

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096845.D
 Acq On : 18 Jul 2017 13:58
 Operator : SJ/JU
 Sample : I4223-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Manual Integrations
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 7/19/2017 2:31:14 PM

Quant Time: Jul 18 16:59:20 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	6.60	152	119911	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	523697	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	262187	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	447713	20.00	ng	0.00
75) Chrysene-d12	13.73	240	216314	20.00	ng	0.00
86) Perylene-d12	15.10	264	206784	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	928248	116.39	ng	0.02
7) Phenol-d6	6.26	99	1128698	117.94	ng	0.01
23) Nitrobenzene-d5	7.17	82	701264	82.94	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	245776	109.82	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1314144	79.19	ng	0.00
78) Terphenyl-d14	12.69	244	1000392	80.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	130651	31.838	ng	# 73
3) Pyridine	2.92	79	333379	38.657	ng	# 61
4) n-Nitrosodimethylamine	2.86	42	211992	43.956	ng	# 81
6) Aniline	6.27	93	362830	30.778	ng	# 33
8) 2-Chlorophenol	6.39	128	355436	41.313	ng	# 96
9) Benzaldehyde	6.15	77	157966	28.558	ng	# 97
10) Phenol	6.27	94	427293	39.496	ng	# 87
11) bis(2-Chloroethyl)ether	6.35	93	348662	42.856	ng	# 92
12) 1,3-Dichlorobenzene	6.54	146	379899	41.541	ng	# 96
13) 1,4-Dichlorobenzene	6.62	146	380469	41.081	ng	# 95
14) 1,2-Dichlorobenzene	6.77	146	343314	40.755	ng	# 95
15) Benzyl Alcohol	6.75	79	274670	43.838	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	699837	41.682	ng	# 94
17) 2-Methylphenol	6.88	107	286469	42.819	ng	# 90
18) Hexachloroethane	7.11	117	135924	41.389	ng	# 82
19) n-Nitroso-di-n-propylamine	7.03	70	244034	42.325	ng	# 87
20) 3+4-Methylphenols	7.03	107	358759	44.190	ng	# 64
22) Acetophenone	7.02	105	493477	42.160	ng	# 98
24) Nitrobenzene	7.19	77	362880	41.499	ng	# 94
25) Isophorone	7.43	82	670226	42.613	ng	# 94
26) 2-Nitrophenol	7.50	139	209025	42.990	ng	# 88
27) 2,4-Dimethylphenol	7.56	122	330766	41.352	ng	# 96
28) bis(2-Chloroethoxy)methane	7.65	93	458825	43.171	ng	# 99
29) 2,4-Dichlorophenol	7.75	162	311404	43.009	ng	# 96
30) 1,2,4-Trichlorobenzene	7.83	180	288454	41.901	ng	# 97
31) Naphthalene	7.90	128	1039663	41.907	ng	# 100
32) Benzoic acid	7.67	122	86930	17.004	ng	# 89
33) 4-Chloroaniline	7.96	127	231228	23.525	ng	# 96
34) Hexachlorobutadiene	8.03	225	152934	41.614	ng	# 97
35) Caprolactam	8.35	113	115109m	49.616	ng	# 93
36) 4-Chloro-3-methylphenol	8.46	107	332606	42.722	ng	# 98
37) 2-Methylnaphthalene	8.60	142	727799	46.016	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	250801	35.386	ng	# 99
40) Hexachlorocyclopentadiene	8.76	237	230909	86.211	ng	# 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	206608	39.520	ng	98
43) 2,4,5-Trichlorophenol	8.93	196	217287	41.211	ng	97
45) 1,1'-Biphenyl	9.06	154	864906	38.464	ng	98
46) 2-Chloronaphthalene	9.09	162	674429	40.732	ng	95
47) 2-Nitroaniline	9.18	65	252789	44.415	ng	97
48) Acenaphthylene	9.50	152	1058050	40.105	ng	99
49) Dimethylphthalate	9.37	163	1052520	53.314	ng	99
50) 2,6-Dinitrotoluene	9.43	165	176000	41.159	ng	# 77
51) Acenaphthene	9.67	154	604050	38.759	ng	98
52) 3-Nitroaniline	9.59	138	145324	28.688	ng	94
53) 2,4-Dinitrophenol	9.71	184	138212	66.519	ng	# 71
54) Dibenzofuran	9.84	168	894894	40.976	ng	98
55) 4-Nitrophenol	9.78	139	244877	66.168	ng	# 62
56) 2,4-Dinitrotoluene	9.83	165	218433	39.753	ng	# 64
57) Fluorene	10.18	166	662036	41.022	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.96	232	163669	44.759	ng	98
59) Diethylphthalate	10.07	149	791665	41.192	ng	100
60) 4-Chlorophenyl-phenylether	10.17	204	285810	42.000	ng	98
61) 4-Nitroaniline	10.21	138	214479	45.088	ng	91
62) Azobenzene	10.33	77	701668	41.385	ng	93
64) 4,6-Dinitro-2-methylphenol	10.25	198	111532	39.677	ng	87
65) n-Nitrosodiphenylamine	10.30	169	602638	37.655	ng	98
66) 4-Bromophenyl-phenylether	10.66	248	191461	41.886	ng	97
67) Hexachlorobenzene	10.73	284	198715	39.033	ng	# 86
68) Atrazine	10.83	200	184510	40.467	ng	95
69) Pentachlorophenol	10.93	266	173986	70.743	ng	98
70) Phenanthrene	11.13	178	990481	40.687	ng	99
71) Anthracene	11.19	178	991540	40.285	ng	100
72) Carbazole	11.34	167	933949	39.184	ng	99
73) Di-n-butylphthalate	11.68	149	1166618	39.301	ng	99
74) Fluoranthene	12.32	202	949679	40.757	ng	99
76) Benzidine	12.43	184	295556	41.707	ng	# 92
77) Pyrene	12.54	202	922739	47.003	ng	99
79) Butylbenzylphthalate	13.17	149	489731	52.503	ng	# 80
80) Benzo(a)anthracene	13.72	228	594494	44.108	ng	99
81) 3,3'-Dichlorobenzidine	13.69	252	132937	27.428	ng	# 97
82) Chrysene	13.76	228	592331	44.642	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	540854	47.613	ng	99
84) Di-n-octyl phthalate	14.34	149	931953	49.633	ng	95
85) Indeno(1,2,3-cd)pyrene	16.39	276	538531	43.066	ng	99
87) Benzo(b)fluoranthene	14.73	252	527284	42.279	ng	99
88) Benzo(k)fluoranthene	14.76	252	480007	40.645	ng	# 93
89) Benzo(a)pyrene	15.05	252	484240	42.334	ng	99
90) Dibenzo(a,h)anthracene	16.40	278	440713	41.872	ng	97
91) Benzo(g,h,i)perylene	16.78	276	466795	41.416	ng	97

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

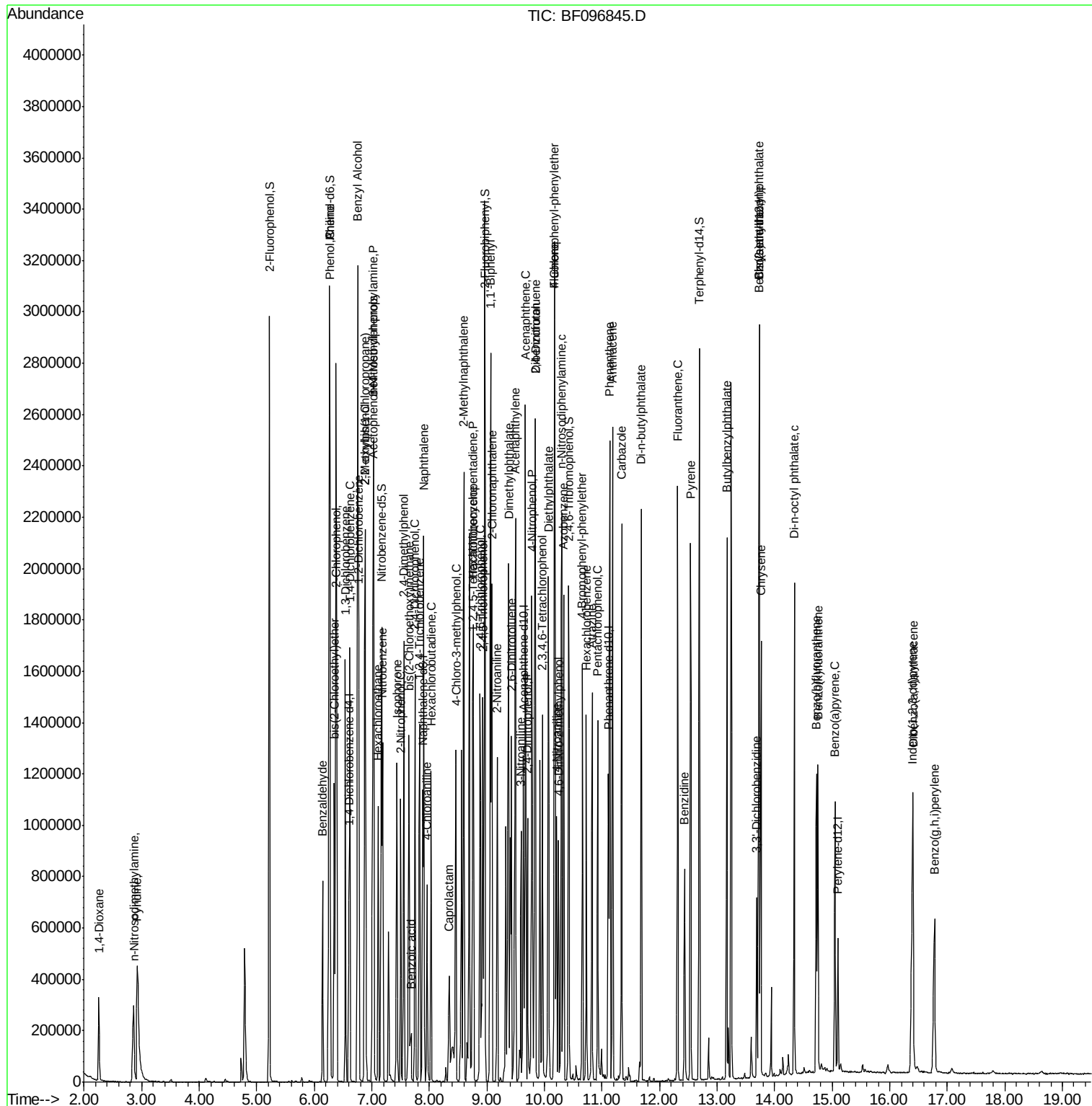
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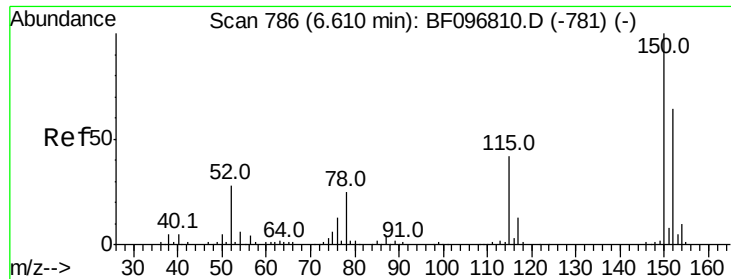
Instrument :
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#1

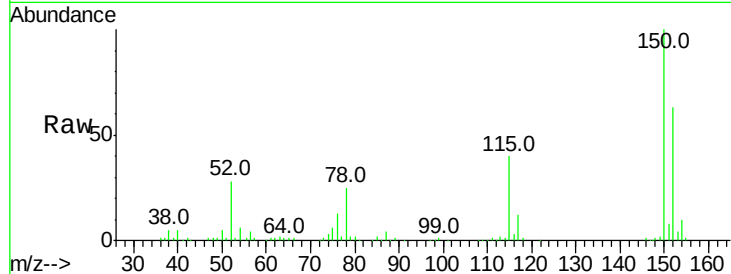
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

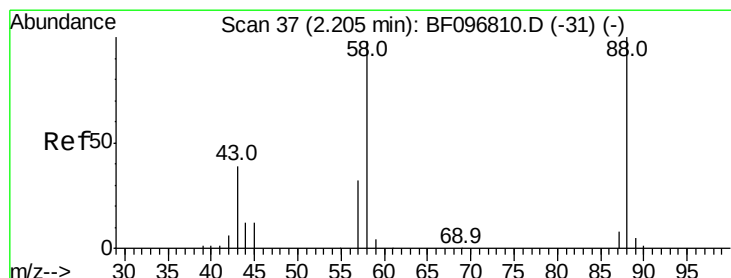
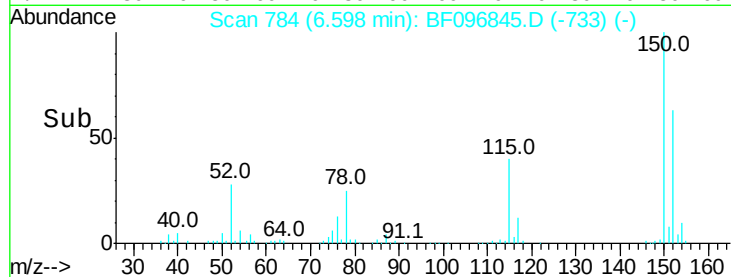
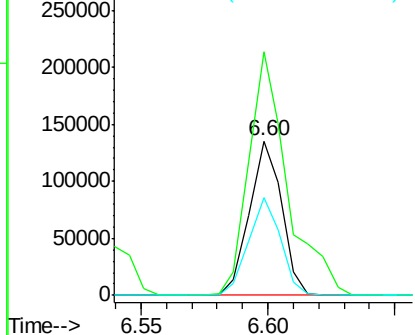
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	63.0	52.2	78.2

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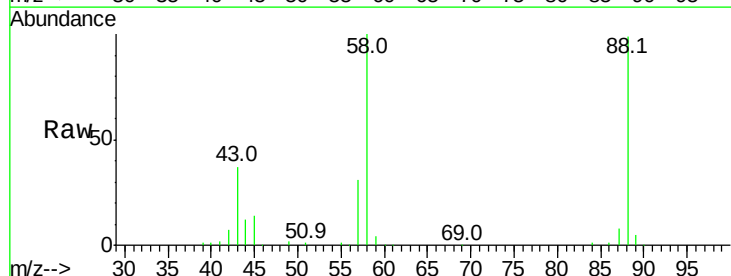
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



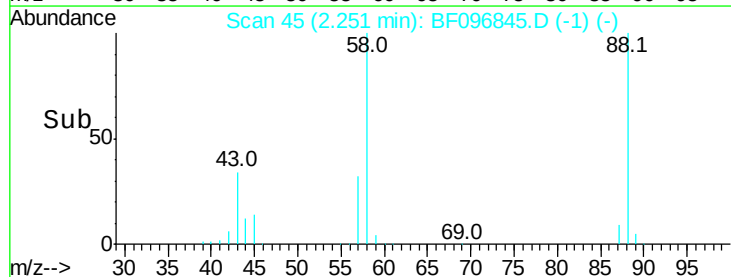
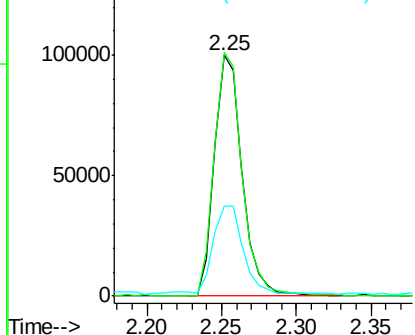
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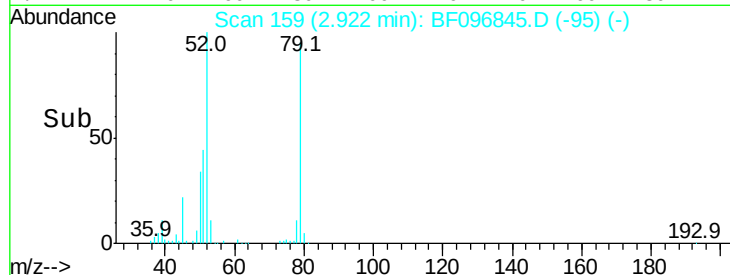
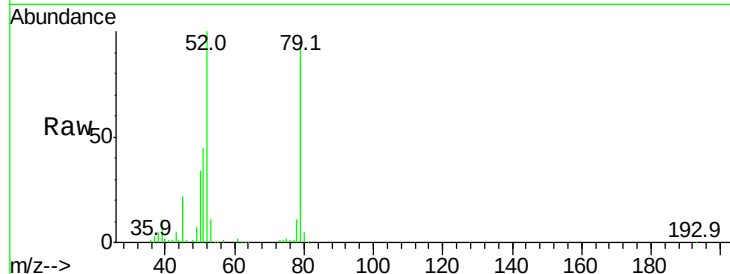
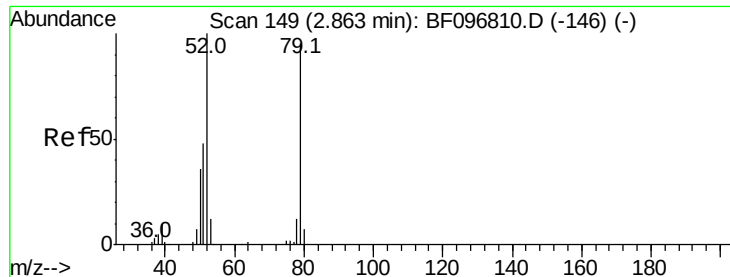
1,4-Dioxane
Concen: 31.838 ng
RT: 2.25 min Scan# 45
Delta R.T. 0.06 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	61.4	92.0#
43	40.2	23.4	35.0#



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





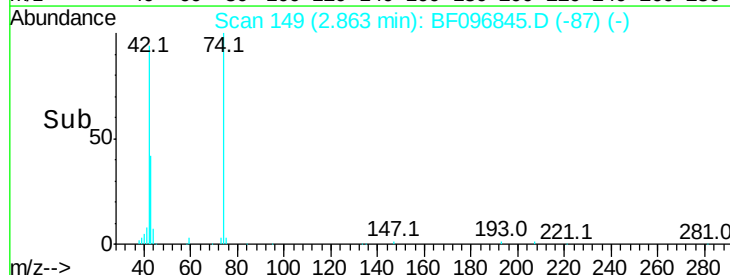
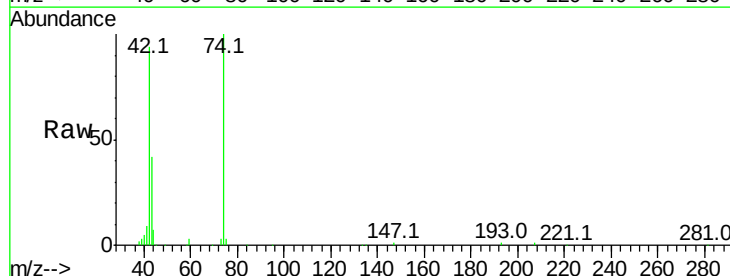
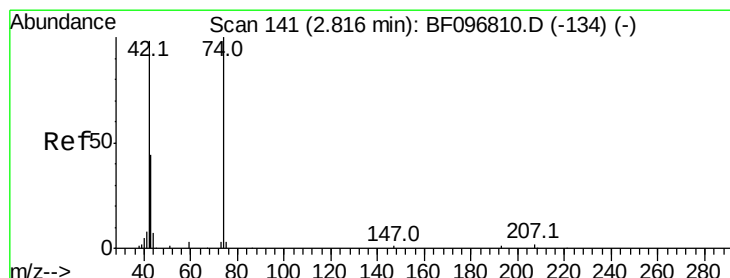
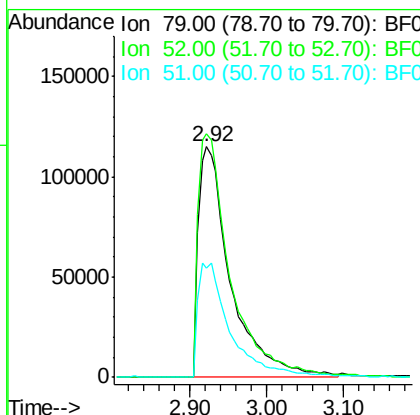
#3
 Pvridine
 Concen: 38.657 ng
 RT: 2.92 min Scan# 159
 Delta R.T. 0.08 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	105.7	54.8	82.2#
51	47.2	27.0	40.4#

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 WC071417-1NEMS

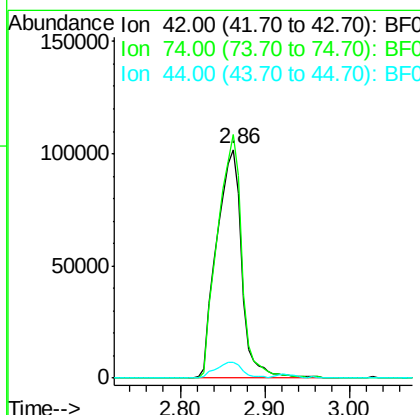
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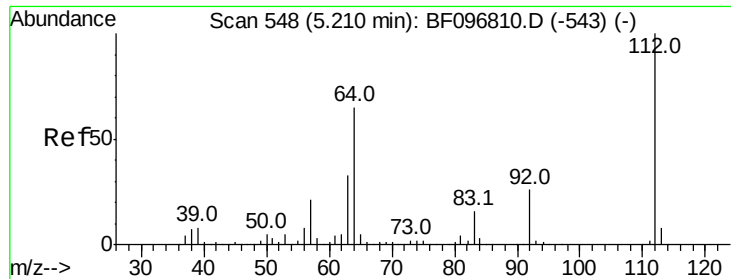
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#4
 n-Nitrosodimethylamine
 Concen: 43.956 ng
 RT: 2.86 min Scan# 149
 Delta R.T. 0.06 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.5	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 116.395 ng

RT: 5.22 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

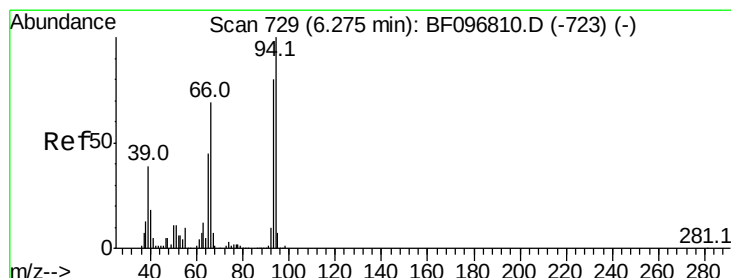
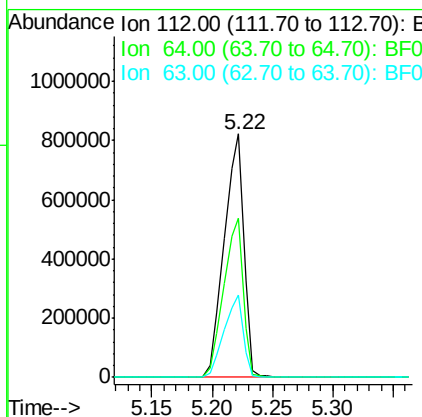
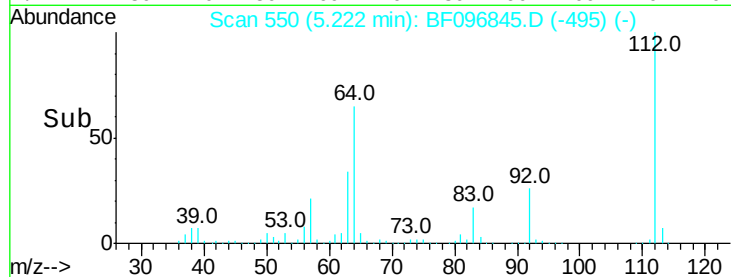
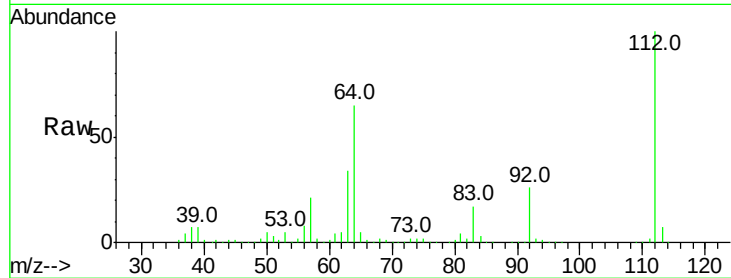
ClientSampleId :

WC071417-1NEMS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	65.3	46.0	69.0
63	33.8	23.4	35.0

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#6

Aniline

Concen: 30.778 ng

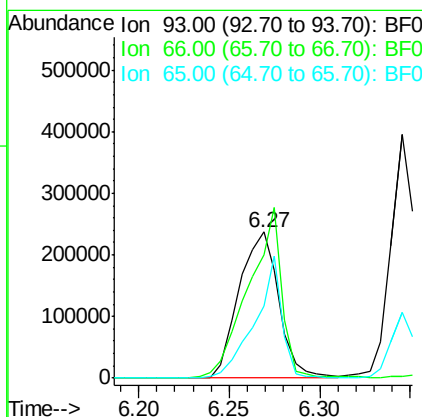
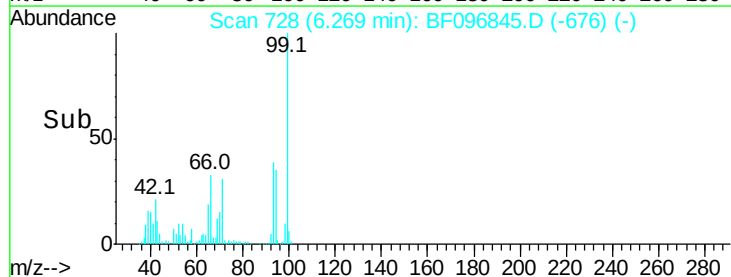
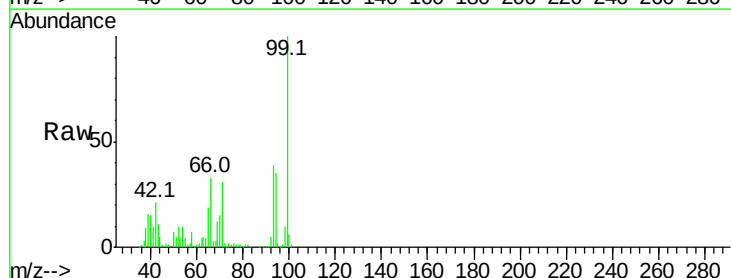
RT: 6.27 min Scan# 728

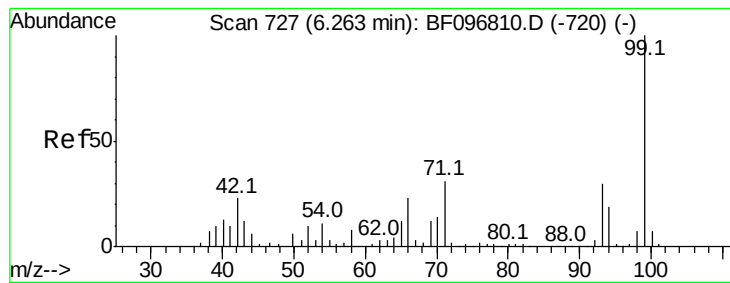
Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	84.0	32.9	49.3#
65	49.2	16.0	24.0#





#7

Phenol-d6

Concen: 117.938 ng

RT: 6.26 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF096845.D

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BNA_F

ClientSampleId :

WC071417-1NEMS

Tot Ion: 99 Resp: 1128698

Ion Ratio Lower Upper

99 100

42 23.1 13.5 20.3#

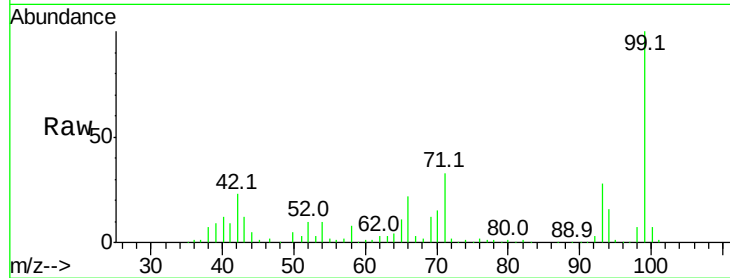
71 33.4 24.5 36.7

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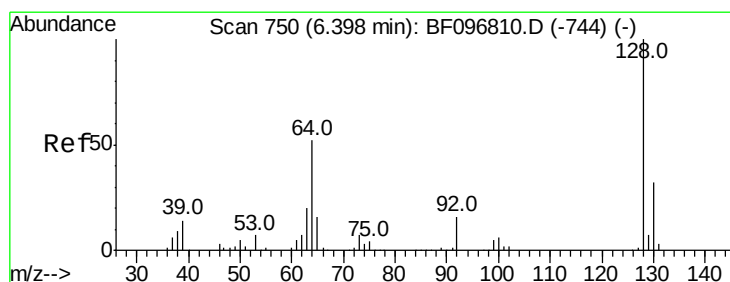
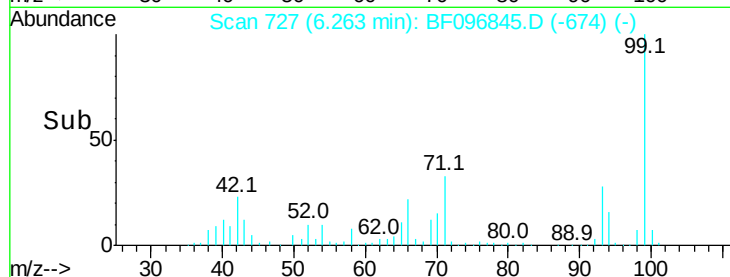
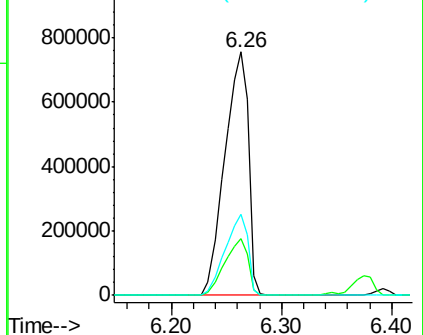
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.313 ng

RT: 6.39 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

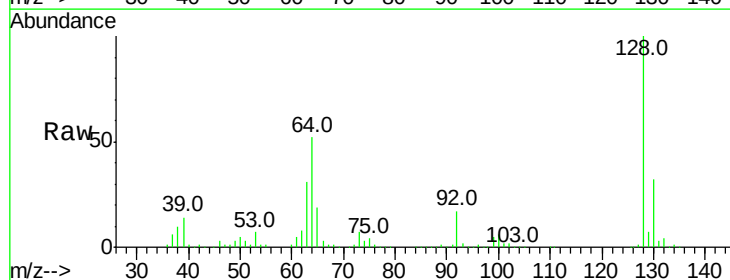
Tgt Ion:128 Resp: 355436

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

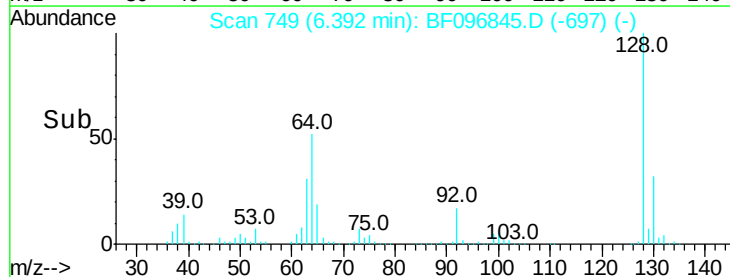
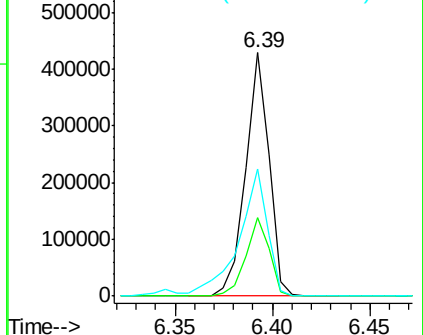
64 52.4 28.4 68.4

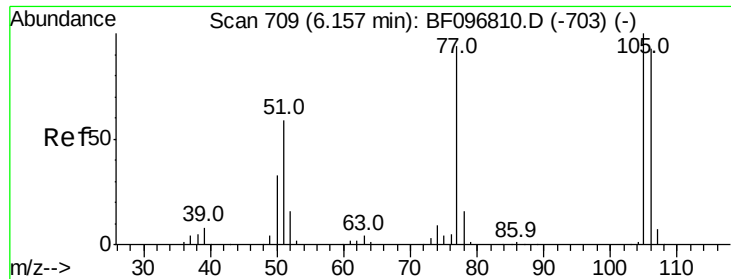


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.558 ng

RT: 6.15 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

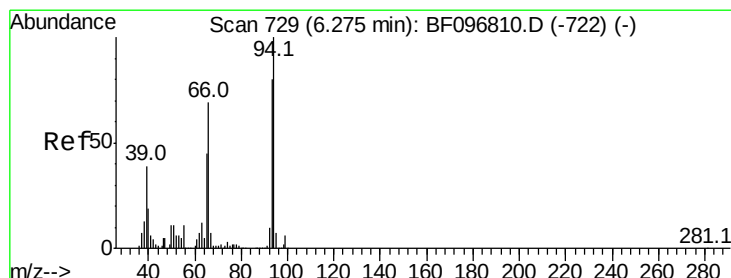
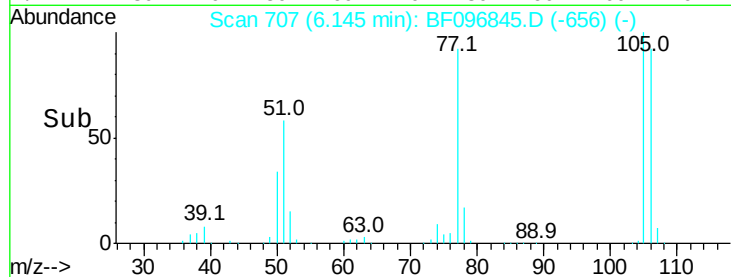
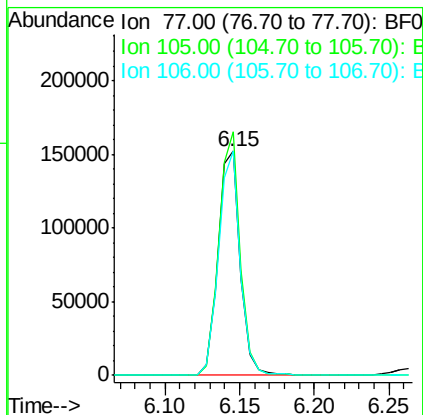
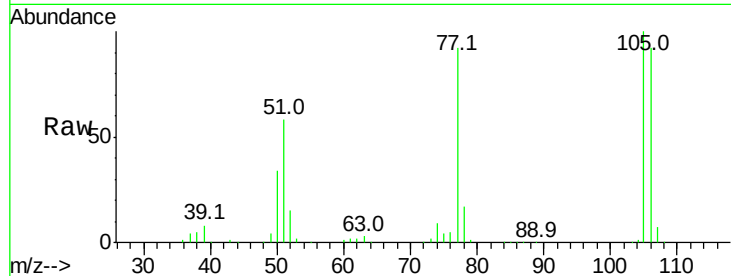
ClientSampleId :

WC071417-1NEMS

Tot Ion:	77	Resp:	157966
Ion Ratio	Lower	Upper	
77	100		
105	108.5	83.8	123.8
106	100.2	79.1	119.1

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#10

Phenol

Concen: 39.496 ng

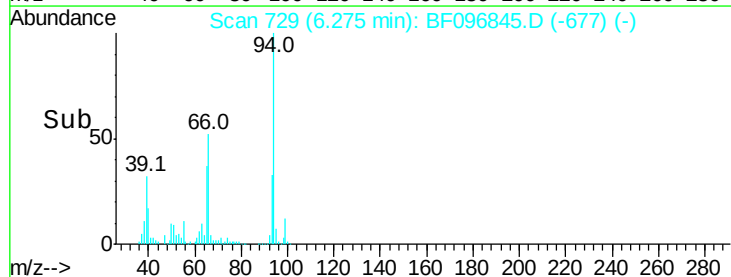
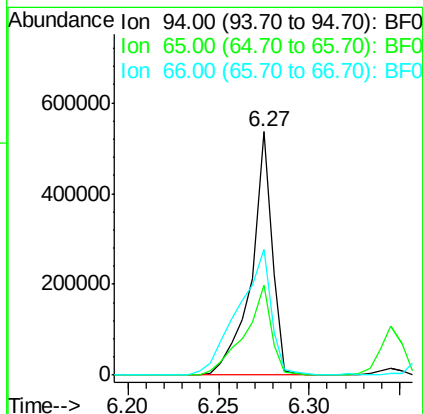
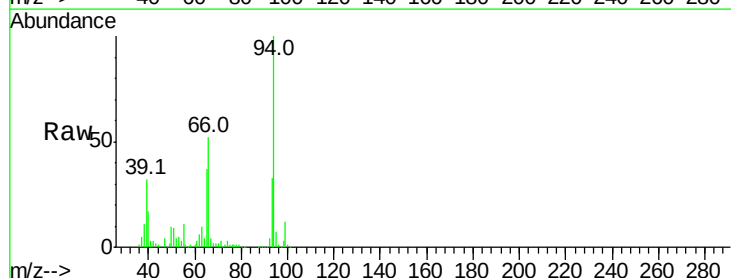
RT: 6.27 min Scan# 729

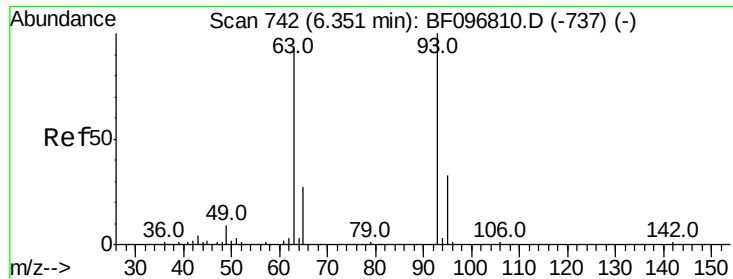
Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:	94	Resp:	427293
Ion Ratio	Lower	Upper	
94	100		
65	36.7	9.9	49.9
66	51.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.856 ng

RT: 6.35 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

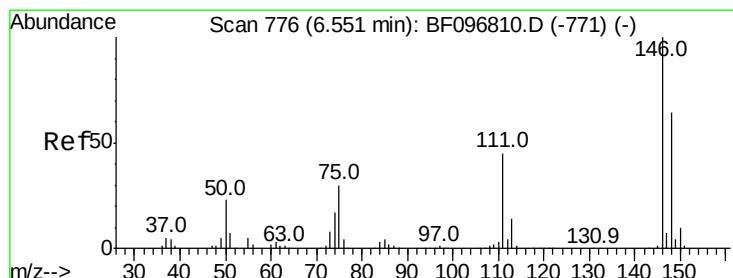
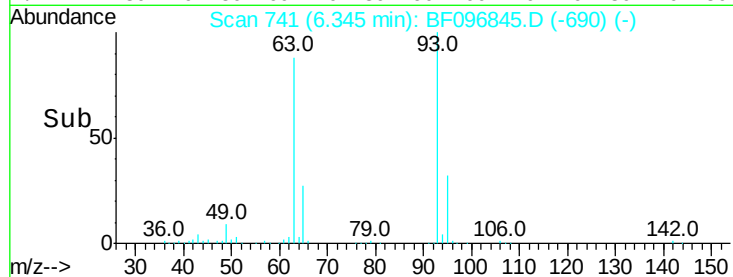
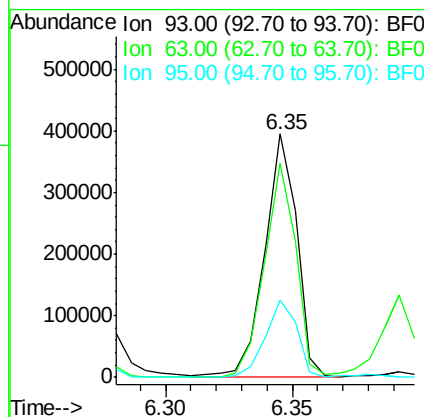
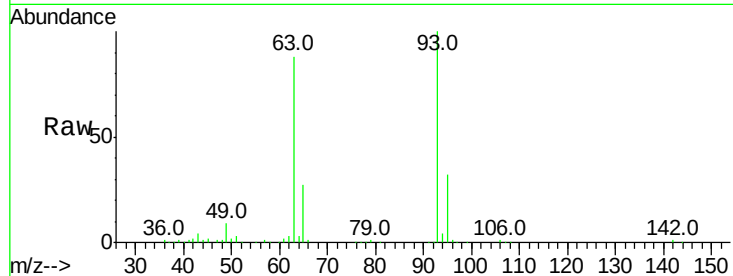
ClientSampleId :

WC071417-1NEMS

Tot Ion:	93	Resp:	348662
Ion Ratio	Lower	Upper	
93	100		
63	88.0	59.2	99.2
95	31.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.541 ng

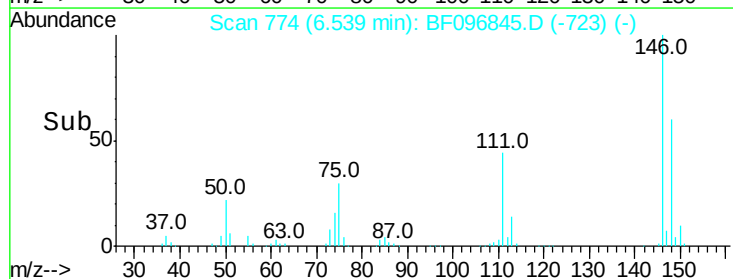
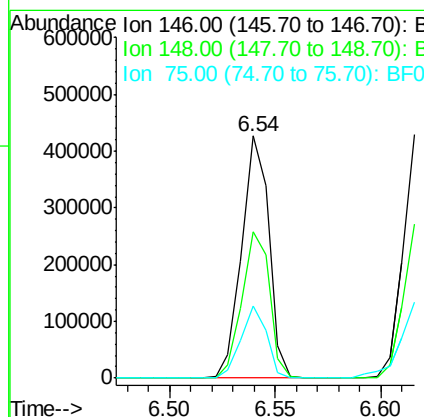
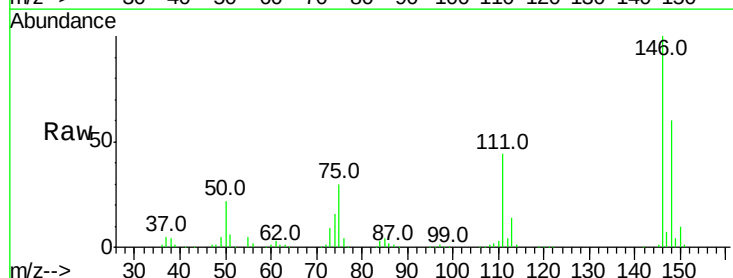
RT: 6.54 min Scan# 774

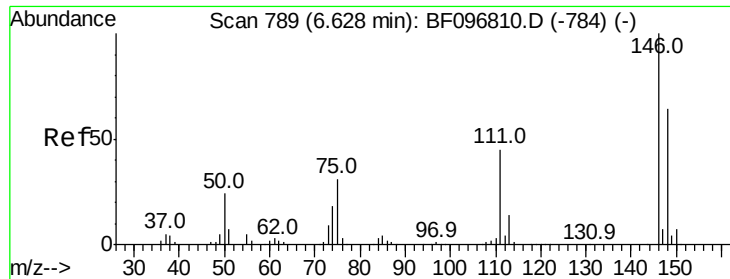
Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:	146	Resp:	379899
Ion Ratio	Lower	Upper	
146	100		
148	60.3	51.8	77.6
75	29.9	23.1	34.7





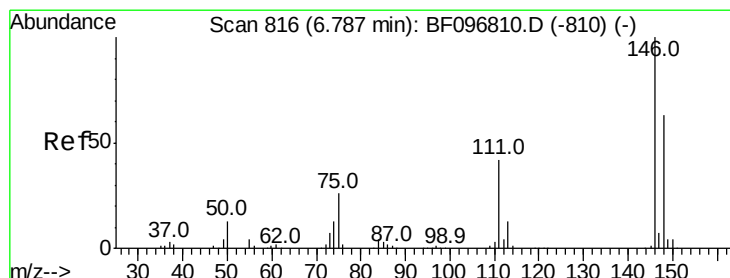
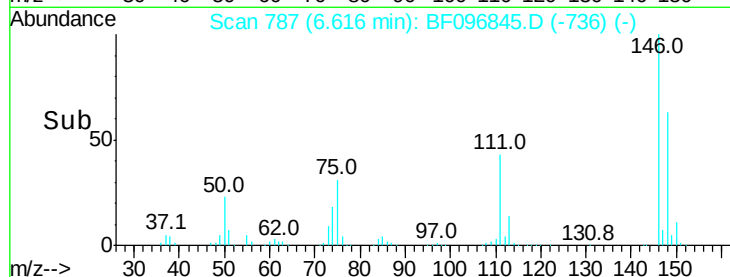
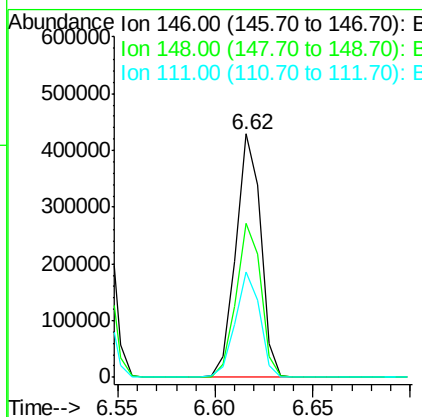
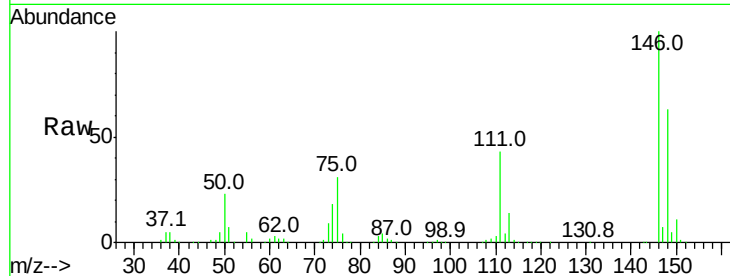
#13
 1,4-Dichlorobenzene
 Concen: 41.081 ng
 RT: 6.62 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	43.1	30.3	45.5

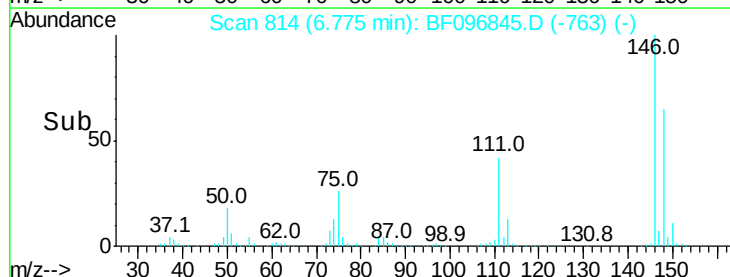
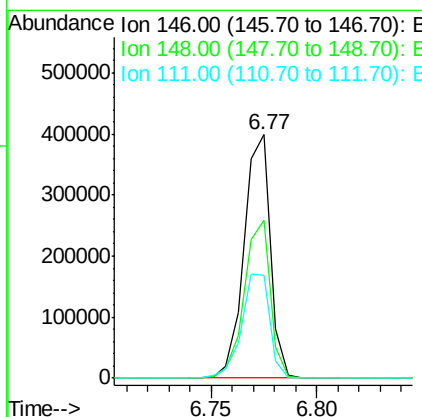
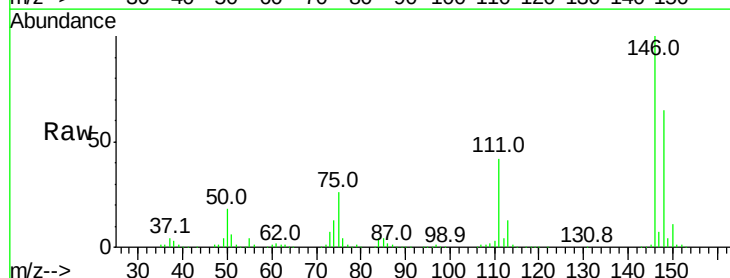
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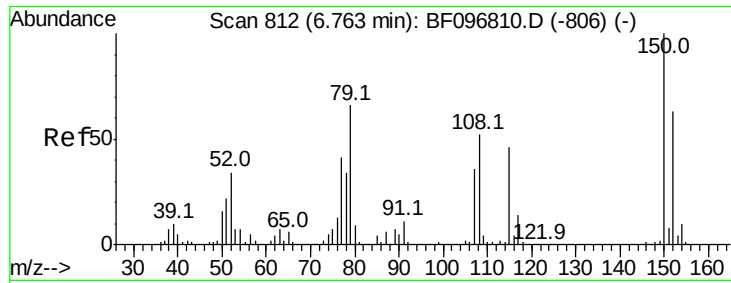
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#14
 1,2-Dichlorobenzene
 Concen: 40.755 ng
 RT: 6.77 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	42.4	38.2	57.4





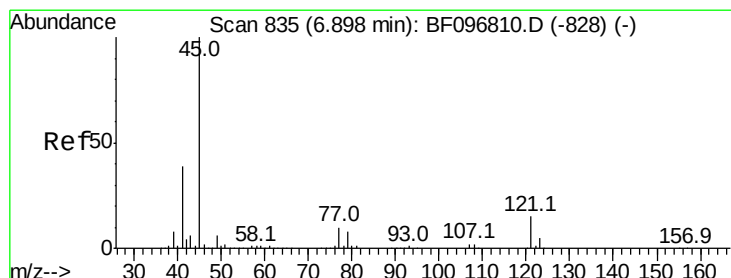
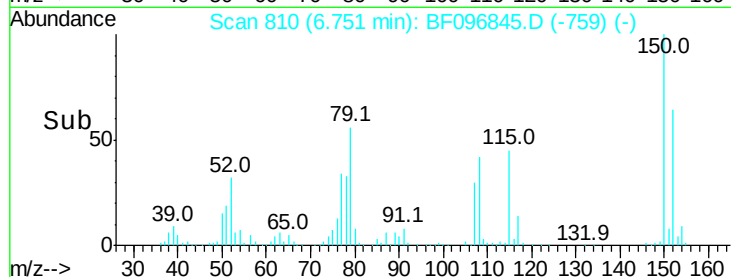
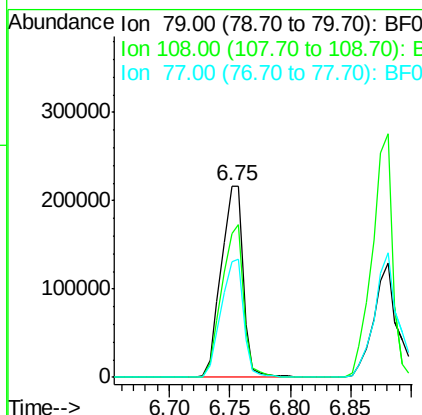
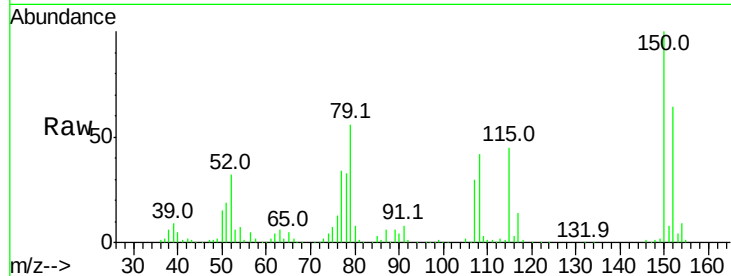
#15
Benzyl Alcohol
Concen: 43.838 ng
RT: 6.75 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	63.4	95.0
77	60.5	49.2	73.8

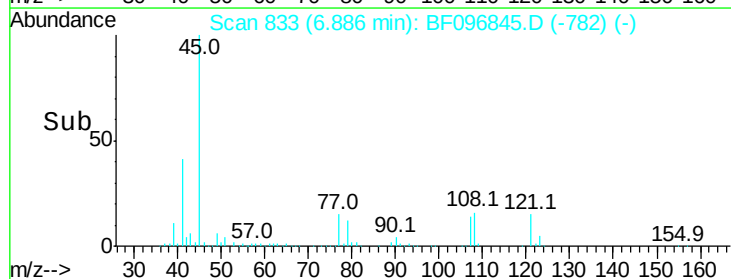
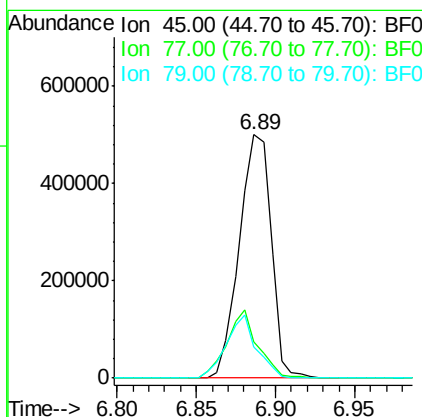
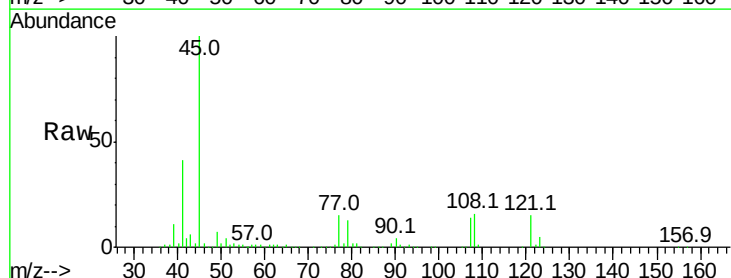
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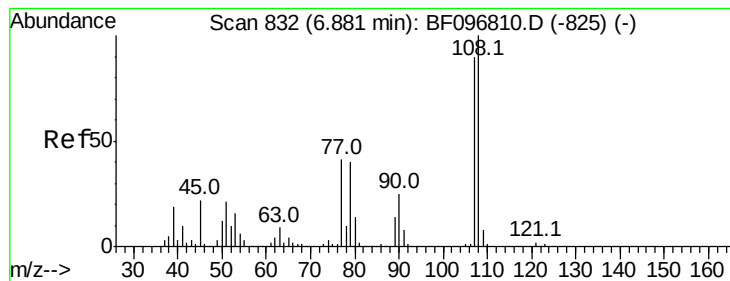
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.682 ng
RT: 6.89 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	33.2
79	12.6	0.0	30.0





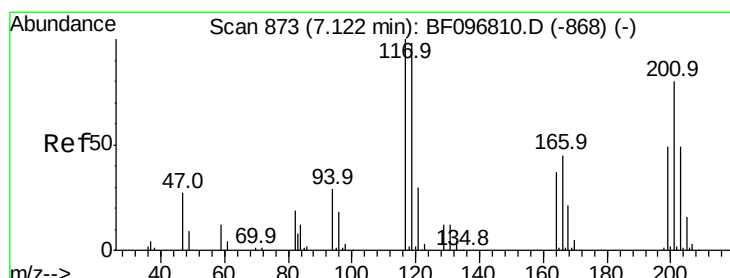
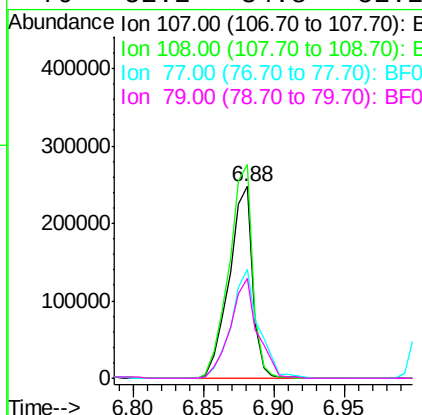
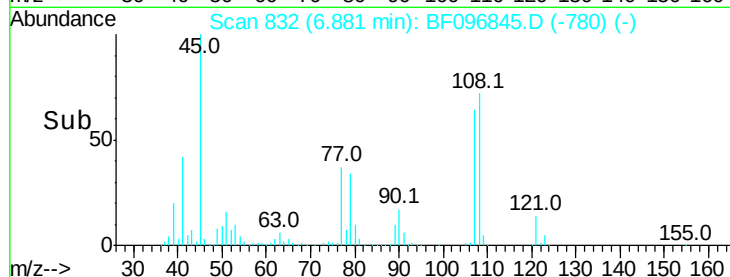
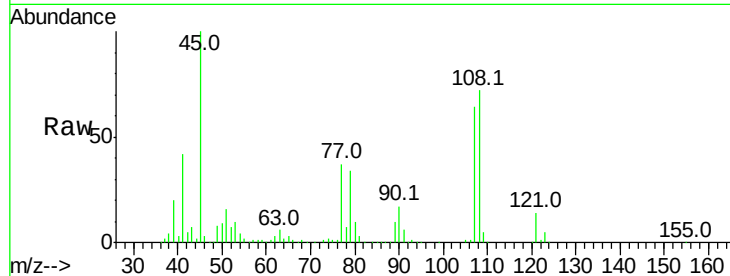
#17
2-Methylphenol
Concen: 42.819 ng
RT: 6.88 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	93.4	140.0
77	57.0	35.8	53.6#
79	52.2	34.8	52.2#

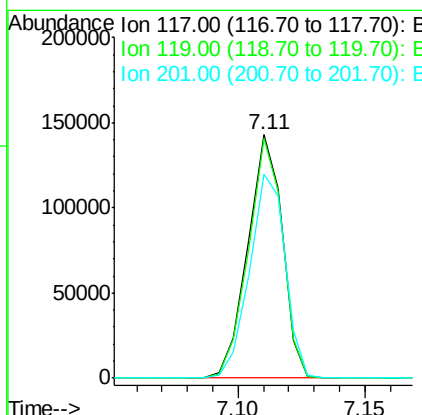
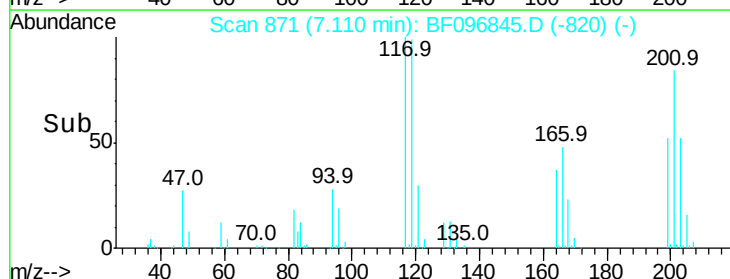
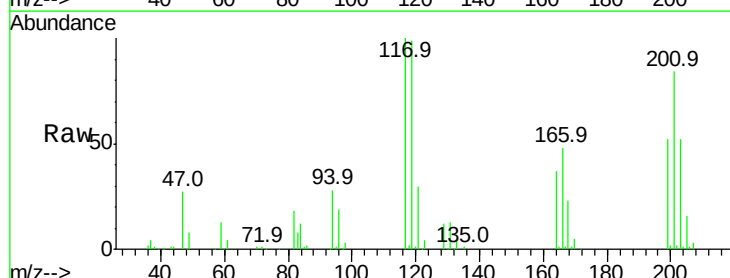
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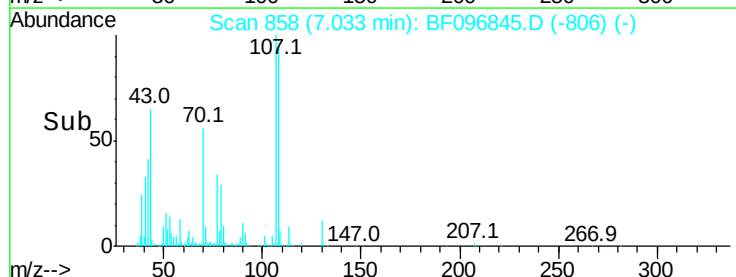
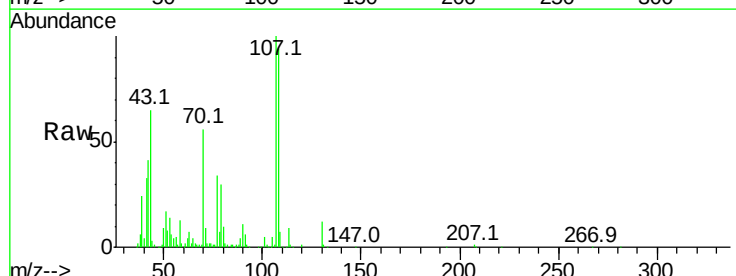
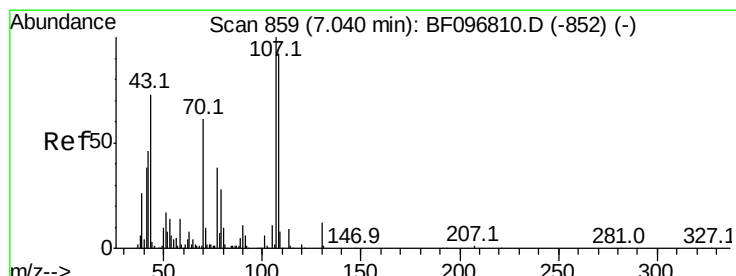
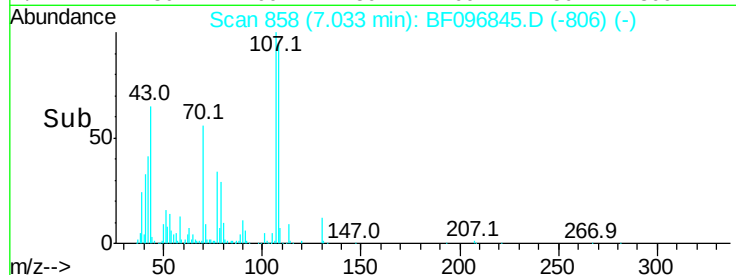
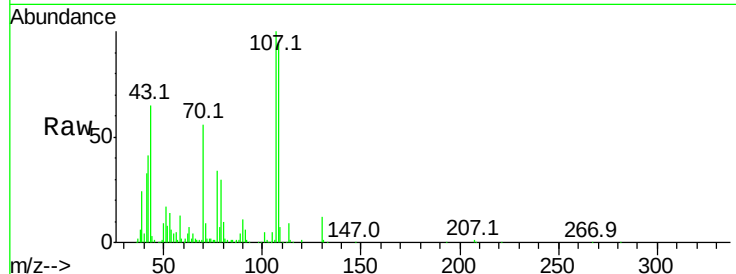
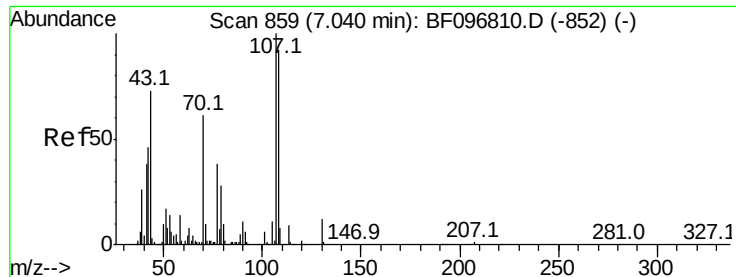
mohammad
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#18
Hexachloroethane
Concen: 41.389 ng
RT: 7.11 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	77.4	116.0
201	84.0	94.6	141.8#





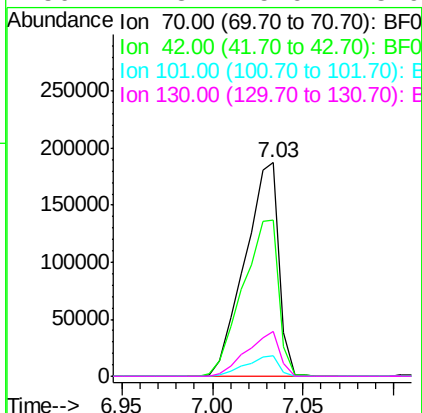
#19
n-Nitroso-di-n-propylamine
Concen: 42.325 ng
RT: 7.03 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.2	47.2	70.8#
101	9.5	7.2	10.8
130	21.3	15.9	23.9

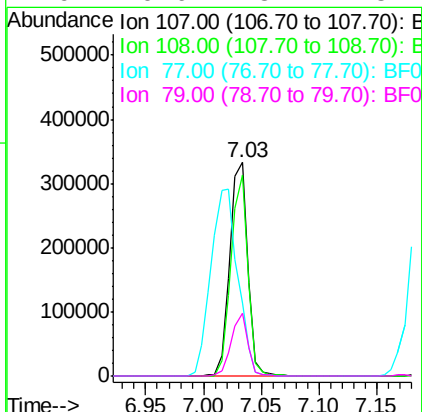
Manual Integrations
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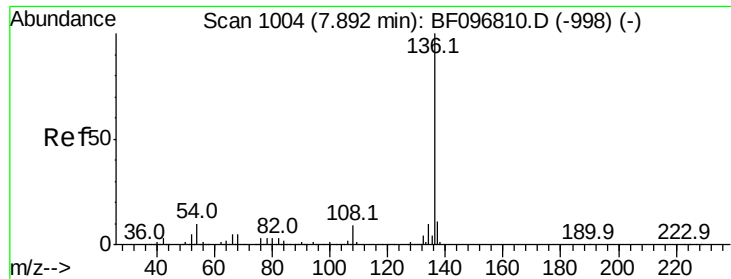
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#20
3+4-Methylphenols
Concen: 44.190 ng
RT: 7.03 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	71.0	111.0
77	34.3	90.5	130.5#
79	29.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

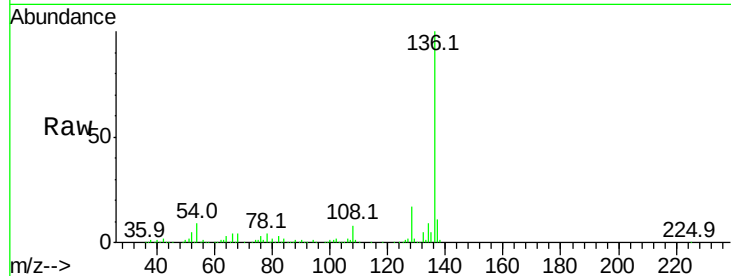
ClientSampleId :

WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	523697		
137	10.7		8.5	12.7
54	9.1		4.9	7.3
68	4.4		4.1	6.1

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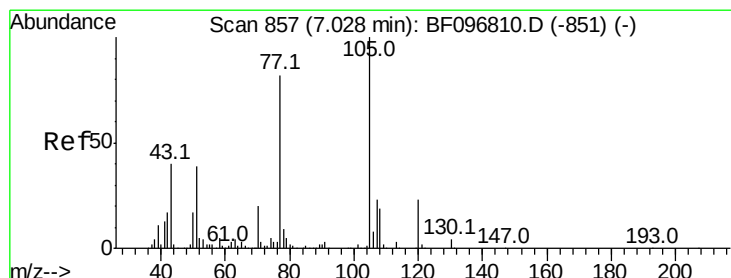
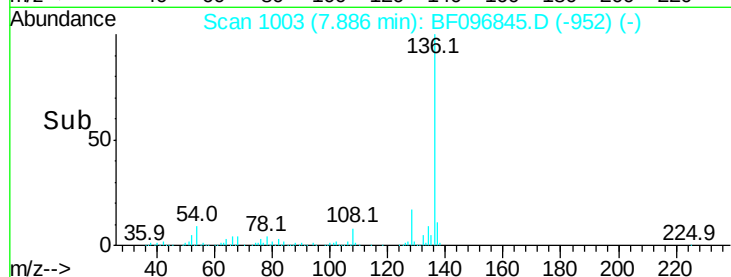
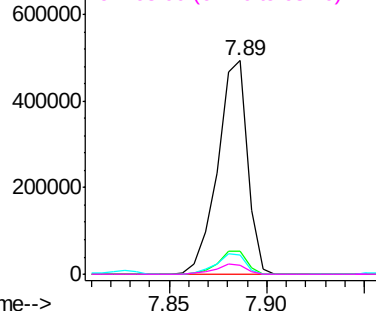


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.160 ng

RT: 7.02 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

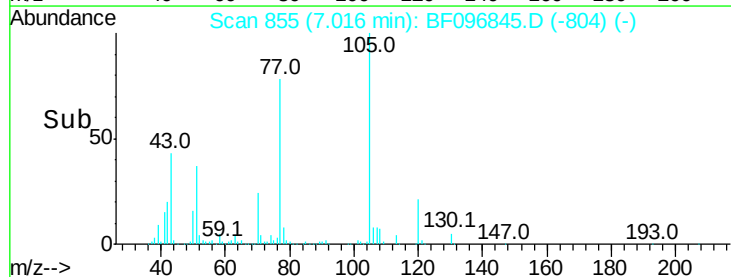
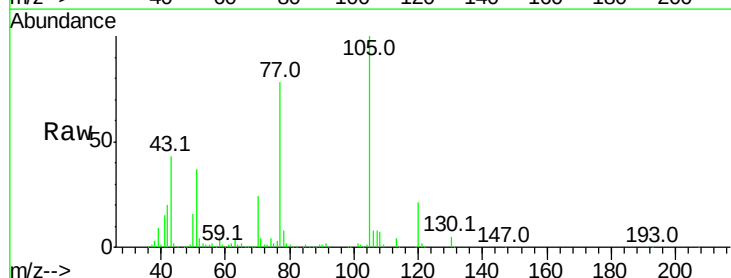
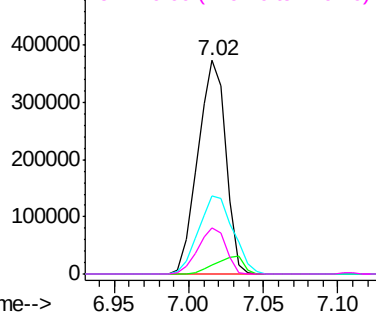
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	493477		
71	4.0		2.8	4.2
51	36.8		30.7	46.1
120	21.5		17.4	26.0

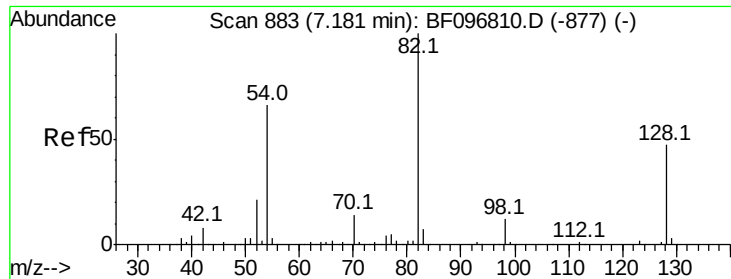
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.943 ng

RT: 7.17 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

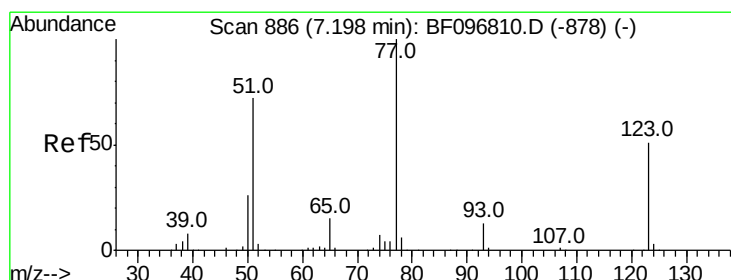
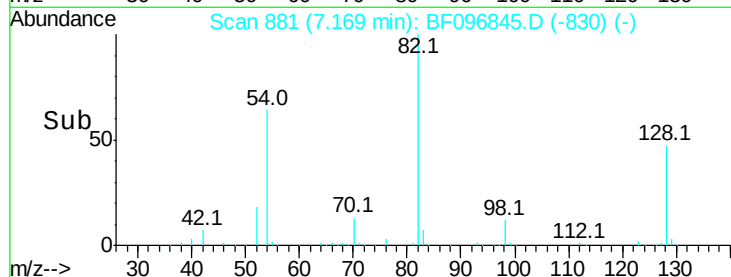
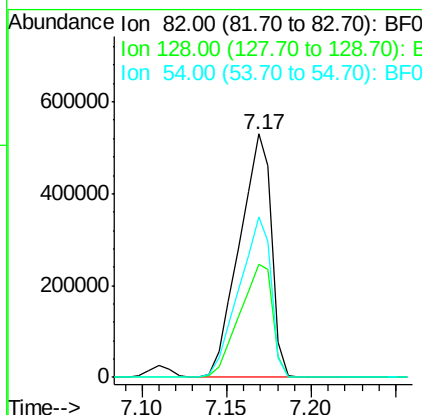
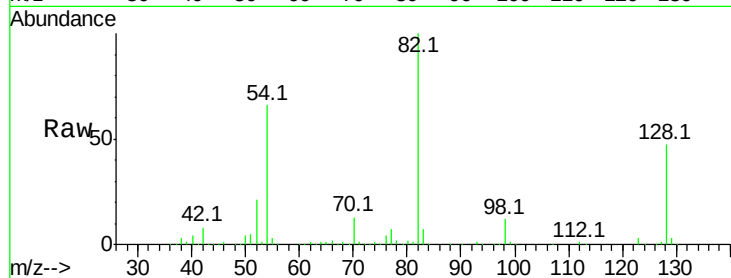
ClientSampleId :

WC071417-1NEMS

Tot Ion:	82	Resp:	701264
Ion Ratio	Lower	Upper	
82	100		
128	46.5	34.0	51.0
54	65.9	42.2	63.2#

Manual Integrations
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#24

Nitrobenzene

Concen: 41.499 ng

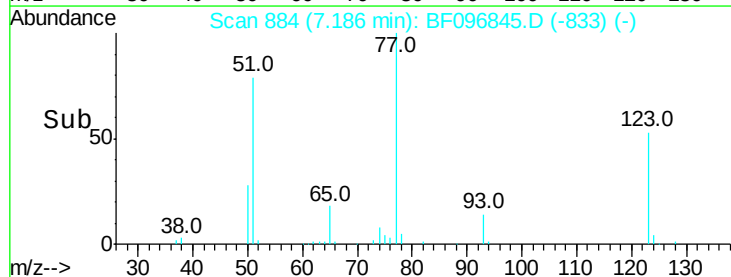
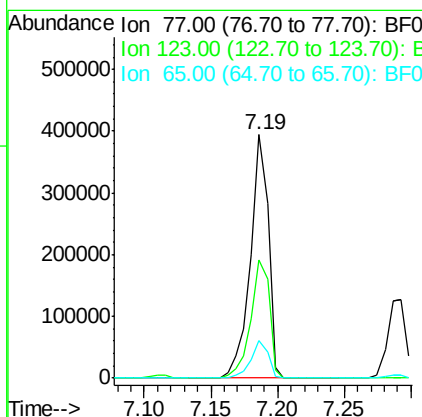
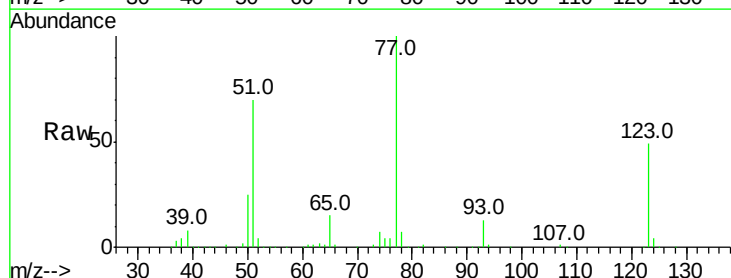
RT: 7.19 min Scan# 884

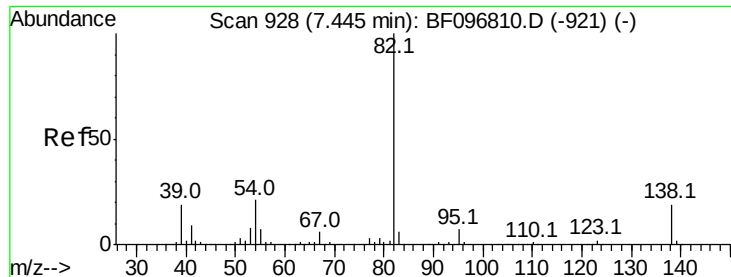
Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:	77	Resp:	362880
Ion Ratio	Lower	Upper	
77	100		
123	48.6	35.8	53.8
65	15.4	10.6	15.8





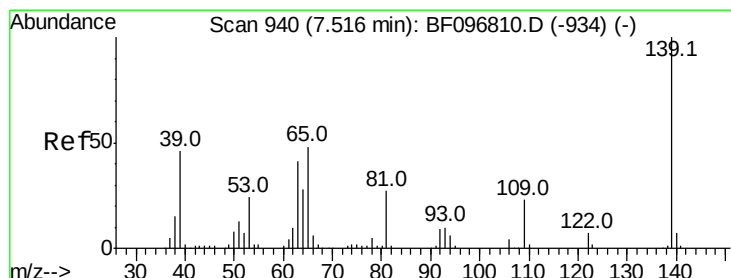
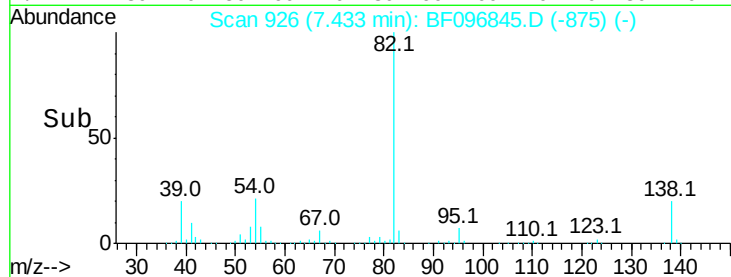
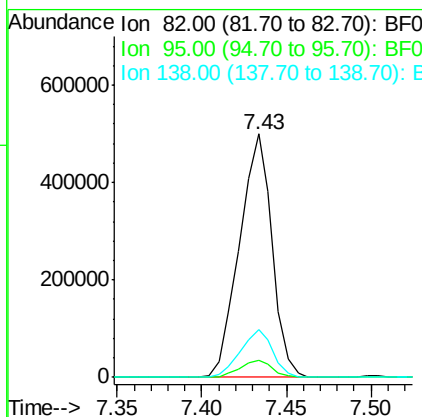
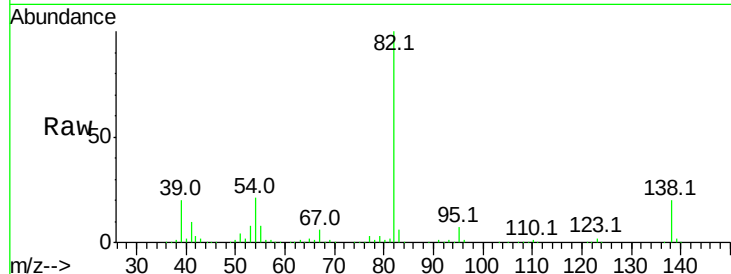
#25
Isophorone
Concen: 42.613 ng
RT: 7.43 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	670226		
95	6.9		5.3	7.9
138	19.6		13.1	19.7

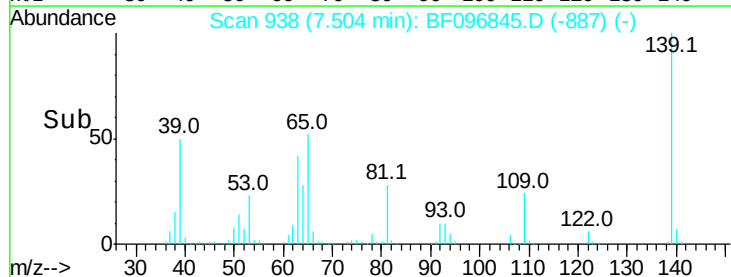
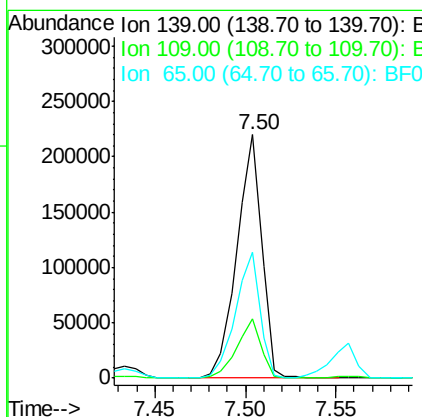
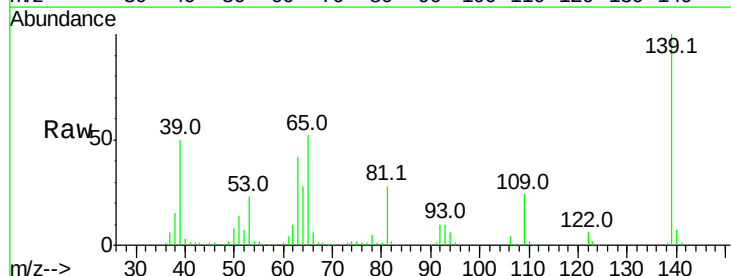
Manual Integrations
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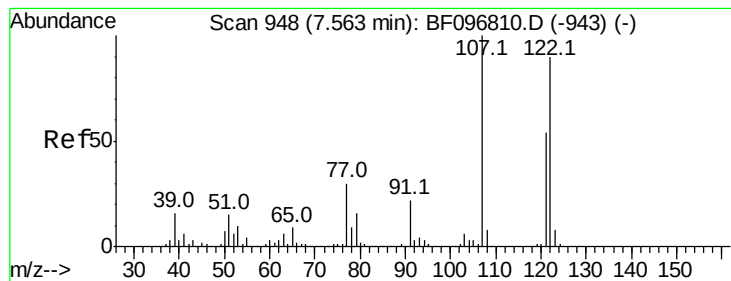
mohammad
7/19/2017 2:31:14 PM



#26
2-Nitrophenol
Concen: 42.990 ng
RT: 7.50 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	209025		
109	24.2		21.0	31.6
65	51.6		33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 41.352 ng

RT: 7.56 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

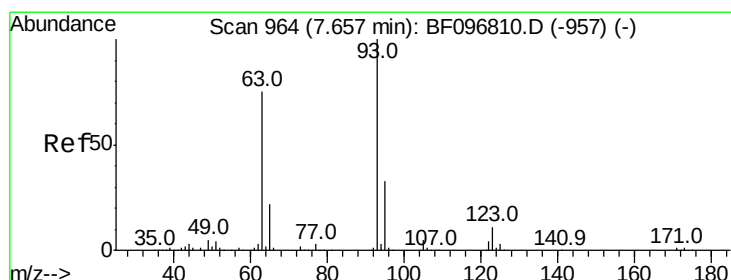
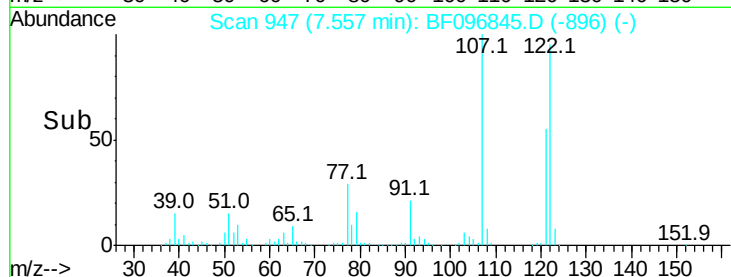
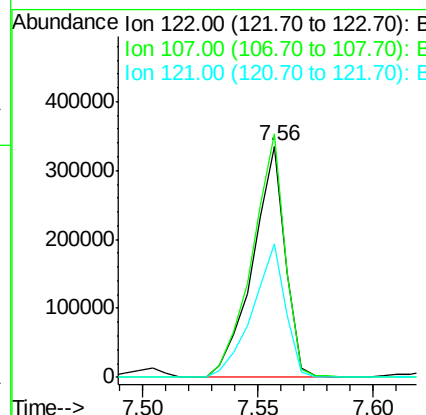
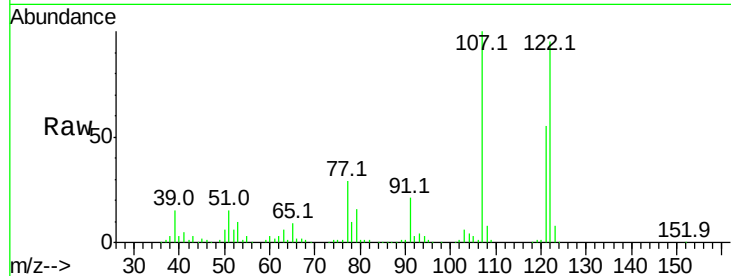
ClientSampleId :

WC071417-1NEMS

Tot Ion:	122	Resp:	330766
Ion Ratio	Lower	Upper	
122	100		
107	105.4	89.2	133.8
121	58.0	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.171 ng

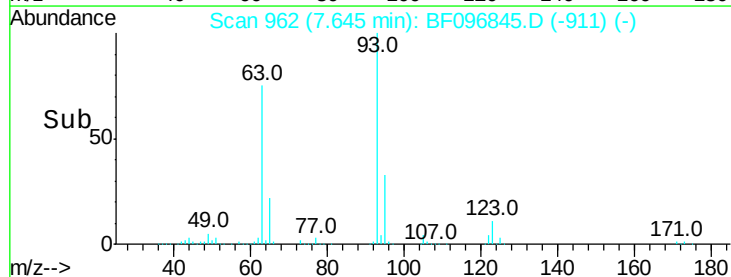
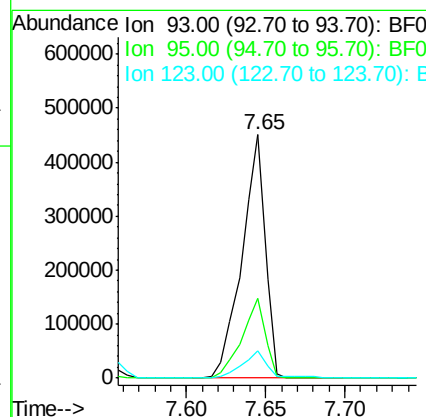
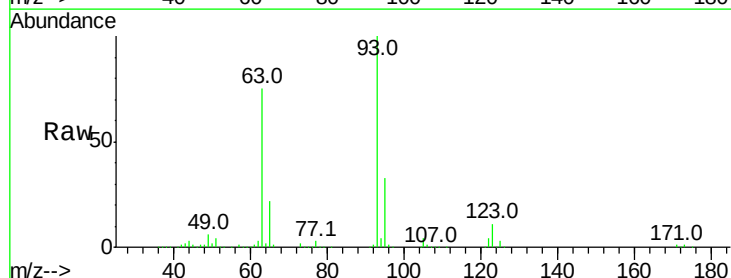
RT: 7.65 min Scan# 962

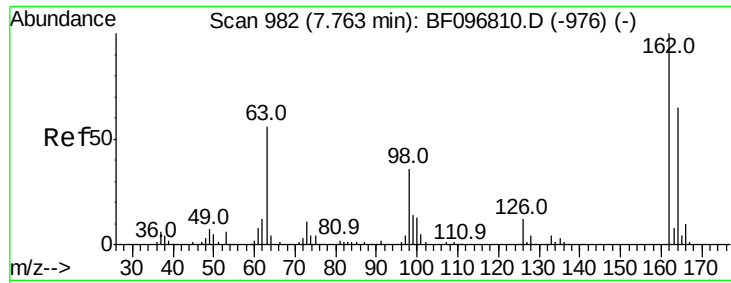
Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:	93	Resp:	458825
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.5	39.7
123	11.4	9.0	13.4





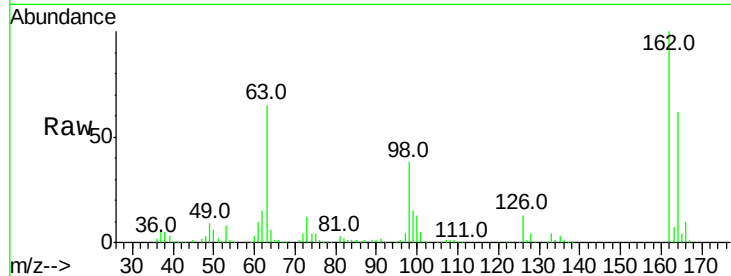
#29
 2,4-Dichlorophenol
 Concen: 43.009 ng
 RT: 7.75 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

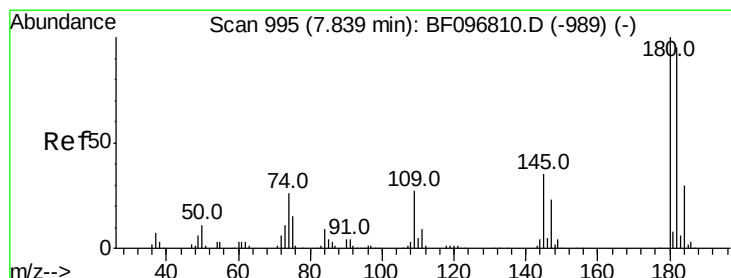
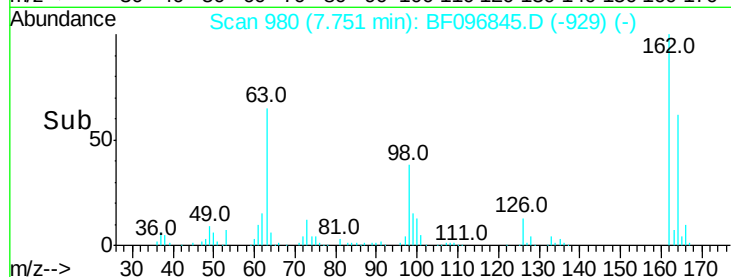
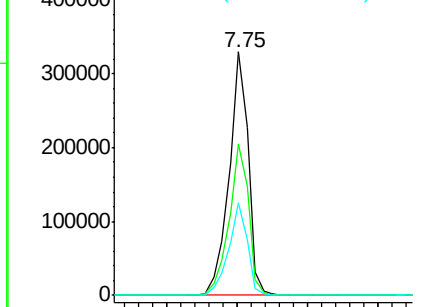
Tot Ion	Ratio	Resp	Lower	Upper
162	100	311404		
164	62.5	44.6	84.6	
98	38.1	14.8	54.8	

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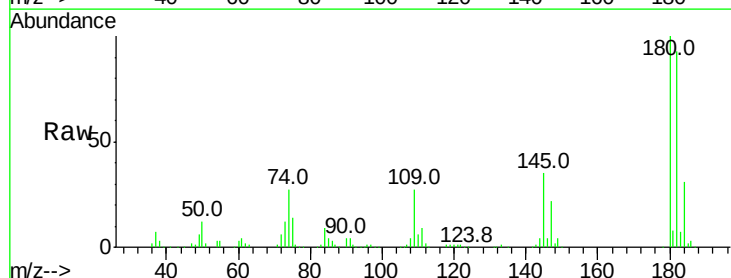


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

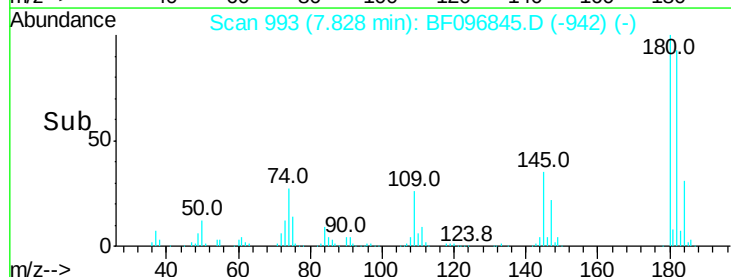
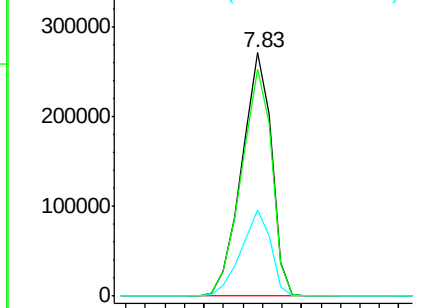


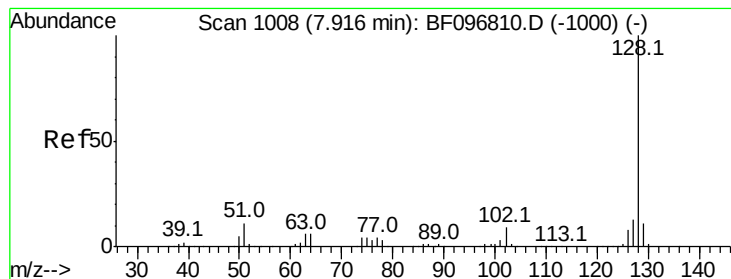
#30
 1,2,4-Trichlorobenzene
 Concen: 41.901 ng
 RT: 7.83 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	288454		
182	93.2	75.8	113.6	
145	35.2	25.3	37.9	



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





#31

Naphthalene

Concen: 41.907 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

Tot Ion:128 Resp: 1039663

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

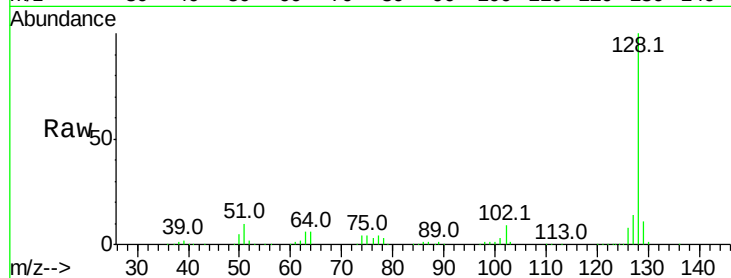
127 13.7 10.8 16.2

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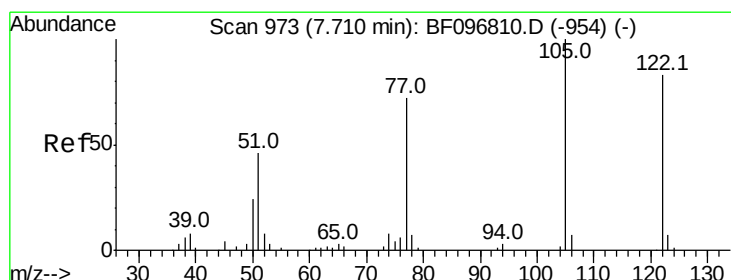
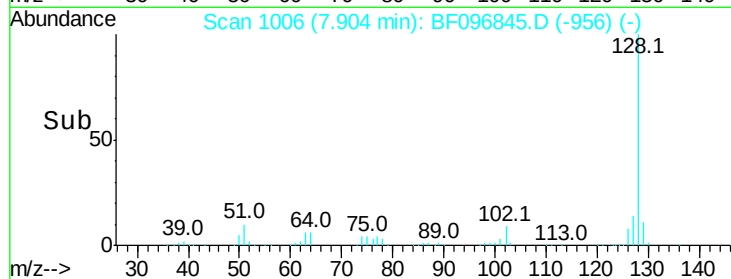
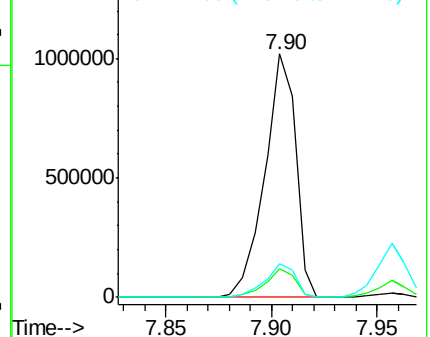
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.004 ng

RT: 7.67 min Scan# 967

Delta R.T. -0.04 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

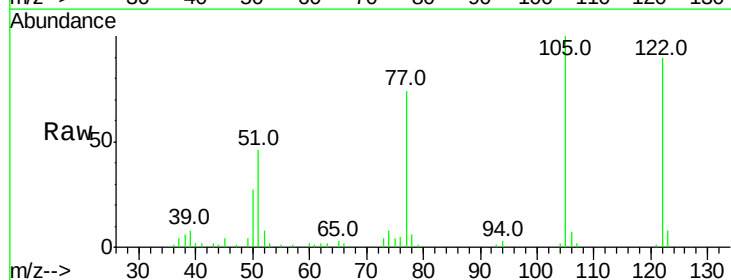
Tgt Ion:122 Resp: 86930

Ion Ratio Lower Upper

122 100

105 111.6 103.3 143.3

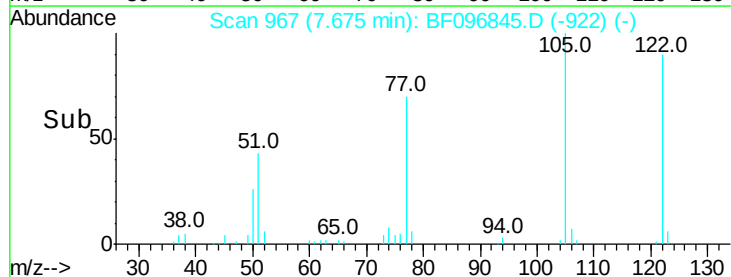
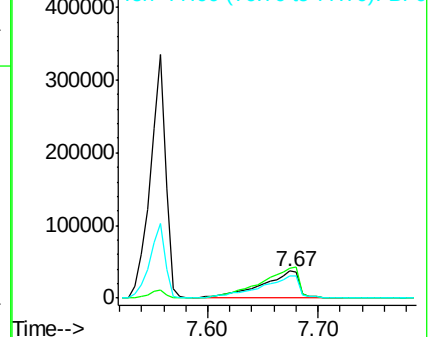
77 82.6 73.7 113.7

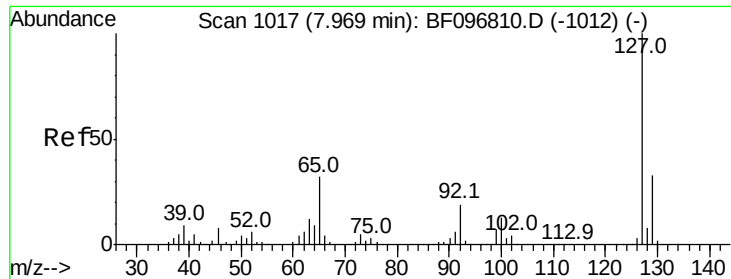


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





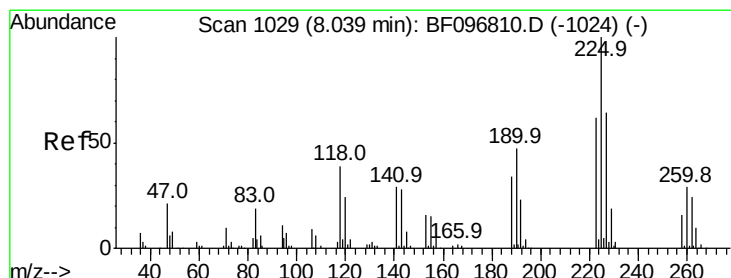
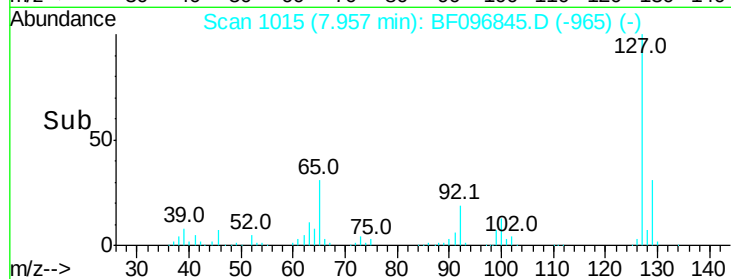
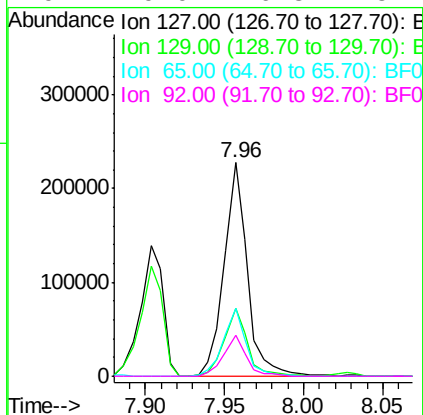
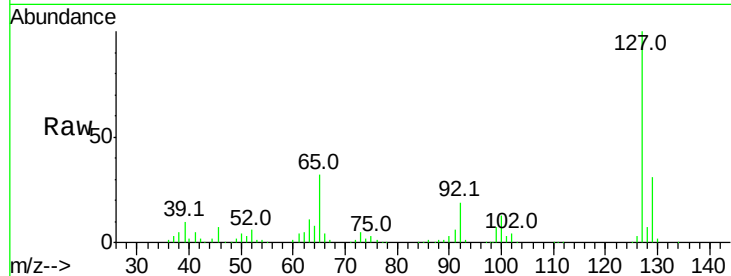
#33
4-Chloroaniline
Concen: 23.525 ng
RT: 7.96 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	231228		
129	31.5	26.2	39.2	
65	31.9	27.8	41.8	
92	19.0	16.8	25.2	

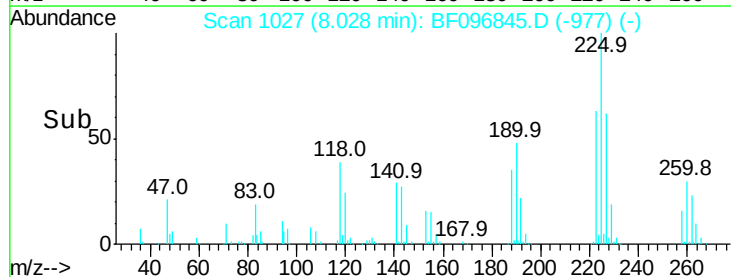
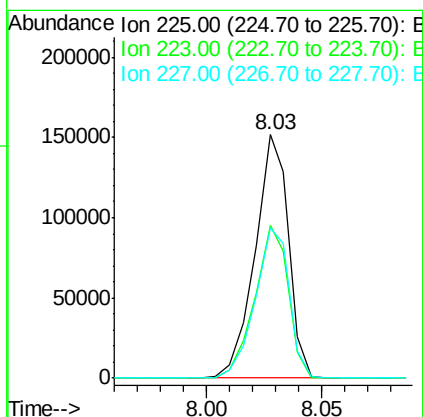
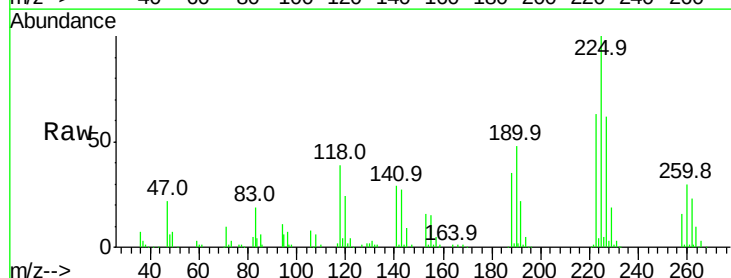
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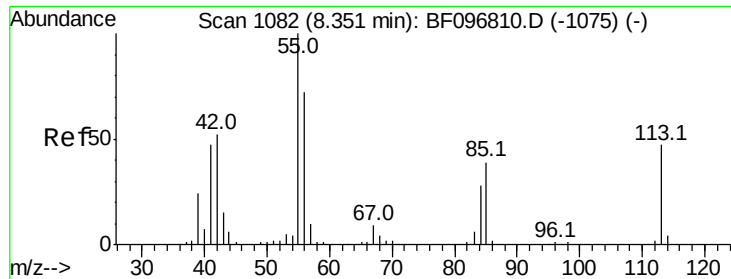
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#34
Hexachlorobutadiene
Concen: 41.614 ng
RT: 8.03 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152934		
223	63.0	48.8	73.2	
227	61.8	51.1	76.7	





#35

Caprolactam

Concen: 49.616 ng/mL

RT: 8.35 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

Tot Ion:113 Resp: 115109

Ion Ratio Lower Upper

113 100

55 237.9 150.2 190.2#

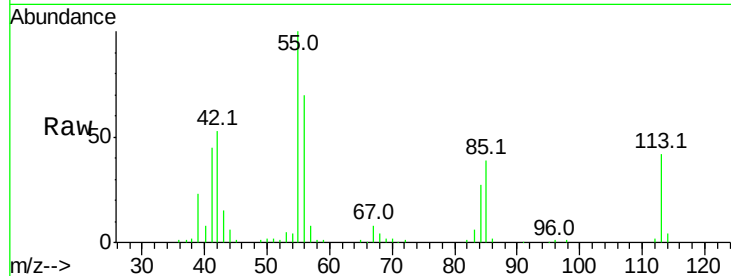
56 167.4 107.8 147.8#

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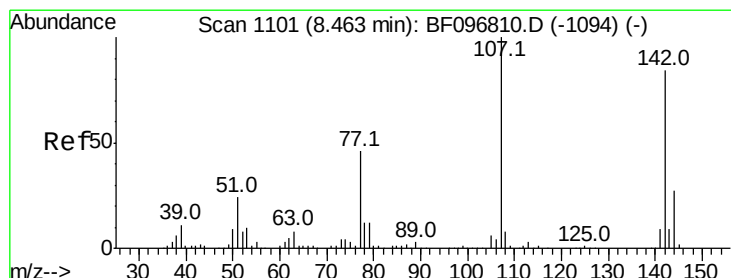
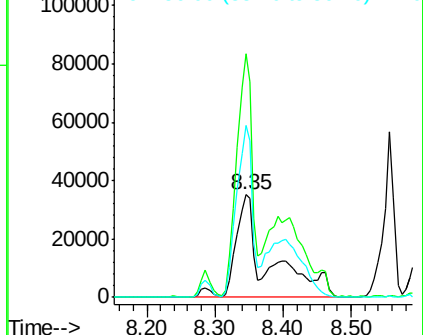
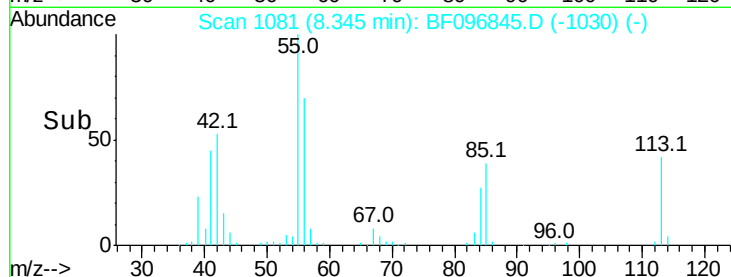
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.722 ng/mL

RT: 8.46 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

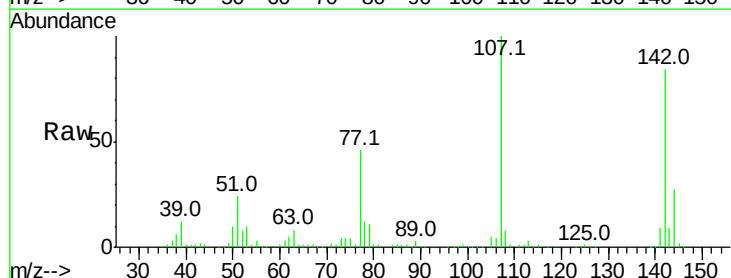
Tgt Ion:107 Resp: 332606

Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

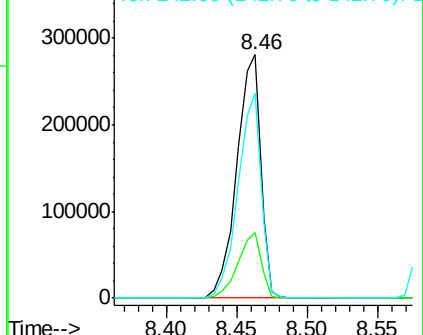
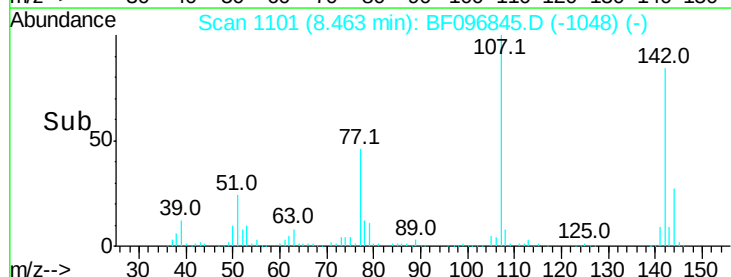
142 84.3 73.4 110.0

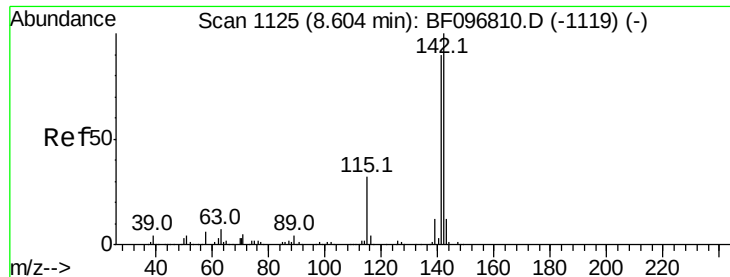


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





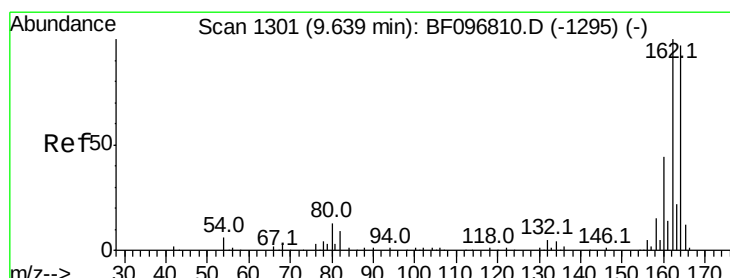
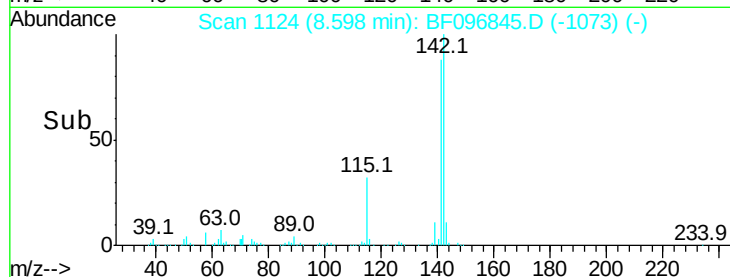
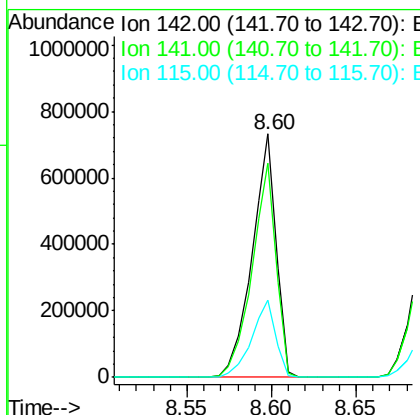
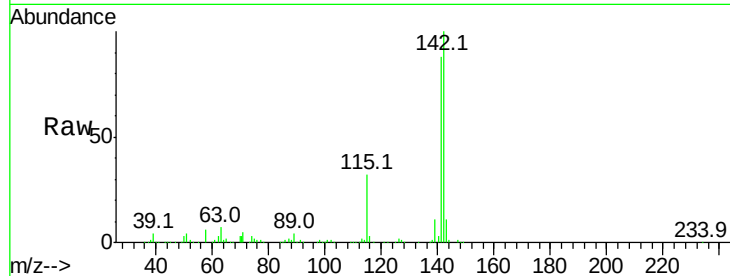
#37
2-Methylnaphthalene
Concen: 46.016 ng
RT: 8.60 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	31.6	27.1	40.7

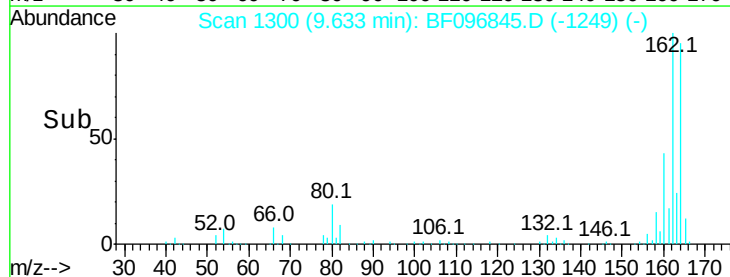
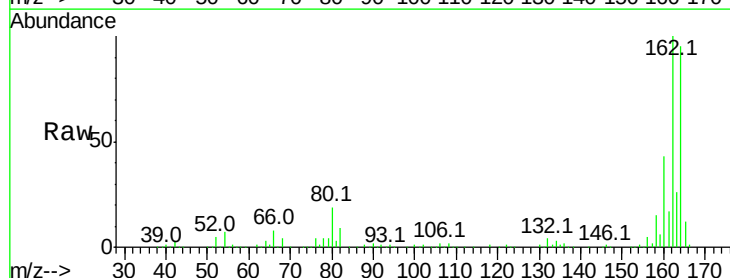
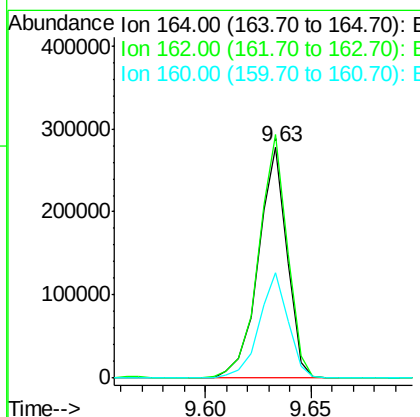
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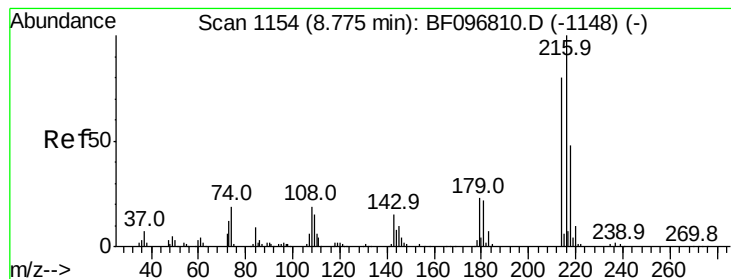
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	45.8	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.386 ng

RT: 8.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

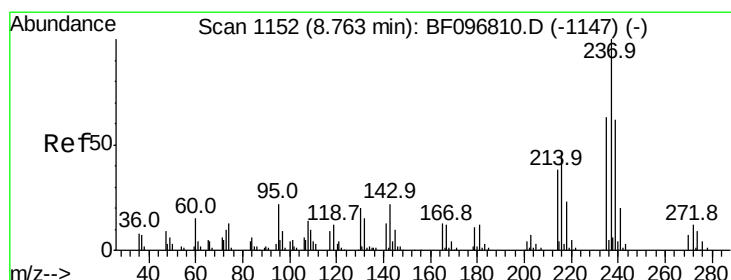
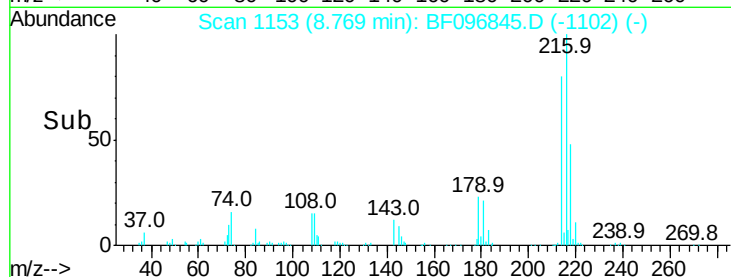
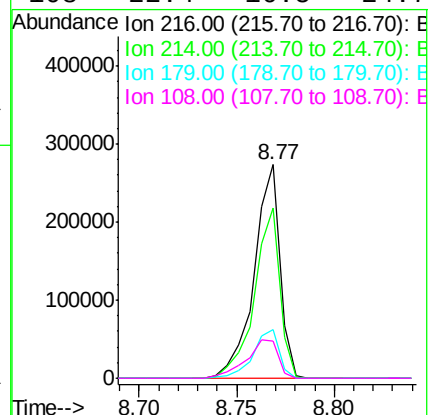
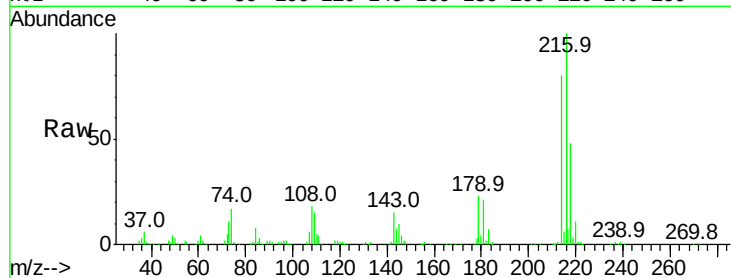
ClientSampleId :

WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	250801		
214	78.8	63.4	95.2	
179	23.2	17.9	26.9	
108	22.4	16.5	24.7	

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#40

Hexachlorocyclopentadiene

Concen: 86.211 ng

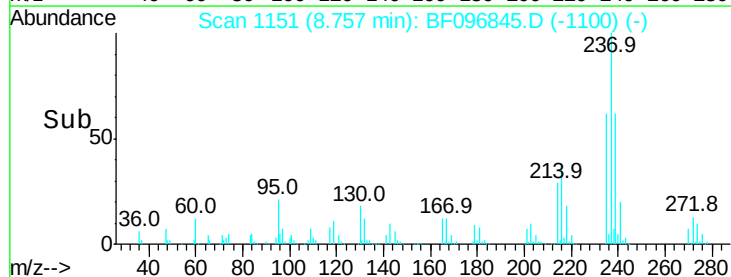
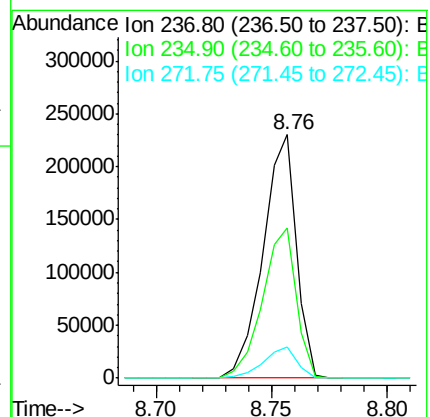
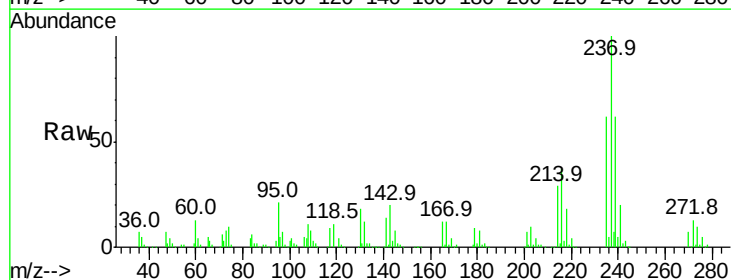
RT: 8.76 min Scan# 1151

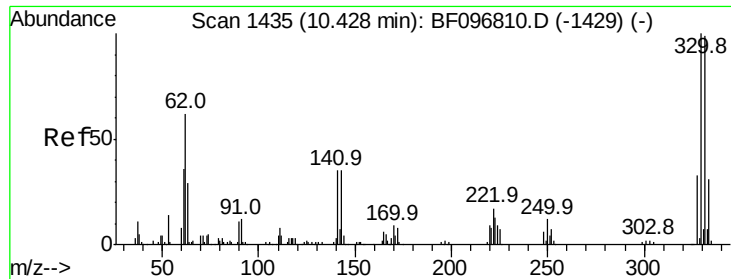
Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	230909		
235	61.6	42.6	82.6	
272	12.8	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 109.820 ng

RT: 10.42 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

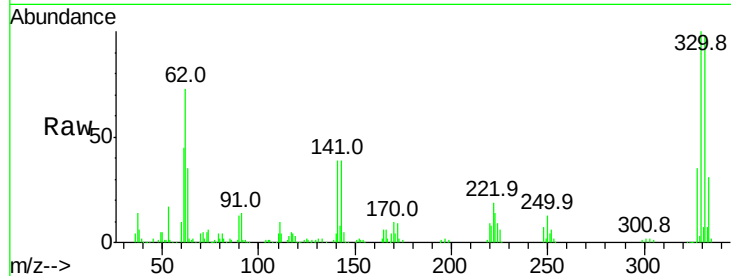
ClientSampleId :

WC071417-1NEMS

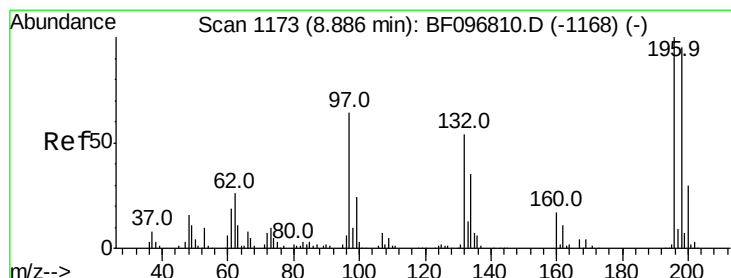
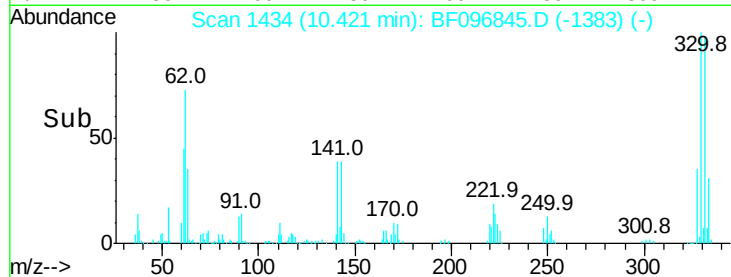
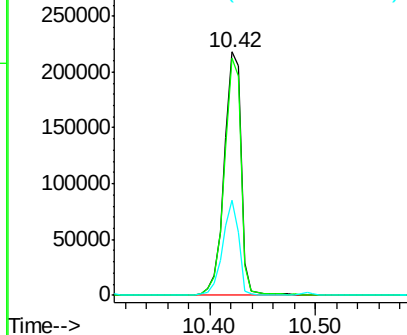
Tot Ion:	330	Resp:	245776
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.6	115.0
141	37.2	31.4	47.2

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



#42

2,4,6-Trichlorophenol

Concen: 39.520 ng

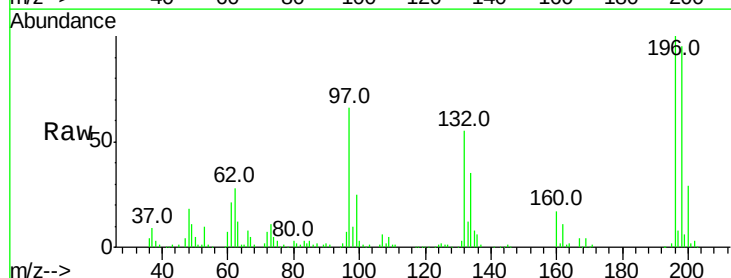
RT: 8.88 min Scan# 1172

Delta R.T. -0.00 min

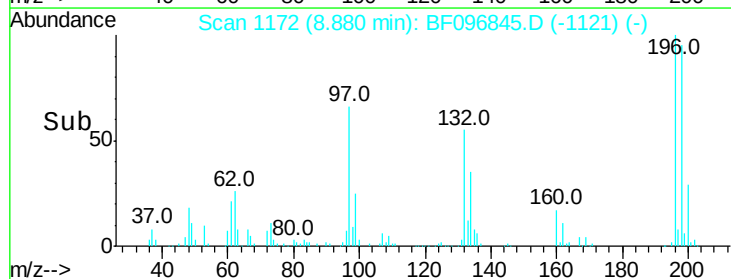
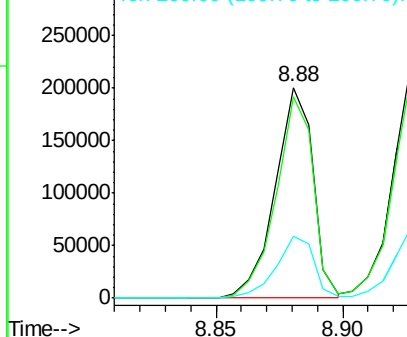
Lab File: BF096845.D

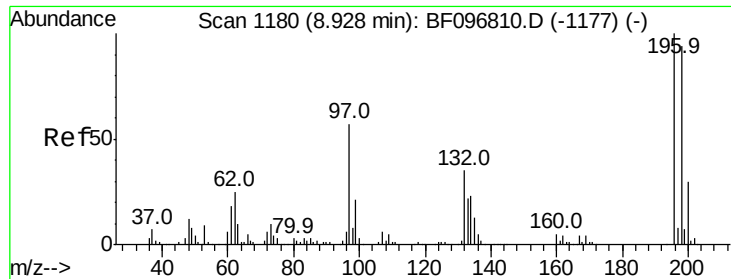
Acq: 18 Jul 2017 13:58

Tgt Ion:	196	Resp:	206608
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.2	111.4
200	29.2	24.0	36.0



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





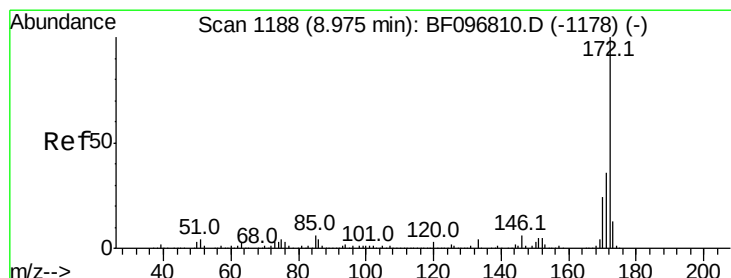
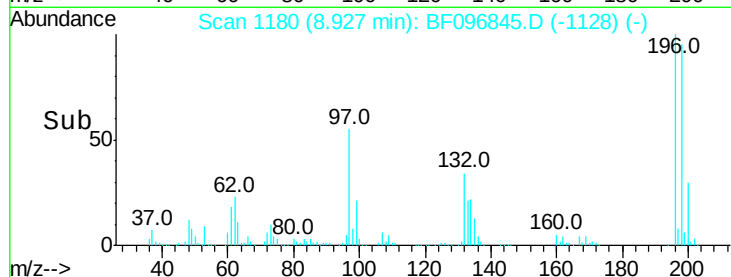
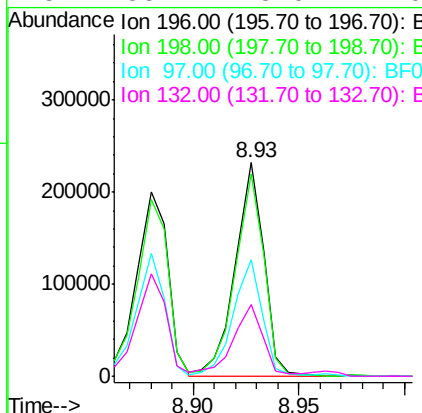
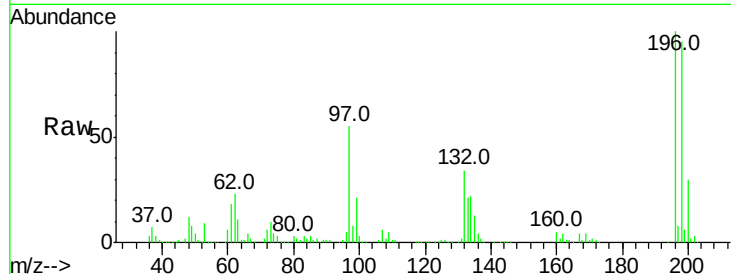
#43
 2,4,5-Trichlorophenol
 Concen: 41.211 ng
 RT: 8.93 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217287		
198	95.0	75.7	113.5	
97	54.8	47.7	71.5	
132	33.7	28.0	42.0	

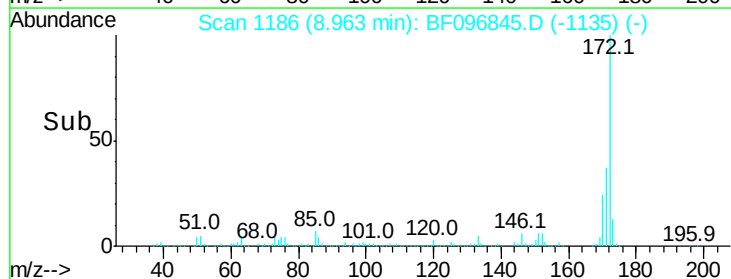
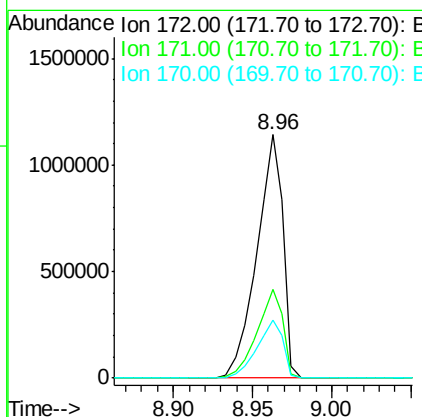
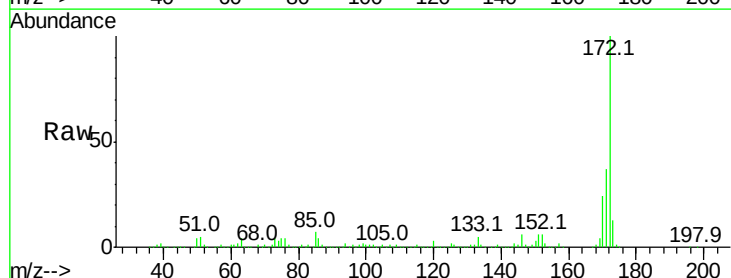
Manual Integrations
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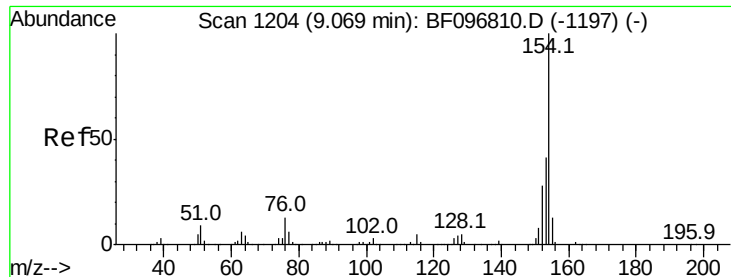
mohammad
 7/19/2017 2:31:14 PM



#44
 2-Fluorobiphenyl
 Concen: 79.189 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1314144		
171	36.6	29.6	44.4	
170	24.1	19.8	29.8	





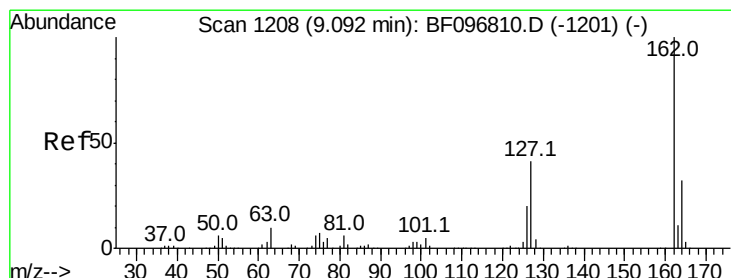
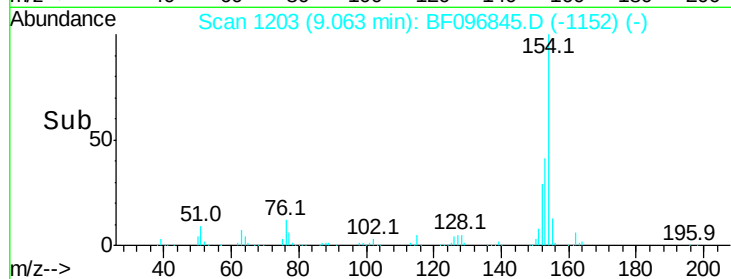
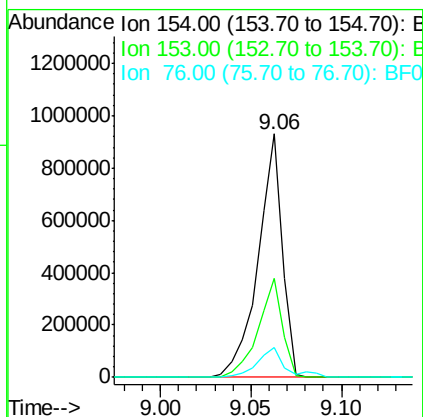
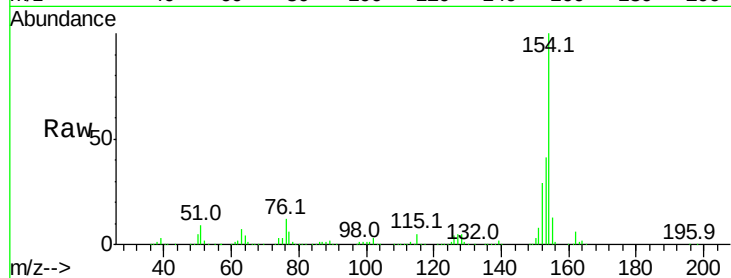
#45
1,1'-Biphenyl
Concen: 38.464 ng
RT: 9.06 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.2	61.2	
76	12.2	0.0	29.9	

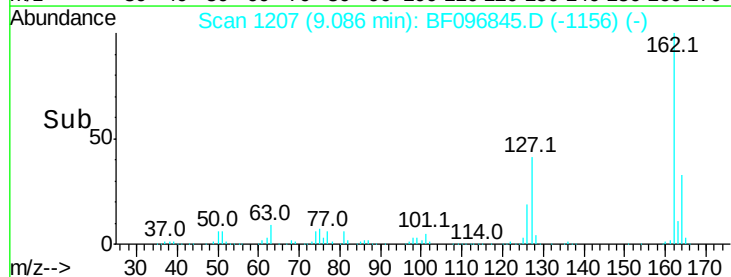
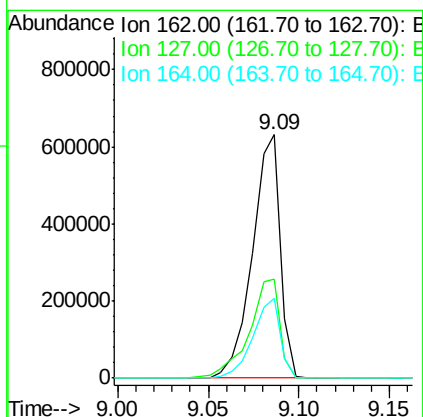
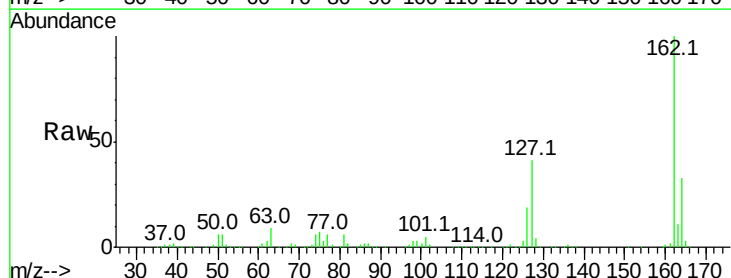
Manual Integrations
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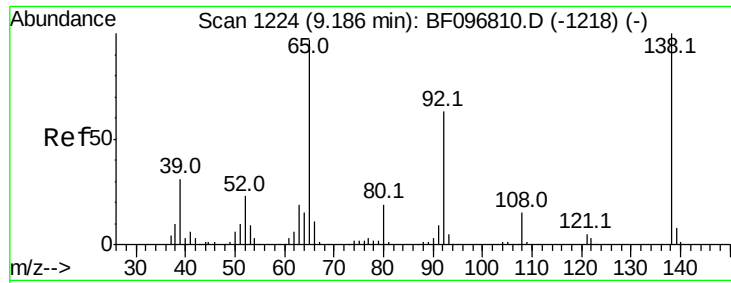
mohammad
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#46
2-Chloronaphthalene
Concen: 40.732 ng
RT: 9.09 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.6	28.3	42.5	
164	32.6	27.0	40.4	





#47

2-Nitroaniline

Concen: 44.415 ng

RT: 9.18 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

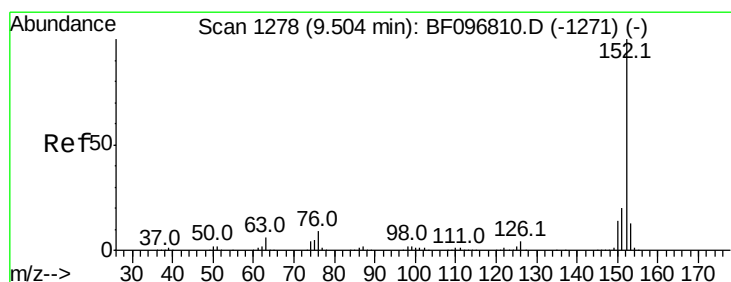
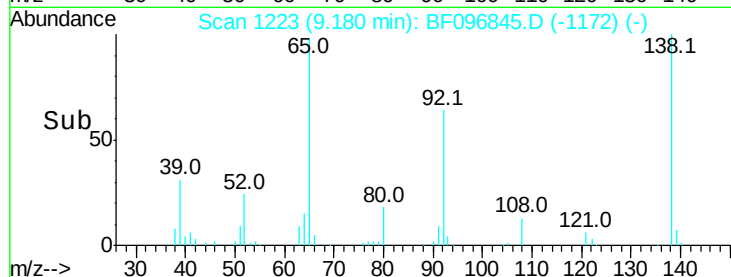
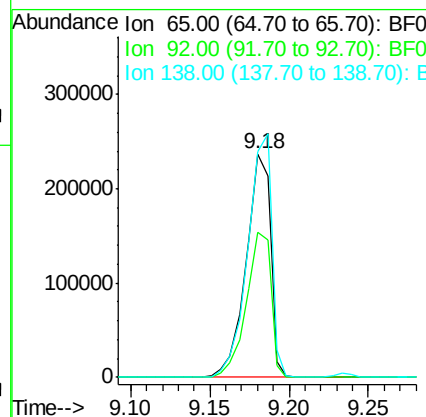
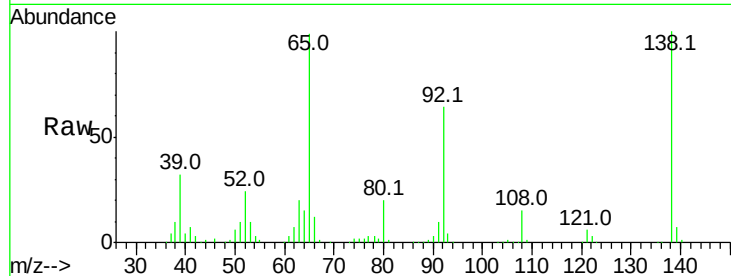
WC071417-1NEMS

Tot Ion: 65 Resp: 252789

Ion	Ratio	Lower	Upper
65	100		
92	65.0	53.9	80.9
138	101.1	78.8	118.2

Manual Integrations
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#48

Acenaphthylene

Concen: 40.105 ng

RT: 9.50 min Scan# 1277

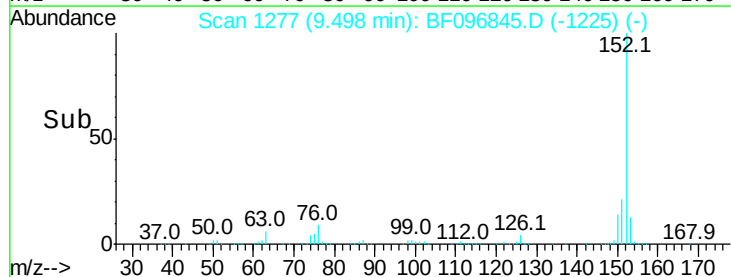
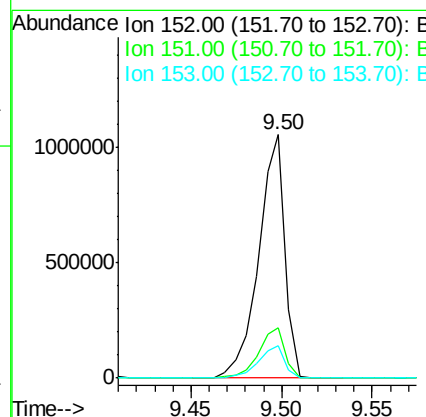
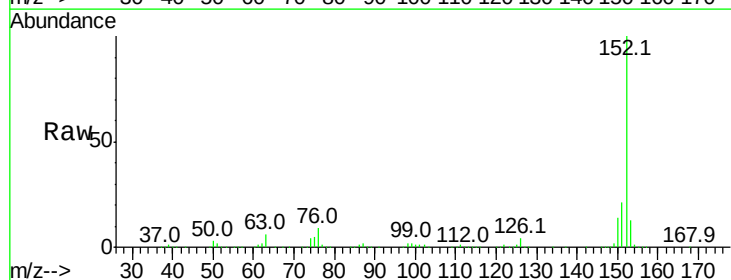
Delta R.T. 0.01 min

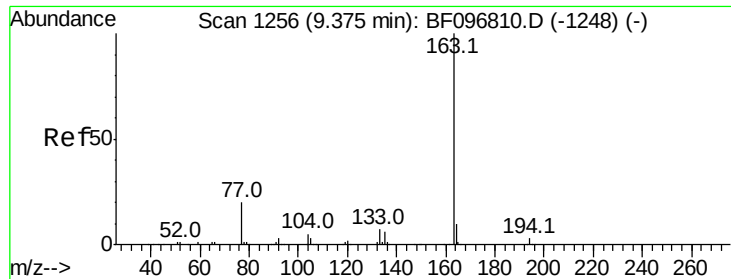
Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion: 152 Resp: 1058050

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.1	10.8	16.2





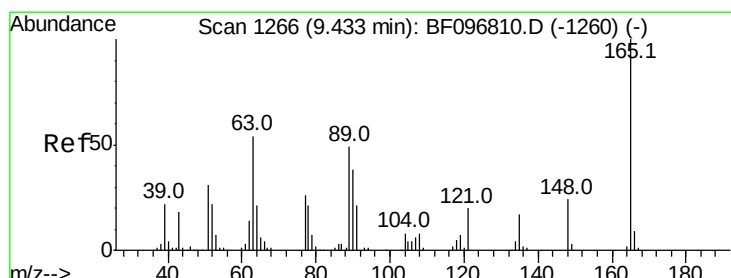
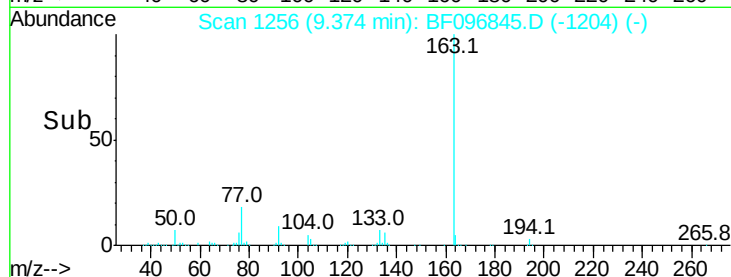
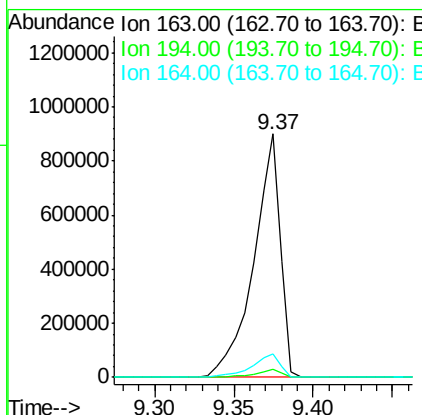
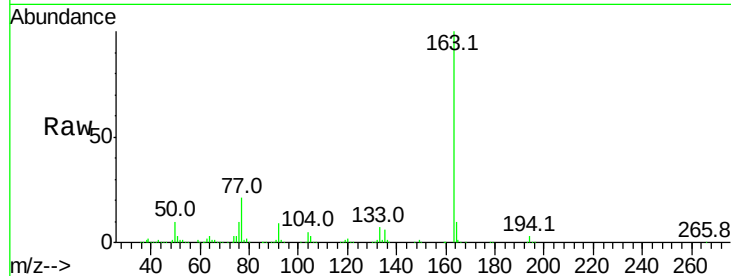
#49
Dimethylphthalate
Concen: 53.314 ng
RT: 9.37 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.4	12.6

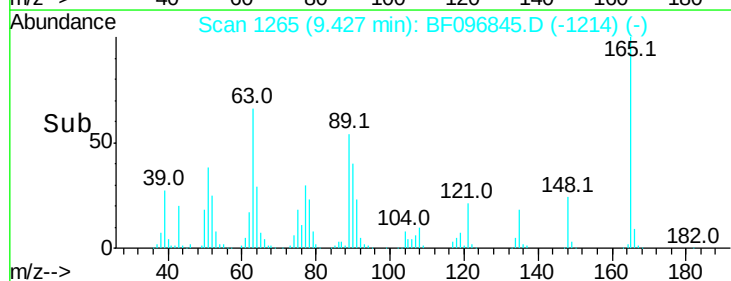
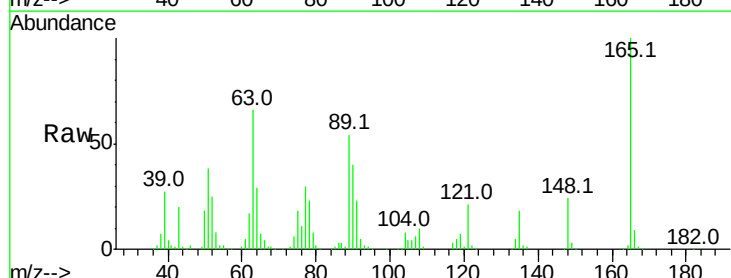
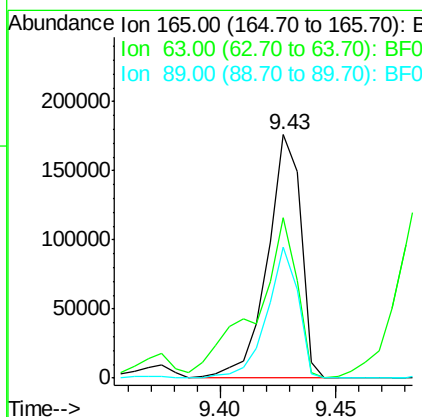
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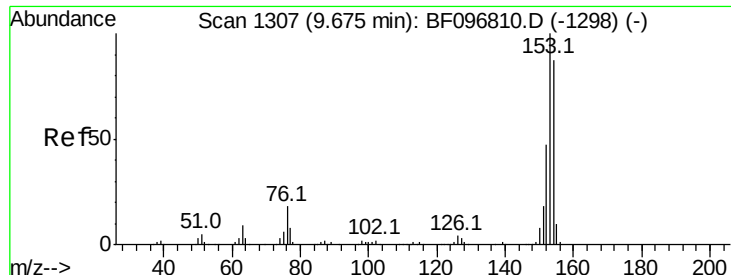
mohammad
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#50
2,6-Dinitrotoluene
Concen: 41.159 ng
RT: 9.43 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.9	34.3	51.5#
89	53.9	37.1	55.7





#51

Acenaphthene

Concen: 38.759 ng

RT: 9.67 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

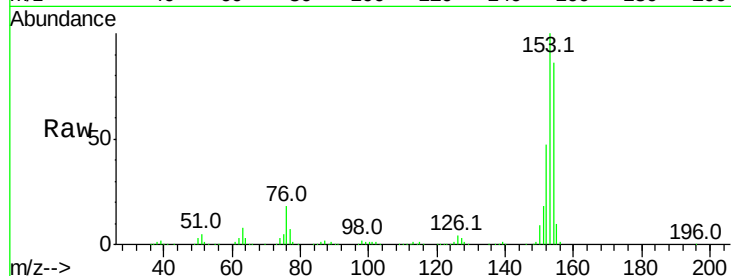
ClientSampleId :

WC071417-1NEMS

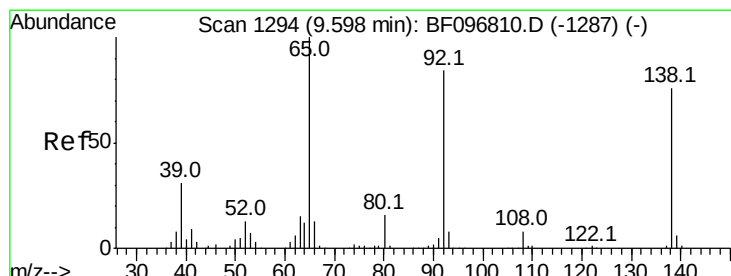
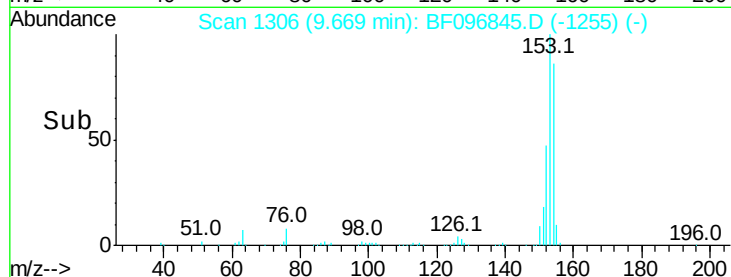
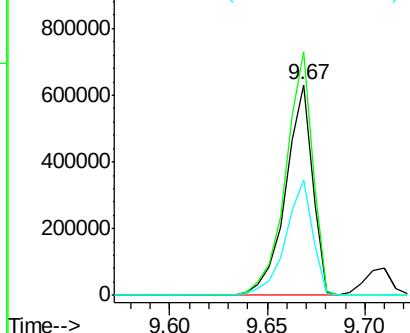
Tot Ion:	154	Resp:	604050
Ion Ratio	Lower	Upper	
154	100		
153	115.6	90.5	135.7
152	54.7	43.6	65.4

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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: 28.688 ng

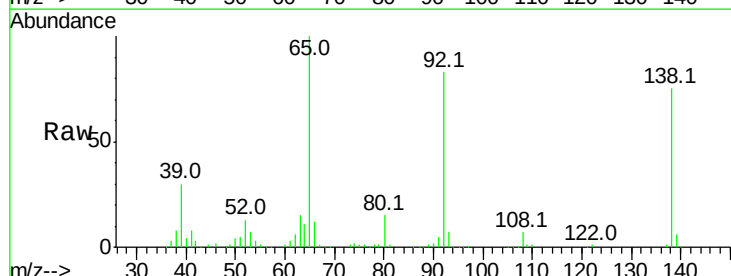
RT: 9.59 min Scan# 1293

Delta R.T. -0.00 min

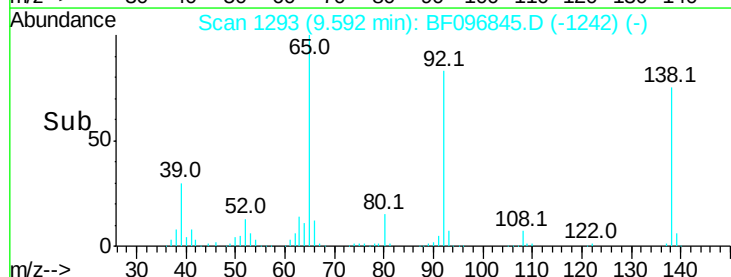
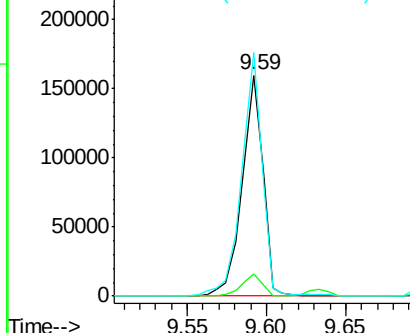
Lab File: BF096845.D

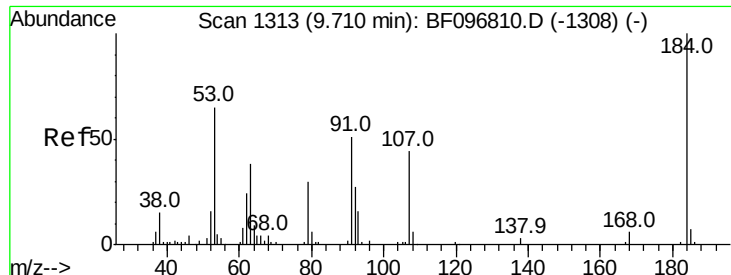
Acq: 18 Jul 2017 13:58

Tgt Ion:	138	Resp:	145324
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.1	13.7
92	110.3	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





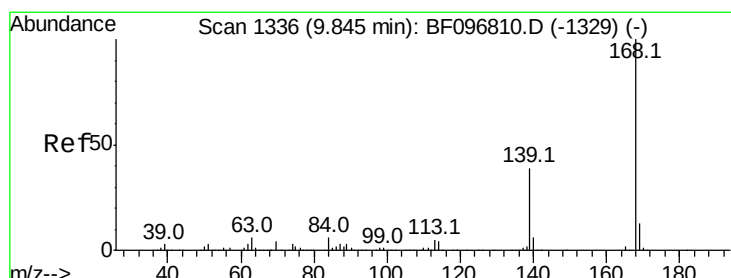
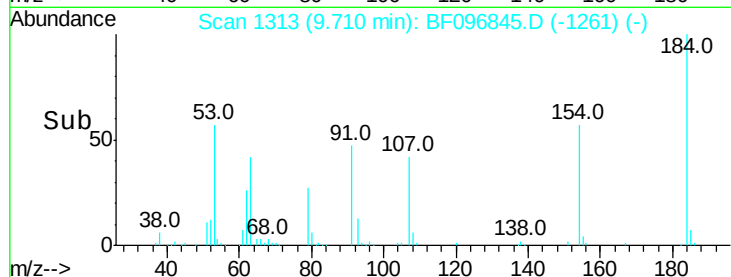
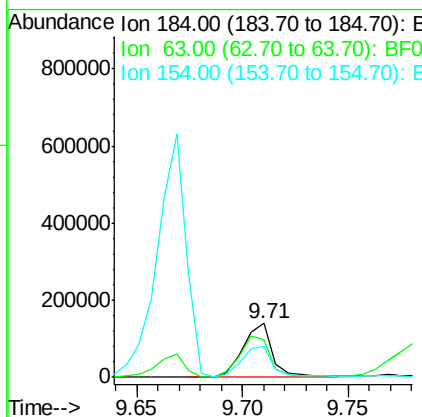
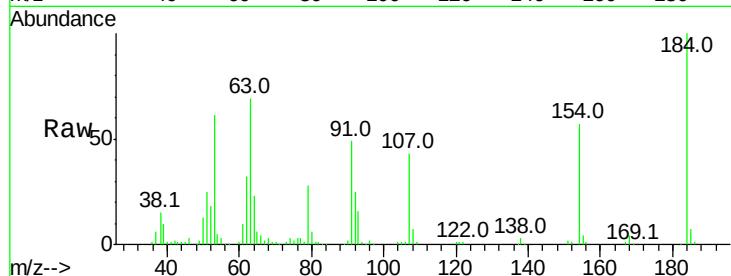
#53
2,4-Dinitrophenol
Concen: 66.519 ng
RT: 9.71 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	138212		
63	69.2	62.7	94.1	
154	57.2	81.1	121.7	

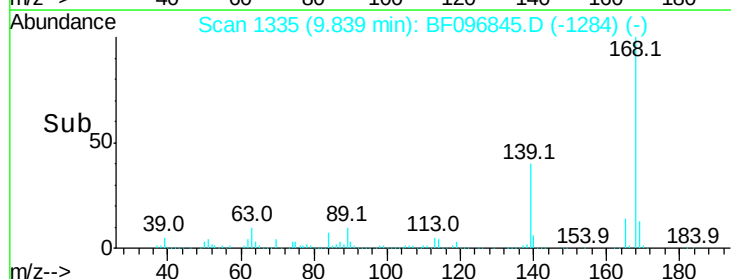
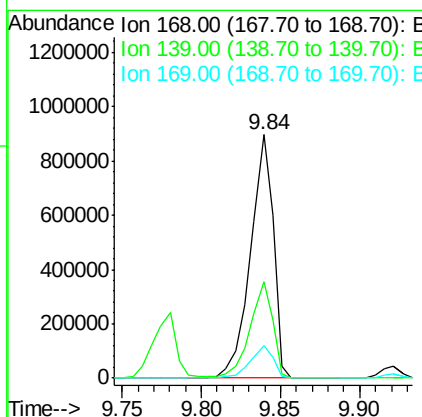
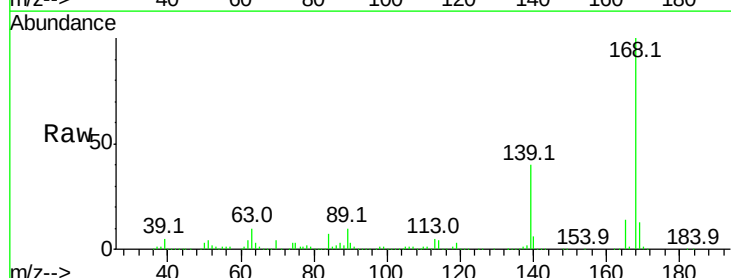
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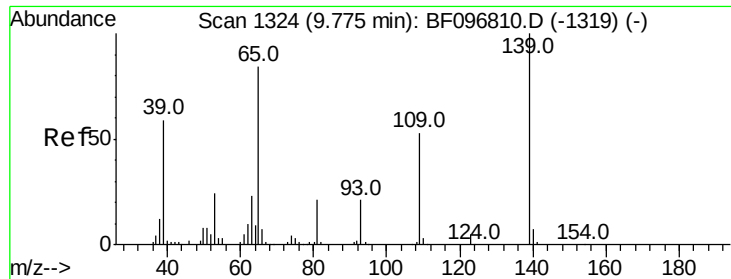
mohammad
7/19/2017 2:31:14 PM



#54
Dibenzofuran
Concen: 40.976 ng
RT: 9.84 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	894894		
139	39.8	30.6	45.8	
169	13.2	10.8	16.2	





#55

4-Nitrophenol

Concen: 66.168 ng

RT: 9.78 min Scan# 1325

Delta R.T. 0.02 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

Tot Ion:139 Resp: 244877

Ion Ratio Lower Upper

139 100

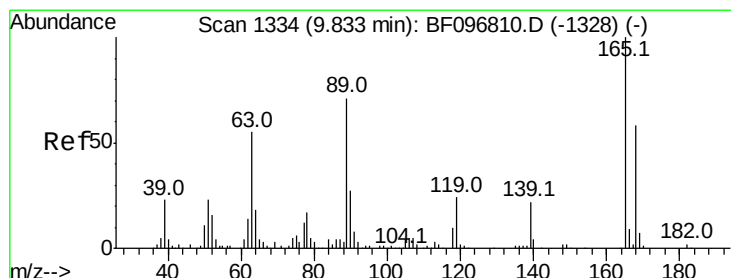
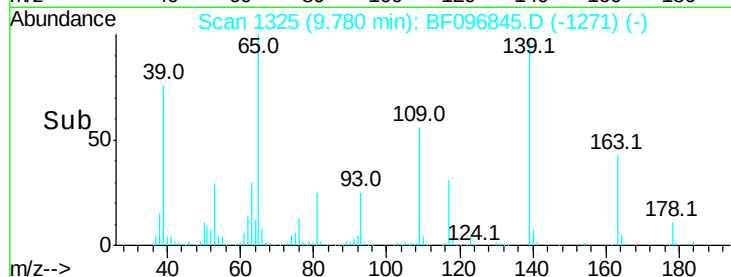
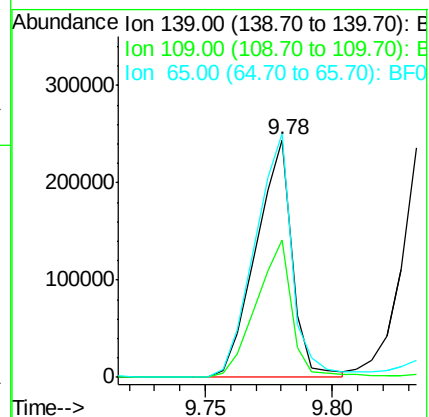
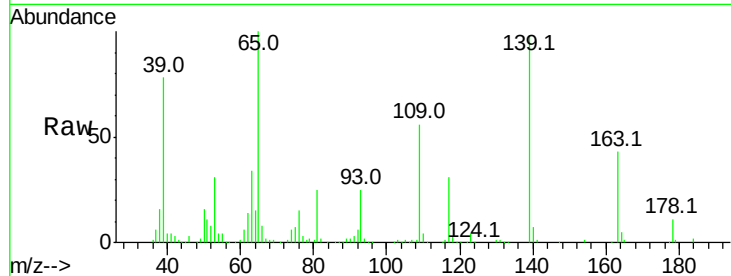
109 57.7 34.1 74.1

65 102.4 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 39.753 ng

RT: 9.83 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:165 Resp: 218433

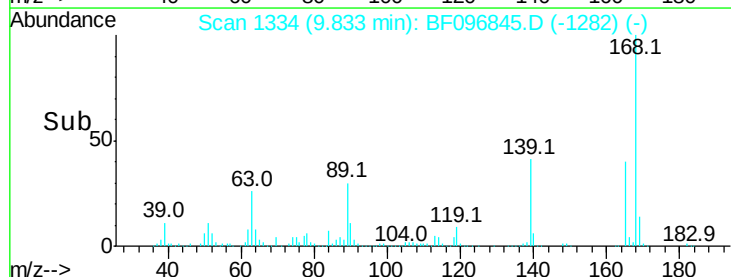
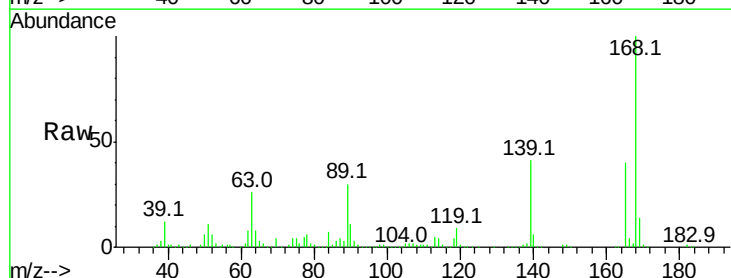
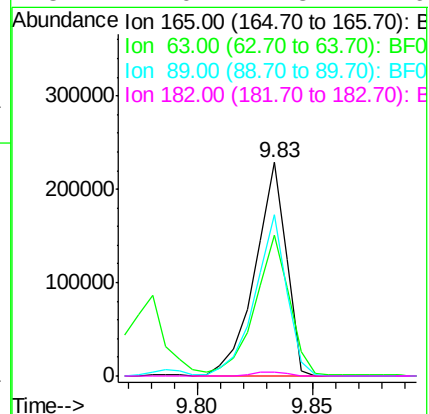
Ion Ratio Lower Upper

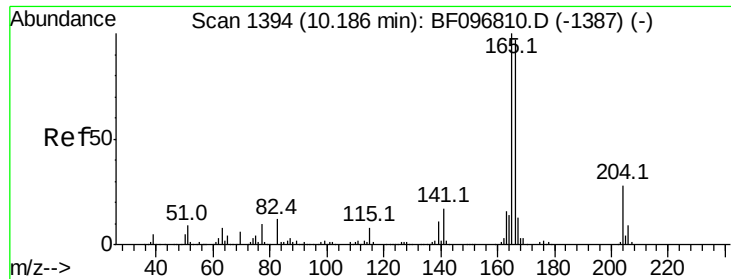
165 100

63 65.7 25.4 38.0#

89 75.5 46.4 69.6#

182 2.0 1.8 2.6





#57

Fluorene

Concen: 41.022 ng

RT: 10.18 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

Tot Ion:166 Resp: 662036

Ion Ratio Lower Upper

166 100

165 101.8 78.8 118.2

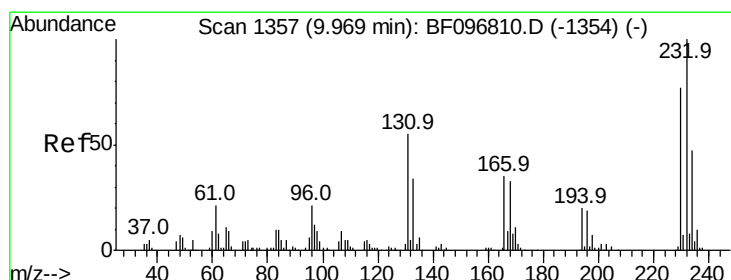
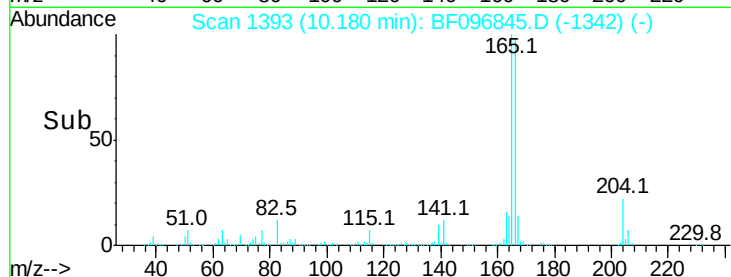
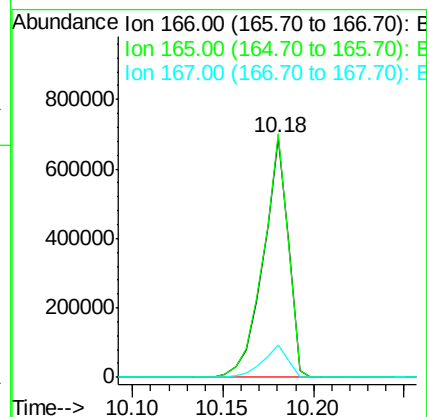
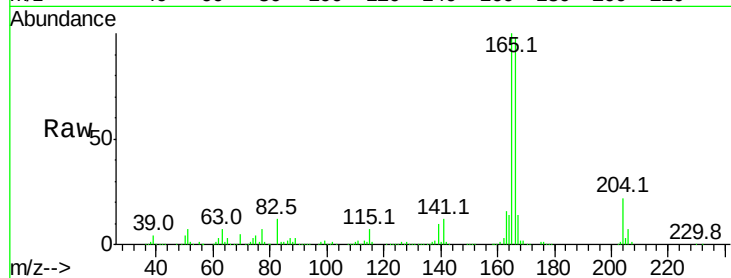
167 13.8 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.759 ng

RT: 9.96 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:232 Resp: 163669

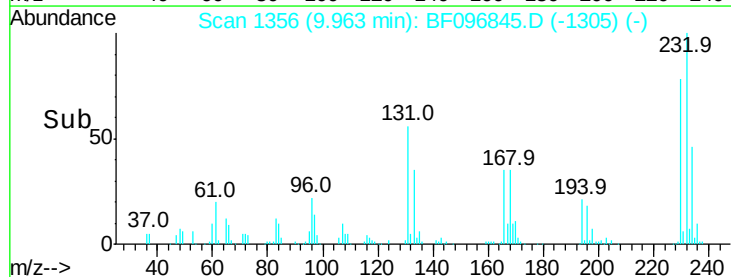
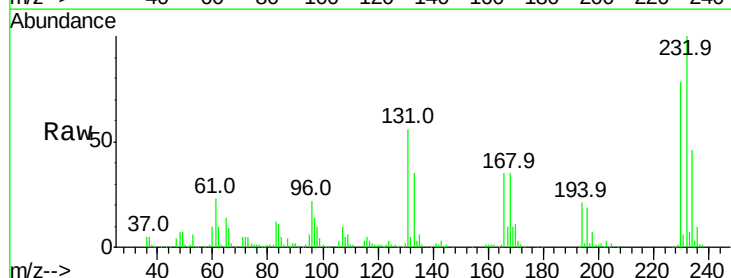
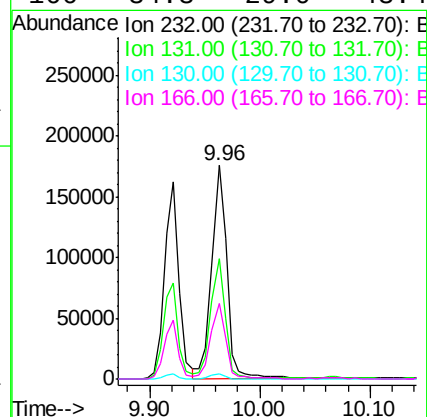
Ion Ratio Lower Upper

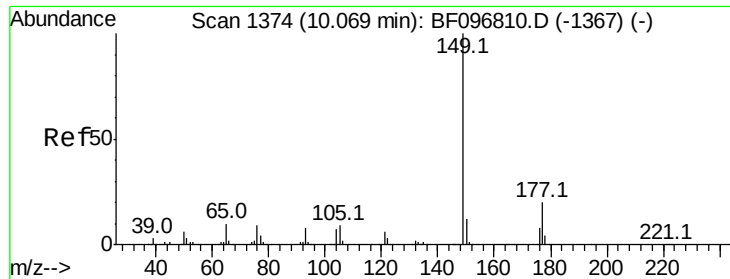
232 100

131 55.0 44.8 67.2

130 2.4 2.3 3.5

166 34.3 29.0 43.4





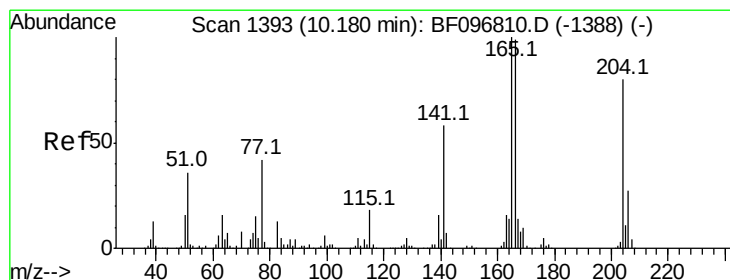
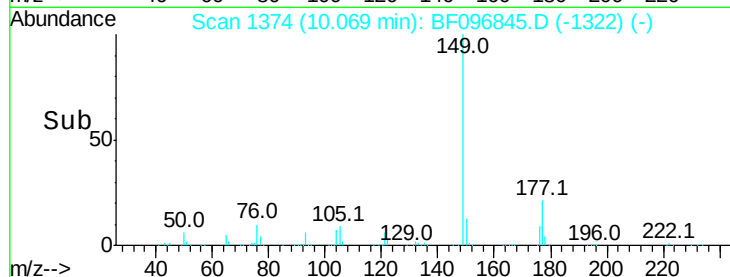
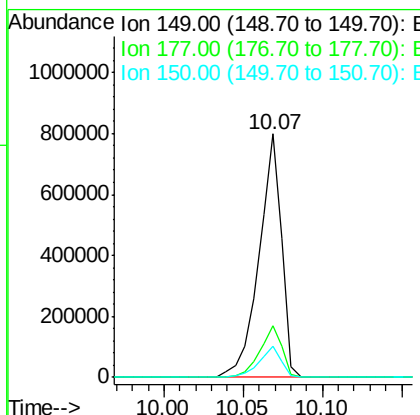
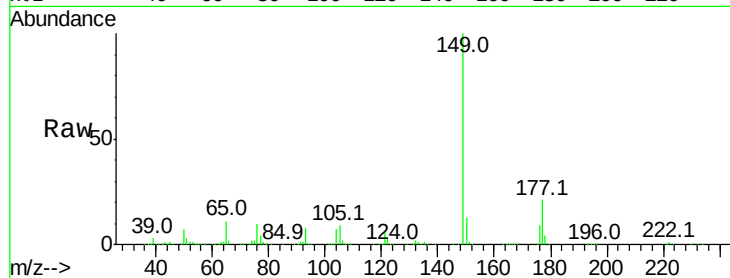
#59
Diethylphthalate
Concen: 41.192 ng
RT: 10.07 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	791665		
177	21.2	16.7	25.1	
150	12.8	10.2	15.2	

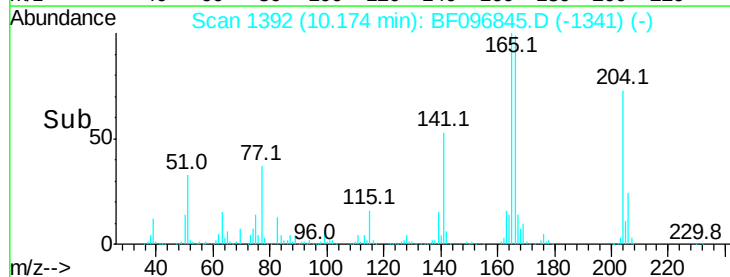
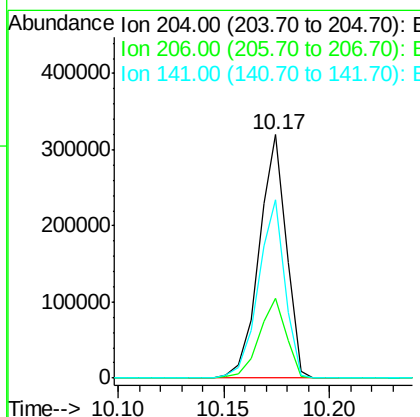
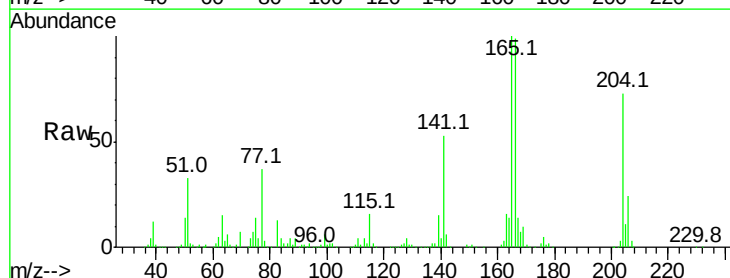
Manual Integrations
APPROVED

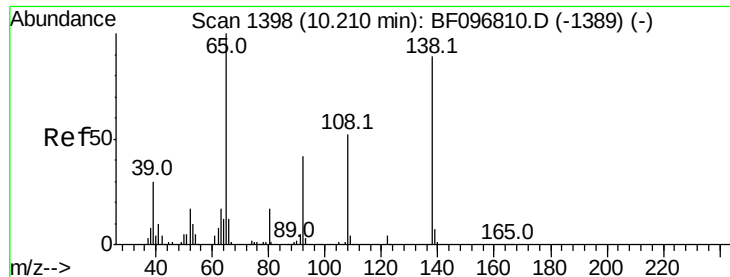
mohammad
7/19/2017 2:31:14 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.000 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	285810		
206	32.9	26.2	39.2	
141	73.1	60.8	91.2	





#61

4-Nitroaniline

Concen: 45.088 ng

RT: 10.21 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

Tot Ion:138 Resp: 214479

Ion Ratio Lower Upper

138 100

92 49.9 21.8 61.8

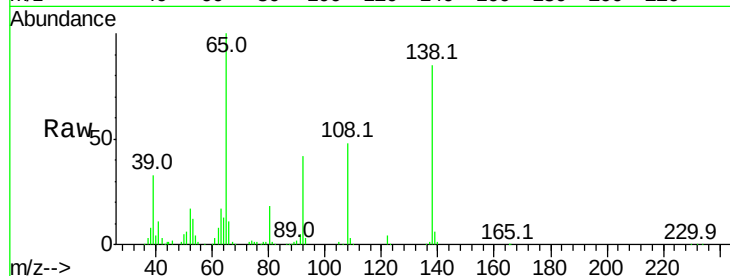
108 56.8 42.3 82.3

Manual Integrations

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mohammad

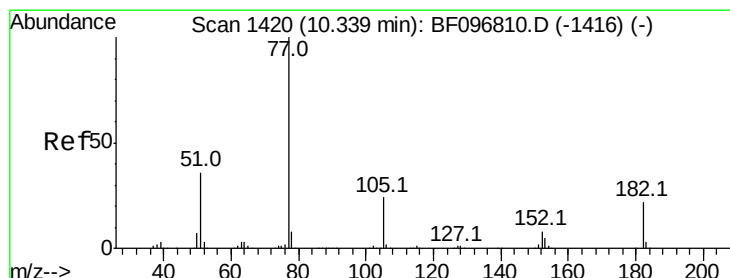
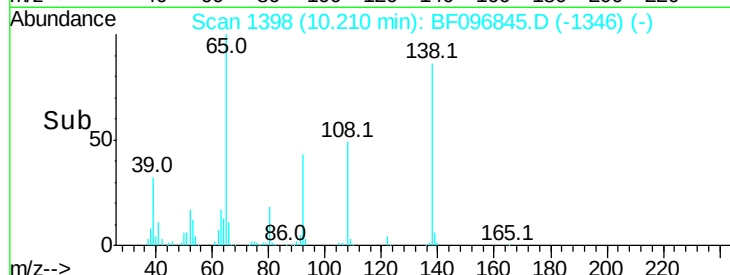
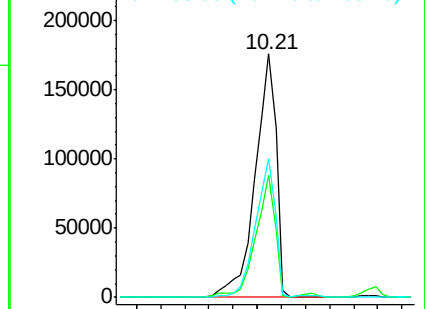
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.385 ng

RT: 10.33 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion: 77 Resp: 701668

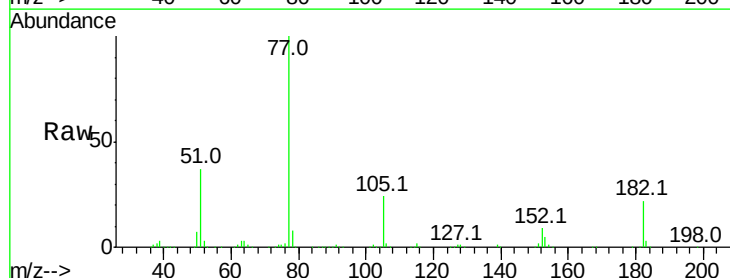
Ion Ratio Lower Upper

77 100

182 22.3 0.1 40.1

105 24.1 3.6 43.6

51 37.0 9.4 49.4

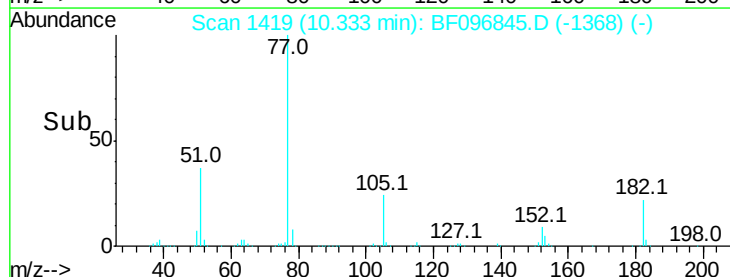
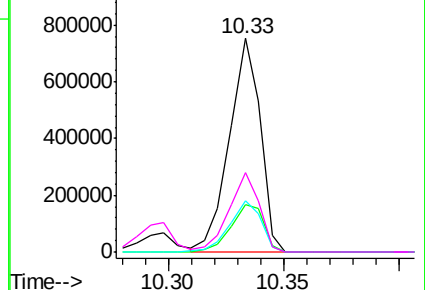


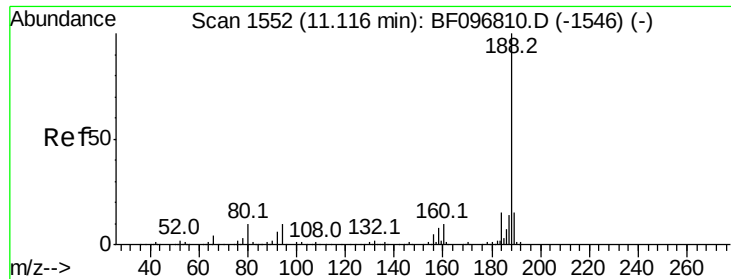
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





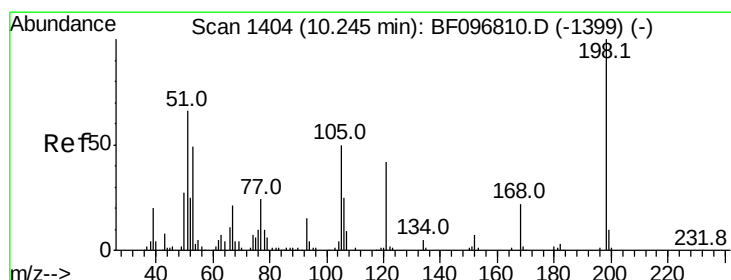
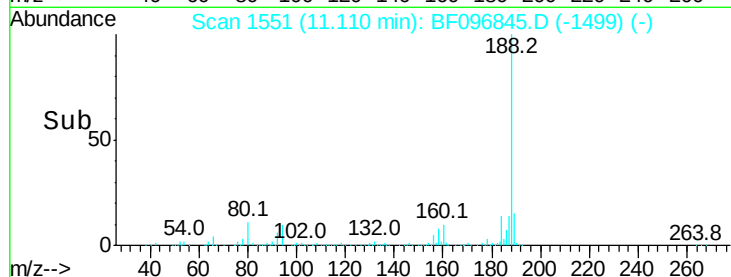
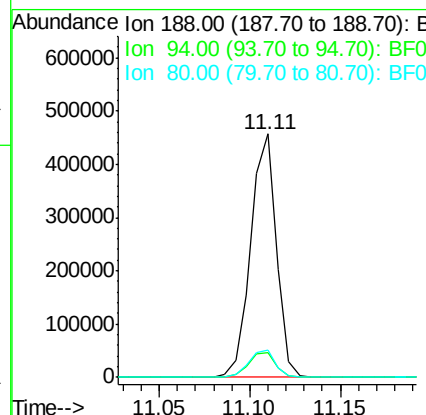
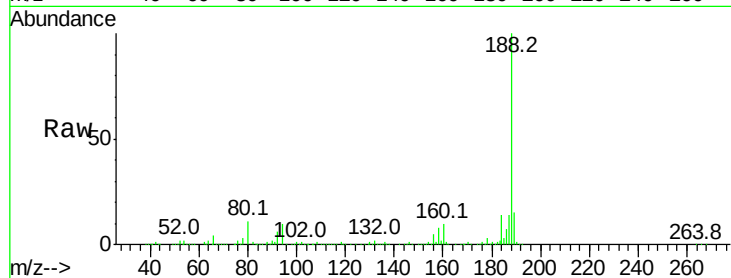
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	447713		
94	10.2		9.4	14.2
80	11.2		10.2	15.2

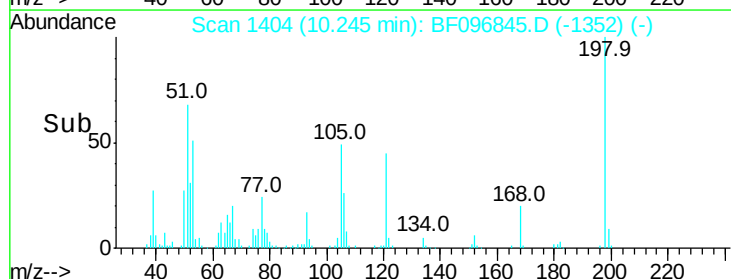
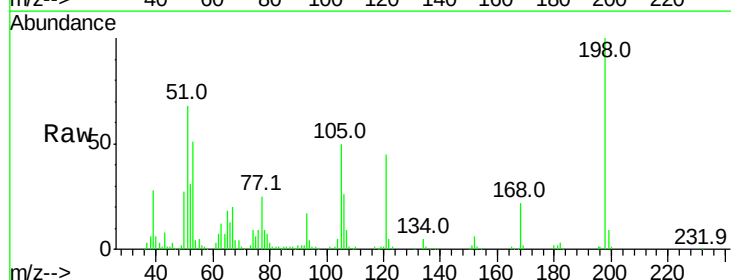
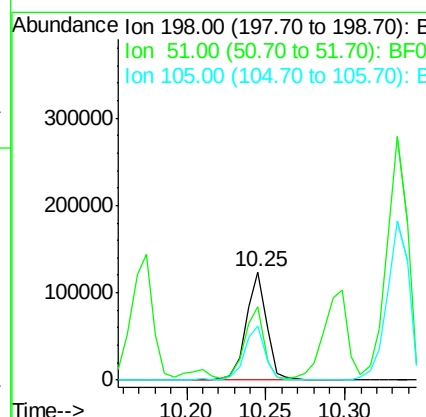
Manual Integrations
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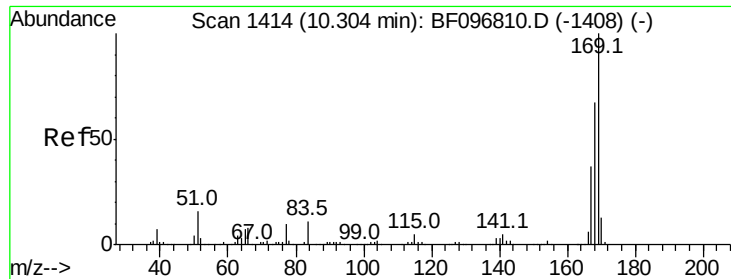
mohammad
7/19/2017 2:31:14 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 39.677 ng
RT: 10.25 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	111532		
51	68.1		53.2	93.2
105	49.7		45.8	85.8





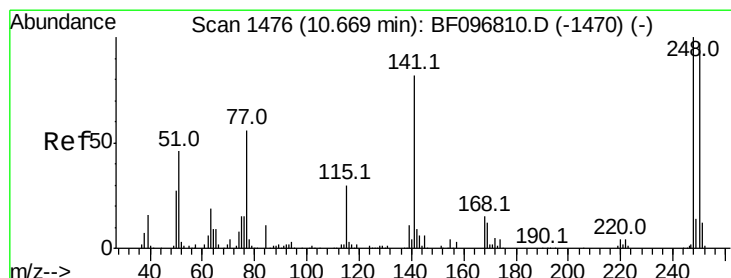
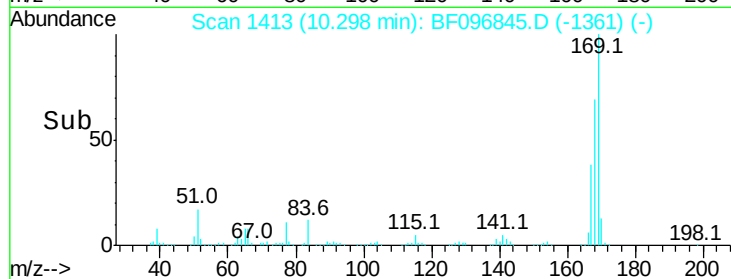
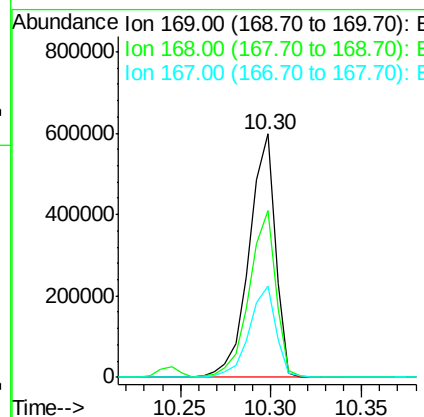
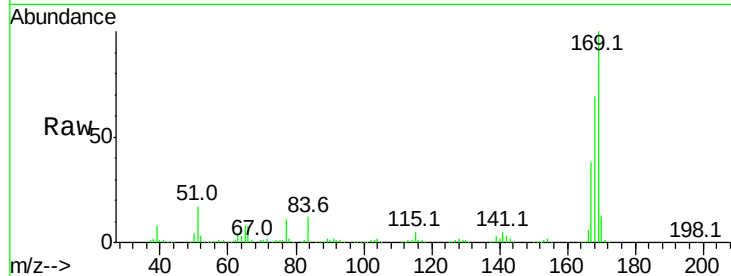
#65
 n-Nitrosodiphenylamine
 Concen: 37.655 ng
 RT: 10.30 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	602638		
168	68.5	53.2	79.8	
167	37.7	29.5	44.3	

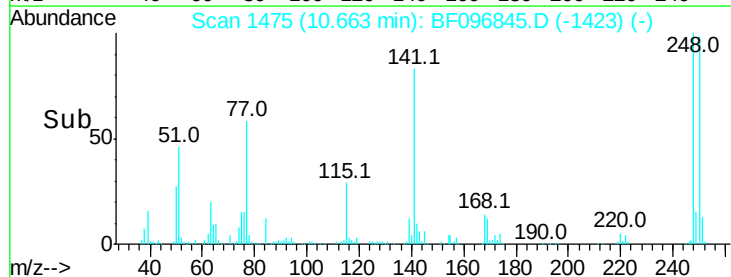
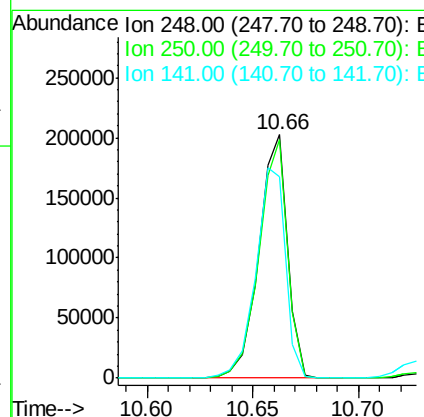
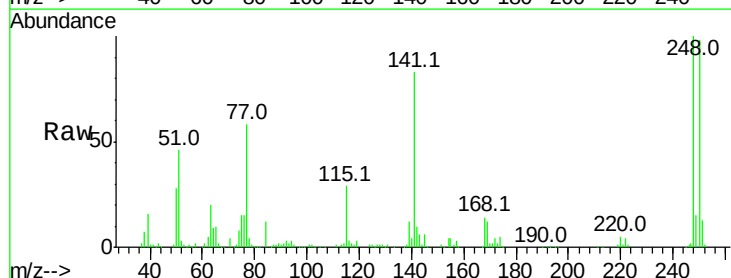
Manual Integrations
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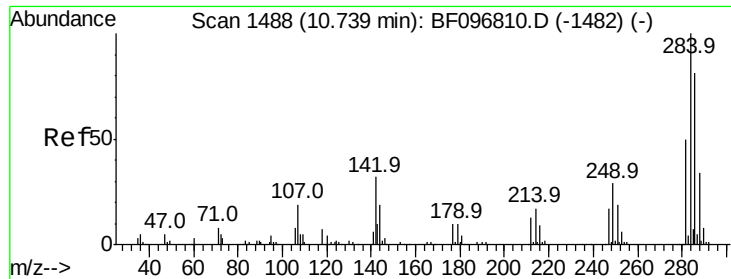
mohammad
 7/19/2017 2:31:14 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.886 ng
 RT: 10.66 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	191461		
250	98.2	76.8	115.2	
141	82.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 39.033 ng

RT: 10.73 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

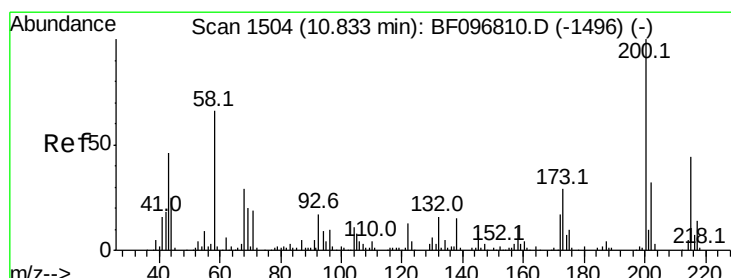
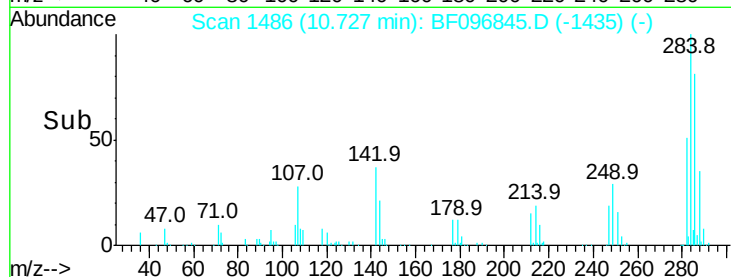
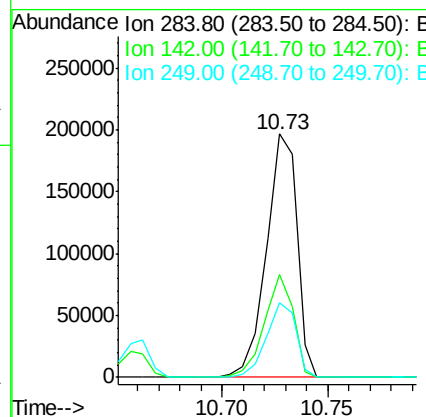
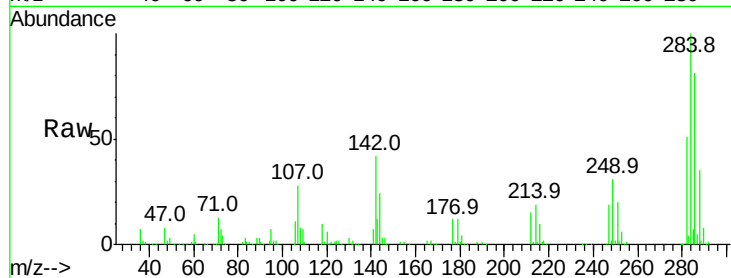
ClientSampleId :

WC071417-1NEMS

Tot Ion:	284	Resp:	198715
Ion Ratio	Lower	Upper	
284	100		
142	42.5	22.8	34.2#
249	30.9	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 40.467 ng

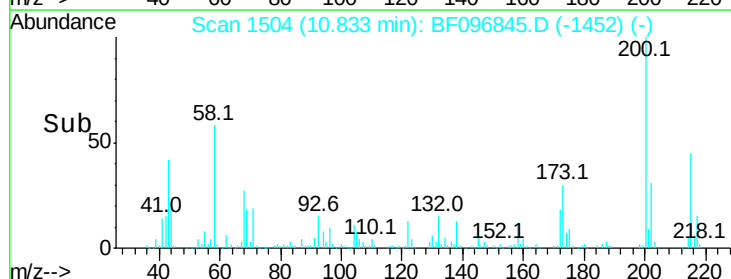
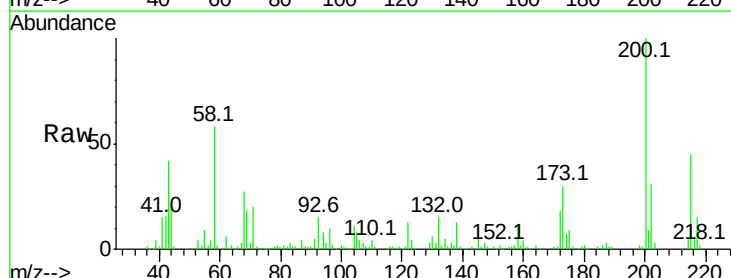
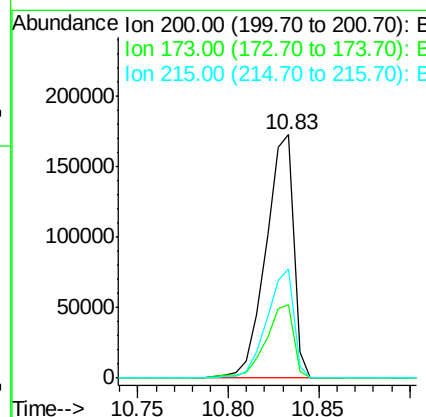
RT: 10.83 min Scan# 1504

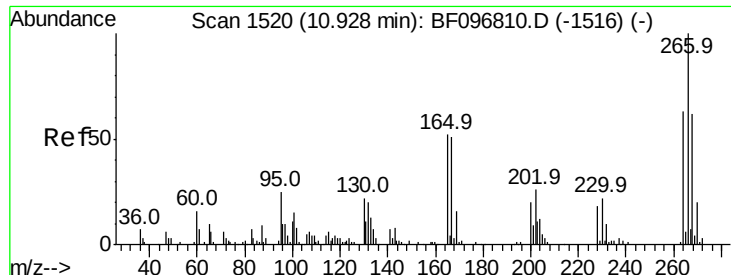
Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:	200	Resp:	184510
Ion Ratio	Lower	Upper	
200	100		
173	30.0	6.3	46.3
215	45.0	27.2	67.2





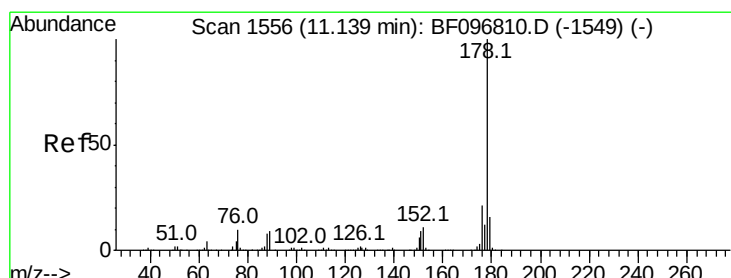
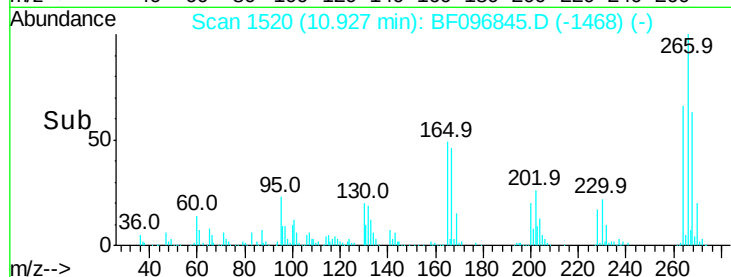
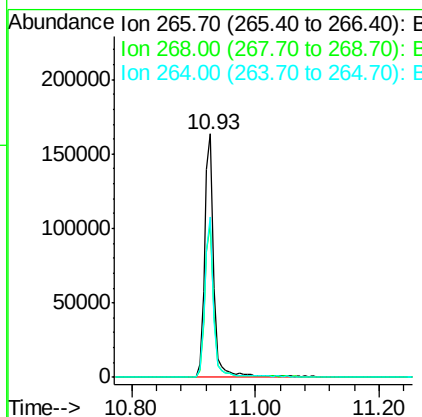
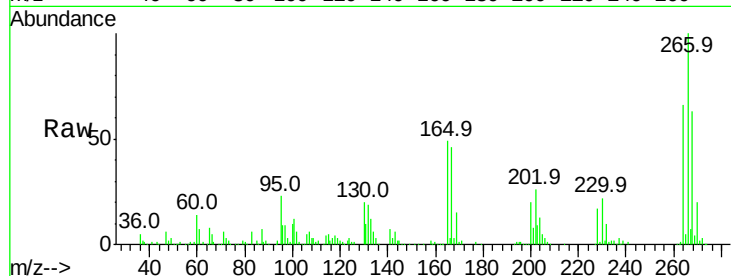
#69
 Pentachlorophenol
 Concen: 70.743 ng
 RT: 10.93 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	173986		
268	63.0		51.1	76.7
264	66.1		51.7	77.5

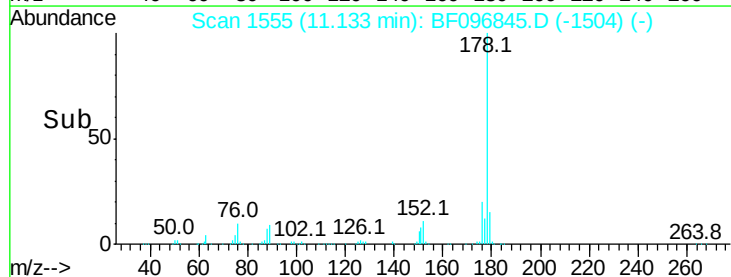
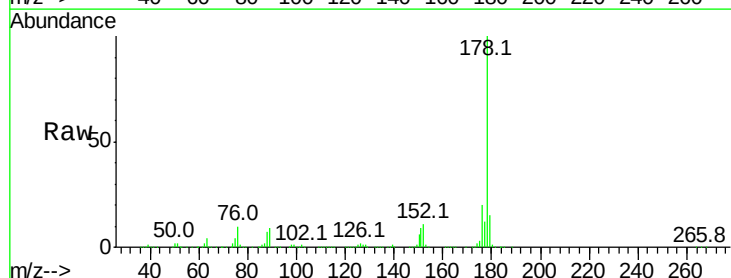
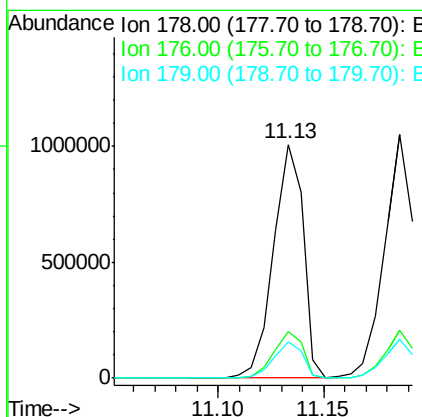
Manual Integrations
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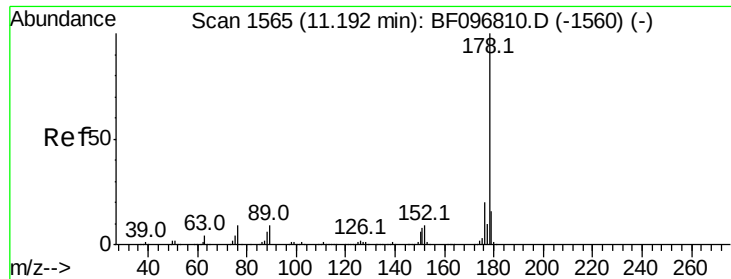
mohammad
 7/19/2017 2:31:14 PM



#70
 Phenanthrene
 Concen: 40.687 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	990481		
176	20.0		16.2	24.4
179	15.5		12.6	19.0





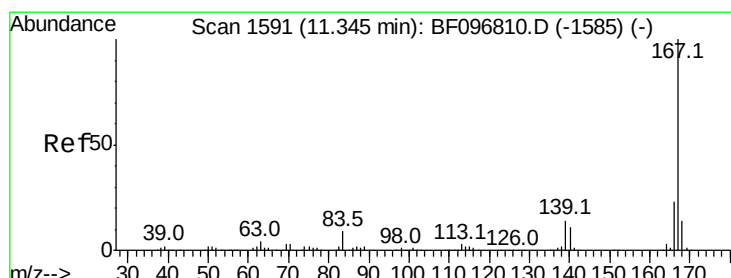
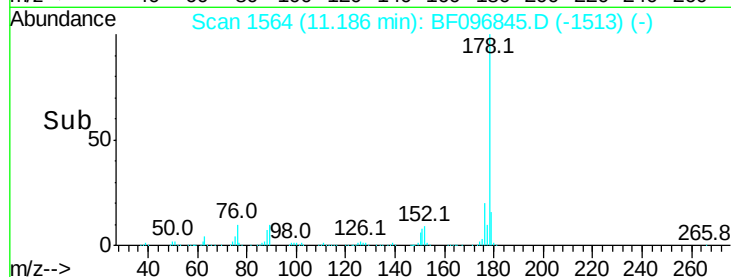
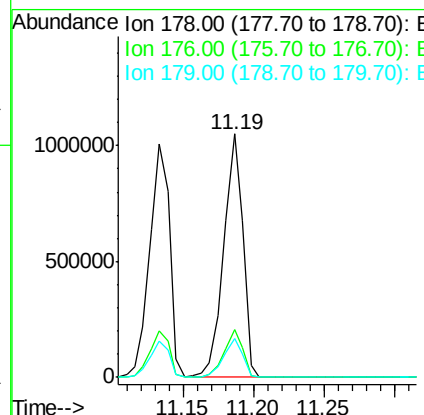
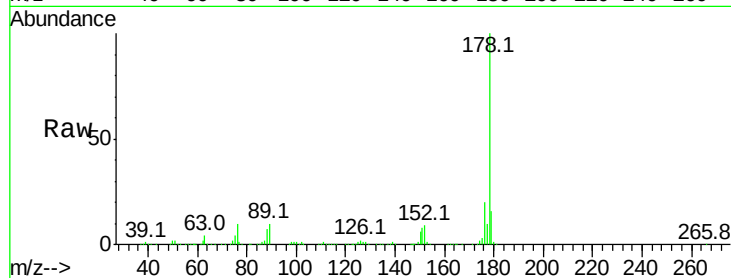
#71
 Anthracene
 Concen: 40.285 ng
 RT: 11.19 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	12.7	19.1

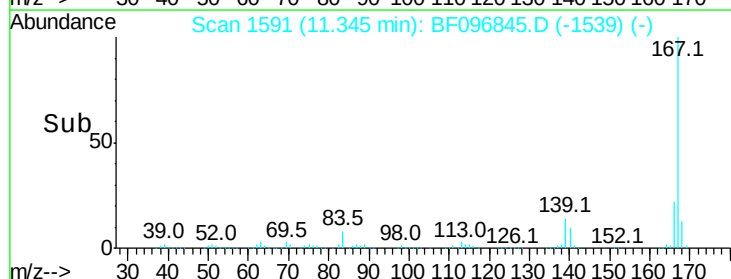
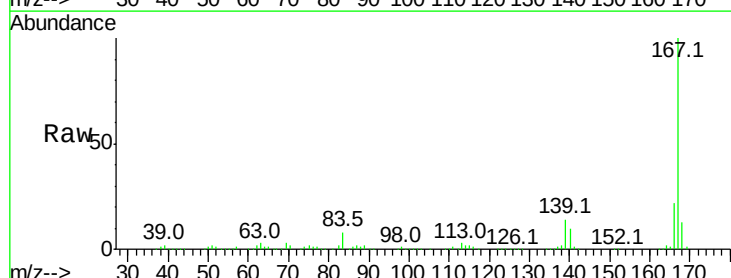
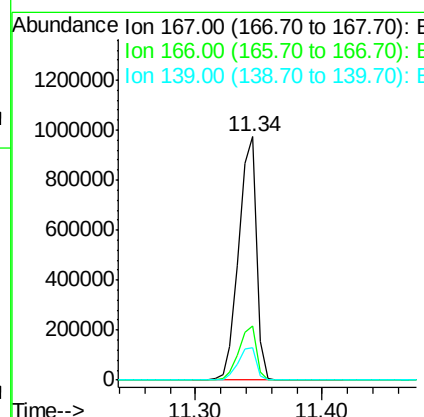
Manual Integrations
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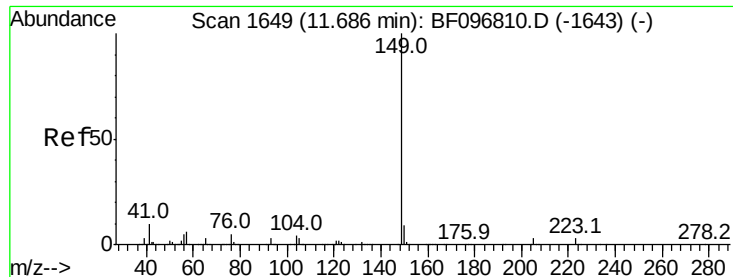
mohammad
 7/19/2017 2:31:14 PM



#72
 Carbazole
 Concen: 39.184 ng
 RT: 11.34 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.301 ng

RT: 11.68 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

Tot Ion:149 Resp: 1166618

Ion Ratio Lower Upper

149 100

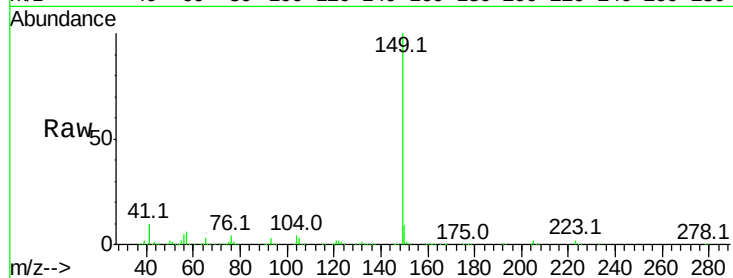
150 9.3 7.7 11.5

104 4.4 4.0 6.0

Manual Integrations
APPROVED

mohammad

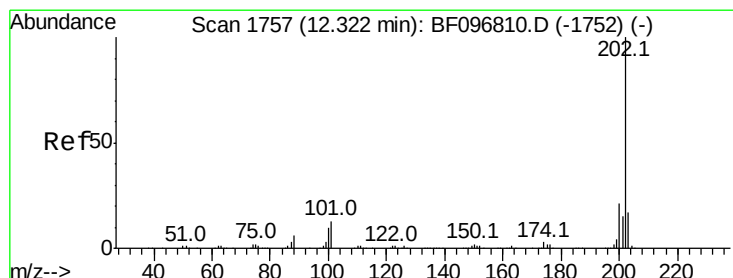
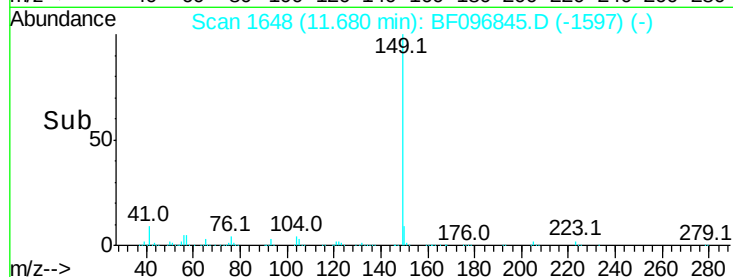
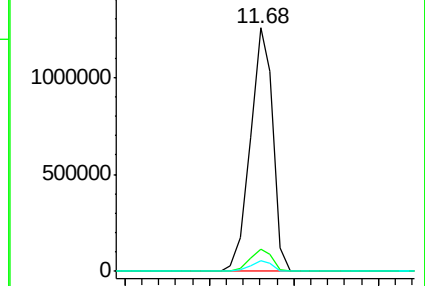
7/19/2017 2:31:14 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.757 ng

RT: 12.32 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

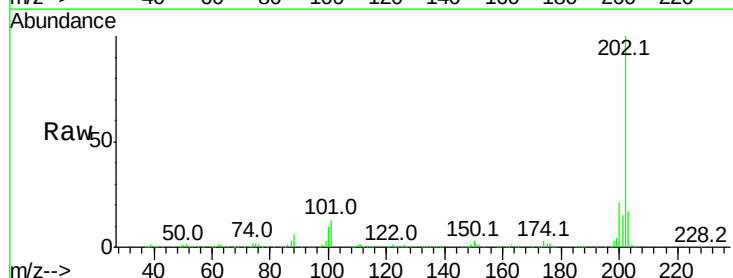
Tgt Ion:202 Resp: 949679

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

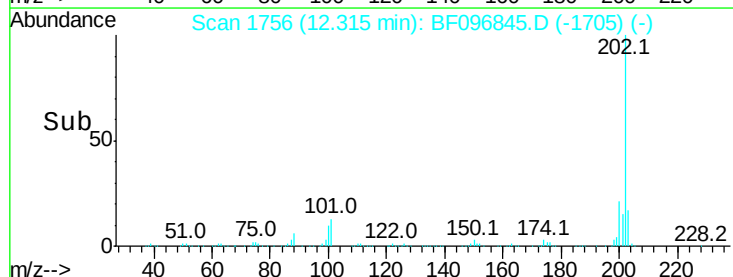
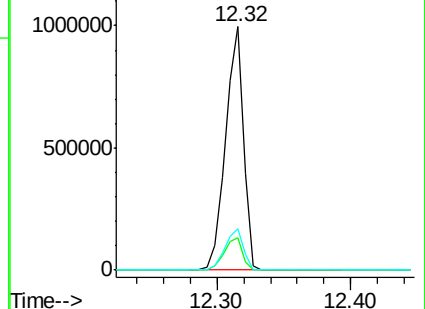
203 17.1 0.0 38.1

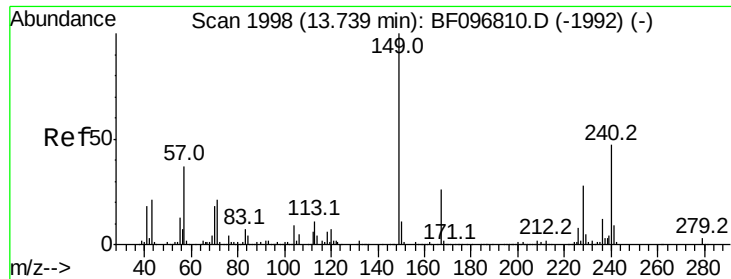


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

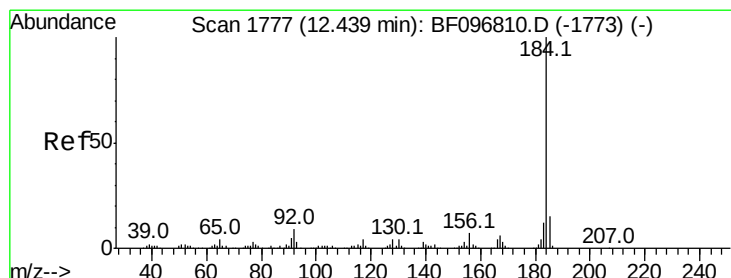
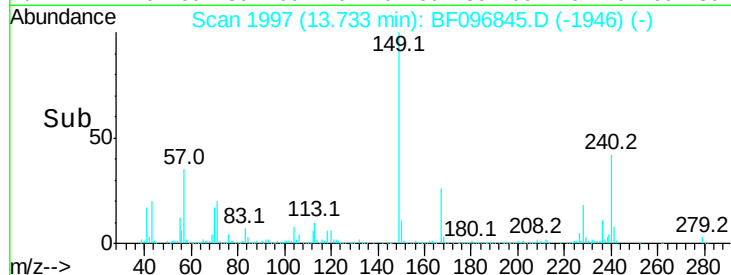
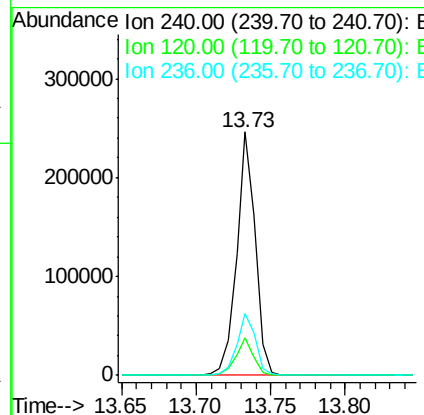
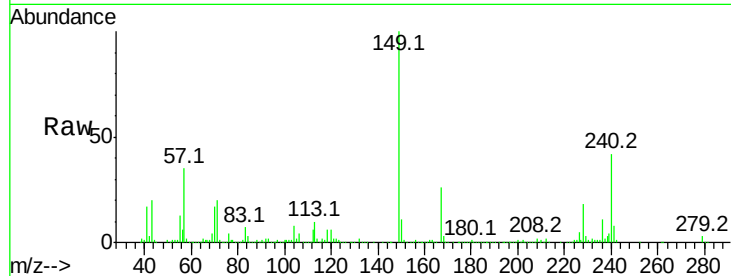
ClientSampleId :

WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	25.6	20.5	30.7

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#76

Benzidine

Concen: 41.707 ng

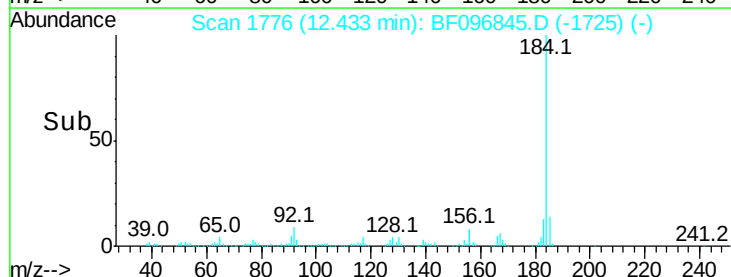
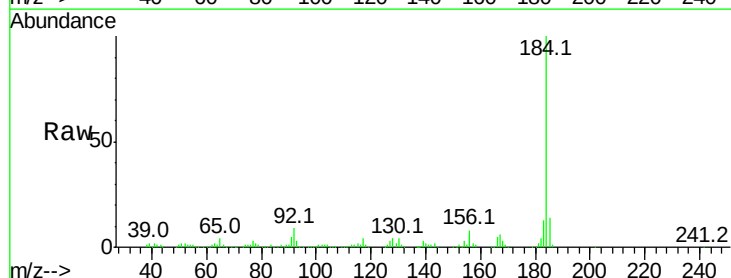
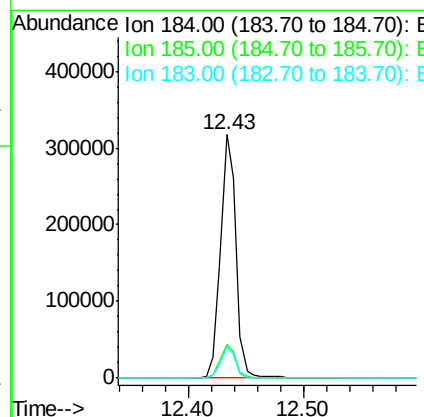
RT: 12.43 min Scan# 1776

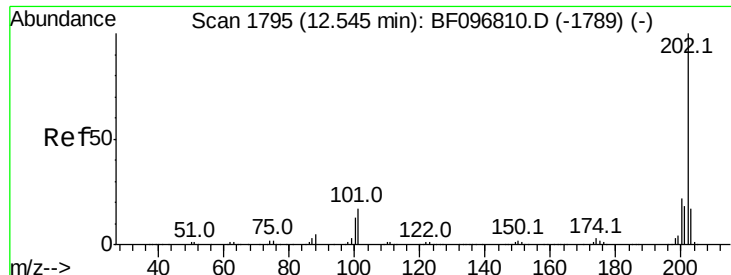
Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	15.5	23.3#
183	12.6	9.8	14.6





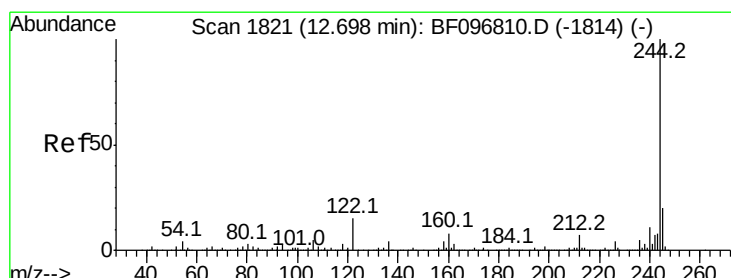
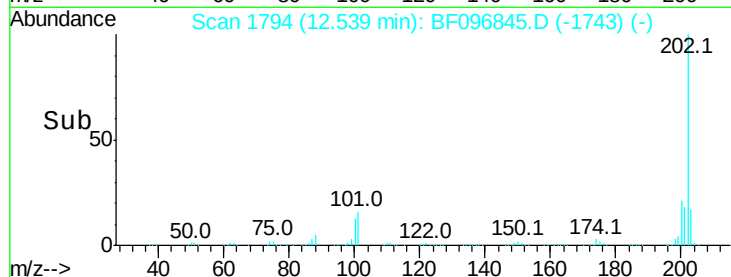
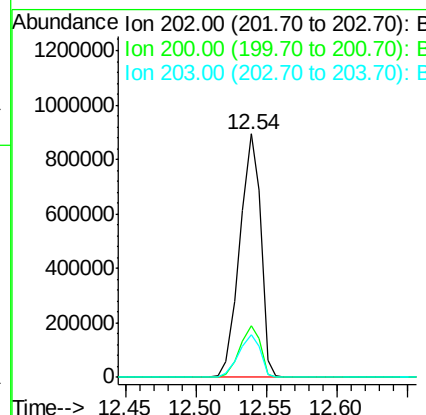
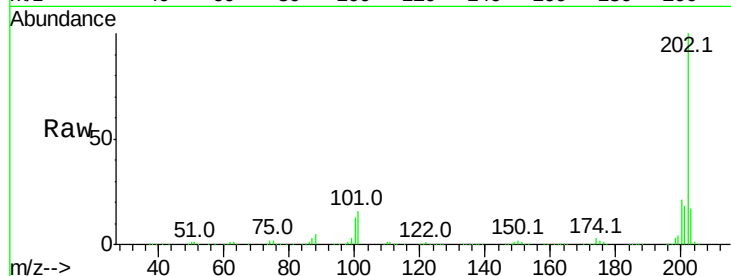
#77
Pvrene
Concen: 47.003 ng
RT: 12.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.4	14.4	21.6

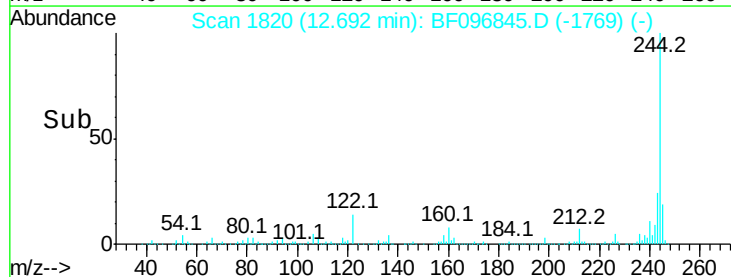
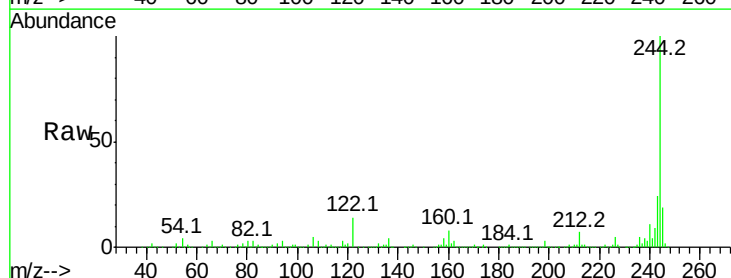
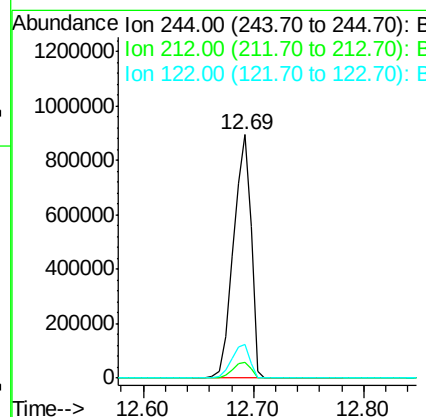
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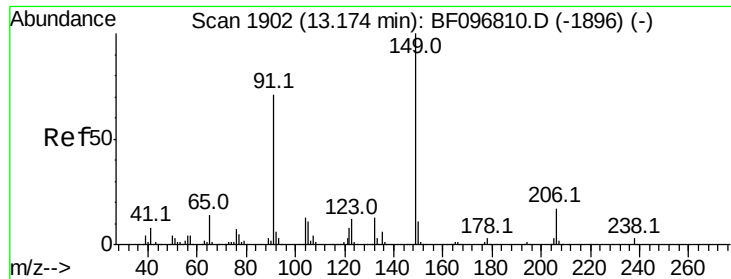
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#78
Terphenyl-d14
Concen: 80.205 ng
RT: 12.69 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.1	10.3	15.5





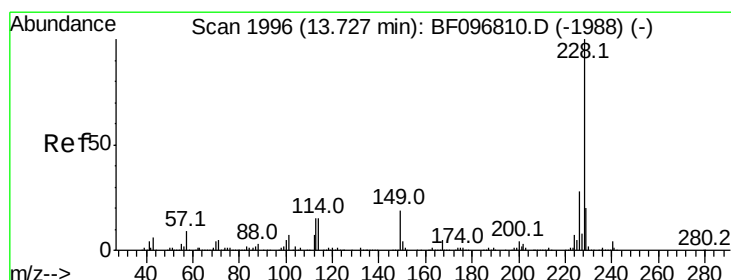
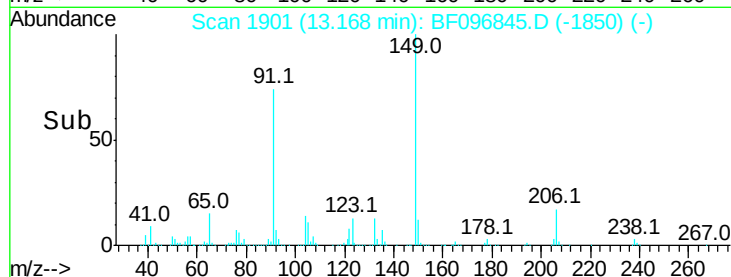
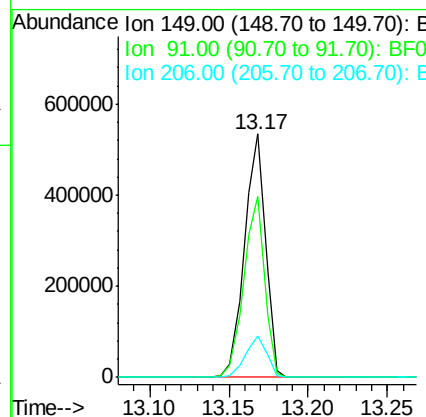
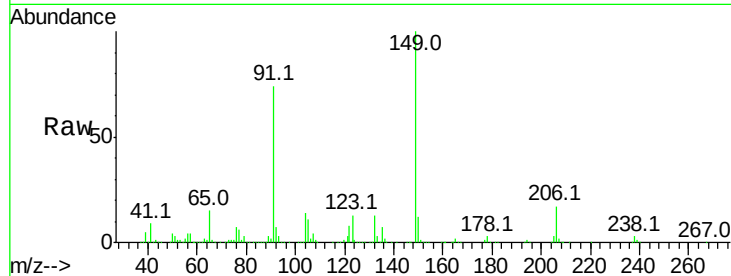
#79
Butylbenzylphthalate
Concen: 52.503 ng
RT: 13.17 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	489731		
91	74.3	45.0	67.4	
206	17.1	17.0	25.6	

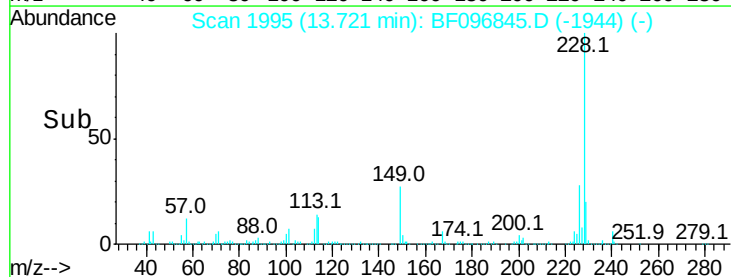
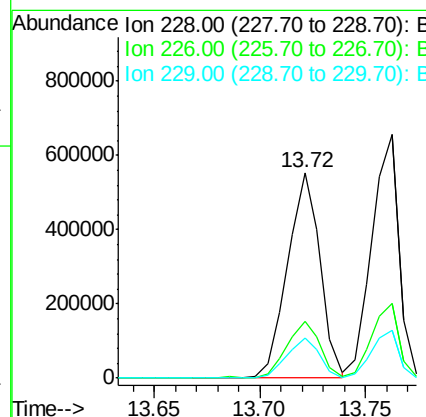
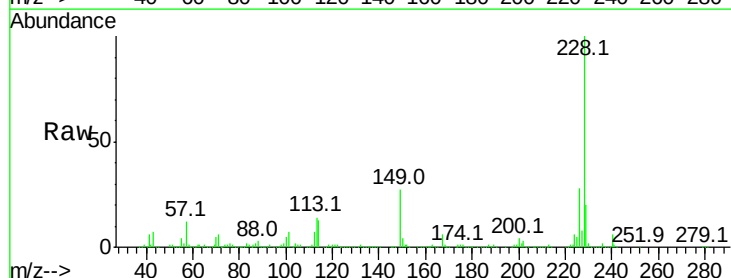
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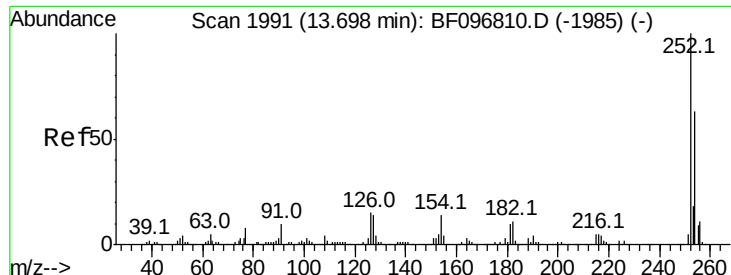
mohammad
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#80
Benzo(a)anthracene
Concen: 44.108 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	594494		
226	27.5	22.6	33.8	
229	19.6	16.3	24.5	





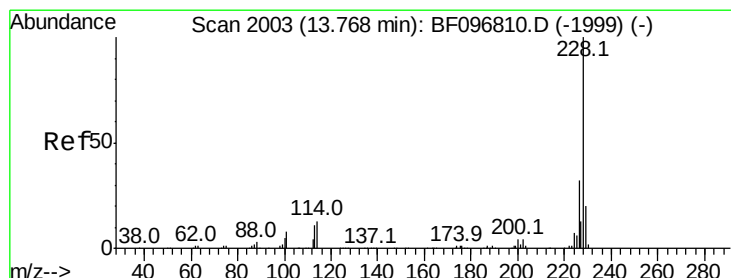
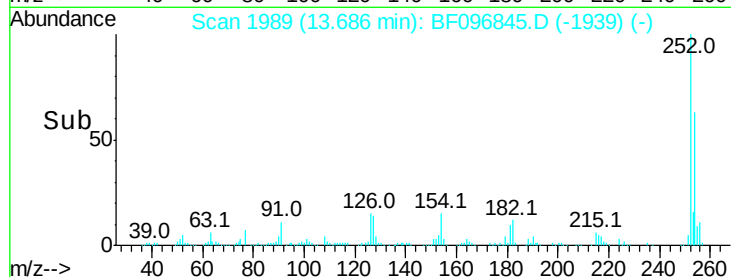
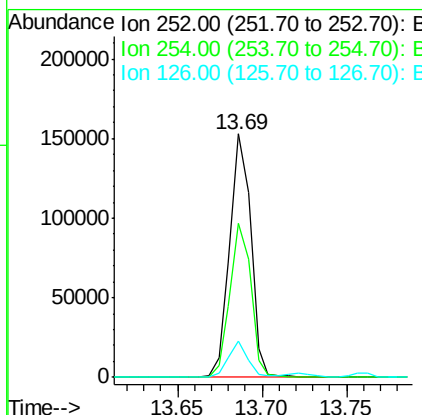
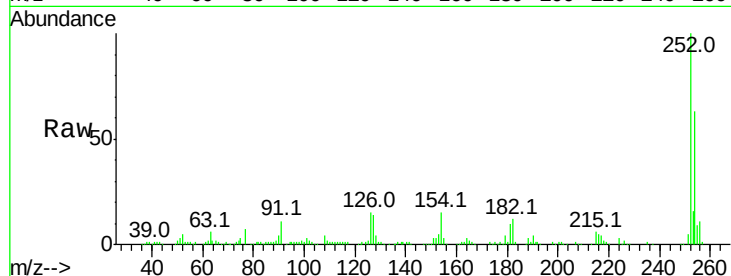
#81
 3,3'-Dichlorobenzidine
 Concen: 27.428 ng
 RT: 13.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	51.5	77.3
126	15.2	15.8	23.8

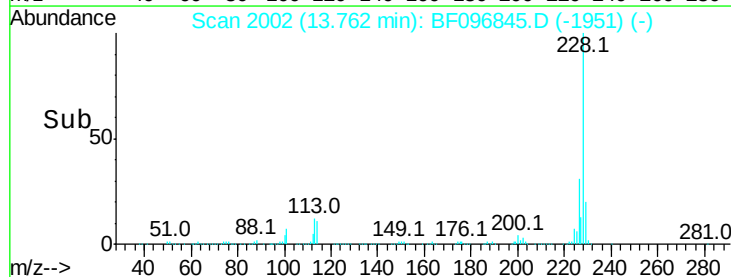
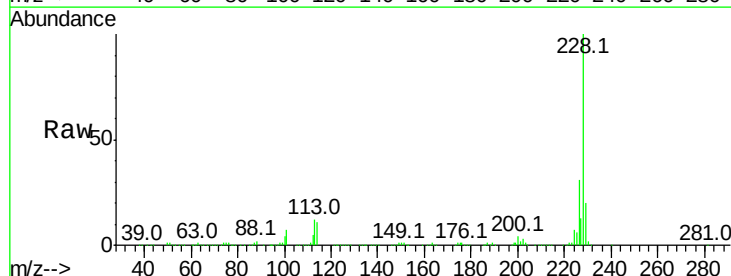
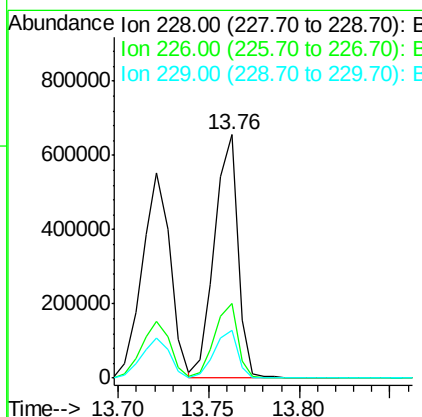
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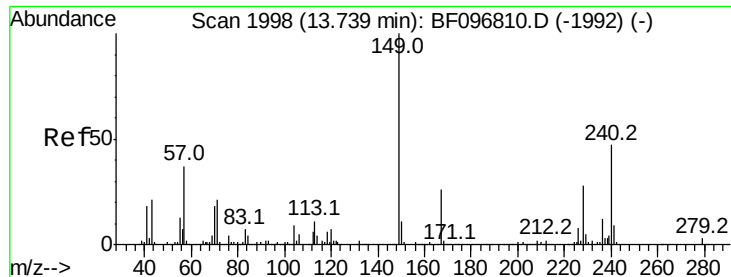
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#82
 Chrysene
 Concen: 44.642 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.6	15.8	23.6





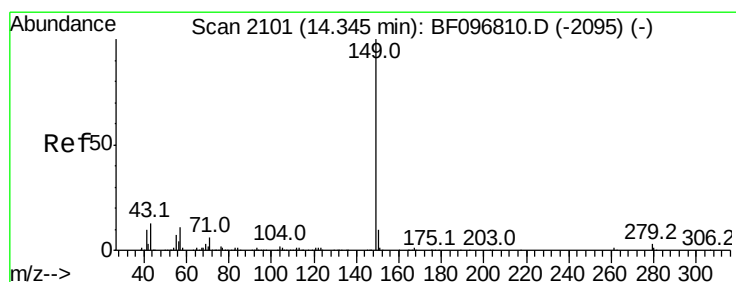
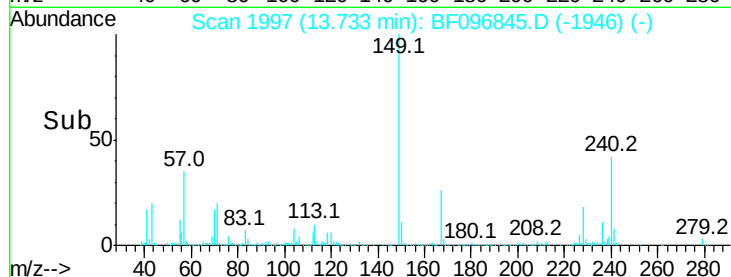
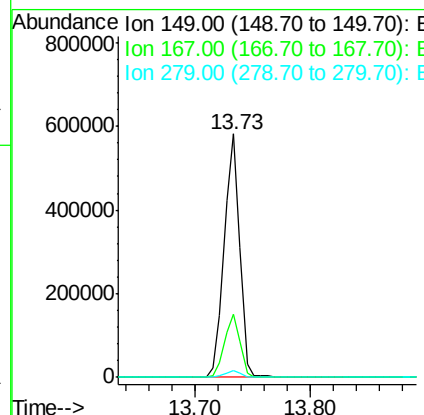
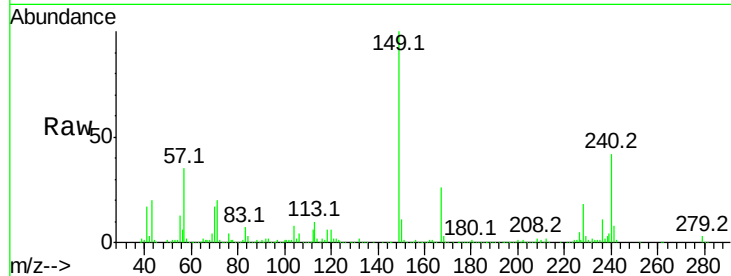
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.613 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.9	21.0	31.4	
279	2.7	1.9	2.9	

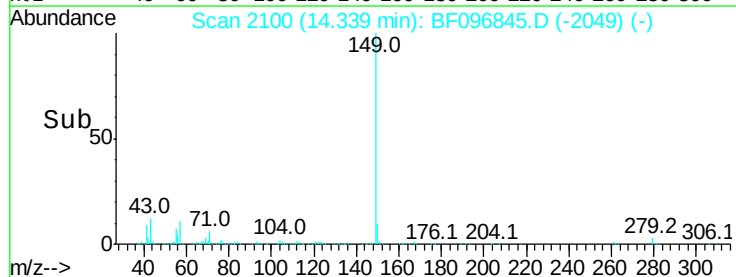
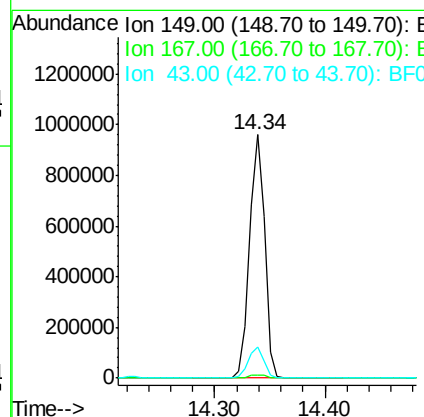
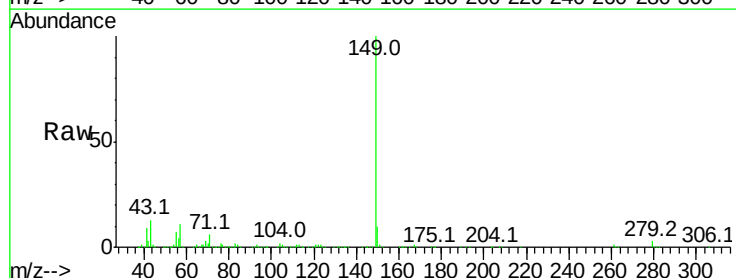
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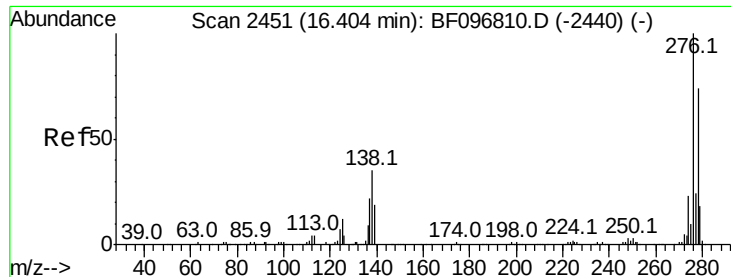
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#84
 Di-n-octyl phthalate
 Concen: 49.633 ng
 RT: 14.34 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.066 ng

RT: 16.39 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

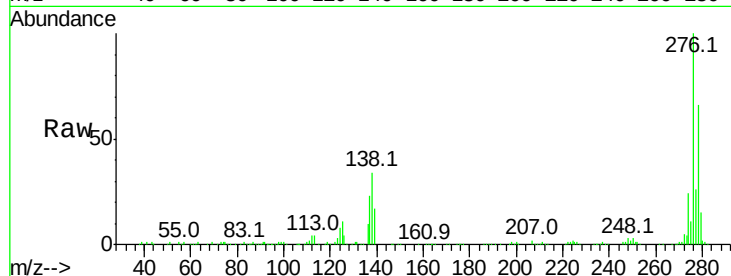
ClientSampleId :

WC071417-1NEMS

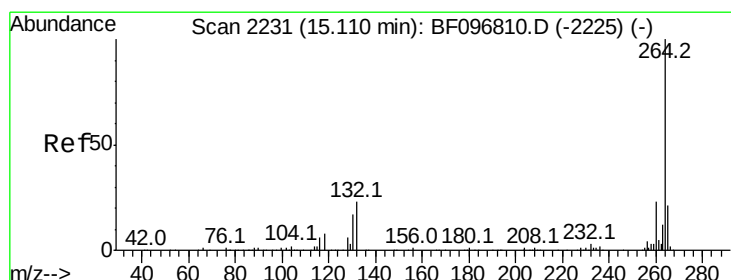
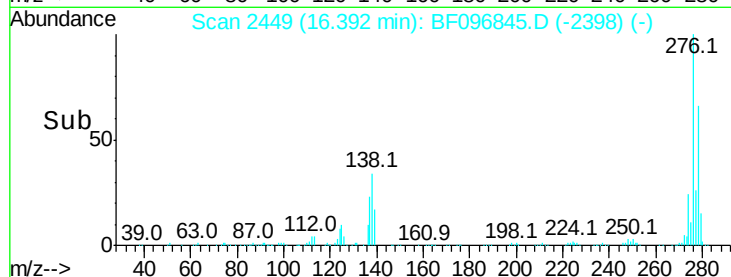
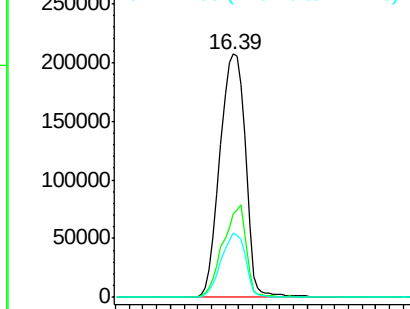
Tot Ion:	276	Resp:	538531
Ion Ratio	Lower	Upper	
276	100		
138	34.3	27.8	41.6
277	25.2	20.2	30.4

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2229

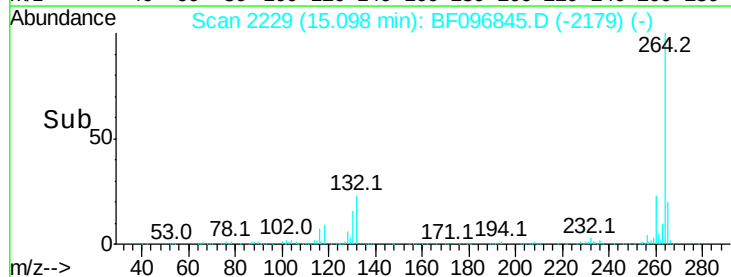
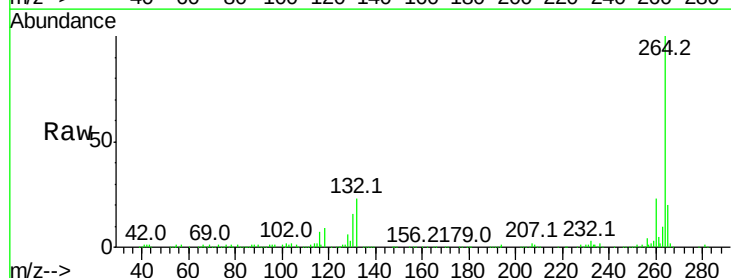
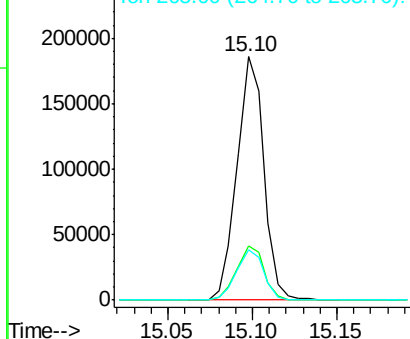
Delta R.T. -0.01 min

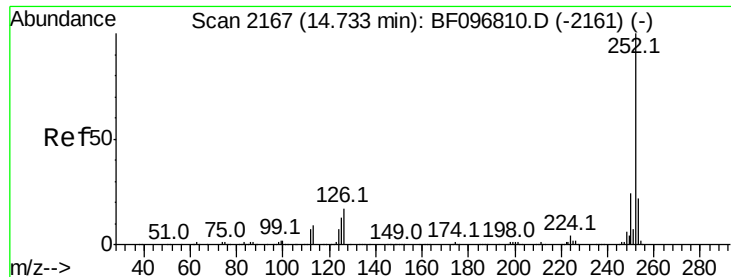
Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:	264	Resp:	206784
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.5	29.3
265	20.5	17.2	25.8

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





#87

Benzo(b)fluoranthene

Concen: 42.279 ng

RT: 14.73 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

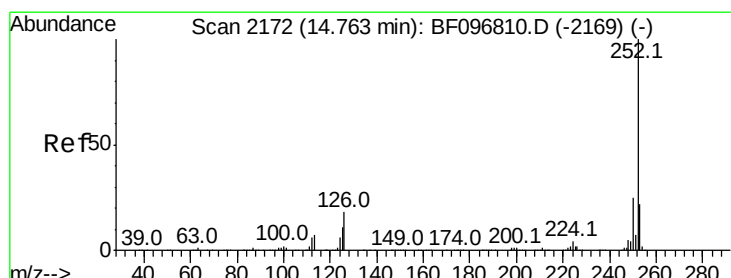
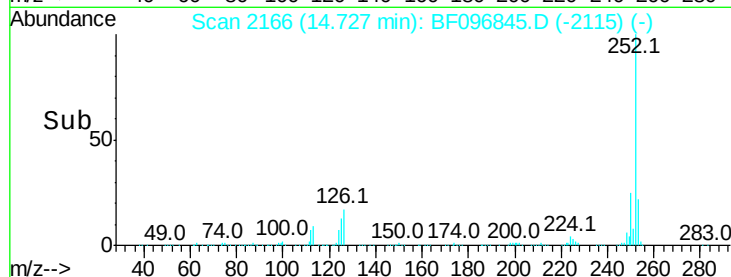
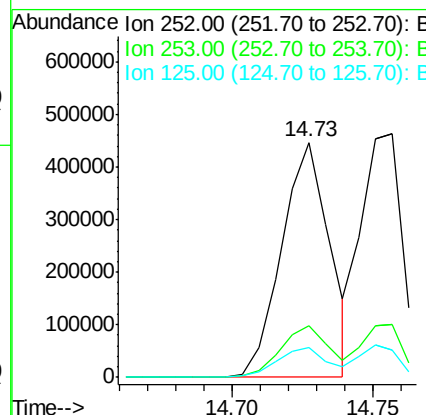
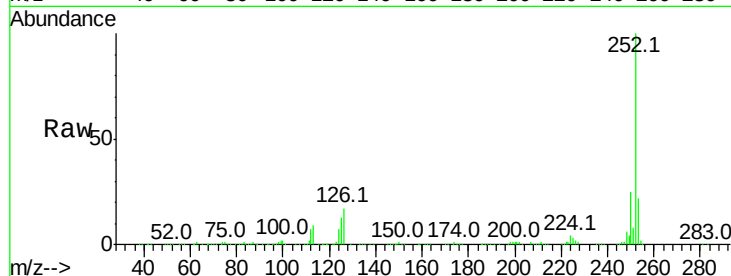
ClientSampleId :

WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 40.645 ng

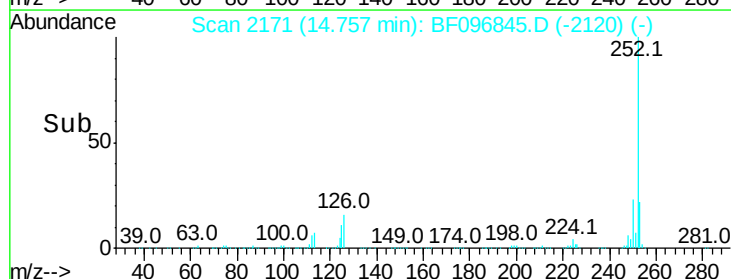
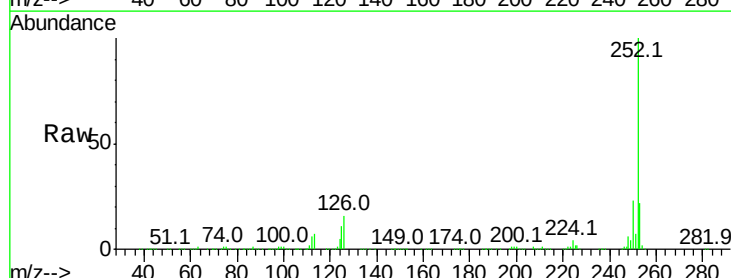
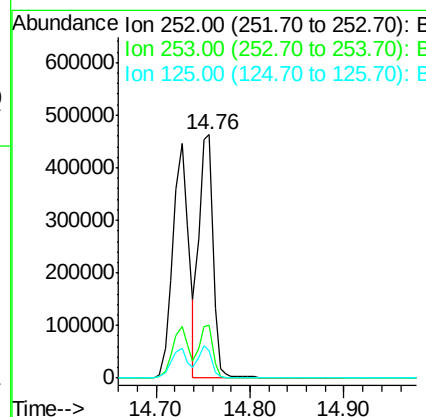
RT: 14.76 min Scan# 2171

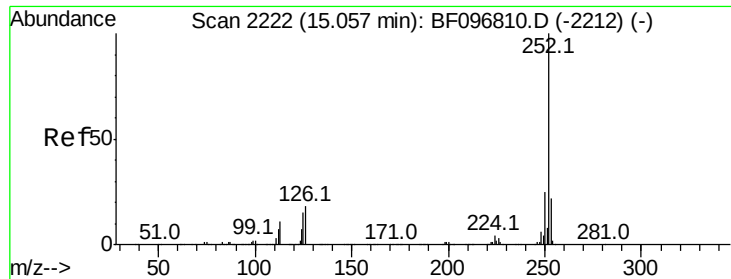
Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	11.4	13.1	19.7#





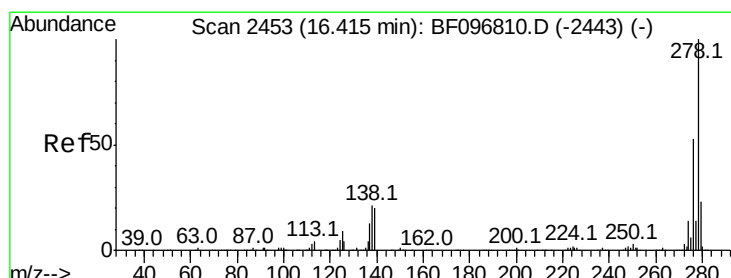
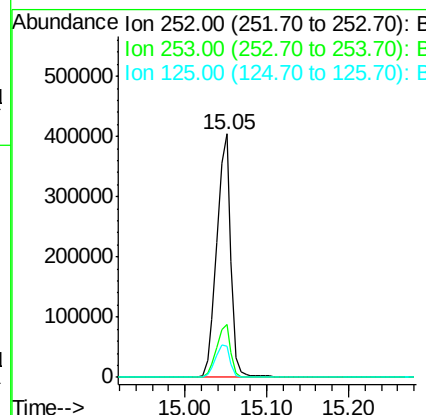
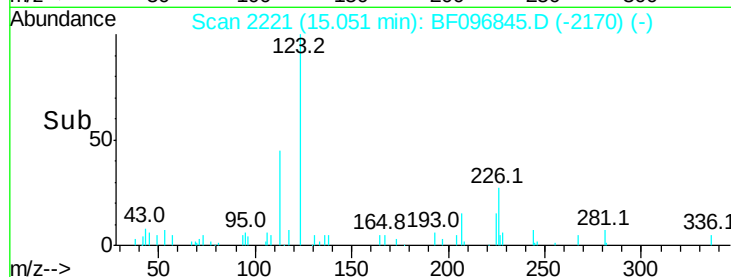
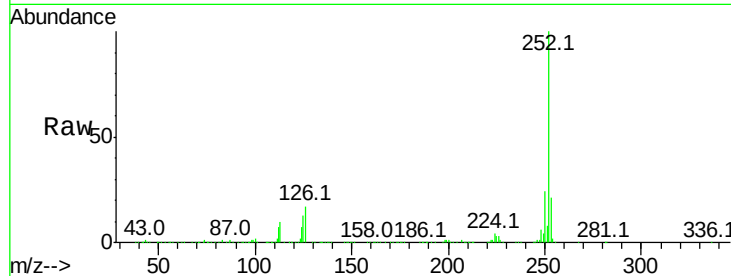
#89
Benzo(a)pyrene
Concen: 42.334 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	12.9	11.0	16.4

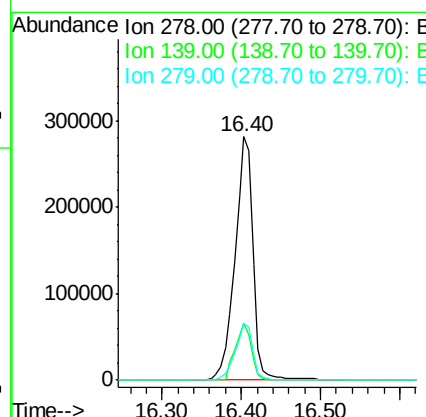
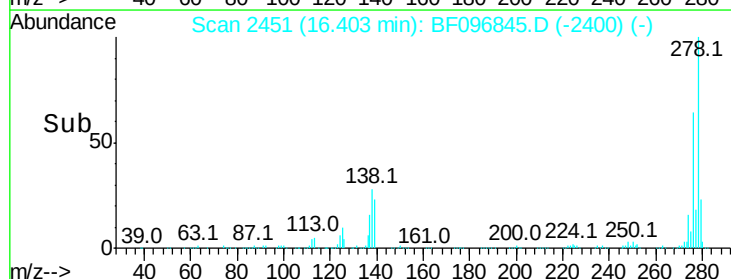
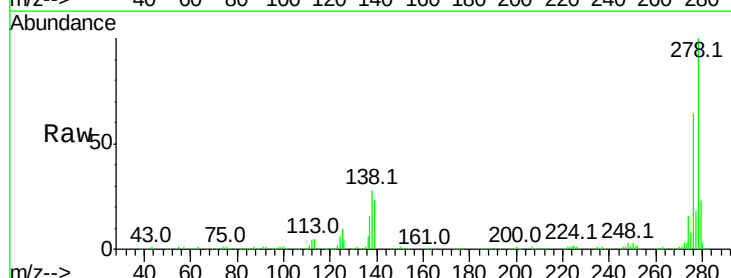
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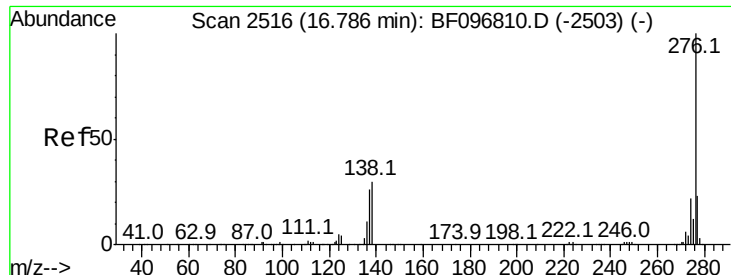
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#90
Dibenzo(a,h)anthracene
Concen: 41.872 ng
RT: 16.40 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	23.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 41.416 ng
 RT: 16.78 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion:	276	Resp:	466795
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.6	28.0
138	29.2	25.4	38.0

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