 PM



#12
1,3-Dichlorobenzene
Concen: 39.63 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.4	80.0
75	23.7	18.5	27.7





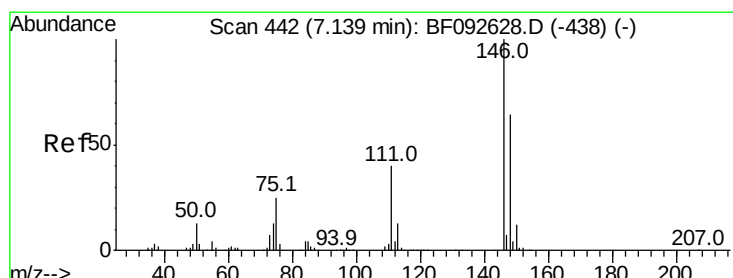
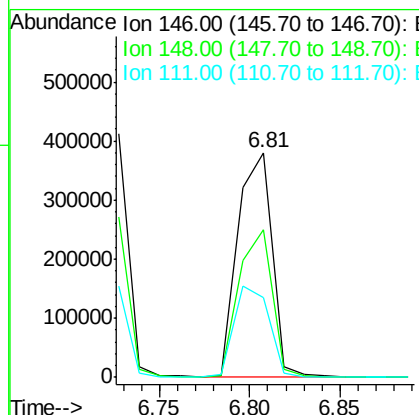
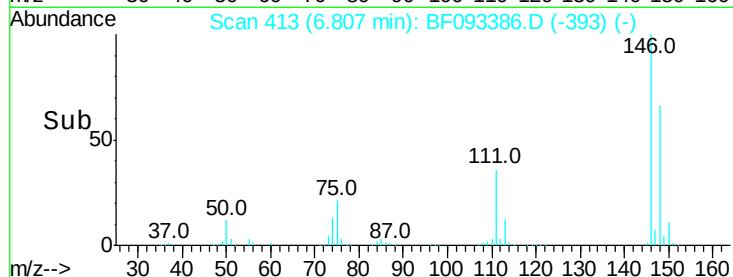
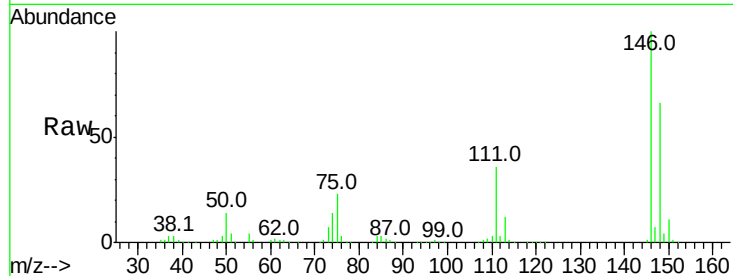
#13
 1,4-Dichlorobenzene
 Concen: 38.99 ng/ml
 RT: 6.81 min Scan# 413
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.6	76.0
111	35.7	36.2	54.4

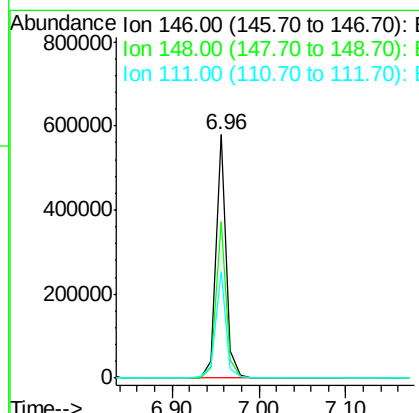
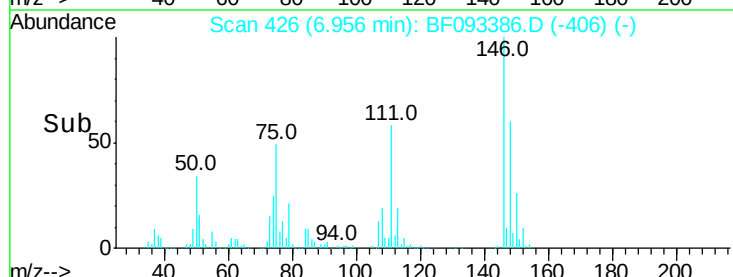
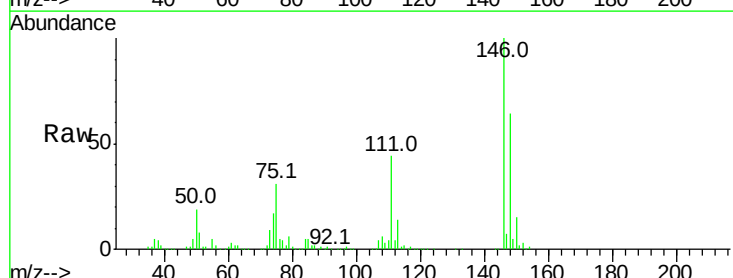
Manual Integrations
 APPROVED

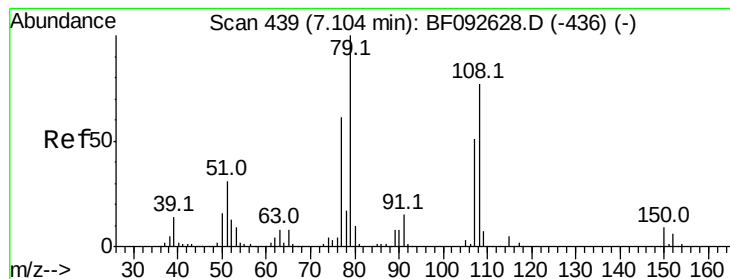
mohammad
 3/6/2017 4:23:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.88 ng/ml
 RT: 6.96 min Scan# 426
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.2
111	43.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 37.30 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

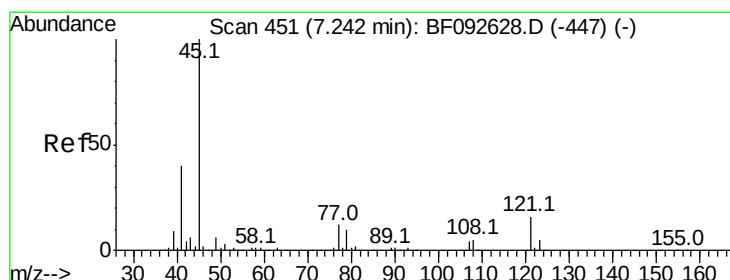
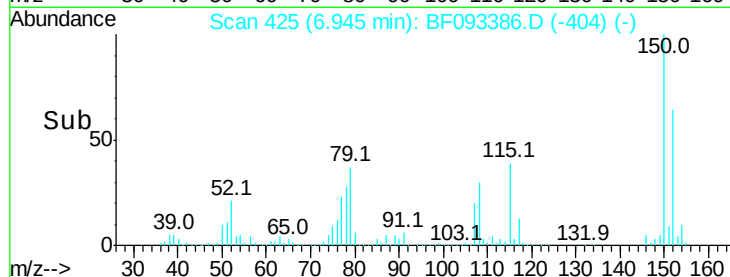
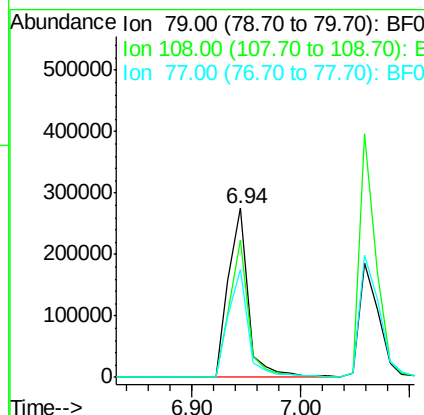
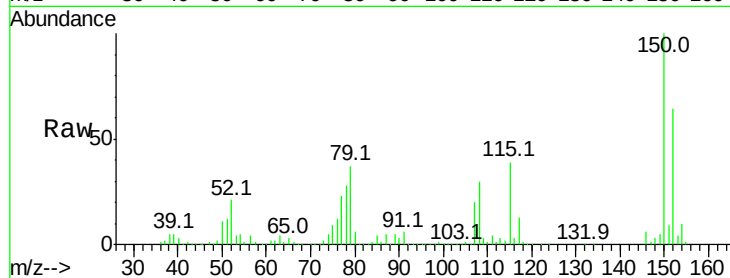
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	349505
Ion Ratio	Lower	Upper	
79	100		
108	81.6	61.4	92.0
77	63.7	50.9	76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.90 ng

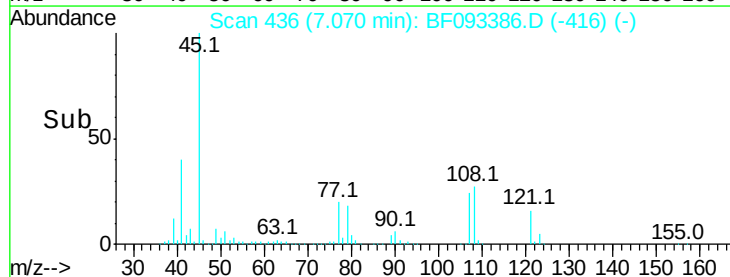
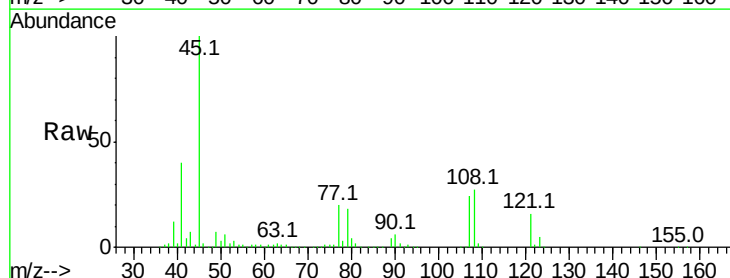
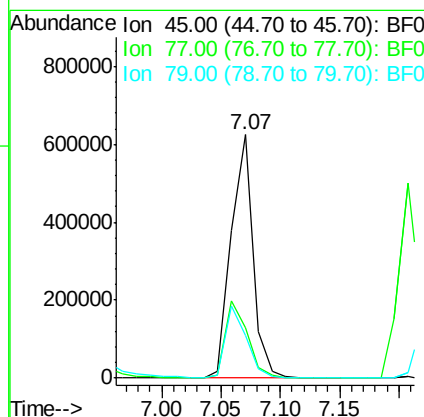
RT: 7.07 min Scan# 436

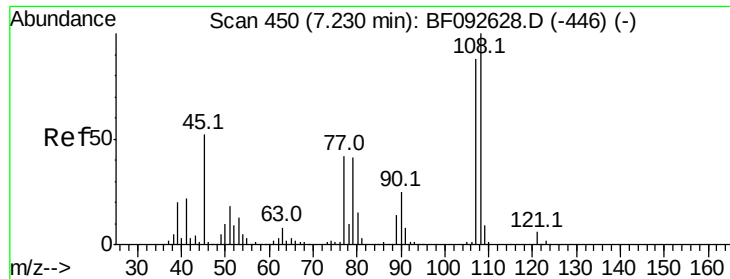
Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion:	45	Resp:	798823
Ion Ratio	Lower	Upper	
45	100		
77	20.5	0.0	34.6
79	17.7	0.0	31.2





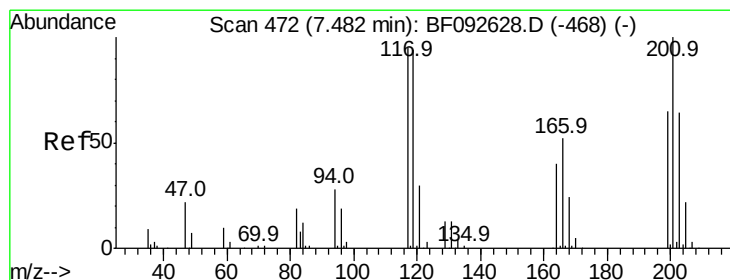
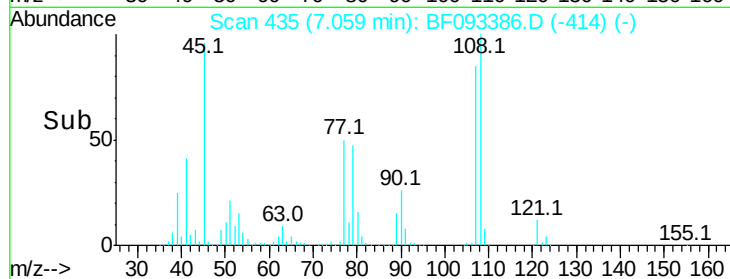
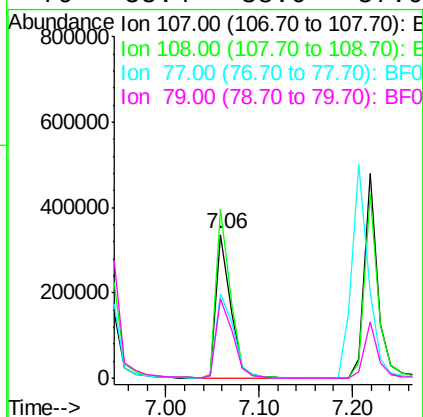
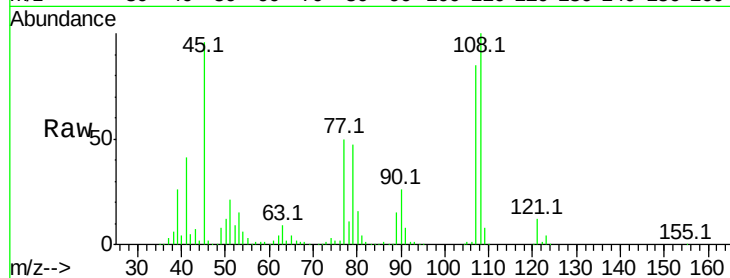
#17
2-Methylphenol
Concen: 38.92 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.5	93.0	139.6	
77	58.9	39.8	59.8	
79	55.4	38.0	57.0	

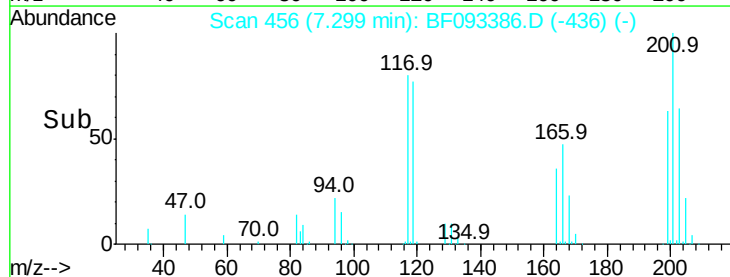
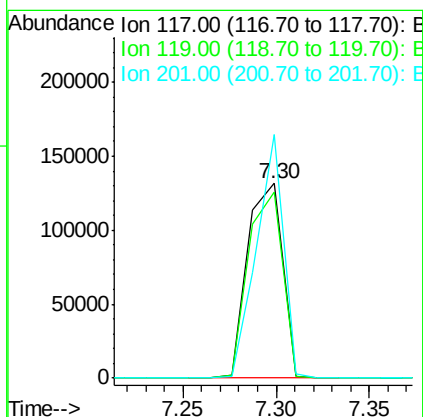
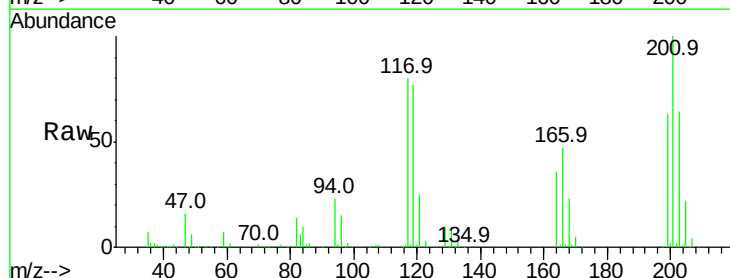
Manual Integrations
APPROVED

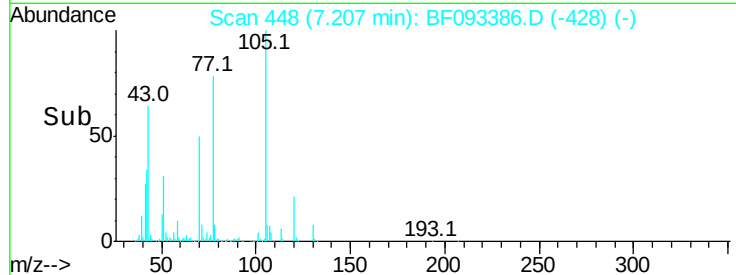
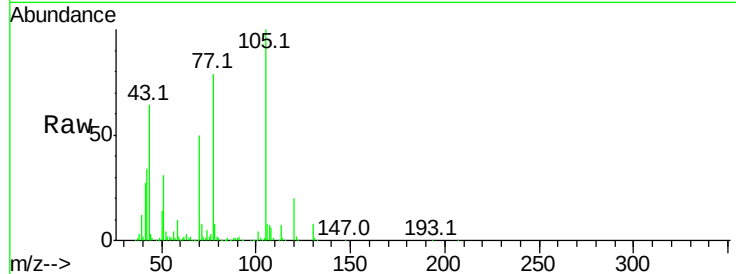
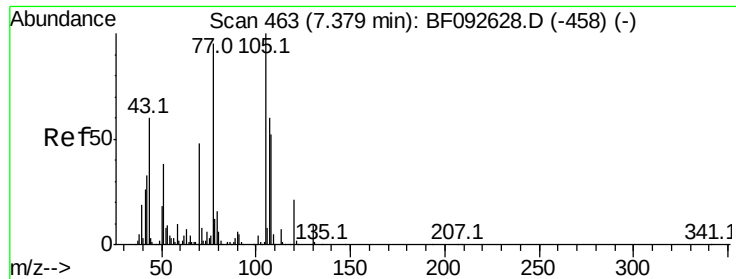
mohammad
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#18
Hexachloroethane
Concen: 38.87 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	78.1	117.1	
201	125.0	78.6	117.8#	





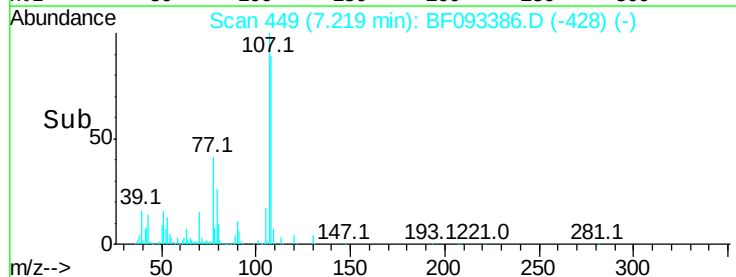
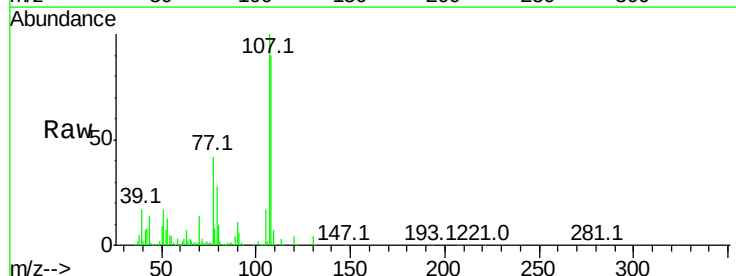
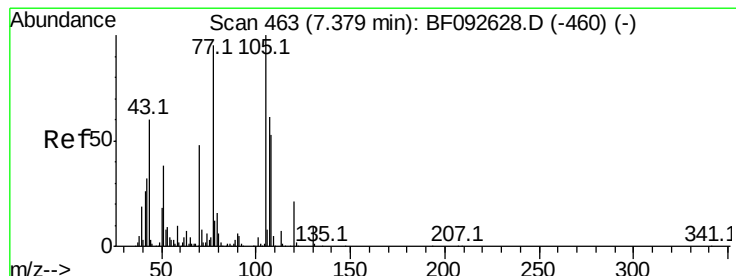
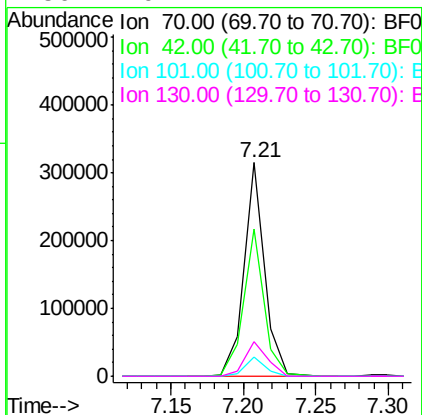
#19
n-Nitroso-di-n-propylamine
Concen: 38.44 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.0	49.4	74.0
101	8.7	7.4	11.2
130	16.4	14.2	21.4

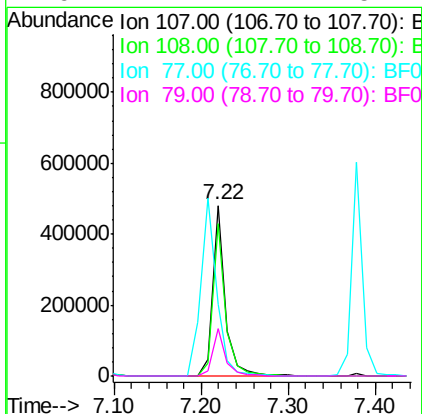
Manual Integrations
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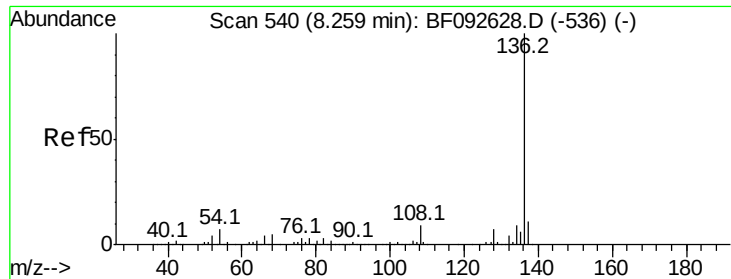
mohammad
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#20
3+4-Methylphenols
Concen: 43.92 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	73.0	113.0
77	41.8	71.3	111.3#
79	27.7	11.1	51.1





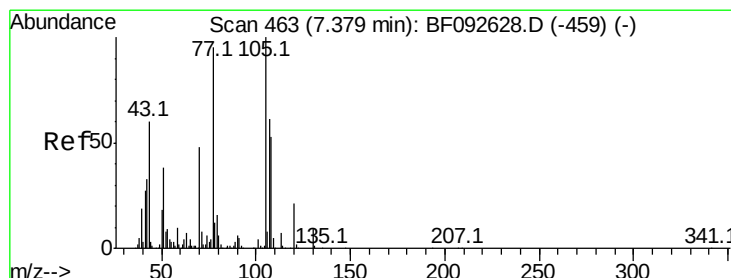
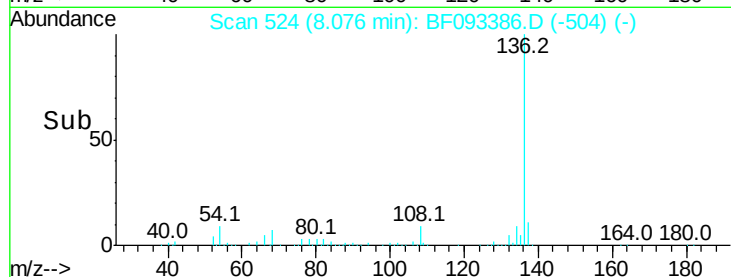
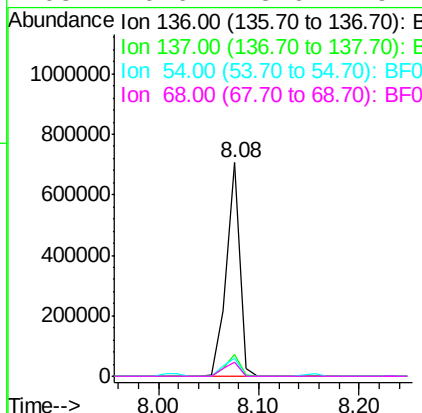
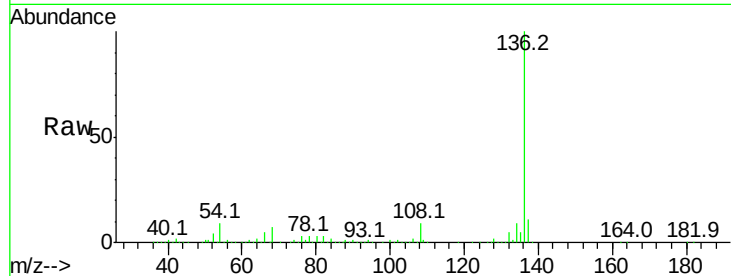
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.4	12.6	
54	8.6	4.5	6.7#	
68	6.6	3.6	5.4#	

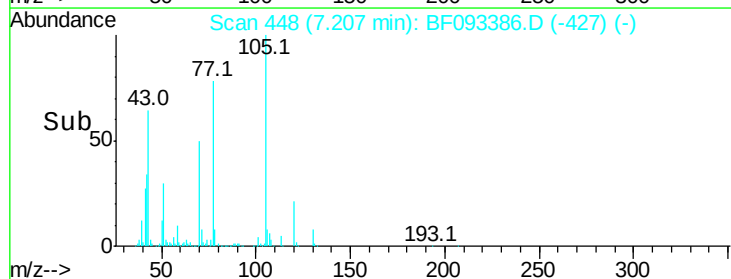
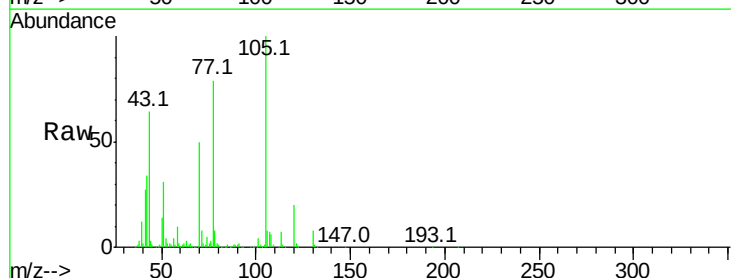
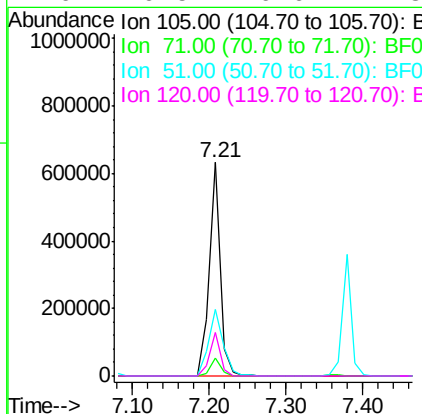
Manual Integrations
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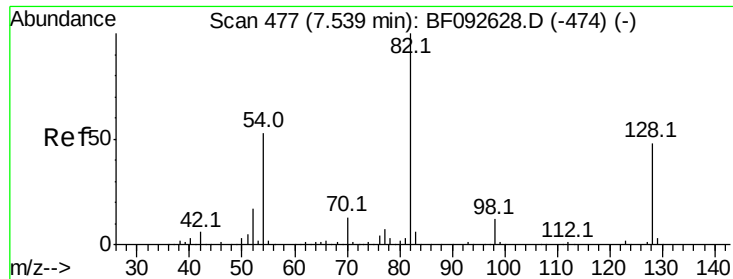
mohammad
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#22
Acetophenone
Concen: 41.34 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.3	3.2	4.8#	
51	31.2	26.2	39.4	
120	20.5	16.6	24.8	





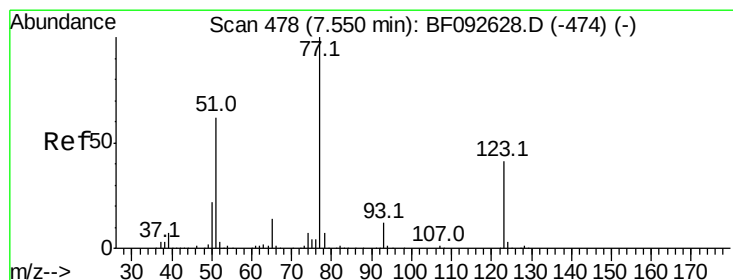
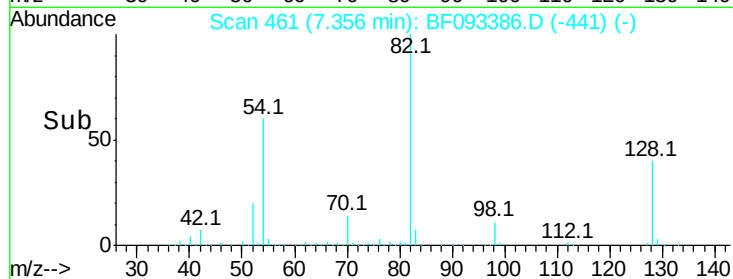
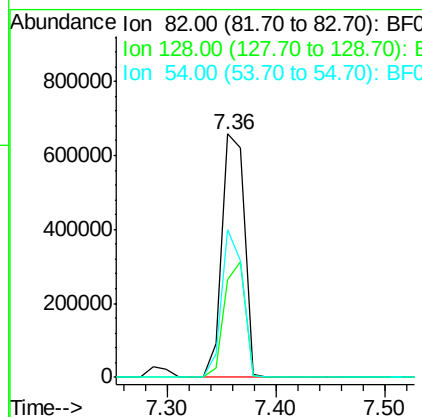
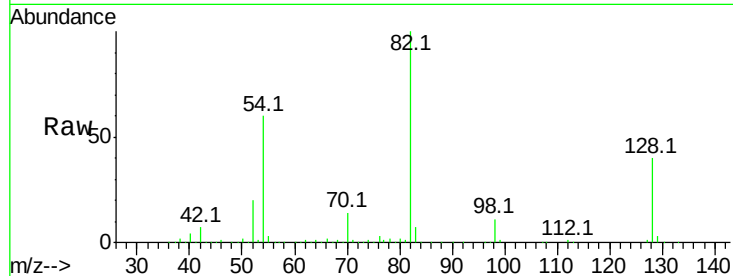
#23
 Nitrobenzene-d5
 Concen: 80.72 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.0	34.6	52.0	
54	60.5	39.5	59.3	

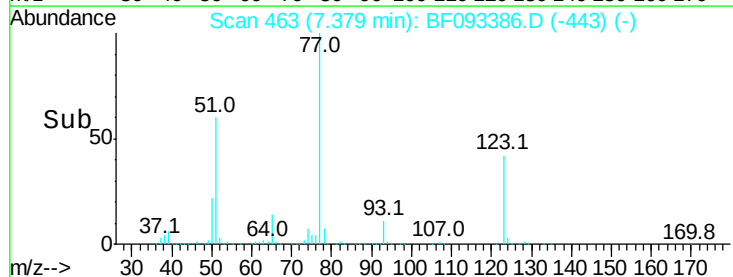
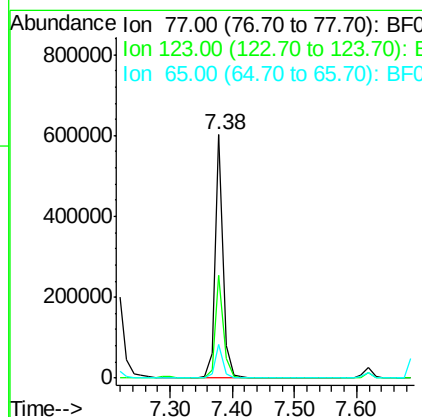
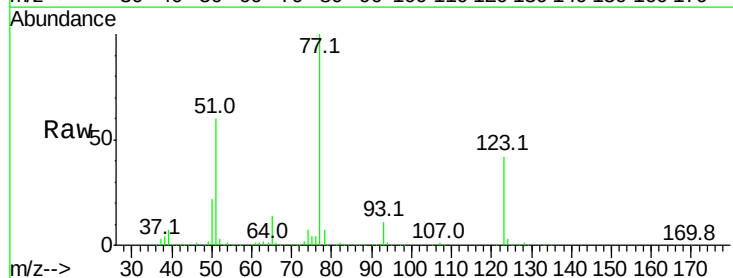
Manual Integrations
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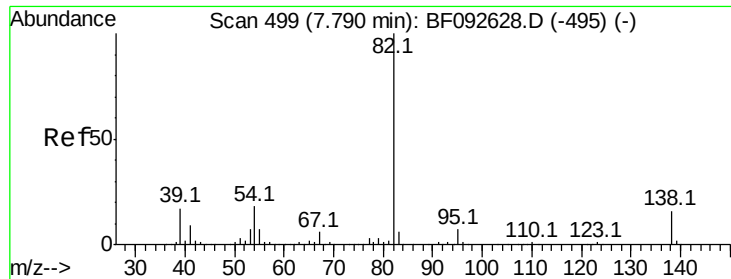
mohammad
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#24
 Nitrobenzene
 Concen: 43.02 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.2	33.0	49.4	
65	14.1	11.2	16.8	





#25

Isophorone

Concen: 41.32 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

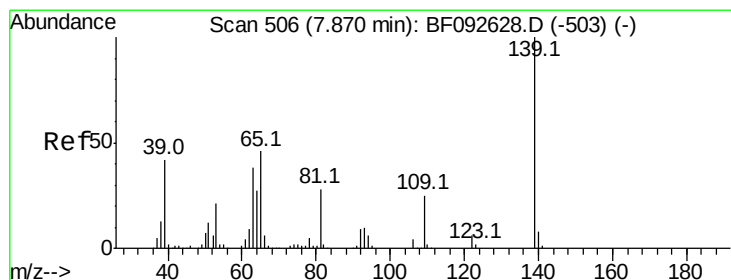
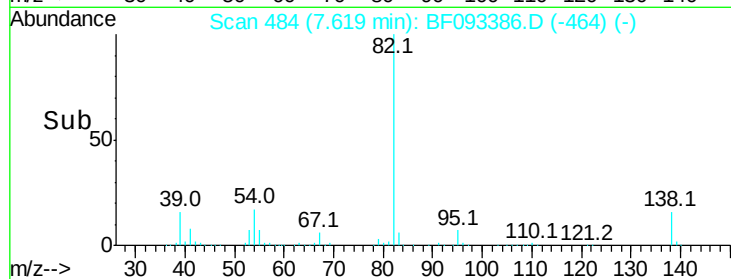
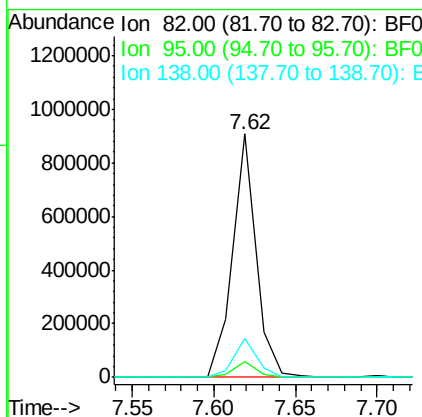
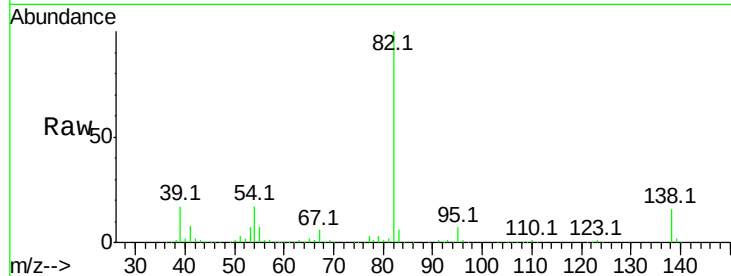
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	907467
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	16.1	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.48 ng

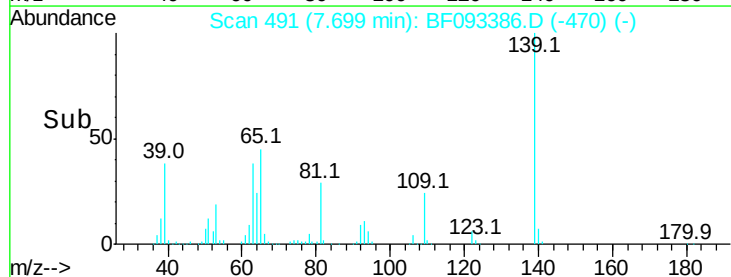
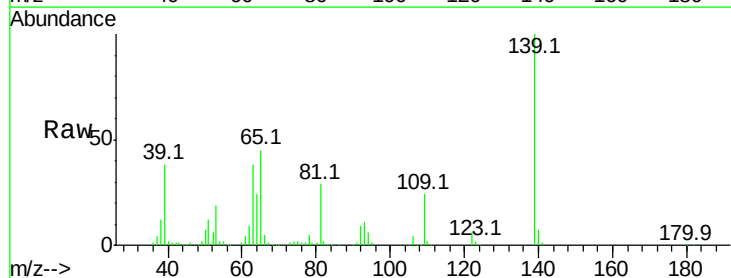
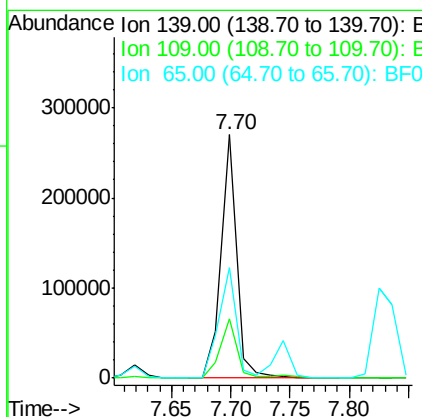
RT: 7.70 min Scan# 491

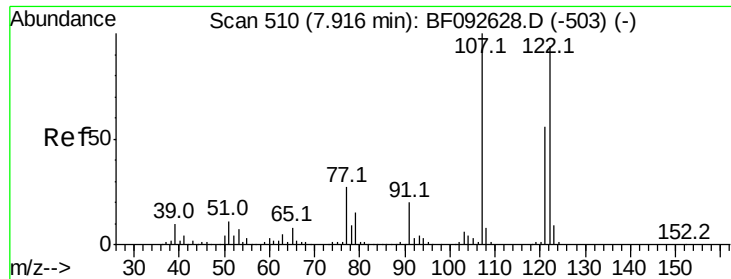
Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion:	139	Resp:	244397
Ion Ratio	Lower	Upper	
139	100		
109	24.3	23.3	34.9
65	45.5	42.7	64.1





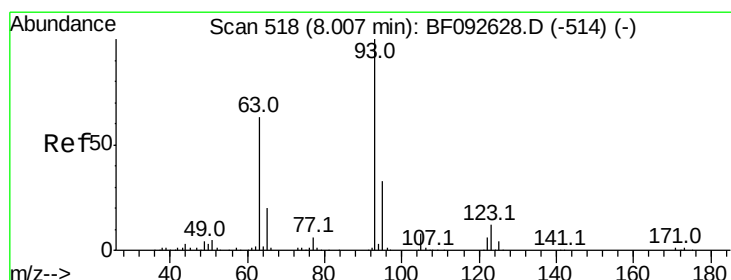
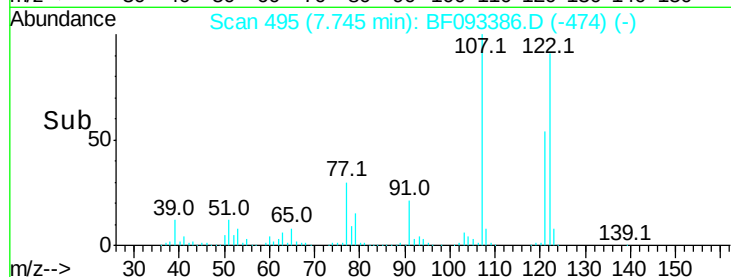
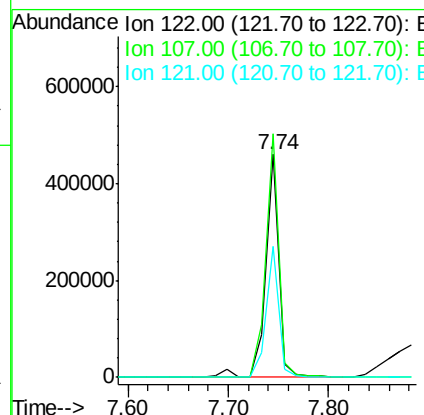
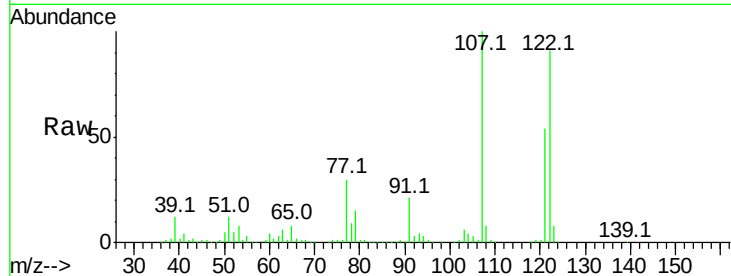
#27
2,4-Dimethylphenol
Concen: 41.24 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	94.1	141.1
121	59.1	46.0	69.0

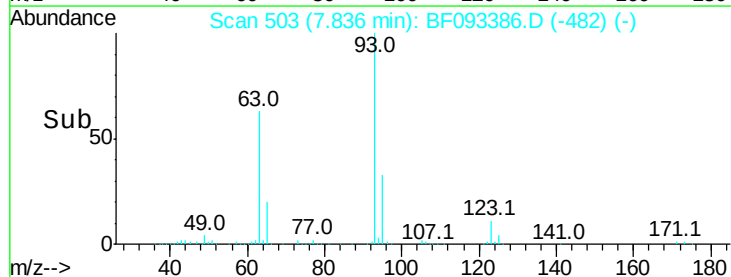
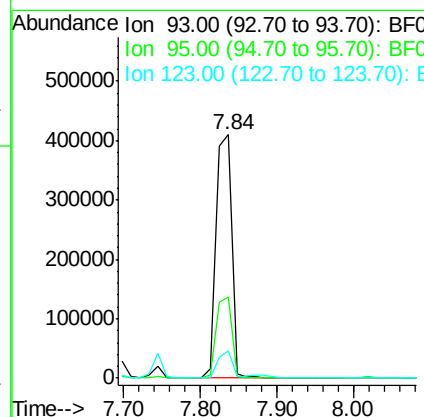
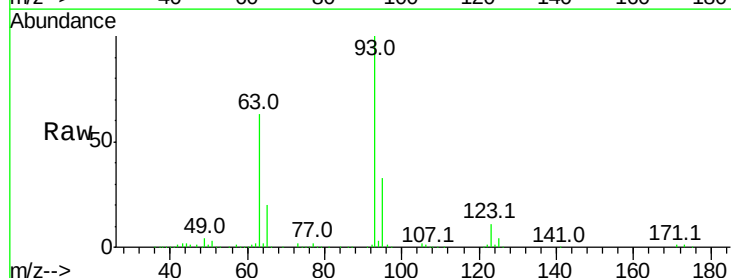
Manual Integrations
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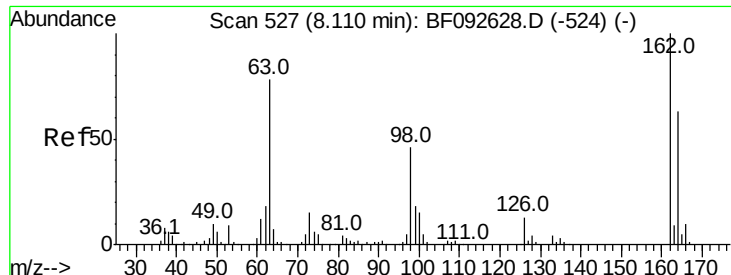
mohammad
3/6/2017 4:23:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.47 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	11.5	8.6	13.0





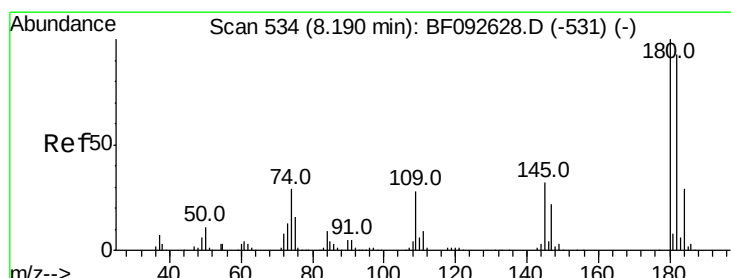
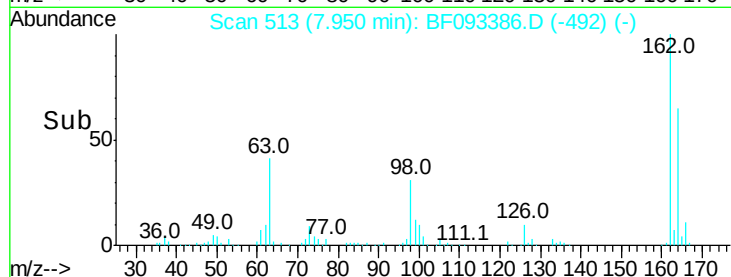
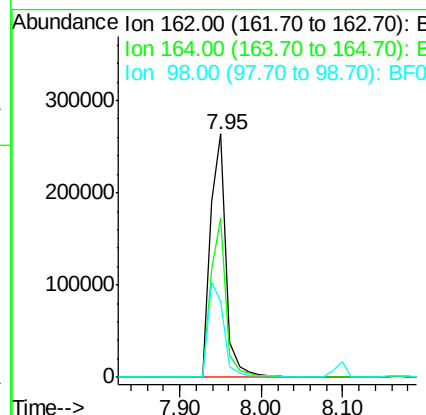
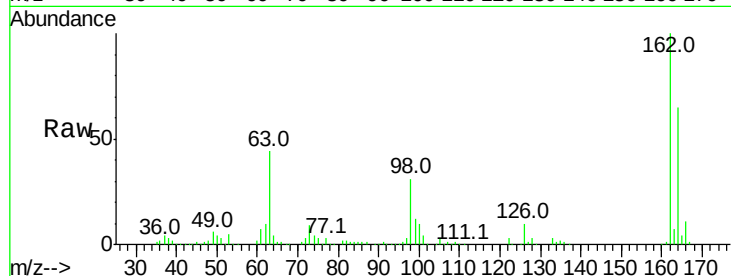
#29
 2,4-Dichlorophenol
 Concen: 37.85 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	356618		
164	65.2	46.8	86.8	
98	31.1	9.1	49.1	

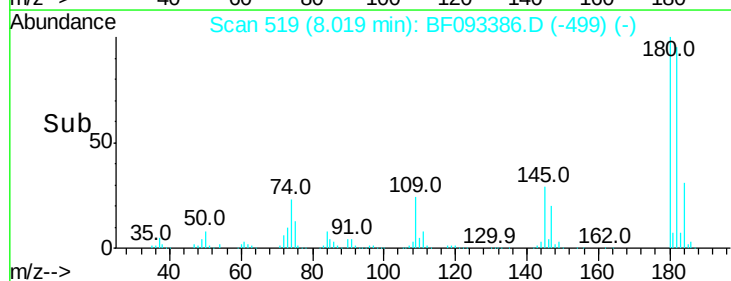
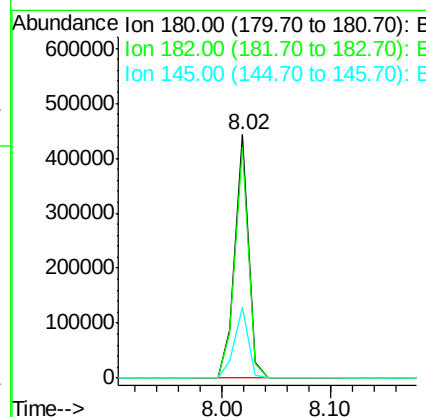
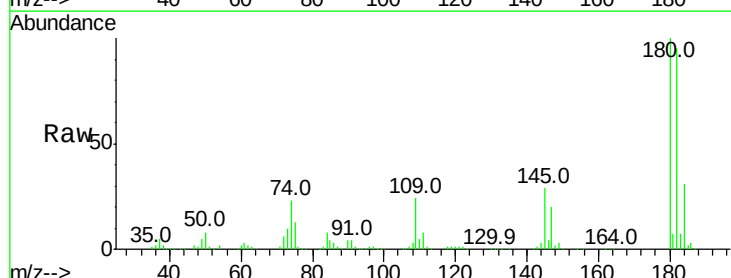
Manual Integrations
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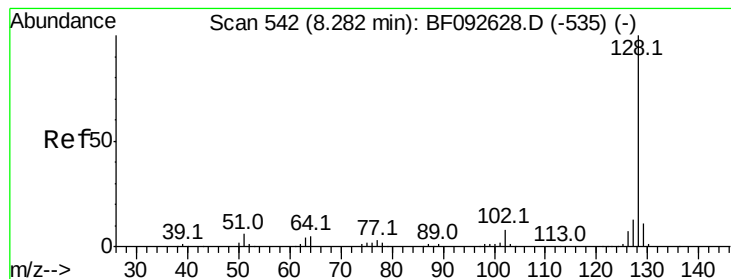
mohammad
 3/6/2017 4:23:41 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.98 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	385678		
182	95.0	78.2	117.4	
145	29.3	21.6	32.4	





#31

Naphthalene

Concen: 38.87 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1293258

Ion Ratio Lower Upper

128 100

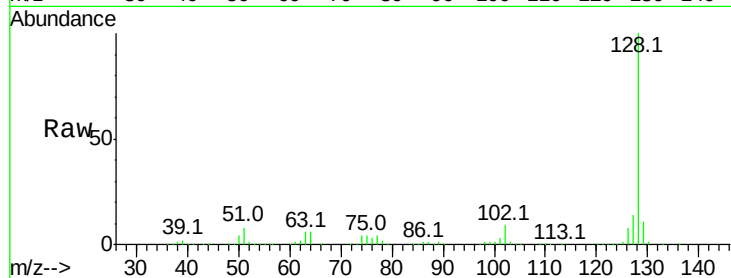
129 11.1 9.5 14.3

127 13.5 10.8 16.2

Manual Integrations
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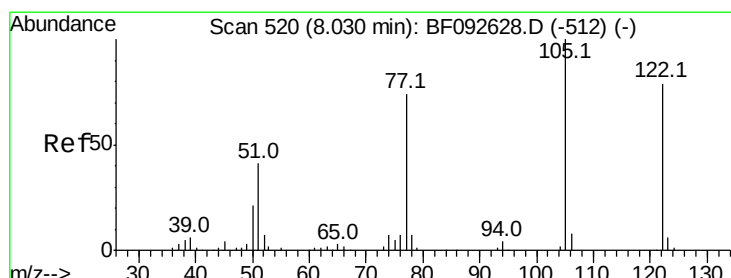
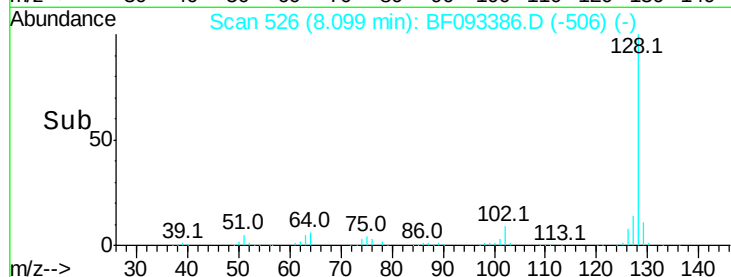
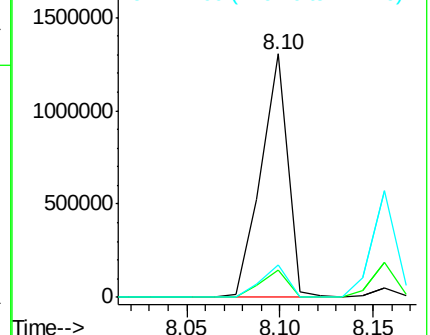
3/6/2017 4:23:41 PM



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: 36.67 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

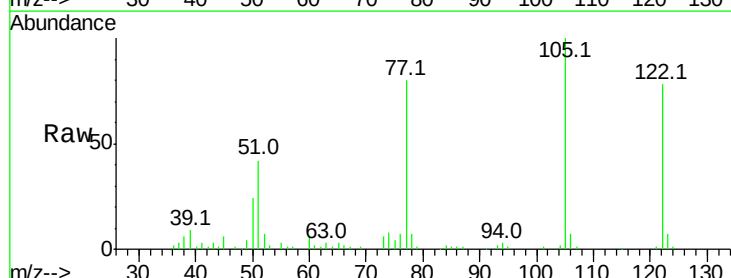
Tgt Ion:122 Resp: 198562

Ion Ratio Lower Upper

122 100

105 127.9 107.2 147.2

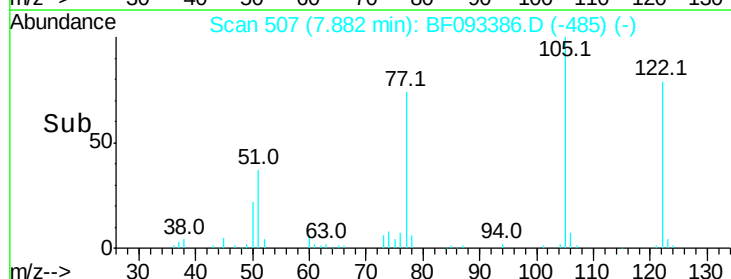
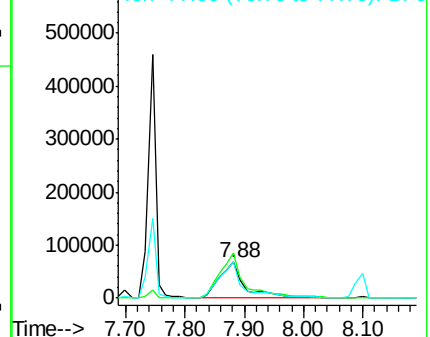
77 102.4 74.5 114.5

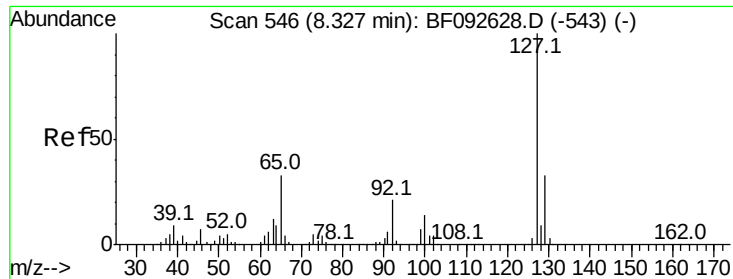


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





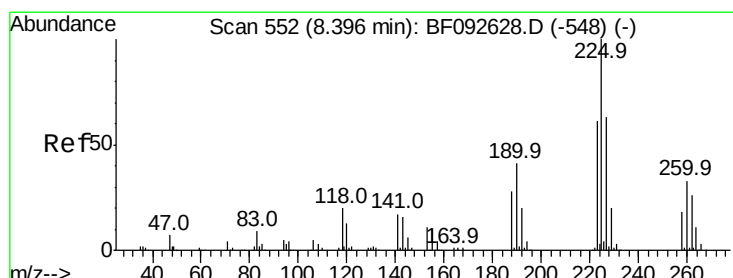
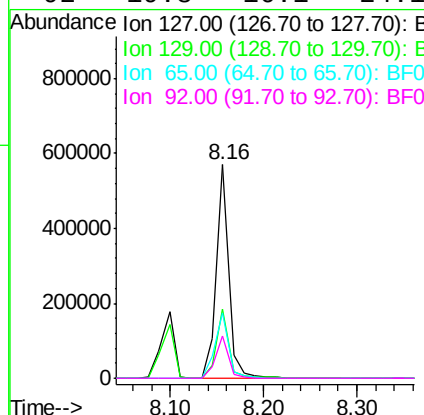
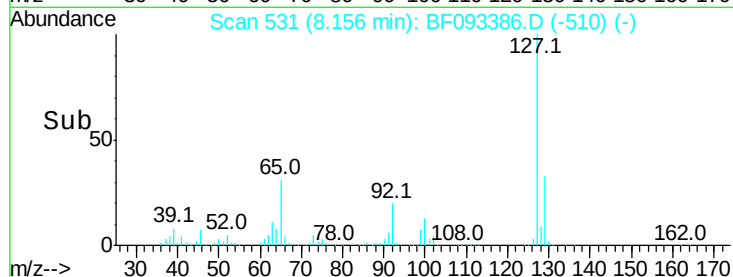
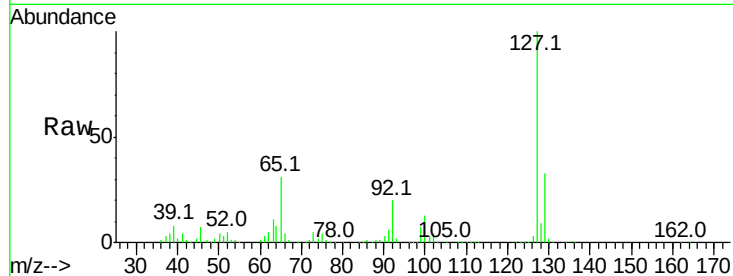
#33
4-Chloroaniline
Concen: 40.49 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.5	26.3	39.5
65	30.7	25.8	38.8
92	19.8	16.1	24.1

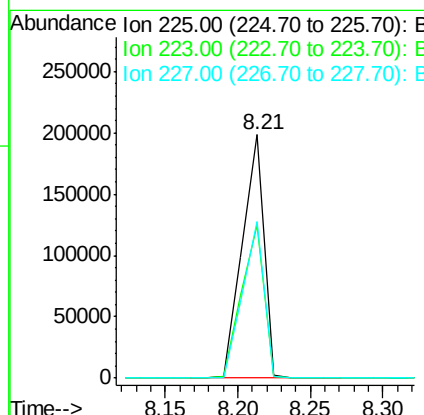
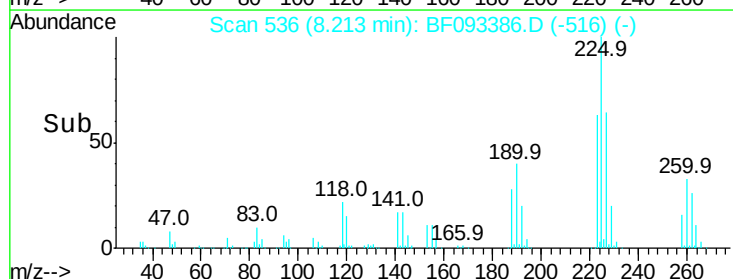
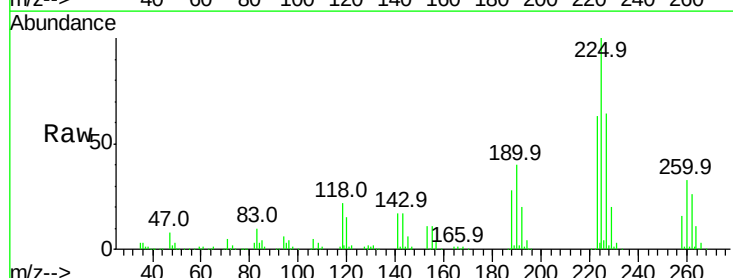
Manual Integrations
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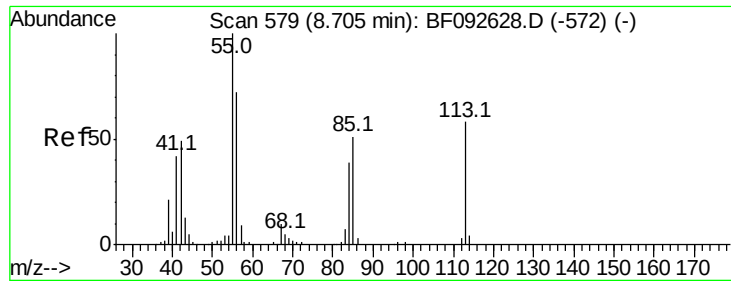
mohammad
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#34
Hexachlorobutadiene
Concen: 37.02 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.6	51.0	76.6
227	64.4	50.6	76.0





#35

Caprolactam

Concen: 39.35 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

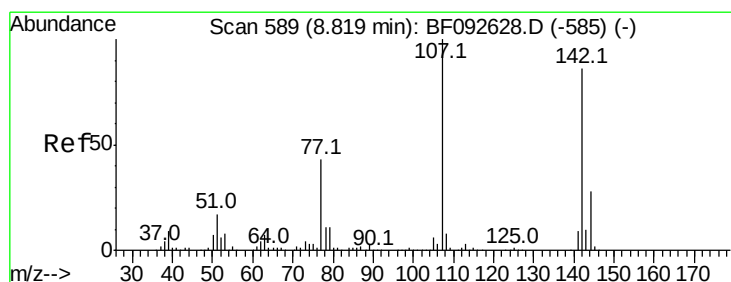
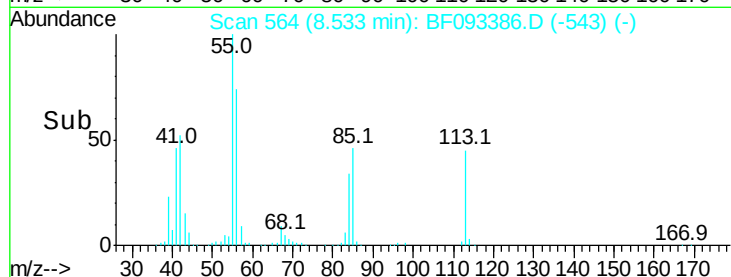
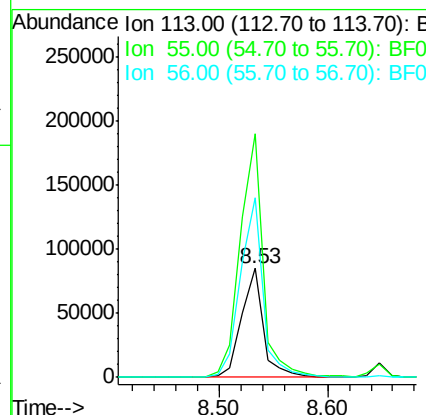
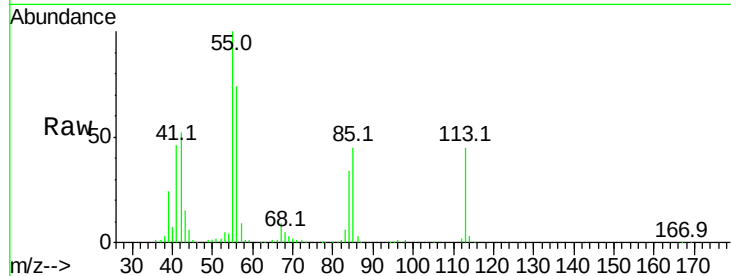
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	223.6	119.2	159.2#	
56	165.3	83.8	123.8#	

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 39.52 ng

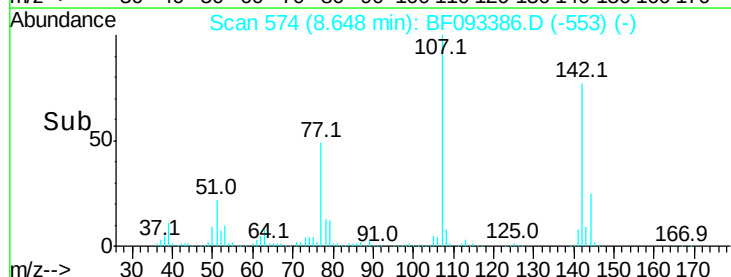
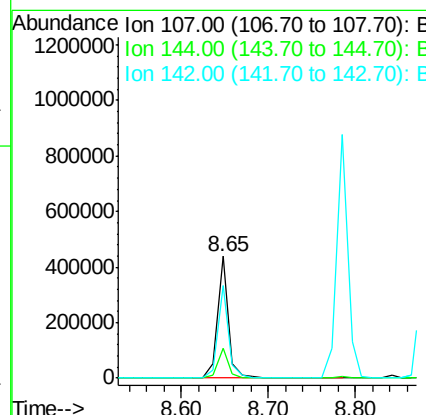
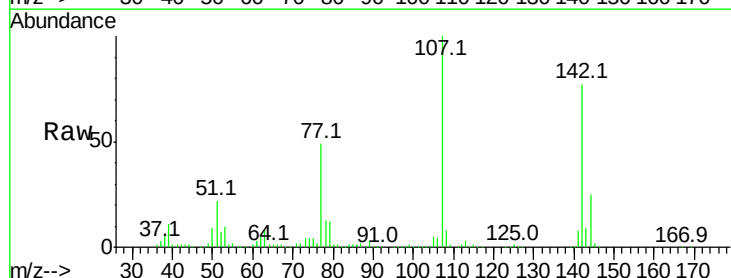
RT: 8.65 min Scan# 574

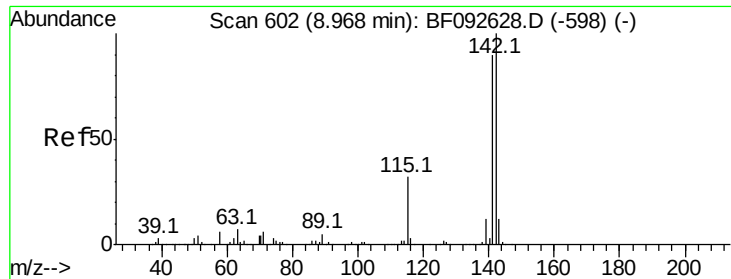
Delta R.T. -0.06 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.7	19.3	28.9	
142	76.5	59.0	88.6	





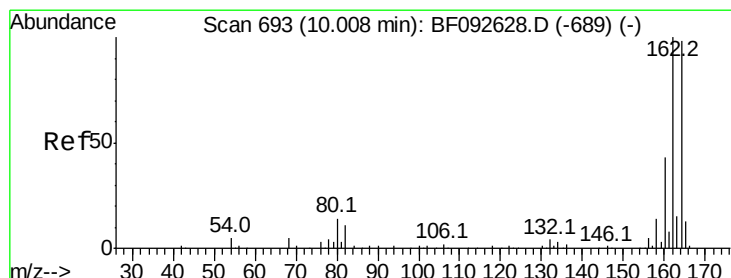
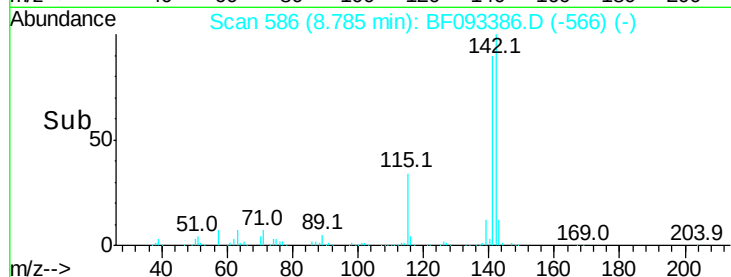
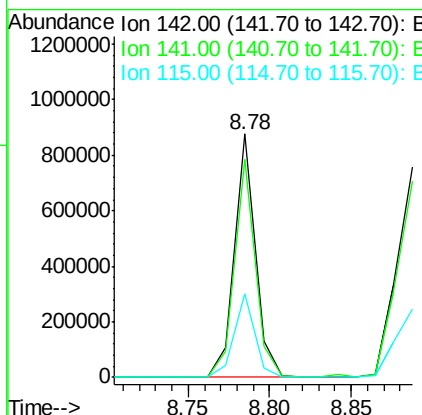
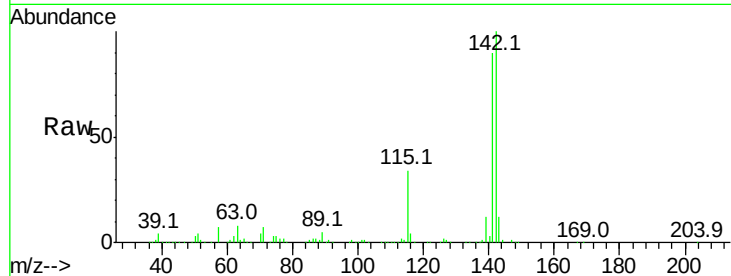
#37
2-Methylnaphthalene
Concen: 36.04 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	769839		
141	89.5		71.0	106.6
115	34.3		28.3	42.5

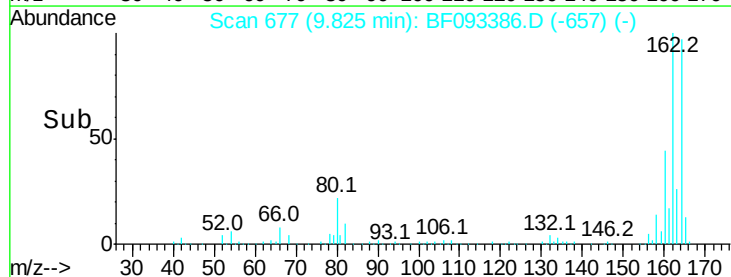
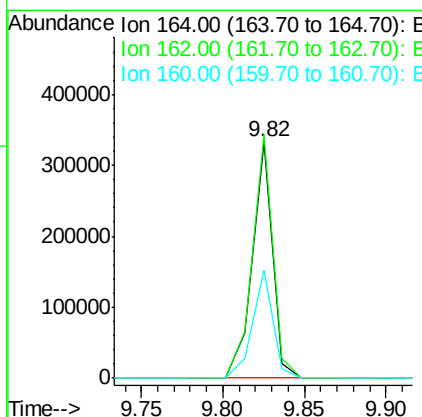
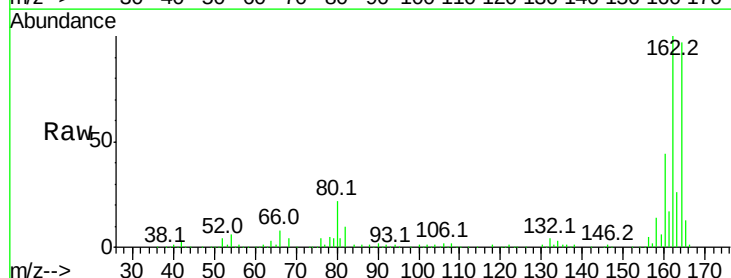
Manual Integrations
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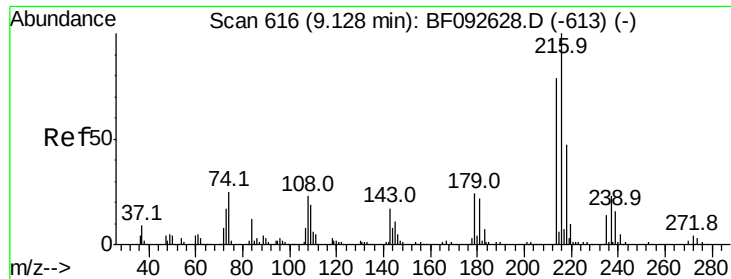
mohammad
3/6/2017 4:23:41 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	287060		
162	103.2		80.2	120.2
160	45.5		36.9	55.3





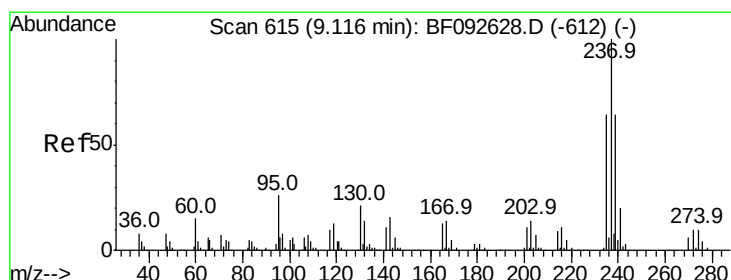
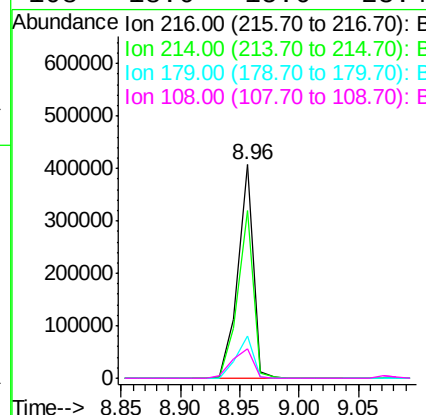
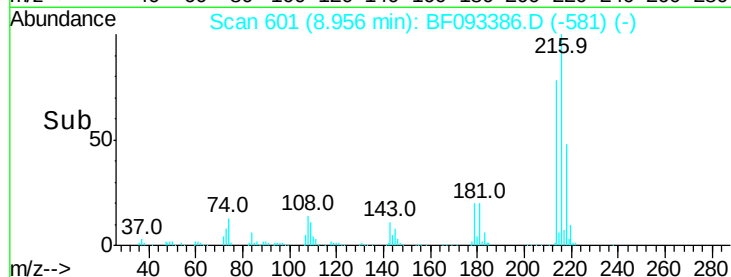
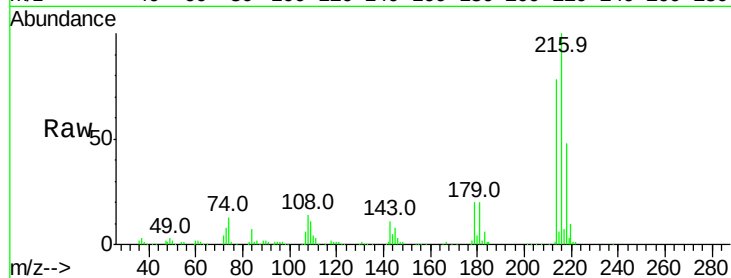
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.78 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	368866		
214	79.6	63.4	95.0	
179	21.5	17.4	26.2	
108	18.6	15.6	23.4	

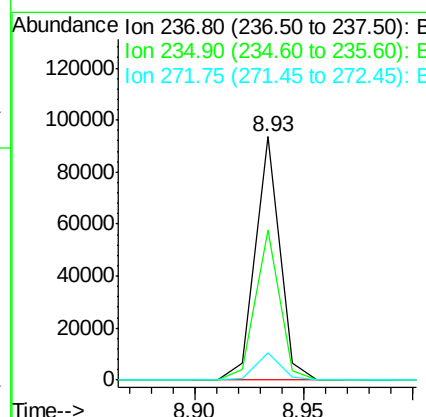
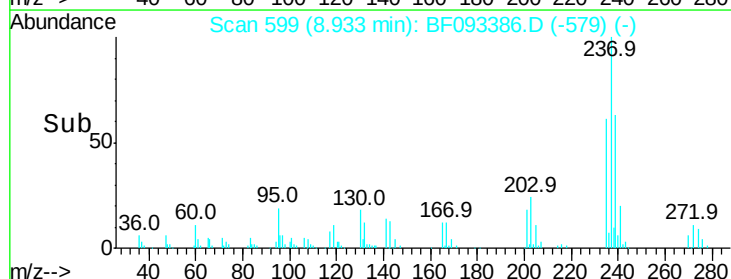
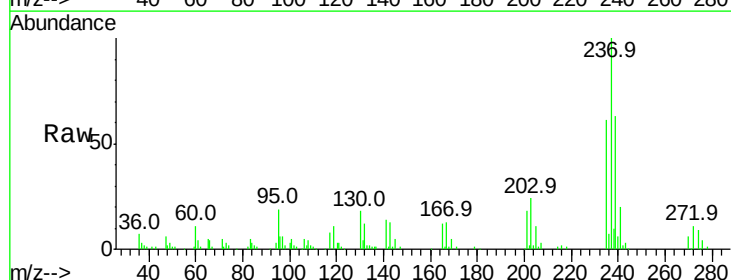
Manual Integrations
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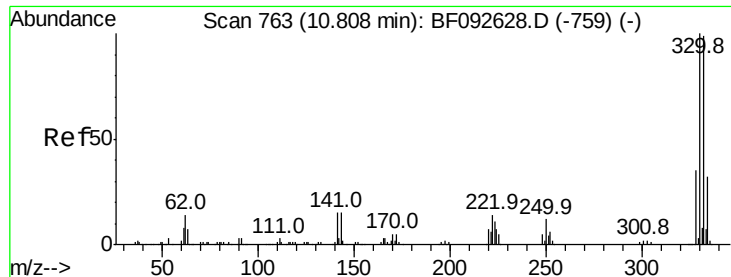
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 20.20 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	73427		
235	61.5	41.2	81.2	
272	11.4	0.0	35.4	





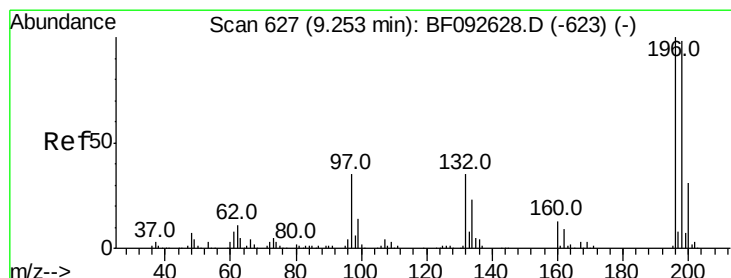
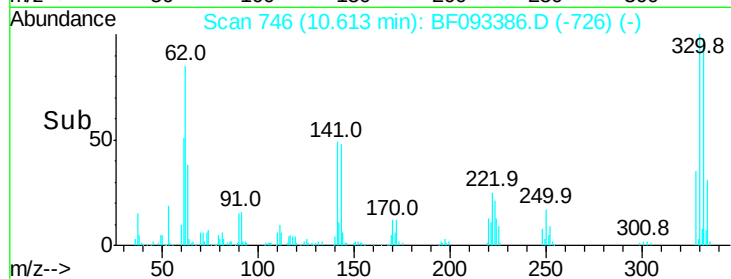
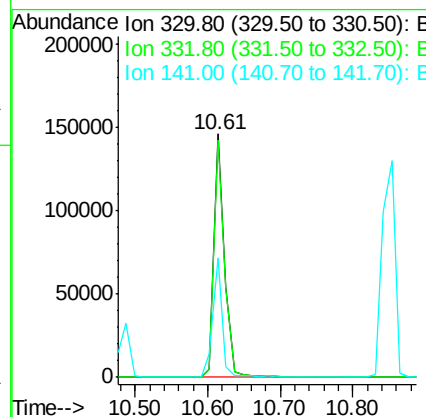
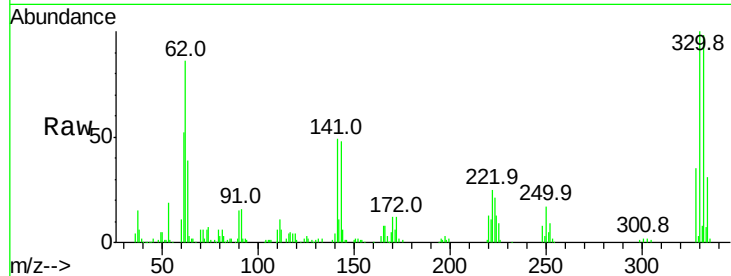
#41
 2,4,6-Tribromophenol
 Concen: 71.58 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	148605		
332	97.4	77.4	116.2	
141	43.8	34.1	51.1	

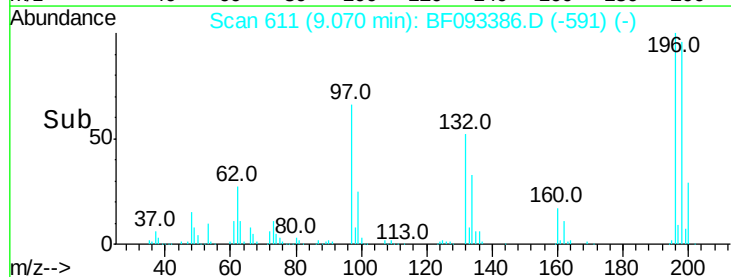
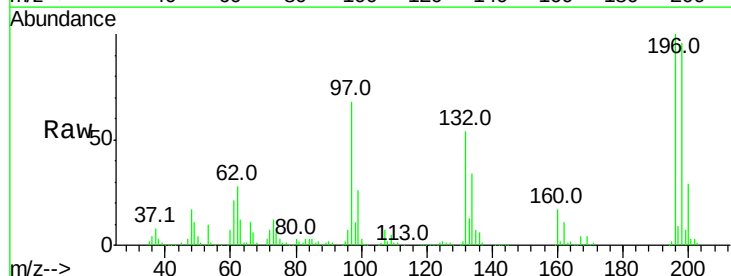
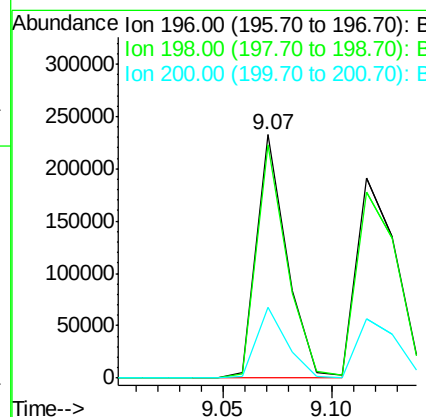
Manual Integrations
 APPROVED

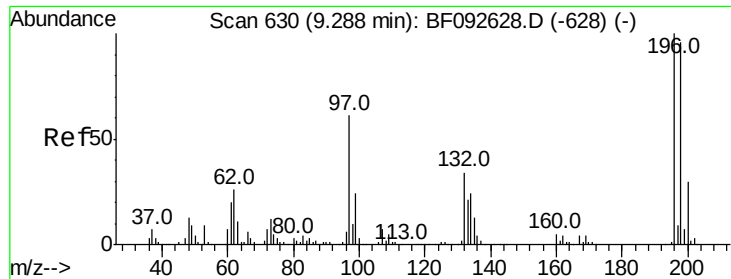
mohammad
 3/6/2017 4:23:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 42.74 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226290		
198	96.0	82.1	123.1	
200	29.3	27.0	40.4	





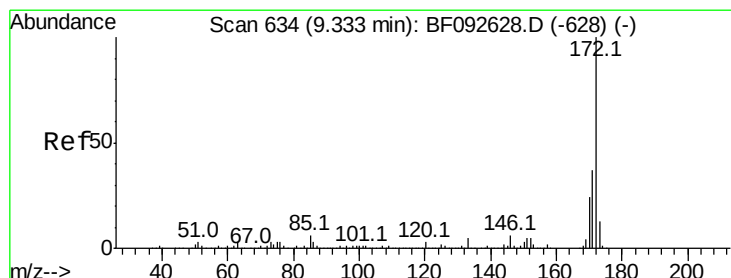
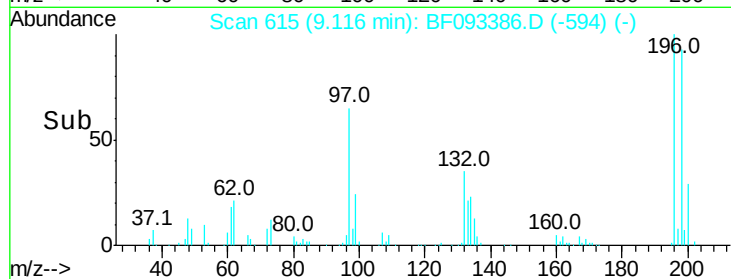
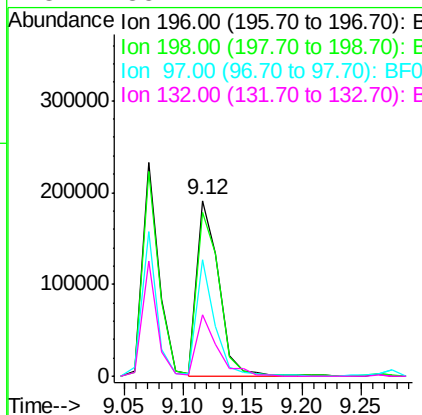
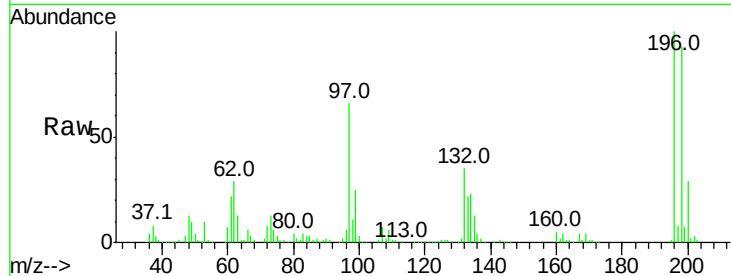
#43
 2,4,5-Trichlorophenol
 Concen: 42.46 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	246310		
198	93.0		79.4	119.2
97	65.9		51.5	77.3
132	35.2		27.4	41.2

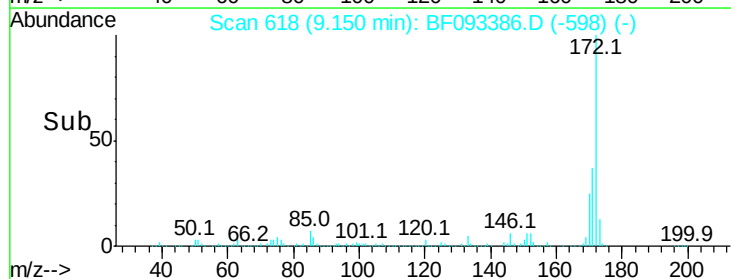
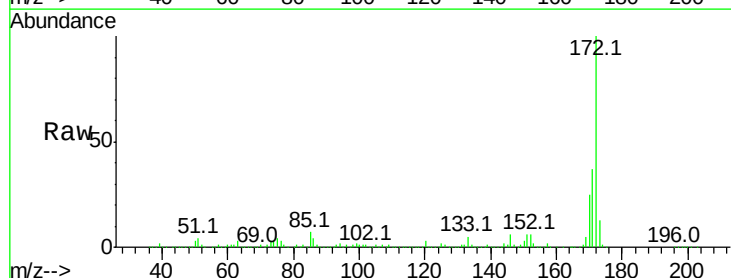
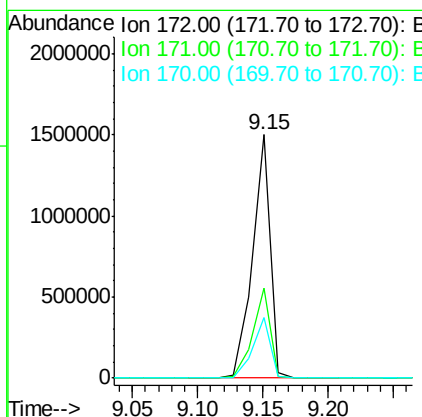
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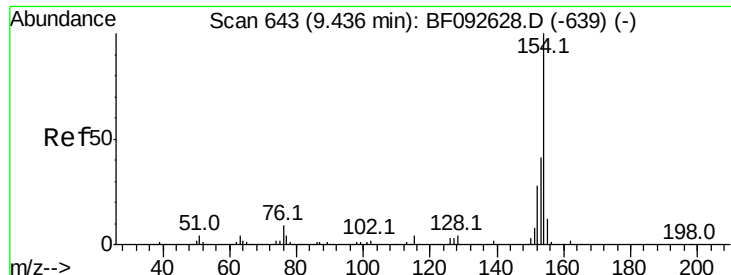
mohammad
 3/6/2017 4:23:41 PM



#44
 2-Fluorobiphenyl
 Concen: 89.31 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1415155		
171	36.9		29.4	44.0
170	24.9		20.2	30.4





#45

1,1'-Biphenyl

Concen: 46.00 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

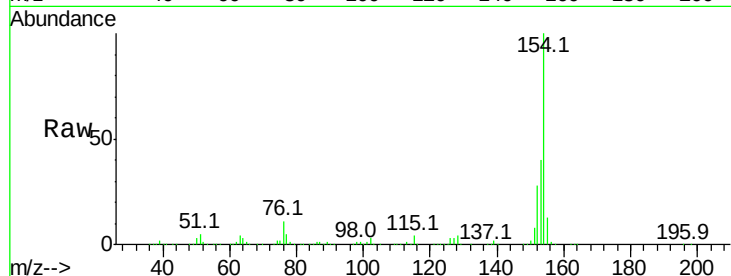
ClientSampleId :

SSTDCCC040

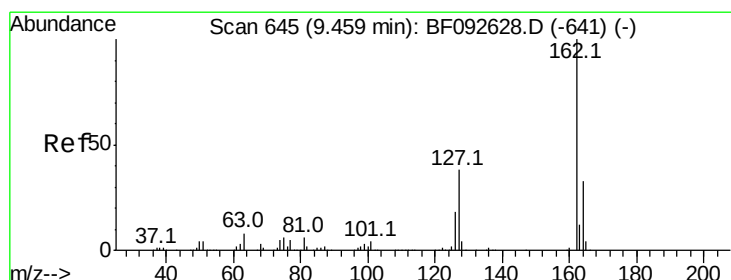
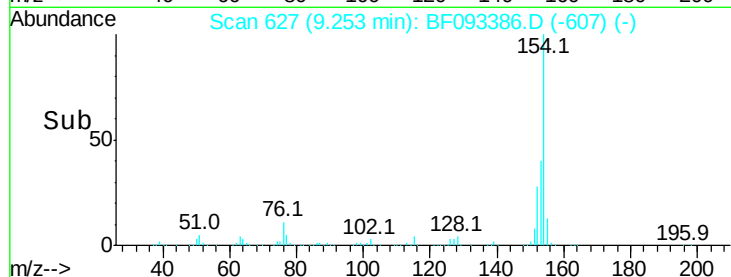
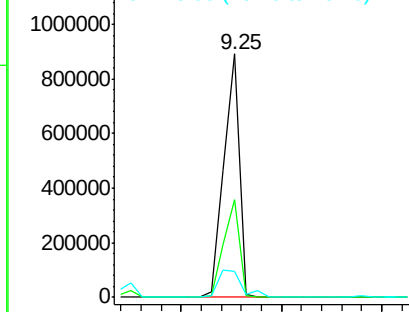
Tot Ion:	154	Resp:	956129
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.9	60.9
76	10.7	0.0	30.5

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



#46

2-Chloronaphthalene

Concen: 46.62 ng

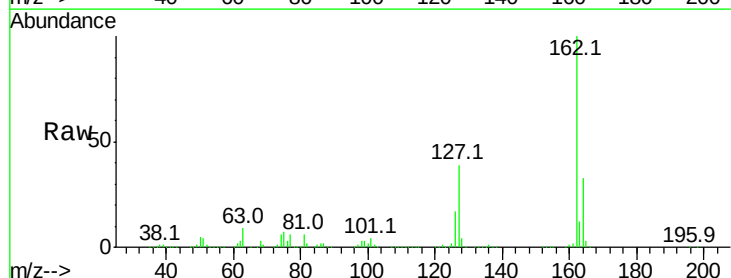
RT: 9.28 min Scan# 629

Delta R.T. -0.07 min

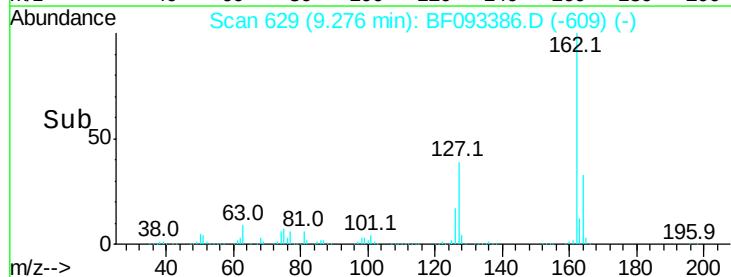
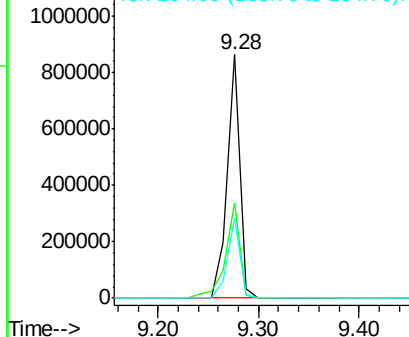
Lab File: BF093386.D

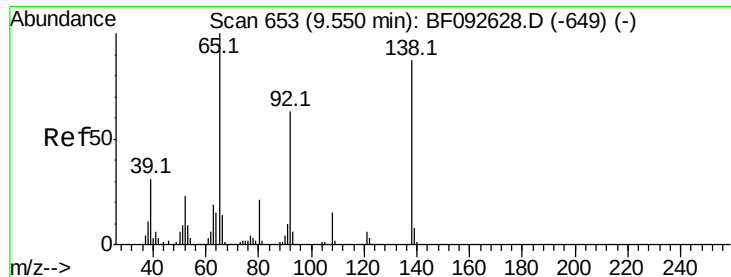
Acq: 4 Mar 2017 5:44

Tgt Ion:	162	Resp:	758068
Ion Ratio	Lower	Upper	
162	100		
127	38.8	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





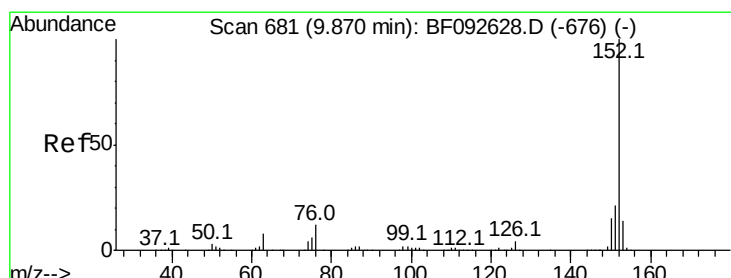
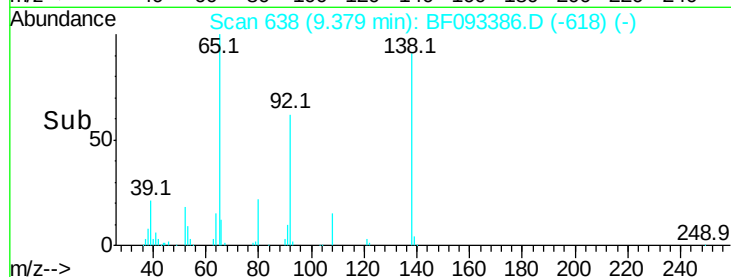
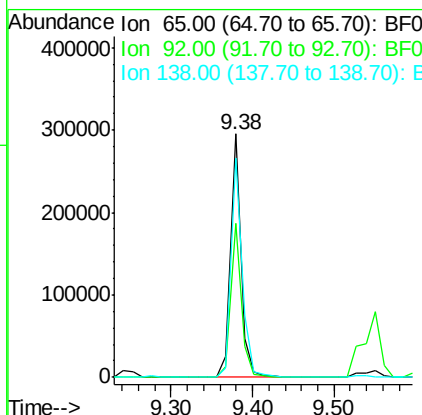
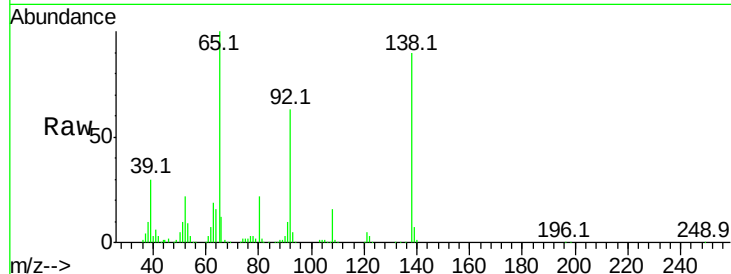
#47
2-Nitroaniline
Concen: 47.74 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	53.9	80.9
138	90.0	76.8	115.2

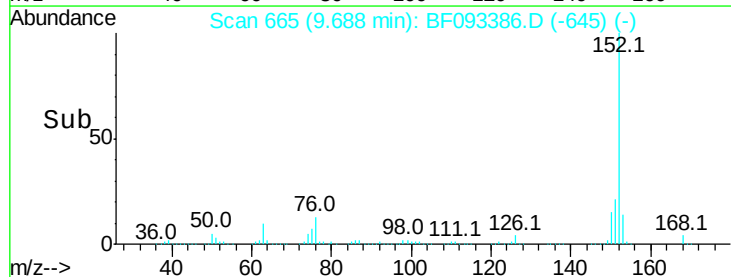
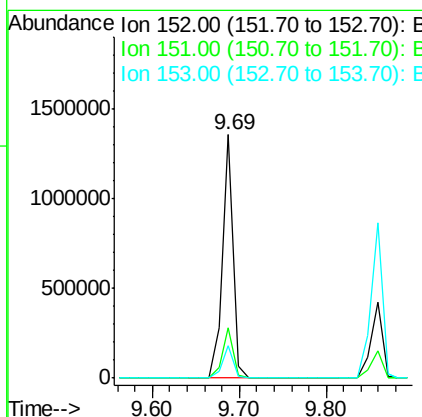
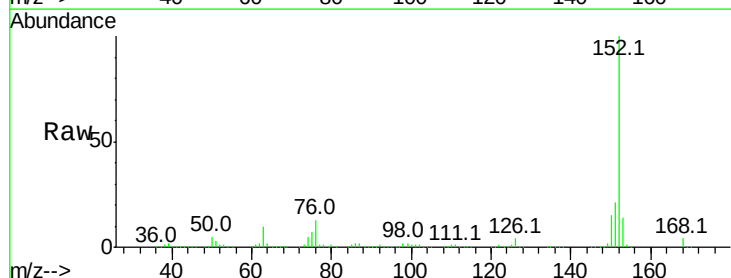
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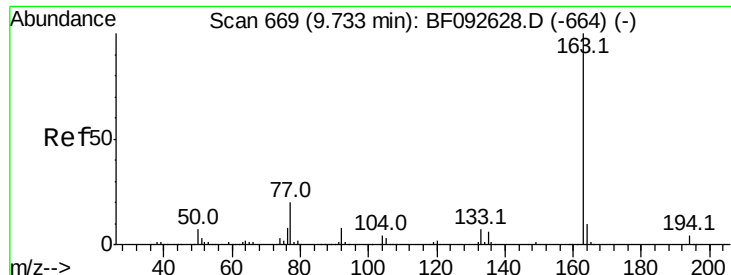
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#48
Acenaphthylene
Concen: 42.00 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

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





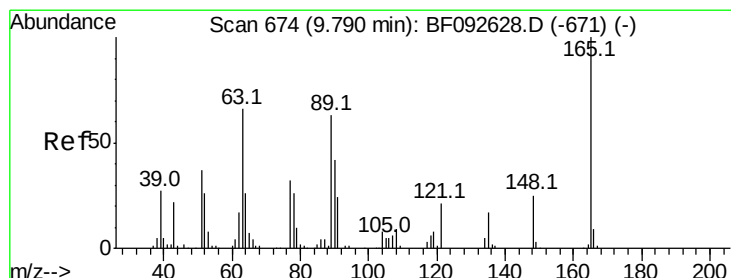
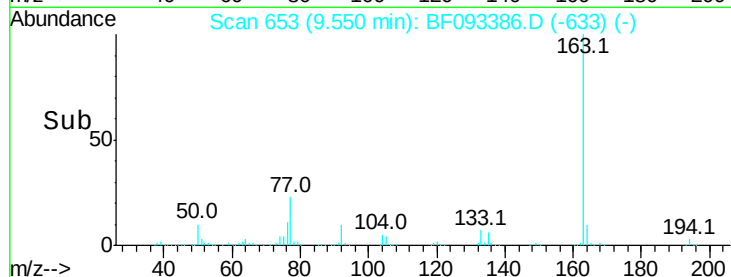
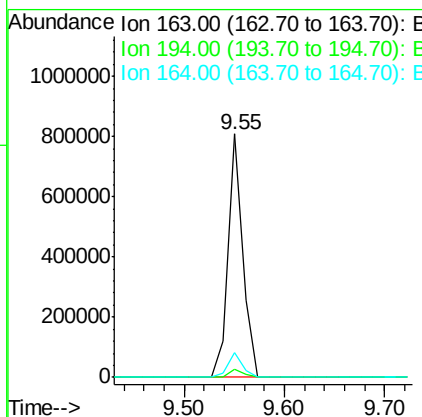
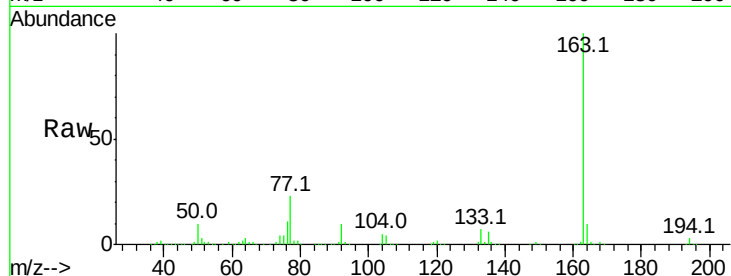
#49
Dimethylphthalate
Concen: 42.28 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 817573
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.4 8.0 12.0

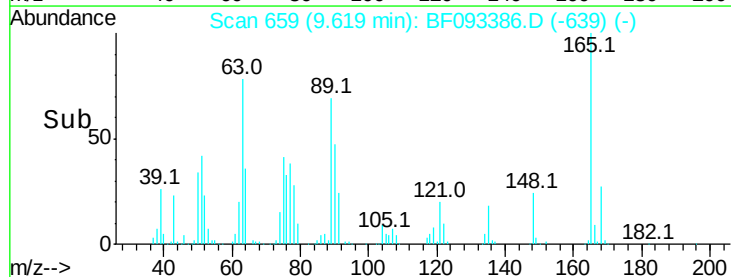
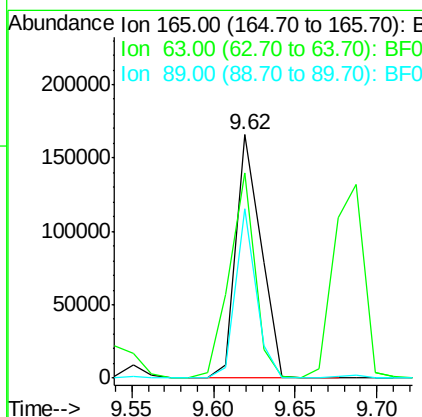
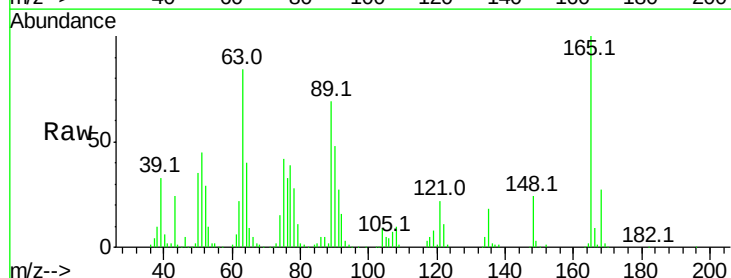
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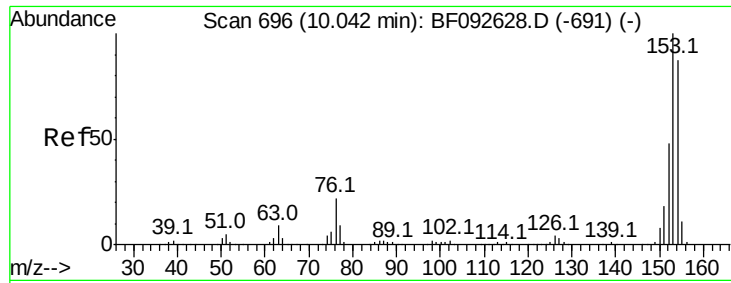
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#50
2,6-Dinitrotoluene
Concen: 41.83 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion:165 Resp: 174668
Ion Ratio Lower Upper
165 100
63 84.2 36.2 54.4#
89 69.4 40.2 60.4#





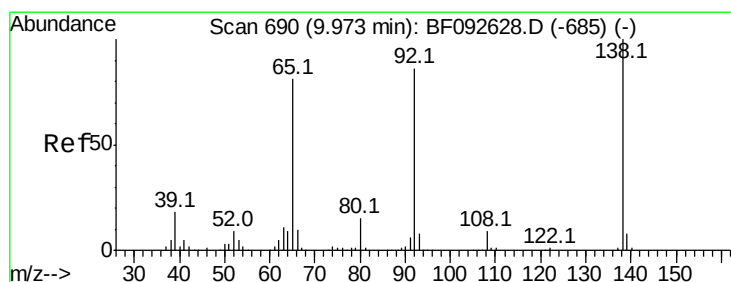
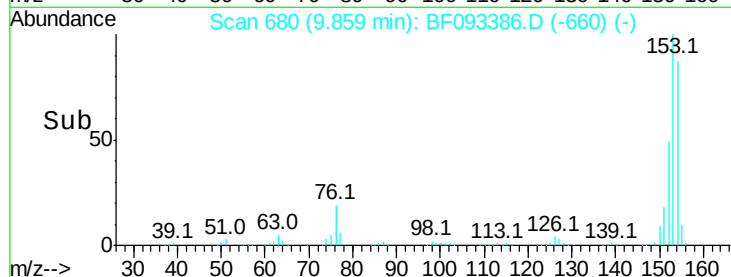
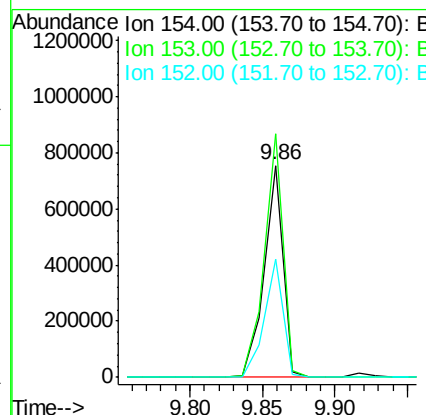
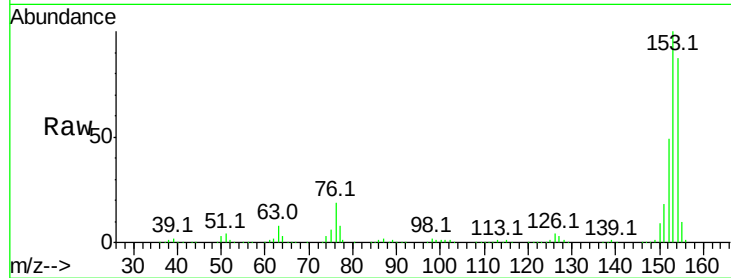
#51
Acenaphthene
Concen: 40.83 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	88.6	133.0
152	55.9	41.6	62.4

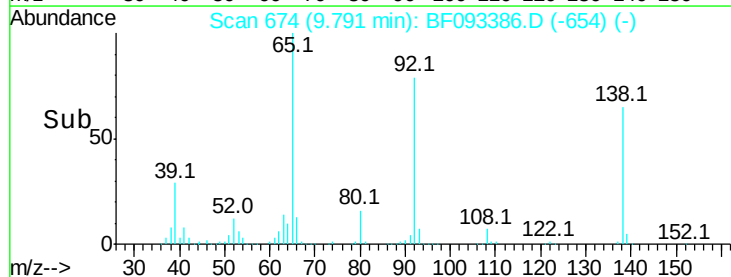
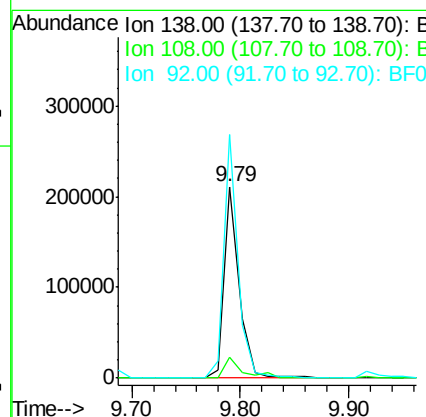
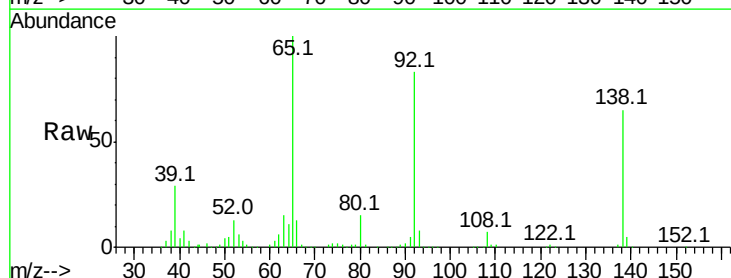
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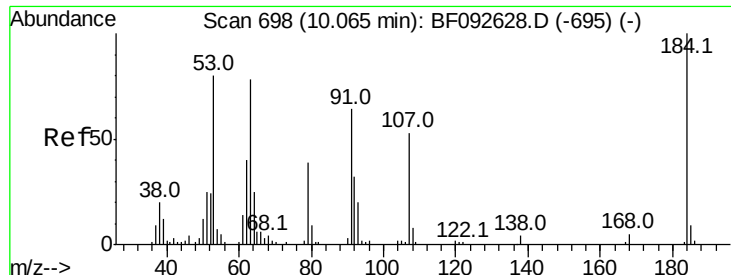
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#52
3-Nitroaniline
Concen: 42.84 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	127.1	97.8	146.8





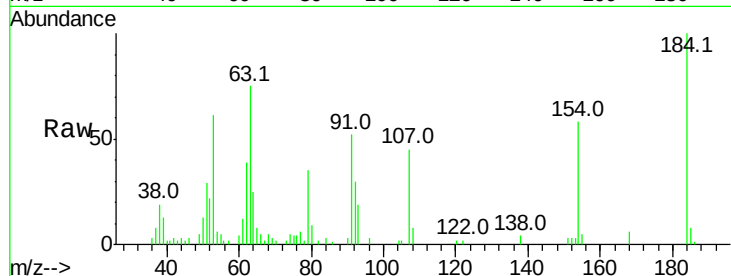
#53
 2,4-Dinitrophenol
 Concen: 19.64 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.05 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	75.2	28.4	42.6	
154	57.7	44.3	66.5	

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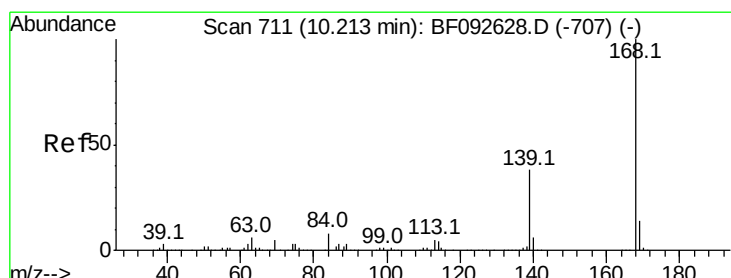
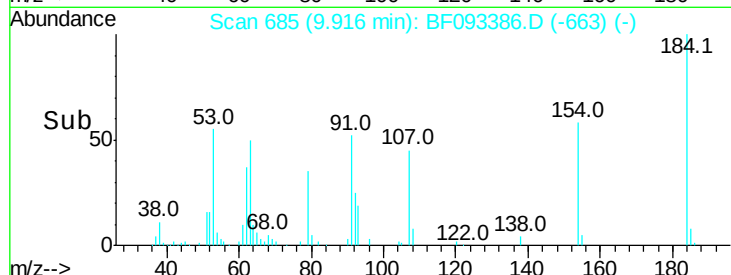
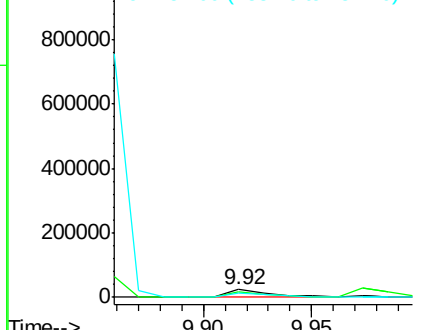


Abundance

Ion 184.00 (183.70 to 184.70): E

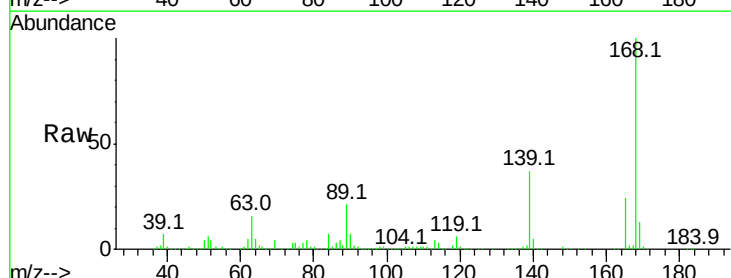
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 39.68 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.8	32.6	49.0	
169	13.3	11.3	16.9	

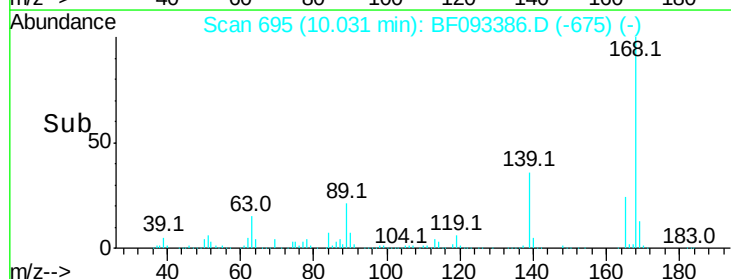
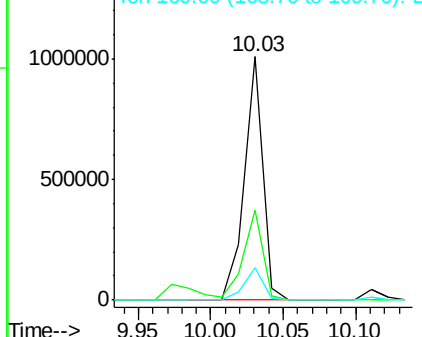


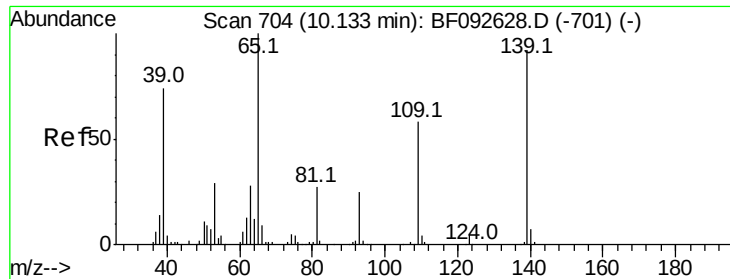
Abundance

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





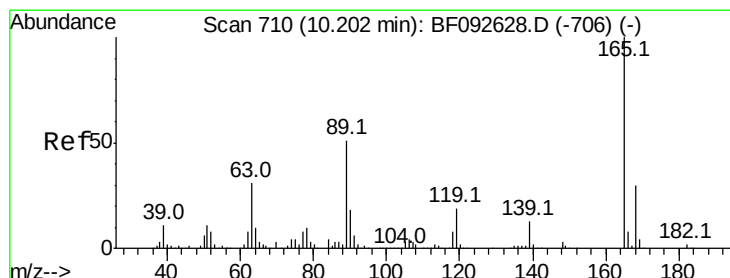
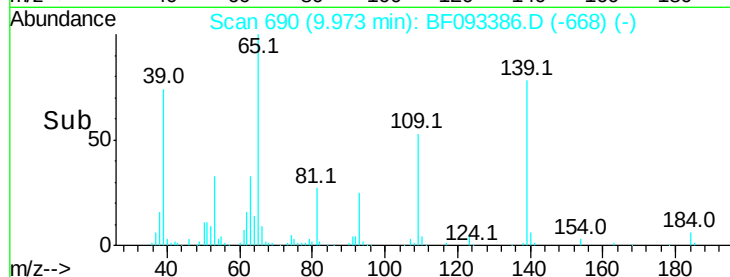
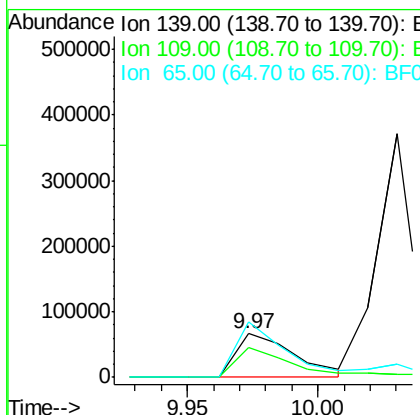
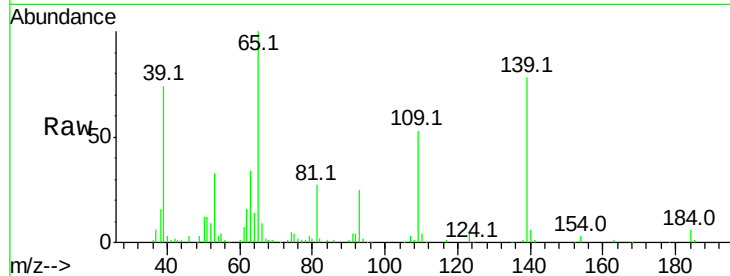
#55
4-Nitrophenol
Concen: 30.34 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.05 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.8	52.2	92.2	
65	128.1	85.8	125.8	

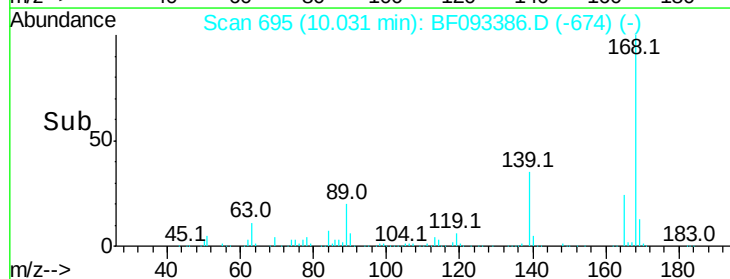
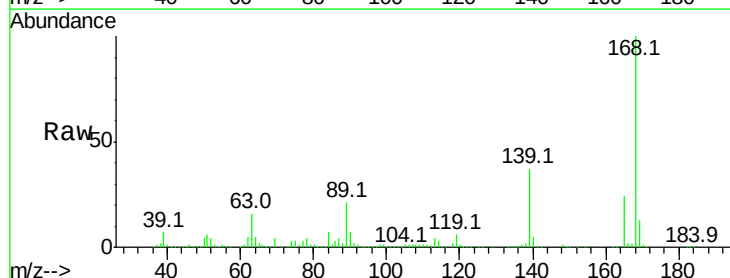
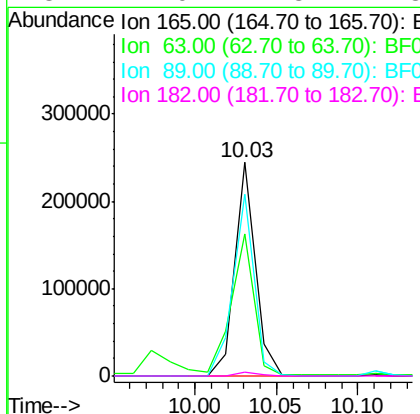
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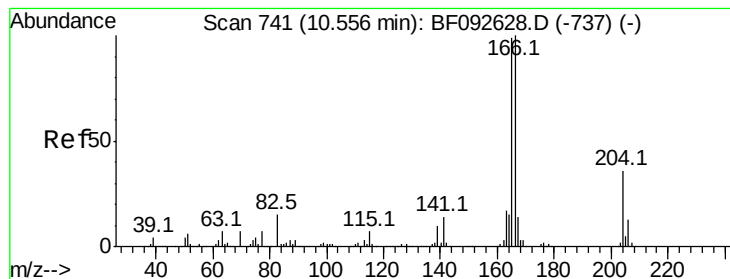
mohammad
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#56
2,4-Dinitrotoluene
Concen: 38.28 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.3	40.2	60.4	
89	84.9	62.5	93.7	
182	2.0	1.8	2.8	





#57

Fluorene

Concen: 44.79 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

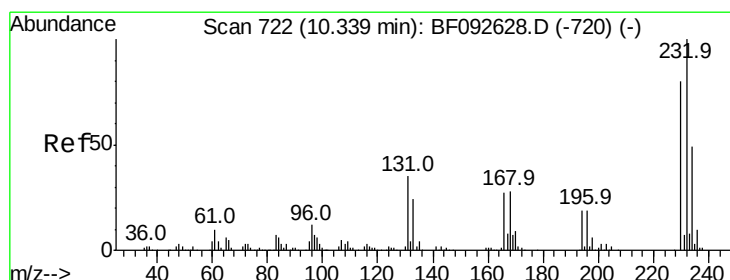
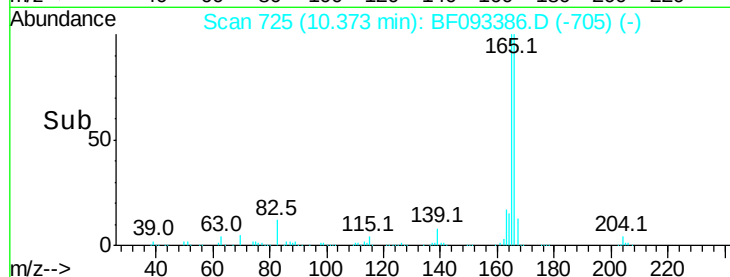
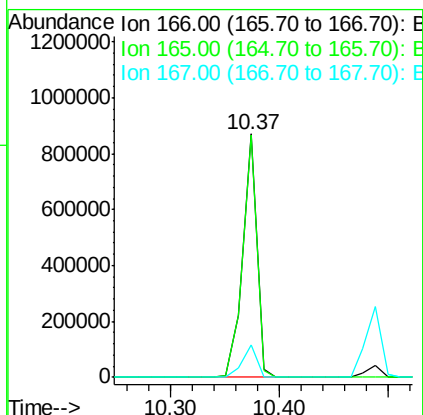
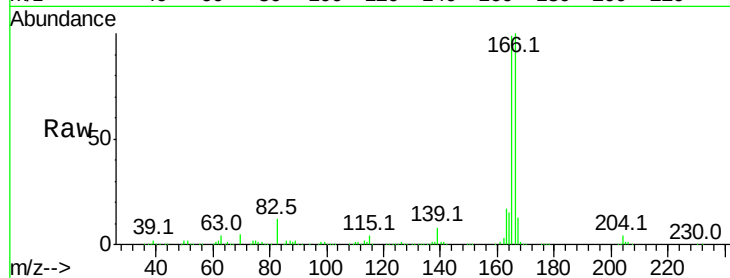
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	774112
Ion Ratio	Lower	Upper	
166	100		
165	99.4	77.8	116.8
167	13.2	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.96 ng

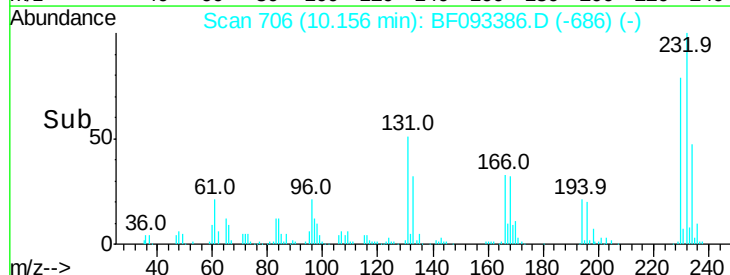
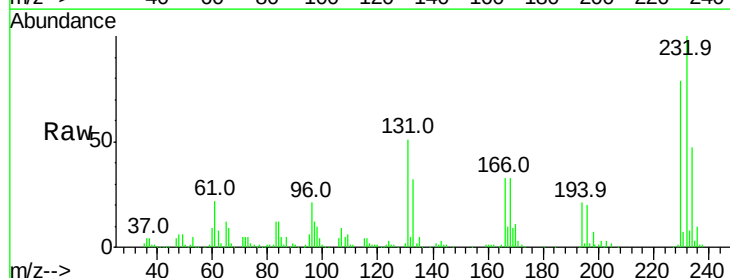
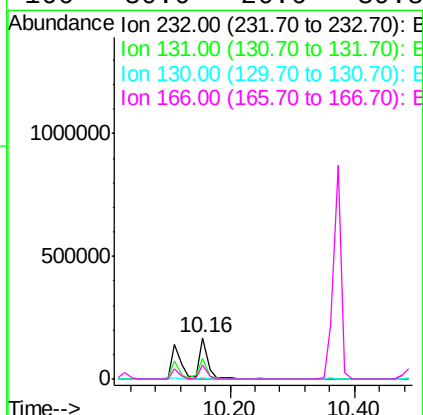
RT: 10.16 min Scan# 706

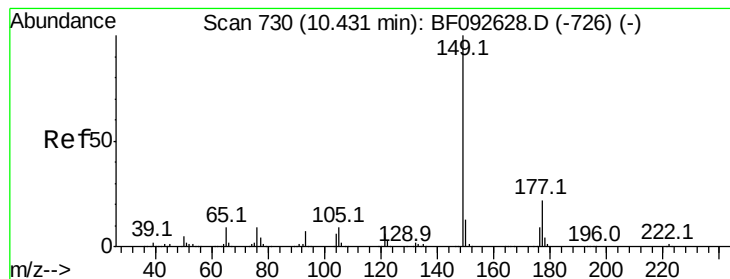
Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion:	232	Resp:	166246
Ion Ratio	Lower	Upper	
232	100		
131	46.9	40.1	60.1
130	2.4	1.8	2.8
166	30.0	26.6	39.8





#59

Diethylphthalate

Concen: 45.55 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

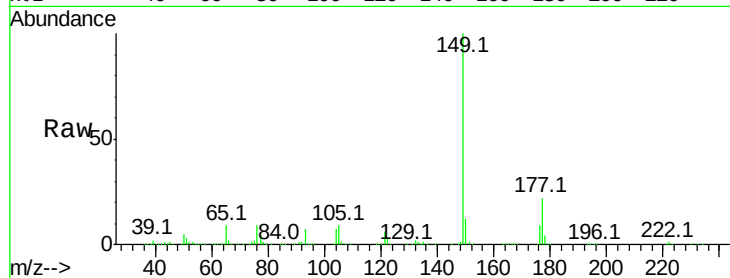
ClientSampleId :

SSTDCCC040

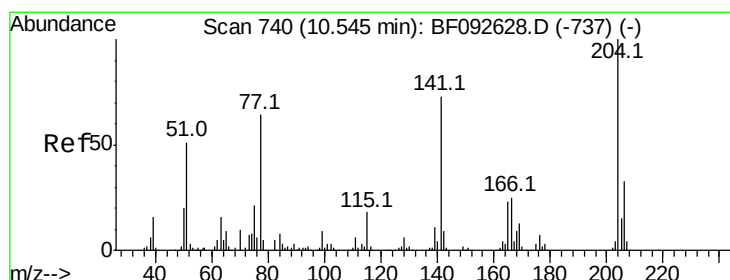
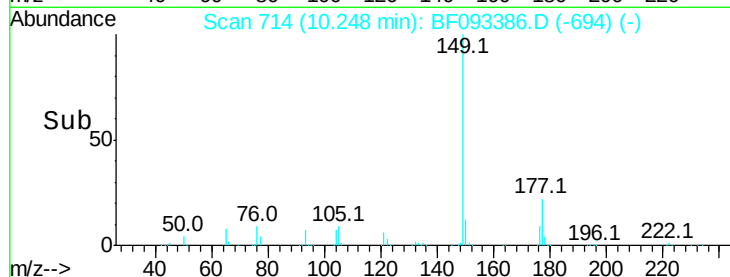
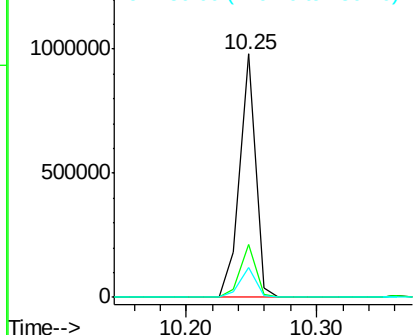
Tot Ion:	149	Resp:	829961
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.6	25.0
150	12.4	10.4	15.6

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



#60

4-Chlorophenyl-phenylether

Concen: 41.71 ng

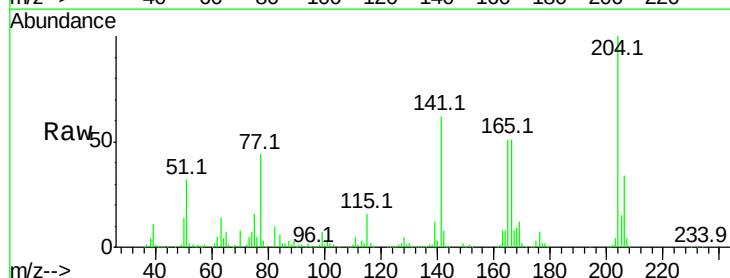
RT: 10.36 min Scan# 724

Delta R.T. -0.07 min

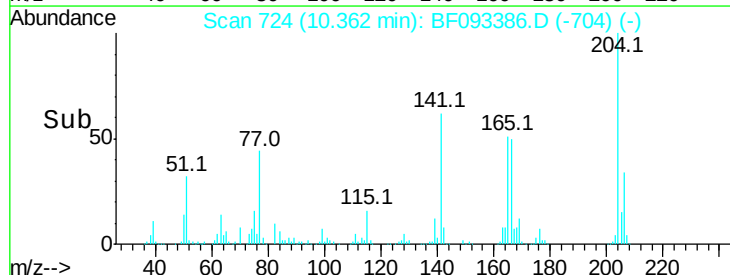
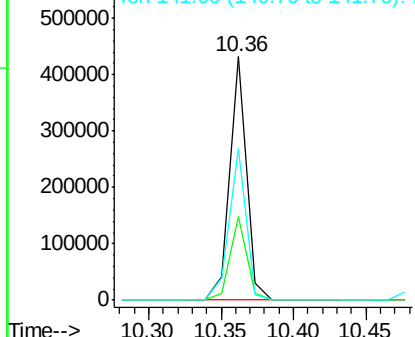
Lab File: BF093386.D

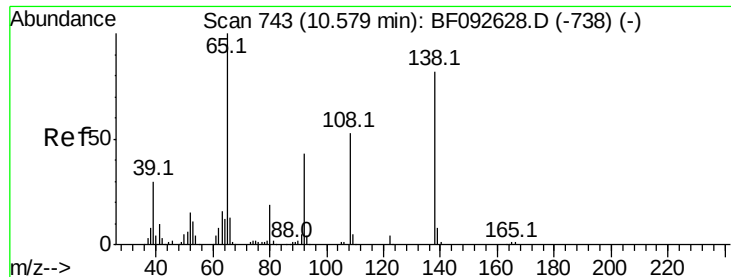
Acq: 4 Mar 2017 5:44

Tgt Ion:	204	Resp:	346310
Ion Ratio	Lower	Upper	
204	100		
206	34.4	25.8	38.6
141	62.1	59.4	89.0



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





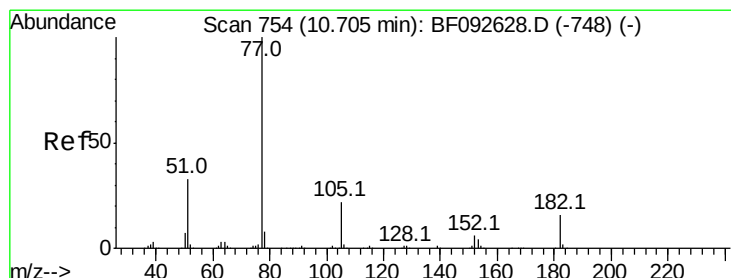
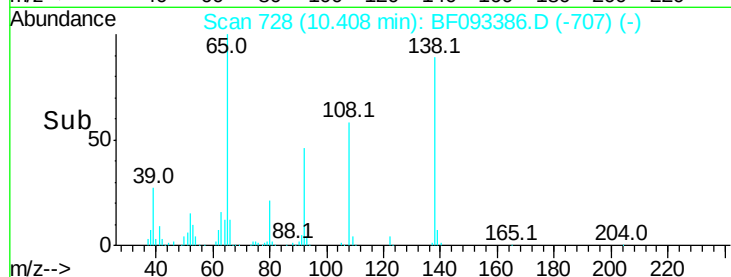
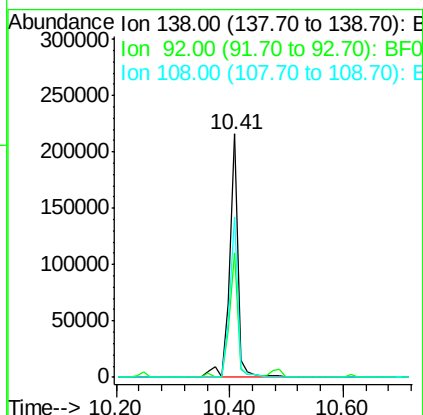
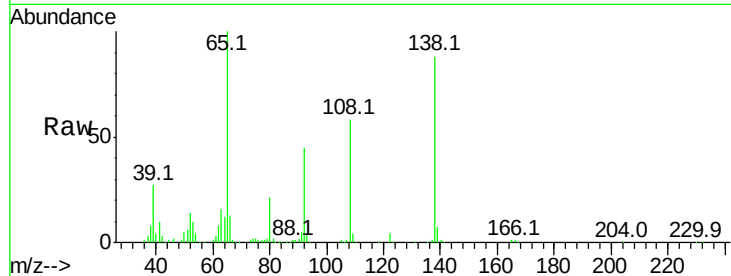
#61
4-Nitroaniline
Concen: 45.75 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.06 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.2	31.7	71.7
108	65.6	52.6	92.6

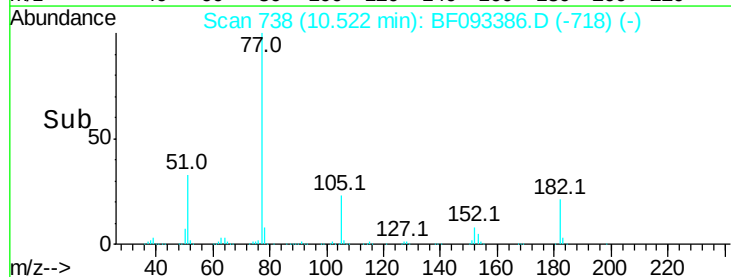
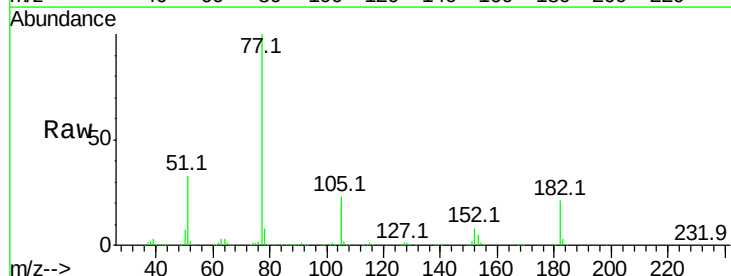
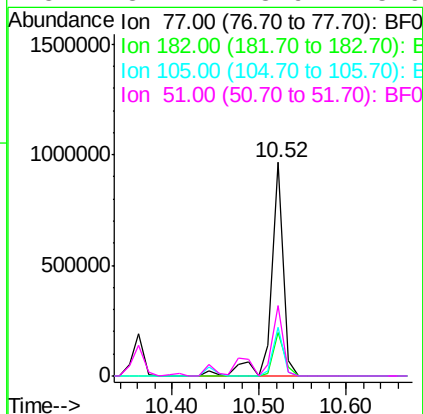
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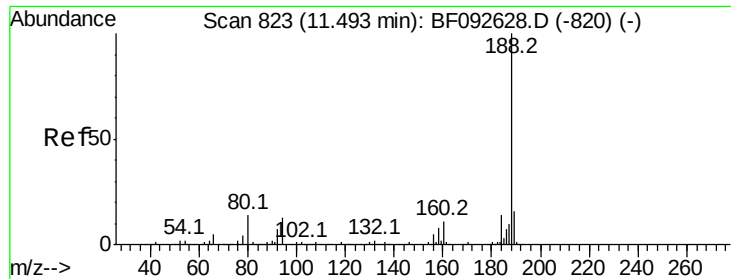
mohammad
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#62
Azobenzene
Concen: 48.20 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.5	0.0	39.3
105	23.0	2.3	42.3
51	32.7	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

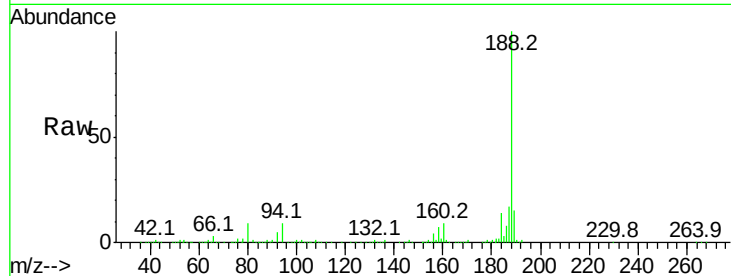
ClientSampleId :

SSTDCCC040

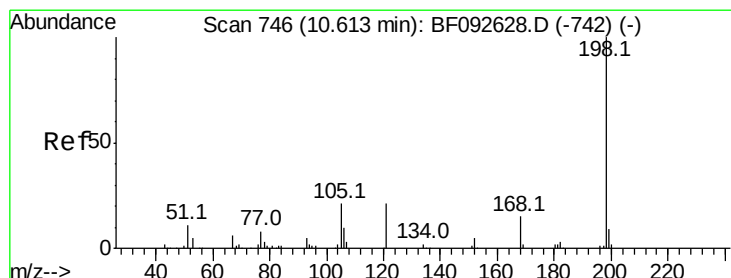
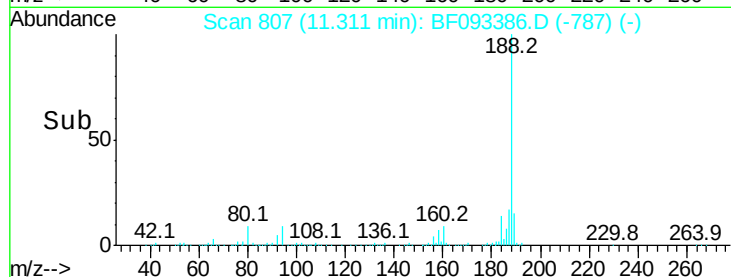
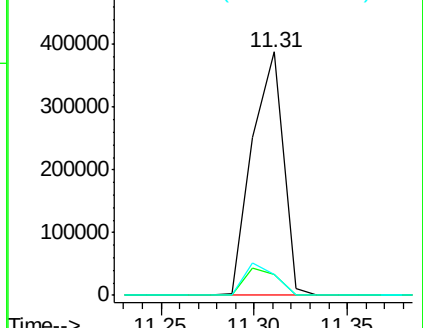
Tot Ion:	188	Resp:	449463
Ion Ratio	Lower	Upper	
188	100		
94	8.6	10.0	15.0#
80	8.7	11.2	16.8#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 30.38 ng

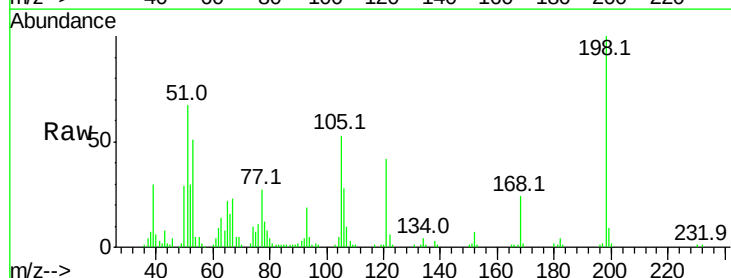
RT: 10.44 min Scan# 731

Delta R.T. -0.06 min

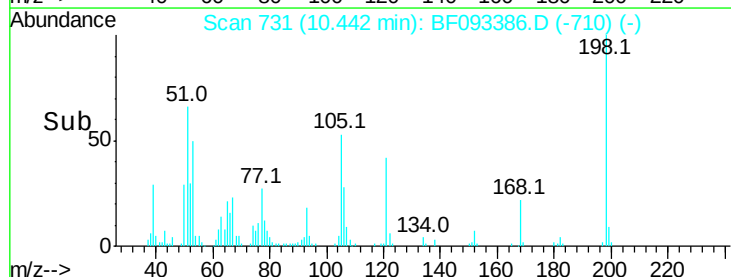
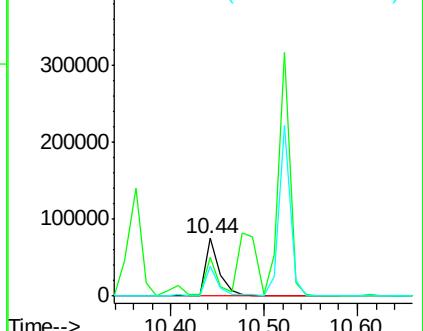
Lab File: BF093386.D

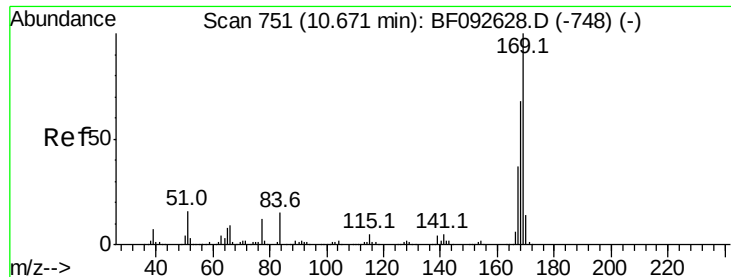
Acq: 4 Mar 2017 5:44

Tgt Ion:	198	Resp:	80265
Ion Ratio	Lower	Upper	
198	100		
51	66.6	6.7	46.7#
105	52.9	16.6	56.6



Abundance Ion 198.00 (197.70 to 198.70): E





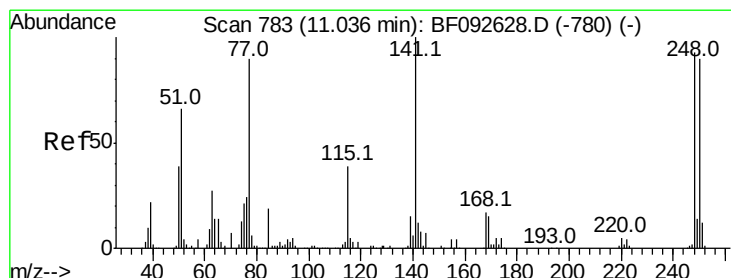
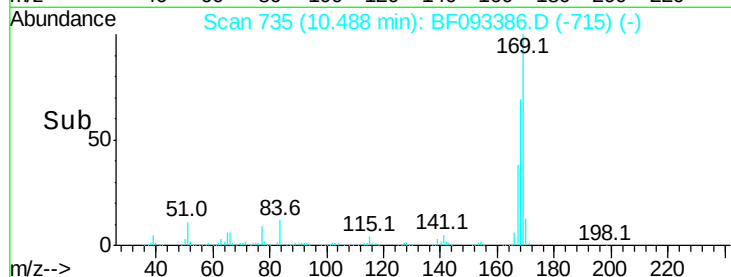
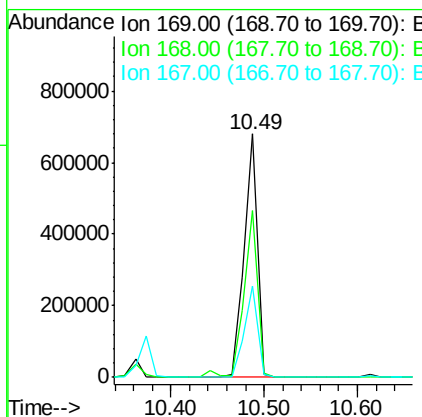
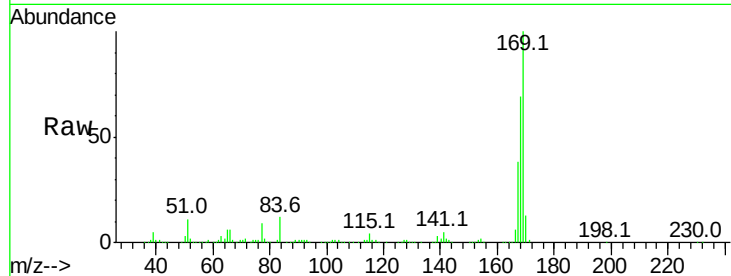
#65
n-Nitrosodiphenylamine
Concen: 46.90 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	673364		
168	68.6		54.2	81.2
167	37.5		30.2	45.4

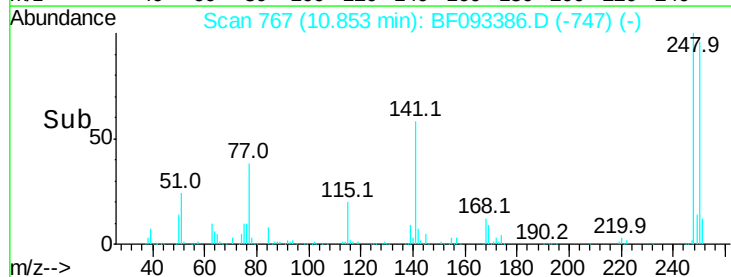
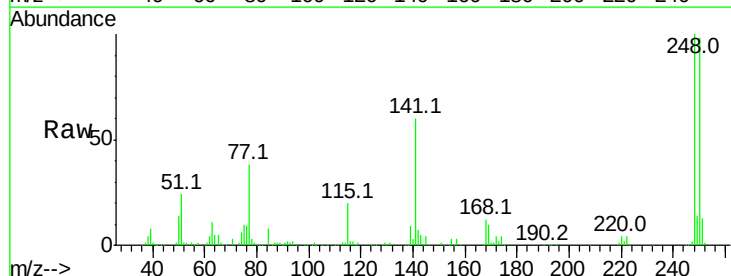
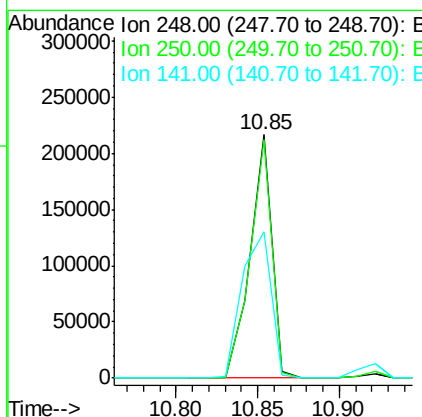
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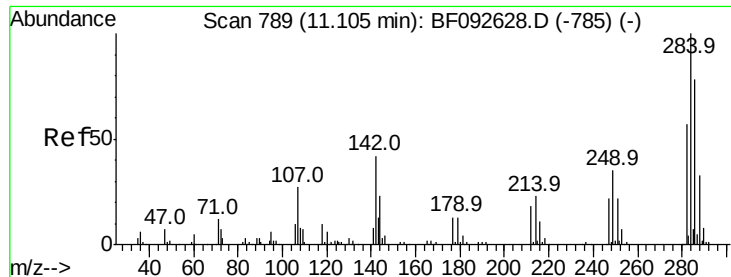
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#66
4-Bromophenyl-phenylether
Concen: 42.82 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	201088		
250	97.7		76.9	115.3
141	60.1		68.2	102.4#





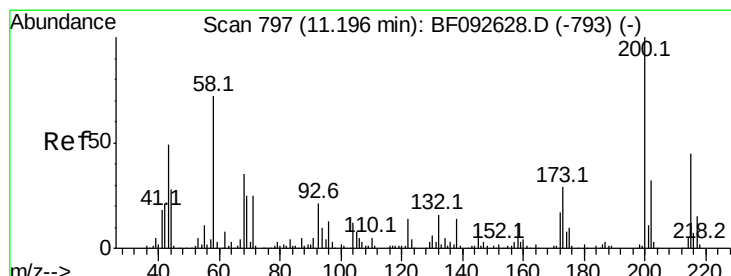
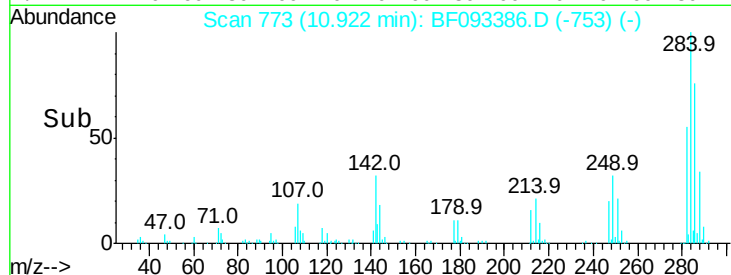
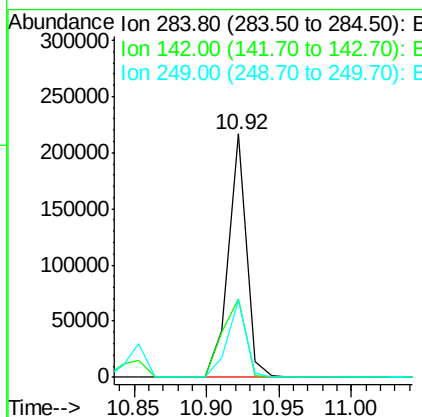
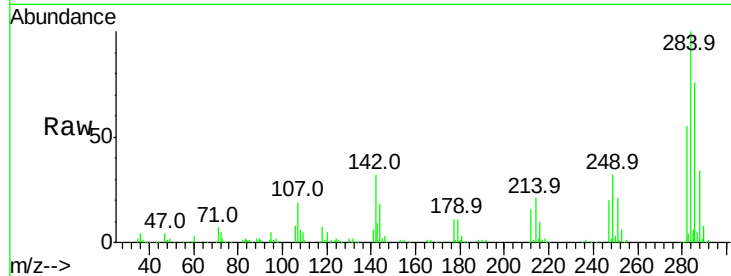
#67
Hexachlorobenzene
Concen: 40.41 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	32.5	22.6	33.8
249	32.0	25.4	38.0

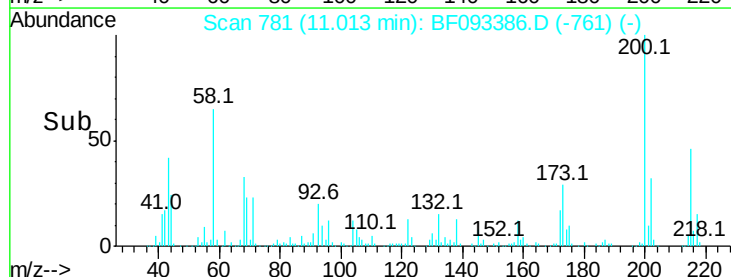
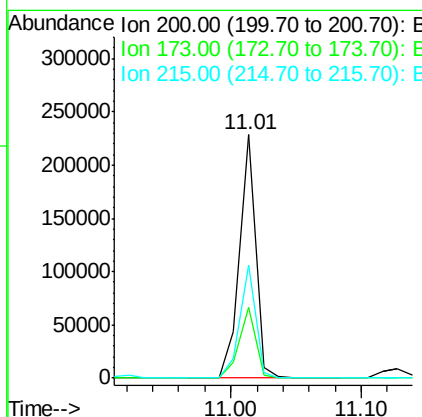
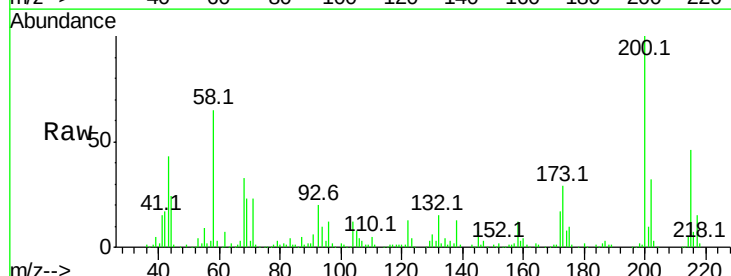
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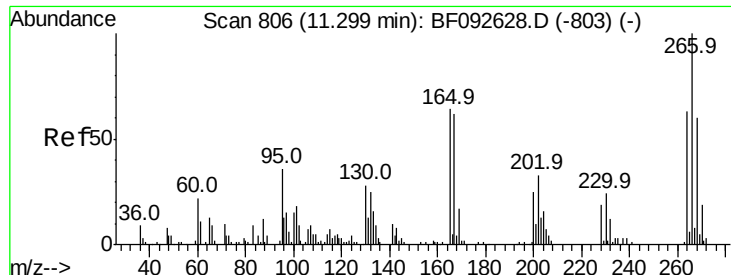
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#68
Atrazine
Concen: 42.52 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.0	9.6	49.6
215	46.5	25.7	65.7





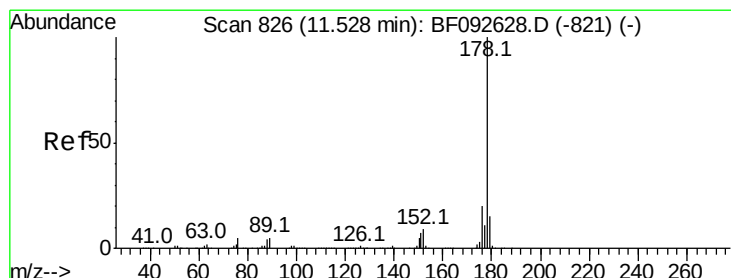
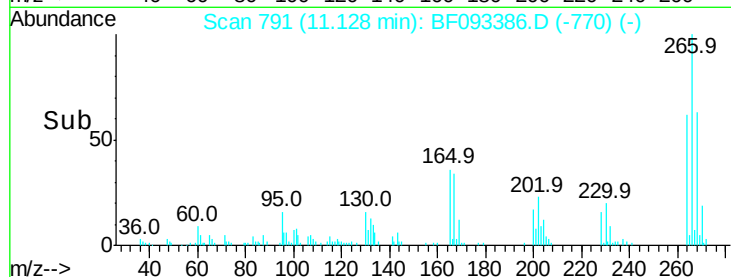
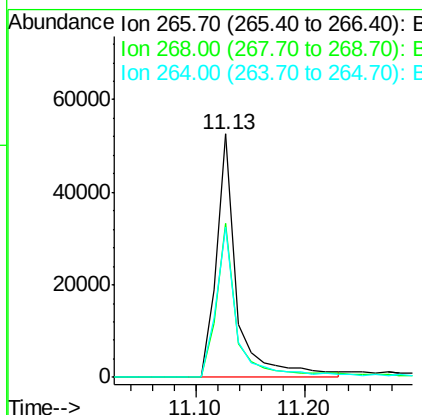
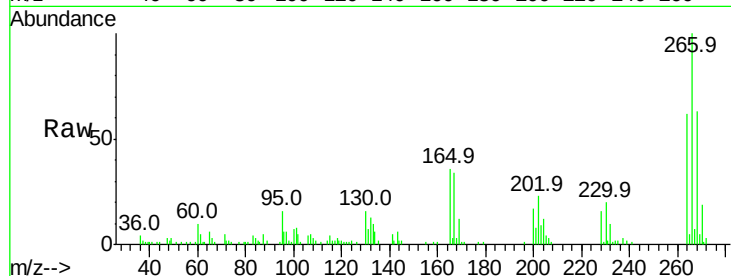
#69
 Pentachlorophenol
 Concen: 33.83 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.06 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	70100		
268	63.1	53.3	79.9	
264	61.5	50.3	75.5	

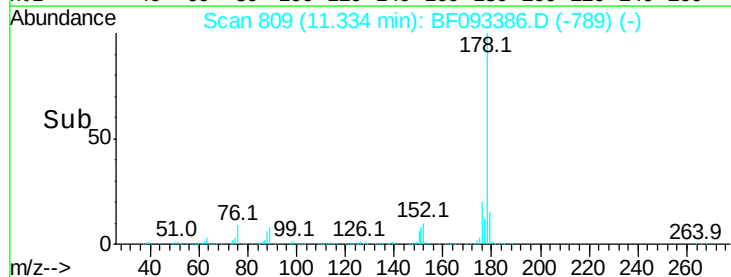
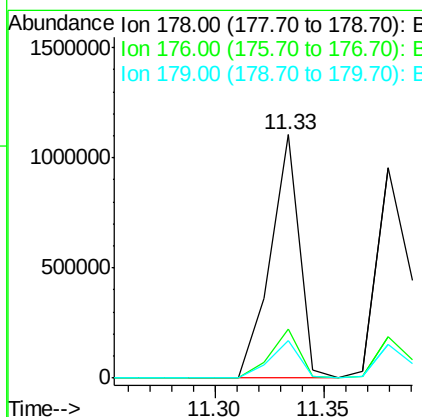
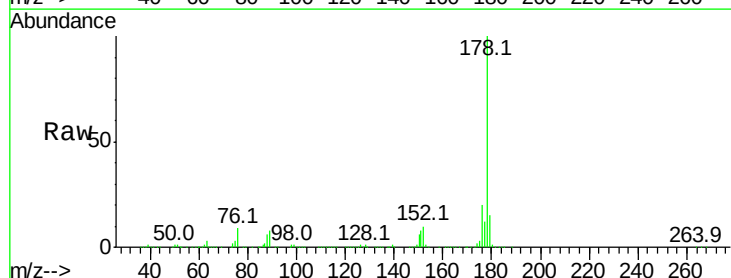
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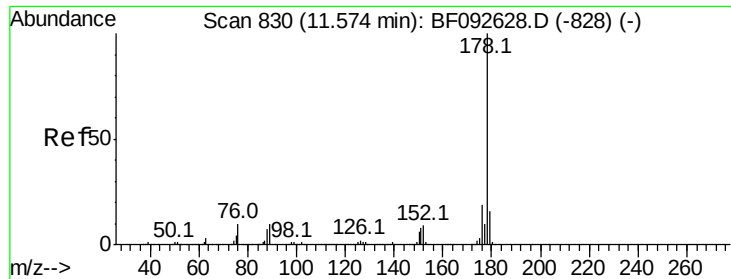
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#70
 Phenanthrene
 Concen: 40.19 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1034918		
176	20.0	16.6	25.0	
179	15.5	12.8	19.2	





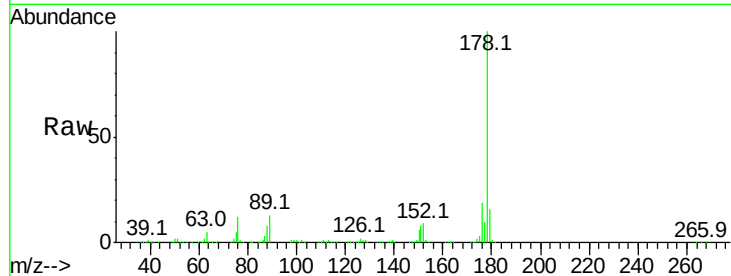
#71
 Anthracene
 Concen: 38.59 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.08 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

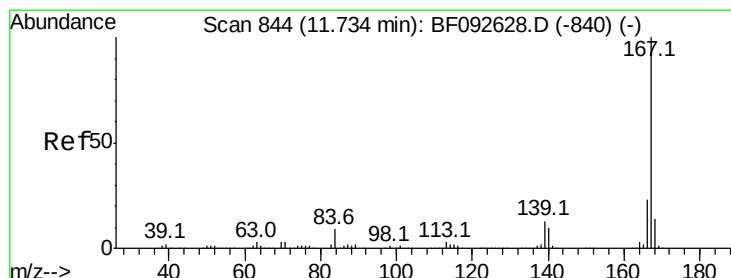
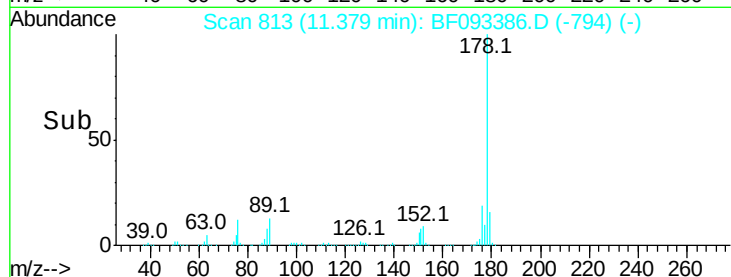
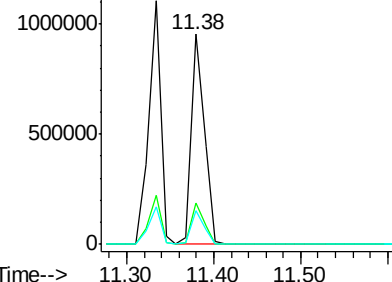
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.8	13.2	19.8

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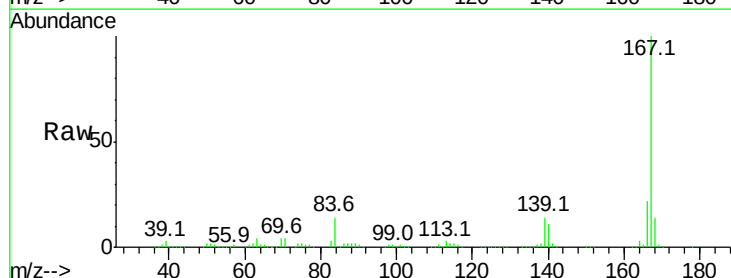


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

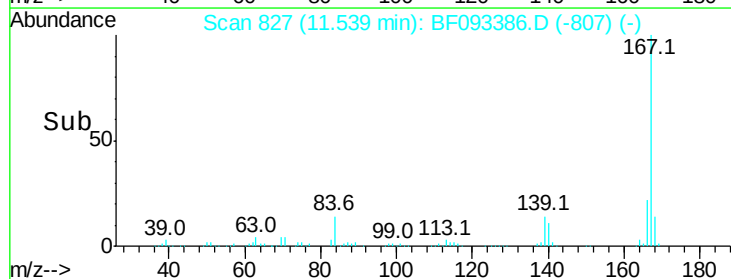
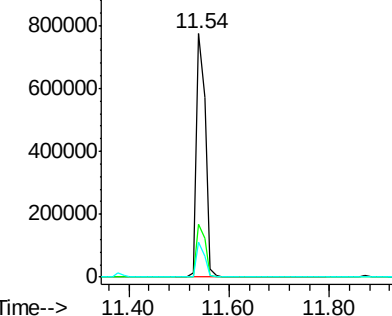


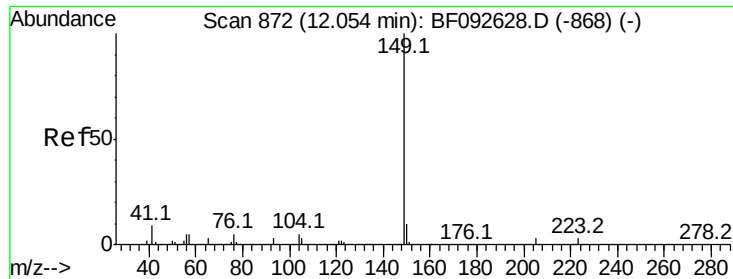
#72
 Carbazole
 Concen: 39.13 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.2
139	14.4	11.4	17.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.53 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

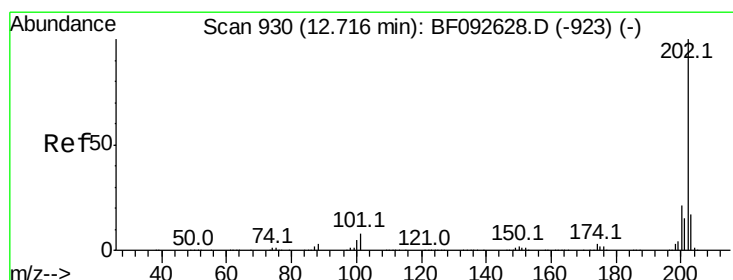
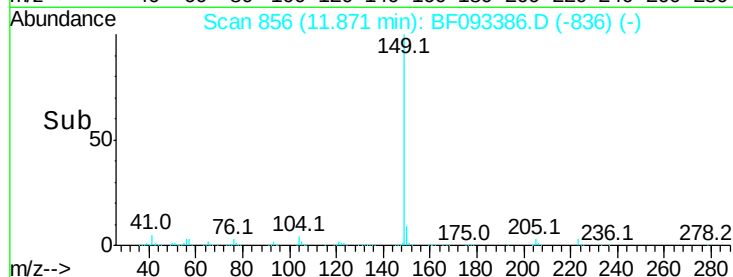
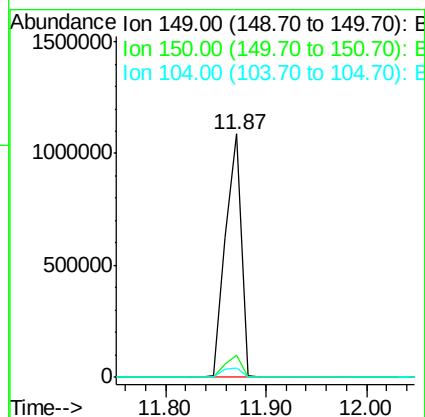
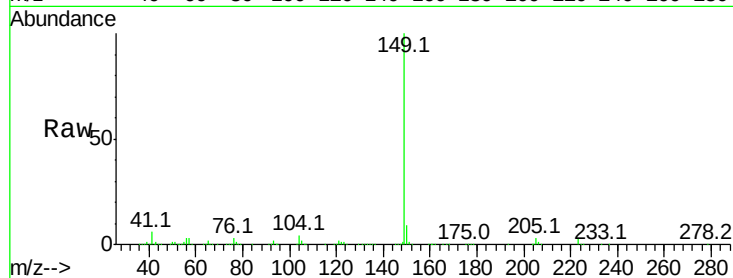
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	3.8	4.6	7.0

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#74

Fluoranthene

Concen: 33.78 ng

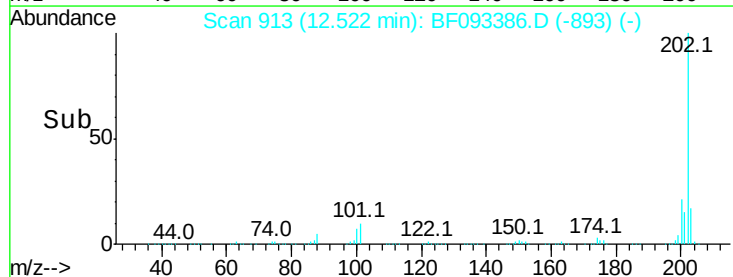
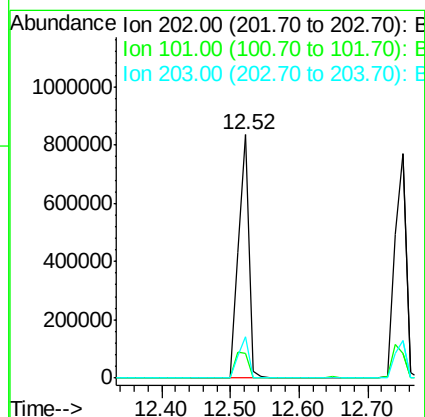
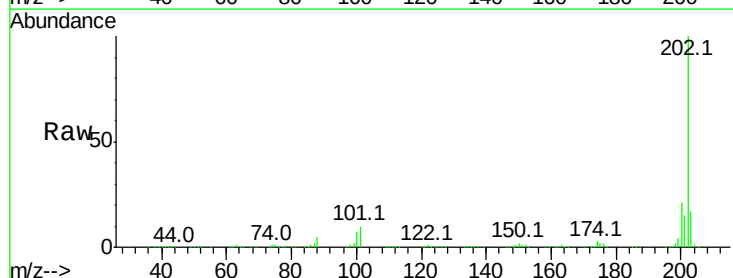
RT: 12.52 min Scan# 913

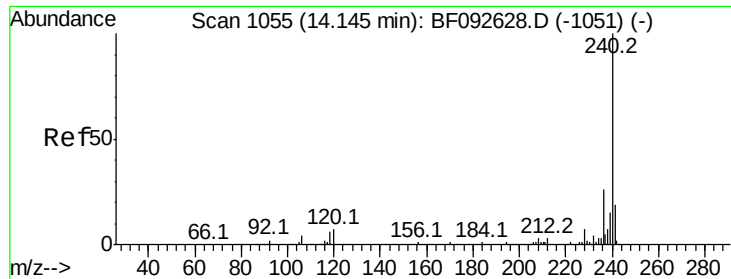
Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.6
203	16.8	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.07 min

Lab File: BF093386.D

Acq: 4 Mar 2017 5:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 294577
Ion Ratio Lower Upper

240 100

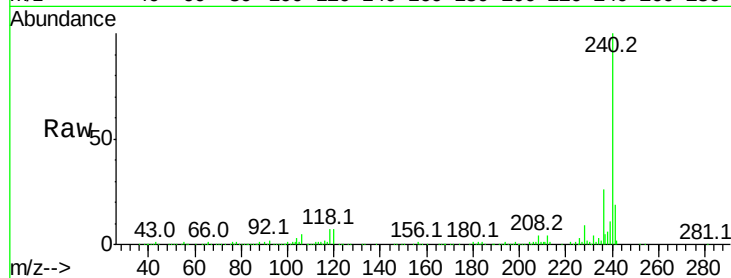
120 7.3 12.9 19.3#

236 25.6 20.9 31.3

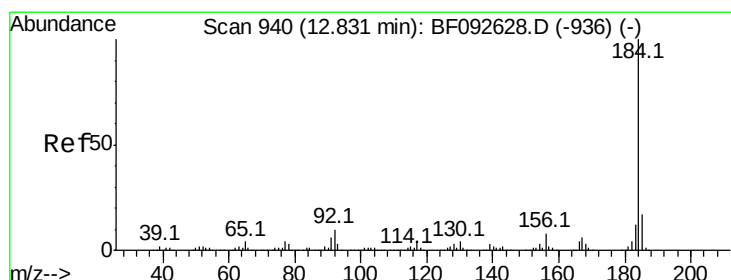
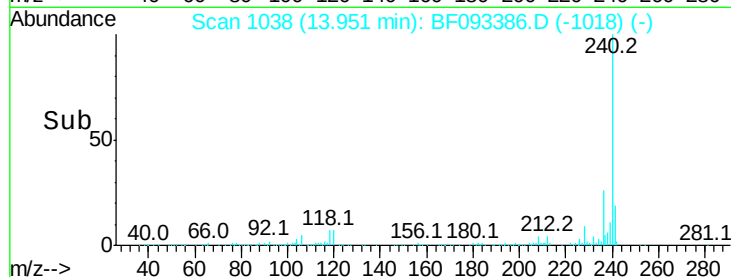
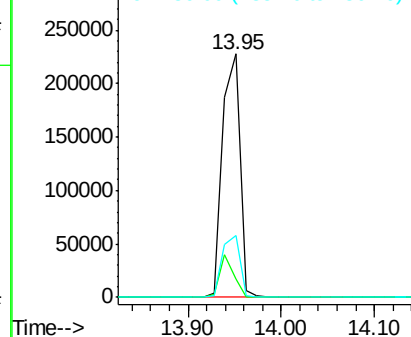
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.15 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.07 min

Lab File: BF093386.D

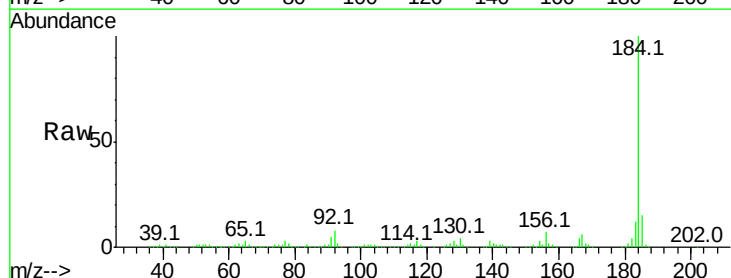
Acq: 4 Mar 2017 5:44

Tgt Ion:184 Resp: 755090
Ion Ratio Lower Upper

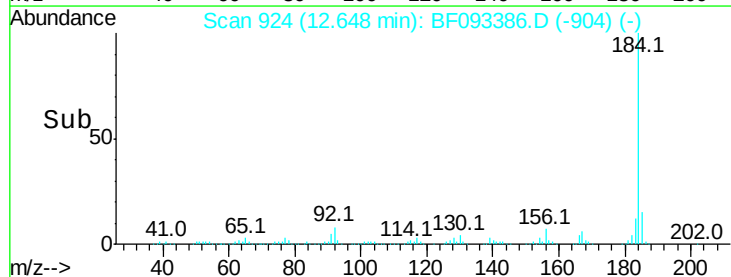
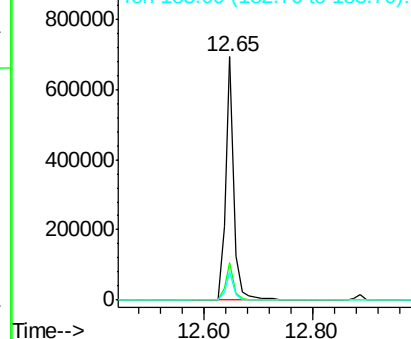
184 100

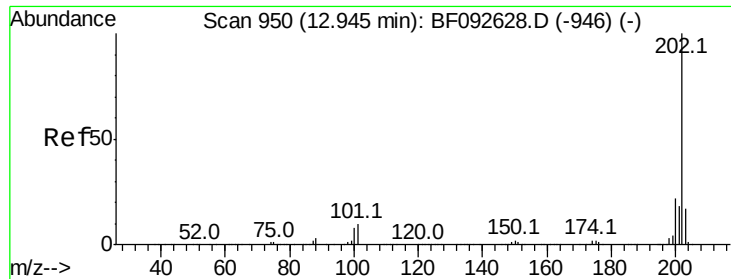
185 15.3 13.4 20.0

183 11.7 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





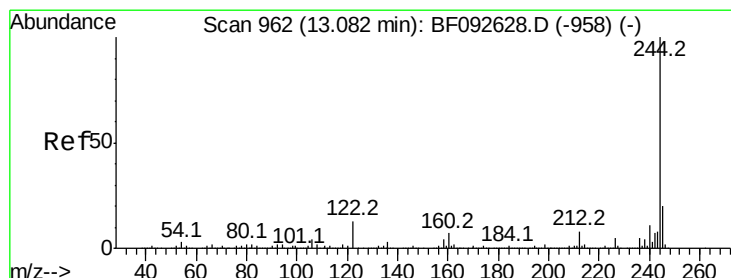
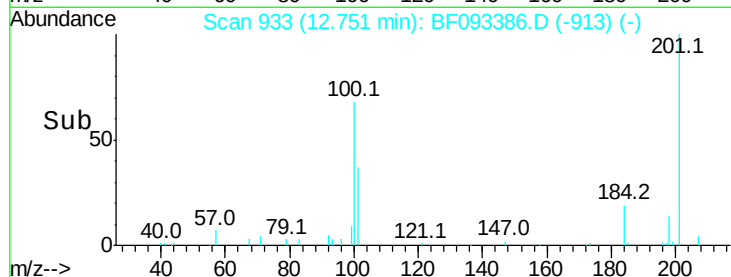
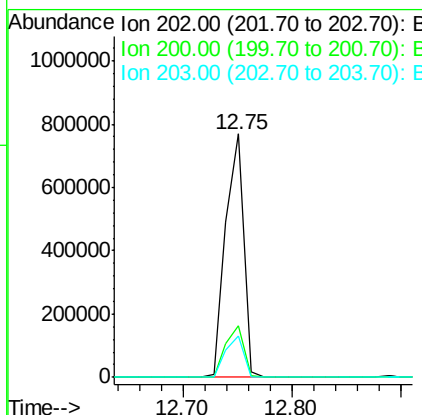
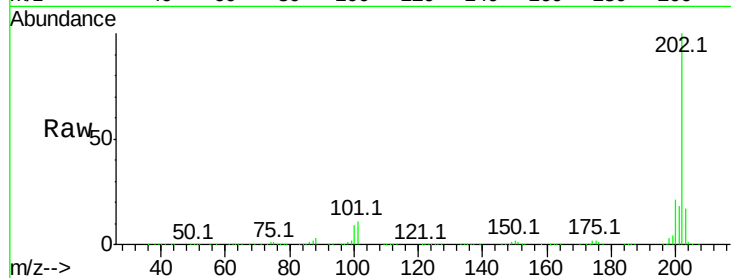
#77
Pvrene
Concen: 40.35 ng
RT: 12.75 min Scan# 933
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	16.8	14.7	22.1

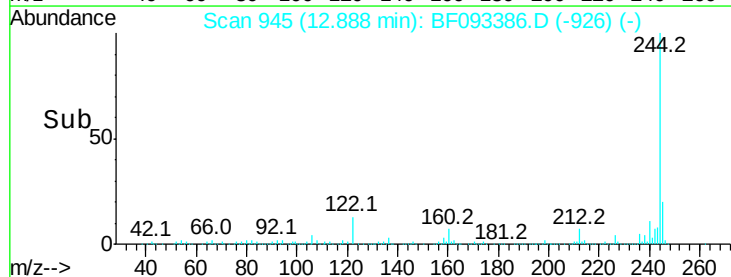
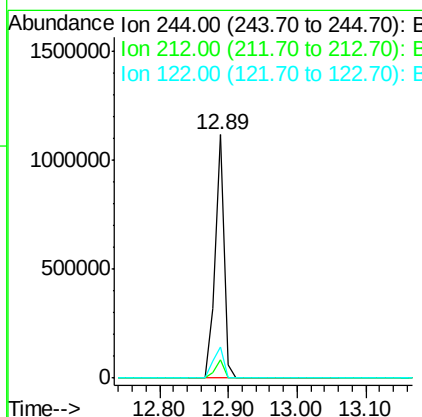
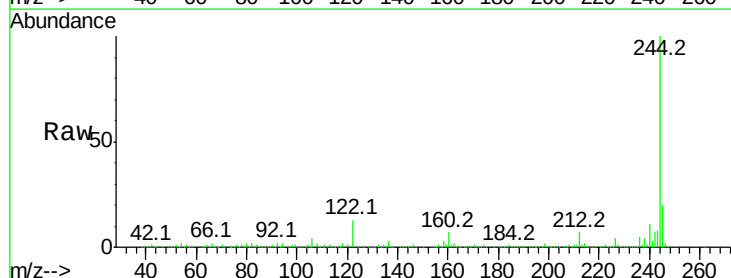
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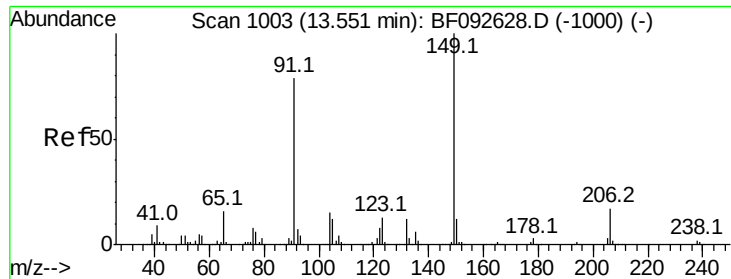
mohammad
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#78
Terphenyl-d14
Concen: 82.85 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.08 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.7	11.4	17.2





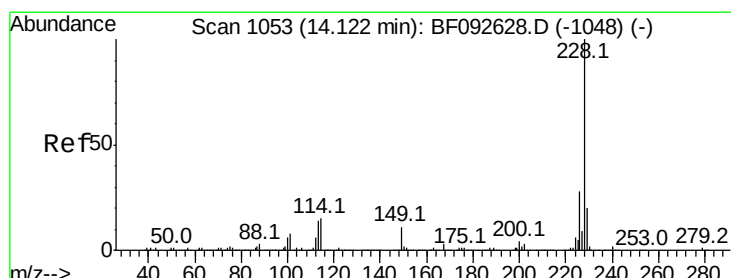
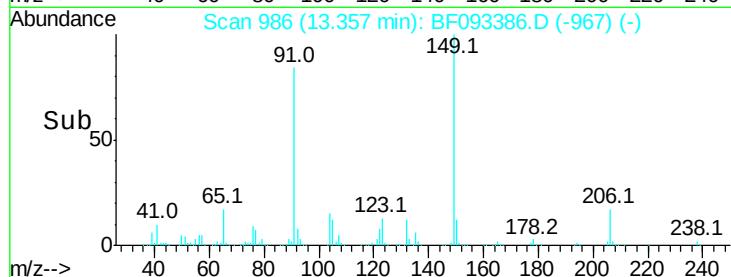
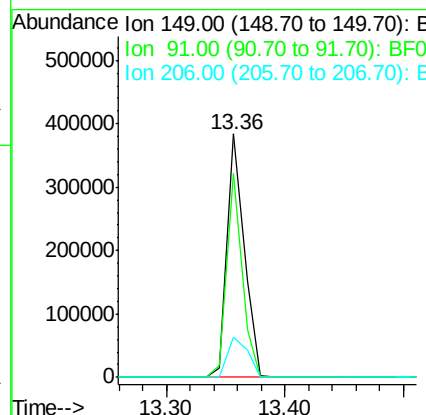
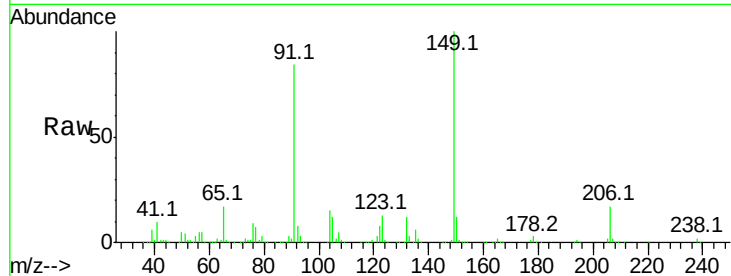
#79
Butylbenzylphthalate
Concen: 42.49 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.08 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	83.9	63.9	95.9
206	16.5	14.6	21.8

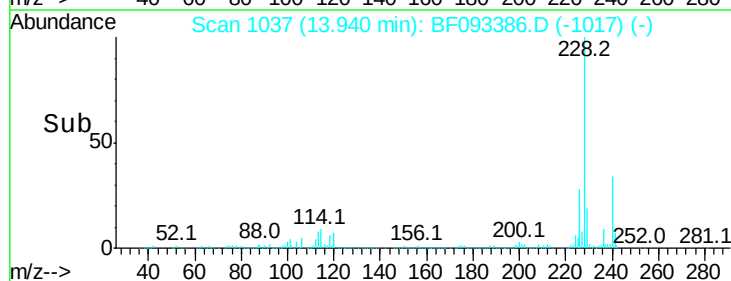
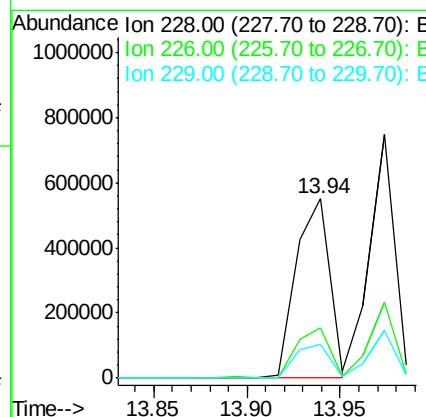
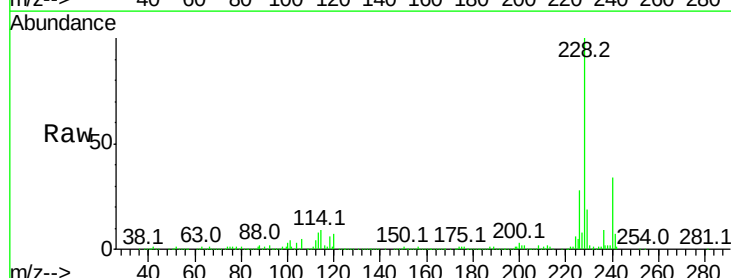
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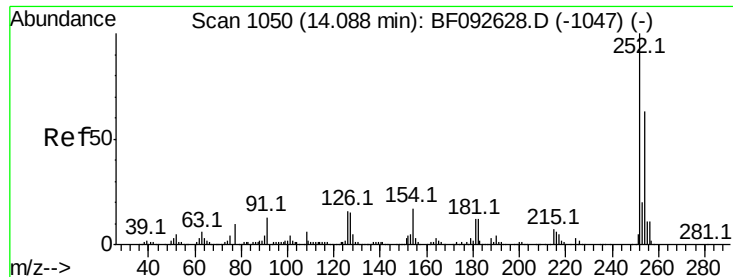
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#80
Benzo(a)anthracene
Concen: 38.47 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.07 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.1	22.4	33.6
229	19.0	16.2	24.4





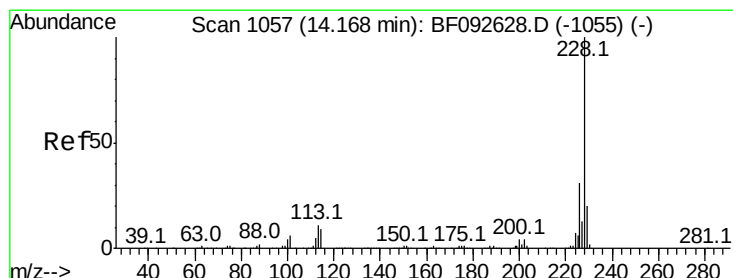
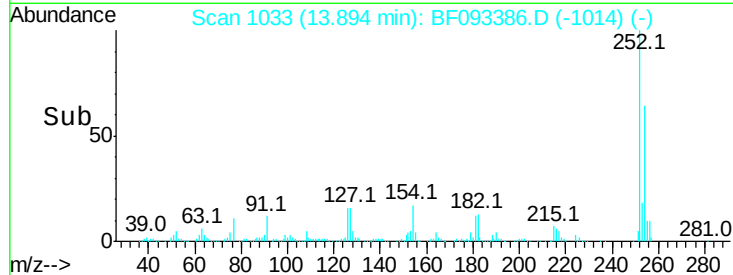
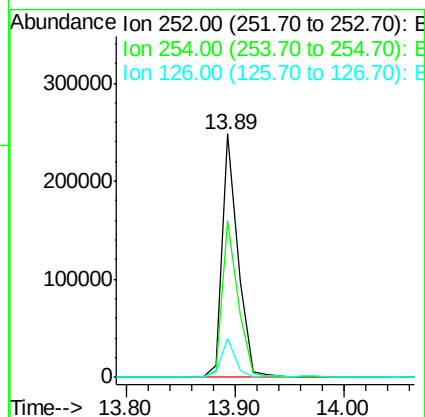
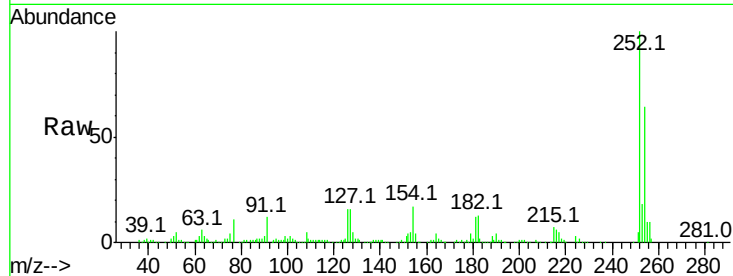
#81
 3,3'-Dichlorobenzidine
 Concen: 39.49 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.08 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	252	Resp:	253642
Ion Ratio	Lower	Upper	
252	100		
254	64.3	52.3	78.5
126	15.9	13.6	20.4

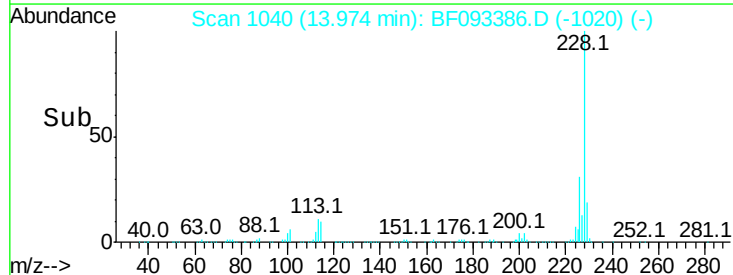
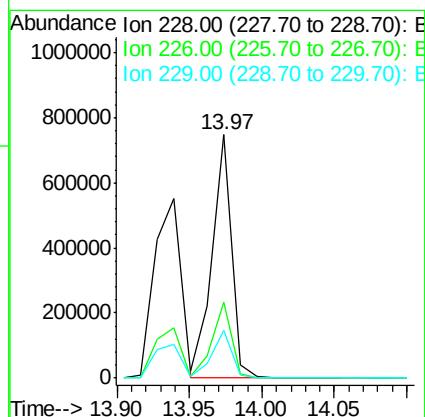
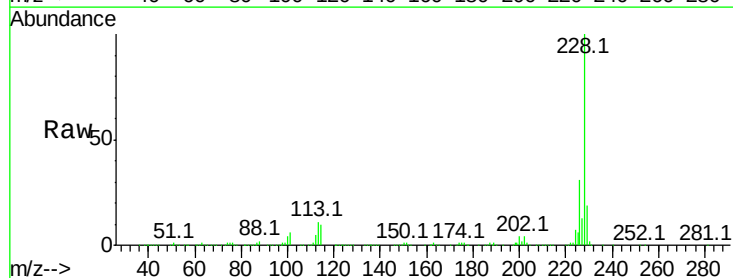
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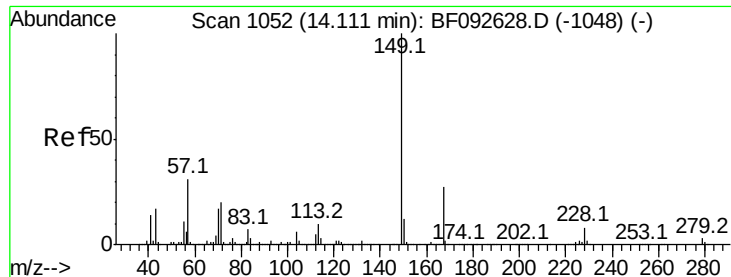
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#82
 Chrysene
 Concen: 41.32 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion:	228	Resp:	696973
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.4	38.0
229	19.5	16.2	24.2





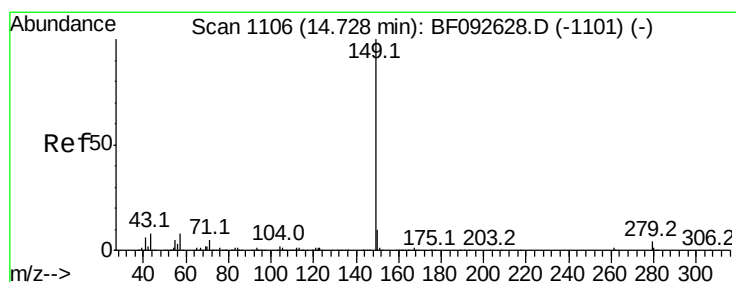
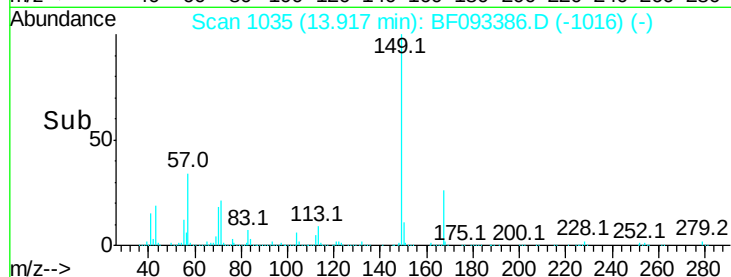
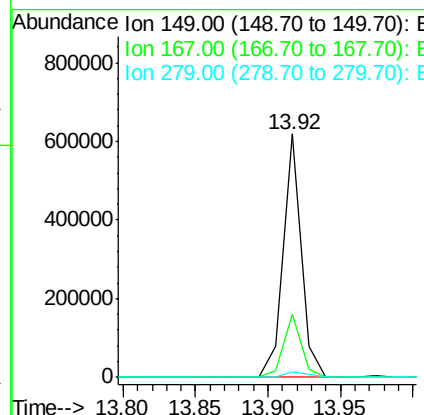
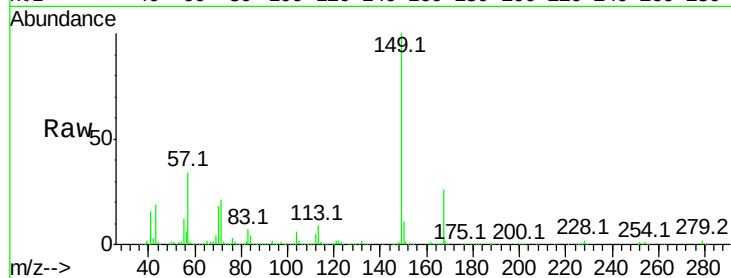
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.66 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.08 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.2	30.4
279	2.5	1.8	2.8

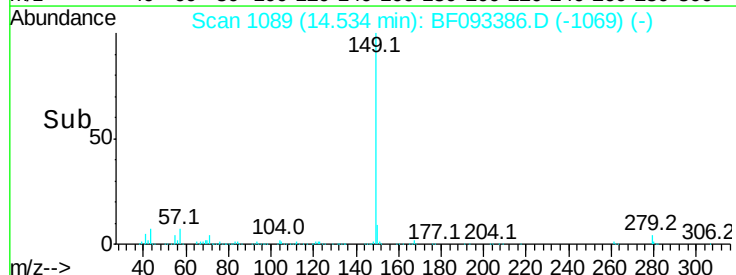
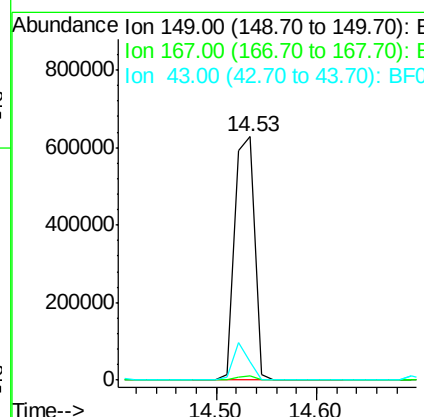
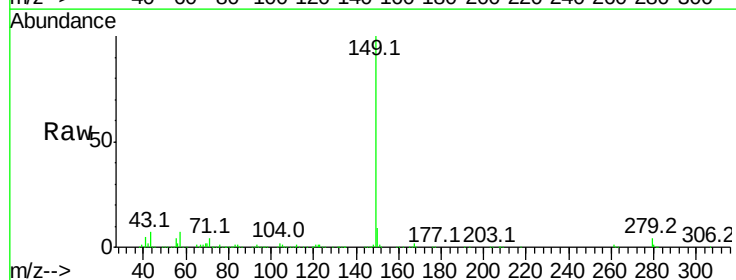
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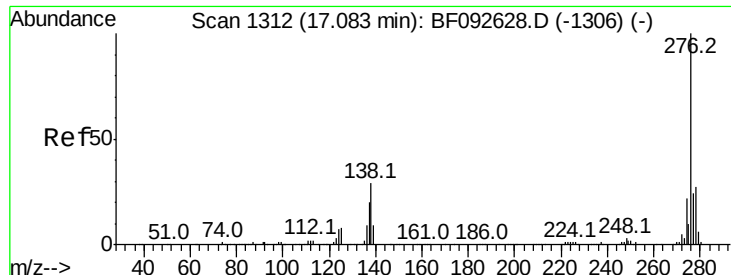
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#84
 Di-n-octyl phthalate
 Concen: 43.14 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. -0.07 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.9	8.9	13.3





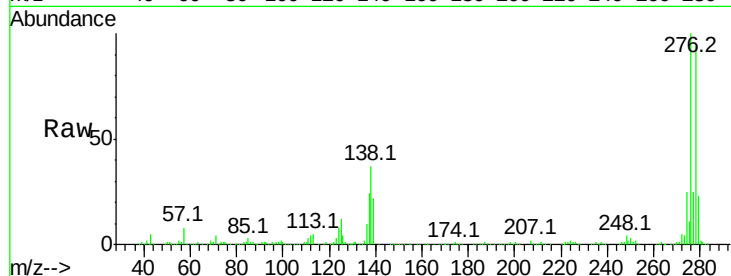
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.79 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.11 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

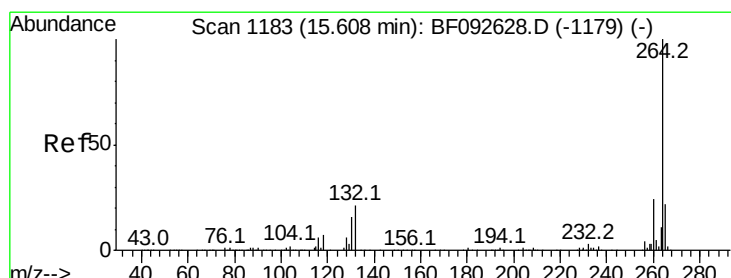
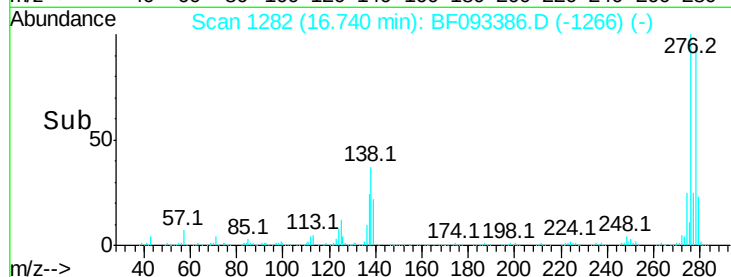
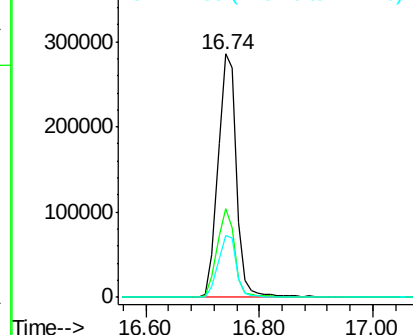
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	21.8	32.6
277	25.4	20.2	30.4

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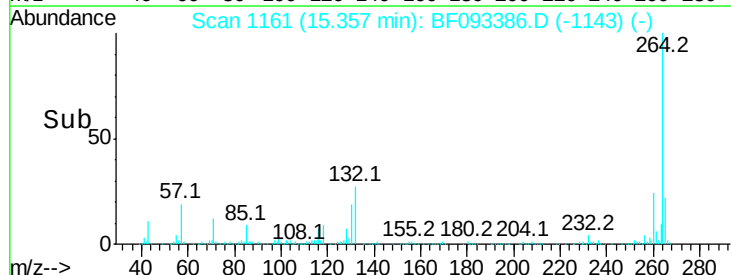
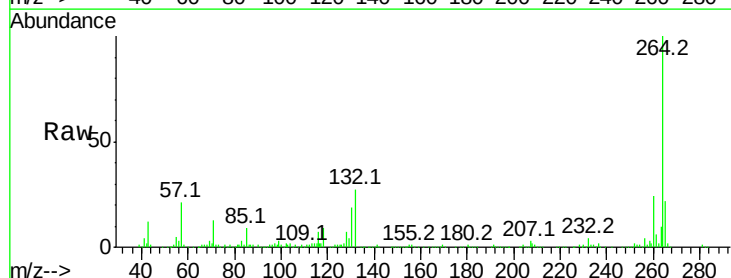
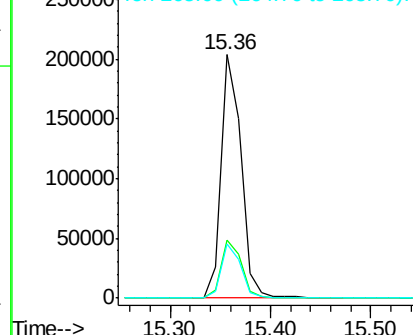
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

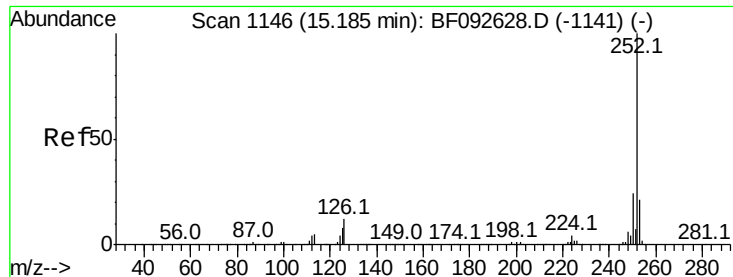


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.4	26.0

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





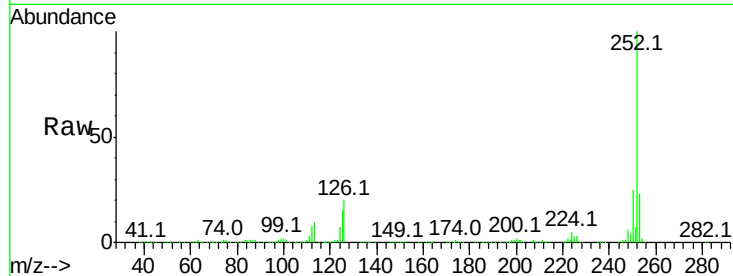
#87
Benzo(b)fluoranthene
Concen: 33.83 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.08 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

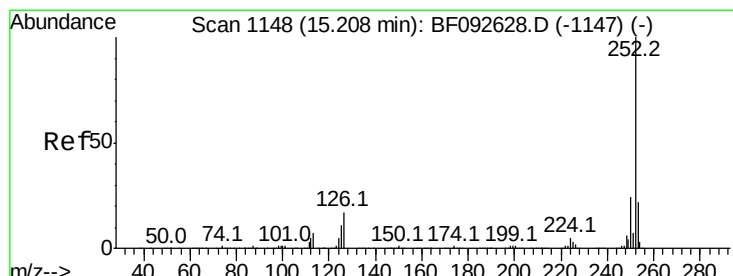
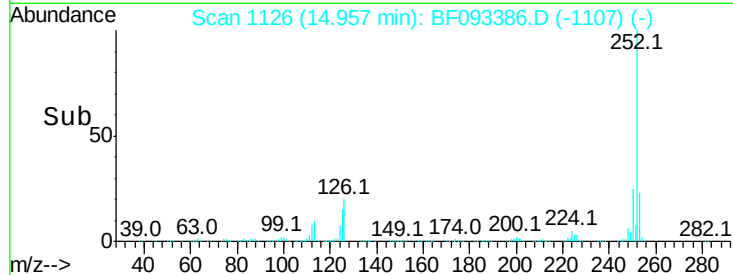
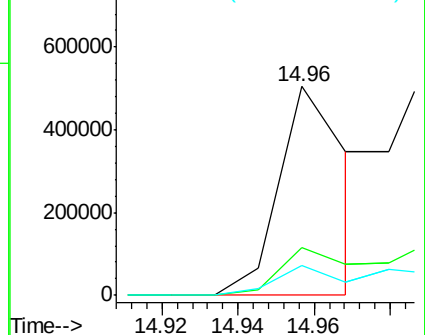
Tot Ion:252	Resp:	628889
Ion Ratio	Lower	Upper
252	100	
253	23.1	18.2 27.4
125	14.6	9.8 14.6

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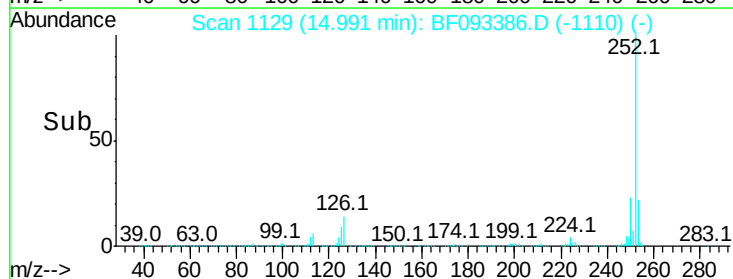
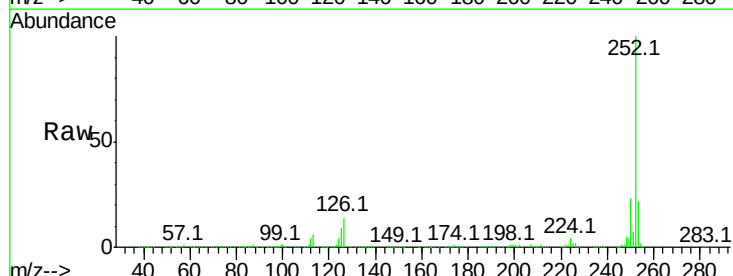
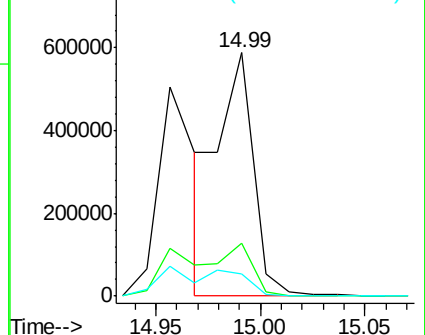
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

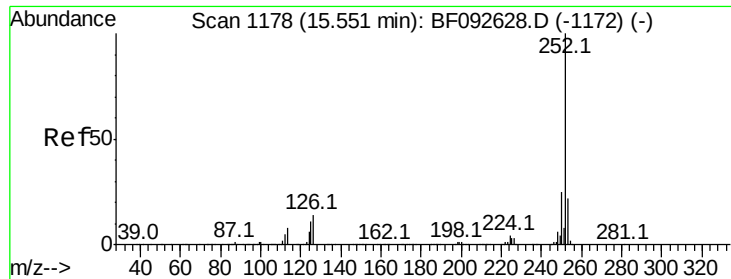


#88
Benzo(k)fluoranthene
Concen: 43.03 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion:252	Resp:	690756
Ion Ratio	Lower	Upper
252	100	
253	21.8	18.5 27.7
125	9.3	8.9 13.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





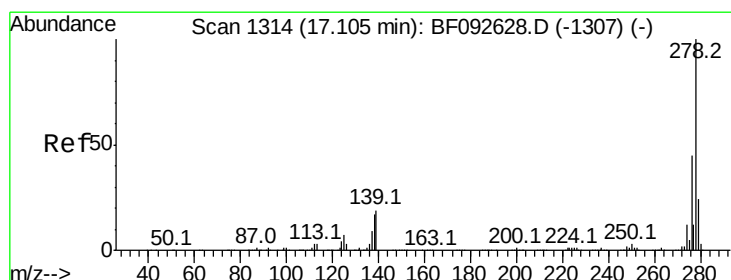
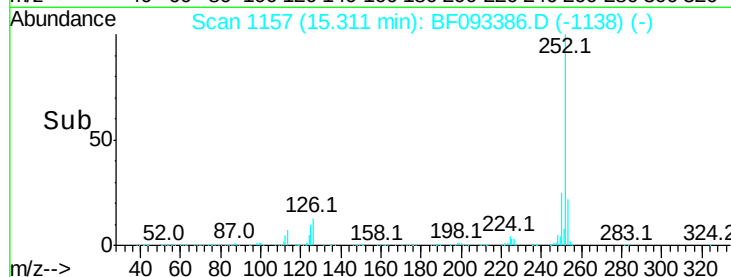
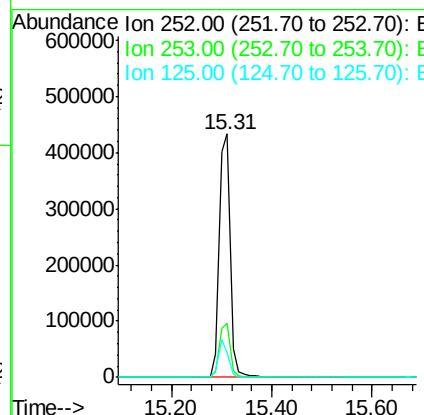
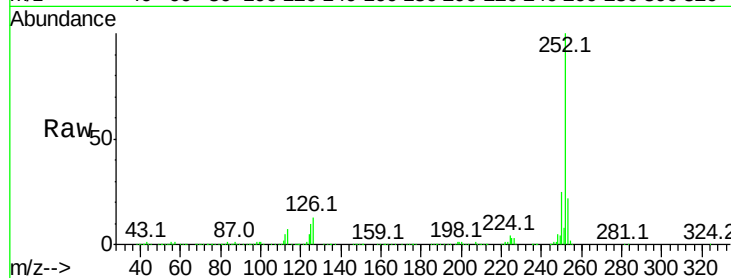
#89
Benzo(a)pyrene
Concen: 40.68 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.08 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

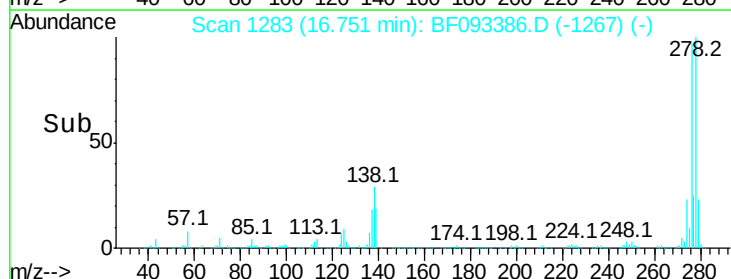
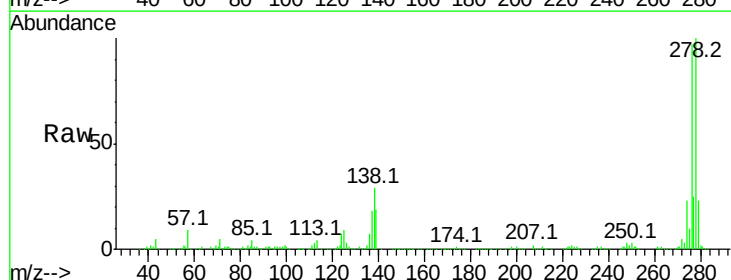
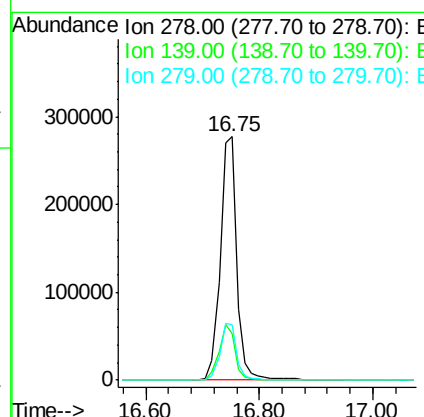
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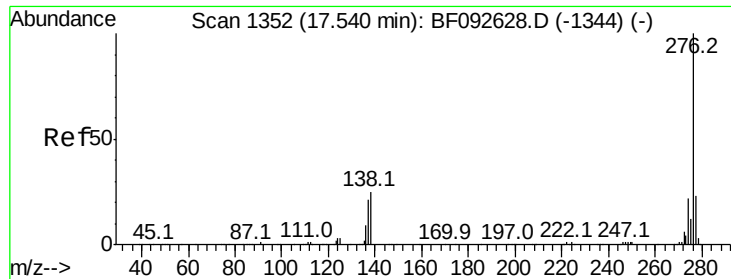
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#90
Dibenzo(a,h)anthracene
Concen: 42.95 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.11 min
Lab File: BF093386.D
Acq: 4 Mar 2017 5:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	14.8	22.2
279	23.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 41.55 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.14 min
 Lab File: BF093386.D
 Acq: 4 Mar 2017 5:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	31.1	16.0	24.0

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