

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104004.D
 Acq On : 28 Mar 2018 12:20
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Sohil
 3/29/2018 5:36:00 PM

Quant Time: Mar 28 12:52:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 12:06:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124746	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	524052	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	249536	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	451230	20.00	ng	0.00
75) Chrysene-d12	14.16	240	361991	20.00	ng	0.00
86) Perylene-d12	15.70	264	362153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	948230	115.62	ng	0.00
7) Phenol-d6	6.61	99	1107741	110.40	ng	0.00
23) Nitrobenzene-d5	7.54	82	993301	132.18	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	309941	144.46	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1685687	107.76	ng	0.00
78) Terphenyl-d14	13.09	244	1633987	104.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.82	88	203813	50.468	ng	Qvalue # 88
3) Pyridine	3.62	79	541591m	48.757	ng	
4) n-Nitrosodimethylamine	3.59	42	155903m	38.065	ng	
6) Aniline	6.65	93	721962	50.389	ng	93
8) 2-Chlorophenol	6.76	128	504164	58.680	ng	94
9) Benzaldehyde	6.53	77	246683	37.421	ng	94
10) Phenol	6.63	94	618534	58.011	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	546307	62.066	ng	93
12) 1,3-Dichlorobenzene	6.91	146	570856	58.337	ng	98
13) 1,4-Dichlorobenzene	6.99	146	600770	61.097	ng	99
14) 1,2-Dichlorobenzene	7.14	146	521305	57.133	ng	99
15) Benzyl Alcohol	7.12	79	374765	48.204	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	579359	46.278	ng	54
17) 2-Methylphenol	7.22	107	419277	54.800	ng	# 93
18) Hexachloroethane	7.47	117	201954	58.388	ng	97
19) n-Nitroso-di-n-propylamine	7.38	70	327589	50.943	ng	93
20) 3+4-Methylphenols	7.38	107	522895	53.852	ng	# 64
22) Acetophenone	7.38	105	700565	52.015	ng	# 97
24) Nitrobenzene	7.56	77	534249	60.556	ng	96
25) Isophorone	7.79	82	914227	52.553	ng	99
26) 2-Nitrophenol	7.87	139	288722	100.088	ng	92
27) 2,4-Dimethylphenol	7.90	122	389505	52.265	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	574576	54.544	ng	99
29) 2,4-Dichlorophenol	8.11	162	416999	61.502	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	462741	58.843	ng	99
31) Naphthalene	8.27	128	1447233	54.670	ng	100
32) Benzoic acid	8.06	122	322992m	72.273	ng	
33) 4-Chloroaniline	8.33	127	630601	56.780	ng	96
34) Hexachlorobutadiene	8.37	225	250320	58.057	ng	97
35) Caprolactam	8.72	113	133642	57.241	ng	# 79
36) 4-Chloro-3-methylphenol	8.81	107	443540	59.339	ng	96
37) 2-Methylnaphthalene	8.96	142	946013	56.352	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	424362	59.610	ng	98
40) Hexachlorocyclopentadiene	9.10	237	207426	56.467	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	282715	62.088	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	333691	64.927	nq	98
45) 1,1'-Biphenyl	9.43	154	1156307	55.571	nq	99
46) 2-Chloronaphthalene	9.46	162	931034	56.335	nq	99
47) 2-Nitroaniline	9.56	65	277585	71.915	nq	98
48) Acenaphthylene	9.87	152	1372648	53.561	nq	100
49) Dimethylphthalate	9.73	163	1103155	57.944	nq	99
50) 2,6-Dinitrotoluene	9.80	165	246097	71.940	nq	91
51) Acenaphthene	10.05	154	801810	52.692	nq	99
52) 3-Nitroaniline	9.98	138	279504	67.661	nq	95
53) 2,4-Dinitrophenol	10.08	184	104299	147.078	nq	# 23
54) Dibenzofuran	10.22	168	1151435	52.981	nq	97
55) 4-Nitrophenol	10.15	139	185680	60.657	nq	93
56) 2,4-Dinitrotoluene	10.20	165	304609	72.587	nq	# 98
57) Fluorene	10.56	166	943221	55.930	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	252568	69.354	nq	91
59) Diethylphthalate	10.42	149	1043101	55.202	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	444007	57.609	nq	97
61) 4-Nitroaniline	10.60	138	263590	66.255	nq	93
62) Azobenzene	10.71	77	935736	48.708	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	171809	117.588	nq	85
65) n-Nitrosodiphenylamine	10.67	169	851736	55.455	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	275970	59.567	nq	91
67) Hexachlorobenzene	11.10	284	317922	60.124	nq	93
68) Atrazine	11.20	200	264174	55.602	nq	98
69) Pentachlorophenol	11.30	266	187817	61.782	nq	97
70) Phenanthrene	11.53	178	1339481	54.267	nq	99
71) Anthracene	11.58	178	1383387	55.181	nq	100
72) Carbazole	11.74	167	1338805	54.944	nq	99
73) Di-n-butylphthalate	12.05	149	1600983	54.758	nq	100
74) Fluoranthene	12.72	202	1402625	55.157	nq	99
76) Benzidine	12.85	184	574961	37.241	nq	95
77) Pyrene	12.96	202	1449229	54.514	nq	99
79) Butylbenzylphthalate	13.56	149	703036	59.689	nq	93
80) Benzo(a)anthracene	14.15	228	1289937	56.295	nq	100
81) 3,3'-Dichlorobenzidine	14.11	252	379182	49.472	nq	95
82) Chrysene	14.19	228	1214934	55.622	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	844973	50.218	nq	100
84) Di-n-octyl phthalate	14.74	149	1552406	63.417	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.30	276	1263941	66.261	nq	96
87) Benzo(b)fluoranthene	15.24	252	1325001	57.911	nq	99
88) Benzo(k)fluoranthene	15.28	252	1087071	49.426	nq	99
89) Benzo(a)pyrene	15.64	252	1164034	56.092	nq	98
90) Dibenzo(a,h)anthracene	17.32	278	1025354	57.061	nq	97
91) Benzo(g,h,i)perylene	17.79	276	1039060	59.438	nq	96

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



#1

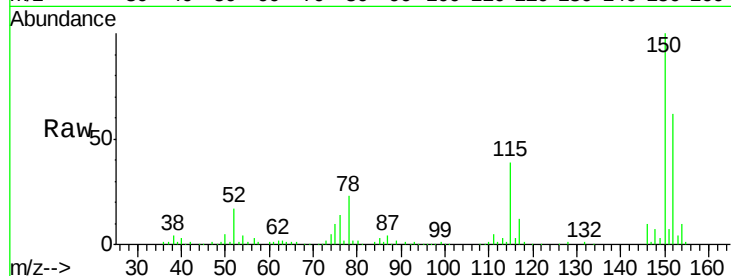
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
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SSTDIC060

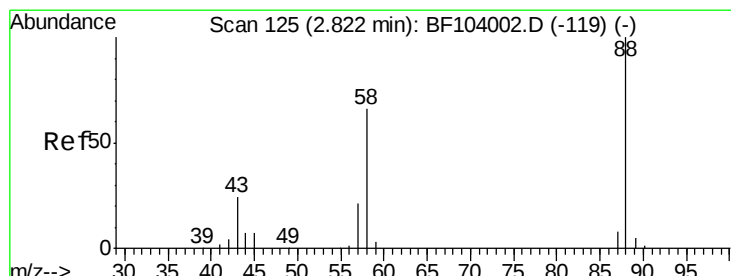
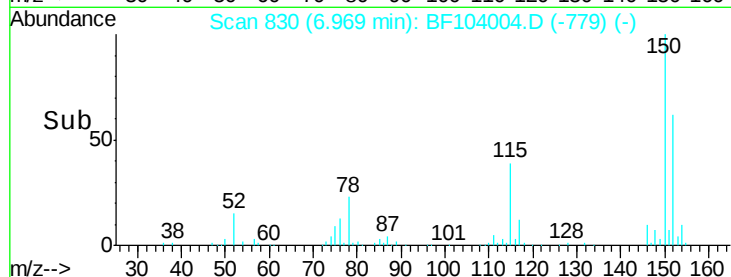
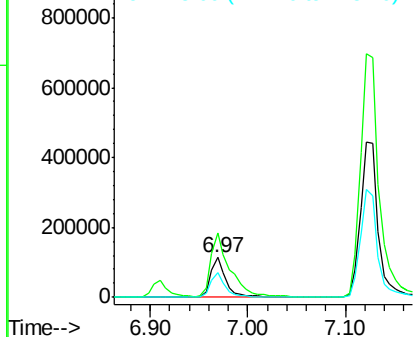
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	62.5	50.1	75.1

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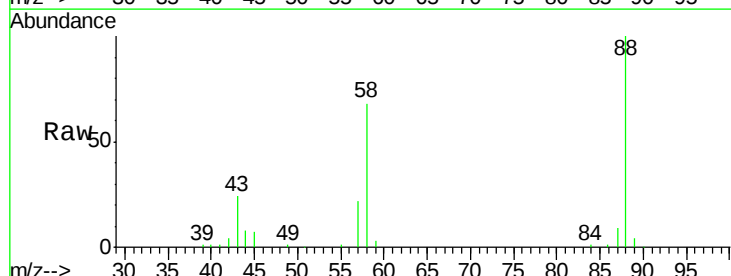
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



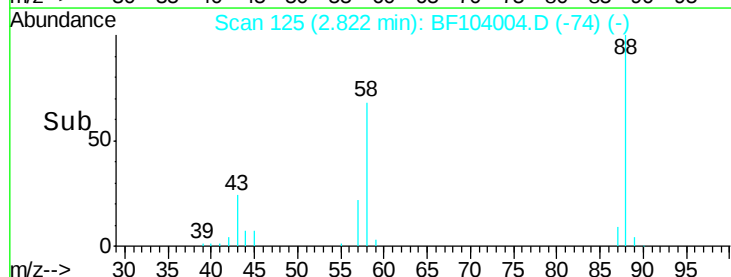
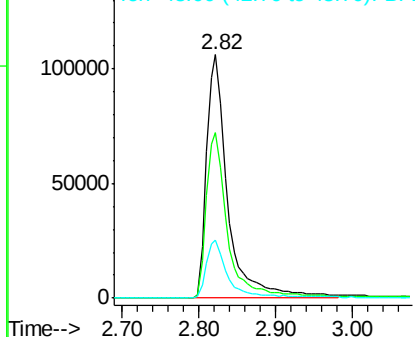
#2

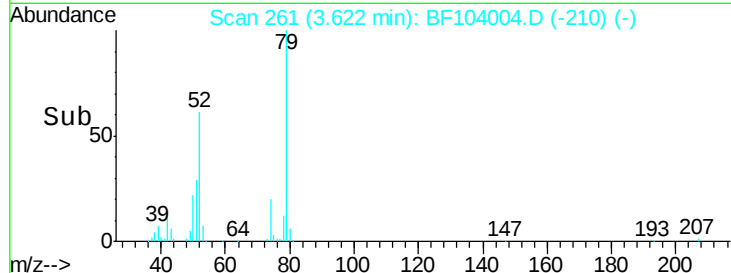
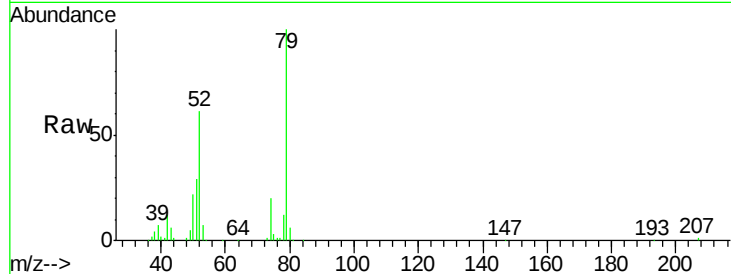
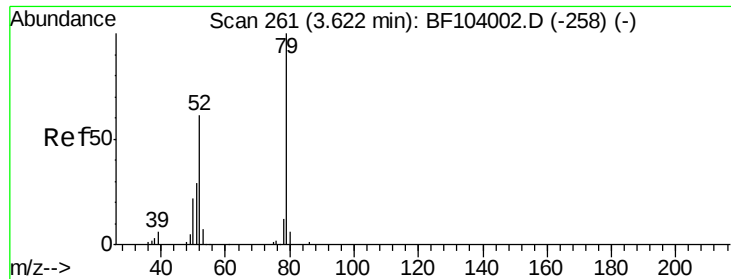
1,4-Dioxane
Concen: 50.468 ng
RT: 2.82 min Scan# 125
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	62.6	93.8
43	24.6	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





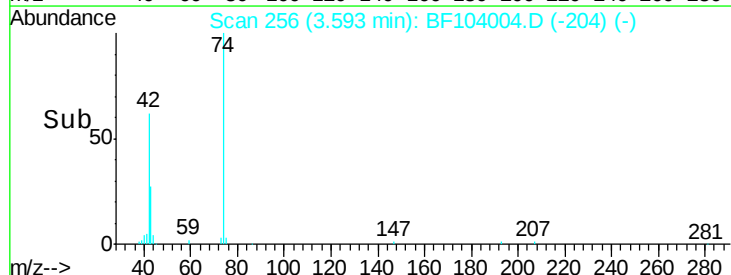
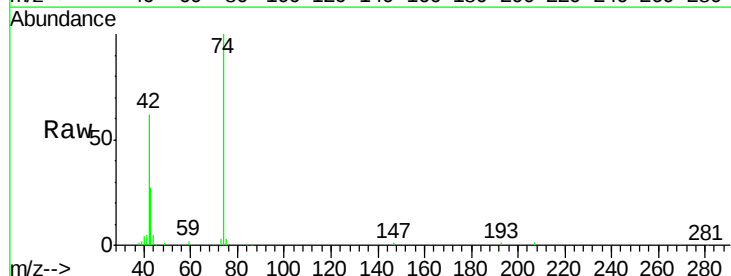
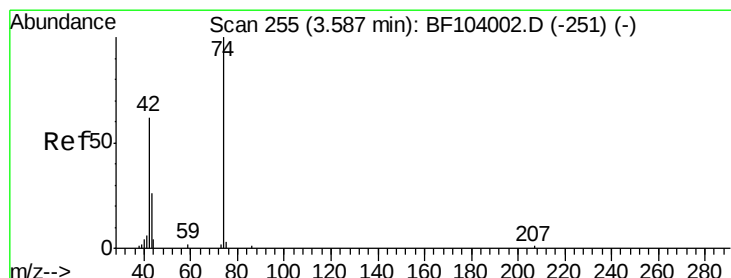
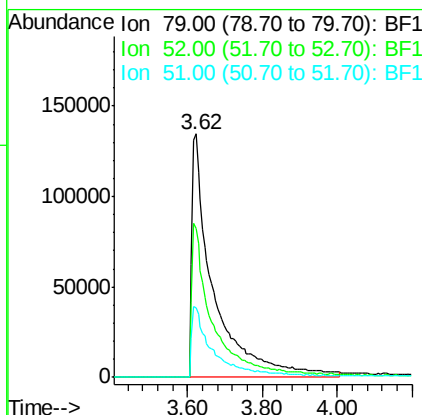
#3
 Pvridine
 Concen: 48.757 ng m
 RT: 3.62 min Scan# 261
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.2	59.8	89.6
51	28.7	29.8	44.8#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

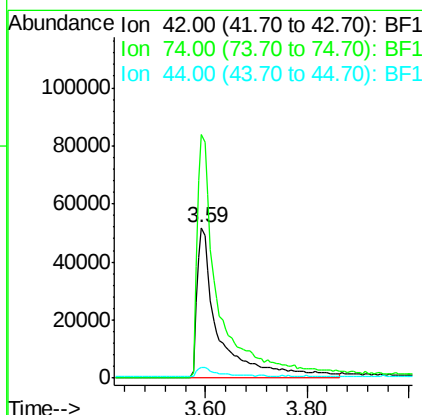
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#4
 n-Nitrosodimethylamine
 Concen: 38.065 ng m
 RT: 3.59 min Scan# 256
 Delta R.T. 0.01 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	162.0	104.9	157.3#
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 115.615 ng

RT: 5.60 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

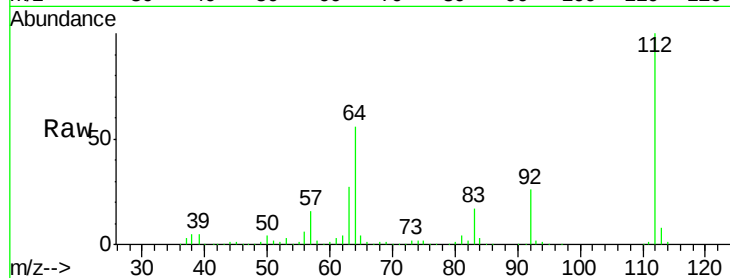
ClientSampleId :

SSTDICC060

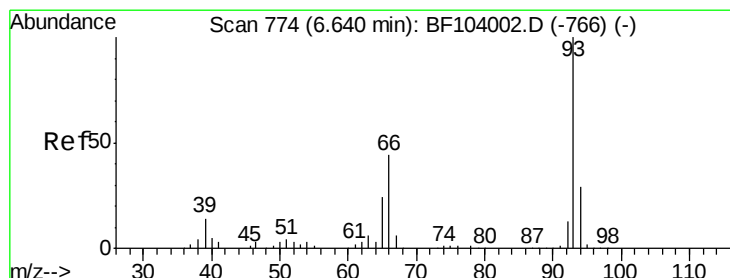
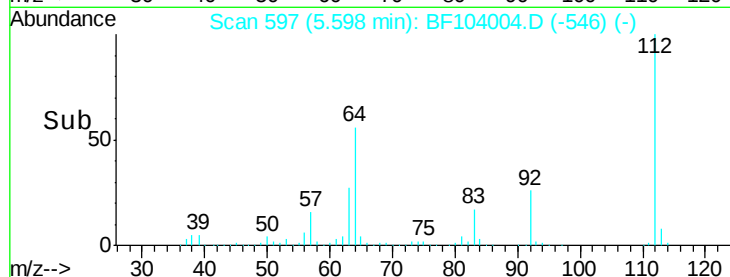
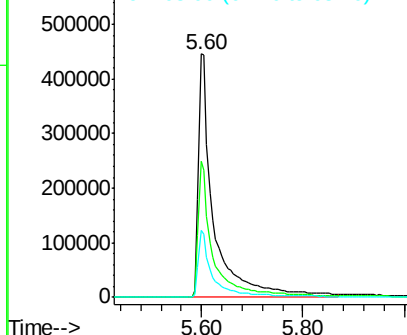
Tot Ion:	112	Resp:	948230
Ion Ratio	Lower	Upper	
112	100		
64	55.9	47.9	71.9
63	27.3	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 50.389 ng

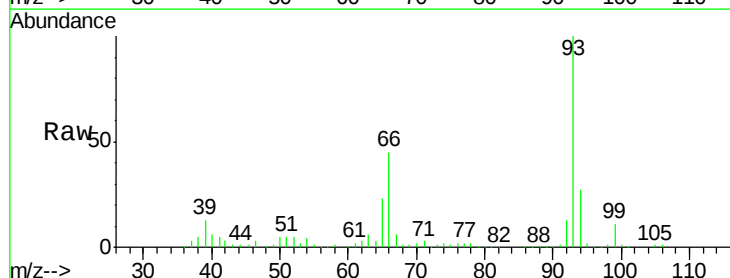
RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

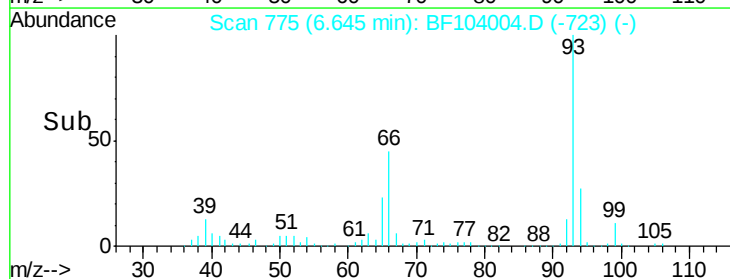
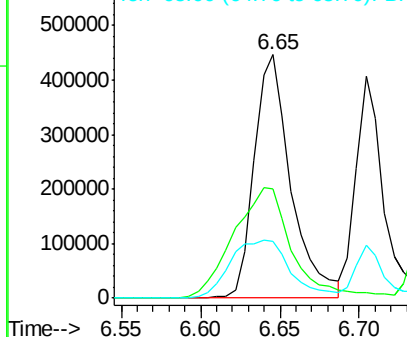
Lab File: BF104004.D

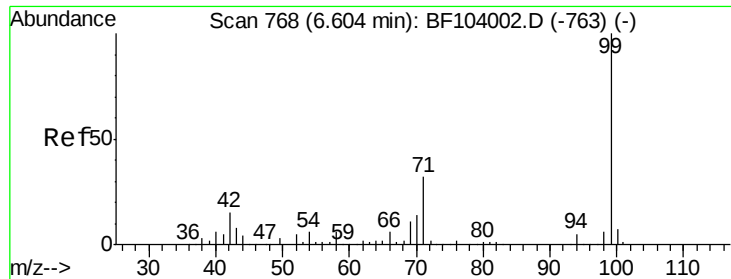
Acq: 28 Mar 2018 12:20

Tgt Ion:	93	Resp:	721962
Ion Ratio	Lower	Upper	
93	100		
66	44.9	32.2	48.2
65	23.5	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.398 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 99 Resp: 1107741

Ion Ratio Lower Upper

99 100

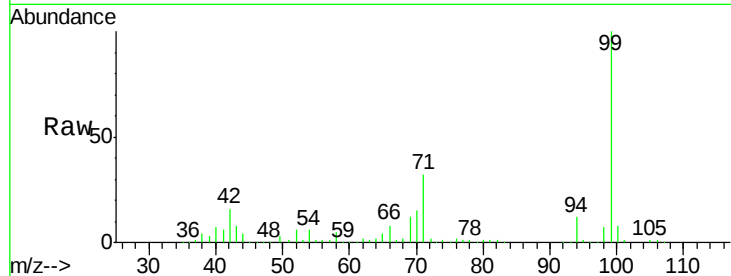
42 15.8 14.5 21.7

71 32.3 25.4 38.0

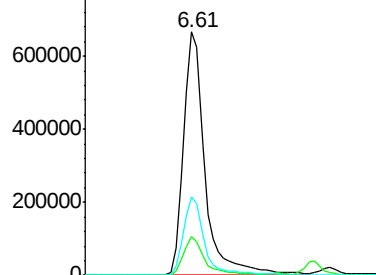
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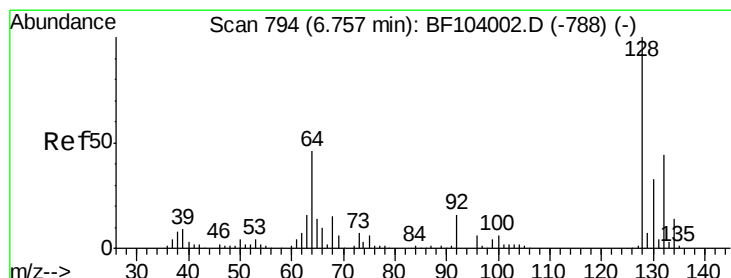
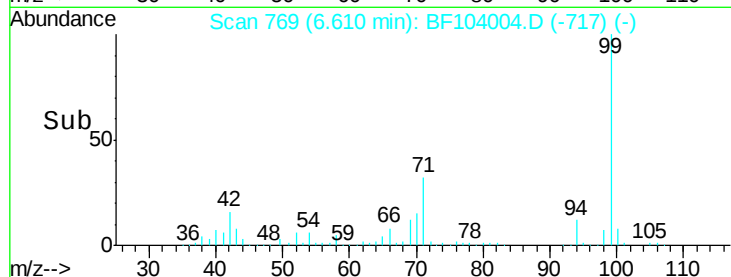
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 58.680 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

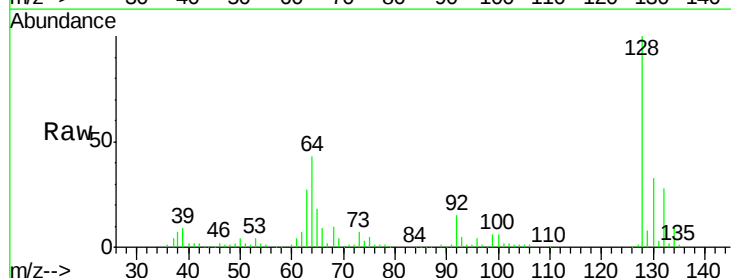
Tgt Ion: 128 Resp: 504164

Ion Ratio Lower Upper

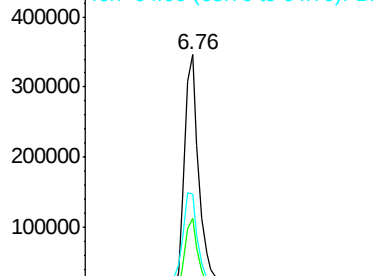
128 100

130 33.0 13.0 53.0

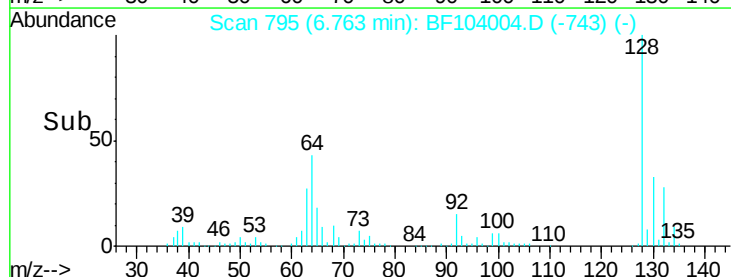
64 43.0 29.4 69.4

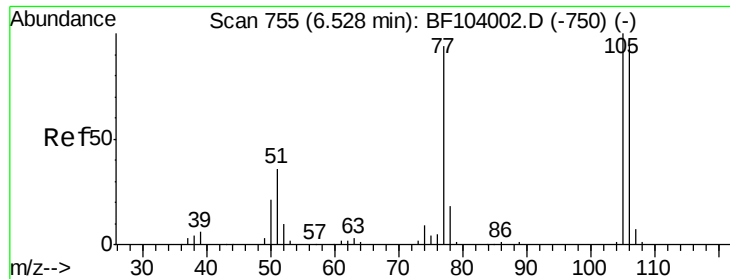


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 37.421 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

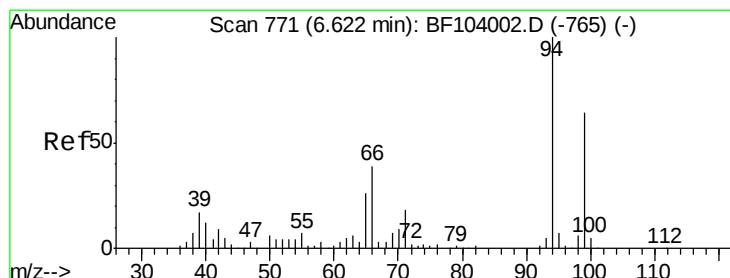
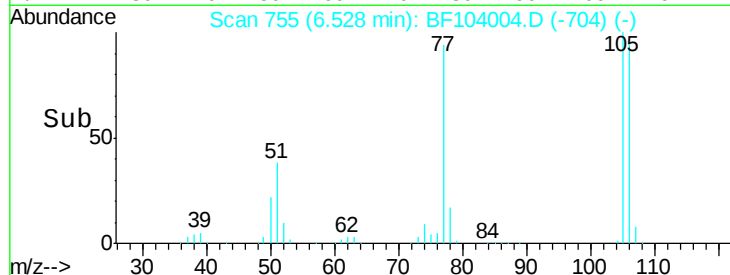
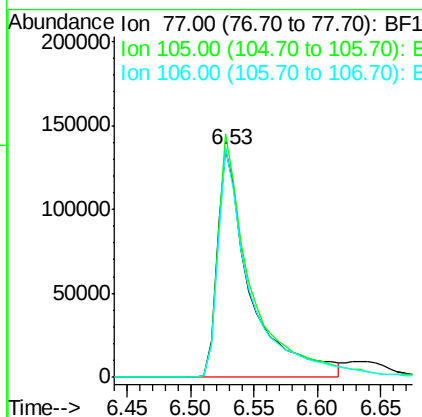
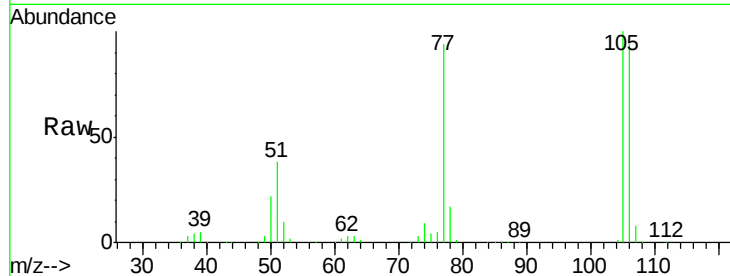
ClientSampleId :

SSTDIC060

Tot Ion:	77	Resp:	246683
Ion	Ratio	Lower	Upper
77	100		
105	106.9	81.1	121.1
106	100.6	74.5	114.5

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#10

Phenol

Concen: 58.011 ng

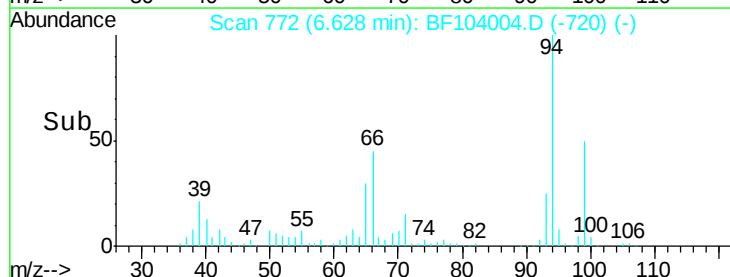
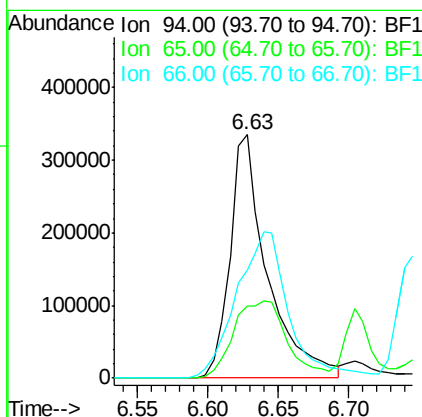
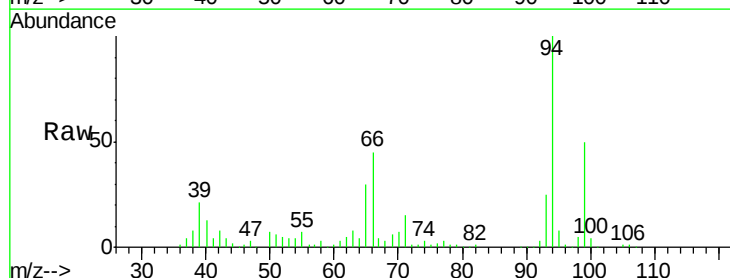
RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Tgt Ion:	94	Resp:	618534
Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.9	47.9
66	44.6	16.2	56.2





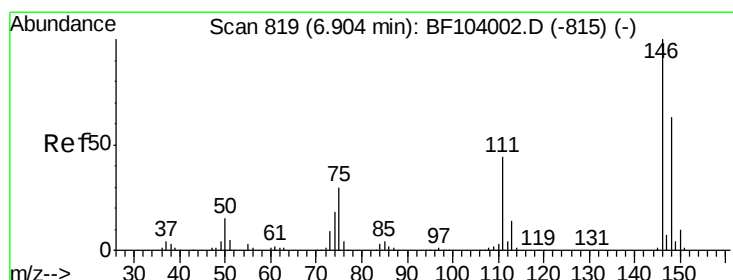
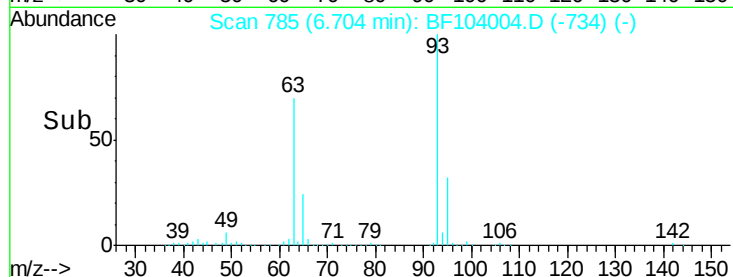
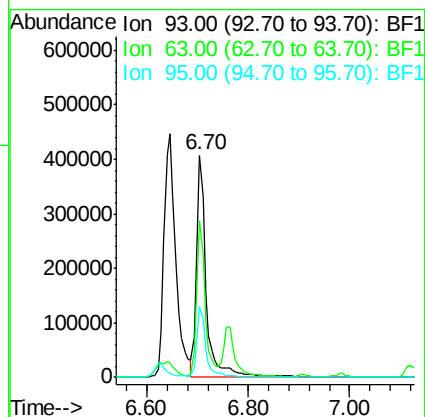
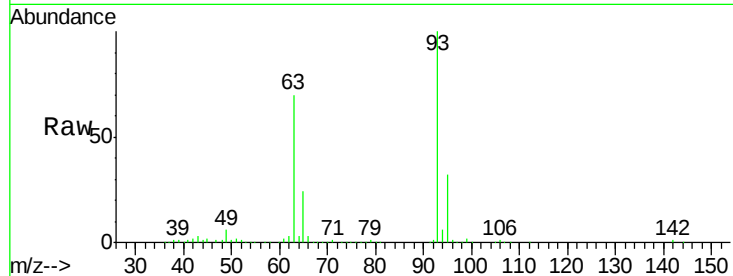
#11
bis(2-Chloroethyl)ether
Concen: 62.066 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.5	58.6	98.6
95	32.1	11.8	51.8

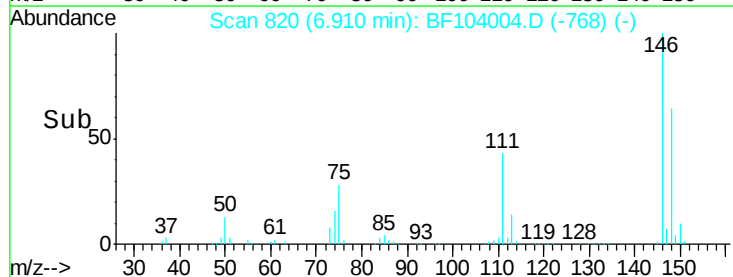
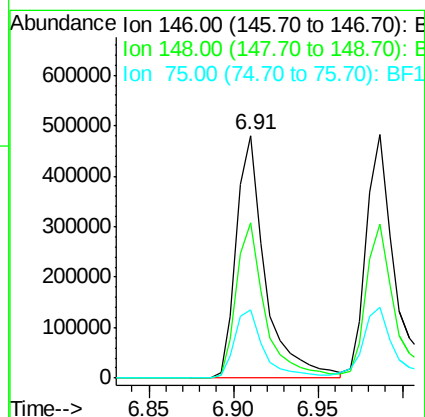
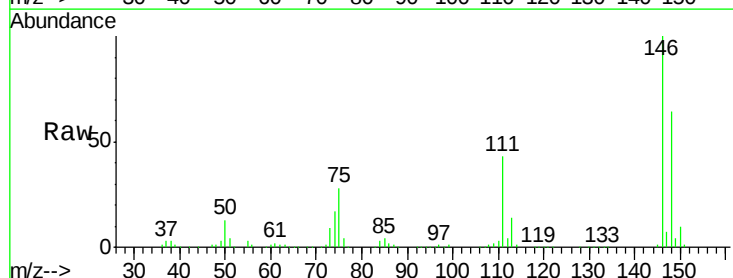
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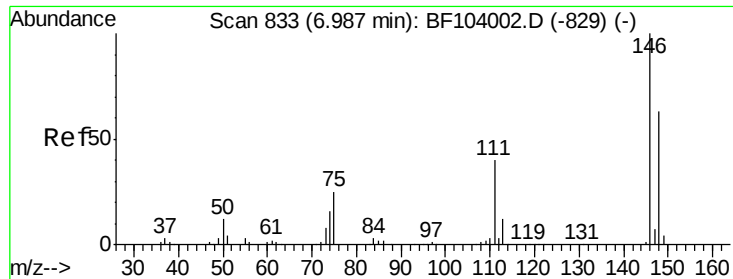
Sohil
3/29/2018 5:36:00 PM



#12
1,3-Dichlorobenzene
Concen: 58.337 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	28.0	24.2	36.4





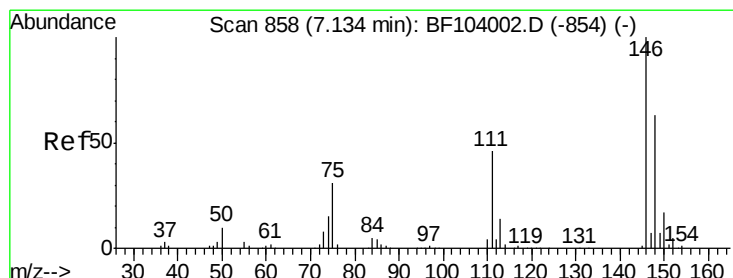
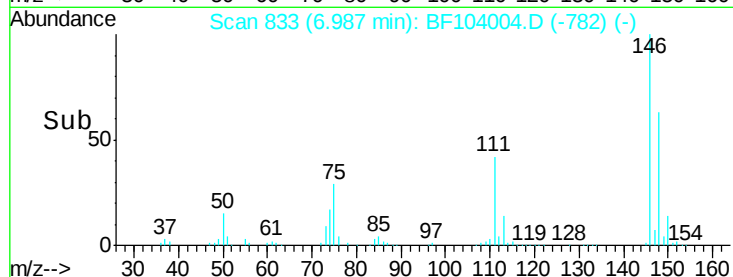
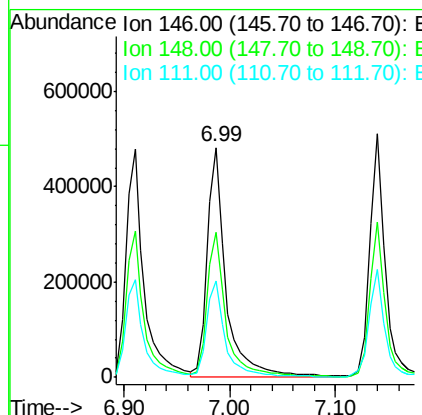
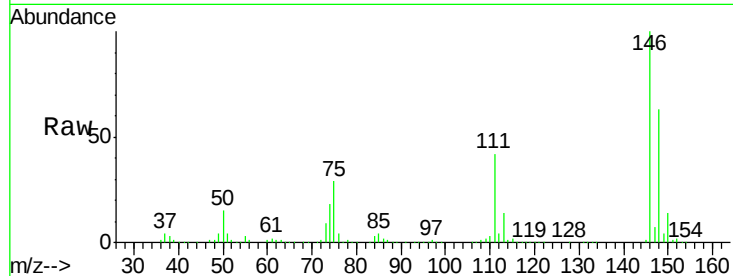
#13
 1,4-Dichlorobenzene
 Concen: 61.097 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	42.1	34.2	51.2

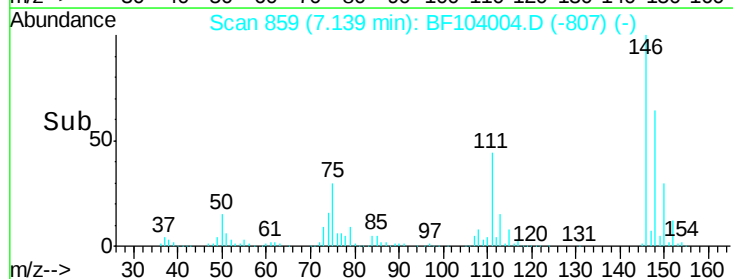
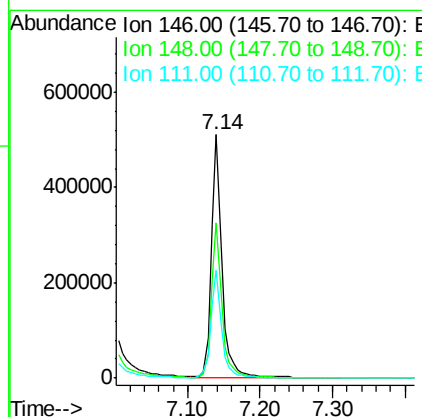
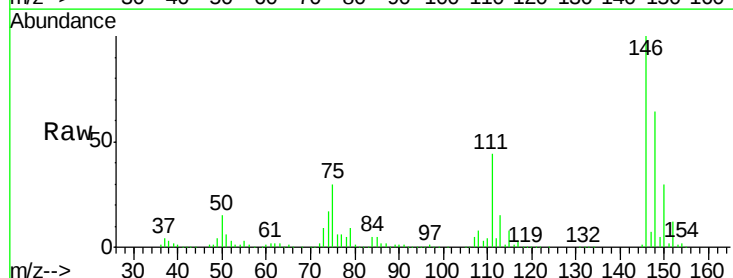
Manual Integrations
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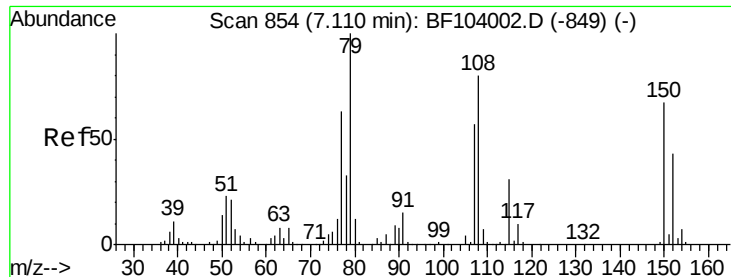
Sohil
 3/29/2018 5:36:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 57.133 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.01 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	44.4	36.0	54.0





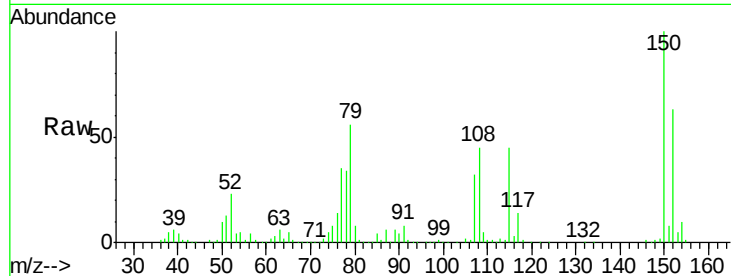
#15
Benzyl Alcohol
Concen: 48.204 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

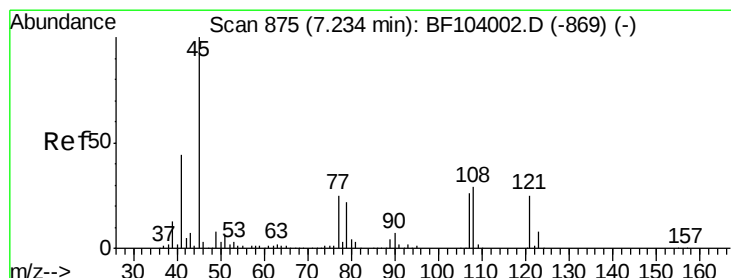
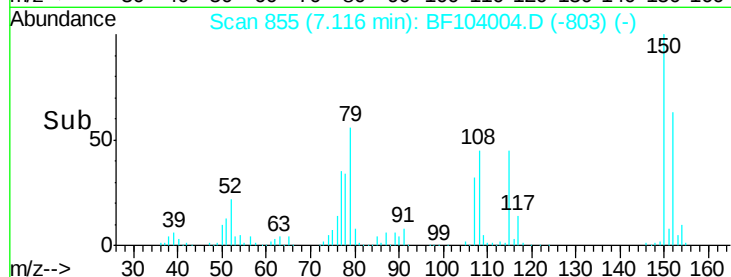
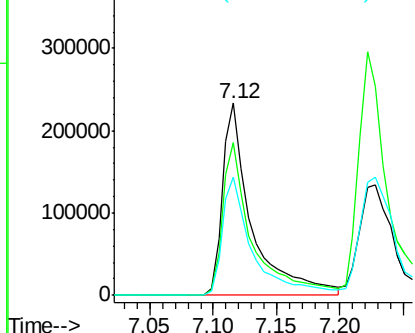
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.4	65.1	97.7
77	61.6	50.6	75.8

Manual Integrations
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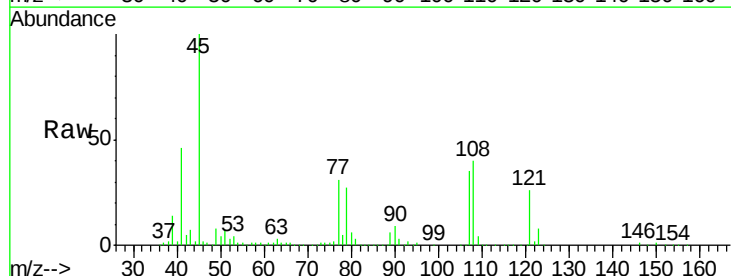


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

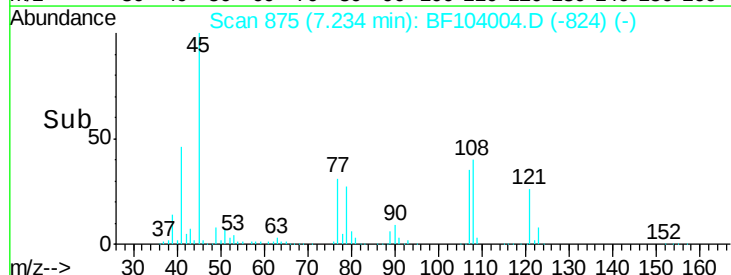
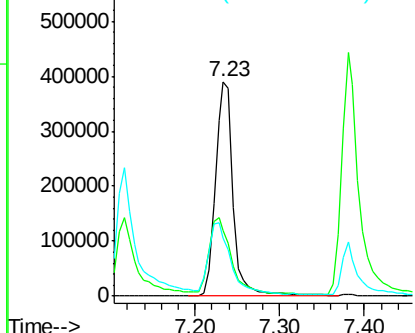


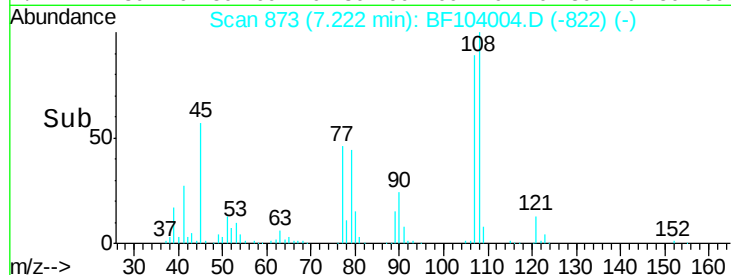
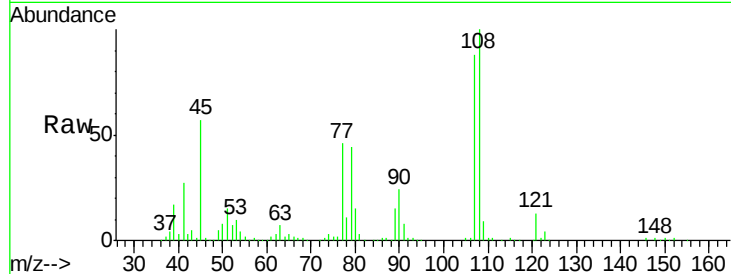
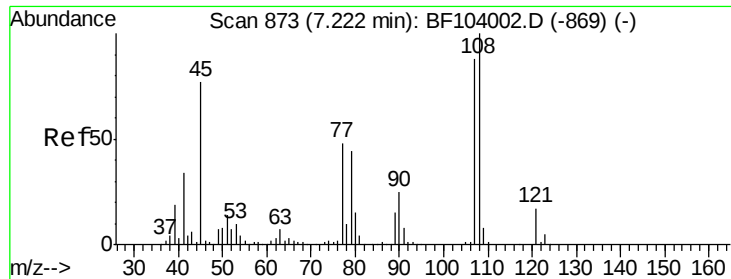
#16
2,2'-oxybis(1-chloropropane)
Concen: 46.278 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.7	0.0	32.9
79	26.9	0.0	29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





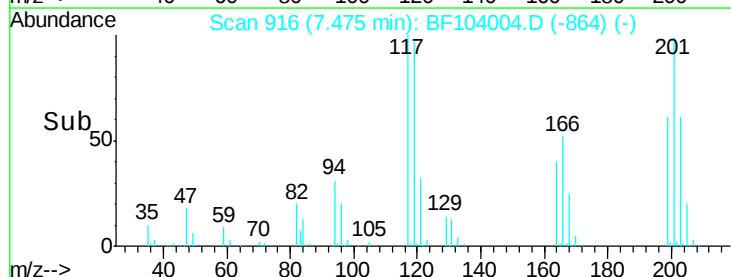
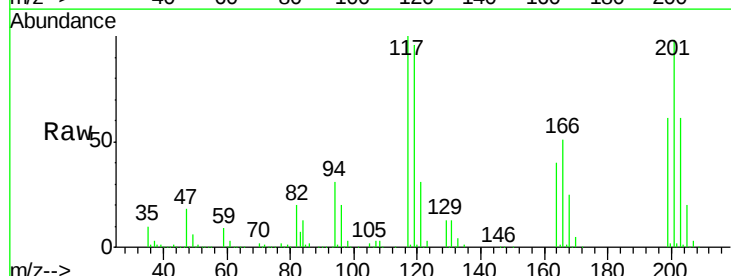
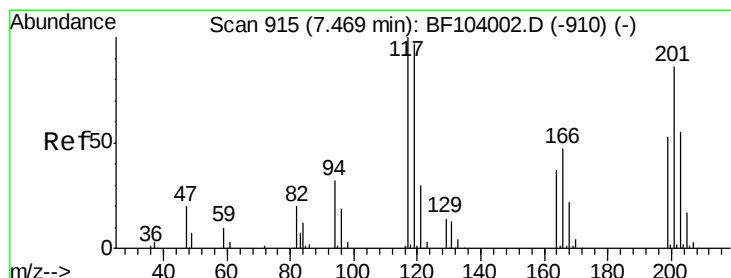
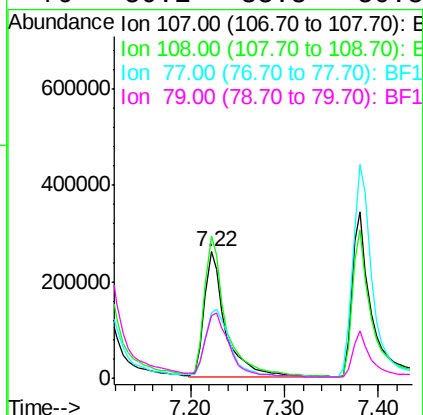
#17
2-Methylphenol
Concen: 54.800 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tot Ion	Ratio	Resp	Lower	Upper
107	100	419277		
108	113.0	91.7	137.5	
77	52.3	33.8	50.8	
79	50.1	33.8	50.8	

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

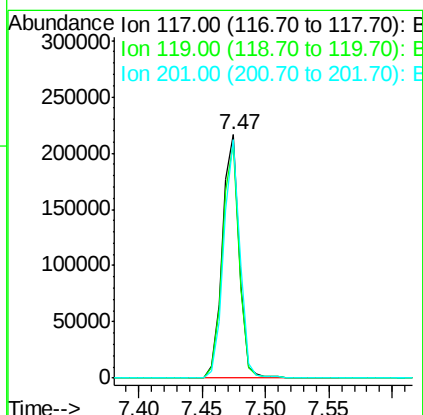
Manual Integrations
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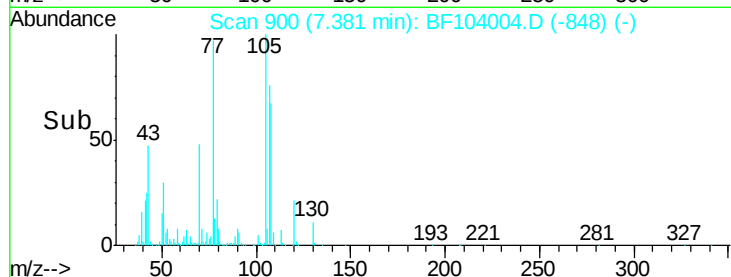
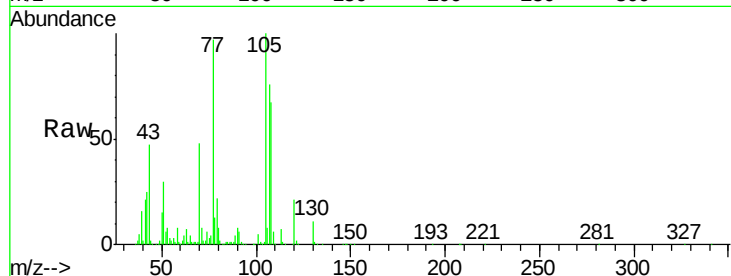
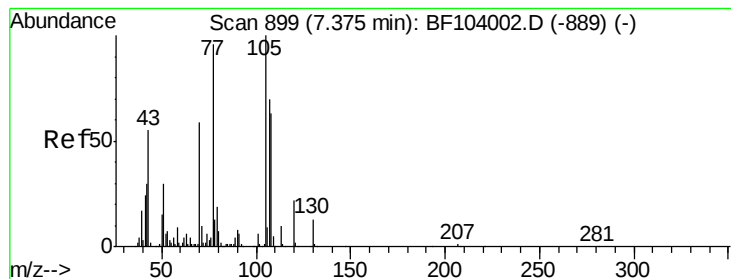
Sohil
3/29/2018 5:36:00 PM



#18
Hexachloroethane
Concen: 58.388 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	201954		
119	96.2	75.8	113.8	
201	98.2	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 50.943 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 70 Resp: 327589

Ion Ratio Lower Upper

70 100

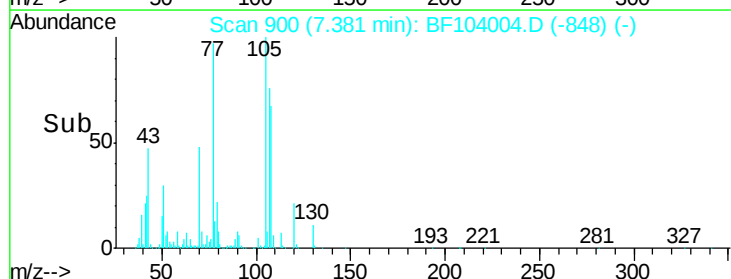
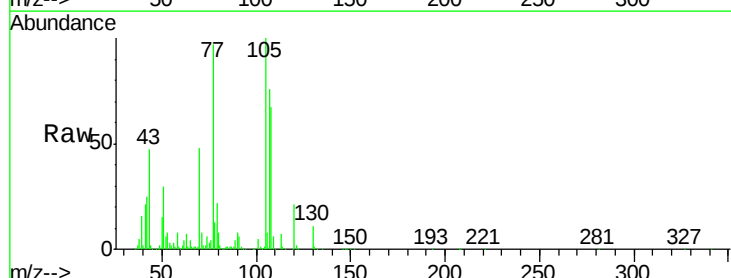
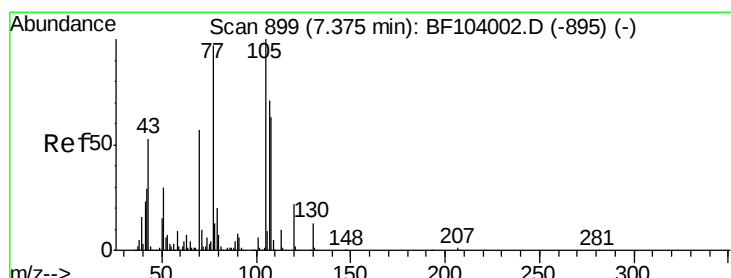
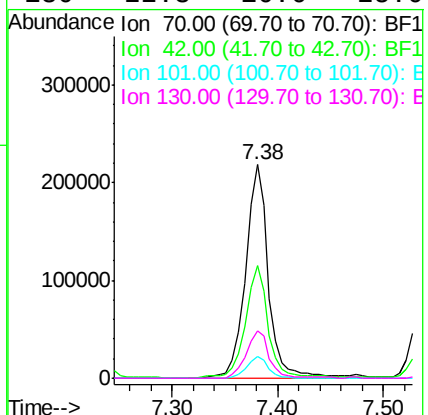
42 52.6 47.5 71.3

101 10.0 7.4 11.2

130 22.3 16.6 25.0

Manual Integrations
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#20

3+4-Methylphenols

Concen: 53.852 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Tgt Ion: 107 Resp: 522895

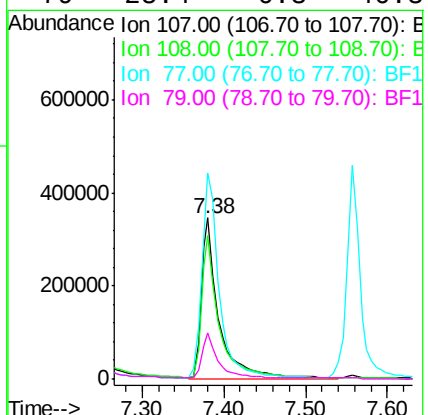
Ion Ratio Lower Upper

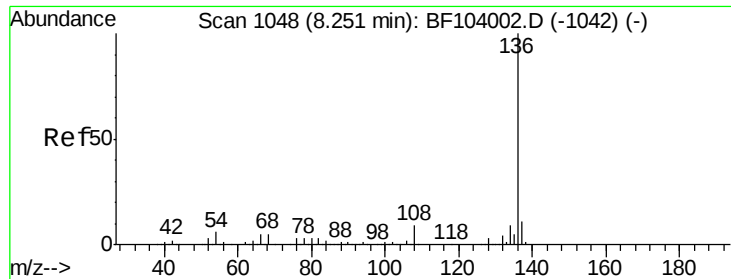
107 100

108 88.7 68.2 108.2

77 127.9 26.7 66.7#

79 28.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

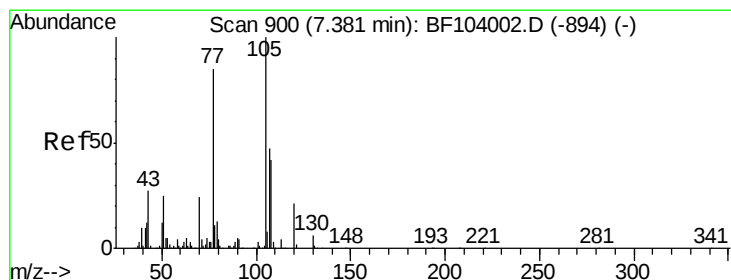
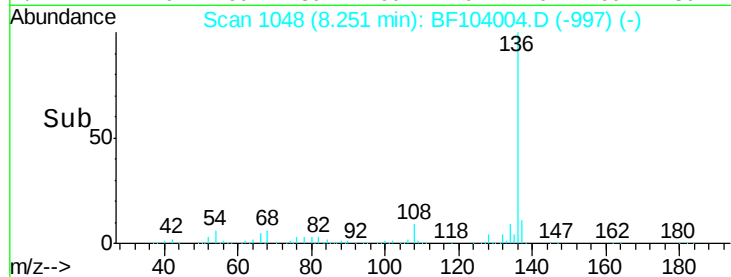
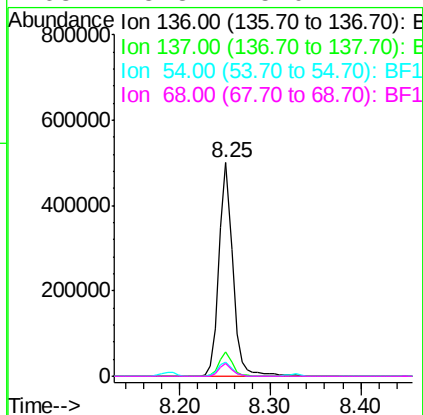
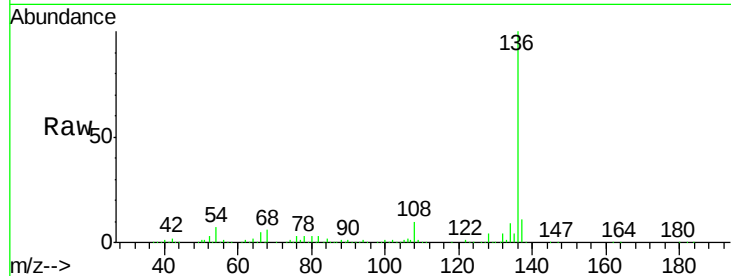
ClientSampleId :

SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	6.5	6.6	9.8	
68	5.8	5.0	7.4	

Manual Integrations
APPROVED

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#22

Acetophenone

Concen: 52.015 ng

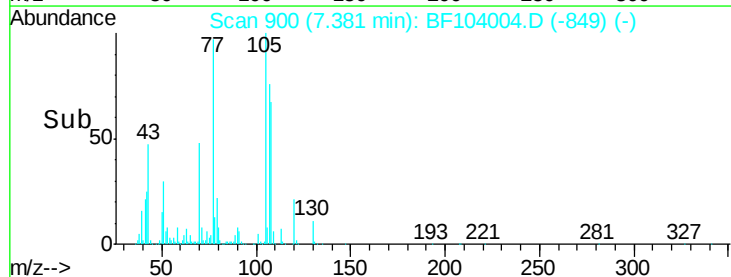
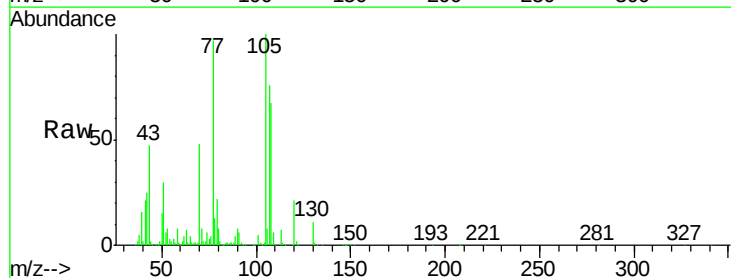
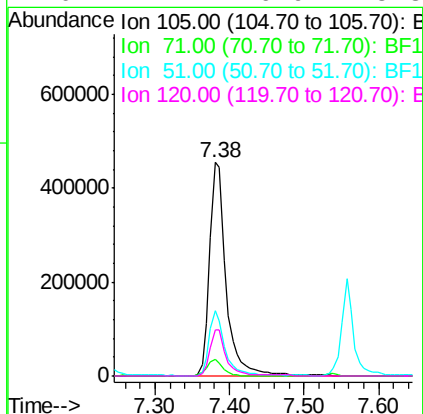
RT: 7.38 min Scan# 900

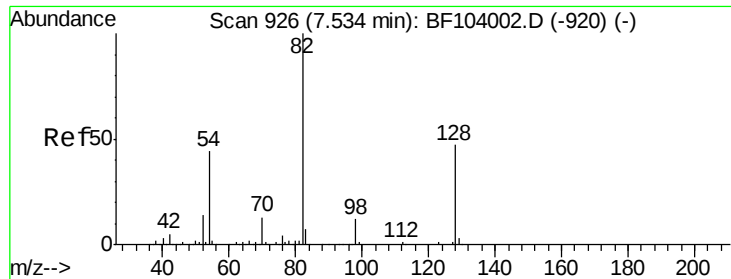
Delta R.T. -0.00 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.7	4.4	6.6	
51	30.4	22.3	33.5	
120	21.4	16.9	25.3	





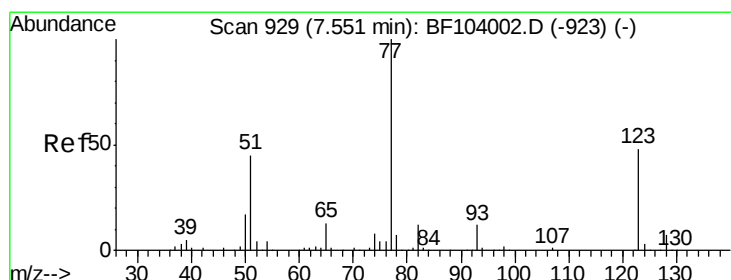
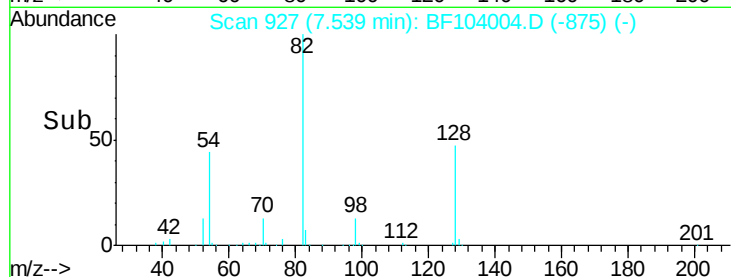
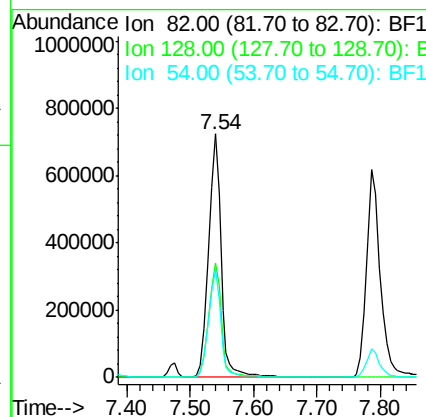
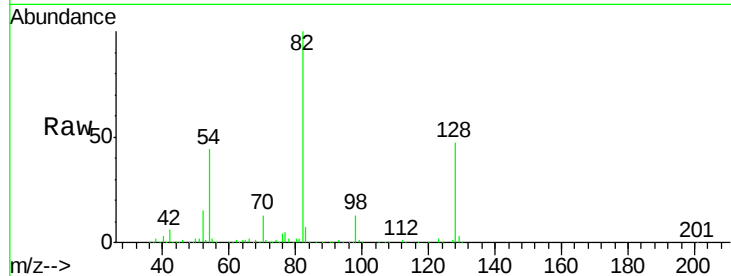
#23
 Nitrobenzene-d5
 Concen: 132.179 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
82	100	993301		
128	47.0		36.1	54.1
54	44.5		41.4	62.2

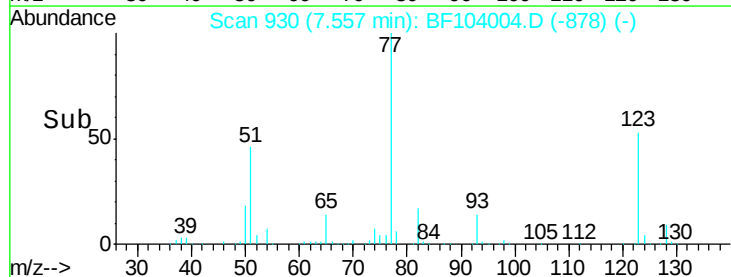
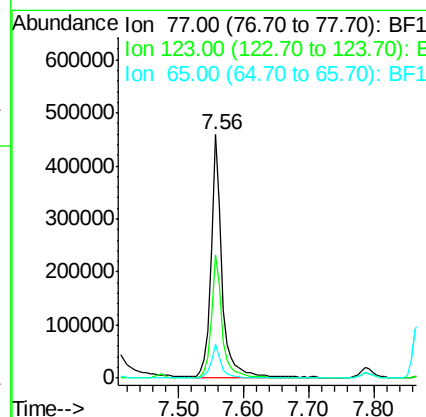
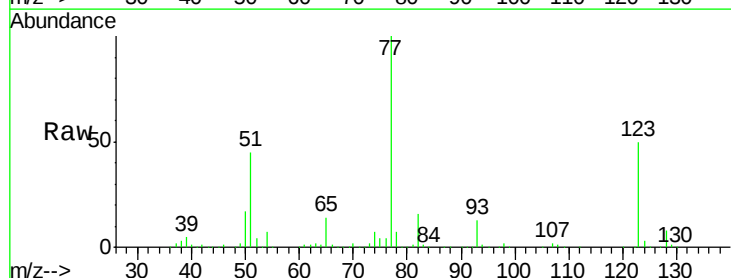
Manual Integrations
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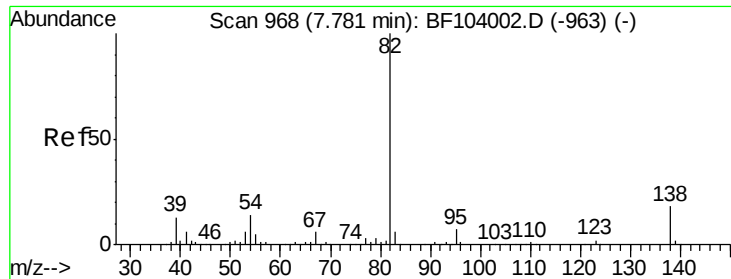
Sohil
 3/29/2018 5:36:00 PM



#24
 Nitrobenzene
 Concen: 60.556 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	534249		
123	50.5		37.9	56.9
65	13.7		11.0	16.4





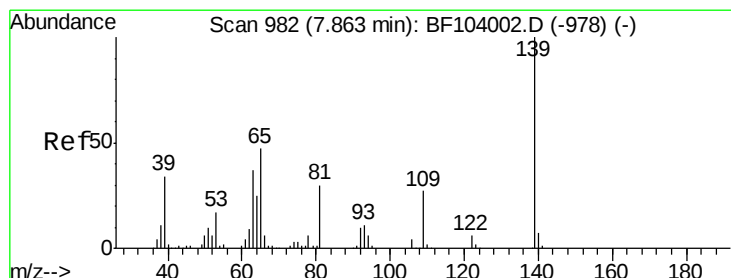
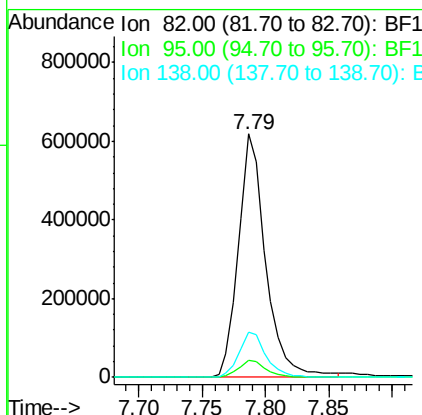
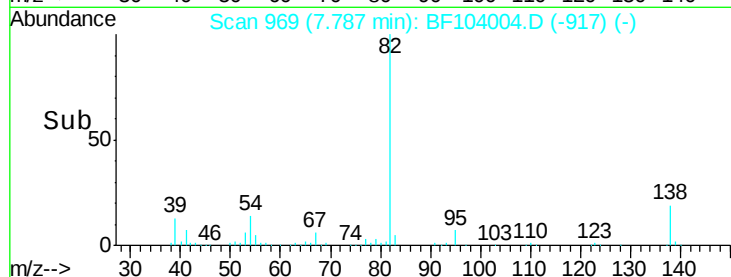
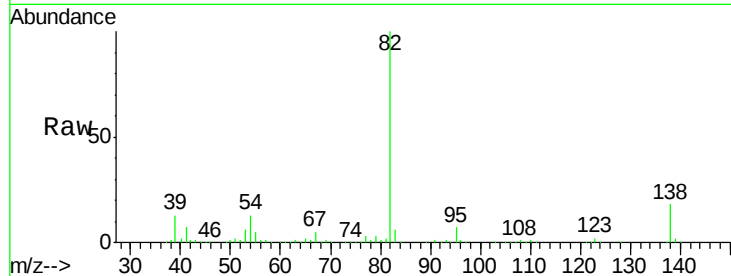
#25
Isophorone
Concen: 52.553 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.2	7.8
138	18.5	14.9	22.3

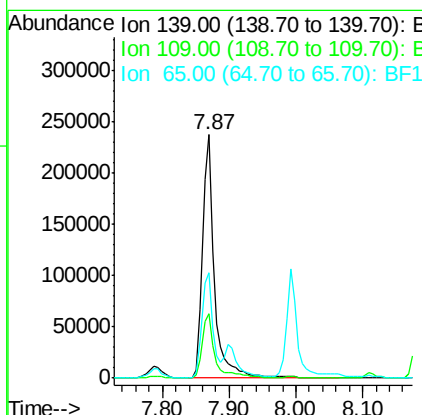
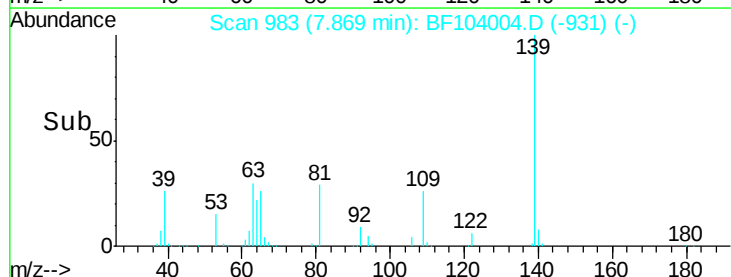
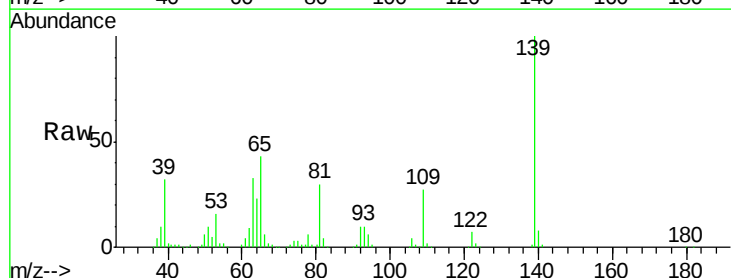
Manual Integrations
APPROVED

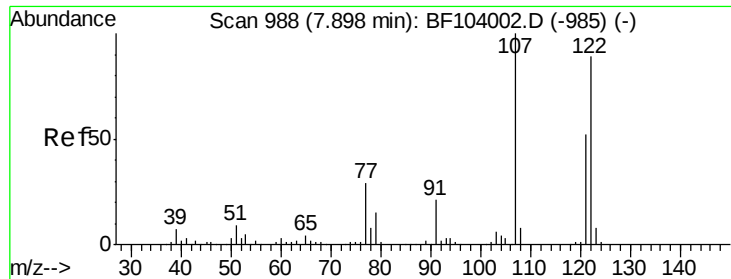
Sohil
3/29/2018 5:36:00 PM



#26
2-Nitrophenol
Concen: 100.088 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.6	22.7	34.1
65	43.5	40.5	60.7





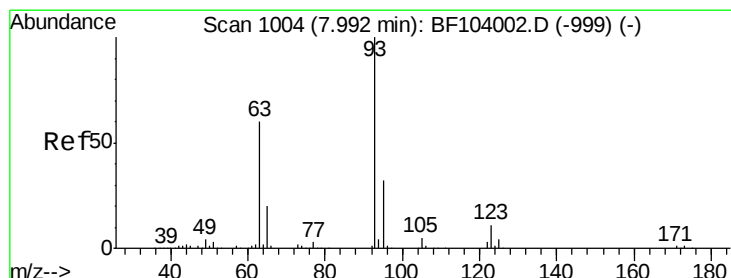
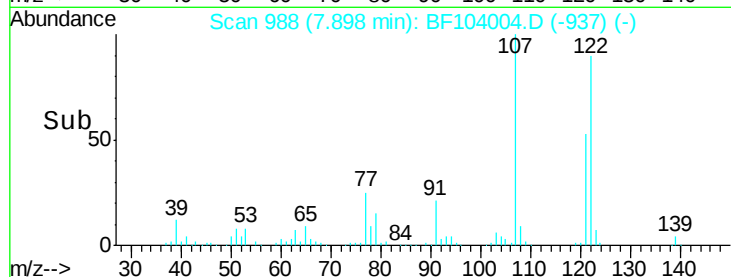
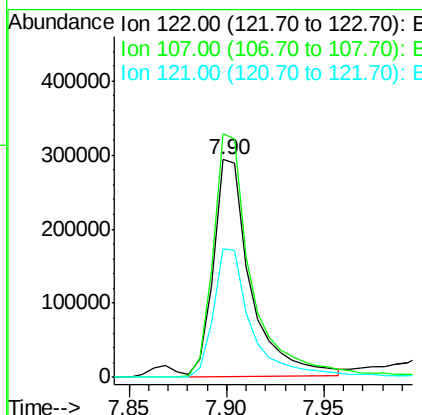
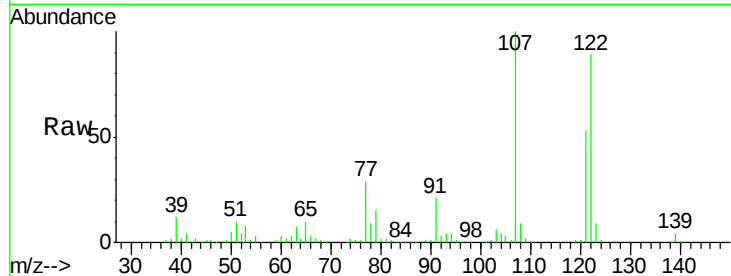
#27
 2,4-Dimethylphenol
 Concen: 52.265 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.2	136.8
121	59.0	47.2	70.8

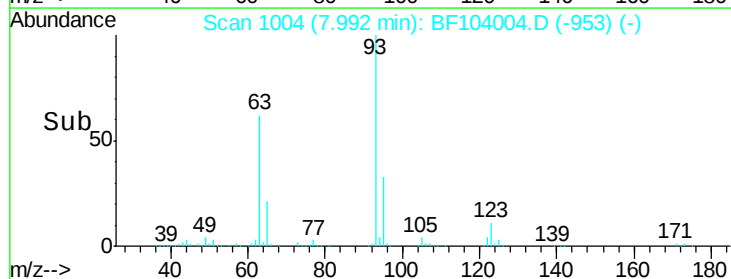
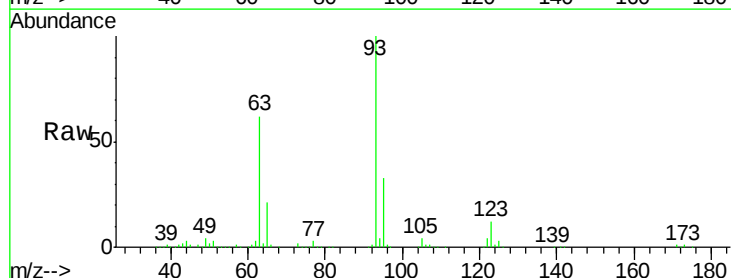
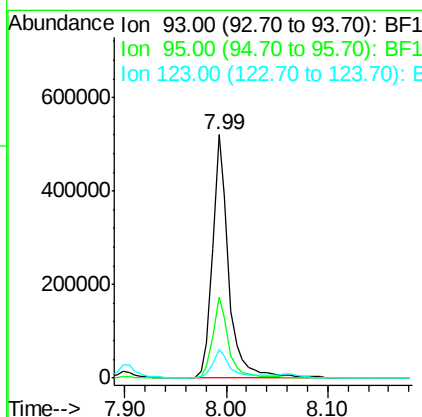
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 54.544 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.5	9.8	14.6





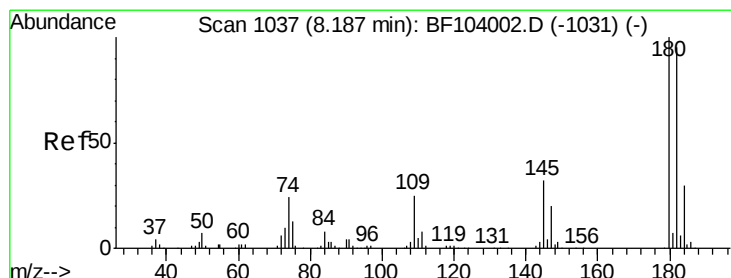
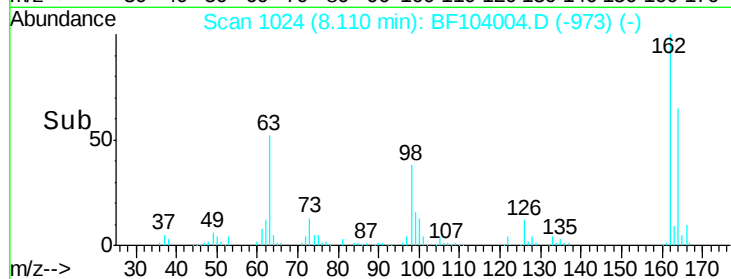
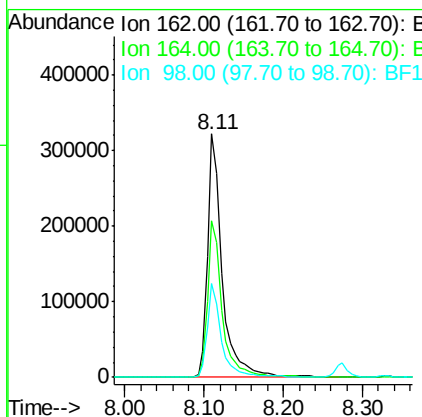
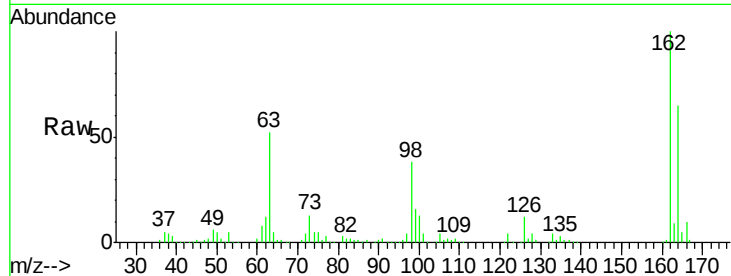
#29
2,4-Dichlorophenol
Concen: 61.502 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.7	82.7
98	38.5	18.1	58.1

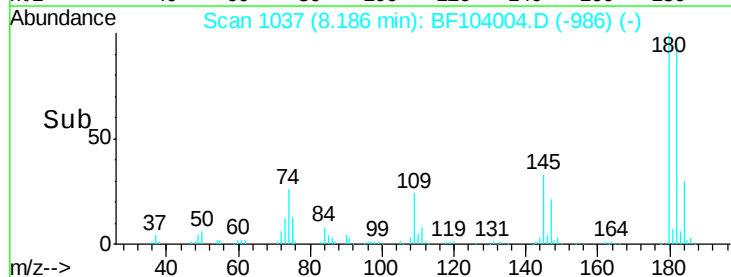
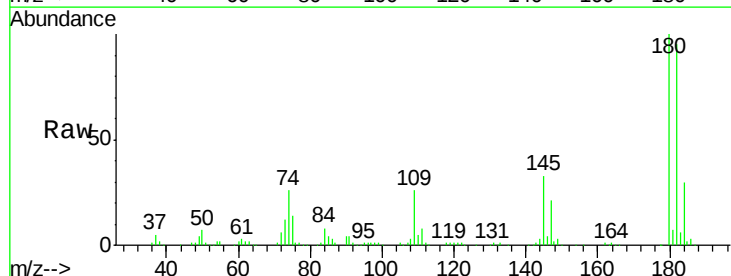
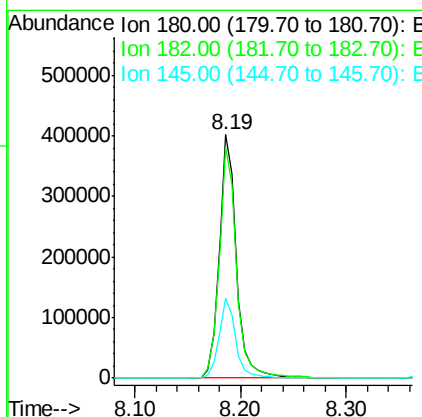
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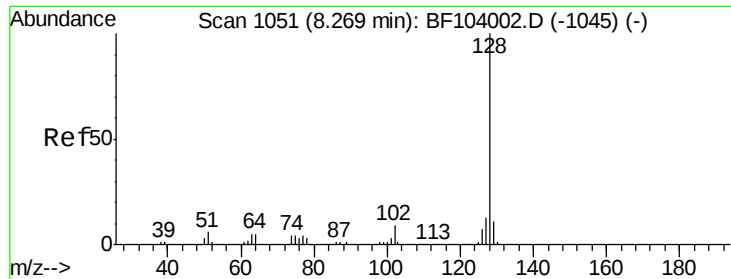
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 58.843 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.8	115.2
145	32.6	26.5	39.7





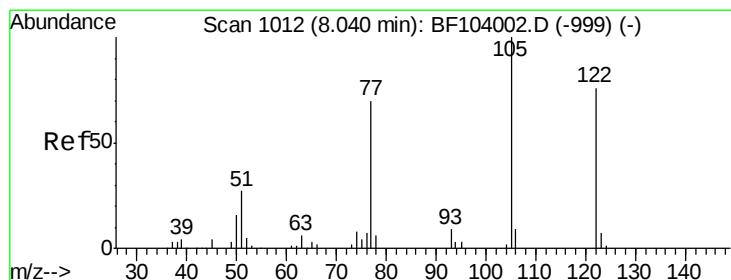
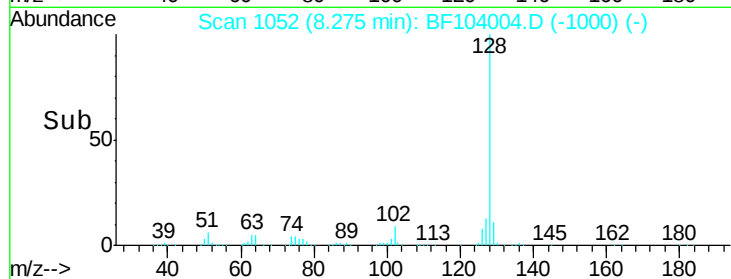
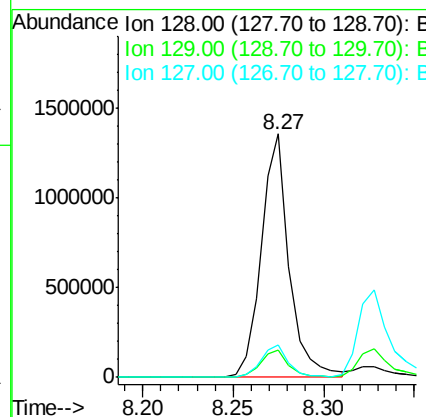
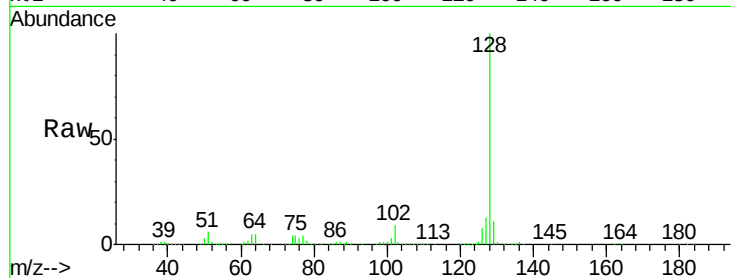
#31
Naphthalene
Concen: 54.670 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3

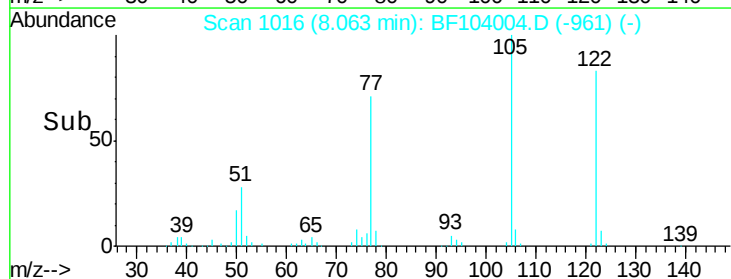
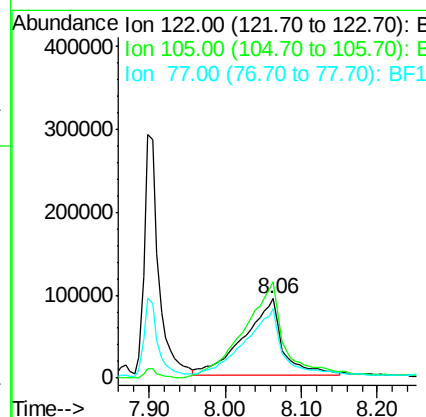
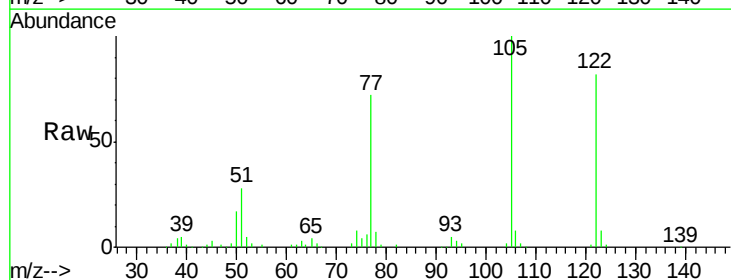
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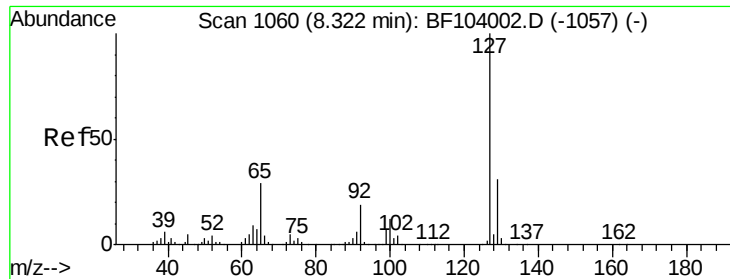
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#32
Benzoic acid
Concen: 72.273 ng m
RT: 8.06 min Scan# 1016
Delta R.T. 0.02 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.5	101.1	141.1
77	87.6	70.7	110.7





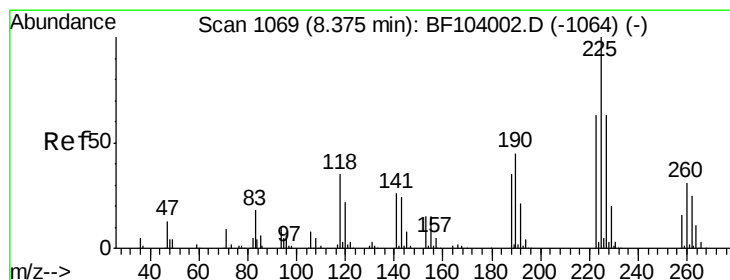
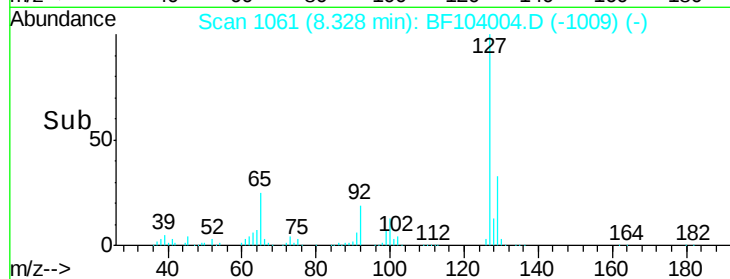
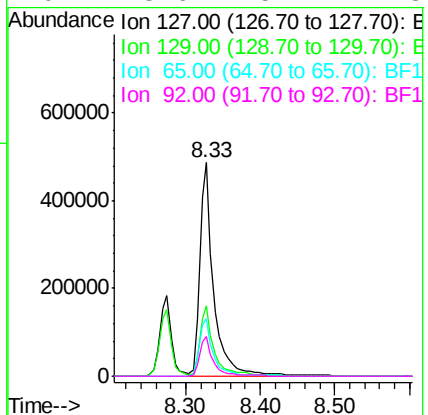
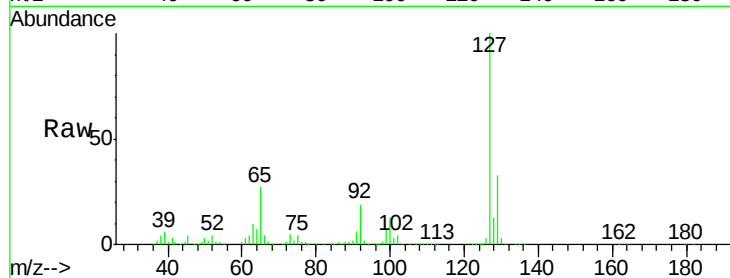
#33
4-Chloroaniline
Concen: 56.780 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		630601		
129	32.9	25.9	38.9		
65	26.7	25.0	37.4		
92	18.6	15.2	22.8		

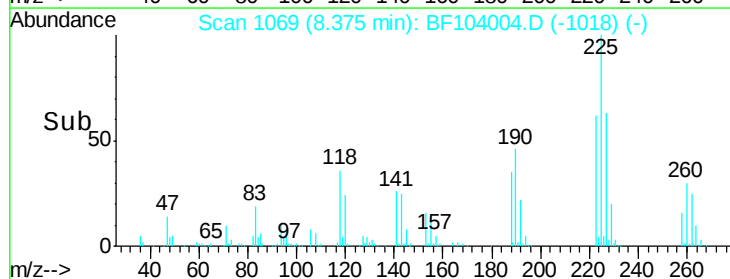
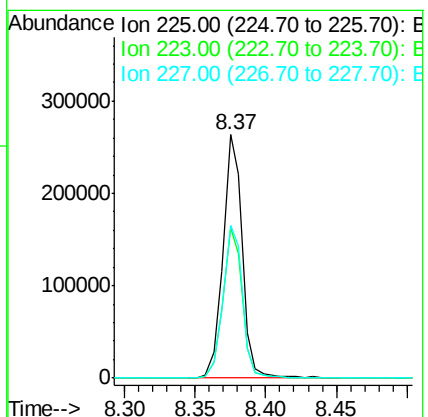
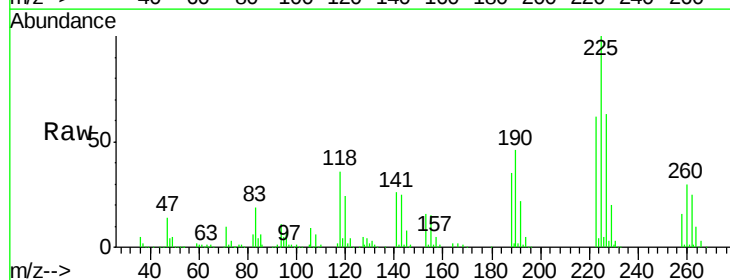
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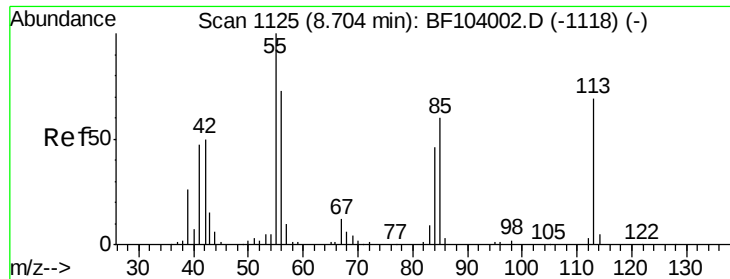
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#34
Hexachlorobutadiene
Concen: 58.057 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		250320		
223	61.6	50.6	76.0		
227	62.6	51.9	77.9		





#35

Caprolactam

Concen: 57.241 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

ClientSampled :

SSTDICC060

Tot Ion:113 Resp: 133642

Ion Ratio Lower Upper

113 100

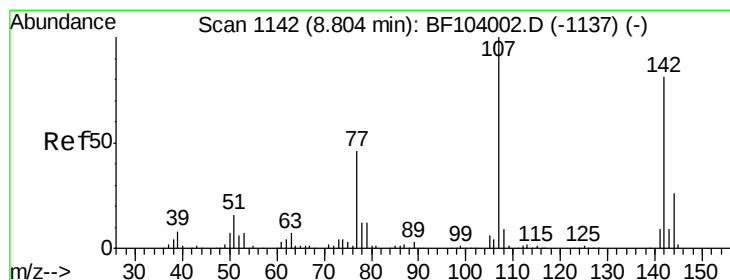
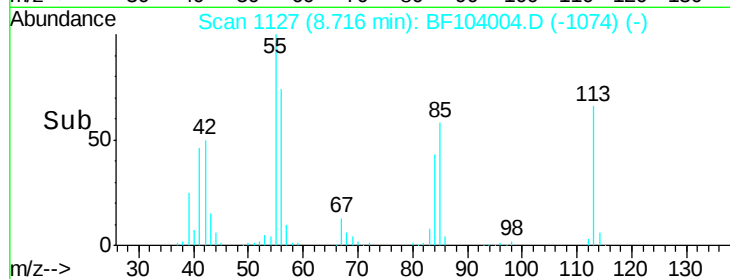
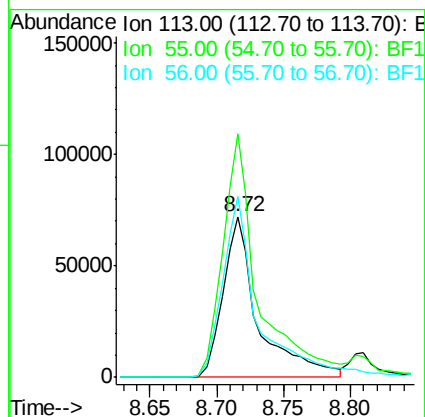
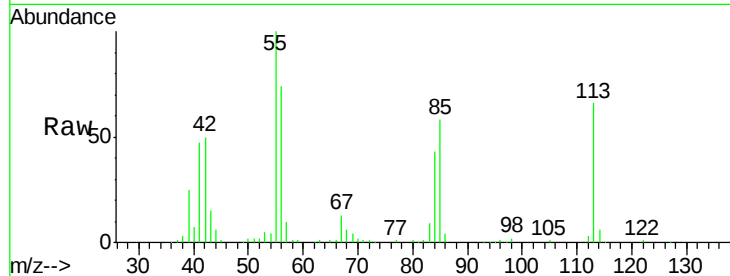
55 151.5 163.3 203.3#

56 112.5 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 59.339 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

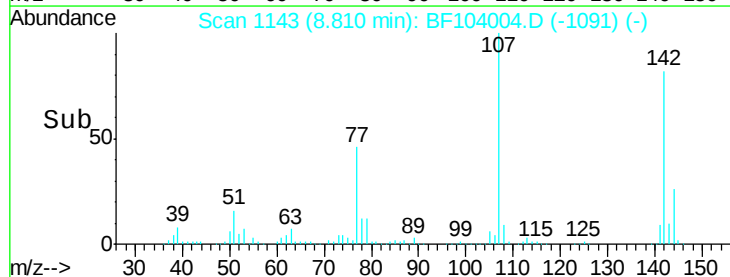
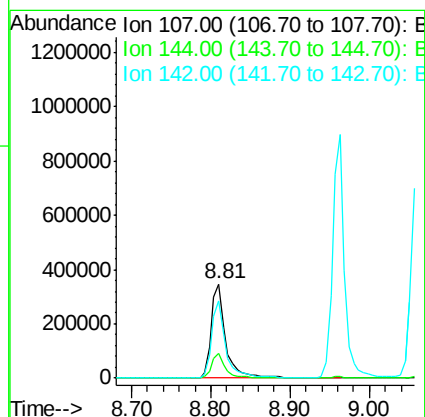
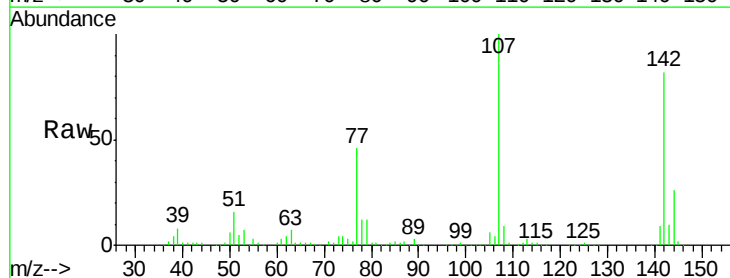
Tgt Ion:107 Resp: 443540

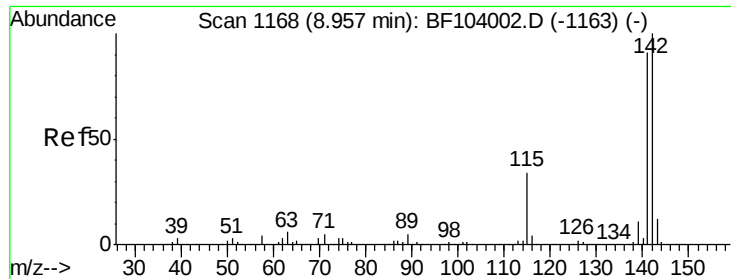
Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

142 82.1 62.0 93.0





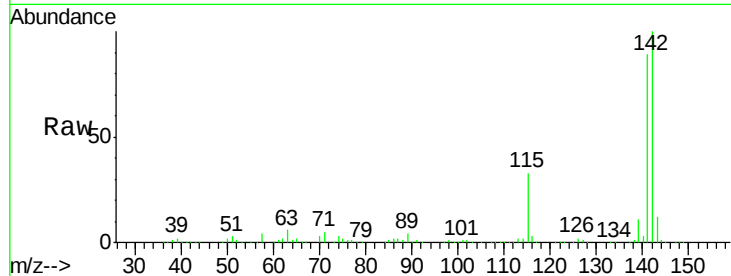
#37
2-Methylnaphthalene
Concen: 56.352 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

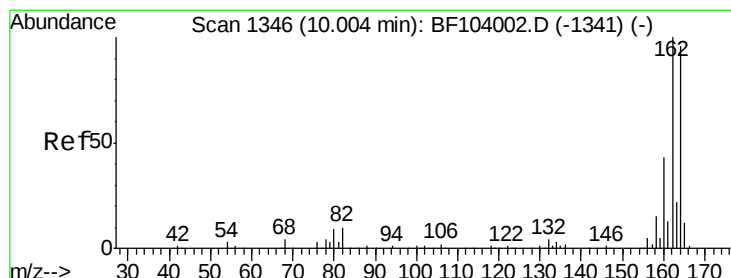
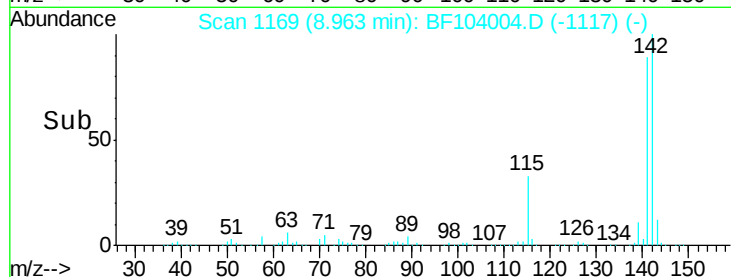
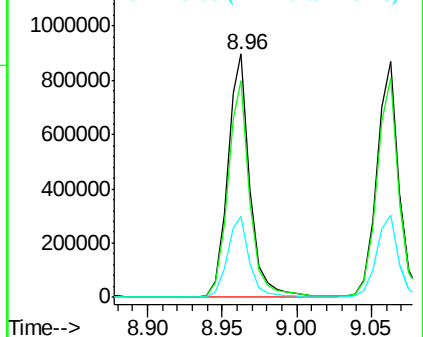
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	33.4	26.1	39.1

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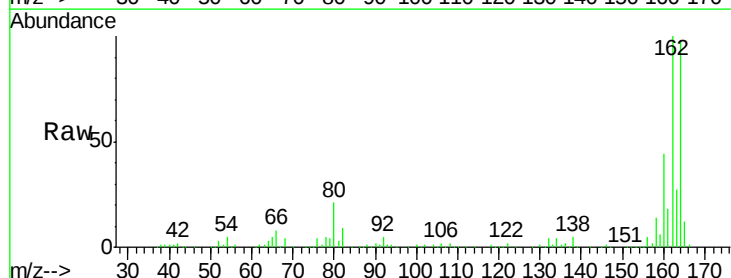


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

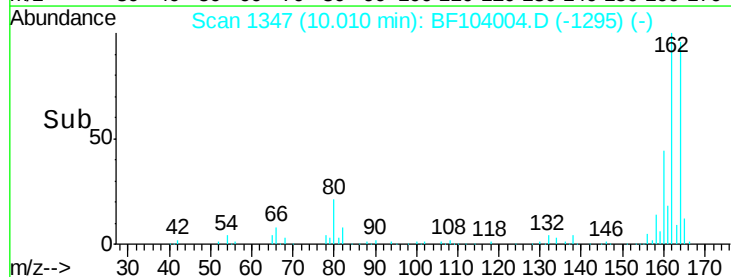
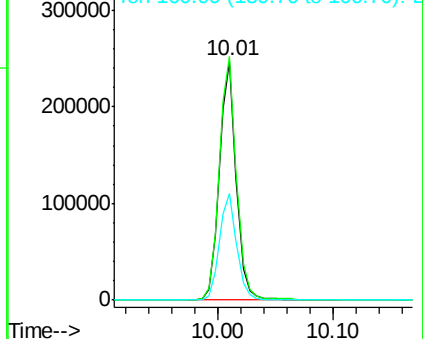


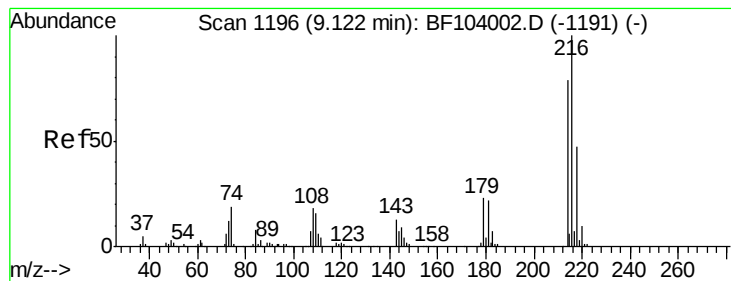
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	44.5	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 59.610 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

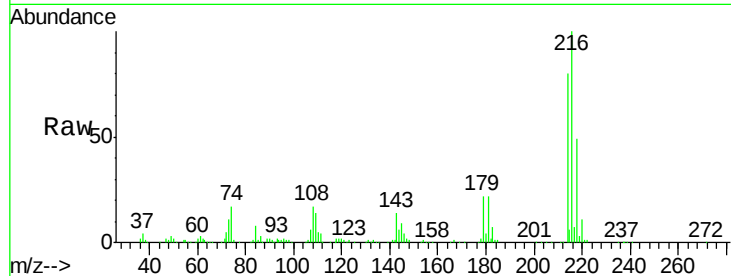
ClientSampleId :

SSTDIC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		424362		
214	79.9		63.0	94.4	
179	22.5		18.1	27.1	
108	19.9		17.2	25.8	

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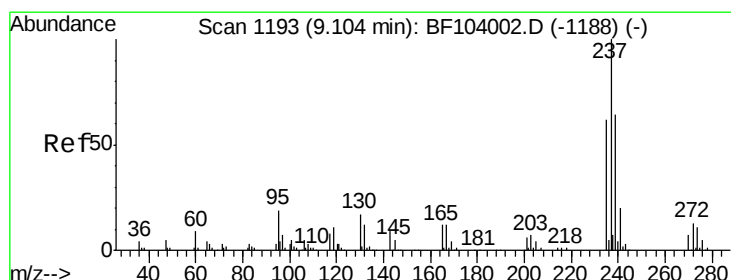
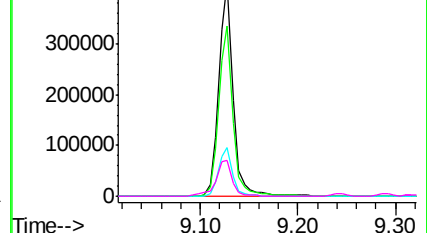
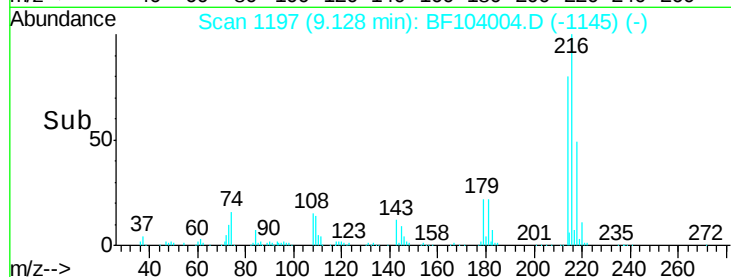


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 56.467 ng

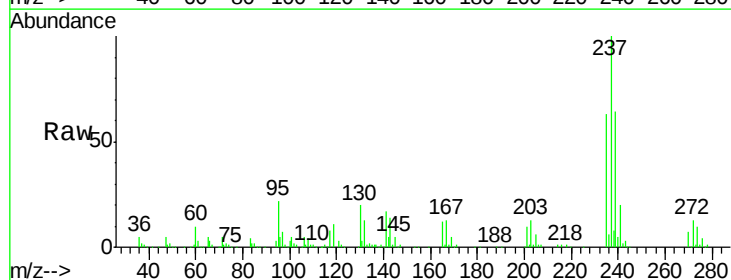
RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

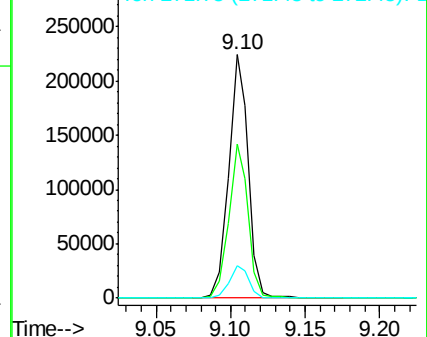
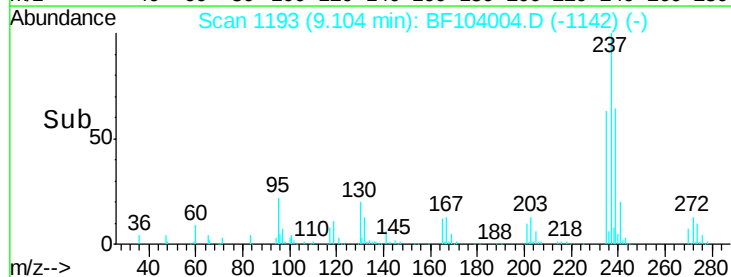
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		207426		
235	63.2		44.8	84.8	
272	13.4		0.0	33.3	

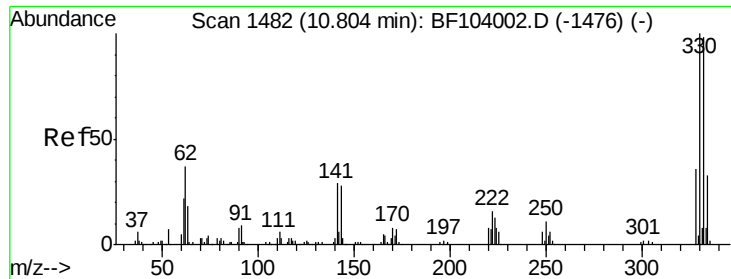


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





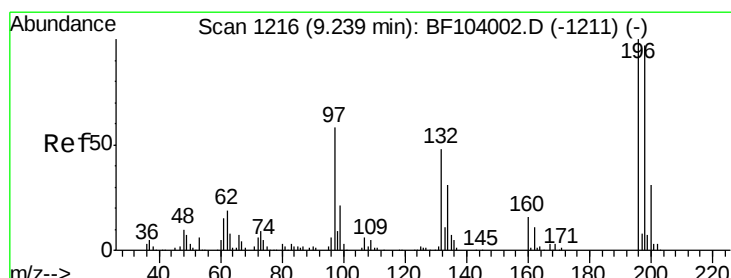
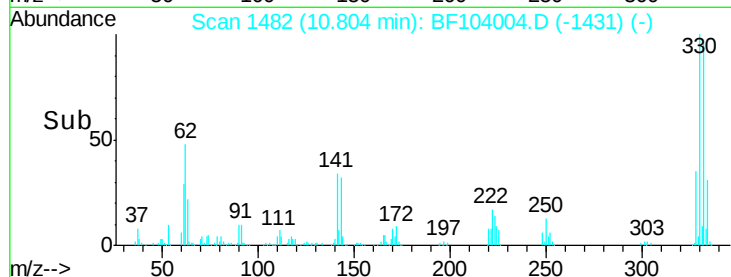
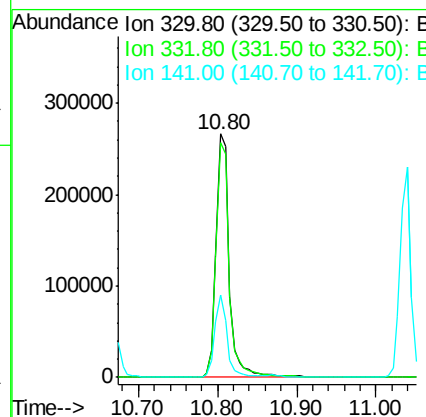
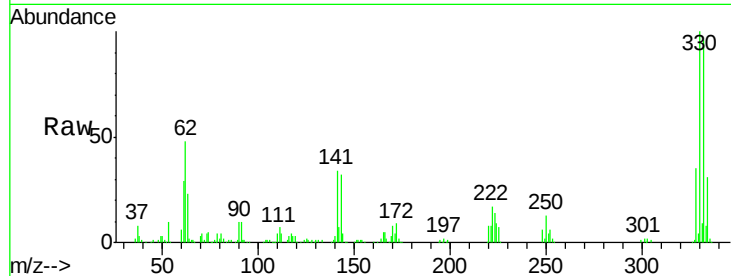
#41
 2,4,6-Tribromophenol
 Concen: 144.459 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
330	100	309941		
332	96.6	77.0	115.6	
141	31.6	29.9	44.9	

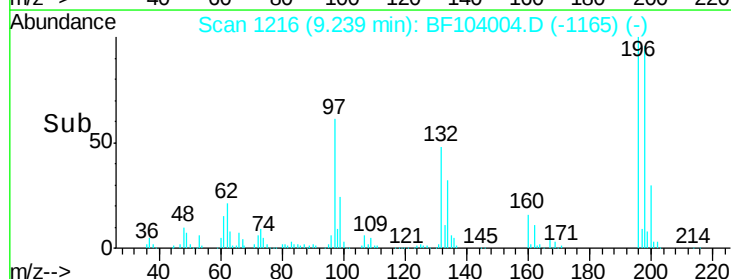
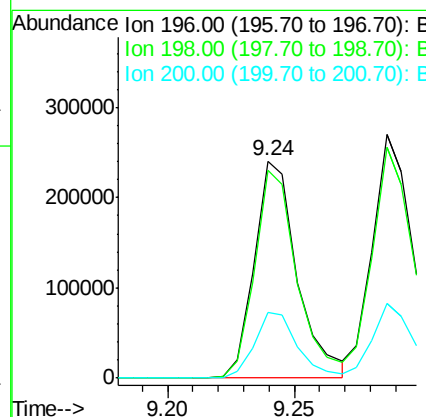
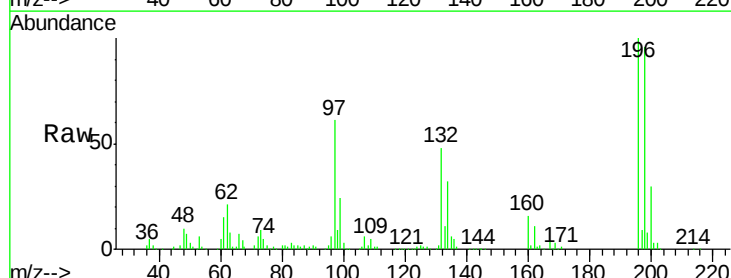
Manual Integrations
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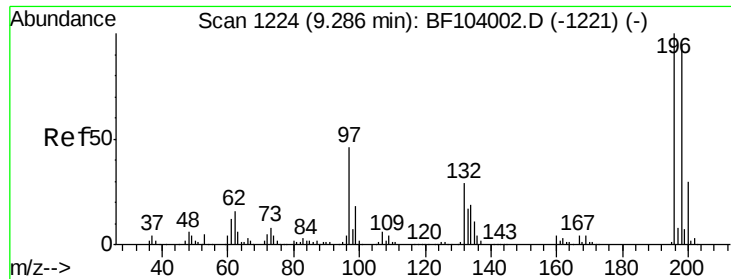
Sohil
 3/29/2018 5:36:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 62.088 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	282715		
198	95.6	75.7	113.5	
200	30.4	24.5	36.7	





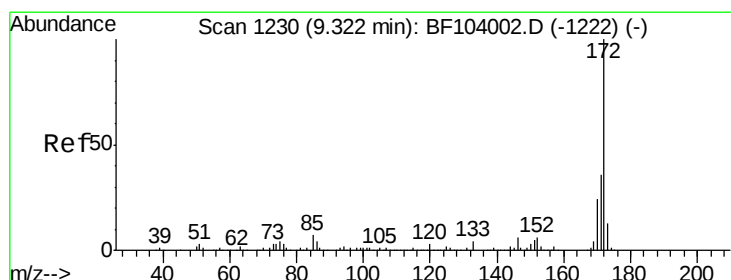
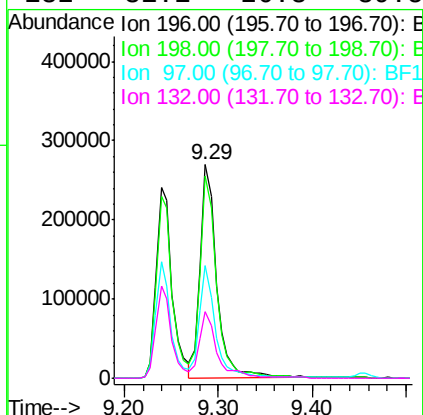
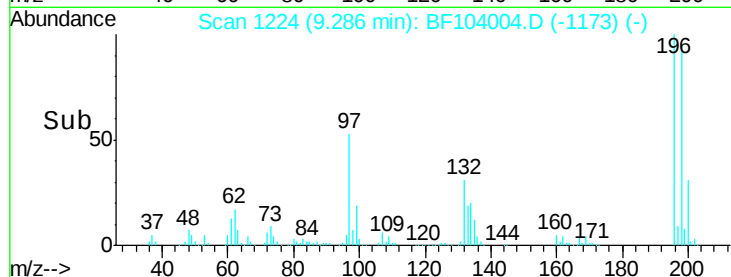
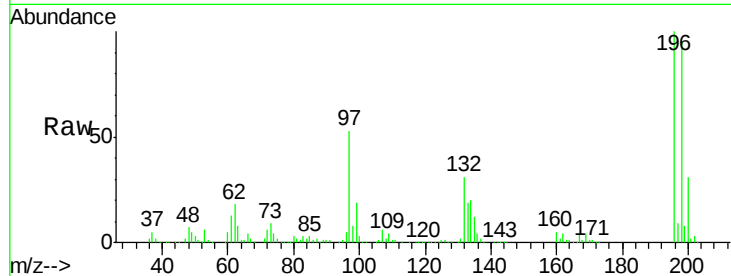
#43
 2,4,5-Trichlorophenol
 Concen: 64.927 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:	196	Resp:	333691
Ion Ratio	Lower	Upper	
196	100		
198	94.7	74.6	112.0
97	52.7	42.9	64.3
132	31.1	26.3	39.5

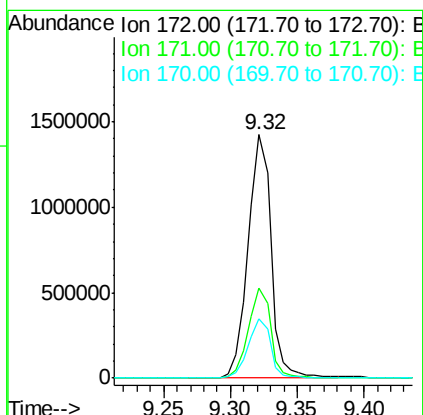
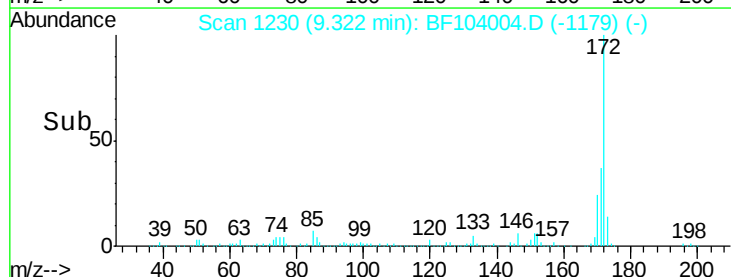
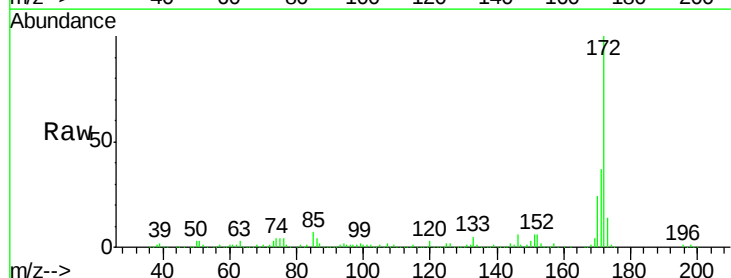
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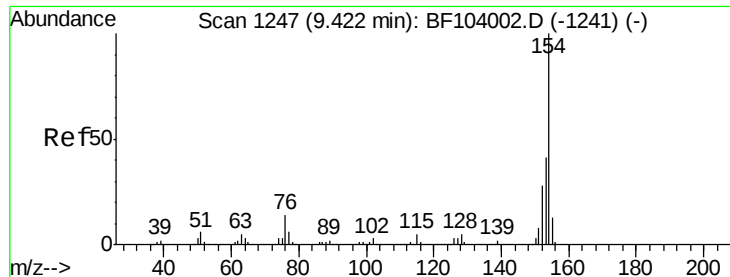
Sohil
 3/29/2018 5:36:00 PM



#44
 2-Fluorobiphenyl
 Concen: 107.757 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion:	172	Resp:	1685687
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 55.571 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:154 Resp: 1156307

Ion Ratio Lower Upper

154 100

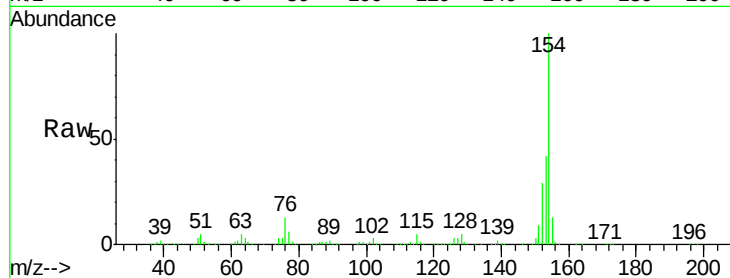
153 41.7 21.3 61.3

76 13.1 0.0 34.0

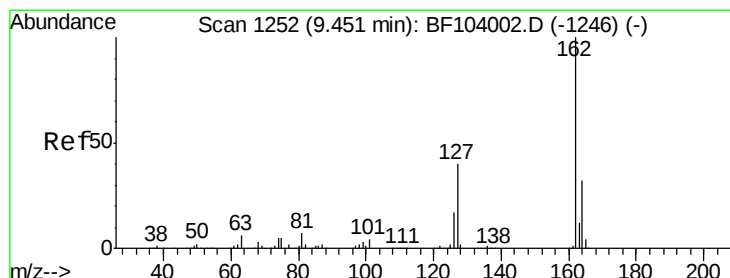
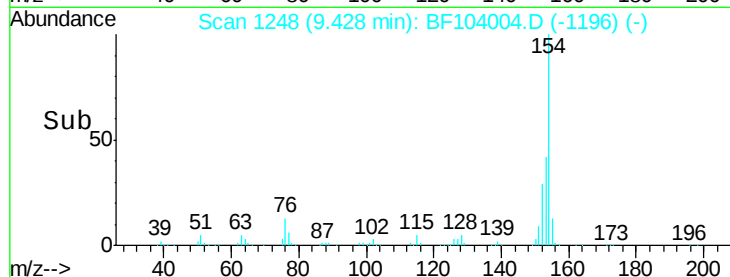
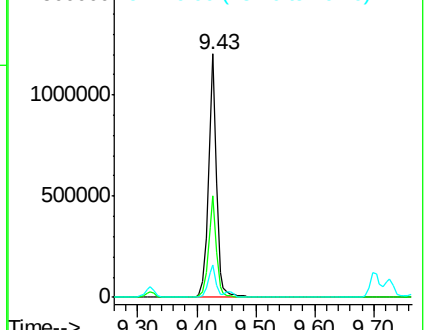
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 56.335 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

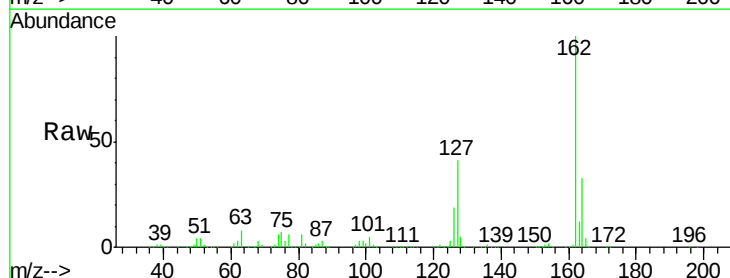
Tgt Ion:162 Resp: 931034

Ion Ratio Lower Upper

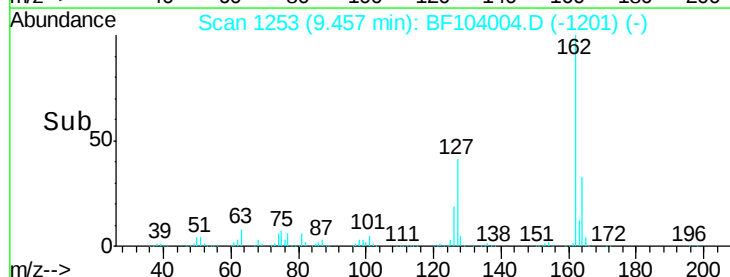
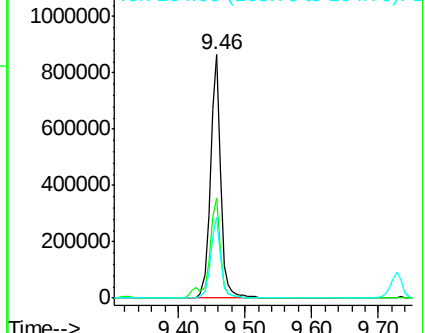
162 100

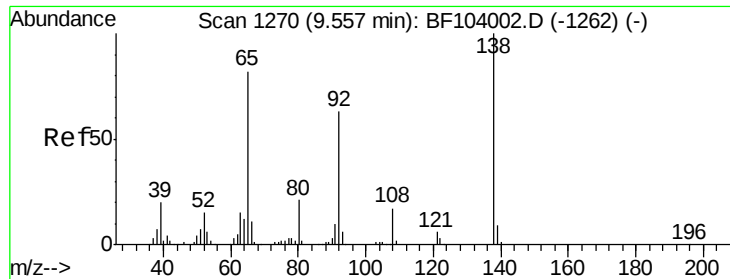
127 41.4 33.9 50.9

164 33.1 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





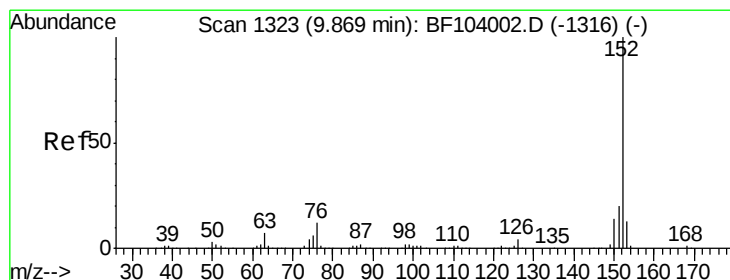
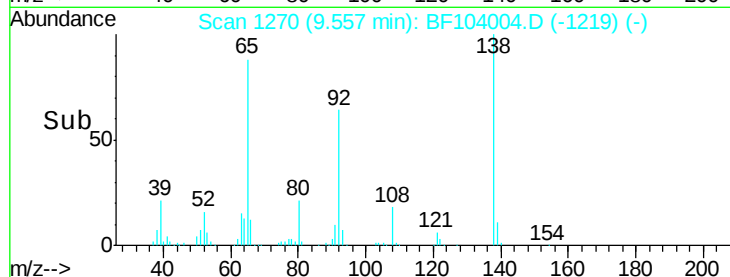
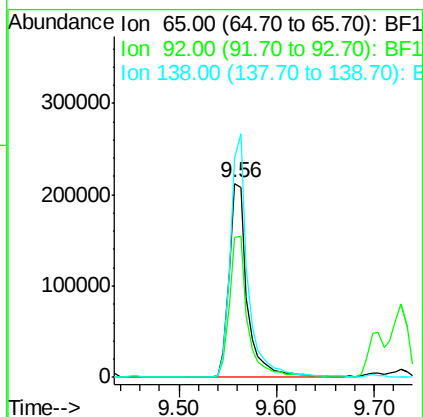
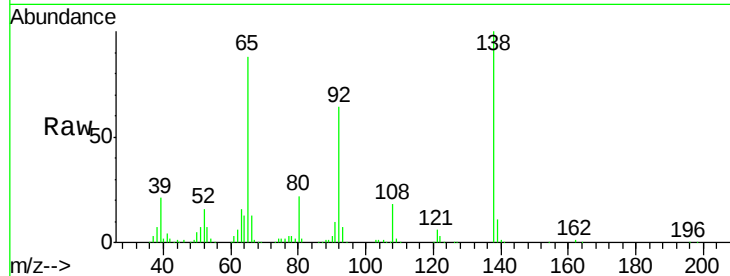
#47
2-Nitroaniline
Concen: 71.915 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
65	100	277585		
92	72.0		55.8	83.6
138	113.2		91.2	136.8

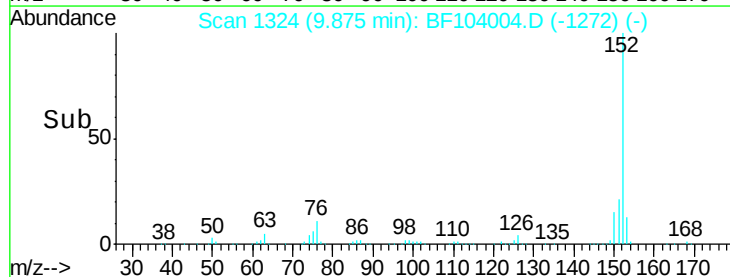
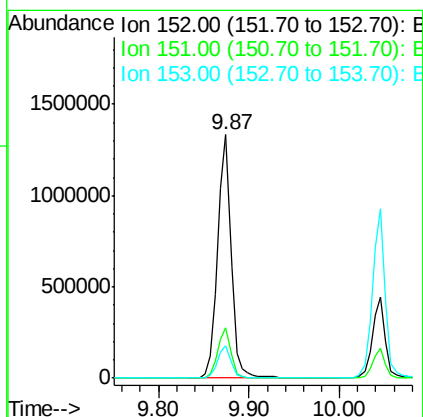
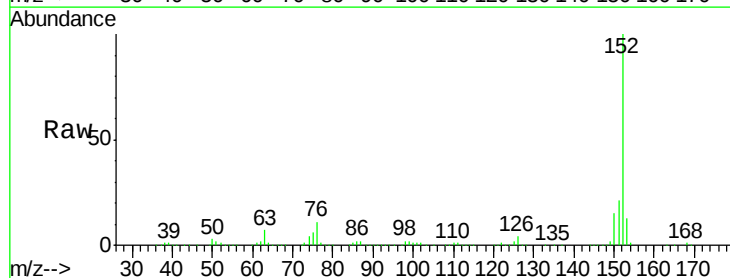
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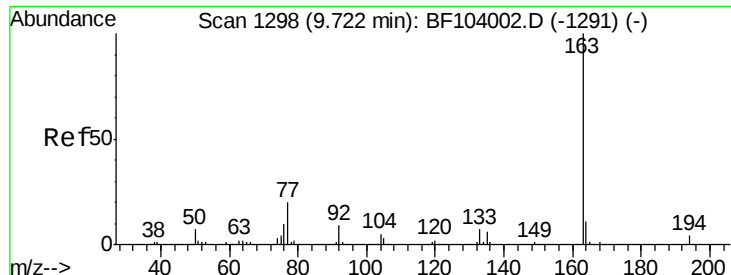
Sohil
3/29/2018 5:36:00 PM



#48
Acenaphthylene
Concen: 53.561 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1372648		
151	20.5		16.3	24.5
153	13.2		10.7	16.1





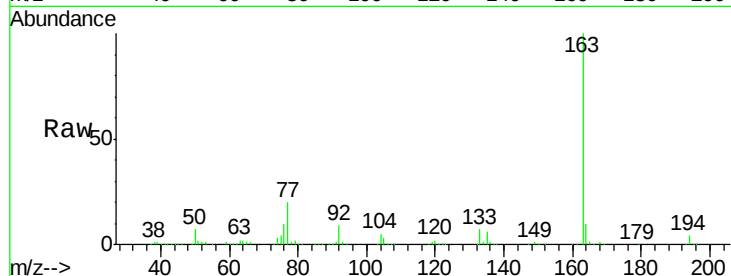
#49
Dimethylphthalate
Concen: 57.944 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

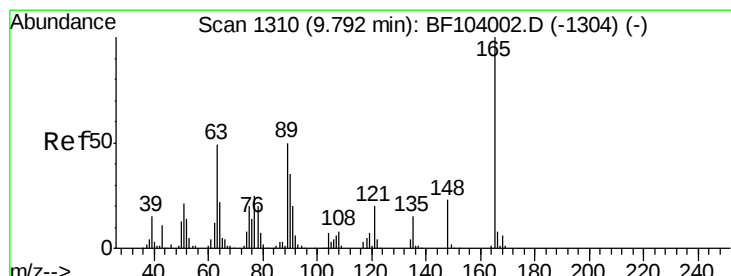
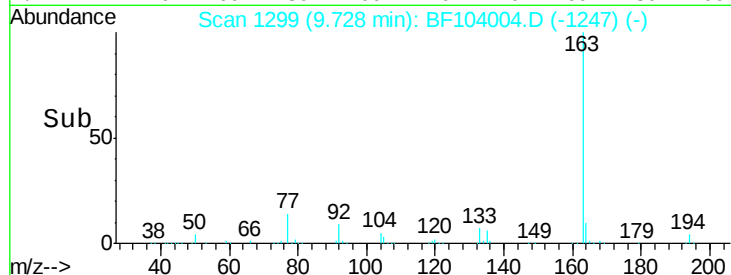
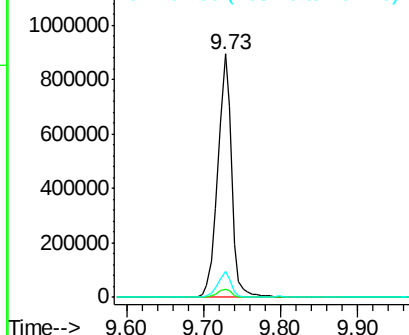
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2

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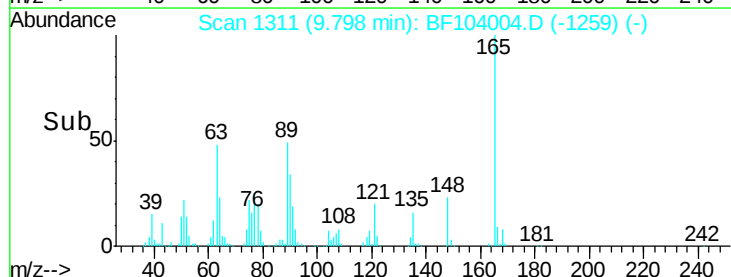
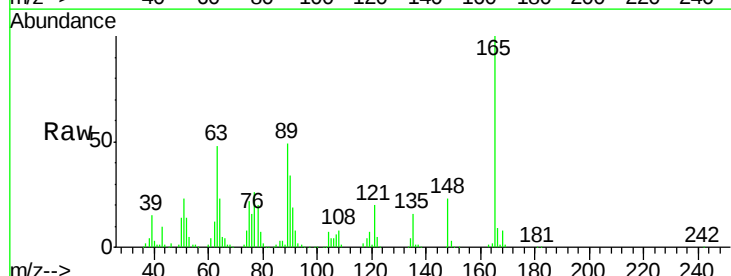
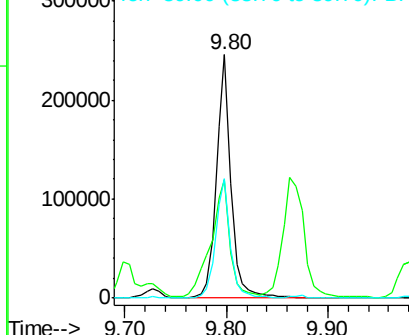
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

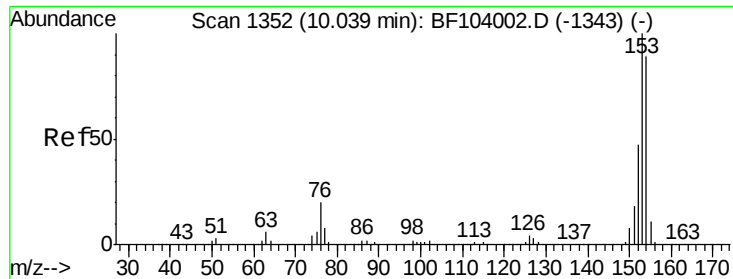


#50
2,6-Dinitrotoluene
Concen: 71.940 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.4	44.7	67.1
89	49.1	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 52.692 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

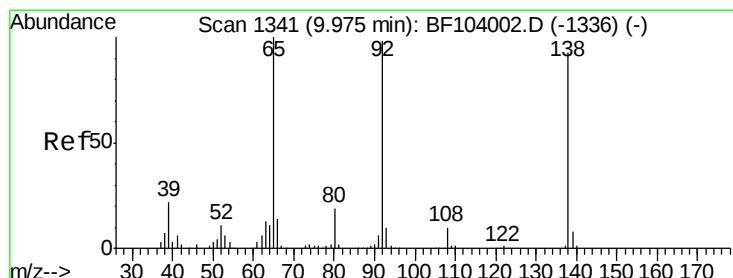
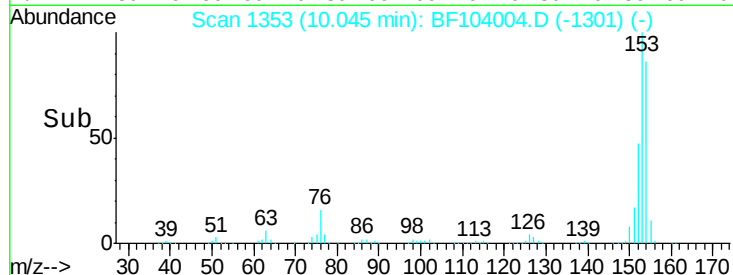
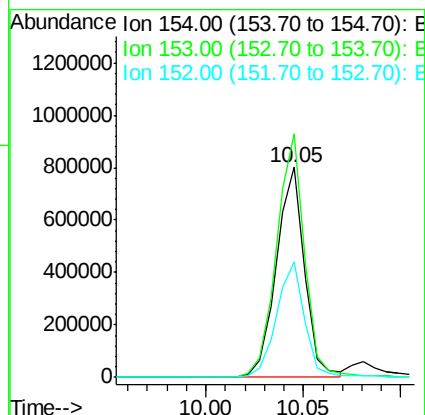
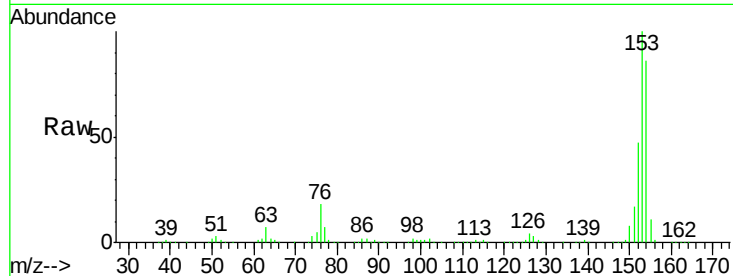
ClientSampleId :

SSTDIC060

Tot Ion:	154	Resp:	801810
Ion Ratio	Lower	Upper	
154	100		
153	116.0	91.2	136.8
152	55.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 67.661 ng

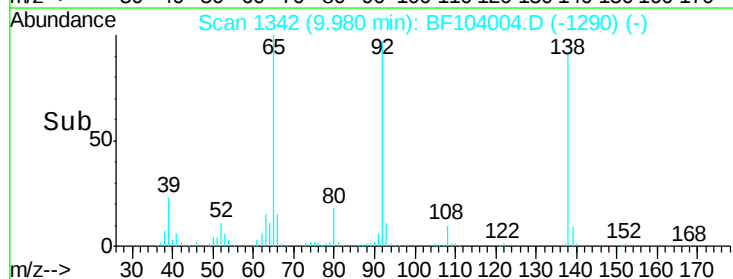
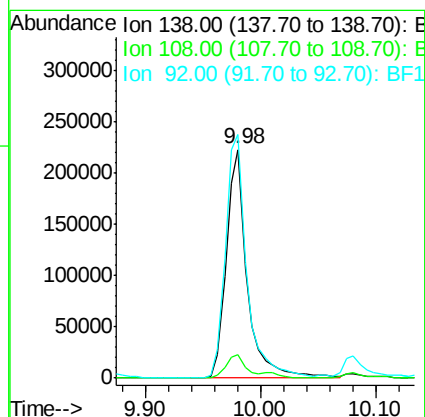
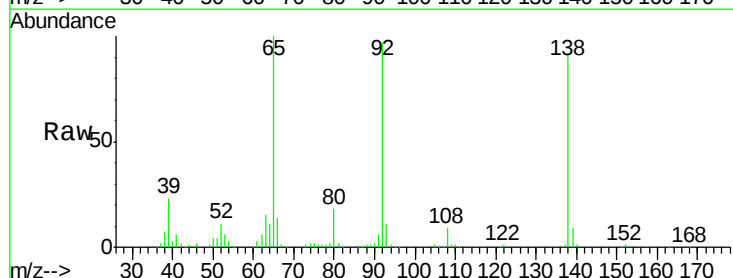
RT: 9.98 min Scan# 1342

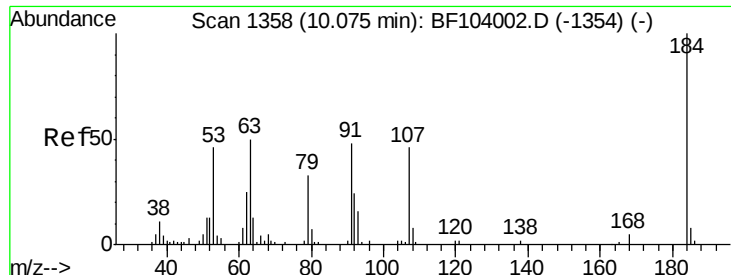
Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Tgt Ion:	138	Resp:	279504
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	106.4	89.4	134.2





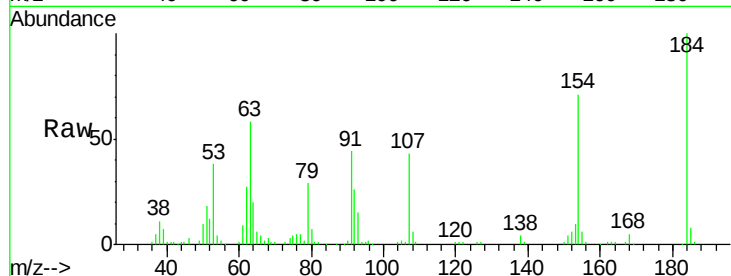
#53
2,4-Dinitrophenol
Concen: 147.078 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

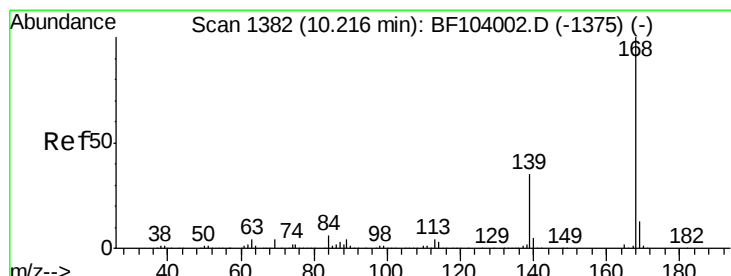
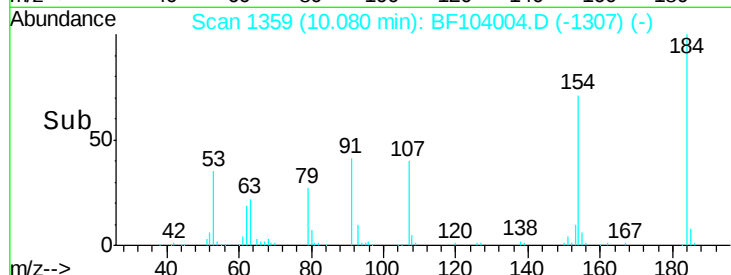
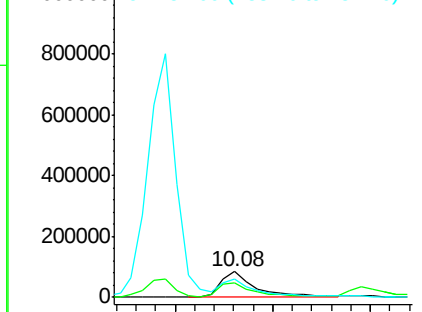
Tot Ion	Ratio	Lower	Upper
184	100		
63	57.9	54.2	81.2
154	71.4	184.0	276.0#

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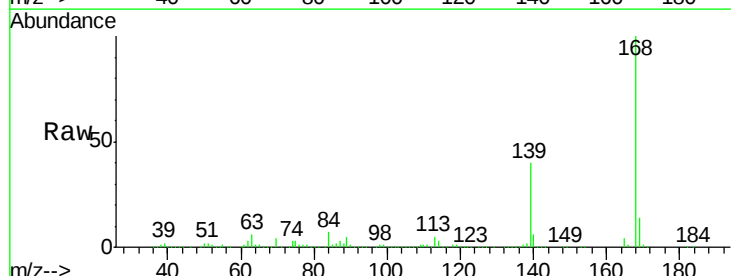


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

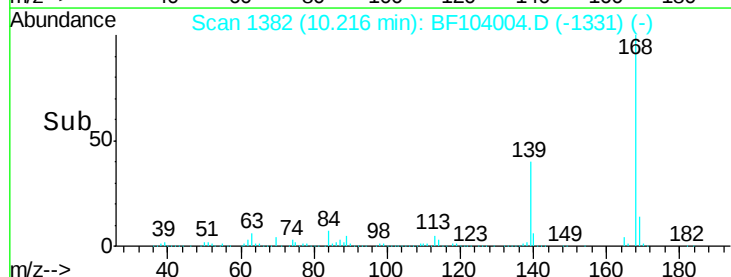
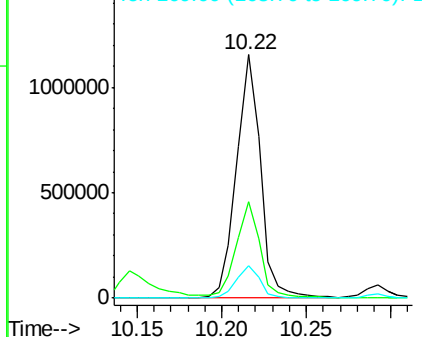


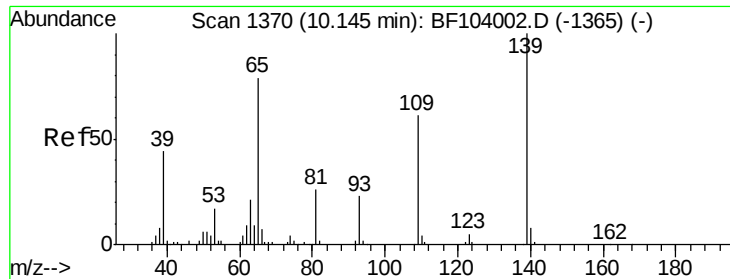
#54
Dibenzofuran
Concen: 52.981 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1
169	13.5	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





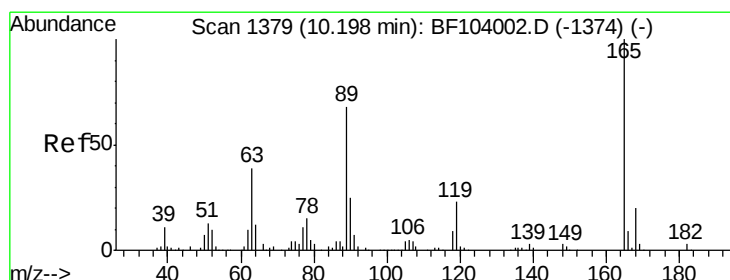
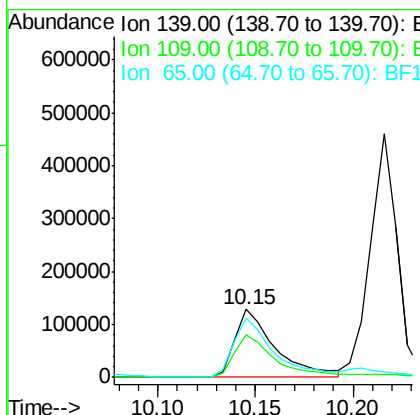
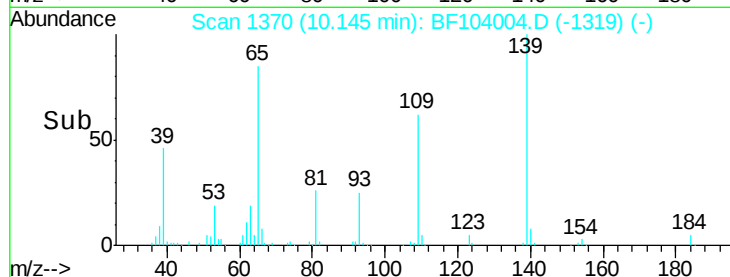
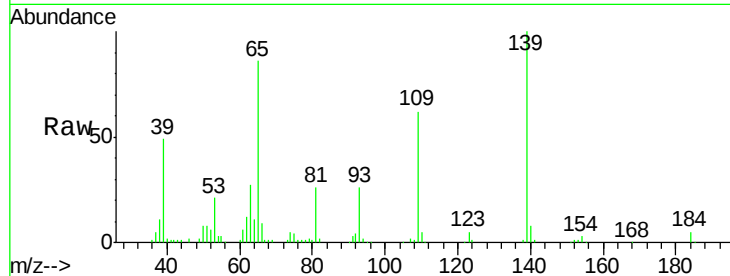
#55
4-Nitrophenol
Concen: 60.657 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
139	100	185680		
109	62.2	48.4	88.4	
65	86.1	72.6	112.6	

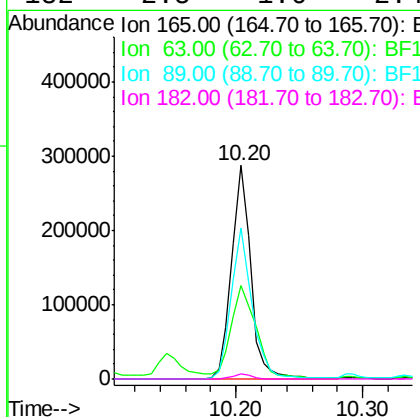
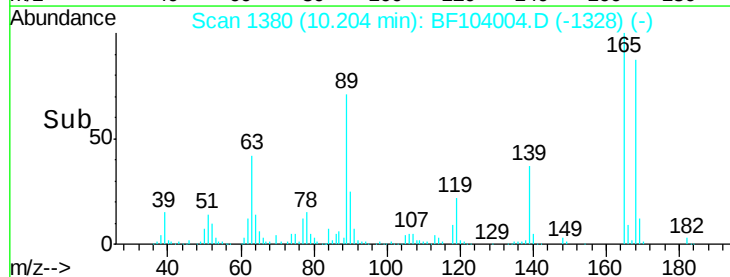
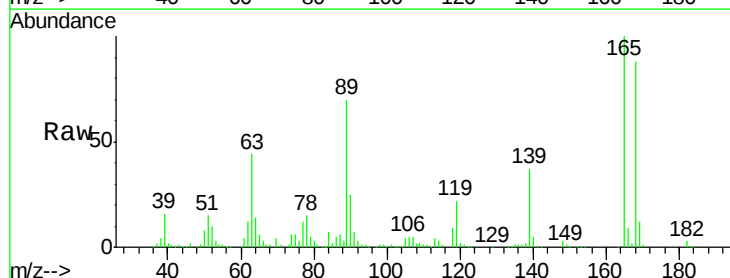
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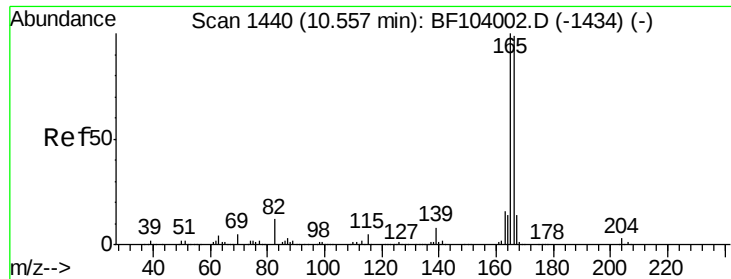
Sohil
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#56
2,4-Dinitrotoluene
Concen: 72.587 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	304609		
63	44.1	36.4	54.6	
89	70.5	57.8	86.6	
182	2.5	1.6	2.4	#





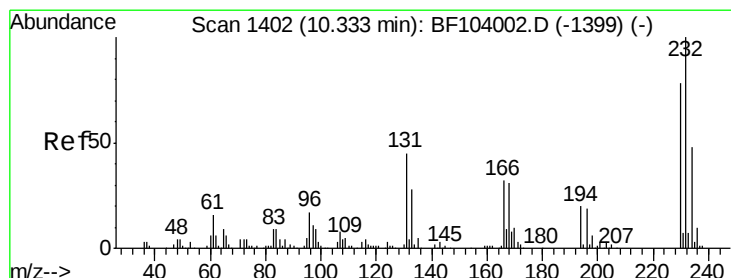
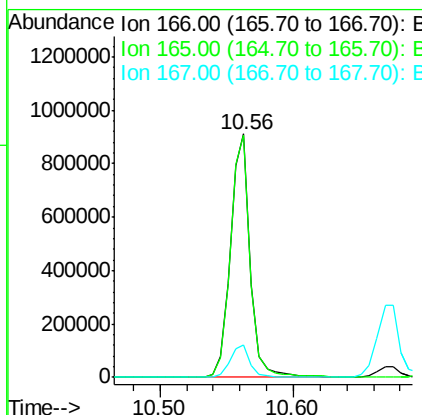
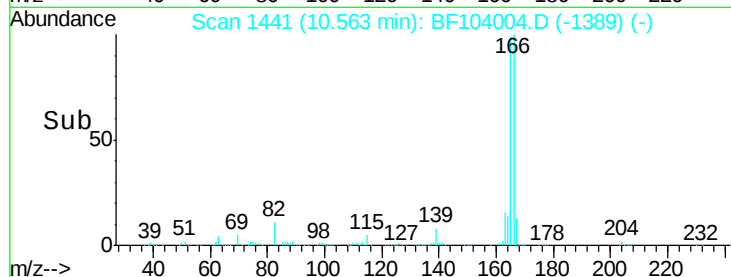
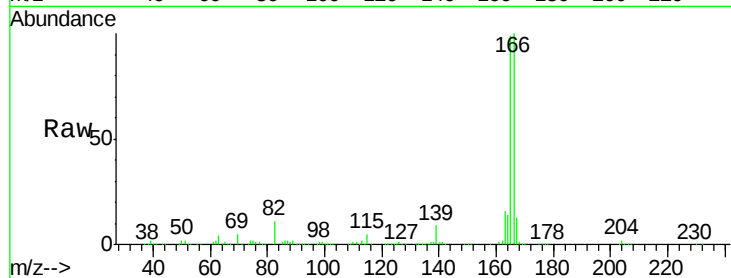
#57
 Fluorene
 Concen: 55.930 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.8	119.8
167	13.3	10.6	16.0

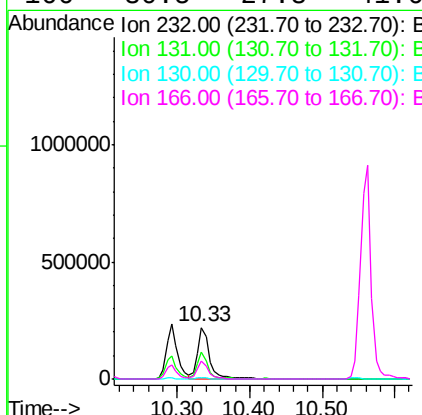
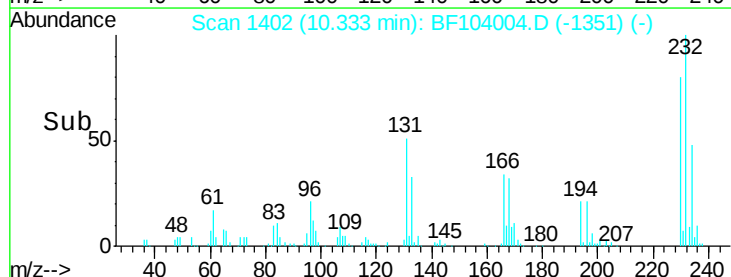
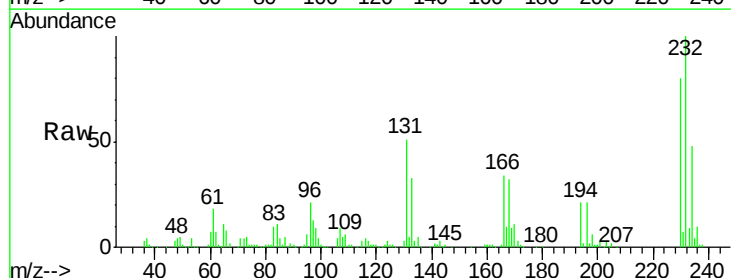
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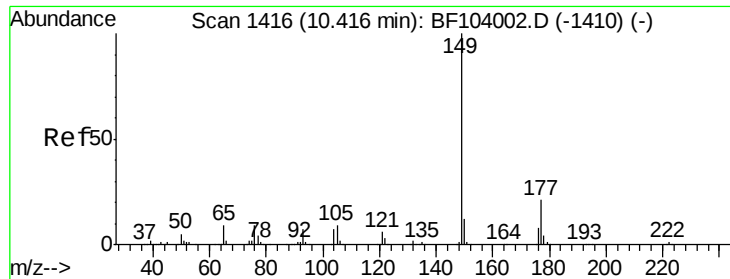
Sohil
 3/29/2018 5:36:00 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 69.354 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.9	43.8	65.8
130	2.3	2.1	3.1
166	30.5	27.8	41.6





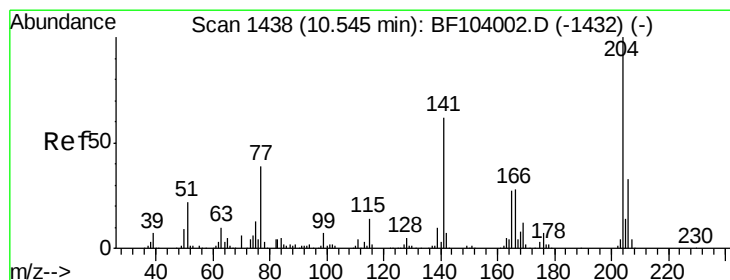
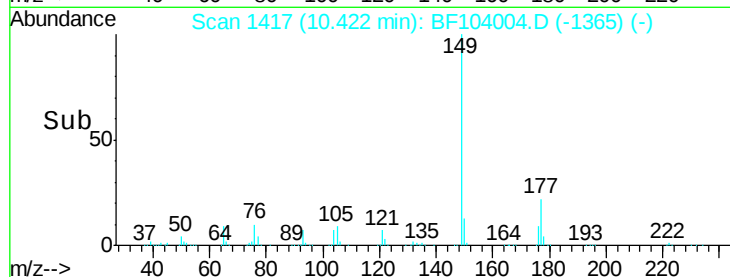
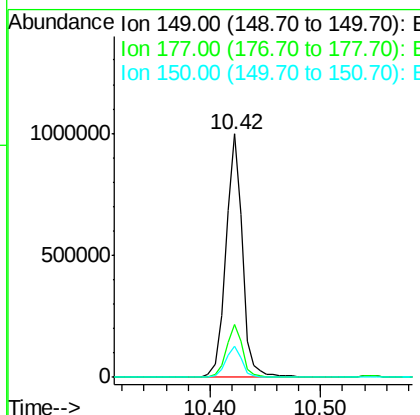
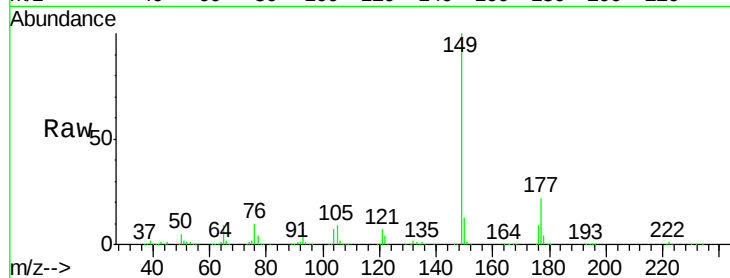
#59
Diethylphthalate
Concen: 55.202 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.1	24.1
150	12.7	10.1	15.1

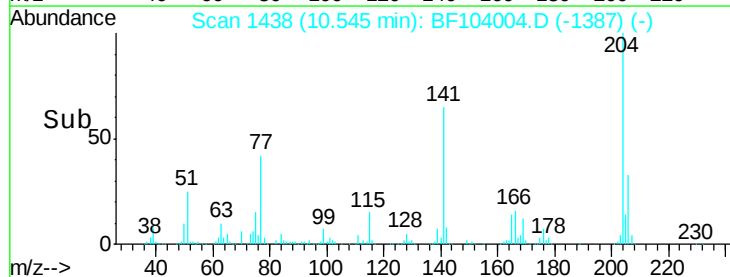
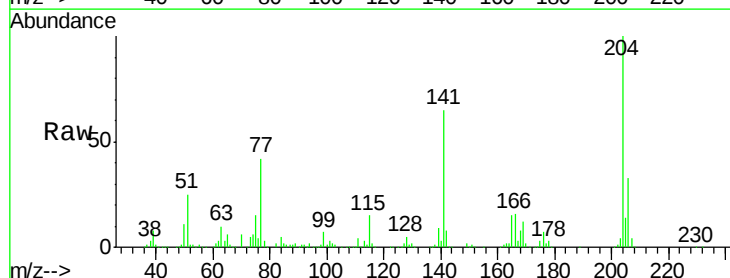
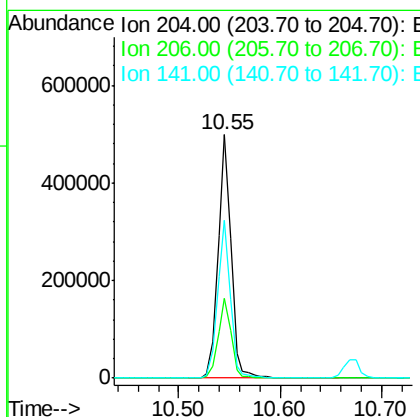
Manual Integrations
APPROVED

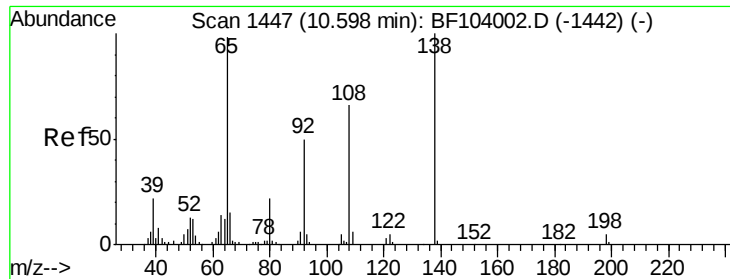
Sohil
3/29/2018 5:36:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 57.609 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	65.0	54.6	81.8





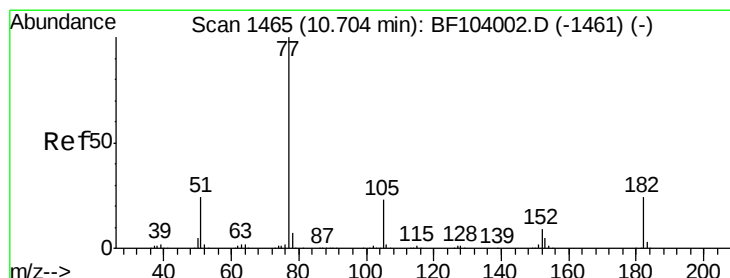
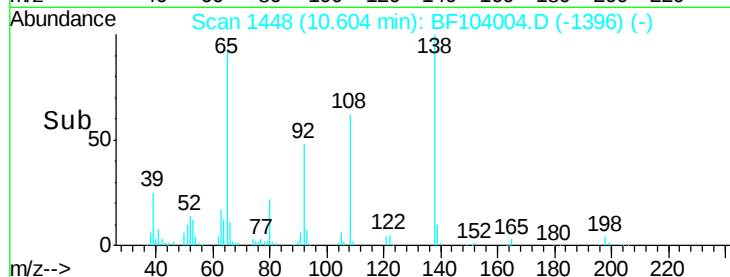
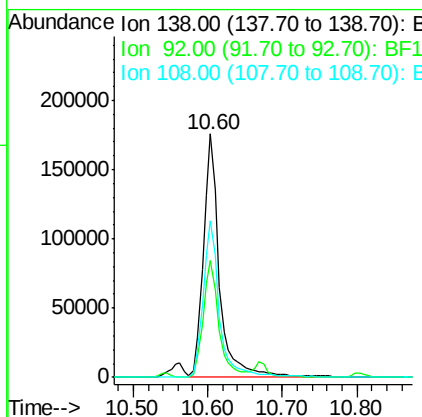
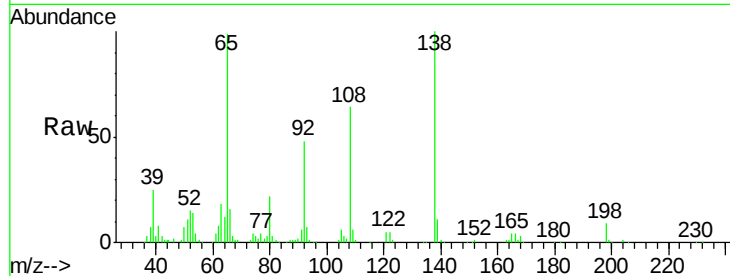
#61
4-Nitroaniline
Concen: 66.255 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.8	30.2	70.2
108	64.3	52.5	92.5

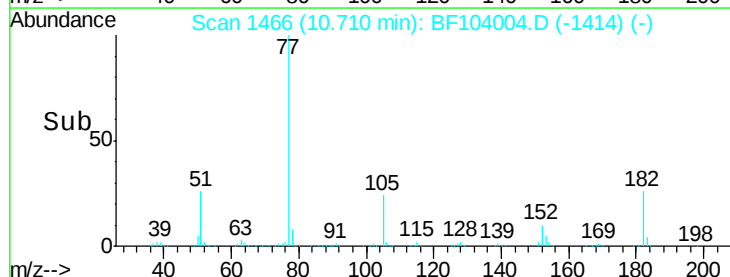
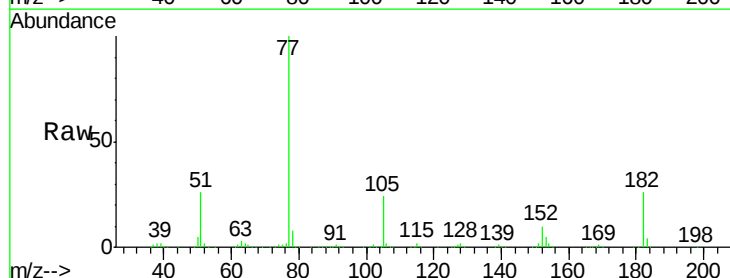
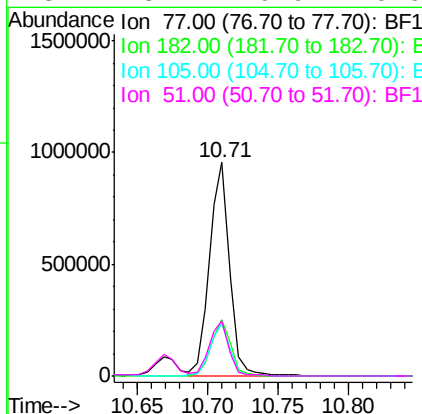
Manual Integrations
APPROVED

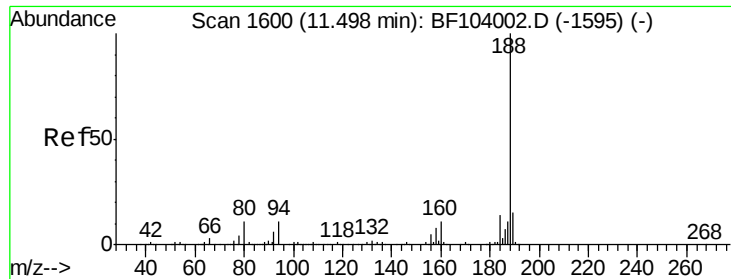
Sohil
3/29/2018 5:36:00 PM



#62
Azobenzene
Concen: 48.708 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	24.4	3.0	43.0
51	25.7	9.9	49.9





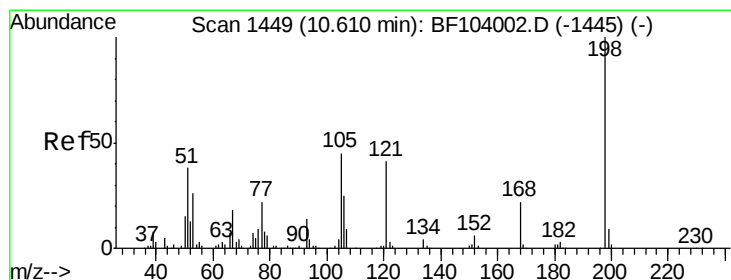
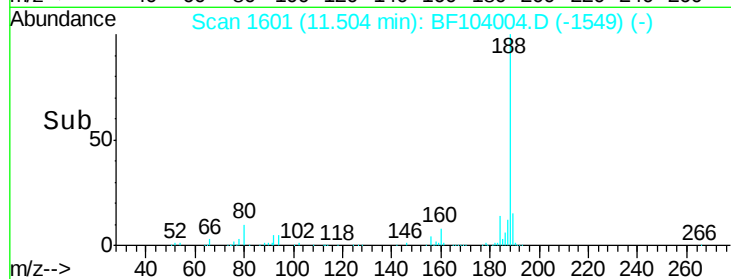
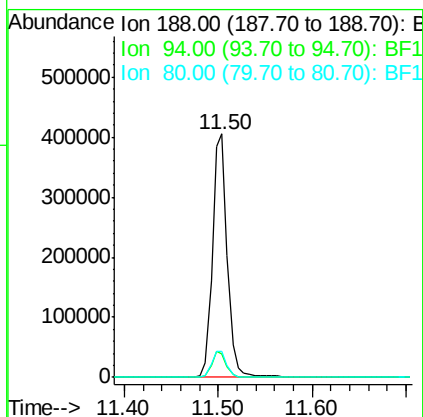
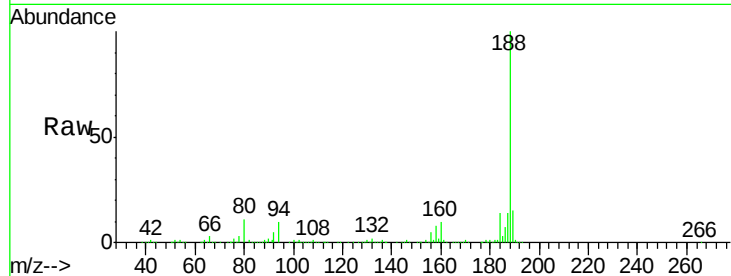
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
188	100	451230		
94	9.6		8.5	12.7
80	10.6		9.2	13.8

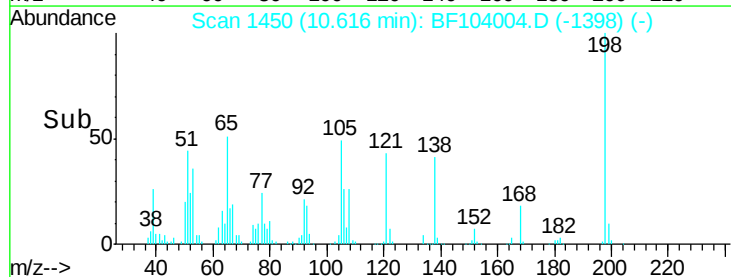
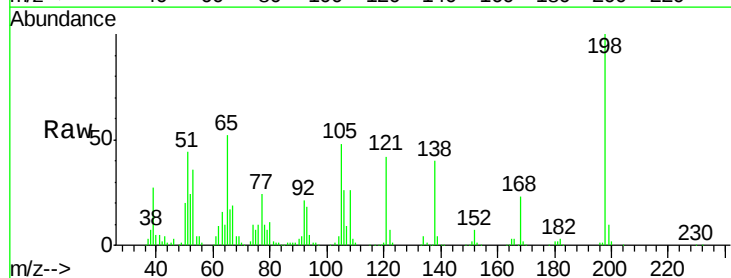
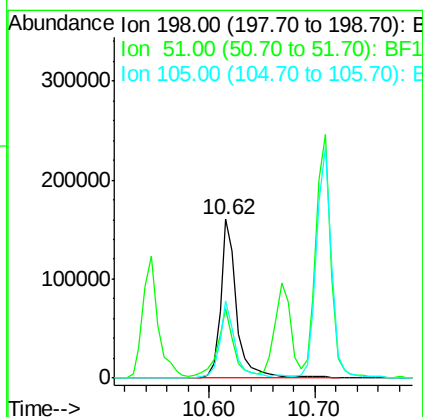
Manual Integrations
APPROVED

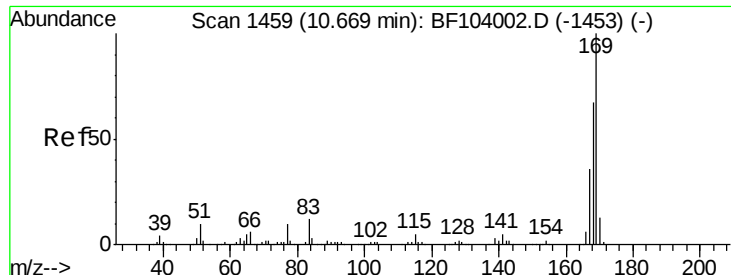
Sohil
3/29/2018 5:36:00 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 117.588 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	171809		
51	44.0		37.7	77.7
105	48.3		36.3	76.3





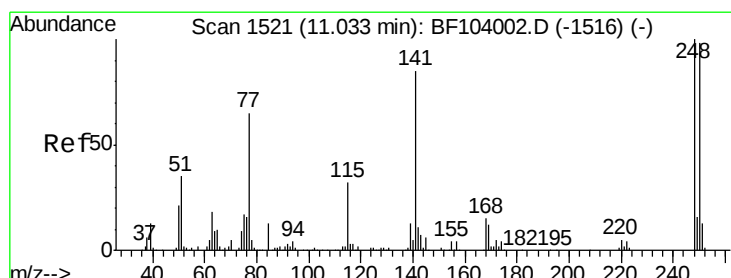
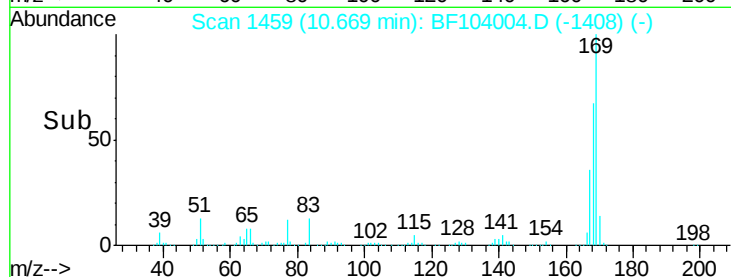
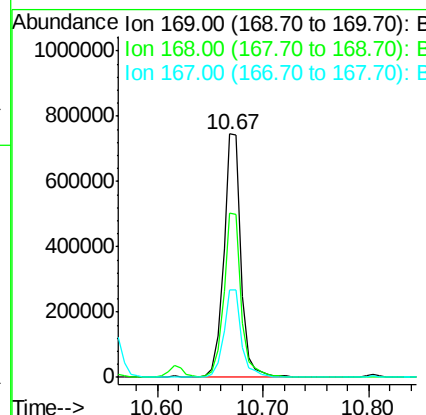
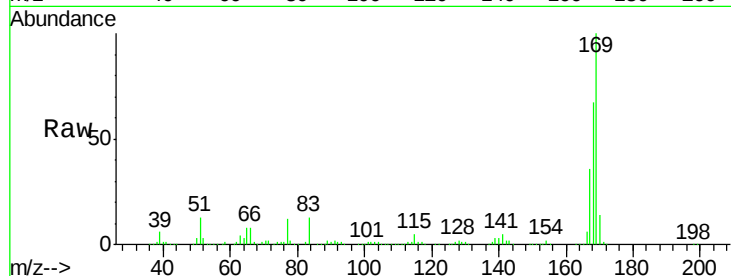
#65
n-Nitrosodiphenylamine
Concen: 55.455 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		851736		
168	67.4	54.4		81.6	
167	35.9	29.8		44.6	

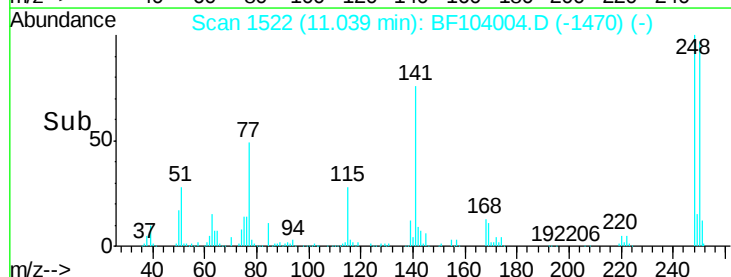
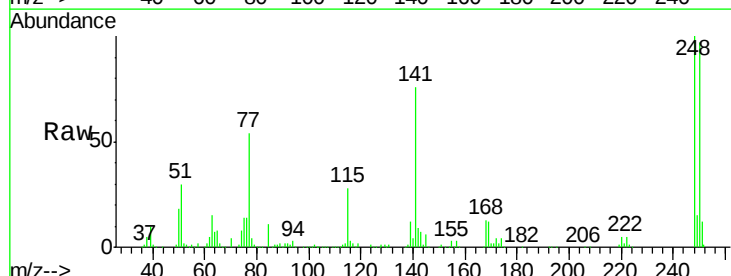
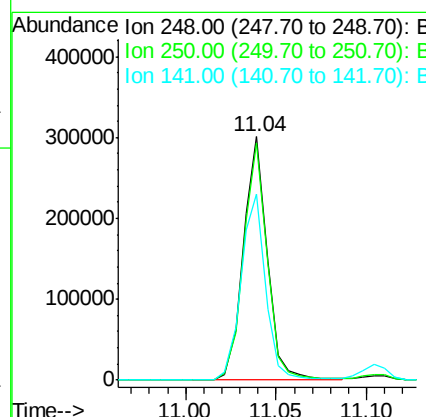
Manual Integrations
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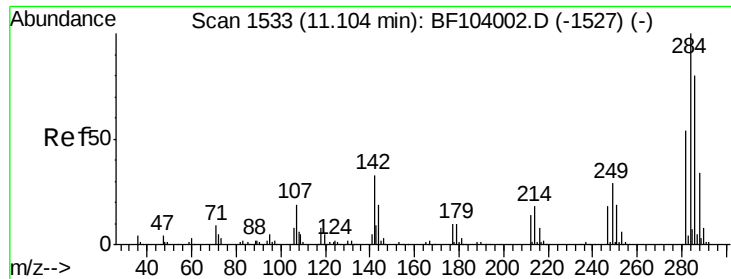
Sohil
3/29/2018 5:36:00 PM



#66
4-Bromophenyl-phenylether
Concen: 59.567 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		275970		
250	97.3	76.9		115.3	
141	76.2	74.4		111.6	





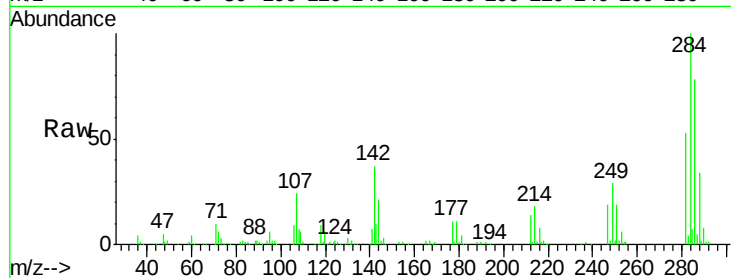
#67
Hexachlorobenzene
Concen: 60.124 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

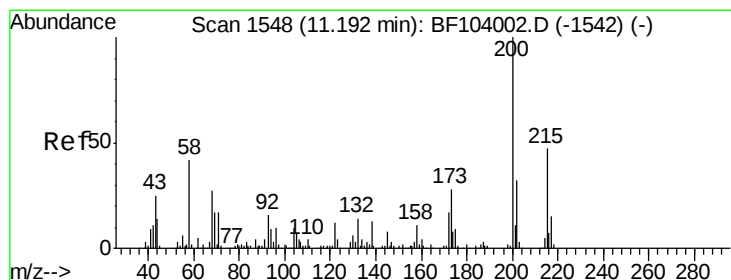
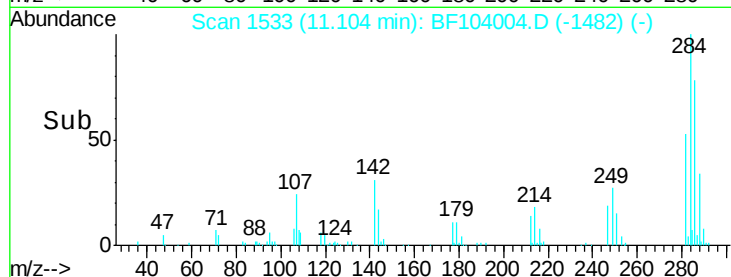
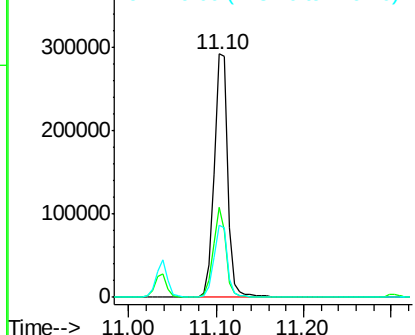
Tot Ion	Ratio	Lower	Upper
284	100		
142	37.0	34.6	52.0
249	29.5	24.8	37.2

Manual Integrations
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3/29/2018 5:36:00 PM

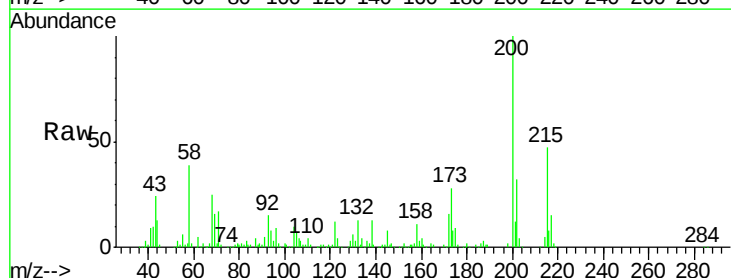


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

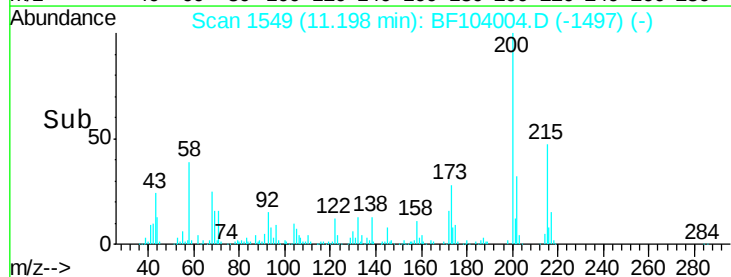
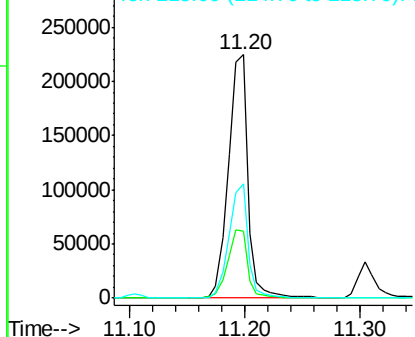


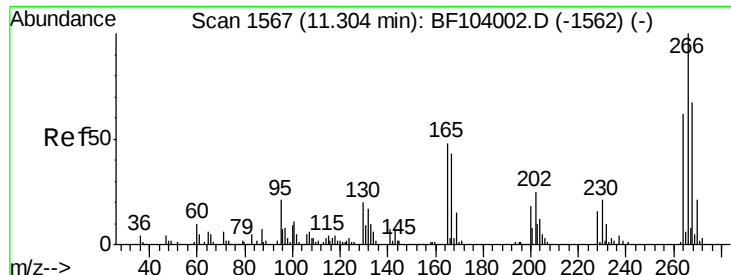
#68
Atrazine
Concen: 55.602 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.6	48.6
215	46.8	25.1	65.1



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





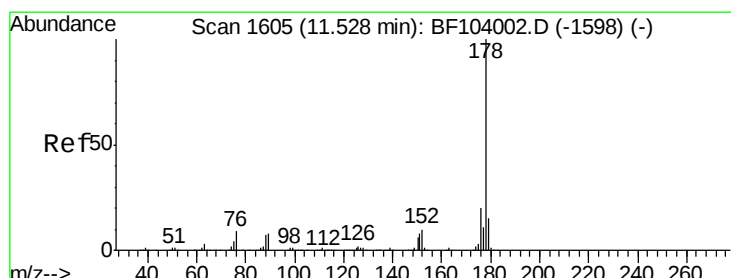
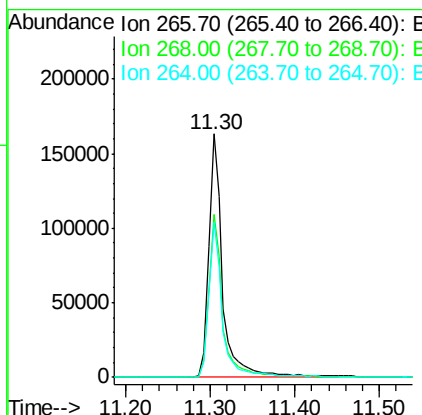
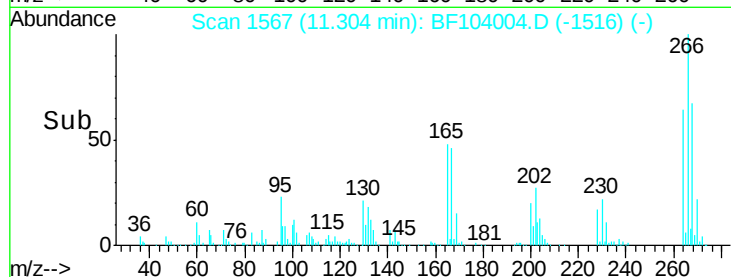
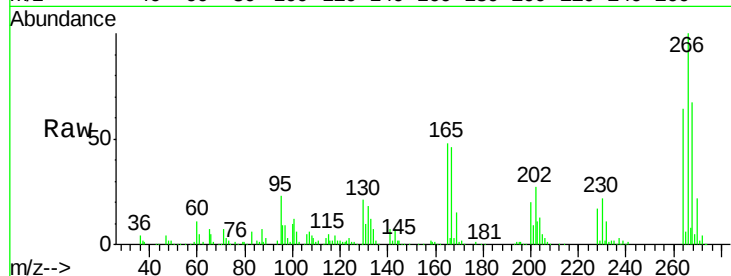
#69
 Pentachlorophenol
 Concen: 61.782 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	51.1	76.7
264	63.8	49.5	74.3

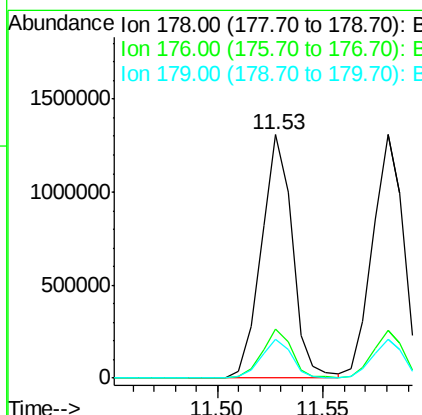
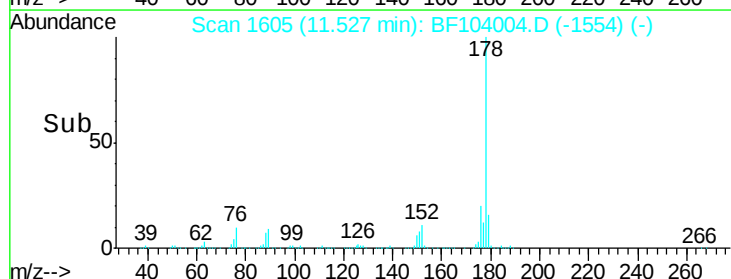
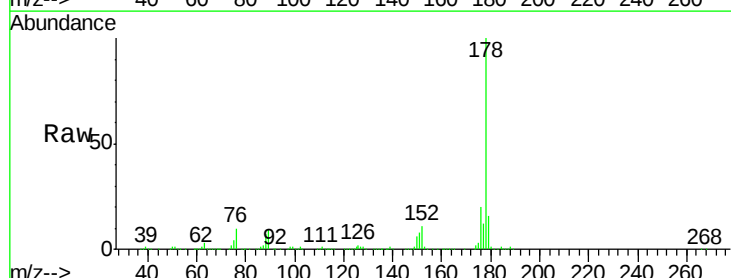
Manual Integrations
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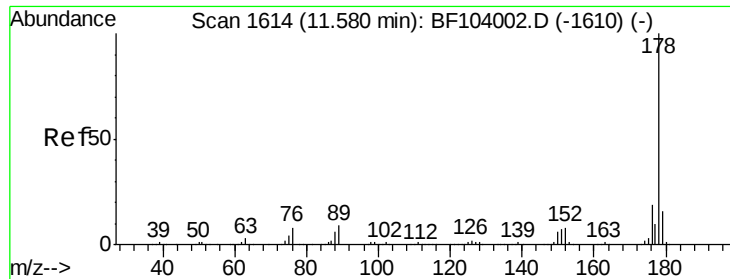
Sohil
 3/29/2018 5:36:00 PM



#70
 Phenanthrene
 Concen: 54.267 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	13.0	19.6





#71
 Anthracene
 Concen: 55.181 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

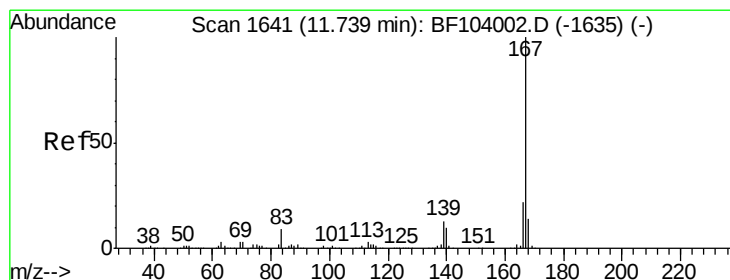
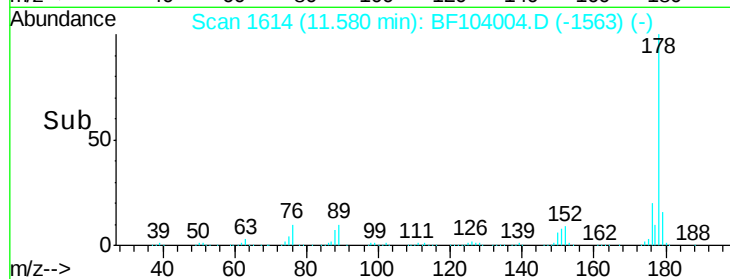
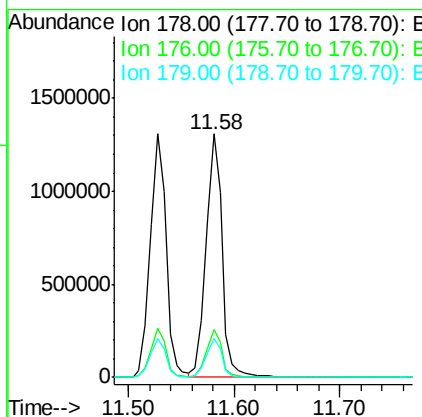
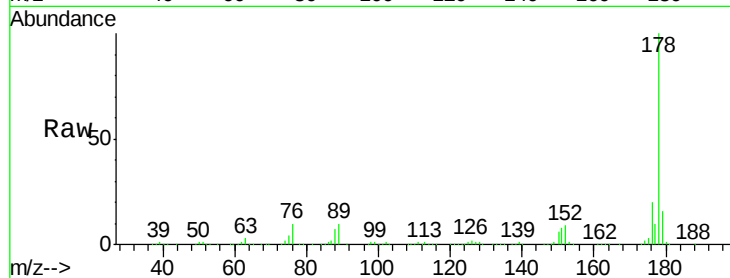
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion:178 Resp: 1383387

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.0	12.6	19.0

Manual Integrations
 APPROVED

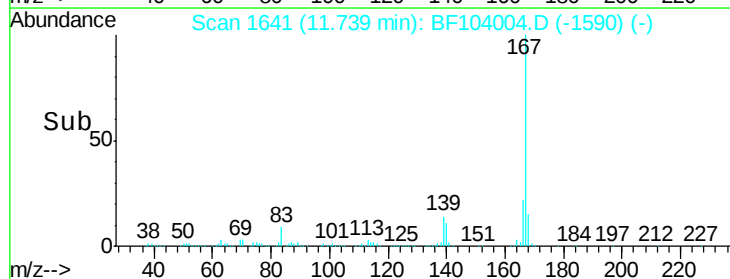
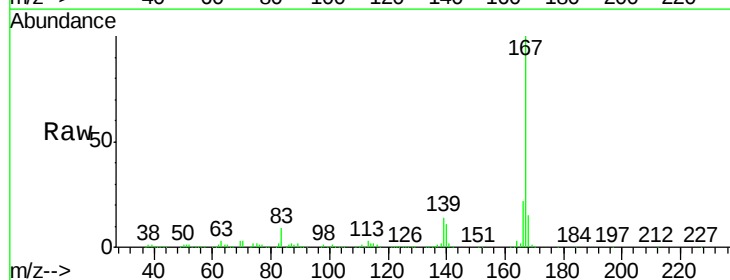
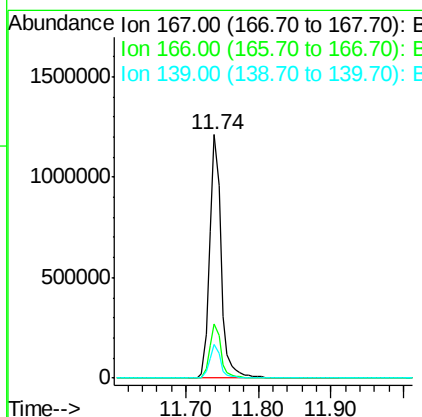
Sohil
 3/29/2018 5:36:00 PM



#72
 Carbazole
 Concen: 54.944 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion:167 Resp: 1338805

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 54.758 ng

RT: 12.05 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:149 Resp: 1600983

Ion Ratio Lower Upper

149 100

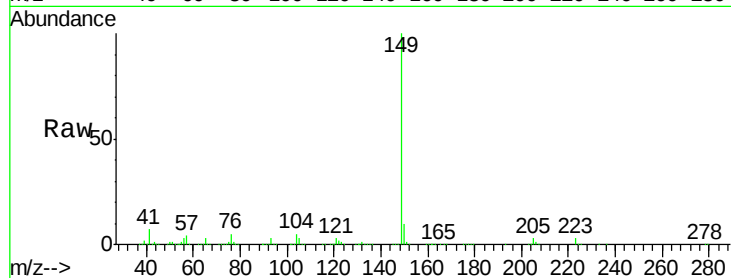
150 9.7 7.8 11.6

104 5.0 3.8 5.8

Manual Integrations
APPROVED

Sohil

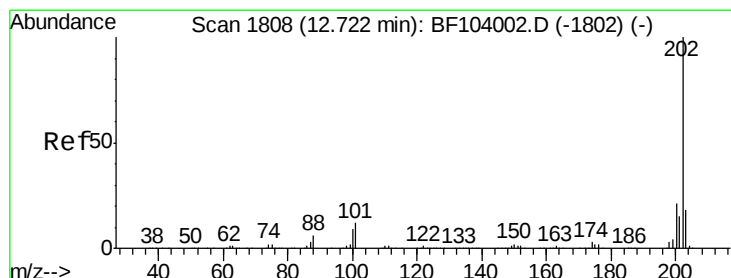
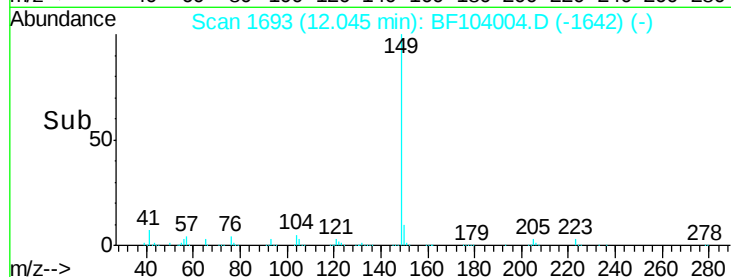
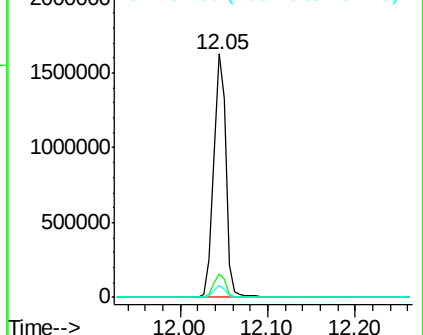
3/29/2018 5:36:00 PM



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: 55.157 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

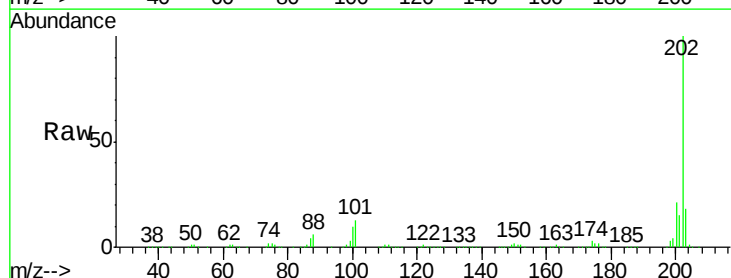
Tgt Ion:202 Resp: 1402625

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

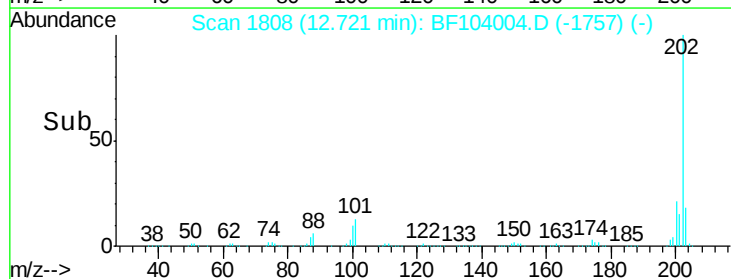
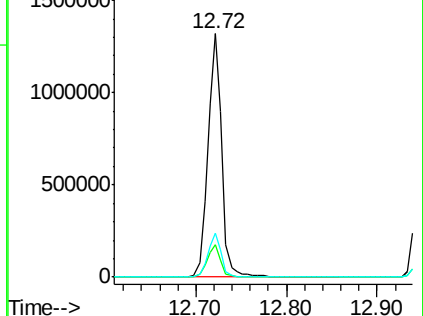
203 17.8 0.0 38.1

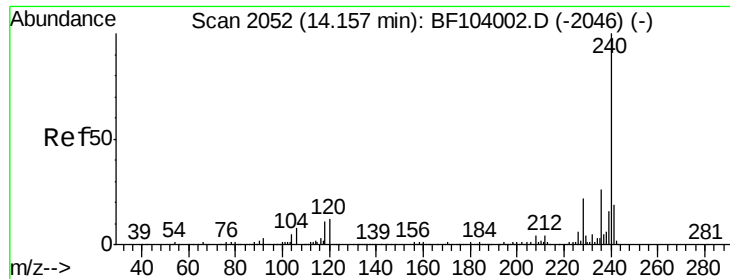


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

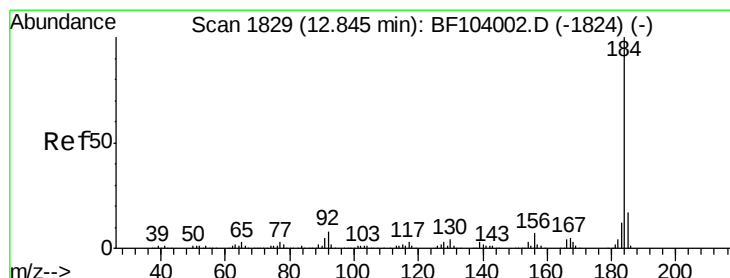
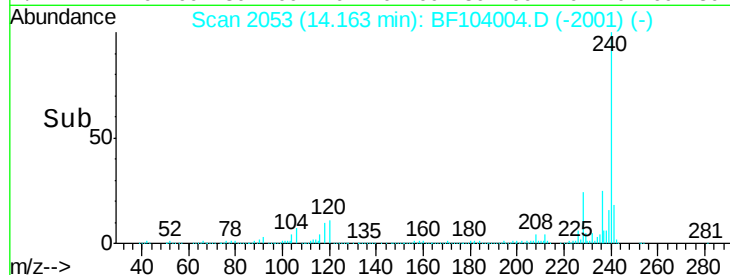
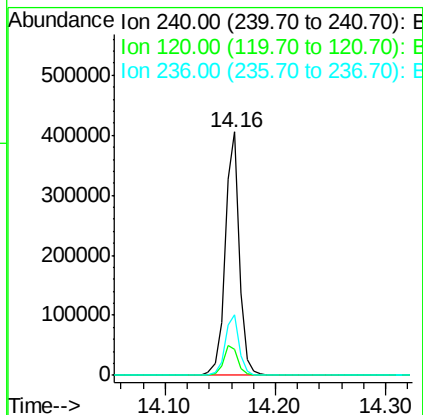
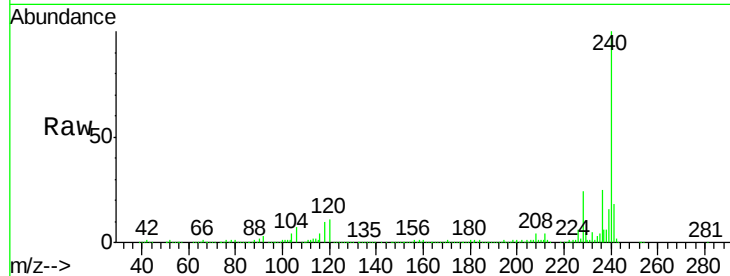
ClientSampleId :

SSTDICC060

Tot Ion:	240	Resp:	361991
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.5	14.3
236	24.8	20.7	31.1

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#76

Benzidine

Concen: 37.241 ng

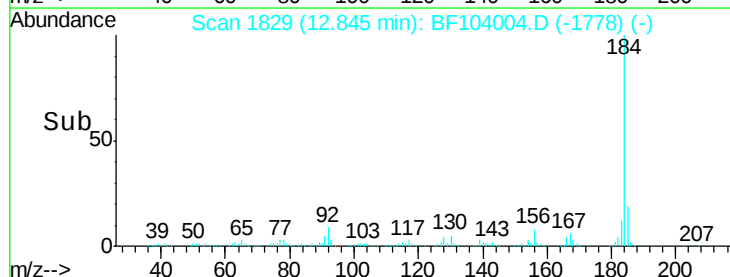
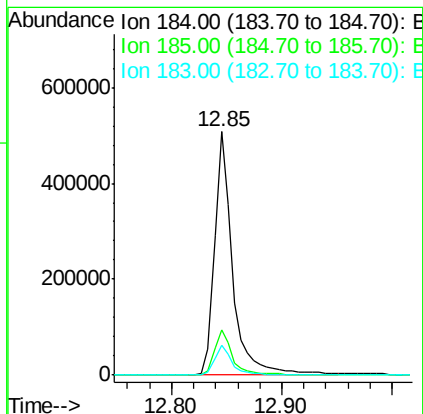
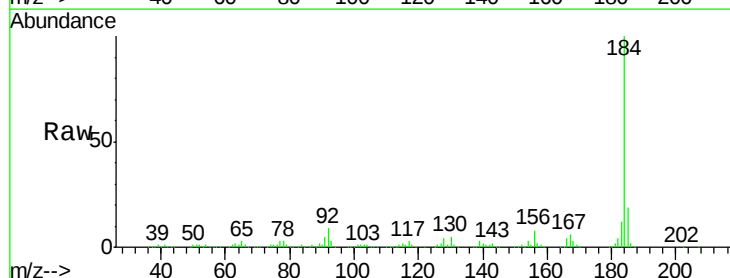
RT: 12.85 min Scan# 1829

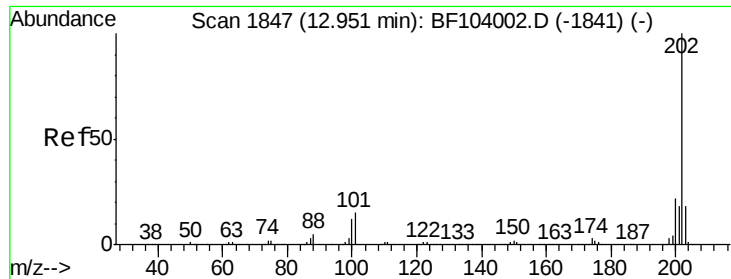
Delta R.T. -0.00 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Tgt Ion:	184	Resp:	574961
Ion Ratio	Lower	Upper	
184	100		
185	18.8	12.6	18.8
183	12.0	9.3	13.9





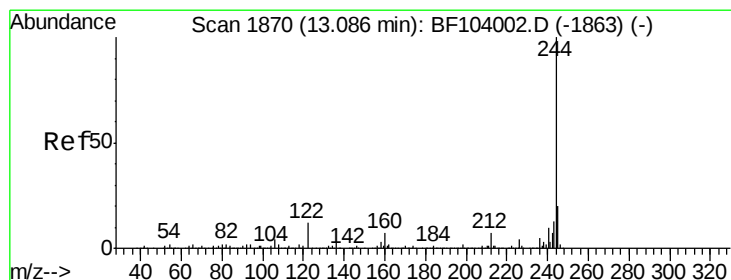
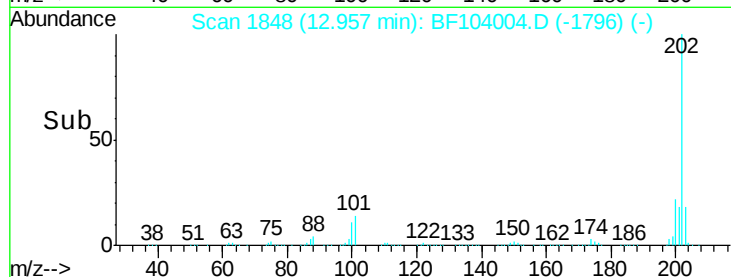
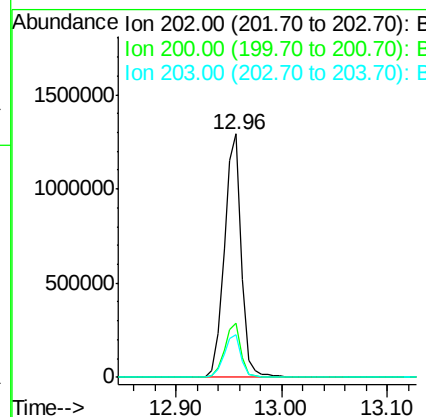
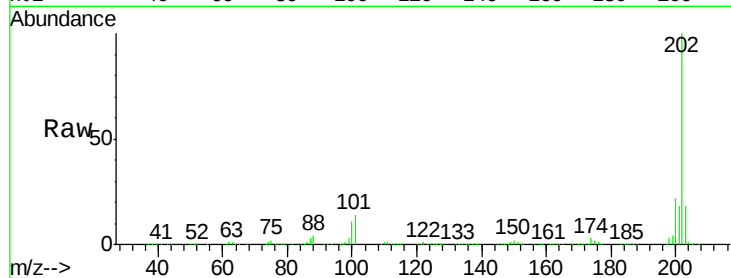
#77
Pvrene
Concen: 54.514 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.7	14.3	21.5

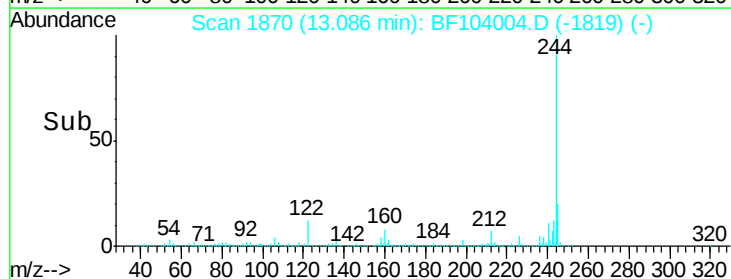
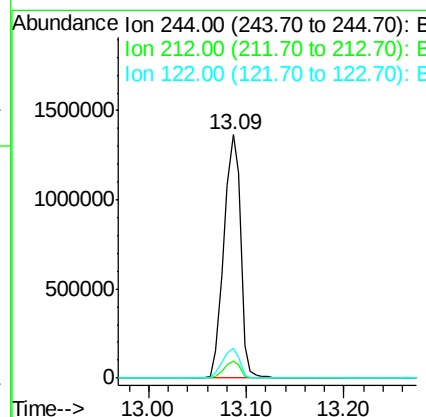
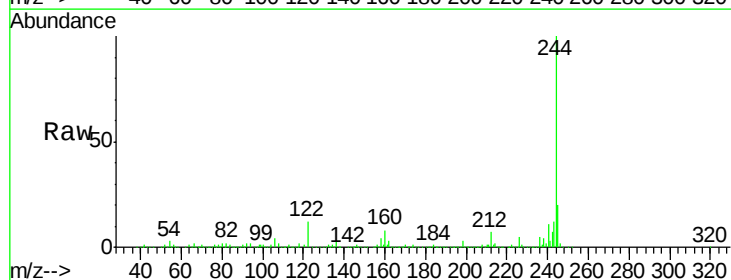
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#78
Terphenyl-d14
Concen: 104.774 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.4	11.0	16.4





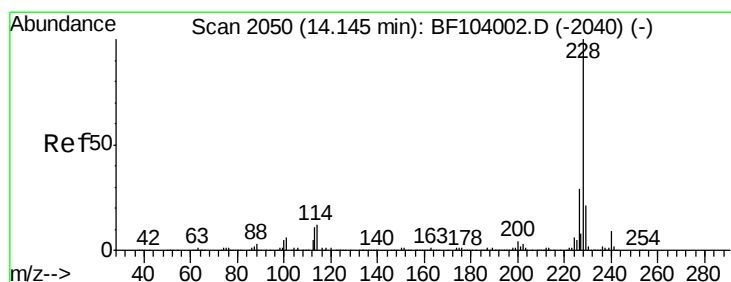
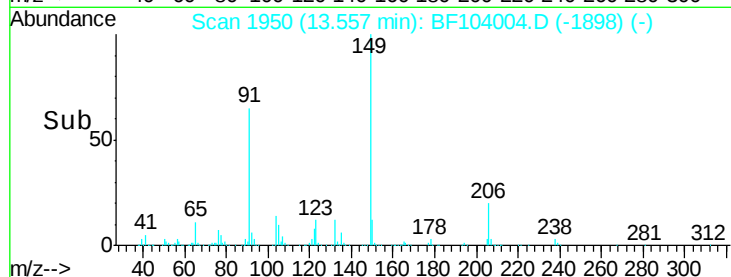
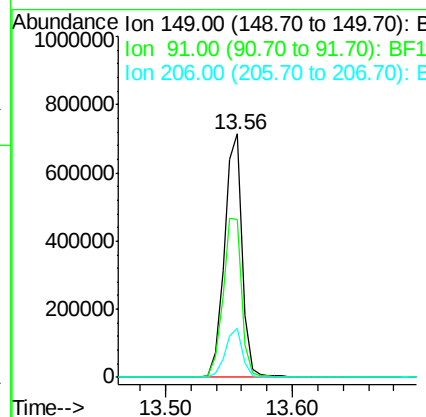
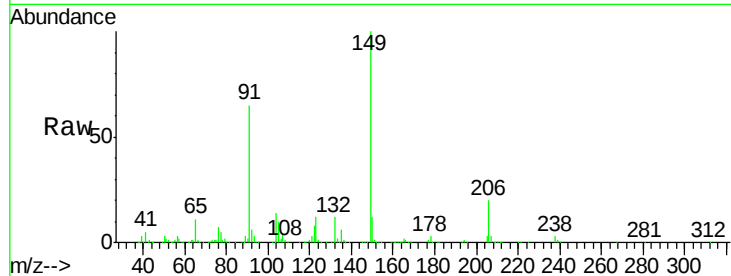
#79
Butylbenzylphthalate
Concen: 59.689 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.9	56.8	85.2
206	20.3	14.1	21.1

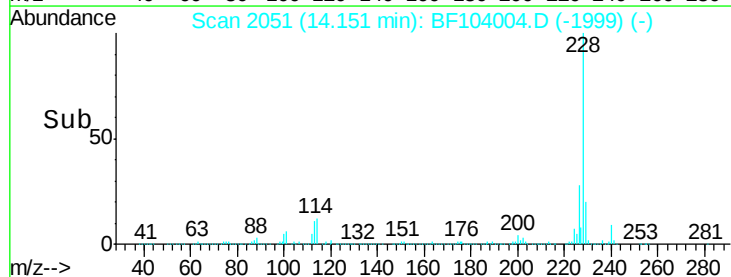
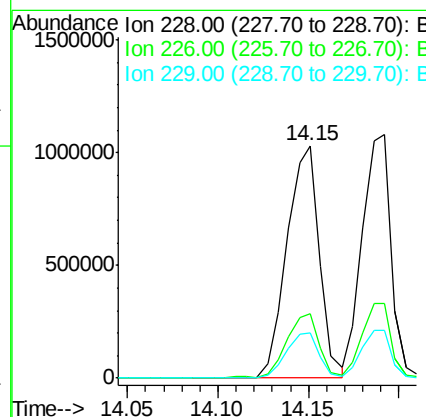
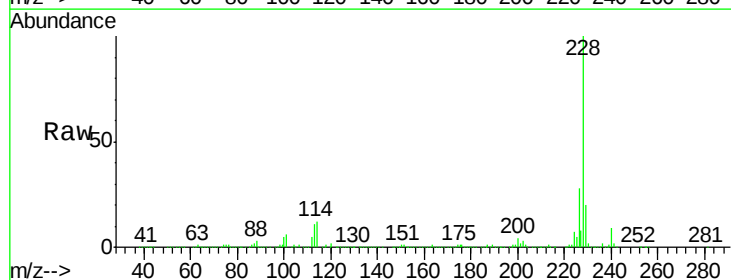
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#80
Benzo(a)anthracene
Concen: 56.295 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.7	15.8	23.6





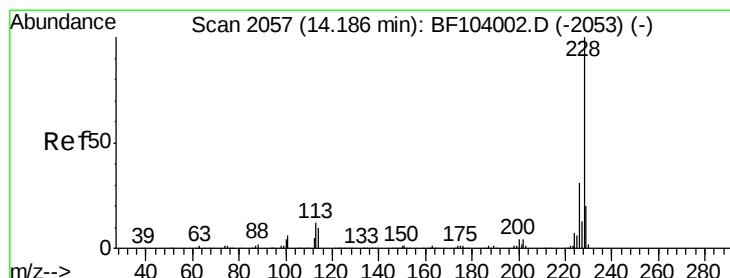
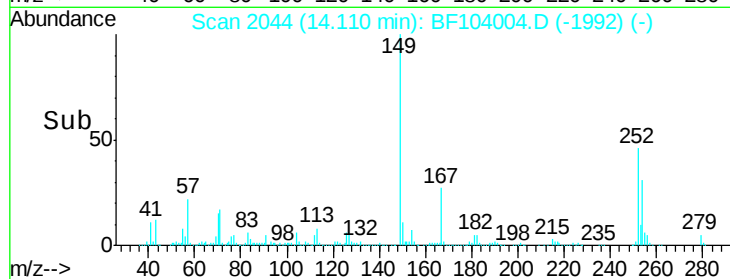
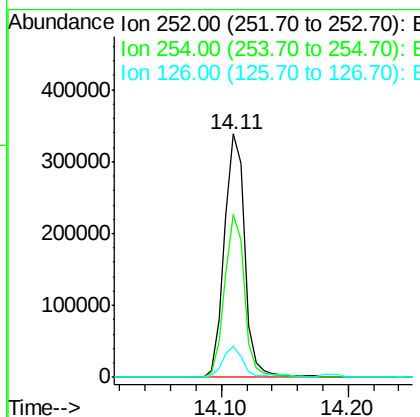
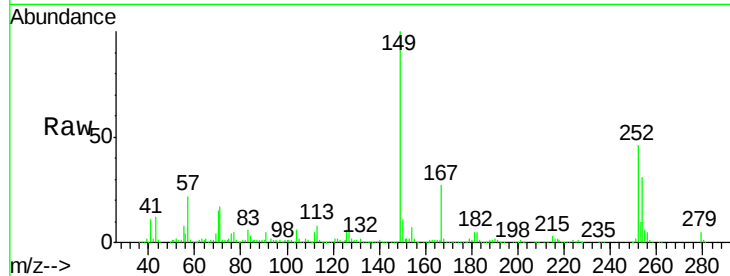
#81
 3,3'-Dichlorobenzidine
 Concen: 49.472 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	50.4	75.6
126	12.6	11.3	16.9

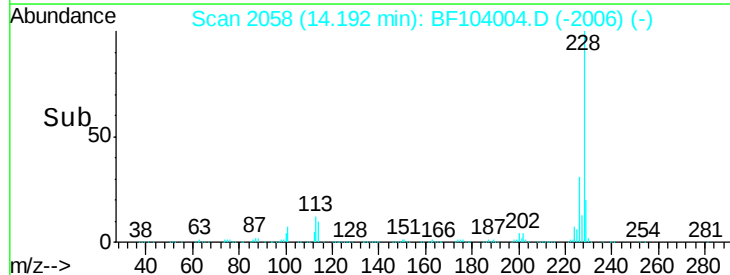
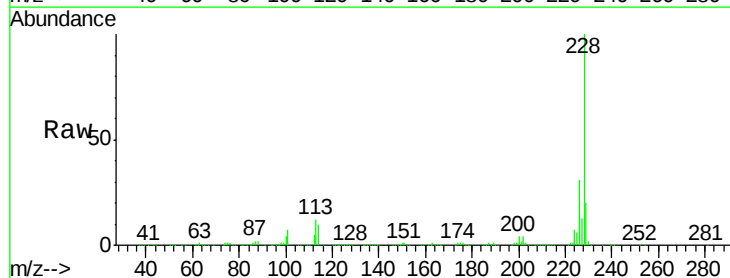
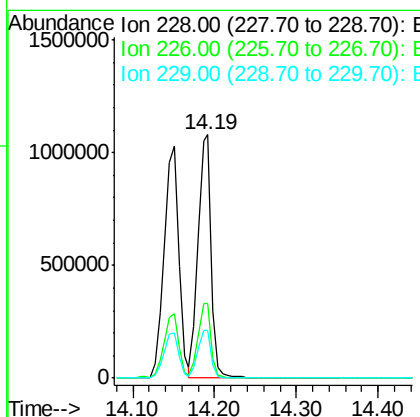
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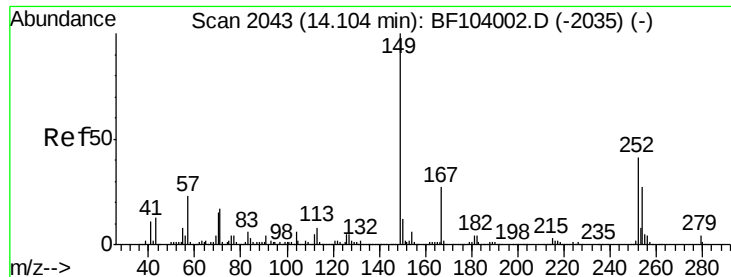
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#82
 Chrysene
 Concen: 55.622 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.218 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Instrument :

BNA_F

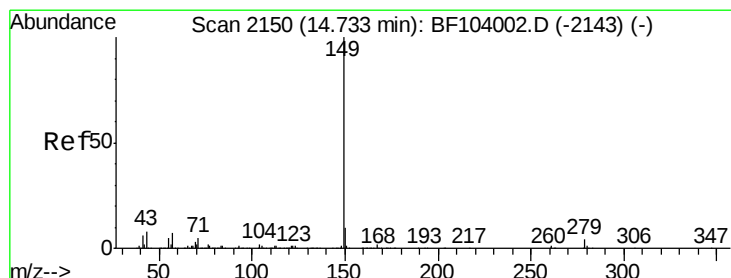
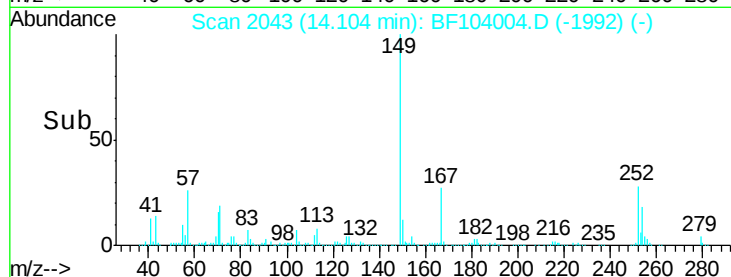
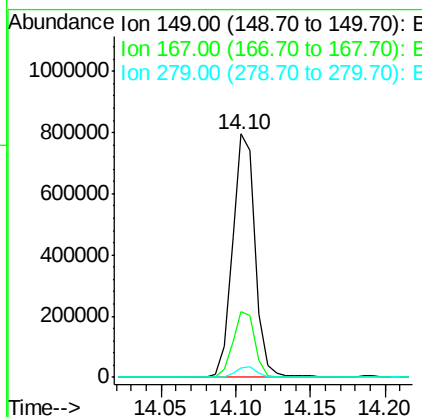
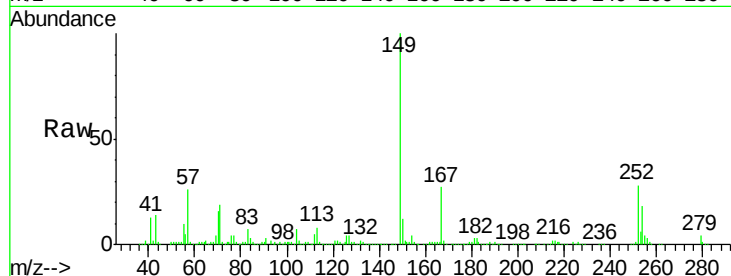
ClientSampleId :

SSTDICC060

Tot Ion:	149	Resp:	844973
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.3	31.9
279	3.6	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 63.417 ng

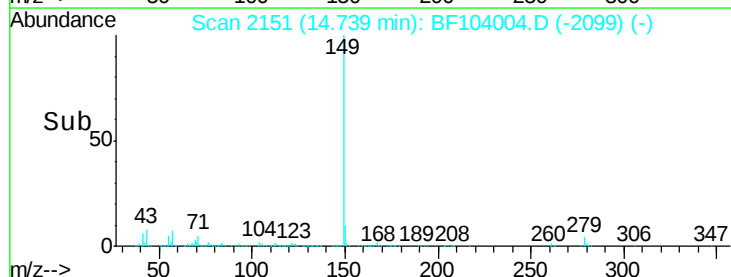
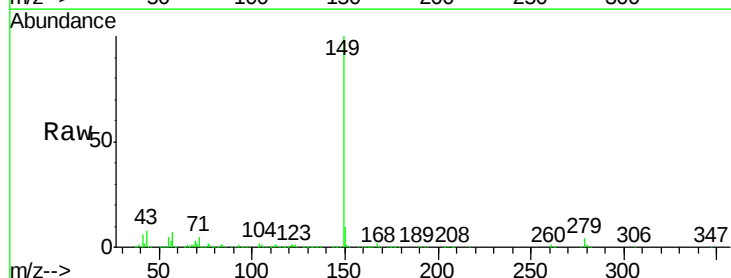
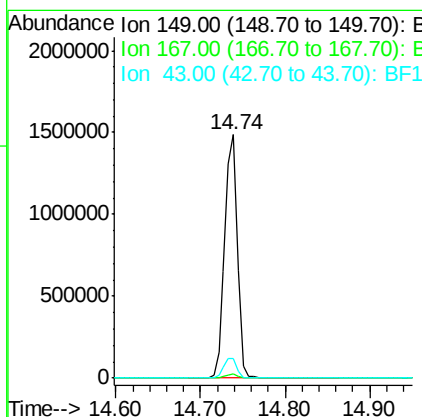
RT: 14.74 min Scan# 2151

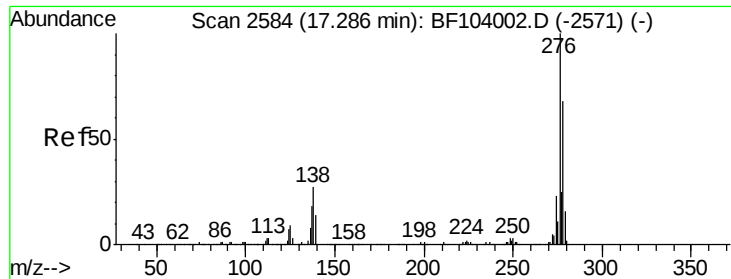
Delta R.T. 0.01 min

Lab File: BF104004.D

Acq: 28 Mar 2018 12:20

Tgt Ion:	149	Resp:	1552406
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#





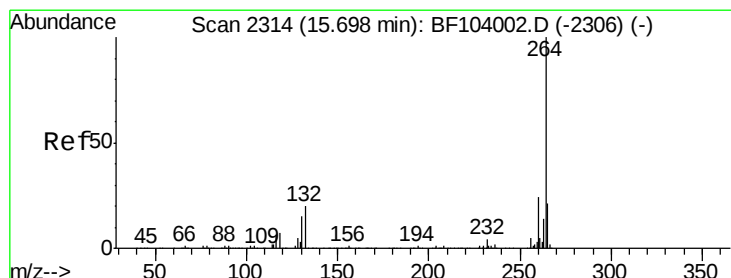
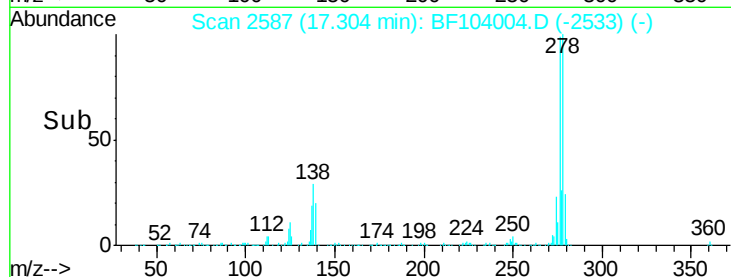
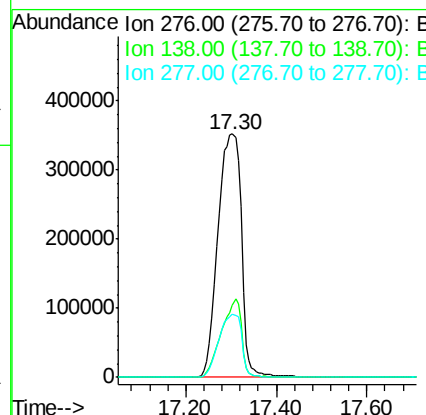
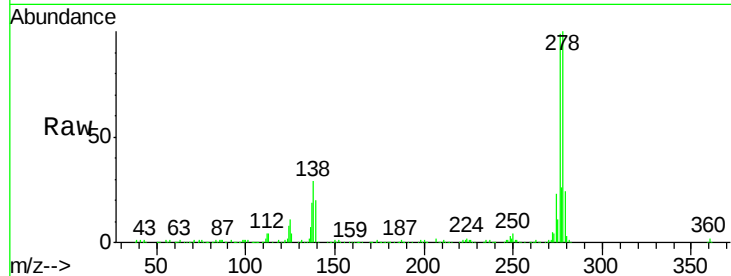
#85
Indeno(1,2,3-cd)pyrene
Concen: 66.261 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.02 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	25.3	20.1	30.1

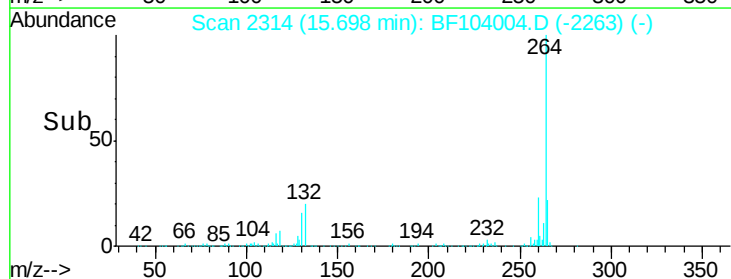
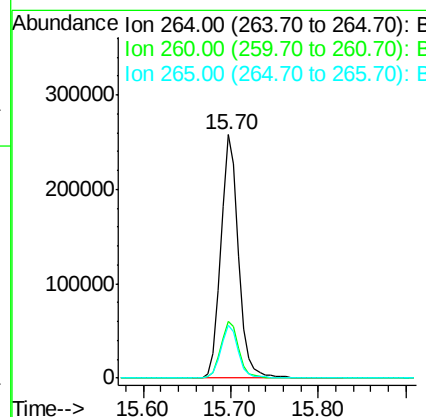
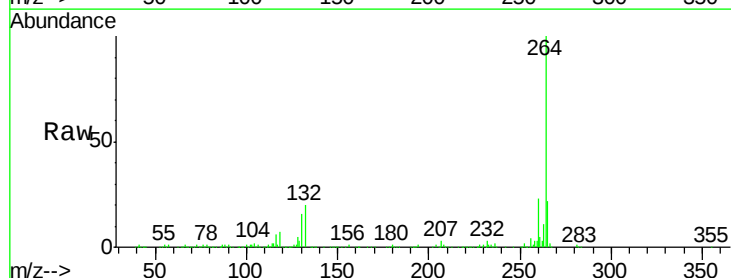
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	17.5	26.3





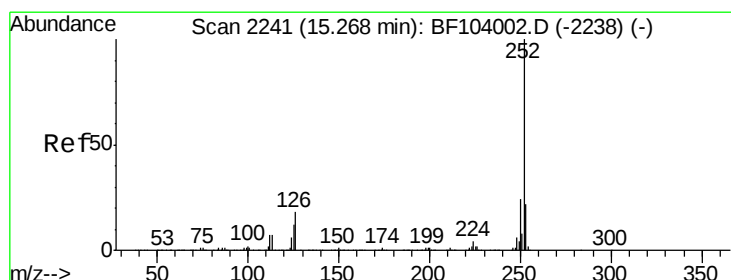
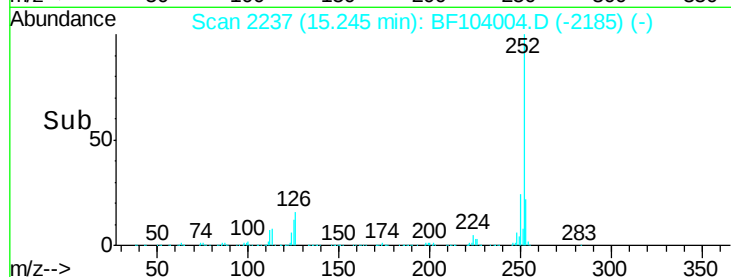
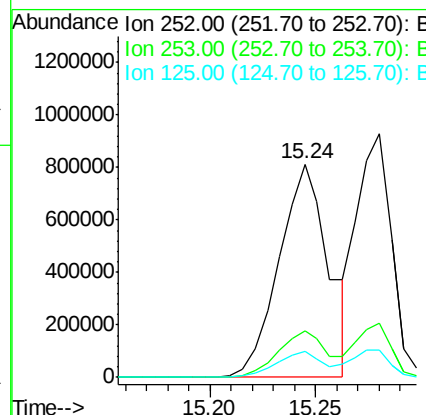
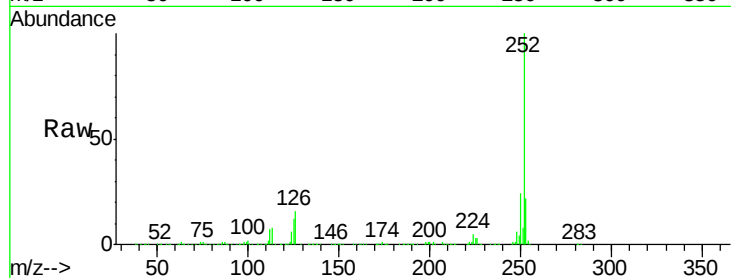
#87
Benzo(b)fluoranthene
Concen: 57.911 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.0	9.0	13.6

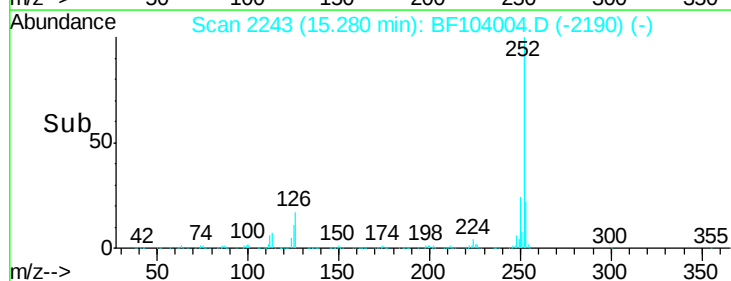
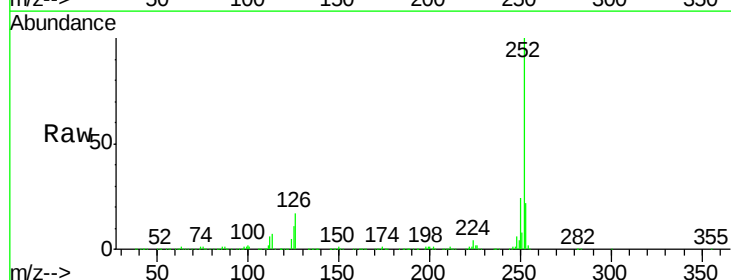
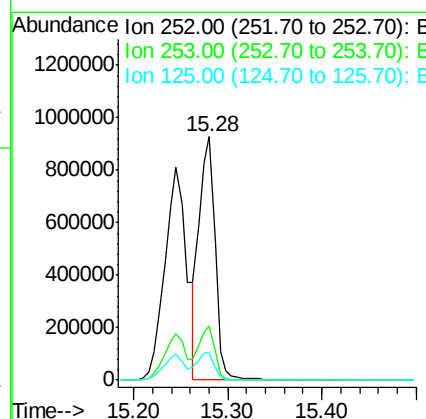
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#88
Benzo(k)fluoranthene
Concen: 49.426 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.4	10.2	15.2





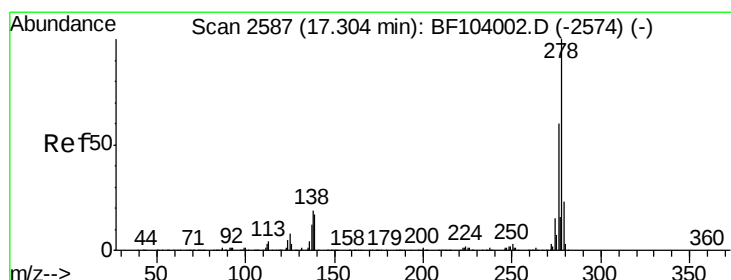
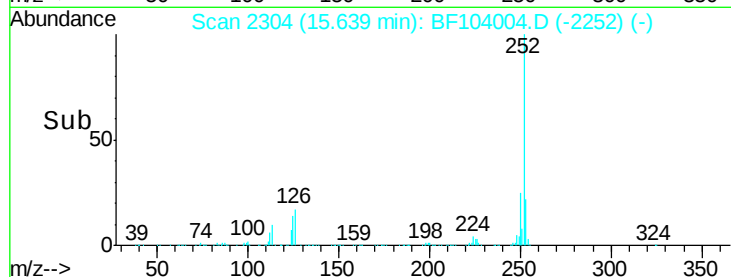
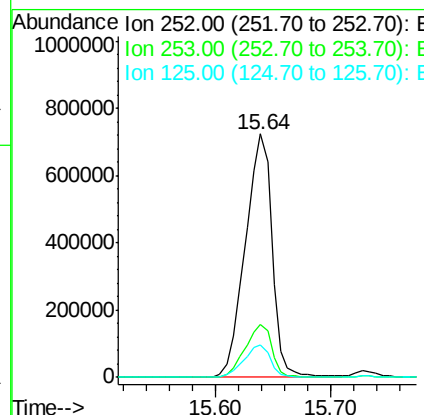
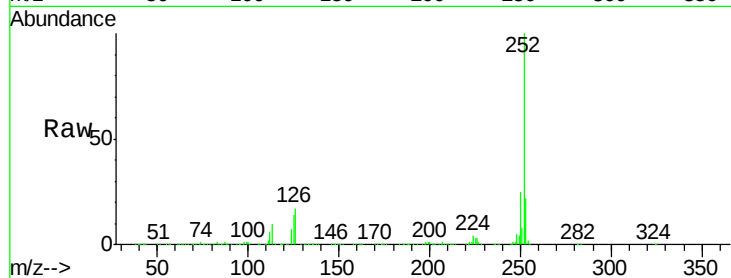
#89
Benzo(a)pyrene
Concen: 56.092 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.6	9.8	14.6

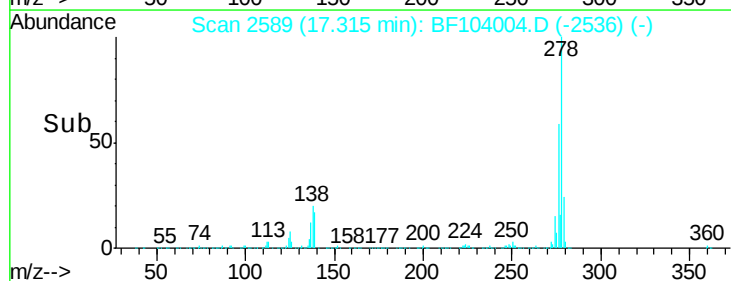
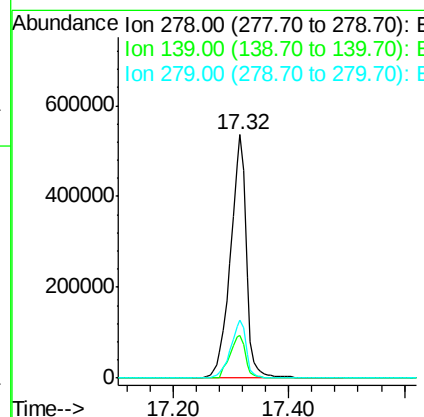
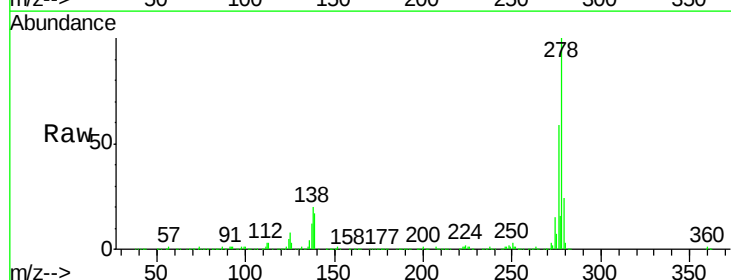
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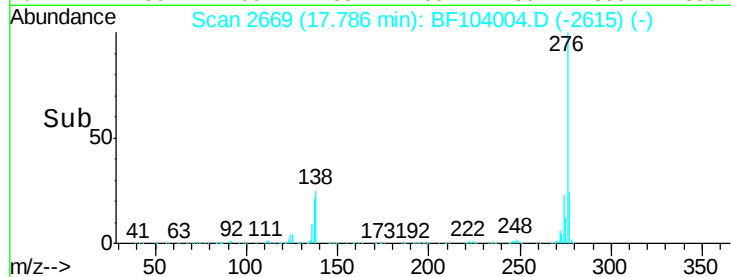
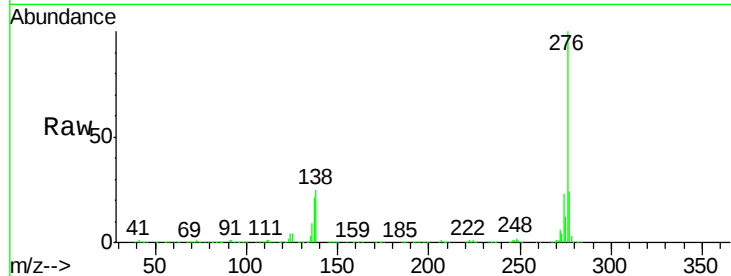
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#90
Dibenzo(a,h)anthracene
Concen: 57.061 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.01 min
Lab File: BF104004.D
Acq: 28 Mar 2018 12:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 59.438 ng
 RT: 17.79 min Scan# 2669
 Delta R.T. 0.02 min
 Lab File: BF104004.D
 Acq: 28 Mar 2018 12:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.7	21.8	32.8

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