

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099712.D
 Acq On : 20 Oct 2017 20:29
 Operator : SJ/JU
 Sample : I5950-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Manual Integrations
 APPROVED

Sohil

10/23/2017 3:26:30 PM

Quant Time: Oct 23 11:19:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	92873	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	357776	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	137121	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	198522	20.00	ng	0.00
75) Chrysene-d12	13.98	240	171370	20.00	ng	0.00
86) Perylene-d12	15.44	264	176504	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	699088	119.83	ng	0.00
7) Phenol-d6	6.46	99	819082	113.81	ng	0.00
23) Nitrobenzene-d5	7.39	82	463051	83.00	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	124315	110.80	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	747353	90.99	ng	0.00
78) Terphenyl-d14	12.92	244	461992	61.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	82989	29.778	ng	# 90
3) Pyridine	3.38	79	227479	30.174	ng	91
4) n-Nitrosodimethylamine	3.33	42	90269	28.236	ng	81
6) Aniline	6.49	93	217104	22.351	ng	# 89
8) 2-Chlorophenol	6.60	128	243019	36.783	ng	95
9) Benzaldehyde	6.37	77	62148	14.886	ng	94
10) Phenol	6.47	94	313910	39.000	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	224973	35.953	ng	92
12) 1,3-Dichlorobenzene	6.76	146	257363m	37.195	ng	
13) 1,4-Dichlorobenzene	6.83	146	260301	36.975	ng	97
14) 1,2-Dichlorobenzene	6.99	146	238401	36.650	ng	96
15) Benzyl Alcohol	6.96	79	166399	31.516	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	283143	29.043	ng	62
17) 2-Methylphenol	7.07	107	193881	35.865	ng	97
18) Hexachloroethane	7.32	117	79588	31.453	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	145391	31.641	ng	90
20) 3+4-Methylphenols	7.23	107	238300	34.845	ng	# 77
22) Acetophenone	7.23	105	311526	35.939	ng	# 98
24) Nitrobenzene	7.40	77	223911	35.381	ng	92
25) Isophorone	7.64	82	409966	35.543	ng	96
26) 2-Nitrophenol	7.72	139	124504	40.911	ng	89
27) 2,4-Dimethylphenol	7.76	122	205981	35.840	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	270357	37.612	ng	99
29) 2,4-Dichlorophenol	7.96	162	192622	39.036	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	194887	39.489	ng	98
31) Naphthalene	8.12	128	635858	37.841	ng	99
33) 4-Chloroaniline	8.17	127	125726	17.917	ng	95
34) Hexachlorobutadiene	8.23	225	95603	37.610	ng	99
35) Caprolactam	8.54	113	54909m	34.690	ng	
36) 4-Chloro-3-methylphenol	8.66	107	185690	33.480	ng	91
37) 2-Methylnaphthalene	8.81	142	418864	38.345	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	166718	40.769	ng	98
40) Hexachlorocyclopentadiene	8.96	237	15761	8.434	ng	94
42) 2,4,6-Trichlorophenol	9.09	196	112684	38.897	ng	99

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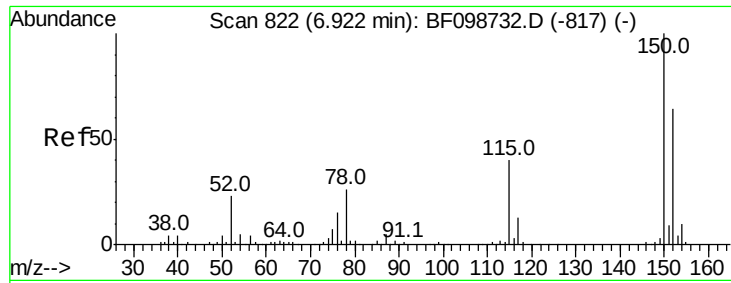
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	117287	40.556	nq	94
45) 1,1'-Biphenyl	9.27	154	470509	39.925	nq	99
46) 2-Chloronaphthalene	9.30	162	365271	41.282	nq	96
47) 2-Nitroaniline	9.40	65	96767	35.716	nq	85
48) Acenaphthylene	9.72	152	518221	38.259	nq	99
49) Dimethylphthalate	9.57	163	493757	47.710	nq	99
50) 2,6-Dinitrotoluene	9.64	165	90217	40.042	nq	90
51) Acenaphthene	9.89	154	303993	35.430	nq	99
52) 3-Nitroaniline	9.82	138	77633	29.551	nq	86
53) 2,4-Dinitrophenol	9.94	184	5281	10.002	nq	90
54) Dibenzofuran	10.06	168	438367	38.372	nq	98
55) 4-Nitrophenol	9.99	139	107321	48.313	nq	85
56) 2,4-Dinitrotoluene	10.05	165	104098	35.600	nq	93
57) Fluorene	10.40	166	340069	37.035	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	72442	36.262	nq	95
59) Diethylphthalate	10.27	149	378781	37.456	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	157110	38.090	nq	95
61) 4-Nitroaniline	10.43	138	81690	32.231	nq	81
62) Azobenzene	10.55	77	450501	48.450	nq	92
64) 4,6-Dinitro-2-methylphenol	10.47	198	16780	13.892	nq	# 71
65) n-Nitrosodiphenylamine	10.51	169	300130	43.640	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	83426	42.932	nq	94
67) Hexachlorobenzene	10.95	284	80377	38.728	nq	98
68) Atrazine	11.03	200	81440	39.358	nq	98
69) Pentachlorophenol	11.15	266	61638	47.720	nq	100
70) Phenanthrene	11.36	178	459829	43.273	nq	99
71) Anthracene	11.42	178	442119	40.663	nq	98
72) Carbazole	11.57	167	403700	37.915	nq	99
73) Di-n-butylphthalate	11.89	149	478447	37.332	nq	99
74) Fluoranthene	12.55	202	472222	43.885	nq	99
76) Benzidine	12.67	184	250055	39.451	nq	98
77) Pyrene	12.78	202	471935	36.115	nq	99
79) Butylbenzylphthalate	13.39	149	200596	32.663	nq	93
80) Benzo(a)anthracene	13.97	228	413018	39.802	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	134265	35.295	nq	100
82) Chrysene	14.01	228	385351	39.006	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	296864	35.105	nq	# 100
84) Di-n-octyl phthalate	14.55	149	520934	38.257	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.92	276	359656	45.510	nq	96
87) Benzo(b)fluoranthene	15.02	252	437500	40.314	nq	98
88) Benzo(k)fluoranthene	15.04	252	362890	33.856	nq	99
89) Benzo(a)pyrene	15.38	252	389018	39.052	nq	98
90) Dibenzo(a,h)anthracene	16.92	278	307462	38.567	nq	96
91) Benzo(g,h,i)perylene	17.36	276	296153	37.581	nq	97

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

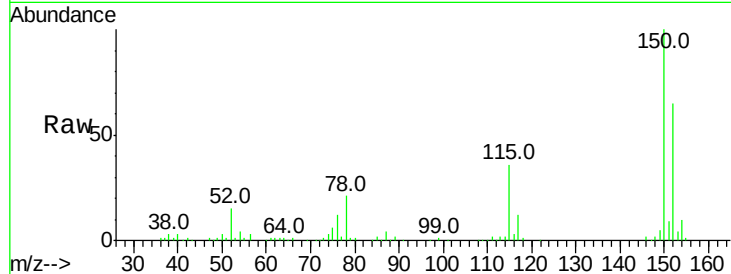
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	55.9	50.1	75.1

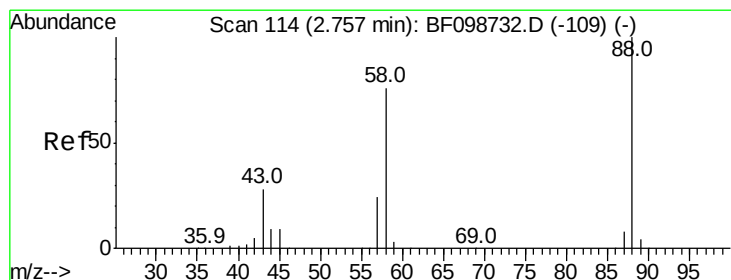
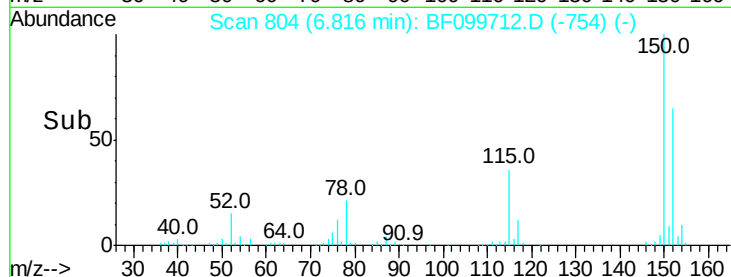
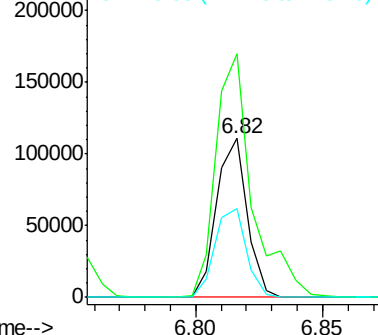
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

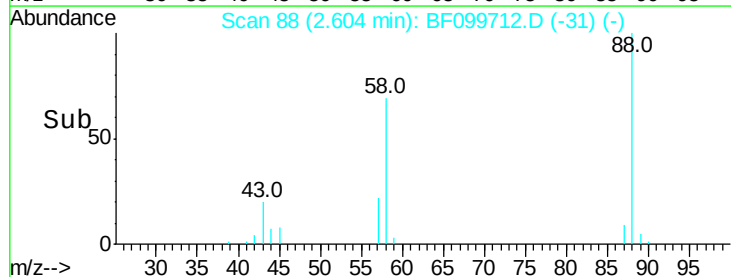
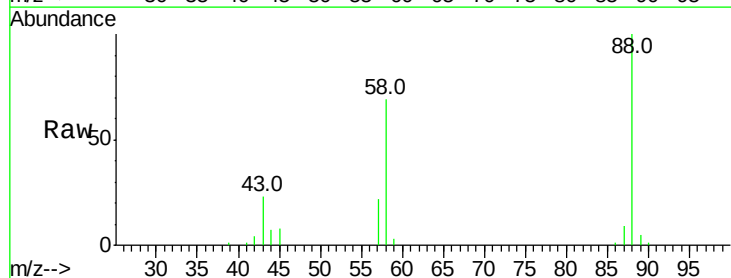
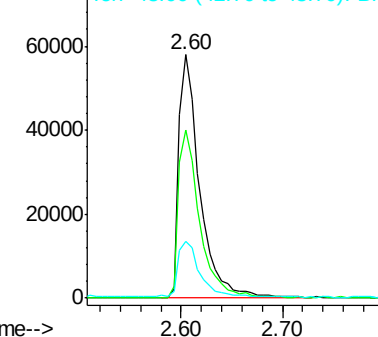


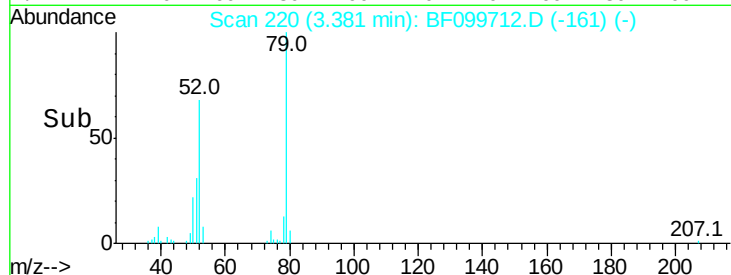
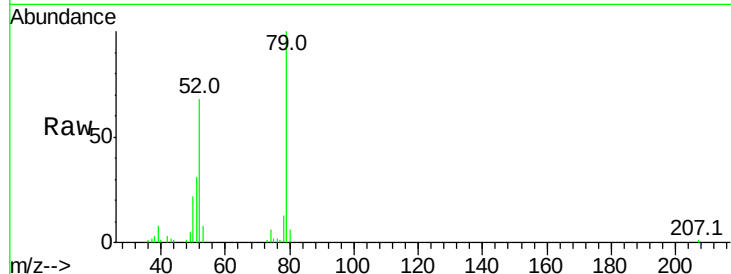
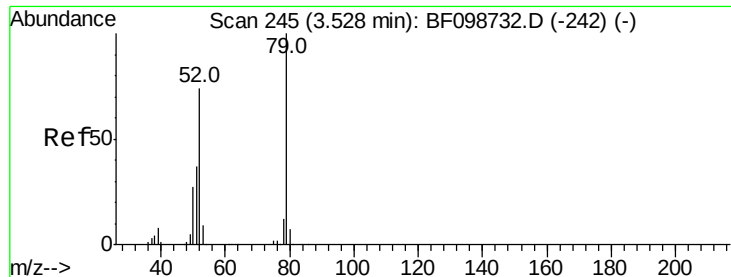
#2

1,4-Dioxane
Concen: 29.778 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.04 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	62.6	93.8
43	23.0	24.6	37.0

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





#3
 Pvridine
 Concen: 30.174 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.05 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

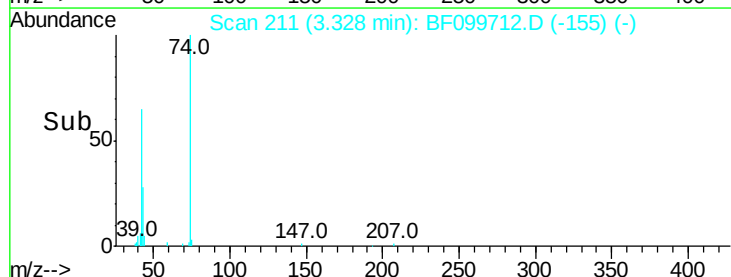
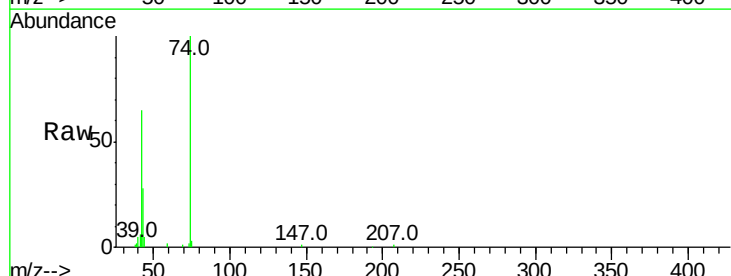
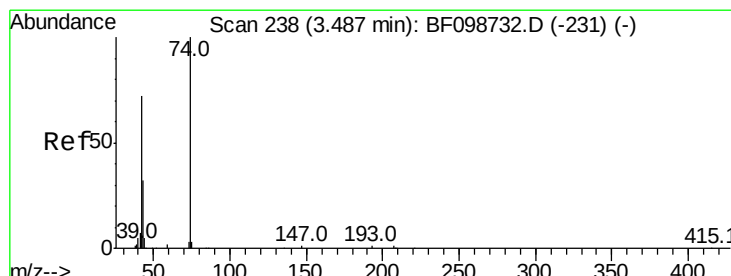
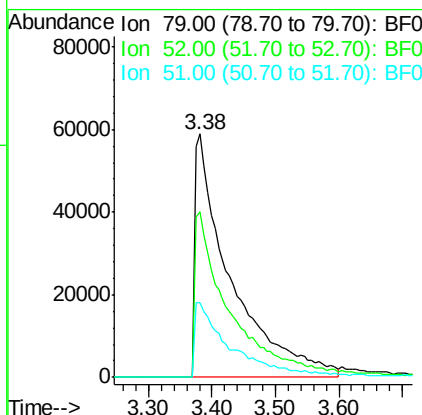
Tot Ion	79	Resp	227479
Ion Ratio	Lower	Upper	
79	100		
52	67.8	59.8	89.6
51	30.8	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Manual Integrations
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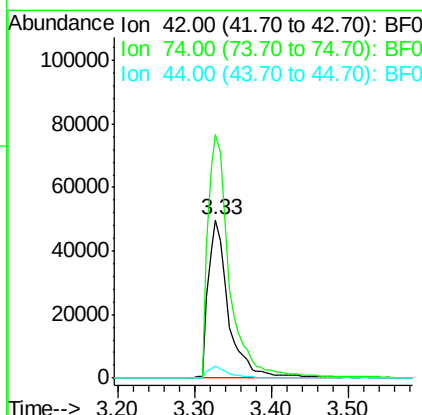
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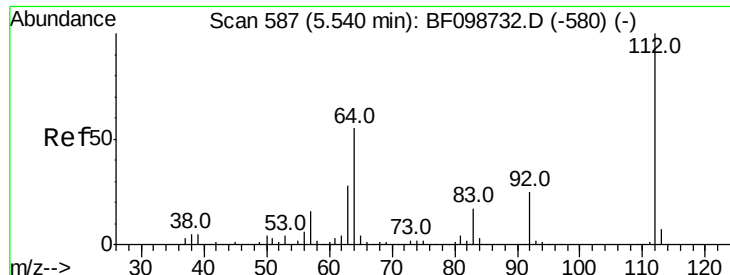
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#4
 n-Nitrosodimethylamine
 Concen: 28.236 ng
 RT: 3.33 min Scan# 211
 Delta R.T. 0.03 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion	42	Resp	90269
Ion Ratio	Lower	Upper	
42	100		
74	154.0	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 119.828 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

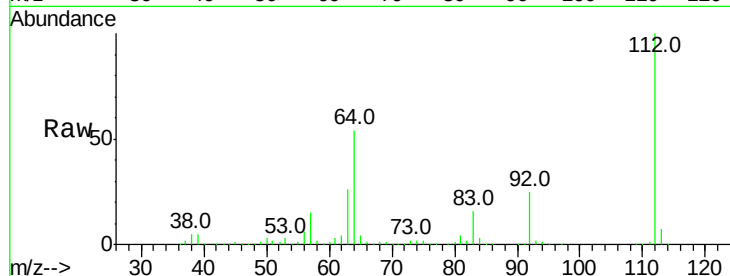
20170718-C-COMP1MS

Tot Ion:	112	Resp:	699088
Ion Ratio	Lower	Upper	
112	100		
64	53.7	47.9	71.9
63	25.8	23.7	35.5

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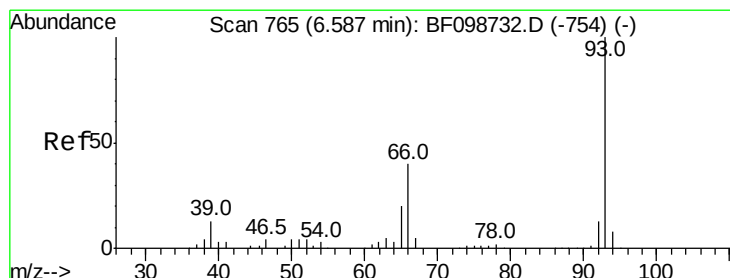
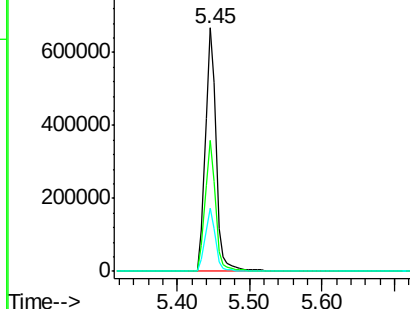
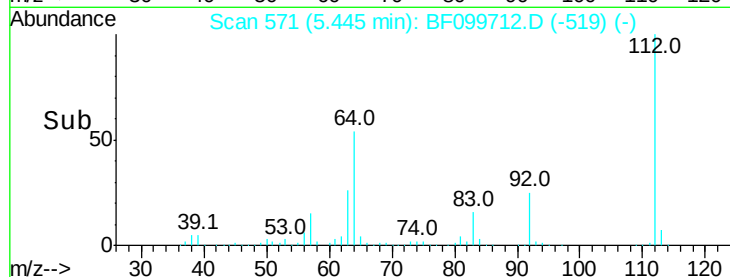
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.351 ng

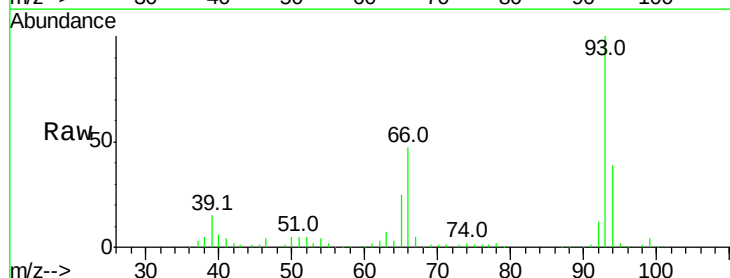
RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

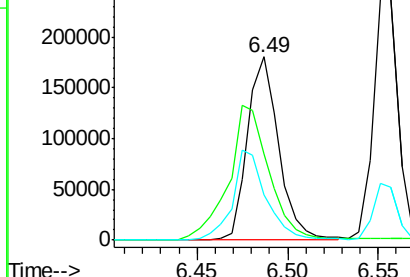
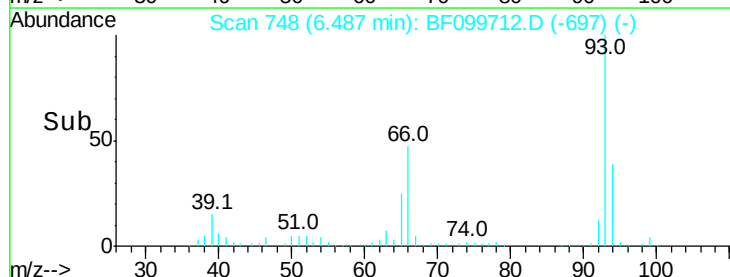
Tgt Ion:	93	Resp:	217104
Ion Ratio	Lower	Upper	
93	100		
66	47.1	32.2	48.2
65	25.0	16.4	24.6#

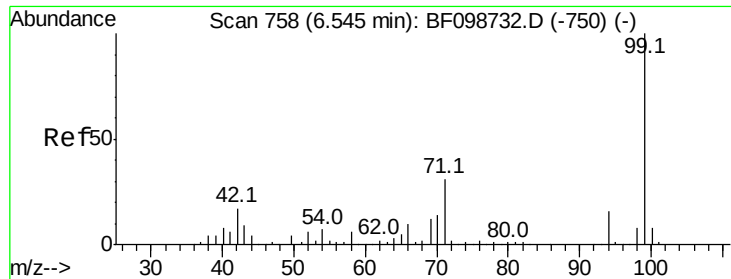


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.809 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

20170718-C-COMP1MS

Tot Ion: 99 Resp: 819082

Ion Ratio Lower Upper

99 100

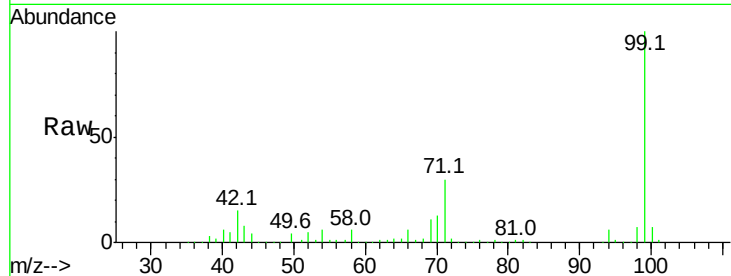
42 14.6 14.5 21.7

71 30.0 25.4 38.0

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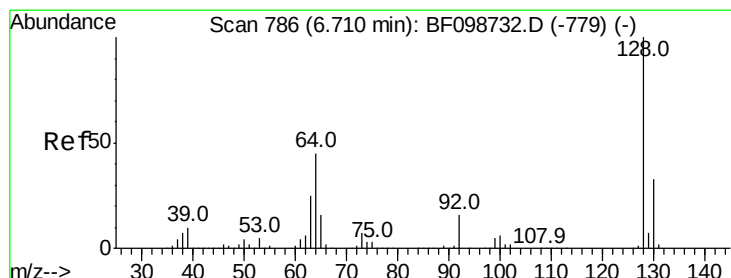
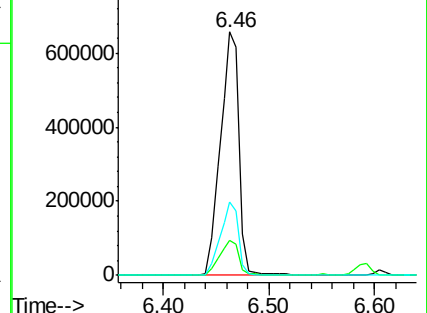
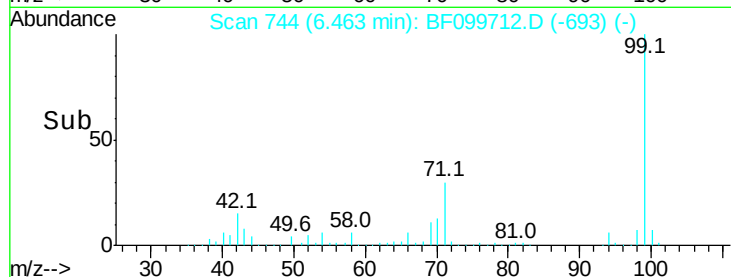
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.783 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

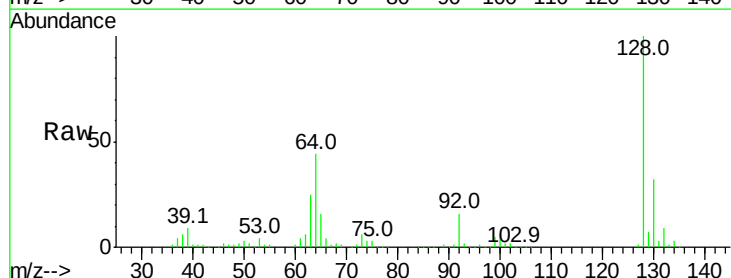
Tgt Ion: 128 Resp: 243019

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

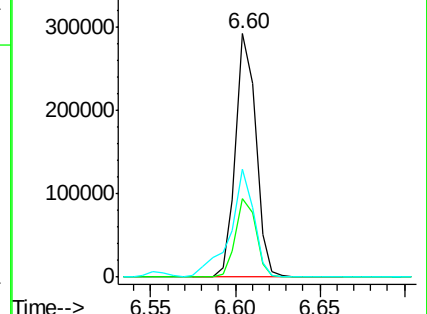
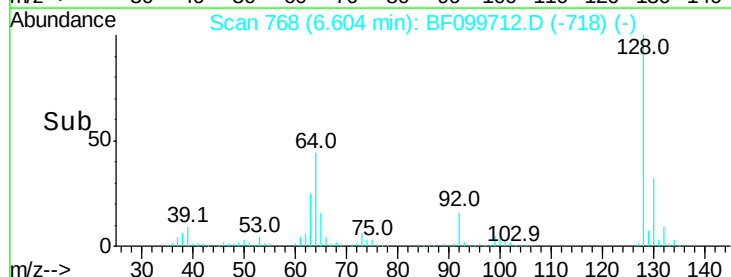
64 44.2 29.4 69.4

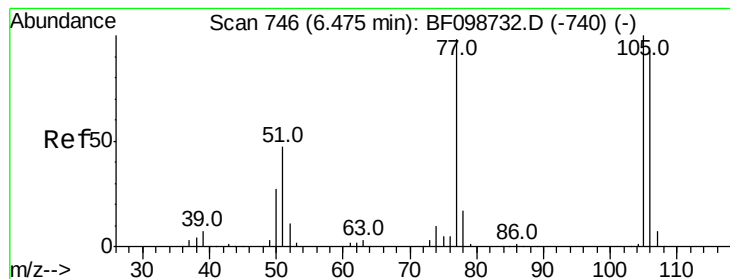


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.886 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

20170718-C-COMP1MS

Tot Ion: 77 Resp: 62148

Ion Ratio Lower Upper

77 100

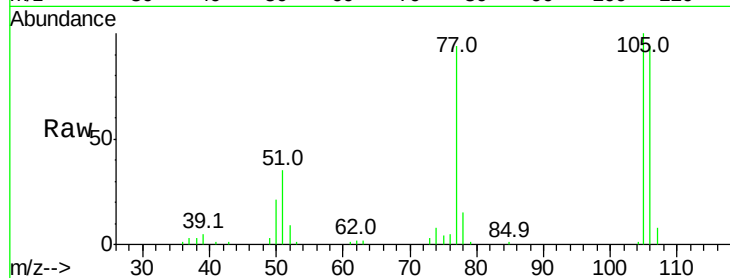
105 106.6 81.1 121.1

106 100.5 74.5 114.5

Manual Integrations
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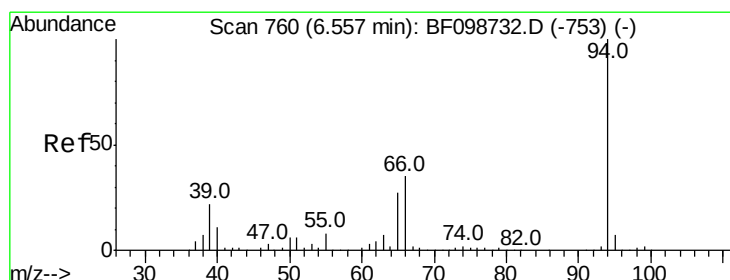
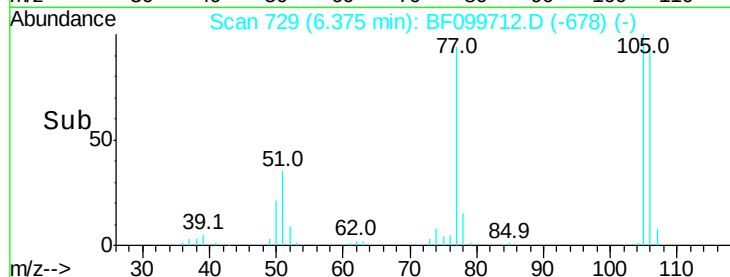
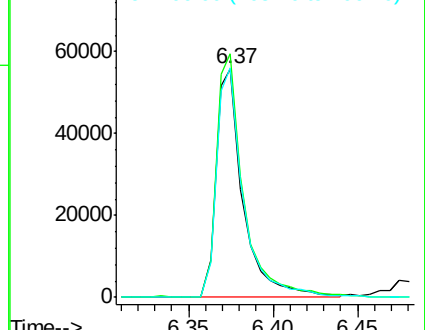
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.000 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

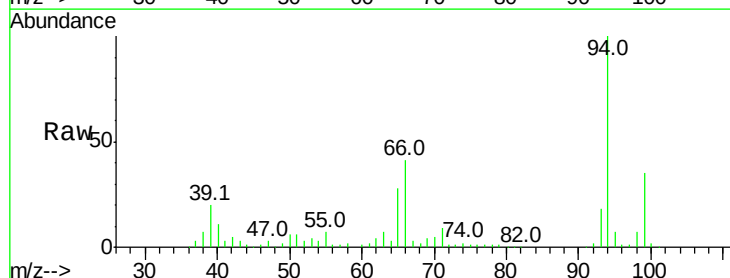
Tgt Ion: 94 Resp: 313910

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

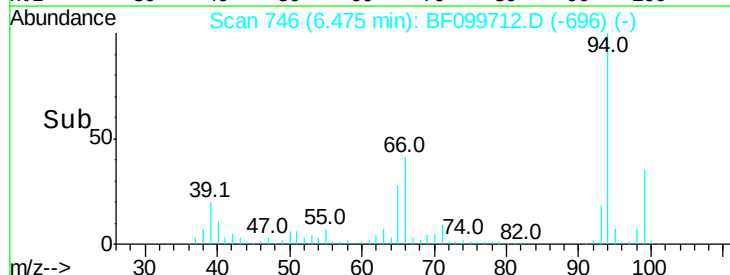
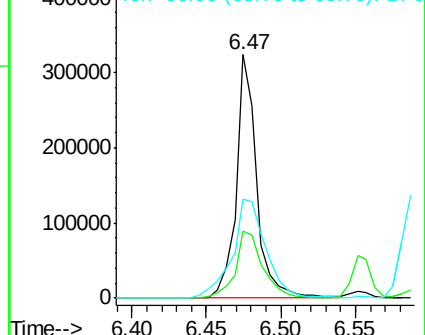
66 40.9 16.2 56.2

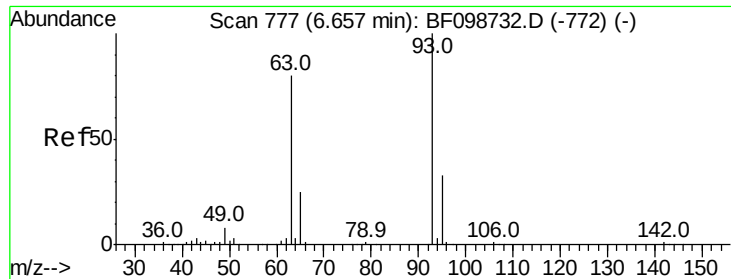


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.953 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

20170718-C-COMP1MS

Tot Ion: 93 Resp: 224973

Ion Ratio Lower Upper

93 100

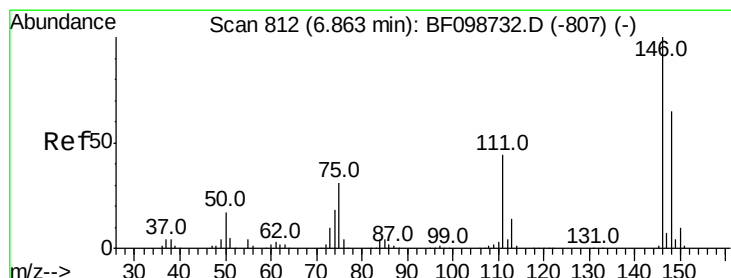
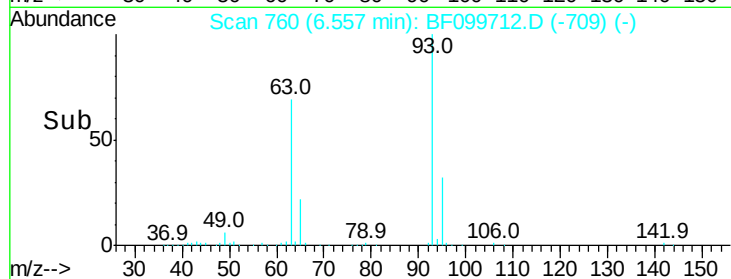
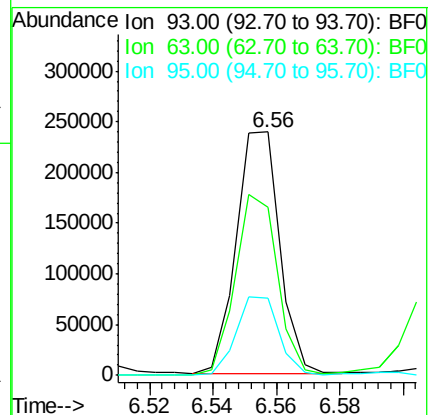
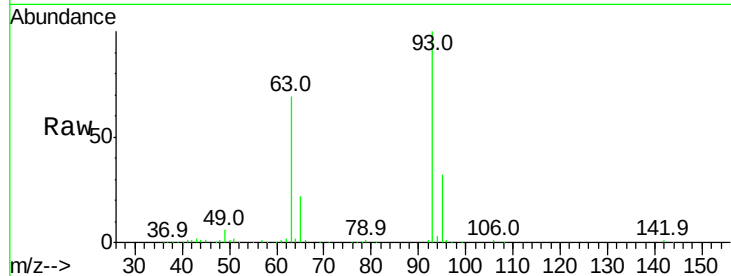
63 69.3 58.6 98.6

95 31.9 11.8 51.8

Manual Integrations
APPROVED

Sohil

10/23/2017 3:26:30 PM



#12

1,3-Dichlorobenzene

Concen: 37.195 ng m

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

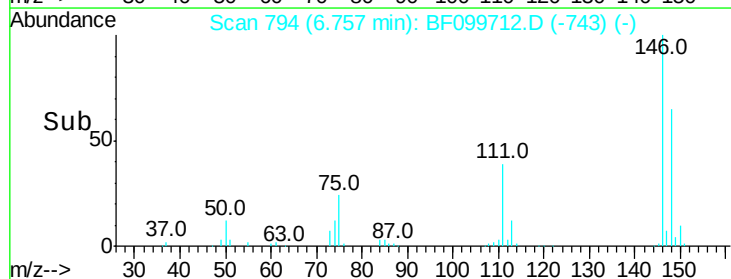
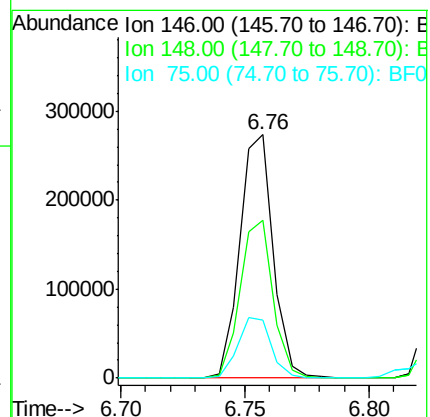
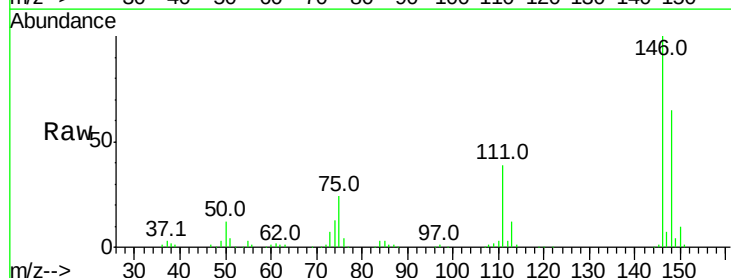
Tgt Ion: 146 Resp: 257363

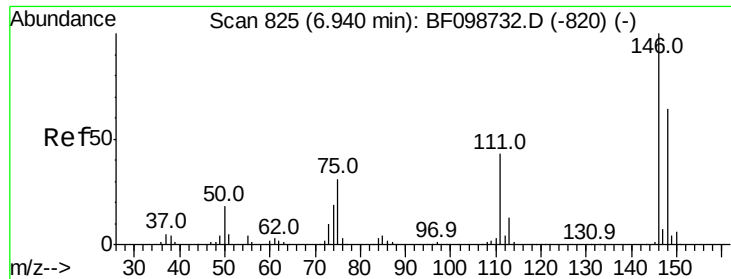
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

75 23.7 24.2 36.4#





#13
 1,4-Dichlorobenzene
 Concen: 36.975 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

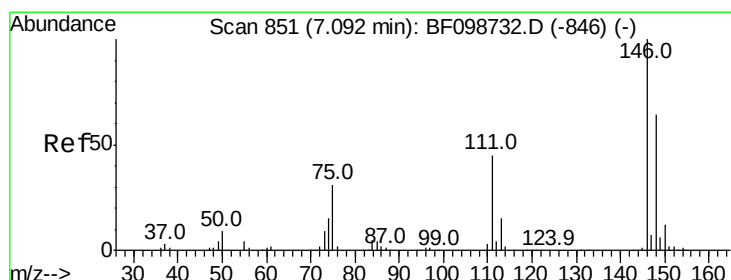
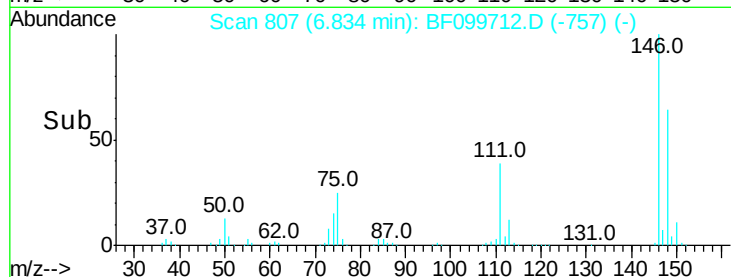
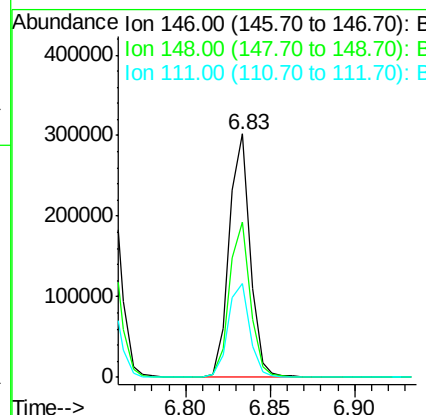
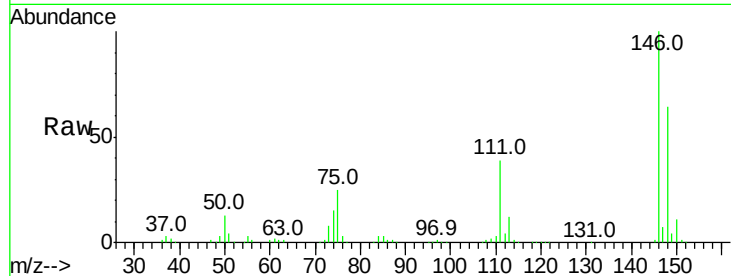
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	38.6	34.2	51.2

Manual Integrations
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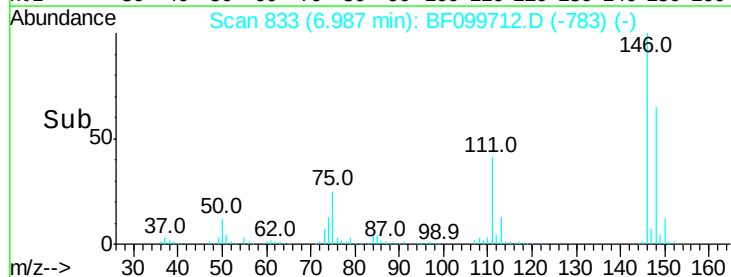
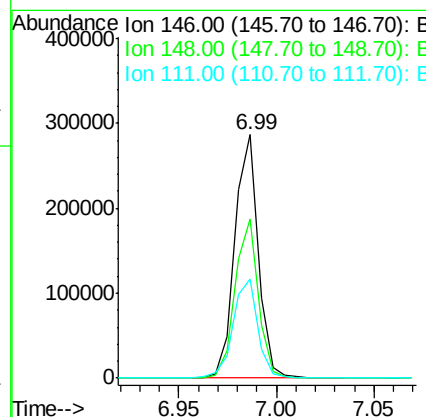
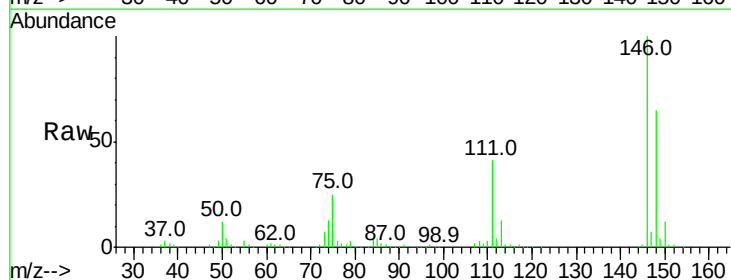
Sohil

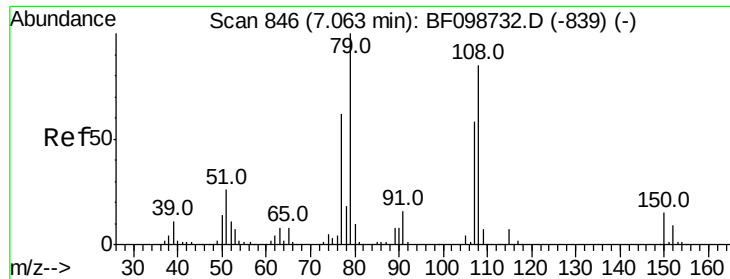
10/23/2017 3:26:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.650 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	75.8
111	40.9	36.0	54.0





#15
Benzyl Alcohol
Concen: 31.516 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

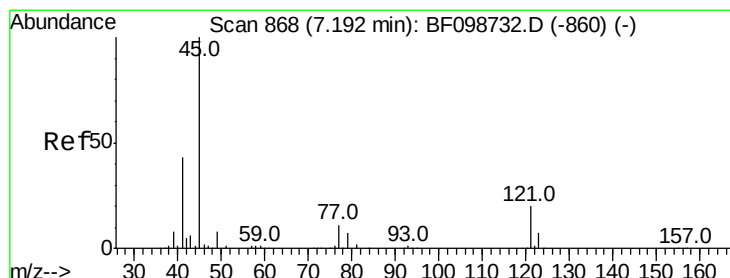
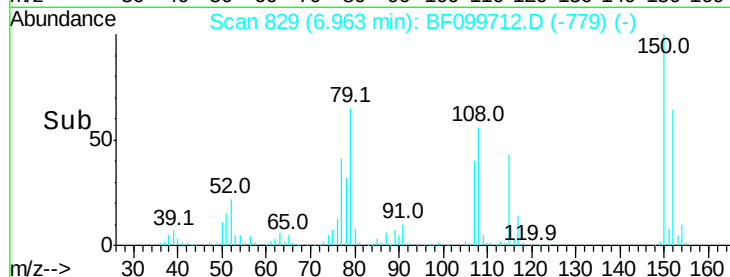
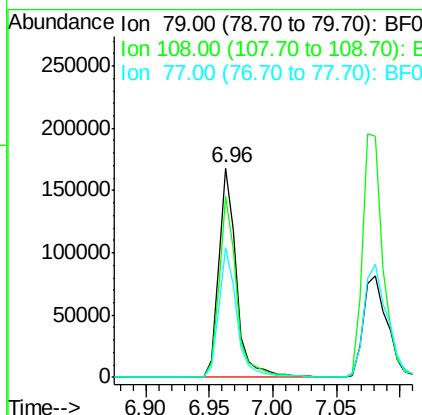
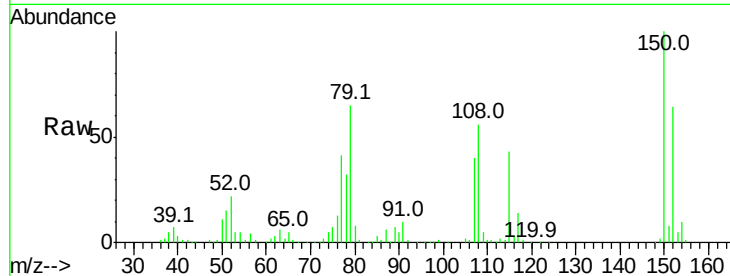
Instrument :
BNA_F
ClientSampled :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.4	65.1	97.7
77	62.1	50.6	75.8

Manual Integrations
APPROVED

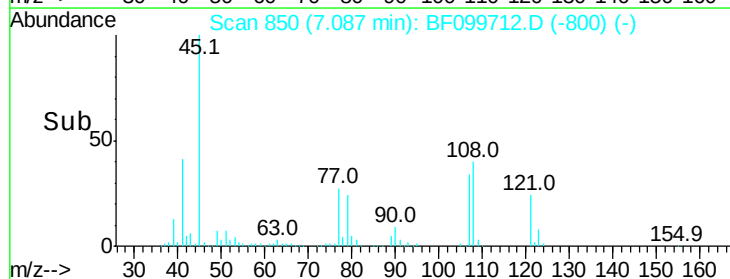
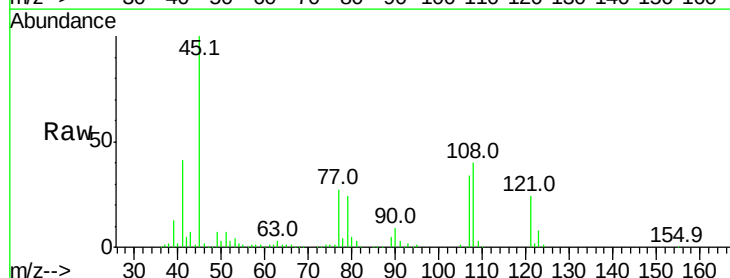
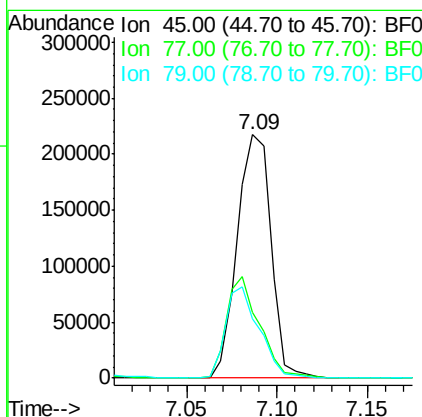
Sohil

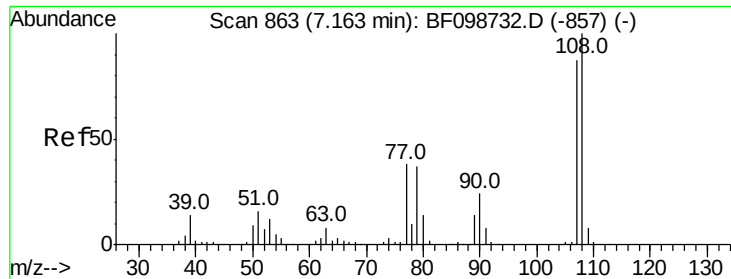
10/23/2017 3:26:30 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 29.043 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.1	0.0	32.9
79	24.3	0.0	29.6





#17
2-Methylphenol
Concen: 35.865 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

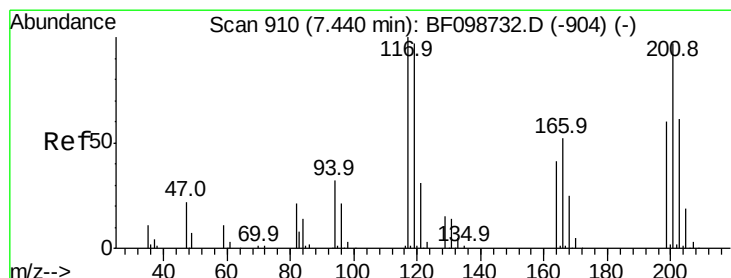
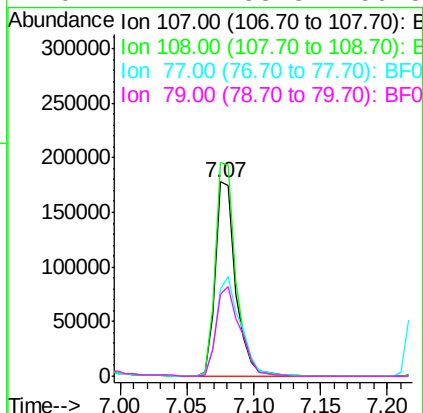
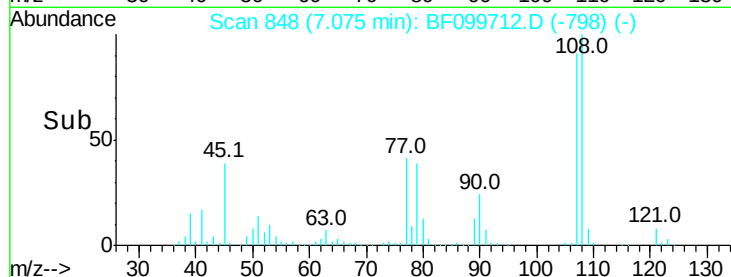
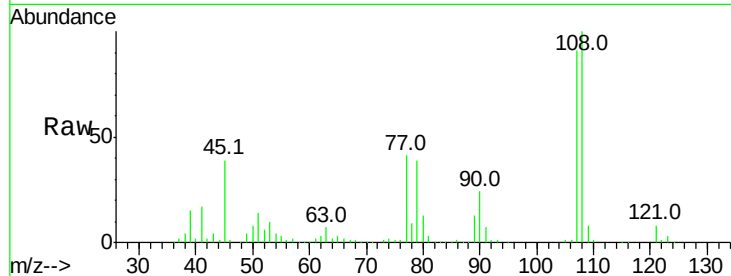
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	91.7	137.5
77	44.7	33.8	50.8
79	42.4	33.8	50.8

Manual Integrations
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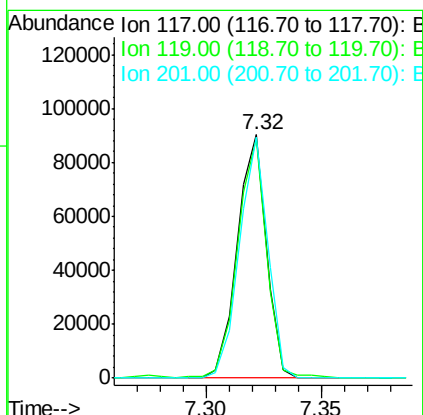
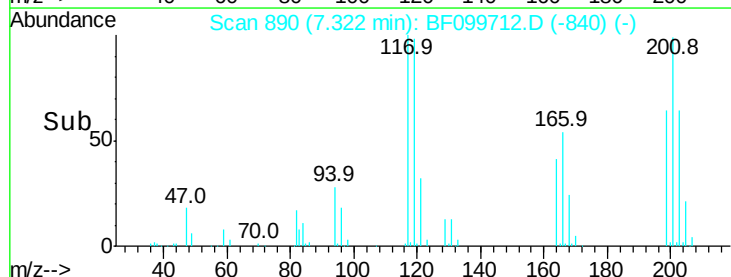
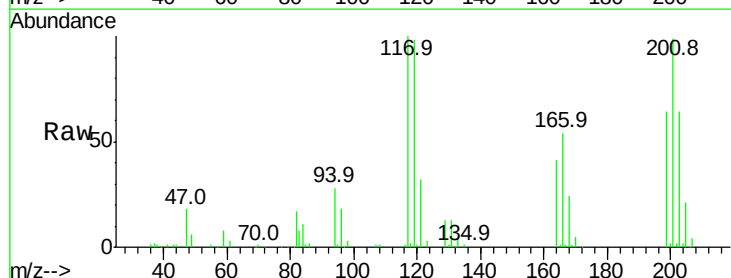
Sohil

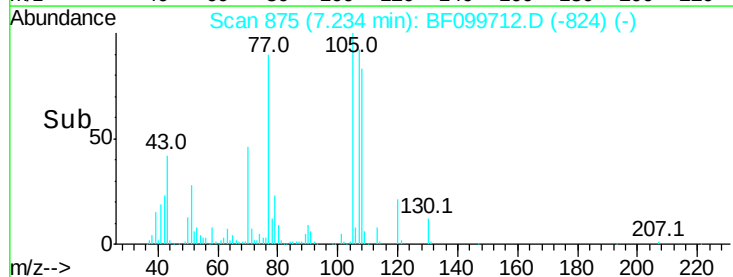
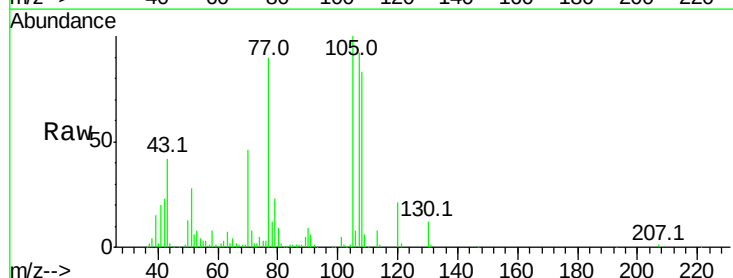
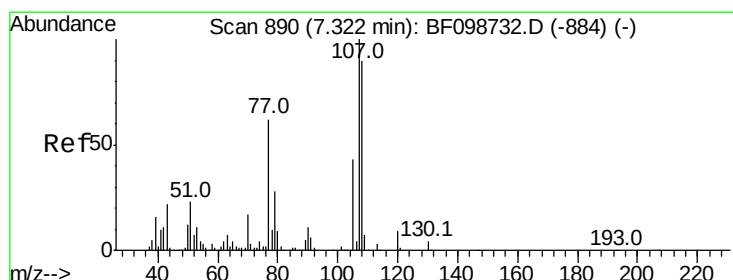
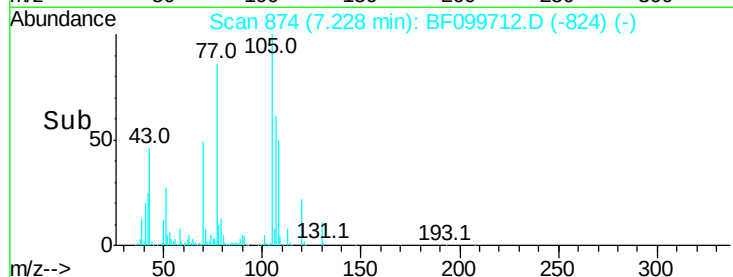
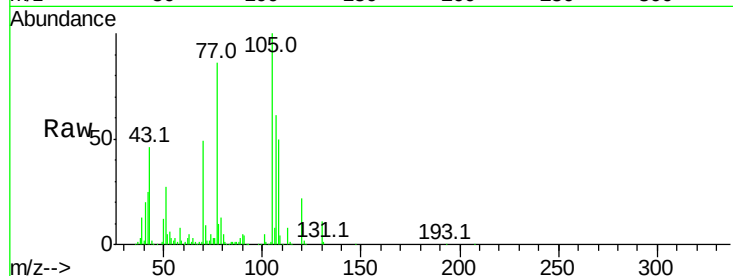
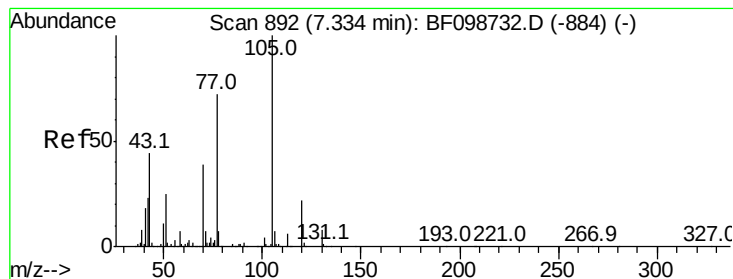
10/23/2017 3:26:30 PM



#18
Hexachloroethane
Concen: 31.453 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.8	113.8
201	99.0	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 31.641 ng

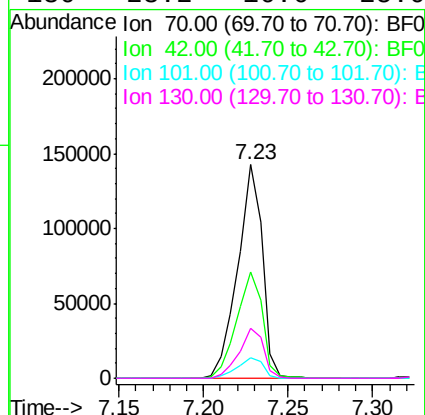
RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		145391		
42	49.9	47.5	71.3		
101	9.6	7.4	11.2		
130	23.2	16.6	25.0		



Instrument :

BNA_F

ClientSampleId :

20170718-C-COMP1MS

Manual Integrations
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Sohil

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#20

3+4-Methylphenols

Concen: 34.845 ng

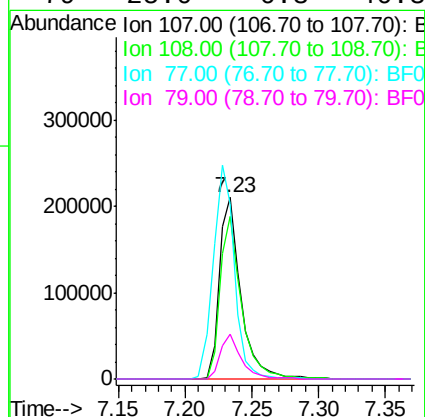
RT: 7.23 min Scan# 875

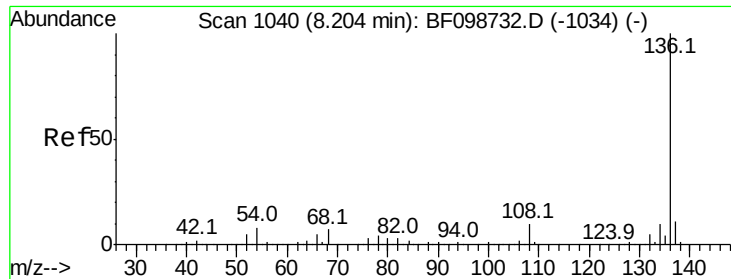
Delta R.T. -0.00 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		238300		
108	89.6	68.2	108.2		
77	97.0	26.7	66.7#		
79	25.0	6.3	46.3		





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

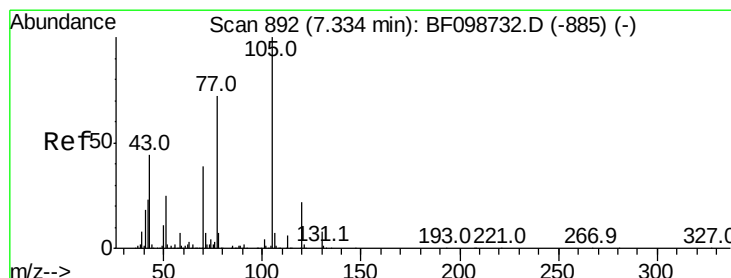
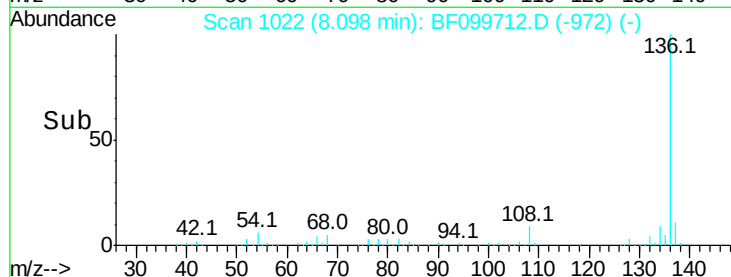
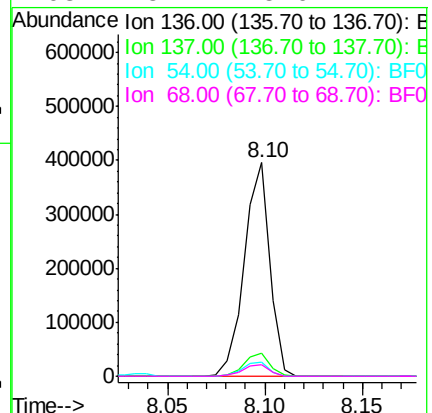
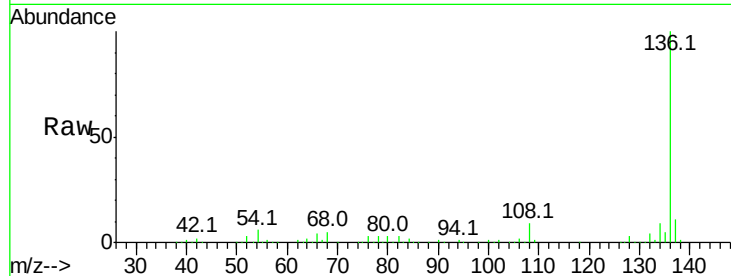
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.4	6.6	9.8	
68	5.4	5.0	7.4	

Manual Integrations
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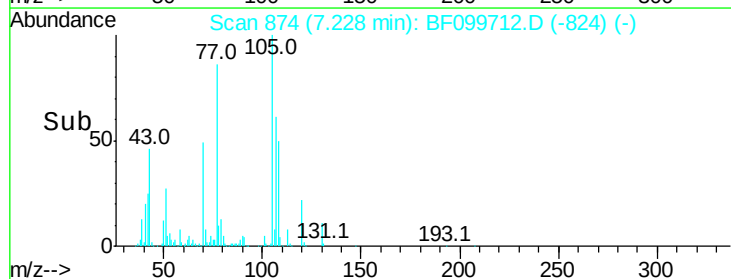
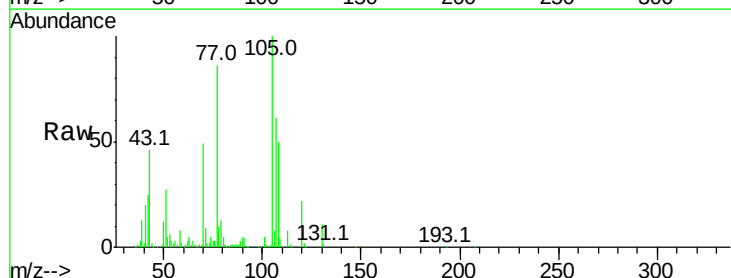
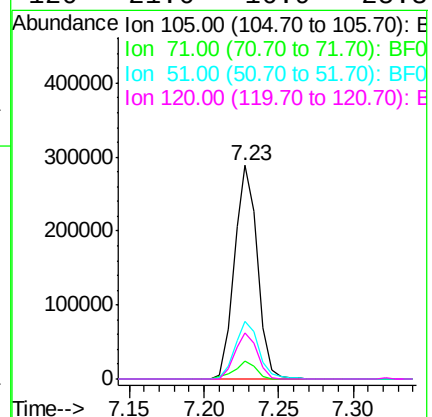
Sohil

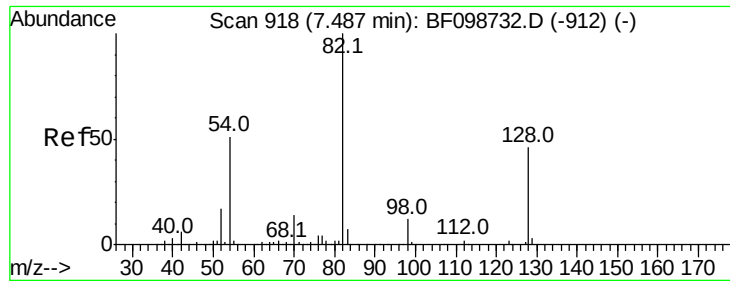
10/23/2017 3:26:30 PM



#22
Acetophenone
Concen: 35.939 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	4.4	6.6	
51	27.0	22.3	33.5	
120	21.6	16.9	25.3	





#23
 Nitrobenzene-d5
 Concen: 83.000 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

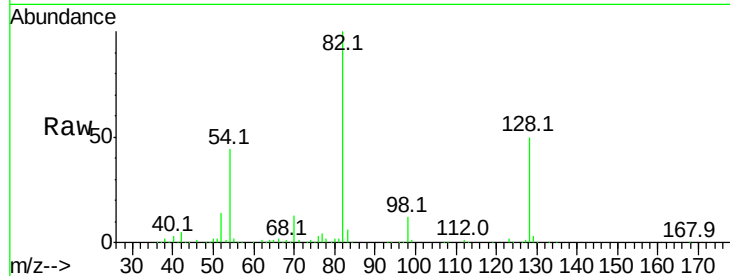
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Tot Ion:	82	Resp:	463051
Ion Ratio	Lower	Upper	
82	100		
128	50.0	36.1	54.1
54	44.3	41.4	62.2

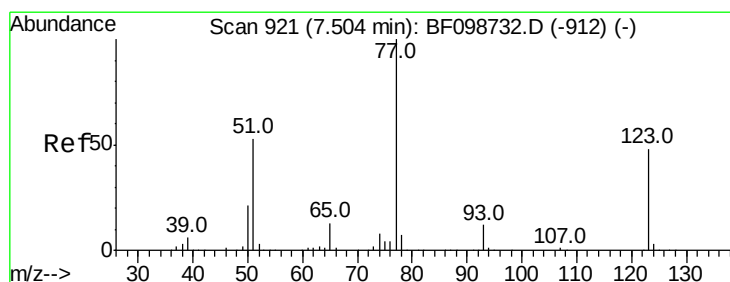
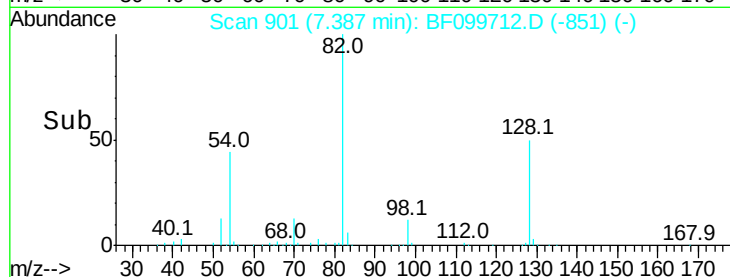
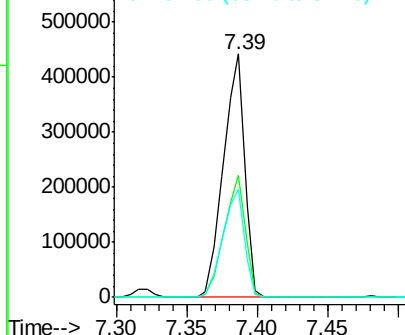
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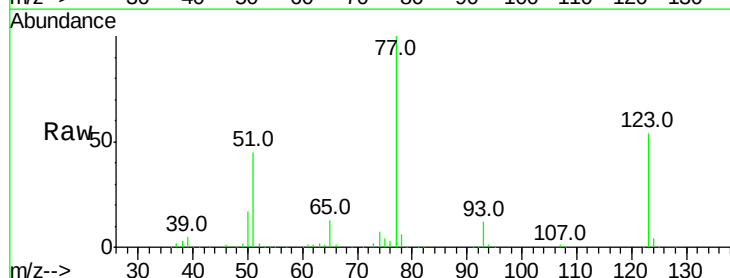


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

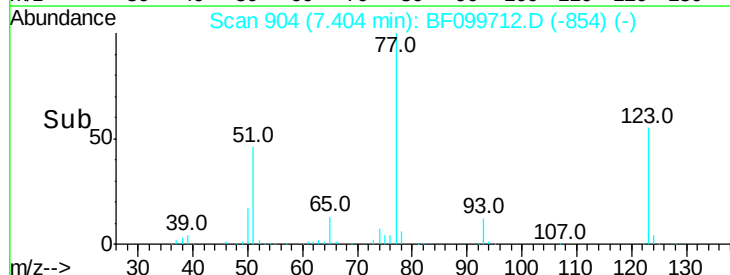
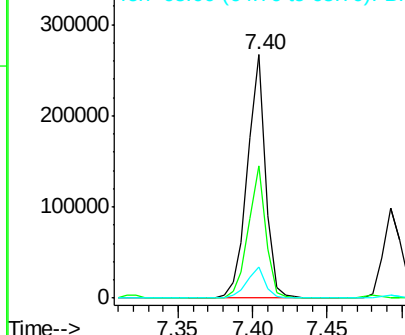


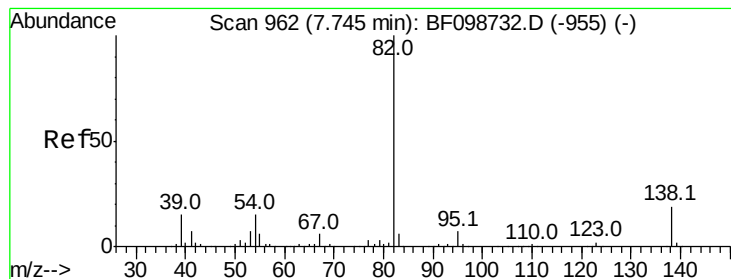
#24
 Nitrobenzene
 Concen: 35.381 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion:	77	Resp:	223911
Ion Ratio	Lower	Upper	
77	100		
123	54.2	37.9	56.9
65	12.7	11.0	16.4



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





#25

Isophorone

Concen: 35.543 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

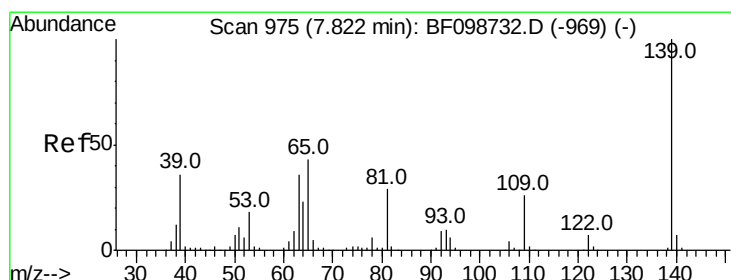
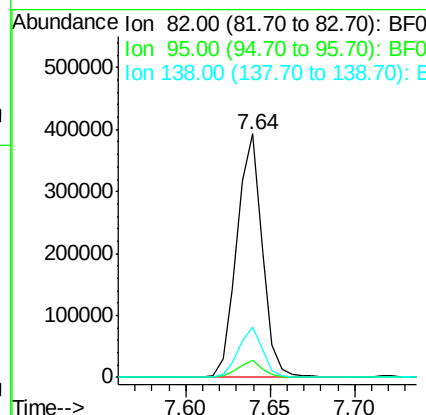
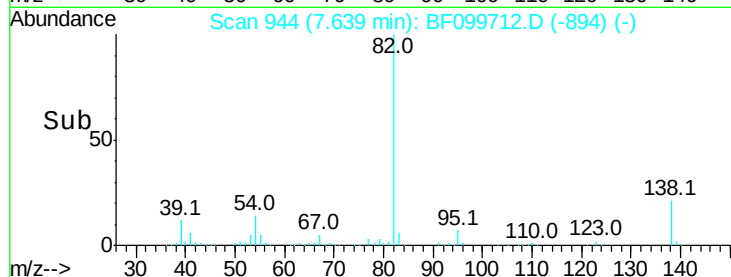
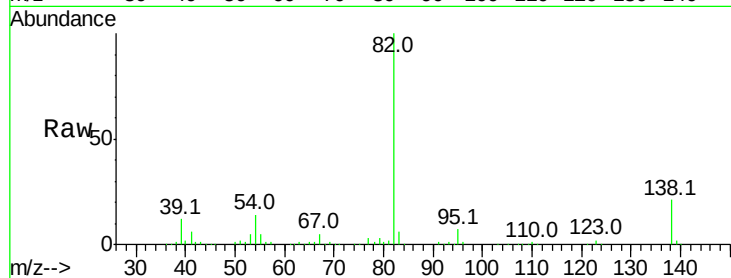
20170718-C-COMP1MS

Tot Ion:	82	Resp:	409966
Ion Ratio		Lower	Upper
82	100		
95	6.9	5.2	7.8
138	20.8	14.9	22.3

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 40.911 ng

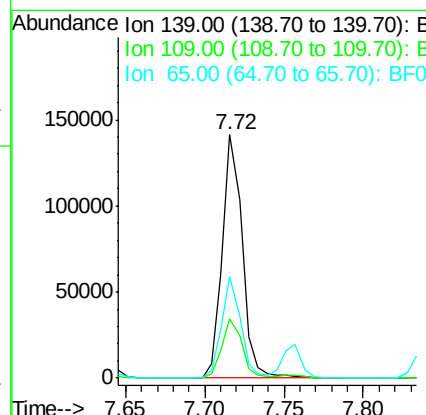
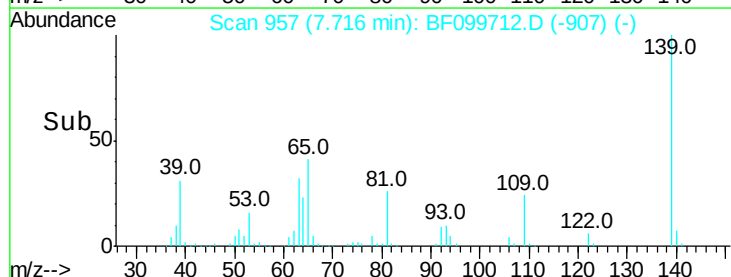
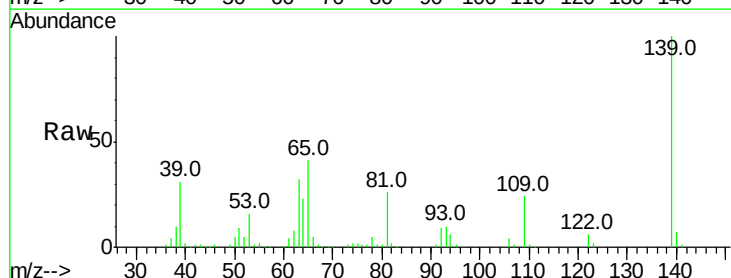
RT: 7.72 min Scan# 957

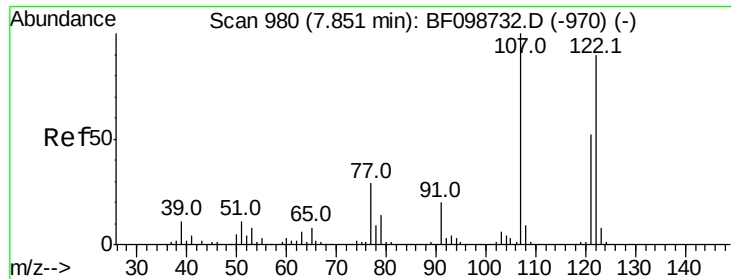
Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Tgt Ion:	139	Resp:	124504
Ion Ratio		Lower	Upper
139	100		
109	24.3	22.7	34.1
65	41.5	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 35.840 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

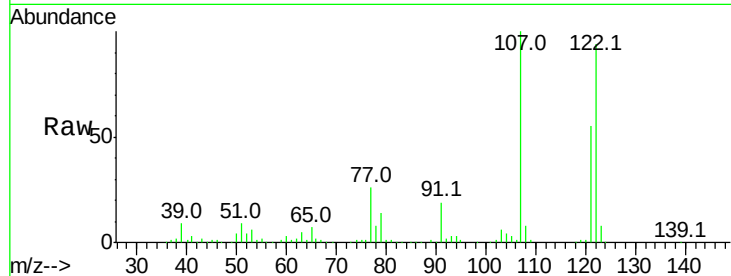
20170718-C-COMP1MS

Tot Ion:	122	Resp:	205981
Ion Ratio	Lower	Upper	
122	100		
107	106.6	91.2	136.8
121	58.4	47.2	70.8

Manual Integrations
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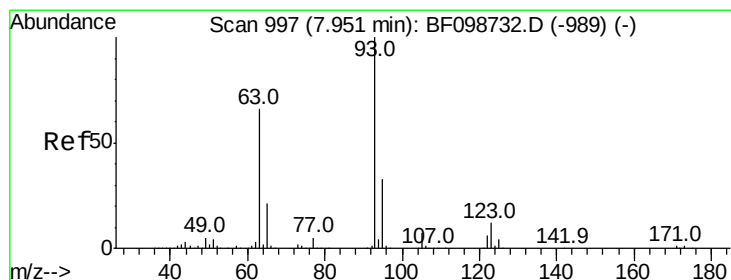
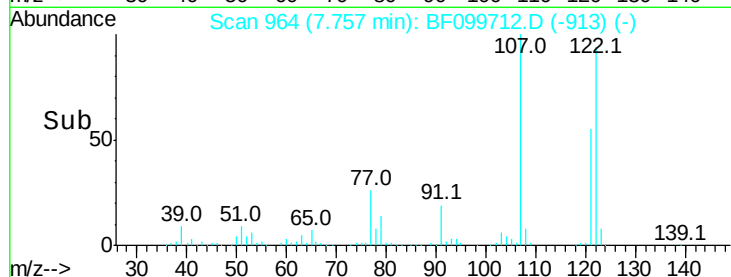
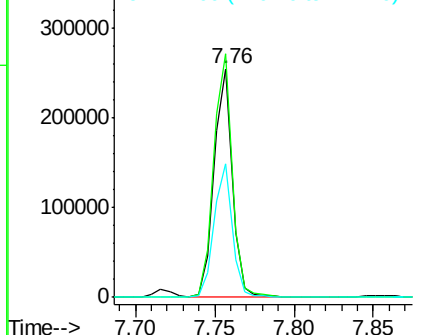
10/23/2017 3:26:30 PM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.612 ng

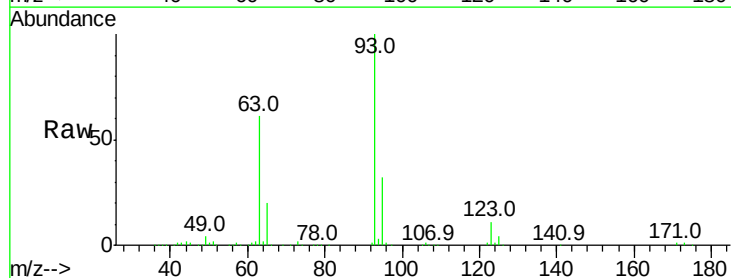
RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

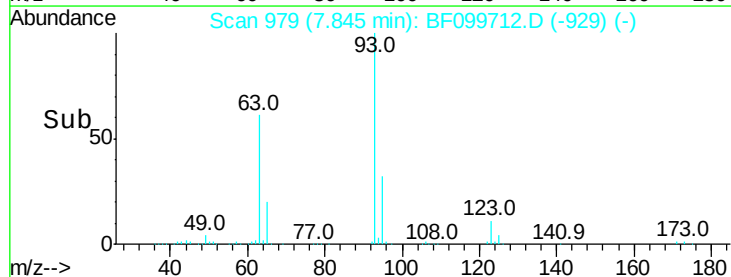
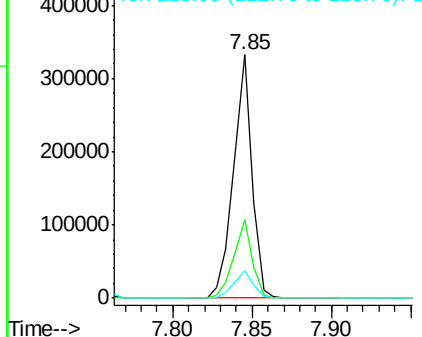
Tgt Ion:	93	Resp:	270357
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.4	9.8	14.6

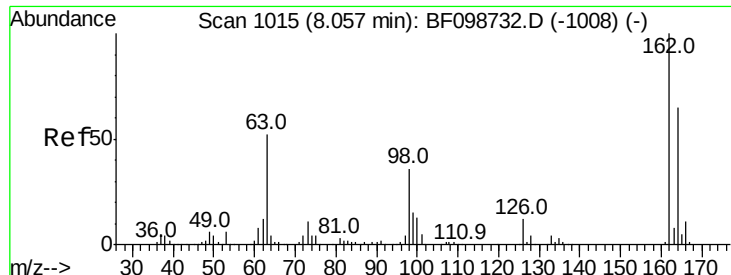


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29
 2,4-Dichlorophenol
 Concen: 39.036 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

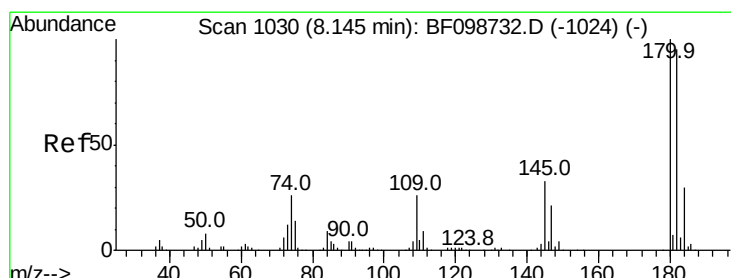
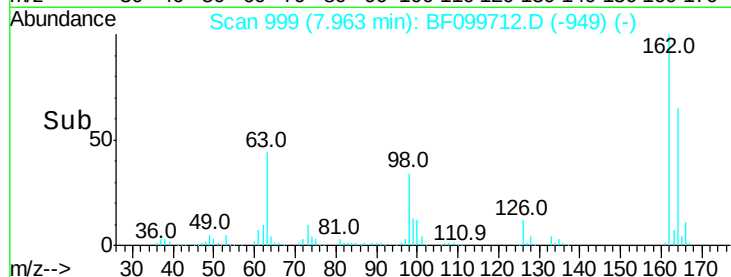
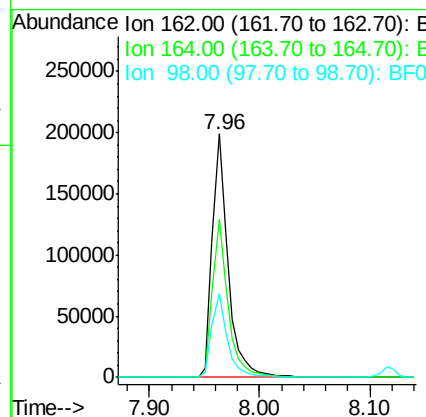
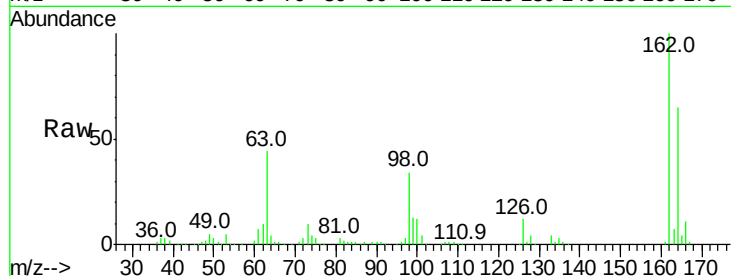
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	192622		
164	65.0	42.7	82.7	
98	34.5	18.1	58.1	

Manual Integrations
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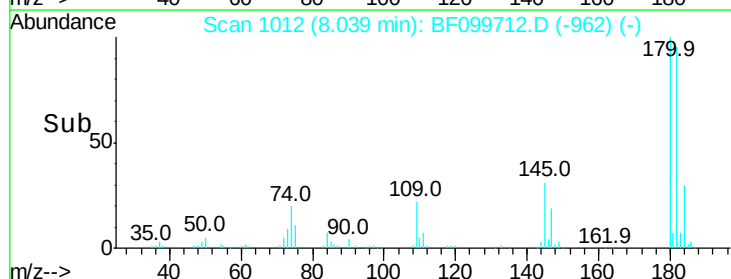
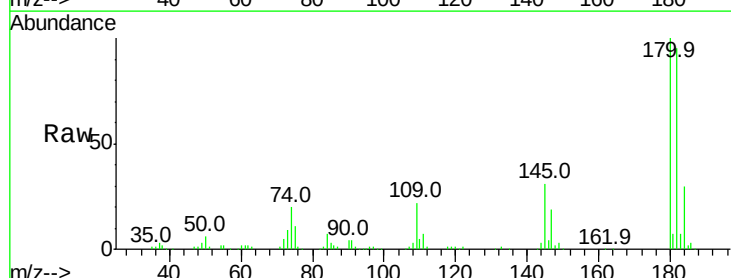
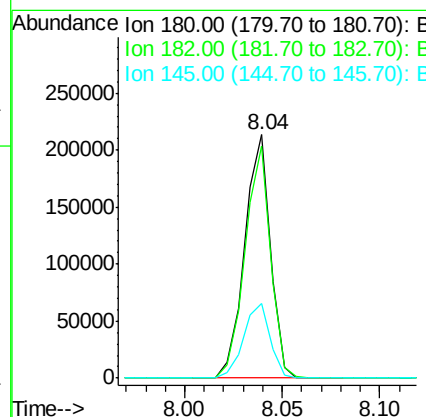
Sohil

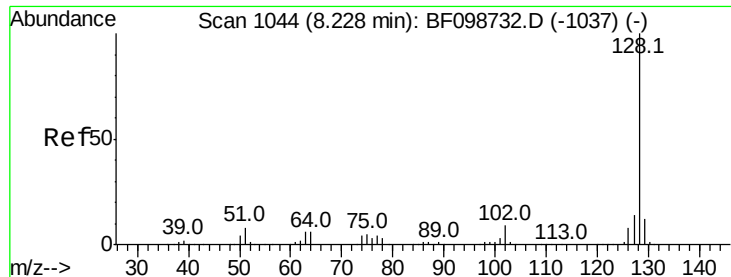
10/23/2017 3:26:30 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.489 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194887		
182	95.4	76.8	115.2	
145	30.8	26.5	39.7	





#31
Naphthalene
Concen: 37.841 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

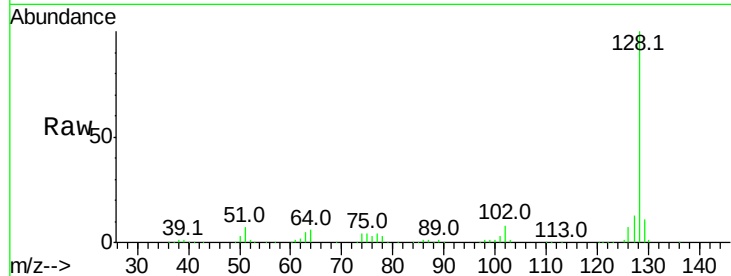
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.9	16.3

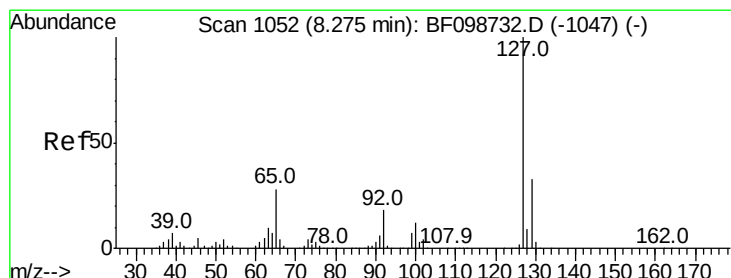
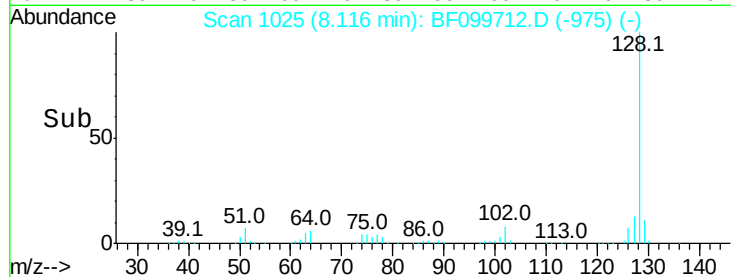
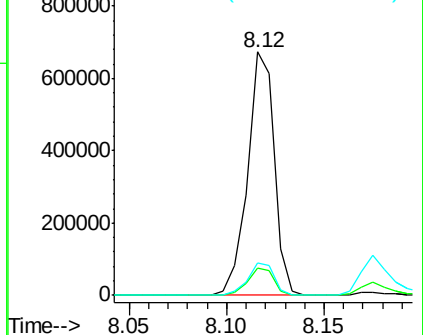
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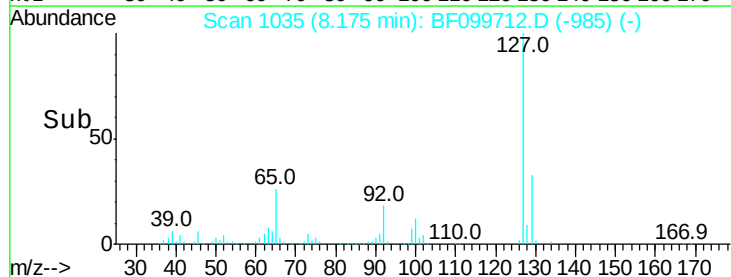
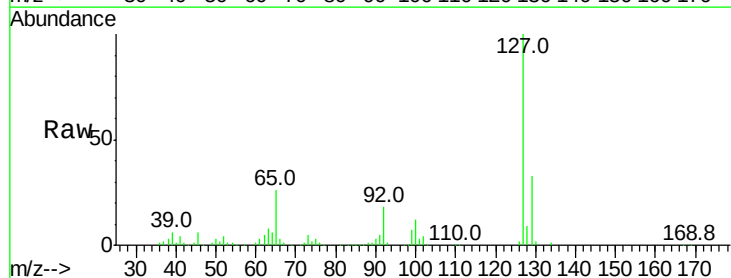
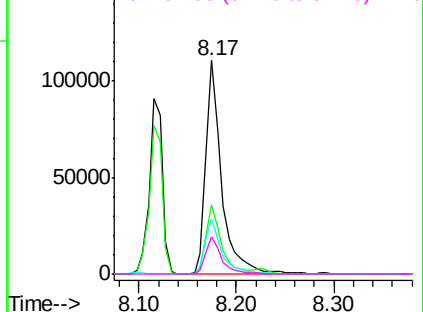
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

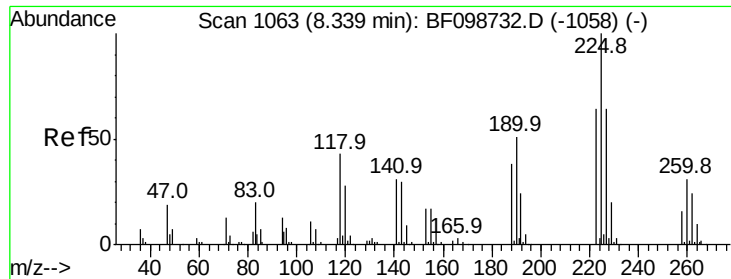


#33
4-Chloroaniline
Concen: 17.917 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	25.7	25.0	37.4
92	17.6	15.2	22.8

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





#34

Hexachlorobutadiene

Concen: 37.610 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

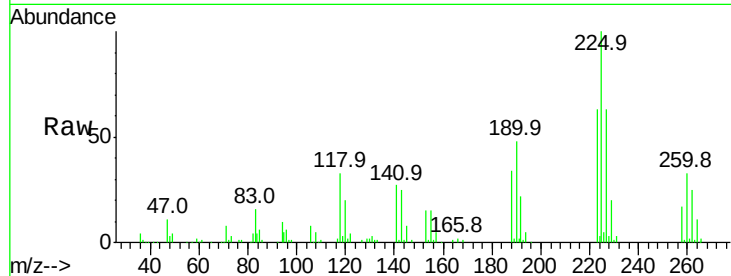
20170718-C-COMP1MS

Tot Ion:	225	Resp:	95603
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.6	76.0
227	63.4	51.9	77.9

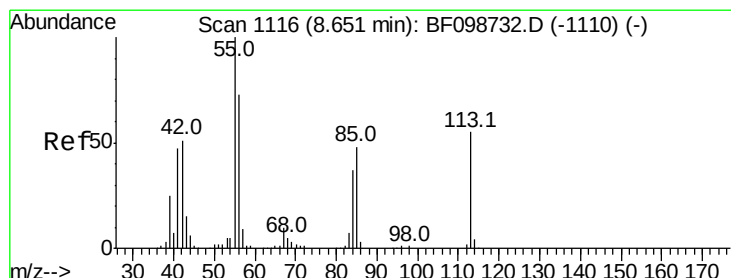
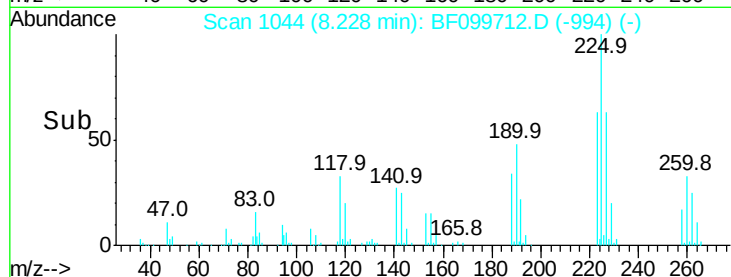
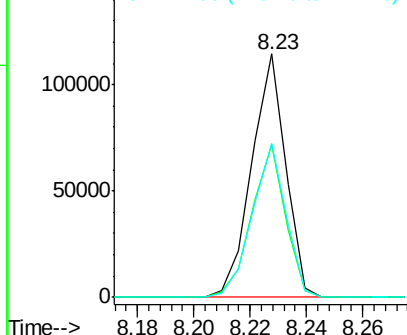
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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 34.690 ng m

RT: 8.54 min Scan# 1097

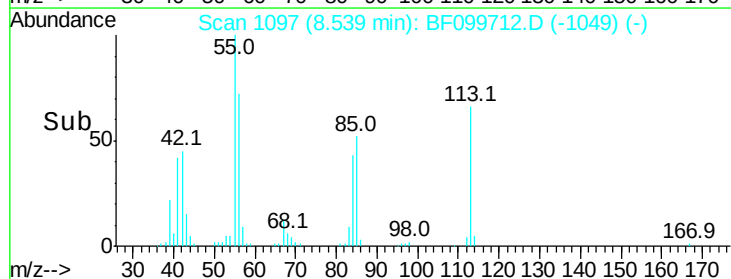
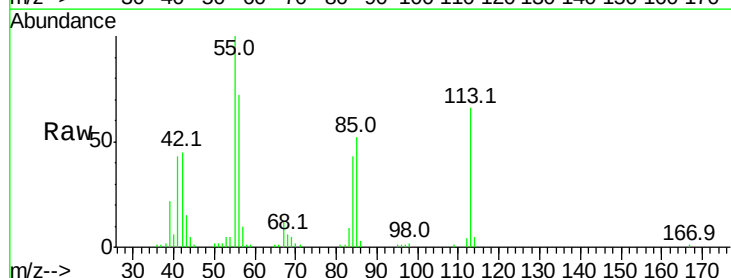
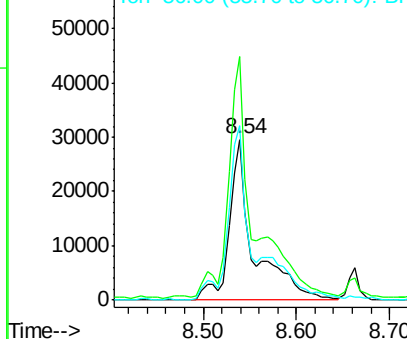
Delta R.T. -0.02 min

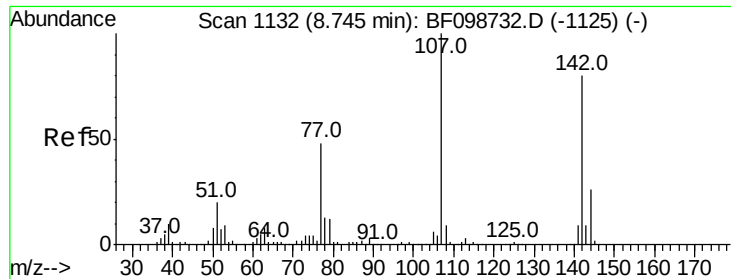
Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Tgt Ion:	113	Resp:	54909
Ion Ratio	Lower	Upper	
113	100		
55	151.4	163.3	203.3#
56	108.8	115.7	155.7#

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





#36
4-Chloro-3-methylphenol
Concen: 33.480 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

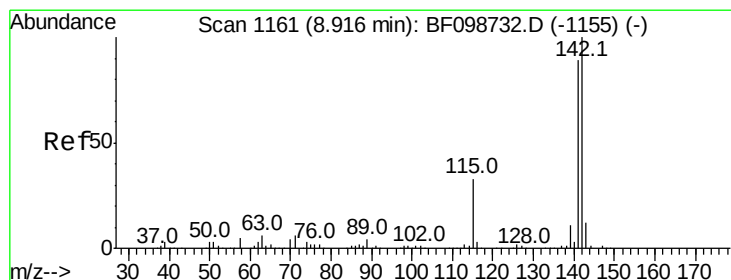
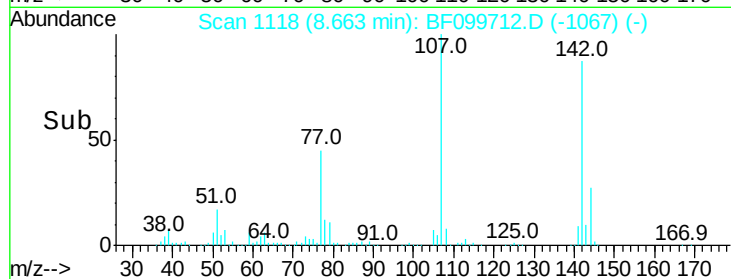
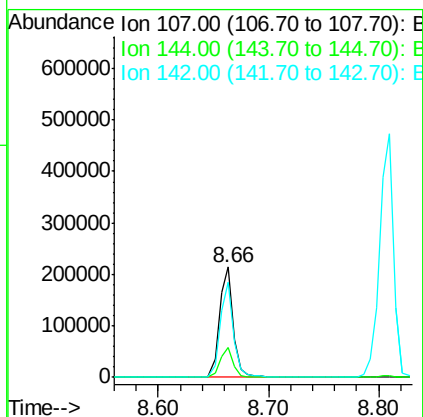
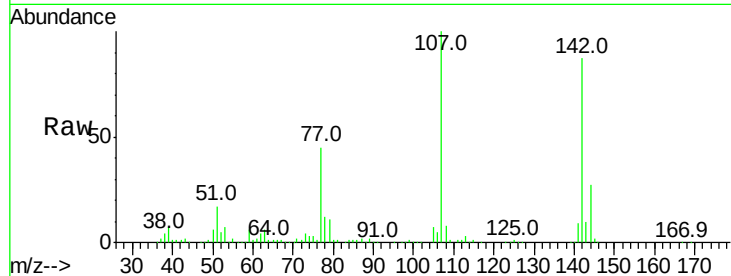
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.5	30.7
142	86.9	62.0	93.0

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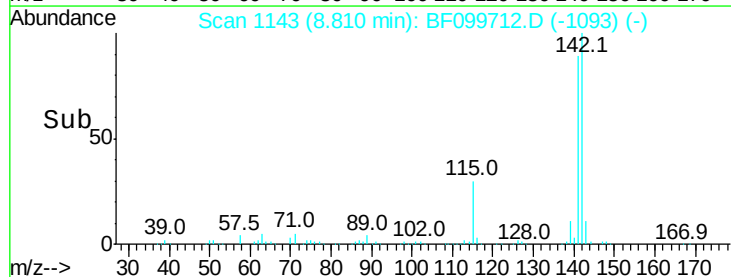
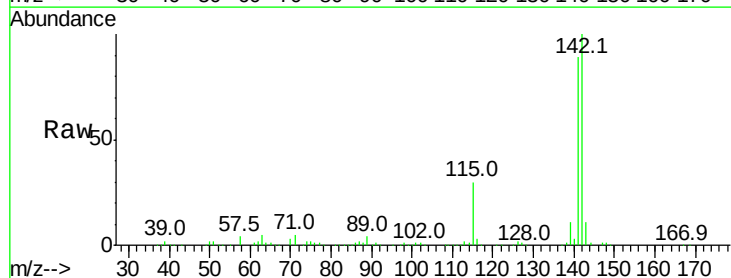
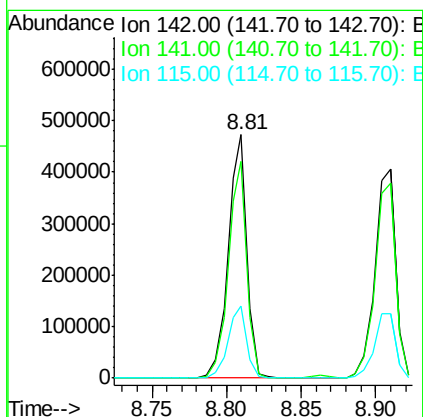
Sohil

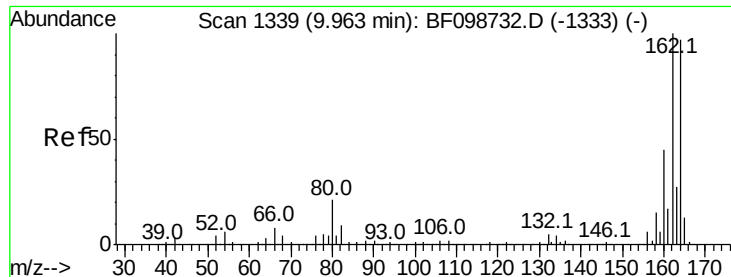
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#37
2-Methylnaphthalene
Concen: 38.345 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	29.6	26.1	39.1





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

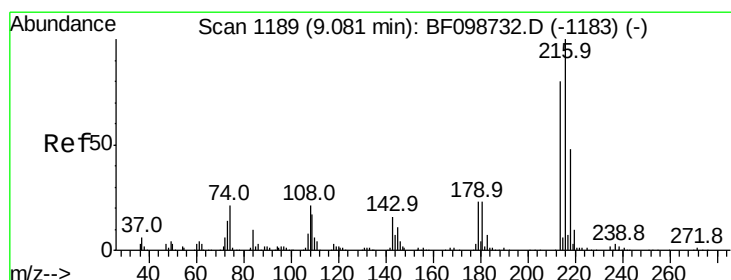
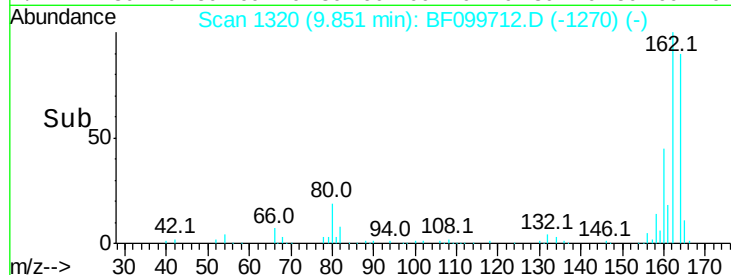
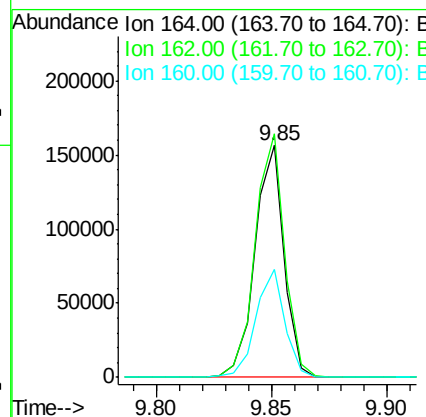
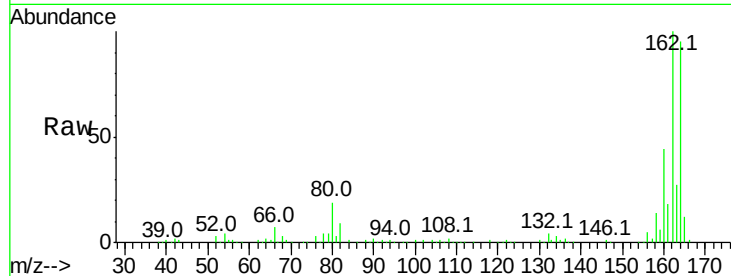
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	137121		
162	105.1	86.1	129.1	
160	46.7	38.3	57.5	

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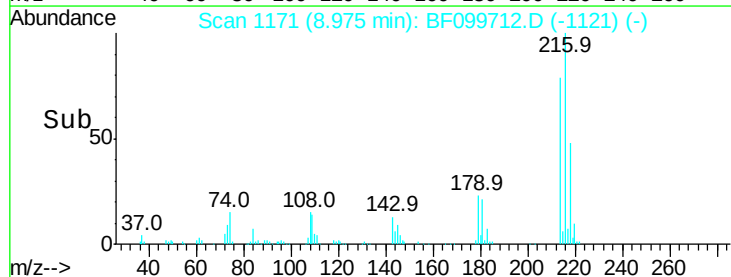
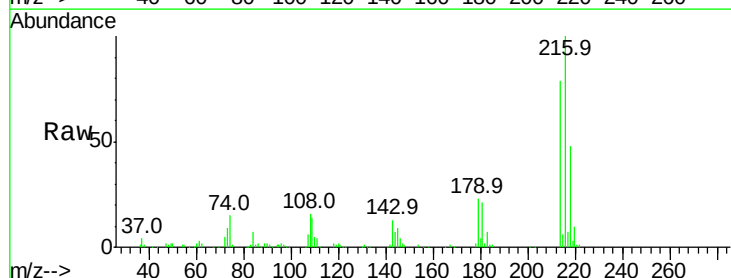
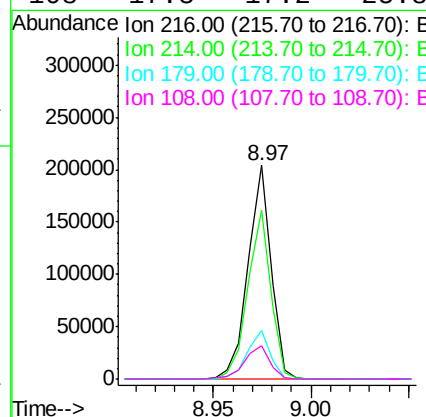
Sohil

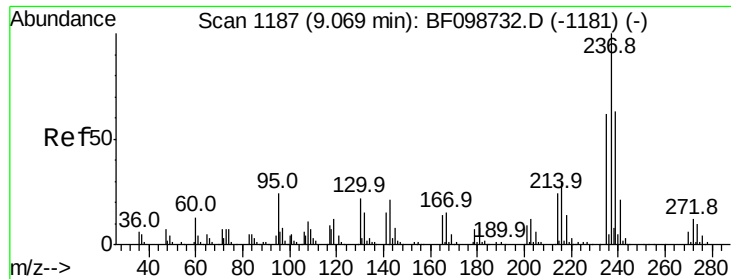
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.769 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	166718		
214	79.4	63.0	94.4	
179	22.4	18.1	27.1	
108	17.3	17.2	25.8	





#40
Hexachlorocyclopentadiene
Concen: 8.434 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

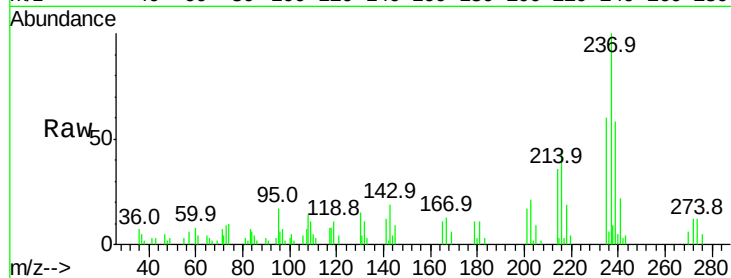
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion:	237	Resp:	15761
Ion Ratio	Lower	Upper	
237	100		
235	59.8	44.8	84.8
272	12.2	0.0	33.3

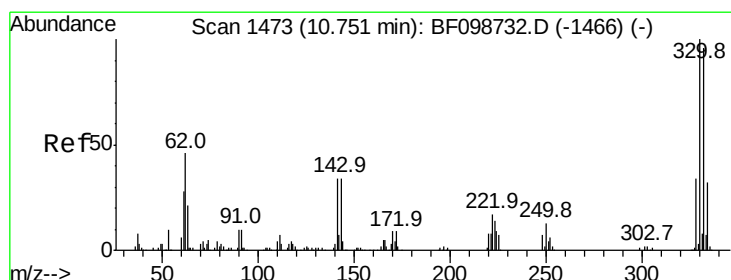
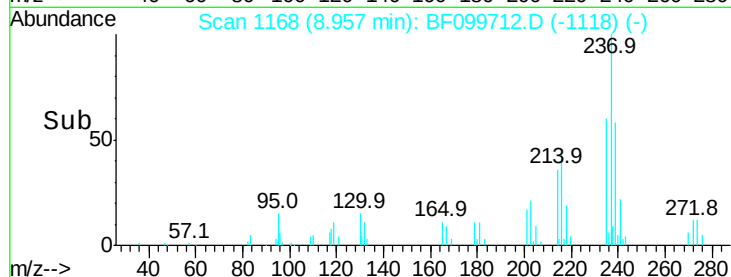
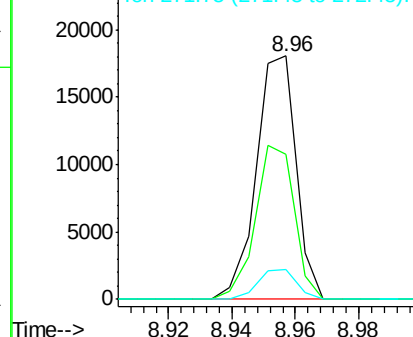
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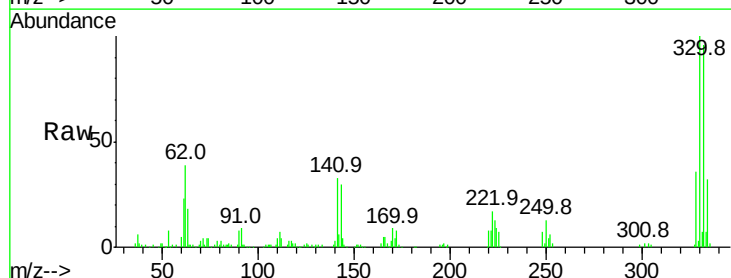


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

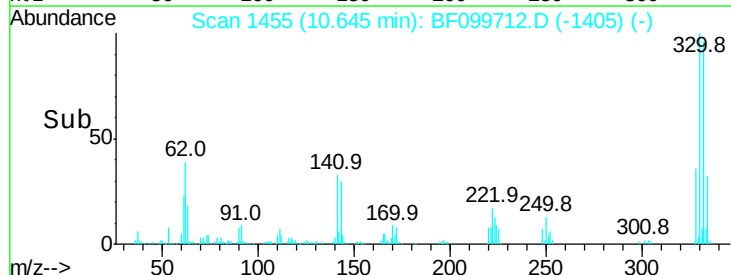
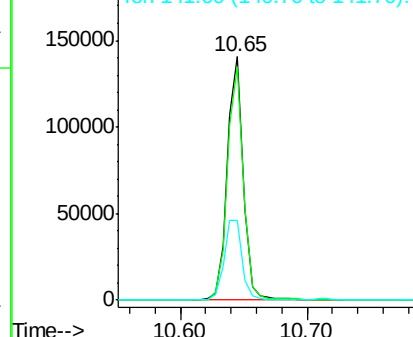


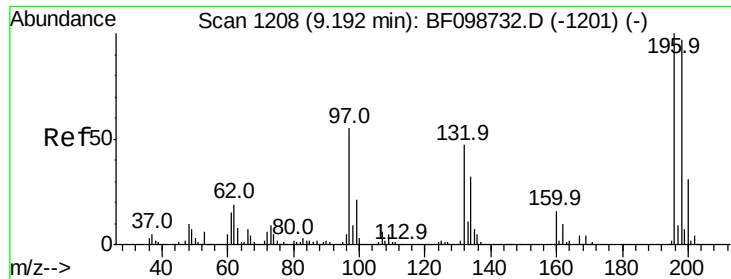
#41
2,4,6-Tribromophenol
Concen: 110.796 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion:	330	Resp:	124315
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	37.2	29.9	44.9



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





#42
 2,4,6-Trichlorophenol
 Concen: 38.897 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

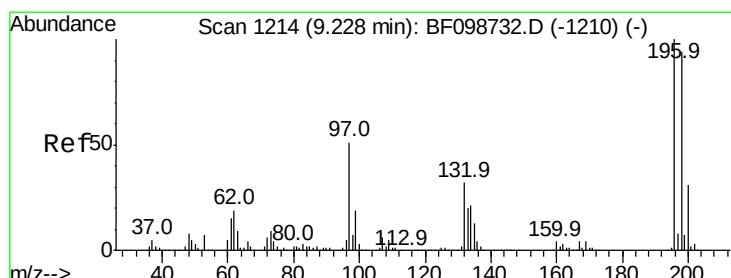
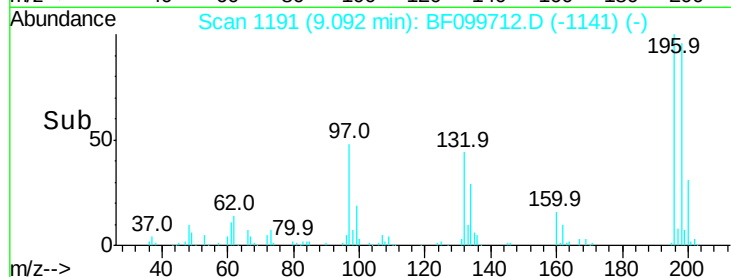
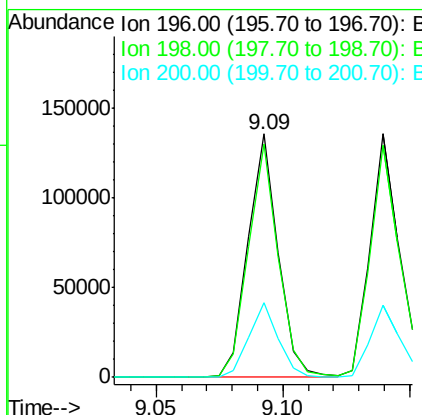
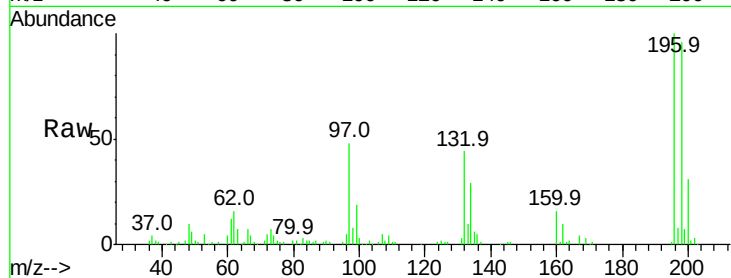
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Tot Ion:	196	Resp:	112684
Ion Ratio	Lower	Upper	
196	100		
198	95.9	75.7	113.5
200	30.9	24.5	36.7

Manual Integrations
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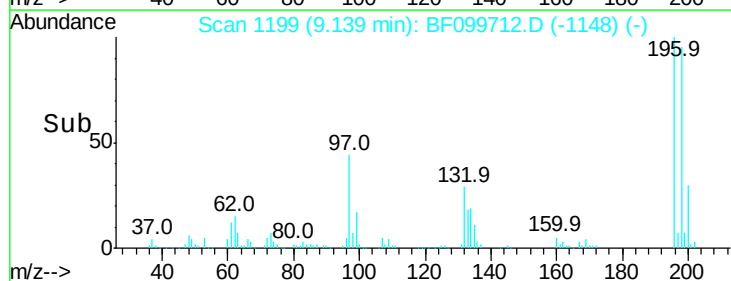
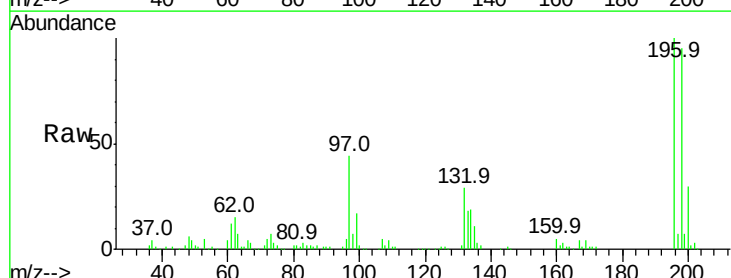
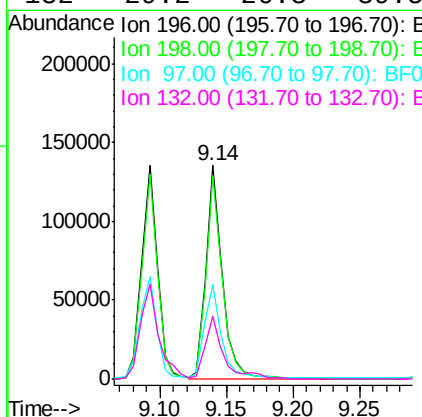
Sohil

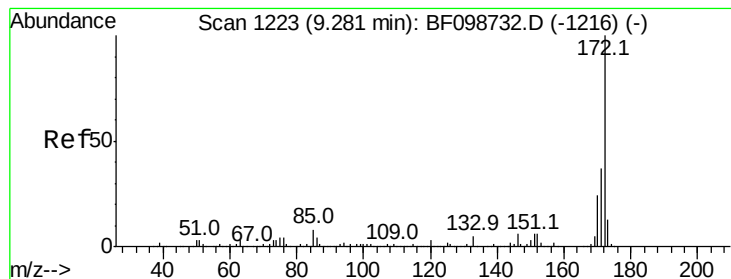
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#43
 2,4,5-Trichlorophenol
 Concen: 40.556 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion:	196	Resp:	117287
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	44.3	42.9	64.3
132	29.2	26.3	39.5





#44

2-Fluorobiphenyl

Concen: 90.989 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

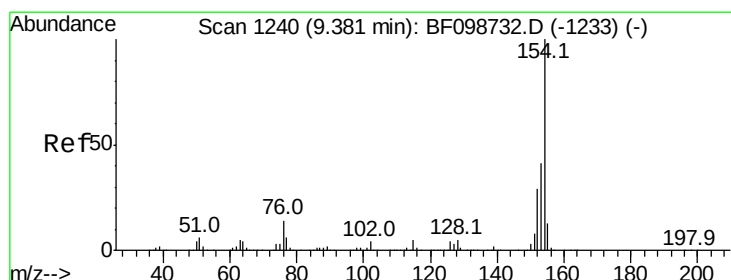
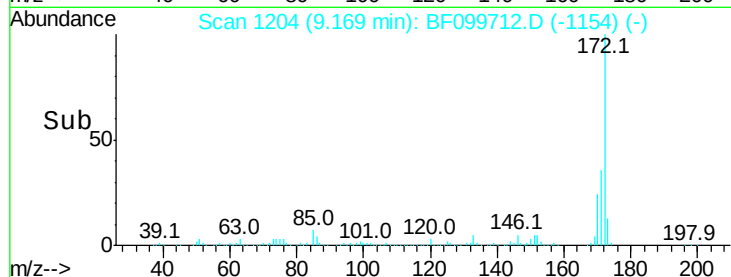
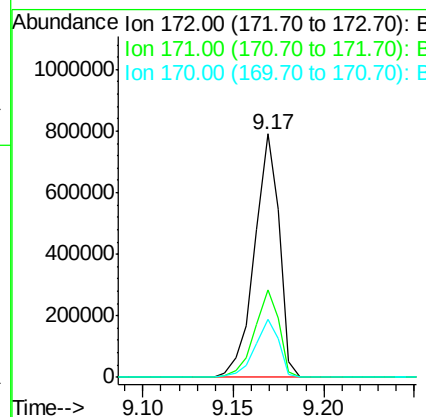
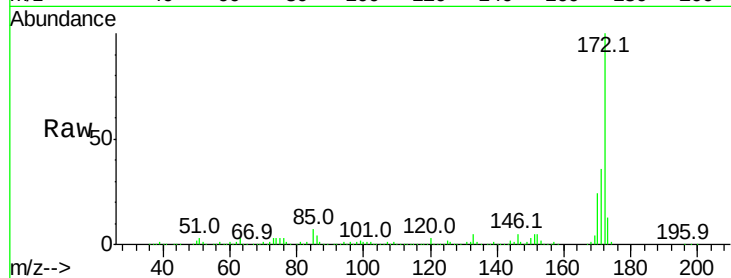
20170718-C-COMP1MS

Tot Ion:	172	Resp:	747353
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

Manual Integrations
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Sohil

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#45

1,1'-Biphenyl

Concen: 39.925 ng

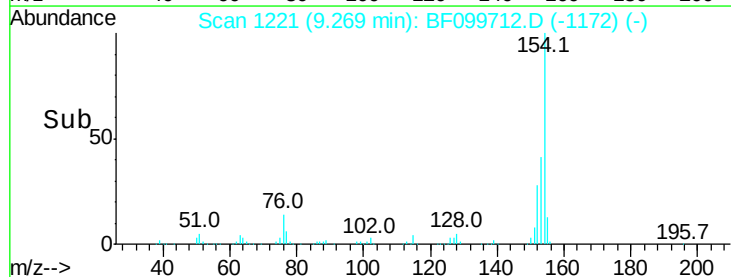
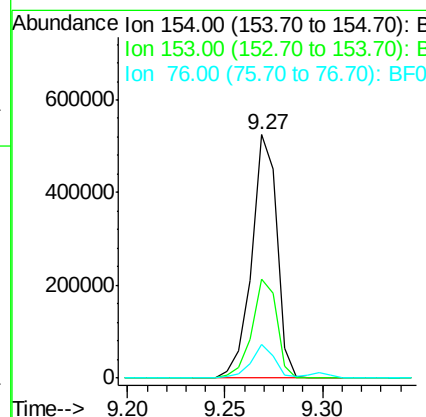
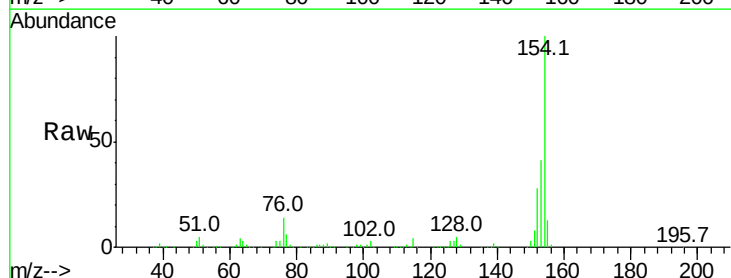
RT: 9.27 min Scan# 1221

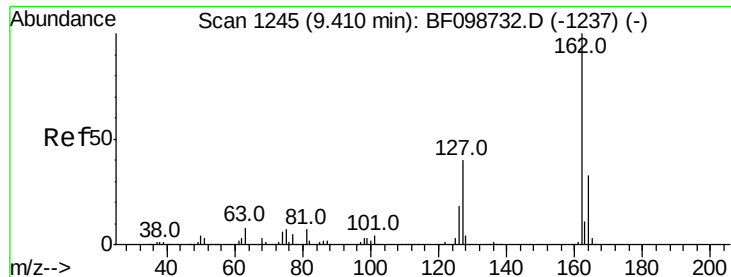
Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Tgt Ion:	154	Resp:	470509
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	13.7	0.0	34.0





#46
 2-Chloronaphthalene
 Concen: 41.282 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

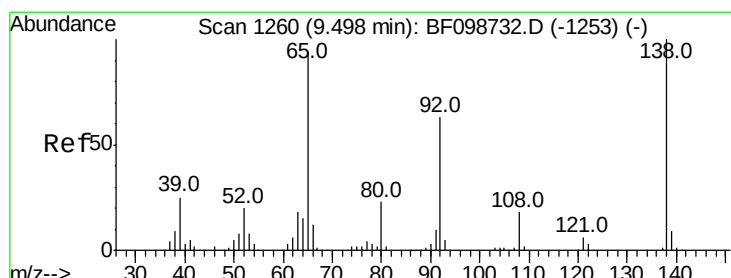
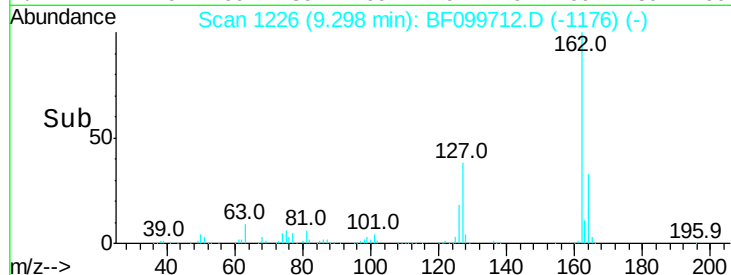
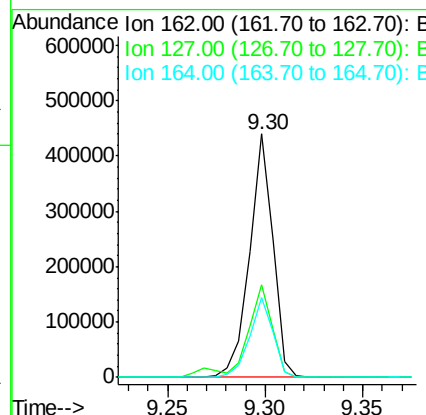
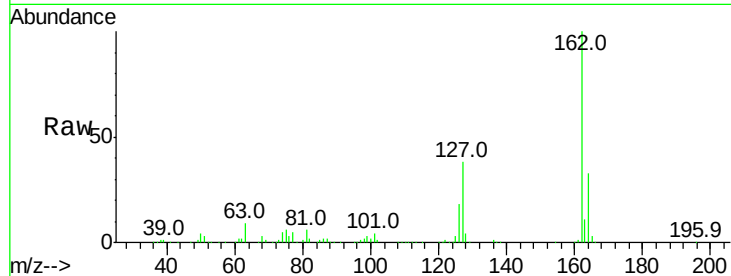
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.8	33.9	50.9	
164	32.8	26.5	39.7	

Manual Integrations
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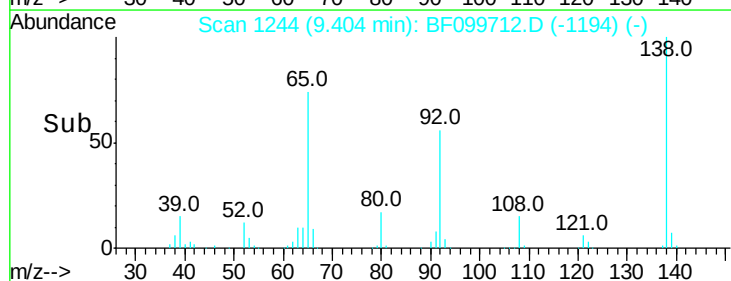
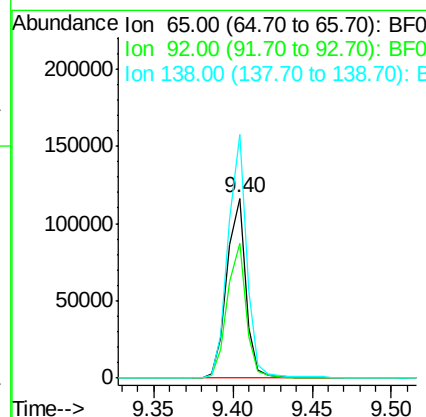
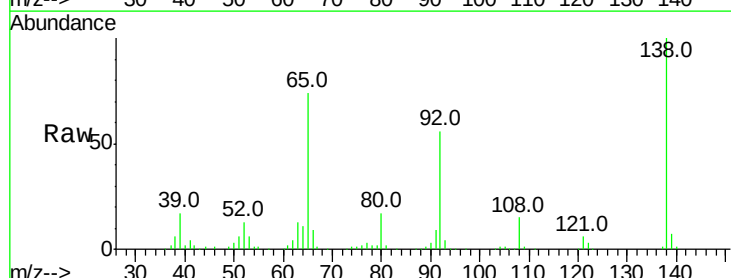
Sohil

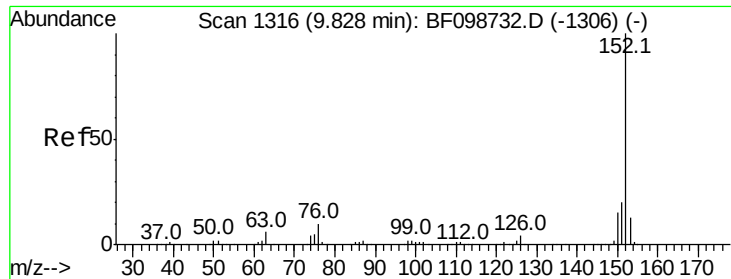
10/23/2017 3:26:30 PM



#47
 2-Nitroaniline
 Concen: 35.716 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.3	55.8	83.6	
138	135.6	91.2	136.8	





#48

Acenaphthylene

Concen: 38.259 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

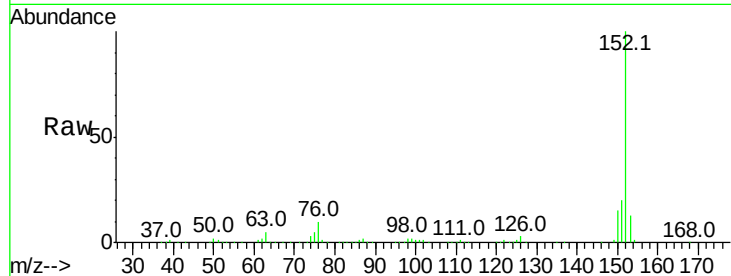
20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	518221		
151	20.1	16.3	24.5	
153	12.6	10.7	16.1	

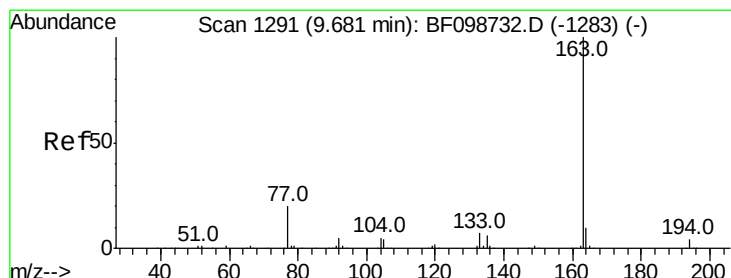
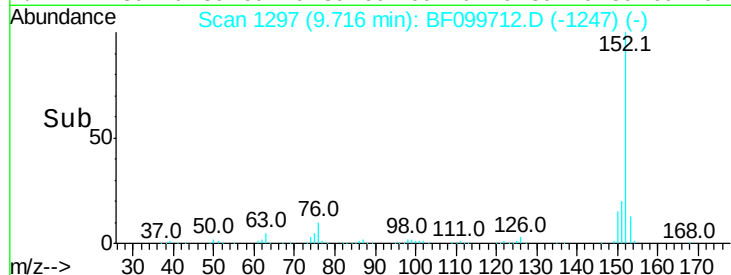
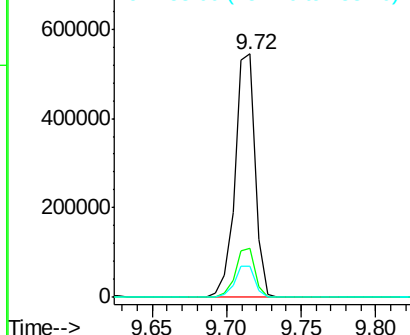
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.710 ng

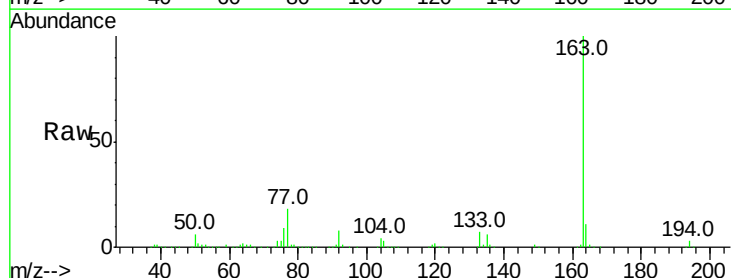
RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

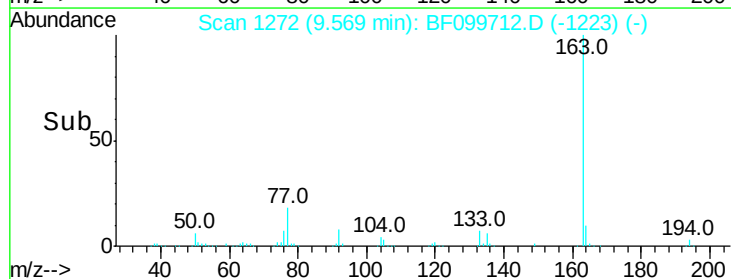
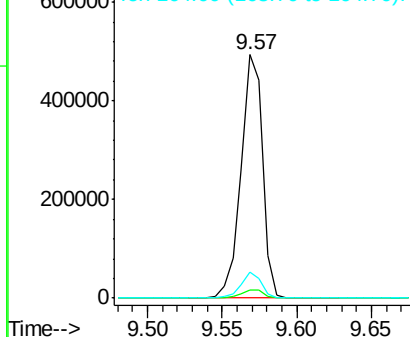
Lab File: BF099712.D

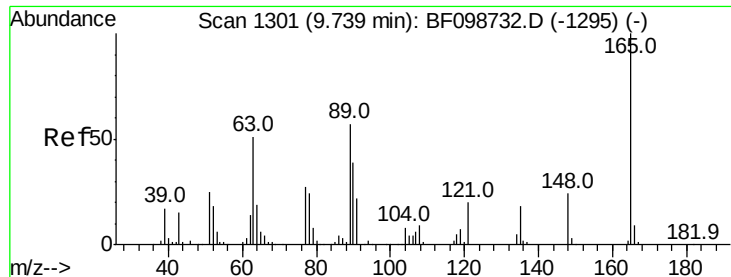
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	493757		
194	3.4	2.7	4.1	
164	10.6	8.2	12.2	



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50
2,6-Dinitrotoluene
Concen: 40.042 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

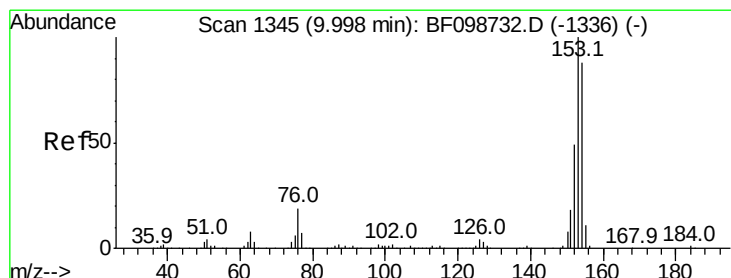
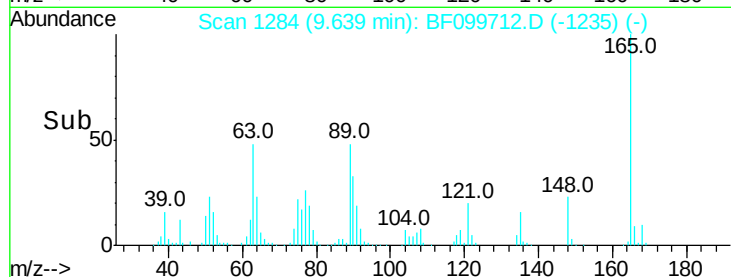
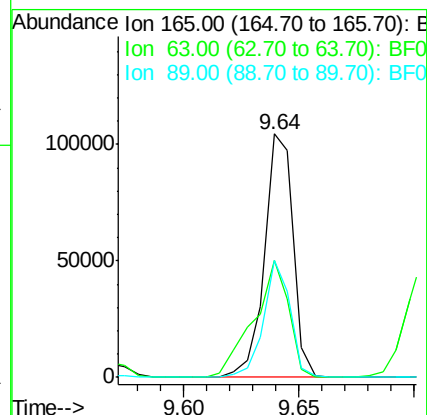
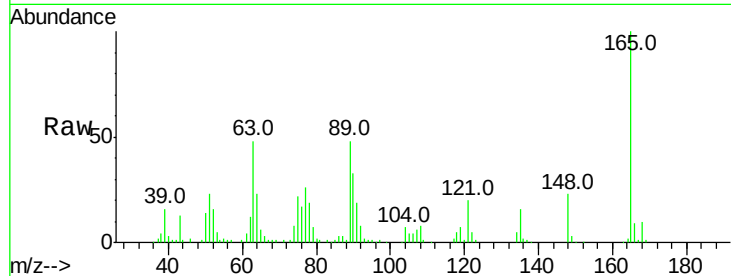
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.8		44.7	67.1
89	48.1		44.0	66.0

Manual Integrations
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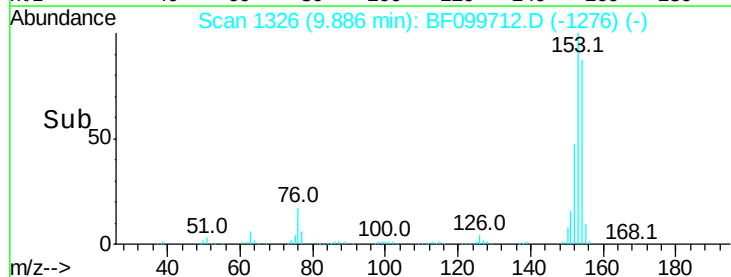
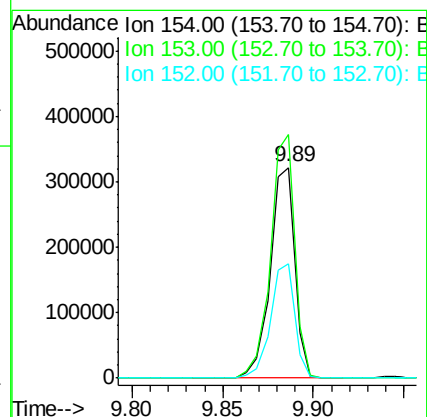
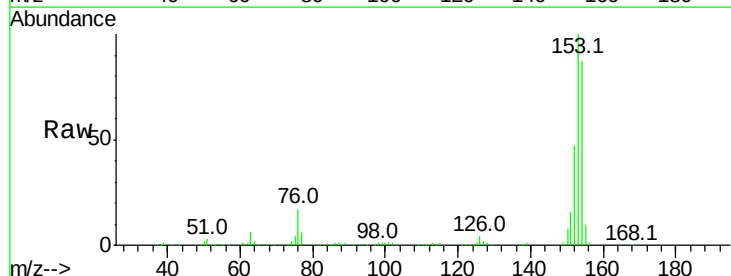
Sohil

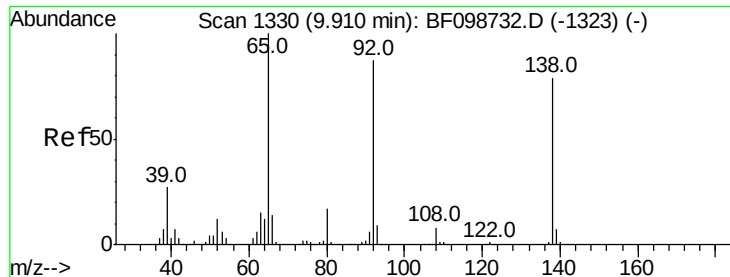
10/23/2017 3:26:30 PM



#51
Acenaphthene
Concen: 35.430 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	115.5		91.2	136.8
152	54.1		43.8	65.8





#52

3-Nitroaniline

Concen: 29.551 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

20170718-C-COMP1MS

Tot Ion:138 Resp: 77633

Ion Ratio Lower Upper

138 100

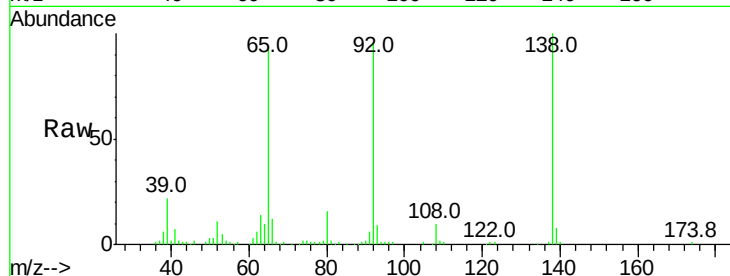
108 9.5 9.4 14.0

92 95.9 89.4 134.2

Manual Integrations
APPROVED

Sohil

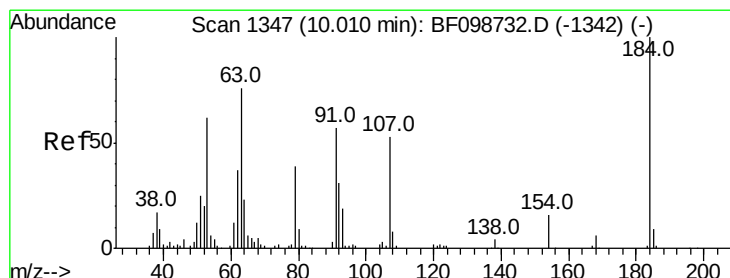
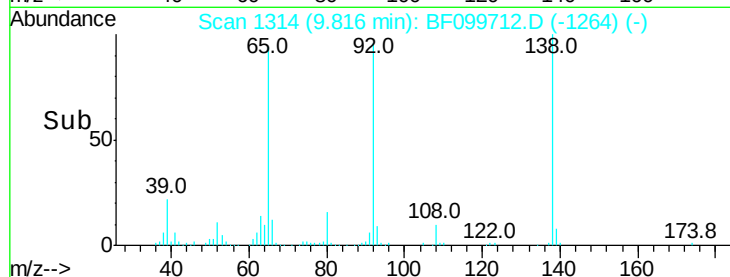
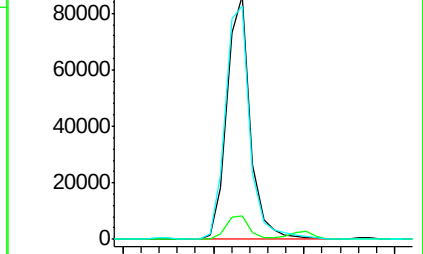
10/23/2017 3:26:30 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 10.002 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

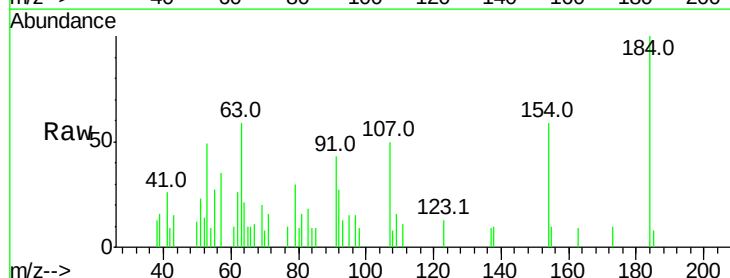
Tgt Ion:184 Resp: 5281

Ion Ratio Lower Upper

184 100

63 59.2 54.2 81.2

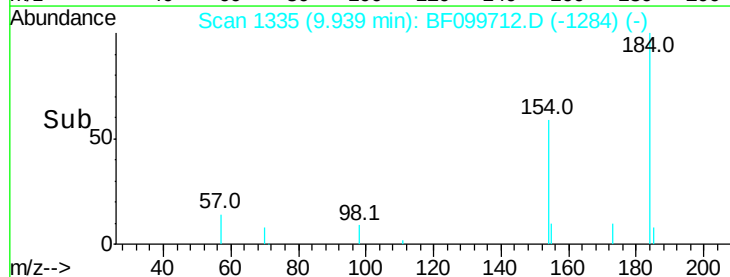
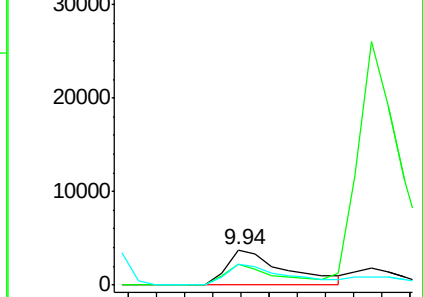
154 59.3 53.5 80.3

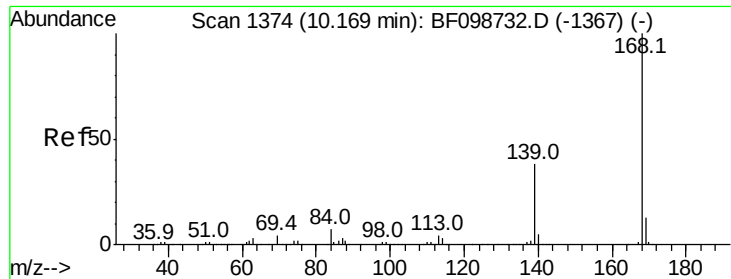


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 38.372 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

20170718-C-COMP1MS

Tot Ion:168 Resp: 438367

Ion Ratio Lower Upper

168 100

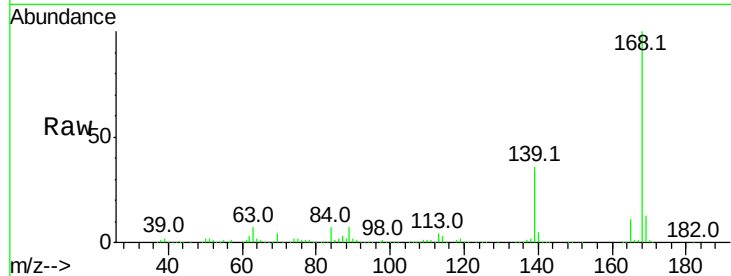
139 35.9 30.1 45.1

169 13.2 10.9 16.3

Manual Integrations
APPROVED

Sohil

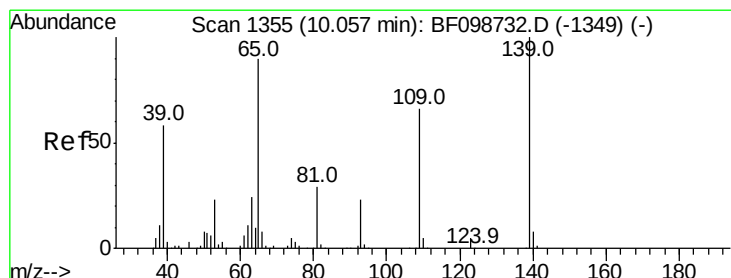
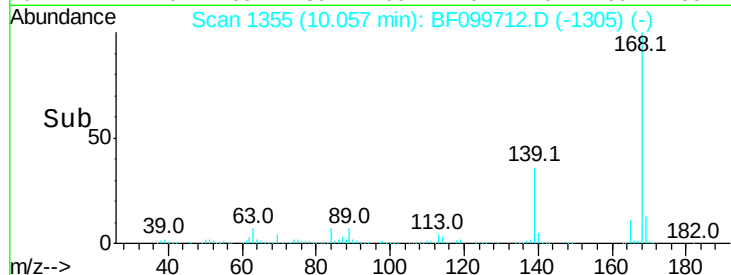
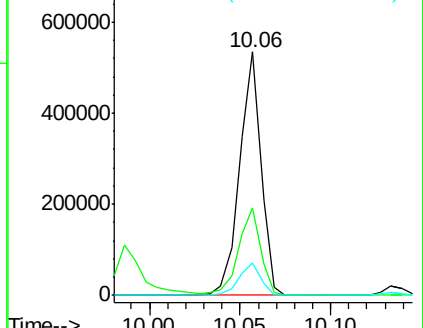
10/23/2017 3:26:30 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 48.313 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

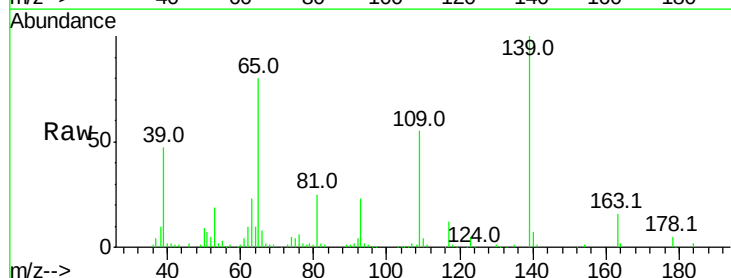
Tgt Ion:139 Resp: 107321

Ion Ratio Lower Upper

139 100

109 55.1 48.4 88.4

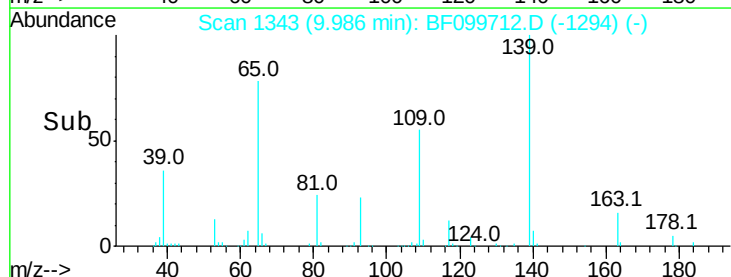
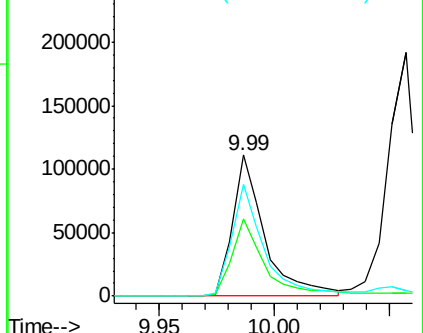
65 79.6 72.6 112.6

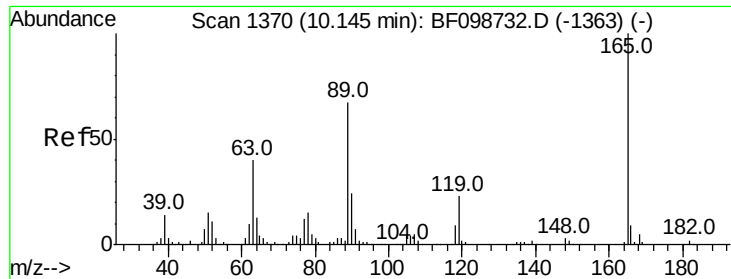


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56
2,4-Dinitrotoluene
Concen: 35.600 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

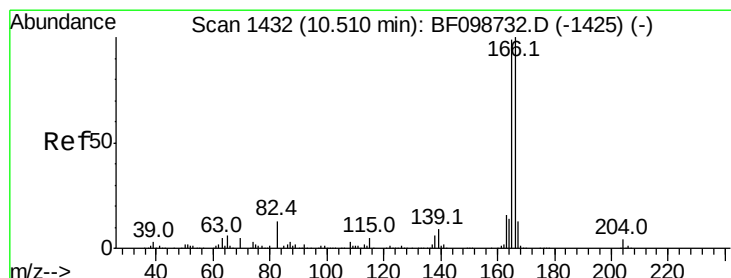
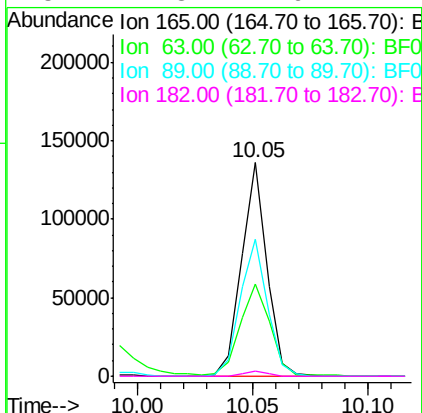
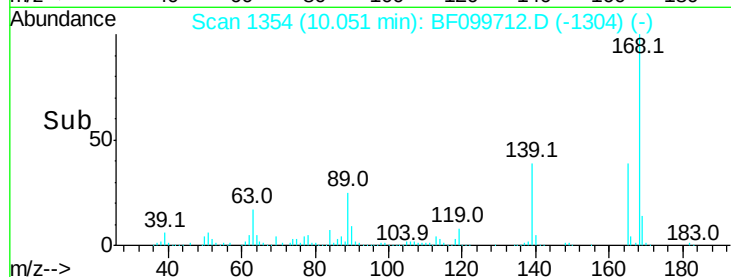
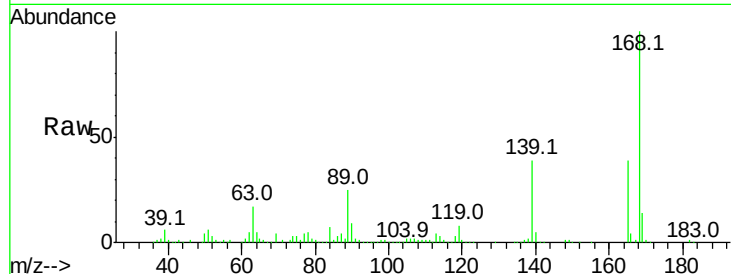
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.1	36.4	54.6	
89	64.4	57.8	86.6	
182	2.3	1.6	2.4	

Manual Integrations
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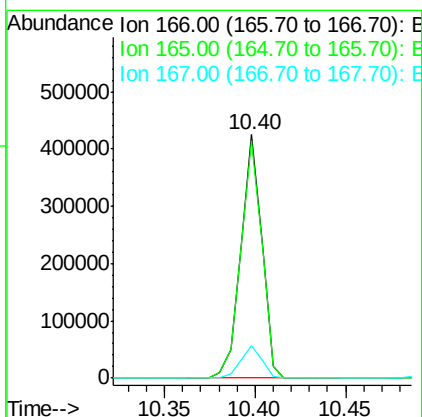
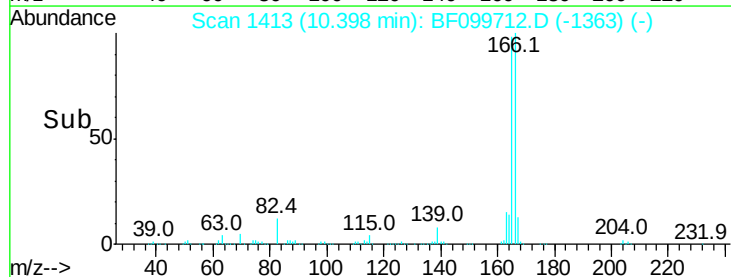
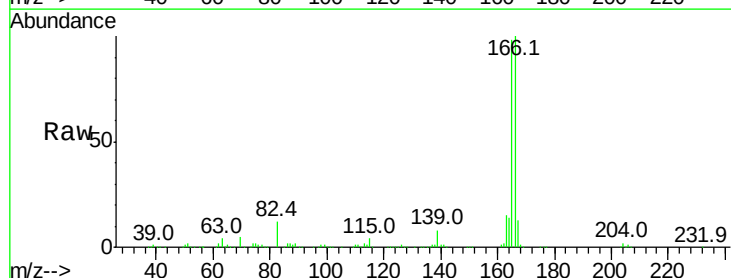
Sohil

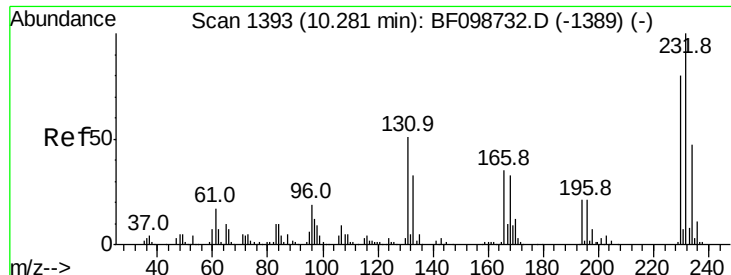
10/23/2017 3:26:30 PM



#57
Fluorene
Concen: 37.035 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	79.8	119.8	
167	13.1	10.6	16.0	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.262 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

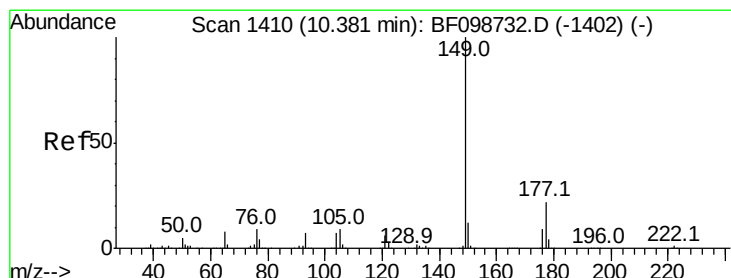
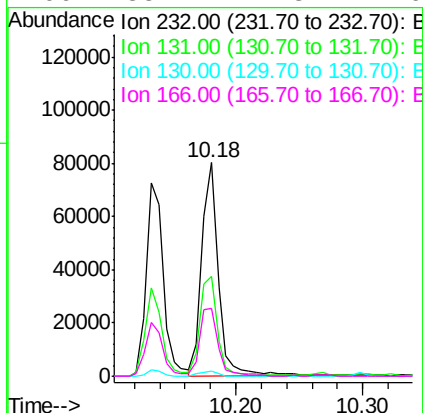
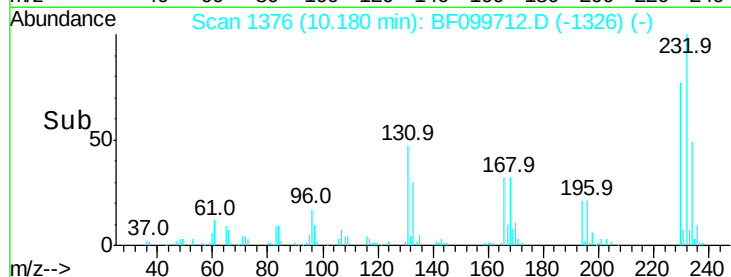
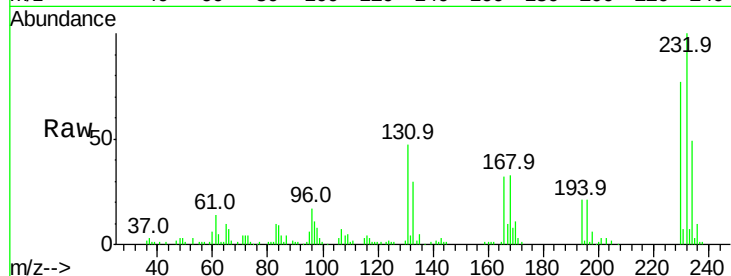
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Tot Ion:	232	Resp:	72442
Ion Ratio	Lower	Upper	
232	100		
131	49.2	43.8	65.8
130	2.4	2.1	3.1
166	35.1	27.8	41.6

Manual Integrations
 APPROVED

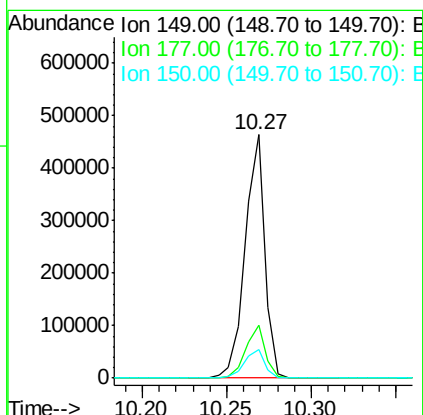
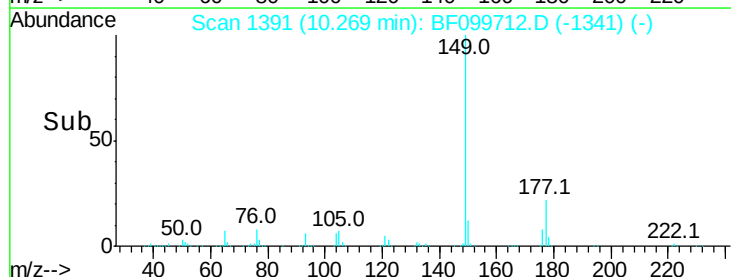
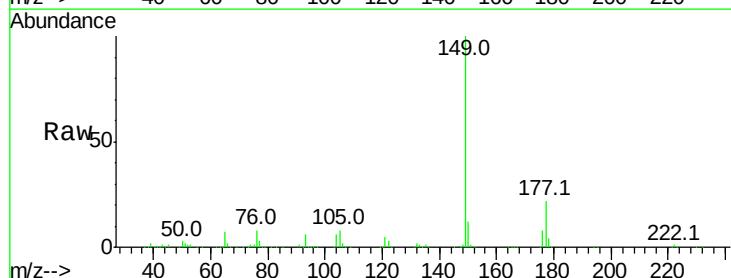
Sohil

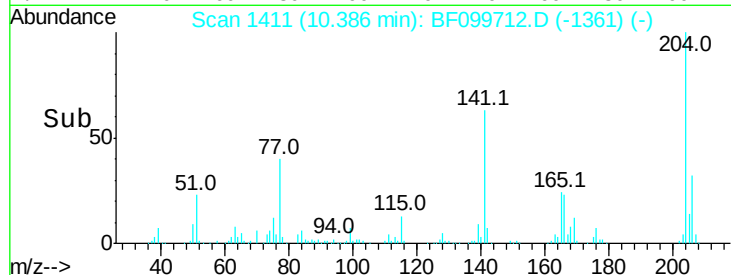
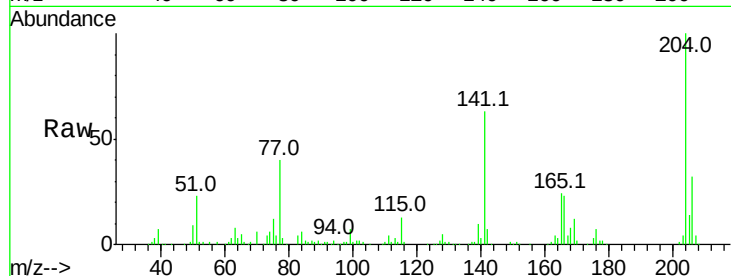
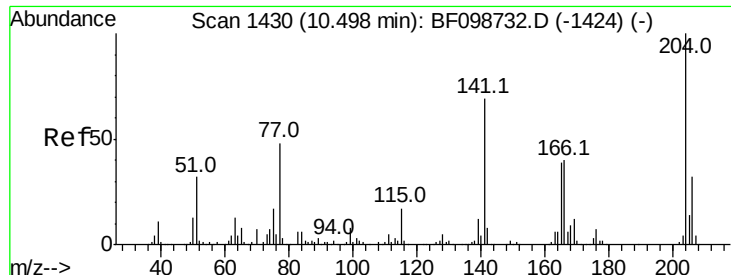
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#59
 Diethylphthalate
 Concen: 37.456 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion:	149	Resp:	378781
Ion Ratio	Lower	Upper	
149	100		
177	21.8	16.1	24.1
150	11.7	10.1	15.1





#60
4-Chlorophenyl-phenylether
Concen: 38.090 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

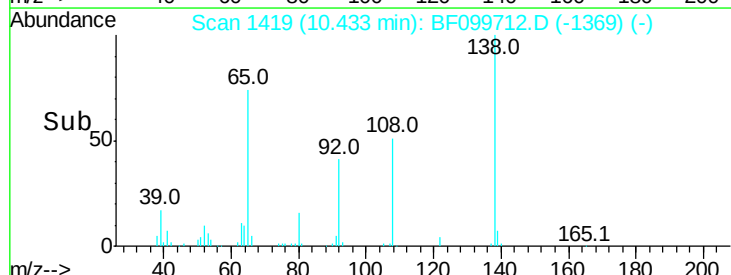
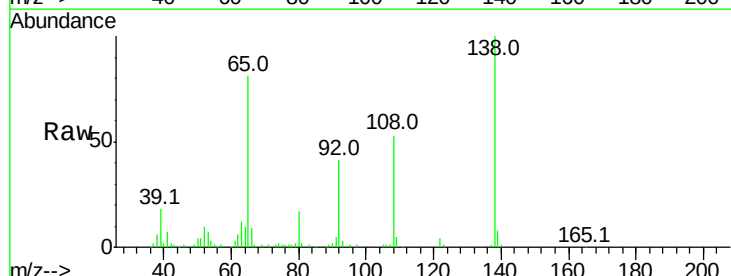
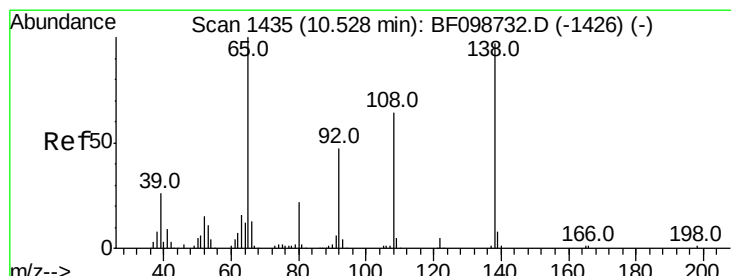
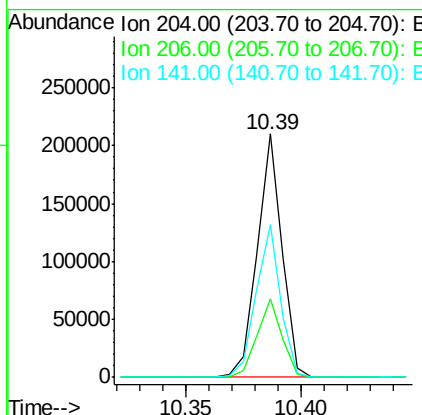
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	157110		
206	32.0		26.5	39.7
141	62.7		54.6	81.8

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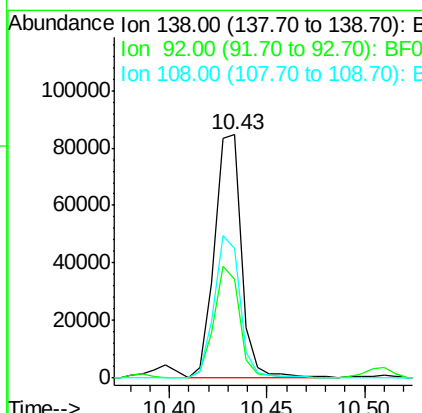
Sohil

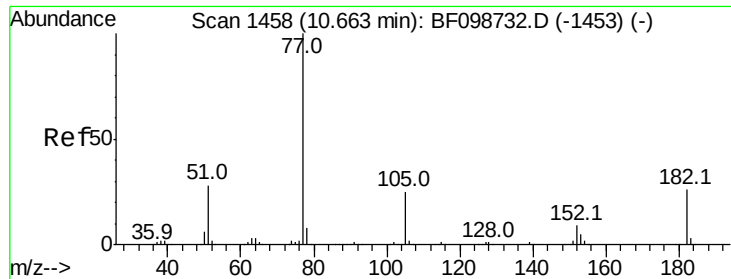
10/23/2017 3:26:30 PM



#61
4-Nitroaniline
Concen: 32.231 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	81690		
92	40.6		30.2	70.2
108	53.4		52.5	92.5





#62

Azobenzene

Concen: 48.450 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

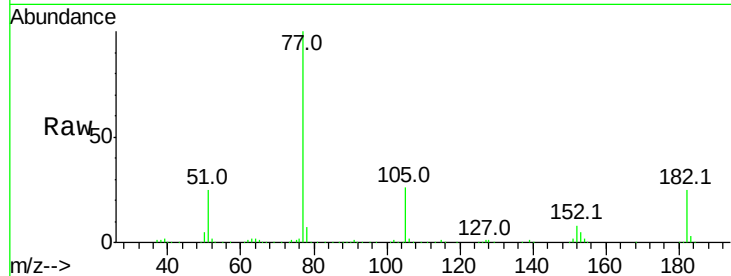
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	1.7	41.7
105	26.3	3.0	43.0
51	24.7	9.9	49.9

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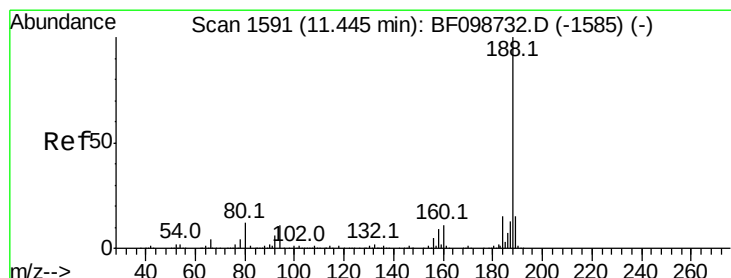
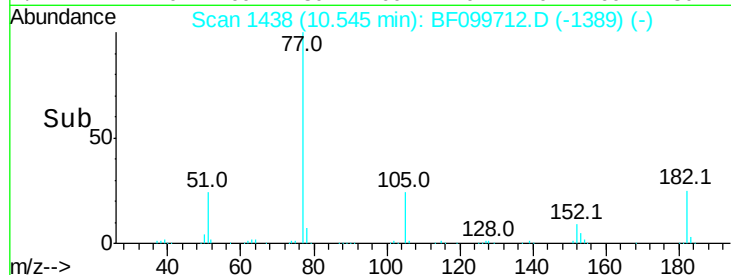
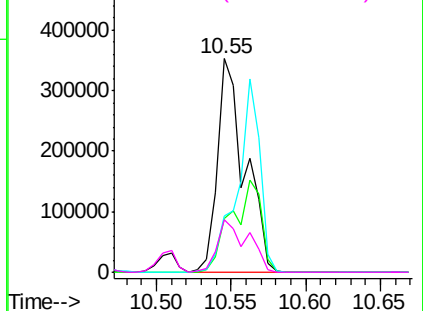


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF099712.D

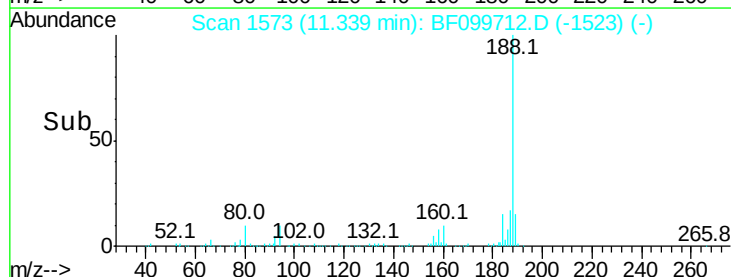
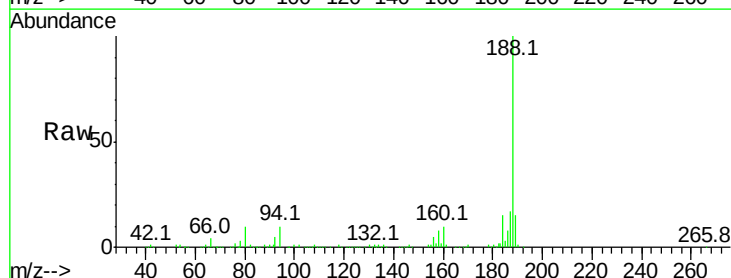
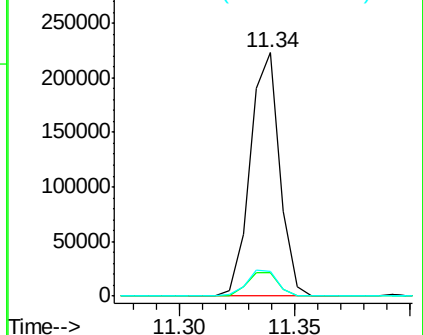
Acq: 20 Oct 2017 20:29

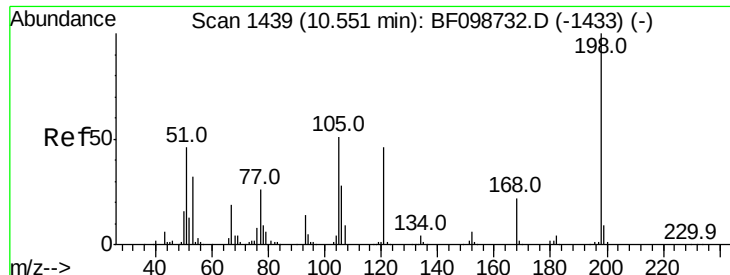
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.3	9.2	13.8

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: 13.892 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

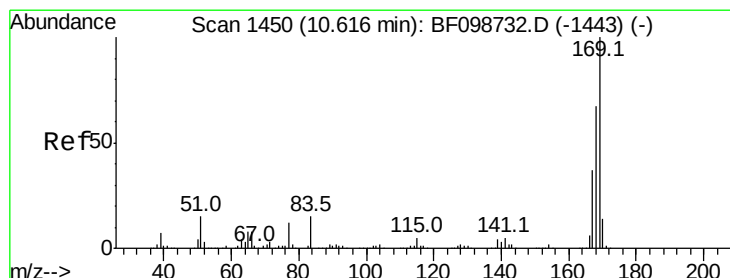
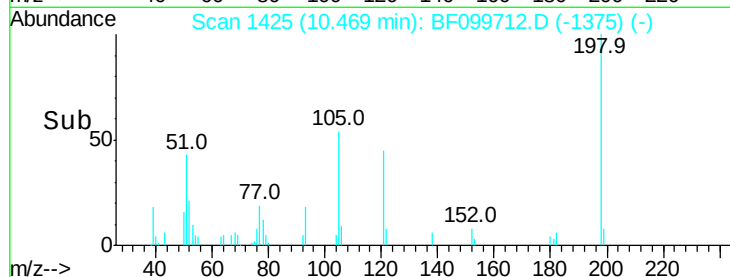
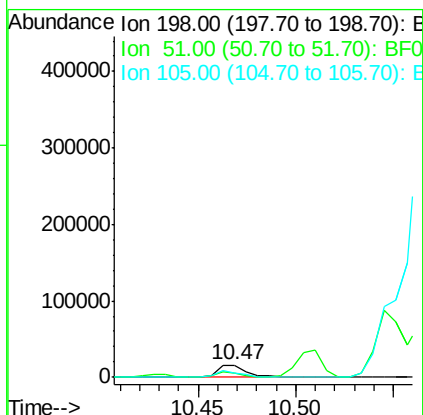
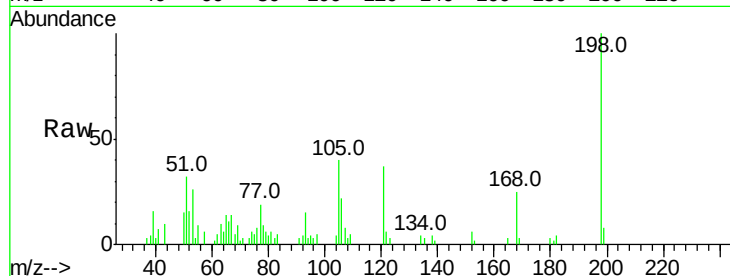
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.6	37.7	77.7#
105	39.9	36.3	76.3

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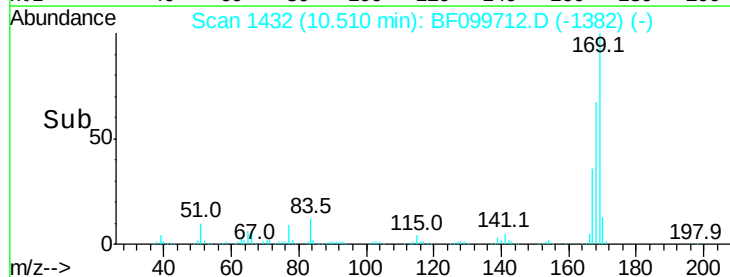
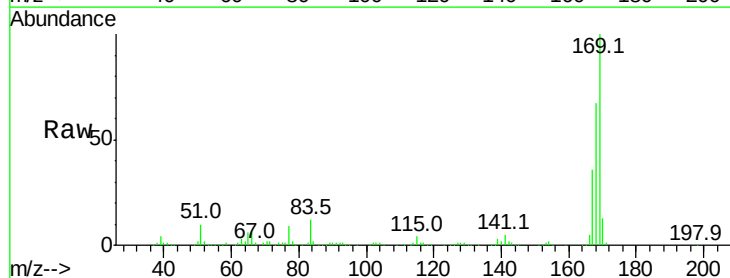
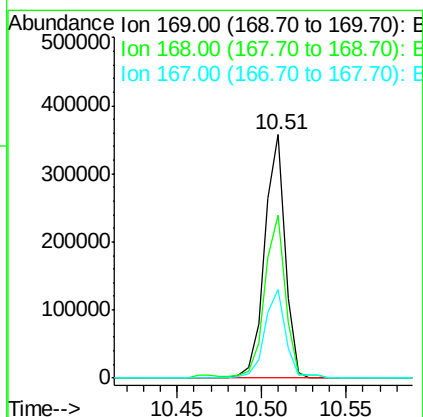
Sohil

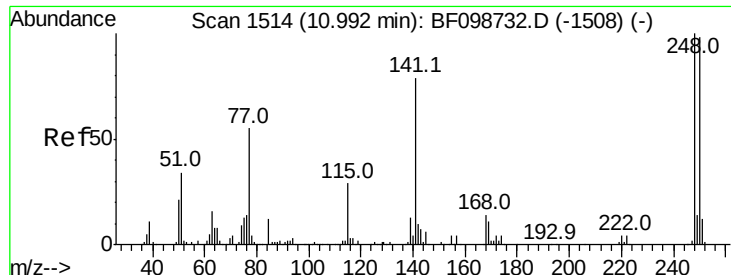
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#65
n-Nitrosodiphenylamine
Concen: 43.640 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.4	81.6
167	36.4	29.8	44.6





#66
 4-Bromophenyl-phenylether
 Concen: 42.932 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

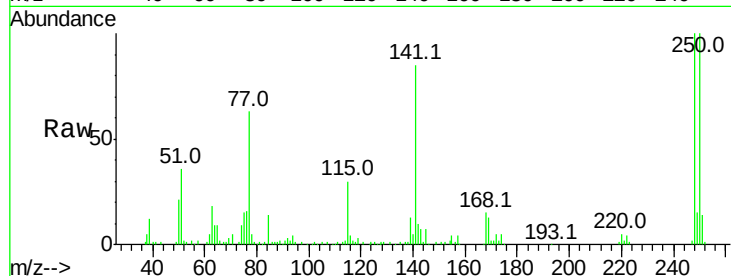
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.3	76.9	115.3
141	85.3	74.4	111.6

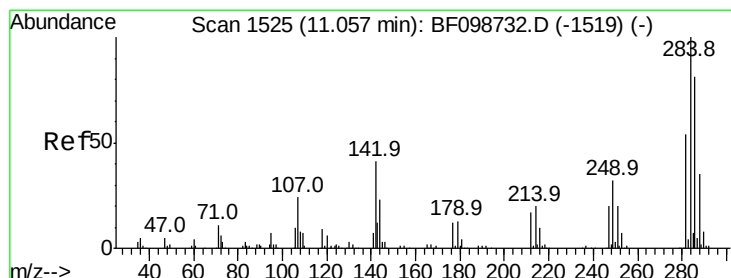
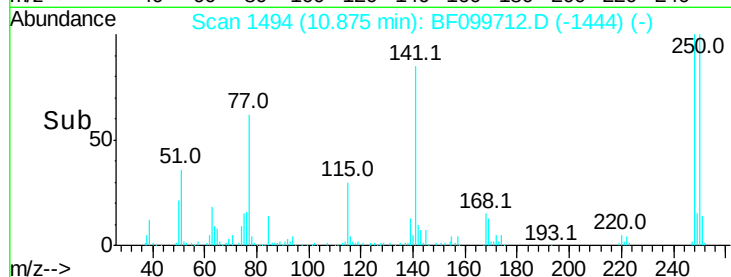
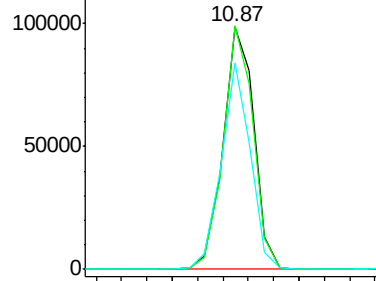
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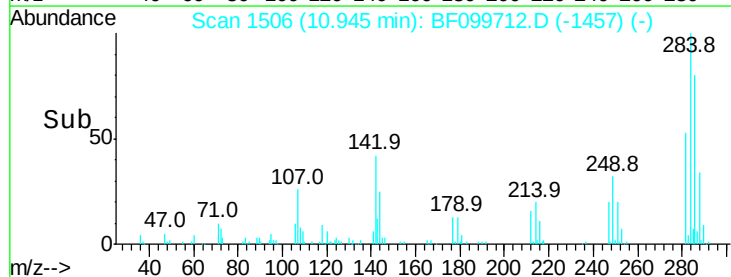
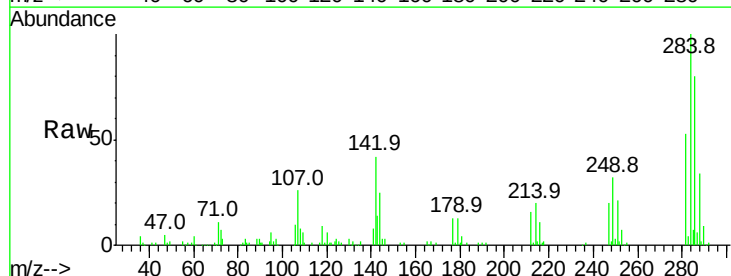
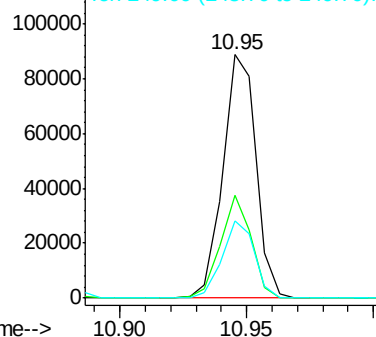
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

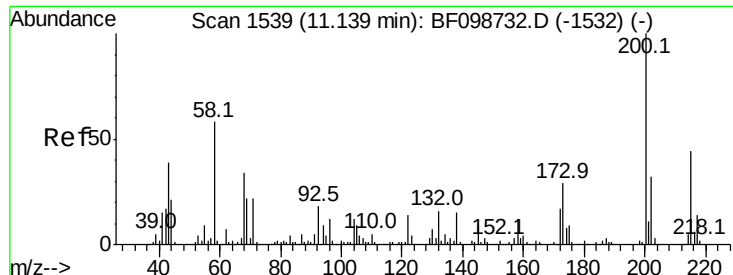


#67
 Hexachlorobenzene
 Concen: 38.728 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.2	34.6	52.0
249	31.8	24.8	37.2

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





#68
Atrazine
Concen: 39.358 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

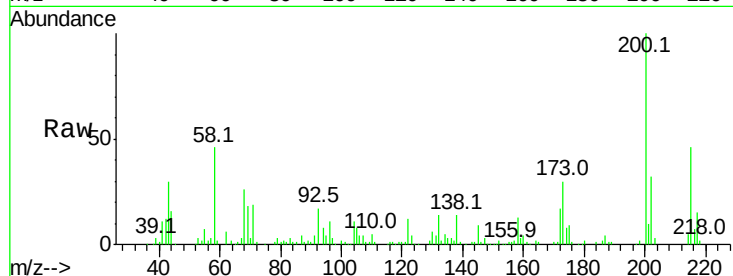
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.6	48.6
215	46.4	25.1	65.1

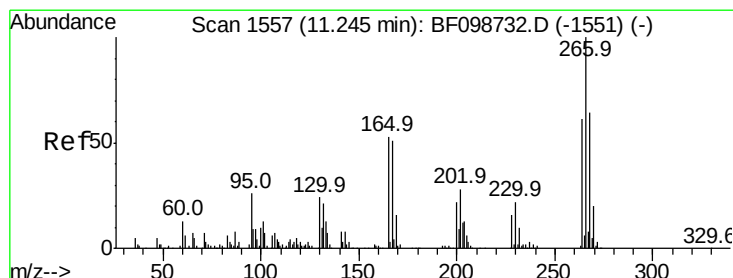
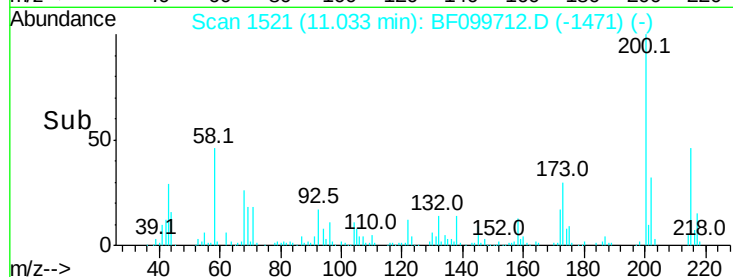
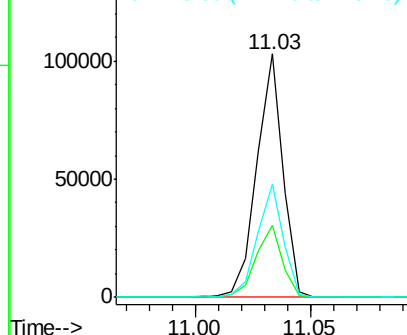
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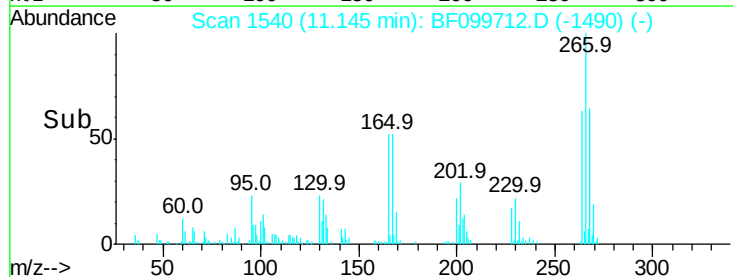
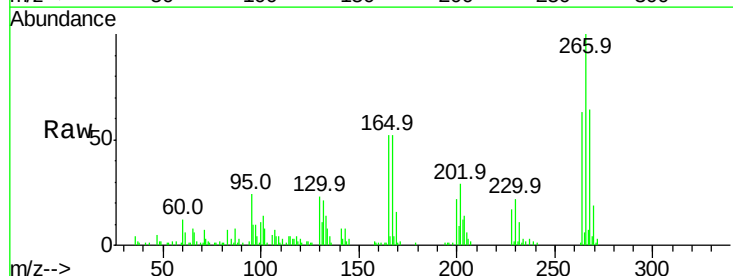
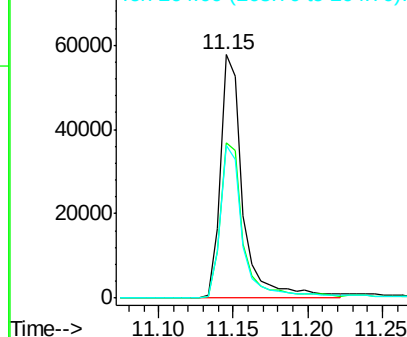
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

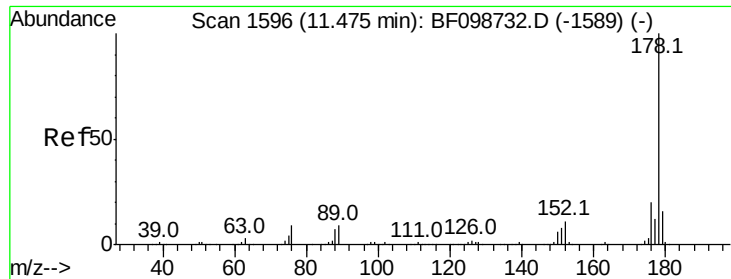


#69
Pentachlorophenol
Concen: 47.720 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.6	49.5	74.3

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





#70
Phenanthrene
Concen: 43.273 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

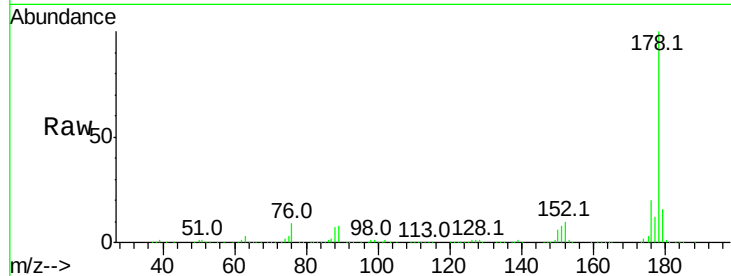
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	13.0	19.6

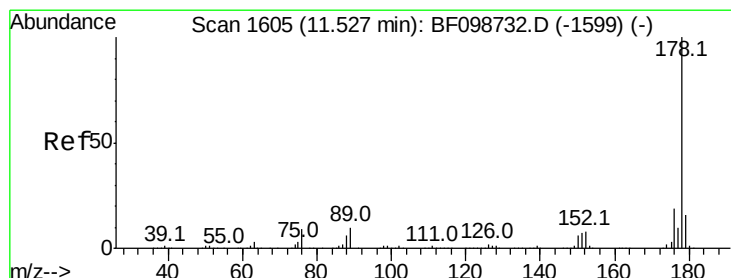
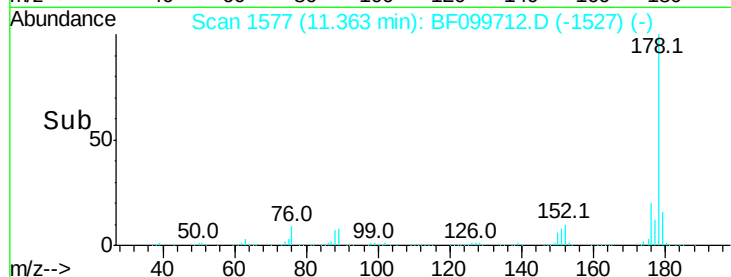
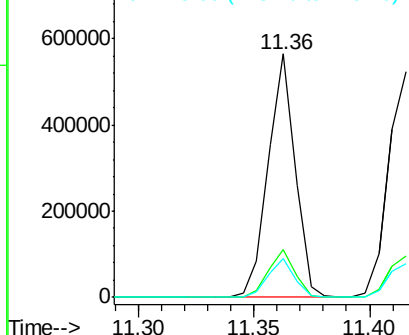
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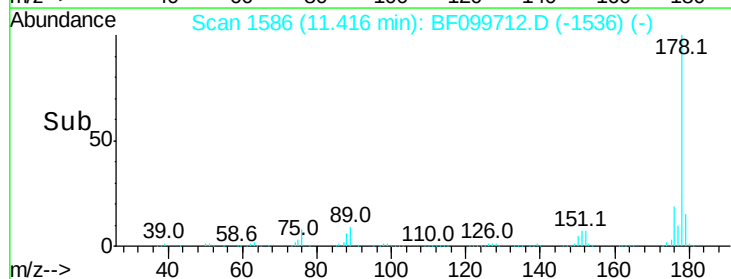
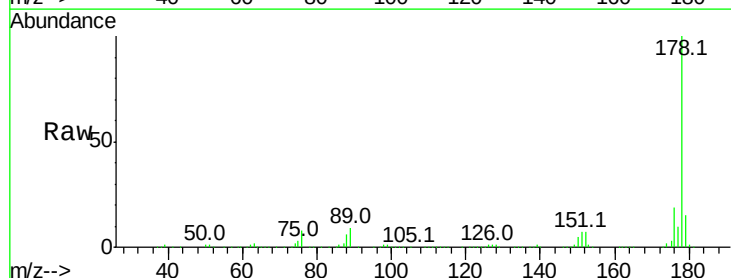
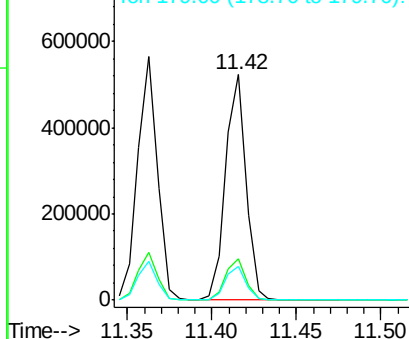
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

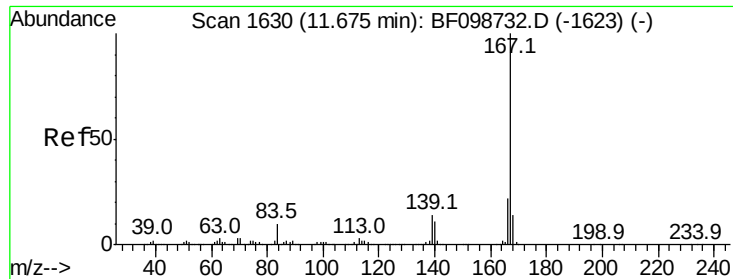


#71
Anthracene
Concen: 40.663 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.2	12.6	19.0

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





#72

Carbazole

Concen: 37.915 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

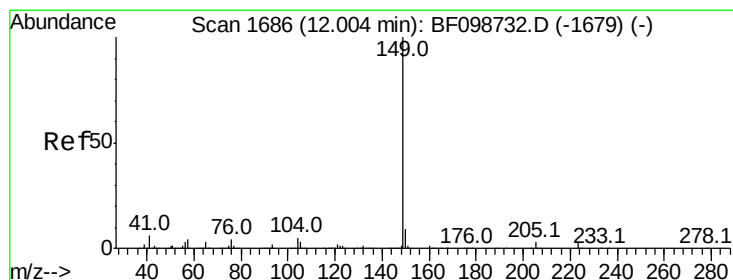
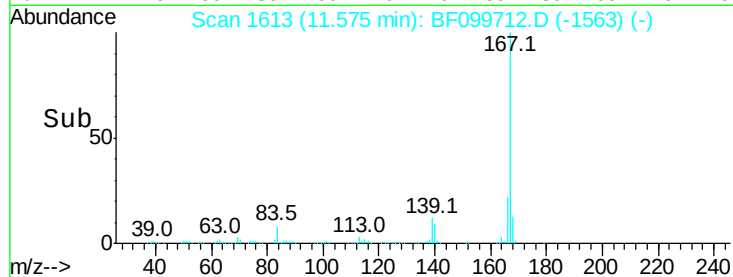
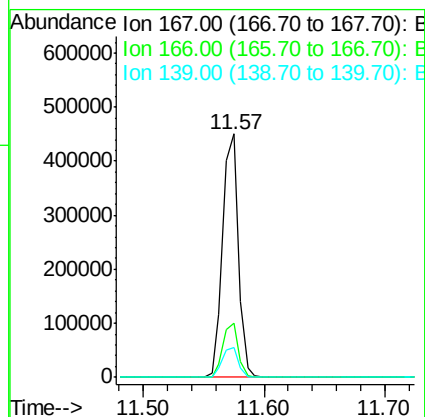
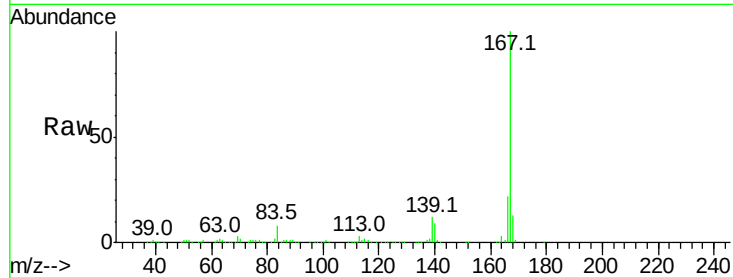
20170718-C-COMP1MS

Tot Ion:	167	Resp:	403700
Ion Ratio		Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.2	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 37.332 ng

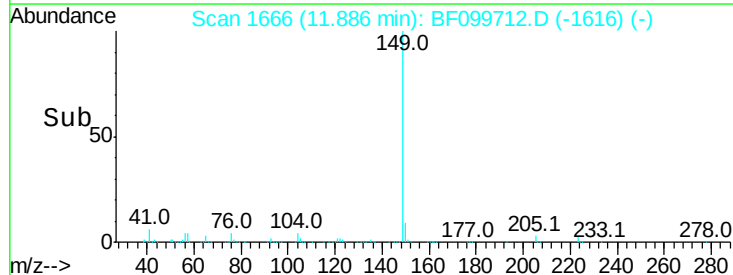
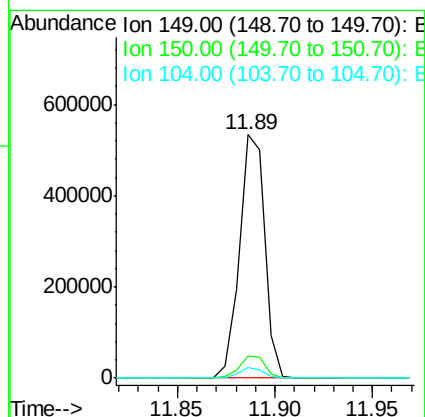
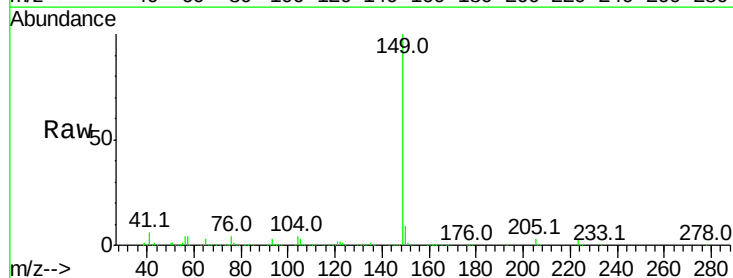
RT: 11.89 min Scan# 1666

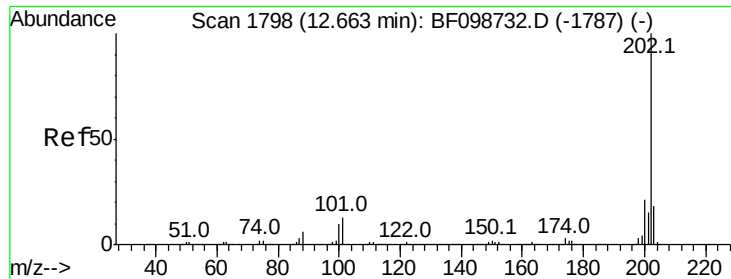
Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Tgt Ion:	149	Resp:	478447
Ion Ratio		Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.3	3.8	5.8





#74
 Fluoranthene
 Concen: 43.885 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

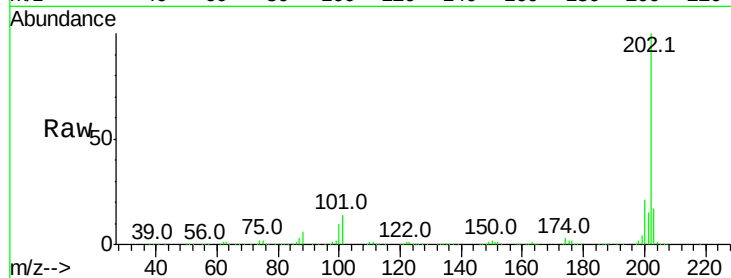
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	472222		
101	13.7	0.0	34.1	
203	17.5	0.0	38.1	

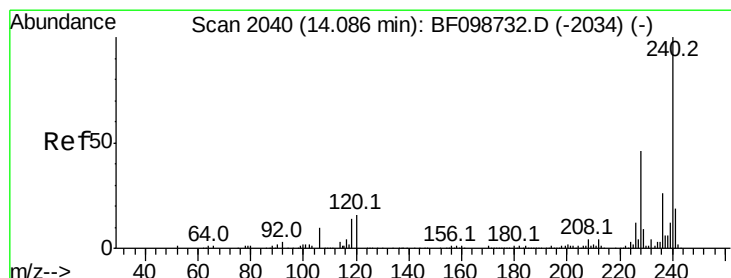
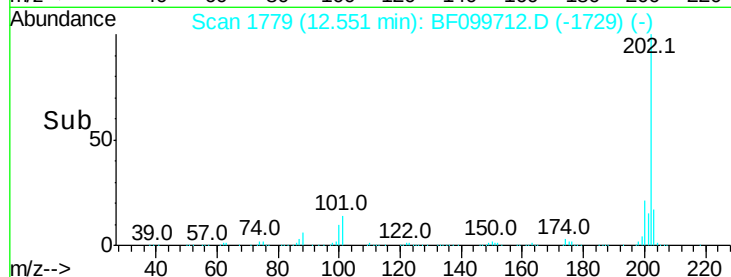
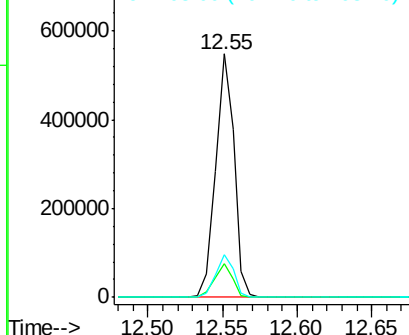
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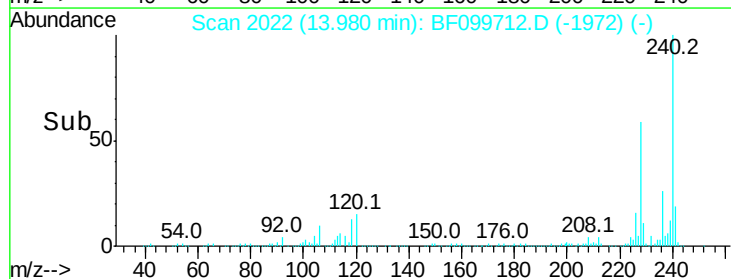
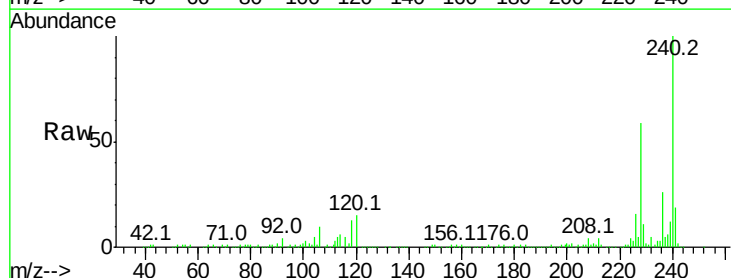
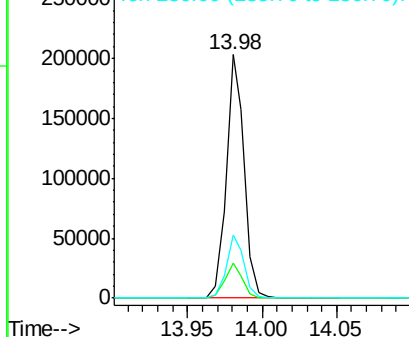
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

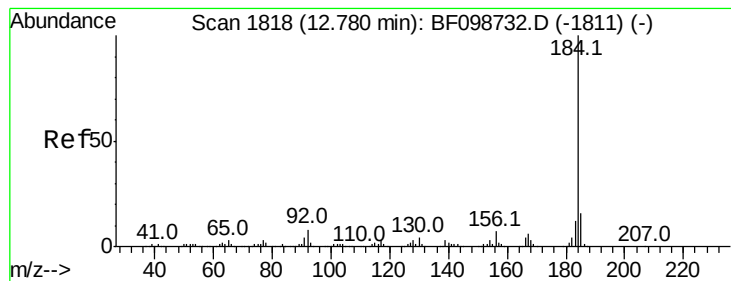


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	171370		
120	14.5	9.5	14.3#	
236	25.7	20.7	31.1	

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





#76

Benzidine

Concen: 39.451 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Instrument :

BNA_F

ClientSampleId :

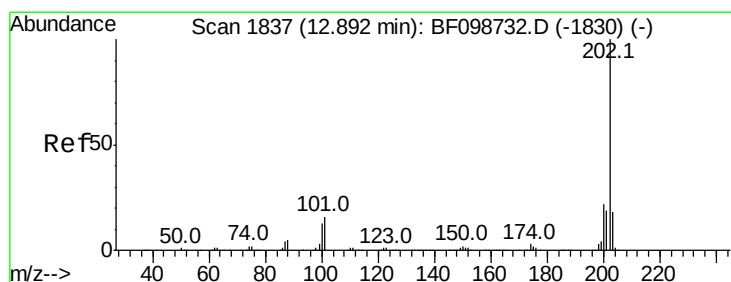
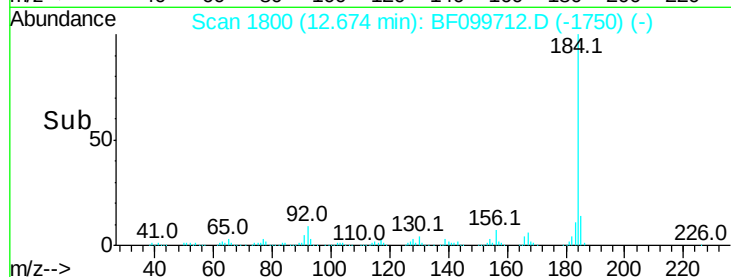
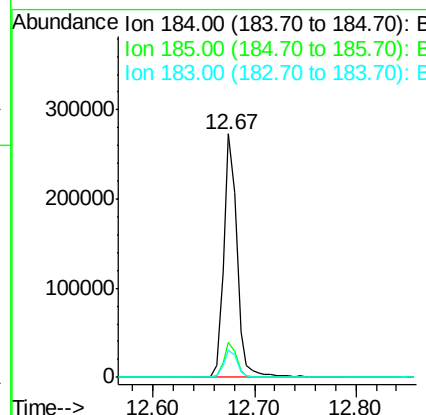
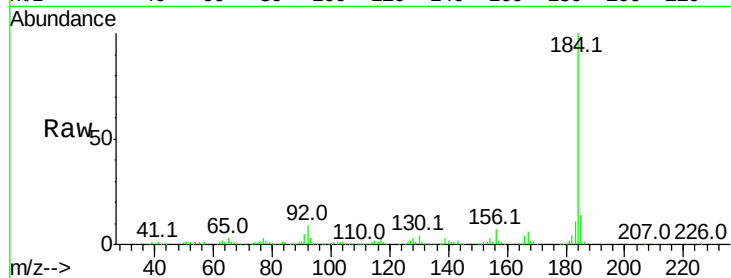
20170718-C-COMP1MS

Tot Ion:	184	Resp:	250055
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.3	9.3	13.9

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#77

Pyrene

Concen: 36.115 ng

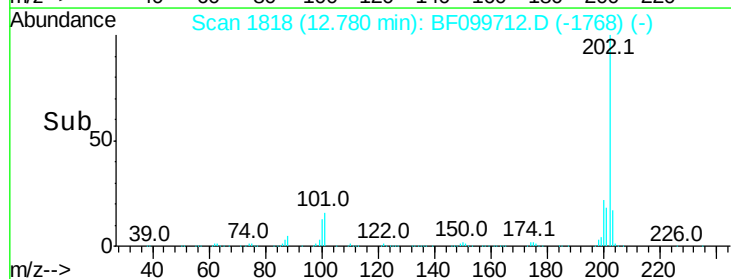
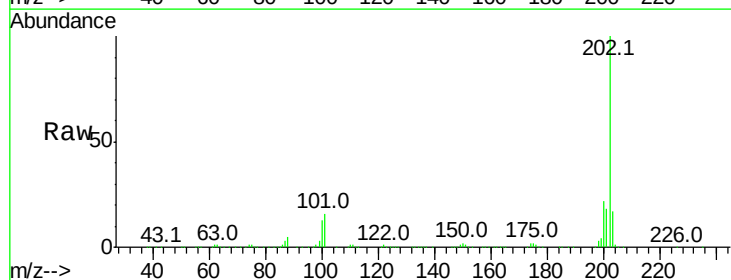
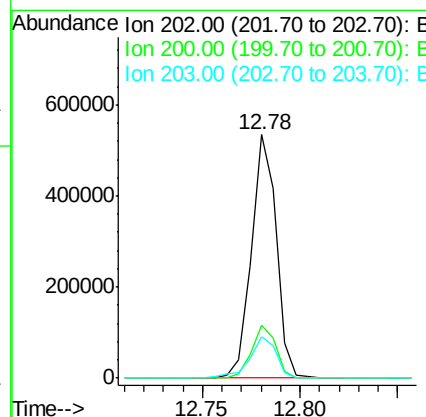
RT: 12.78 min Scan# 1818

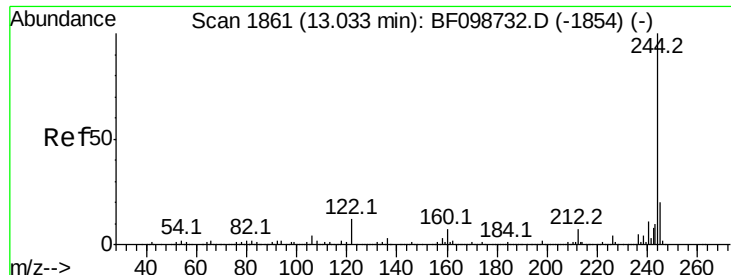
Delta R.T. -0.01 min

Lab File: BF099712.D

Acq: 20 Oct 2017 20:29

Tgt Ion:	202	Resp:	471935
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.1	14.3	21.5





#78
 Terphenyl-d14
 Concen: 61.310 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

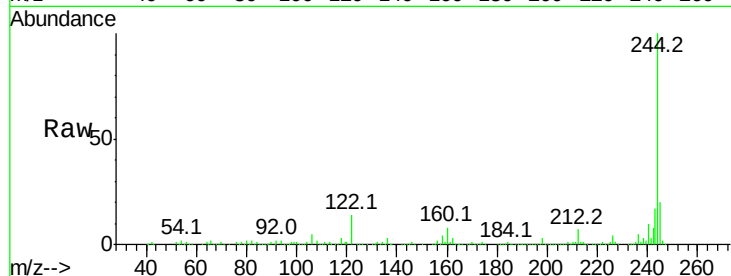
Instrument :
 BNA_F
 ClientSampleId :
 20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.2	11.0	16.4

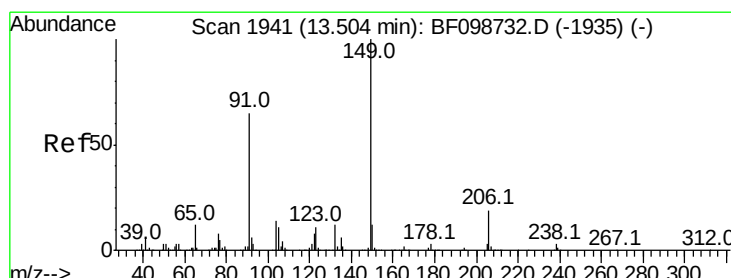
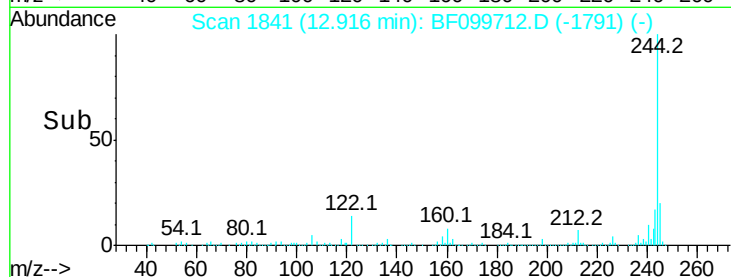
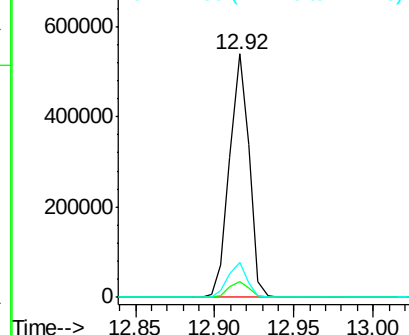
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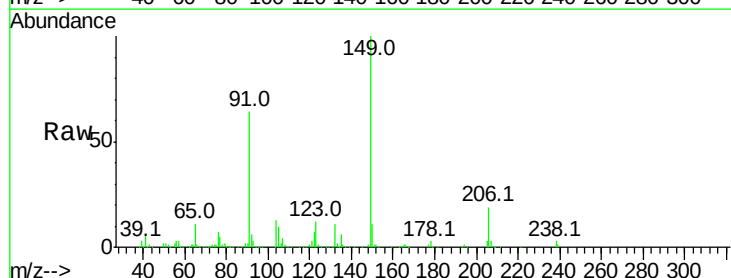


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

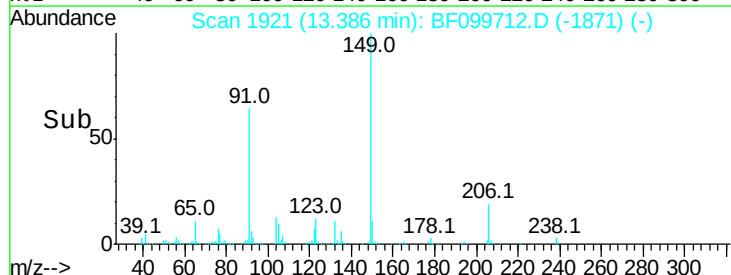
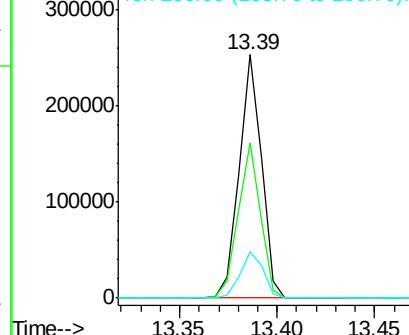


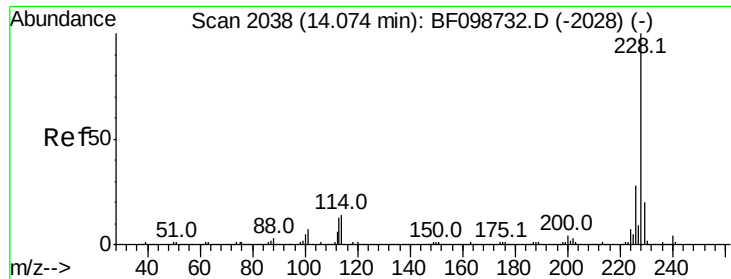
#79
 Butylbenzylphthalate
 Concen: 32.663 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF099712.D
 Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.9	56.8	85.2
206	19.0	14.1	21.1



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





#80
Benzo(a)anthracene
Concen: 39.802 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

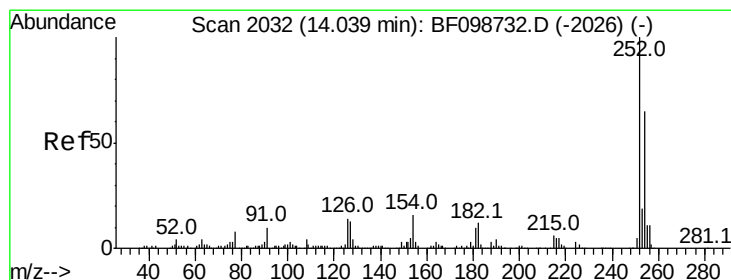
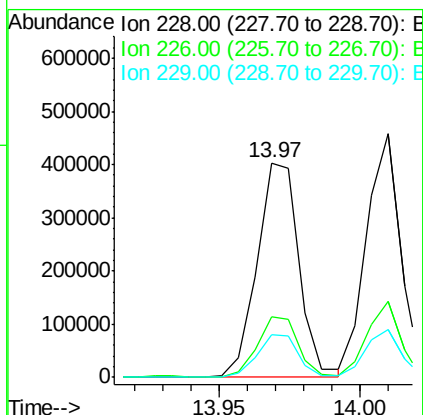
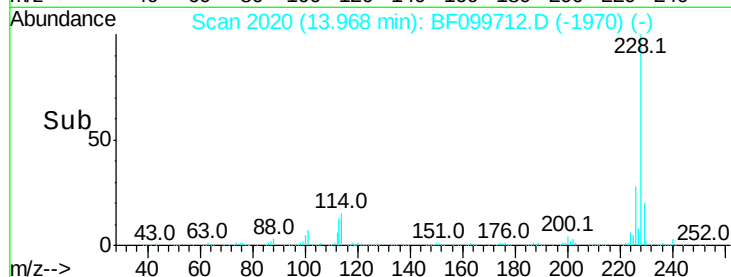
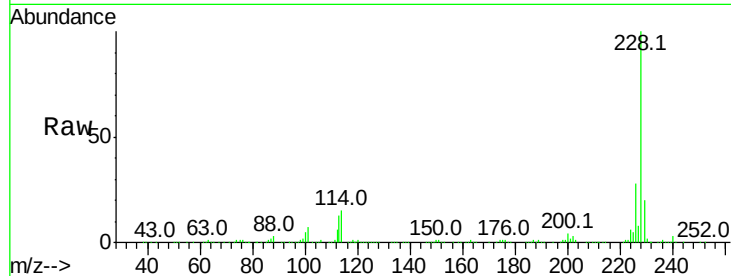
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.0	15.8	23.6

Manual Integrations
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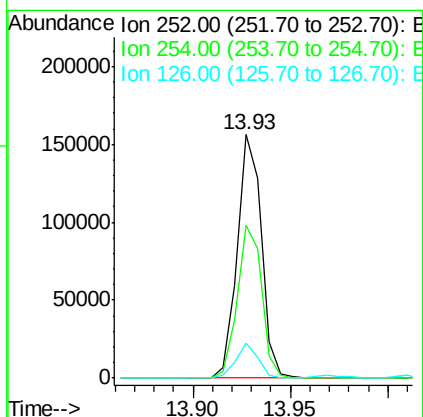
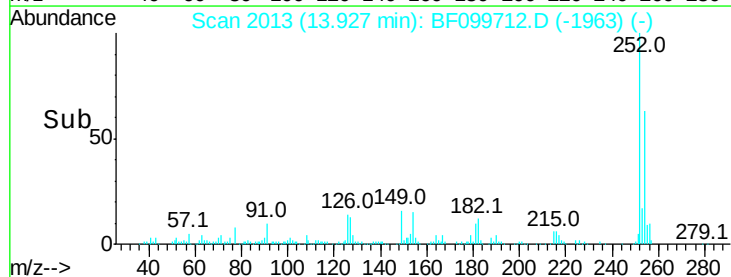
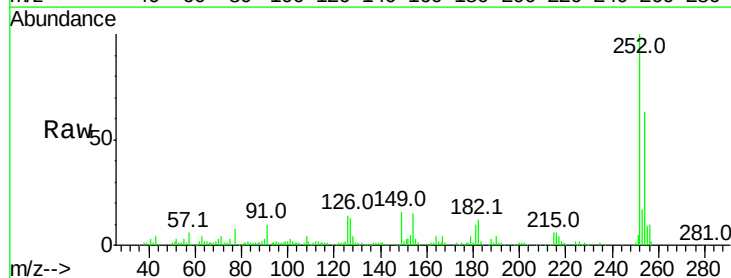
Sohil

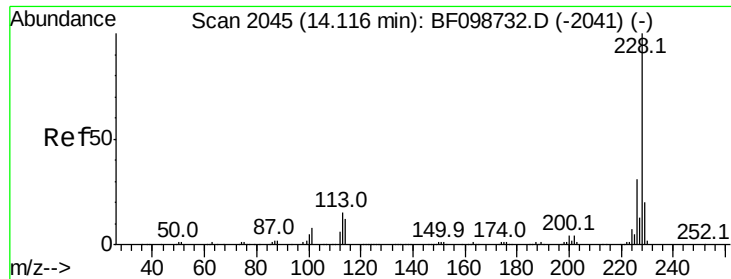
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#81
3,3'-Dichlorobenzidine
Concen: 35.295 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	14.4	11.3	16.9





#82
Chrysene
Concen: 39.006 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

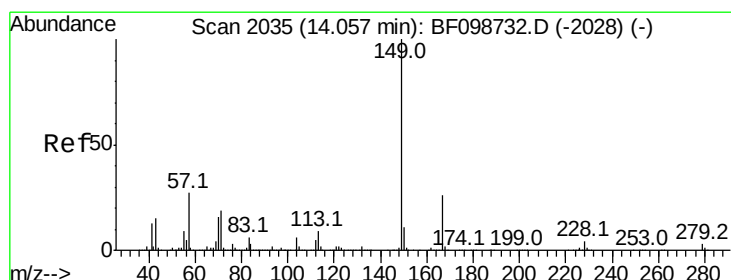
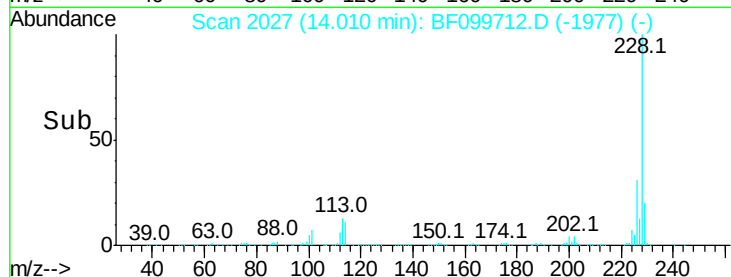
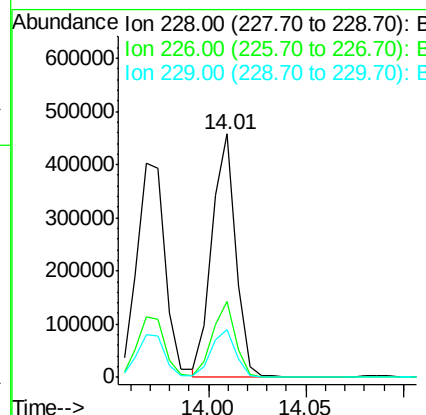
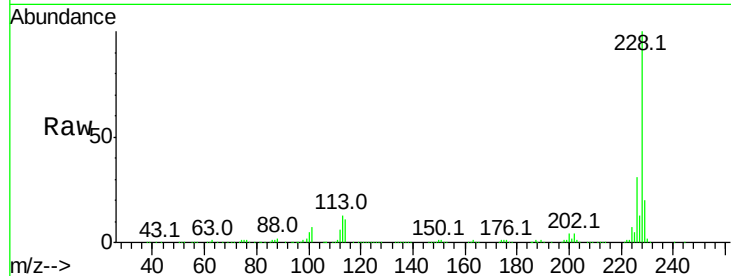
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion:	228	Resp:	385351
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	19.8	16.2	24.4

Manual Integrations
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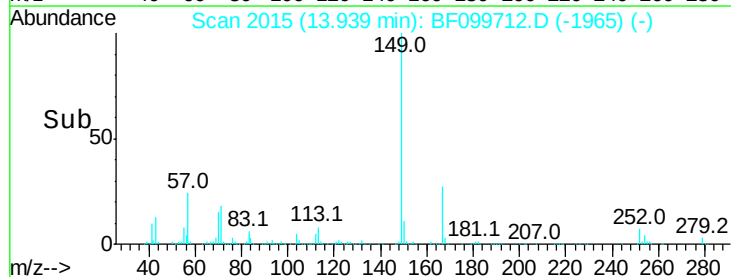
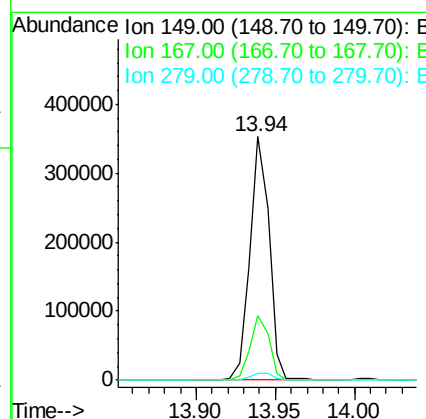
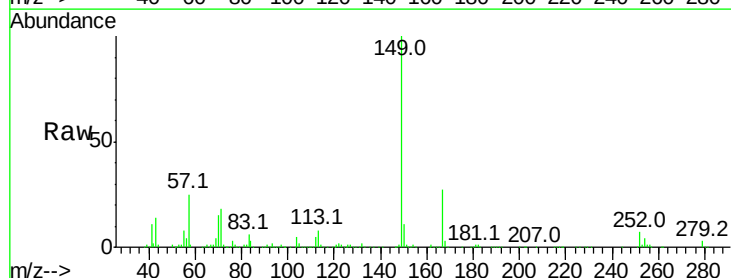
Sohil

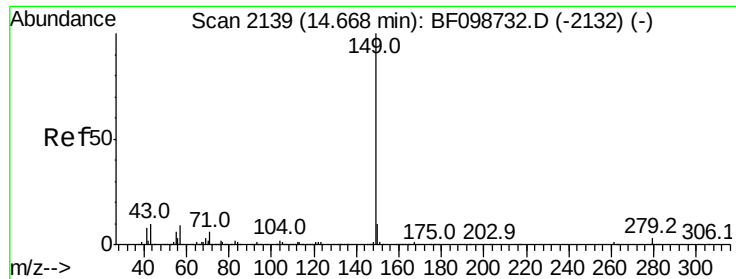
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#83
Bis(2-ethylhexyl)phthalate
Concen: 35.105 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion:	149	Resp:	296864
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.3	31.9
279	2.9	3.0	4.4#





#84
Di-n-octyl phthalate
Concen: 38.257 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

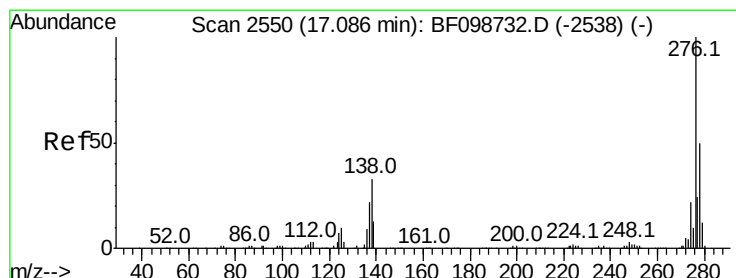
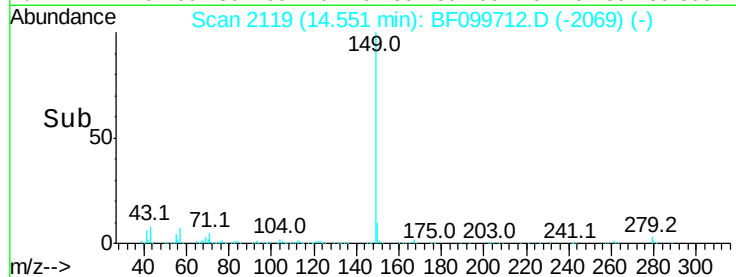
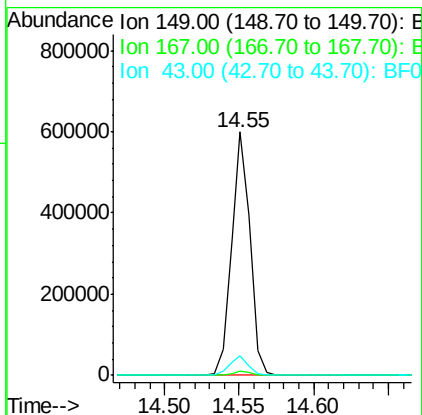
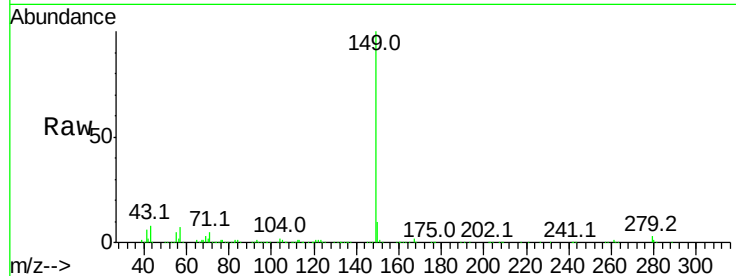
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	520934		
167	1.7	1.2	1.8	
43	7.6	8.4	12.6	

Manual Integrations
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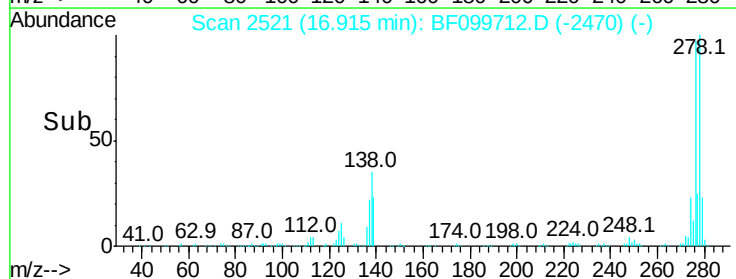
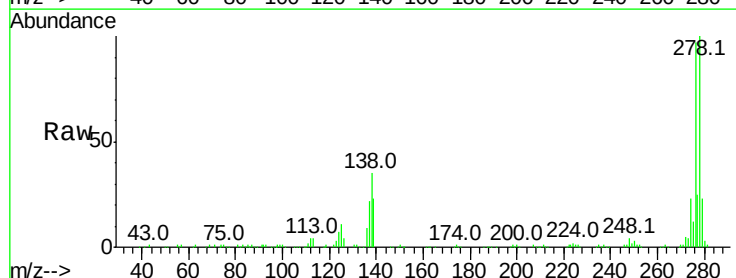
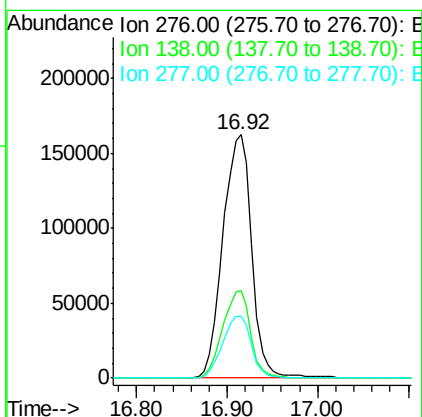
Sohil

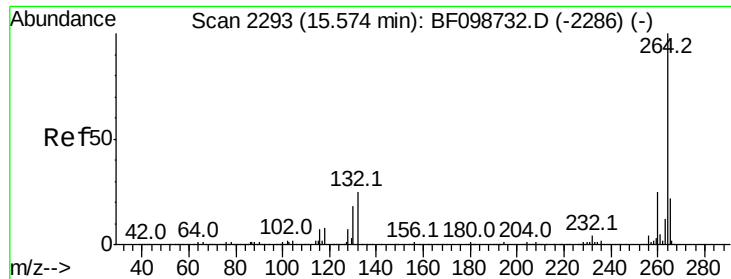
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#85
Indeno(1,2,3-cd)pyrene
Concen: 45.510 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.00 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	359656		
138	34.7	25.0	37.6	
277	25.5	20.1	30.1	





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

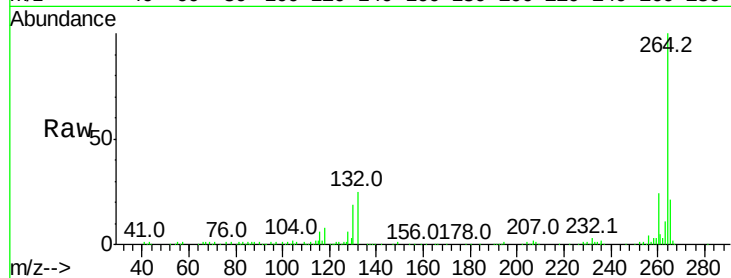
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.7	17.5	26.3

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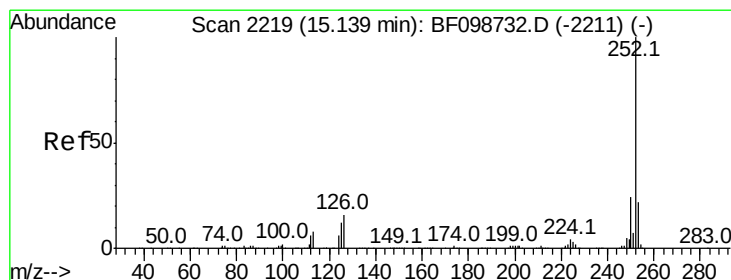
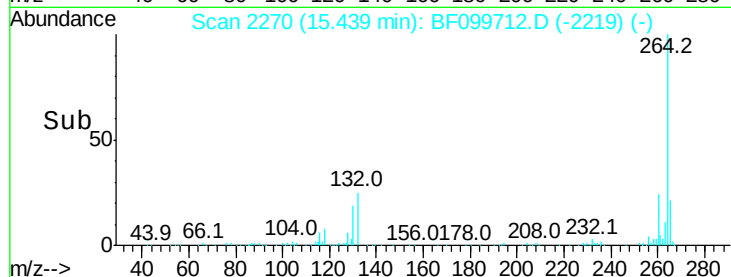
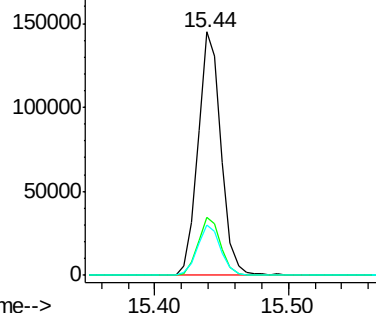


Abundance

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: 40.314 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

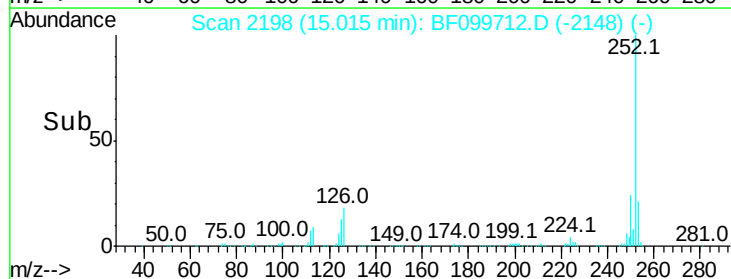
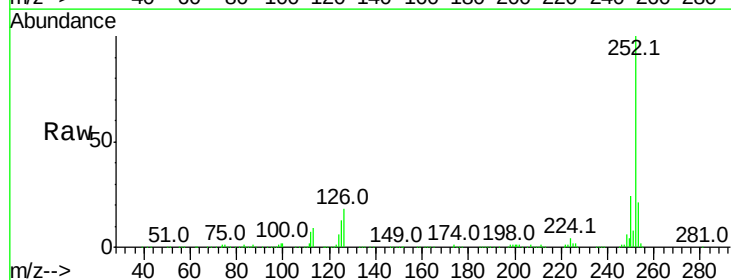
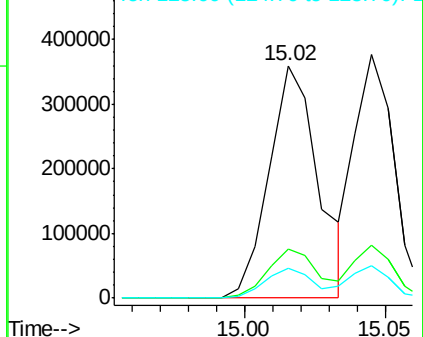
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	13.0	9.0	13.6

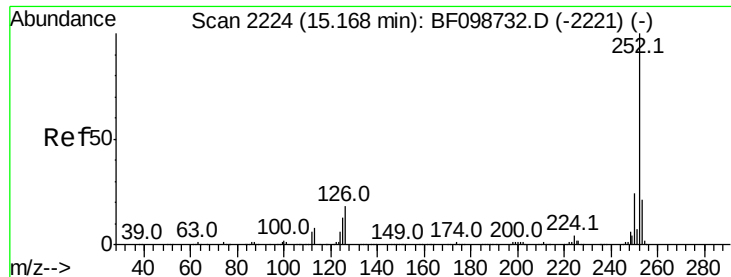
Abundance

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: 33.856 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

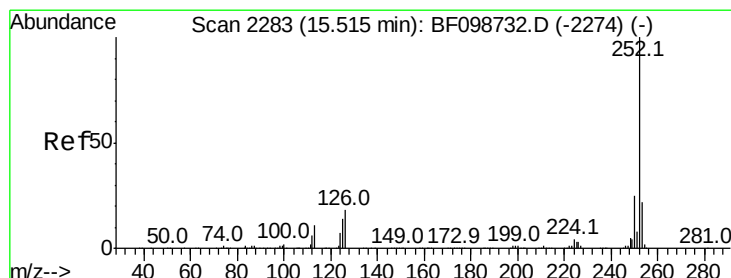
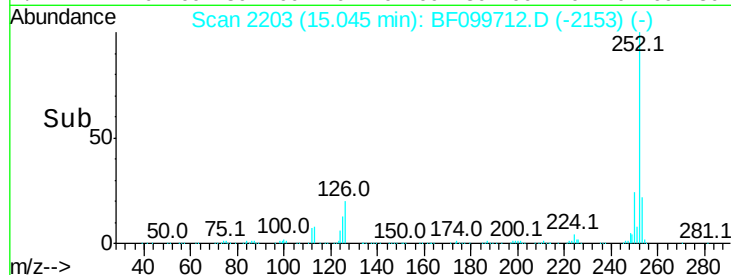
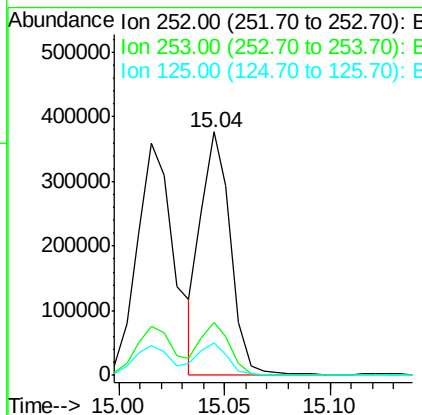
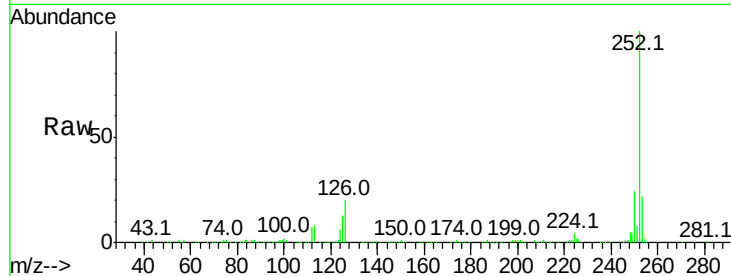
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	13.1	10.2	15.2

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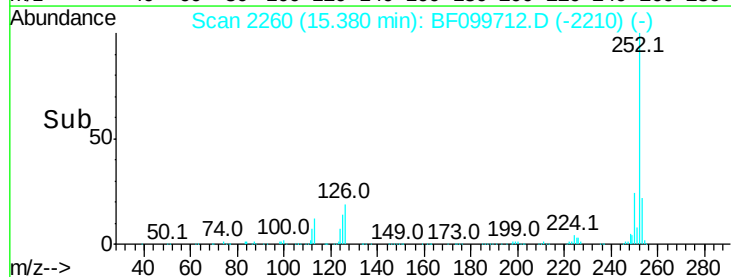
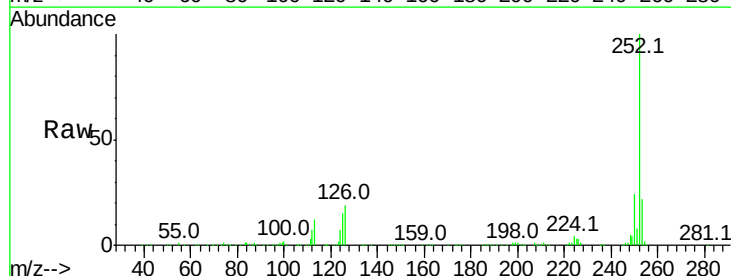
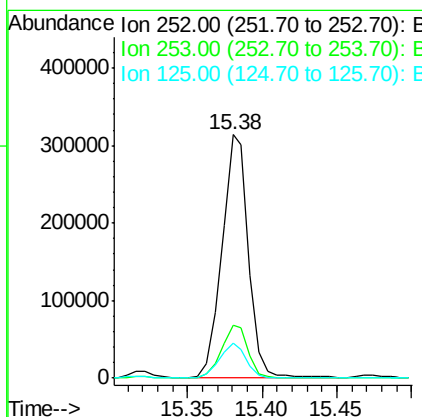
Sohil

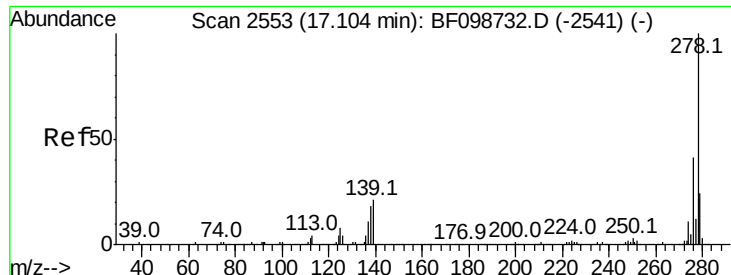
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#89
Benzo(a)pyrene
Concen: 39.052 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	14.5	9.8	14.6





#90
Dibenzo(a,h)anthracene
Concen: 38.567 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

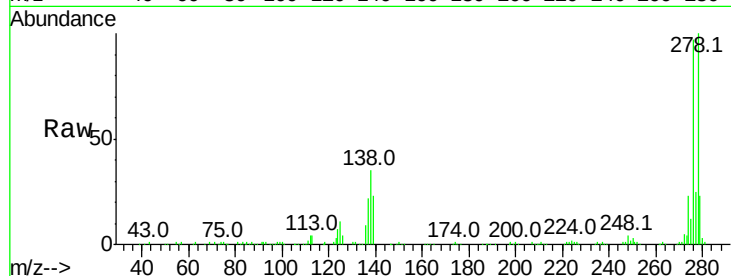
Instrument :
BNA_F
ClientSampleId :
20170718-C-COMP1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.1	15.9	23.9
279	23.2	19.0	28.4

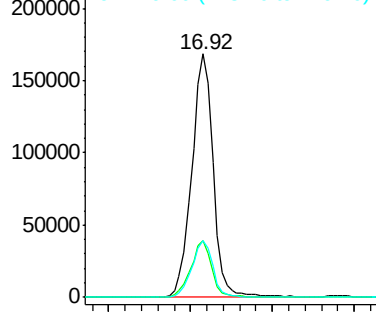
Manual Integrations
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Sohil

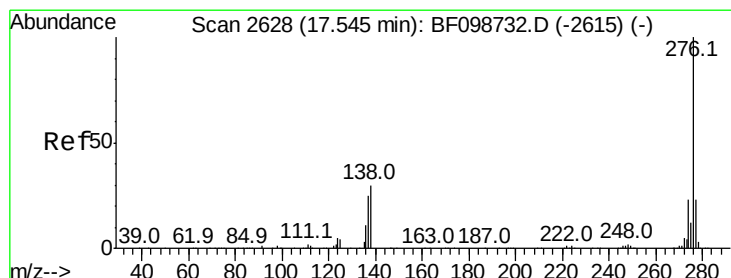
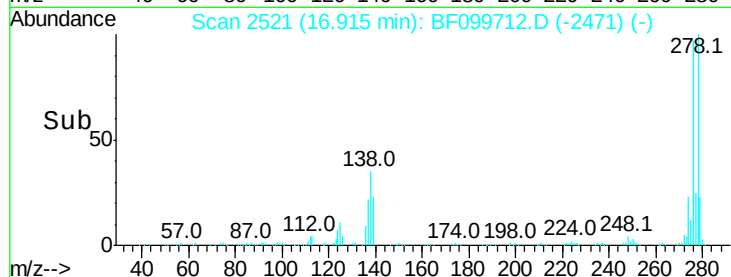
10/23/2017 3:26:30 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



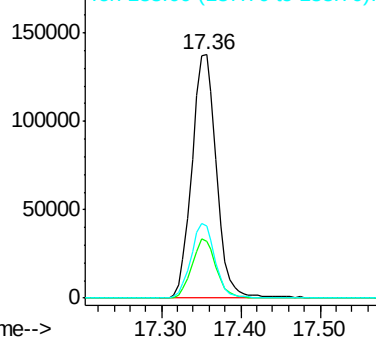
Time-->



#91
Benzo(g,h,i)perylene
Concen: 37.581 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.00 min
Lab File: BF099712.D
Acq: 20 Oct 2017 20:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	29.6	21.8	32.8

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



Time-->

