

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096456.D
 Acq On : 3 Jul 2017 23:34
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Quant Time: Jul 04 07:22:50 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	106828	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	393406	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	124435	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	239732	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	160789	20.00	ng	0.00
86) Perylene-d12	15.29	264	117463	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	594438	82.13	ng	0.00
7) Phenol-d6	6.37	99	670539	75.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	487030	74.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	87564	90.09	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	775484	106.55	ng	-0.01
78) Terphenyl-d14	12.83	244	720185	95.71	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	127400	37.121	ng	# 76
3) Pyridine	3.07	79	362376	38.483	ng	# 67
4) n-Nitrosodimethylamine	3.02	42	181882	39.132	ng	# 84
6) Aniline	6.39	93	439831	38.245	ng	# 74
8) 2-Chlorophenol	6.52	128	304869	39.499	ng	# 98
9) Benzaldehyde	6.27	77	192864	34.634	ng	# 96
10) Phenol	6.38	94	372350	36.732	ng	# 82
11) bis(2-Chloroethyl)ether	6.46	93	305474	38.994	ng	# 91
12) 1,3-Dichlorobenzene	6.67	146	326691	40.368	ng	# 99
13) 1,4-Dichlorobenzene	6.75	146	327318	40.465	ng	# 95
14) 1,2-Dichlorobenzene	6.90	146	291539	39.254	ng	# 96
15) Benzyl Alcohol	6.87	79	206516	34.721	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	615405	38.642	ng	# 91
17) 2-Methylphenol	6.99	107	227393	36.968	ng	# 97
18) Hexachloroethane	7.25	117	58761	20.038	ng	# 88
19) n-Nitroso-di-n-propylamine	7.15	70	193725	36.546	ng	# 84
20) 3+4-Methylphenols	7.14	107	273069	39.801	ng	# 87
22) Acetophenone	7.14	105	374703	43.590	ng	# 95
24) Nitrobenzene	7.31	77	267272	38.915	ng	# 92
25) Isophorone	7.55	82	499356	39.339	ng	# 97
26) 2-Nitrophenol	7.63	139	63635	17.505	ng	# 94
27) 2,4-Dimethylphenol	7.67	122	228126	36.855	ng	# 97
28) bis(2-Chloroethoxy)methane	7.76	93	346200	41.316	ng	# 100
29) 2,4-Dichlorophenol	7.87	162	187234	35.059	ng	# 96
30) 1,2,4-Trichlorobenzene	7.96	180	203328	40.361	ng	# 99
31) Naphthalene	8.03	128	674262	36.305	ng	# 99
32) Benzoic acid	7.77	122	113086m	21.754	ng	# 98
33) 4-Chloroaniline	8.08	127	266308	34.521	ng	# 97
34) Hexachlorobutadiene	8.16	225	102930	39.836	ng	# 71
35) Caprolactam	8.45	113	54500	29.594	ng	# 90
36) 4-Chloro-3-methylphenol	8.56	107	185571	31.403	ng	# 97
37) 2-Methylnaphthalene	8.73	142	429704	36.347	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	170156	52.664	ng	# 89
40) Hexachlorocyclopentadiene	8.88	237	4969	3.163	ng	# 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	115421	45.158	ng	100
43) 2,4,5-Trichlorophenol	9.05	196	113292	44.829	ng	94
45) 1,1'-Biphenyl	9.19	154	517682	48.555	ng	97
46) 2-Chloronaphthalene	9.21	162	370472	46.626	ng	93
47) 2-Nitroaniline	9.30	65	123304	42.649	ng	# 86
48) Acenaphthylene	9.62	152	513950	40.821	ng	99 mohammad
49) Dimethylphthalate	9.49	163	413256	44.488	ng	98
50) 2,6-Dinitrotoluene	9.55	165	56162	27.340	ng	90
51) Acenaphthene	9.80	154	299215	38.556	ng	97
52) 3-Nitroaniline	9.71	138	117329	45.794	ng	# 90
54) Dibenzofuran	9.97	168	432350	42.196	ng	98 7/5/2017 11:41:55 AM
55) 4-Nitrophenol	9.87	139	61923	29.160	ng	# 70
56) 2,4-Dinitrotoluene	9.95	165	57316	22.033	ng	# 85
57) Fluorene	10.31	166	345207	47.704	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	78764	45.047	ng	97
59) Diethylphthalate	10.19	149	410173	46.716	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	144572	45.918	ng	95
61) 4-Nitroaniline	10.32	138	125157	53.724	ng	89
62) Azobenzene	10.46	77	340476	40.103	ng	93
65) n-Nitrosodiphenylamine	10.42	169	329054	39.120	ng	98
66) 4-Bromophenyl-phenylether	10.79	248	89331	38.279	ng	94
67) Hexachlorobenzene	10.86	284	103084	40.351	ng	# 89
68) Atrazine	10.94	200	76664	31.903	ng	93
69) Pentachlorophenol	11.05	266	52087	34.402	ng	99
70) Phenanthrene	11.27	178	520451	40.160	ng	99
71) Anthracene	11.32	178	547662	41.471	ng	97
72) Carbazole	11.47	167	534315	40.231	ng	98
73) Di-n-butylphthalate	11.81	149	578539	35.965	ng	99
74) Fluoranthene	12.45	202	560131	44.084	ng	98
76) Benzidine	12.57	184	376738	48.831	ng	# 94
77) Pyrene	12.68	202	583671	45.224	ng	99
79) Butylbenzylphthalate	13.30	149	293105	44.864	ng	# 83
80) Benzo(a)anthracene	13.87	228	372087	39.962	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	168335	44.017	ng	# 97
82) Chrysene	13.90	228	371522	38.103	ng	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	348029	47.723	ng	99
84) Di-n-octyl phthalate	14.47	149	621099	43.249	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.66	276	272000	35.340	ng	99
87) Benzo(b)fluoranthene	14.89	252	287713	39.090	ng	98
88) Benzo(k)fluoranthene	14.92	252	295009m	44.808	ng	
89) Benzo(a)pyrene	15.23	252	265406	40.390	ng	99
90) Dibenzo(a,h)anthracene	16.67	278	229485	44.392	ng	96
91) Benzo(g,h,i)perylene	17.07	276	224138	41.842	ng	99

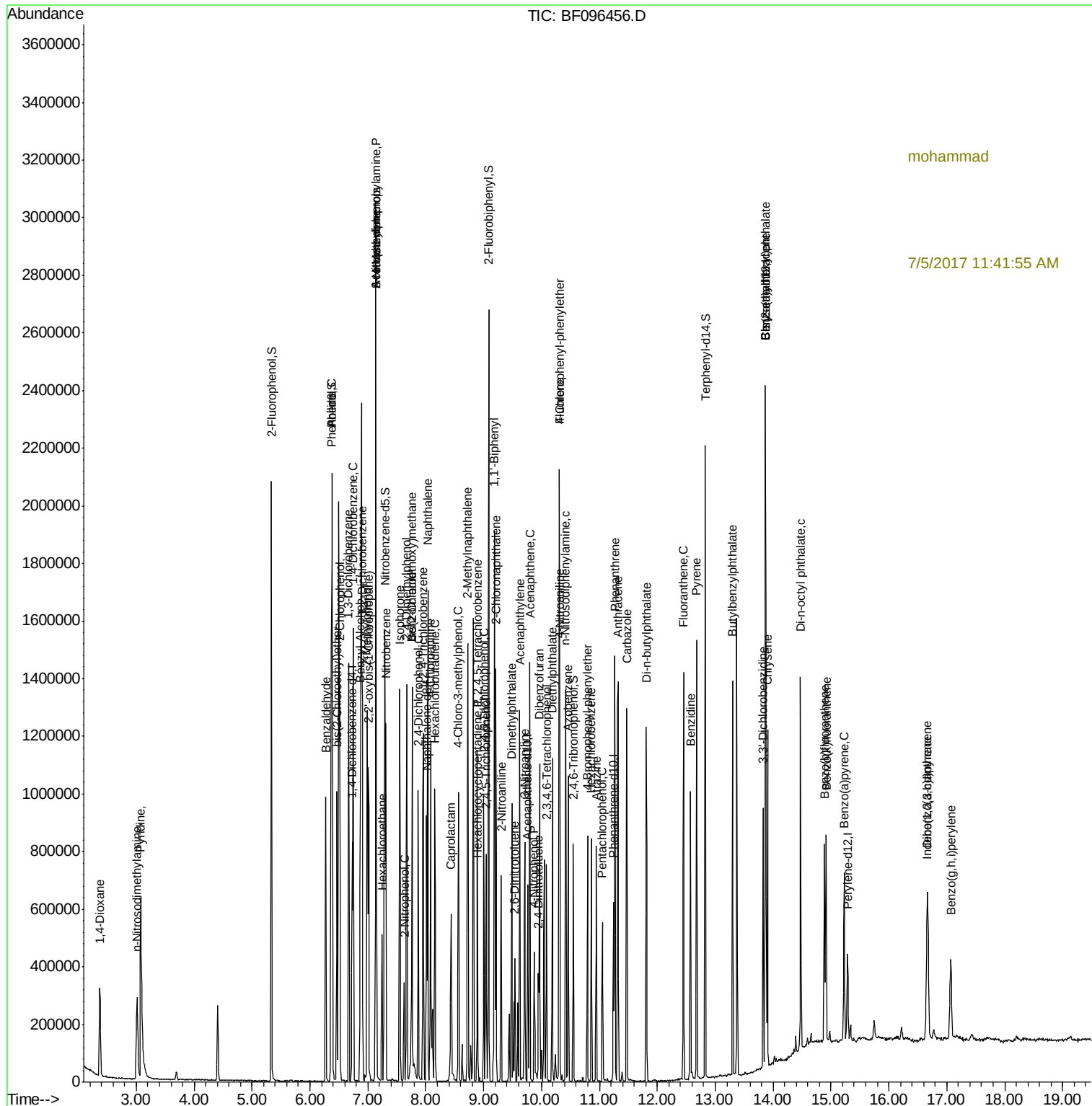
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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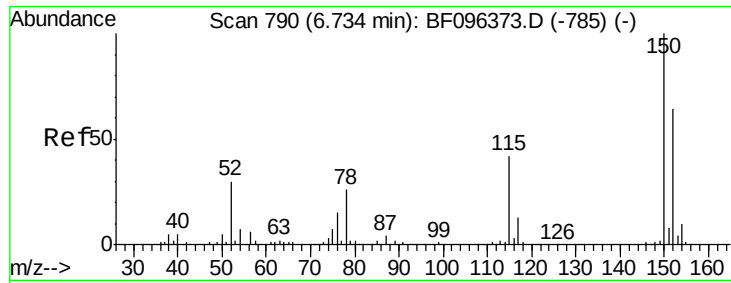
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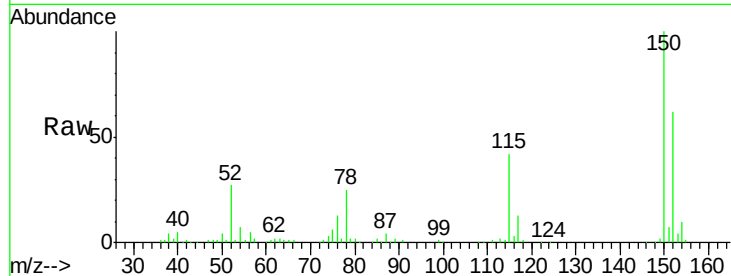


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

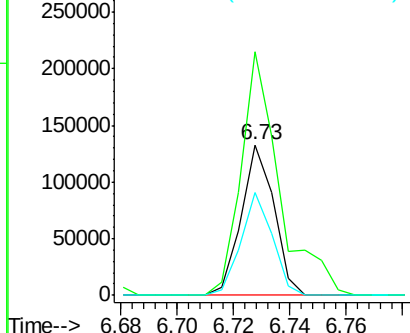
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.2	189.2
115	68.6	52.2	78.2

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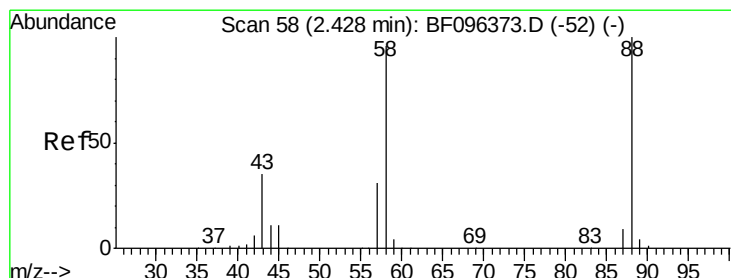
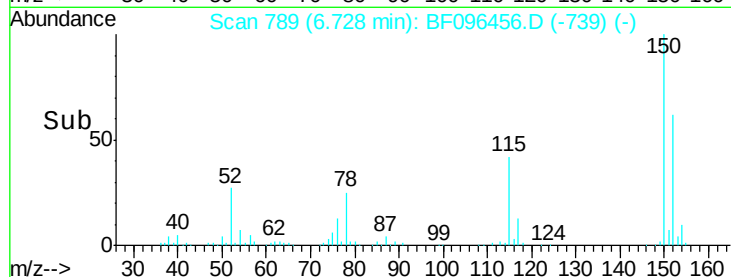


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



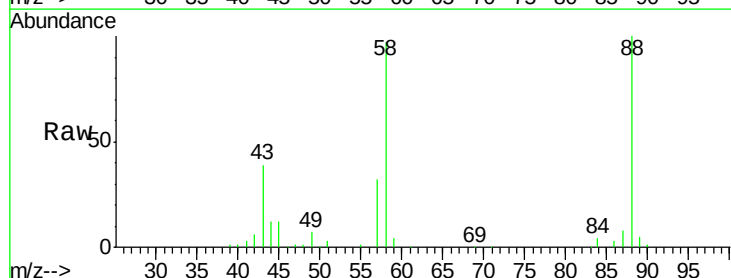
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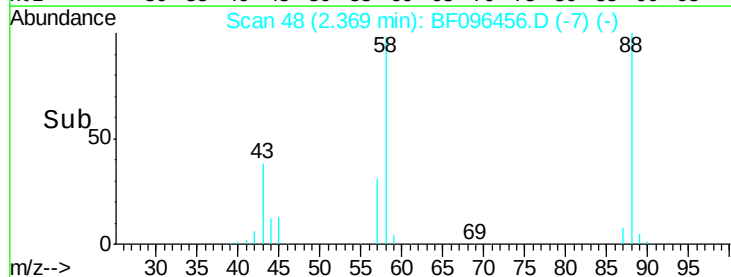
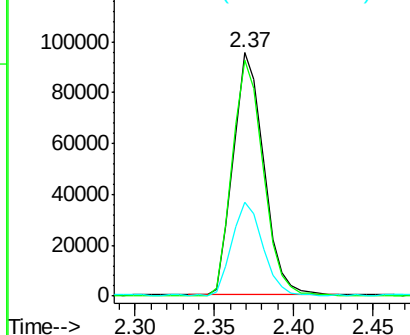


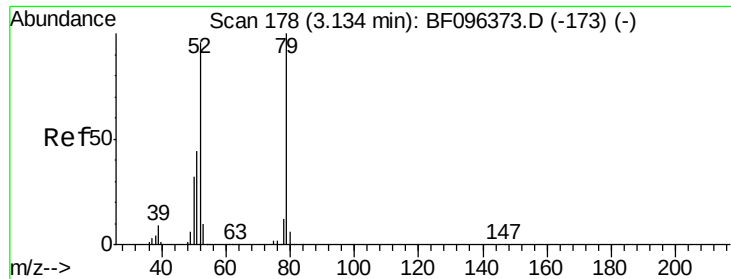
#2
 1,4-Dioxane
 Concen: 37.121 ng
 RT: 2.37 min Scan# 48
 Delta R.T. -0.06 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	61.4	92.0#
43	40.1	23.4	35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.483 ng

RT: 3.07 min Scan# 168

Delta R.T. -0.06 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

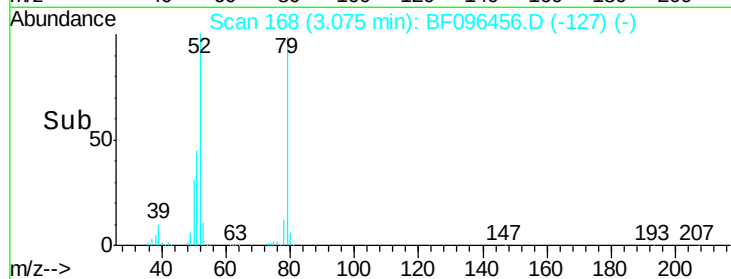
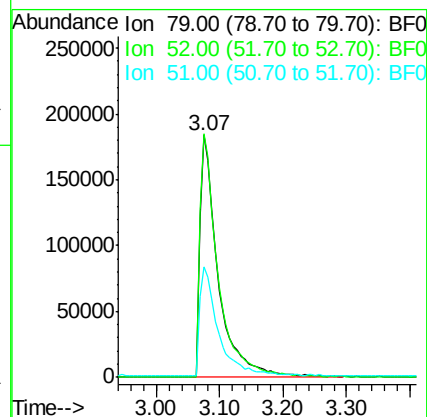
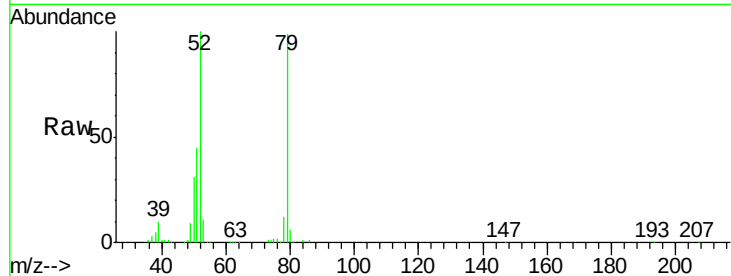
BNA_F

ClientSampleId :

SSTDCCC040

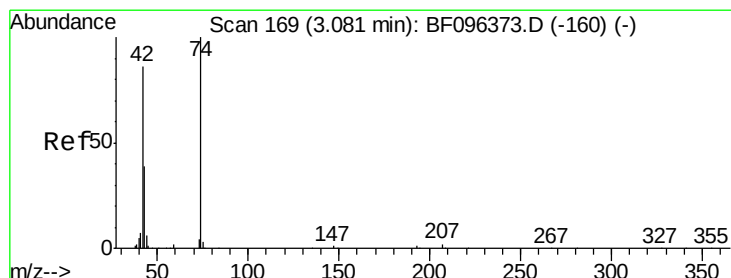
Tgt Ion:	79	Resp:	362376
Ion Ratio	Lower	Upper	
79	100		
52	100.5	54.8	82.2#
51	45.6	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 39.132 ng

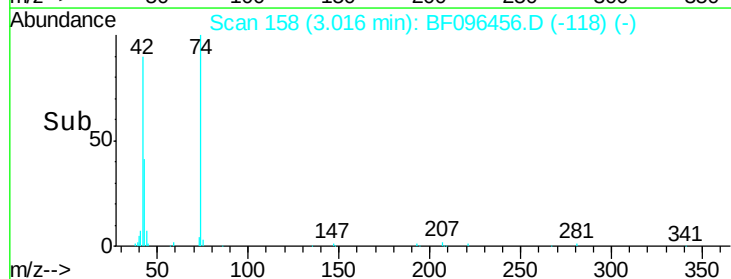
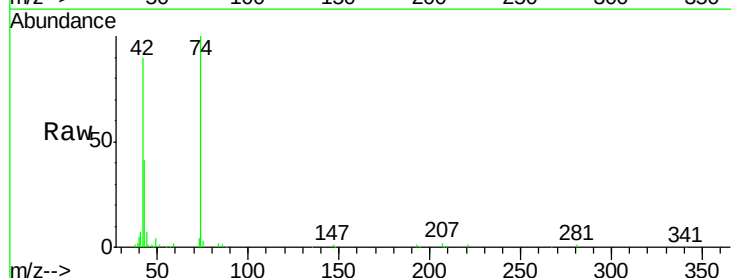
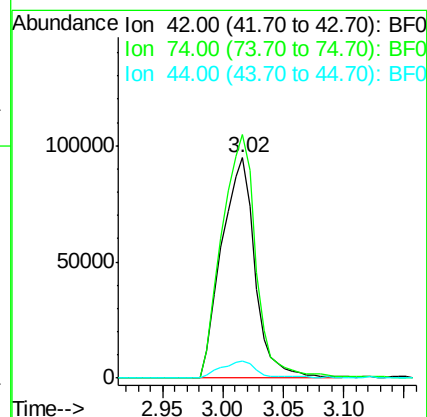
RT: 3.02 min Scan# 158

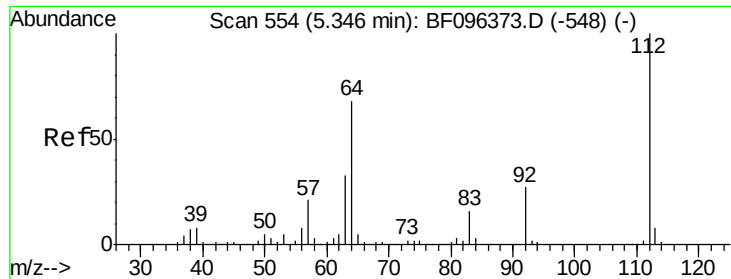
Delta R.T. -0.06 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Tgt Ion:	42	Resp:	181882
Ion Ratio	Lower	Upper	
42	100		
74	110.6	103.9	155.9
44	7.9	5.7	8.5





#5

2-Fluorophenol

Concen: 82.129 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

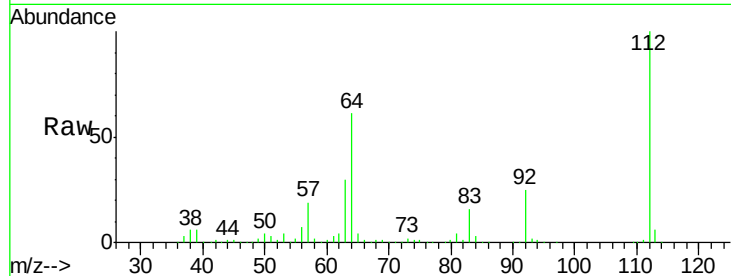
BNA_F

ClientSampleId :

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Tgt Ion:	112	Resp:	594438
Ion Ratio	Lower	Upper	
112	100		
64	60.8	46.0	69.0
63	30.0	23.4	35.0

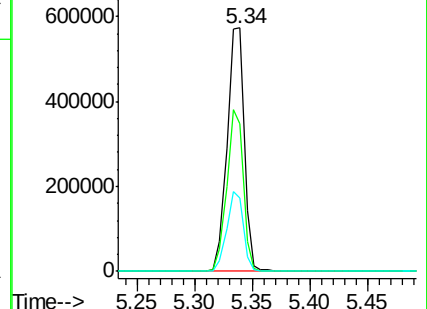
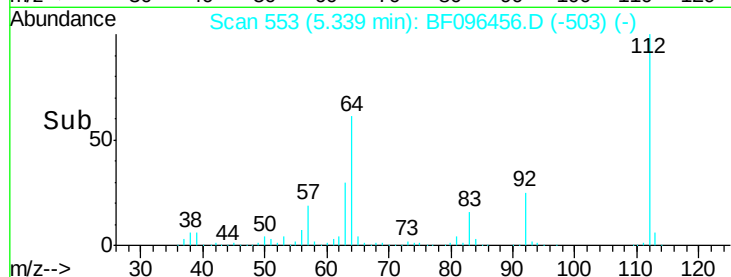
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Abundance Ion 112.00 (111.70 to 112.70): E

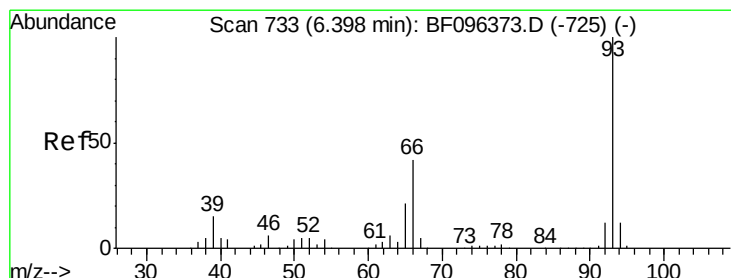
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 38.245 ng

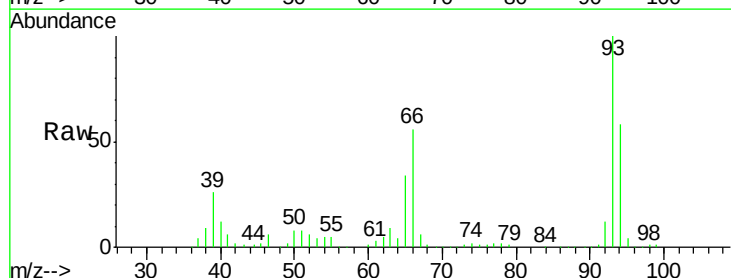
RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

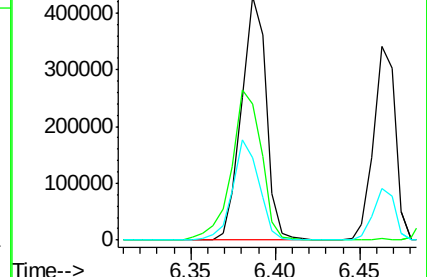
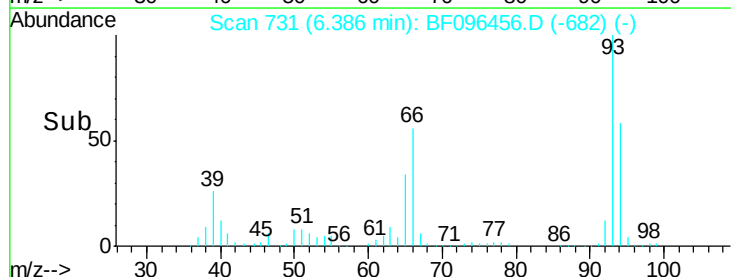
Tgt Ion:	93	Resp:	439831
Ion Ratio	Lower	Upper	
93	100		
66	55.9	32.9	49.3#
65	33.8	16.0	24.0#

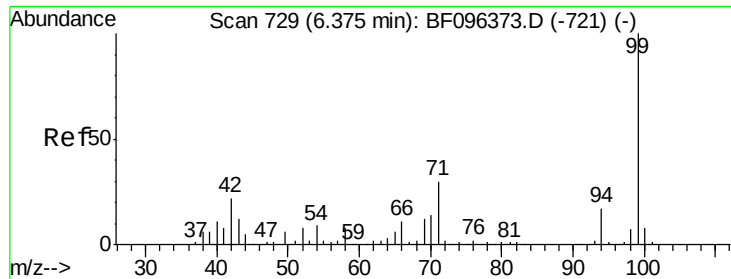


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.359 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

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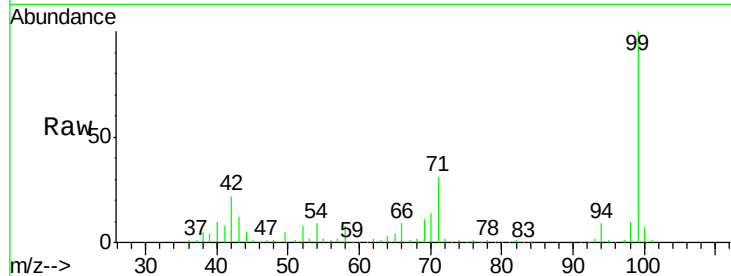
Tgt Ion: 99 Resp: 670539
Ion Ratio Lower Upper

99 100

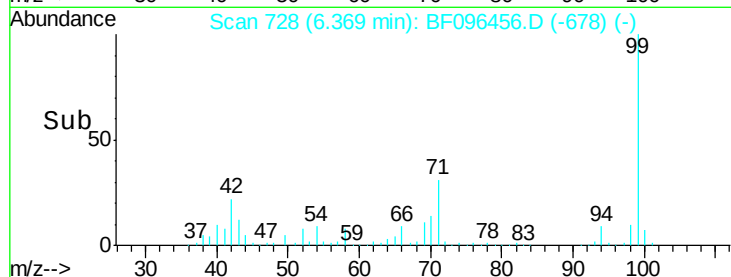
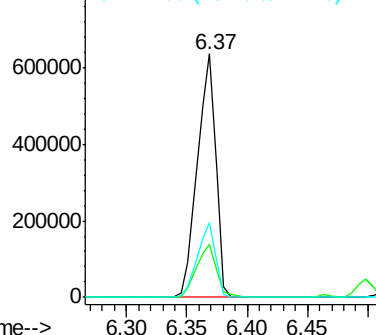
42 21.9 13.5 20.3#

71 30.9 24.5 36.7

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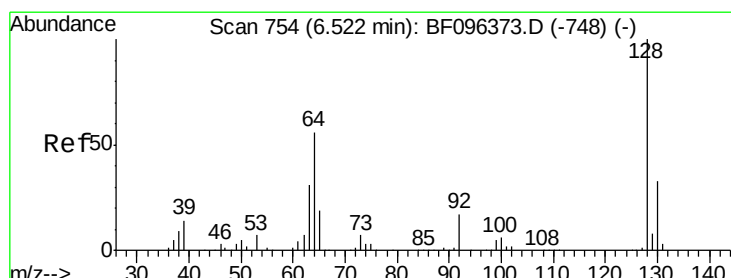


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 39.499 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF096456.D

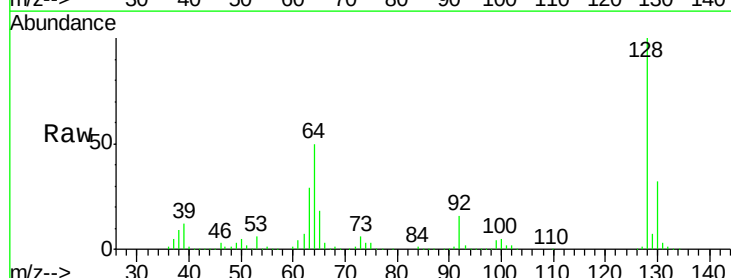
Acq: 3 Jul 2017 23:34

Tgt Ion: 128 Resp: 304869
Ion Ratio Lower Upper

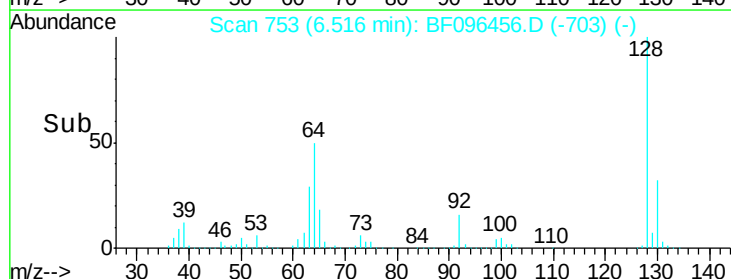
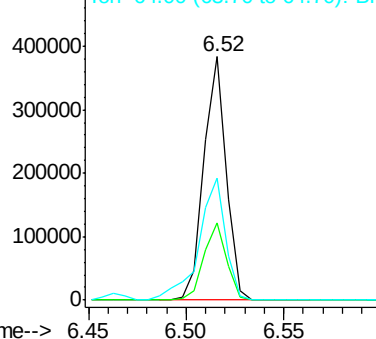
128 100

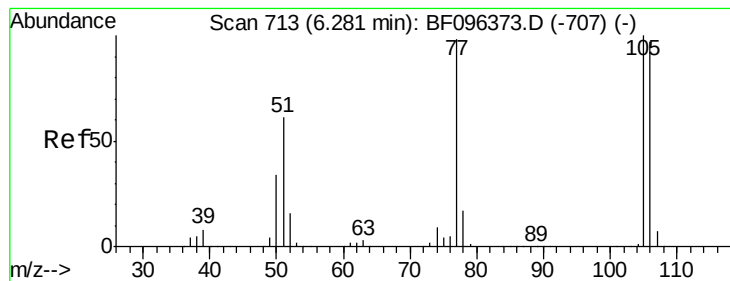
130 31.7 12.9 52.9

64 50.1 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.634 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

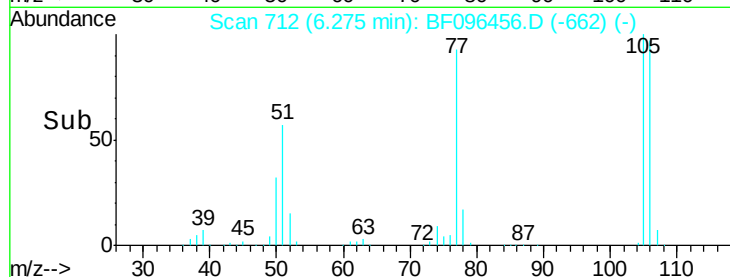
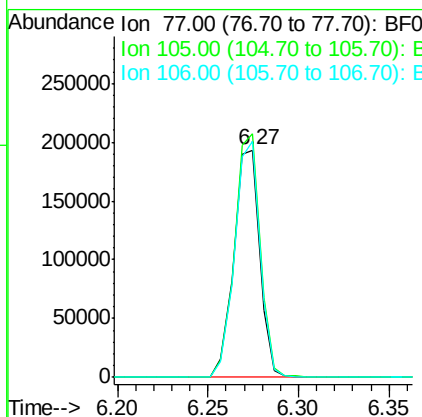
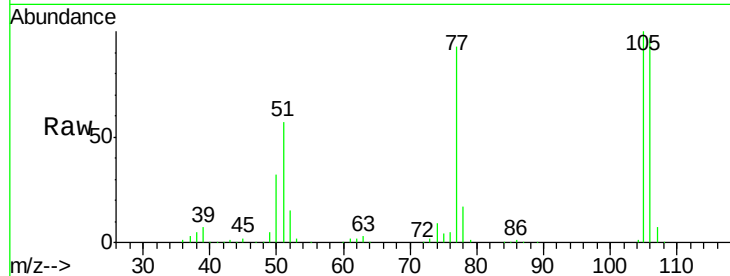
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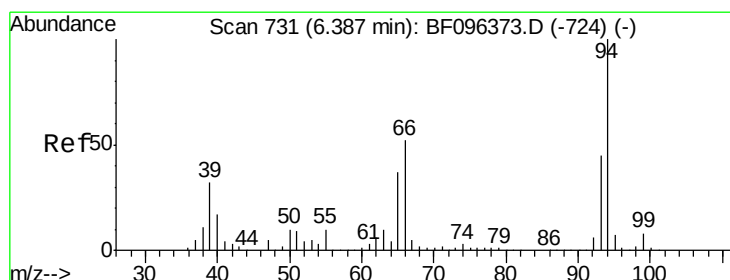
Tgt Ion: 77 Resp: 192864
 Ion Ratio Lower Upper
 77 100
 105 107.3 83.8 123.8
 106 103.8 79.1 119.1

Manual Integrations
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#10

Phenol

Concen: 36.732 ng

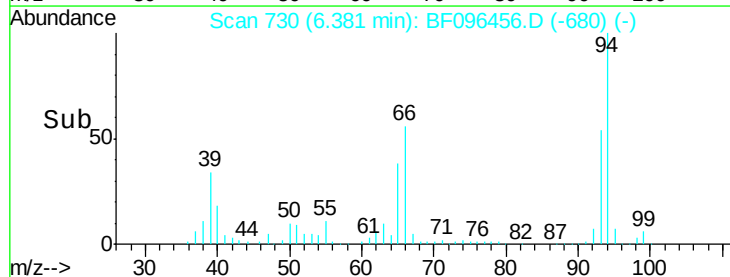
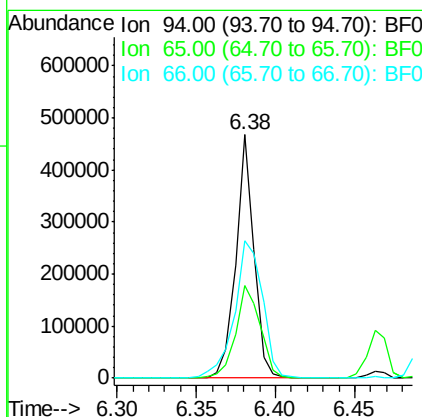
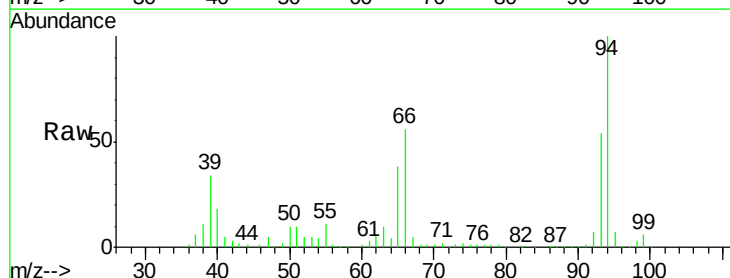
RT: 6.38 min Scan# 730

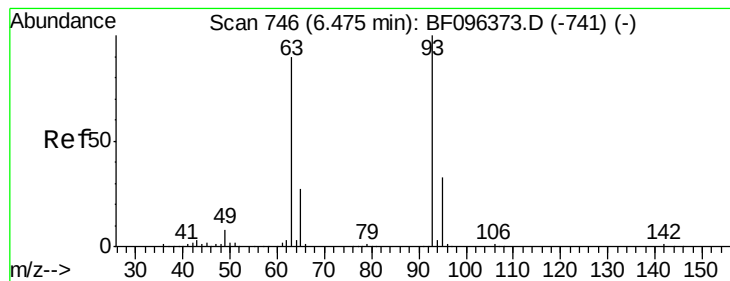
Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Tgt Ion: 94 Resp: 372350
 Ion Ratio Lower Upper
 94 100
 65 37.8 9.9 49.9
 66 56.5 23.1 63.1



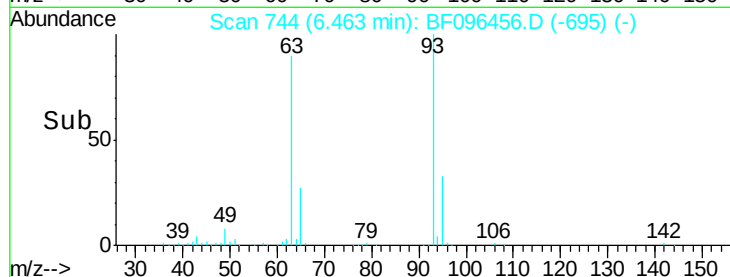
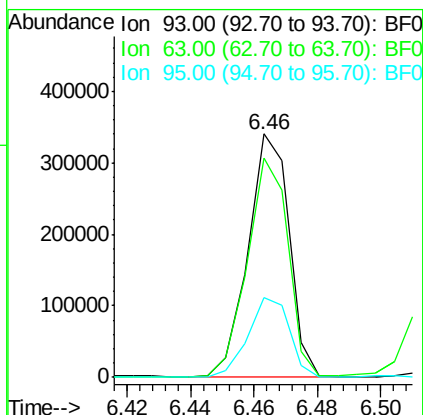
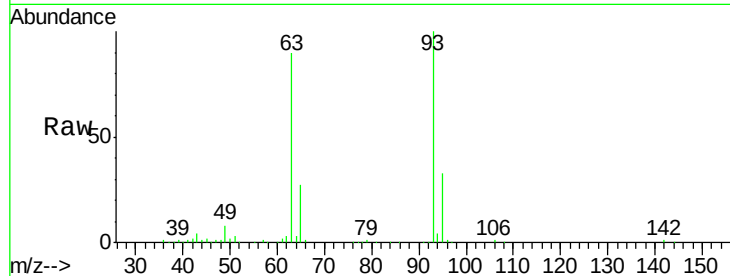


#11
bis(2-Chloroethyl)ether
Concen: 38.994 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

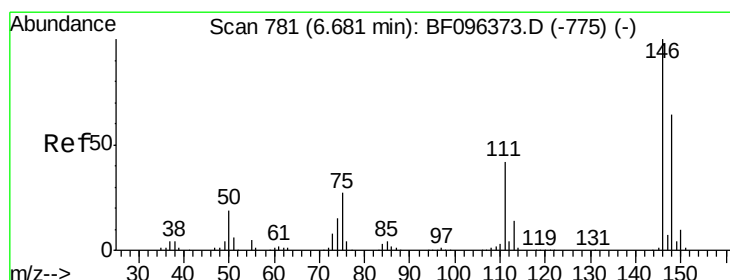
Tgt Ion	Ratio	Lower	Upper
93	100		
63	90.1	59.2	99.2
95	32.7	12.8	52.8

Manual Integrations
APPROVED



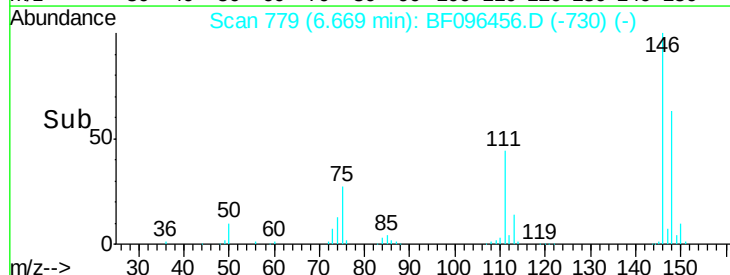
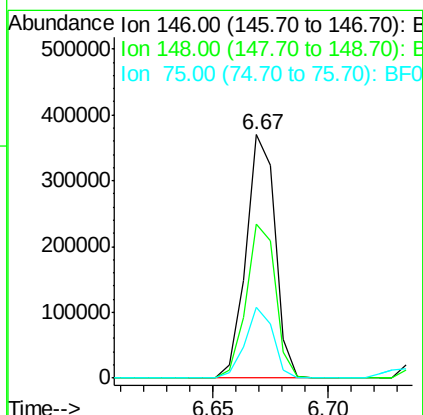
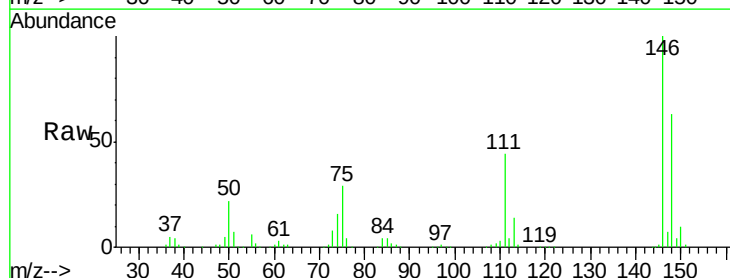
mohammad

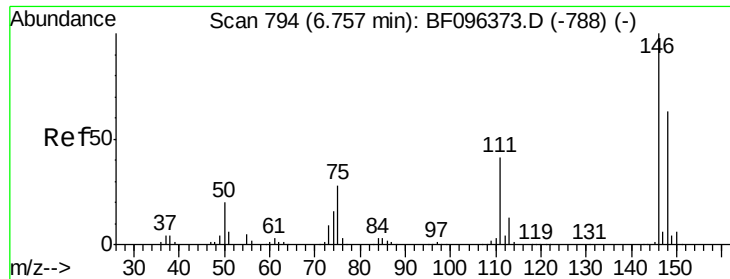
7/5/2017 11:41:55 AM



#12
1,3-Dichlorobenzene
Concen: 40.368 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
75	28.9	23.1	34.7



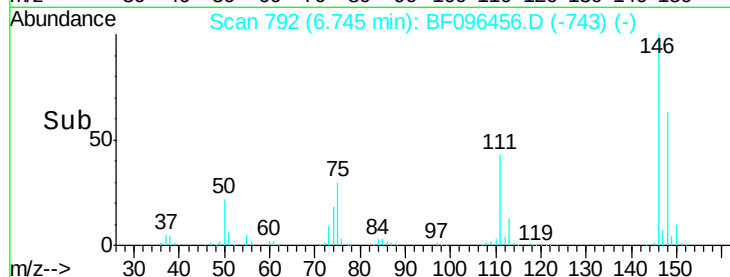
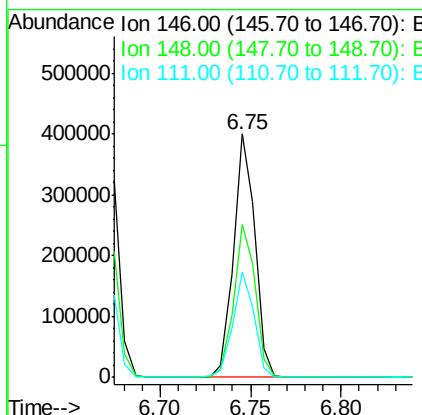
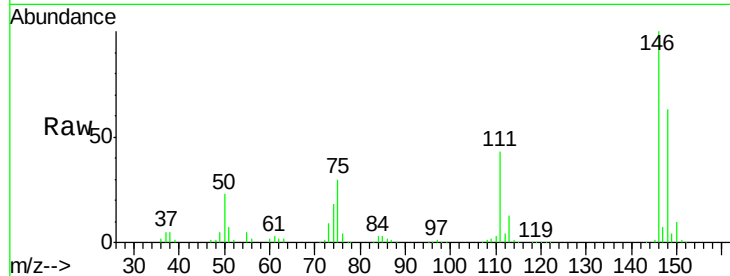


#13
 1,4-Dichlorobenzene
 Concen: 40.465 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

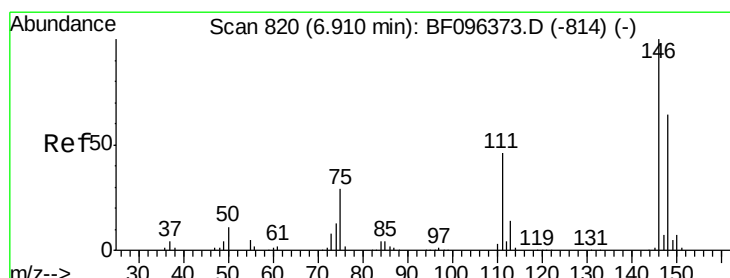
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	43.4	30.3	45.5

Manual Integrations
 APPROVED



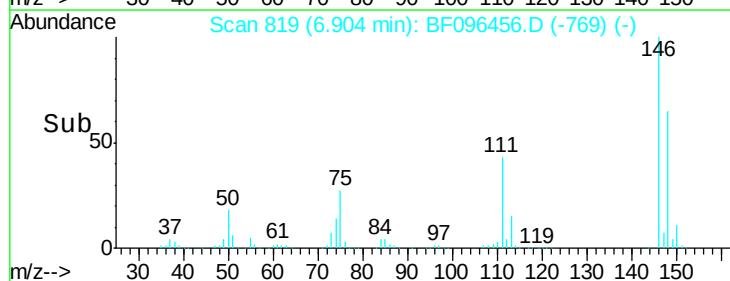
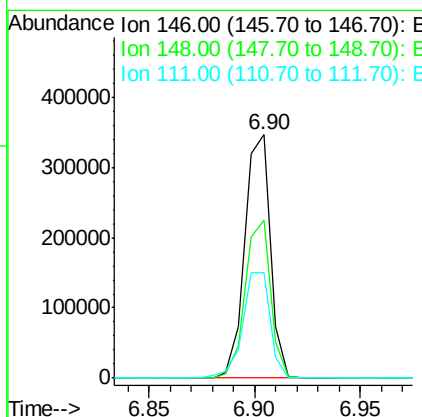
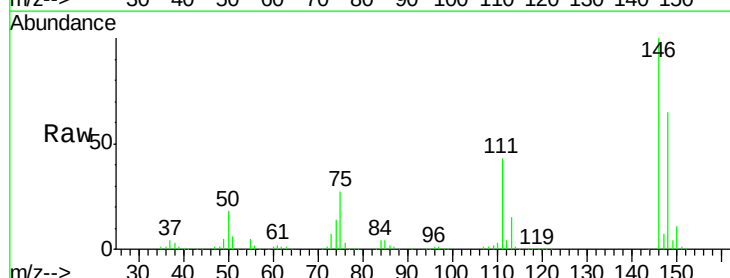
mohammad

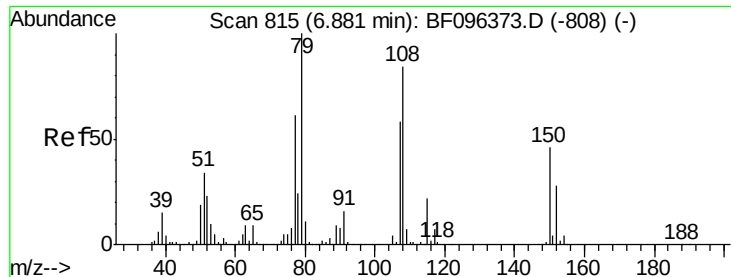
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#14
 1,2-Dichlorobenzene
 Concen: 39.254 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	43.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 34.721 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

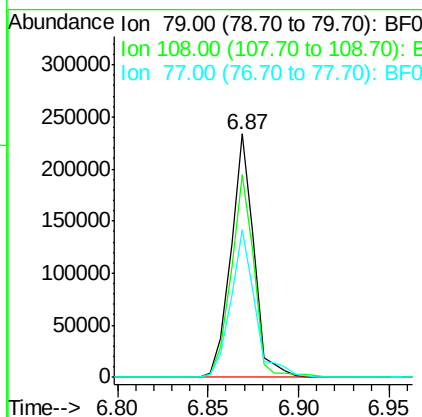
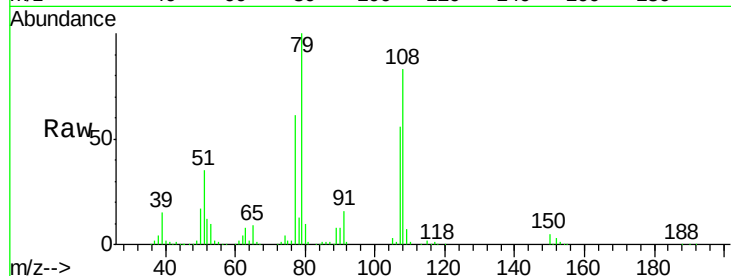
BNA_F

ClientSampleId :

SSTDCCC040

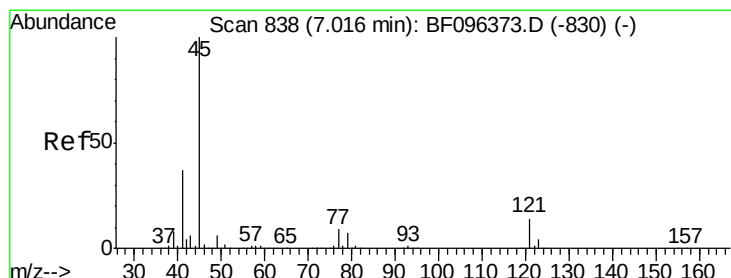
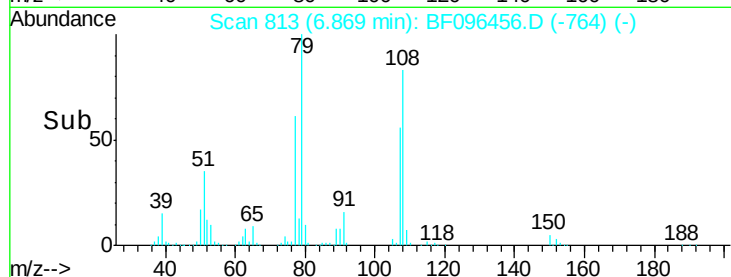
Tgt Ion:	79	Resp:	206516
Ion Ratio	Lower	Upper	
79	100		
108	83.2	63.4	95.0
77	60.6	49.2	73.8

Manual Integrations
APPROVED



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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.642 ng

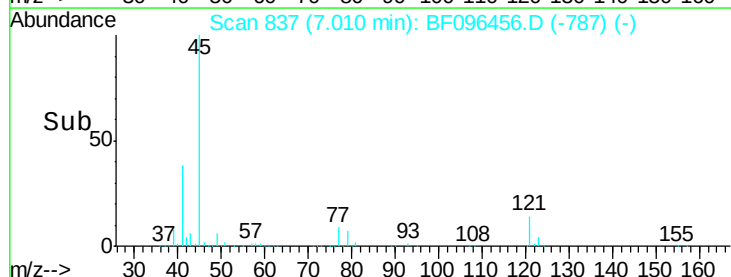
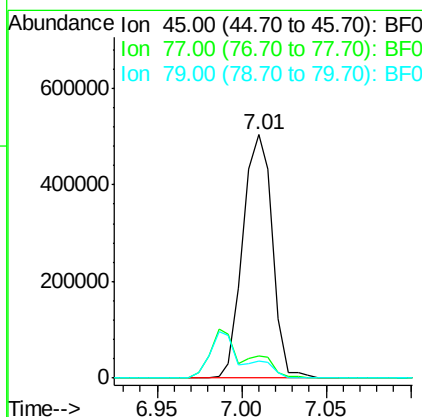
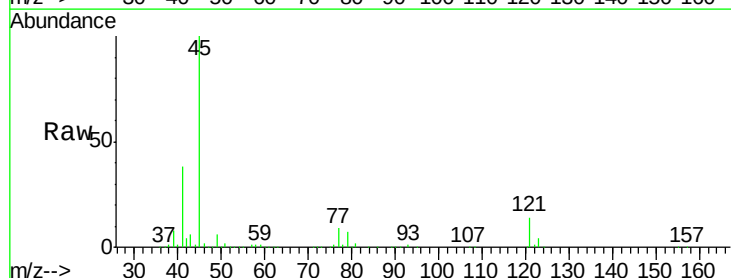
RT: 7.01 min Scan# 837

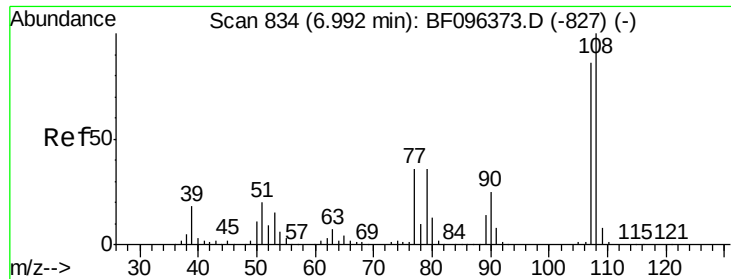
Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Tgt Ion:	45	Resp:	615405
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	33.2
79	7.1	0.0	30.0



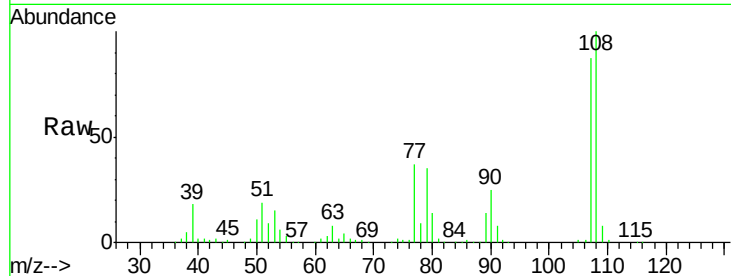


#17
2-Methylphenol
Concen: 36.968 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

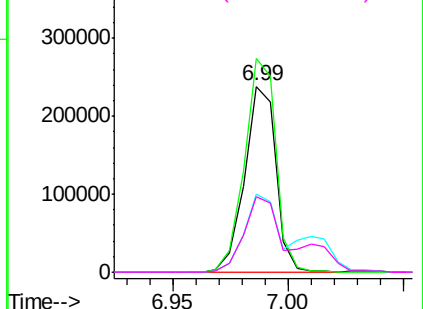
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	227393
Ion Ratio	Lower	Upper	
107	100		
108	114.9	93.4	140.0
77	42.1	35.8	53.6
79	40.5	34.8	52.2

Manual Integrations
APPROVED

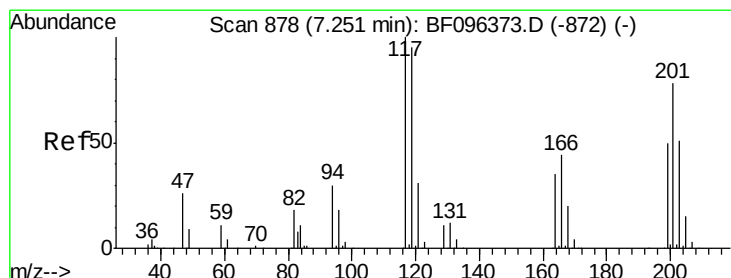
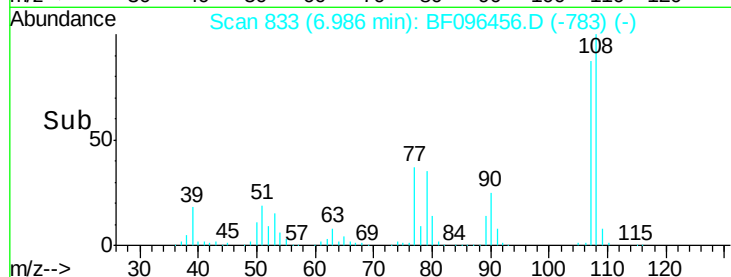


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



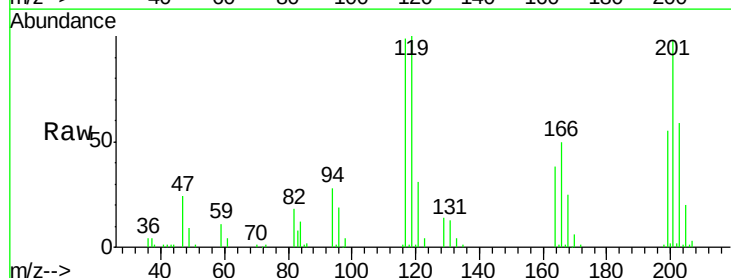
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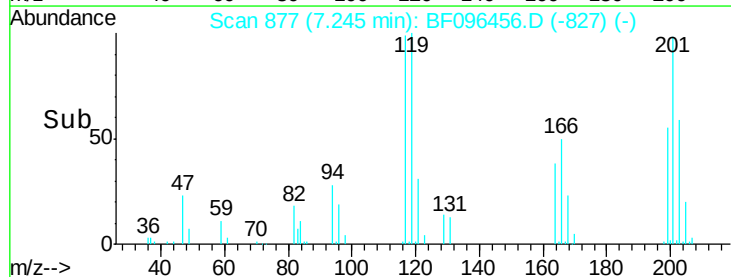
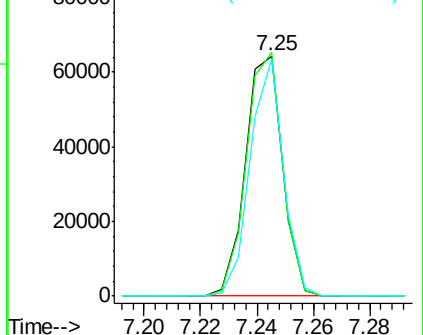


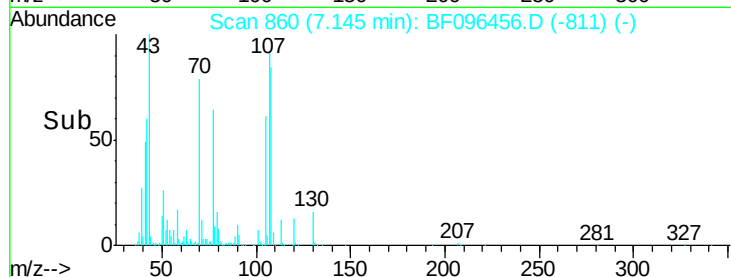
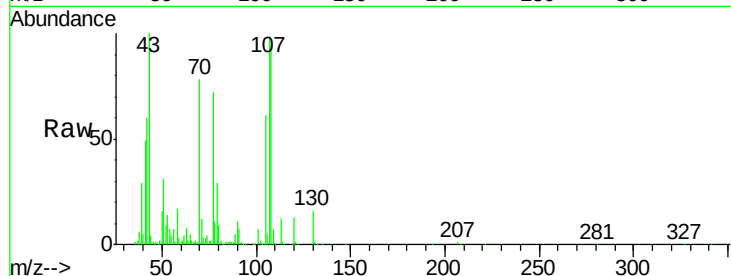
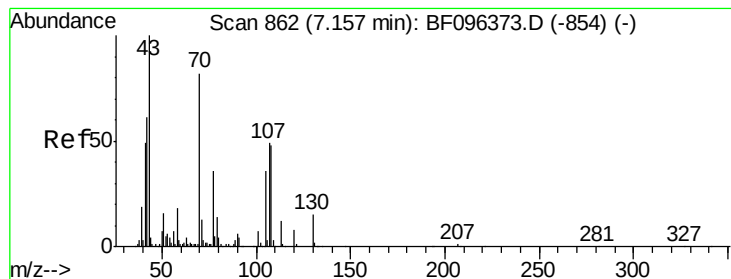
#18
Hexachloroethane
Concen: 20.038 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion:	117	Resp:	58761
Ion Ratio	Lower	Upper	
117	100		
119	101.4	77.4	116.0
201	98.9	94.6	141.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.546 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

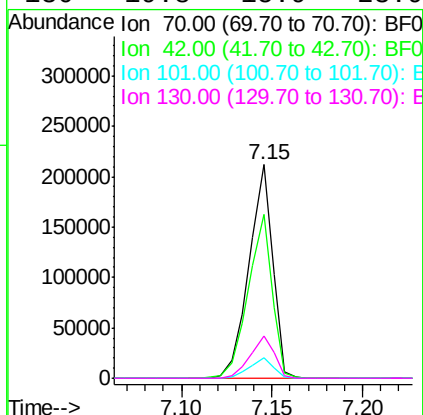
Tgt Ion: 70 Resp: 193725
Ion Ratio Lower Upper

70 100

42 76.7 47.2 70.8#

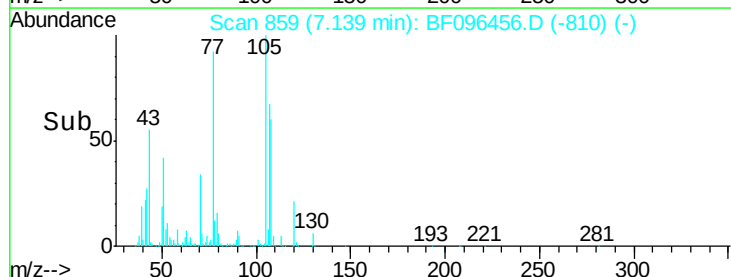
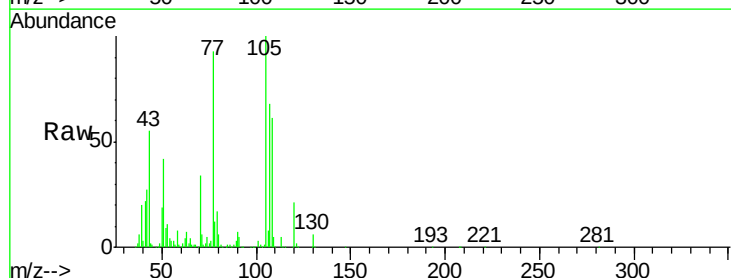
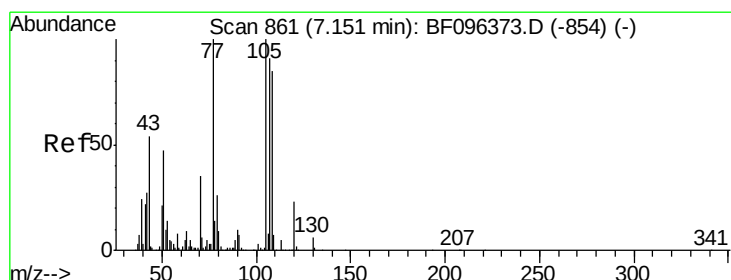
101 9.3 7.2 10.8

130 19.8 15.9 23.9



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#20

3+4-Methylphenols

Concen: 39.801 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

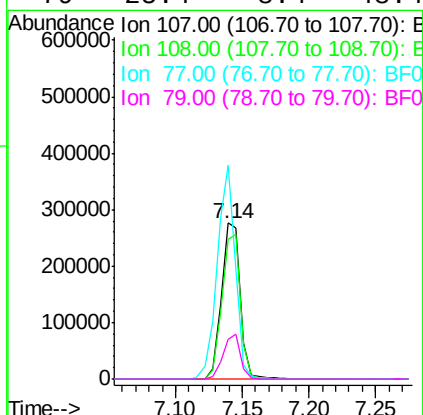
Tgt Ion: 107 Resp: 273069
Ion Ratio Lower Upper

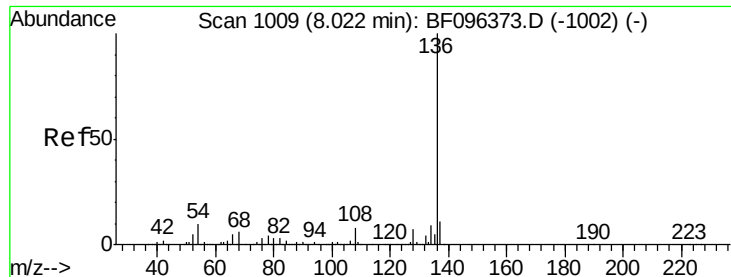
107 100

108 90.0 71.0 111.0

77 137.2 90.5 130.5#

79 25.4 8.4 48.4



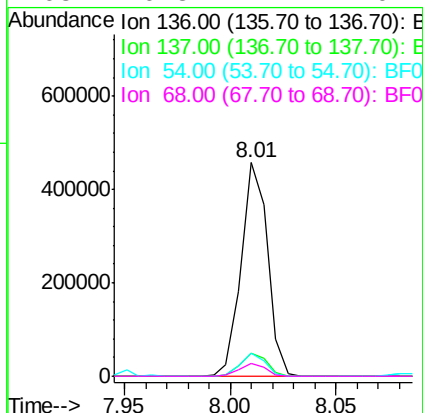
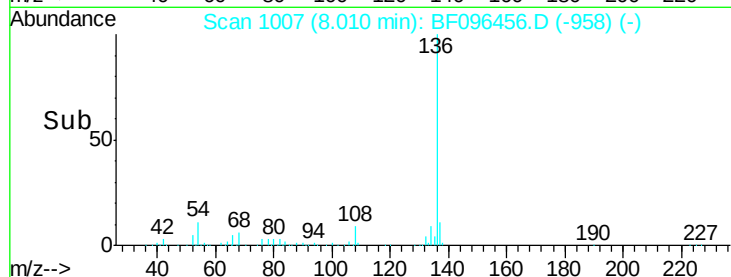
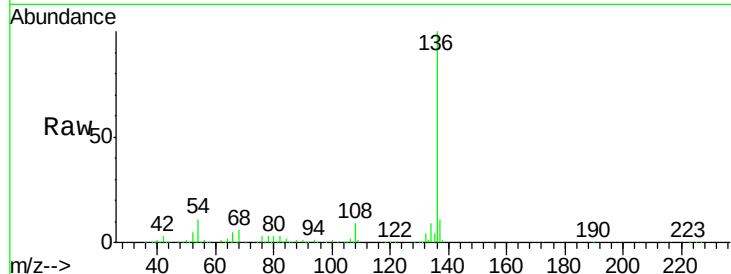


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

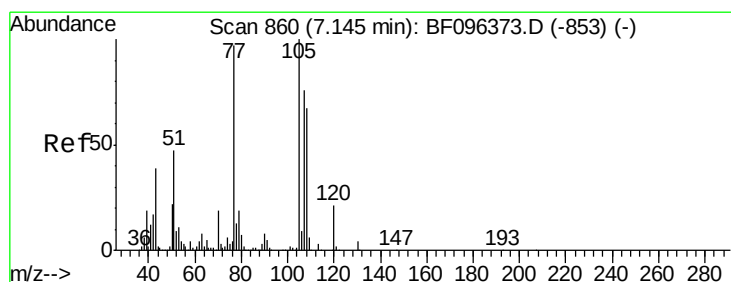
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	393406		
137	10.8	8.5	12.7	
54	10.5	4.9	7.3#	
68	6.3	4.1	6.1#	

Manual Integrations
APPROVED



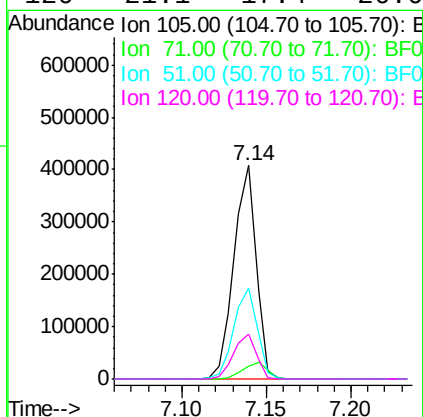
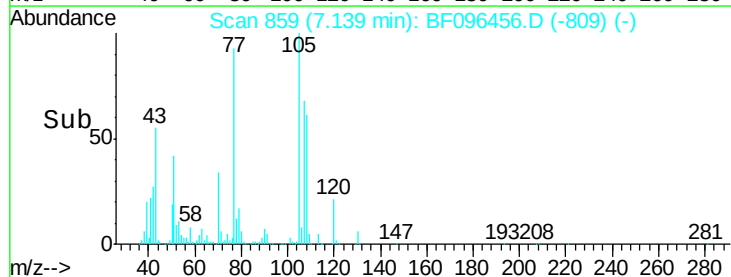
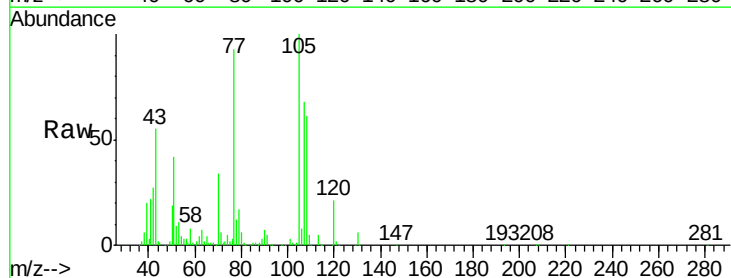
mohammad

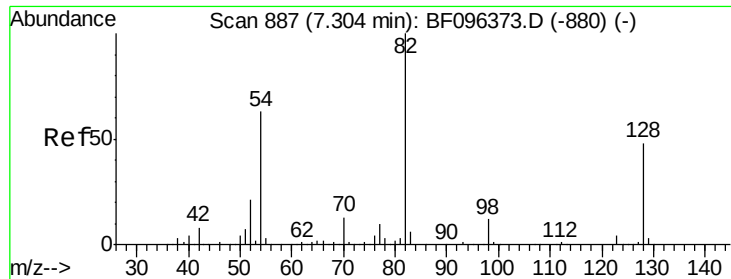
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#22
Acetophenone
Concen: 43.590 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	374703		
71	5.8	2.8	4.2#	
51	42.3	30.7	46.1	
120	21.1	17.4	26.0	



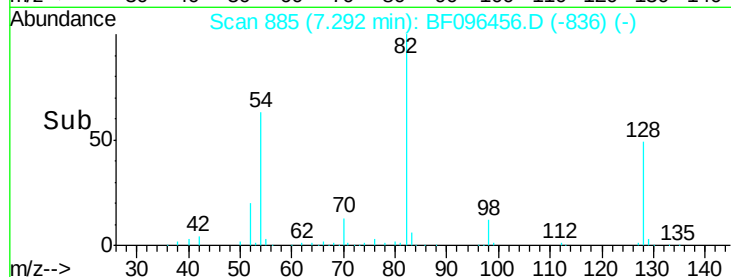
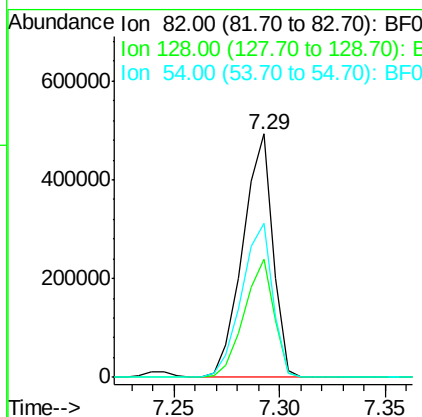
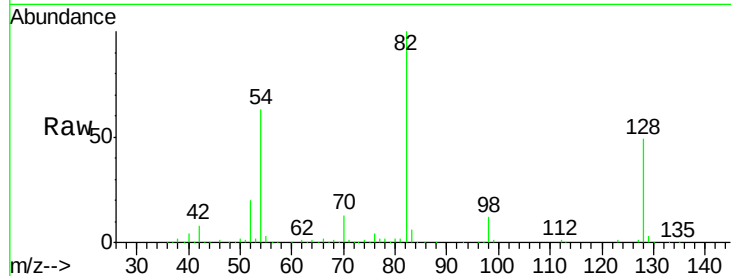


#23
Nitrobenzene-d5
Concen: 74.391 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

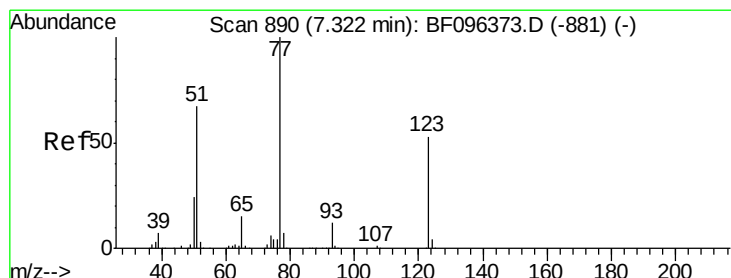
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.7	34.0	51.0
54	63.3	42.2	63.2

Manual Integrations
APPROVED



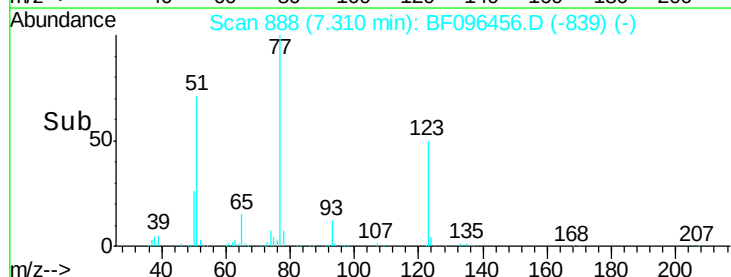
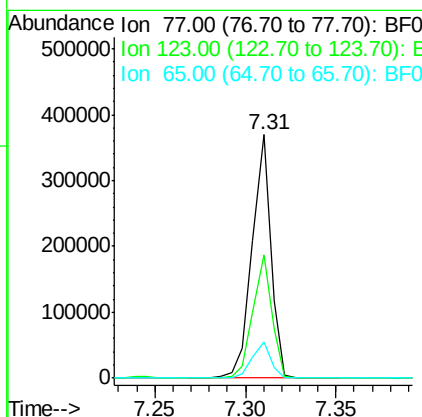
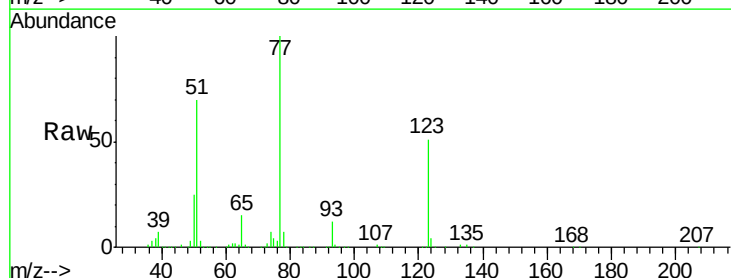
mohammad

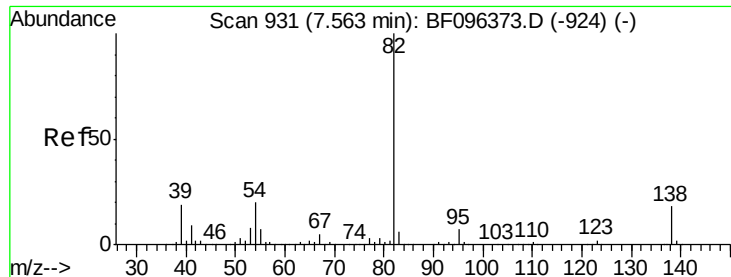
7/5/2017 11:41:55 AM



#24
Nitrobenzene
Concen: 38.915 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 39.339 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

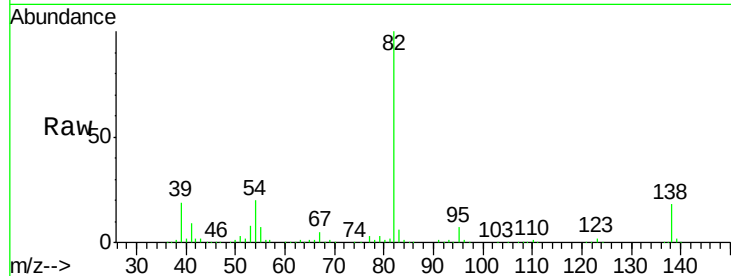
BNA_F

ClientSampleId :

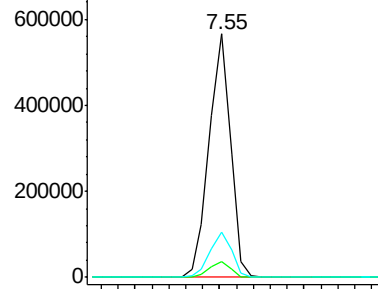
SSTDCCC040

Tgt Ion:	82	Resp:	499356
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	18.3	13.1	19.7

Manual Integrations
APPROVED

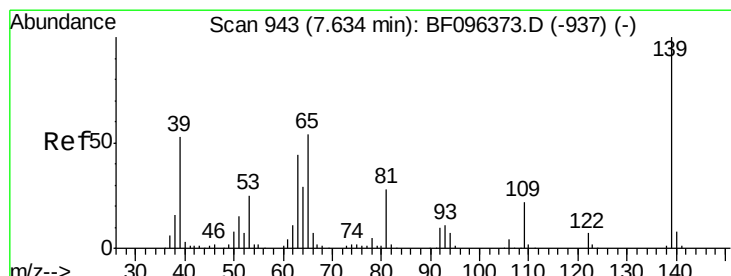
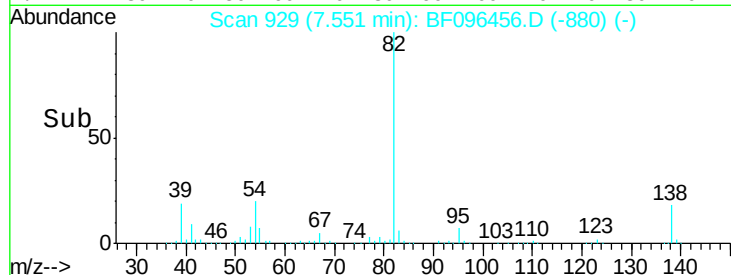


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



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#26

2-Nitrophenol

Concen: 17.505 ng

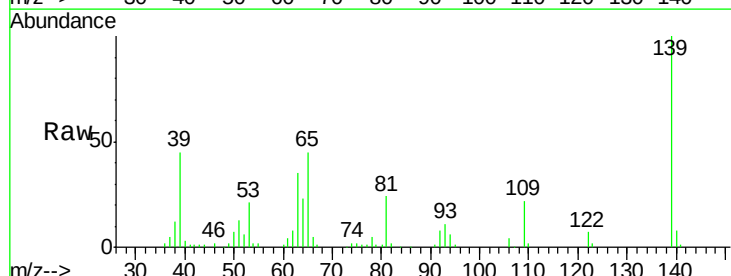
RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

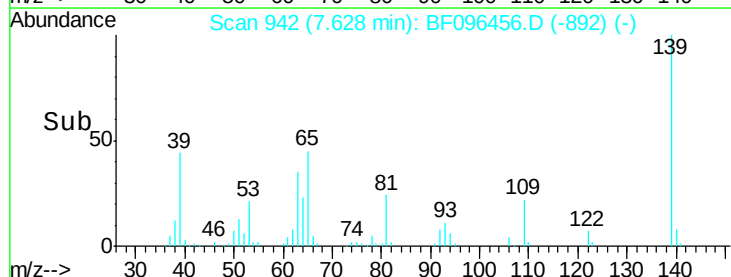
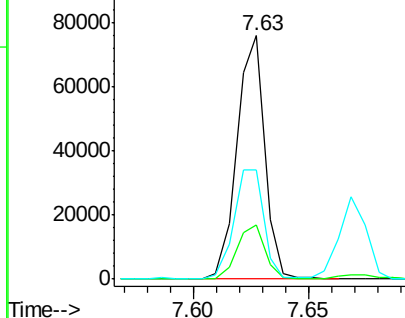
Lab File: BF096456.D

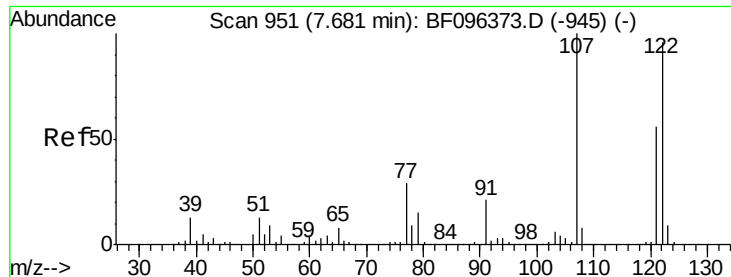
Acq: 3 Jul 2017 23:34

Tgt Ion:	139	Resp:	63635
Ion Ratio		Lower	Upper
139	100		
109	22.4	21.0	31.6
65	44.7	33.0	49.6



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



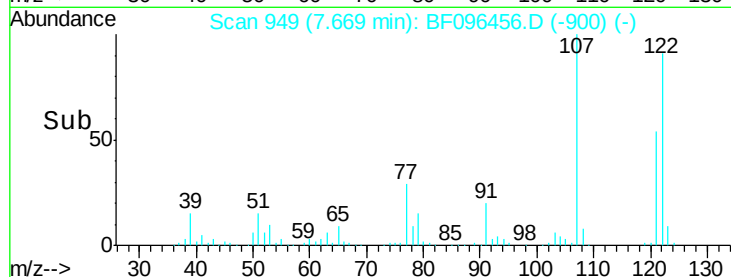
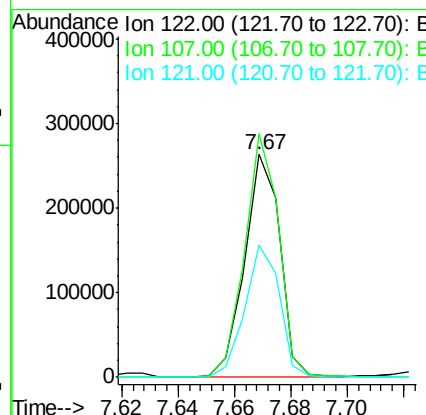
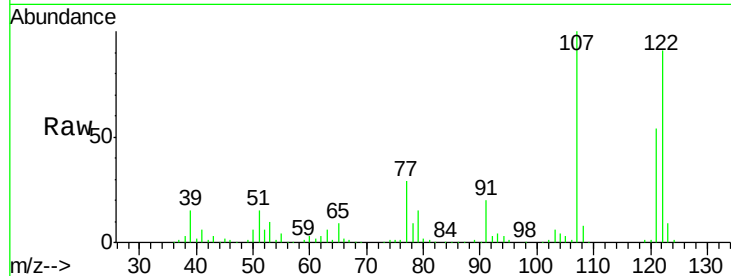


#27
2,4-Dimethylphenol
Concen: 36.855 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

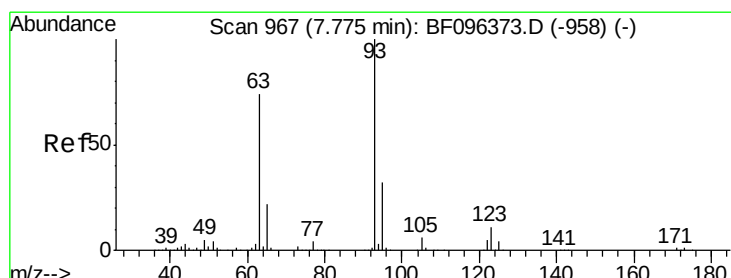
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	228126		
107	109.4	89.2	133.8	
121	59.5	45.2	67.8	

Manual Integrations
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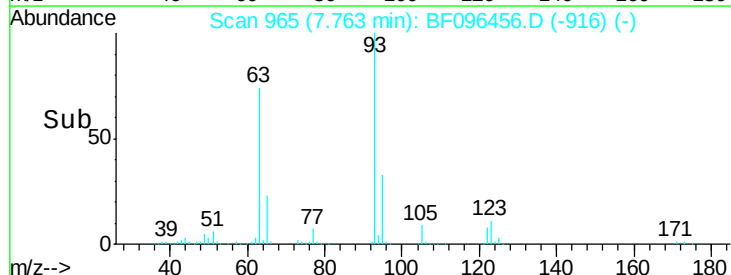
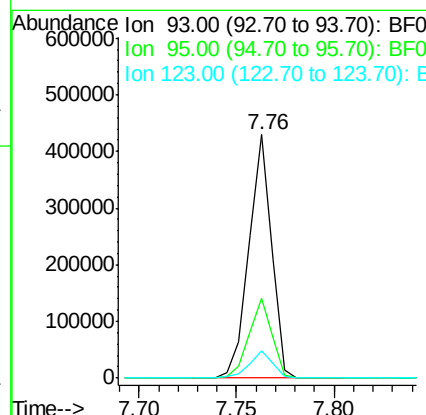
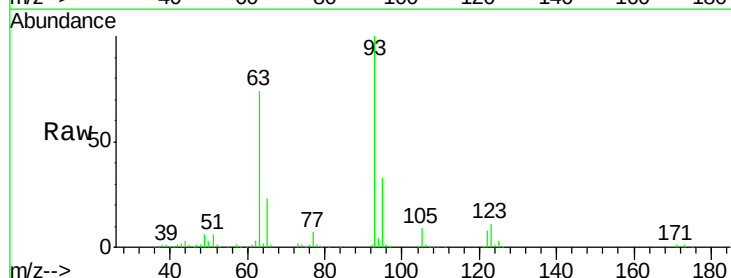
mohammad

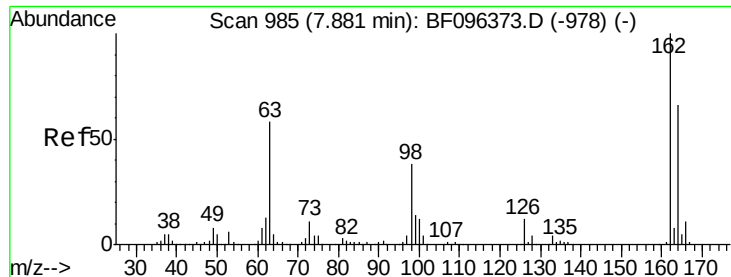
7/5/2017 11:41:55 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.316 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	346200		
95	32.8	26.5	39.7	
123	11.1	9.0	13.4	



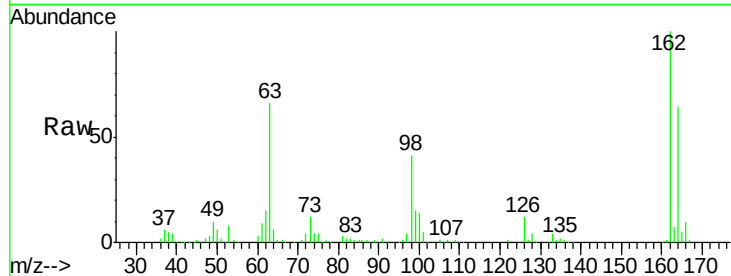


#29
2,4-Dichlorophenol
Concen: 35.059 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

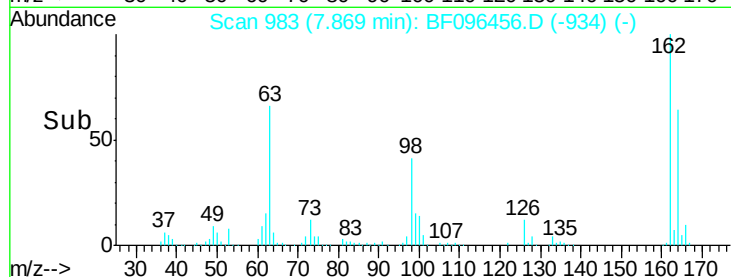
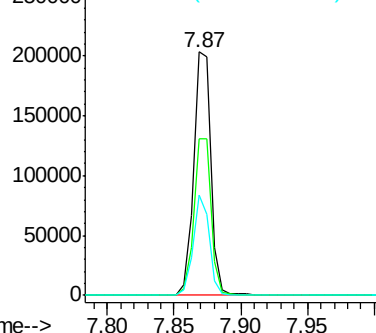
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	187234		
164	64.2	44.6	84.6	
98	41.1	14.8	54.8	

Manual Integrations
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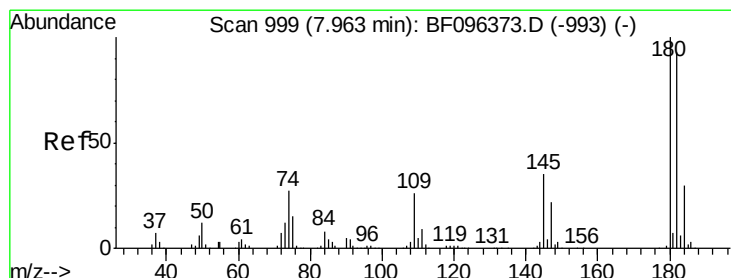


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



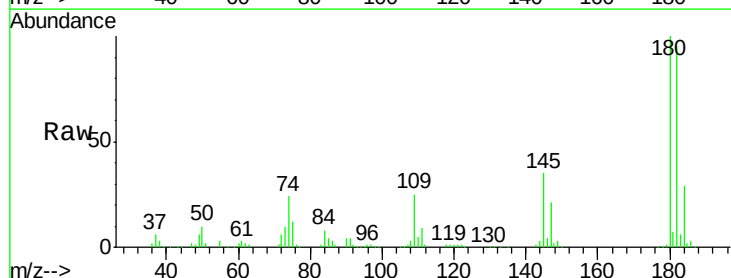
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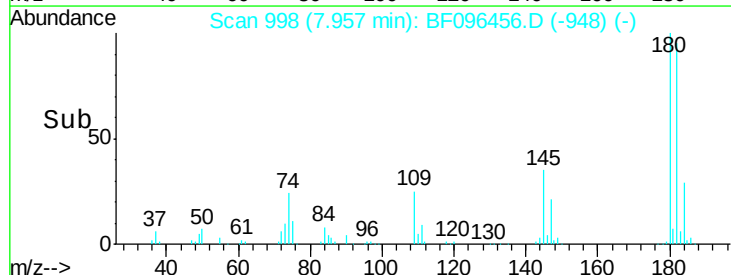
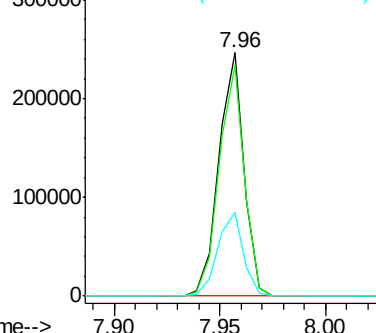


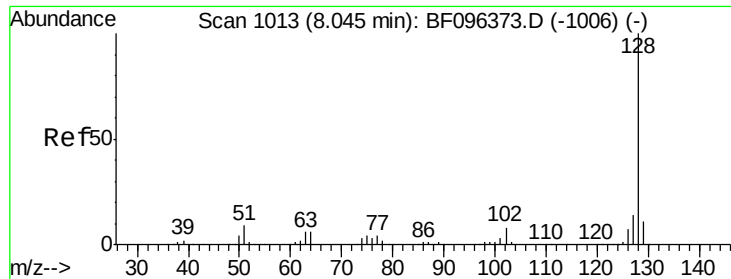
#30
1,2,4-Trichlorobenzene
Concen: 40.361 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	203328		
182	94.8	75.8	113.6	
145	34.6	25.3	37.9	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



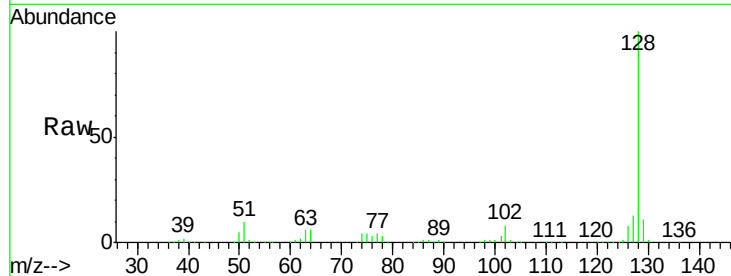


#31
Naphthalene
Concen: 36.305 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

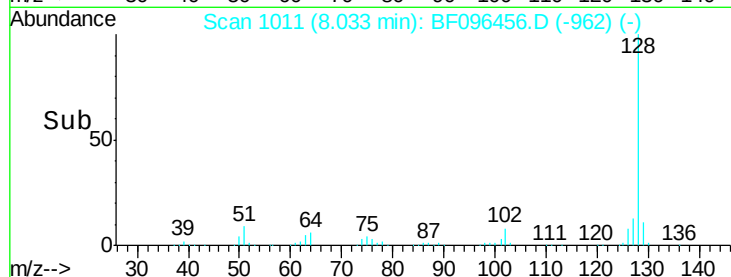
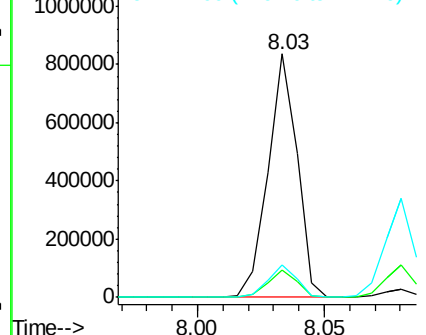
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.1	10.8	16.2

Manual Integrations
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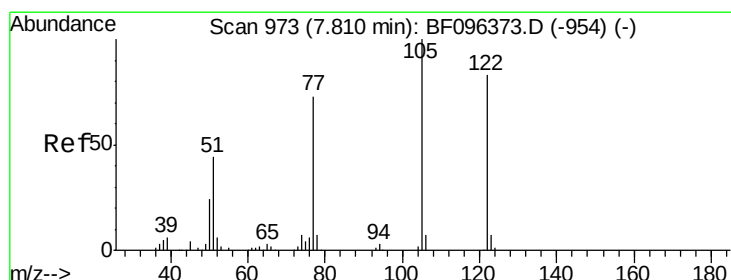


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



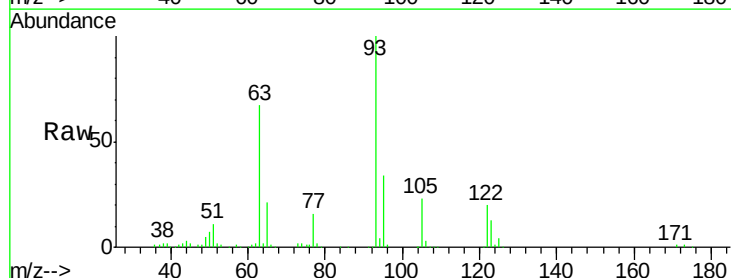
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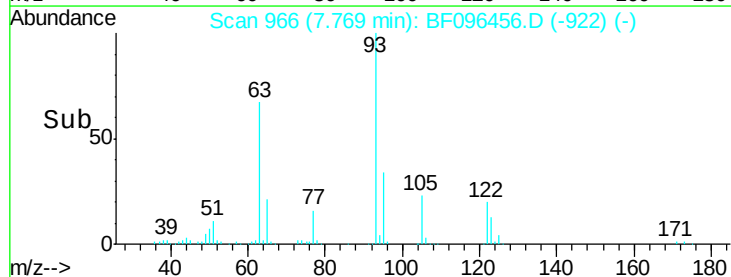
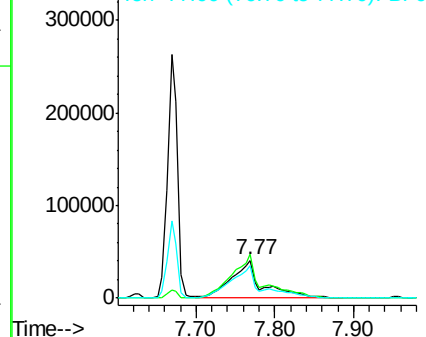


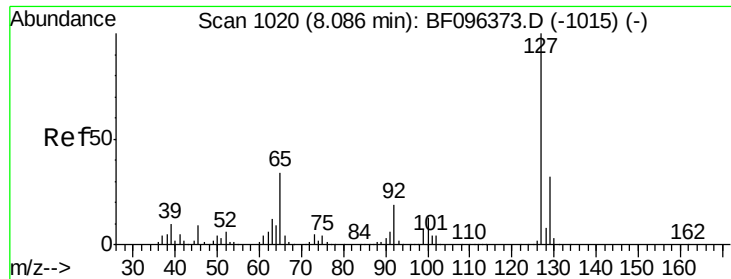
#32
Benzoic acid
Concen: 21.754 ng m
RT: 7.77 min Scan# 966
Delta R.T. -0.04 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.6	103.3	143.3
77	84.2	73.7	113.7



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



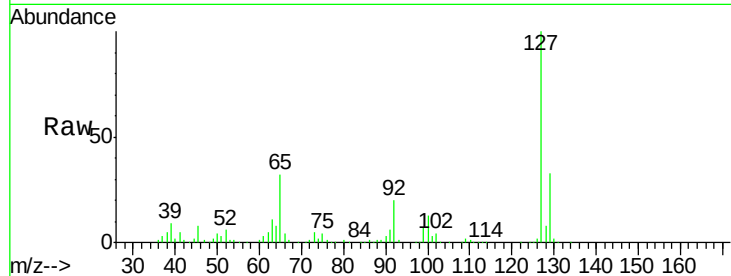


#33
4-Chloroaniline
Concen: 34.521 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

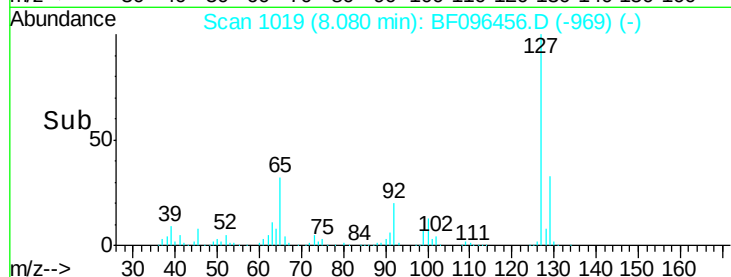
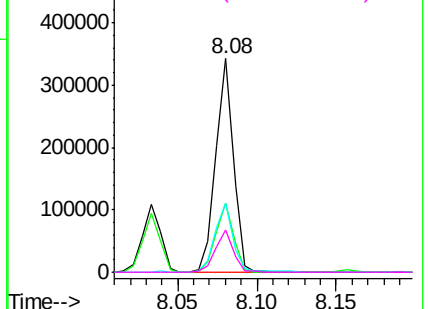
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	266308		
129	32.6	26.2	39.2	
65	32.4	27.8	41.8	
92	19.8	16.8	25.2	

Manual Integrations
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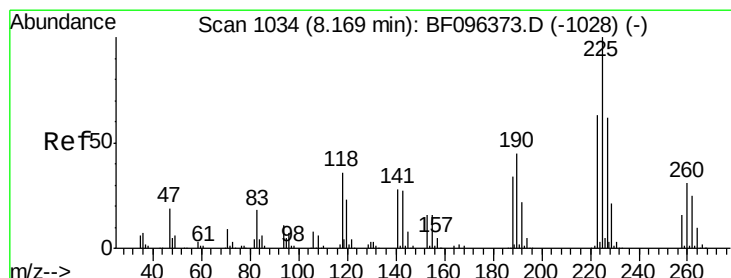


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



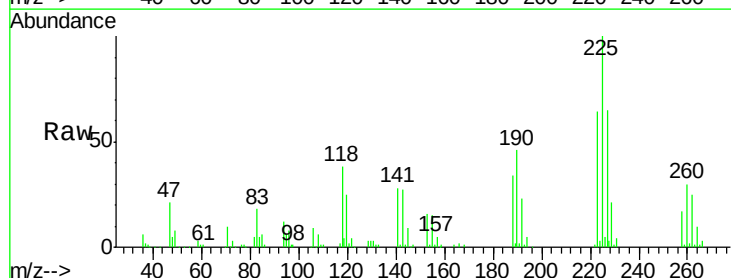
mohammad

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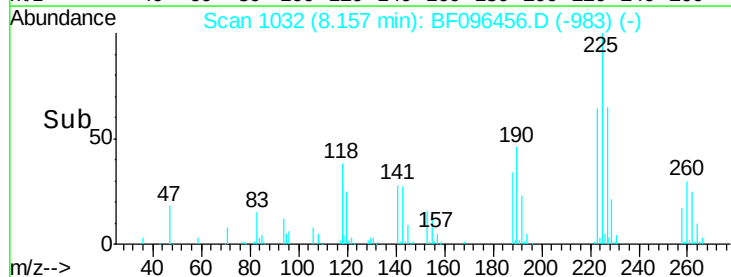
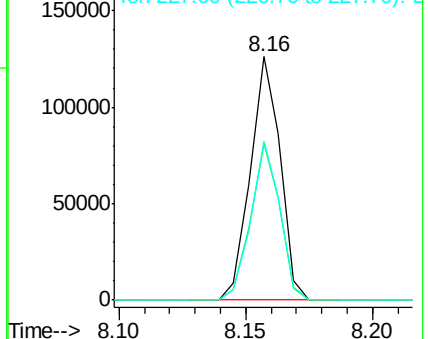


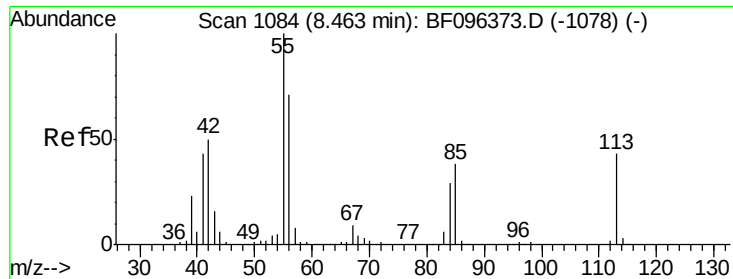
#34
Hexachlorobutadiene
Concen: 39.836 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102930		
223	64.1	48.8	73.2	
227	65.3	51.1	76.7	



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





#35

Caprolactam

Concen: 29.594 ng

RT: 8.45 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:113 Resp: 54500

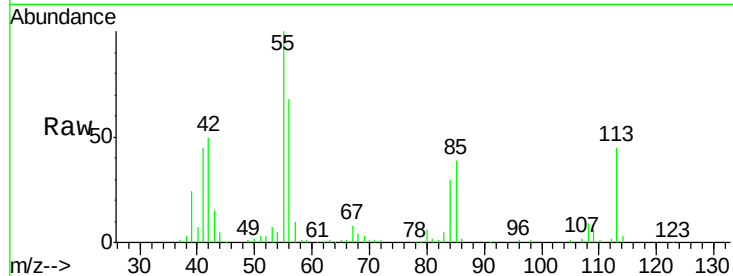
Ion Ratio Lower Upper

113 100

55 220.3 150.2 190.2#

56 150.6 107.8 147.8#

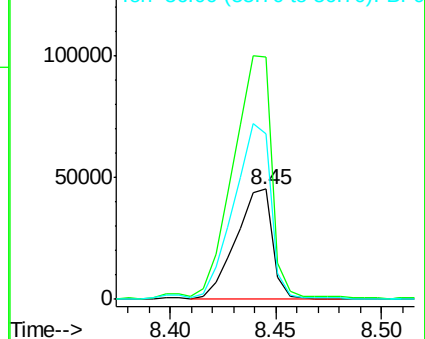
Manual Integrations
APPROVED



Abundance Ion 113.00 (112.70 to 113.70): E

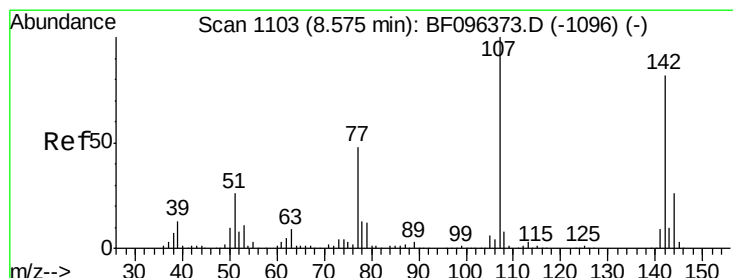
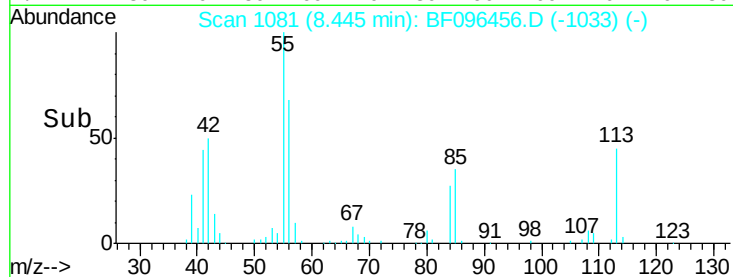
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



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#36

4-Chloro-3-methylphenol

Concen: 31.403 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

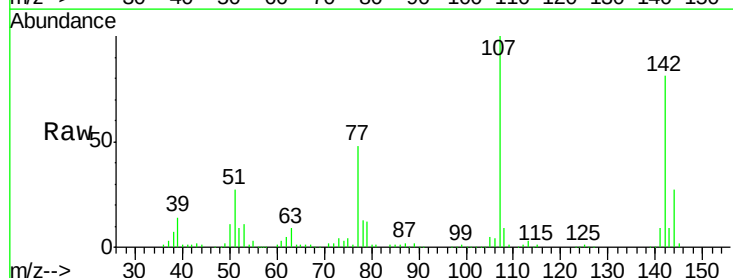
Tgt Ion:107 Resp: 185571

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

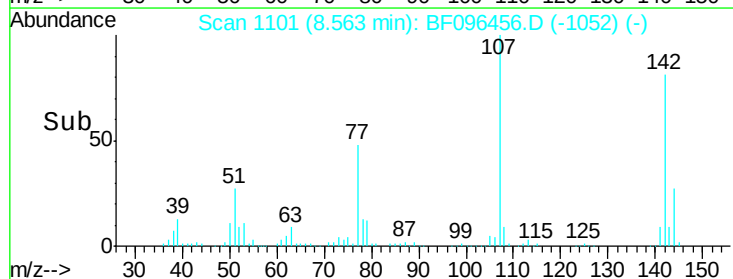
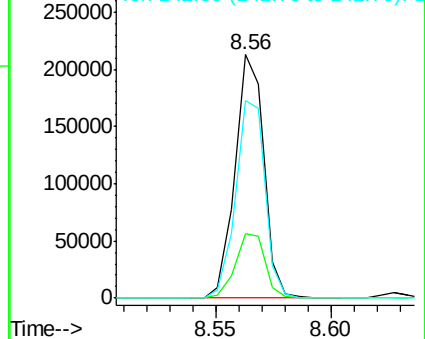
142 81.0 73.4 110.0

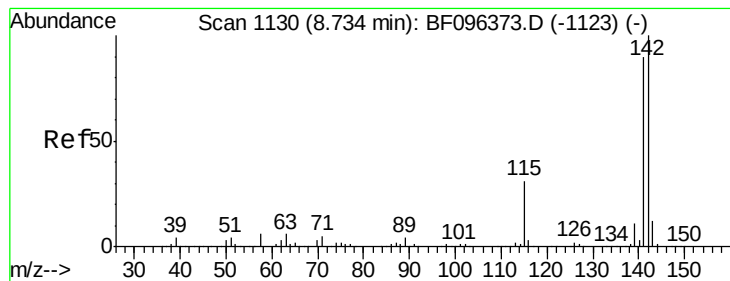


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



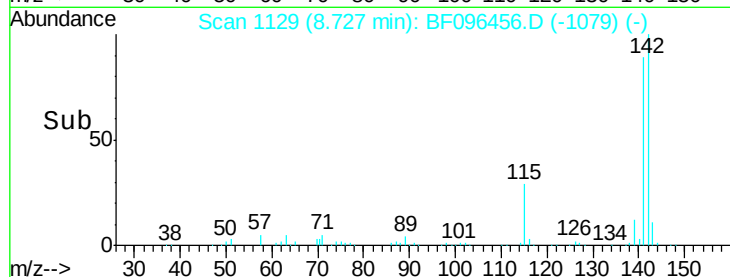
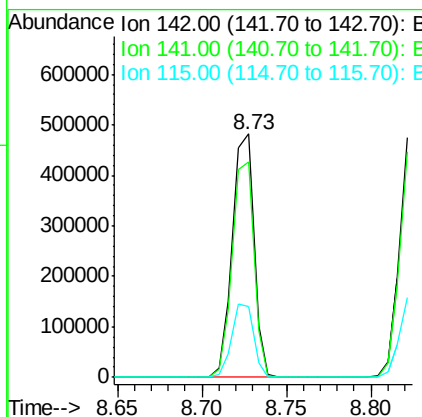
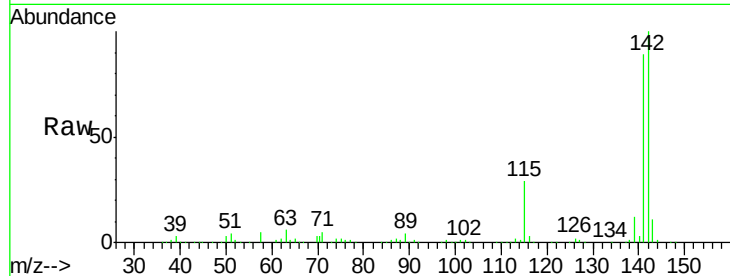


#37
 2-Methylnaphthalene
 Concen: 36.347 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

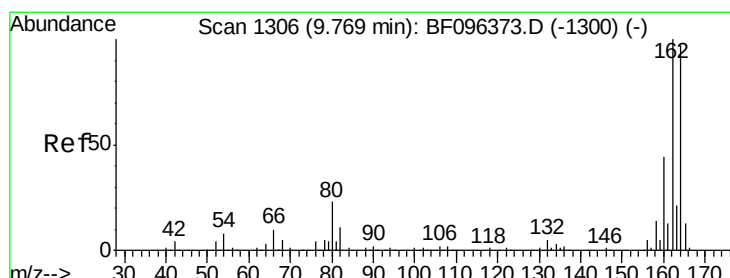
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	29.3	27.1	40.7

Manual Integrations
 APPROVED



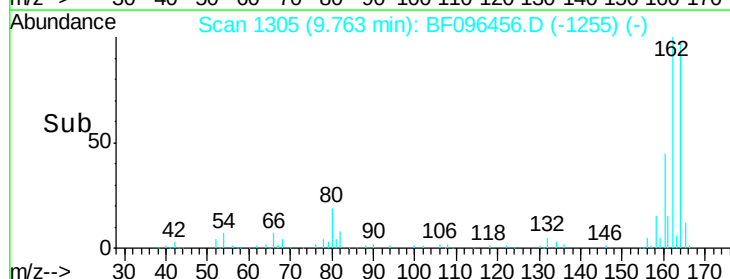
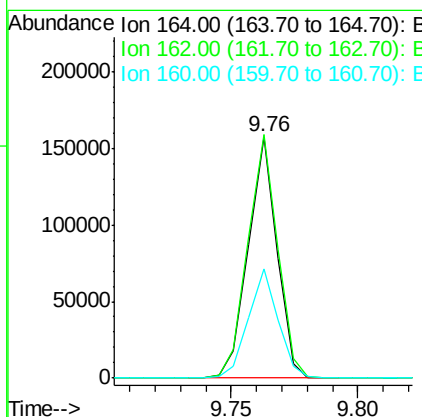
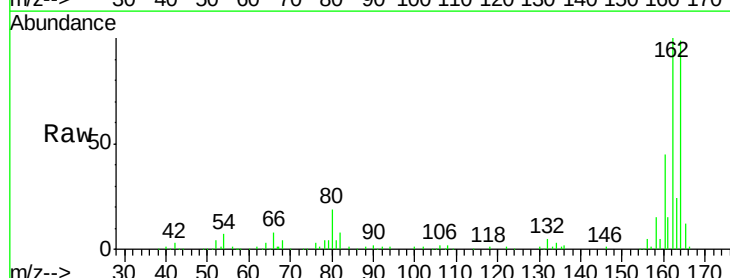
mohammad

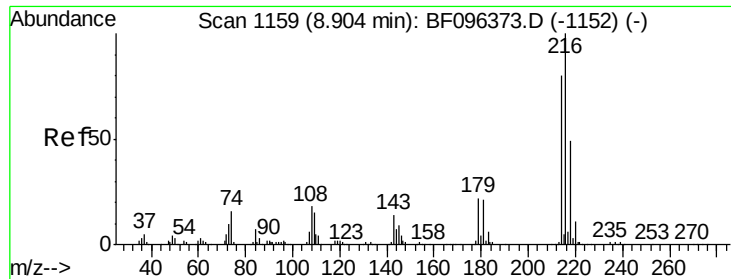
7/5/2017 11:41:55 AM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	45.1	36.2	54.2



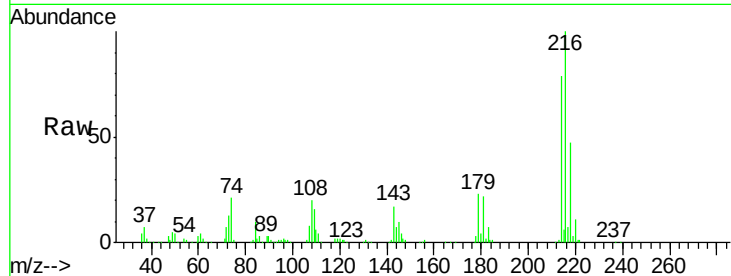


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.664 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

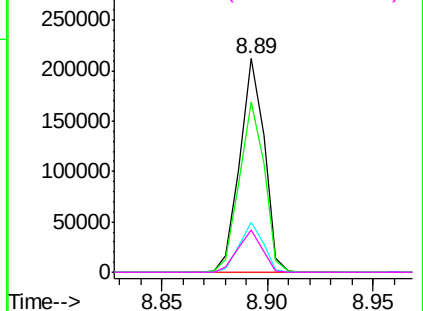
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.4	95.2
179	22.8	17.9	26.9
108	19.4	16.5	24.7

Manual Integrations
 APPROVED

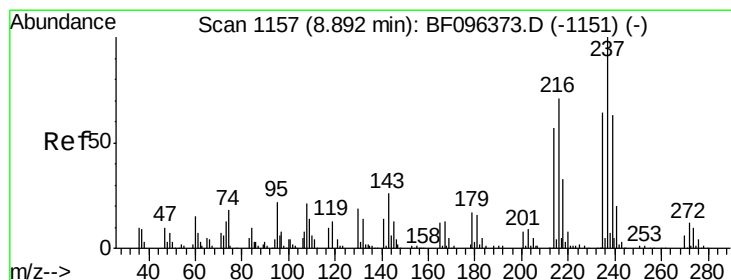
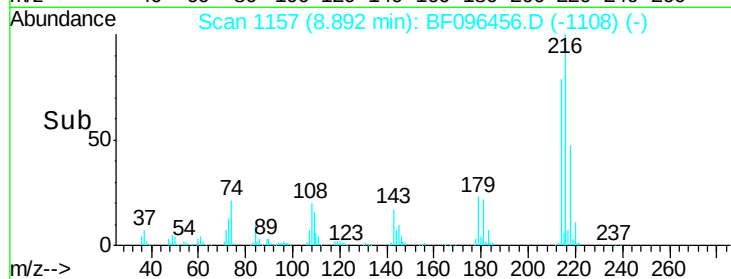


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



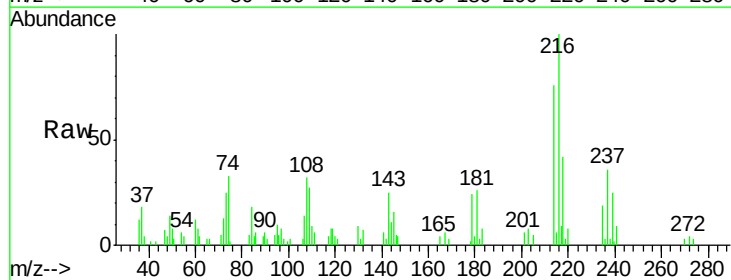
mohammad

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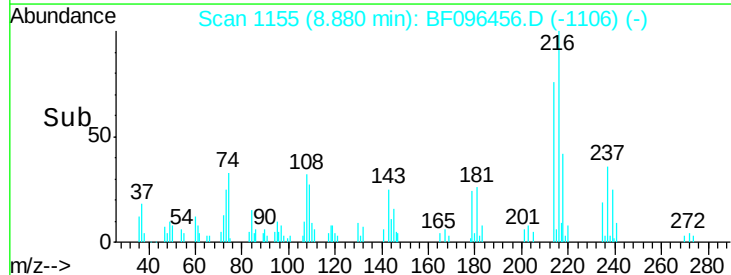
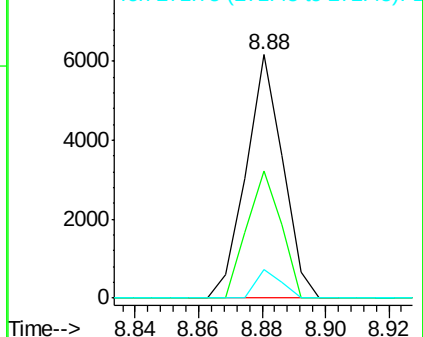


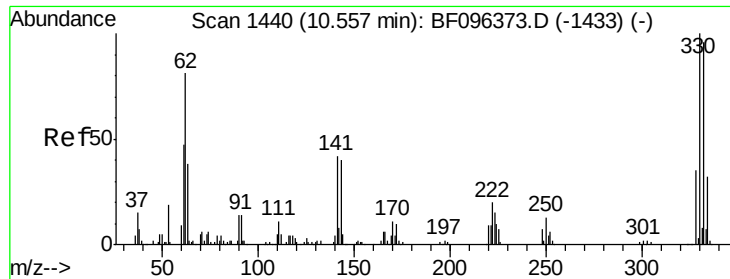
#40
 Hexachlorocyclopentadiene
 Concen: 3.163 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
237	100		
235	52.4	42.6	82.6
272	11.5	0.0	31.9



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





#41

2,4,6-Tribromophenol

Concen: 90.087 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

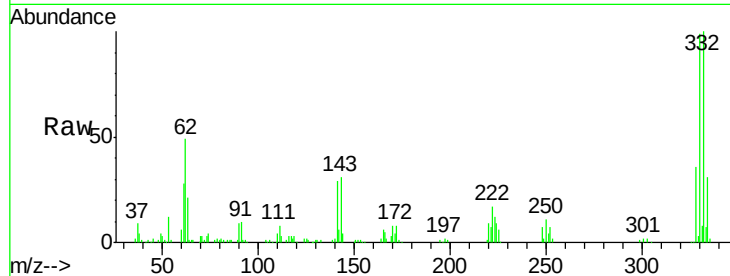
BNA_F

ClientSampled :

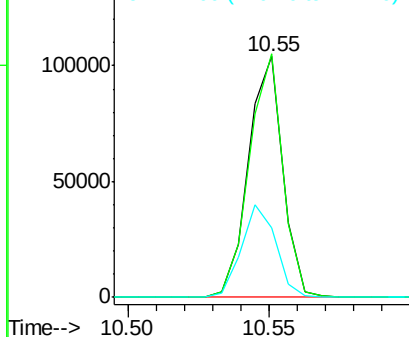
SSTDCCC040

Tgt Ion:	330	Resp:	87564
Ion Ratio	Lower	Upper	
330	100		
332	98.7	76.6	115.0
141	38.3	31.4	47.2

Manual Integrations
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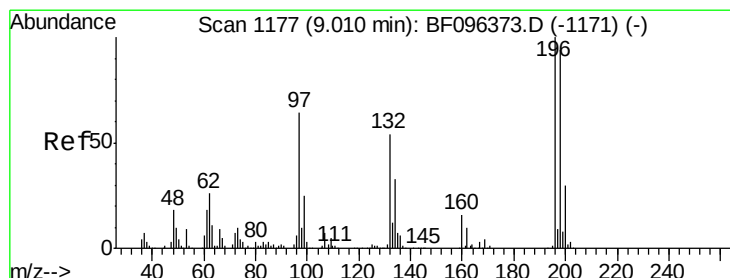
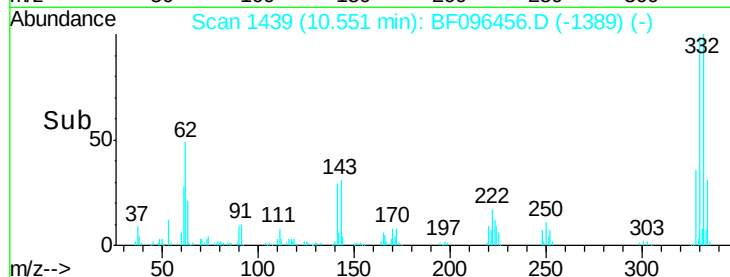


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



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#42

2,4,6-Trichlorophenol

Concen: 45.158 ng

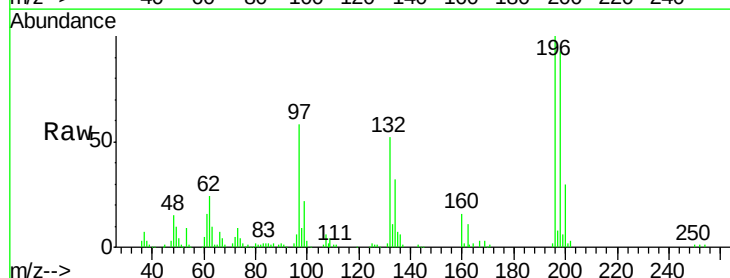
RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

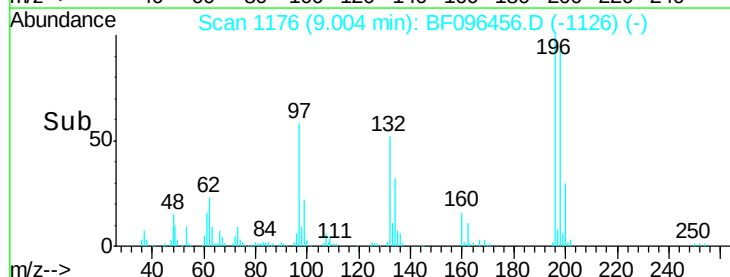
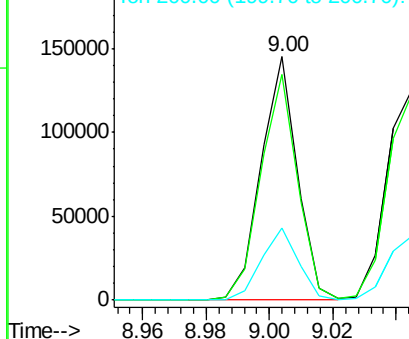
Lab File: BF096456.D

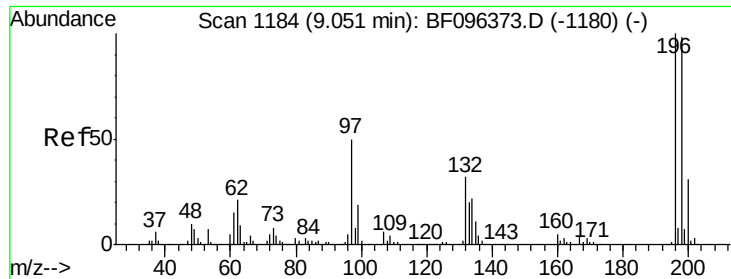
Acq: 3 Jul 2017 23:34

Tgt Ion:	196	Resp:	115421
Ion Ratio	Lower	Upper	
196	100		
198	92.8	74.2	111.4
200	29.7	24.0	36.0



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



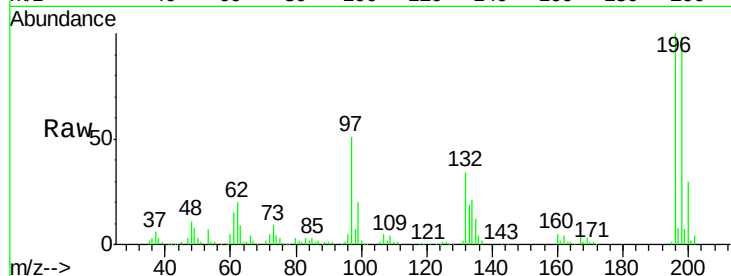


#43
 2,4,5-Trichlorophenol
 Concen: 44.829 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

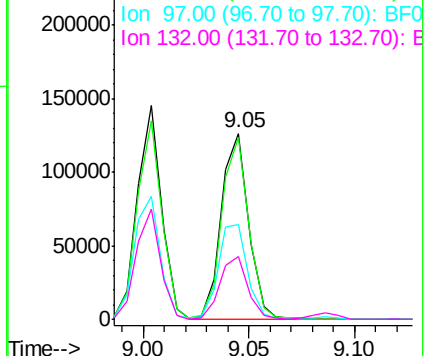
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113292		
198	97.8	75.7	113.5	
97	50.8	47.7	71.5	
132	34.0	28.0	42.0	

Manual Integrations
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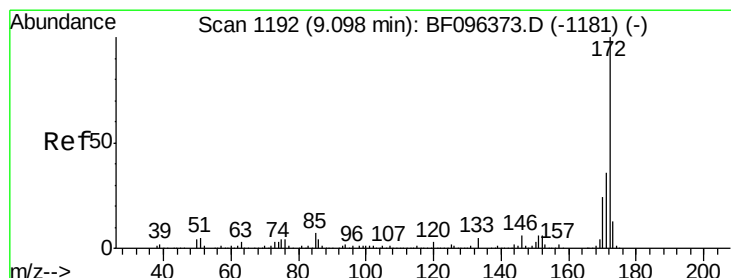
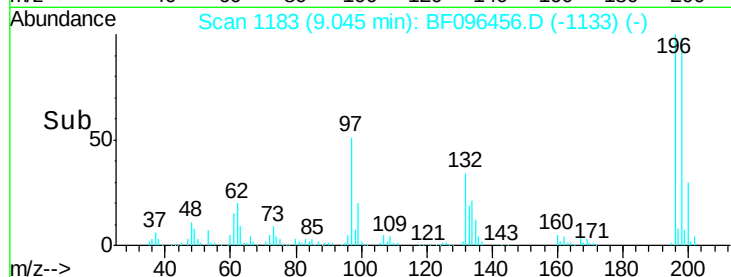


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



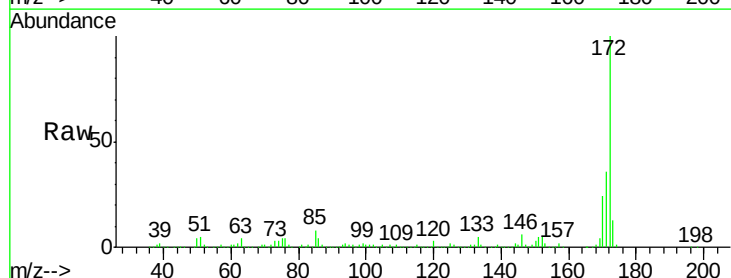
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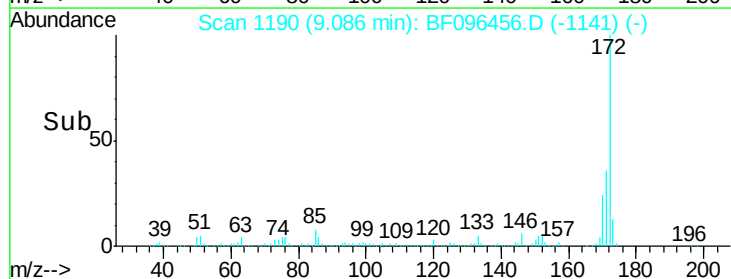
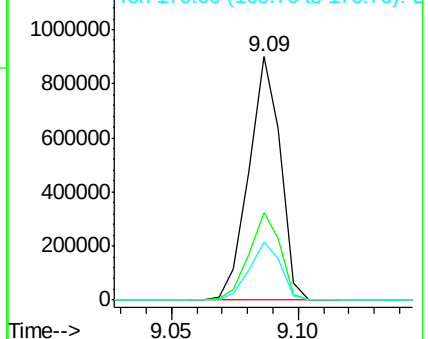


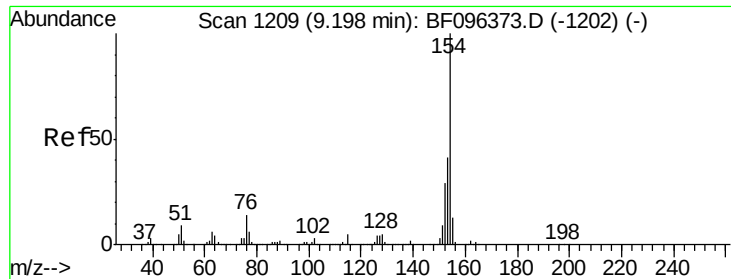
#44
 2-Fluorobiphenyl
 Concen: 106.554 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	775484		
171	35.8	29.6	44.4	
170	23.6	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



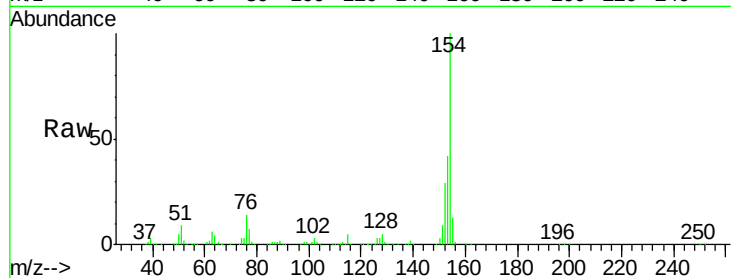


#45
 1,1'-Biphenyl
 Concen: 48.555 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

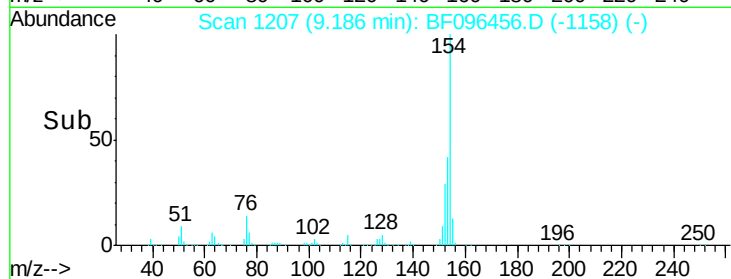
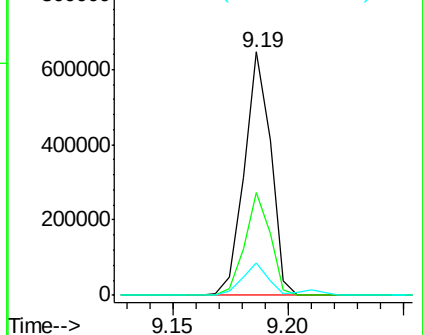
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.2	61.2
76	13.6	0.0	29.9

Manual Integrations
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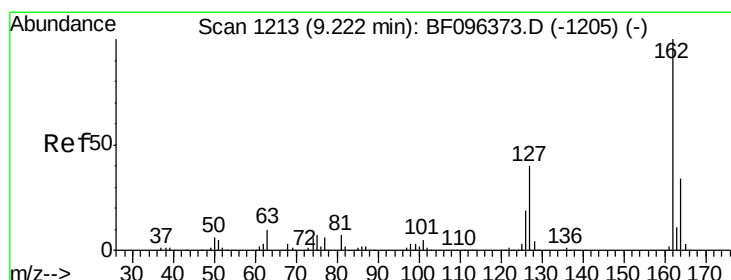


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



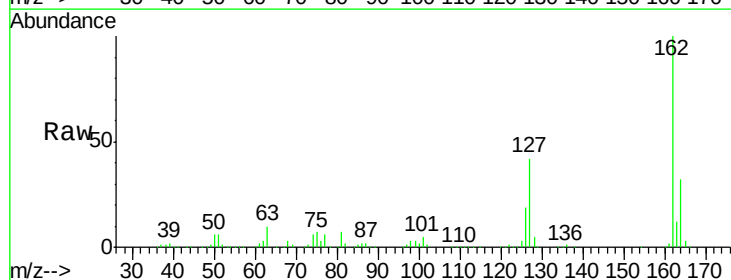
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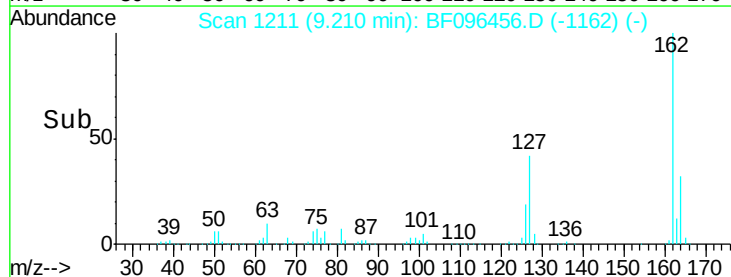
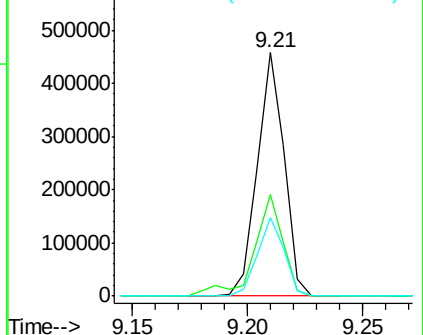


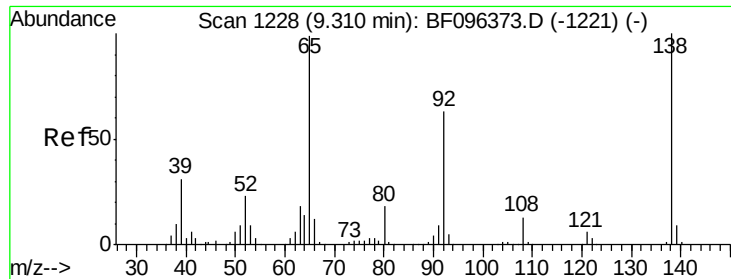
#46
 2-Chloronaphthalene
 Concen: 46.626 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	28.3	42.5
164	32.2	27.0	40.4



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



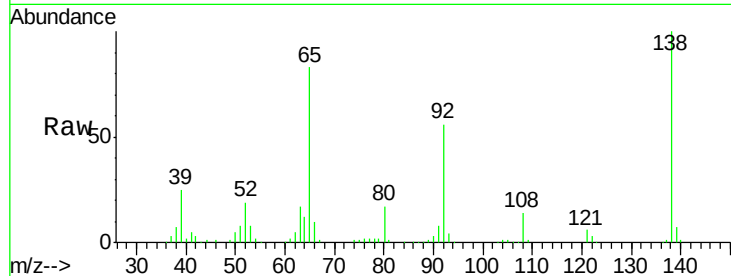


#47
2-Nitroaniline
Concen: 42.649 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

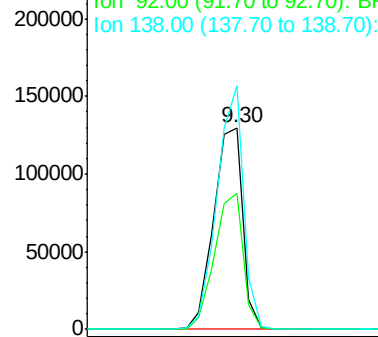
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.9	80.9
138	120.9	78.8	118.2

Manual Integrations
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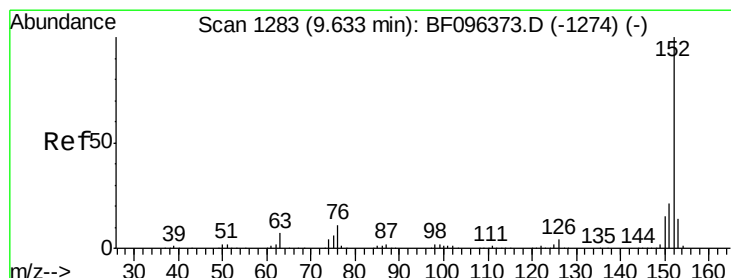
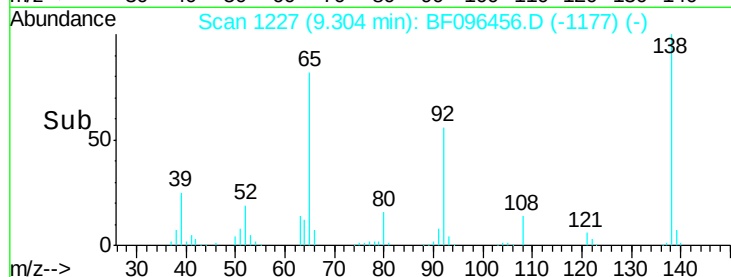


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



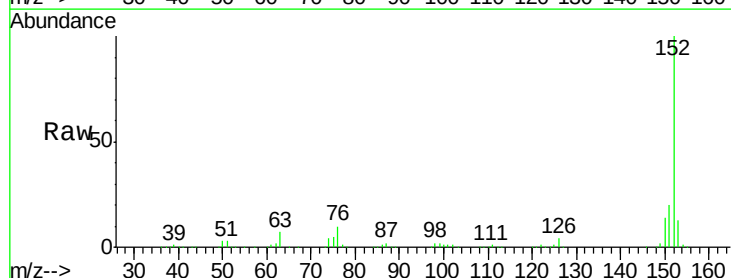
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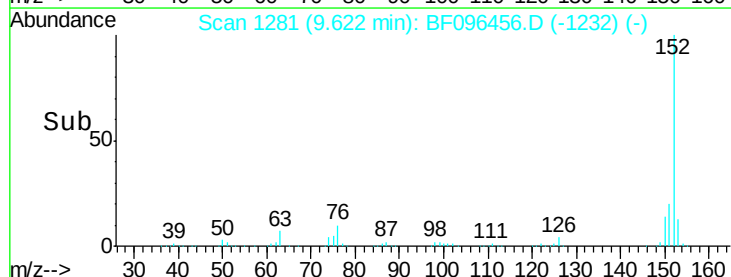
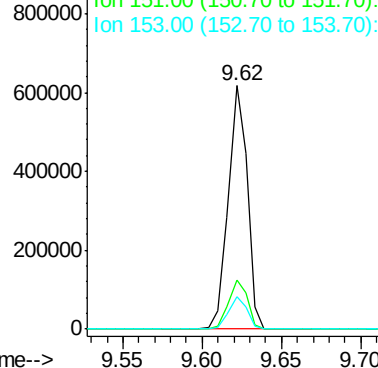


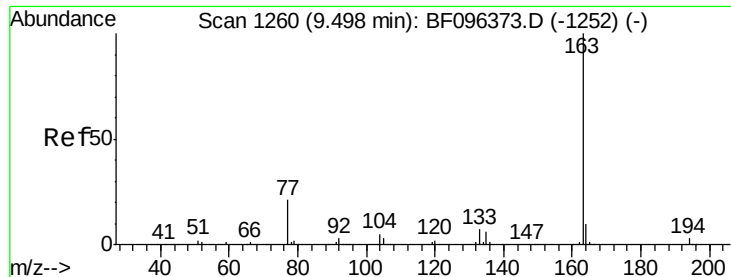
#48
Acenaphthylene
Concen: 40.821 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.5	10.8	16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



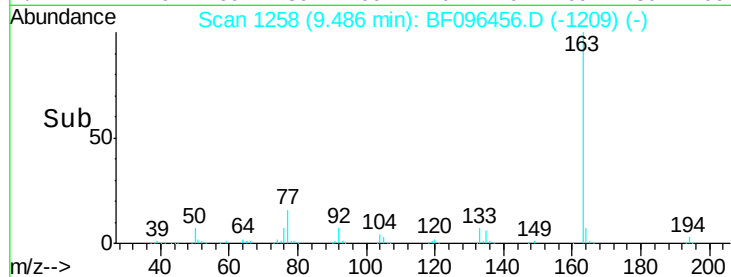
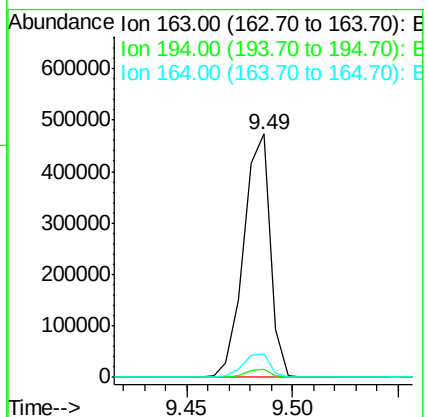
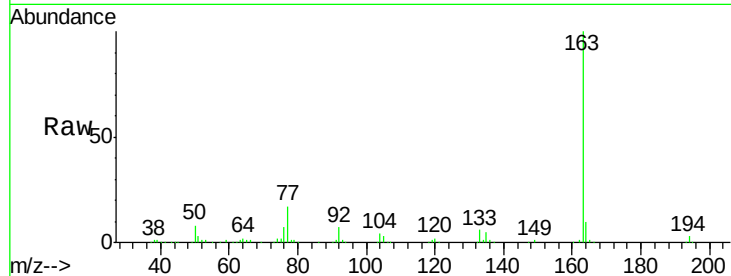


#49
Dimethylphthalate
Concen: 44.488 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

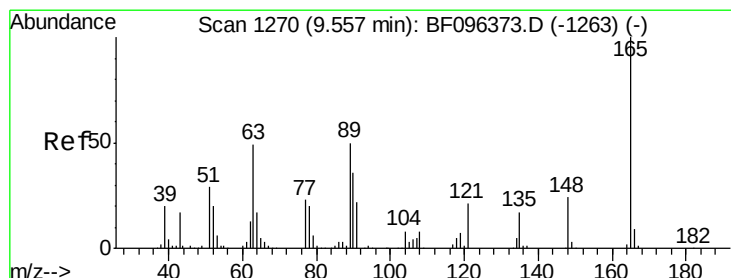
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	413256		
194	3.3	2.6	4.0	
164	9.5	8.4	12.6	

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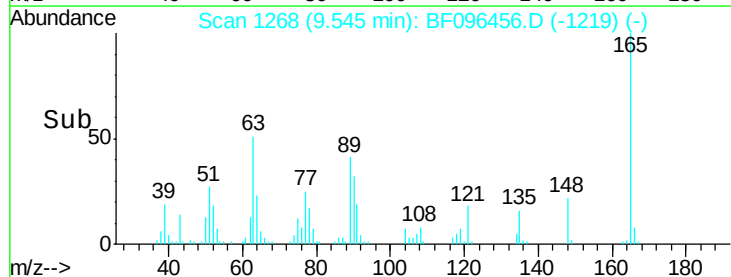
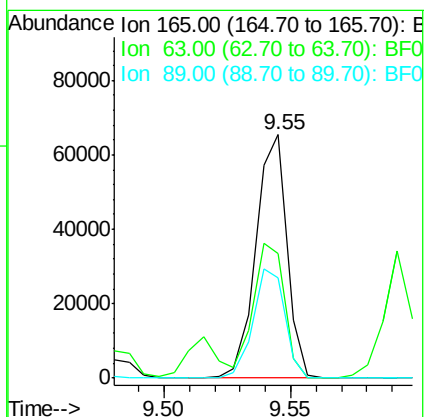
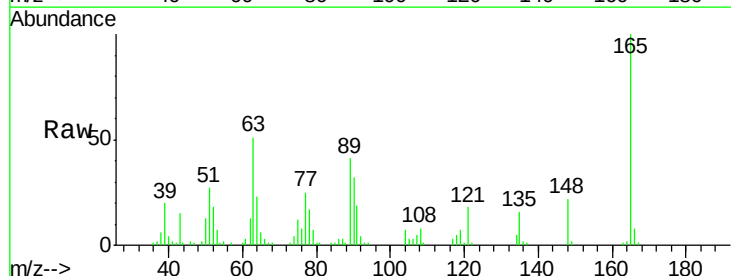
mohammad

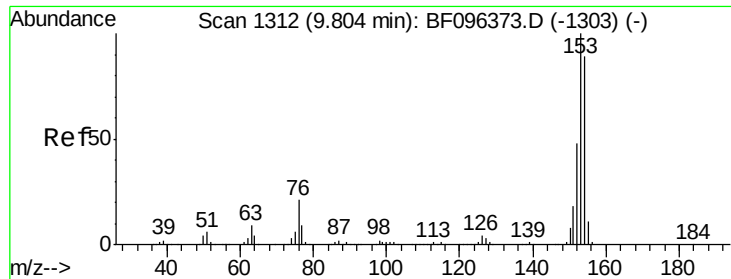
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#50
2,6-Dinitrotoluene
Concen: 27.340 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	56162		
63	51.3	34.3	51.5	
89	41.2	37.1	55.7	





#51

Acenaphthene

Concen: 38.556 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

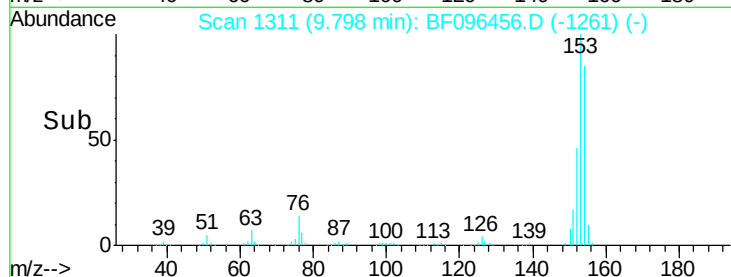
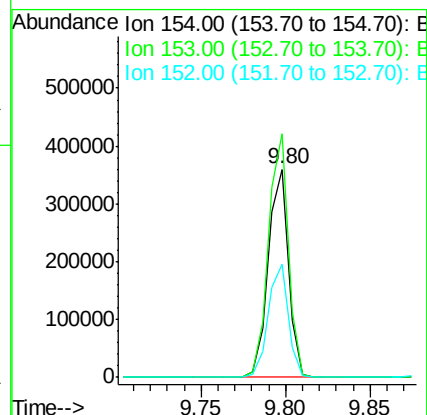
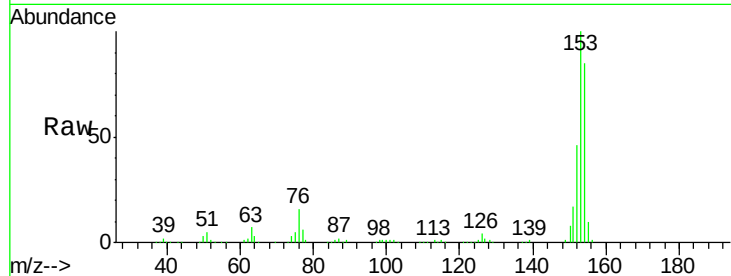
BNA_F

ClientSampleId :

SSTDCCC040

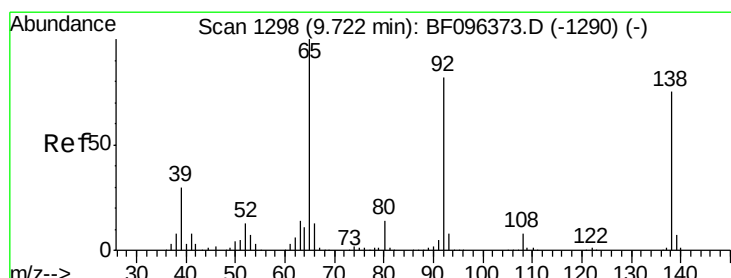
Tgt Ion:	154	Resp:	299215
Ion Ratio	Lower	Upper	
154	100		
153	117.0	90.5	135.7
152	54.2	43.6	65.4

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#52

3-Nitroaniline

Concen: 45.794 ng

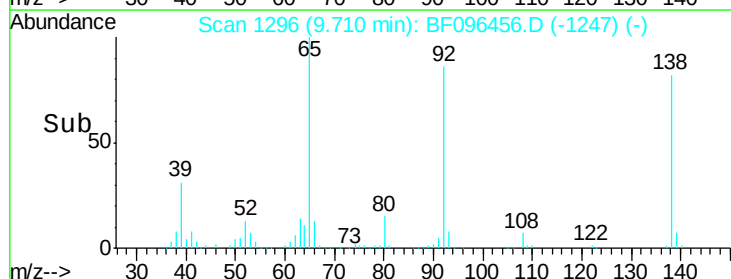
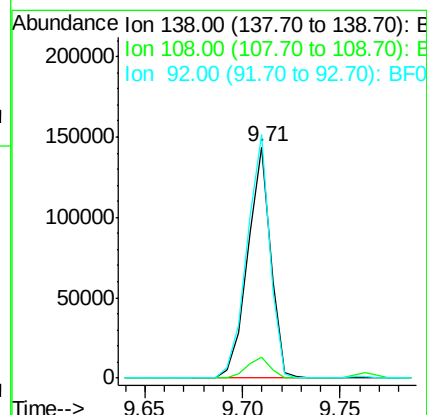
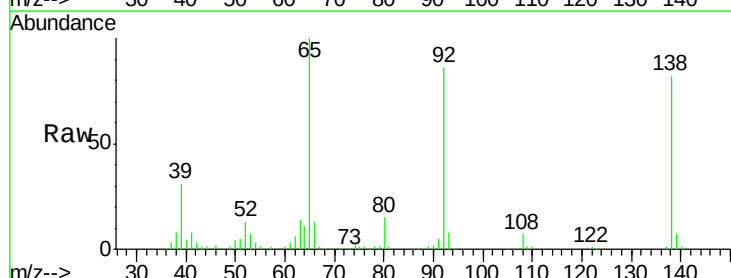
RT: 9.71 min Scan# 1296

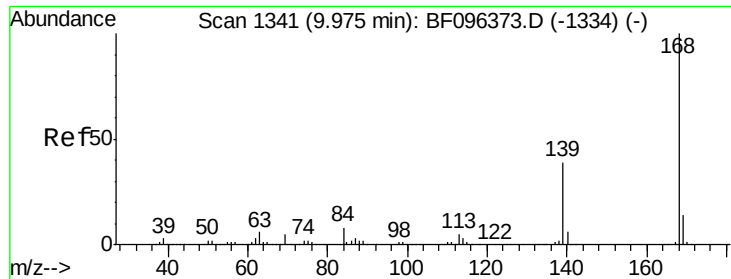
Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Tgt Ion:	138	Resp:	117329
Ion Ratio	Lower	Upper	
138	100		
108	9.0	9.1	13.7#
92	105.4	93.8	140.6



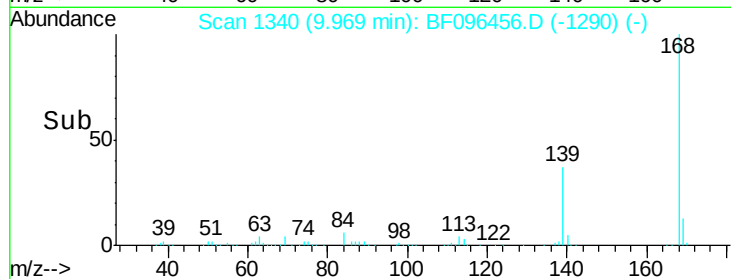
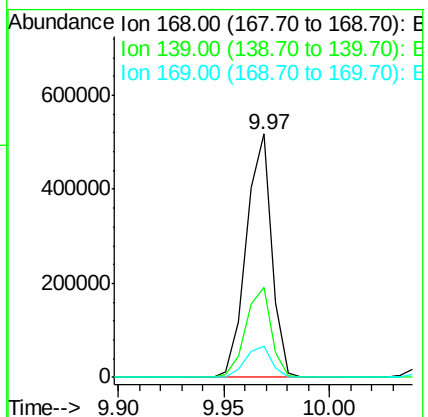
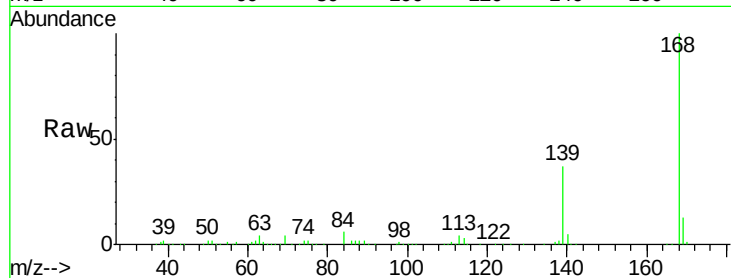


#54
Dibenzofuran
Concen: 42.196 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

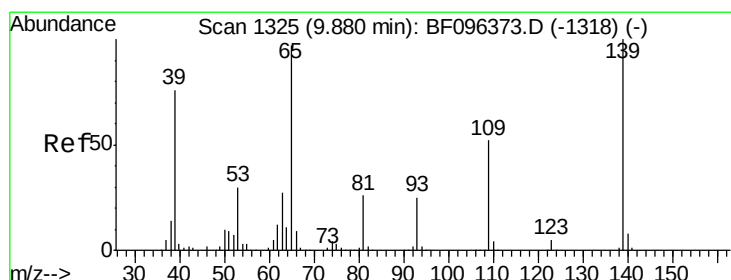
Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.6	45.8
169	12.8	10.8	16.2

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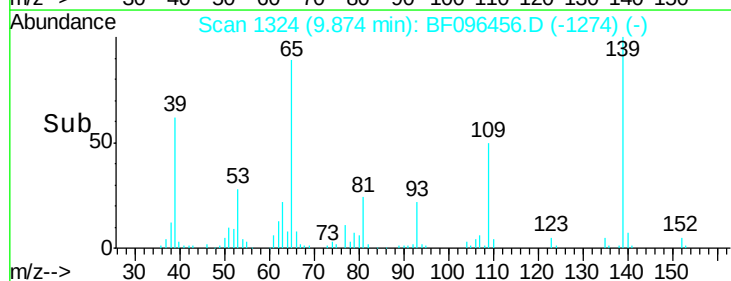
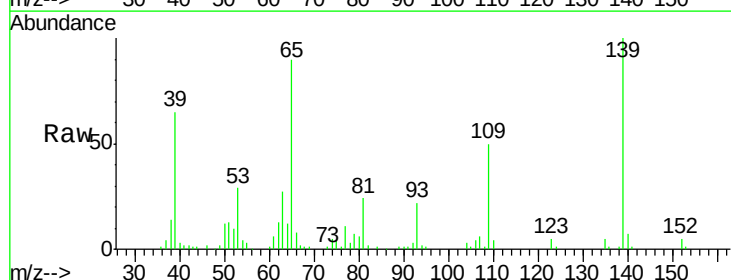
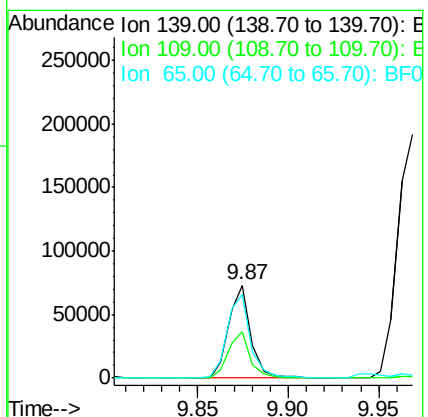
mohammad

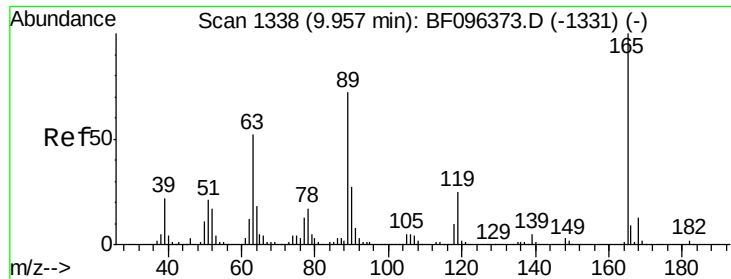
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#55
4-Nitrophenol
Concen: 29.160 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	49.8	34.1	74.1
65	89.7	31.4	71.4#



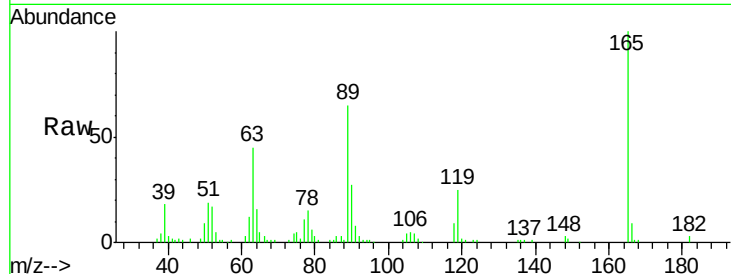


#56
2,4-Dinitrotoluene
Concen: 22.033 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.9	25.4	38.0#
89	65.4	46.4	69.6
182	2.5	1.8	2.6

Manual Integrations
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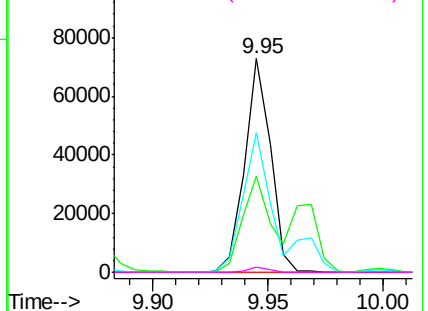


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

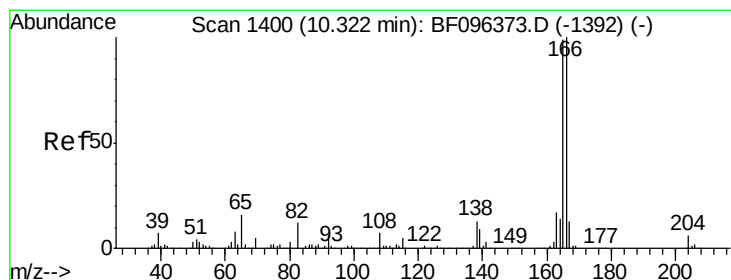
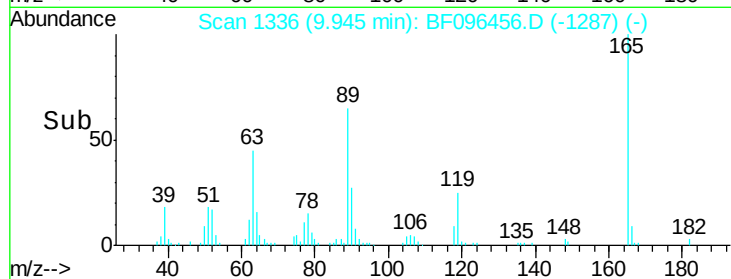
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



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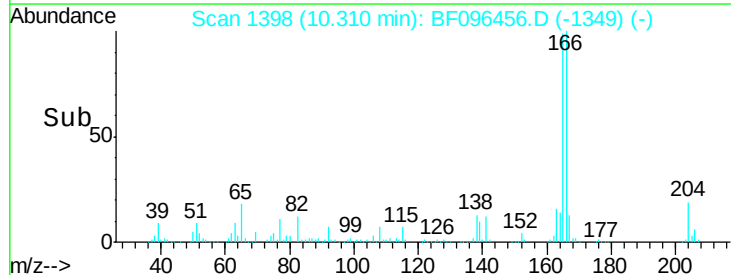
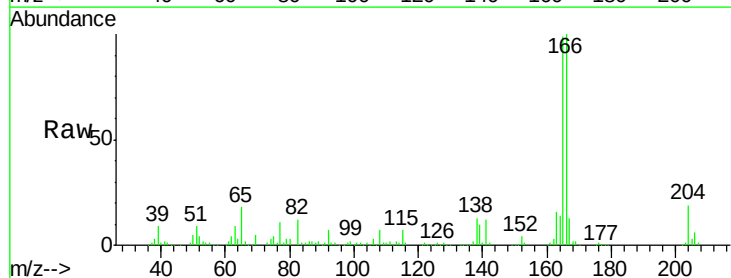
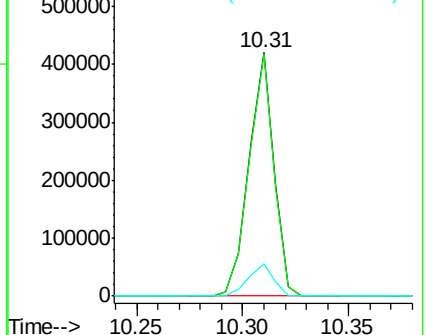
#57
Fluorene
Concen: 47.704 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

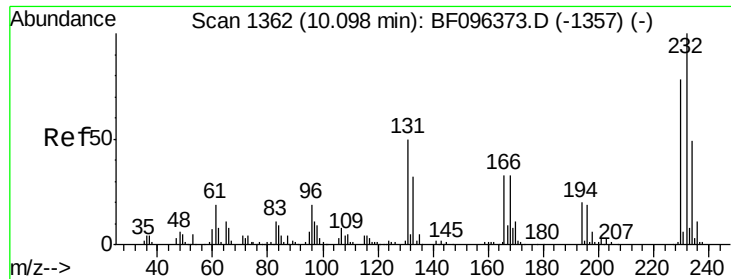
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.8	118.2
167	13.1	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



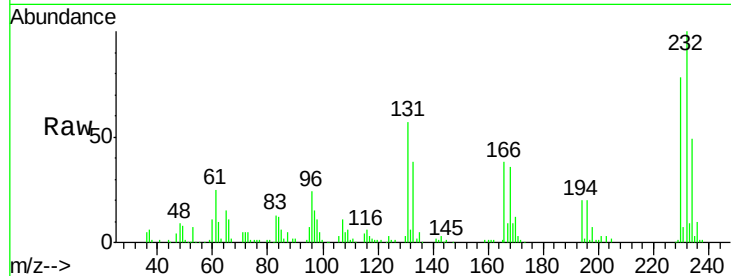


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.047 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

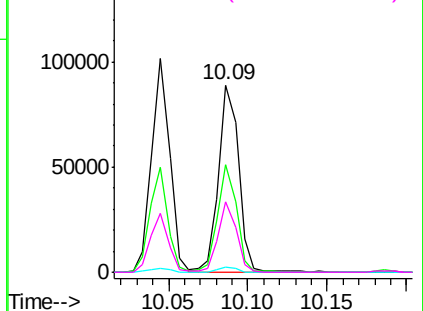
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	232	Resp:	78764
Ion Ratio	Lower	Upper	
232	100		
131	54.0	44.8	67.2
130	2.6	2.3	3.5
166	34.2	29.0	43.4

Manual Integrations
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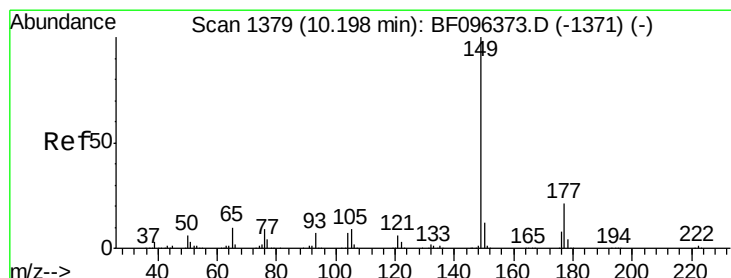
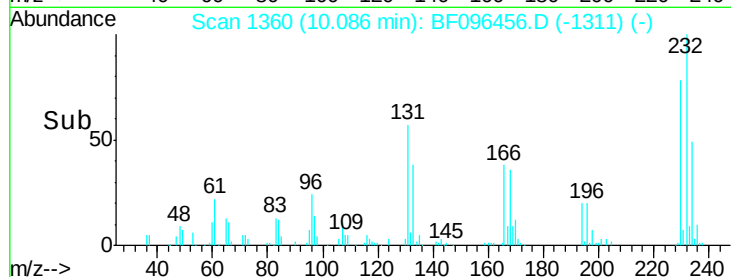


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



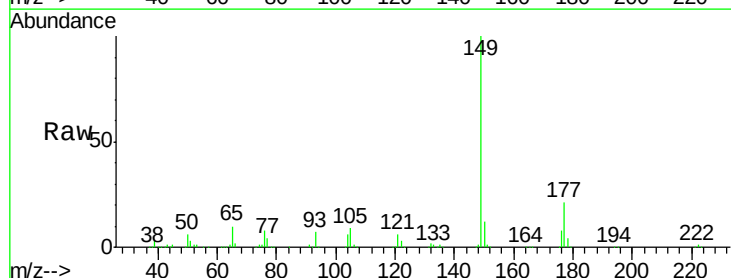
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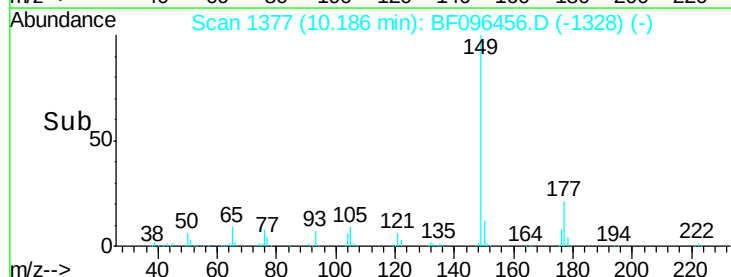
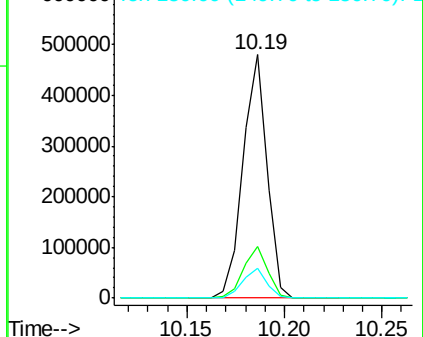


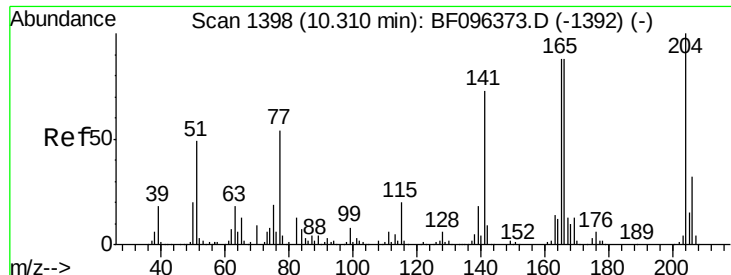
#59
 Diethylphthalate
 Concen: 46.716 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion:	149	Resp:	410173
Ion Ratio	Lower	Upper	
149	100		
177	21.2	16.7	25.1
150	12.4	10.2	15.2



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



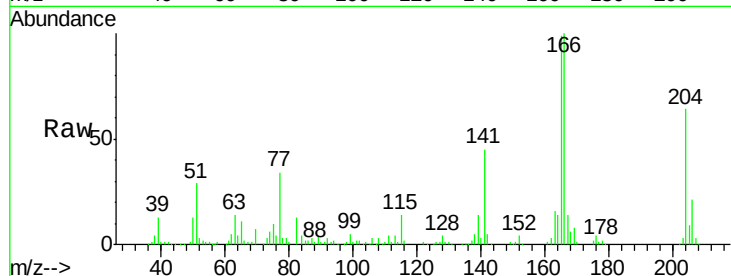


#60
4-Chlorophenyl-phenylether
Concen: 45.918 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

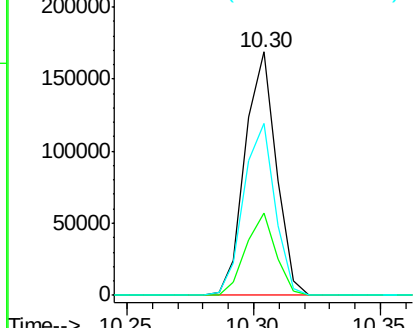
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 204 Resp: 144572
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 70.4 60.8 91.2

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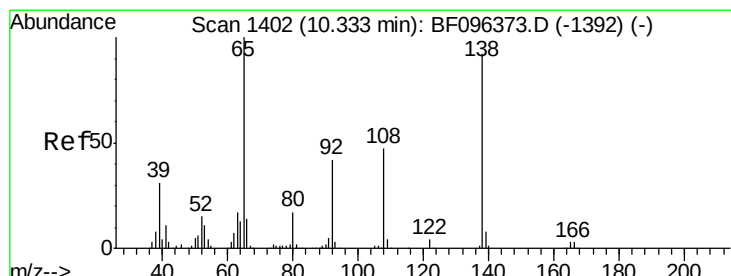
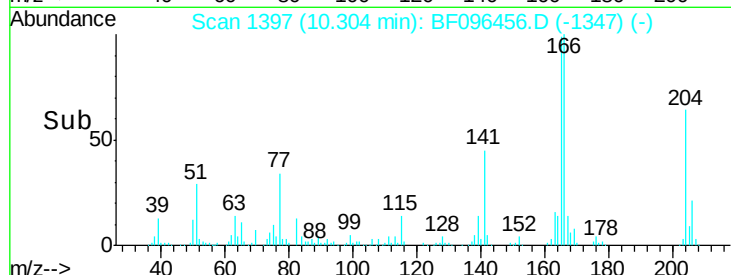


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



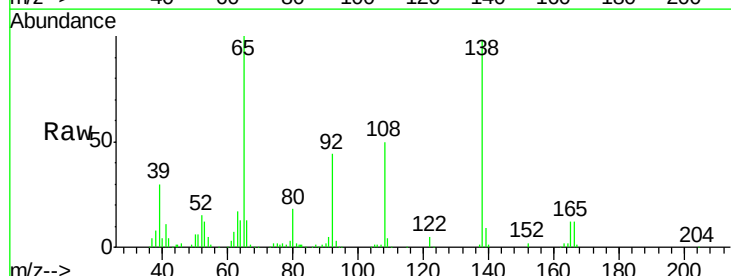
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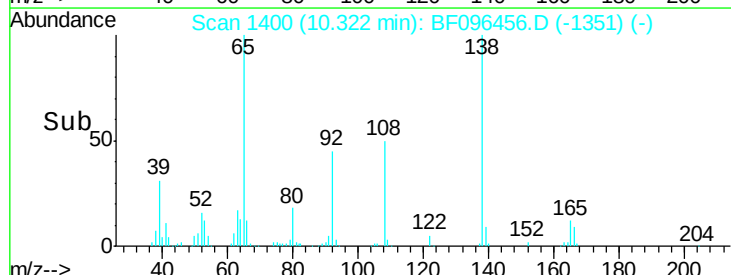
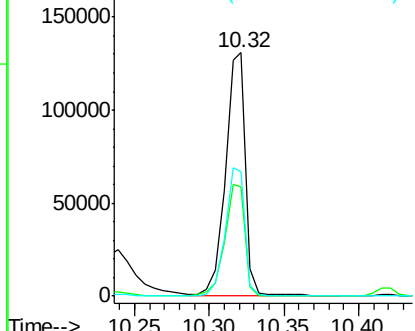


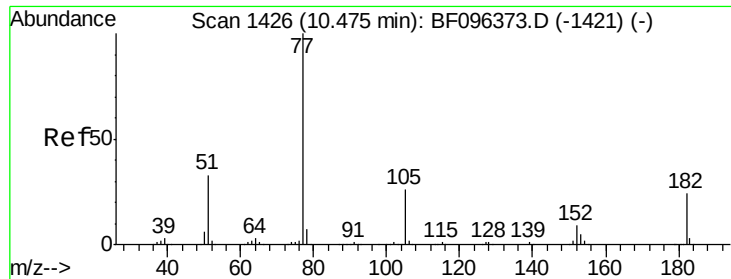
#61
4-Nitroaniline
Concen: 53.724 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion: 138 Resp: 125157
Ion Ratio Lower Upper
138 100
92 45.0 21.8 61.8
108 50.9 42.3 82.3



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





#62

Azobenzene

Concen: 40.103 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

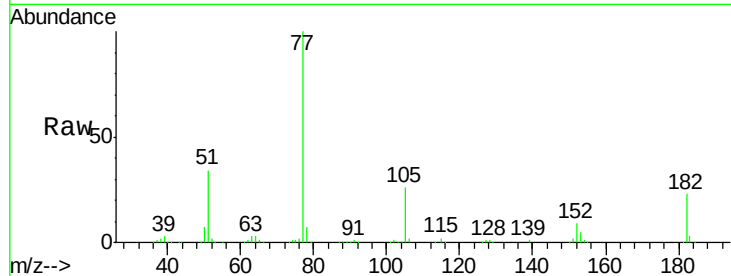
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	77	Resp:	340476
Ion	Ratio	Lower	Upper
77	100		
182	23.3	0.1	40.1
105	26.3	3.6	43.6
51	33.6	9.4	49.4

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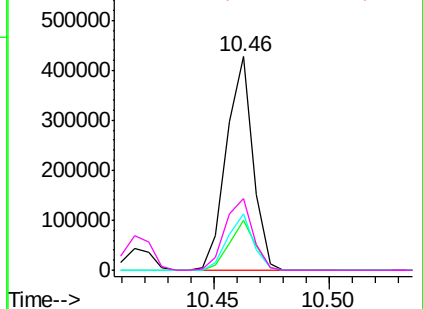


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

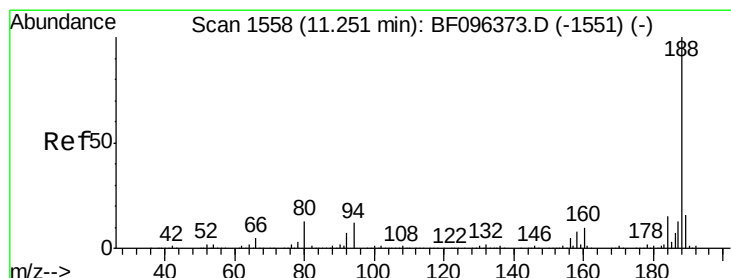
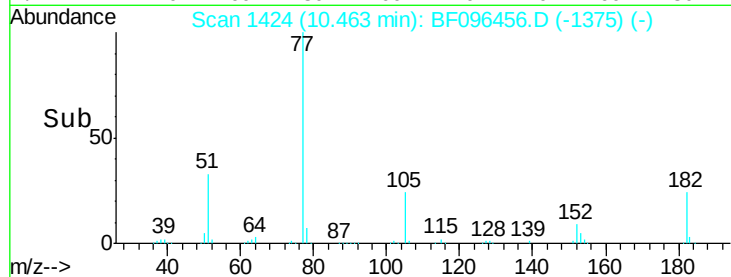
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.000 ng

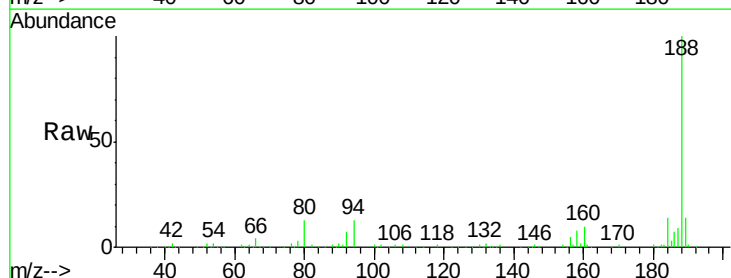
RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

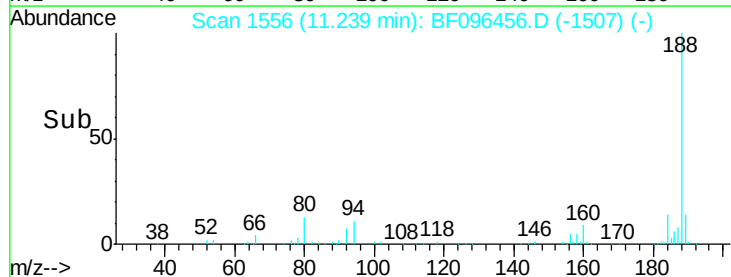
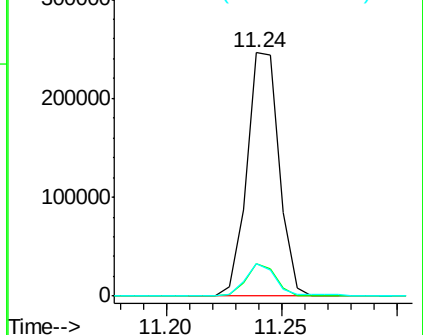
Tgt Ion:	188	Resp:	239732
Ion	Ratio	Lower	Upper
188	100		
94	13.5	9.4	14.2
80	13.2	10.2	15.2

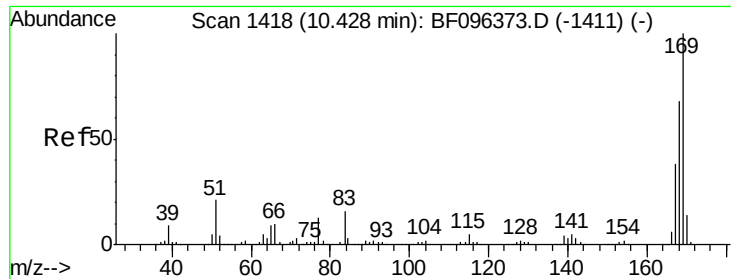


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



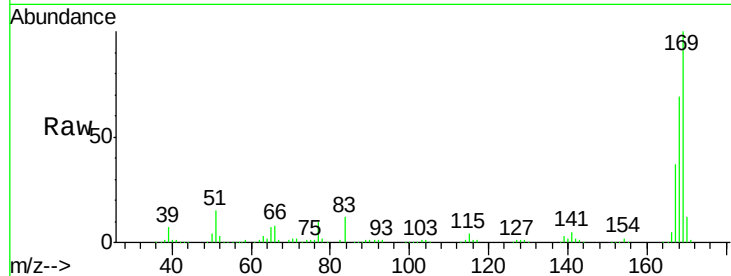


#65
n-Nitrosodiphenylamine
Concen: 39.120 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

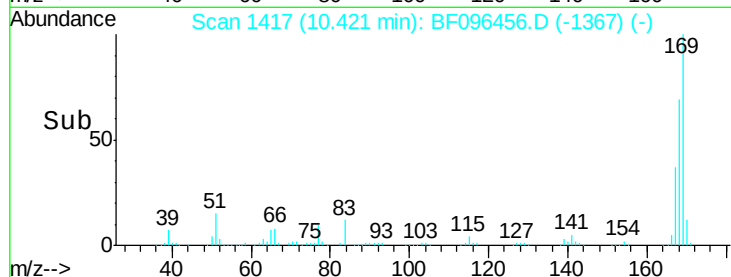
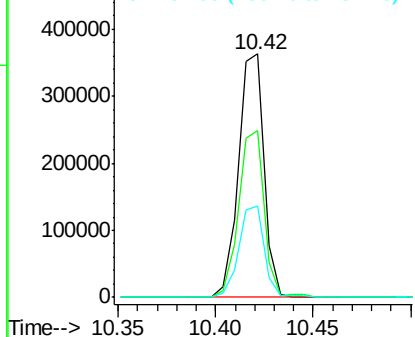
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.2	79.8
167	37.4	29.5	44.3

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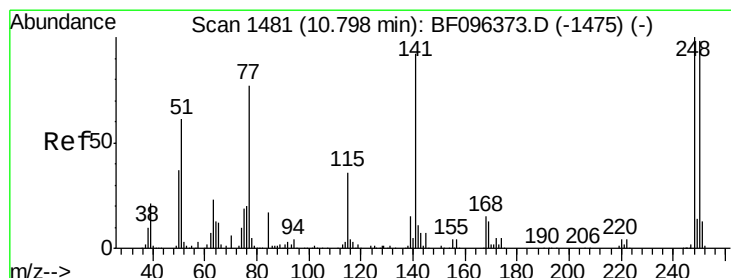


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



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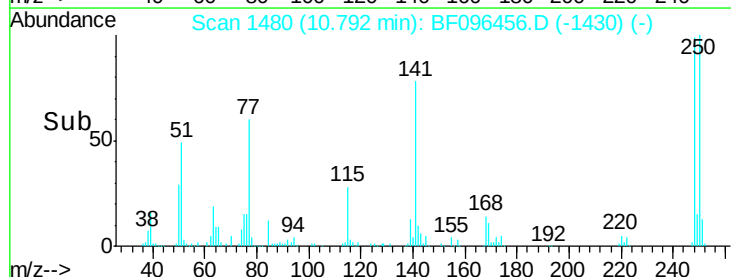
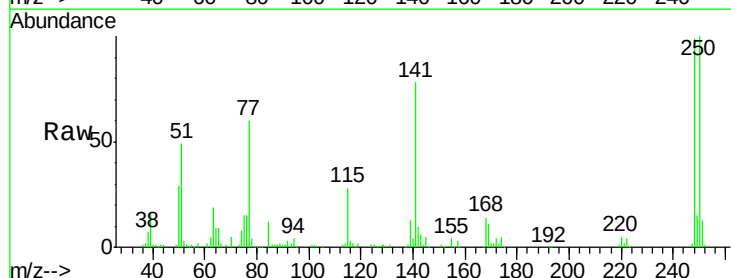
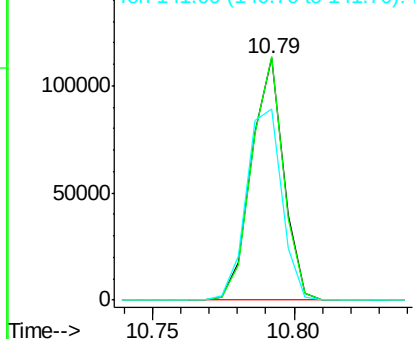
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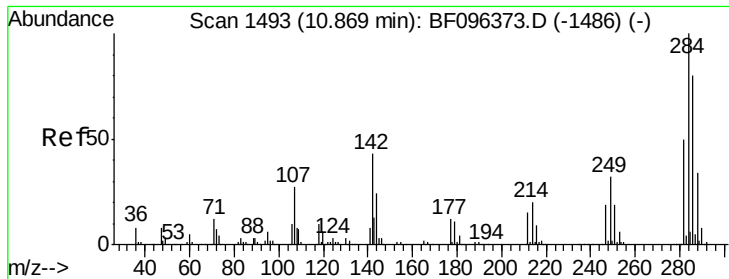


#66
4-Bromophenyl-phenylether
Concen: 38.279 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.6	76.8	115.2
141	78.8	68.6	103.0

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





#67

Hexachlorobenzene

Concen: 40.351 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

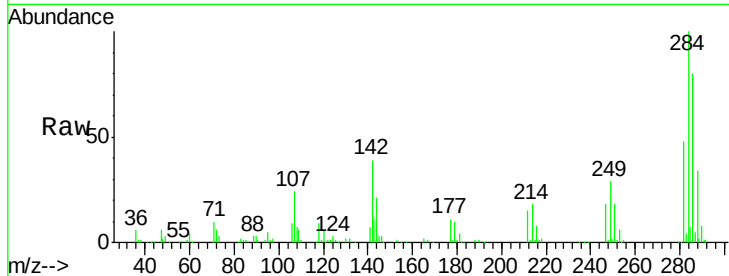
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	103084		
142	39.2	22.8	34.2#	
249	28.9	24.0	36.0	

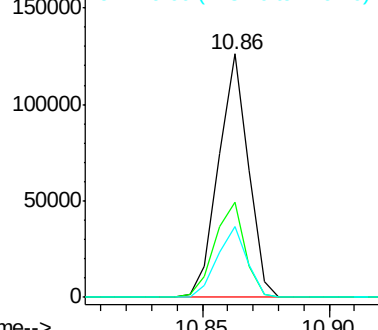
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Abundance Ion 283.80 (283.50 to 284.50): E

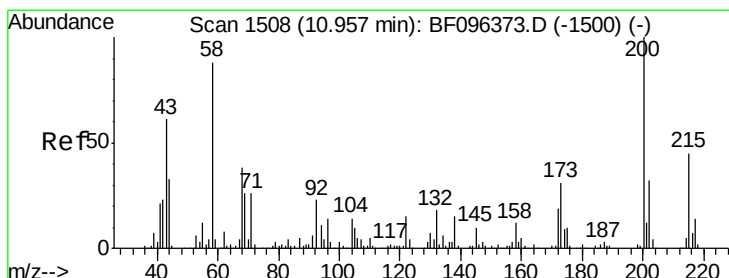
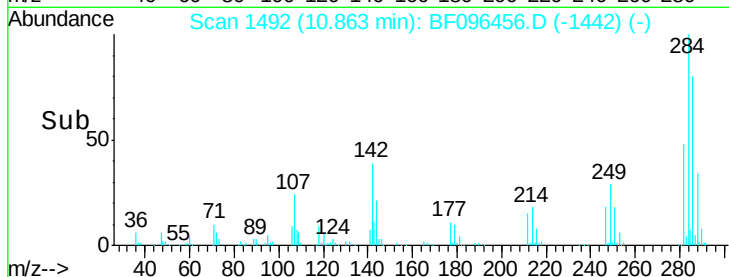
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



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#68

Atrazine

Concen: 31.903 ng

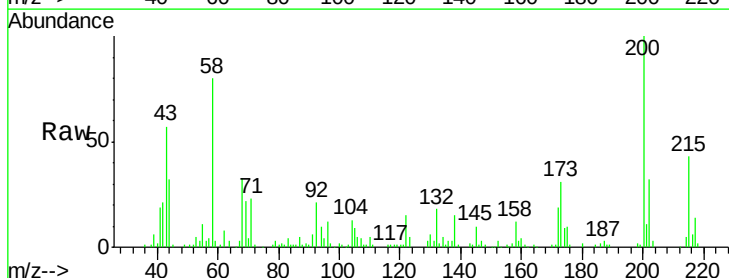
RT: 10.94 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

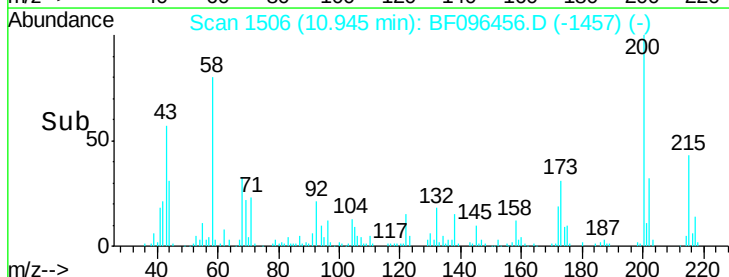
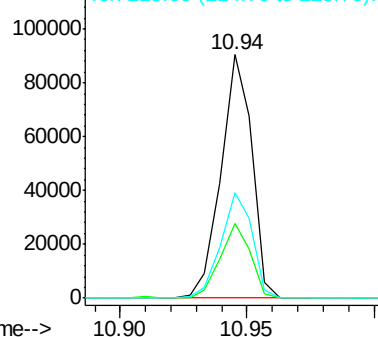
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	76664		
173	30.6	6.3	46.3	
215	43.3	27.2	67.2	

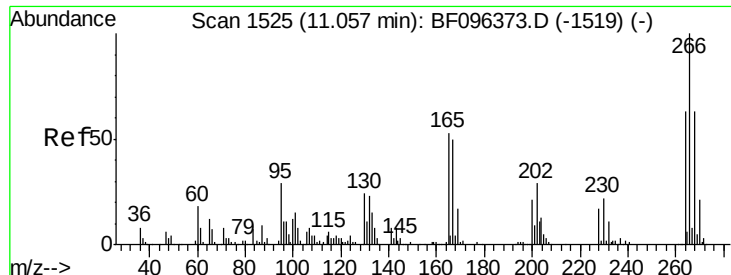


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 34.402 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

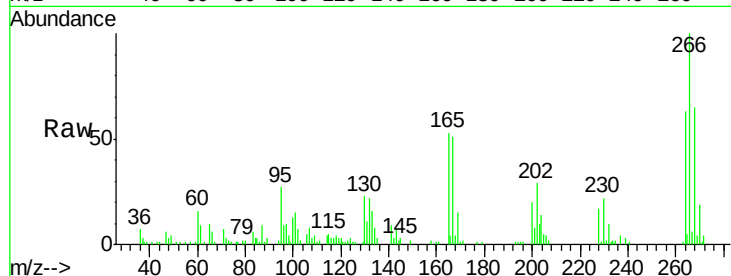
BNA_F

ClientSampleId :

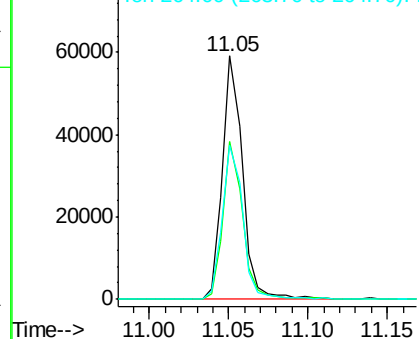
SSTDCCC040

Tgt Ion:	266	Resp:	52087
Ion Ratio	Lower	Upper	
266	100		
268	64.7	51.1	76.7
264	63.1	51.7	77.5

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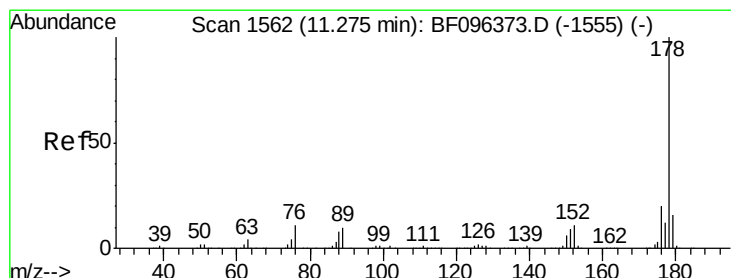
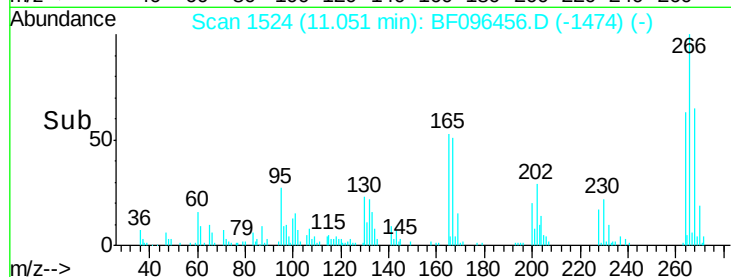


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



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#70

Phenanthrene

Concen: 40.160 ng

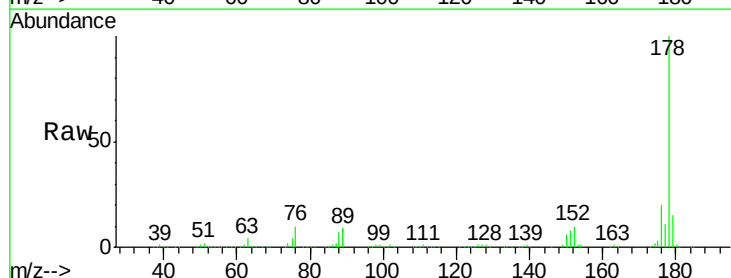
RT: 11.27 min Scan# 1561

Delta R.T. -0.01 min

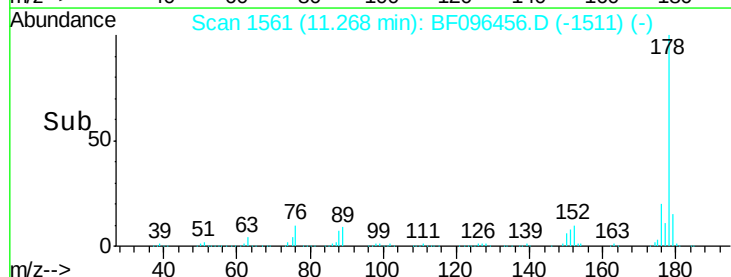
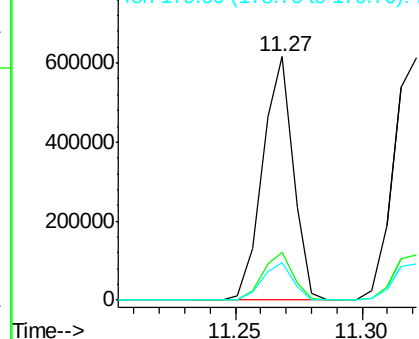
Lab File: BF096456.D

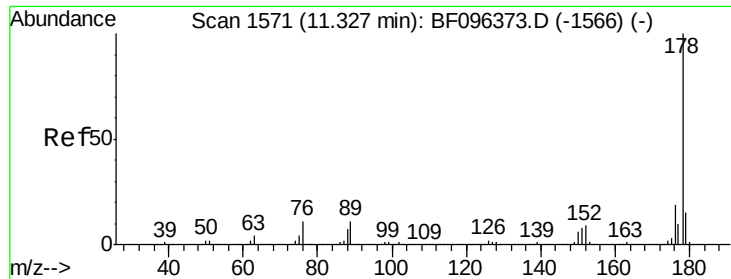
Acq: 3 Jul 2017 23:34

Tgt Ion:	178	Resp:	520451
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.2	24.4
179	15.4	12.6	19.0



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



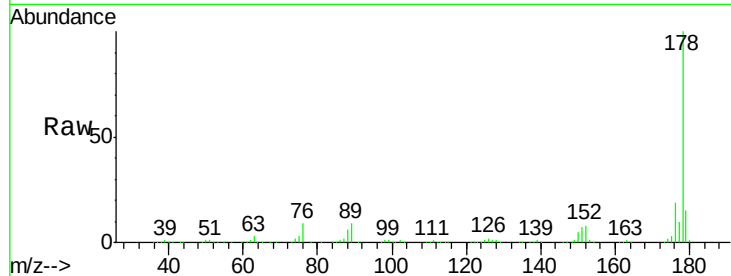


#71
 Anthracene
 Concen: 41.471 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

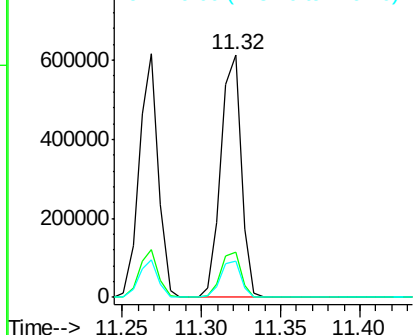
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	14.8	12.7	19.1

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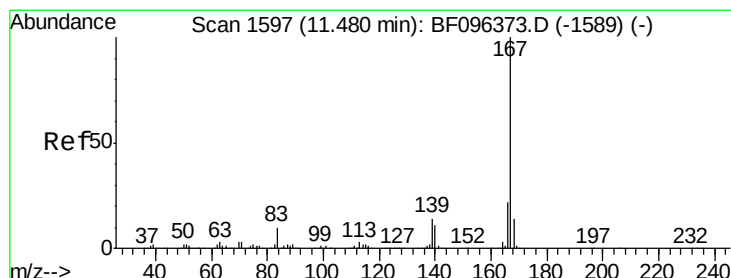
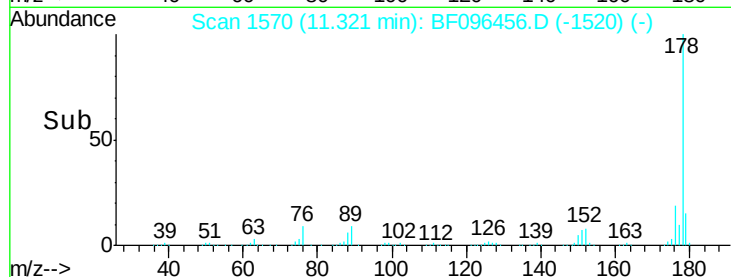


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



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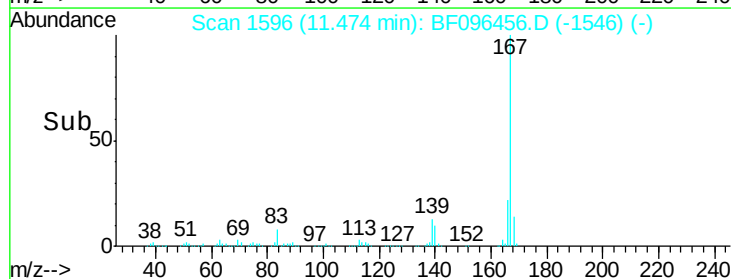
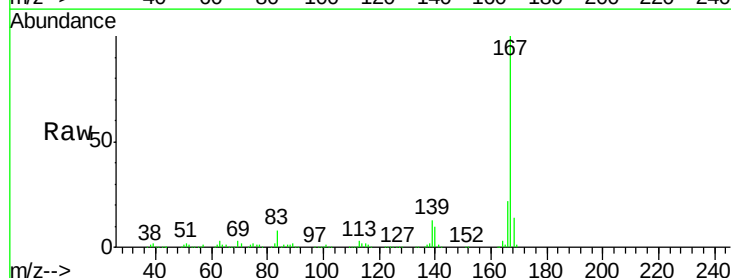
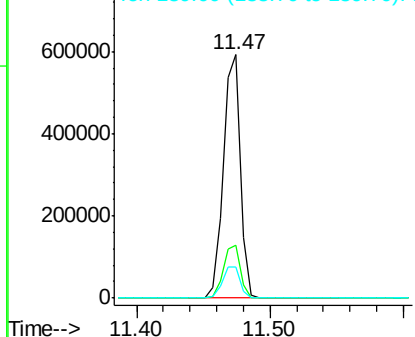
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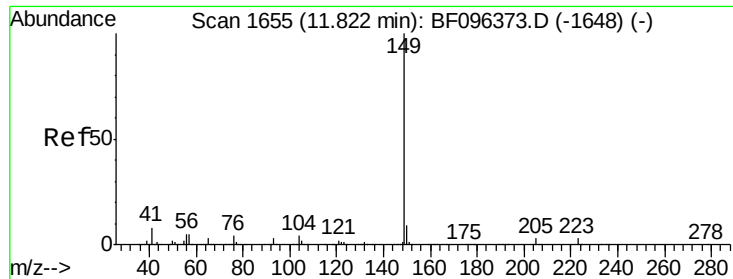


#72
 Carbazole
 Concen: 40.231 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	12.9	11.7	17.5

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: 35.965 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

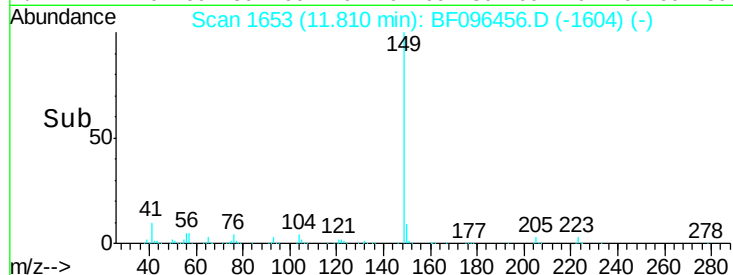
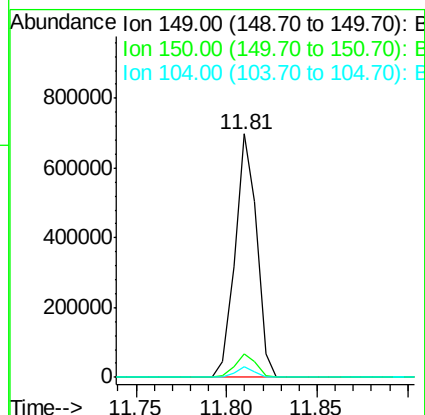
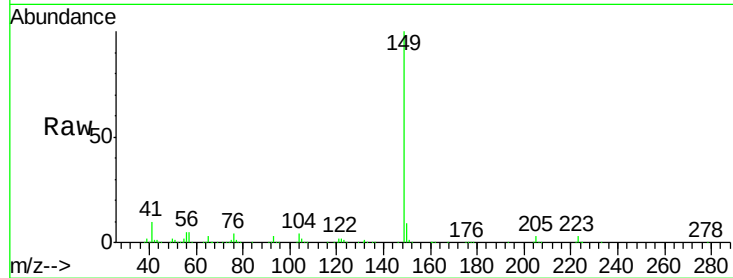
BNA_F

ClientSampleId :

SSTDCCC040

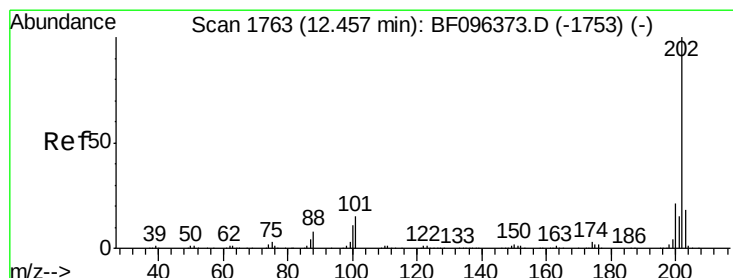
Tgt Ion:	149	Resp:	578539
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	4.2	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 44.084 ng

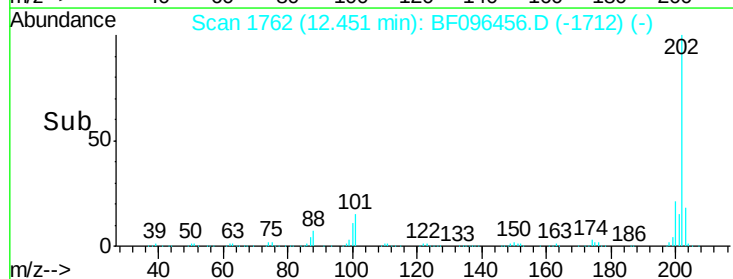
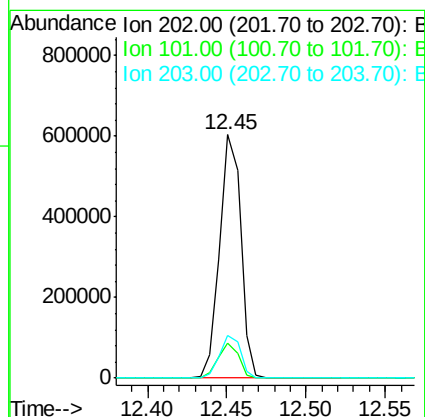
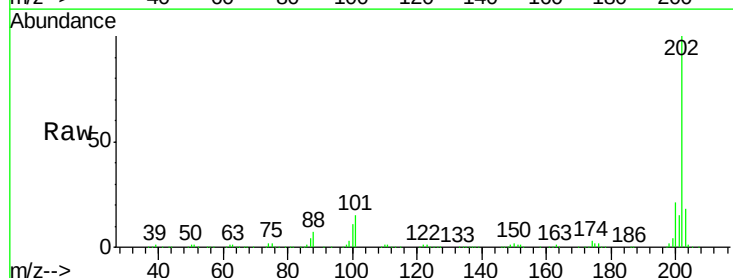
RT: 12.45 min Scan# 1762

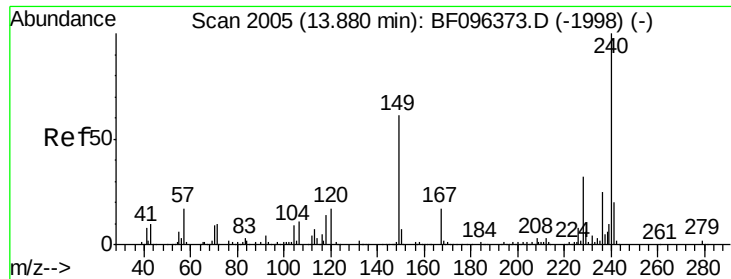
Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Tgt Ion:	202	Resp:	560131
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

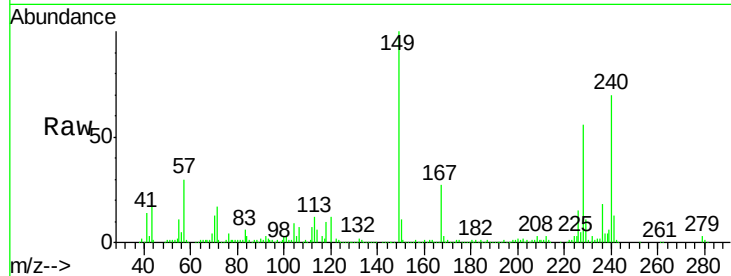
BNA_F

ClientSampleId :

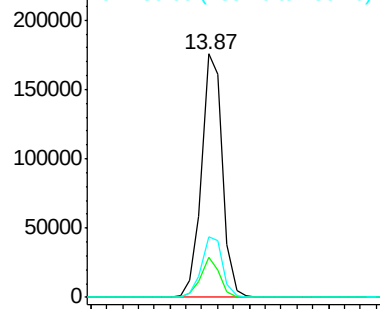
SSTDCCC040

Tgt Ion:240 Resp: 160789
 Ion Ratio Lower Upper
 240 100
 120 16.3 5.8 8.8#
 236 25.0 20.5 30.7

Manual Integrations
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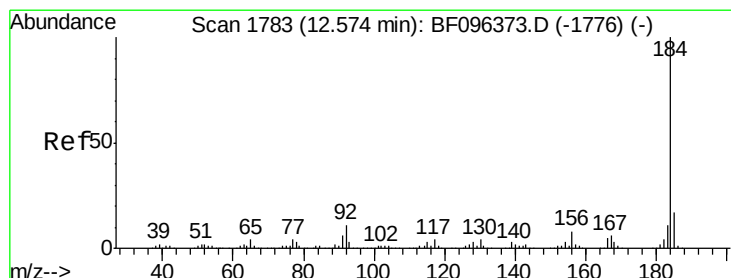
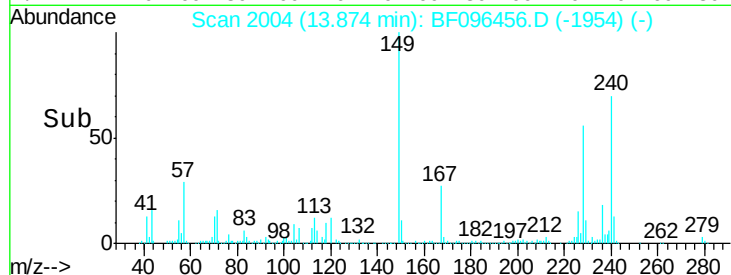


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



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#76

Benzidine

Concen: 48.831 ng

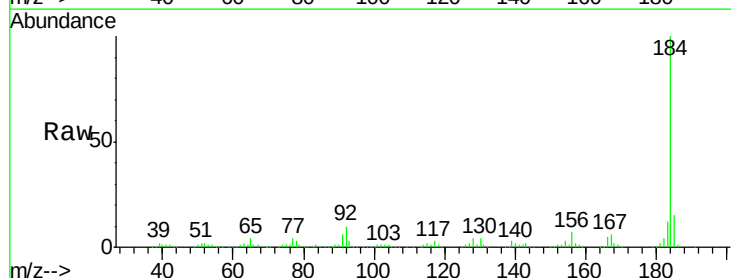
RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

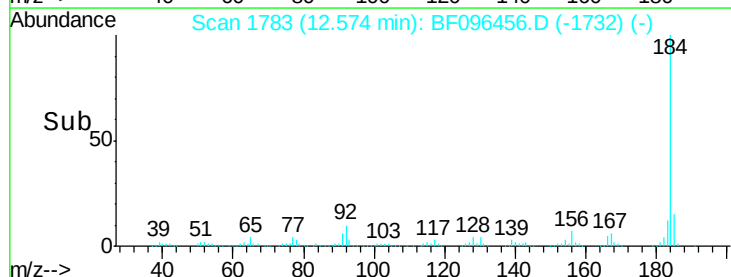
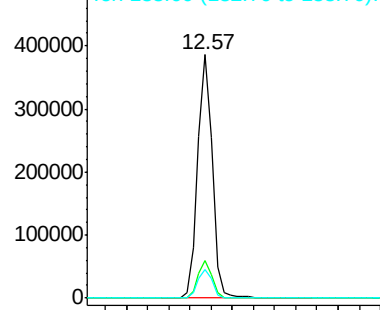
Lab File: BF096456.D

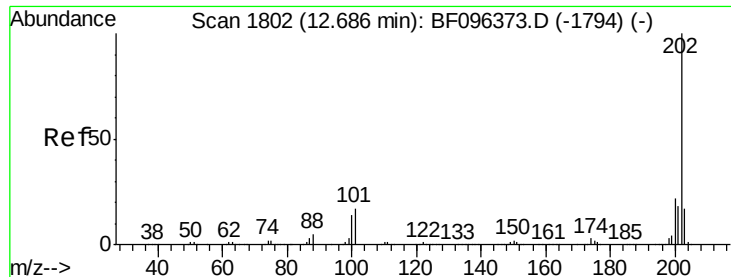
Acq: 3 Jul 2017 23:34

Tgt Ion:184 Resp: 376738
 Ion Ratio Lower Upper
 184 100
 185 15.4 15.5 23.3#
 183 12.0 9.8 14.6



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



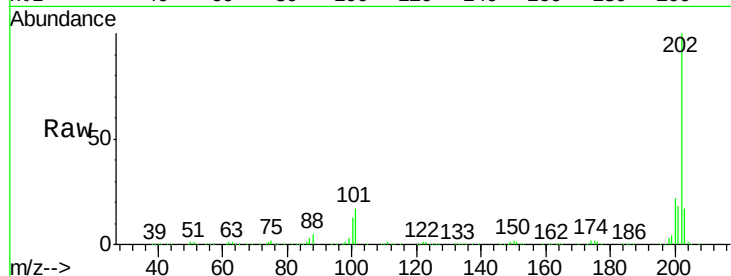


#77
Pyrene
 Concen: 45.224 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

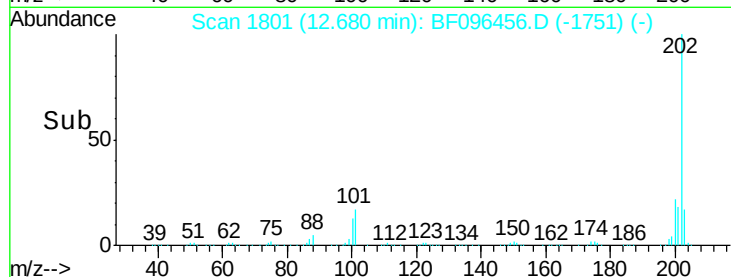
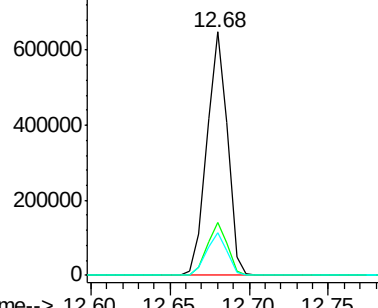
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.3	14.4	21.6

Manual Integrations
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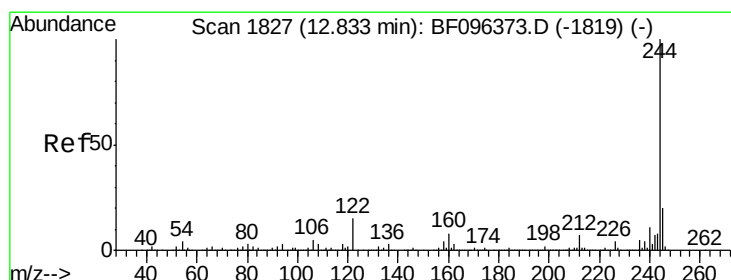


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



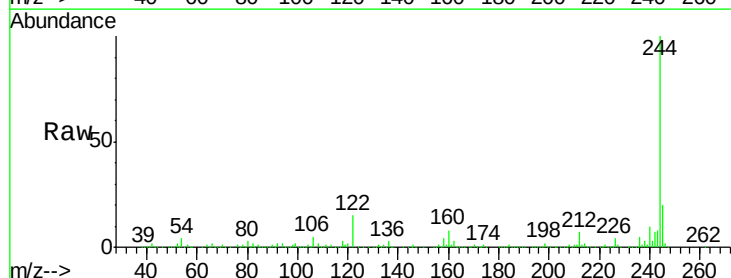
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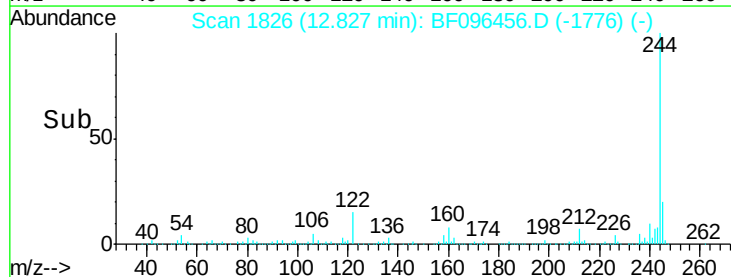
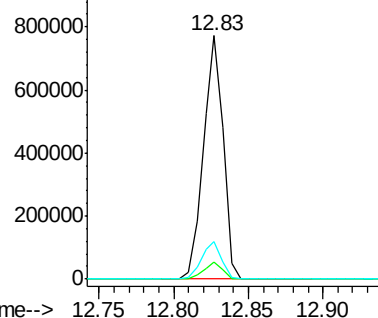


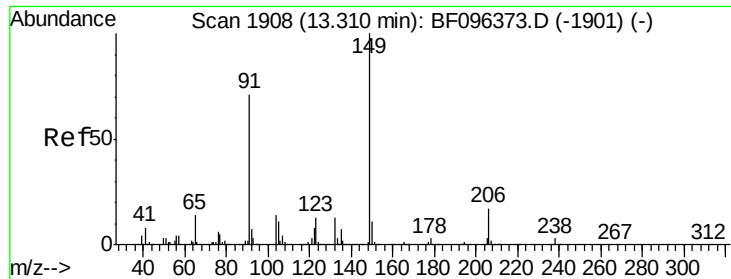
#78
Terphenyl-d14
 Concen: 95.710 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	15.5	10.3	15.5



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



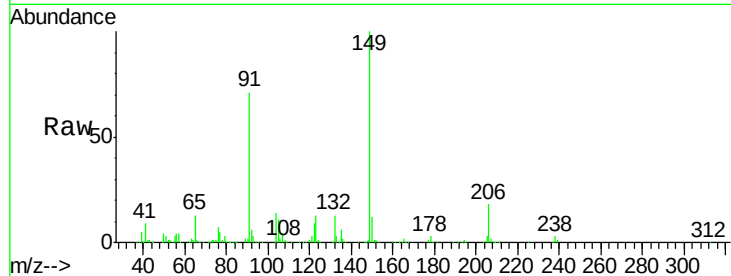


#79
Butylbenzylphthalate
Concen: 44.864 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

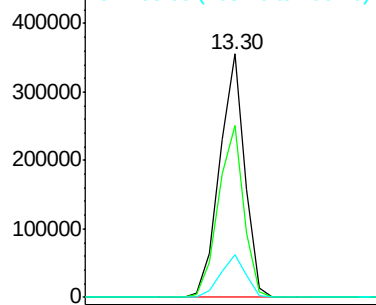
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	293105		
91	70.9	45.0	67.4#	
206	17.7	17.0	25.6	

Manual Integrations
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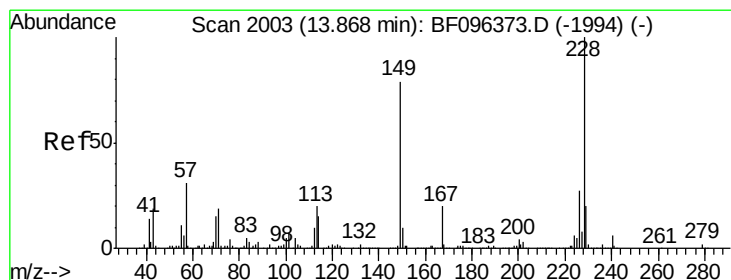
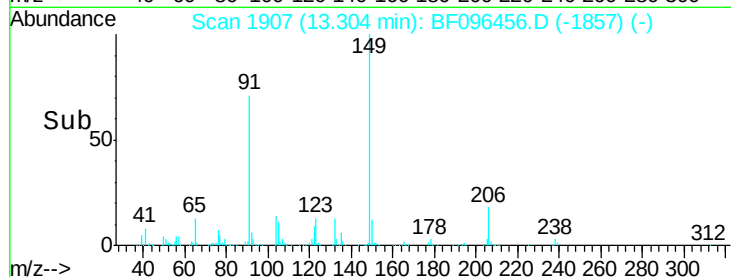


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



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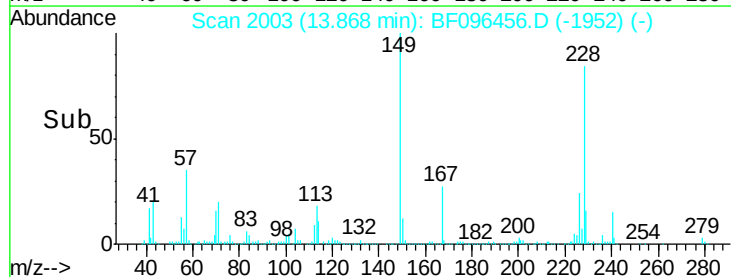
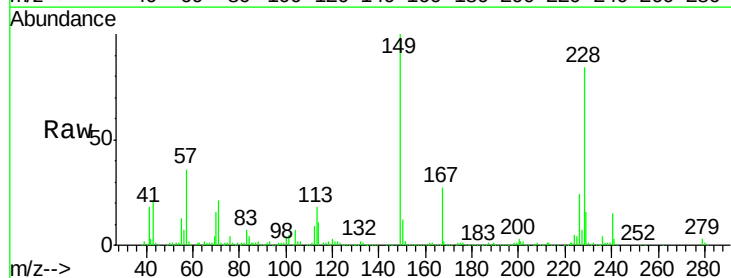
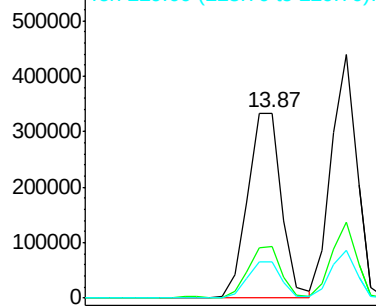
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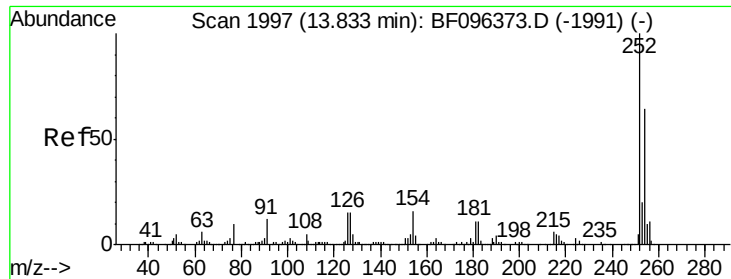


#80
Benzo(a)anthracene
Concen: 39.962 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	372087		
226	28.0	22.6	33.8	
229	19.3	16.3	24.5	

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



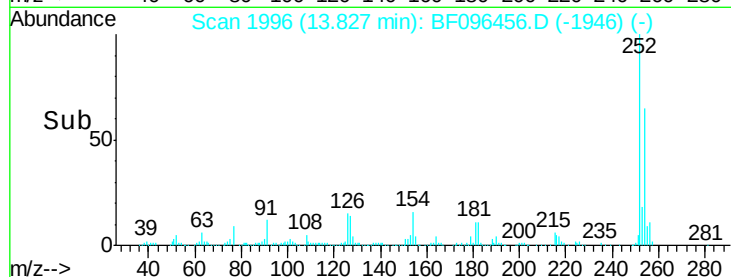
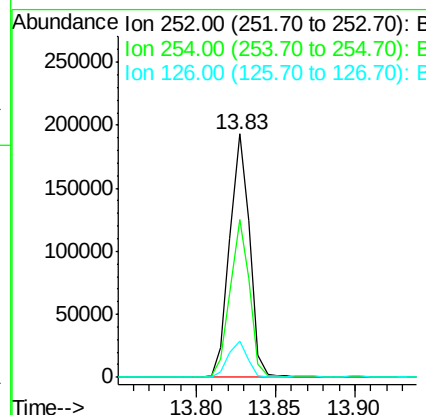
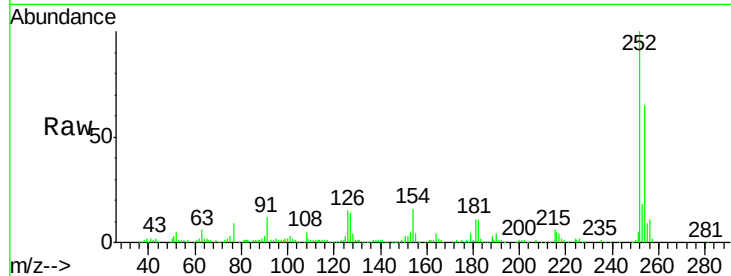


#81
 3,3'-Dichlorobenzidine
 Concen: 44.017 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

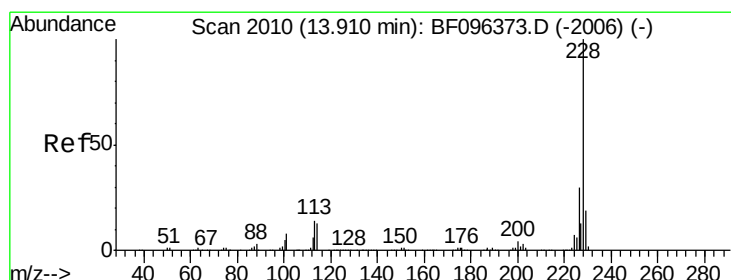
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.5	77.3
126	14.6	15.8	23.8

Manual Integrations
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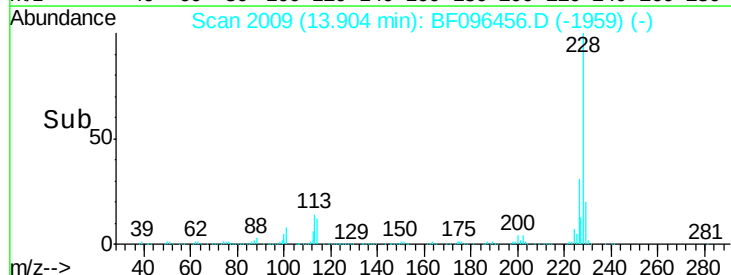
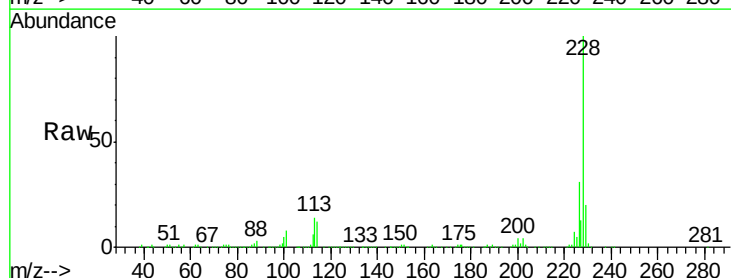
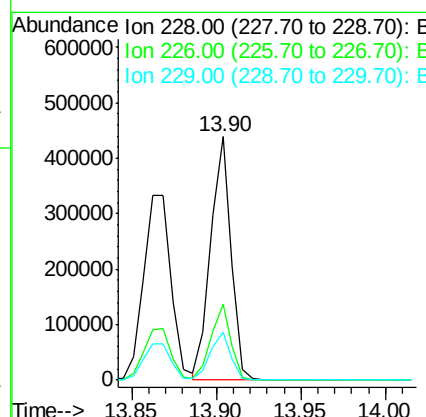
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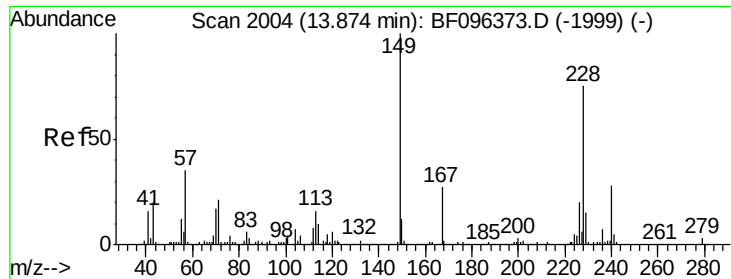
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#82
 Chrysene
 Concen: 38.103 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.8	15.8	23.6



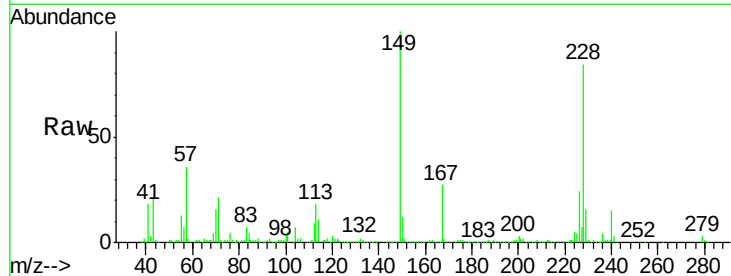


#83
Bis(2-ethylhexyl)phthalate
Concen: 47.723 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

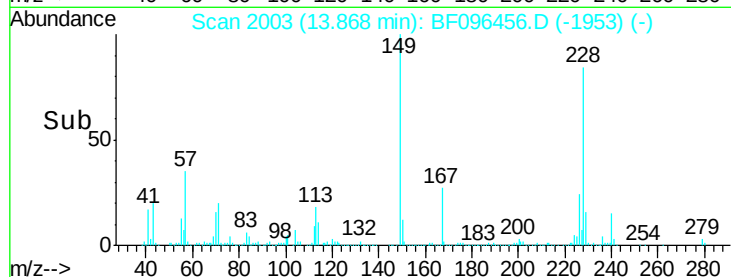
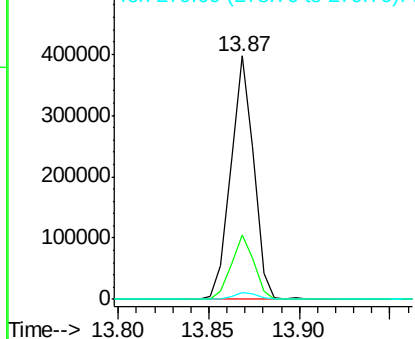
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	348029		
167	26.7	21.0	31.4	
279	2.6	1.9	2.9	

Manual Integrations
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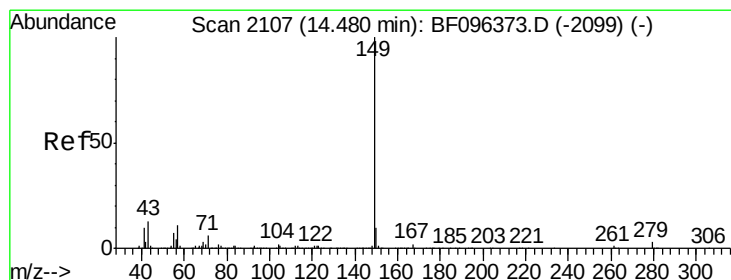


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



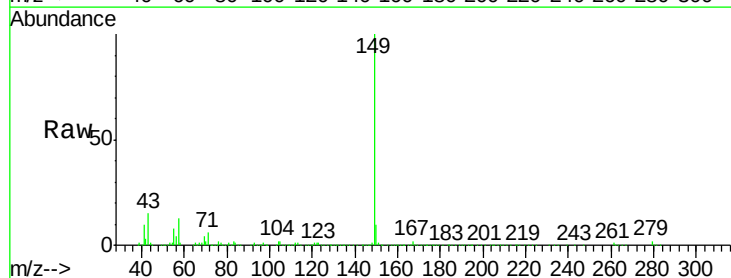
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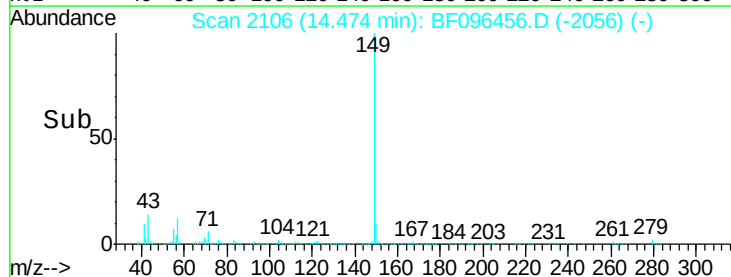
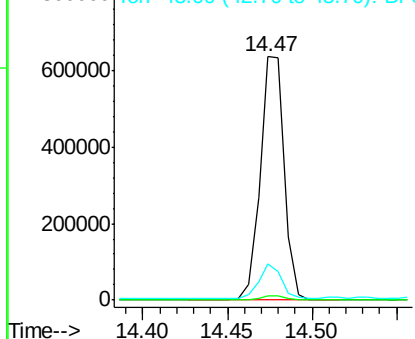


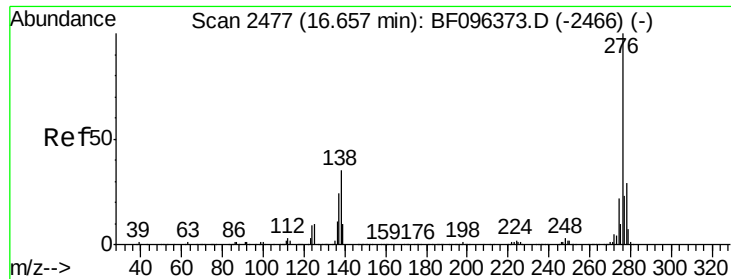
#84
Di-n-octyl phthalate
Concen: 43.249 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	621099		
167	1.5	1.2	1.8	
43	13.2	8.5	12.7#	



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.340 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

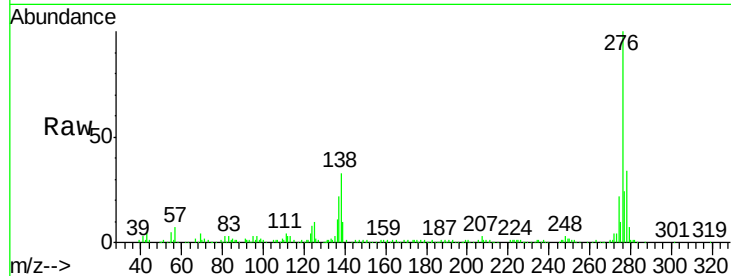
BNA_F

ClientSampleId :

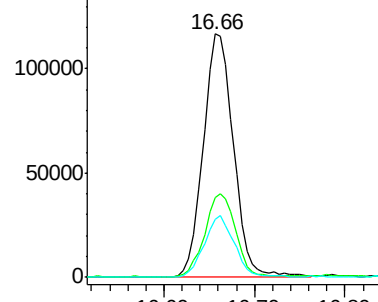
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.4	20.2	30.4

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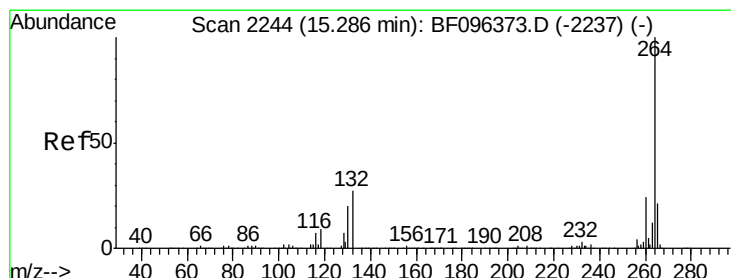
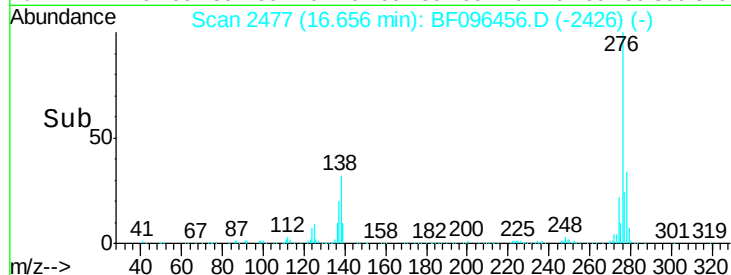


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



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#86

Perylene-d12

Concen: 20.000 ng

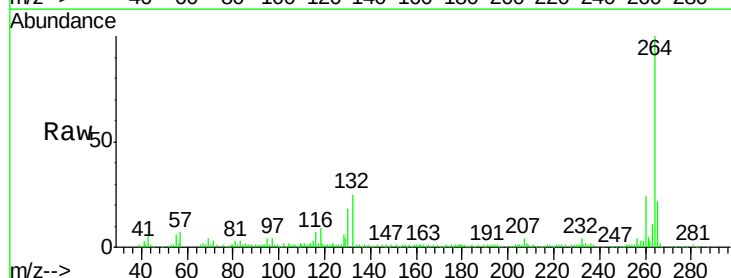
RT: 15.29 min Scan# 2244

Delta R.T. -0.00 min

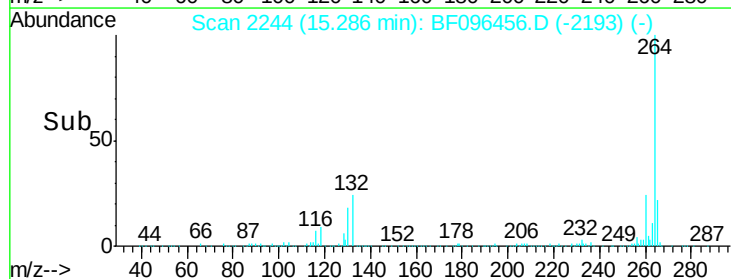
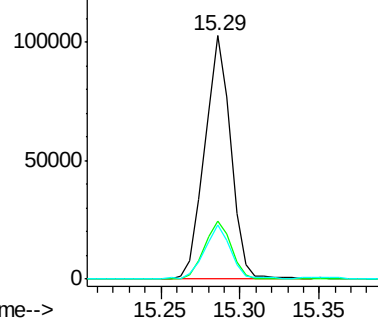
Lab File: BF096456.D

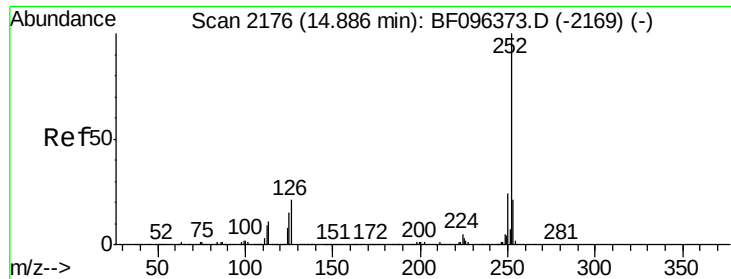
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.5	17.2	25.8



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: 39.090 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Instrument :

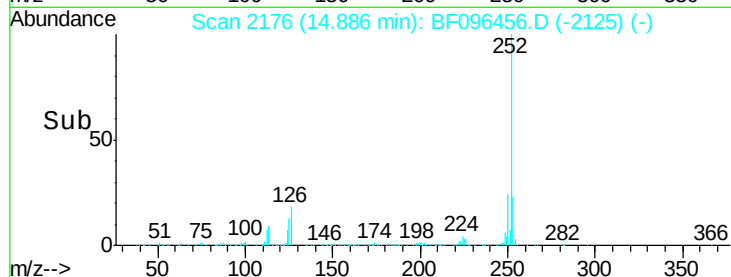
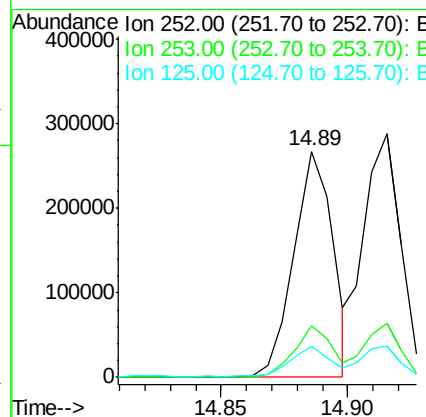
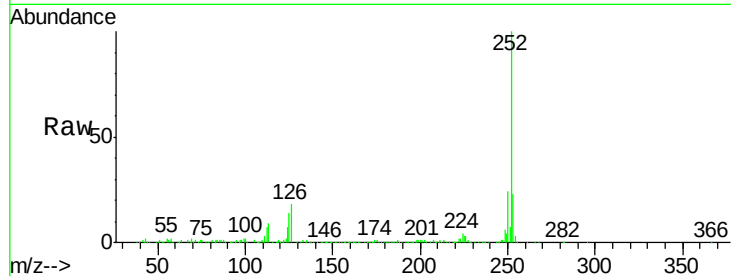
BNA_F

ClientSampleId :

SSTDCCC040

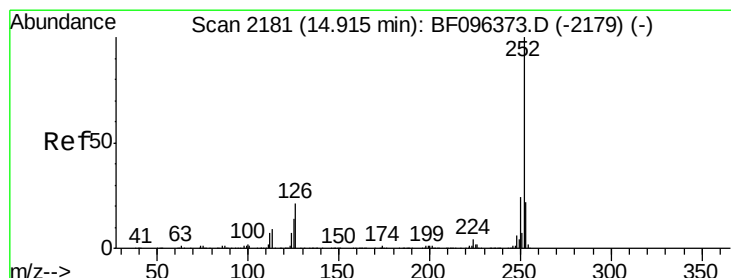
Tgt Ion:	252	Resp:	287713
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.1	27.1
125	13.8	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 44.808 ng m

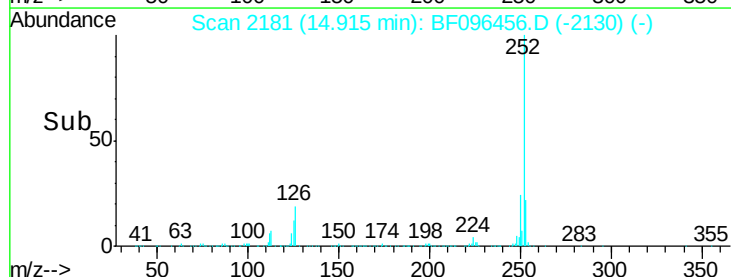
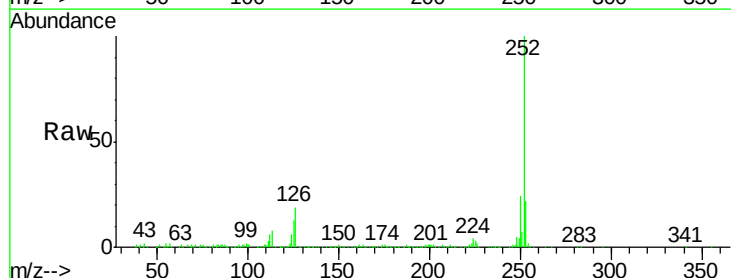
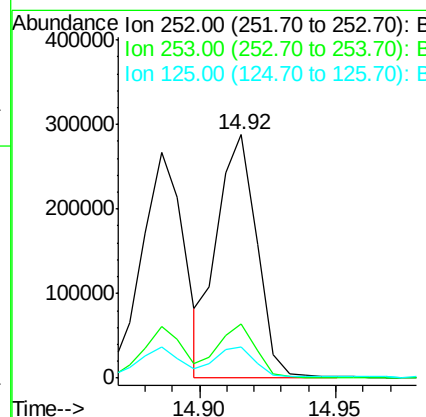
RT: 14.92 min Scan# 2181

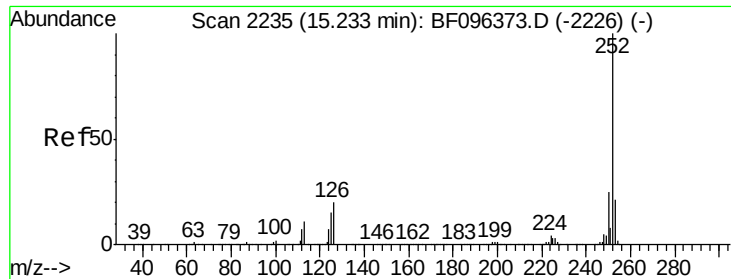
Delta R.T. -0.00 min

Lab File: BF096456.D

Acq: 3 Jul 2017 23:34

Tgt Ion:	252	Resp:	295009
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	12.6	13.1	19.7#



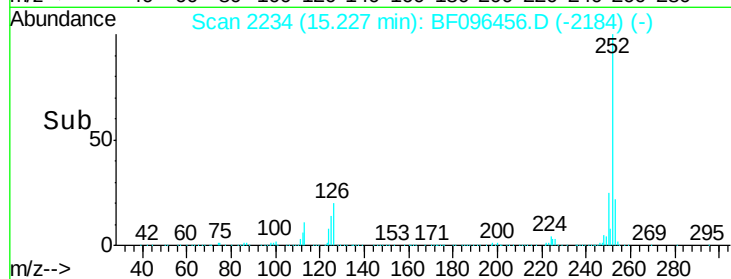
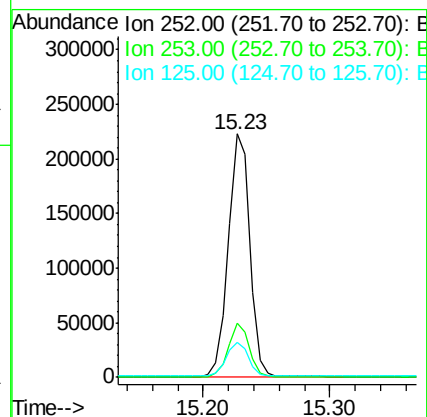
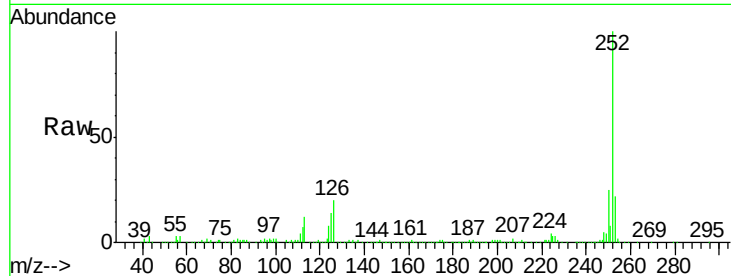


#89
Benzo(a)pyrene
Concen: 40.390 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

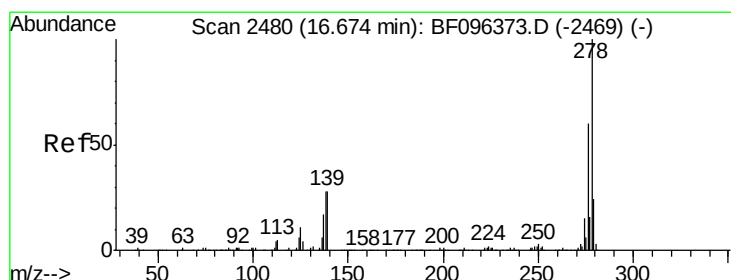
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.4	11.0	16.4

Manual Integrations
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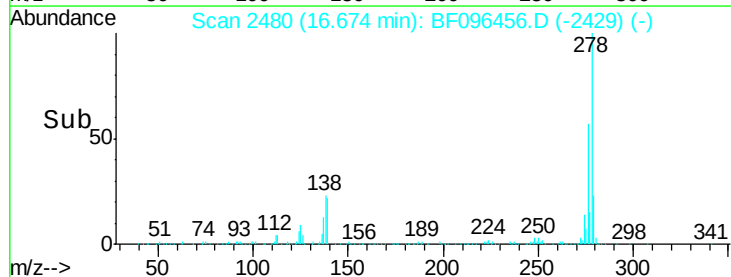
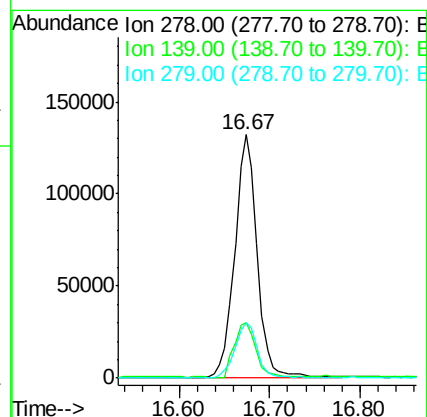
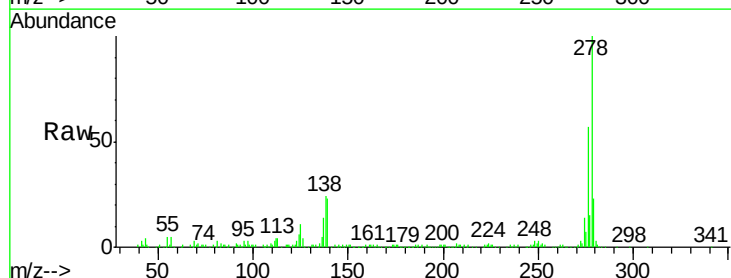
mohammad

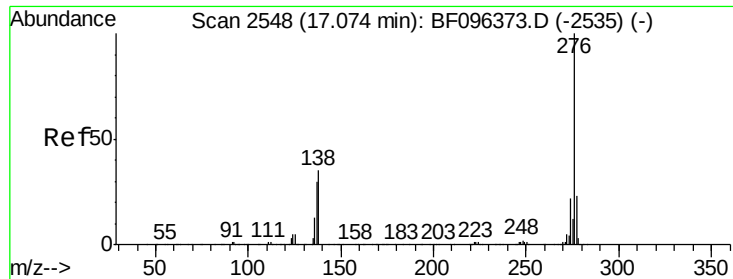
7/5/2017 11:41:55 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.392 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BF096456.D
Acq: 3 Jul 2017 23:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	22.9	19.3	28.9



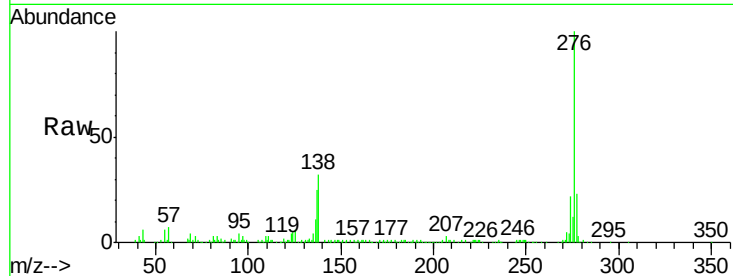


#91
 Benzo(g,h,i)perylene
 Concen: 41.842 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BF096456.D
 Acq: 3 Jul 2017 23:34

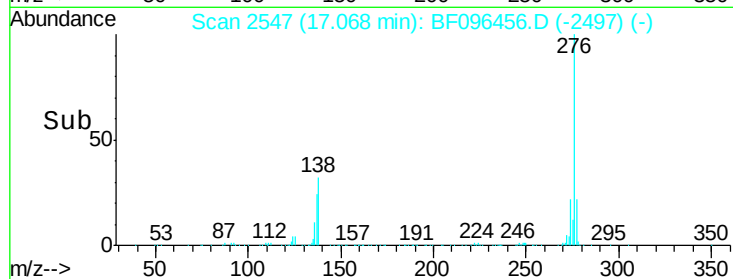
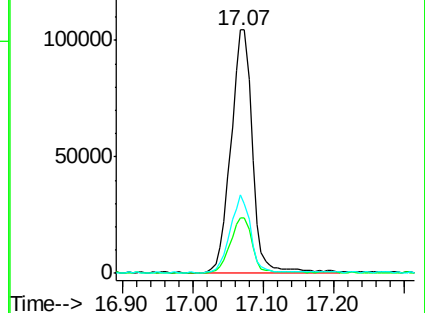
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	22.6	18.6	28.0
138	32.0	25.4	38.0

Manual Integrations
 APPROVED



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



mohammad

7/5/2017 11:41:55 AM