

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096875.D
 Acq On : 19 Jul 2017 17:39
 Operator : SJ/JU
 Sample : I4272-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Manual Integrations
 APPROVED

Sohil
 7/20/2017 3:04:25 PM

Quant Time: Jul 19 19:04:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	99131	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	430315	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	190860	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	327159	20.00	ng	0.00
75) Chrysene-d12	13.73	240	198773	20.00	ng	0.00
86) Perylene-d12	15.09	264	175130	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	809659	122.81	ng	0.00
7) Phenol-d6	6.25	99	977246	123.52	ng	0.00
23) Nitrobenzene-d5	7.16	82	584823	84.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	207828	127.57	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	1013659	83.91	ng	-0.01
78) Terphenyl-d14	12.68	244	771632	67.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	123341	36.358	ng	# 75
3) Pyridine	2.89	79	311911	43.749	ng	# 63
4) n-Nitrosodimethylamine	2.84	42	183963	46.140	ng	# 80
6) Aniline	6.25	93	332702	34.139	ng	# 42
8) 2-Chlorophenol	6.38	128	304797	42.853	ng	# 99
9) Benzaldehyde	6.13	77	119841	26.207	ng	# 98
10) Phenol	6.26	94	406952	45.500	ng	# 97
11) bis(2-Chloroethyl)ether	6.33	93	281102	41.795	ng	# 92
12) 1,3-Dichlorobenzene	6.53	146	314190	41.557	ng	# 98
13) 1,4-Dichlorobenzene	6.60	146	320852	41.906	ng	# 96
14) 1,2-Dichlorobenzene	6.76	146	293029	42.078	ng	# 98
15) Benzyl Alcohol	6.74	79	236687	45.694	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	575136	41.435	ng	# 98
17) 2-Methylphenol	6.86	107	243863	44.091	ng	# 95
18) Hexachloroethane	7.10	117	114718	42.254	ng	# 82
19) n-Nitroso-di-n-propylamine	7.02	70	199423	41.838	ng	# 85
20) 3+4-Methylphenols	7.02	107	304361	45.348	ng	# 69
22) Acetophenone	7.00	105	410341	42.665	ng	# 99
24) Nitrobenzene	7.17	77	302447	42.094	ng	# 93
25) Isophorone	7.42	82	543685	42.069	ng	# 94
26) 2-Nitrophenol	7.49	139	174823	43.759	ng	# 90
27) 2,4-Dimethylphenol	7.55	122	279241	42.486	ng	# 94
28) bis(2-Chloroethoxy)methane	7.63	93	364509	41.739	ng	# 98
29) 2,4-Dichlorophenol	7.74	162	258932	43.522	ng	# 97
30) 1,2,4-Trichlorobenzene	7.82	180	234984	41.541	ng	# 97
31) Naphthalene	7.89	128	871707	42.762	ng	# 100
32) Benzoic acid	7.64	122	31333	7.459	ng	# 89
33) 4-Chloroaniline	7.95	127	270519	33.495	ng	# 97
34) Hexachlorobutadiene	8.02	225	121619	40.275	ng	# 97
35) Caprolactam	8.32	113	85400m	44.799	ng	# 99
36) 4-Chloro-3-methylphenol	8.45	107	270235	42.243	ng	# 89
37) 2-Methylnaphthalene	8.59	142	591704	45.529	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	207224	40.165	ng	# 99
40) Hexachlorocyclopentadiene	8.75	237	159644	82.129	ng	# 99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	159246	41.844	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	163623	42.630	nq	93
45) 1,1'-Biphenyl	9.05	154	652744	39.877	nq	98
46) 2-Chloronaphthalene	9.07	162	509808	42.296	nq	# 91
47) 2-Nitroaniline	9.17	65	190440	45.965	nq	97
48) Acenaphthylene	9.49	152	809581	42.155	nq	98
49) Dimethylphthalate	9.36	163	742684	51.679	nq	98
50) 2,6-Dinitrotoluene	9.42	165	135996	43.689	nq	# 85
51) Acenaphthene	9.66	154	466345	41.105	nq	97
52) 3-Nitroaniline	9.58	138	131837	35.752	nq	90
53) 2,4-Dinitrophenol	9.69	184	50216	36.576	nq	# 75
54) Dibenzofuran	9.83	168	690011	43.402	nq	99
55) 4-Nitrophenol	9.76	139	211697	78.580	nq	# 66
56) 2,4-Dinitrotoluene	9.82	165	168158	42.040	nq	# 69
57) Fluorene	10.17	166	512119	43.591	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	128748	48.367	nq	96
59) Diethylphthalate	10.06	149	579048	41.389	nq	99
60) 4-Chlorophenyl-phenylether	10.16	204	211322	42.886	nq	98
61) 4-Nitroaniline	10.19	138	160900	46.465	nq	91
62) Azobenzene	10.32	77	551507	44.685	nq	93
64) 4,6-Dinitro-2-methylphenol	10.23	198	75095	36.559	nq	# 76
65) n-Nitrosodiphenylamine	10.29	169	486952	41.639	nq	98
66) 4-Bromophenyl-phenylether	10.65	248	140154	41.960	nq	94
67) Hexachlorobenzene	10.72	284	149331	40.141	nq	# 87
68) Atrazine	10.82	200	137241	41.191	nq	93
69) Pentachlorophenol	10.92	266	131610	73.231	nq	99
70) Phenanthrene	11.12	178	757231	42.568	nq	99
71) Anthracene	11.17	178	767550	42.675	nq	99
72) Carbazole	11.33	167	747494	42.917	nq	99
73) Di-n-butylphthalate	11.67	149	881027	40.617	nq	# 98
74) Fluoranthene	12.30	202	748075	43.935	nq	98
76) Benzidine	12.43	184	366601	56.297	nq	# 92
77) Pyrene	12.53	202	756229	41.920	nq	98
79) Butylbenzylphthalate	13.16	149	359445	41.936	nq	# 81
80) Benzo(a)anthracene	13.72	228	528690	42.688	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	128566	28.867	nq	# 96
82) Chrysene	13.75	228	509288	41.770	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	444360	42.571	nq	# 99
84) Di-n-octyl phthalate	14.33	149	723993	41.960	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.38	276	453742	39.939	nq	99
87) Benzo(b)fluoranthene	14.72	252	423299	40.076	nq	97
88) Benzo(k)fluoranthene	14.74	252	422387m	42.231	nq	
89) Benzo(a)pyrene	15.04	252	412691	42.600	nq	99
90) Dibenzo(a,h)anthracene	16.39	278	366859	41.155	nq	99
91) Benzo(g,h,i)perylene	16.76	276	392264	41.094	nq	97

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

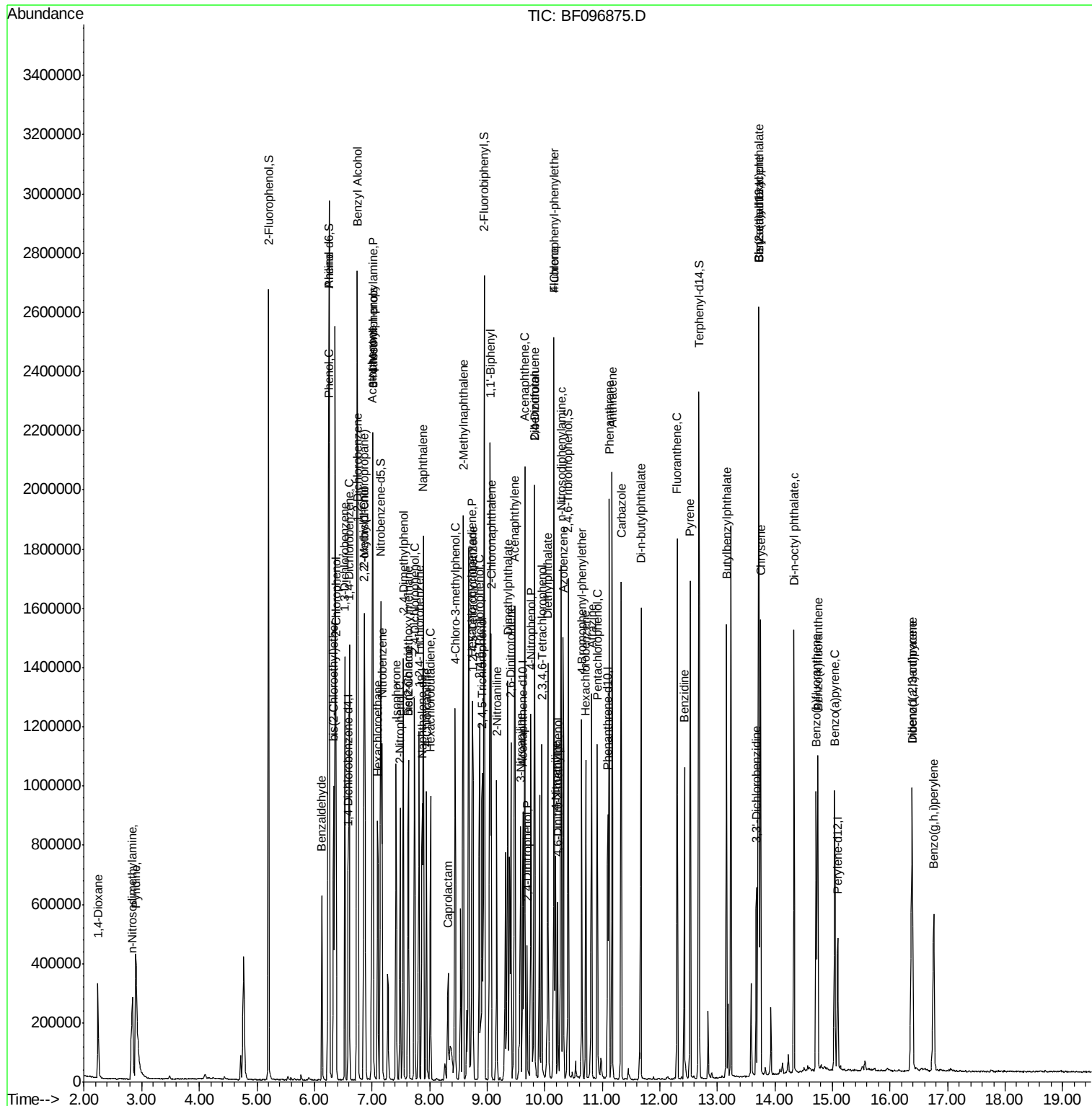
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\  
Data File : BF096875.D  
Acq On    : 19 Jul 2017  17:39  
Operator  : SJ/JU  
Sample    : I4272-01MSD  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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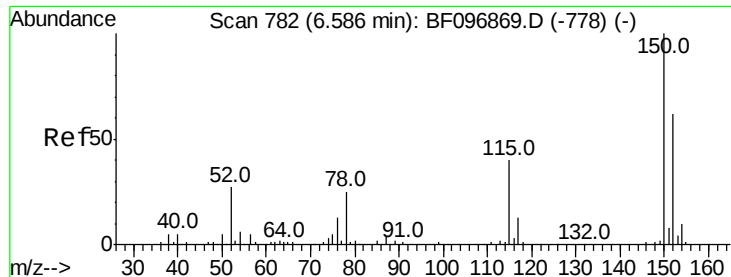
Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

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#1

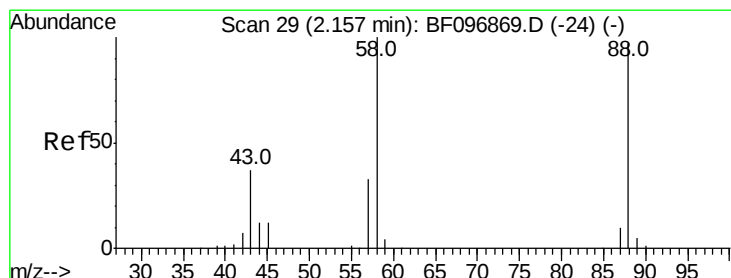
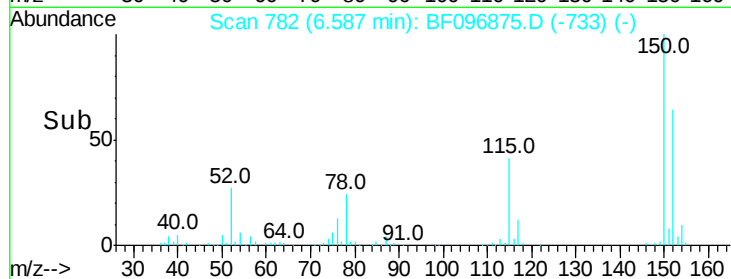
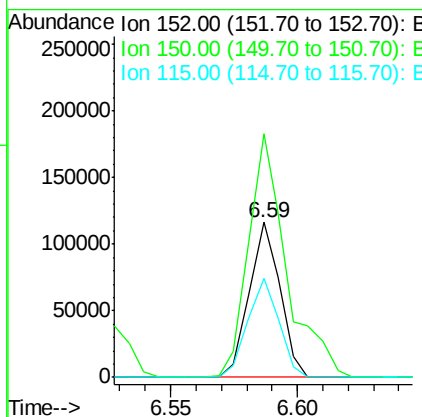
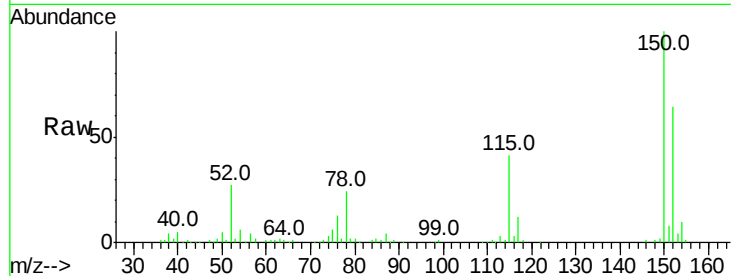
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	63.9	52.2	78.2

Manual Integrations
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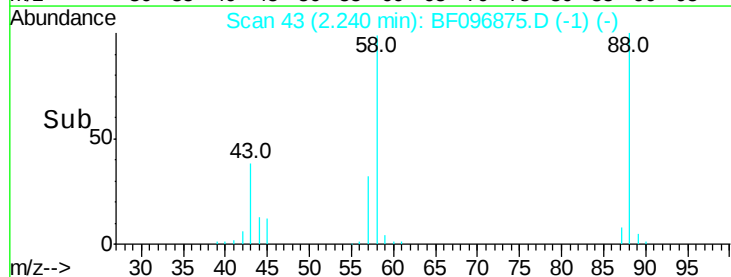
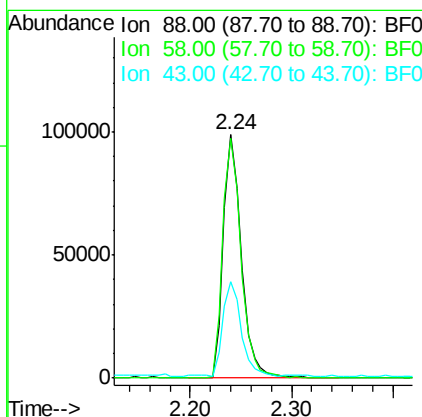
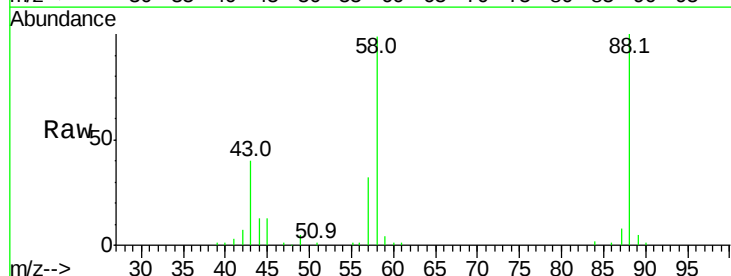
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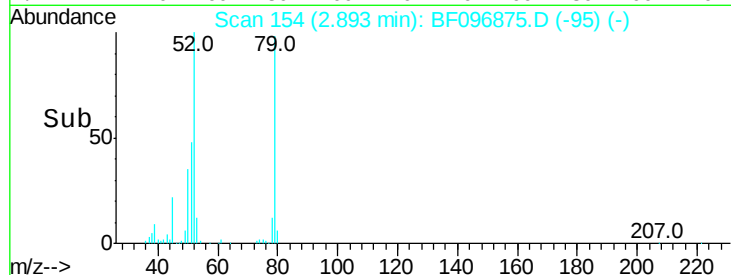
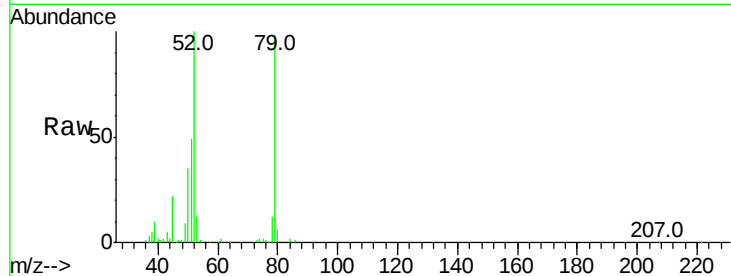
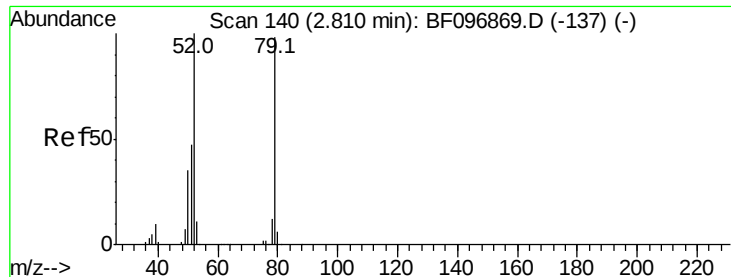


#2

1,4-Dioxane
Concen: 36.358 ng
RT: 2.24 min Scan# 43
Delta R.T. 0.05 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	61.4	92.0#
43	39.8	23.4	35.0#





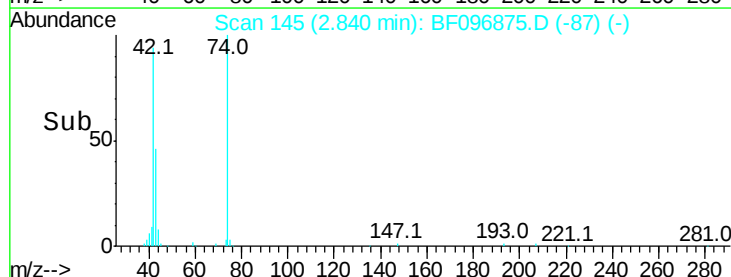
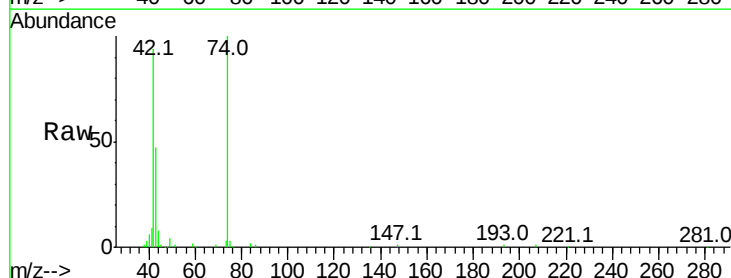
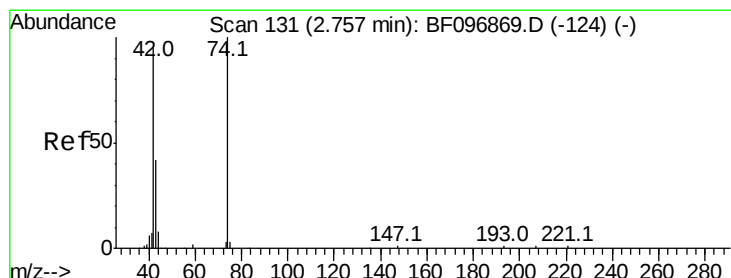
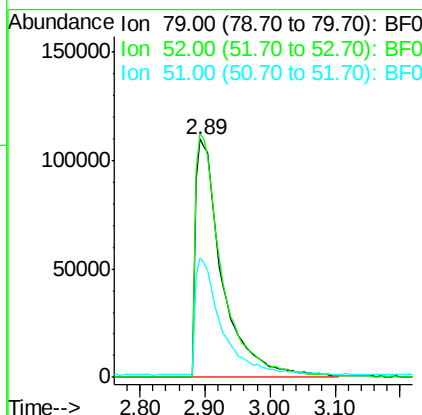
#3
Pvridine
Concen: 43.749 ng
RT: 2.89 min Scan# 154
Delta R.T. 0.05 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	102.3	54.8	82.2#
51	50.1	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

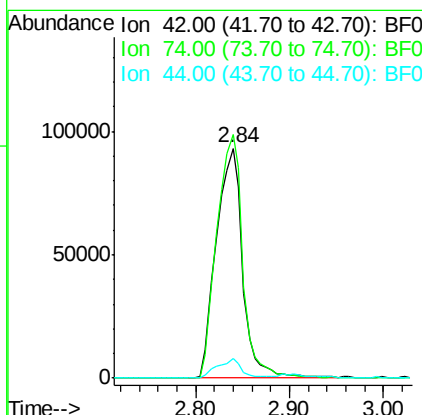
Manual Integrations
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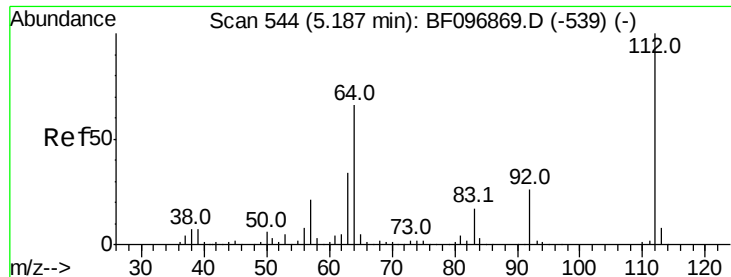
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#4
n-Nitrosodimethylamine
Concen: 46.140 ng
RT: 2.84 min Scan# 145
Delta R.T. 0.04 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.9	103.9	155.9
44	8.4	5.7	8.5





#5

2-Fluorophenol

Concen: 122.806 ng

RT: 5.20 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

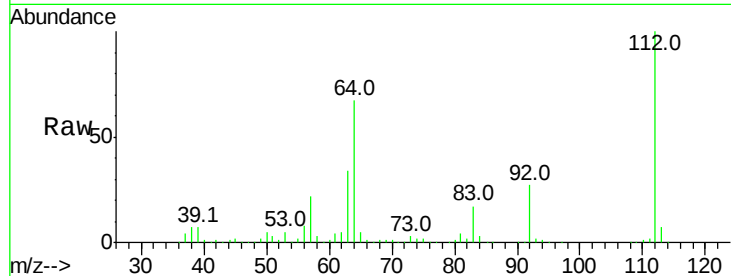
ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:	112	Resp:	809659
Ion Ratio	Lower	Upper	
112	100		
64	66.9	46.0	69.0
63	34.2	23.4	35.0

Manual Integrations
APPROVED

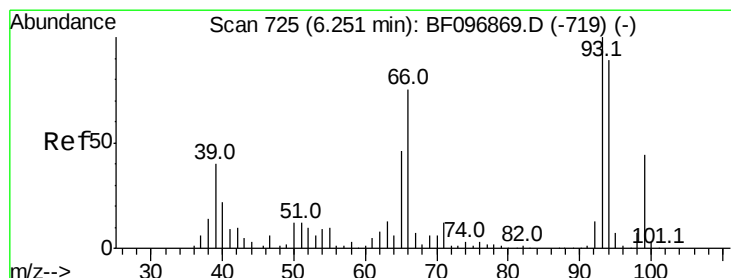
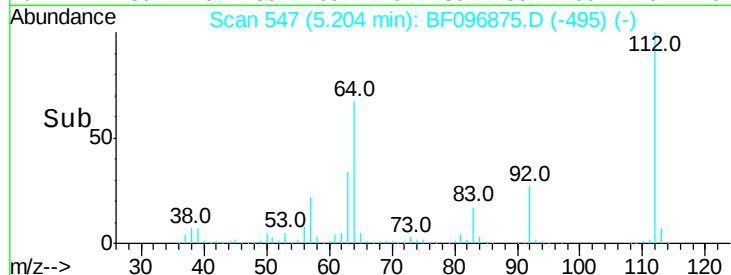
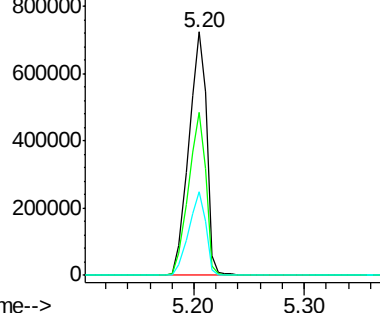
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.139 ng

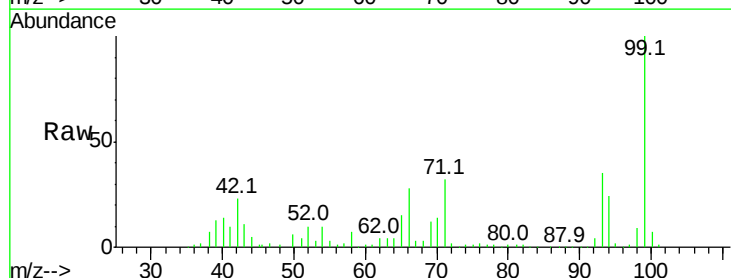
RT: 6.25 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

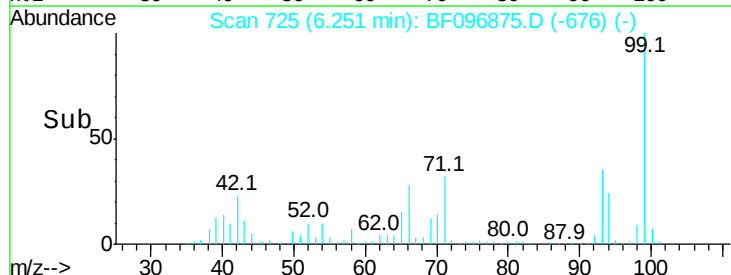
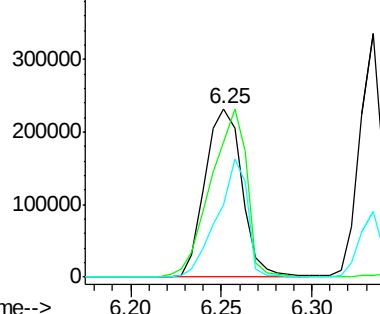
Tgt Ion:	93	Resp:	332702
Ion Ratio	Lower	Upper	
93	100		
66	79.8	32.9	49.3#
65	43.1	16.0	24.0#

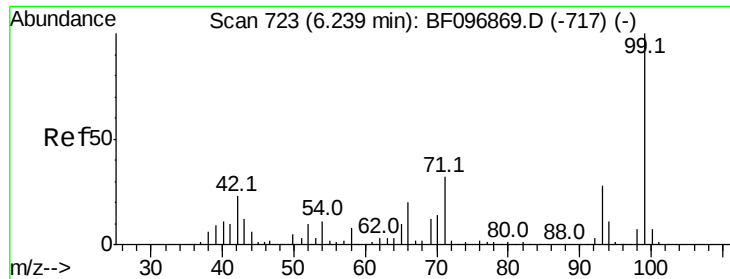


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.518 ng

RT: 6.25 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2MSD

Tot Ion: 99 Resp: 977246

Ion Ratio Lower Upper

99 100

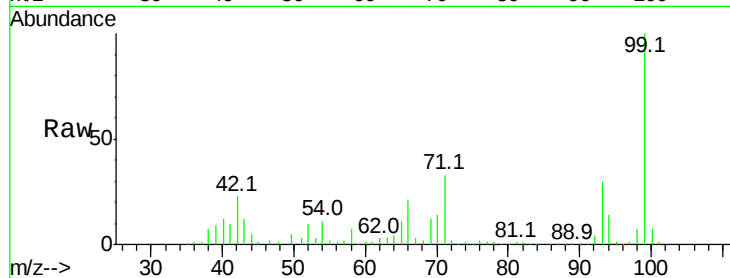
42 22.8 13.5 20.3#

71 33.0 24.5 36.7

Manual Integrations
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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

800000

600000

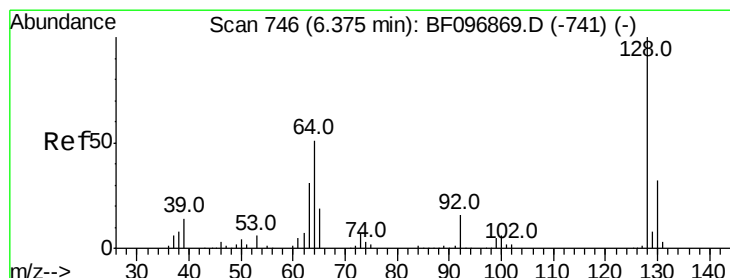
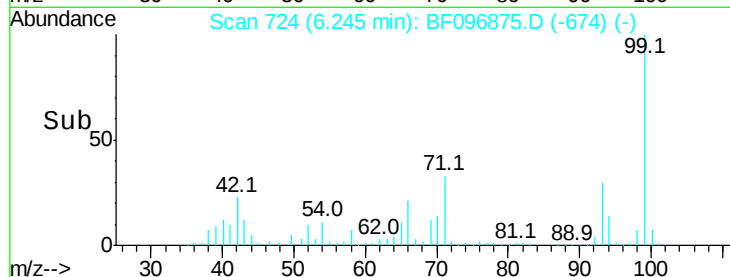
400000

200000

0

6.25

Time-->



#8

2-Chlorophenol

Concen: 42.853 ng

RT: 6.38 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

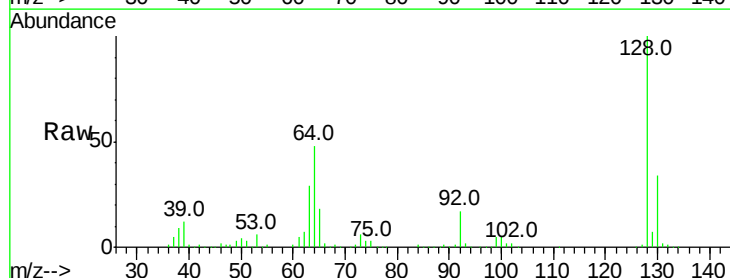
Tgt Ion:128 Resp: 304797

Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 48.0 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

400000

300000

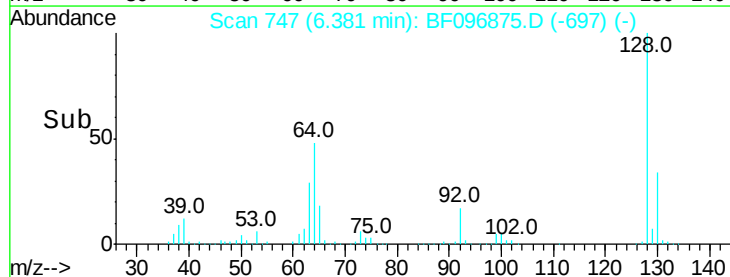
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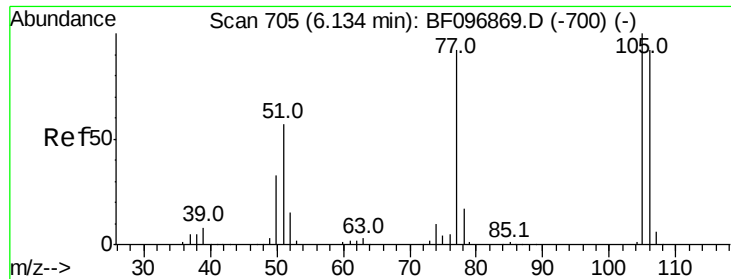
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0

6.38

Time-->





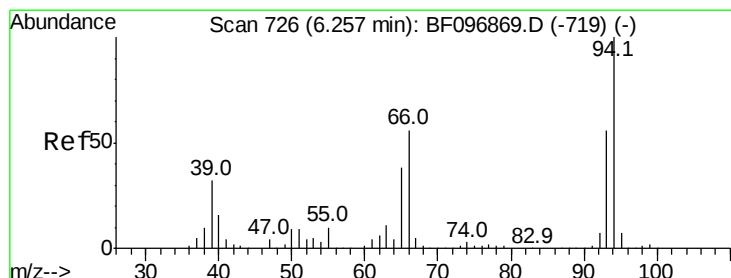
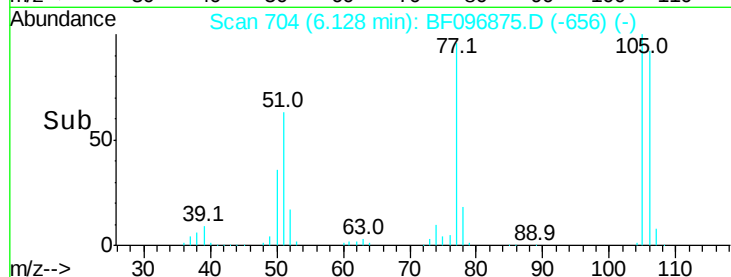
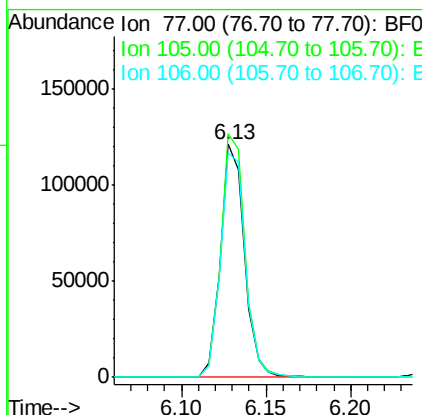
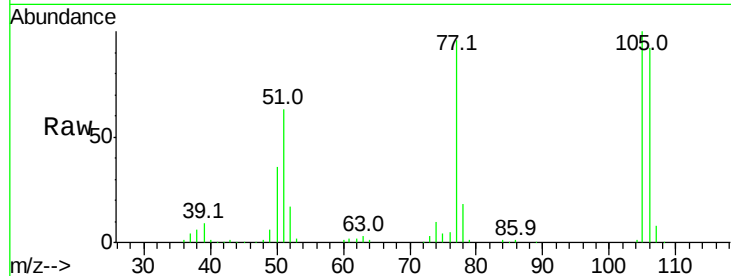
#9
Benzaldehyde
Concen: 26.207 ng
RT: 6.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
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ClientSampleId :
HDD-P1LWC2MSD

Tot Ion: 77 Resp: 119841
Ion Ratio Lower Upper
77 100
105 104.4 83.8 123.8
106 96.4 79.1 119.1

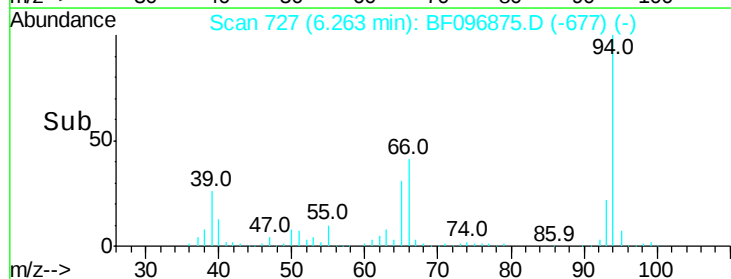
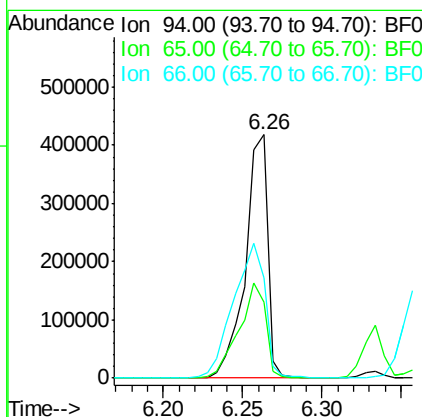
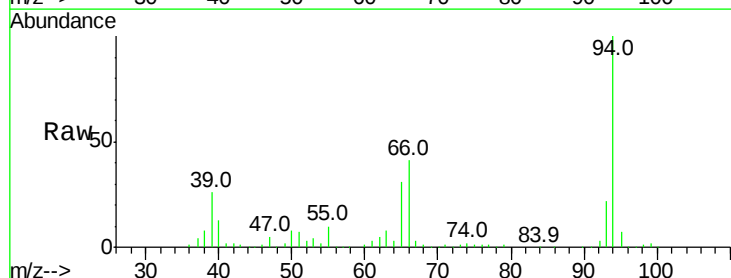
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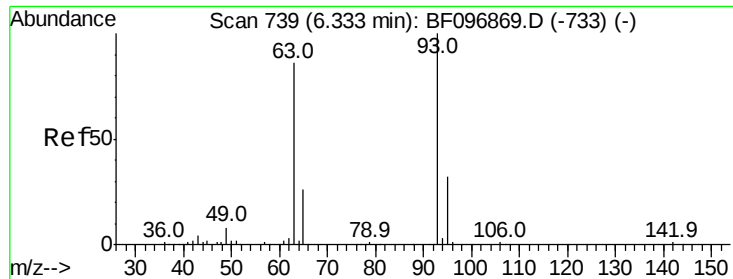
Sohil
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#10
Phenol
Concen: 45.500 ng
RT: 6.26 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion: 94 Resp: 406952
Ion Ratio Lower Upper
94 100
65 31.3 9.9 49.9
66 41.3 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.795 ng

RT: 6.33 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

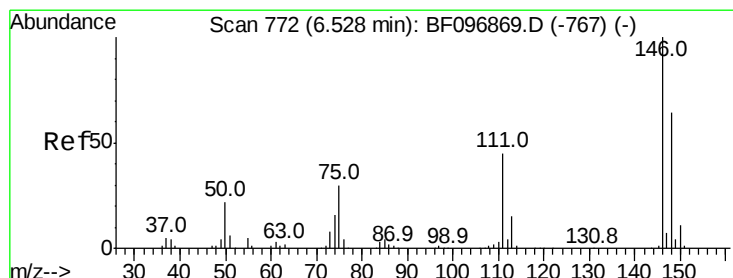
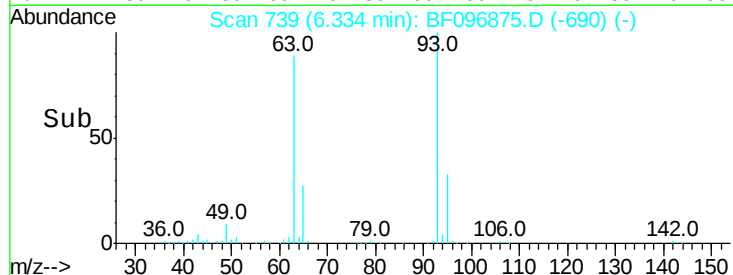
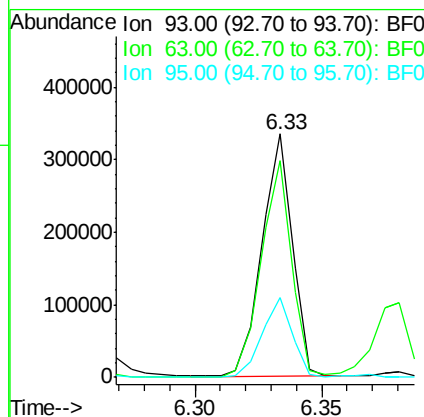
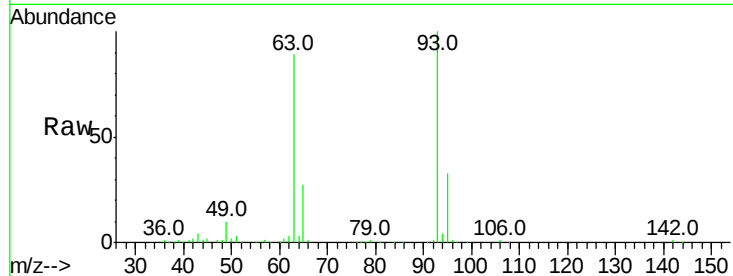
ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:	93	Resp:	281102
Ion Ratio	Lower	Upper	
93	100		
63	89.3	59.2	99.2
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.557 ng

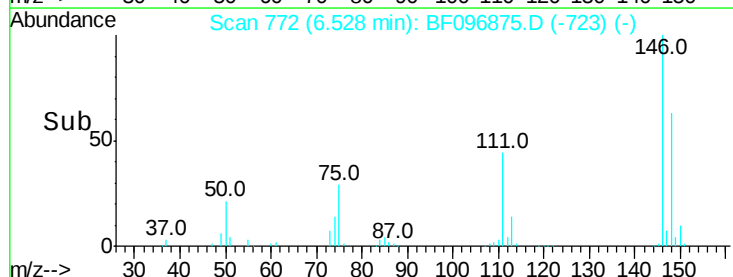
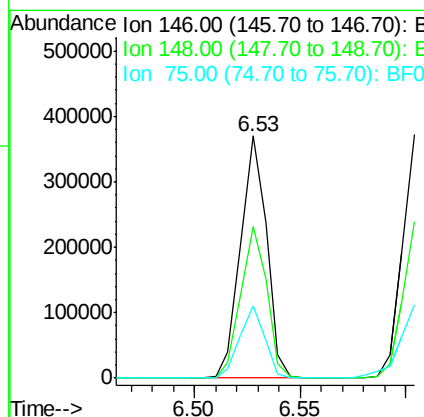
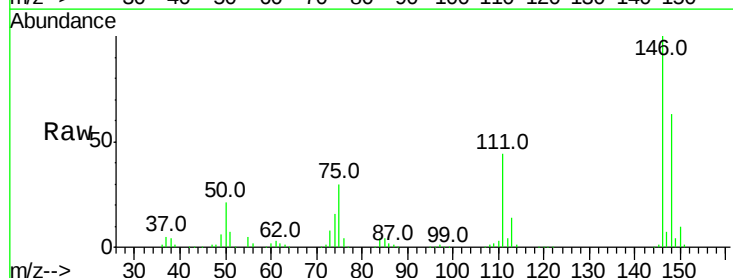
RT: 6.53 min Scan# 772

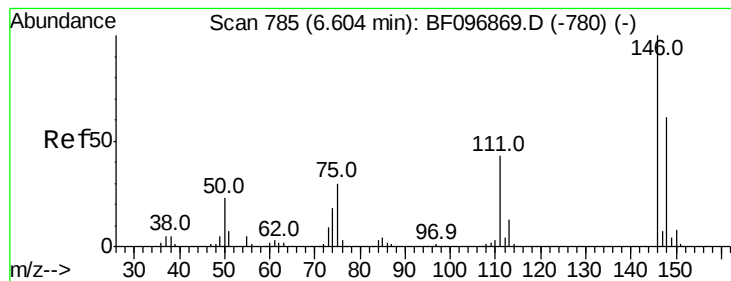
Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:	146	Resp:	314190
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.6
75	29.7	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 41.906 ng

RT: 6.60 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

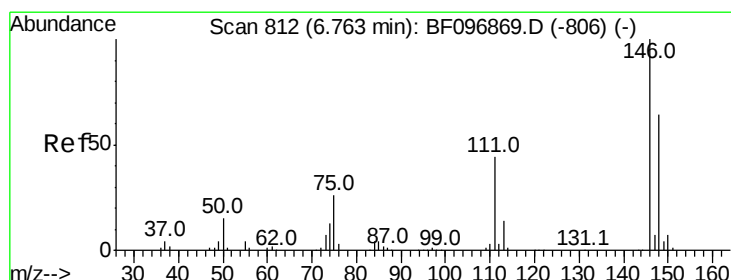
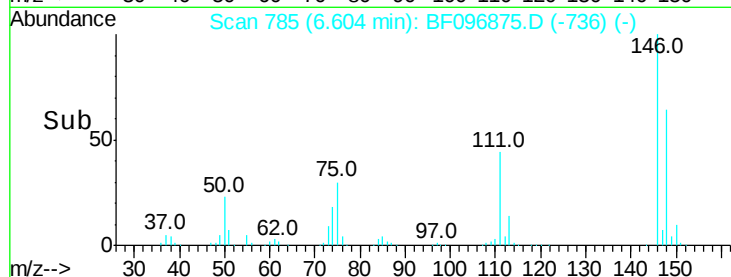
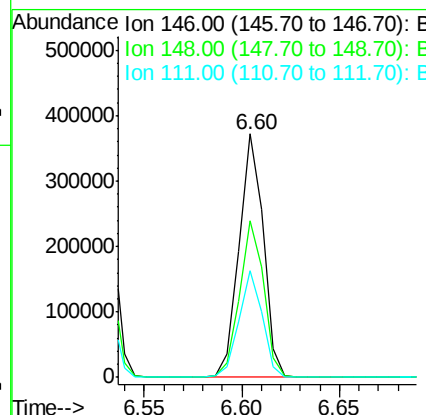
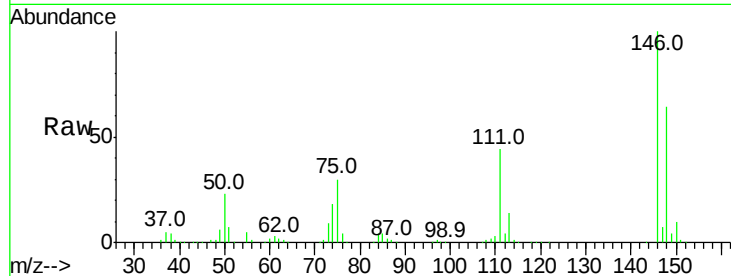
ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:	146	Resp:	320852
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.2	78.2
111	43.7	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 42.078 ng

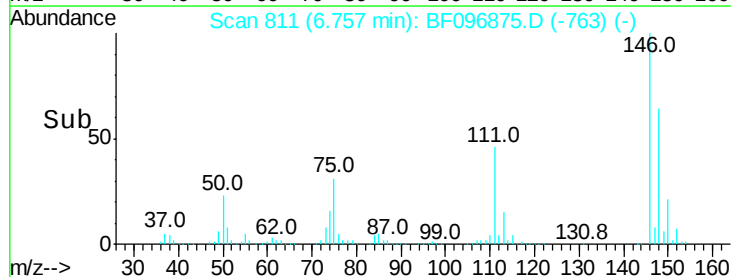
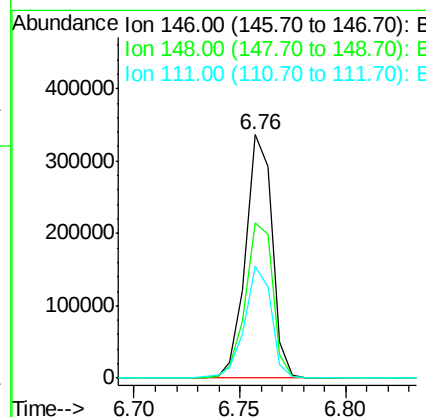
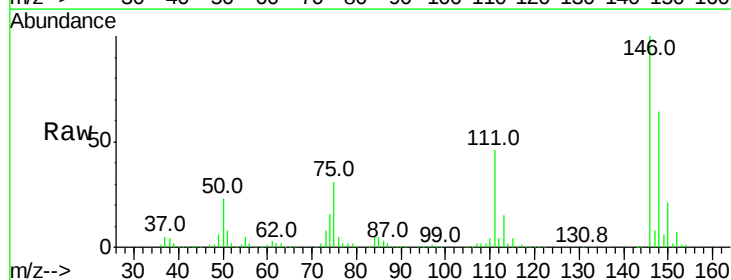
RT: 6.76 min Scan# 811

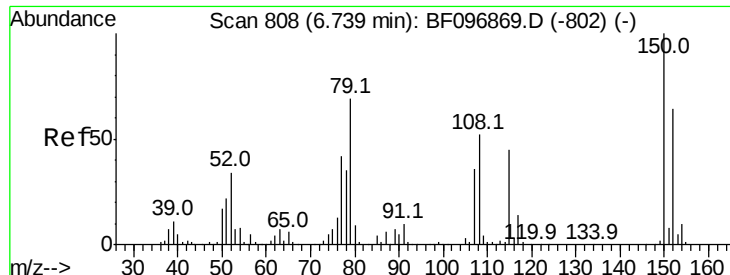
Delta R.T. -0.02 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:	146	Resp:	293029
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
111	45.7	38.2	57.4





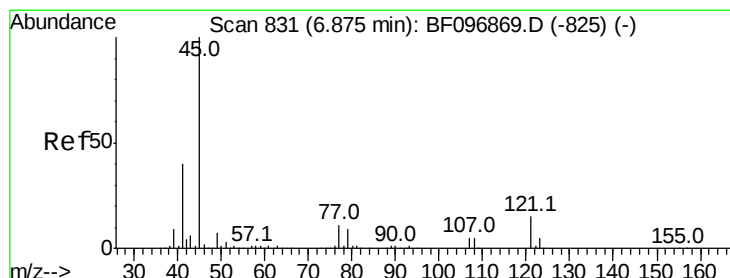
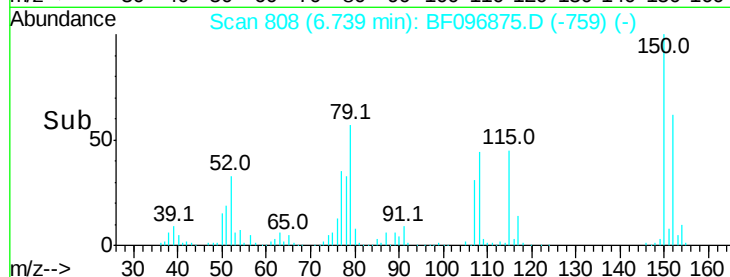
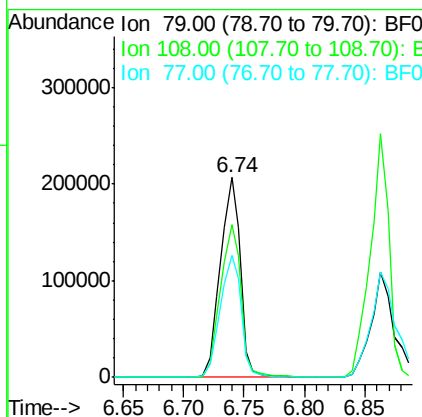
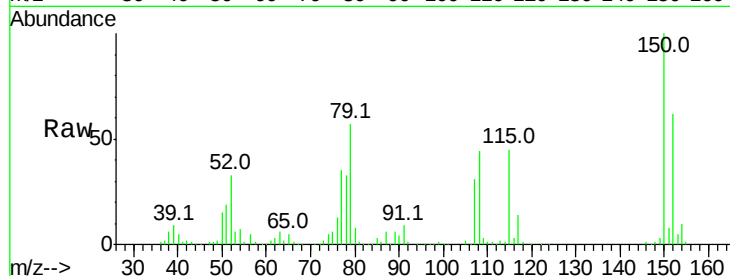
#15
Benzyl Alcohol
Concen: 45.694 ng
RT: 6.74 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	63.4	95.0
77	60.9	49.2	73.8

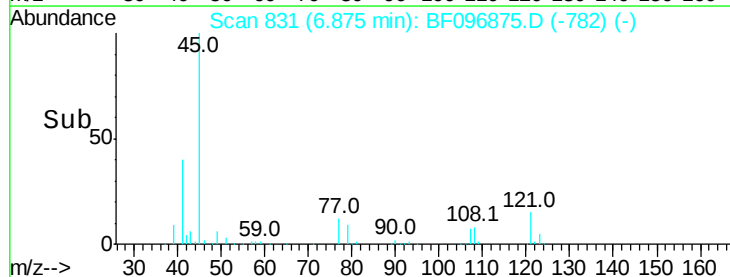
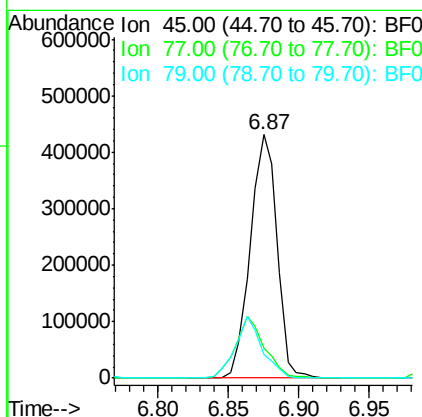
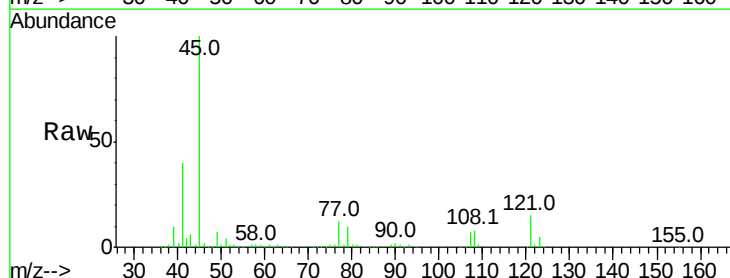
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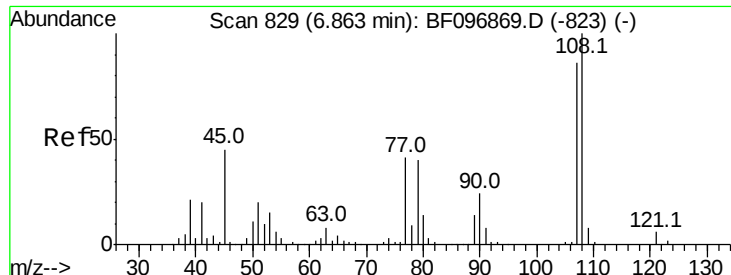
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.435 ng
RT: 6.87 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	33.2
79	9.6	0.0	30.0





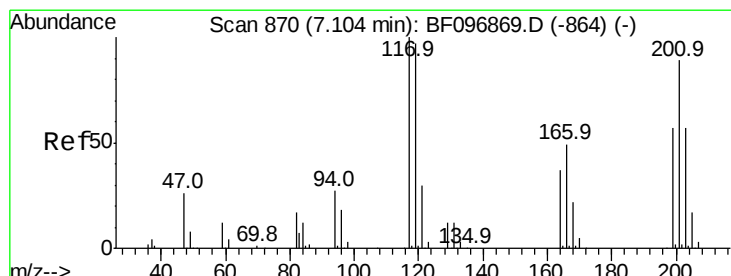
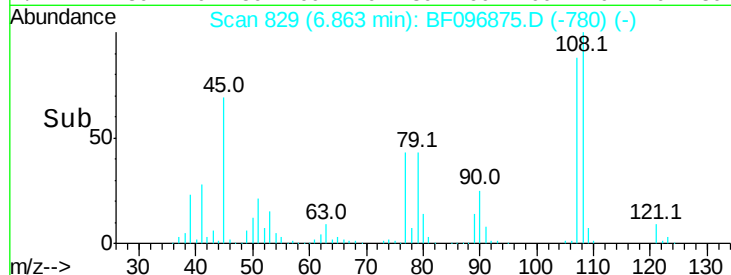
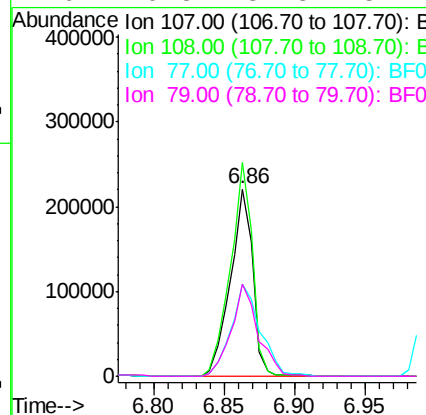
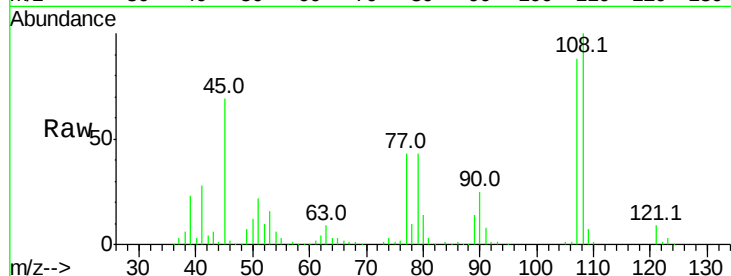
#17
2-Methylphenol
Concen: 44.091 ng
RT: 6.86 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	93.4	140.0	
77	49.4	35.8	53.6	
79	49.3	34.8	52.2	

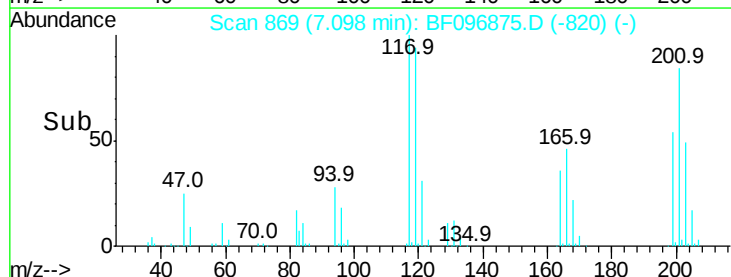
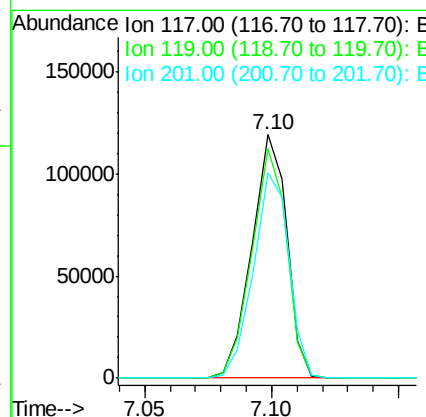
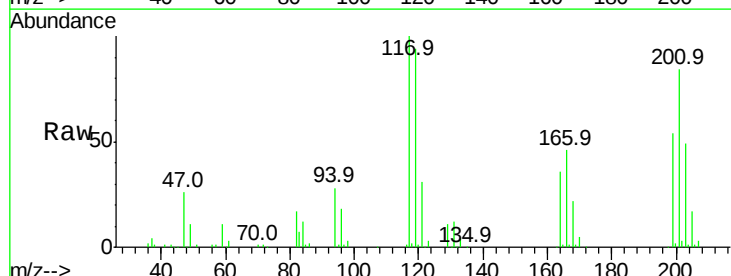
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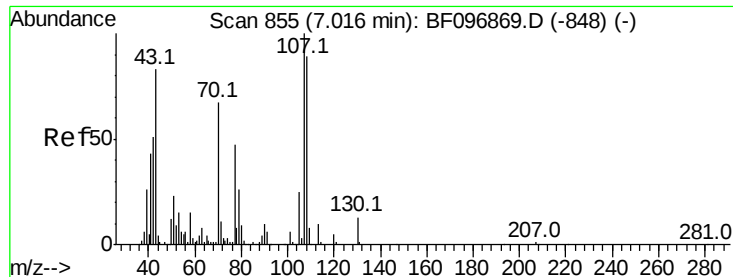
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#18
Hexachloroethane
Concen: 42.254 ng
RT: 7.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	77.4	116.0	
201	84.4	94.6	141.8#	





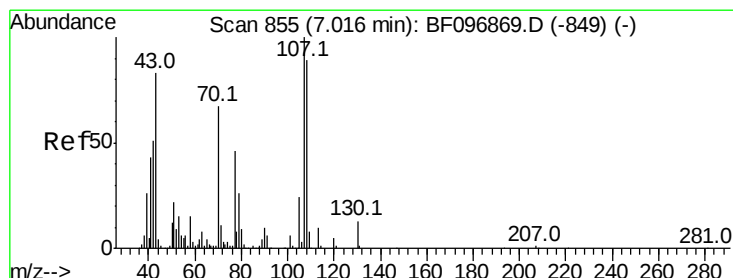
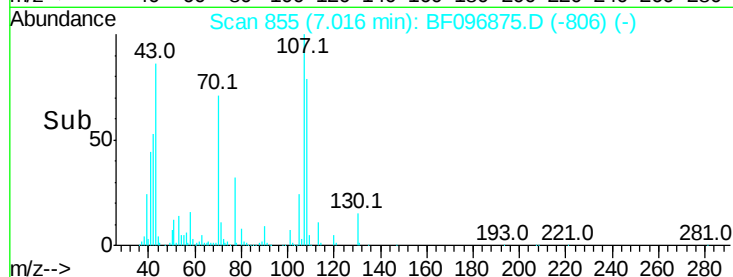
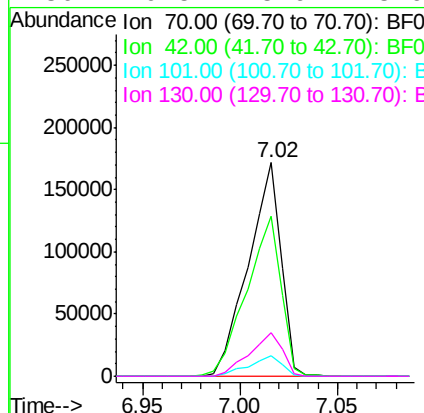
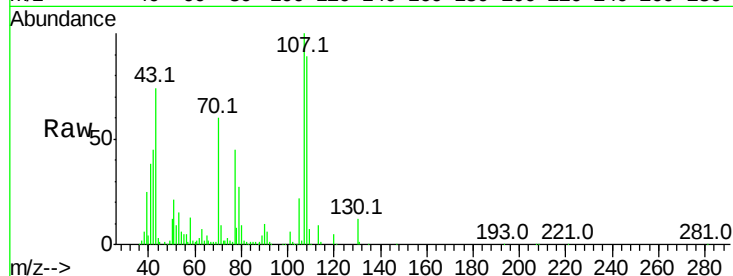
#19
n-Nitroso-di-n-propylamine
Concen: 41.838 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.2	47.2	70.8#
101	9.9	7.2	10.8
130	20.5	15.9	23.9

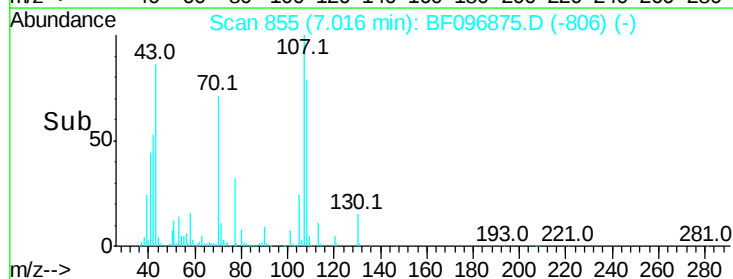
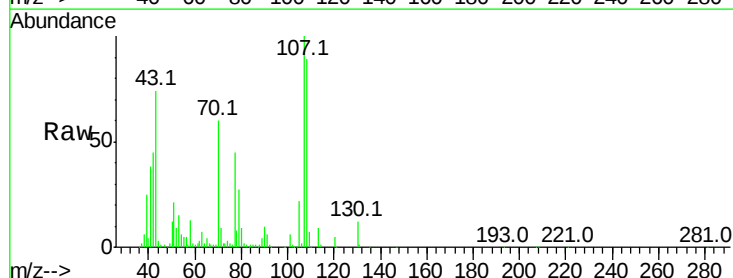
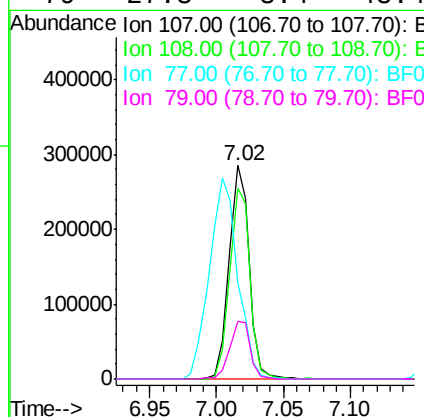
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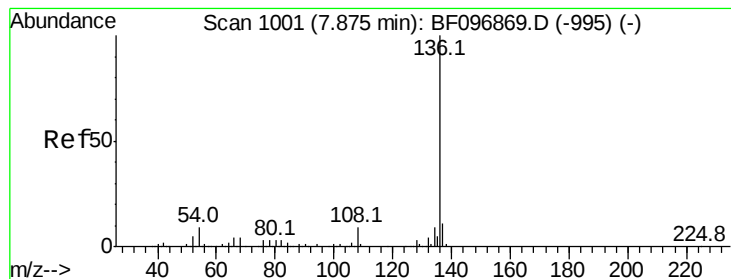
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#20
3+4-Methylphenols
Concen: 45.348 ng
RT: 7.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.0	111.0
77	44.7	90.5	130.5#
79	27.3	8.4	48.4





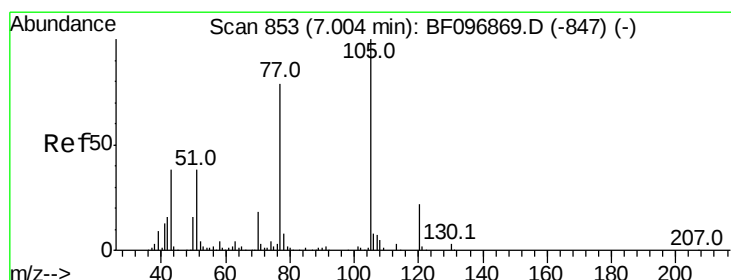
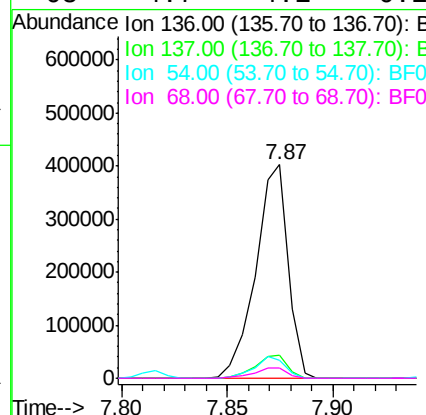
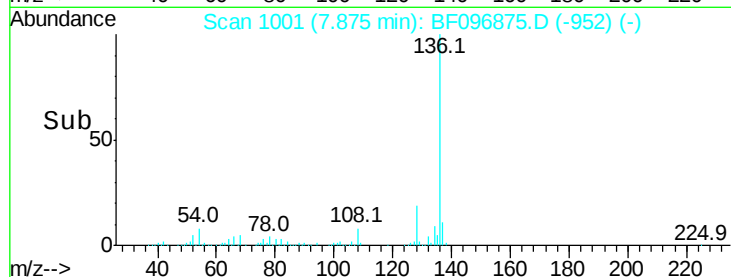
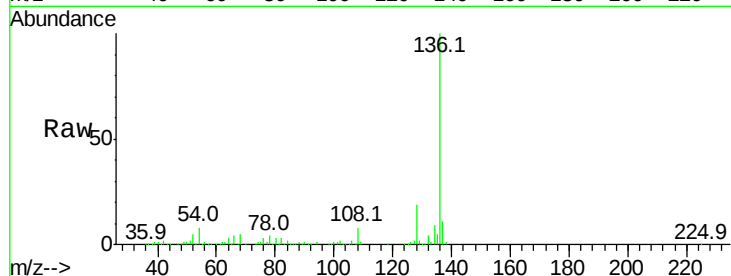
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.5	12.7	
54	8.3	4.9	7.3	
68	4.7	4.1	6.1	

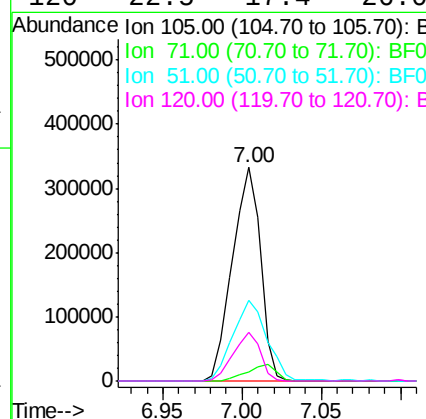
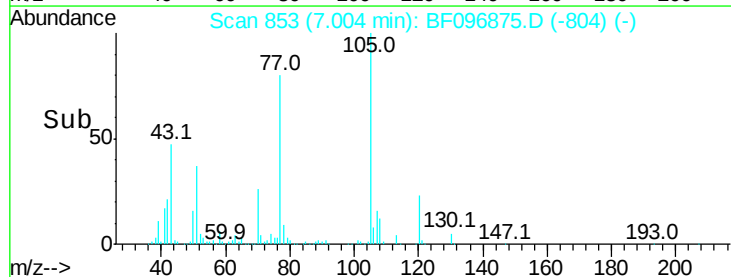
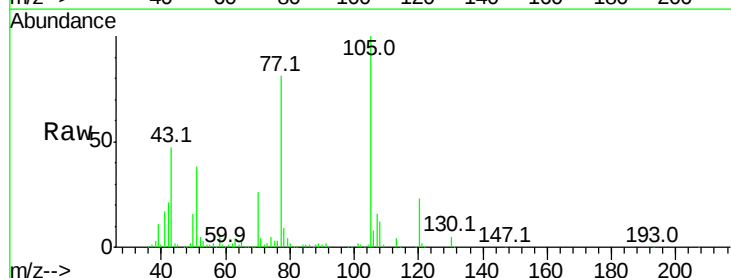
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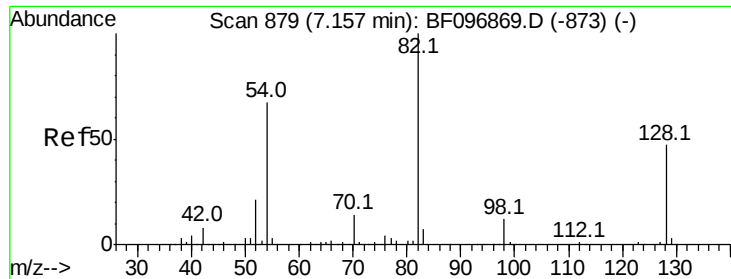
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#22
Acetophenone
Concen: 42.665 ng
RT: 7.00 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	2.8	4.2	
51	37.8	30.7	46.1	
120	22.5	17.4	26.0	





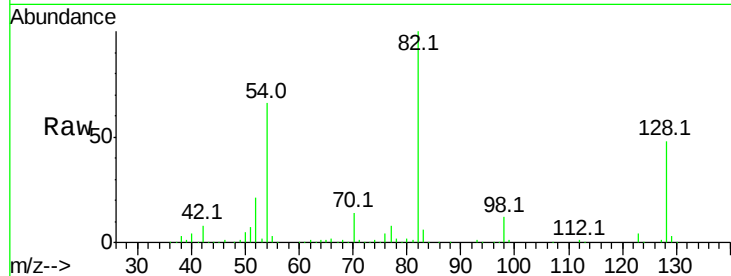
#23
Nitrobenzene-d5
Concen: 84.181 ng
RT: 7.16 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

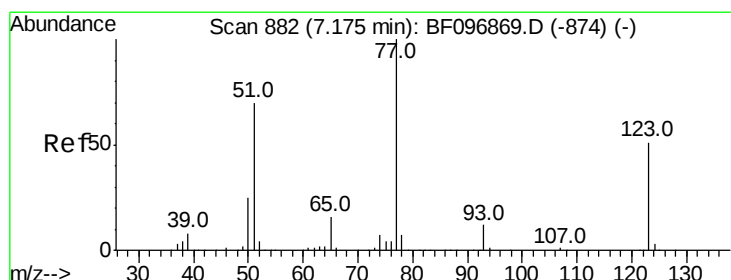
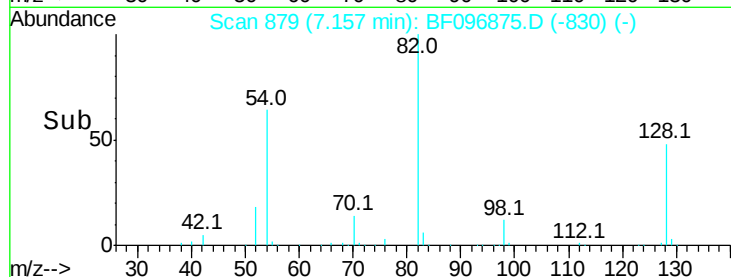
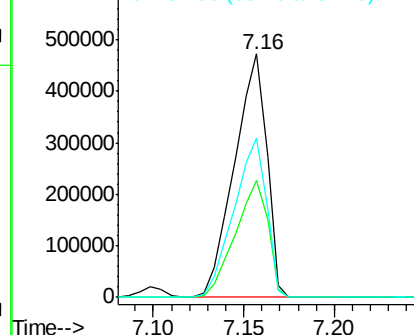
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	65.6	42.2	63.2#

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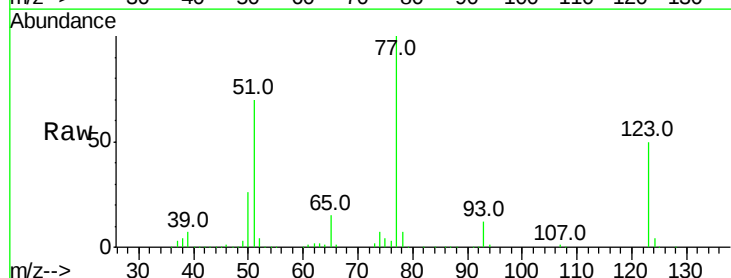


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

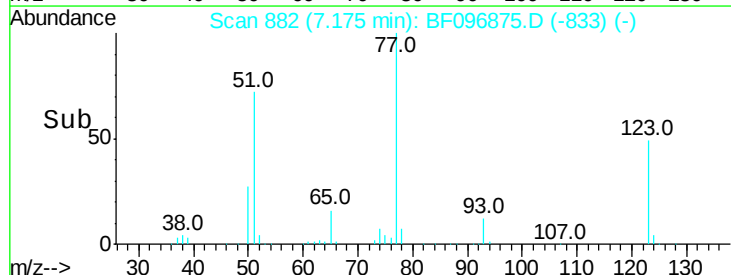
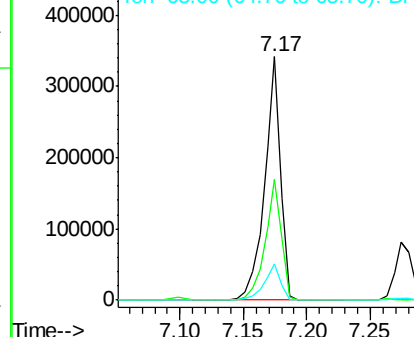


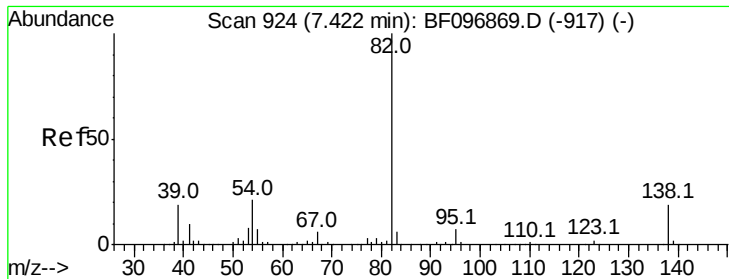
#24
Nitrobenzene
Concen: 42.094 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	35.8	53.8
65	15.1	10.6	15.8



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





#25

Isophorone

Concen: 42.069 ng

RT: 7.42 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

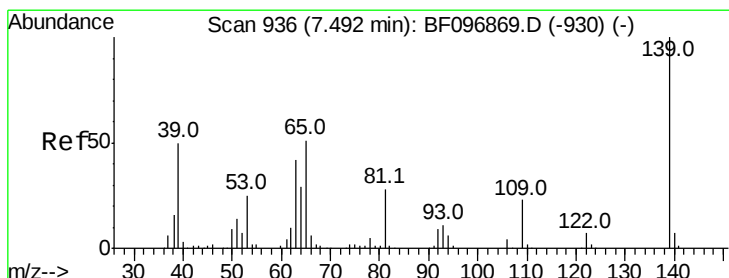
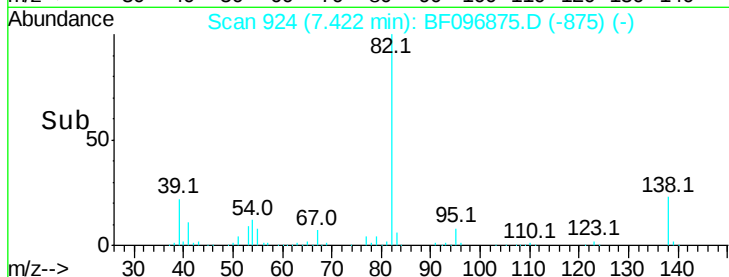
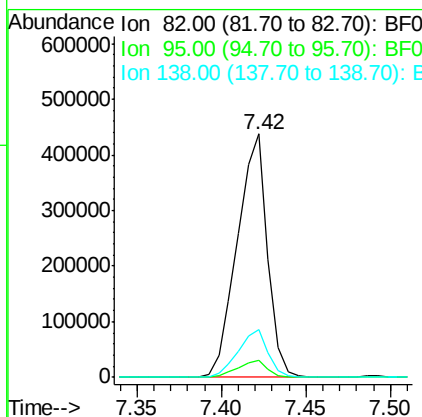
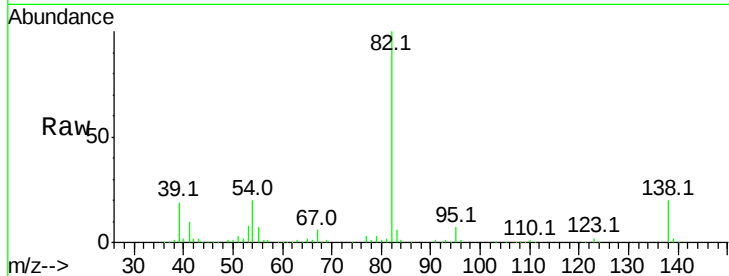
ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:	82	Resp:	543685
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	19.7	13.1	19.7#

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#26

2-Nitrophenol

Concen: 43.759 ng

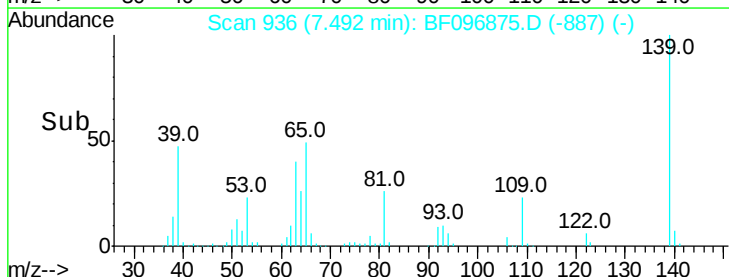
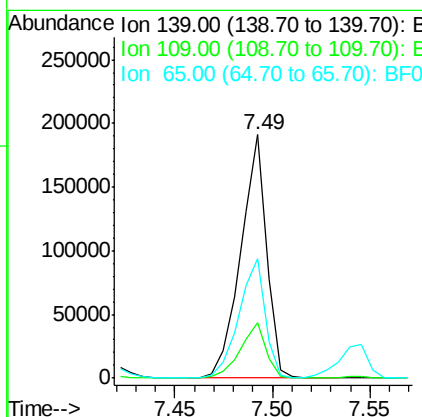
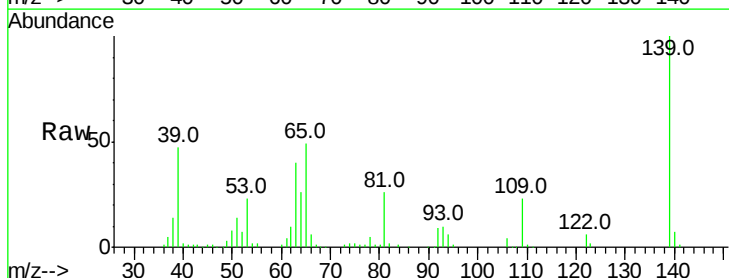
RT: 7.49 min Scan# 936

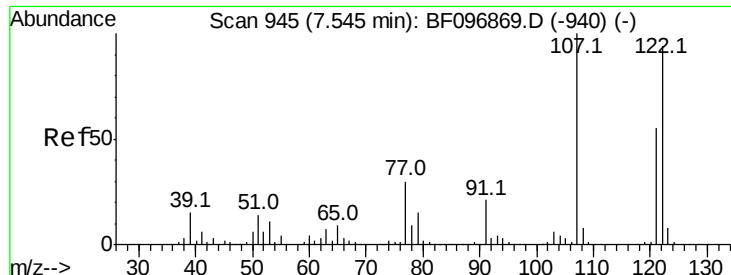
Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:	139	Resp:	174823
Ion Ratio	Lower	Upper	
139	100		
109	23.0	21.0	31.6
65	48.8	33.0	49.6





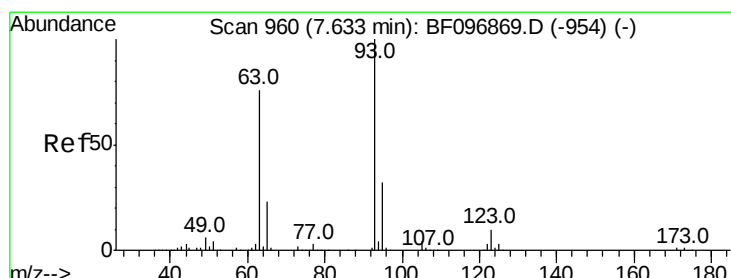
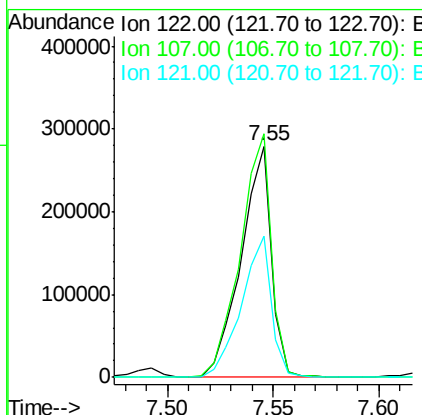
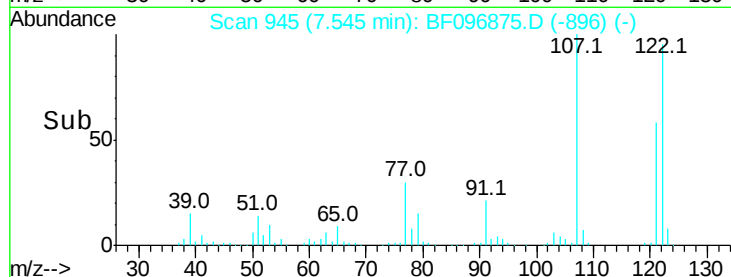
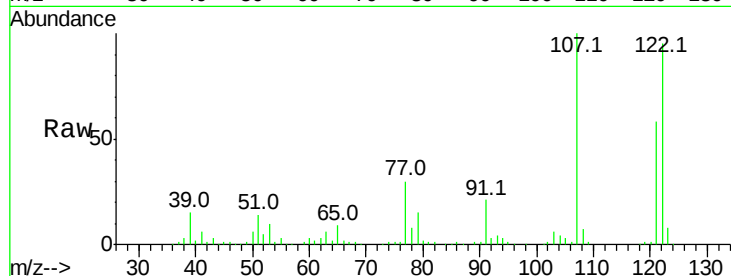
#27
 2,4-Dimethylphenol
 Concen: 42.486 ng
 RT: 7.55 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.5	89.2	133.8
121	61.2	45.2	67.8

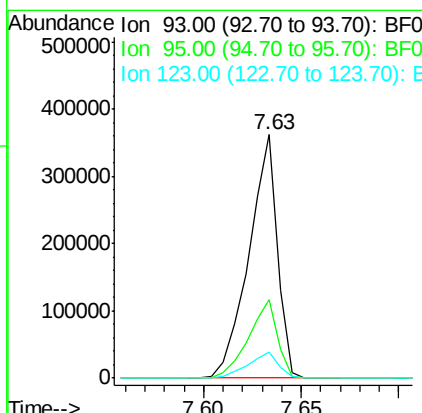
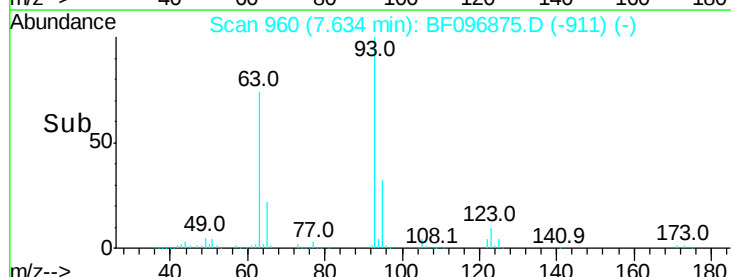
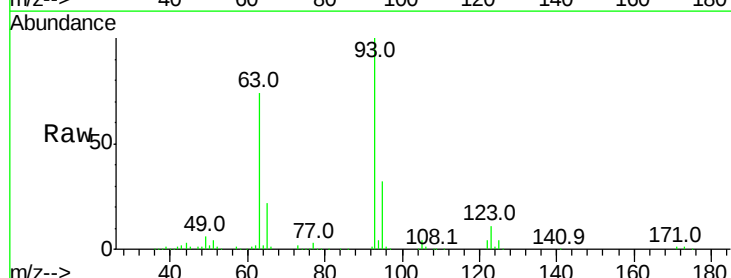
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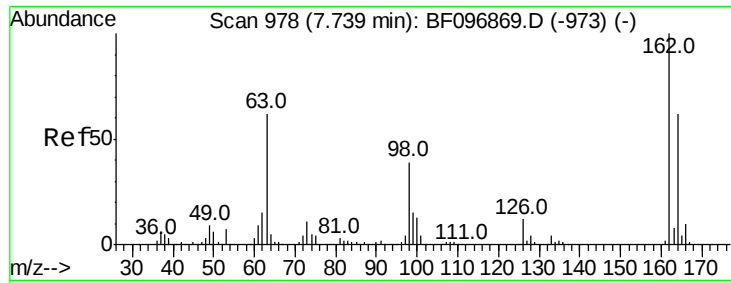
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.739 ng
 RT: 7.63 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.7	9.0	13.4





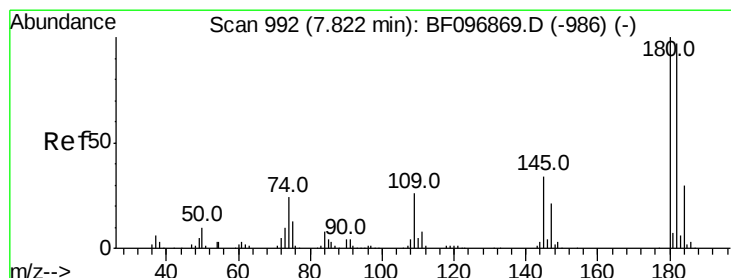
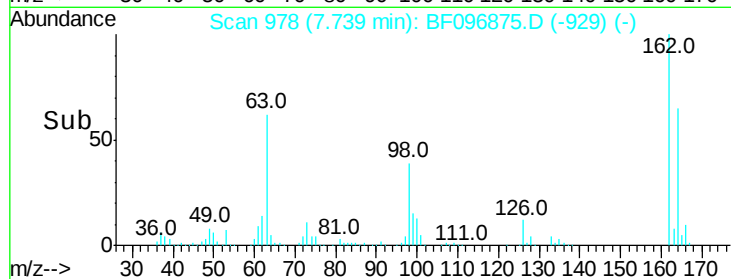
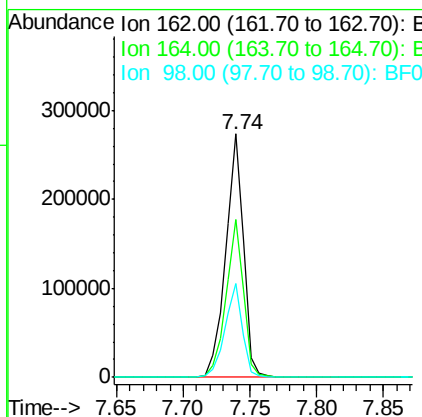
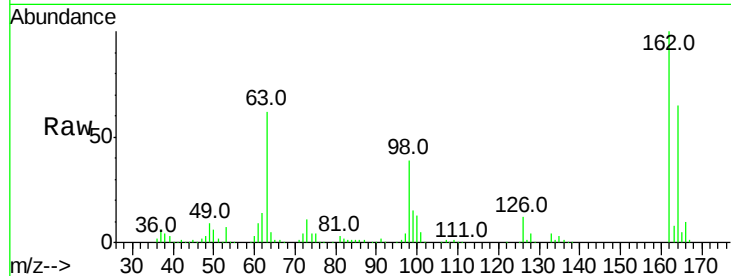
#29
 2,4-Dichlorophenol
 Concen: 43.522 ng
 RT: 7.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	258932		
164	64.9		44.6	84.6
98	38.6		14.8	54.8

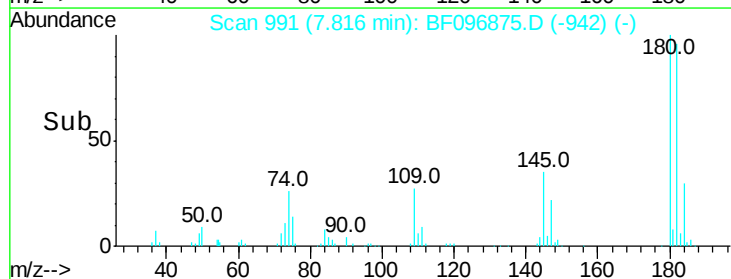
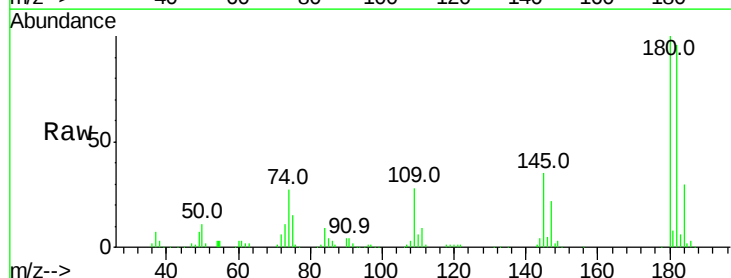
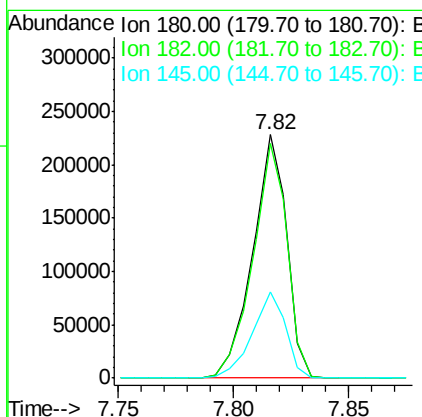
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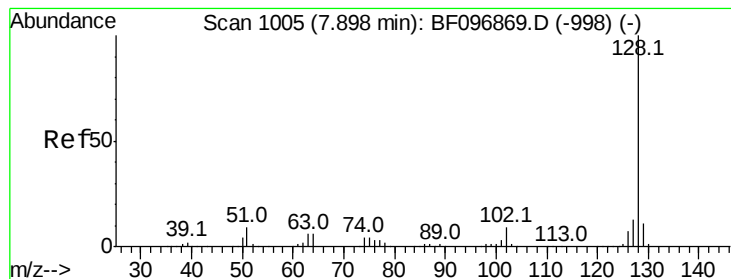
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.541 ng
 RT: 7.82 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234984		
182	96.1		75.8	113.6
145	35.3		25.3	37.9





#31

Naphthalene

Concen: 42.762 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

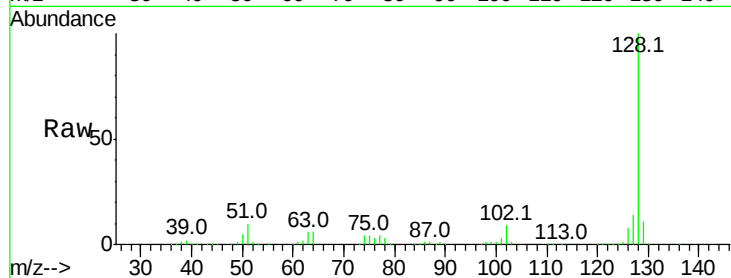
ClientSampleId :

HDD-P1LWC2MSD

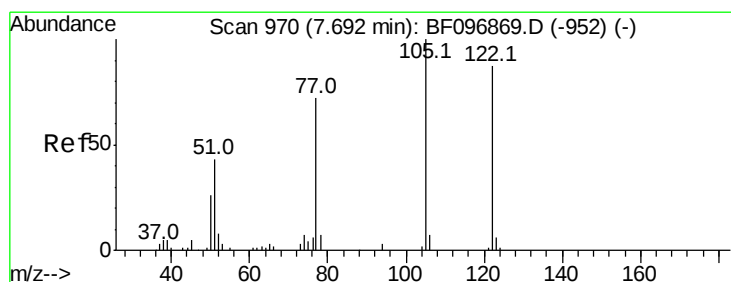
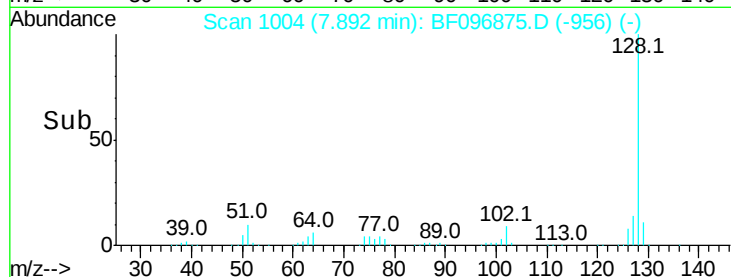
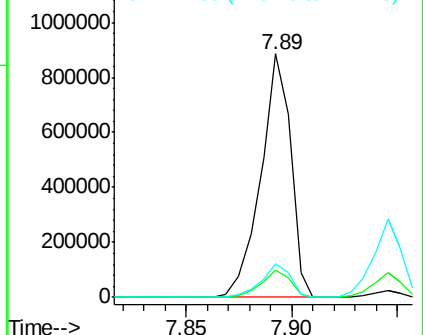
Tot Ion:128	Resp:	871707
Ion Ratio	Lower	Upper
128	100	
129	11.4	9.0 13.6
127	13.7	10.8 16.2

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



#32

Benzoic acid

Concen: 7.459 ng

RT: 7.64 min Scan# 961

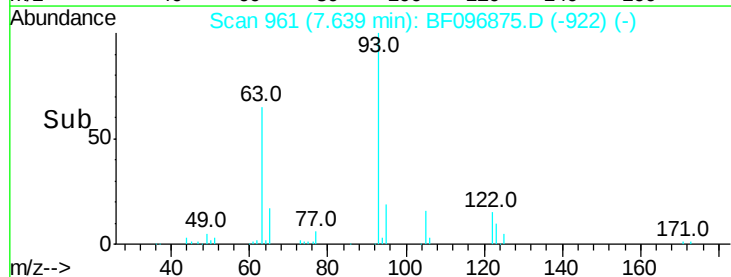
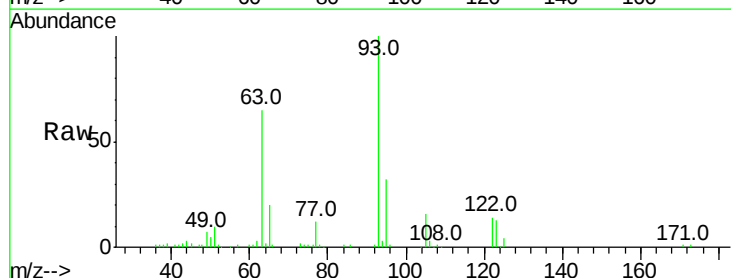
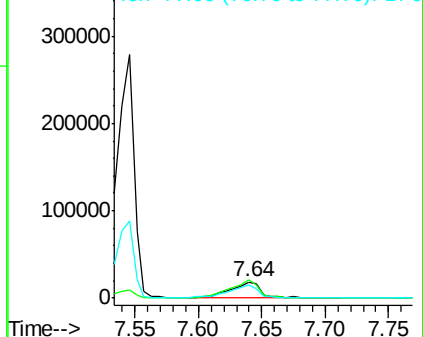
Delta R.T. -0.07 min

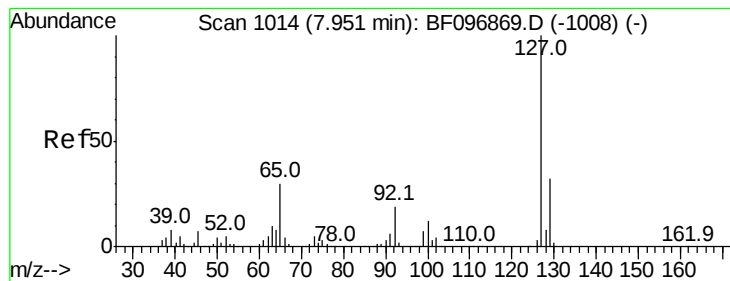
Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:122	Resp:	31333
Ion Ratio	Lower	Upper
122	100	
105	112.7	103.3 143.3
77	81.7	73.7 113.7

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 33.495 ng

RT: 7.95 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

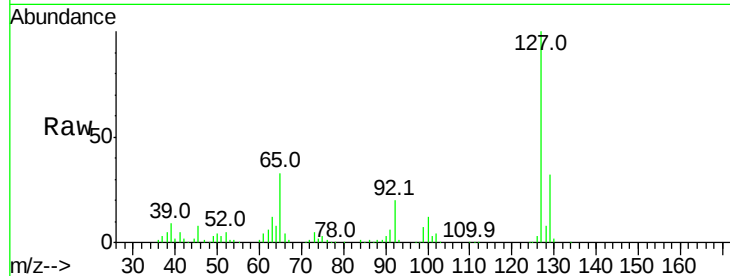
ClientSampleId :

HDD-P1LWC2MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	32.5	27.8	41.8
92	19.8	16.8	25.2

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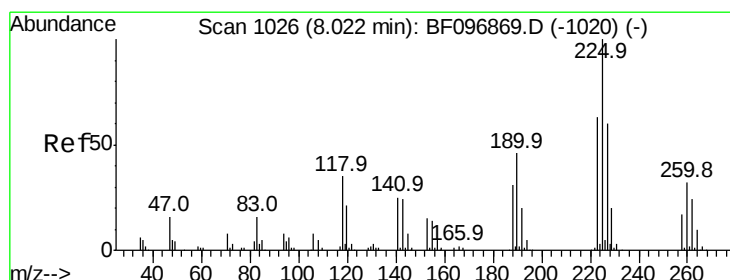
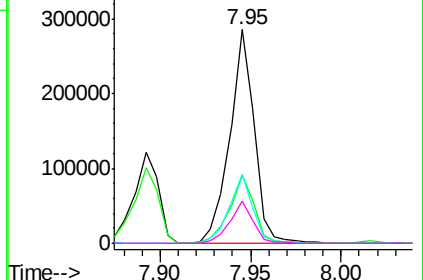
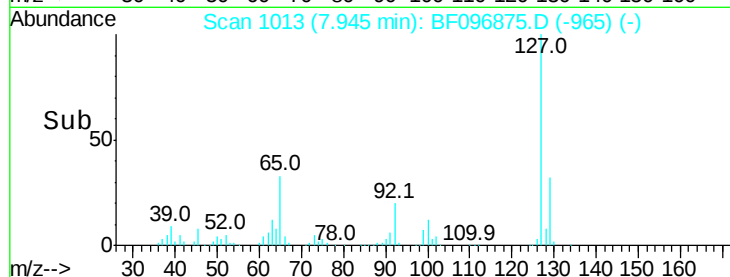


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.275 ng

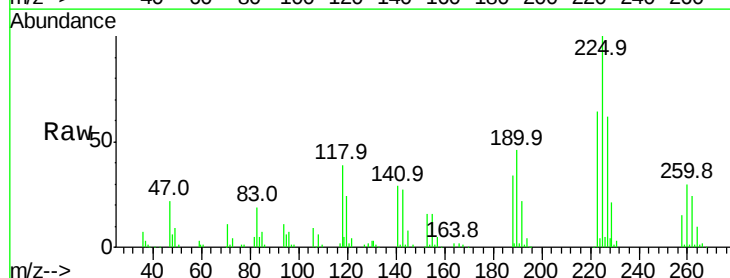
RT: 8.02 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

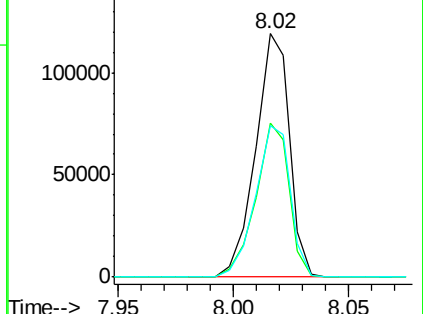
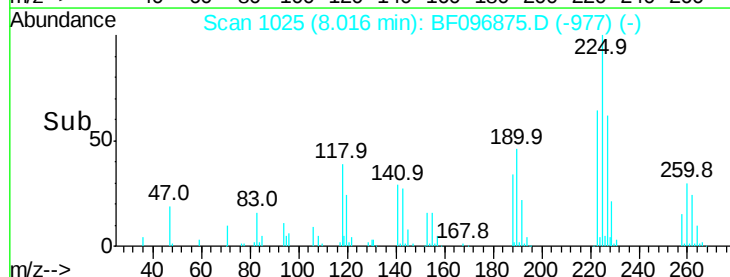
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	62.1	51.1	76.7

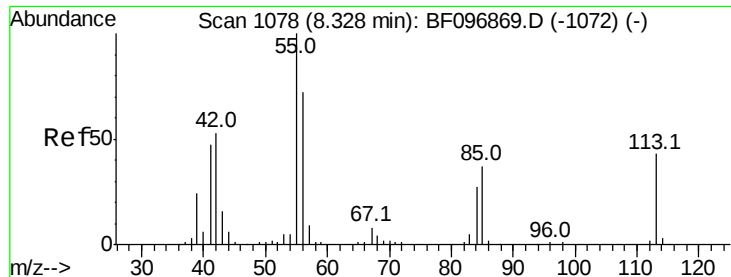


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.799 ng/mL

RT: 8.32 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:113 Resp: 85400

Ion Ratio Lower Upper

113 100

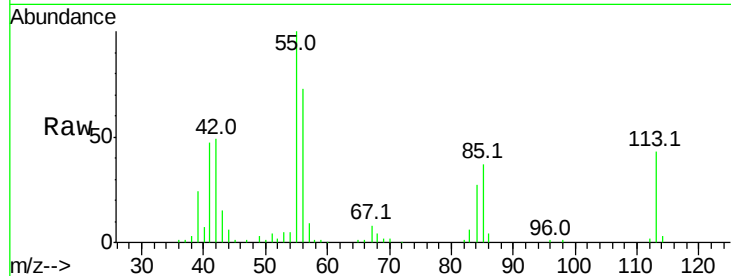
55 231.9 150.2 190.2#

56 168.9 107.8 147.8#

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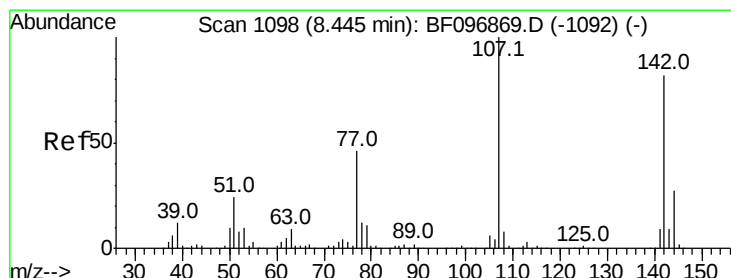
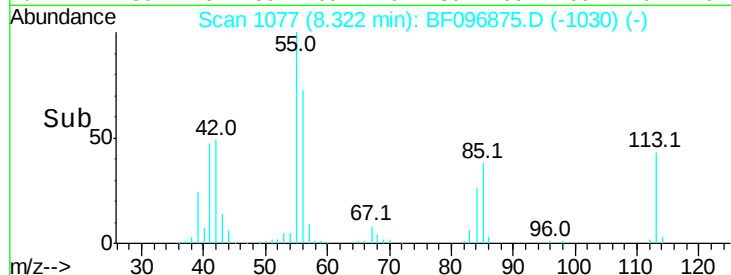
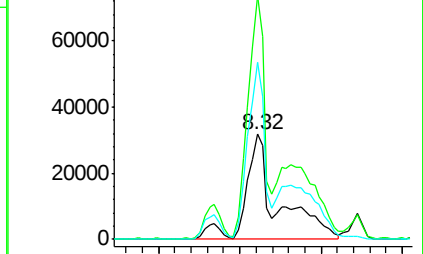
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.243 ng/mL

RT: 8.45 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

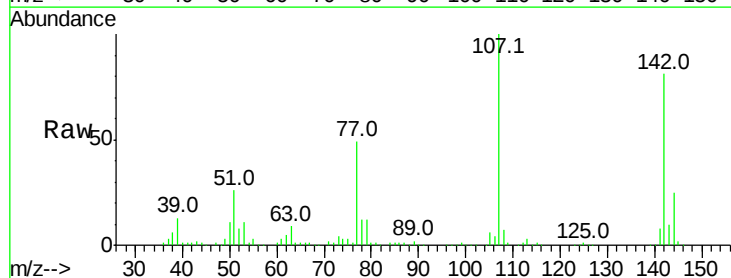
Tgt Ion:107 Resp: 270235

Ion Ratio Lower Upper

107 100

144 25.1 24.2 36.4

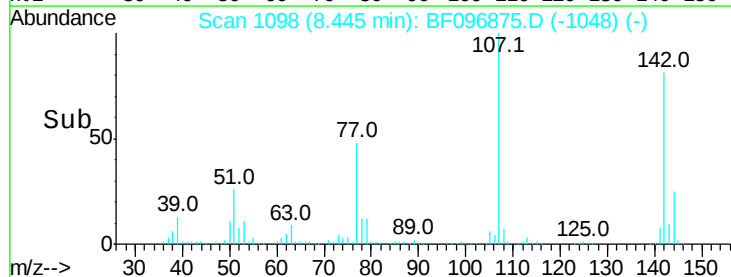
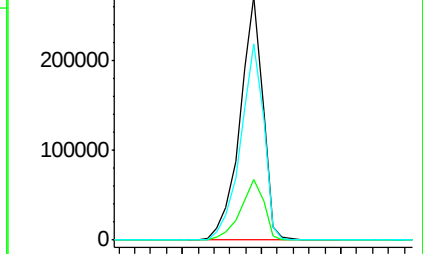
142 80.6 73.4 110.0

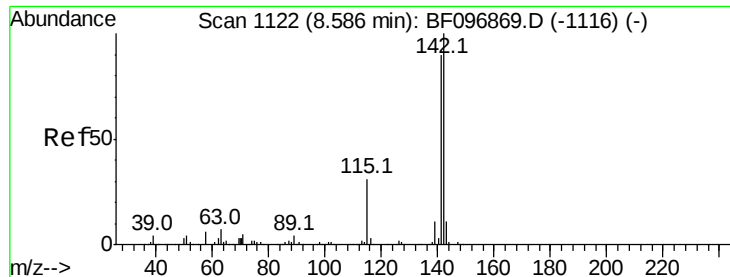


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.529 ng

RT: 8.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

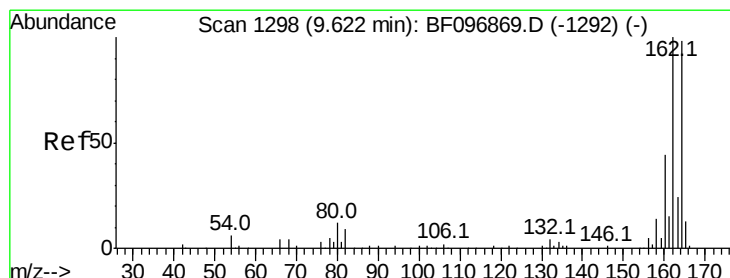
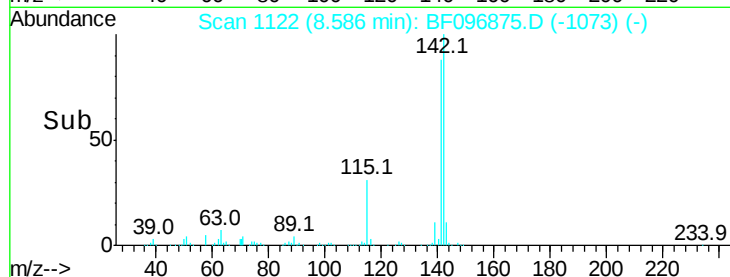
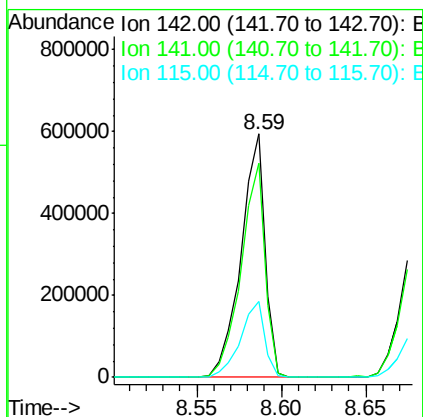
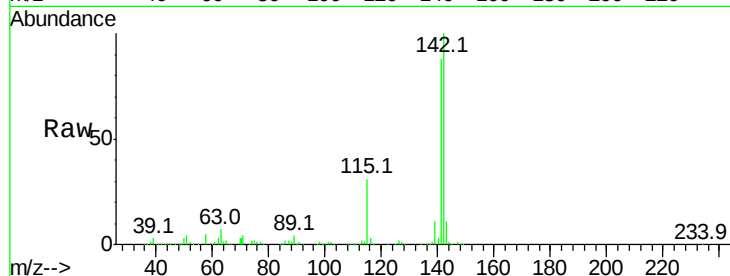
ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:	142	Resp:	591704
Ion Ratio	Lower	Upper	
142	100		
141	87.7	71.3	106.9
115	31.2	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.000 ng

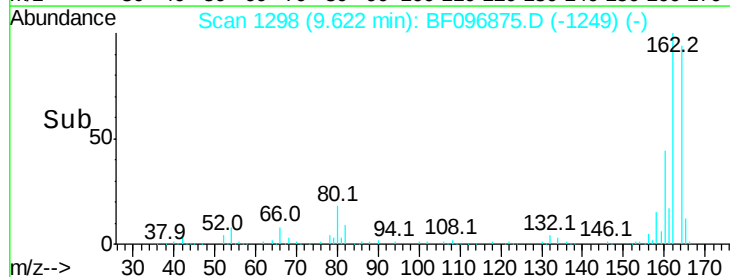
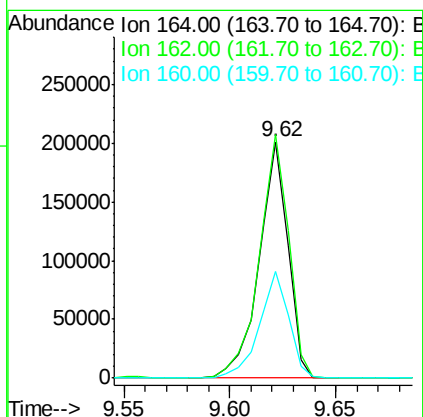
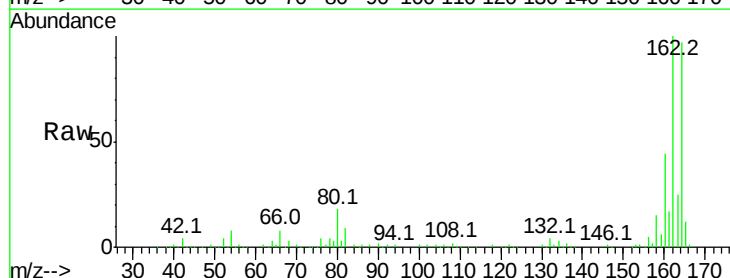
RT: 9.62 min Scan# 1298

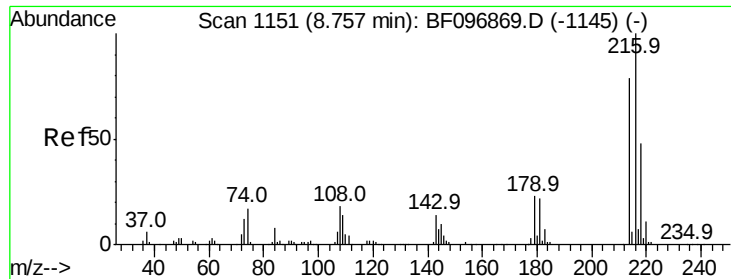
Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:	164	Resp:	190860
Ion Ratio	Lower	Upper	
164	100		
162	103.1	82.6	123.8
160	45.3	36.2	54.2





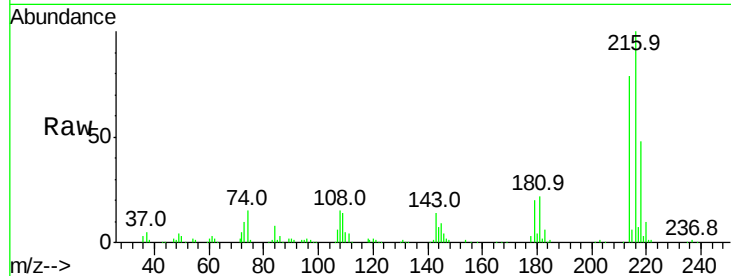
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.165 ng
 RT: 8.76 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

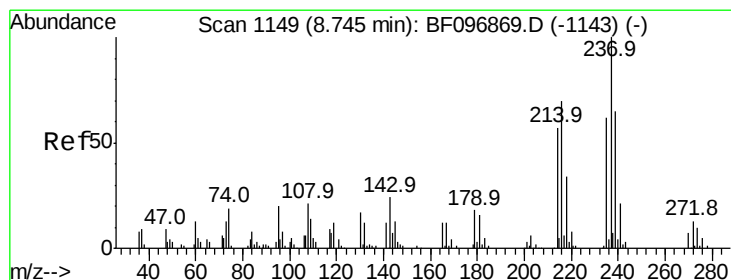
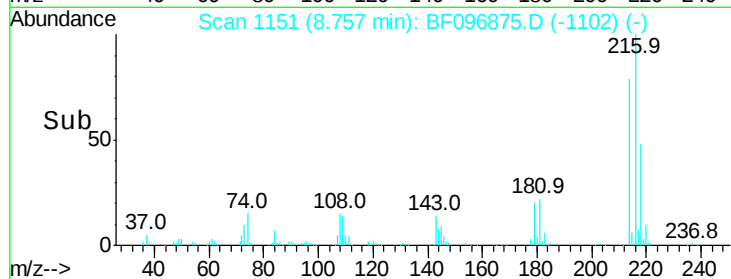
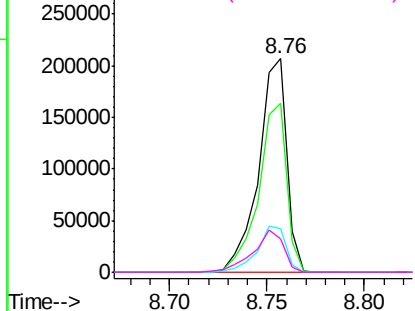
Tot Ion	Ratio	Resp	Lower	Upper
216	100	207224		
214	78.8	63.4	95.2	
179	21.9	17.9	26.9	
108	21.2	16.5	24.7	

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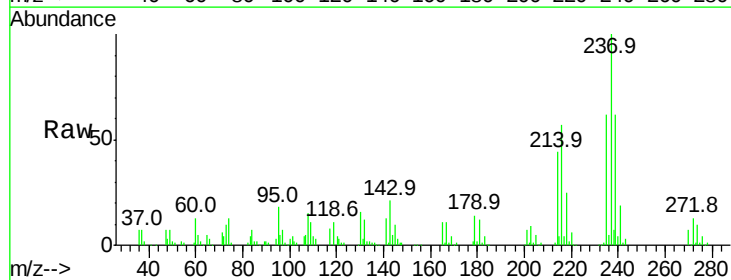


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

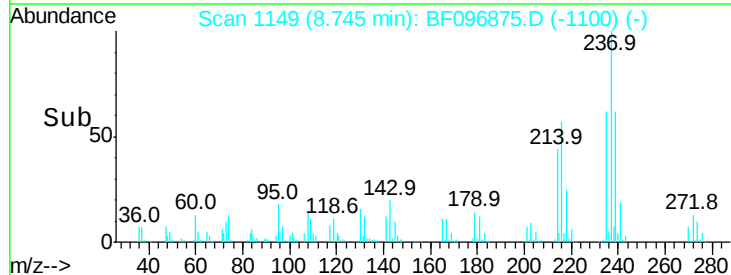
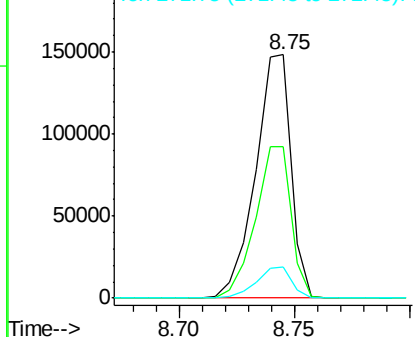


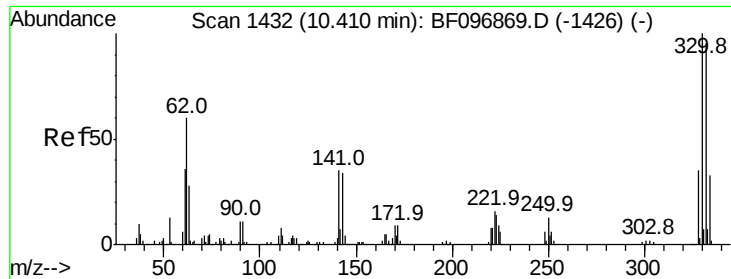
#40
 Hexachlorocyclopentadiene
 Concen: 82.129 ng
 RT: 8.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	159644		
235	62.2	42.6	82.6	
272	12.6	0.0	31.9	



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





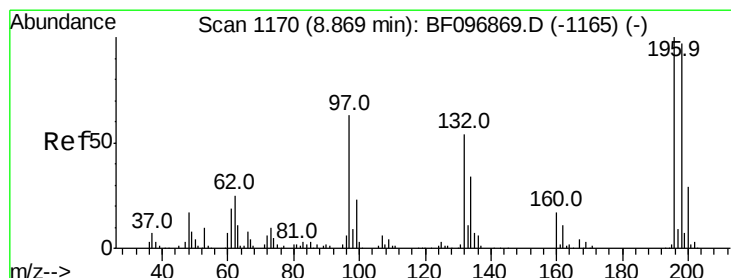
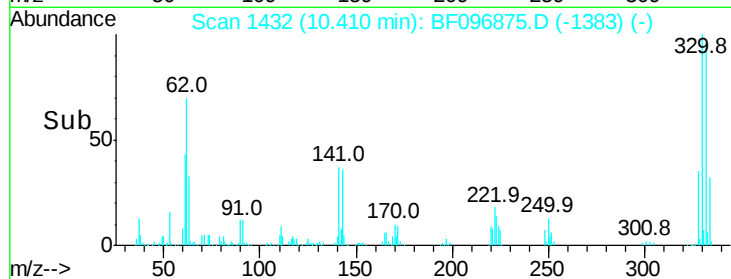
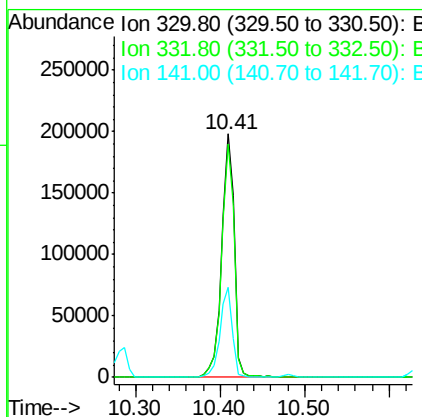
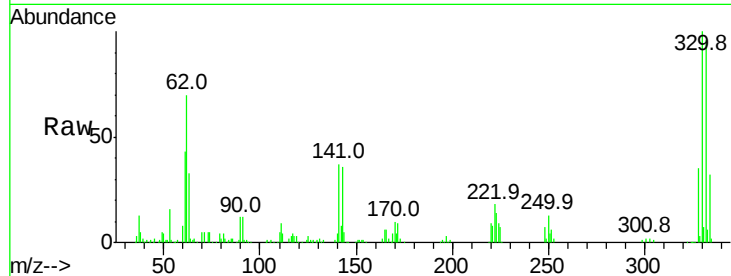
#41
 2,4,6-Tribromophenol
 Concen: 127.568 ng
 RT: 10.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	207828		
332	96.0	76.6	115.0	
141	36.7	31.4	47.2	

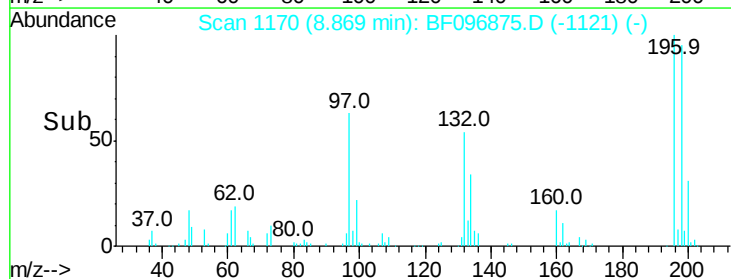
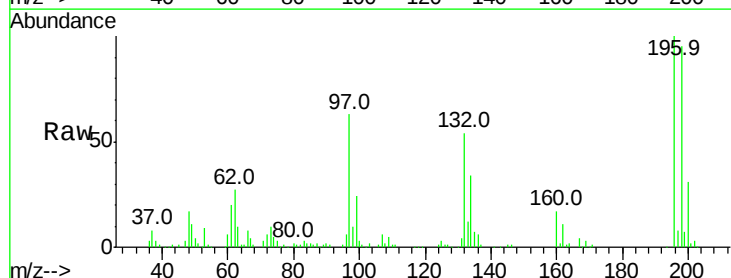
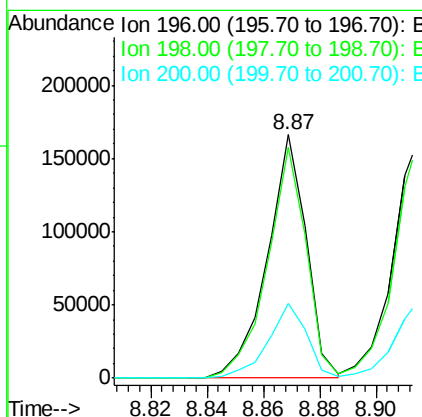
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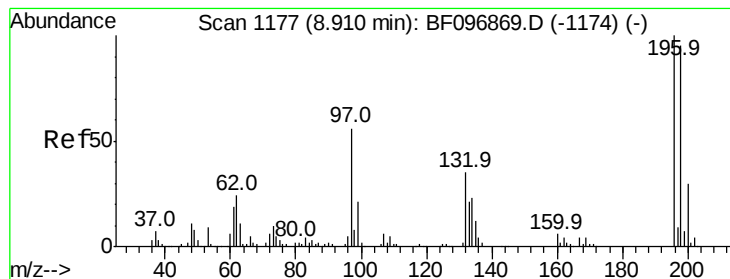
Sohil
 7/20/2017 3:04:25 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.844 ng
 RT: 8.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	159246		
198	94.9	74.2	111.4	
200	30.6	24.0	36.0	





#43

2,4,5-Trichlorophenol

Concen: 42.630 ng

RT: 8.92 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:196 Resp: 163623

Ion Ratio Lower Upper

196 100

198 100.7 75.7 113.5

97 51.8 47.7 71.5

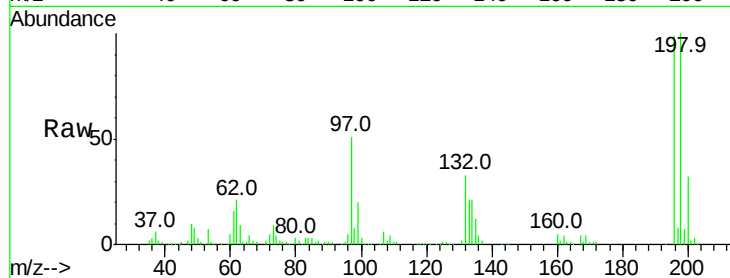
132 32.9 28.0 42.0

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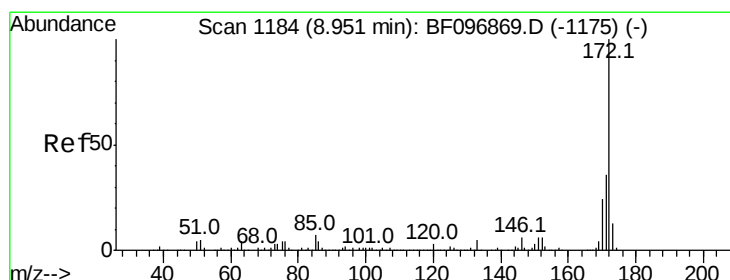
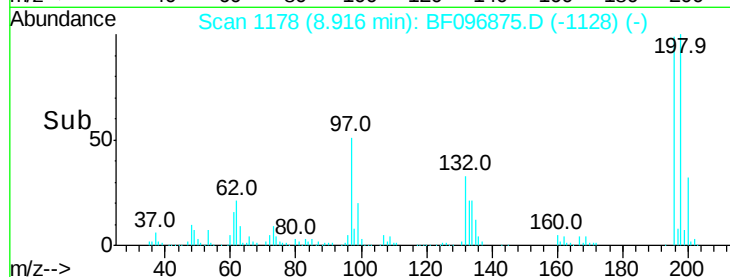
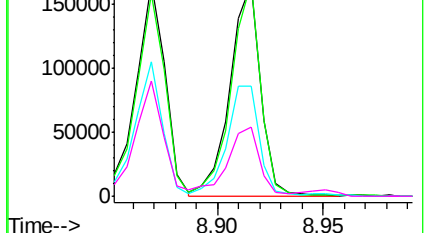


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 83.910 ng

RT: 8.95 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

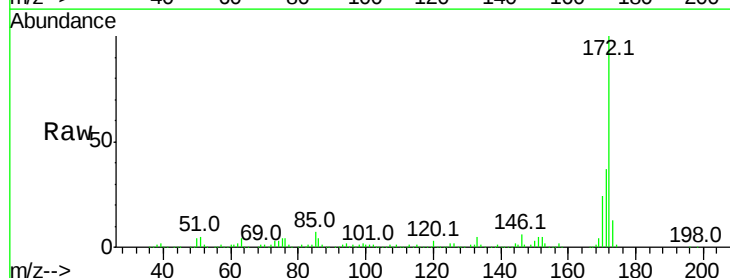
Tgt Ion:172 Resp: 1013659

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

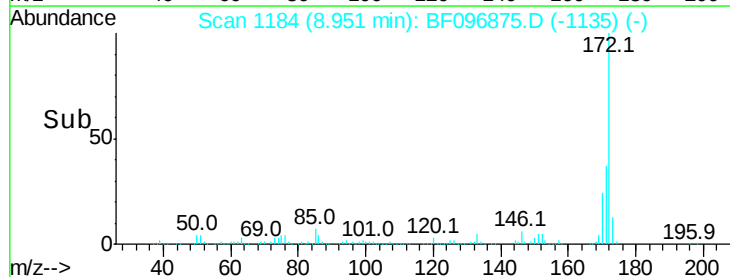
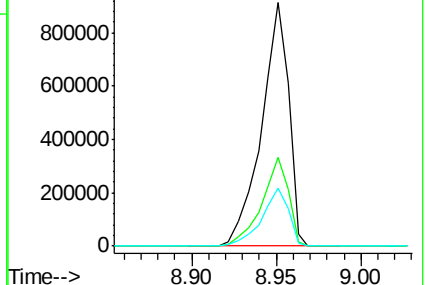
170 23.7 19.8 29.8

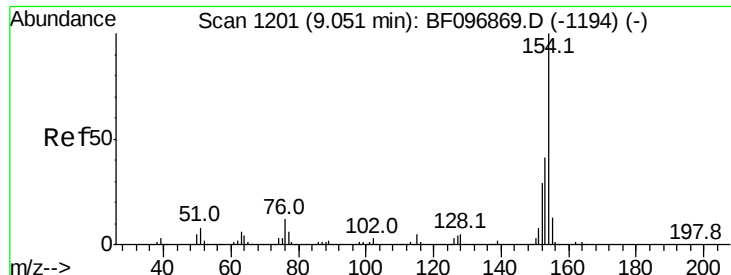


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.877 ng

RT: 9.05 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

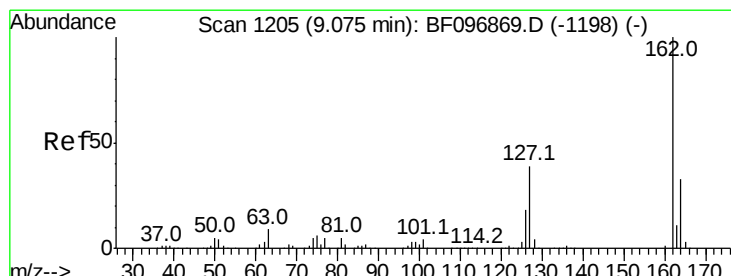
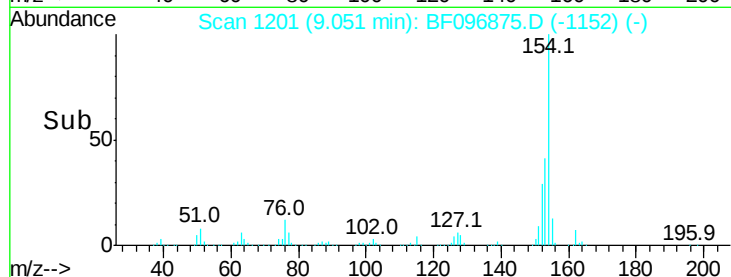
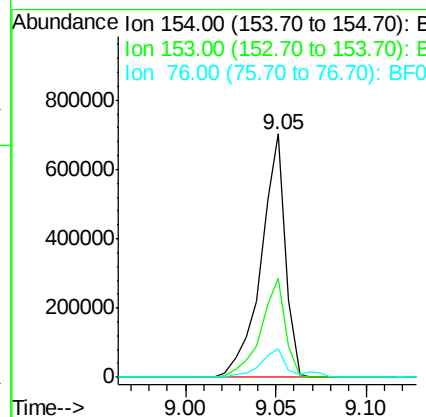
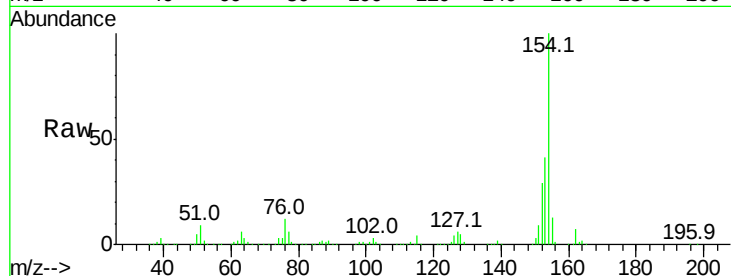
HDD-P1LWC2MSD

Tot Ion:	154	Resp:	652744
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.2	61.2
76	12.0	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 42.296 ng

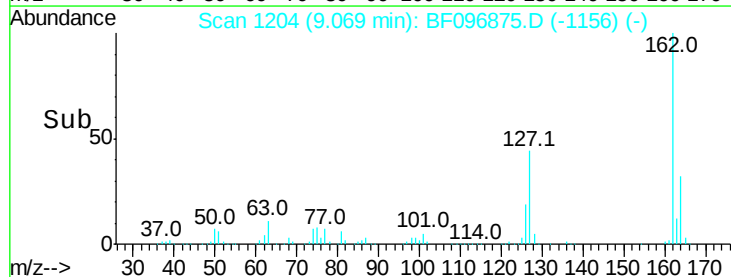
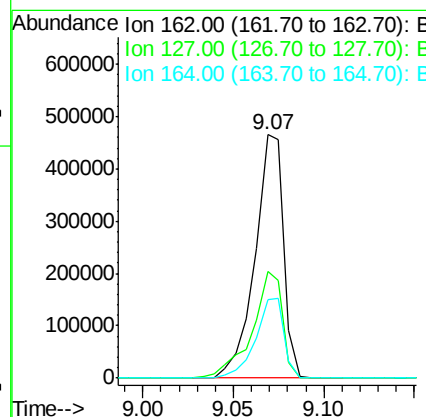
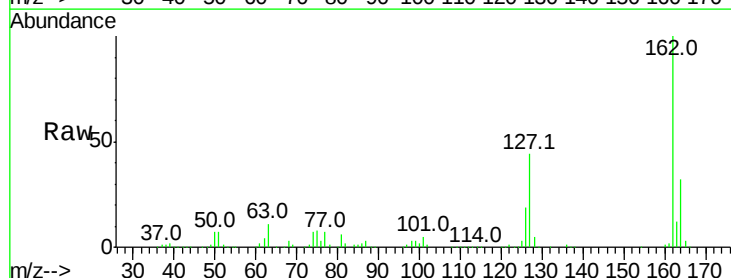
RT: 9.07 min Scan# 1204

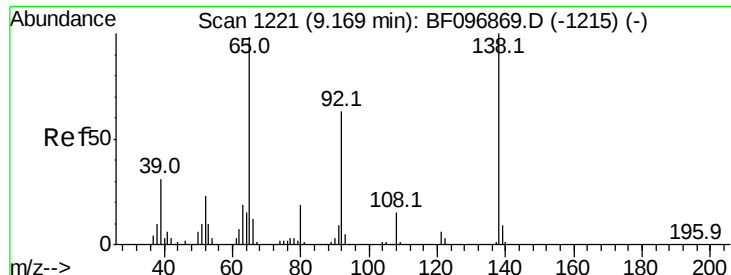
Delta R.T. -0.02 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:	162	Resp:	509808
Ion Ratio	Lower	Upper	
162	100		
127	43.9	28.3	42.5#
164	32.2	27.0	40.4





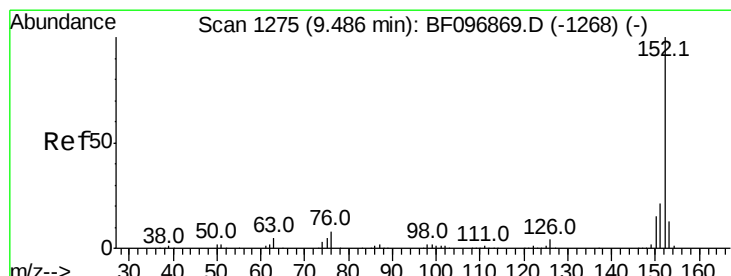
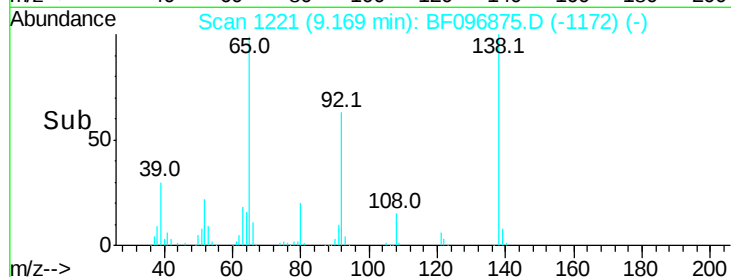
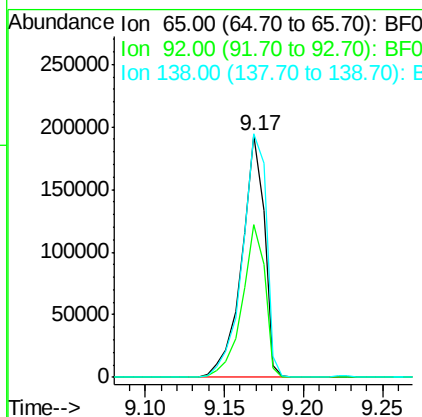
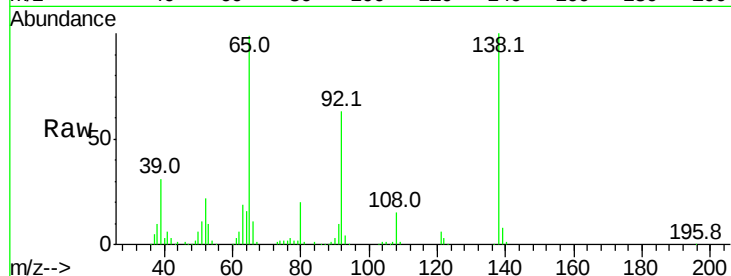
#47
2-Nitroaniline
Concen: 45.965 ng
RT: 9.17 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.2	53.9	80.9
138	100.6	78.8	118.2

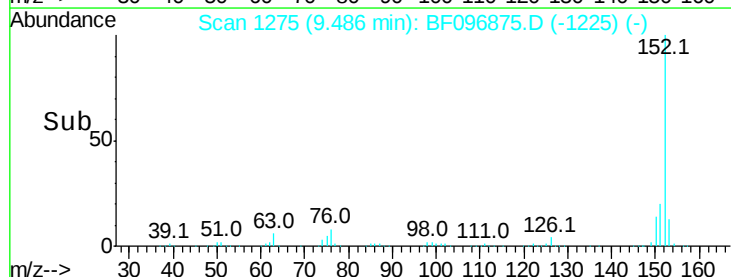
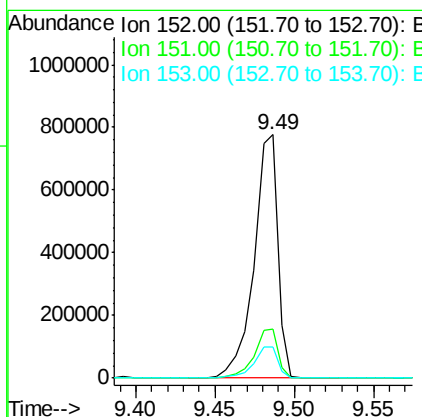
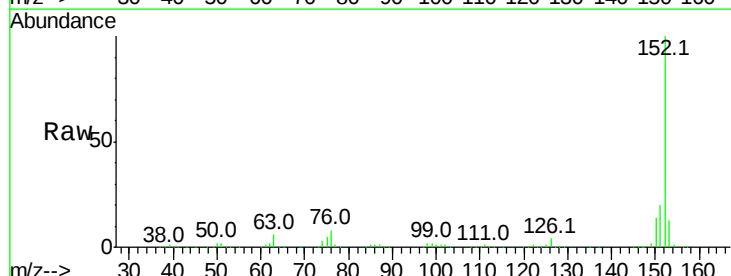
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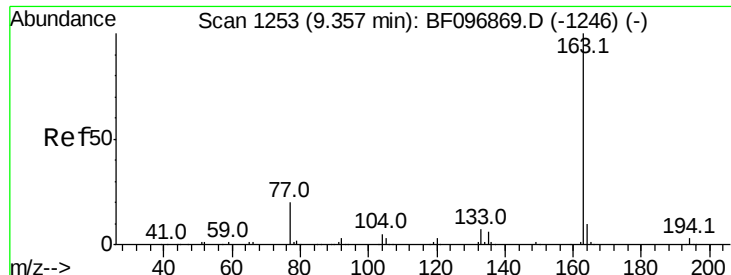
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#48
Acenaphthylene
Concen: 42.155 ng
RT: 9.49 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	12.8	10.8	16.2





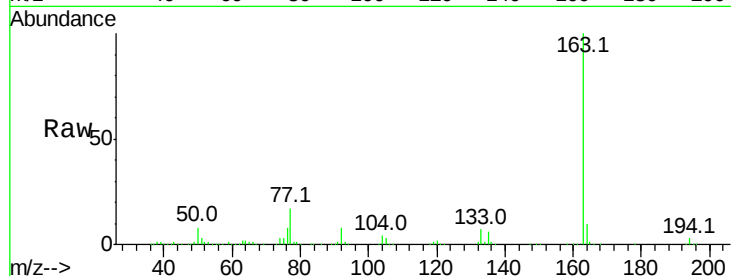
#49
Dimethylphthalate
Concen: 51.679 ng
RT: 9.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	742684		
194	3.4		2.6	4.0
164	9.7		8.4	12.6

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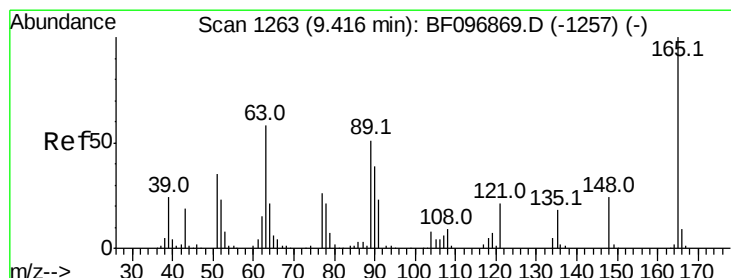
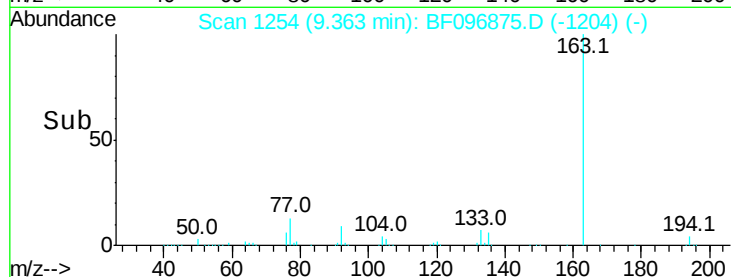
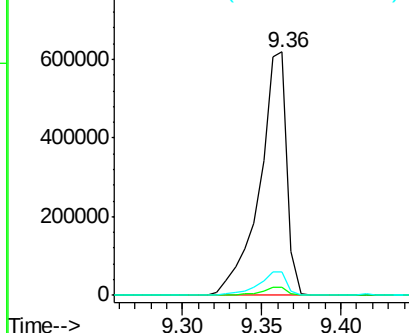


Abundance

Ion 163.00 (162.70 to 163.70): E

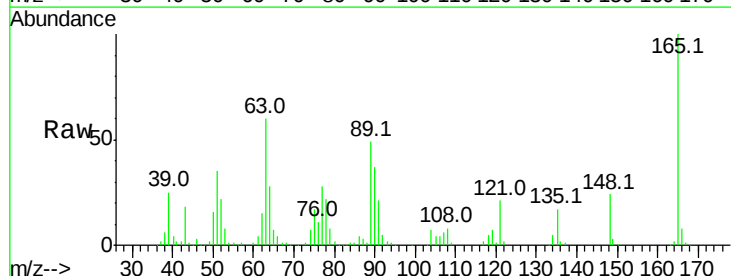
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 43.689 ng
RT: 9.42 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	135996		
63	60.5		34.3	51.5#
89	49.0		37.1	55.7

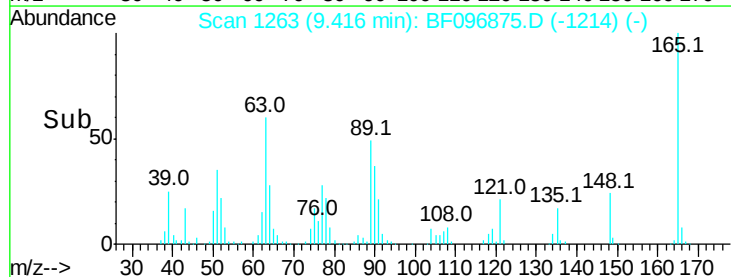
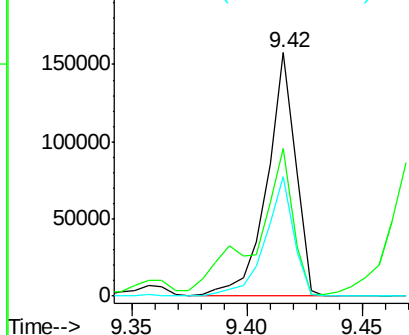


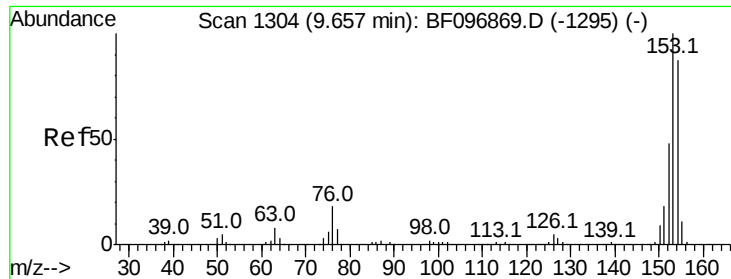
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.105 ng

RT: 9.66 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

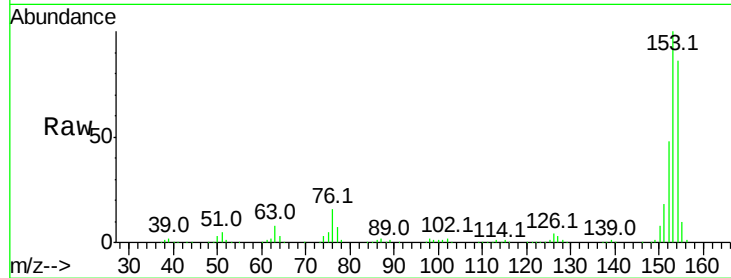
ClientSampleId :

HDD-P1LWC2MSD

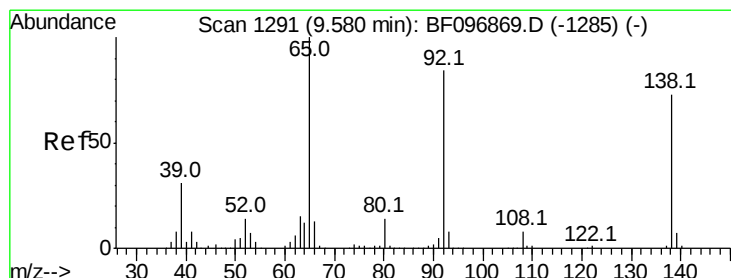
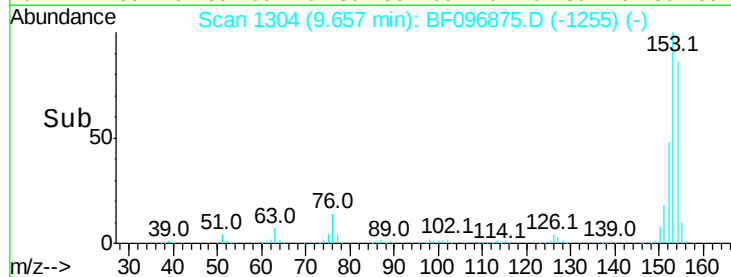
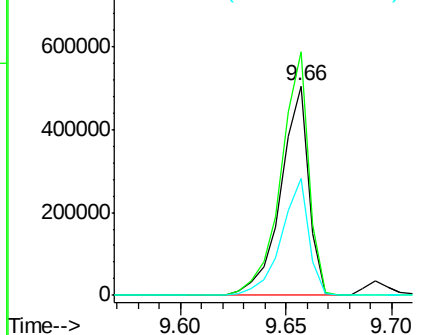
Tot Ion:	154	Resp:	466345
Ion Ratio	Lower	Upper	
154	100		
153	116.1	90.5	135.7
152	56.0	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.752 ng

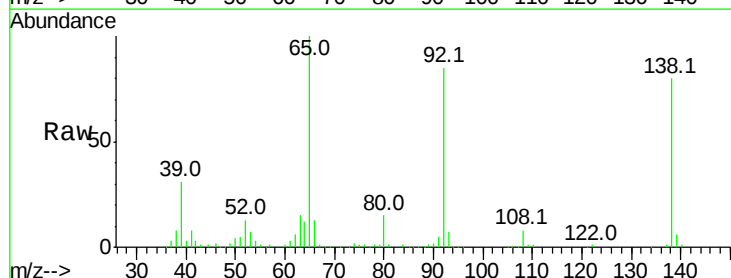
RT: 9.58 min Scan# 1291

Delta R.T. -0.01 min

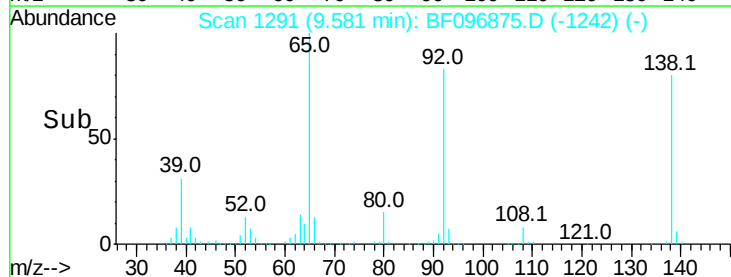
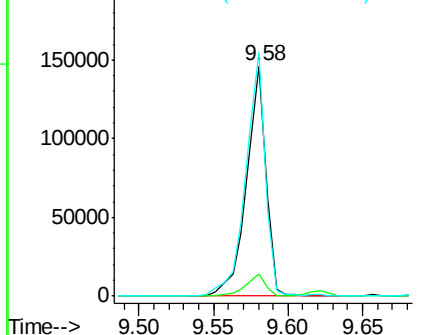
Lab File: BF096875.D

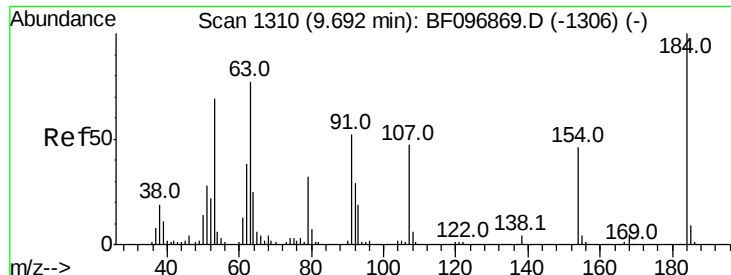
Acq: 19 Jul 2017 17:39

Tgt Ion:	138	Resp:	131837
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.1	13.7
92	105.9	93.8	140.6



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





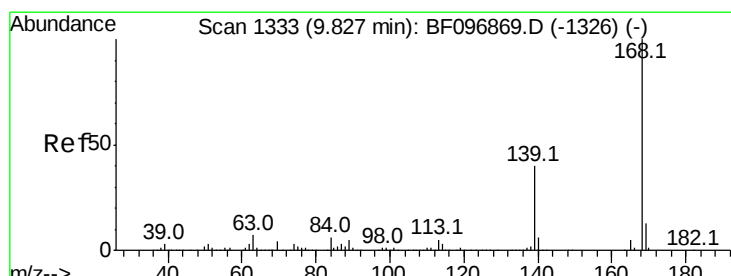
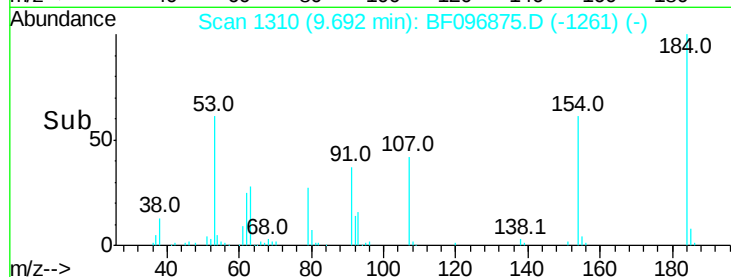
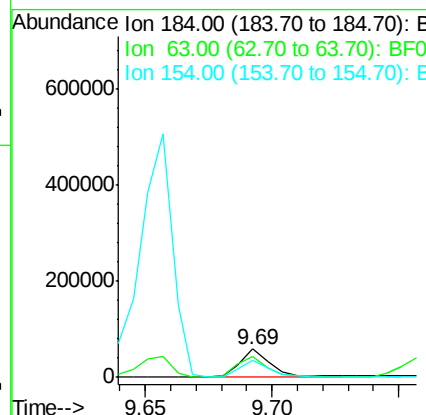
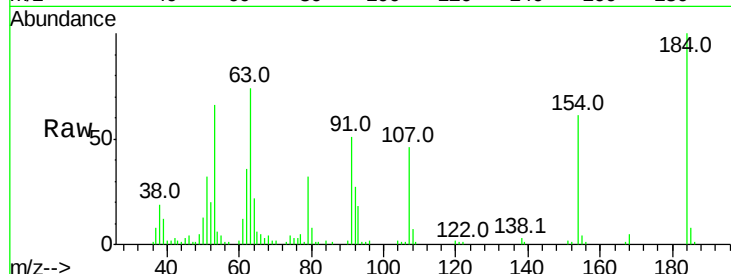
#53
 2,4-Dinitrophenol
 Concen: 36.576 ng
 RT: 9.69 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	74.1	62.7	94.1
154	61.3	81.1	121.7#

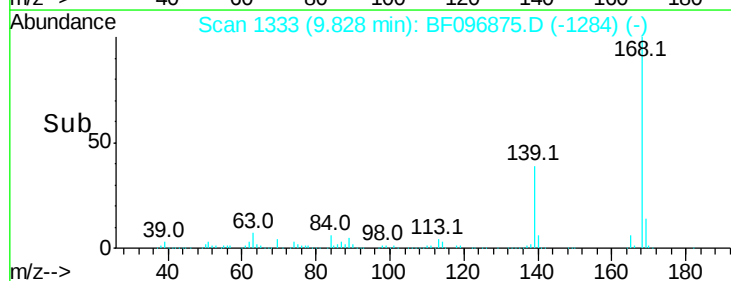
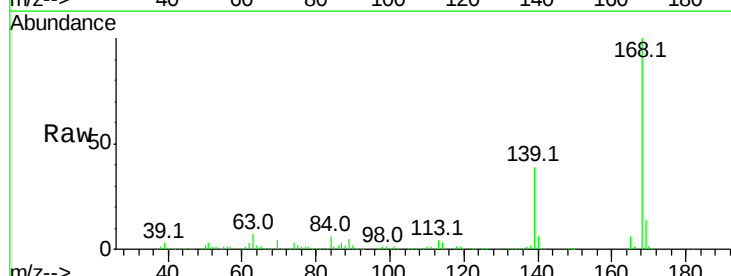
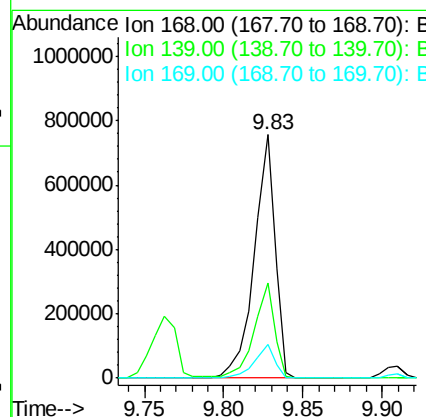
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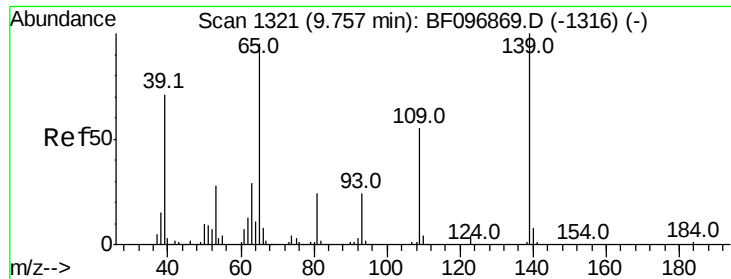
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#54
 Dibenzofuran
 Concen: 43.402 ng
 RT: 9.83 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	45.8
169	13.6	10.8	16.2





#55

4-Nitrophenol

Concen: 78.580 ng

RT: 9.76 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:139 Resp: 211697

Ion Ratio Lower Upper

139 100

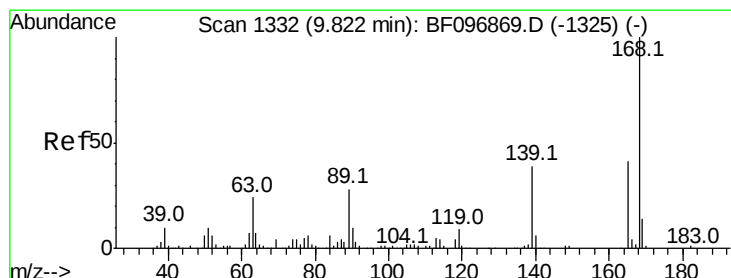
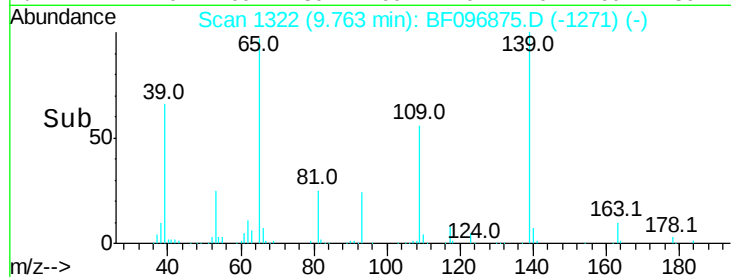
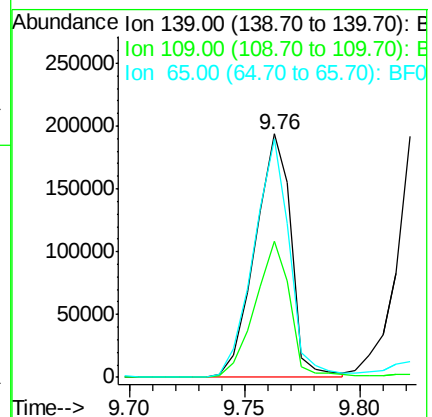
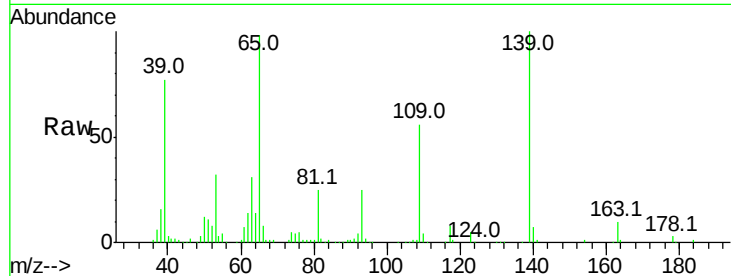
109 55.9 34.1 74.1

65 98.1 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 42.040 ng

RT: 9.82 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:165 Resp: 168158

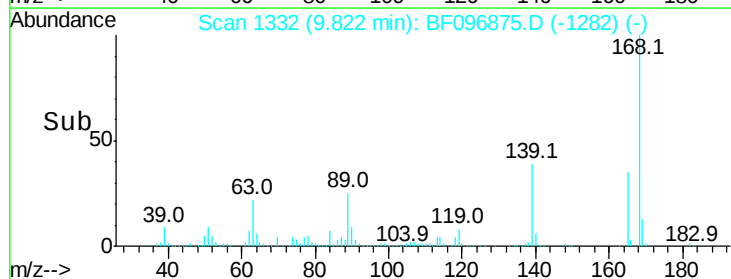
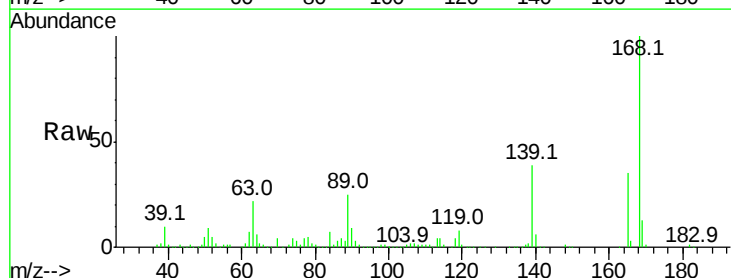
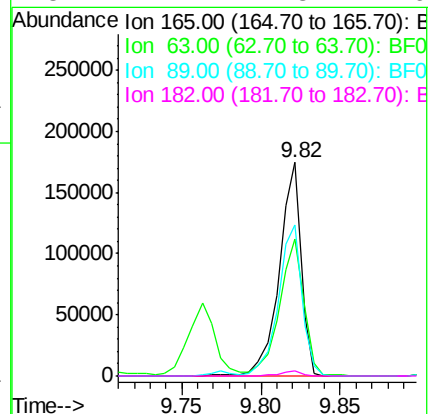
Ion Ratio Lower Upper

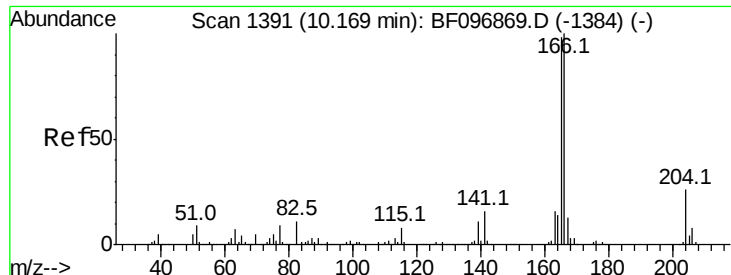
165 100

63 64.2 25.4 38.0#

89 70.6 46.4 69.6#

182 2.2 1.8 2.6





#57

Fluorene

Concen: 43.591 ng

RT: 10.17 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:166 Resp: 512119

Ion Ratio Lower Upper

166 100

165 99.8 78.8 118.2

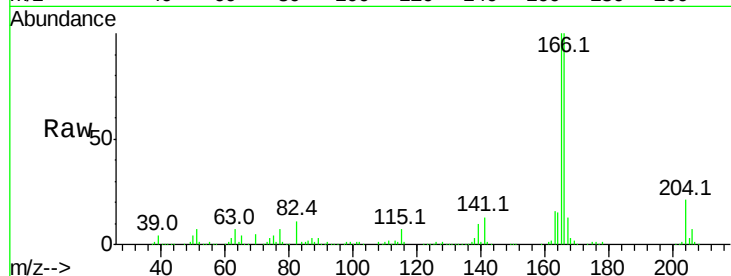
167 13.3 10.6 16.0

Manual Integrations

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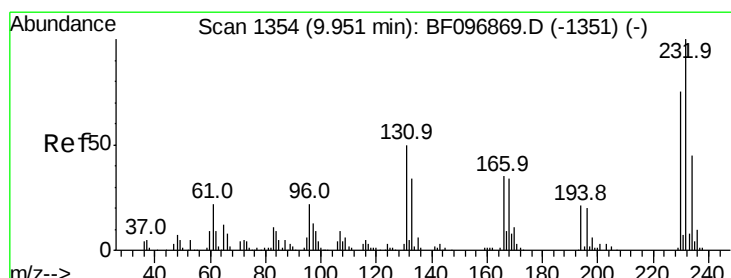
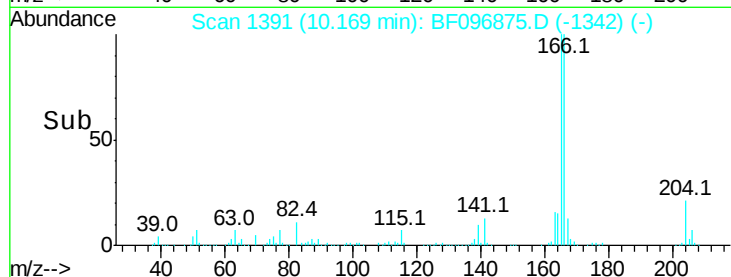
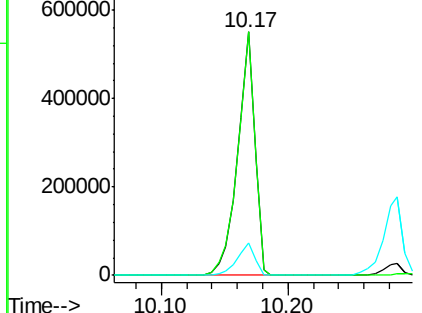
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.367 ng

RT: 9.95 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:232 Resp: 128748

Ion Ratio Lower Upper

232 100

131 53.1 44.8 67.2

130 2.4 2.3 3.5

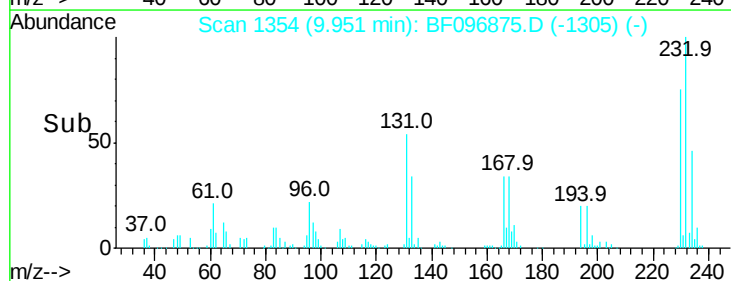
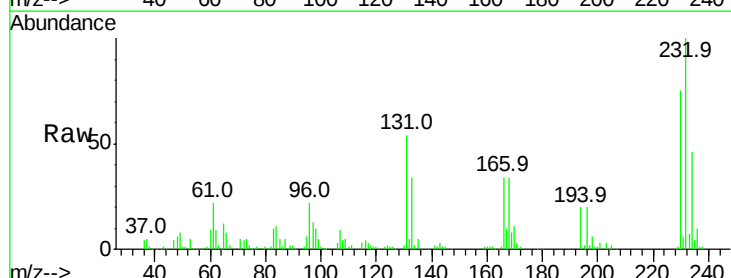
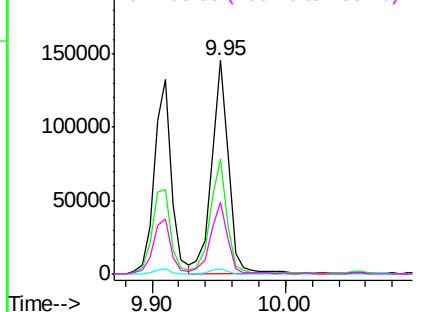
166 34.4 29.0 43.4

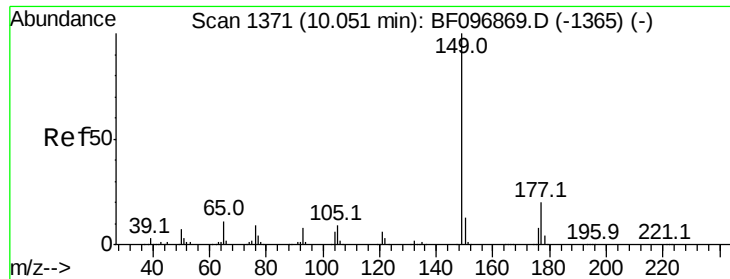
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





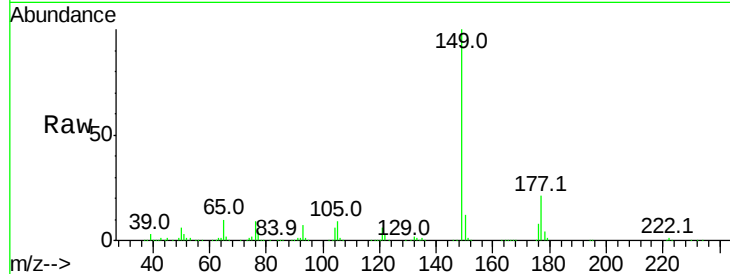
#59
Diethylphthalate
Concen: 41.389 ng
RT: 10.06 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

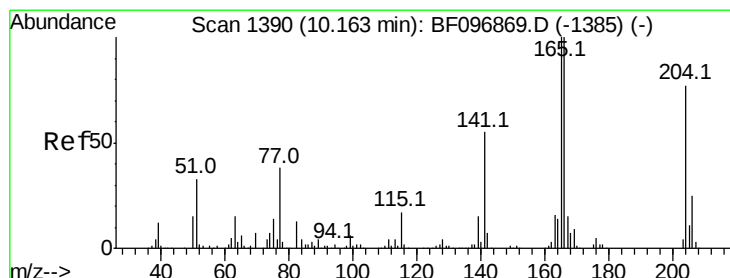
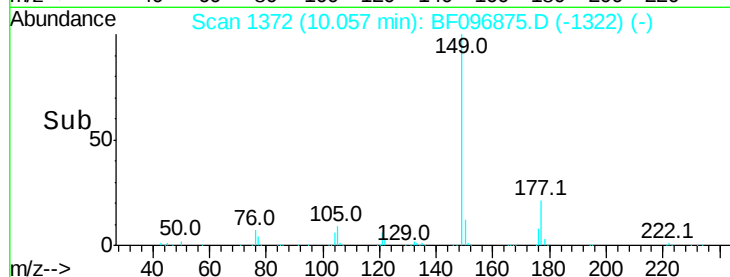
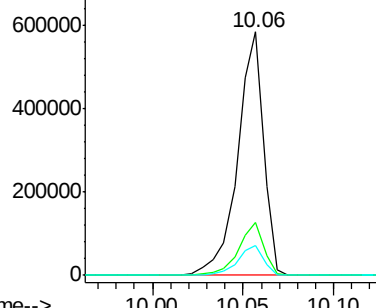
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.4	10.2	15.2

Manual Integrations
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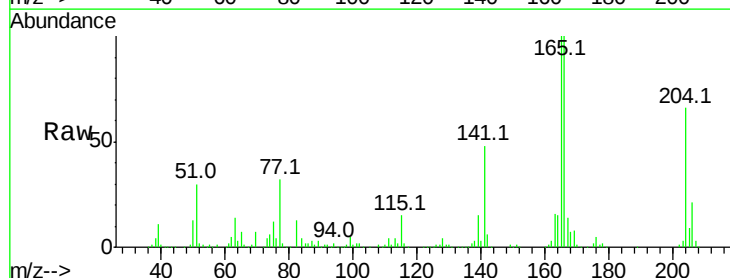


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

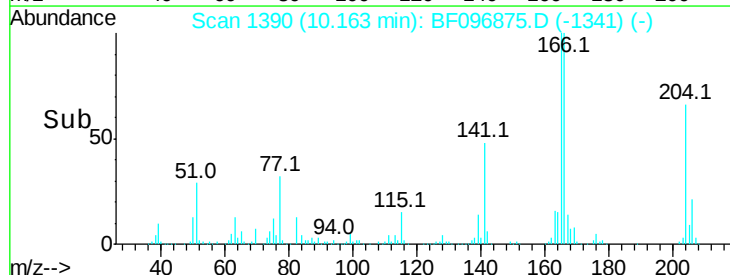
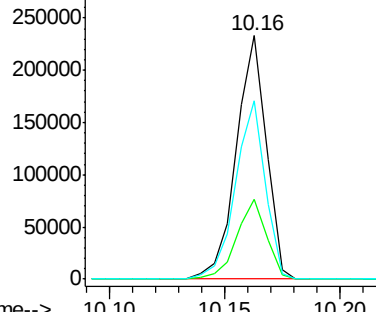


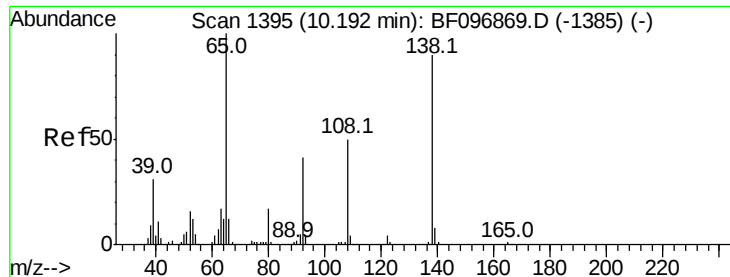
#60
4-Chlorophenyl-phenylether
Concen: 42.886 ng
RT: 10.16 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	73.2	60.8	91.2



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





#61

4-Nitroaniline

Concen: 46.465 ng

RT: 10.19 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:138 Resp: 160900

Ion Ratio Lower Upper

138 100

92 46.8 21.8 61.8

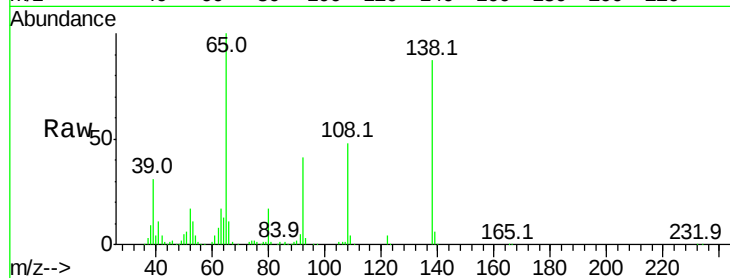
108 54.9 42.3 82.3

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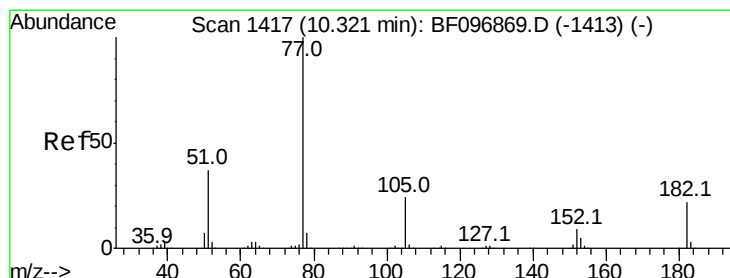
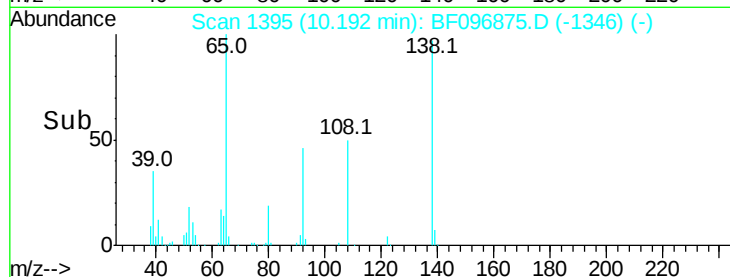
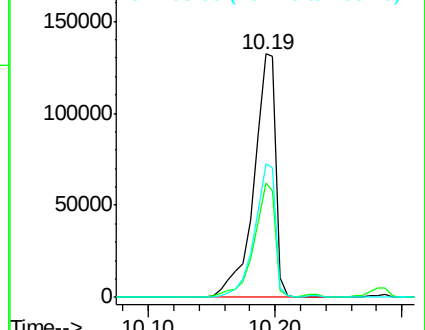
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.685 ng

RT: 10.32 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion: 77 Resp: 551507

Ion Ratio Lower Upper

77 100

182 22.0 0.1 40.1

105 23.5 3.6 43.6

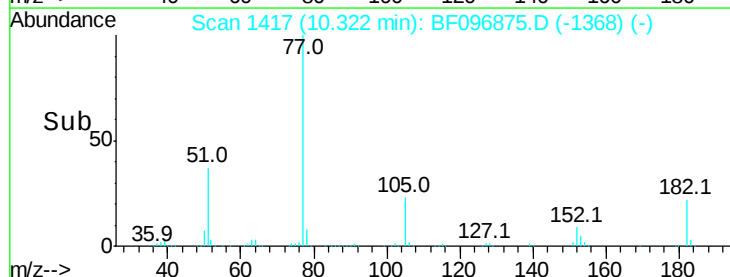
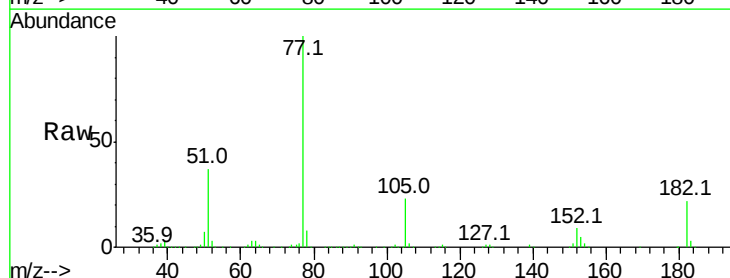
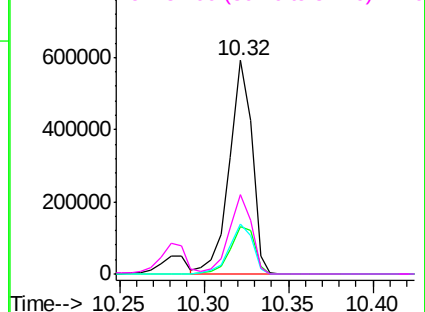
51 37.4 9.4 49.4

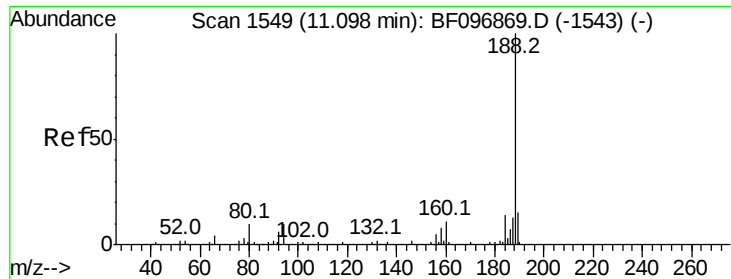
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





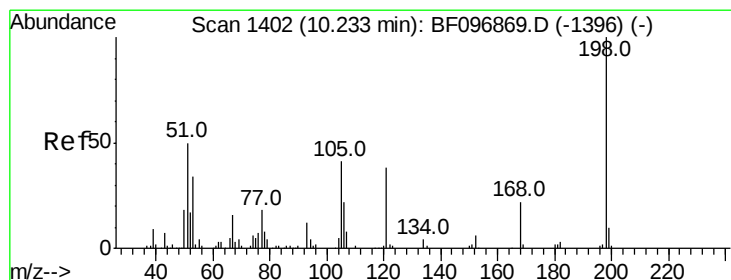
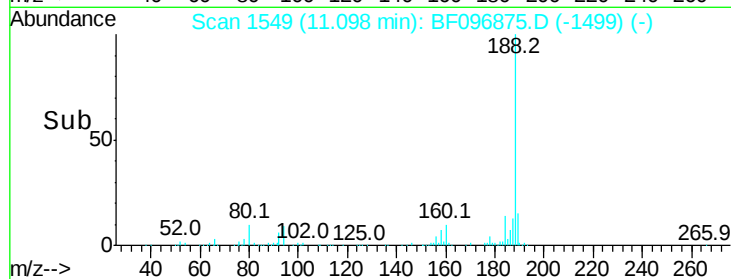
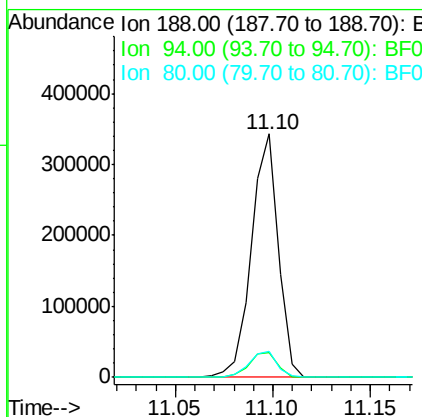
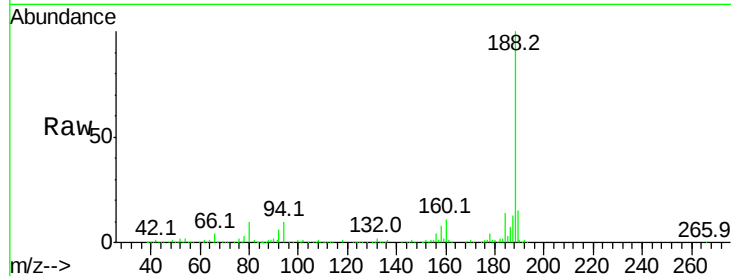
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	327159		
94	10.0		9.4	14.2
80	10.4		10.2	15.2

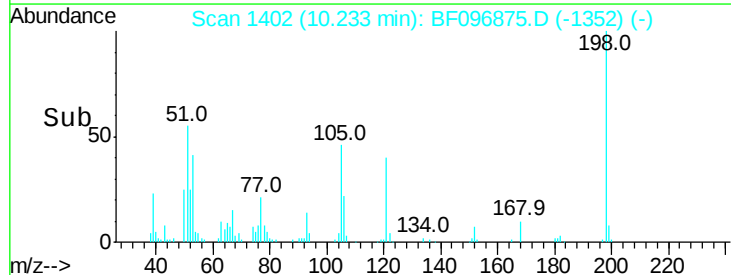
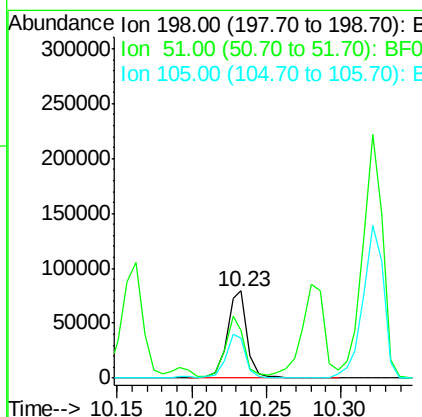
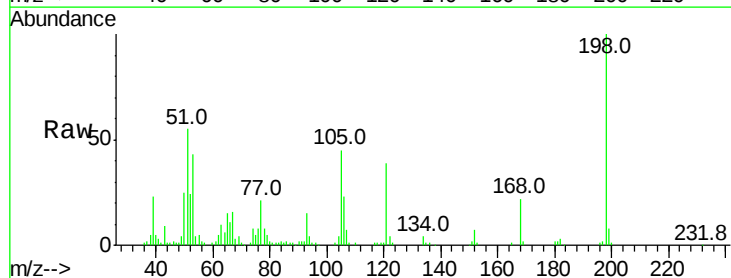
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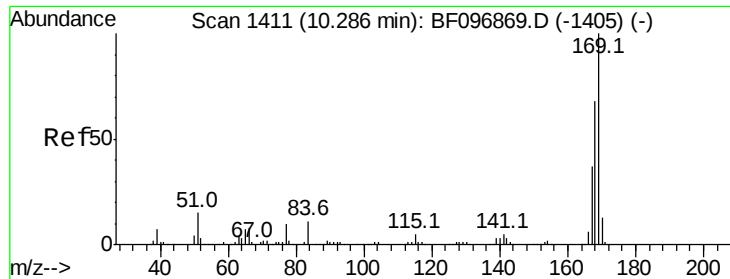
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.559 ng
RT: 10.23 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	75095		
51	55.2		53.2	93.2
105	45.3		45.8	85.8#





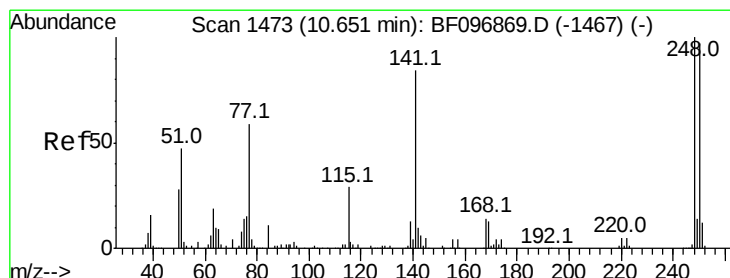
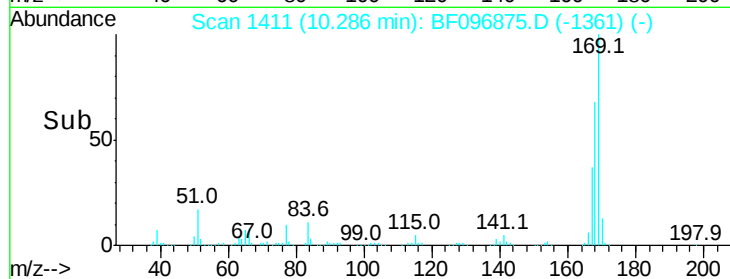
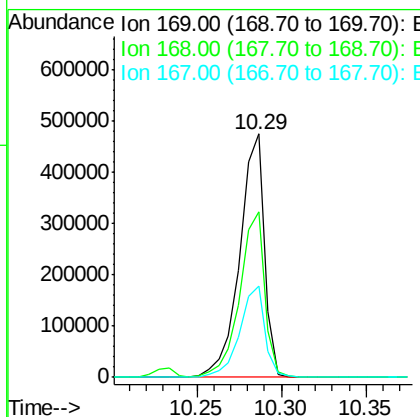
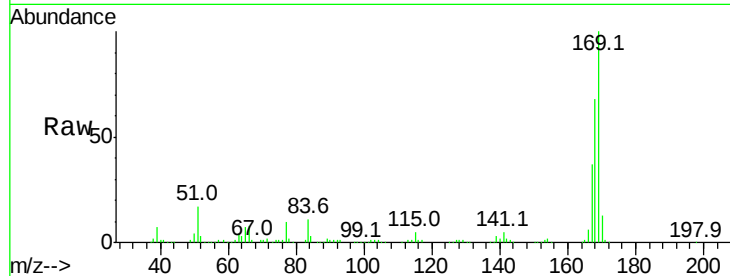
#65
 n-Nitrosodiphenylamine
 Concen: 41.639 ng
 RT: 10.29 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	486952		
168	68.2		53.2	79.8
167	37.2		29.5	44.3

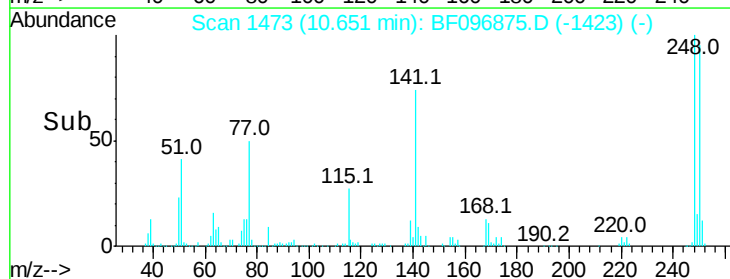
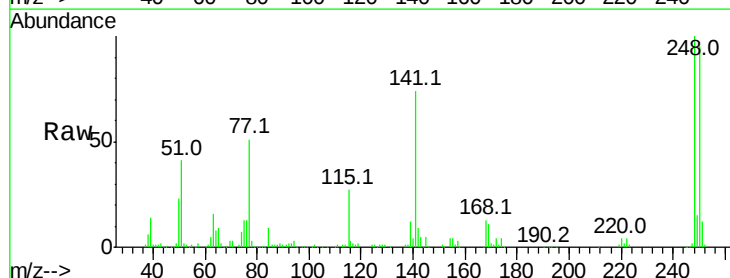
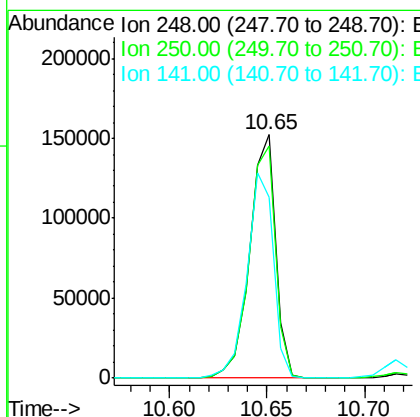
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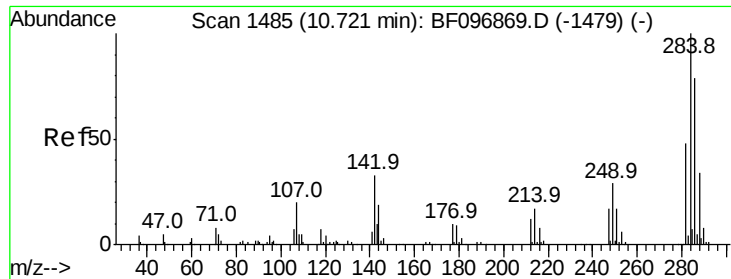
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#66
 4-Bromophenyl-phenylether
 Concen: 41.960 ng
 RT: 10.65 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140154		
250	95.1		76.8	115.2
141	74.3		68.6	103.0





#67

Hexachlorobenzene

Concen: 40.141 ng

RT: 10.72 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

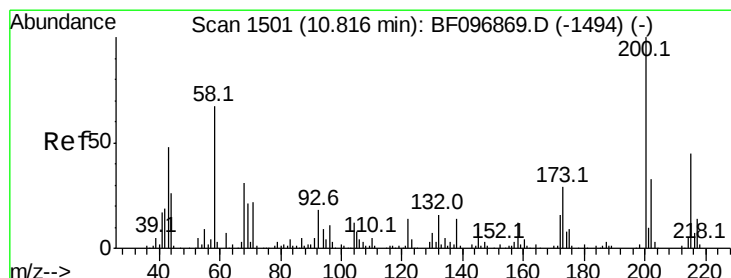
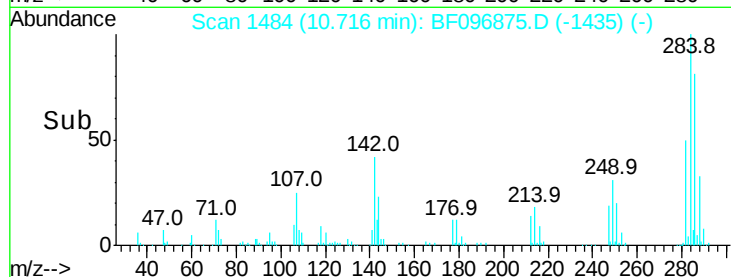
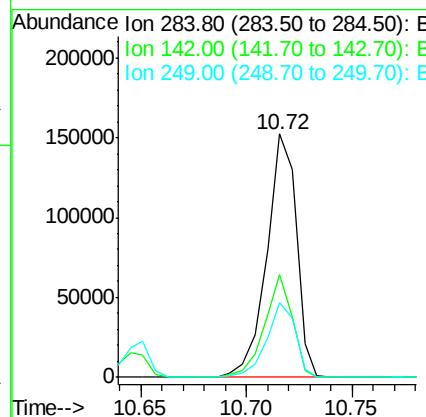
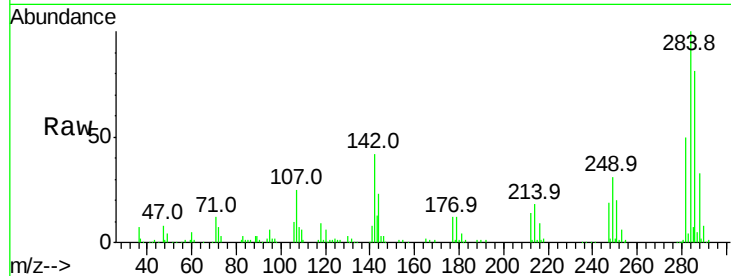
HDD-P1LWC2MSD

Tot Ion:	284	Resp:	149331
Ion Ratio		Lower	Upper
284	100		
142	42.5	22.8	34.2#
249	30.6	24.0	36.0

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#68

Atrazine

Concen: 41.191 ng

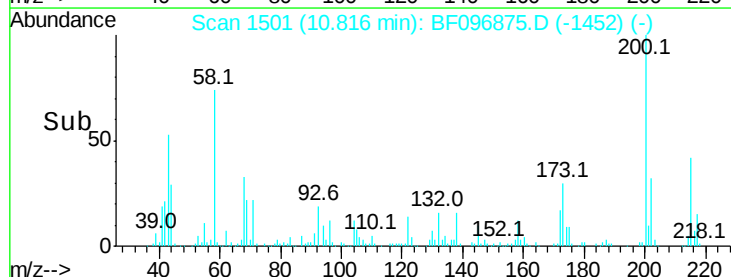
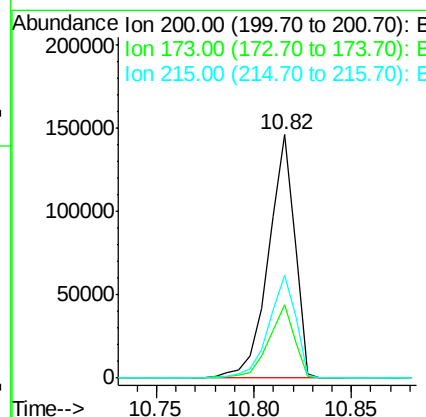
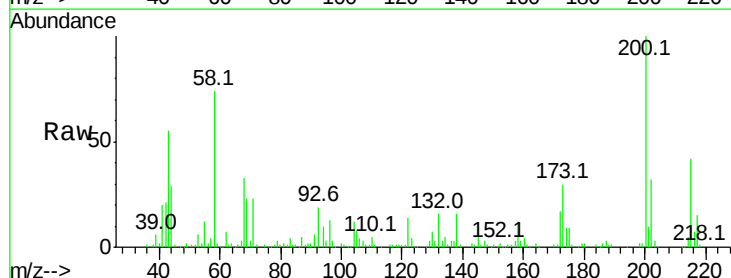
RT: 10.82 min Scan# 1501

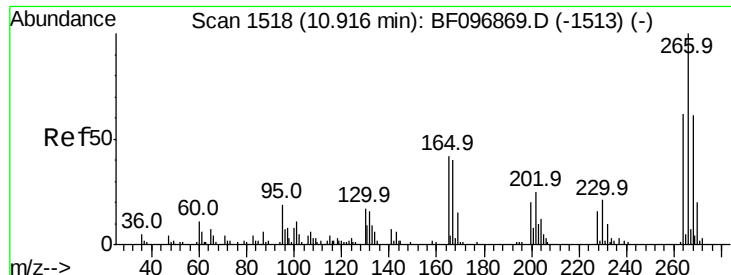
Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:	200	Resp:	137241
Ion Ratio		Lower	Upper
200	100		
173	30.0	6.3	46.3
215	42.4	27.2	67.2





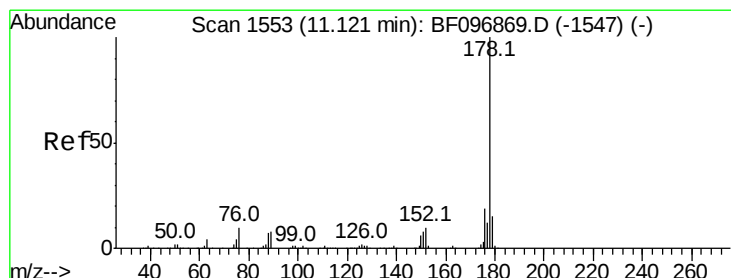
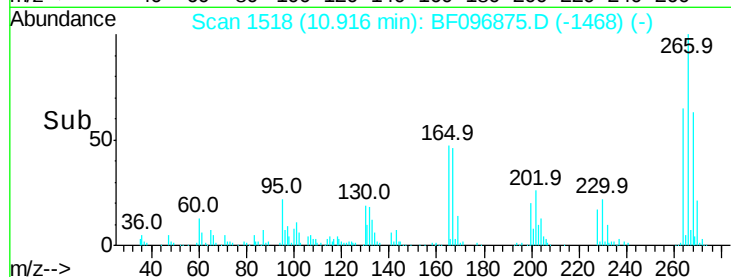
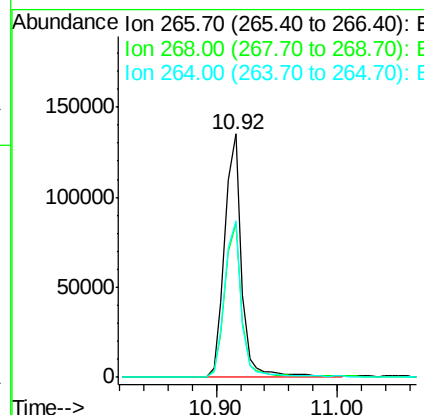
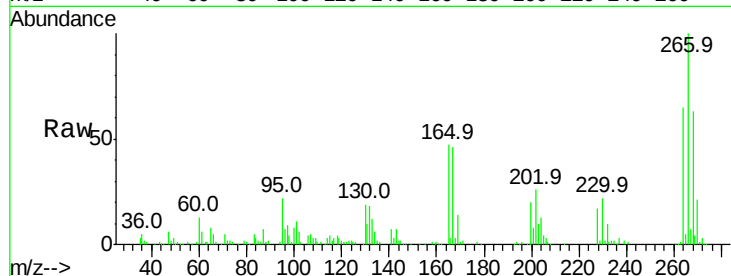
#69
 Pentachlorophenol
 Concen: 73.231 ng
 RT: 10.92 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	131610		
268	63.1	51.1	76.7	
264	64.5	51.7	77.5	

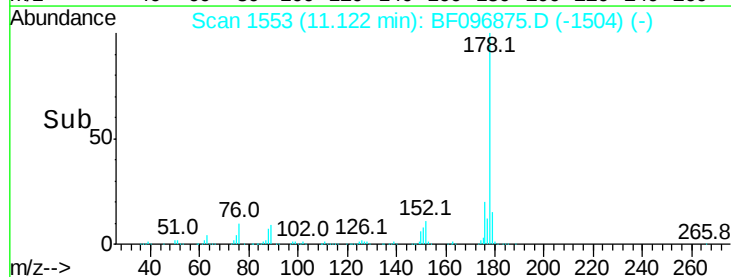
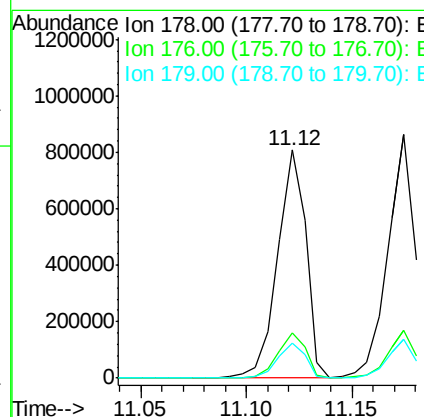
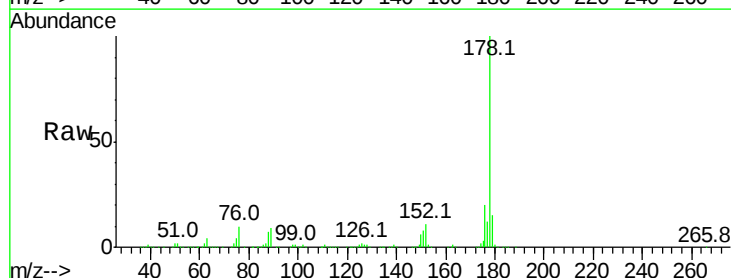
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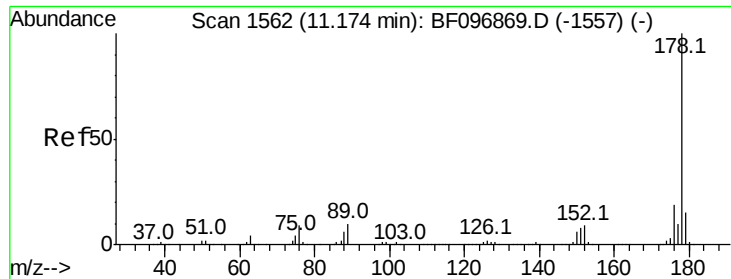
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#70
 Phenanthrene
 Concen: 42.568 ng
 RT: 11.12 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	757231		
176	20.0	16.2	24.4	
179	15.2	12.6	19.0	





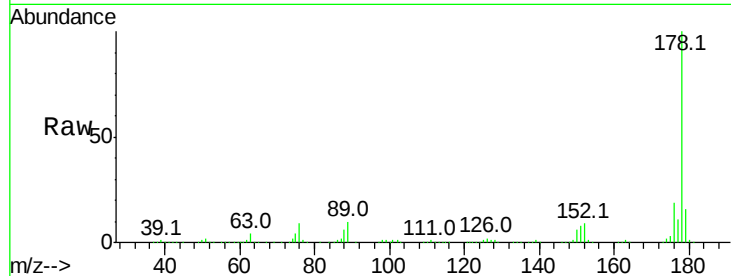
#71
 Anthracene
 Concen: 42.675 ng
 RT: 11.17 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

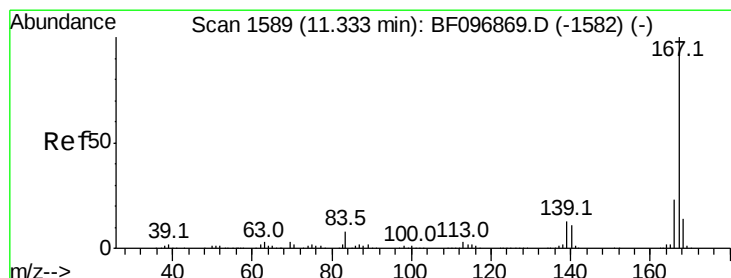
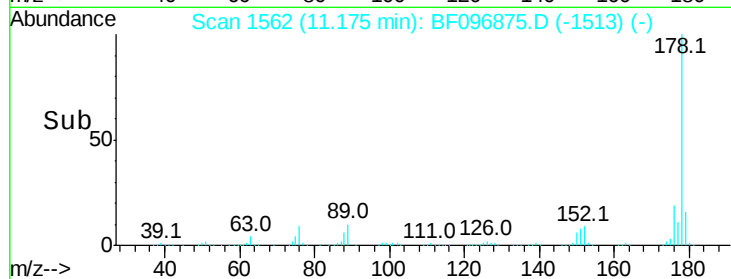
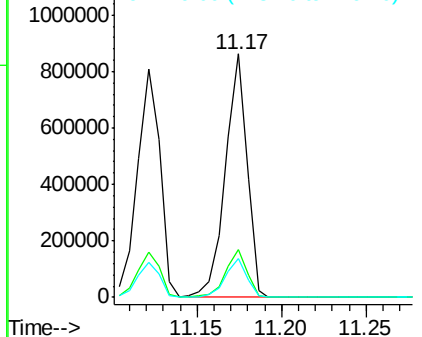
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.8	12.7	19.1

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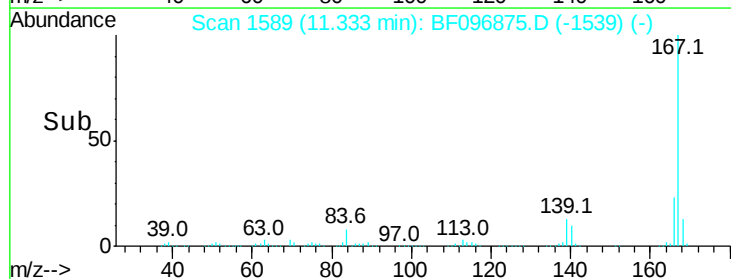
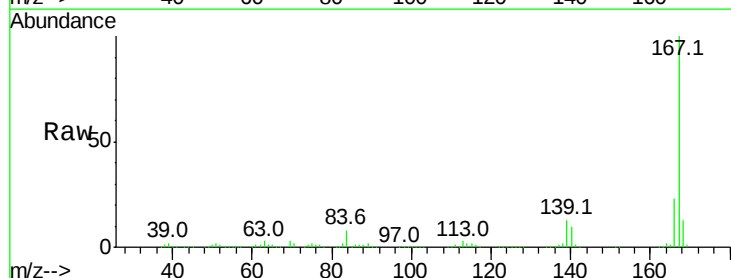
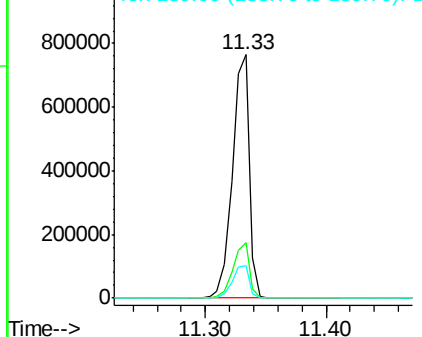
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

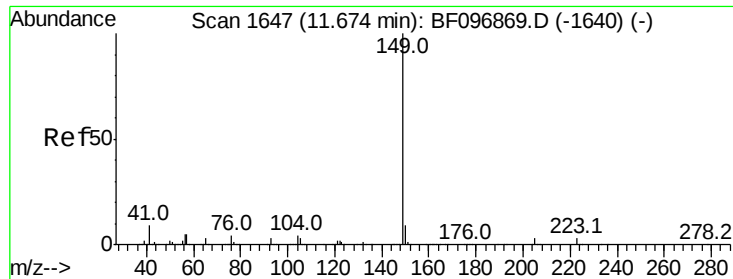


#72
 Carbazole
 Concen: 42.917 ng
 RT: 11.33 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	13.3	11.7	17.5

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





#73

Di-n-butylphthalate

Concen: 40.617 ng

RT: 11.67 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

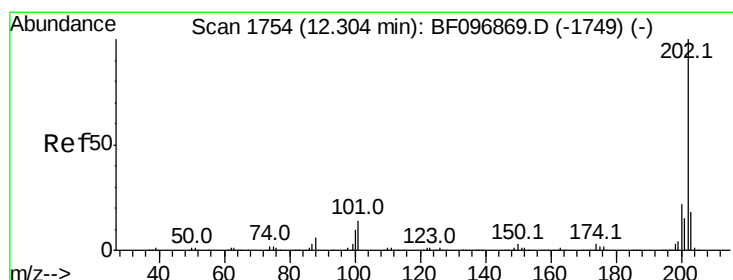
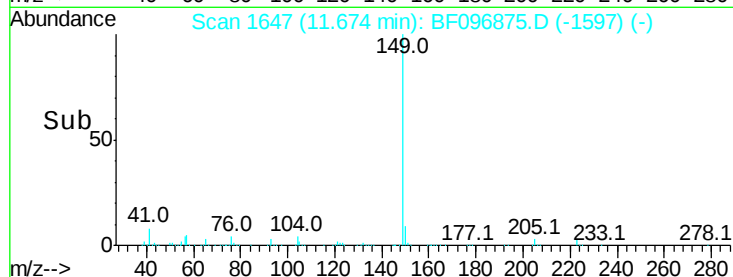
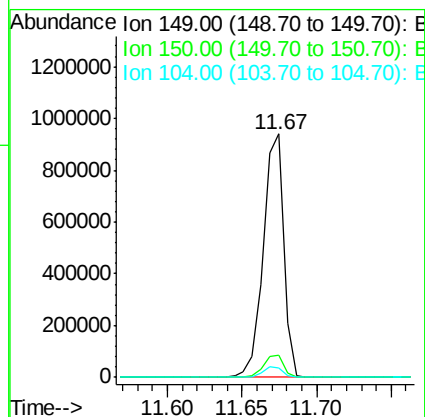
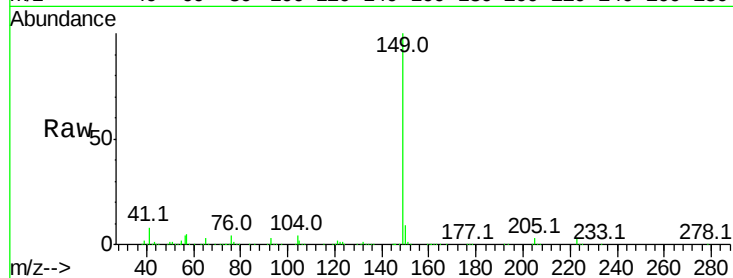
ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:	149	Resp:	881027
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	4.0	4.0	6.0

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#74

Fluoranthene

Concen: 43.935 ng

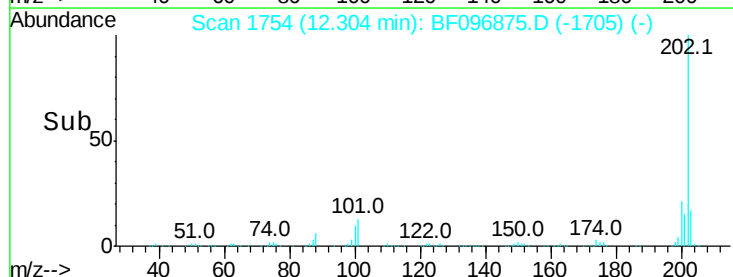
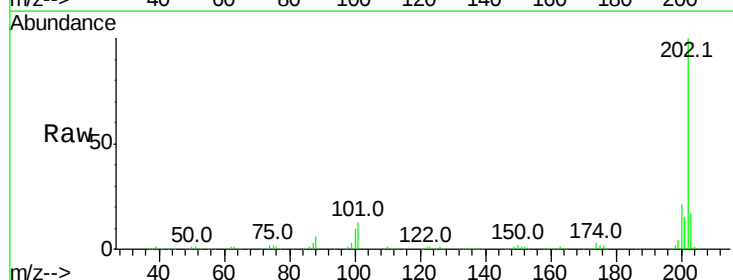
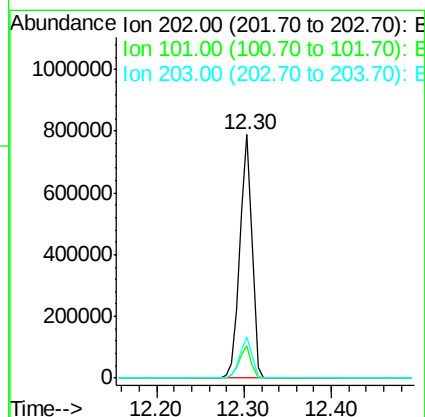
RT: 12.30 min Scan# 1754

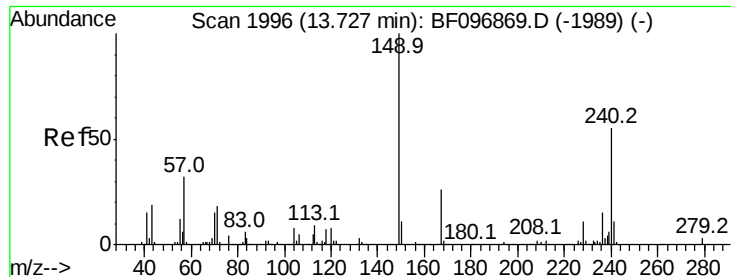
Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:	202	Resp:	748075
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.2
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:240 Resp: 198773

Ion Ratio Lower Upper

240 100

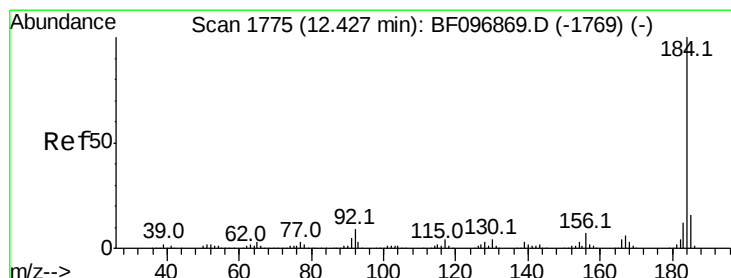
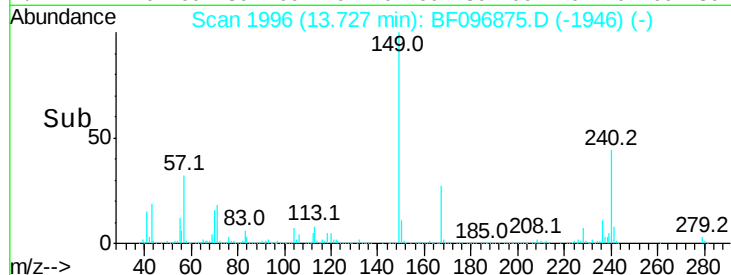
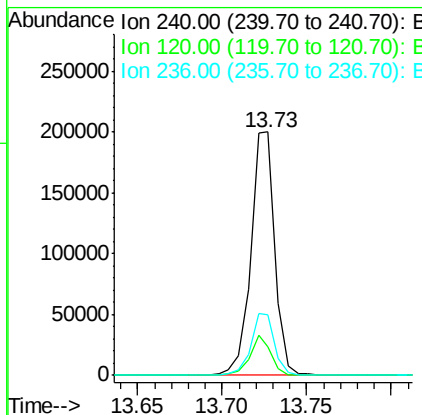
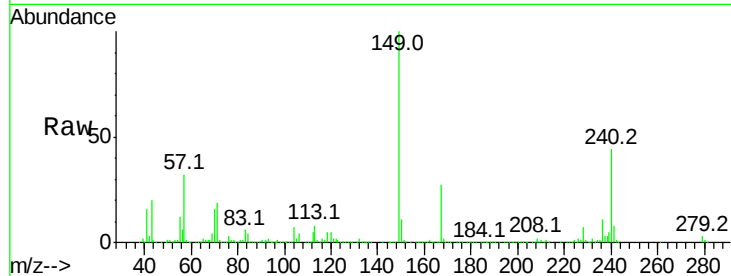
120 12.0 5.8 8.8#

236 24.6 20.5 30.7

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#76

Benzidine

Concen: 56.297 ng

RT: 12.43 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

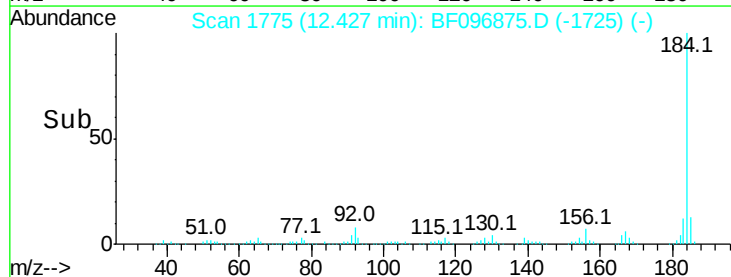
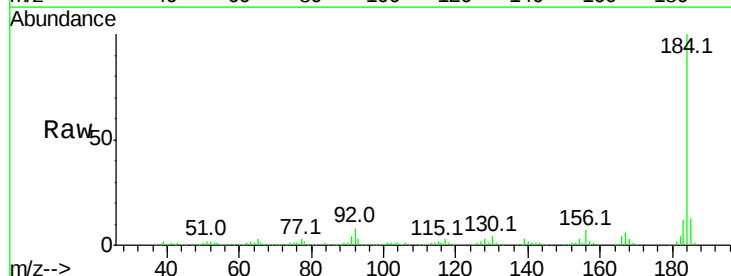
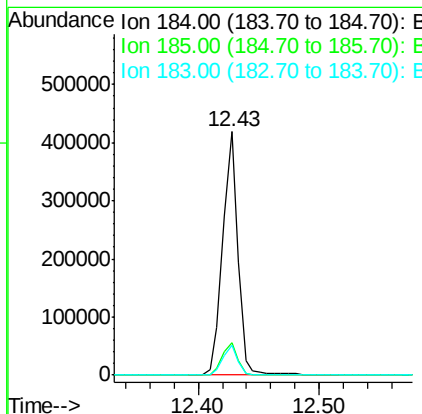
Tgt Ion:184 Resp: 366601

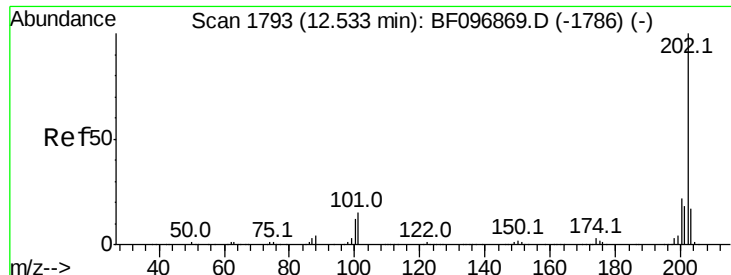
Ion Ratio Lower Upper

184 100

185 13.2 15.5 23.3#

183 12.4 9.8 14.6





#77

Pvrene

Concen: 41.920 ng

RT: 12.53 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

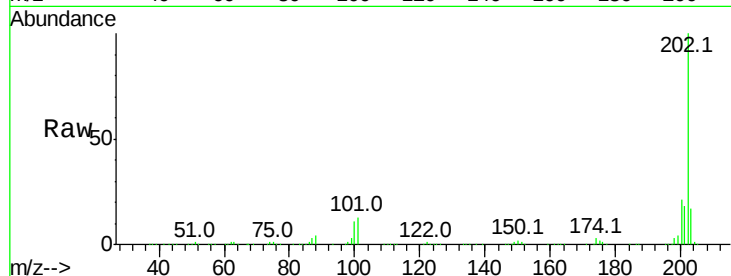
ClientSampleId :

HDD-P1LWC2MSD

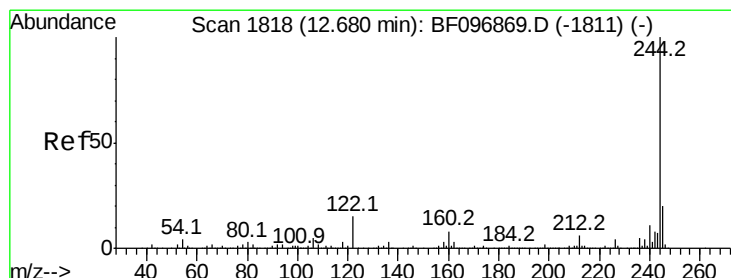
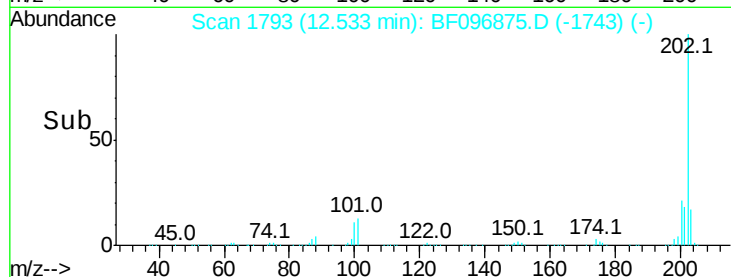
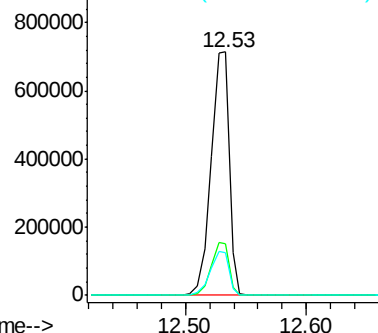
Tot Ion:	202	Resp:	756229
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.6	26.4
203	17.3	14.4	21.6

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



#78

Terphenyl-d14

Concen: 67.324 ng

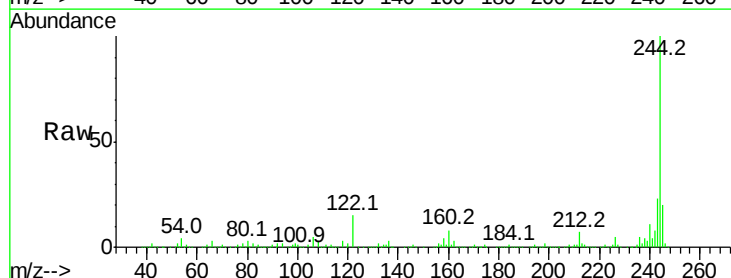
RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

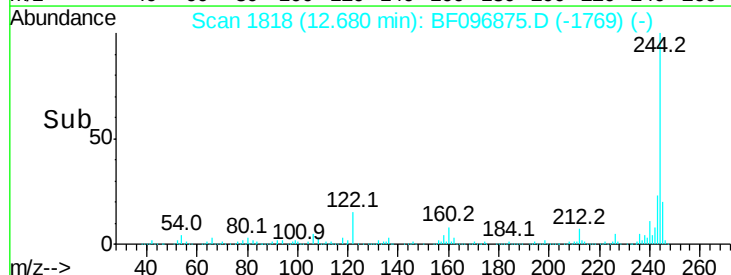
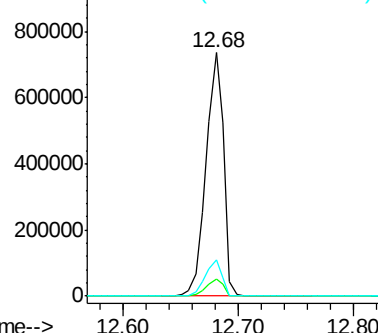
Lab File: BF096875.D

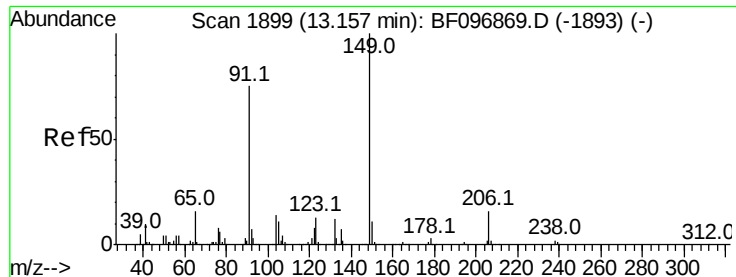
Acq: 19 Jul 2017 17:39

Tgt Ion:	244	Resp:	771632
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	14.7	10.3	15.5



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





#79

Butylbenzylphthalate

Concen: 41.936 ng

RT: 13.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:149 Resp: 359445

Ion Ratio Lower Upper

149 100

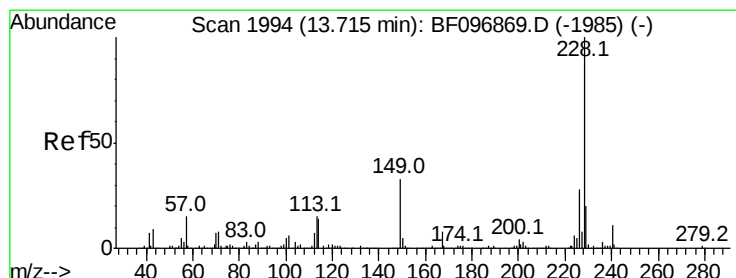
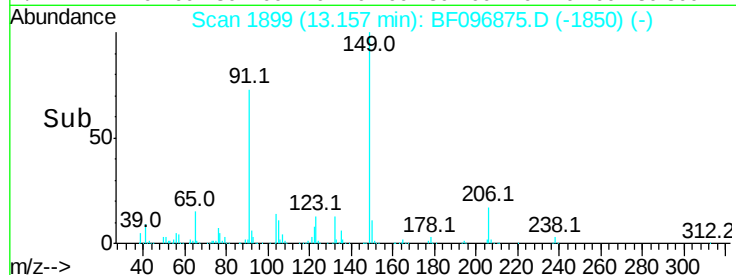
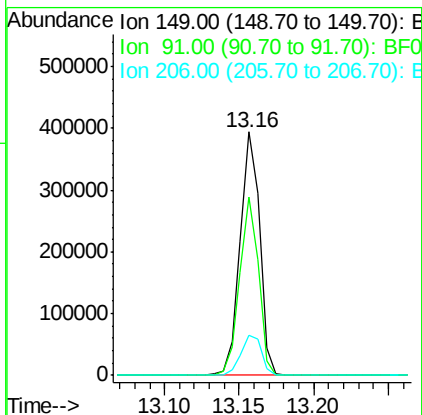
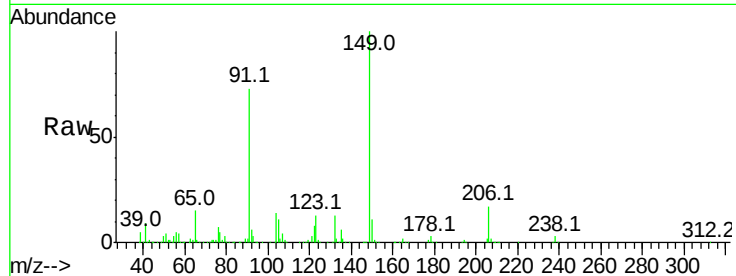
91 73.1 45.0 67.4#

206 16.7 17.0 25.6#

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#80

Benzo(a)anthracene

Concen: 42.688 ng

RT: 13.72 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

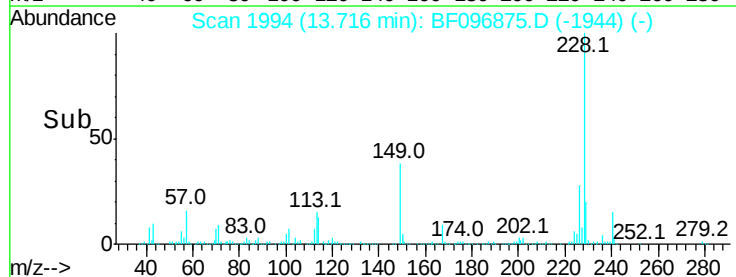
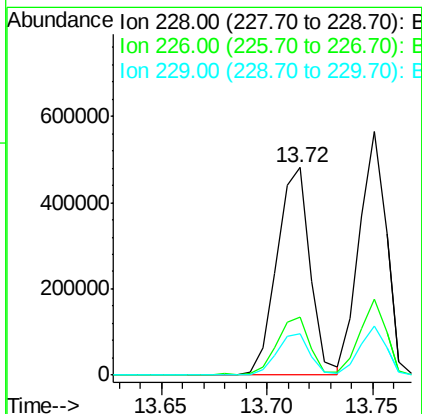
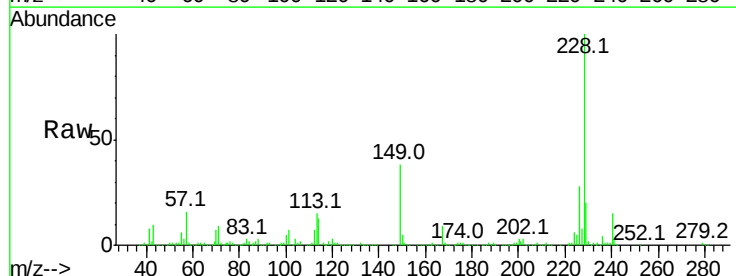
Tgt Ion:228 Resp: 528690

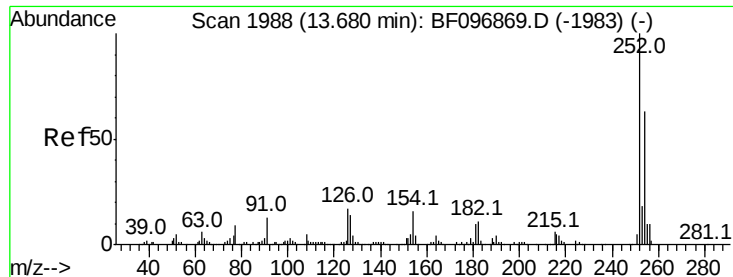
Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

229 19.8 16.3 24.5





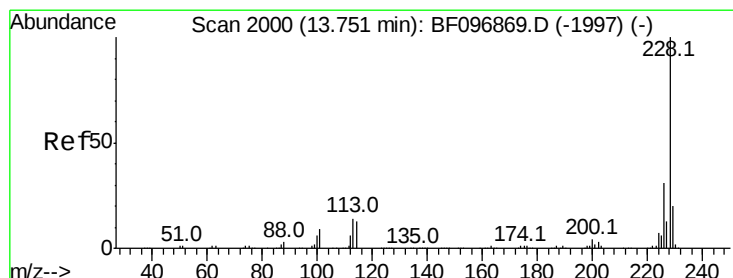
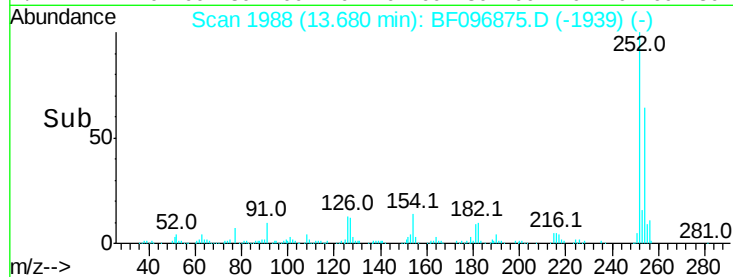
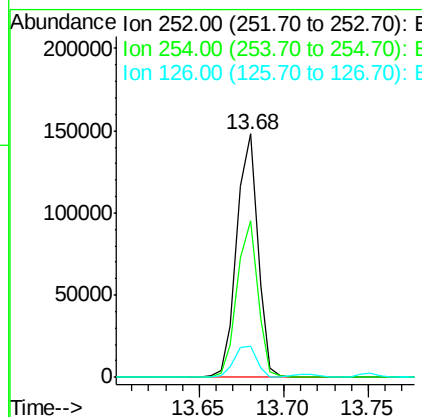
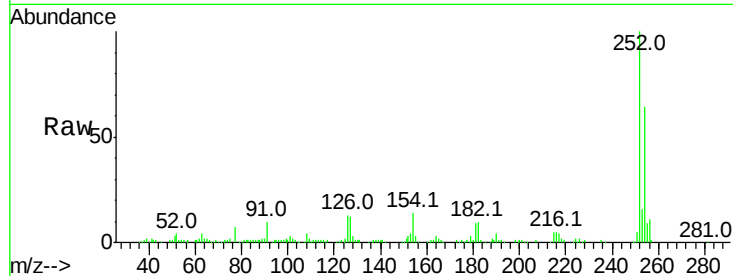
#81
 3,3'-Dichlorobenzidine
 Concen: 28.867 ng
 RT: 13.68 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	51.5	77.3
126	12.8	15.8	23.8

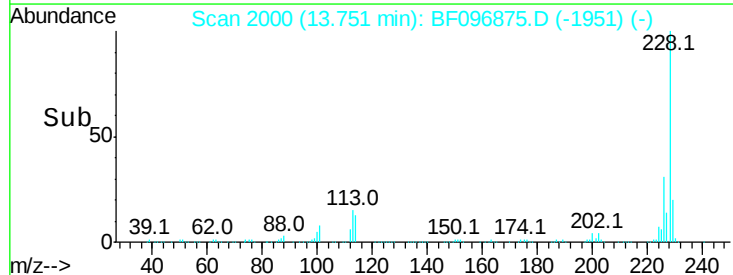
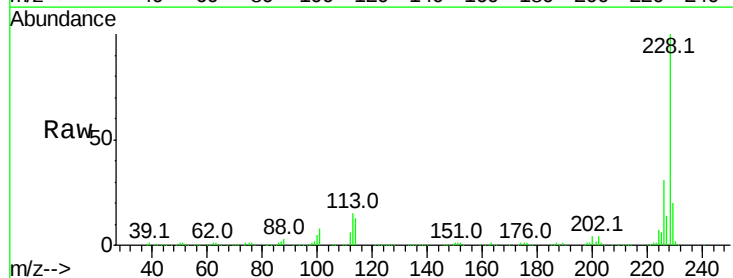
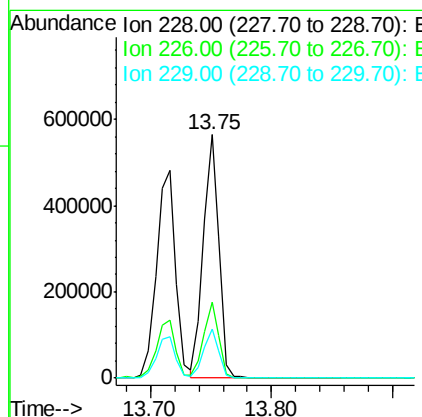
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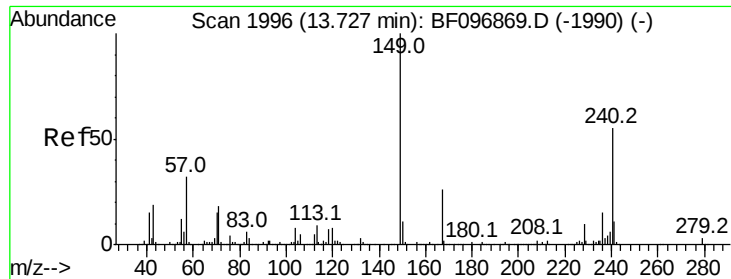
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#82
 Chrysene
 Concen: 41.770 ng
 RT: 13.75 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.571 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:149 Resp: 444360

Ion Ratio Lower Upper

149 100

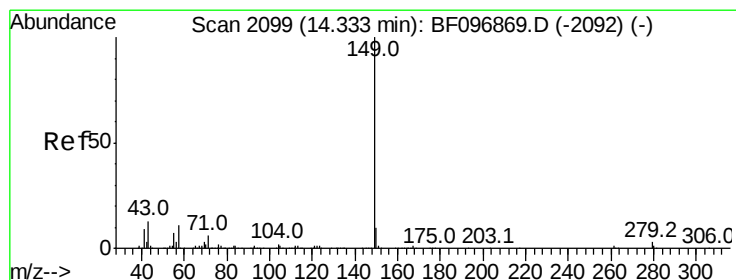
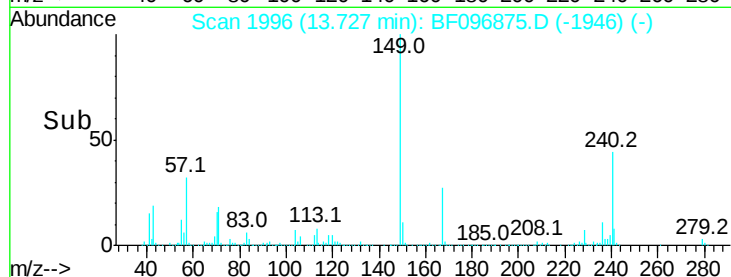
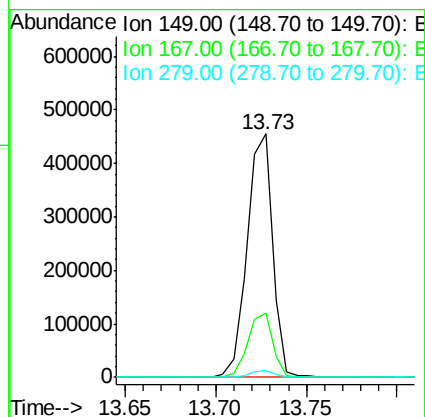
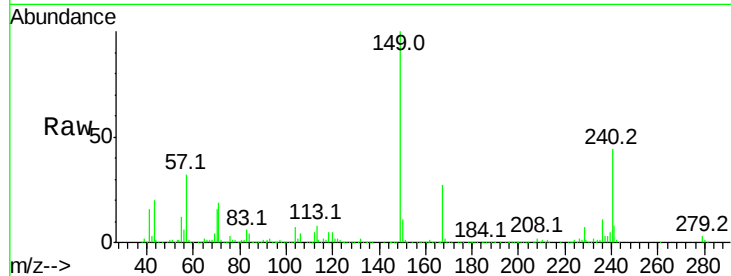
167 26.6 21.0 31.4

279 3.0 1.9 2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.960 ng

RT: 14.33 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

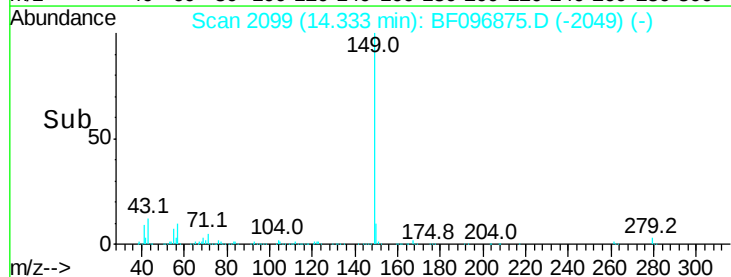
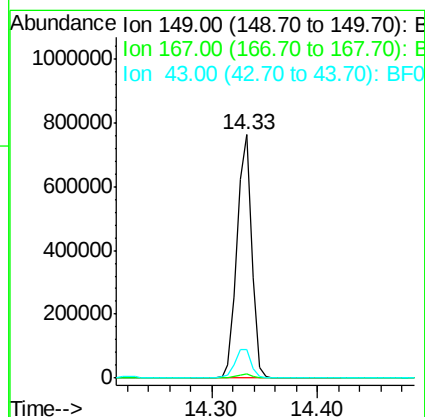
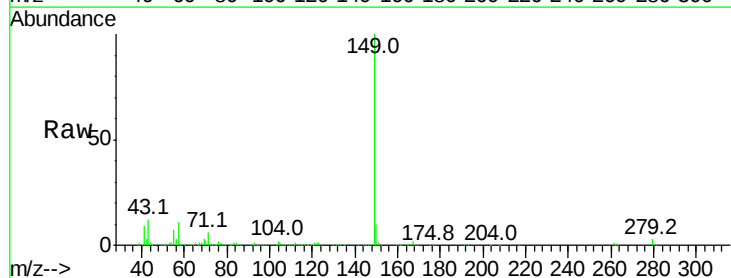
Tgt Ion:149 Resp: 723993

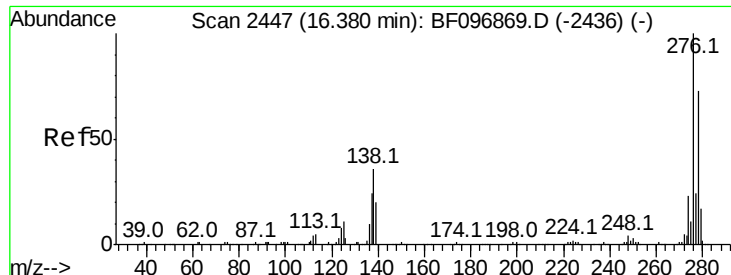
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.8 8.5 12.7#





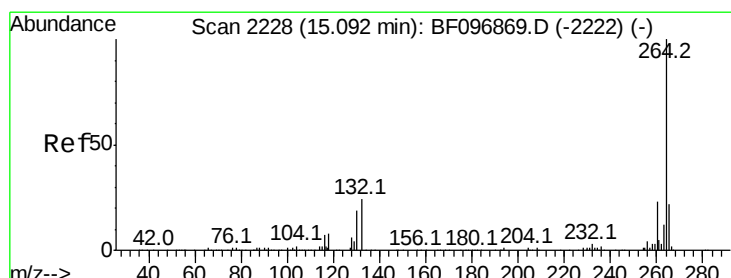
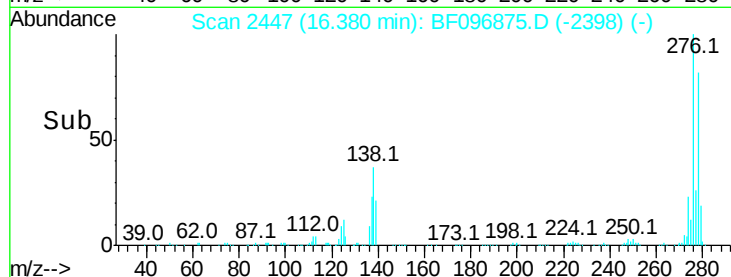
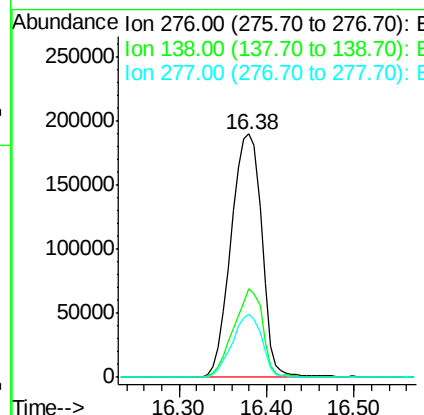
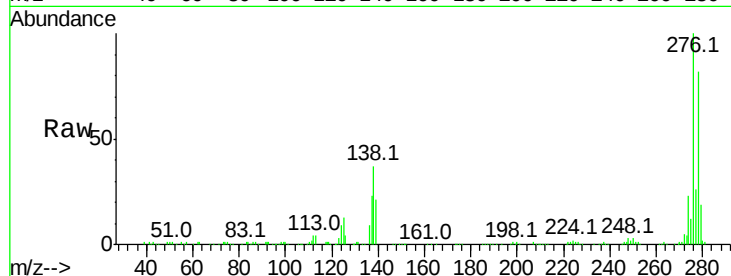
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.939 ng
 RT: 16.38 min Scan# 2447
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.1	20.2	30.4

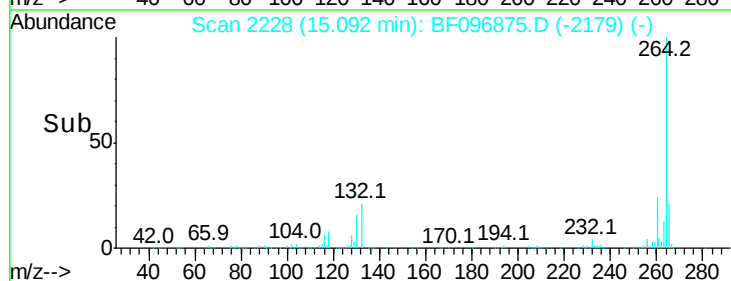
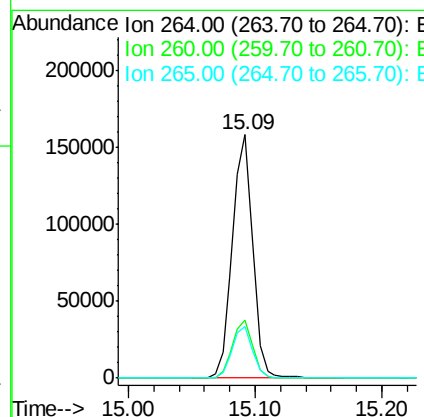
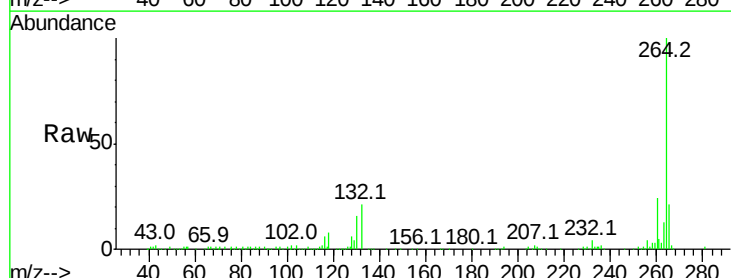
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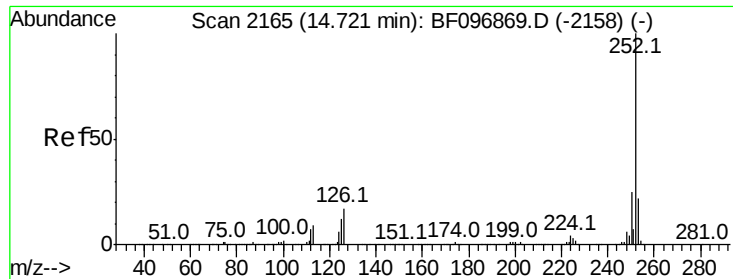
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.076 ng

RT: 14.72 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Instrument :

BNA_F

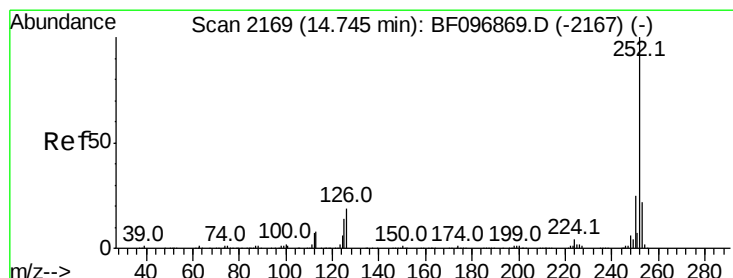
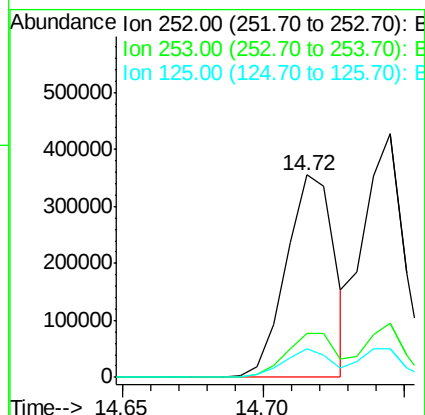
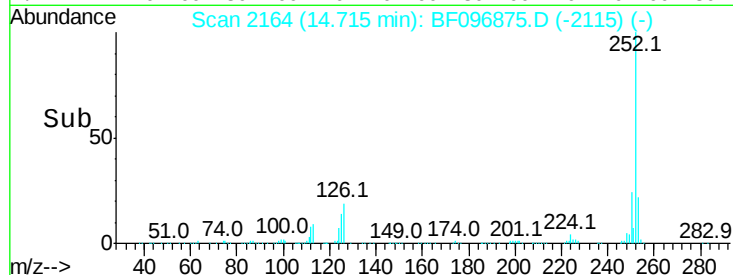
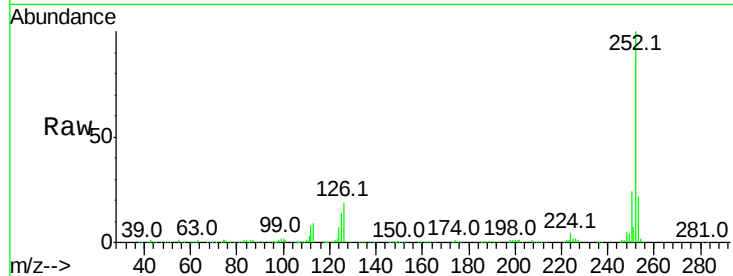
ClientSampleId :

HDD-P1LWC2MSD

Tot Ion:	252	Resp:	423299
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	14.1	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.231 ng m

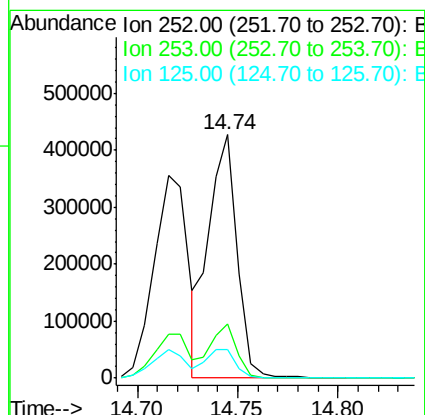
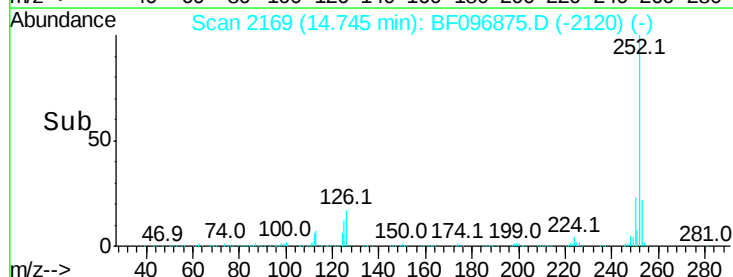
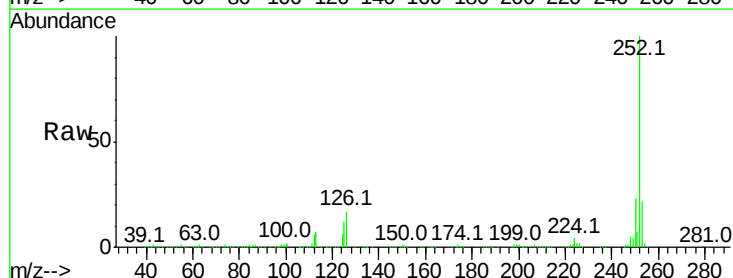
RT: 14.74 min Scan# 2169

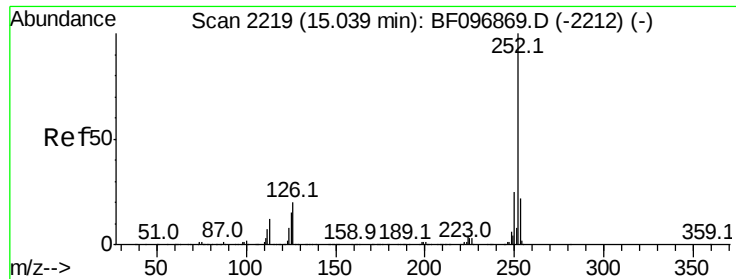
Delta R.T. -0.01 min

Lab File: BF096875.D

Acq: 19 Jul 2017 17:39

Tgt Ion:	252	Resp:	422387
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.4	27.6
125	11.7	13.1	19.7#





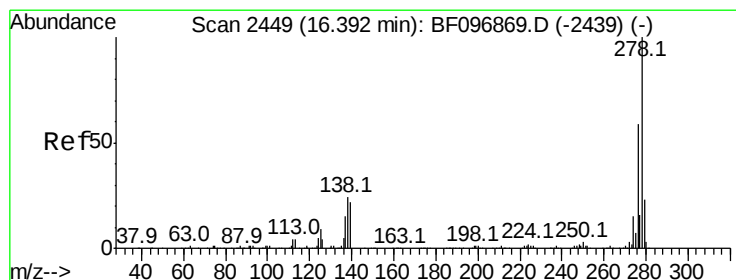
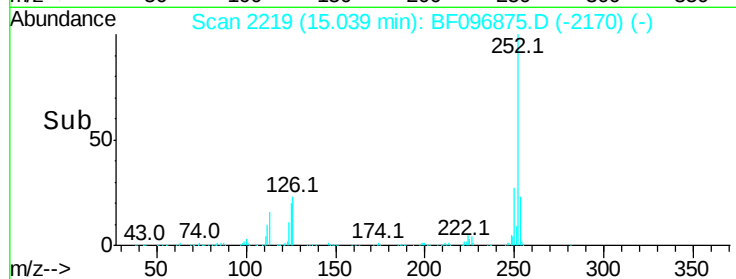
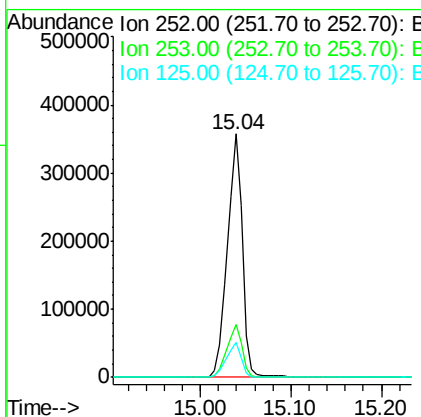
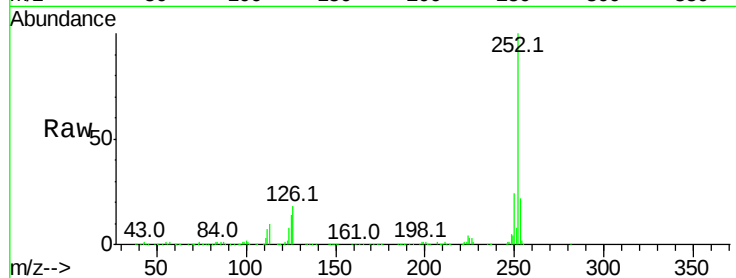
#89
Benzo(a)pyrene
Concen: 42.600 ng
RT: 15.04 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Instrument :
BNA_F
ClientSampleId :
HDD-P1LWC2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.3	11.0	16.4

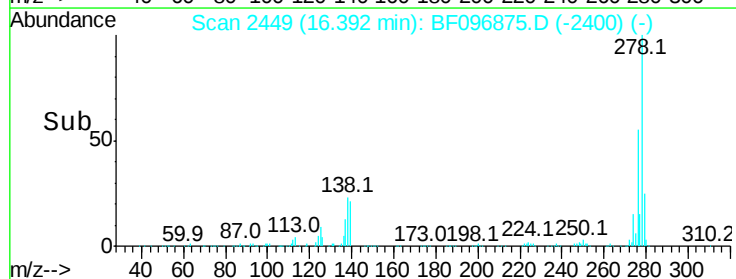
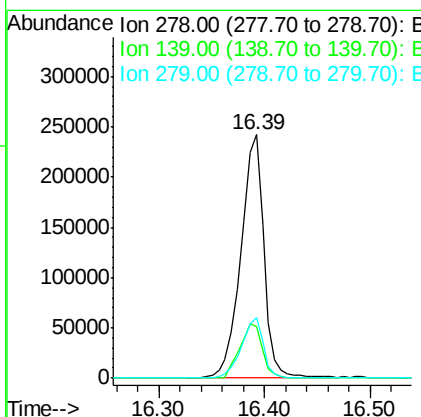
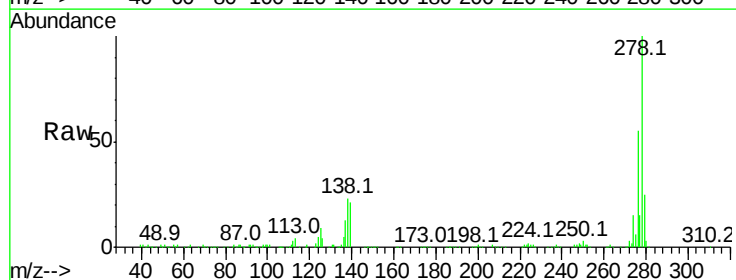
Manual Integrations
APPROVED

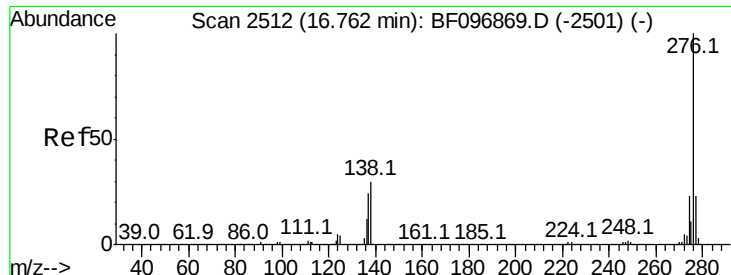
Sohil
7/20/2017 3:04:25 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.155 ng
RT: 16.39 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BF096875.D
Acq: 19 Jul 2017 17:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	16.6	24.8
279	24.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 41.094 ng
 RT: 16.76 min Scan# 2512
 Delta R.T. -0.02 min
 Lab File: BF096875.D
 Acq: 19 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 HDD-P1LWC2MSD

Tot Ion:	276	Resp:	392264
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	28.0
138	29.7	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 7/20/2017 3:04:25 PM

