

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
 Data File : BF097001.D
 Acq On : 24 Jul 2017 22:42
 Operator : SJ/JU
 Sample : I4360-11MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Manual Integrations
 APPROVED

Sohil

7/25/2017 5:36:24 PM

Quant Time: Jul 25 03:09:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	115711	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	444924	20.00	ng	-0.03
38) Acenaphthene-d10	9.55	164	221230	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	401463	20.00	ng	-0.04
75) Chrysene-d12	13.65	240	220156	20.00	ng	-0.04
86) Perylene-d12	14.99	264	185659	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	920597	119.63	ng	-0.02
7) Phenol-d6	6.19	99	1074603	116.36	ng	-0.03
23) Nitrobenzene-d5	7.09	82	614638	85.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	209917	111.16	ng	-0.03
44) 2-Fluorobiphenyl	8.87	172	1091841	77.97	ng	-0.04
78) Terphenyl-d14	12.60	244	809978	63.81	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	107597	27.172	ng	# 76
3) Pyridine	2.80	79	23491	2.823	ng	# 83
4) n-Nitrosodimethylamine	2.66	42	221603	47.617	ng	# 84
6) Aniline	6.17	93	237762	20.901	ng	# 81
8) 2-Chlorophenol	6.30	128	331014	39.871	ng	# 91
9) Benzaldehyde	6.06	77	124417	23.309	ng	# 98
10) Phenol	6.20	94	430640	41.250	ng	# 93
11) bis(2-Chloroethyl)ether	6.26	93	337950	43.047	ng	# 93
12) 1,3-Dichlorobenzene	6.46	146	342228	38.780	ng	# 99
13) 1,4-Dichlorobenzene	6.53	146	339553	37.994	ng	# 97
14) 1,2-Dichlorobenzene	6.69	146	298695	36.746	ng	# 97
15) Benzyl Alcohol	6.67	79	232361	38.431	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.80	45	588640	36.332	ng	# 65
17) 2-Methylphenol	6.80	107	239132	37.040	ng	# 90
18) Hexachloroethane	7.02	117	115858	36.560	ng	# 78
19) n-Nitroso-di-n-propylamine	6.95	70	212162	38.133	ng	# 85
20) 3+4-Methylphenols	6.96	107	326334	41.655	ng	# 64
22) Acetophenone	6.93	105	425747	42.814	ng	# 96
24) Nitrobenzene	7.10	77	309786	41.700	ng	# 93
25) Isophorone	7.35	82	570262	42.676	ng	# 97
26) 2-Nitrophenol	7.42	139	170972	41.390	ng	# 91
27) 2,4-Dimethylphenol	7.48	122	281450	41.416	ng	# 94
28) bis(2-Chloroethoxy)methane	7.56	93	381367	42.236	ng	# 99
29) 2,4-Dichlorophenol	7.67	162	257783	41.906	ng	# 95
30) 1,2,4-Trichlorobenzene	7.75	180	234919	40.166	ng	# 99
31) Naphthalene	7.82	128	877637	41.640	ng	# 99
32) Benzoic acid	7.62	122	136989	31.539	ng	# 93
33) 4-Chloroaniline	7.87	127	290601	34.800	ng	# 98
34) Hexachlorobutadiene	7.95	225	120548	38.609	ng	# 98
35) Caprolactam	8.25	113	87155m	44.218	ng	# 99
36) 4-Chloro-3-methylphenol	8.38	107	300195	45.386	ng	# 88
37) 2-Methylnaphthalene	8.51	142	611755	45.527	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	216491	36.200	ng	# 99
40) Hexachlorocyclopentadiene	8.67	237	170793	76.187	ng	# 99

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Manual Integrations
 APPROVED

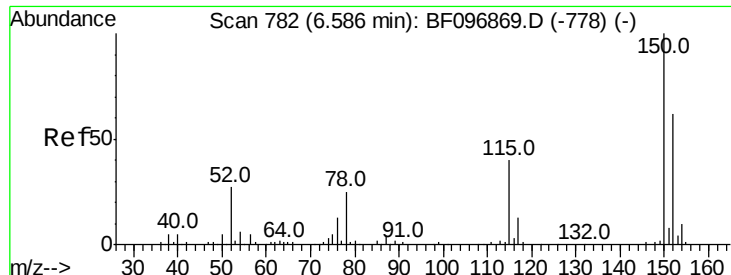
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7/25/2017 5:36:24 PM

Quant Time: Jul 25 03:09:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:37:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	170252	38.594	nq	99
43) 2,4,5-Trichlorophenol	8.85	196	177529	39.903	nq	98
45) 1,1'-Biphenyl	8.97	154	716880	37.783	nq	97
46) 2-Chloronaphthalene	9.00	162	558752	39.993	nq	94
47) 2-Nitroaniline	9.10	65	228549	47.590	nq	98
48) Acenaphthylene	9.41	152	892466	40.091	nq	99
49) Dimethylphthalate	9.29	163	828750	49.751	nq	100
50) 2,6-Dinitrotoluene	9.35	165	157406	43.626	nq #	79
51) Acenaphthene	9.58	154	513612	39.057	nq	100
52) 3-Nitroaniline	9.51	138	164586	38.506	nq	98
53) 2,4-Dinitrophenol	9.63	184	119690	68.092	nq #	77
54) Dibenzofuran	9.75	168	735792	39.928	nq	98
55) 4-Nitrophenol	9.70	139	233245	74.693	nq #	63
56) 2,4-Dinitrotoluene	9.75	165	180615	38.956	nq #	59
57) Fluorene	10.09	166	549198	40.330	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.88	232	142173	46.078	nq	98
59) Diethylphthalate	9.99	149	697311	43.000	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	227428	38.876	nq	95
61) 4-Nitroaniline	10.12	138	194776	48.526	nq	90
62) Azobenzene	10.25	77	637315	44.549	nq	94
64) 4,6-Dinitro-2-methylphenol	10.16	198	98200	38.959	nq	90
65) n-Nitrosodiphenylamine	10.21	169	514094	35.824	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	147201	35.913	nq	99
67) Hexachlorobenzene	10.64	284	159077	34.846	nq #	88
68) Atrazine	10.75	200	164617	40.263	nq	95
69) Pentachlorophenol	10.84	266	132074	59.888	nq	98
70) Phenanthrene	11.05	178	883654	40.481	nq	99
71) Anthracene	11.10	178	891327	40.385	nq	98
72) Carbazole	11.26	167	863760	40.414	nq	99
73) Di-n-butylphthalate	11.60	149	958424	36.007	nq	99
74) Fluoranthene	12.23	202	791414	37.877	nq	98
77) Pyrene	12.45	202	815203	40.800	nq	99
79) Butylbenzylphthalate	13.08	149	393369	41.436	nq #	78
80) Benzo(a)anthracene	13.63	228	584825	42.634	nq	99
81) 3,3'-Dichlorobenzidine	13.60	252	148827	30.171	nq #	96
82) Chrysene	13.67	228	554145	41.035	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	491983	42.555	nq	98
84) Di-n-octyl phthalate	14.26	149	803043	42.021	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.23	276	462887	37.193	nq	98
87) Benzo(b)fluoranthene	14.63	252	473778	42.312	nq	97
88) Benzo(k)fluoranthene	14.66	252	427436	40.312	nq	96
89) Benzo(a)pyrene	14.94	252	427152	41.592	nq	99
90) Dibenzo(a,h)anthracene	16.24	278	379504	40.159	nq	95
91) Benzo(g,h,i)perylene	16.60	276	405669	40.088	nq	98

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.52 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

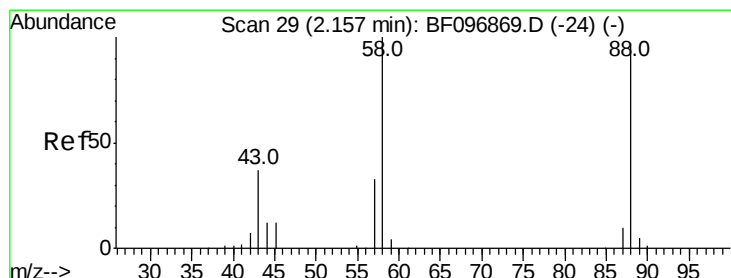
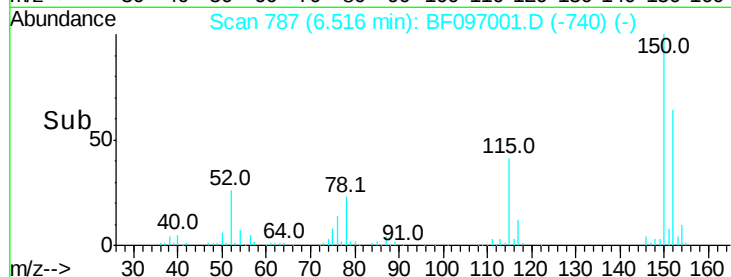
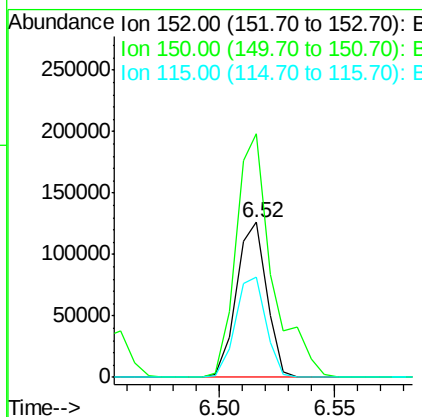
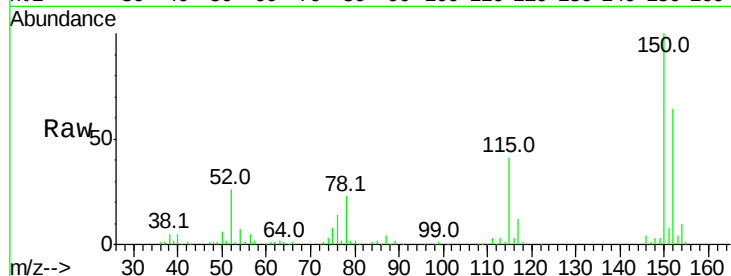
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	64.7	52.2	78.2

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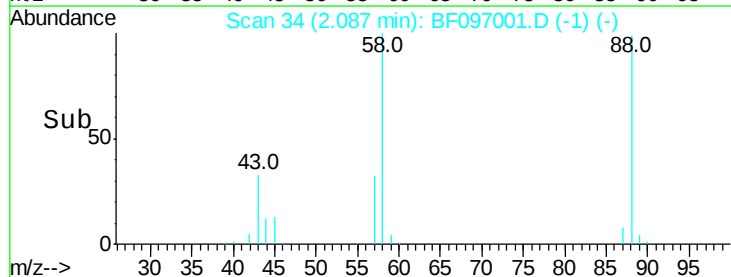
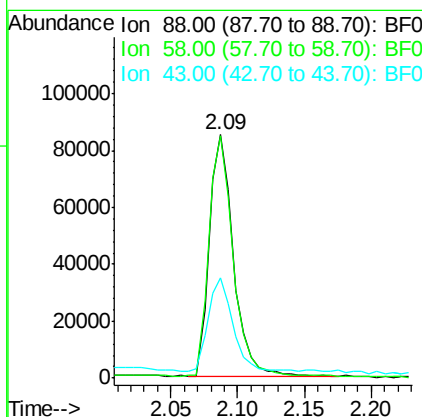
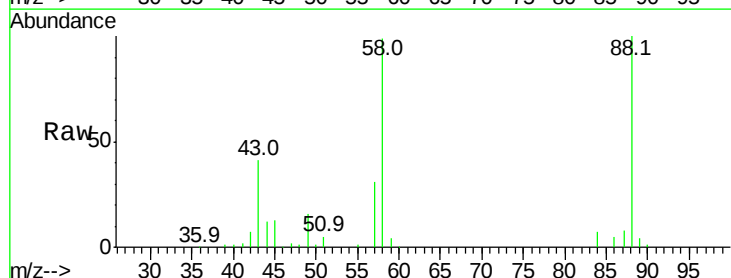
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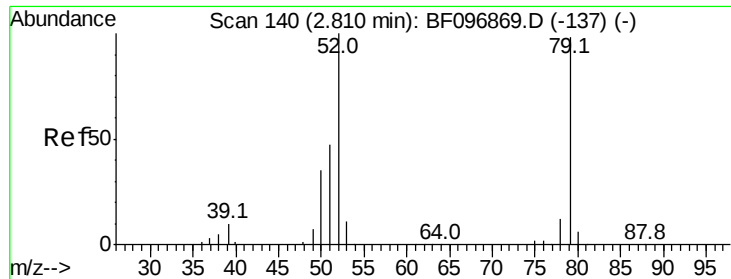


#2

1,4-Dioxane
Concen: 27.172 ng
RT: 2.09 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.3	61.4	92.0#
43	39.3	23.4	35.0#





#3

Pvridine

Concen: 2.823 ng

RT: 2.80 min Scan# 155

Delta R.T. 0.08 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

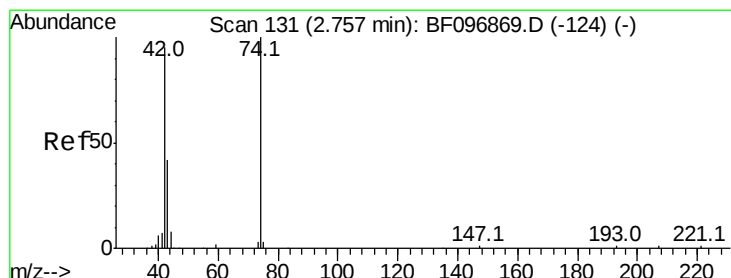
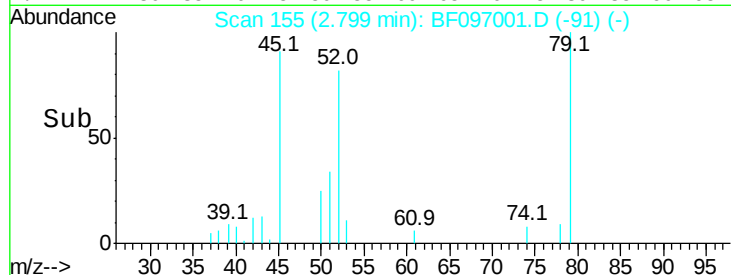
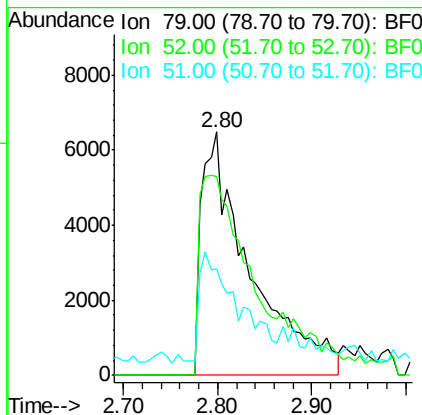
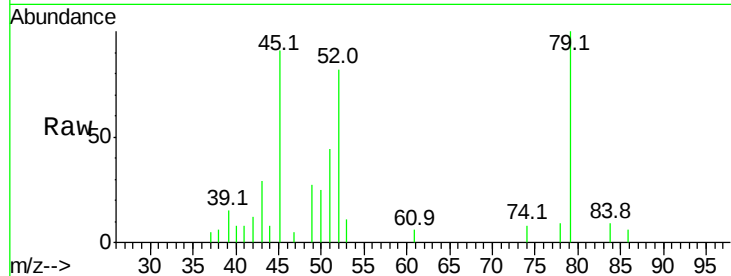
295-N-1-(0-2)MS

Tot Ion:	79	Resp:	23491
Ion Ratio	Lower	Upper	
79	100		
52	81.9	54.8	82.2
51	44.0	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 47.617 ng

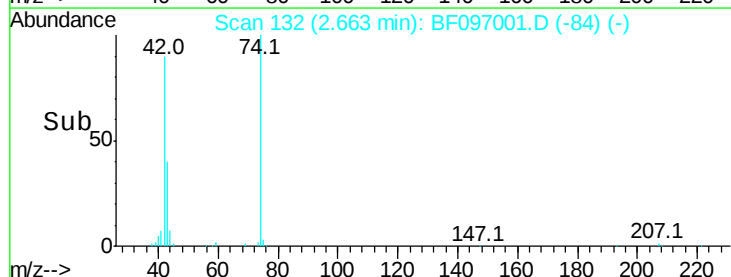
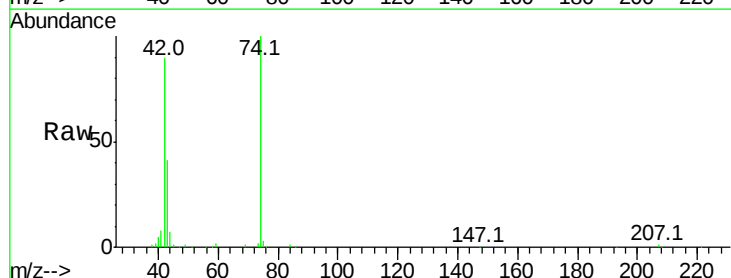
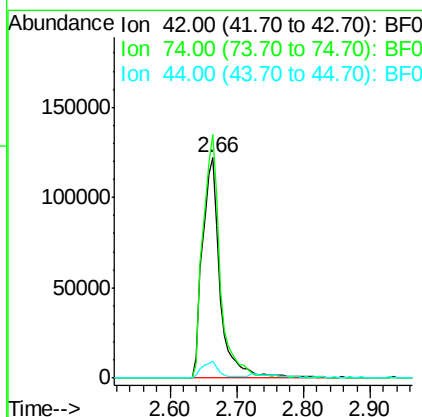
RT: 2.66 min Scan# 132

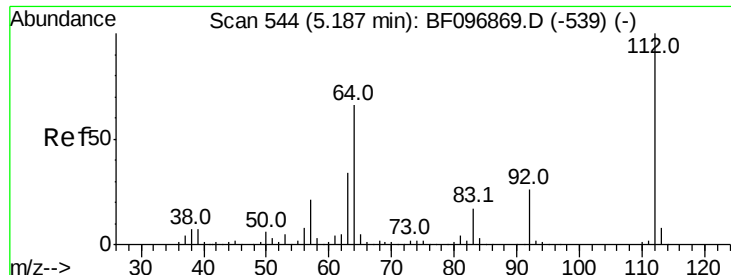
Delta R.T. -0.02 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Tgt Ion:	42	Resp:	221603
Ion Ratio	Lower	Upper	
42	100		
74	110.5	103.9	155.9
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 119.625 ng

RT: 5.13 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

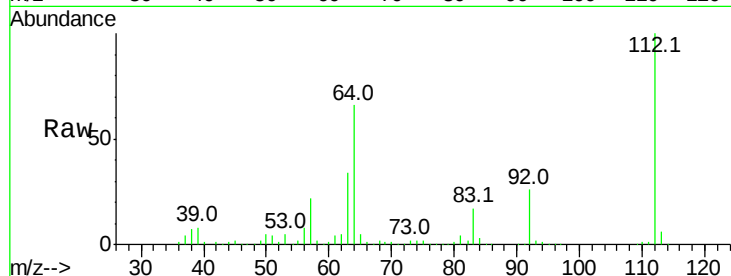
295-N-1-(0-2)MS

Tot Ion:	112	Resp:	920597
Ion Ratio	Lower	Upper	
112	100		
64	66.5	46.0	69.0
63	33.9	23.4	35.0

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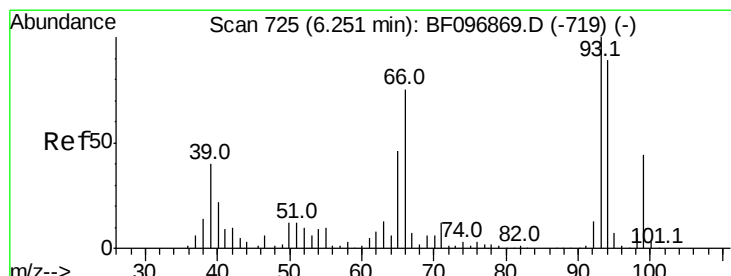
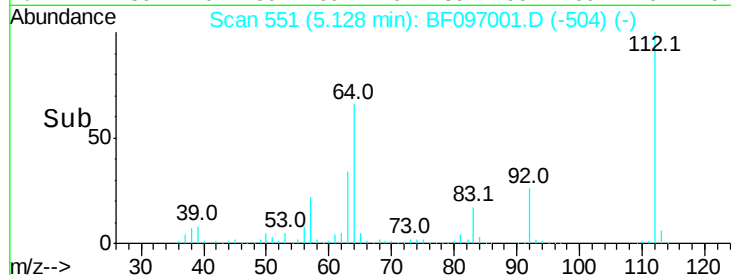
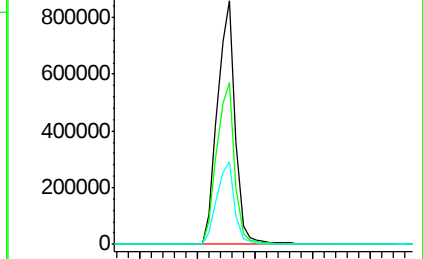
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.901 ng

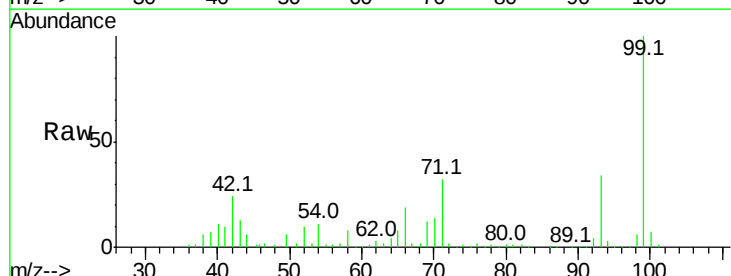
RT: 6.17 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

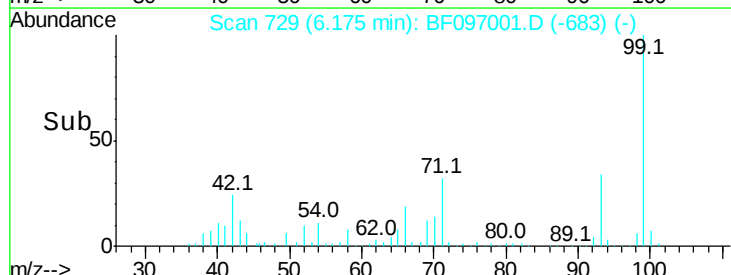
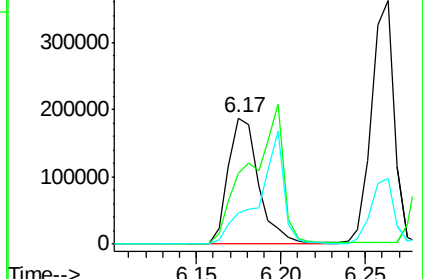
Tgt Ion:	93	Resp:	237762
Ion Ratio	Lower	Upper	
93	100		
66	55.9	32.9	49.3#
65	24.4	16.0	24.0#

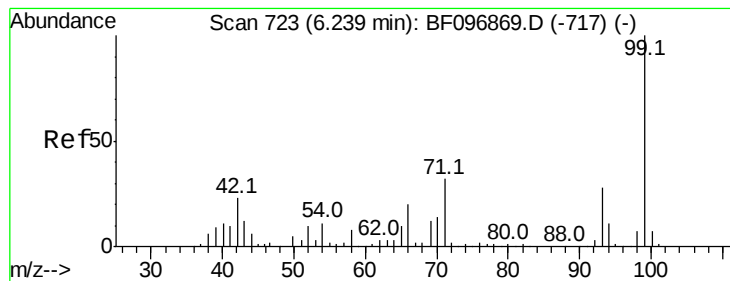


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.362 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MS

Tot Ion: 99 Resp: 1074603

Ion Ratio Lower Upper

99 100

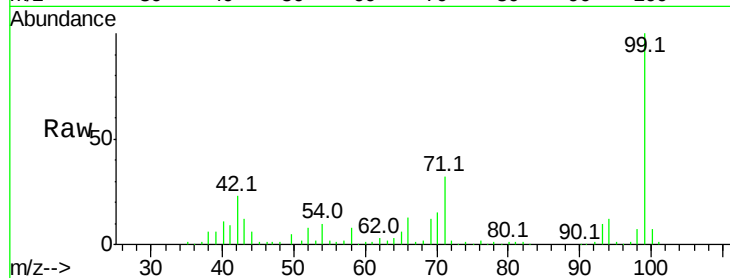
42 23.2 13.5 20.3#

71 31.9 24.5 36.7

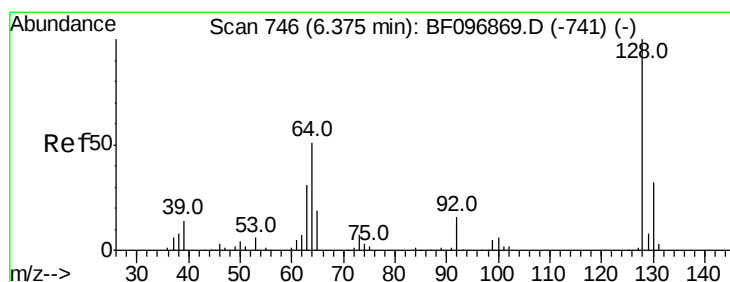
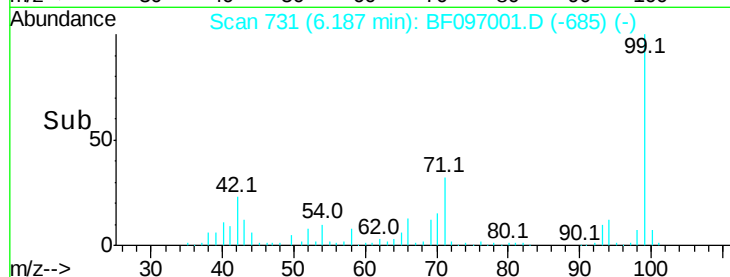
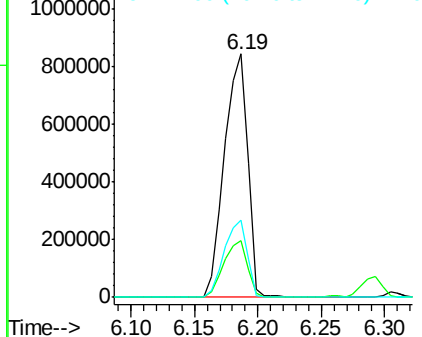
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.871 ng

RT: 6.30 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

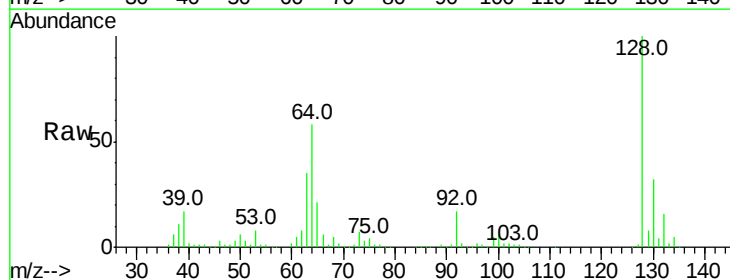
Tgt Ion: 128 Resp: 331014

Ion Ratio Lower Upper

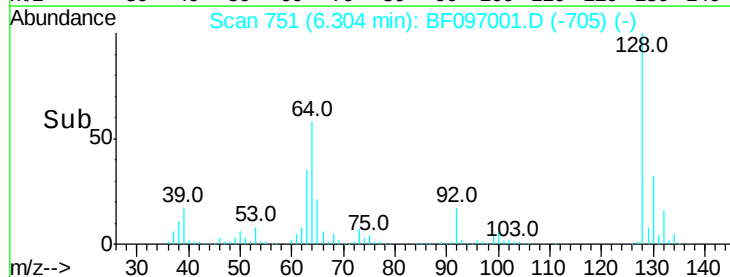
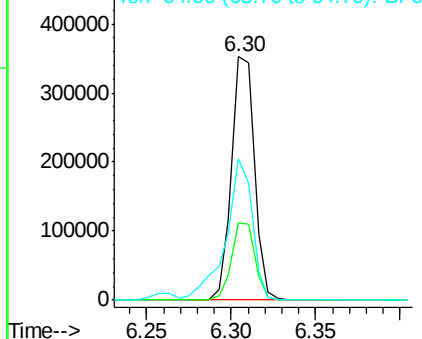
128 100

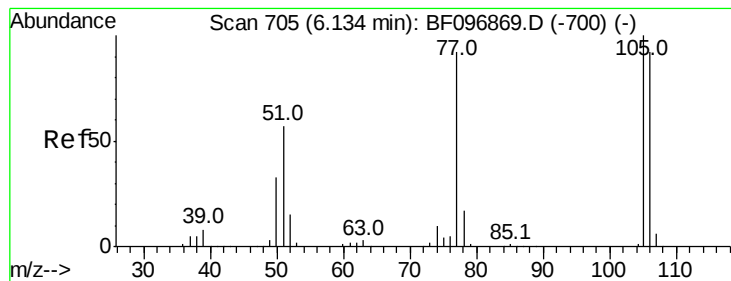
130 31.8 12.9 52.9

64 58.2 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: 23.309 ng

RT: 6.06 min Scan# 709

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

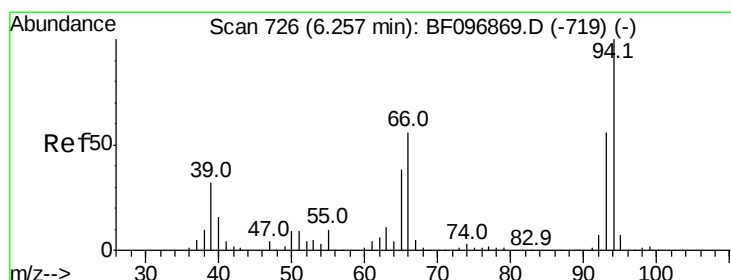
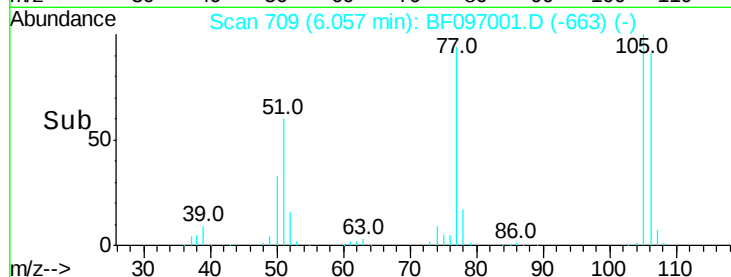
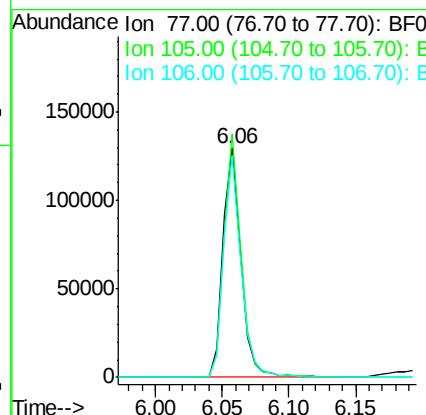
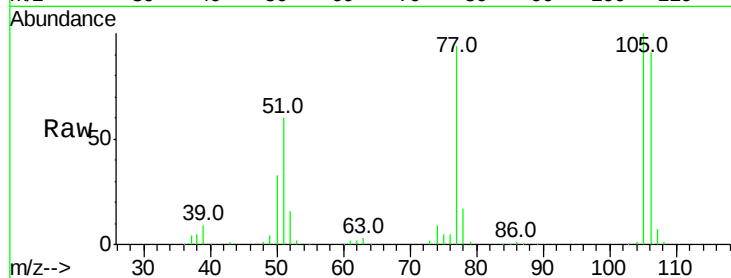
295-N-1-(0-2)MS

Tot Ion:	77	Resp:	124417
Ion Ratio	Lower	Upper	
77	100		
105	106.1	83.8	123.8
106	96.9	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 41.250 ng

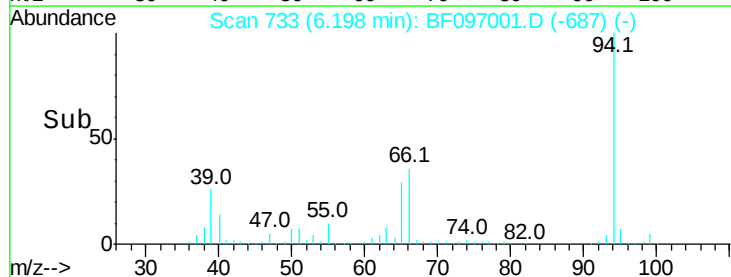
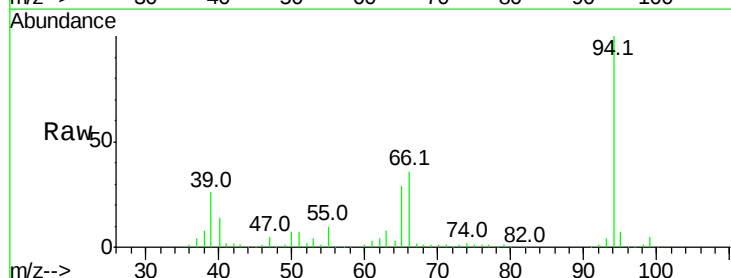
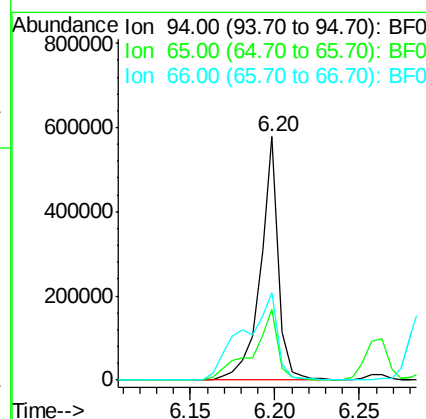
RT: 6.20 min Scan# 733

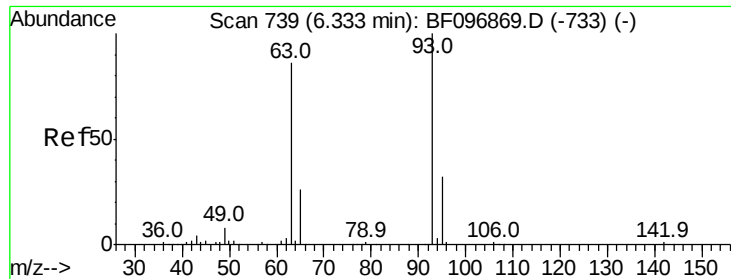
Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Tgt Ion:	94	Resp:	430640
Ion Ratio	Lower	Upper	
94	100		
65	29.0	9.9	49.9
66	35.9	23.1	63.1





#11
bis(2-Chloroethyl)ether
Concen: 43.047 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

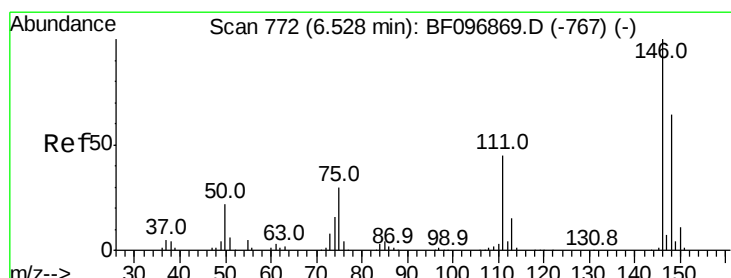
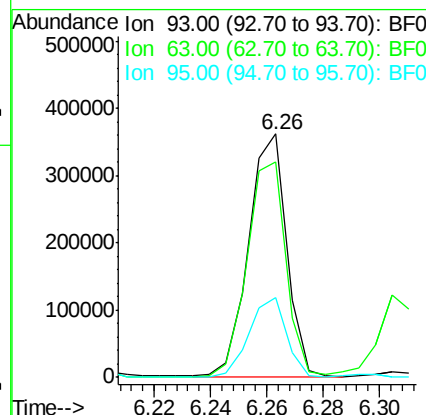
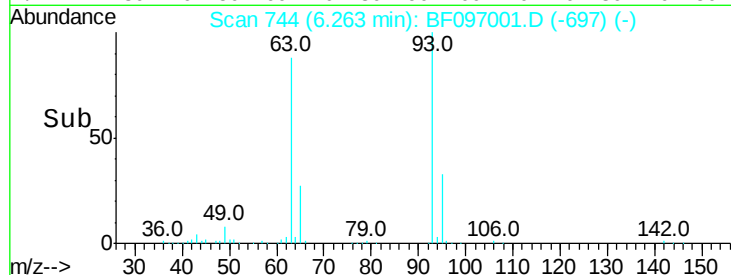
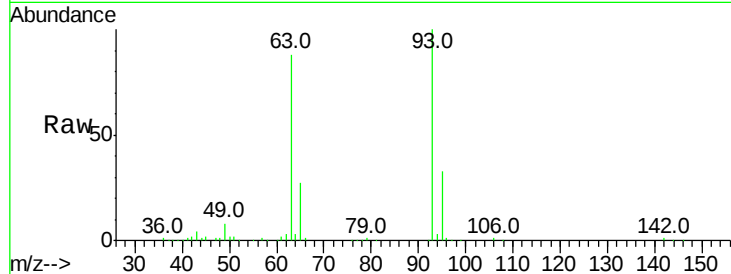
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	59.2	99.2
95	32.7	12.8	52.8

Manual Integrations
APPROVED

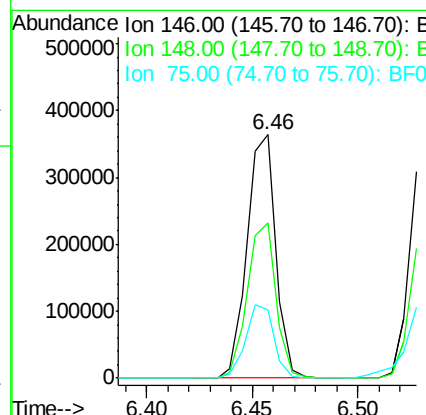
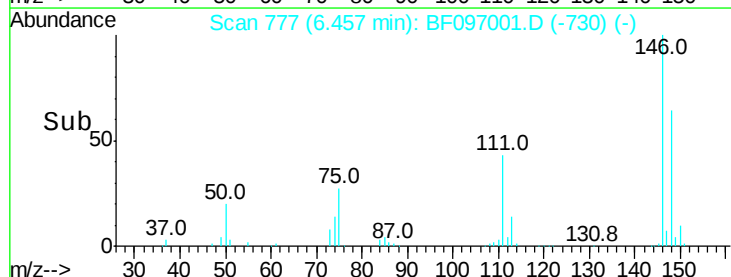
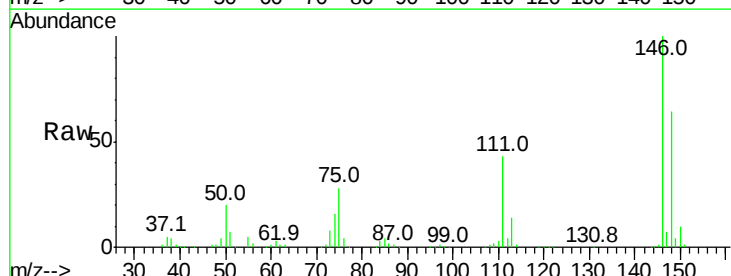
Sohil

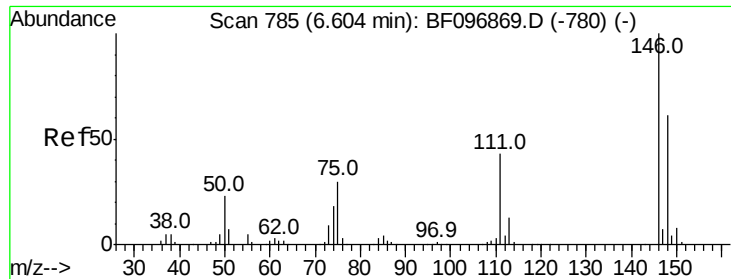
7/25/2017 5:36:24 PM



#12
1,3-Dichlorobenzene
Concen: 38.780 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
75	28.0	23.1	34.7





#13
 1,4-Dichlorobenzene
 Concen: 37.994 ng
 RT: 6.53 min Scan# 790
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

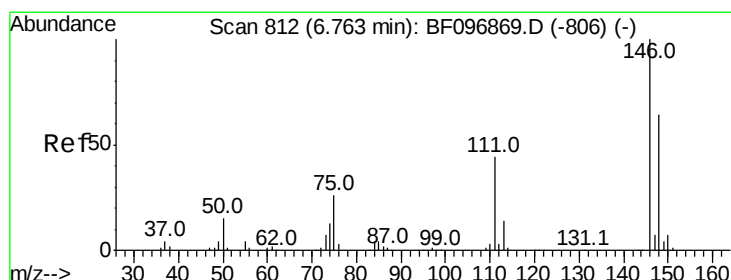
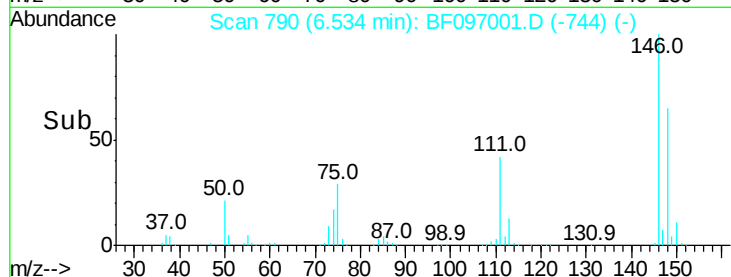
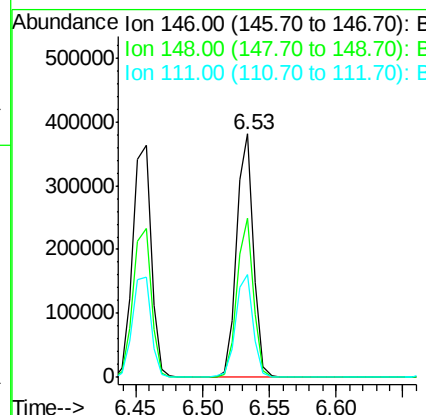
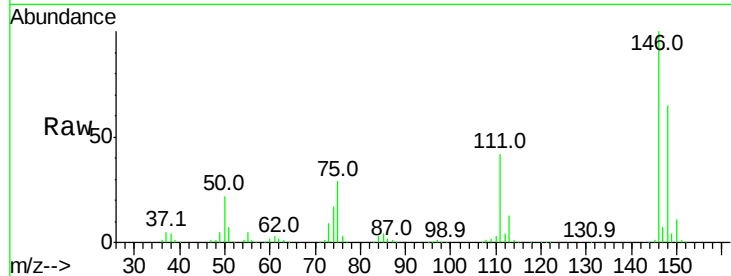
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	42.5	30.3	45.5

Manual Integrations
 APPROVED

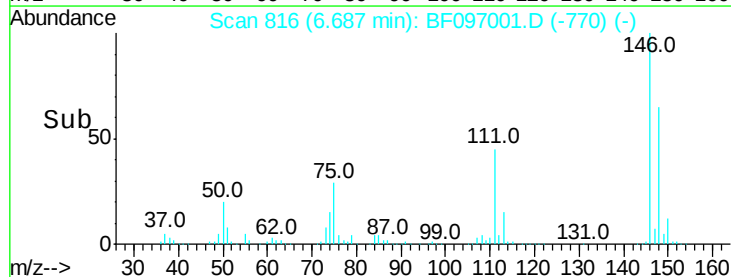
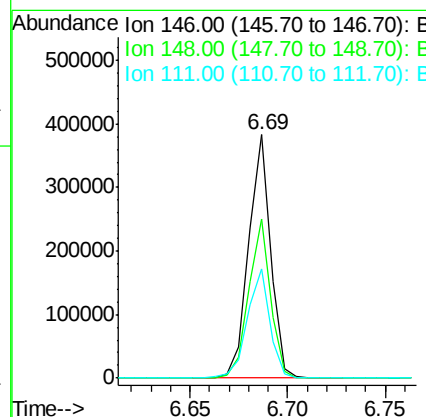
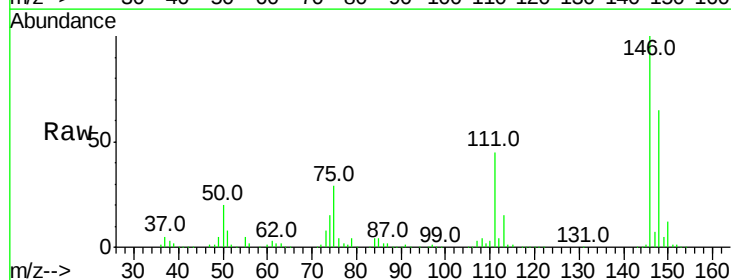
Sohil

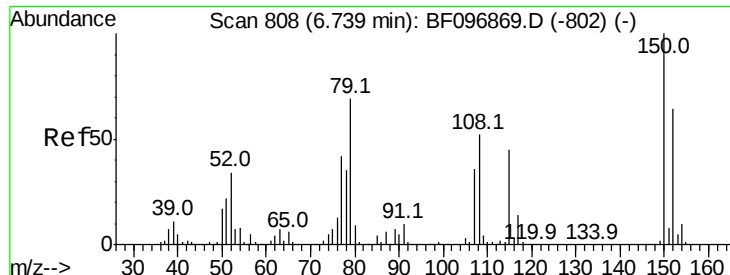
7/25/2017 5:36:24 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.746 ng
 RT: 6.69 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	44.9	38.2	57.4





#15
Benzyl Alcohol
Concen: 38.431 ng
RT: 6.67 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

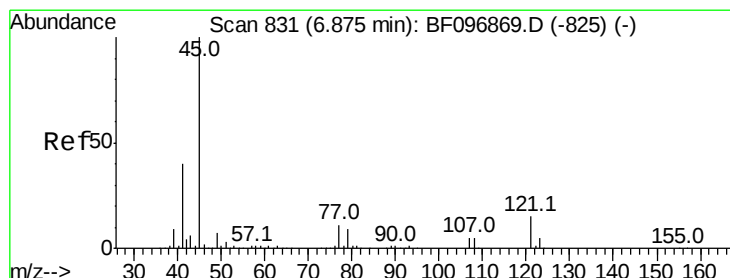
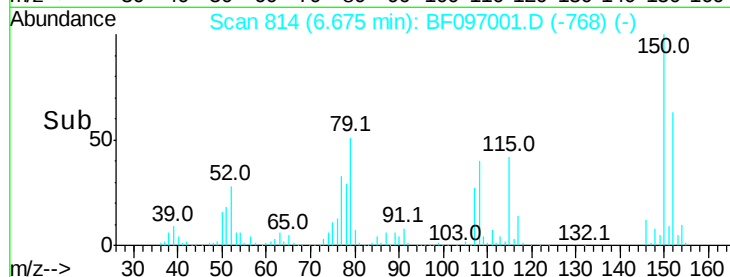
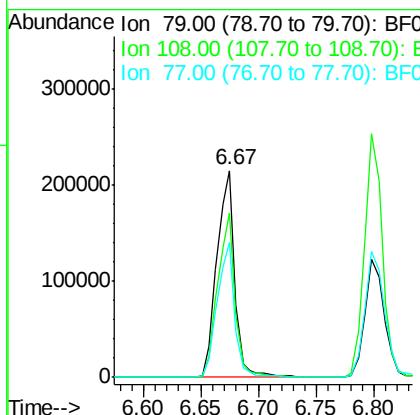
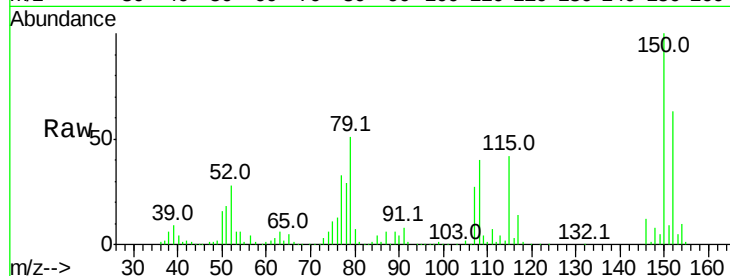
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
108	79.5	63.4	95.0	
77	65.1	49.2	73.8	

Manual Integrations
APPROVED

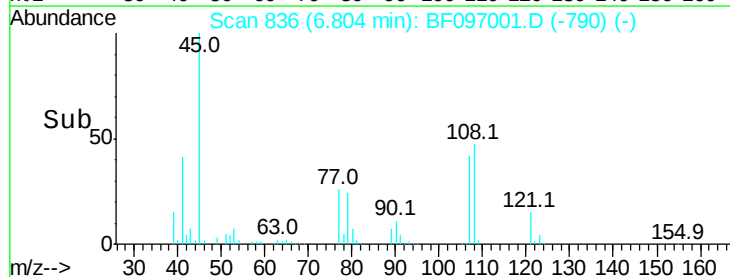
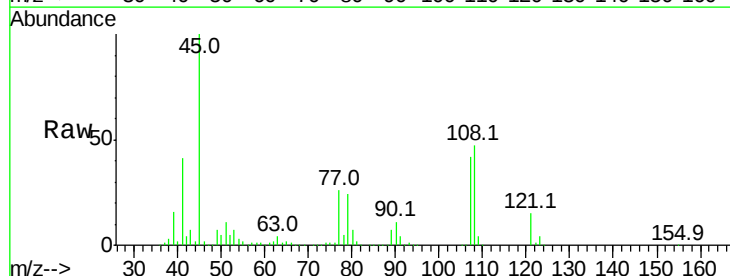
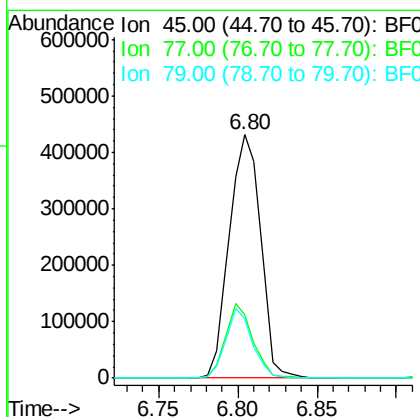
Sohil

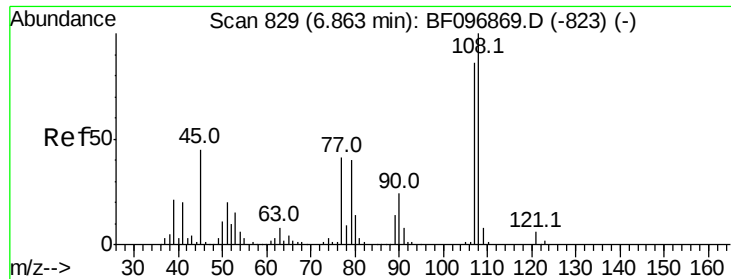
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.332 ng
RT: 6.80 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
77	25.9	0.0	33.2	
79	24.3	0.0	30.0	





#17
2-Methylphenol
Concen: 37.040 ng
RT: 6.80 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

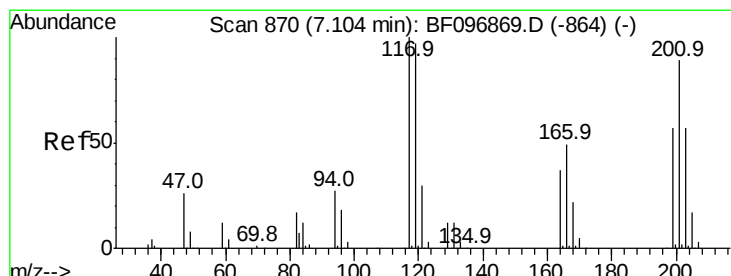
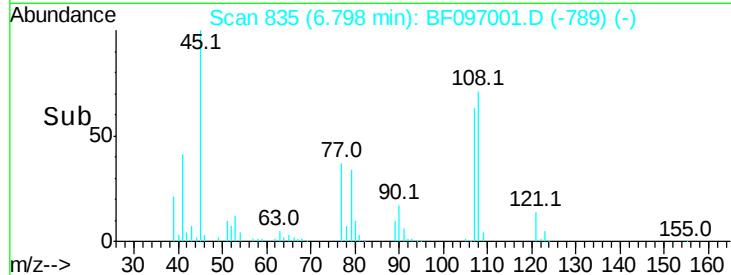
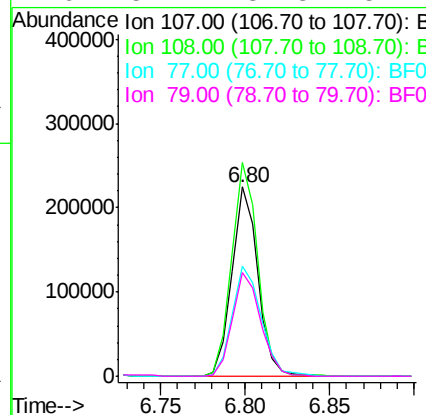
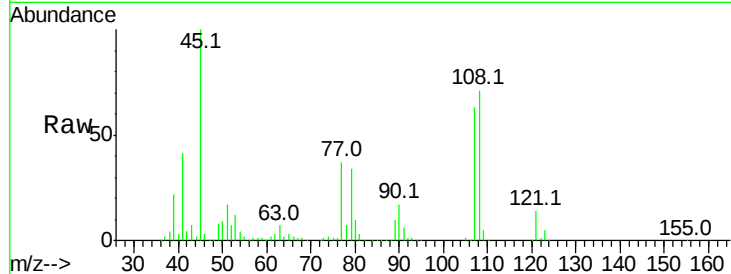
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	93.4	140.0	
77	58.6	35.8	53.6#	
79	54.7	34.8	52.2#	

Manual Integrations
APPROVED

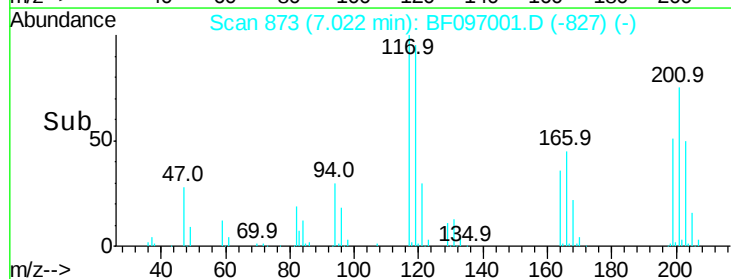
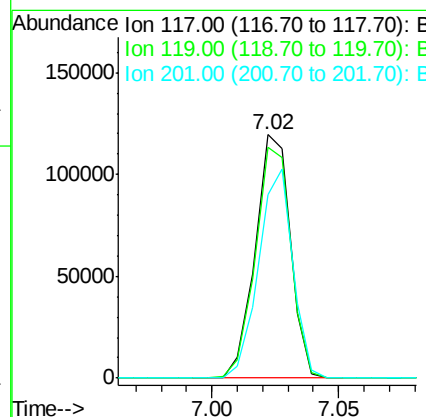
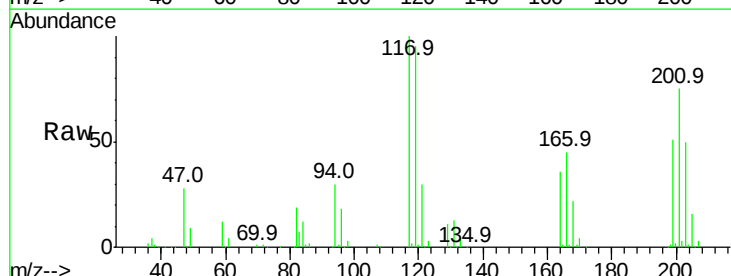
Sohil

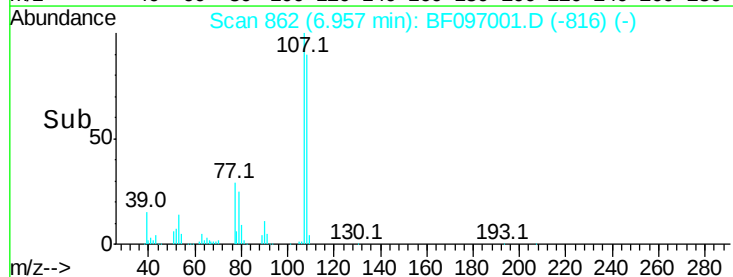
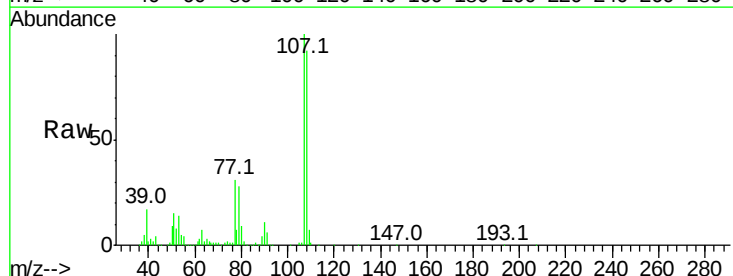
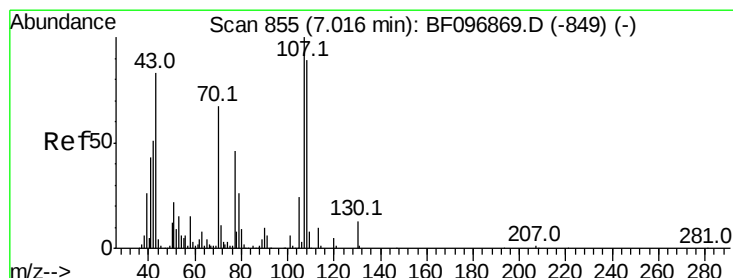
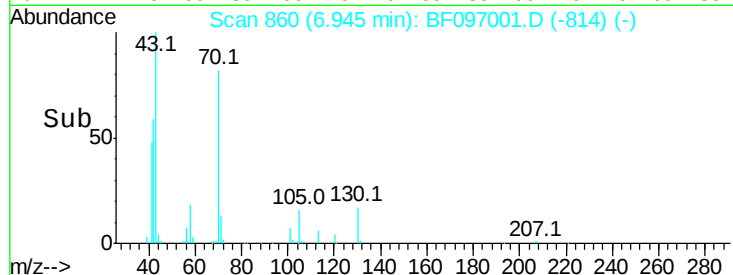
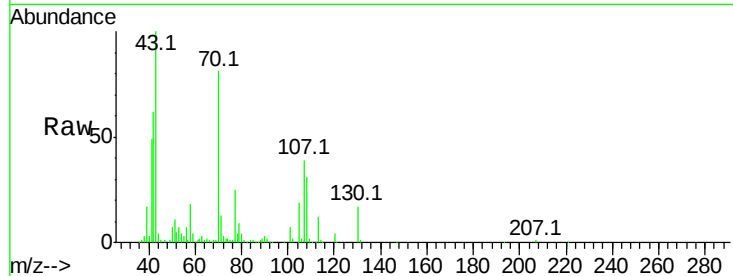
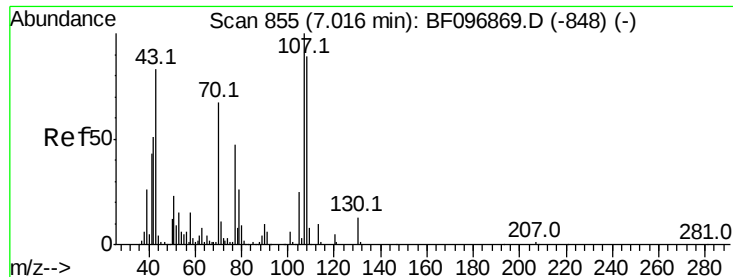
7/25/2017 5:36:24 PM



#18
Hexachloroethane
Concen: 36.560 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

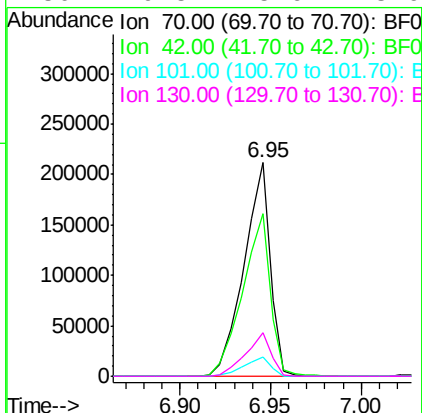
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.4	116.0	
201	75.3	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 38.133 ng
RT: 6.95 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.9	47.2	70.8#
101	9.1	7.2	10.8
130	20.5	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

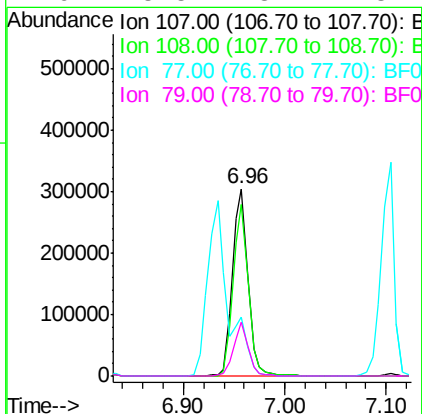
Manual Integrations
APPROVED

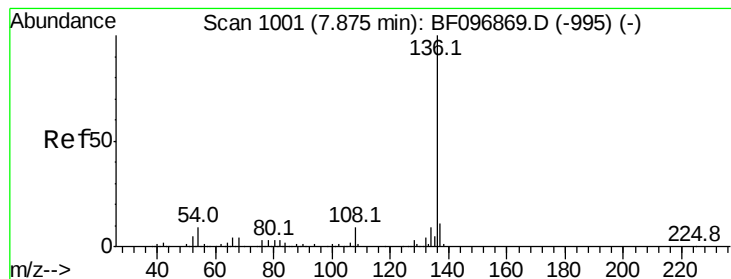
Sohil

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#20
3+4-Methylphenols
Concen: 41.655 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.0	111.0
77	31.4	90.5	130.5#
79	28.5	8.4	48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.80 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

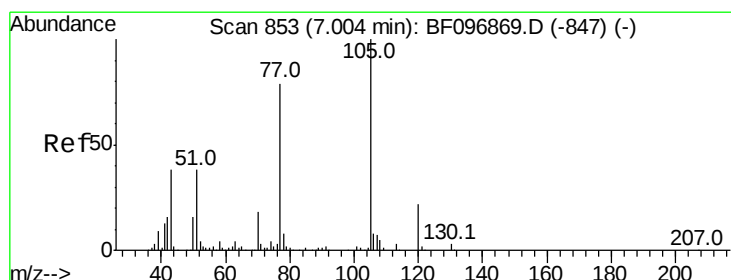
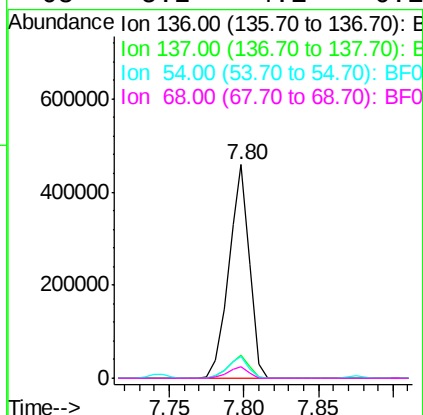
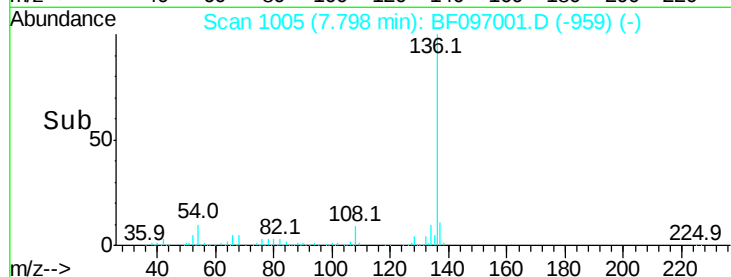
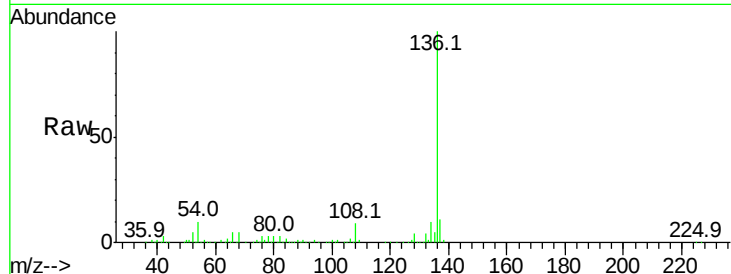
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	444924		
137	10.7		8.5	12.7
54	10.1		4.9	7.3#
68	5.2		4.1	6.1

Manual Integrations
APPROVED

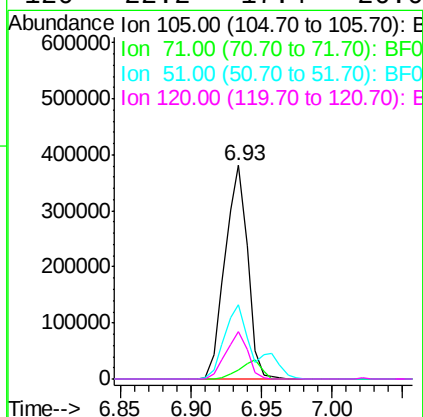
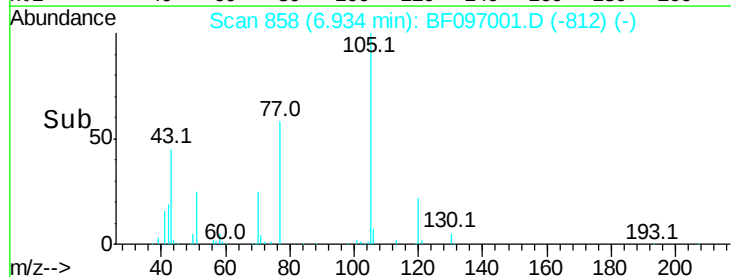
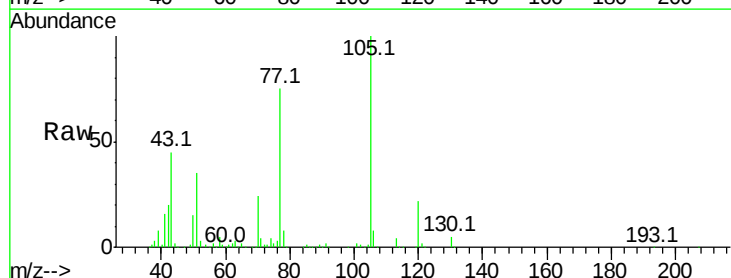
Sohil

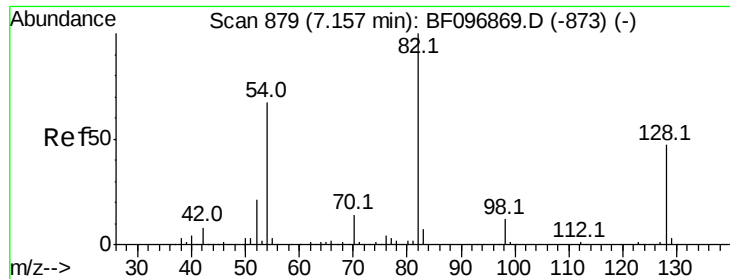
7/25/2017 5:36:24 PM



#22
Acetophenone
Concen: 42.814 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	425747		
71	4.0		2.8	4.2
51	35.0		30.7	46.1
120	22.2		17.4	26.0





#23
Nitrobenzene-d5
Concen: 85.568 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

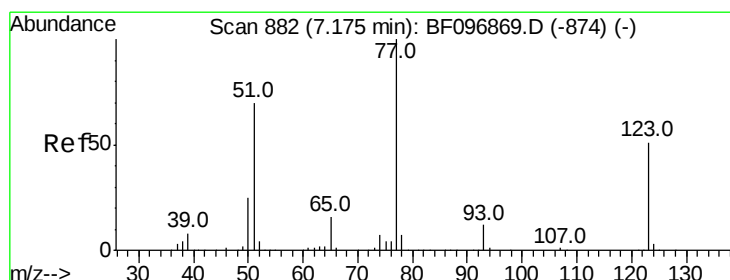
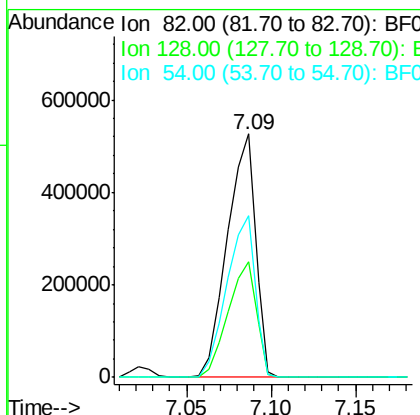
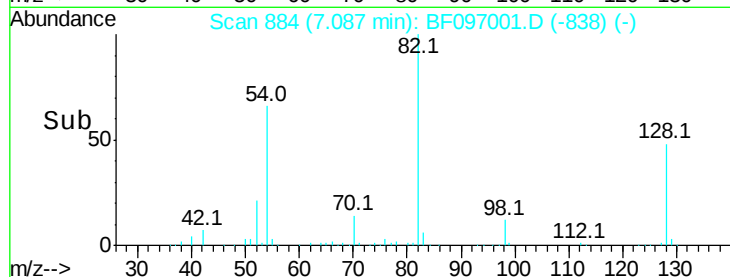
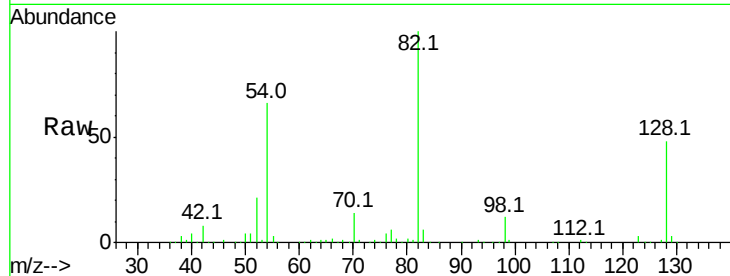
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	66.3	42.2	63.2

Manual Integrations
APPROVED

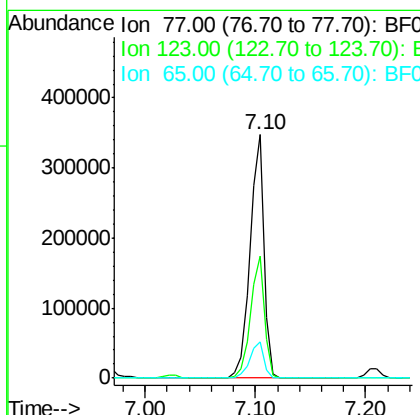
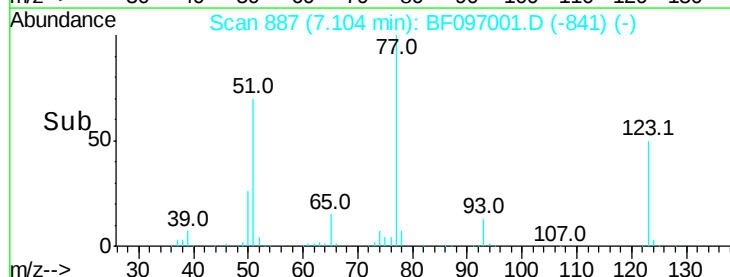
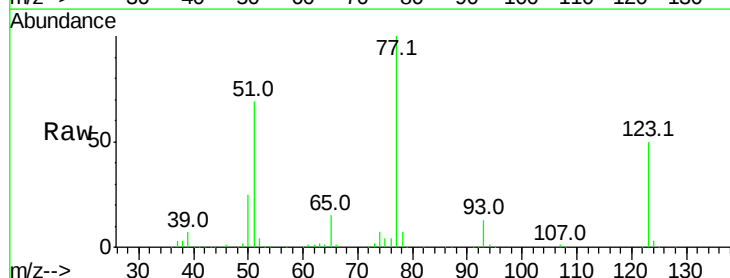
Sohil

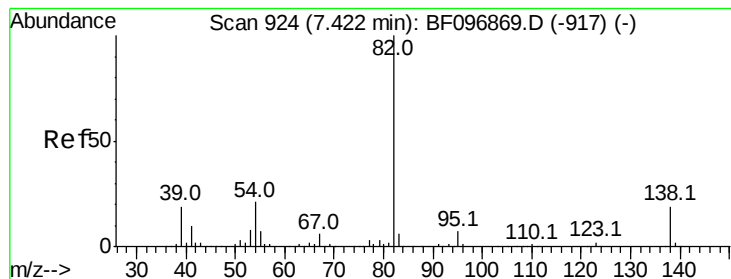
7/25/2017 5:36:24 PM



#24
Nitrobenzene
Concen: 41.700 ng
RT: 7.10 min Scan# 887
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	35.8	53.8
65	14.8	10.6	15.8





#25

Isophorone

Concen: 42.676 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MS

Tot Ion: 82 Resp: 570262

Ion Ratio Lower Upper

82 100

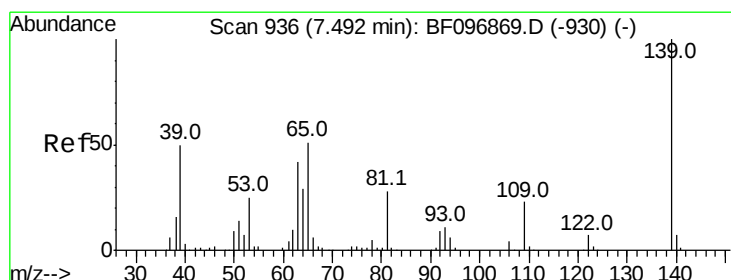
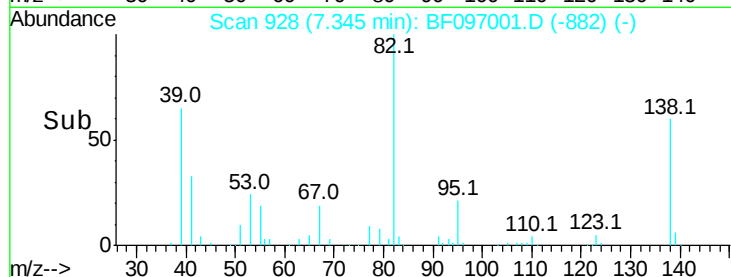
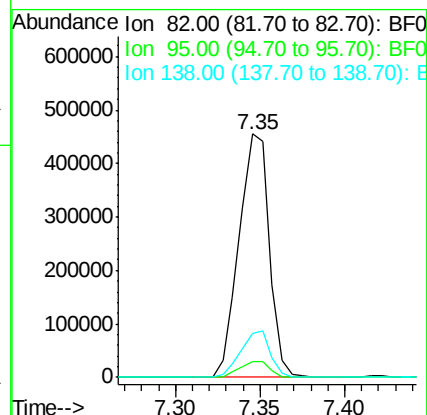
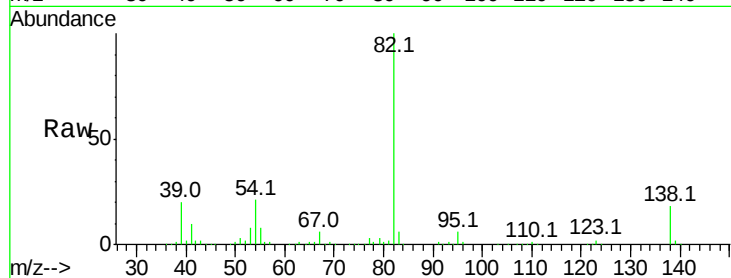
95 6.4 5.3 7.9

138 18.1 13.1 19.7

Manual Integrations
APPROVED

Sohil

7/25/2017 5:36:24 PM



#26

2-Nitrophenol

Concen: 41.390 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

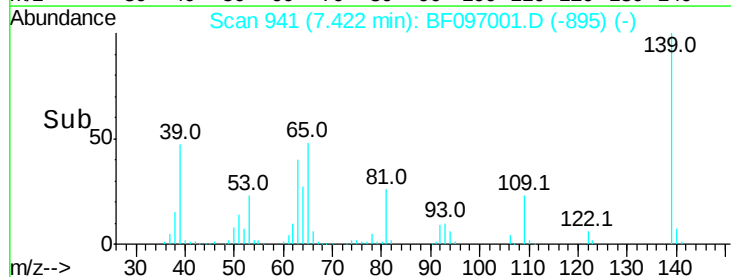
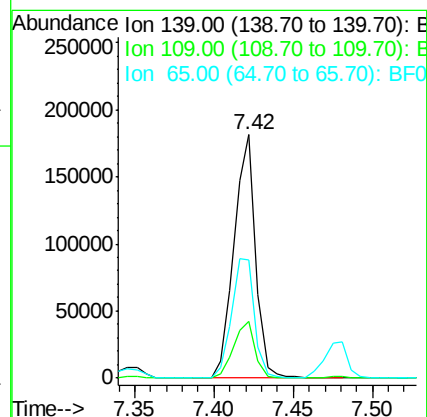
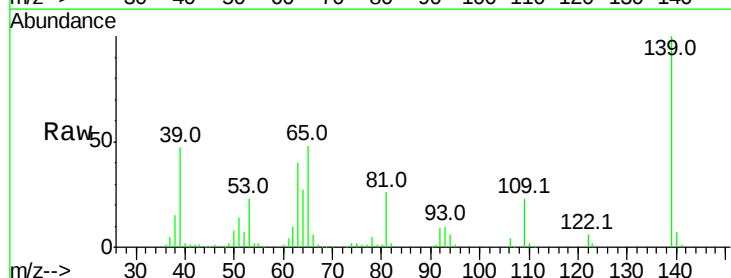
Tgt Ion: 139 Resp: 170972

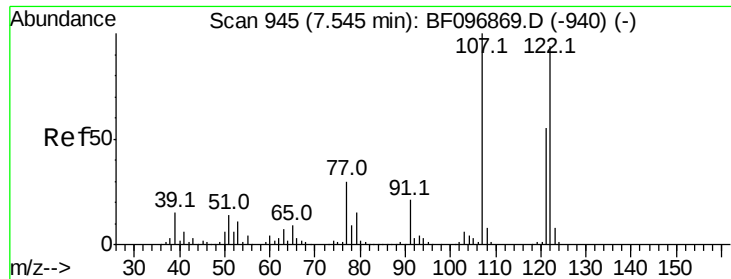
Ion Ratio Lower Upper

139 100

109 23.1 21.0 31.6

65 48.3 33.0 49.6





#27
 2,4-Dimethylphenol
 Concen: 41.416 ng
 RT: 7.48 min Scan# 951
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

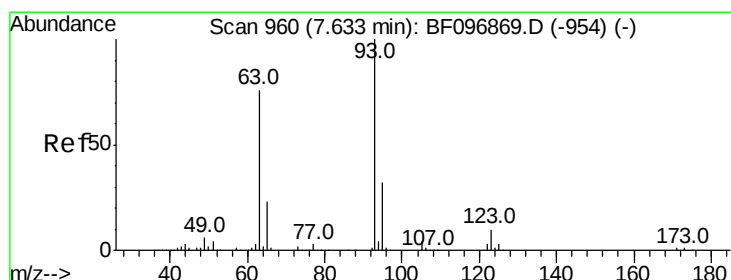
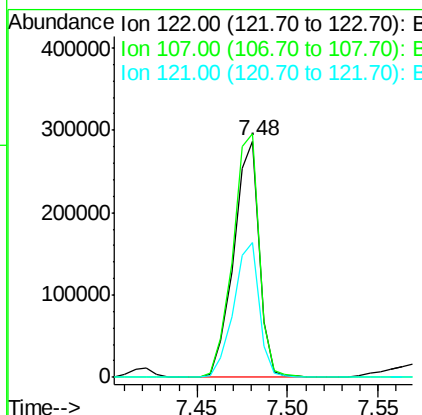
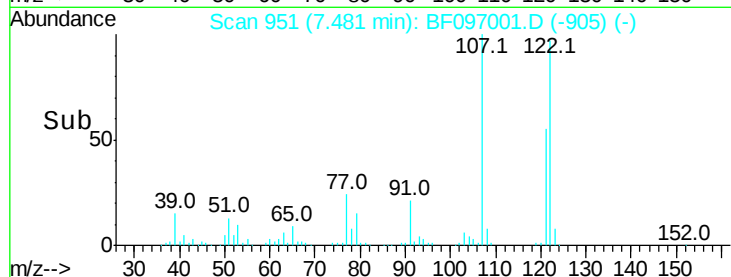
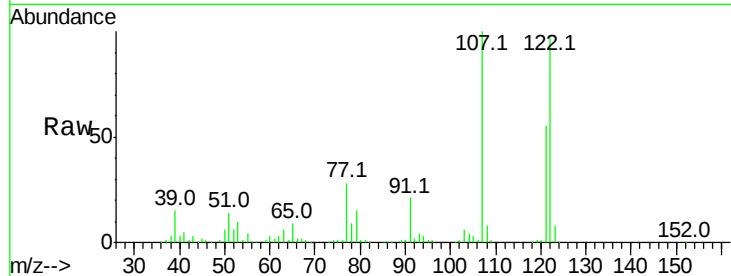
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion:	122	Resp:	281450
Ion Ratio	Lower	Upper	
122	100		
107	103.1	89.2	133.8
121	57.2	45.2	67.8

Manual Integrations
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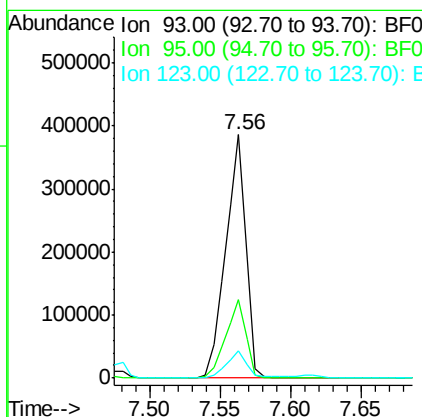
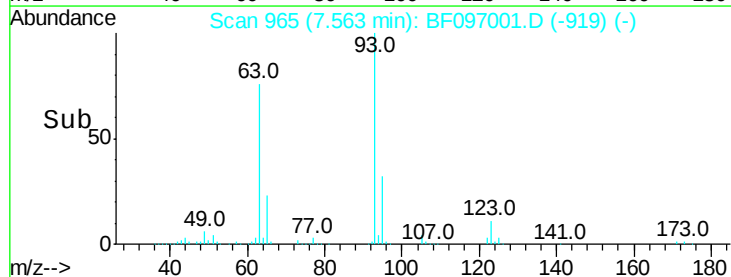
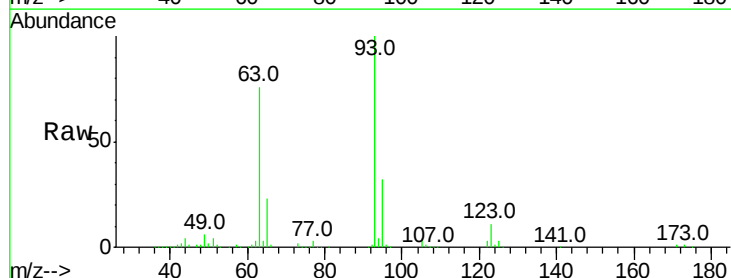
Sohil

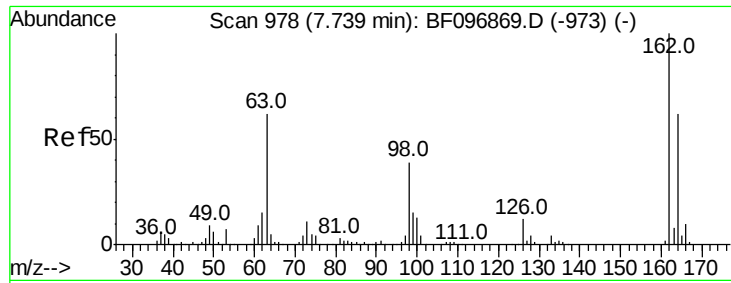
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.236 ng
 RT: 7.56 min Scan# 965
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion:	93	Resp:	381367
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.5	39.7
123	11.0	9.0	13.4





#29
 2,4-Dichlorophenol
 Concen: 41.906 ng
 RT: 7.67 min Scan# 983
 Delta R.T. -0.04 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

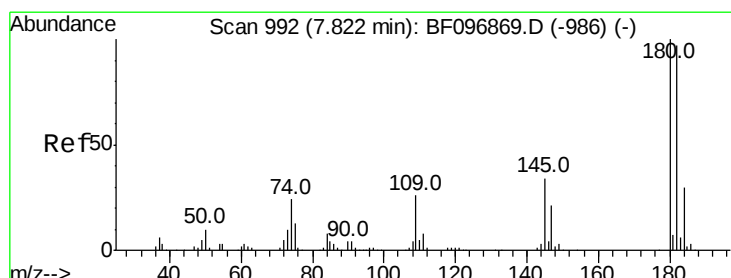
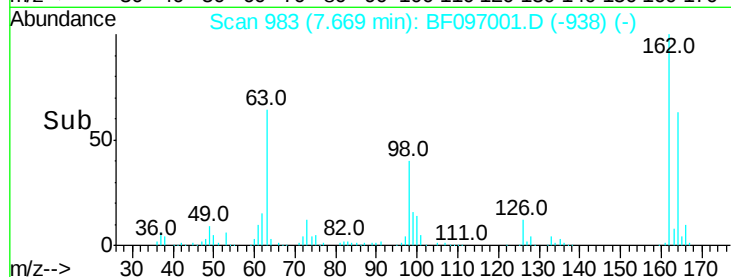
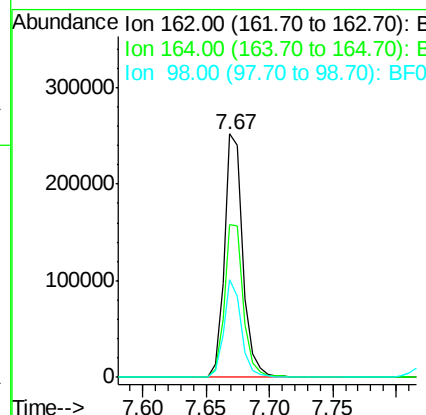
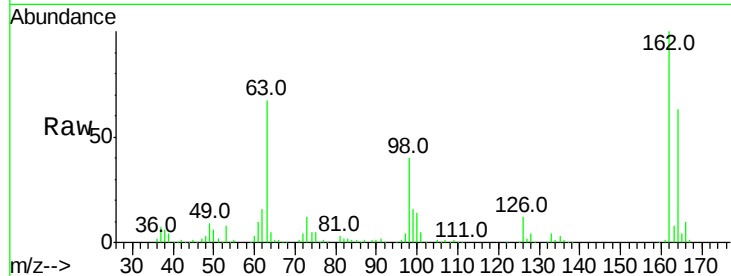
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.6	84.6
98	39.9	14.8	54.8

Manual Integrations
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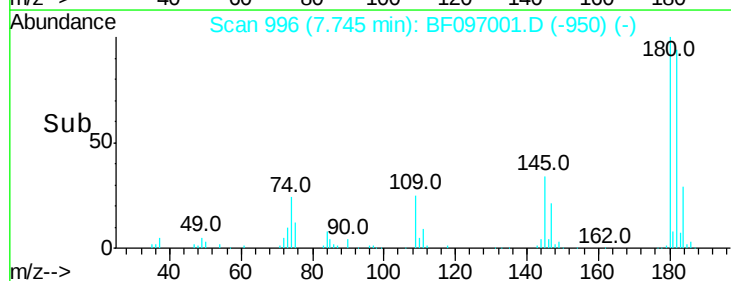
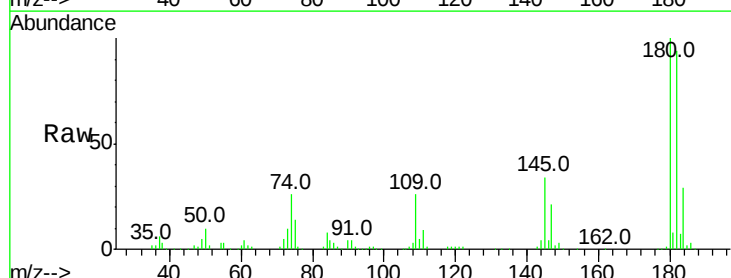
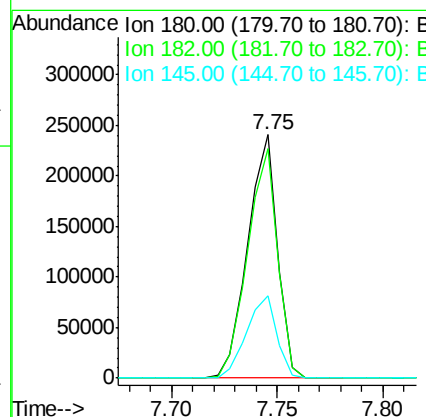
Sohil

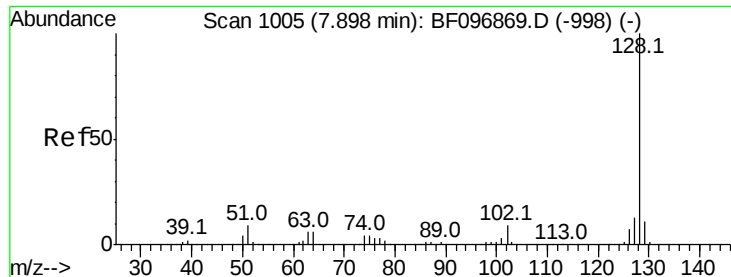
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.166 ng
 RT: 7.75 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	33.8	25.3	37.9





#31
Naphthalene
Concen: 41.640 ng
RT: 7.82 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

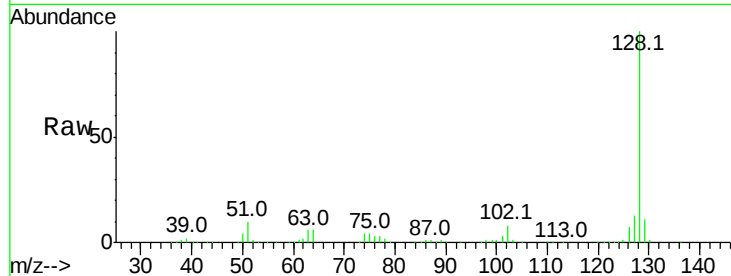
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.1	10.8	16.2

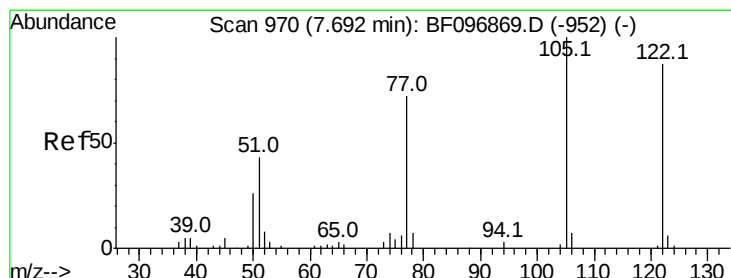
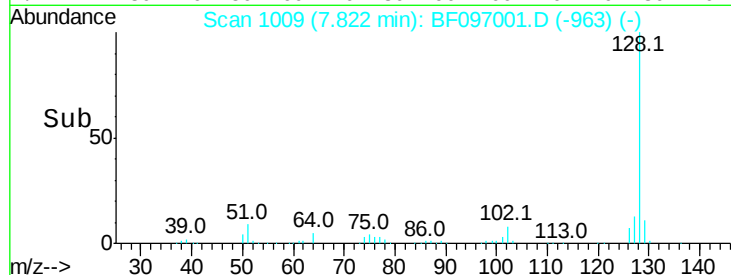
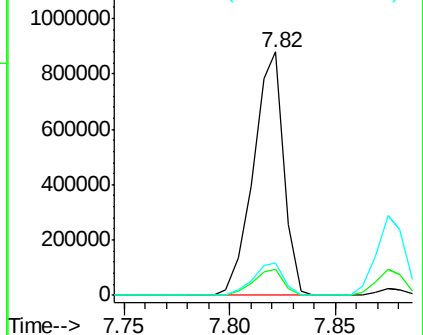
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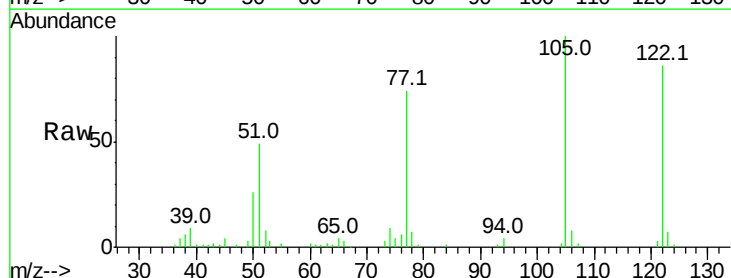


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

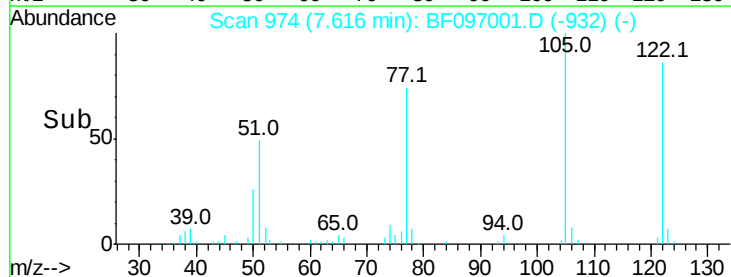
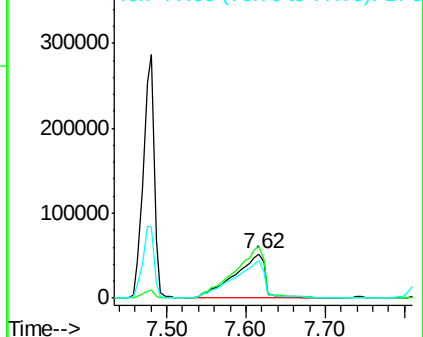


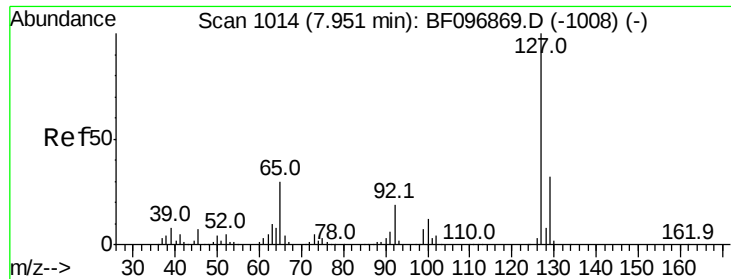
#32
Benzoic acid
Concen: 31.539 ng
RT: 7.62 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.5	103.3	143.3
77	86.2	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: 34.800 ng
 RT: 7.87 min Scan# 1018
 Delta R.T. -0.04 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

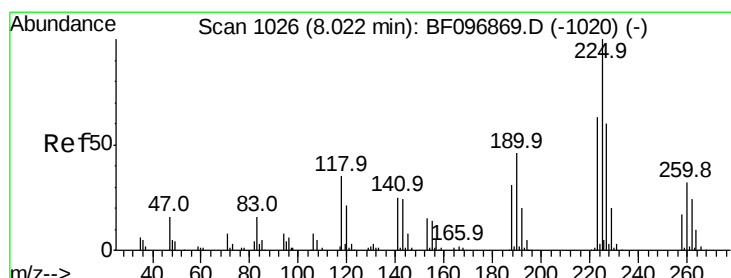
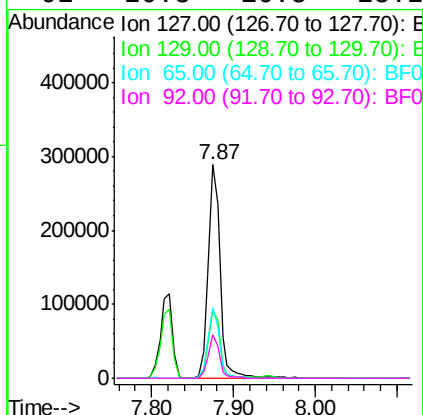
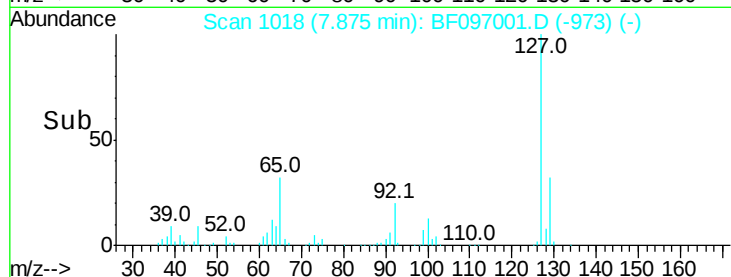
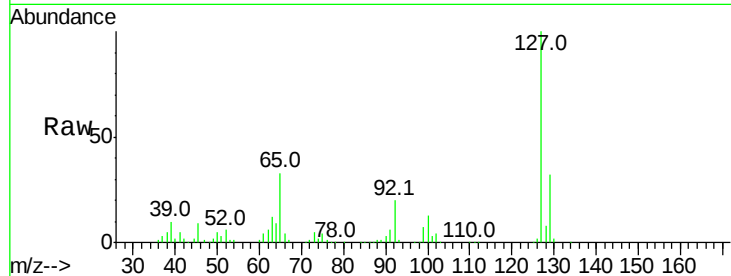
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	33.0	27.8	41.8
92	20.3	16.8	25.2

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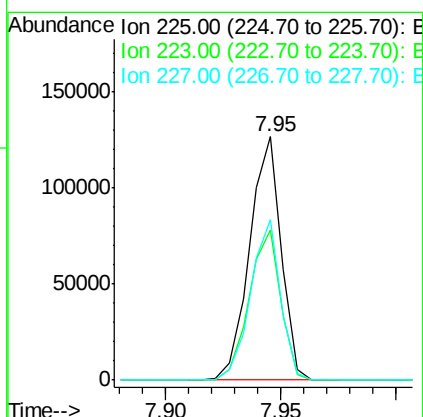
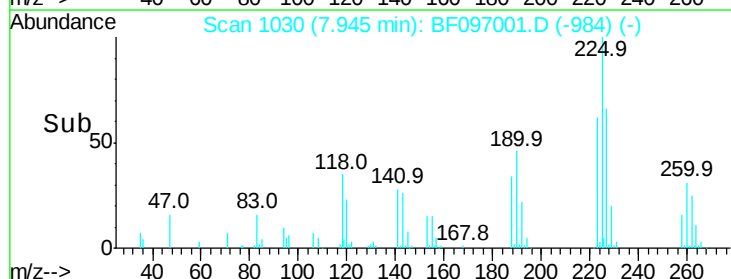
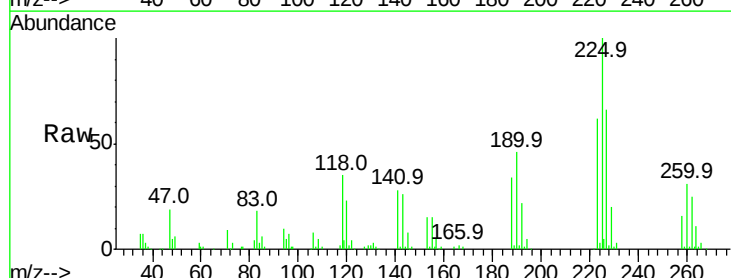
Sohil

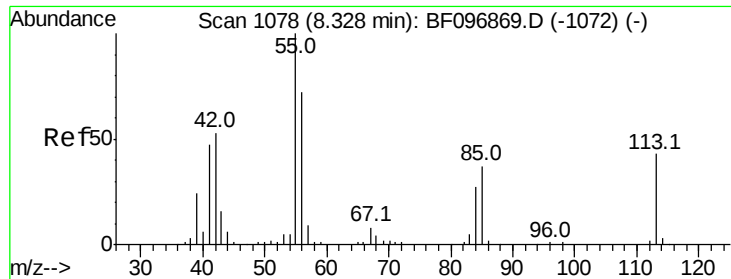
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#34
 Hexachlorobutadiene
 Concen: 38.609 ng
 RT: 7.95 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.8	73.2
227	65.9	51.1	76.7





#35
 Caprolactam
 Concen: 44.218 ng/ml
 RT: 8.25 min Scan# 1082
 Delta R.T. -0.04 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

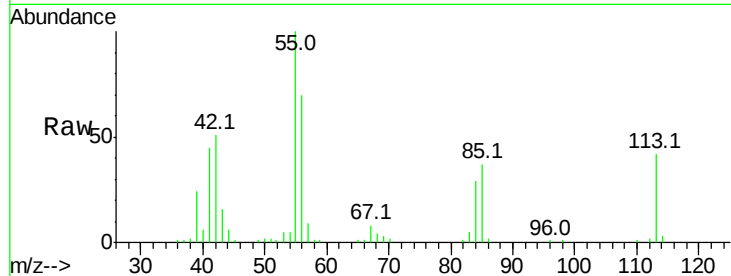
Instrument :
 BNA_F
 ClientSampleID :
 295-N-1-(0-2)MS

Tot Ion:113 Resp: 87155
 Ion Ratio Lower Upper
 113 100
 55 239.8 150.2 190.2#
 56 166.8 107.8 147.8#

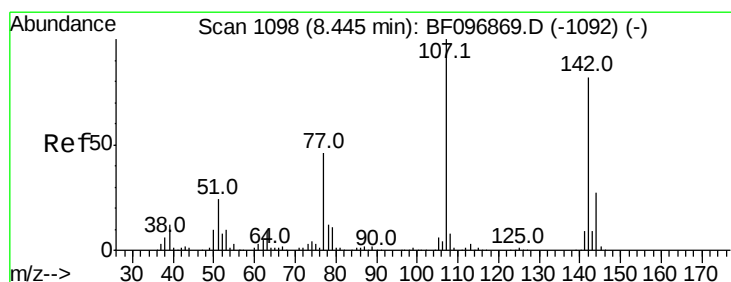
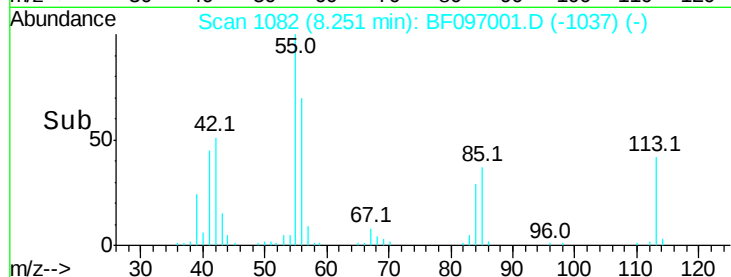
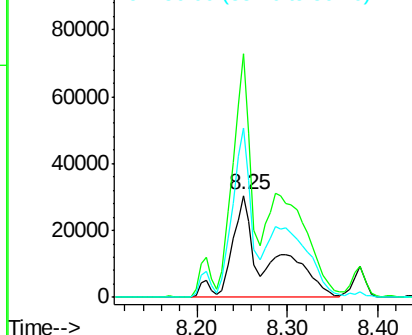
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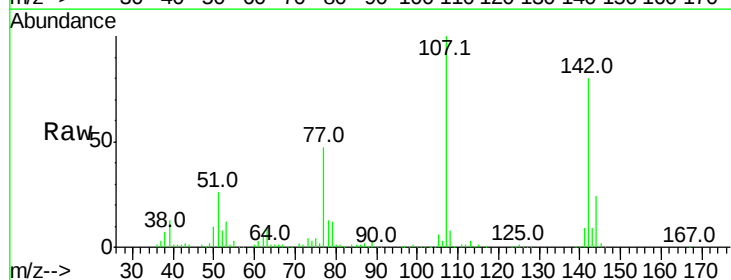


Abundance Ion 113.00 (112.70 to 113.70): E
 100000
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

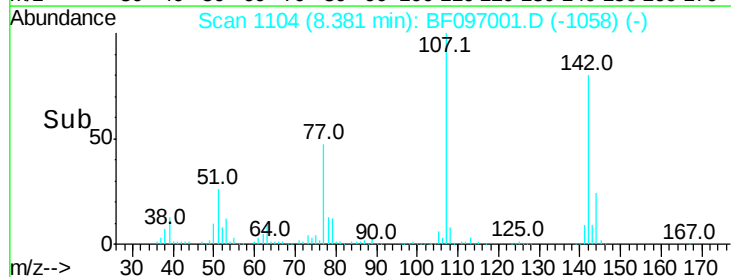
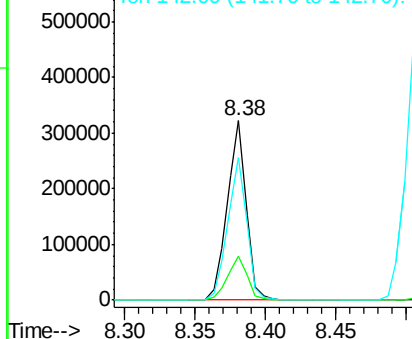


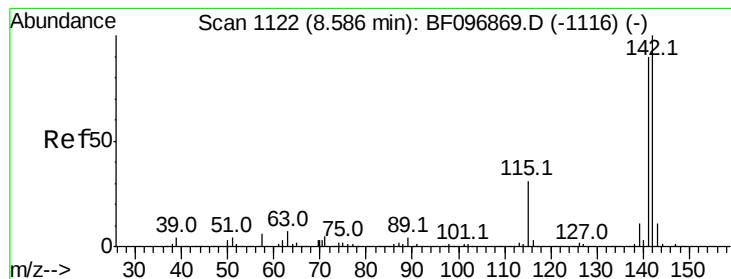
#36
 4-Chloro-3-methylphenol
 Concen: 45.386 ng/ml
 RT: 8.38 min Scan# 1104
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion:107 Resp: 300195
 Ion Ratio Lower Upper
 107 100
 144 24.4 24.2 36.4
 142 79.7 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 600000
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37
 2-Methylnaphthalene
 Concen: 45.527 ng
 RT: 8.51 min Scan# 1126
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

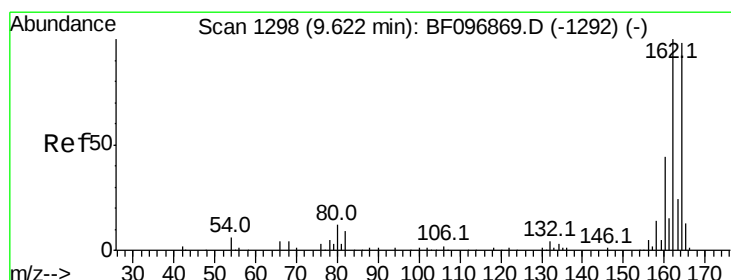
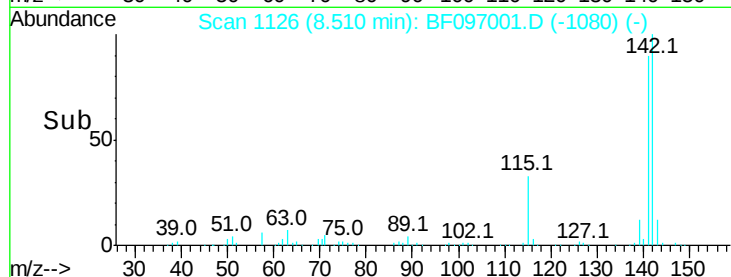
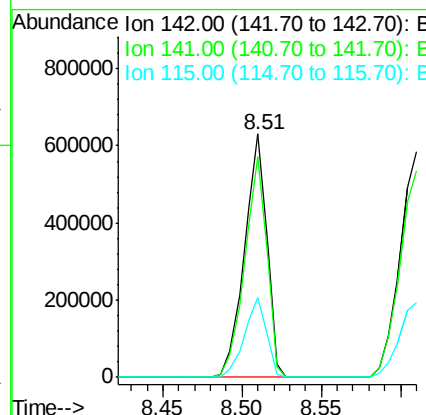
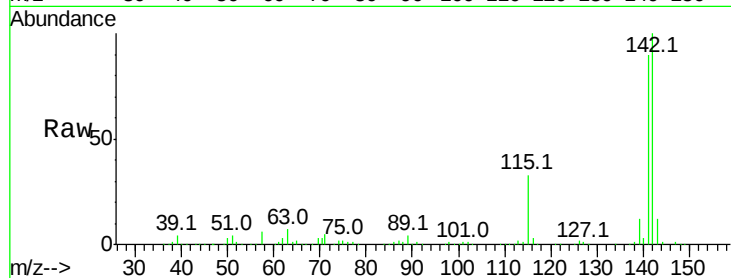
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion:	142	Resp:	611755
Ion Ratio	Lower	Upper	
142	100		
141	90.3	71.3	106.9
115	32.5	27.1	40.7

Manual Integrations
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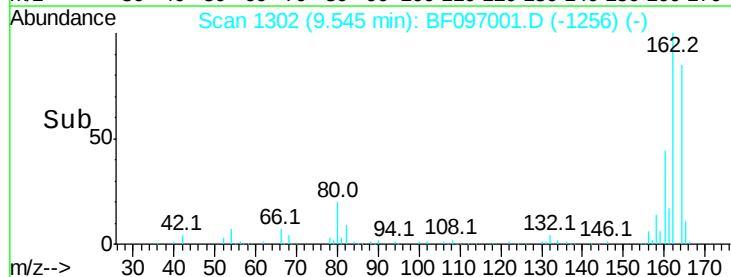
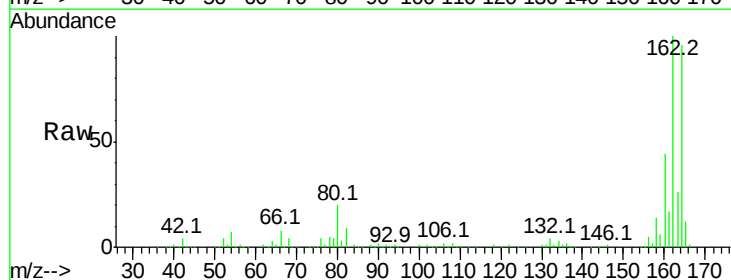
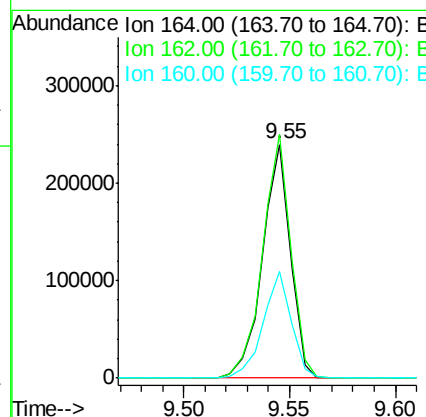
Sohil

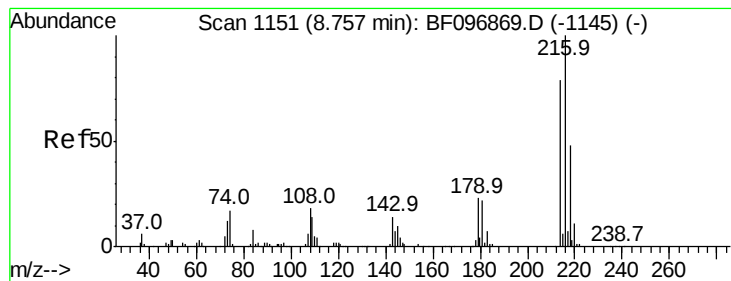
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.55 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion:	164	Resp:	221230
Ion Ratio	Lower	Upper	
164	100		
162	104.3	82.6	123.8
160	45.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.200 ng

RT: 8.68 min Scan# 1155

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

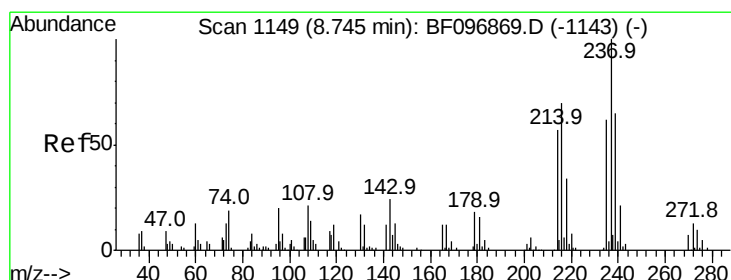
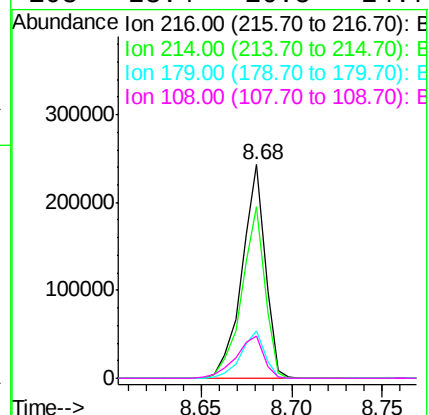
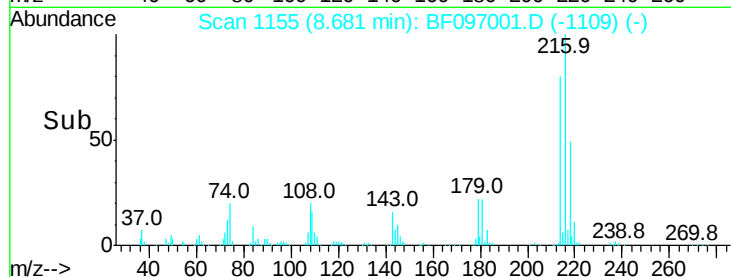
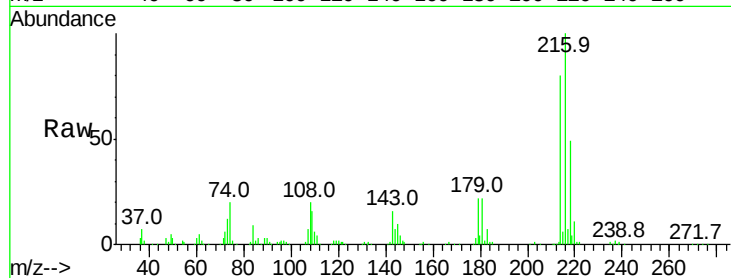
295-N-1-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	216491		
214	79.8	63.4	95.2	
179	22.4	17.9	26.9	
108	23.4	16.5	24.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 76.187 ng

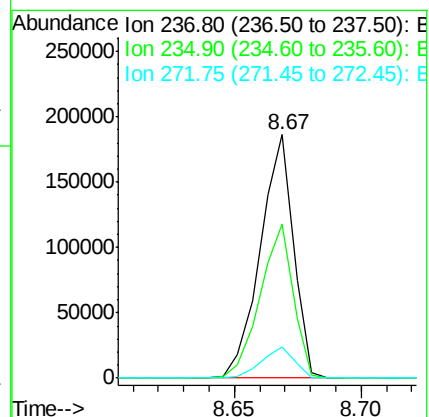
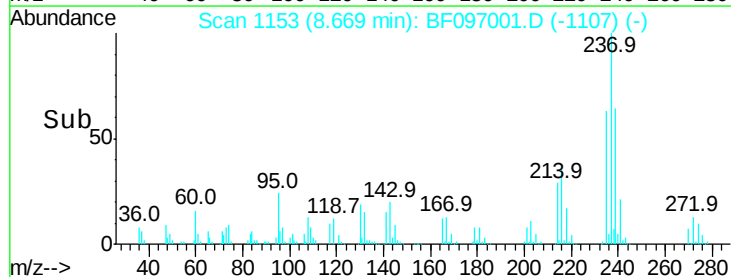
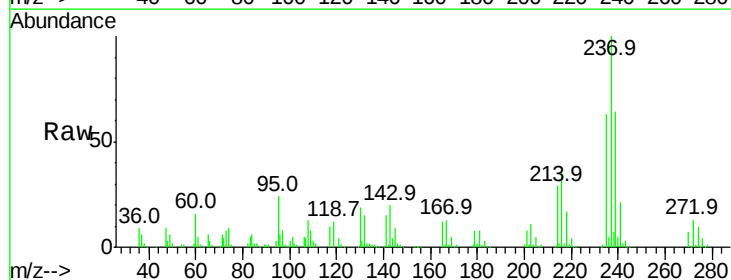
RT: 8.67 min Scan# 1153

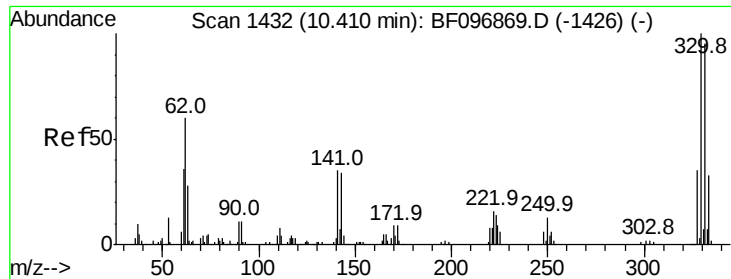
Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	170793		
235	63.4	42.6	82.6	
272	12.9	0.0	31.9	





#41
 2,4,6-Tribromophenol
 Concen: 111.162 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

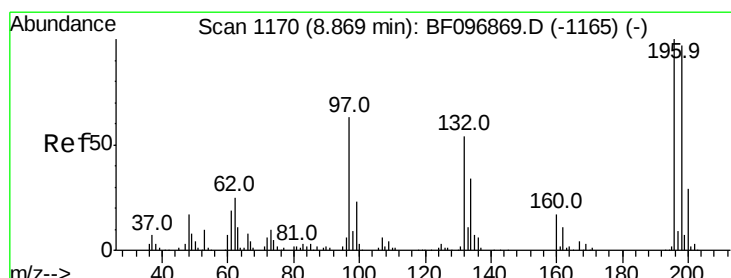
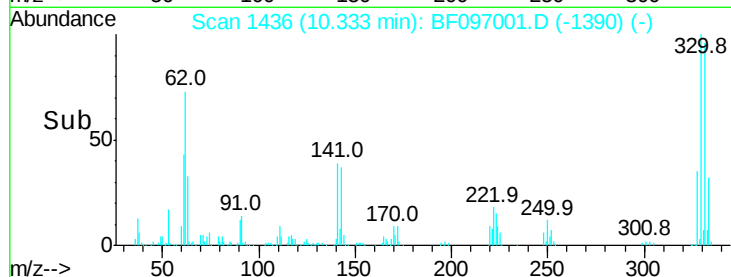
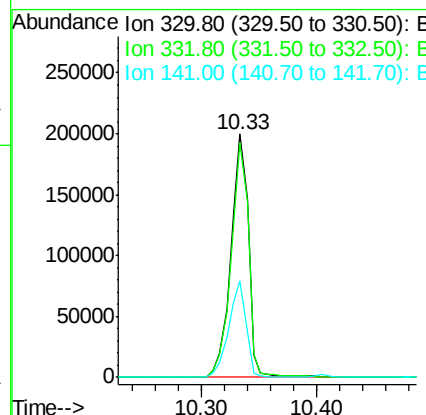
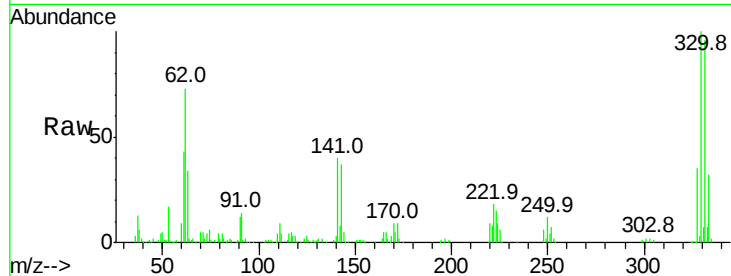
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	209917		
332	96.2	76.6	115.0	
141	39.5	31.4	47.2	

Manual Integrations
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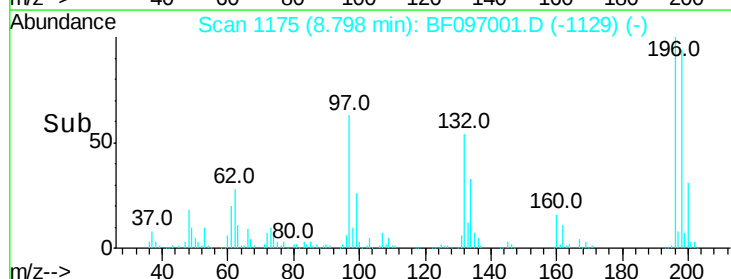
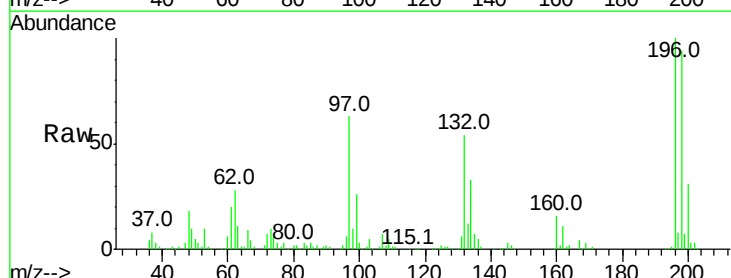
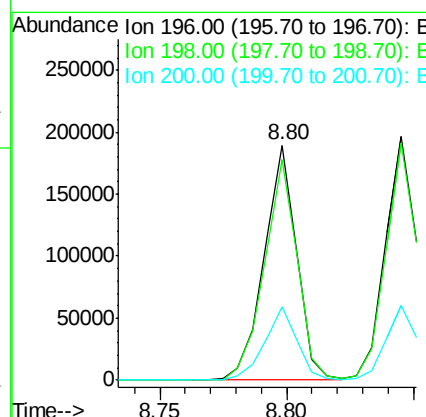
Sohil

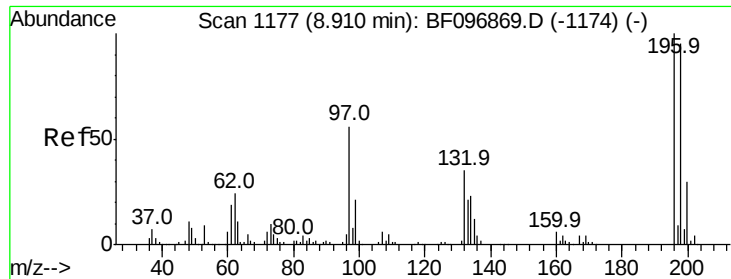
7/25/2017 5:36:24 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.594 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170252		
198	94.1	74.2	111.4	
200	31.0	24.0	36.0	





#43
 2,4,5-Trichlorophenol
 Concen: 39.903 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

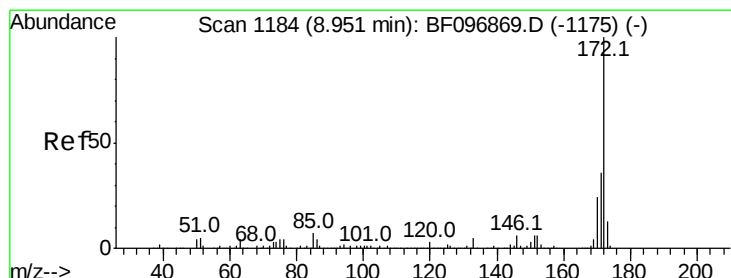
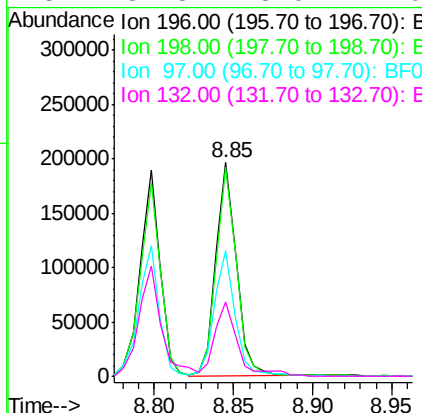
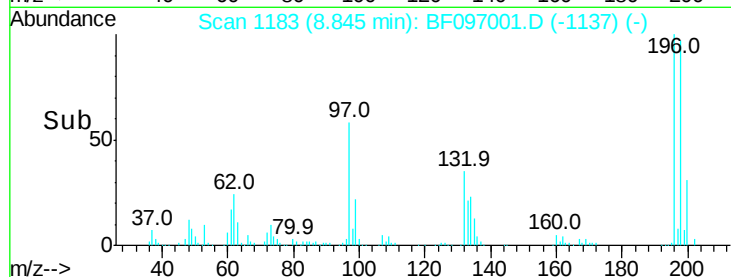
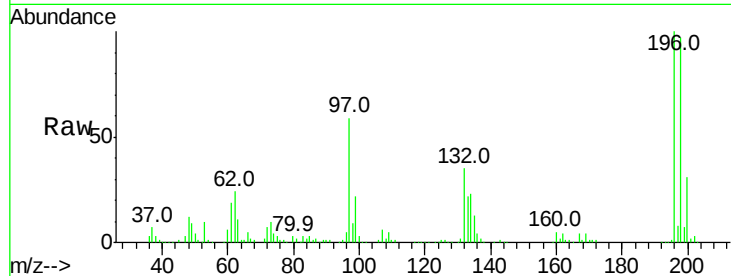
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	196	Resp	177529
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.7	113.5
97	58.5	47.7	71.5
132	34.8	28.0	42.0

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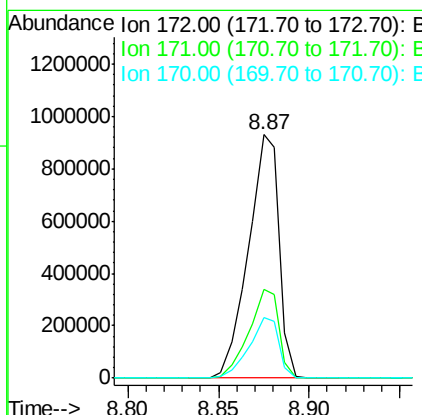
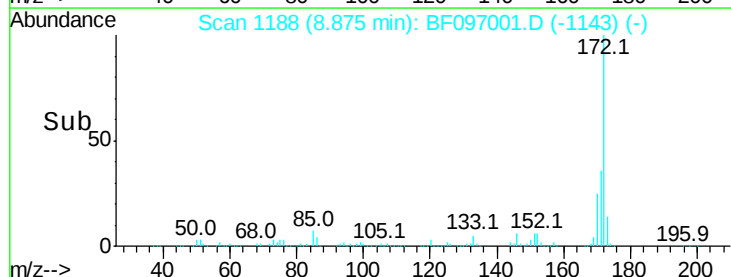
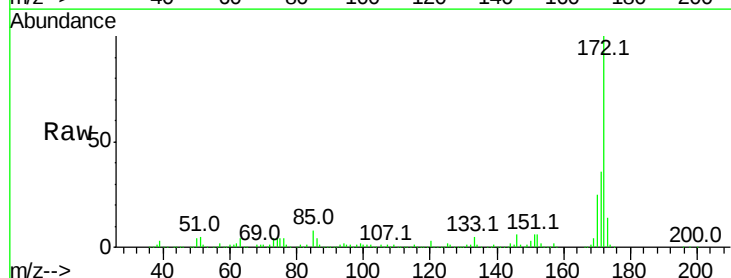
Sohil

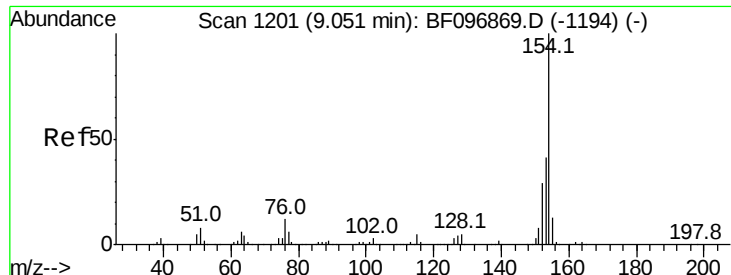
7/25/2017 5:36:24 PM



#44
 2-Fluorobiphenyl
 Concen: 77.974 ng
 RT: 8.87 min Scan# 1188
 Delta R.T. -0.04 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	172	Resp	1091841
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	24.6	19.8	29.8





#45
 1,1'-Biphenyl
 Concen: 37.783 ng
 RT: 8.97 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

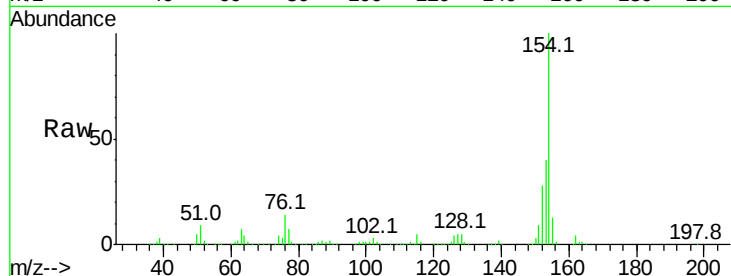
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	154	Resp	716880
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.2	61.2
76	13.9	0.0	29.9

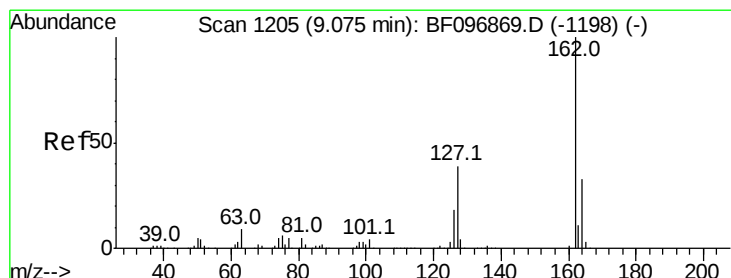
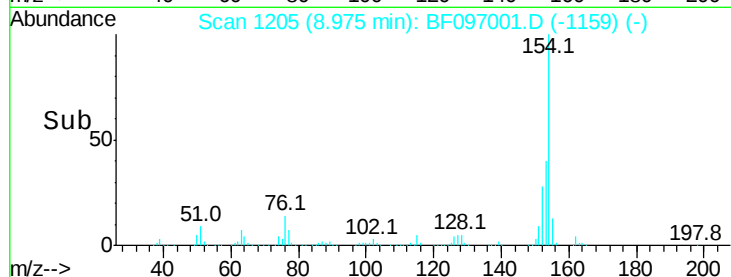
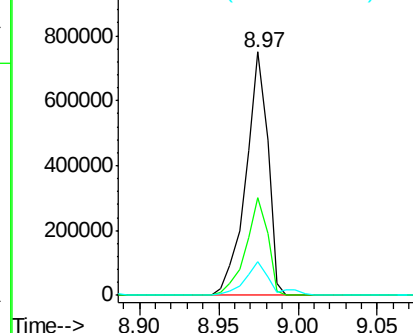
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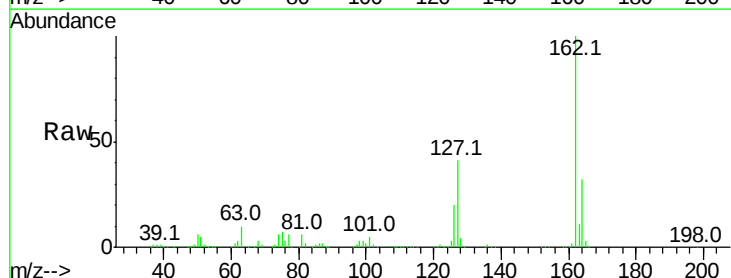


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

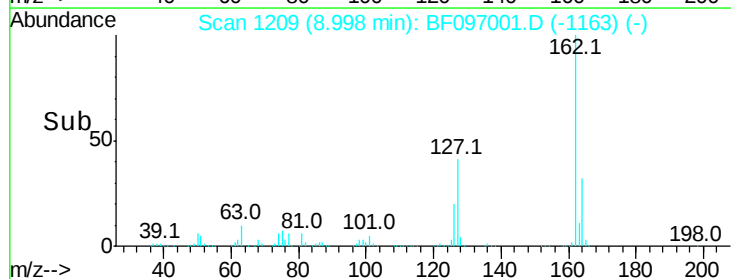
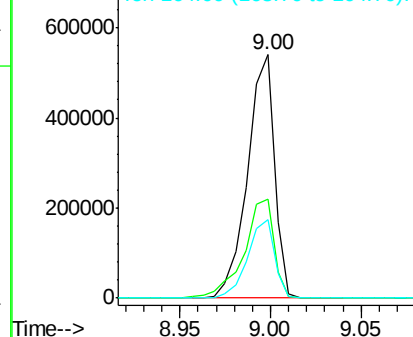


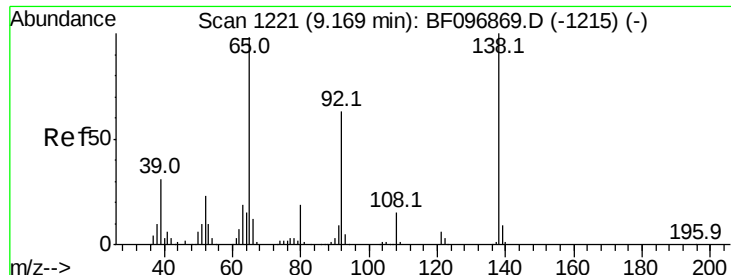
#46
 2-Chloronaphthalene
 Concen: 39.993 ng
 RT: 9.00 min Scan# 1209
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	162	Resp	558752
Ion Ratio	Lower	Upper	
162	100		
127	40.9	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: 47.590 ng
RT: 9.10 min Scan# 1226
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

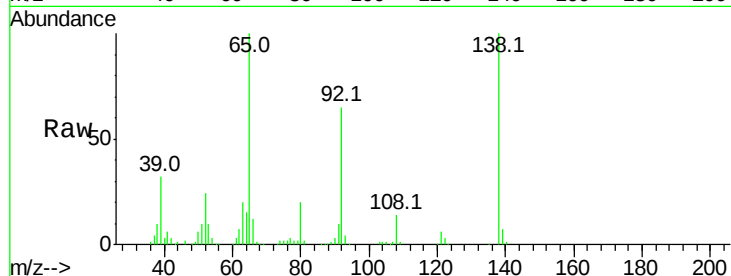
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	100.0	78.8	118.2

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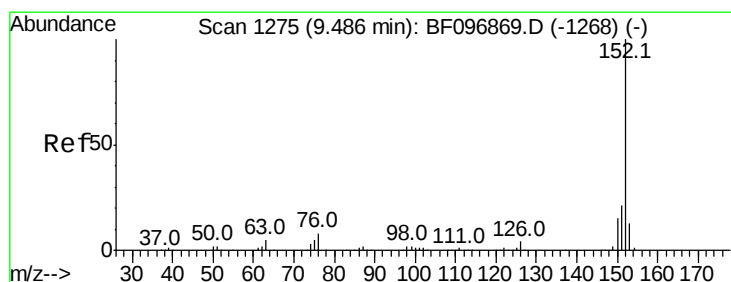
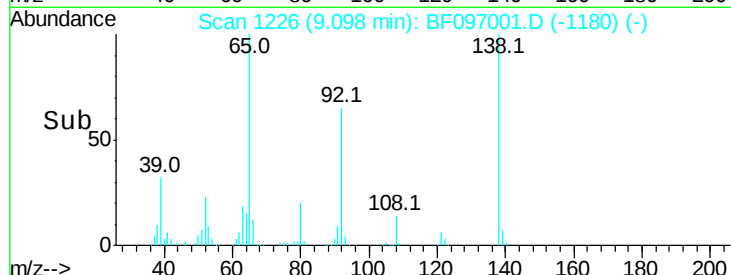
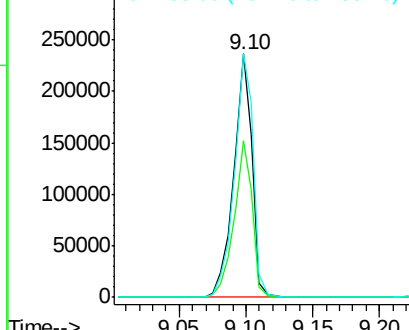


Abundance

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



#48
Acenaphthylene
Concen: 40.091 ng
RT: 9.41 min Scan# 1279
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

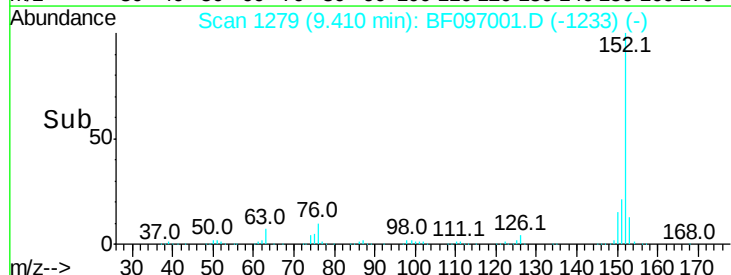
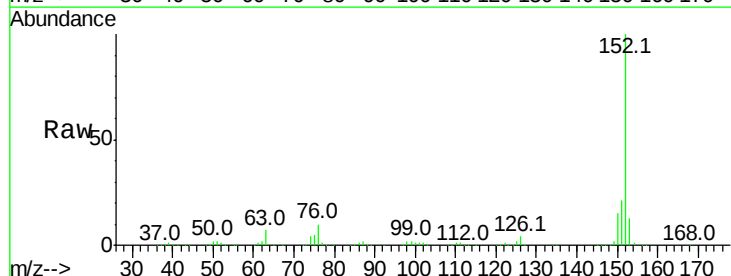
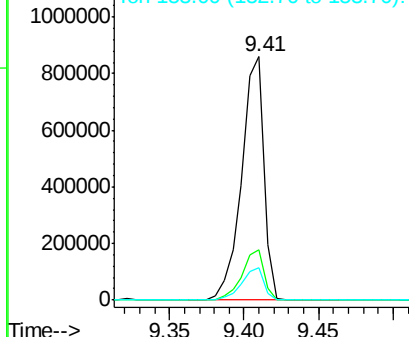
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.3	10.8	16.2

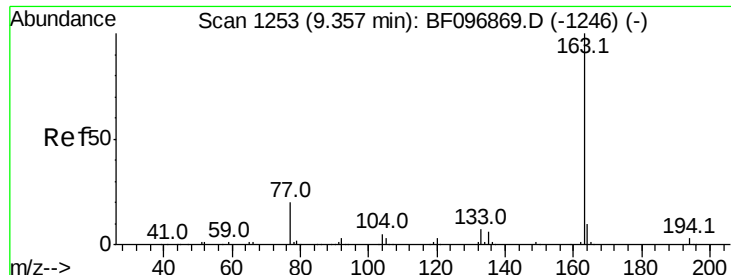
Abundance

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: 49.751 ng
RT: 9.29 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

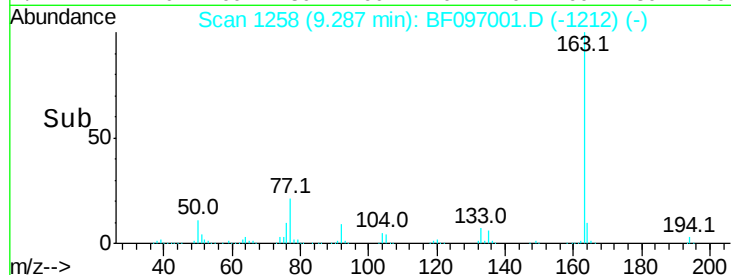
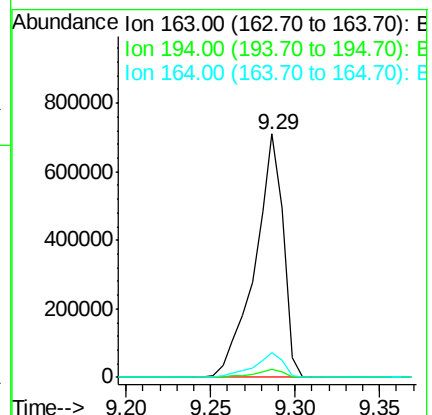
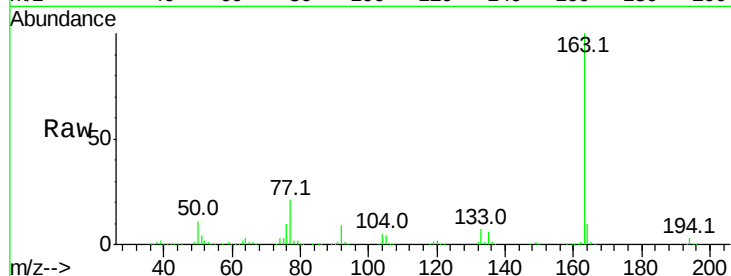
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.3	8.4	12.6	

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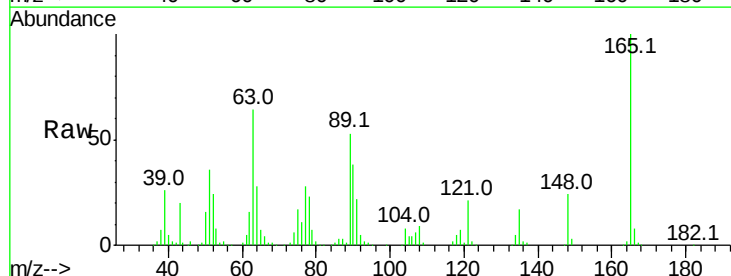
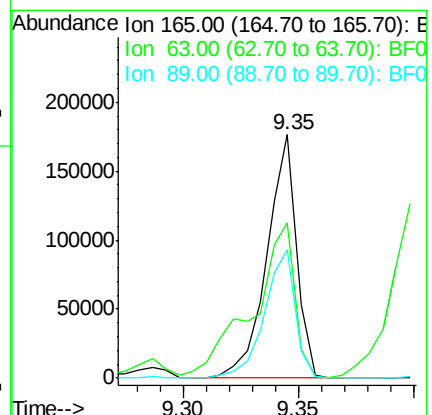
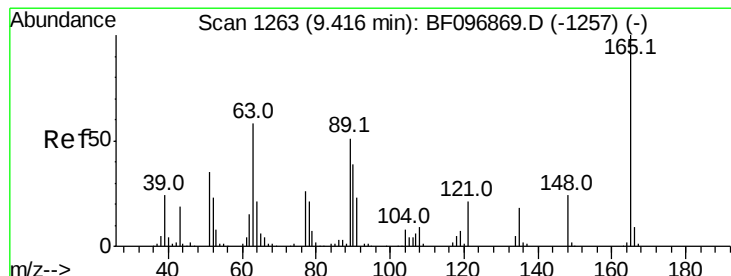
Sohil

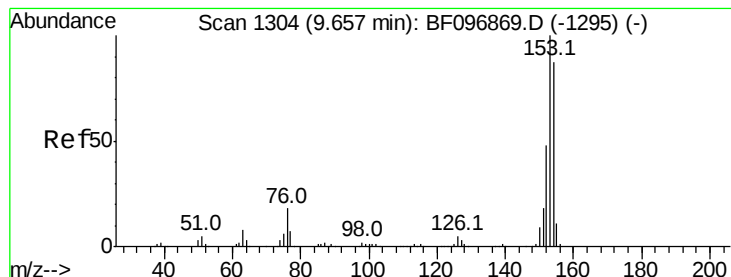
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#50
2,6-Dinitrotoluene
Concen: 43.626 ng
RT: 9.35 min Scan# 1268
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.9	34.3	51.5#	
89	52.9	37.1	55.7	





#51

Acenaphthene

Concen: 39.057 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

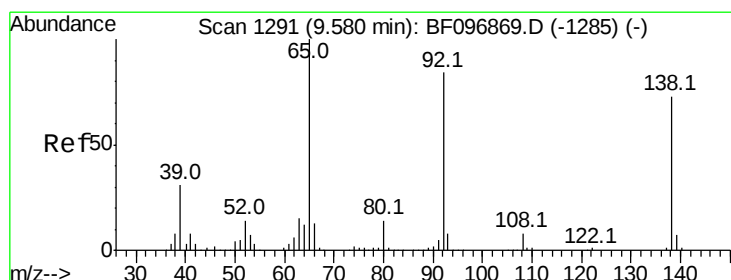
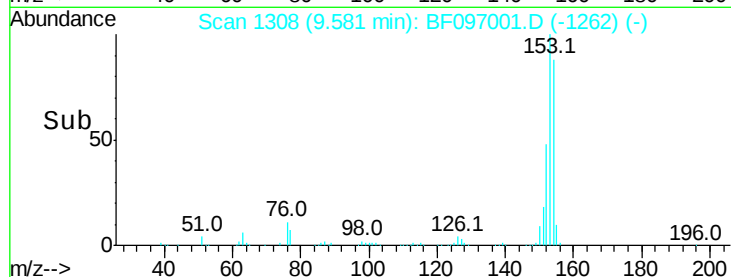
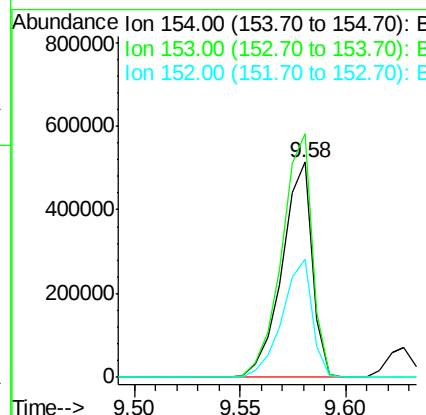
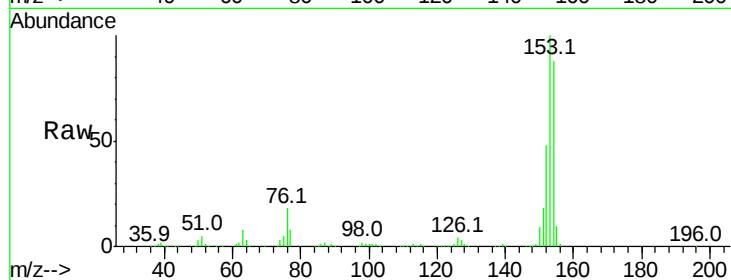
295-N-1-(0-2)MS

Tot Ion:	154	Resp:	513612
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.5	135.7
152	54.7	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 38.506 ng

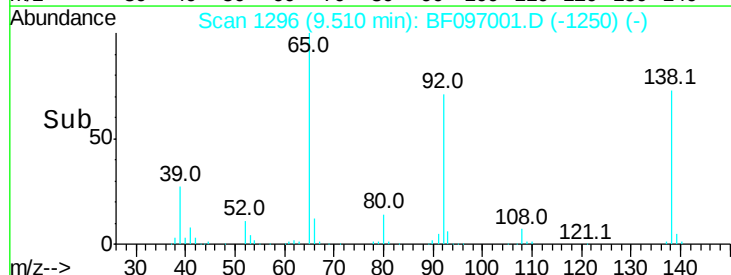
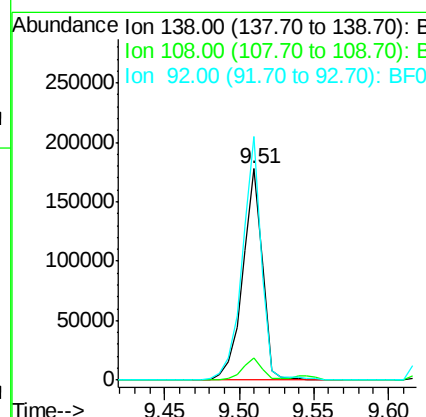
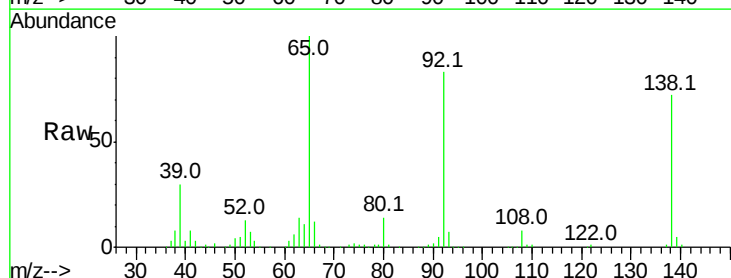
RT: 9.51 min Scan# 1296

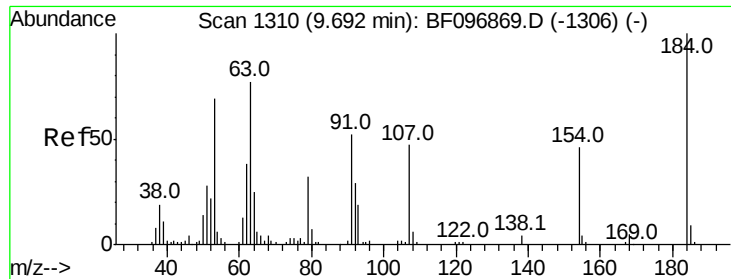
Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Tgt Ion:	138	Resp:	164586
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.1	13.7
92	115.1	93.8	140.6





#53
 2,4-Dinitrophenol
 Concen: 68.092 ng
 RT: 9.63 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

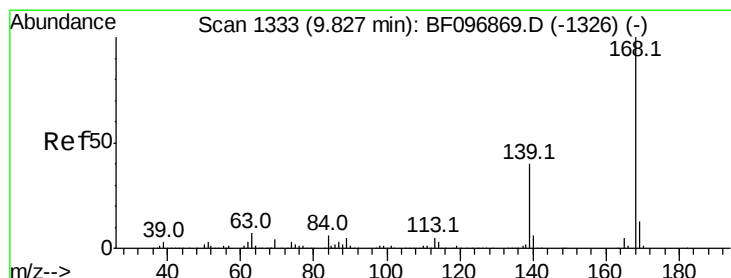
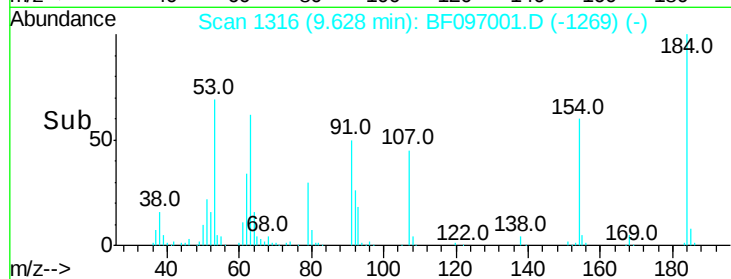
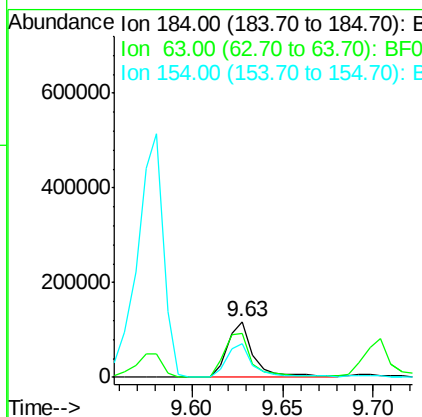
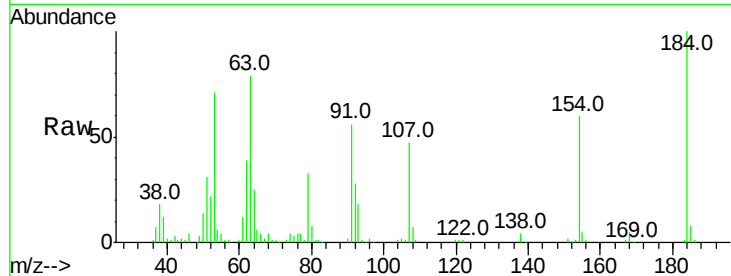
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.0	62.7	94.1
154	60.2	81.1	121.7#

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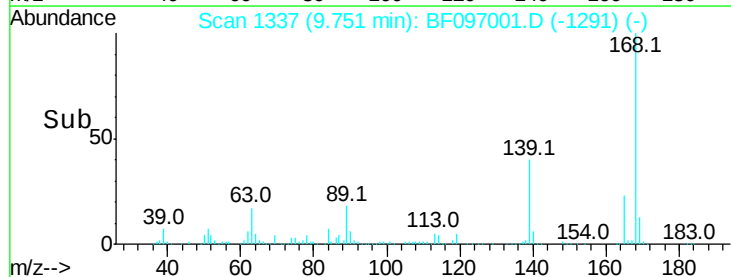
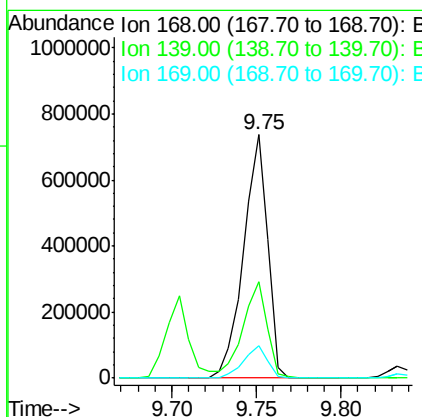
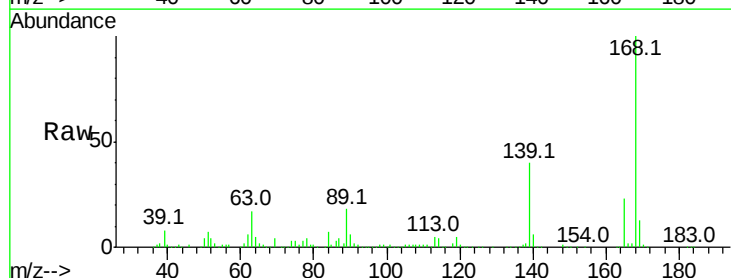
Sohil

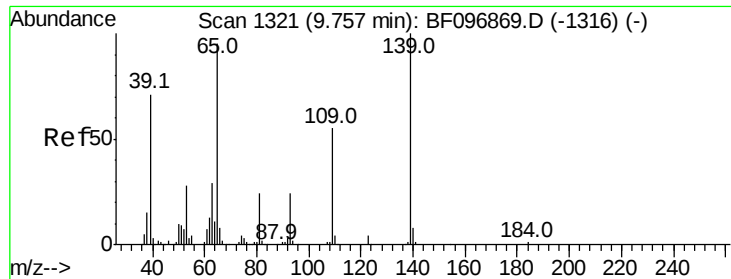
7/25/2017 5:36:24 PM



#54
 Dibenzofuran
 Concen: 39.928 ng
 RT: 9.75 min Scan# 1337
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.6	45.8
169	13.3	10.8	16.2





#55
4-Nitrophenol
Concen: 74.693 ng
RT: 9.70 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

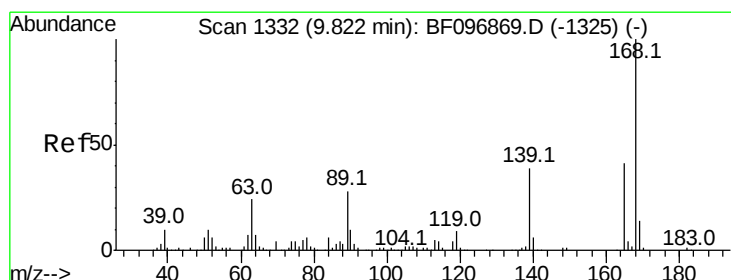
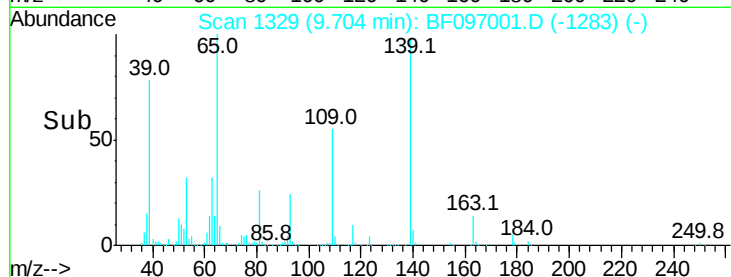
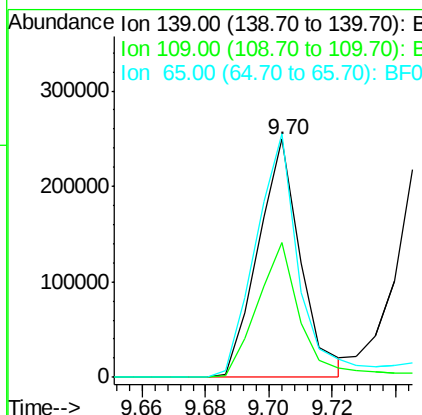
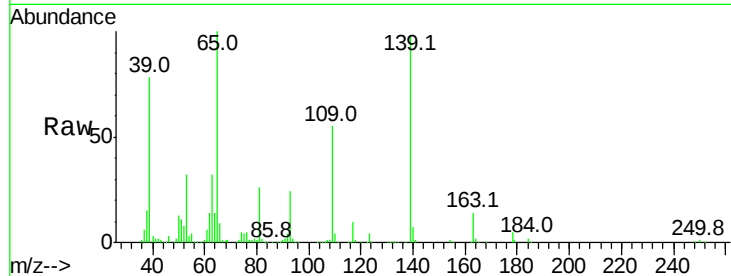
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.5	34.1	74.1	
65	102.2	31.4	71.4	

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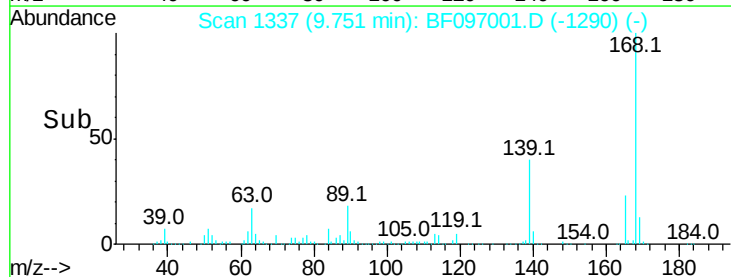
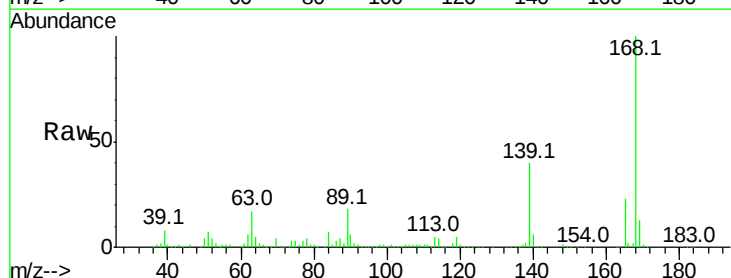
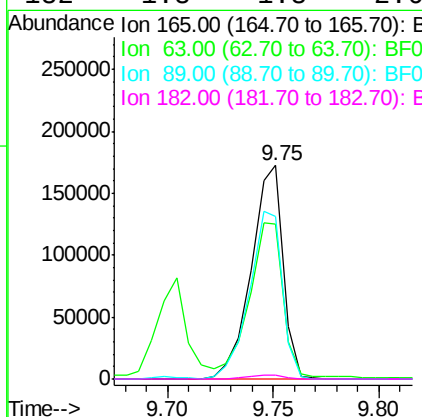
Sohil

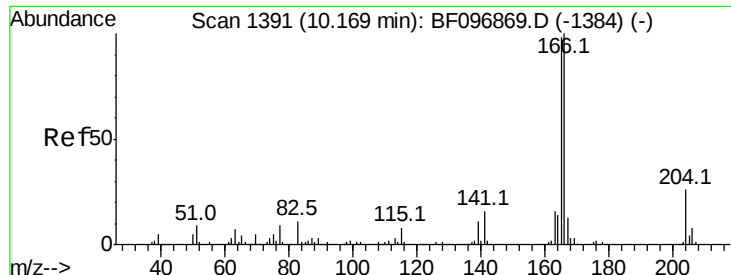
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#56
2,4-Dinitrotoluene
Concen: 38.956 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.8	25.4	38.0	
89	76.1	46.4	69.6	
182	1.8	1.8	2.6	





#57

Fluorene

Concen: 40.330 ng

RT: 10.09 min Scan# 1395

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MS

Tot Ion:166 Resp: 549198

Ion Ratio Lower Upper

166 100

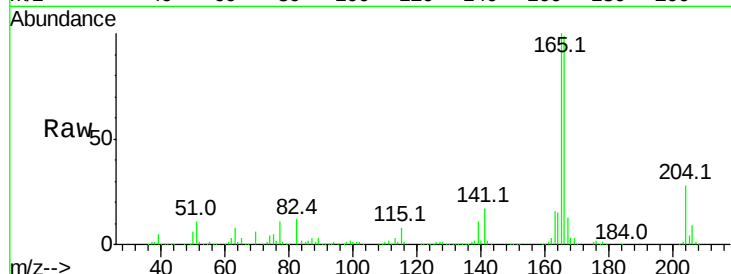
165 101.3 78.8 118.2

167 13.4 10.6 16.0

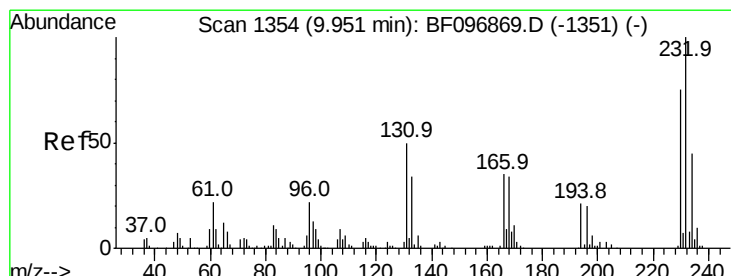
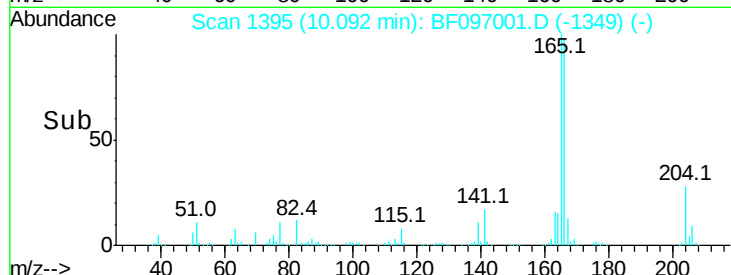
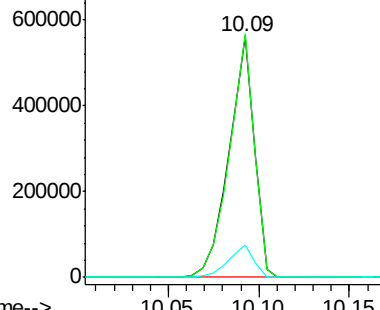
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.078 ng

RT: 9.88 min Scan# 1359

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Tgt Ion:232 Resp: 142173

Ion Ratio Lower Upper

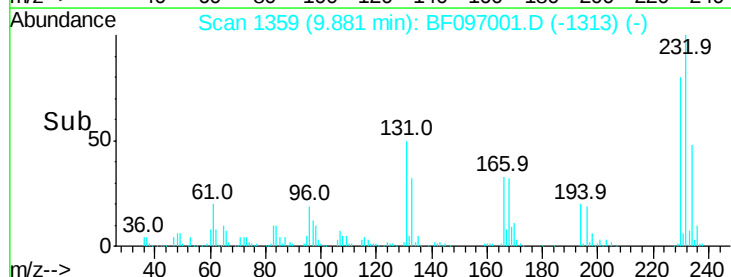
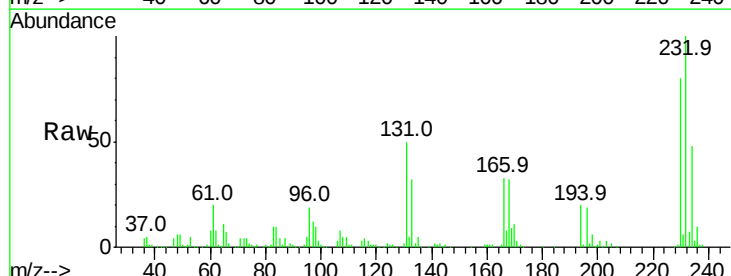
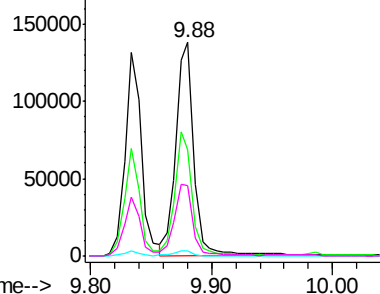
232 100

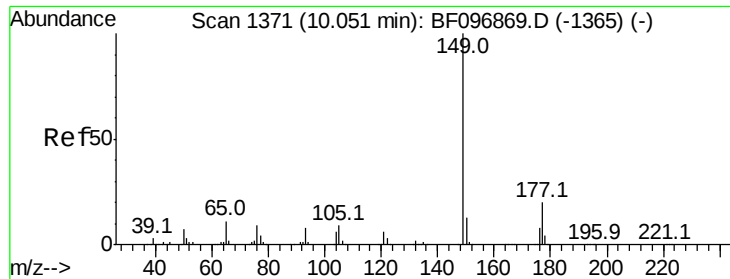
131 57.0 44.8 67.2

130 2.5 2.3 3.5

166 34.0 29.0 43.4

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





#59
Diethylphthalate
Concen: 43.000 ng
RT: 9.99 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

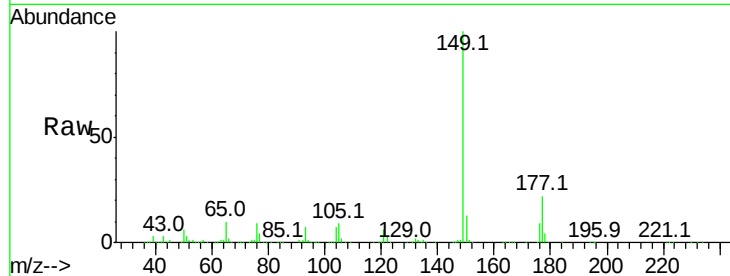
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.6	10.2	15.2

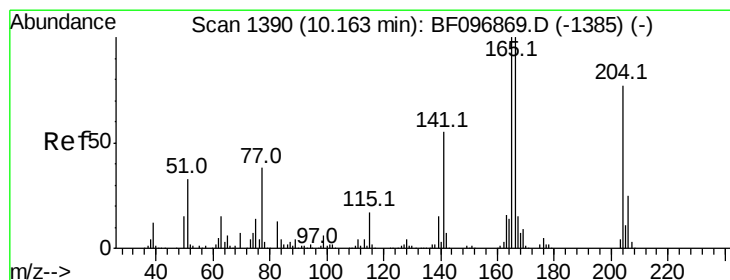
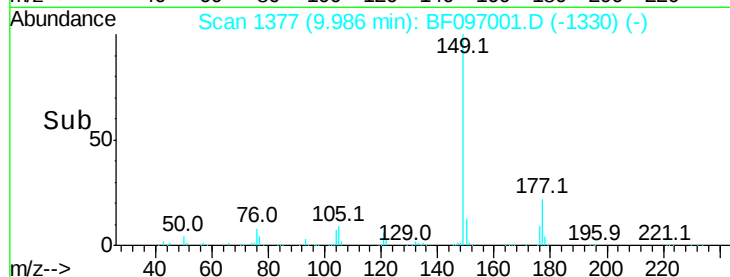
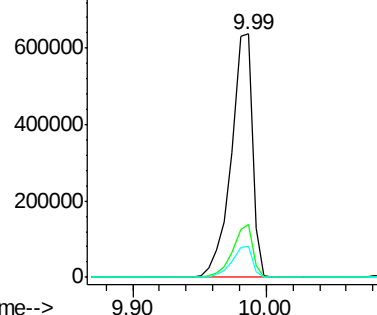
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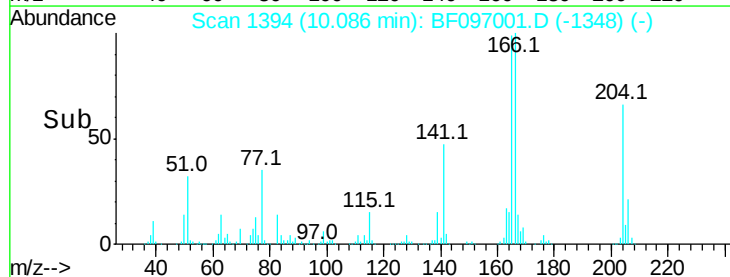
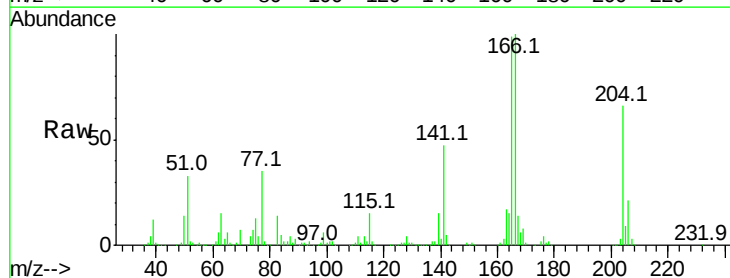
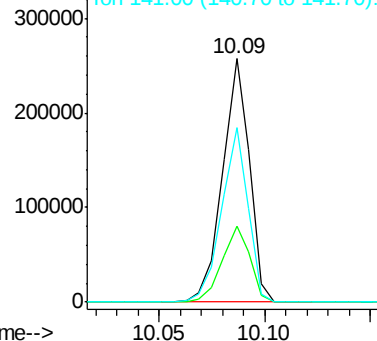
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

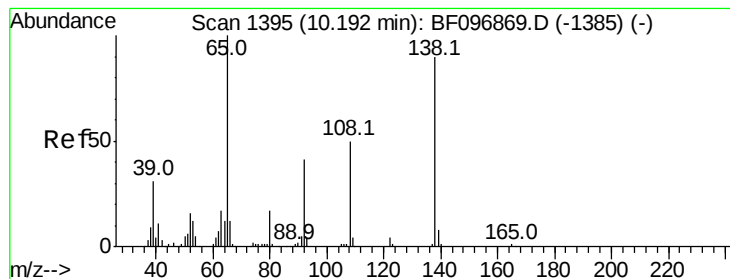


#60
4-Chlorophenyl-phenylether
Concen: 38.876 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.1	26.2	39.2
141	71.4	60.8	91.2

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





#61

4-Nitroaniline

Concen: 48.526 ng

RT: 10.12 min Scan# 1400

Delta R.T. -0.04 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MS

Tot Ion:138 Resp: 194776

Ion Ratio Lower Upper

138 100

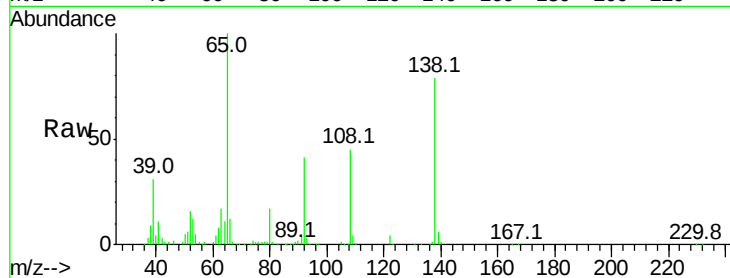
92 51.3 21.8 61.8

108 57.2 42.3 82.3

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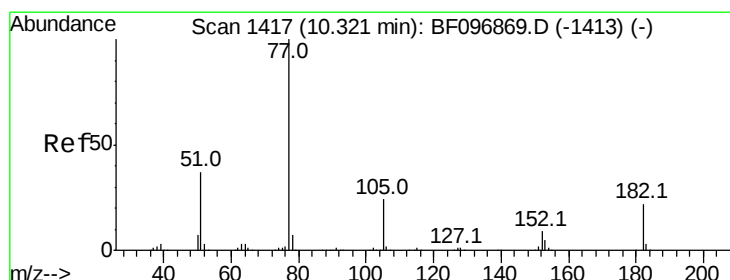
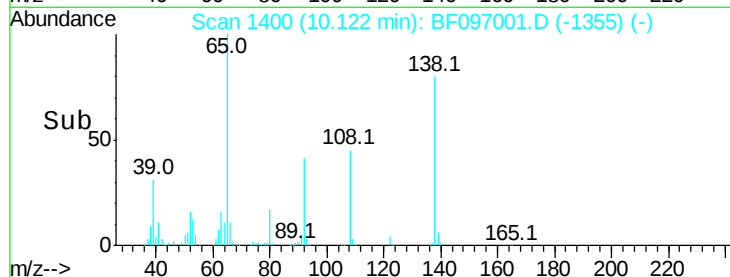
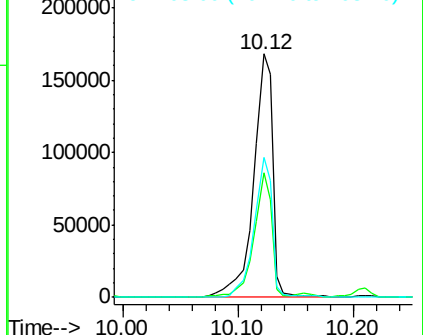
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.549 ng

RT: 10.25 min Scan# 1421

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Tgt Ion: 77 Resp: 637315

Ion Ratio Lower Upper

77 100

182 20.3 0.1 40.1

105 24.2 3.6 43.6

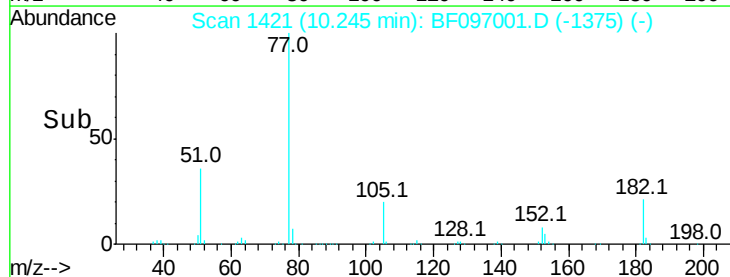
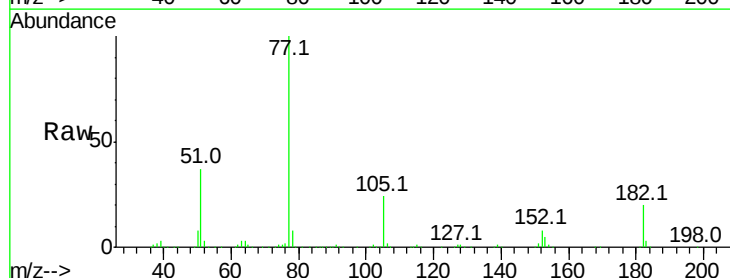
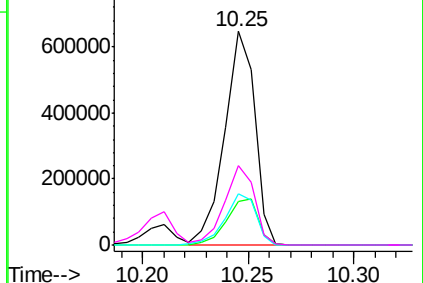
51 37.1 9.4 49.4

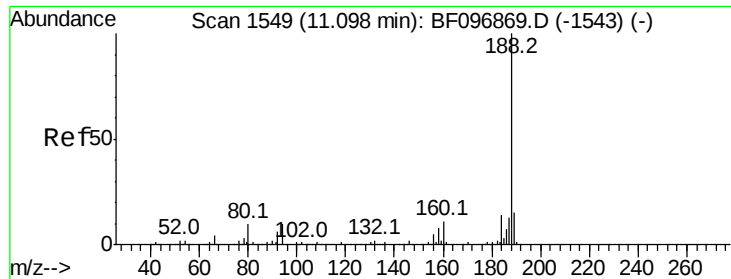
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

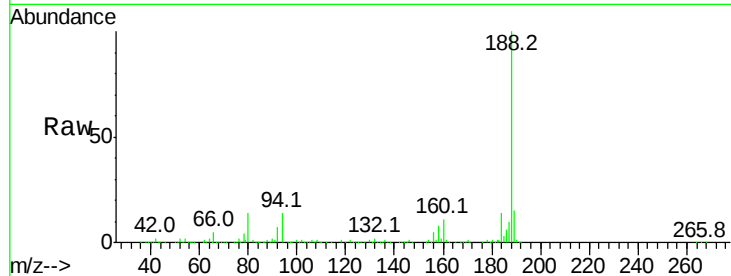
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	13.7	9.4	14.2	
80	13.9	10.2	15.2	

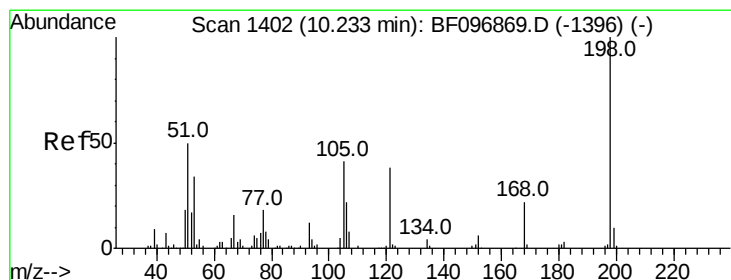
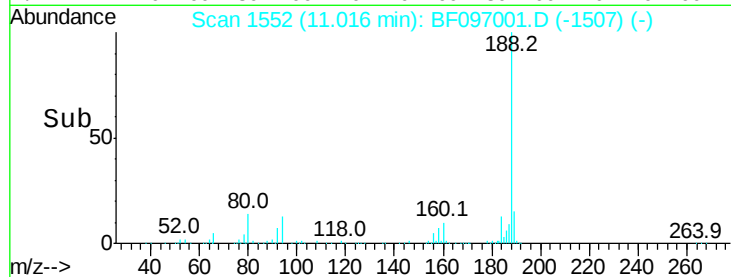
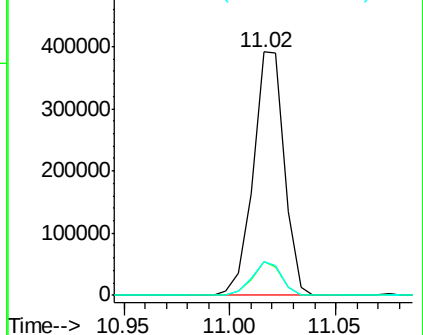
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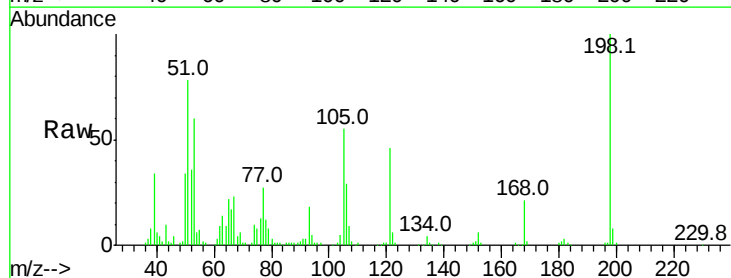


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

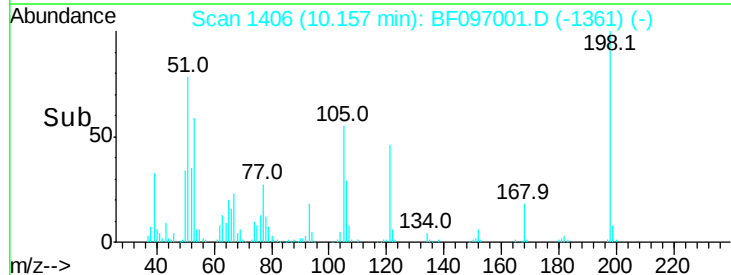
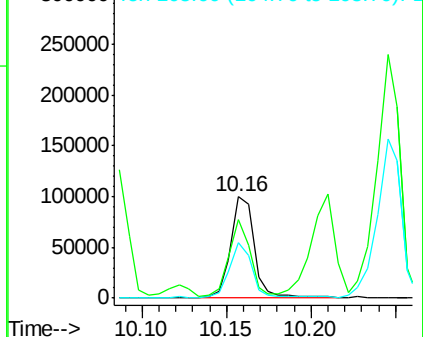


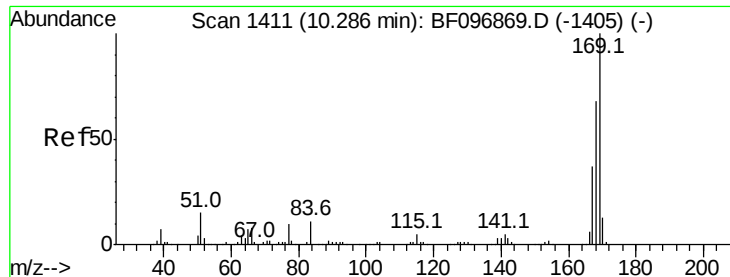
#64
4,6-Dinitro-2-methylphenol
Concen: 38.959 ng
RT: 10.16 min Scan# 1406
Delta R.T. -0.04 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	78.1	53.2	93.2	
105	54.6	45.8	85.8	



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.824 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MS

Tot Ion:169 Resp: 514094

Ion Ratio Lower Upper

169 100

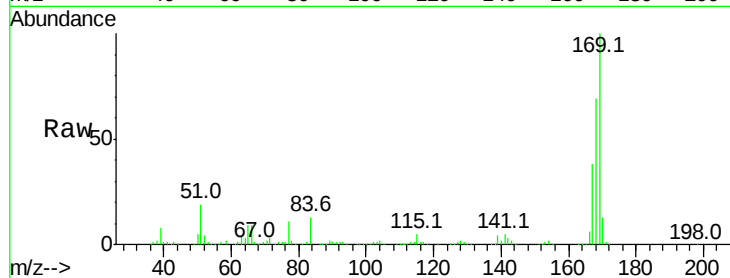
168 68.7 53.2 79.8

167 37.7 29.5 44.3

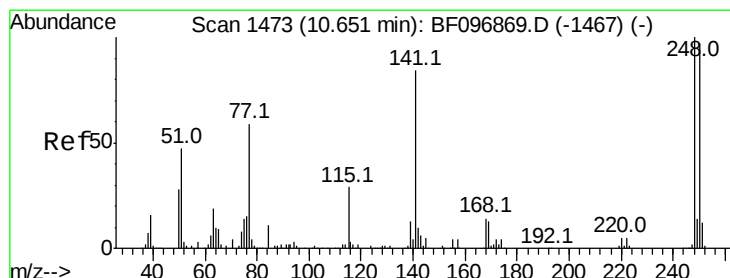
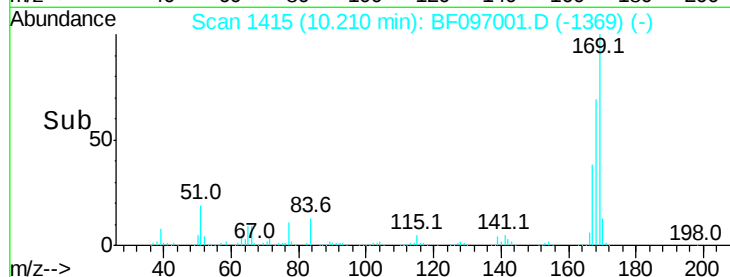
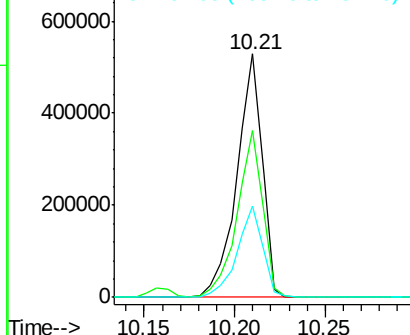
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.913 ng

RT: 10.57 min Scan# 1477

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

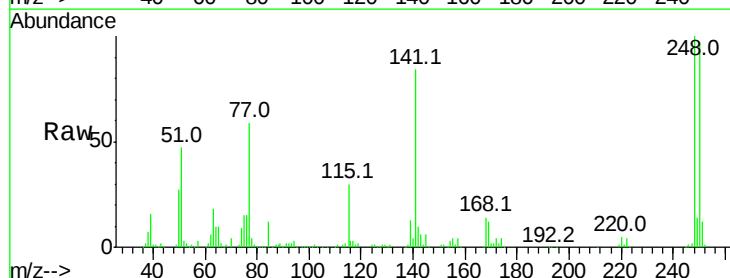
Tgt Ion:248 Resp: 147201

Ion Ratio Lower Upper

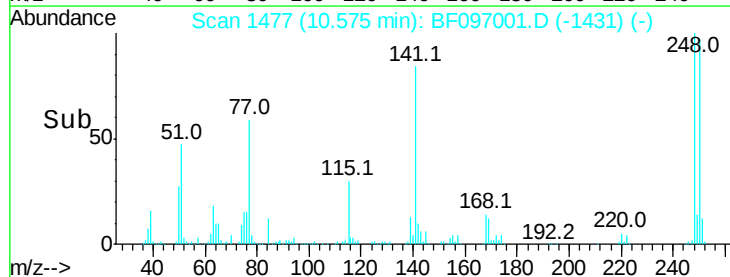
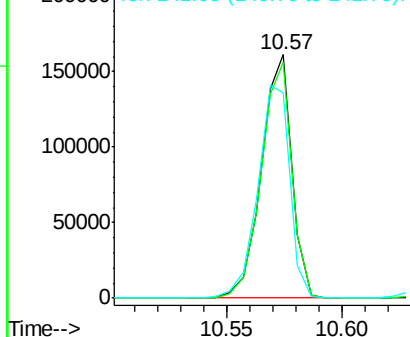
248 100

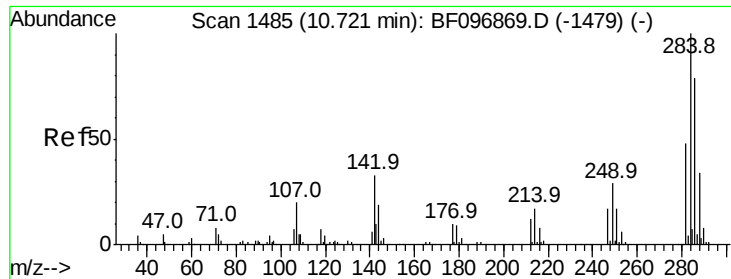
250 96.7 76.8 115.2

141 84.1 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: 34.846 ng
RT: 10.64 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

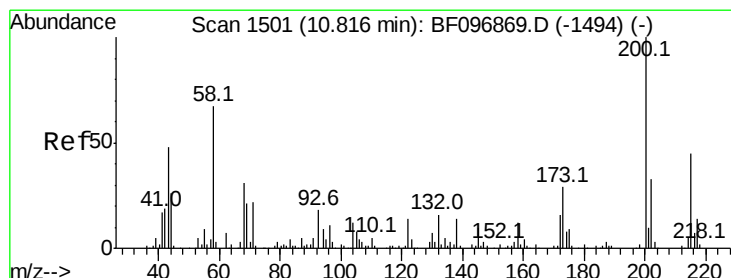
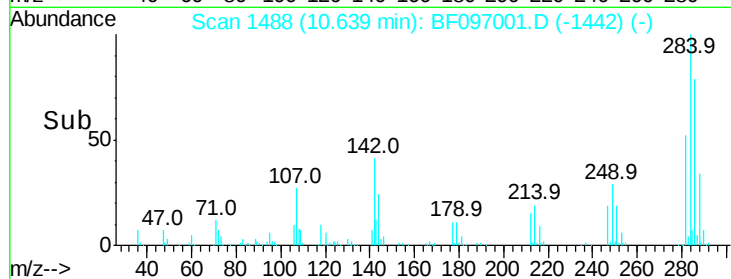
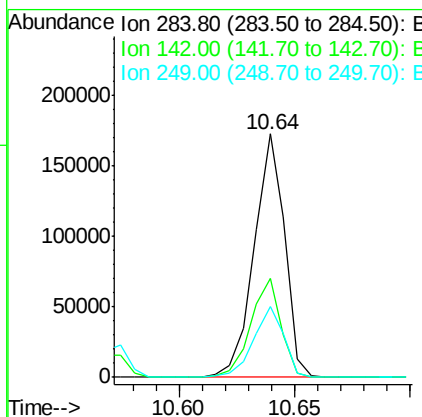
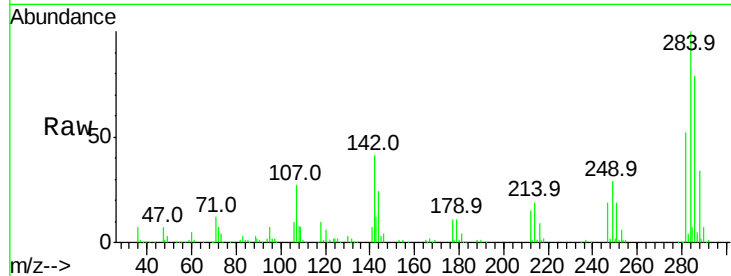
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.8	22.8	34.2#
249	29.2	24.0	36.0

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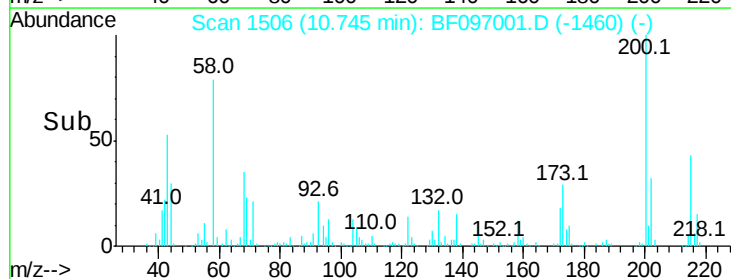
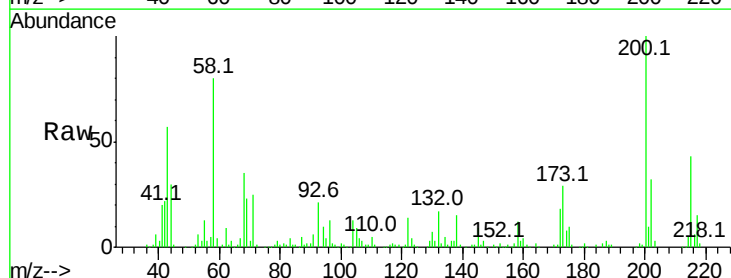
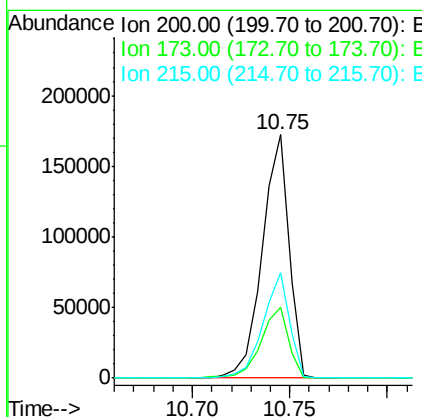
Sohil

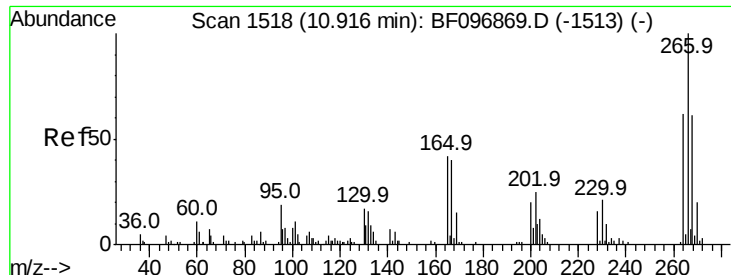
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#68
Atrazine
Concen: 40.263 ng
RT: 10.75 min Scan# 1506
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	6.3	46.3
215	43.4	27.2	67.2





#69
 Pentachlorophenol
 Concen: 59.888 ng
 RT: 10.84 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

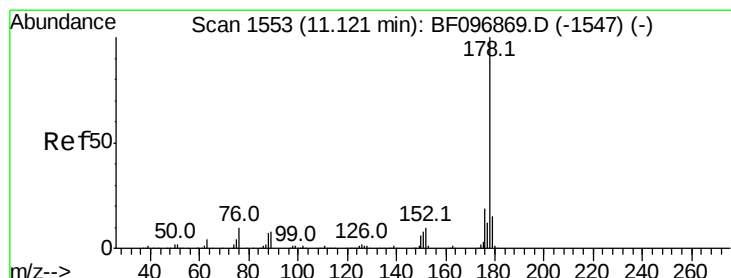
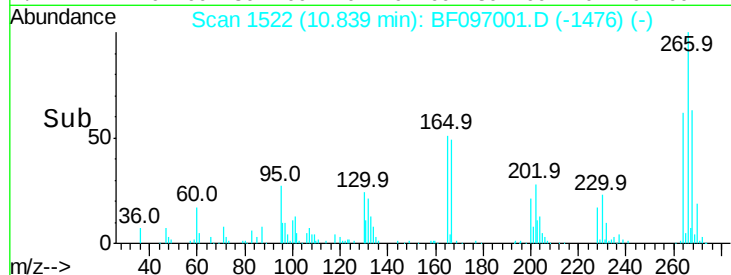
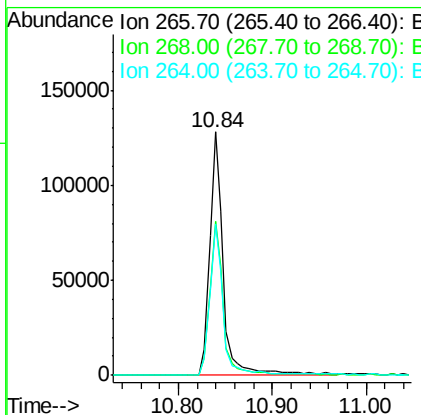
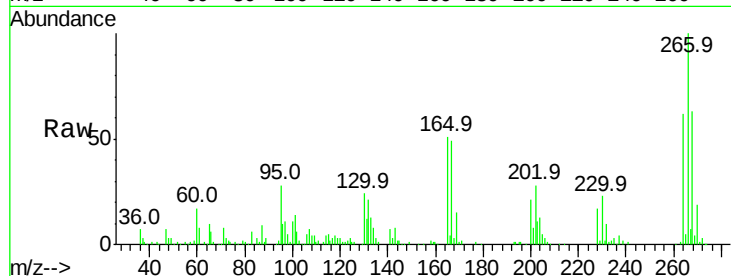
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.4	51.7	77.5

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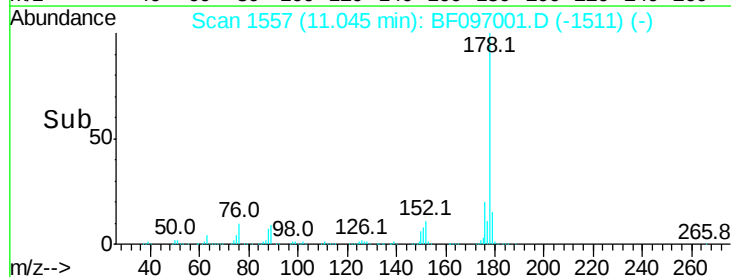
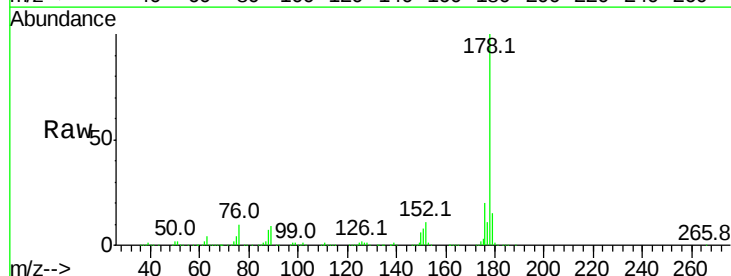
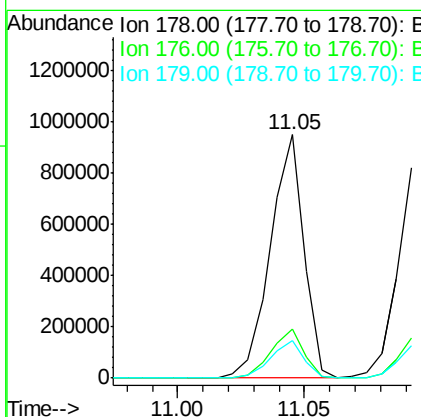
Sohil

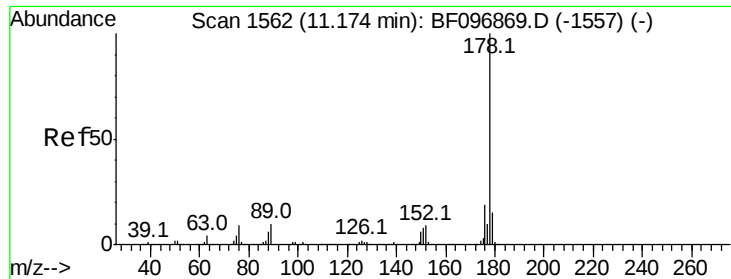
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#70
 Phenanthrene
 Concen: 40.481 ng
 RT: 11.05 min Scan# 1557
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.3	12.6	19.0





#71
 Anthracene
 Concen: 40.385 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

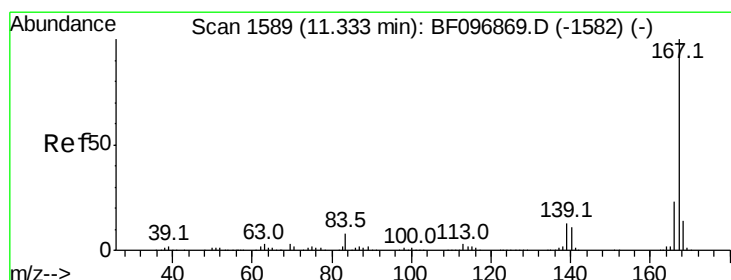
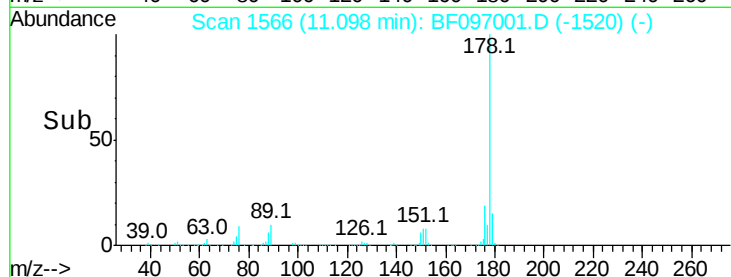
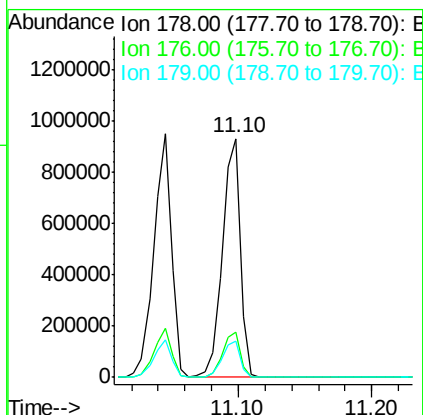
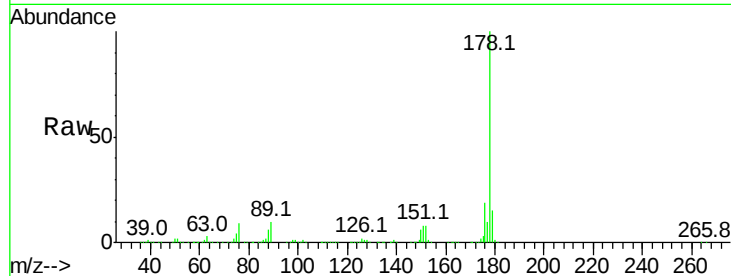
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion:178	Resp:	891327
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.8 23.8
179	15.2	12.7 19.1

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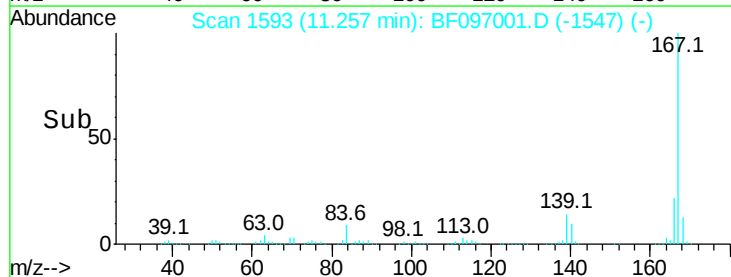
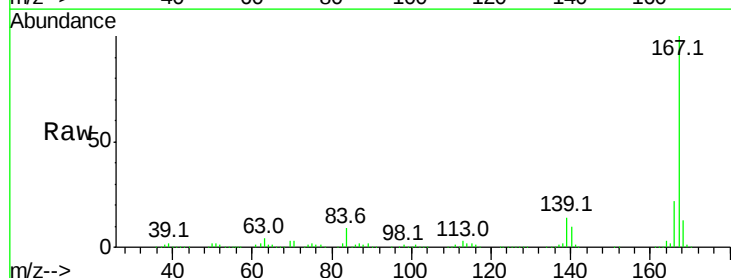
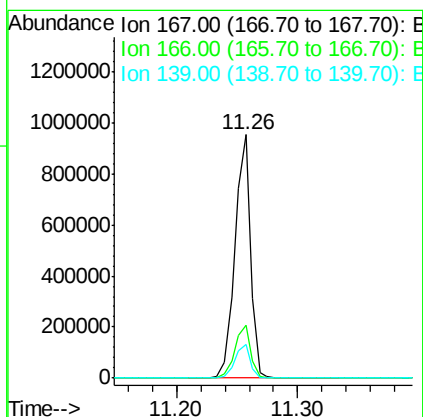
Sohil

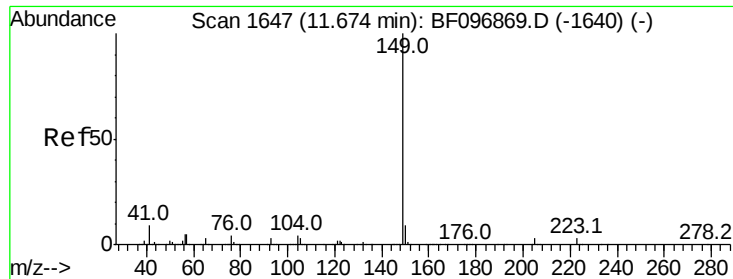
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#72
 Carbazole
 Concen: 40.414 ng
 RT: 11.26 min Scan# 1593
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion:167	Resp:	863760
Ion Ratio	Lower	Upper
167	100	
166	22.0	18.1 27.1
139	14.0	11.7 17.5





#73

Di-n-butylphthalate

Concen: 36.007 ng

RT: 11.60 min Scan# 1651

Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

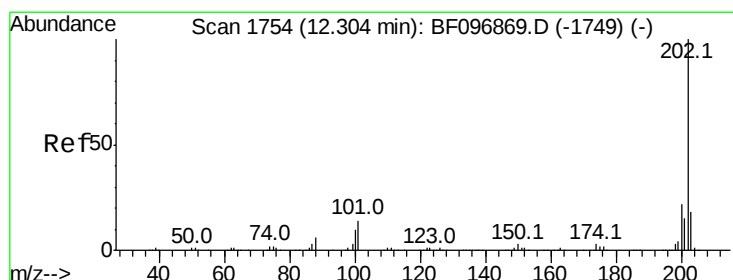
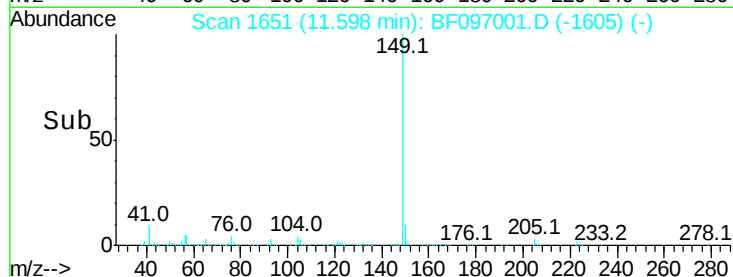
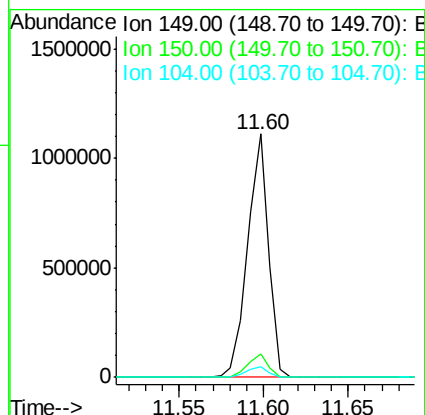
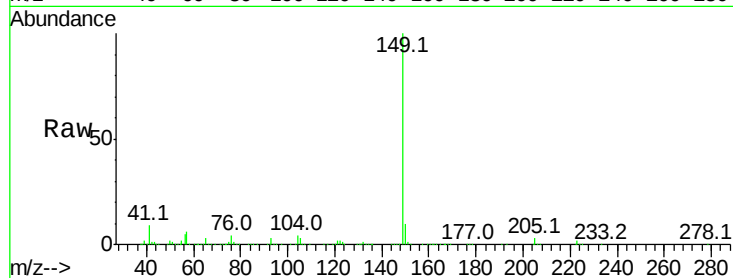
295-N-1-(0-2)MS

Tot Ion:	149	Resp:	958424
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.5	4.0	6.0

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#74

Fluoranthene

Concen: 37.877 ng

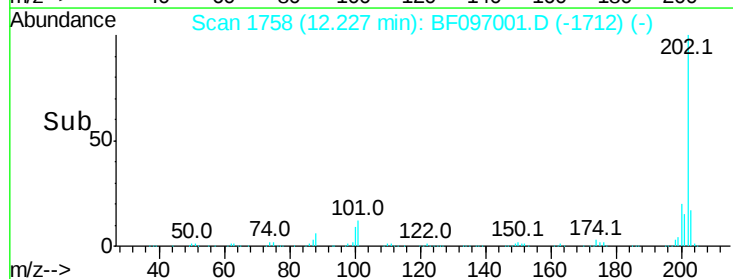
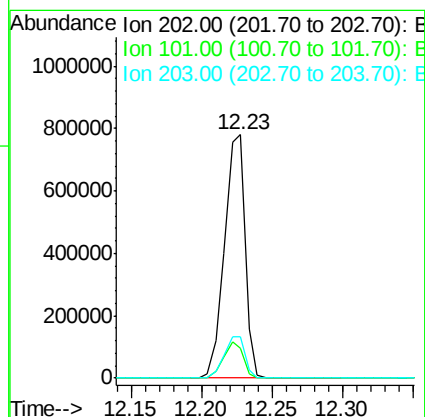
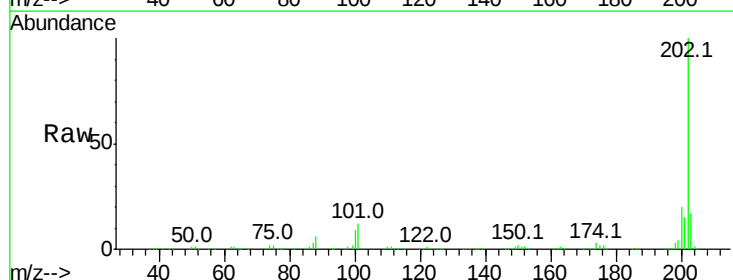
RT: 12.23 min Scan# 1758

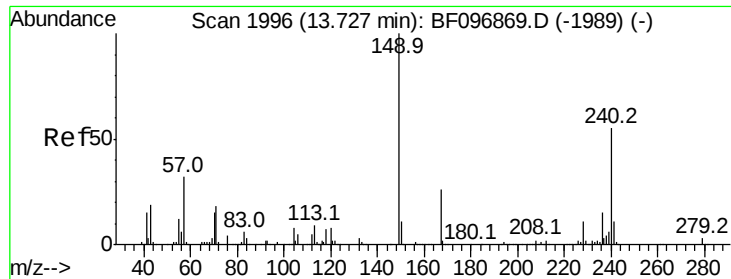
Delta R.T. -0.03 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Tgt Ion:	202	Resp:	791414
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.65 min Scan# 1999

Delta R.T. -0.04 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

295-N-1-(0-2)MS

Tot Ion:240 Resp: 220156
Ion Ratio Lower Upper

240 100

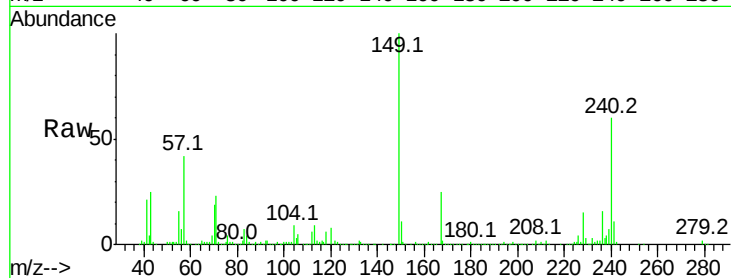
120 13.7 5.8 8.8#

236 25.8 20.5 30.7

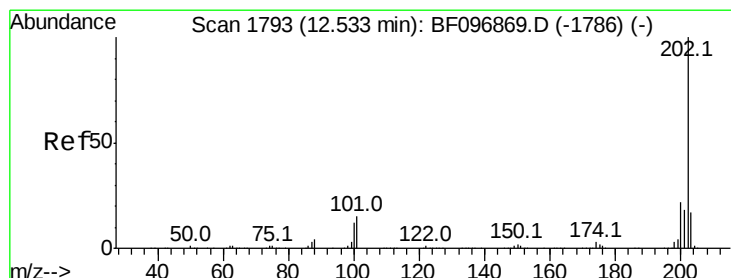
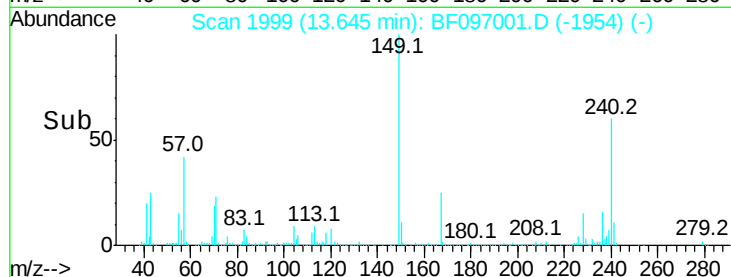
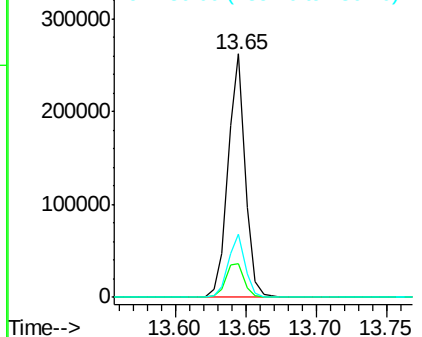
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 40.800 ng

RT: 12.45 min Scan# 1796

Delta R.T. -0.03 min

Lab File: BF097001.D

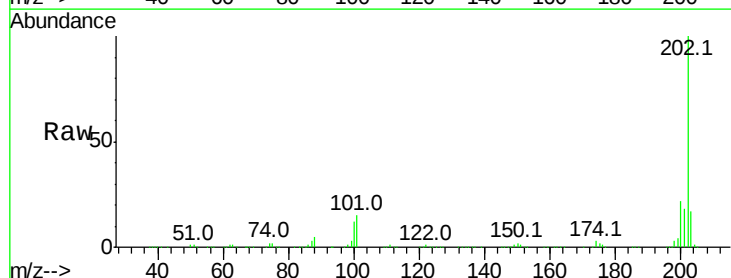
Acq: 24 Jul 2017 22:42

Tgt Ion:202 Resp: 815203
Ion Ratio Lower Upper

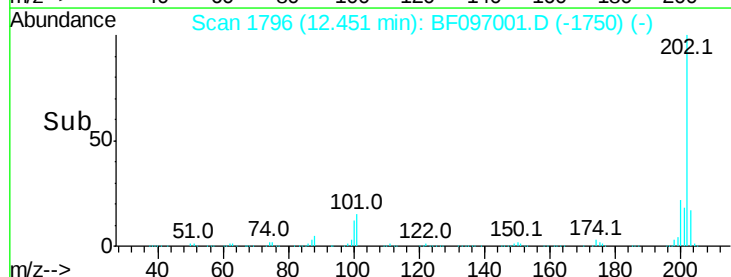
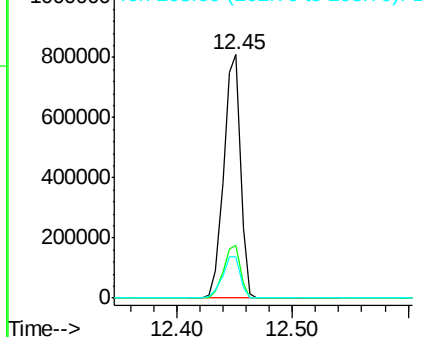
202 100

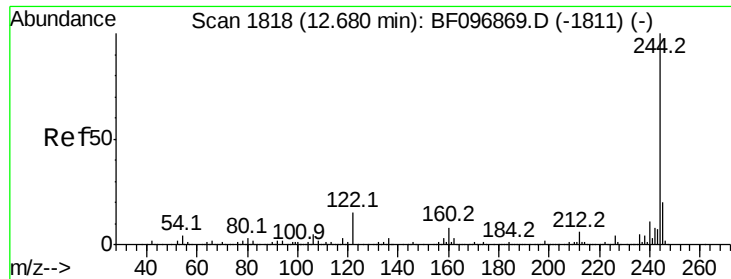
200 21.7 17.6 26.4

203 17.1 14.4 21.6



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





#78
 Terphenyl-d14
 Concen: 63.805 ng
 RT: 12.60 min Scan# 1822
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

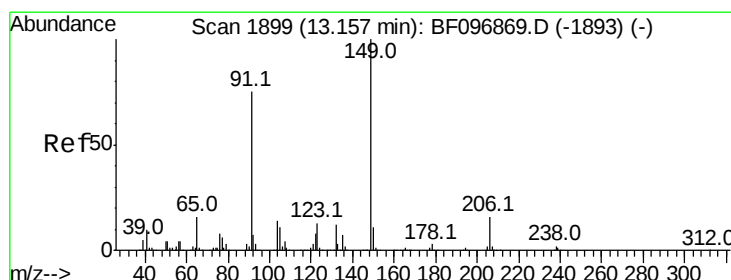
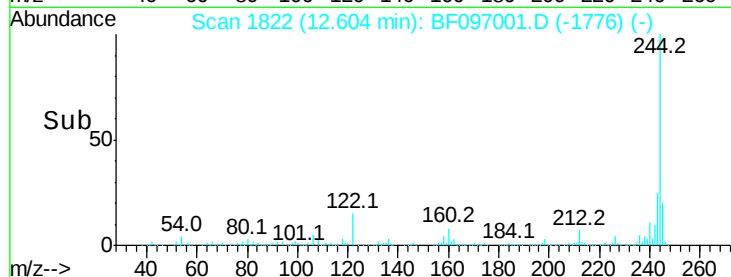
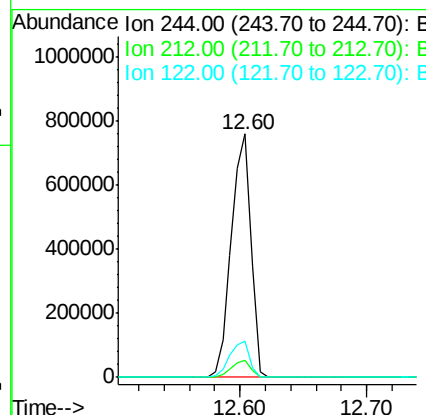
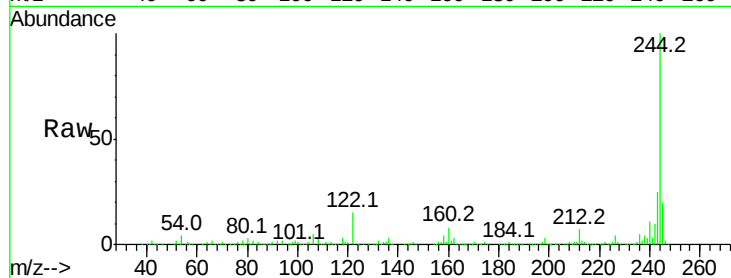
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.7	10.3	15.5

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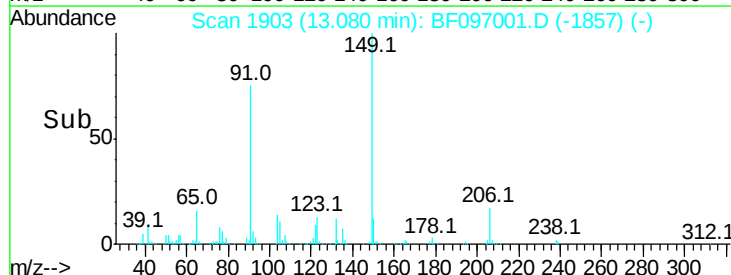
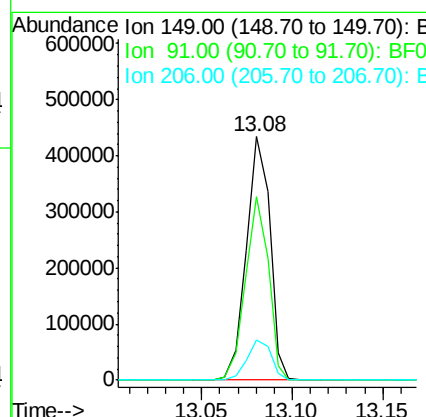
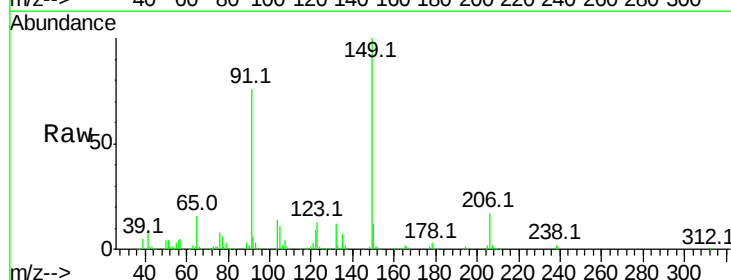
Sohil

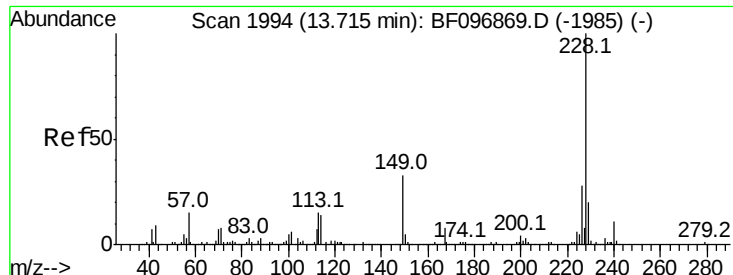
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#79
 Butylbenzylphthalate
 Concen: 41.436 ng
 RT: 13.08 min Scan# 1903
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	45.0	67.4#
206	16.7	17.0	25.6#





#80
Benzo(a)anthracene
Concen: 42.634 ng
RT: 13.63 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

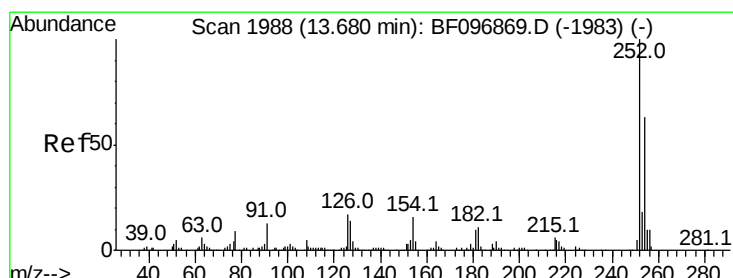
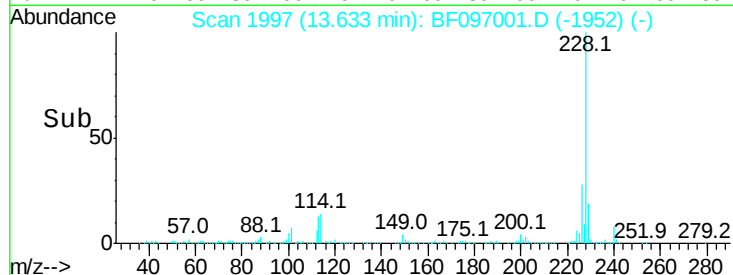
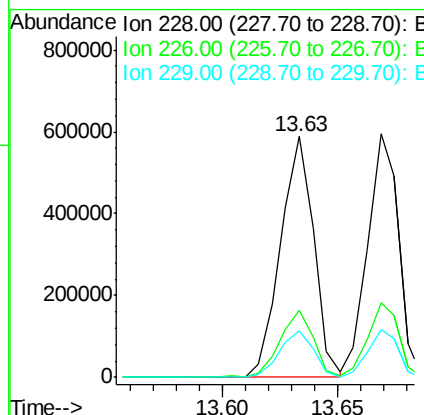
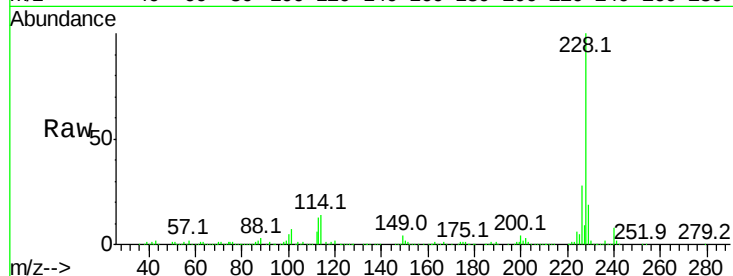
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

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

Manual Integrations
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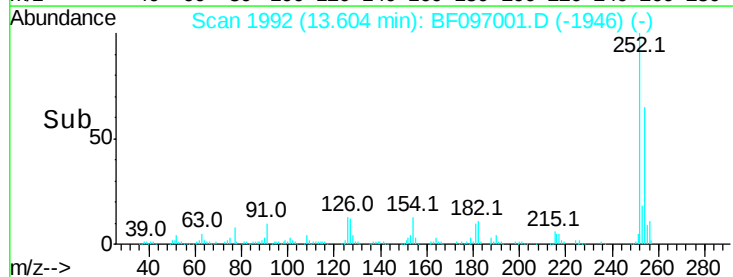
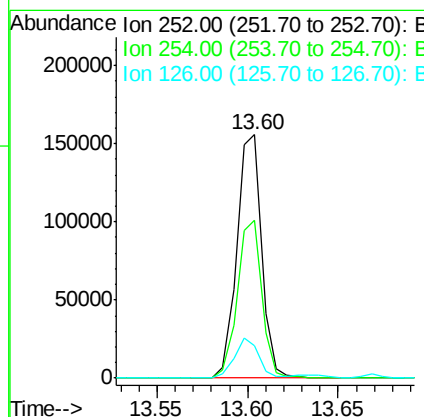
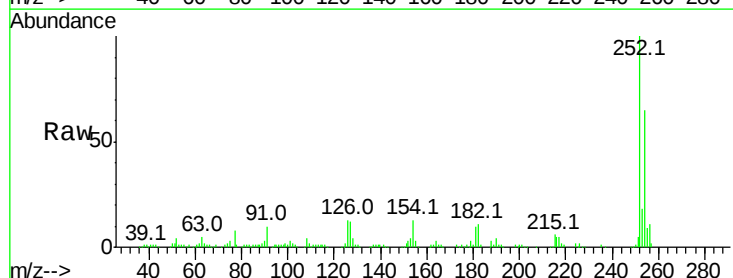
Sohil

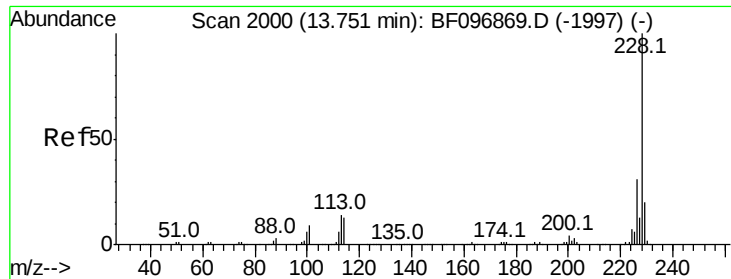
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#81
3,3'-Dichlorobenzidine
Concen: 30.171 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	64.7	51.5	77.3		
126	13.3	15.8	23.8		





#82
 Chrvsene
 Concen: 41.035 ng
 RT: 13.67 min Scan# 2003
 Delta R.T. -0.04 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

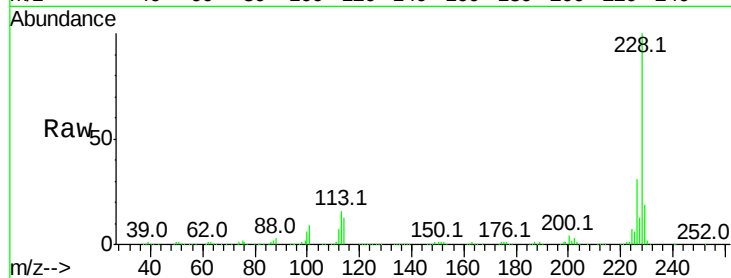
Instrument :
 BNA_F
 ClientSampleId :
 295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.4	15.8	23.6

Manual Integrations
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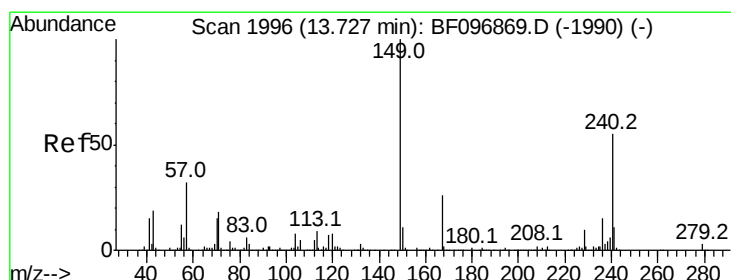
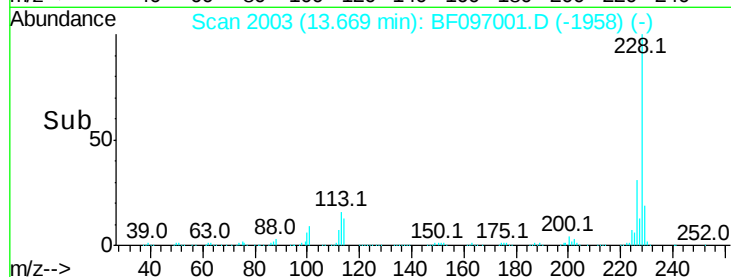
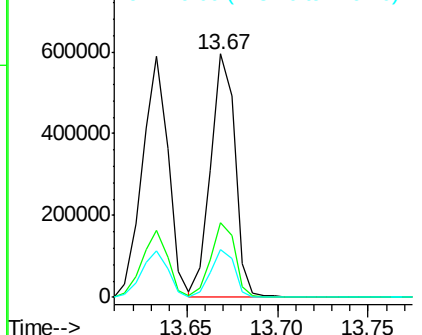


Abundance

Ion 228.00 (227.70 to 228.70): E

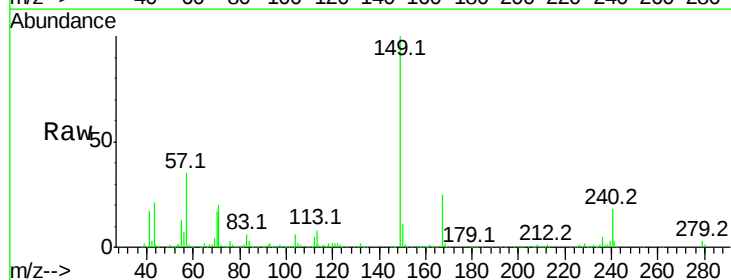
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.555 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.03 min
 Lab File: BF097001.D
 Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.0	31.4
279	2.7	1.9	2.9

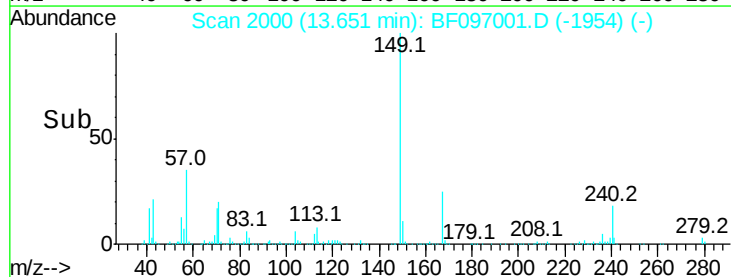
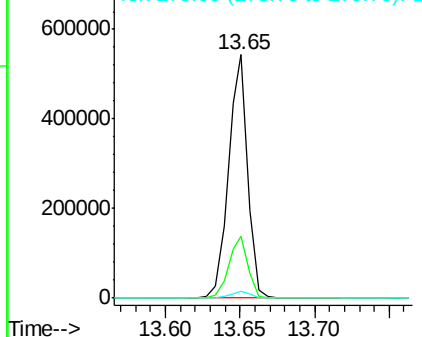


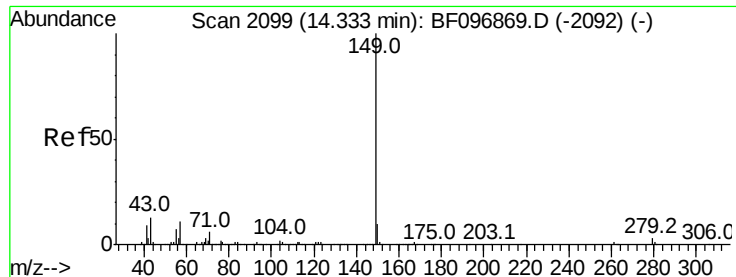
Abundance

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





#84
Di-n-octyl phthalate
Concen: 42.021 ng
RT: 14.26 min Scan# 2103
Delta R.T. -0.03 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

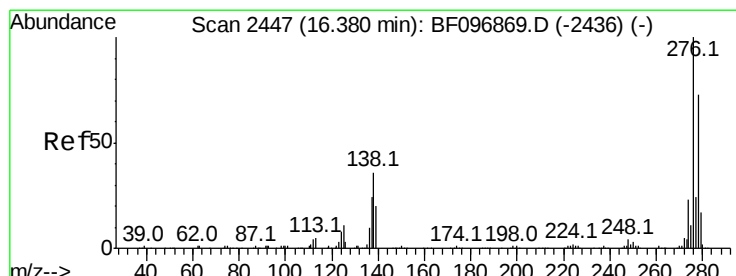
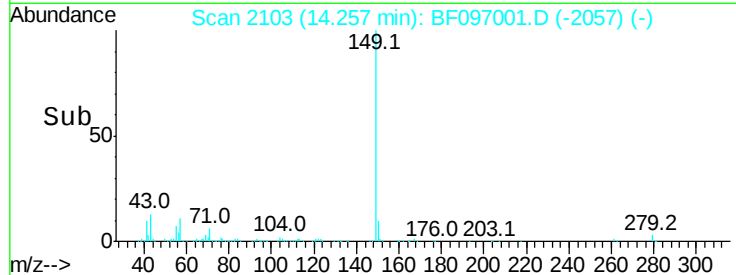
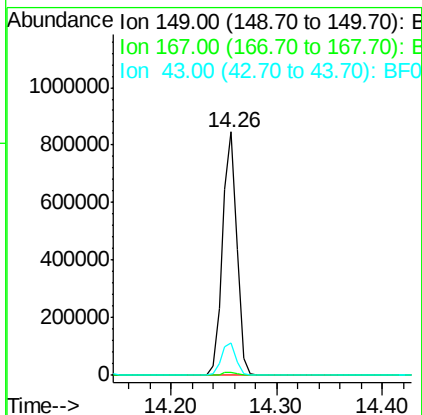
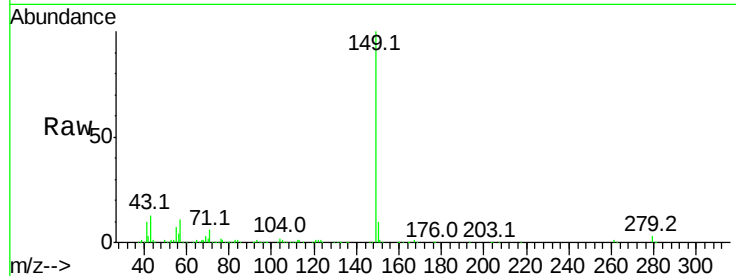
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	13.4	8.5	12.7

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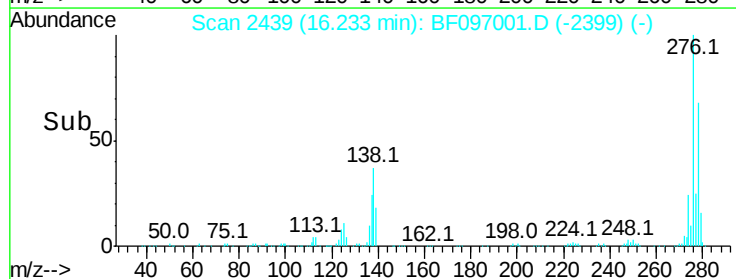
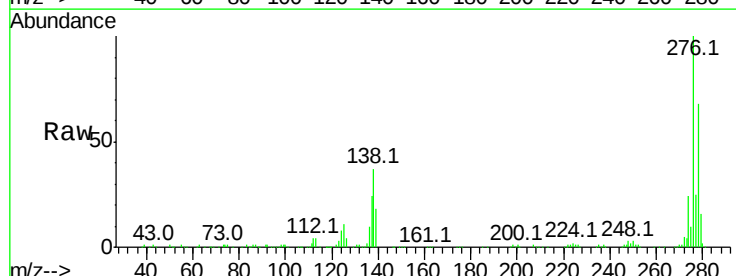
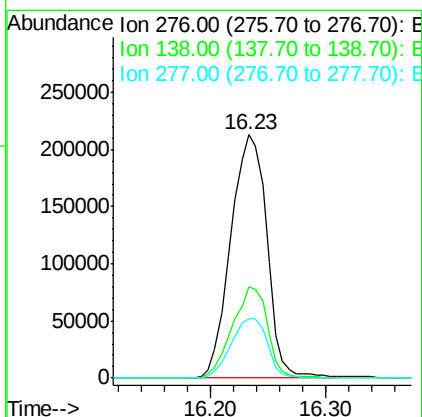
Sohil

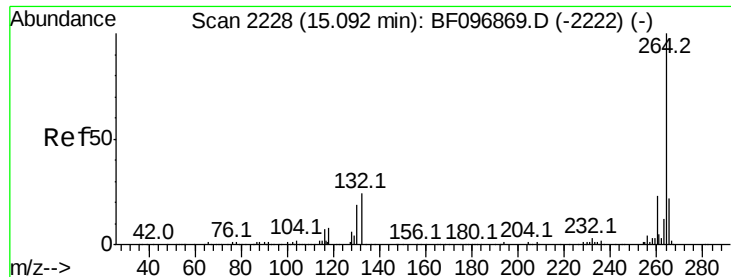
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#85
Indeno(1,2,3-cd)pyrene
Concen: 37.193 ng
RT: 16.23 min Scan# 2439
Delta R.T. -0.06 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.6	27.8	41.6
277	24.9	20.2	30.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 14.99 min Scan# 2228

Delta R.T. -0.04 min

Lab File: BF097001.D

Acq: 24 Jul 2017 22:42

Instrument :

BNA_F

ClientSampleId :

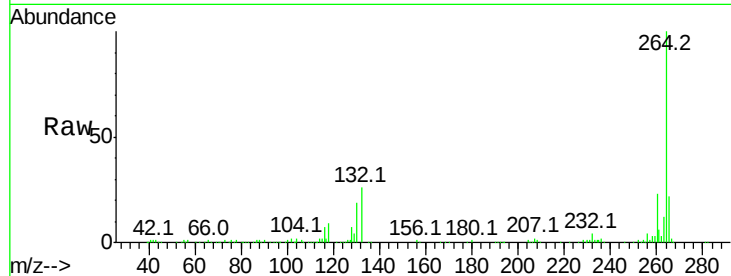
295-N-1-(0-2)MS

Tot Ion:	264	Resp:	185659
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.5	29.3
265	21.7	17.2	25.8

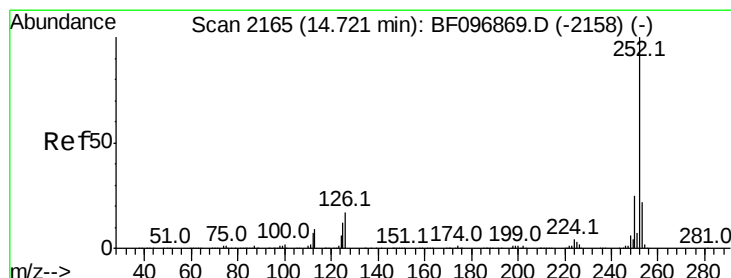
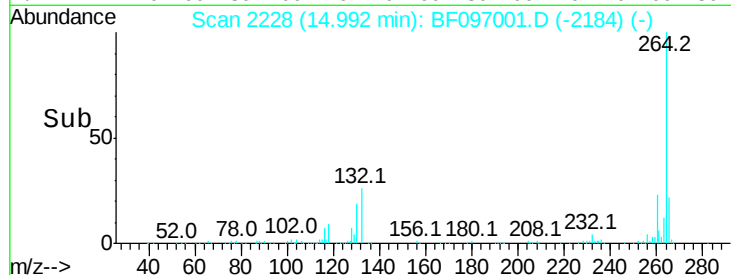
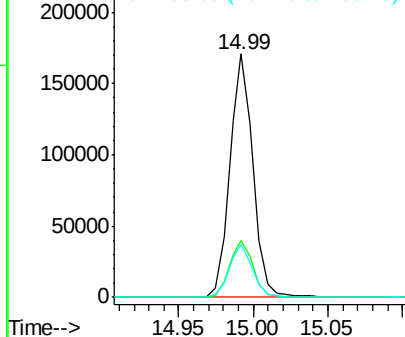
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 42.312 ng

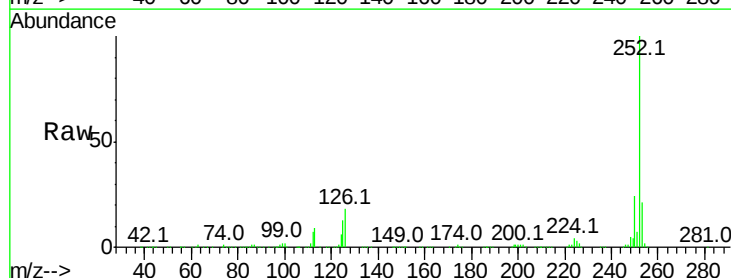
RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

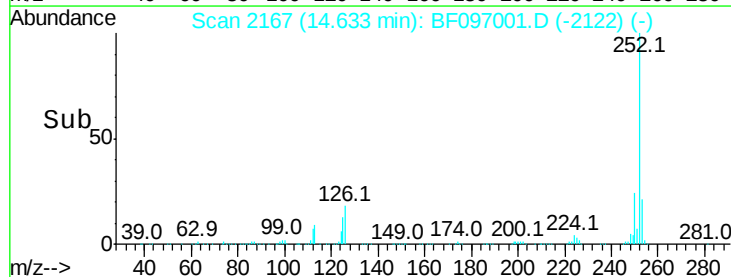
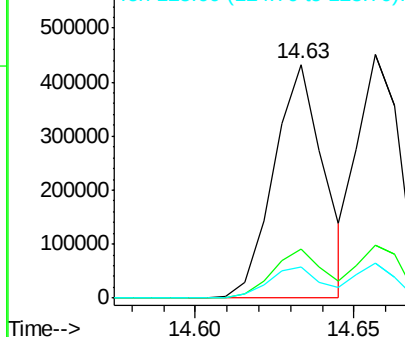
Lab File: BF097001.D

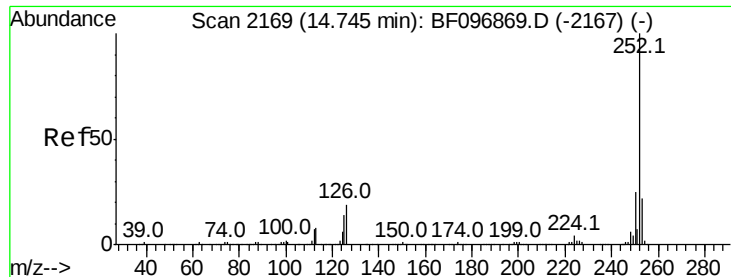
Acq: 24 Jul 2017 22:42

Tgt Ion:	252	Resp:	473778
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.1	27.1
125	13.3	9.8	14.8



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





#88
Benzo(k)fluoranthene
Concen: 40.312 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.04 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

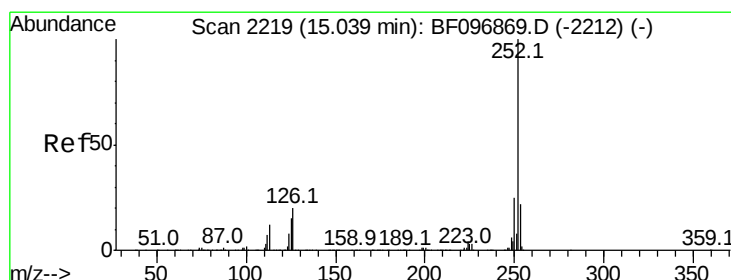
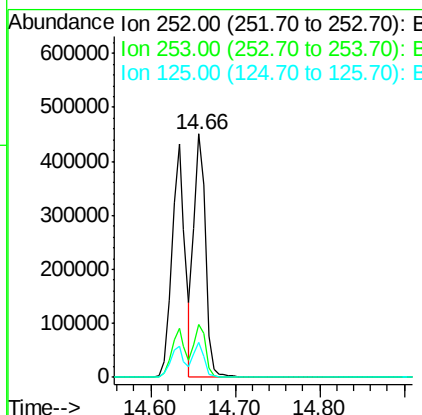
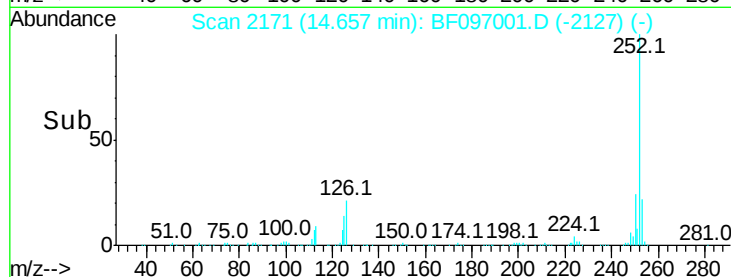
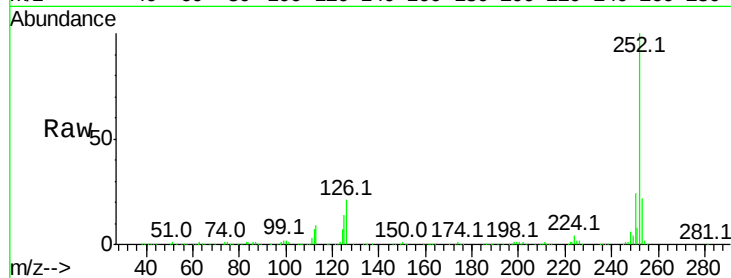
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	14.3	13.1	19.7

Manual Integrations
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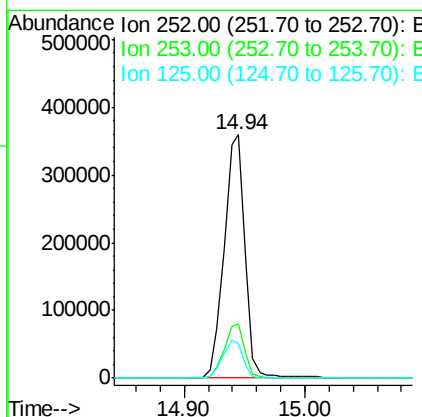
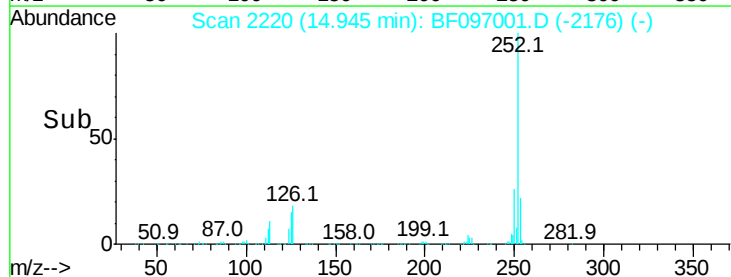
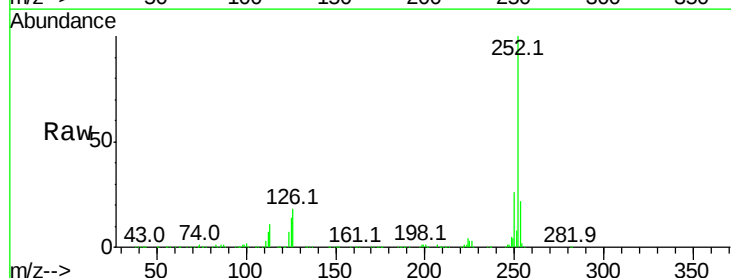
Sohil

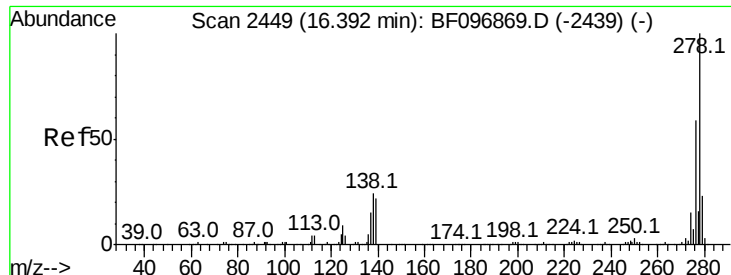
7/25/2017 5:36:24 PM



#89
Benzo(a)pyrene
Concen: 41.592 ng
RT: 14.94 min Scan# 2220
Delta R.T. -0.04 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.3	11.0	16.4





#90
Dibenzo(a,h)anthracene
Concen: 40.159 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.06 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

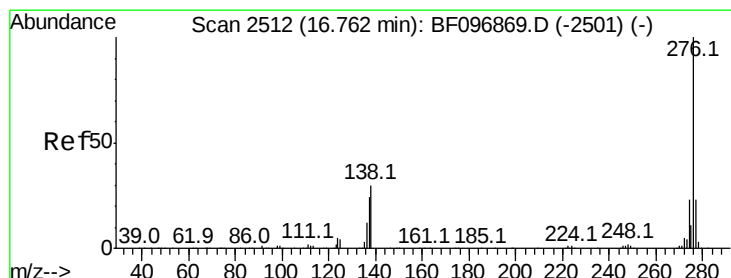
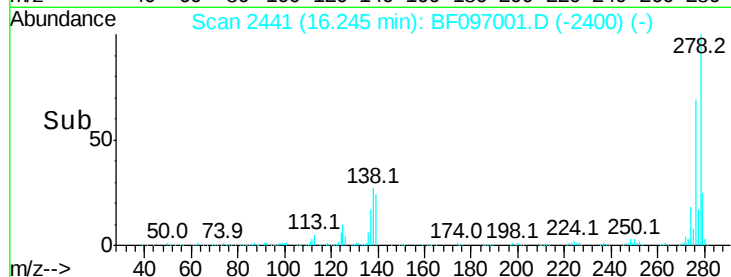
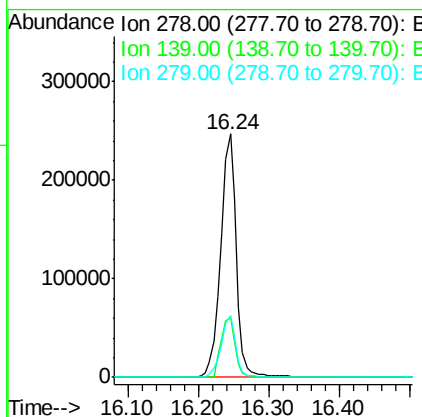
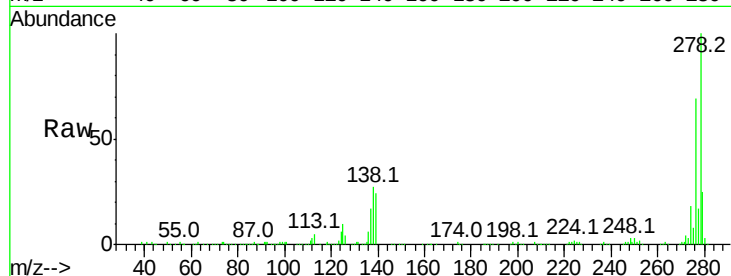
Instrument :
BNA_F
ClientSampleId :
295-N-1-(0-2)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.3	16.6	24.8
279	25.2	19.3	28.9

Manual Integrations
APPROVED

Sohil

7/25/2017 5:36:24 PM



#91
Benzo(g,h,i)perylene
Concen: 40.088 ng
RT: 16.60 min Scan# 2502
Delta R.T. -0.06 min
Lab File: BF097001.D
Acq: 24 Jul 2017 22:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	28.0
138	30.4	25.4	38.0

