

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104304.D
 Acq On : 6 Apr 2018 14:13
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 4/9/2018 11:18:18 AM

Quant Time: Apr 06 16:50:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 13:46:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	134096	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	550245	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	253801	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	466029	20.00	ng	0.00
75) Chrysene-d12	13.98	240	332264	20.00	ng	0.00
86) Perylene-d12	15.43	264	279973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1259930	149.84	ng	0.00
7) Phenol-d6	6.44	99	1538308	148.70	ng	0.01
23) Nitrobenzene-d5	7.38	82	1358479	150.98	ng	0.01
41) 2,4,6-Tribromophenol	10.64	330	386330	136.70	ng	0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	12.93	244	2011365	139.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	318645	87.864	ng	91
3) Pyridine	3.26	79	889816	96.920	ng	90
4) n-Nitrosodimethylamine	3.24	42	314014	115.069	ng	86
6) Aniline	6.48	93	1113517	89.913	ng	100
8) 2-Chlorophenol	6.59	128	656939	71.222	ng	98
9) Benzaldehyde	6.36	77	304795	55.512	ng	99
10) Phenol	6.46	94	888675	77.530	ng	88
11) bis(2-Chloroethyl)ether	6.55	93	665745	67.401	ng	98
12) 1,3-Dichlorobenzene	6.75	146	751914	72.520	ng	100
13) 1,4-Dichlorobenzene	6.83	146	744886	67.048	ng	99
14) 1,2-Dichlorobenzene	6.98	146	666132	66.709	ng	98
15) Benzyl Alcohol	6.96	79	567021	84.300	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	897419	83.396	ng	93
17) 2-Methylphenol	7.06	107	598874	79.773	ng	98
18) Hexachloroethane	7.32	117	273782	73.603	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	509513	82.991	ng	93
20) 3+4-Methylphenols	7.22	107	659721	68.857	ng	# 73
22) Acetophenone	7.23	105	911559	68.471	ng	# 98
24) Nitrobenzene	7.40	77	728408	76.943	ng	100
25) Isophorone	7.64	82	1349873	81.408	ng	98
26) 2-Nitrophenol	7.71	139	336726	68.141	ng	96
27) 2,4-Dimethylphenol	7.75	122	590584	82.868	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	793386	76.343	ng	99
29) 2,4-Dichlorophenol	7.95	162	548930	73.742	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	580333	68.710	ng	99
31) Naphthalene	8.12	128	1899901	70.677	ng	99
32) Benzoic acid	7.91	122	576050	110.336	ng	99
33) 4-Chloroaniline	8.16	127	836006	73.768	ng	99
34) Hexachlorobutadiene	8.23	225	319412	69.496	ng	98
35) Caprolactam	8.57	113	196239	83.140	ng	86
36) 4-Chloro-3-methylphenol	8.65	107	598833	76.056	ng	99
37) 2-Methylnaphthalene	8.80	142	1209407	68.301	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	507951	65.265	ng	99
40) Hexachlorocyclopentadiene	8.96	237	323412	100.869	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	374036	75.896	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	420953	70.743	nq	97
45) 1,1'-Biphenyl	9.27	154	1425664	65.448	nq	99
46) 2-Chloronaphthalene	9.30	162	1172843	68.257	nq	99
47) 2-Nitroaniline	9.39	65	374010	76.335	nq	95
48) Acenaphthylene	9.72	152	1790013	68.764	nq	99
49) Dimethylphthalate	9.58	163	1447872	72.255	nq	99
50) 2,6-Dinitrotoluene	9.64	165	316090	73.320	nq	97
51) Acenaphthene	9.89	154	1129726	75.021	nq	100
52) 3-Nitroaniline	9.81	138	370036	74.668	nq	95
53) 2,4-Dinitrophenol	9.90	184	121359	74.441	nq #	21
54) Dibenzofuran	10.06	168	1523914	69.299	nq	96
55) 4-Nitrophenol	9.96	139	295010	99.281	nq	92
56) 2,4-Dinitrotoluene	10.04	165	404675	73.563	nq	94
57) Fluorene	10.40	166	1109958	61.190	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	304765	68.361	nq	98
59) Diethylphthalate	10.28	149	1396939	72.770	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	491267	58.966	nq	99
61) 4-Nitroaniline	10.43	138	361080	77.868	nq	99
62) Azobenzene	10.55	77	1345274	77.501	nq	98
64) 4,6-Dinitro-2-methylphenol	10.45	198	195709	69.376	nq	88
65) n-Nitrosodiphenylamine	10.52	169	1107781	70.189	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	349321	70.063	nq	96
67) Hexachlorobenzene	10.95	284	395525	68.964	nq #	87
68) Atrazine	11.04	200	310025	64.118	nq	99
69) Pentachlorophenol	11.13	266	259181	82.124	nq	97
70) Phenanthrene	11.36	178	1724065	68.330	nq	99
71) Anthracene	11.42	178	1740438	66.038	nq	99
72) Carbazole	11.57	167	1727645	68.683	nq	98
73) Di-n-butylphthalate	11.90	149	2098673	70.044	nq	99
74) Fluoranthene	12.55	202	1774972	66.182	nq	98
76) Benzidine	12.67	184	698954m	73.817	nq	
77) Pyrene	12.78	202	1836550	76.891	nq	99
79) Butylbenzylphthalate	13.40	149	899870	79.968	nq	93
80) Benzo(a)anthracene	13.97	228	1388099	66.767	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	504794	73.353	nq	97
82) Chrysene	14.01	228	1466296	72.007	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	1044342	71.828	nq	99
84) Di-n-octyl phthalate	14.58	149	1836037	73.411	nq	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	1196541	56.704	nq	98
87) Benzo(b)fluoranthene	15.02	252	1393880	81.806	nq	98
88) Benzo(k)fluoranthene	15.04	252	1231531	76.727	nq	100
89) Benzo(a)pyrene	15.37	252	1194801	75.669	nq	98
90) Dibenzo(a,h)anthracene	16.90	278	974609	66.760	nq	98
91) Benzo(g,h,i)perylene	17.32	276	992932	67.905	nq	97

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



#1

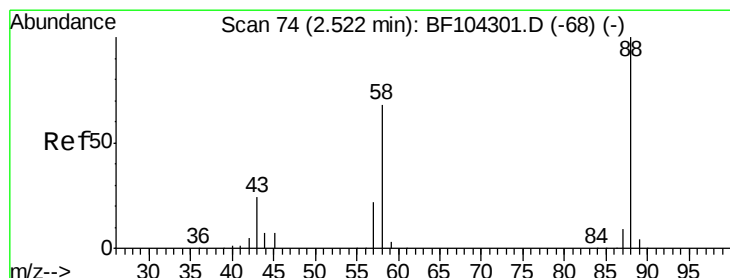
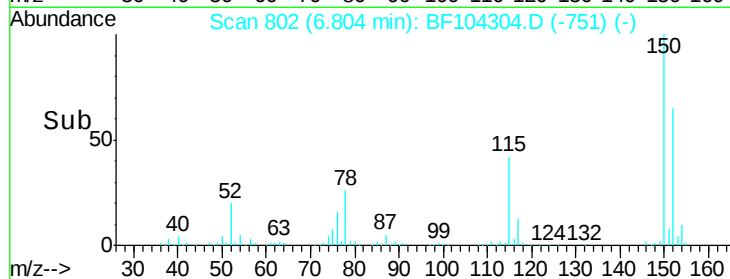
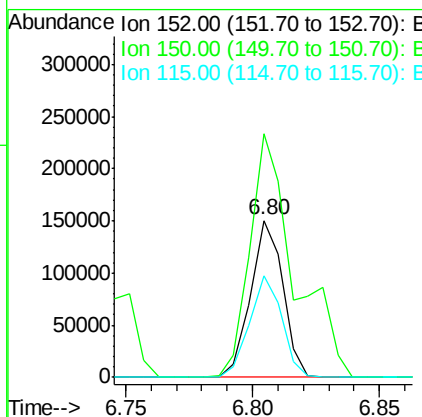
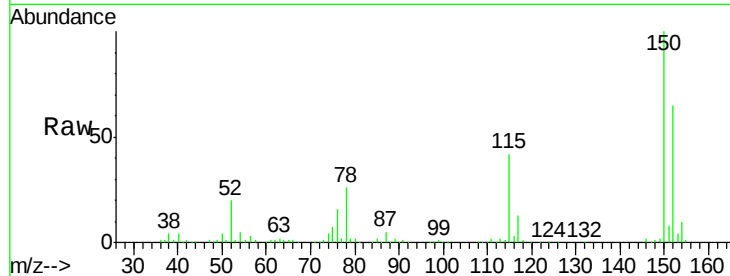
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	64.8	50.1	75.1

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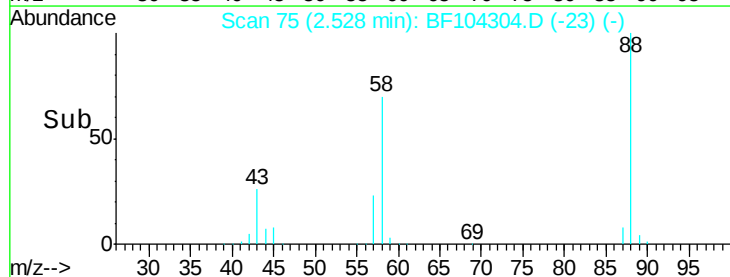
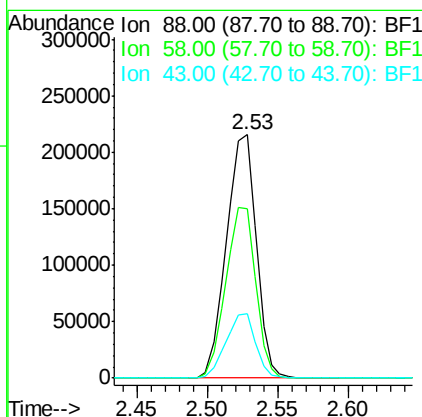
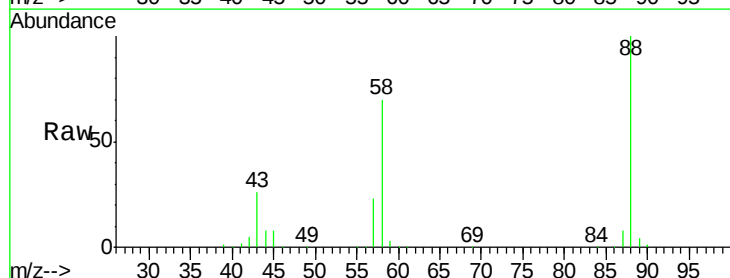
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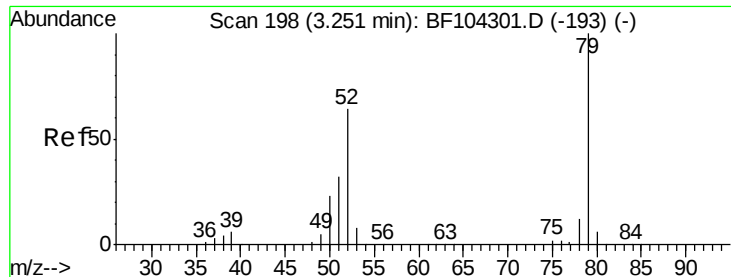


#2

1,4-Dioxane
Concen: 87.864 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	62.6	93.8
43	26.2	24.6	37.0





#3

Pvridine

Concen: 96.920 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

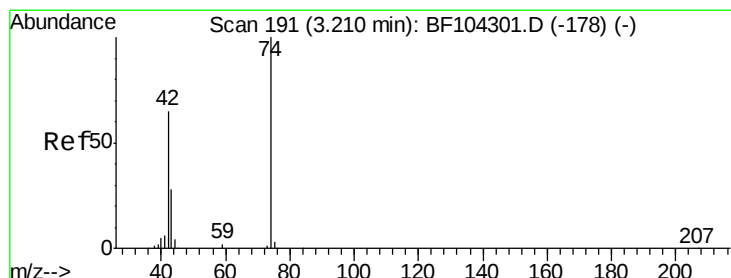
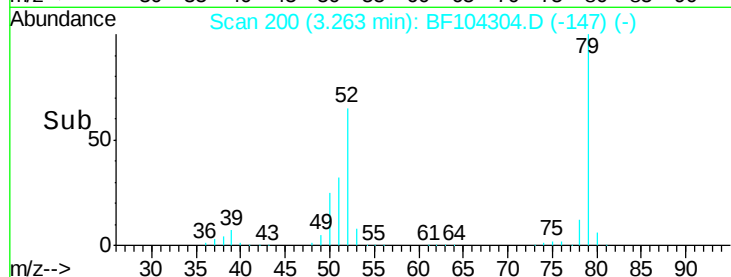
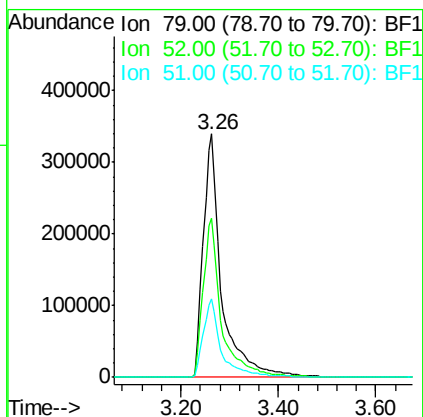
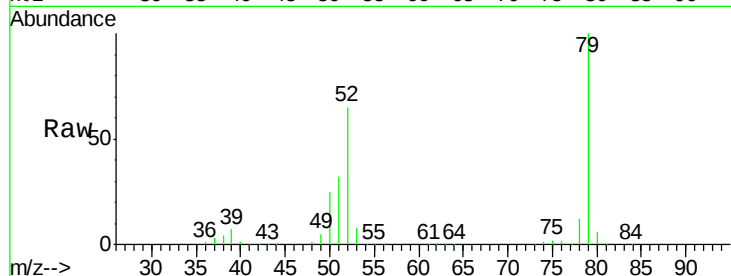
ClientSampleId :

SSTDICC080

Tot Ion:	79	Resp:	889816
Ion Ratio	Lower	Upper	
79	100		
52	65.4	59.8	89.6
51	32.0	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 115.069 ng

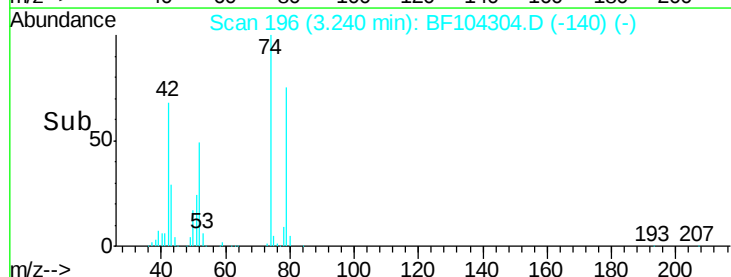
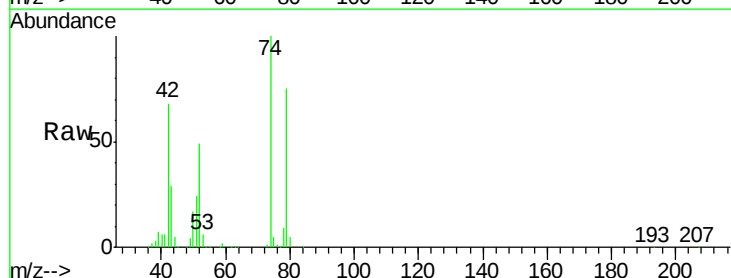
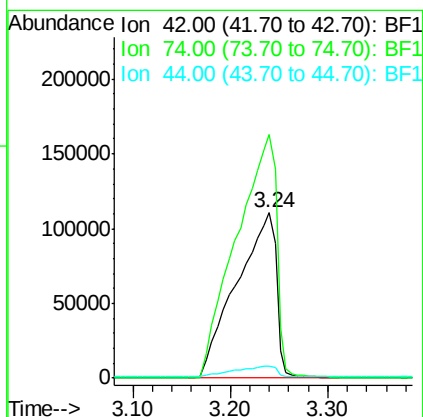
RT: 3.24 min Scan# 196

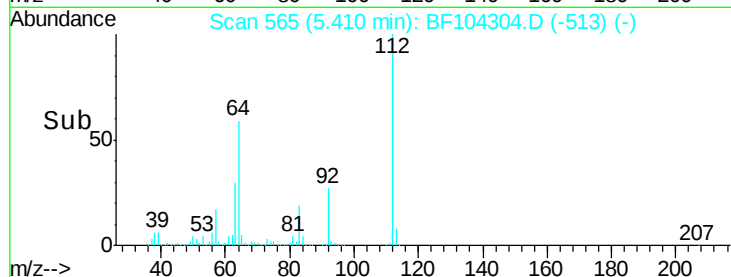
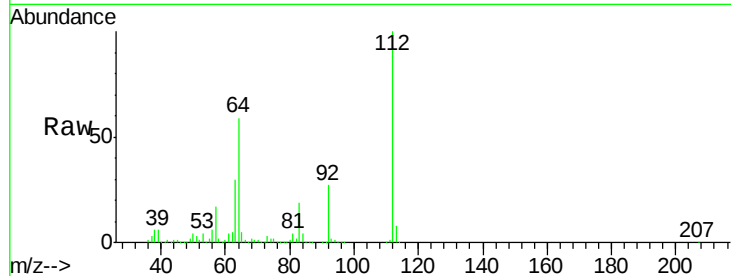
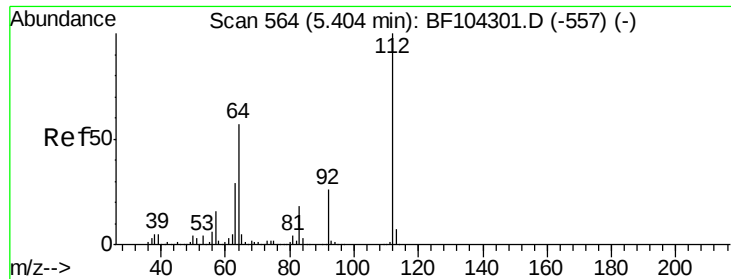
Delta R.T. 0.03 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tgt Ion:	42	Resp:	314014
Ion Ratio	Lower	Upper	
42	100		
74	147.6	104.9	157.3
44	7.0	6.9	10.3





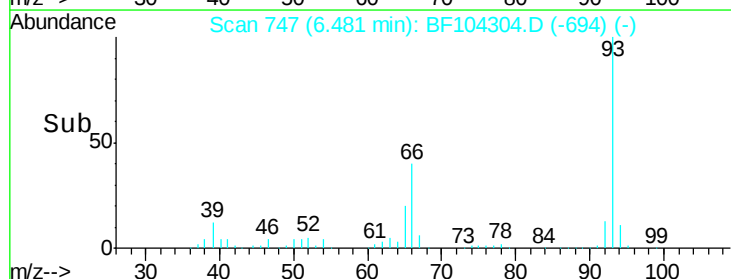
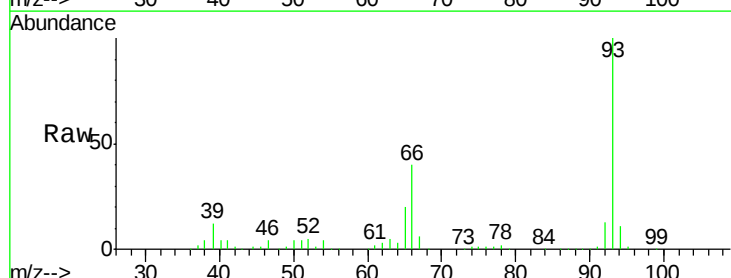
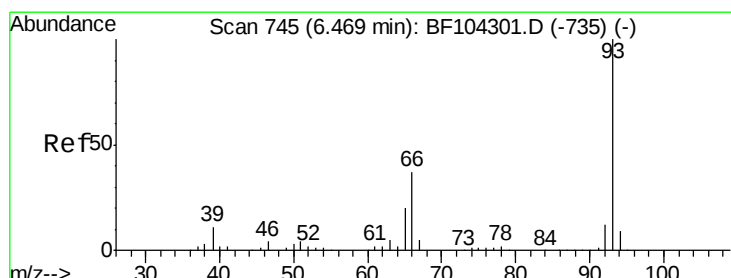
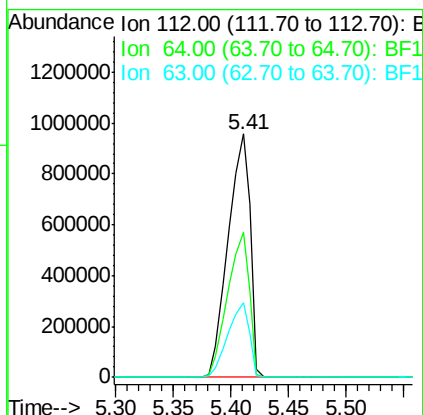
#5
2-Fluorophenol
Concen: 149.838 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	30.4	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

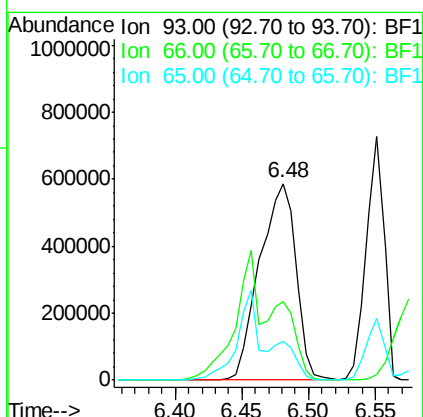
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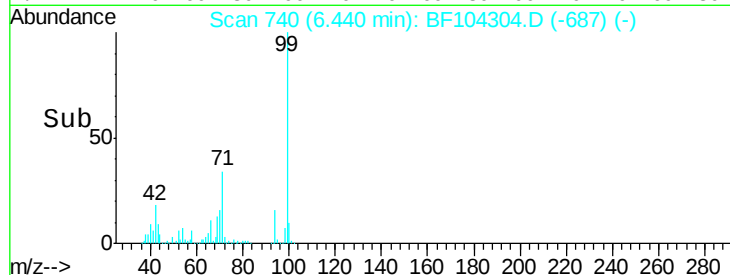
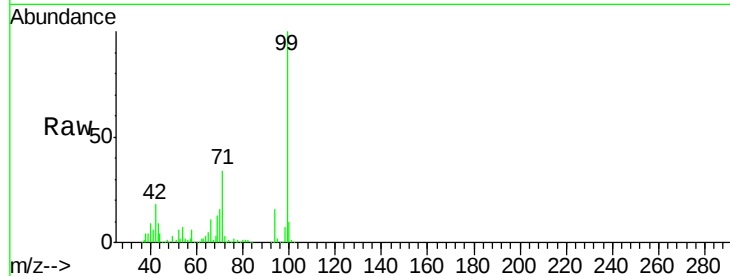
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#6
Aniline
Concen: 89.913 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.2	32.2	48.2
65	19.9	16.4	24.6





#7

Phenol-d6

Concen: 148.699 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tot Ion: 99 Resp: 1538308

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

71 34.2 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

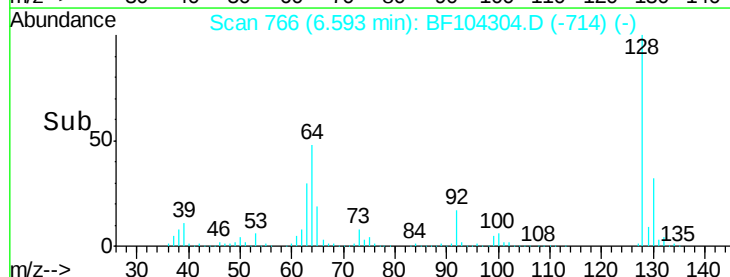
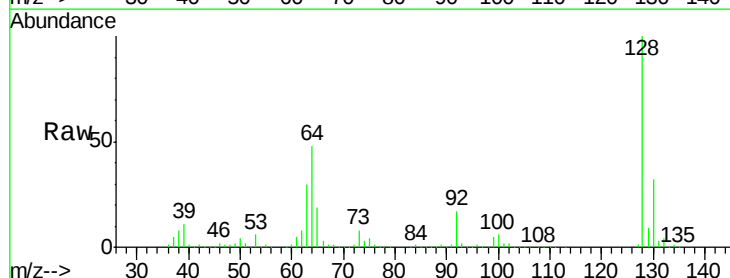
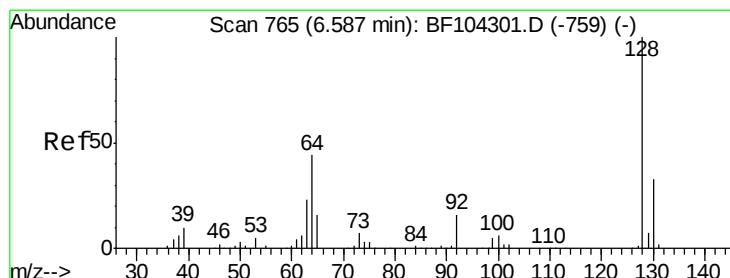
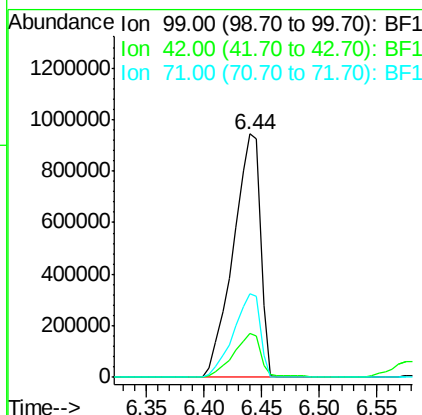
SSTDIC080

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#8

2-Chlorophenol

Concen: 71.222 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

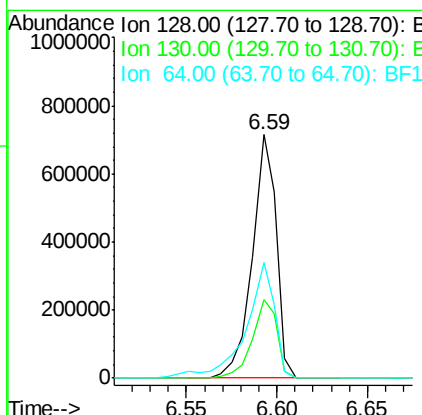
Tgt Ion:128 Resp: 656939

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 47.7 29.4 69.4





#9

Benzaldehyde

Concen: 55.512 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

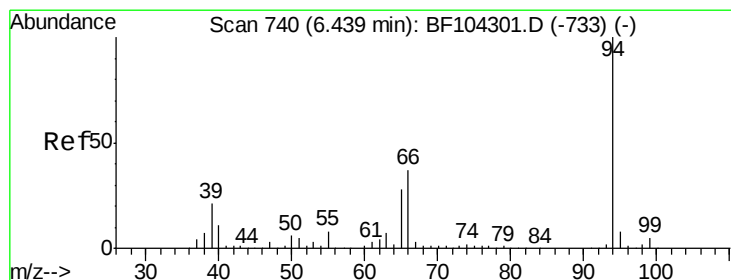
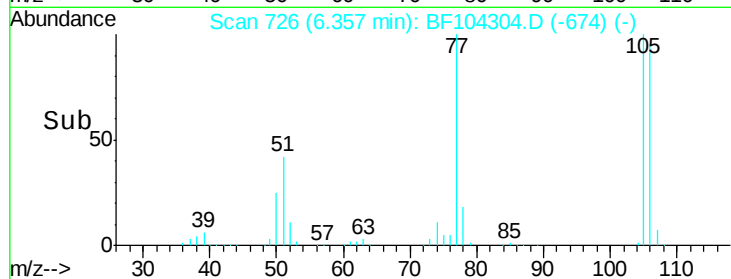
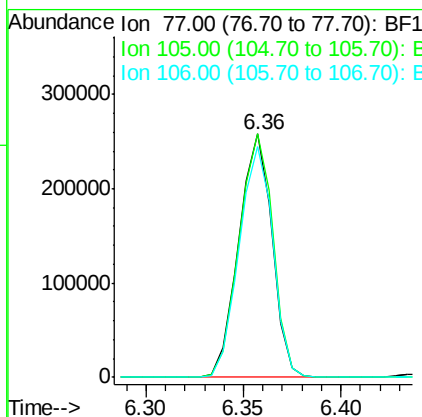
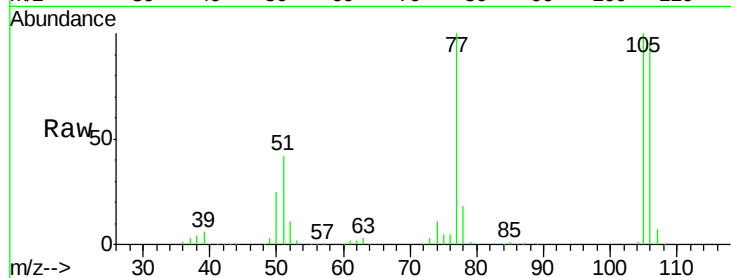
ClientSampleId :

SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.0	81.1	121.1		
106	95.0	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 77.530 ng

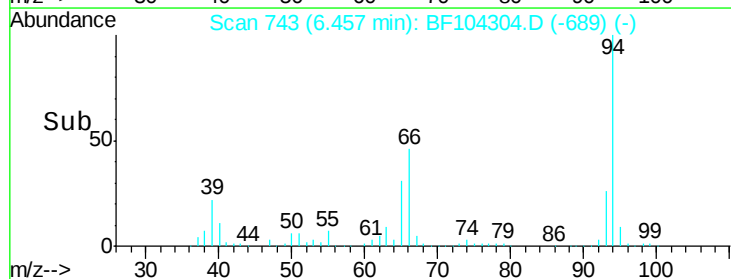
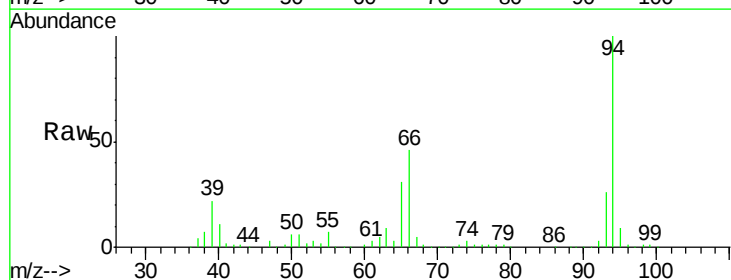
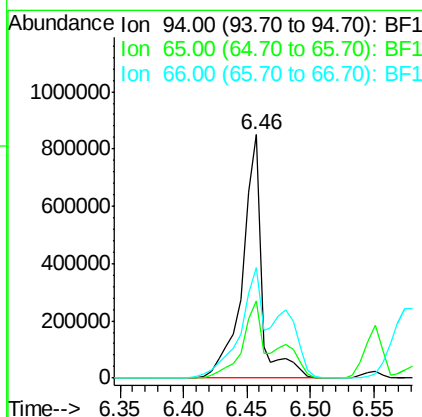
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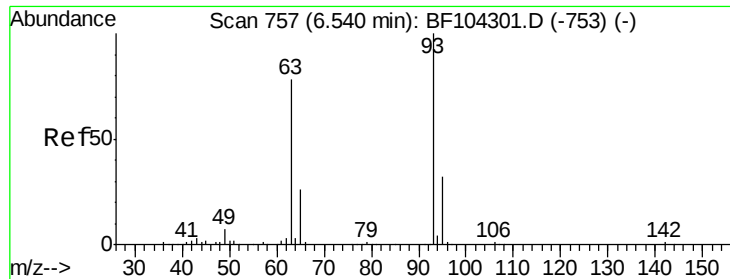
Delta R.T. 0.02 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	31.5	7.9	47.9		
66	45.5	16.2	56.2		





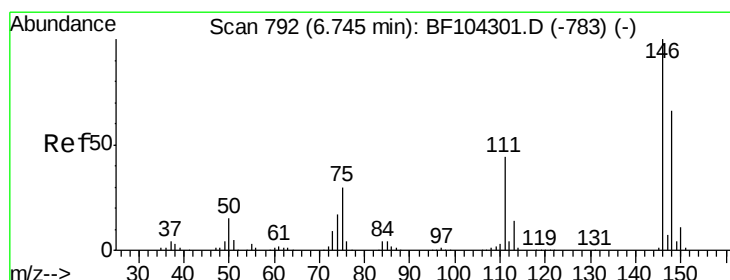
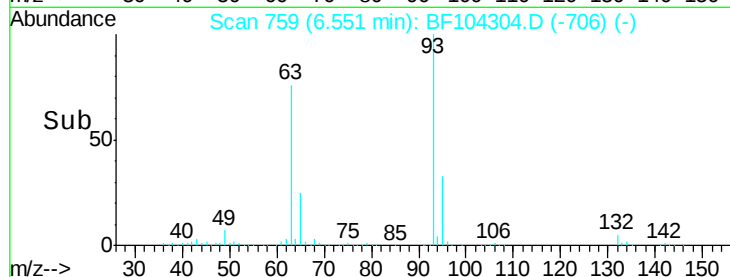
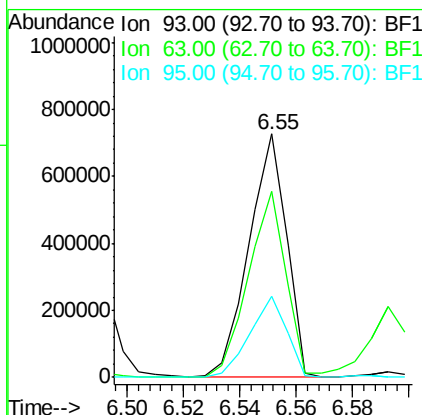
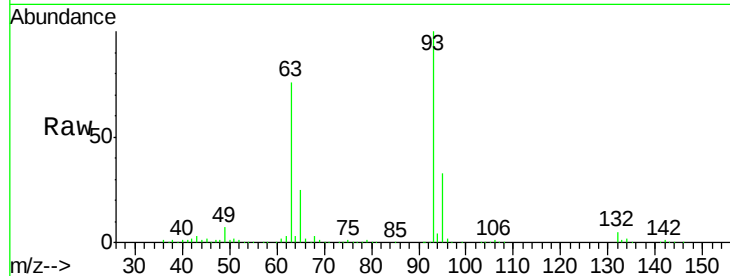
#11
bis(2-Chloroethyl)ether
Concen: 67.401 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:	93	Resp:	665745
Ion Ratio	Lower	Upper	
93	100		
63	76.4	58.6	98.6
95	33.2	11.8	51.8

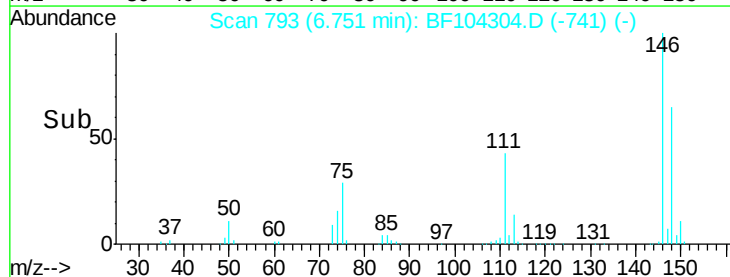
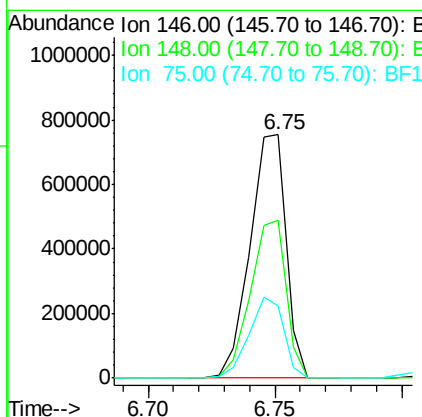
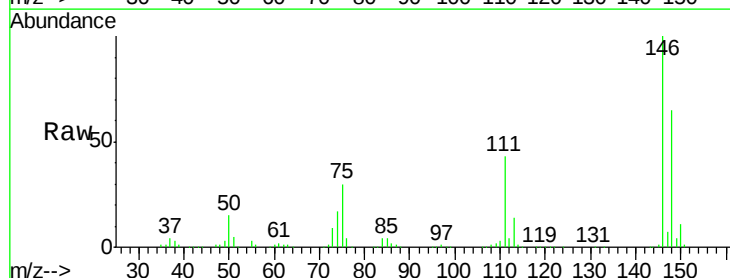
Manual Integrations
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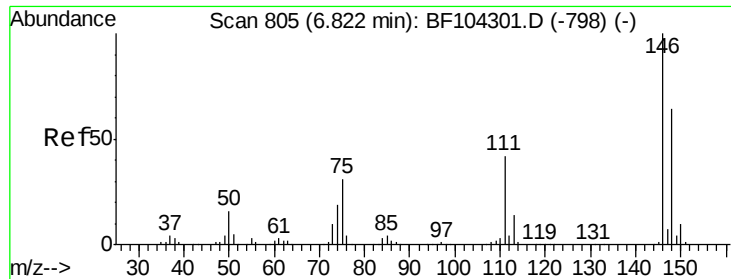
Sohil
4/9/2018 11:18:18 AM



#12
1,3-Dichlorobenzene
Concen: 72.520 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:	146	Resp:	751914
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.8
75	29.7	24.2	36.4





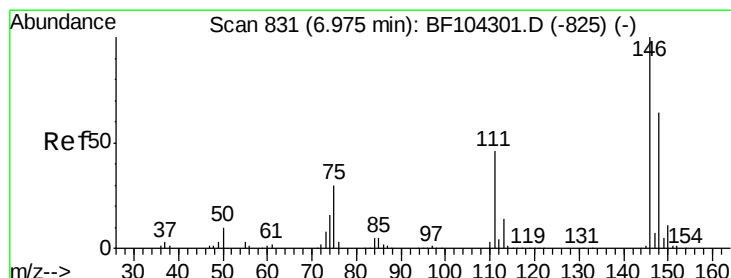
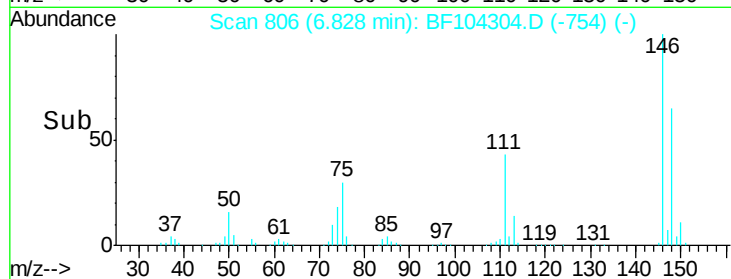
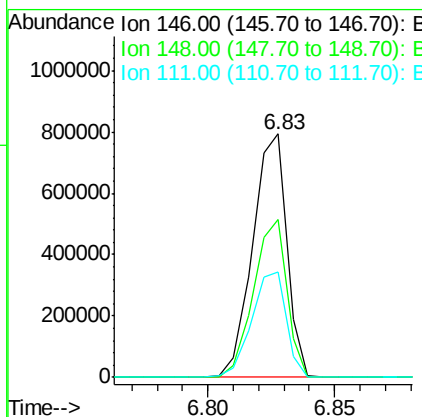
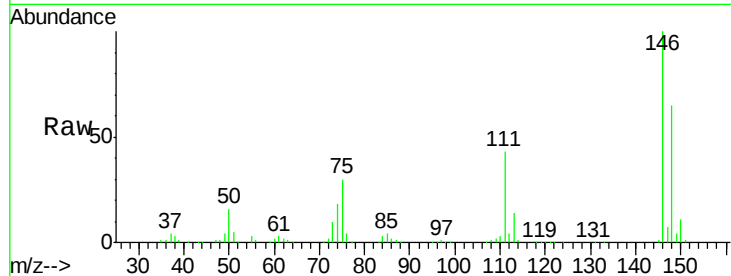
#13
 1,4-Dichlorobenzene
 Concen: 67.048 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	43.1	34.2	51.2

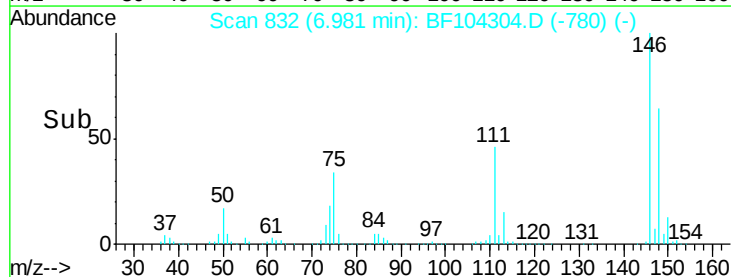
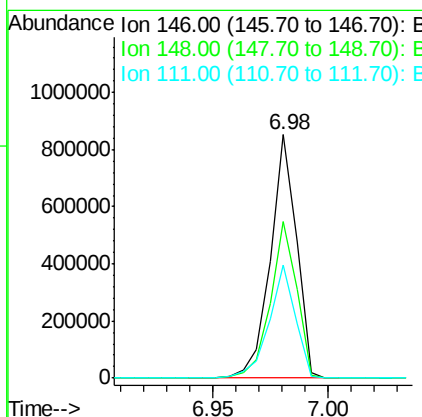
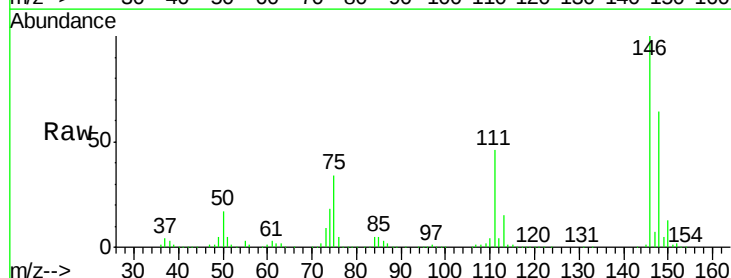
Manual Integrations
 APPROVED

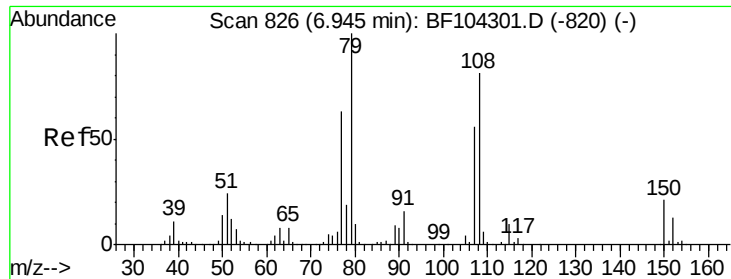
Sohil
 4/9/2018 11:18:18 AM



#14
 1,2-Dichlorobenzene
 Concen: 66.709 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	46.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 84.300 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

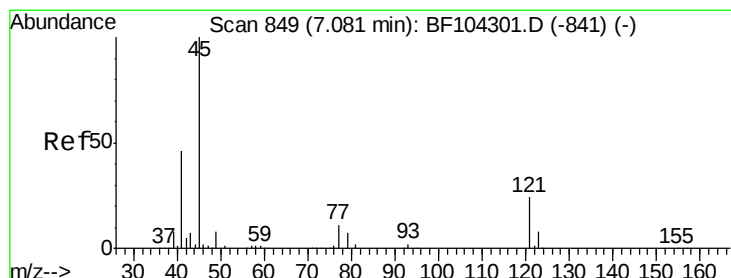
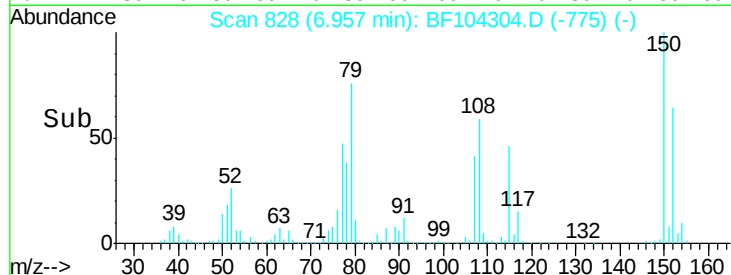
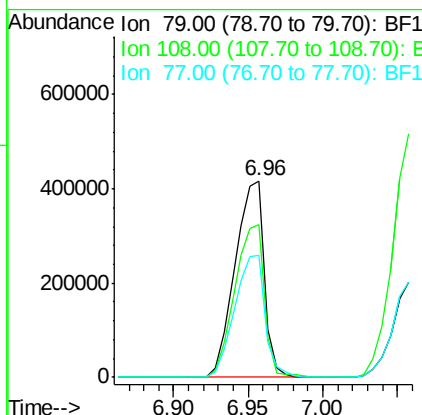
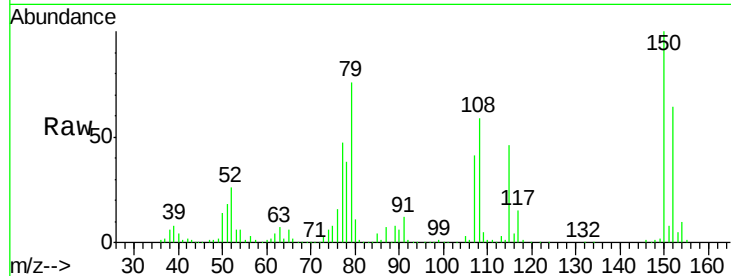
ClientSampleId :

SSTDICC080

Tot Ion:	79	Resp:	567021
Ion	Ratio	Lower	Upper
79	100		
108	77.5	65.1	97.7
77	62.2	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 83.396 ng

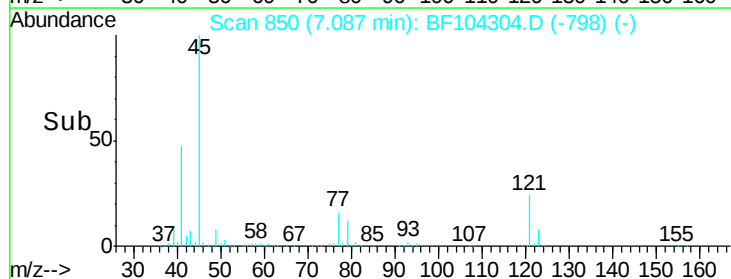
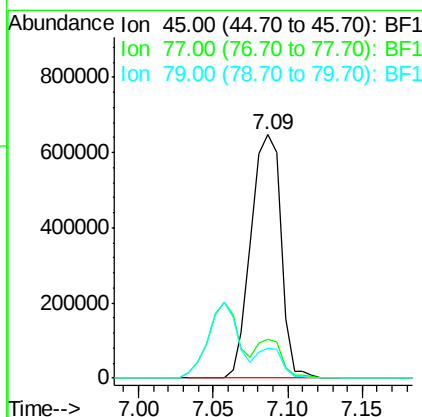
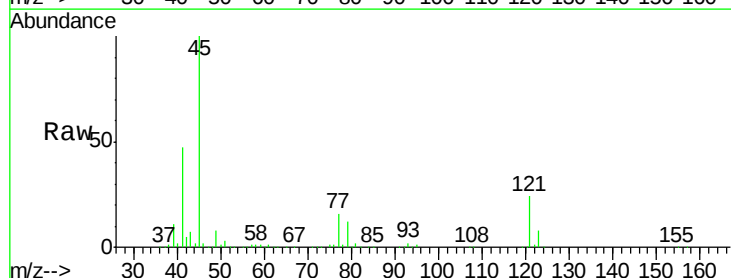
RT: 7.09 min Scan# 850

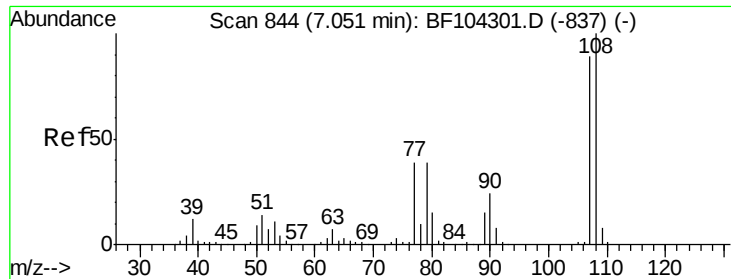
Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tgt Ion:	45	Resp:	897419
Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	32.9
79	12.1	0.0	29.6





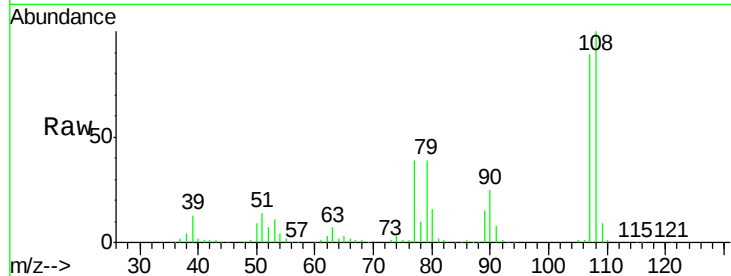
#17
2-Methylphenol
Concen: 79.773 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

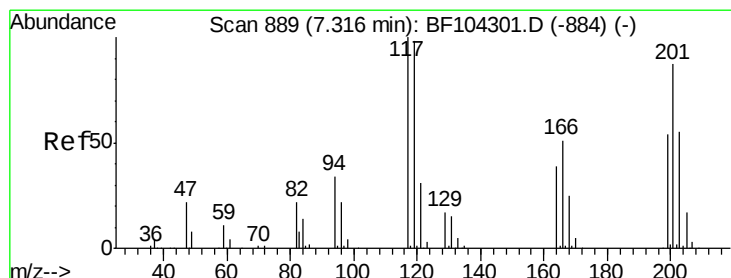
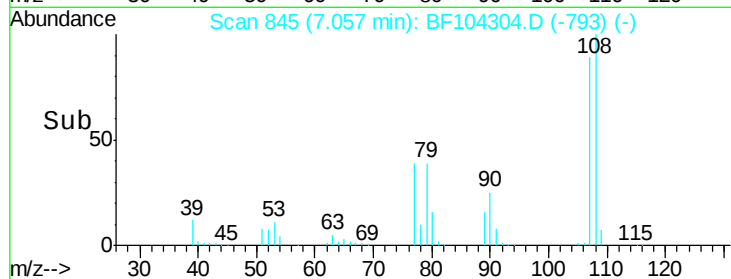
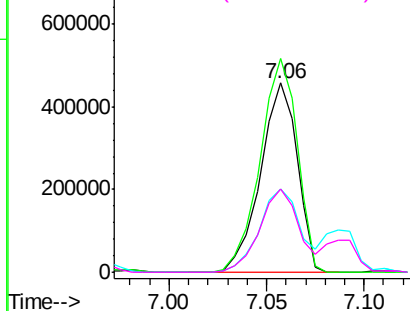
Tot Ion:	107	Resp:	598874
Ion Ratio	Lower	Upper	
107	100		
108	112.9	91.7	137.5
77	44.2	33.8	50.8
79	43.9	33.8	50.8

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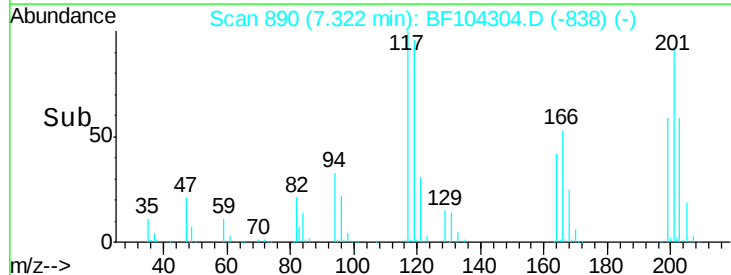
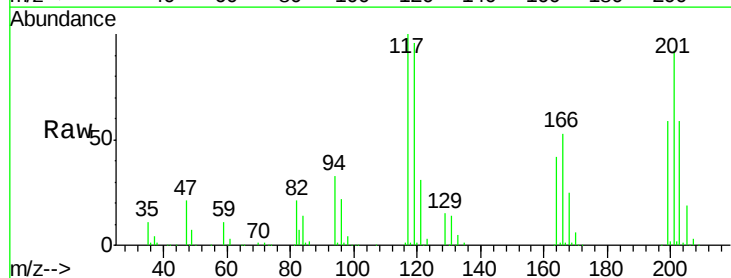
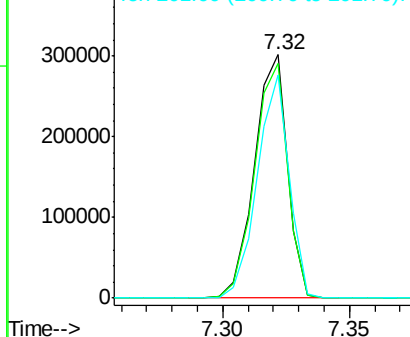
Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

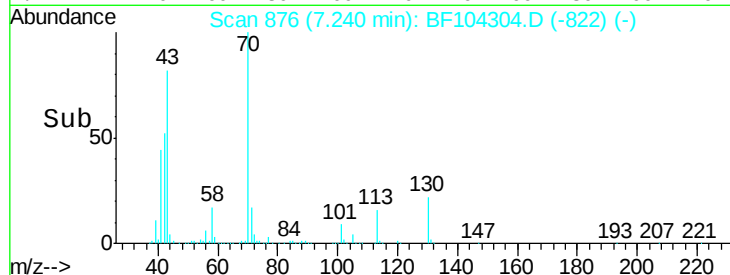
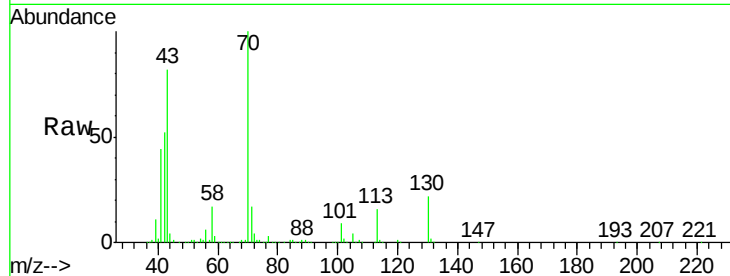
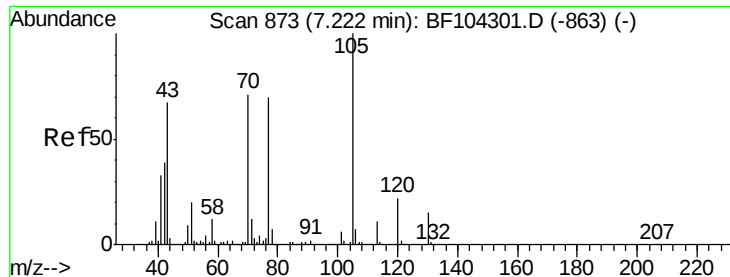


#18
Hexachloroethane
Concen: 73.603 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:	117	Resp:	273782
Ion Ratio	Lower	Upper	
117	100		
119	96.3	75.8	113.8
201	91.6	75.7	113.5

Abundance Ion 117.00 (116.70 to 117.70): E
400000
Ion 119.00 (118.70 to 119.70): E
300000
Ion 201.00 (200.70 to 201.70): E
200000
100000
0





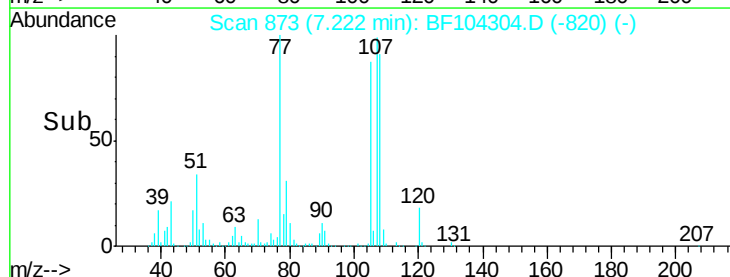
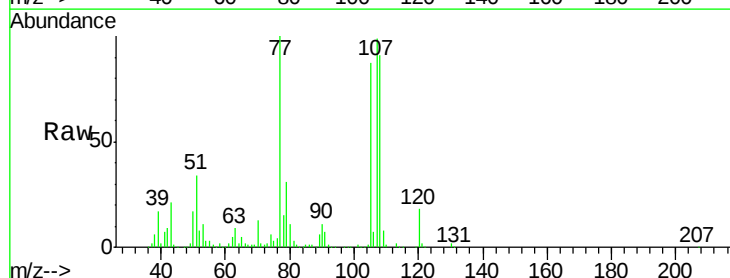
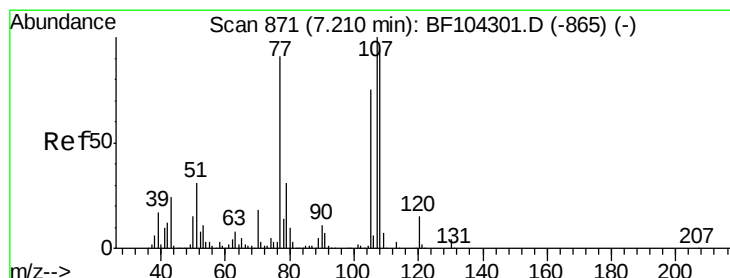
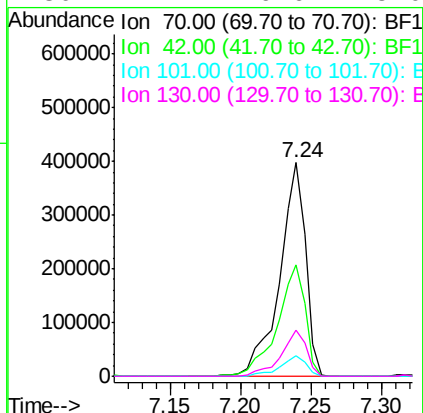
#19
n-Nitroso-di-n-propylamine
Concen: 82.991 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.1	47.5	71.3	
101	9.5	7.4	11.2	
130	21.7	16.6	25.0	

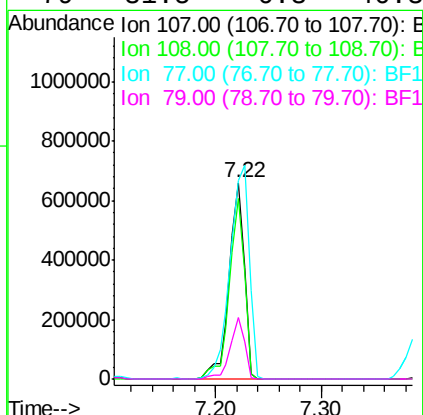
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#20
3+4-Methylphenols
Concen: 68.857 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	68.2	108.2	
77	101.1	26.7	66.7	
79	31.5	6.3	46.3	





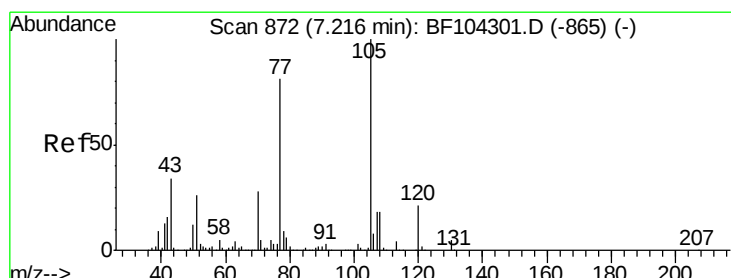
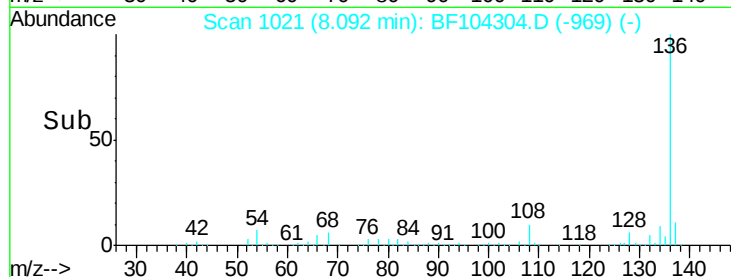
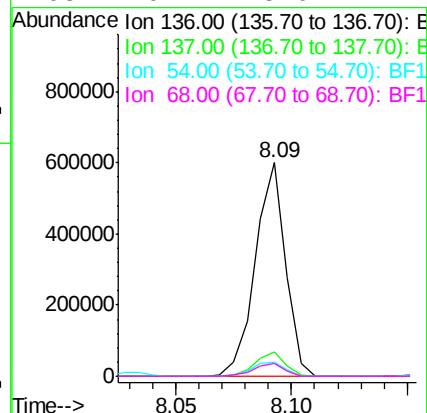
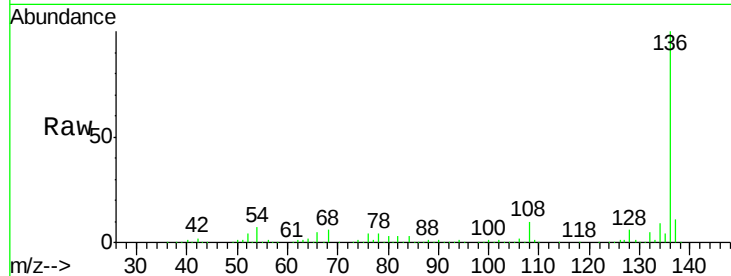
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2		8.9	13.3	
54	6.8		6.6	9.8	
68	6.2		5.0	7.4	

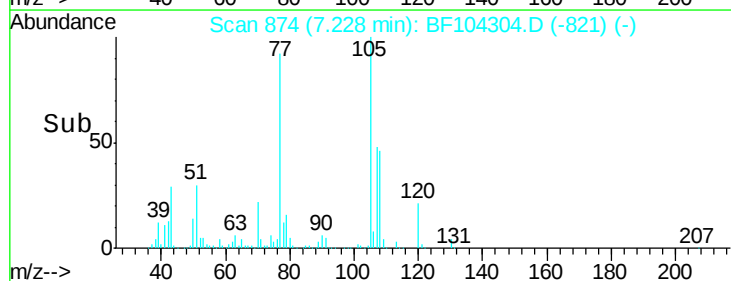
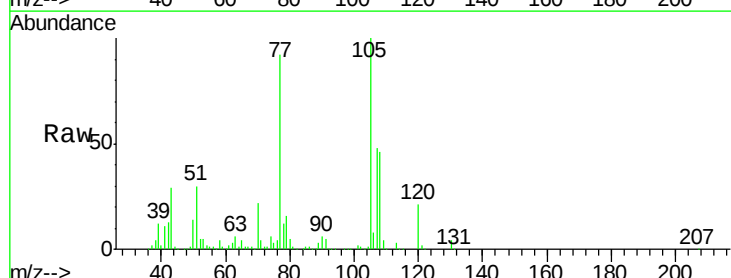
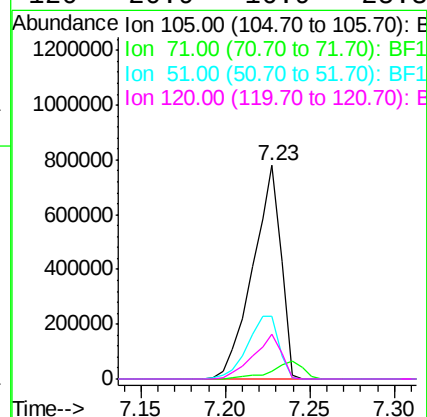
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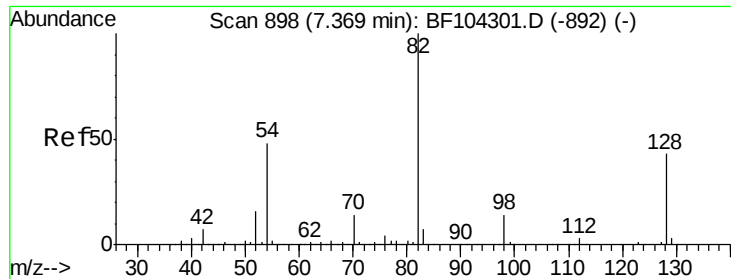
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#22
Acetophenone
Concen: 68.471 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	3.6		4.4	6.6#	
51	29.6		22.3	33.5	
120	20.9		16.9	25.3	





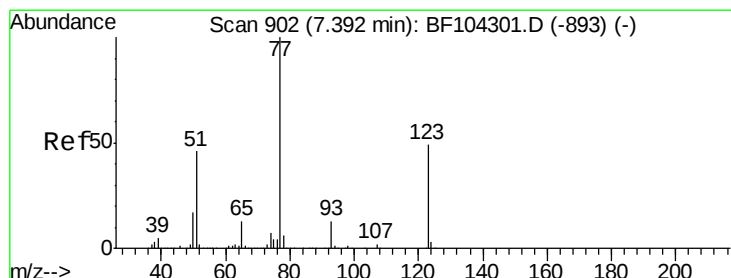
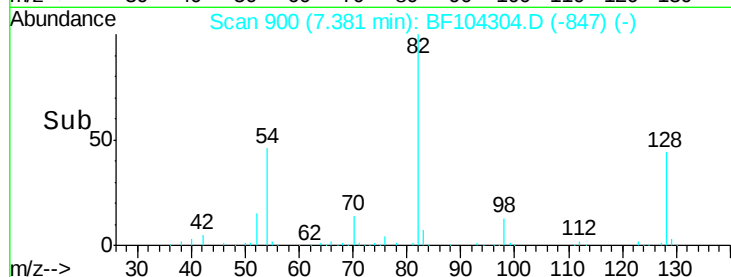
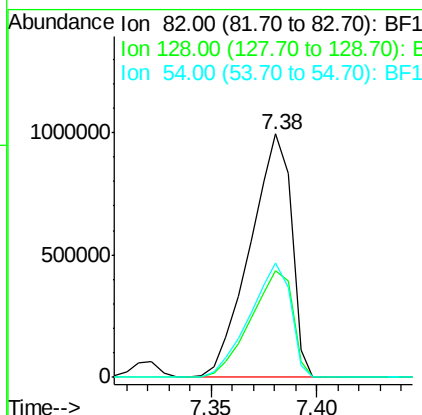
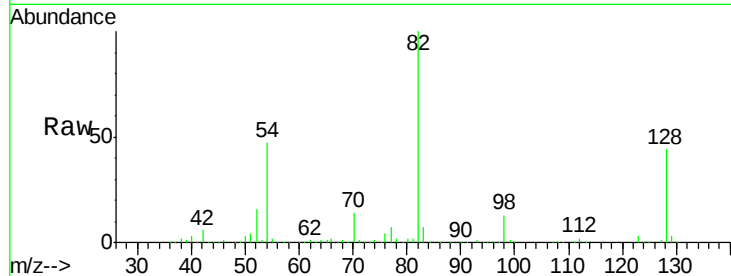
#23
 Nitrobenzene-d5
 Concen: 150.985 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	82	Resp	1358479
Ion Ratio	100	Lower	Upper
128	44.0	36.1	54.1
54	46.9	41.4	62.2

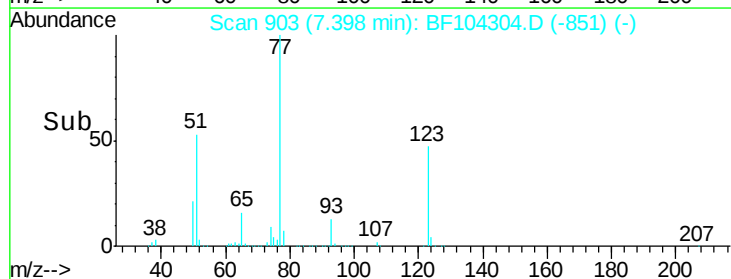
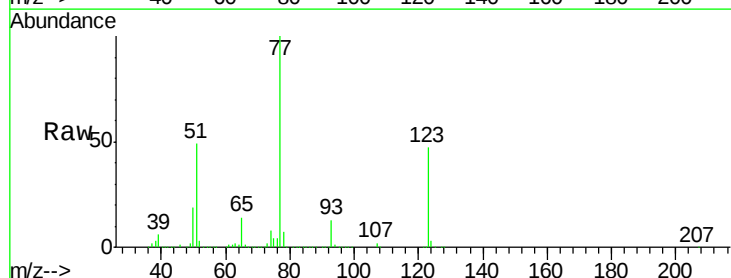
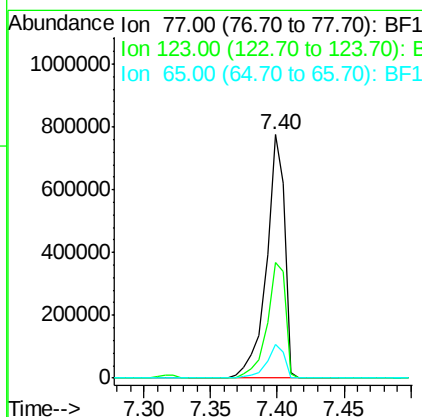
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#24
 Nitrobenzene
 Concen: 76.943 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion	77	Resp	728408
Ion Ratio	100	Lower	Upper
123	47.3	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 81.408 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1349873

Ion Ratio Lower Upper

82 100

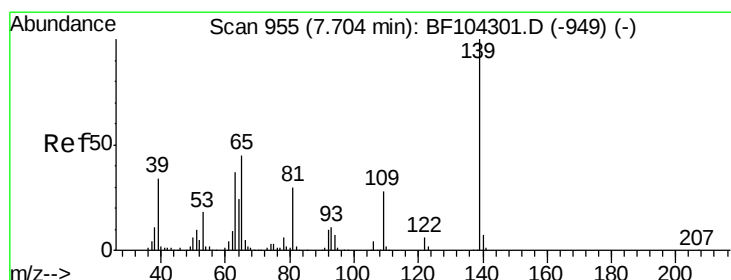
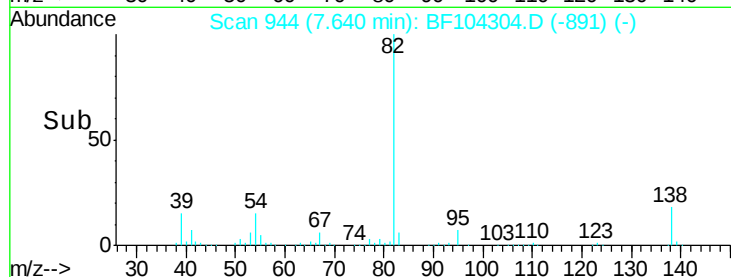
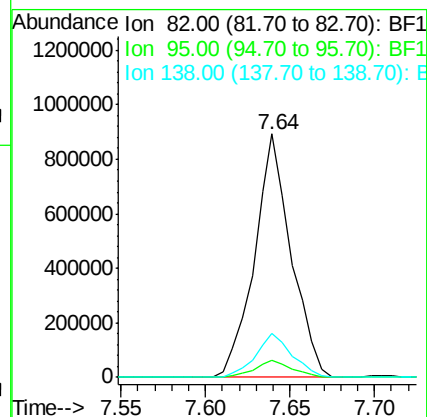
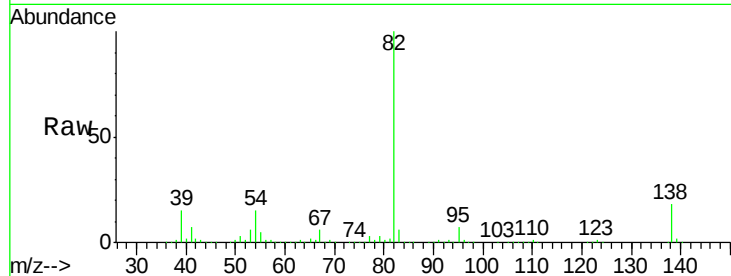
95 7.3 5.2 7.8

138 18.0 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 68.141 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

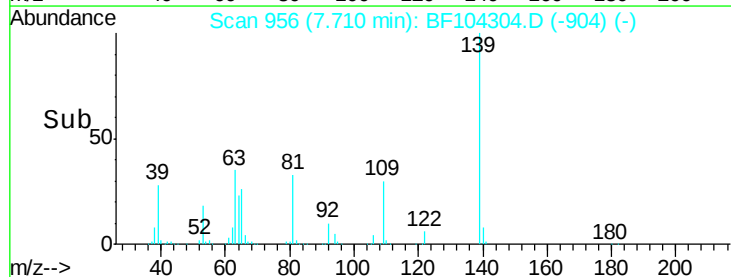
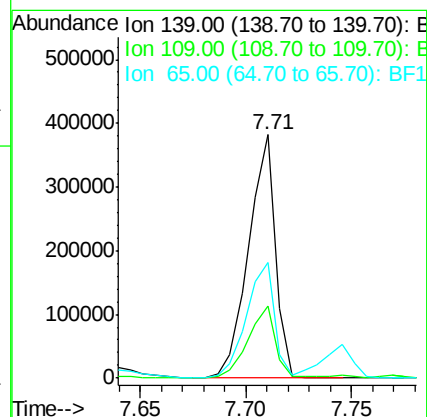
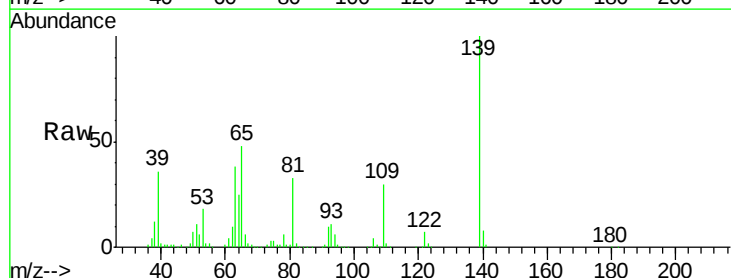
Tgt Ion: 139 Resp: 336726

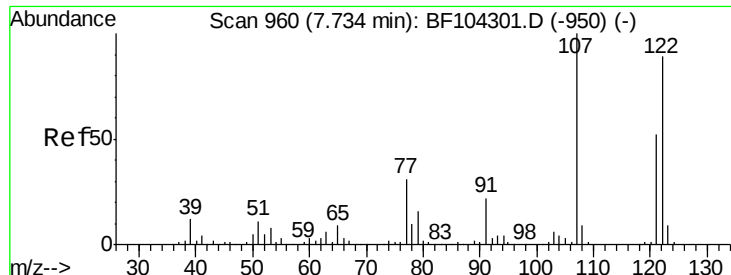
Ion Ratio Lower Upper

139 100

109 29.8 22.7 34.1

65 47.6 40.5 60.7





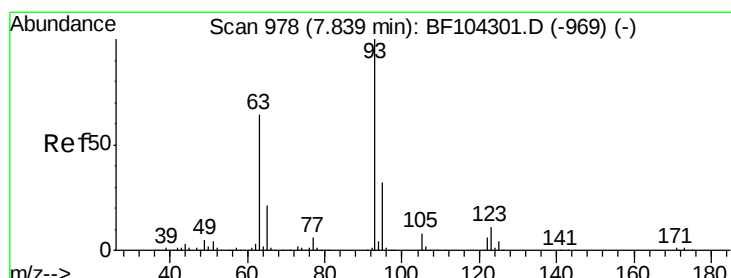
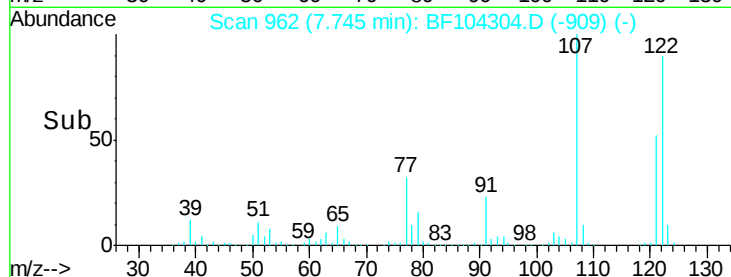
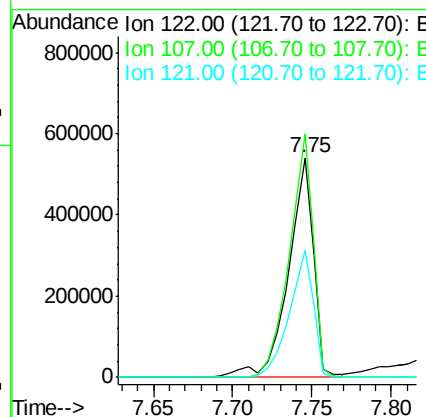
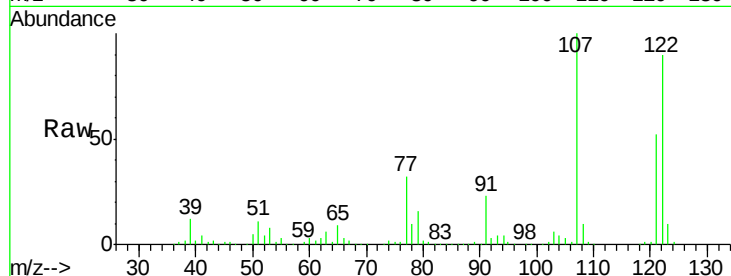
#27
2,4-Dimethylphenol
Concen: 82.868 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	58.1	47.2	70.8

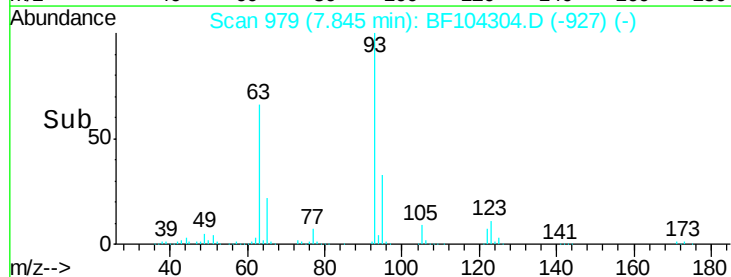
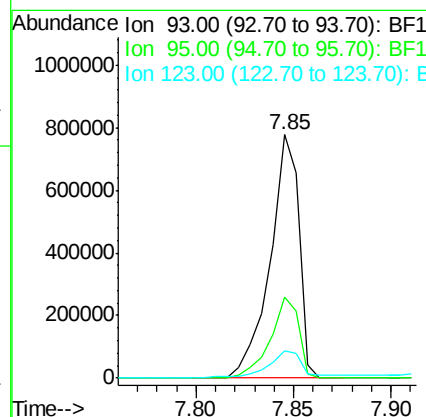
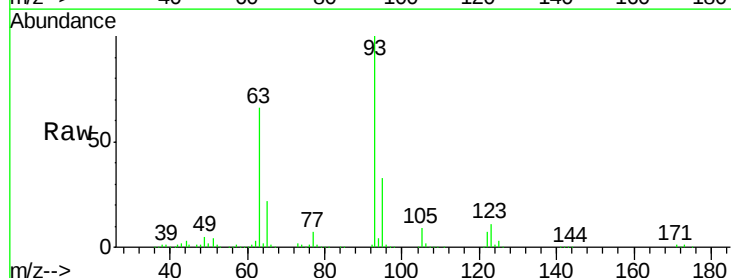
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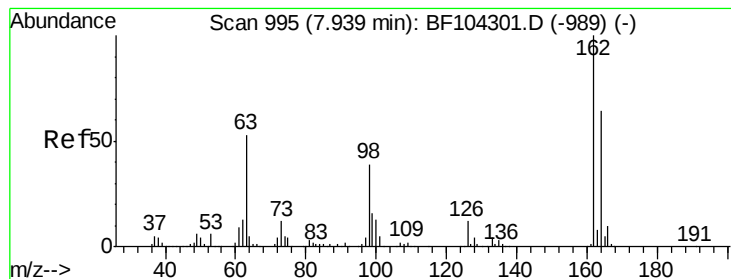
Sohil
4/9/2018 11:18:18 AM



#28
bis(2-Chloroethoxy)methane
Concen: 76.343 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.2	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 73.742 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

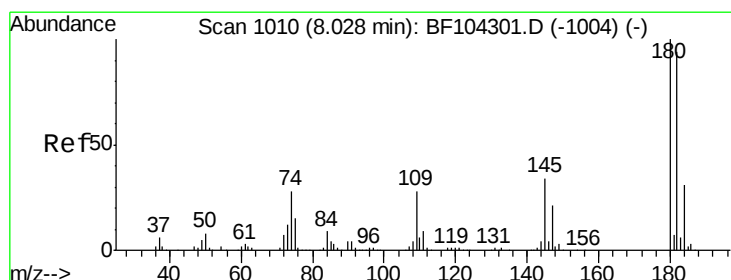
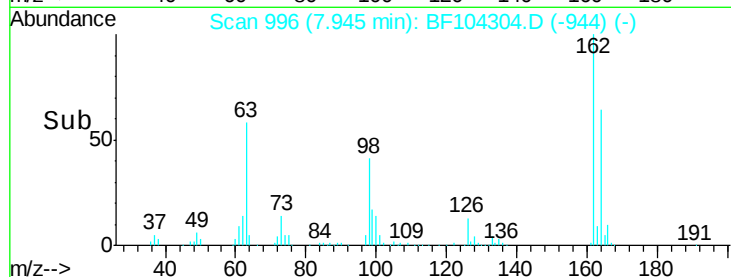
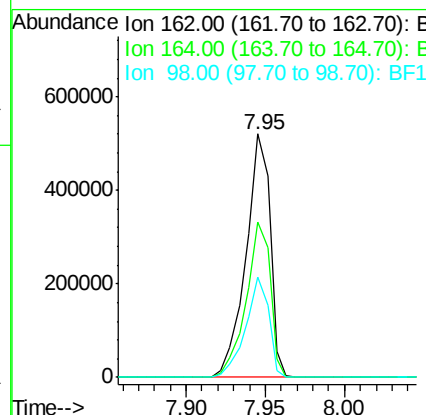
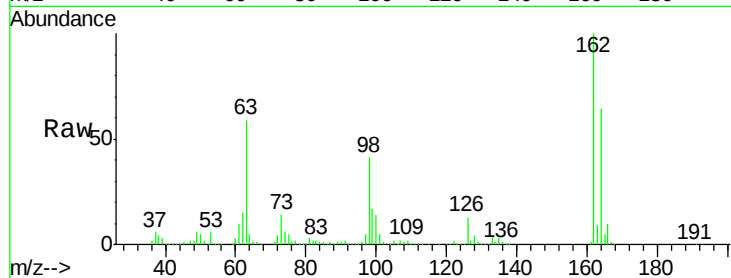
ClientSampleId :

SSTDIC080

Tot Ion:	162	Resp:	548930
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.7	82.7
98	41.0	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 68.710 ng

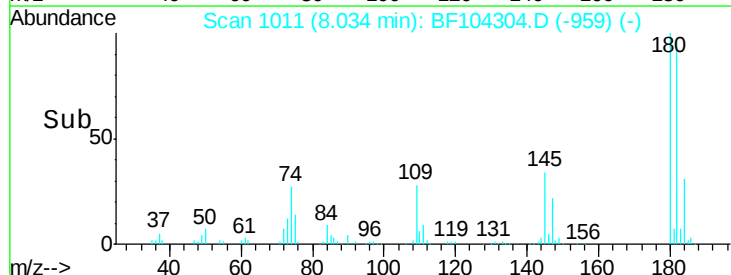
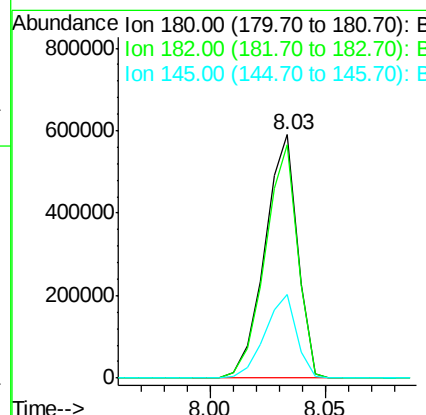
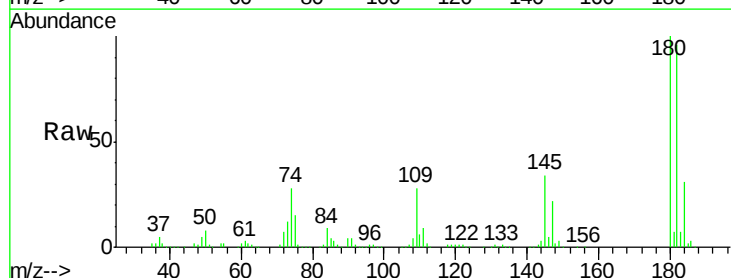
RT: 8.03 min Scan# 1011

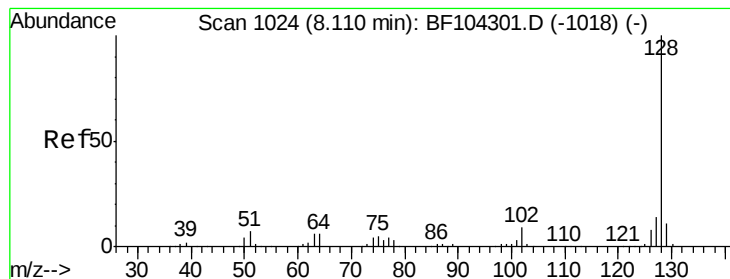
Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tgt Ion:	180	Resp:	580333
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.8	115.2
145	34.1	26.5	39.7





#31

Naphthalene

Concen: 70.677 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:128 Resp: 1899901

Ion Ratio Lower Upper

128 100

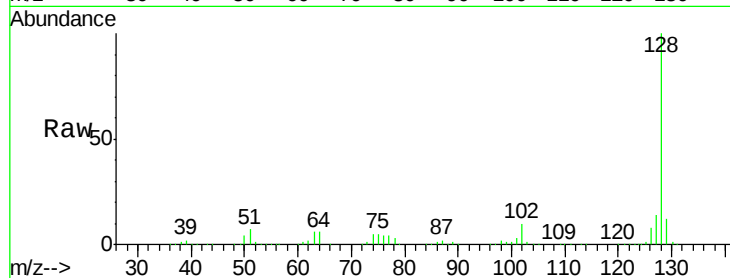
129 11.6 8.8 13.2

127 14.0 10.9 16.3

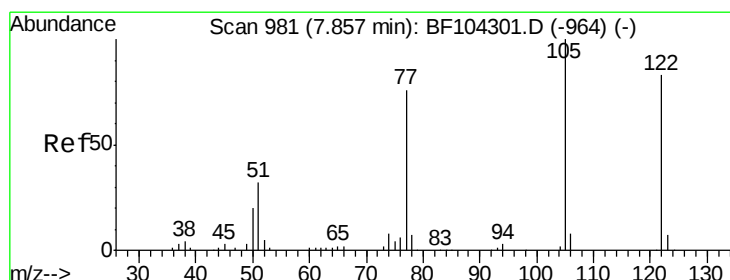
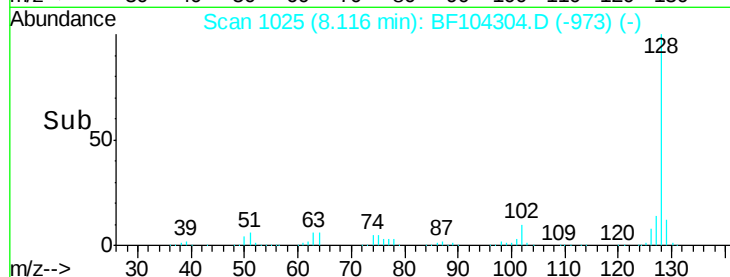
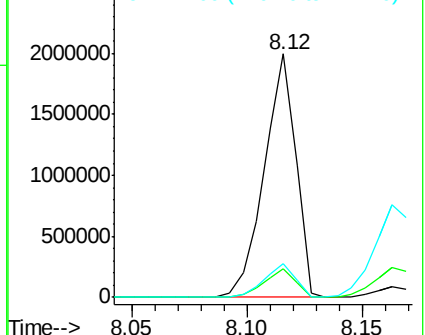
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 110.336 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.05 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

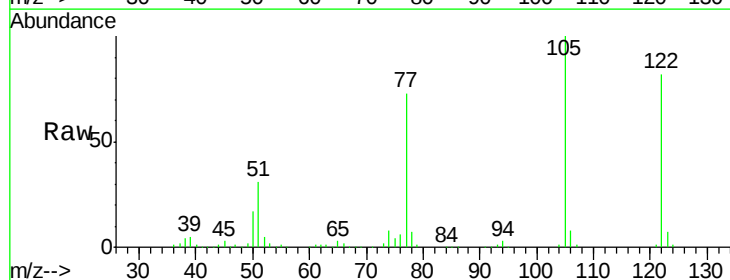
Tgt Ion:122 Resp: 576050

Ion Ratio Lower Upper

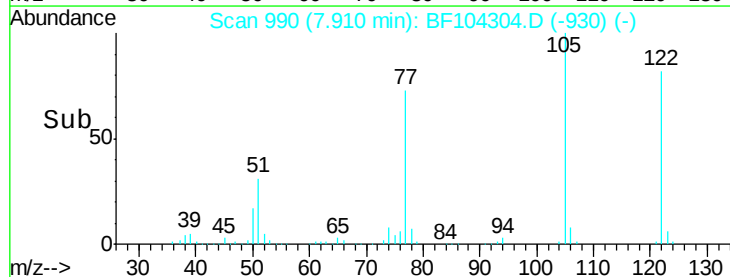
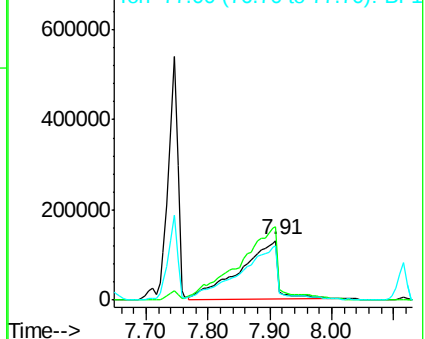
122 100

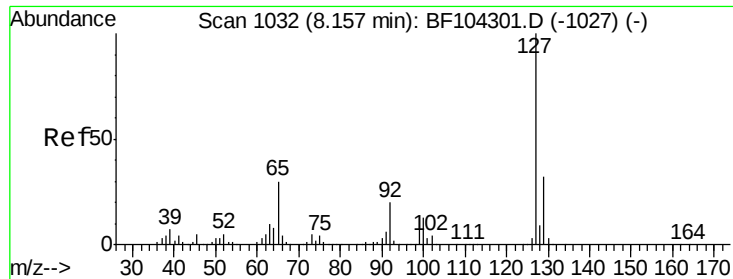
105 122.6 101.1 141.1

77 89.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





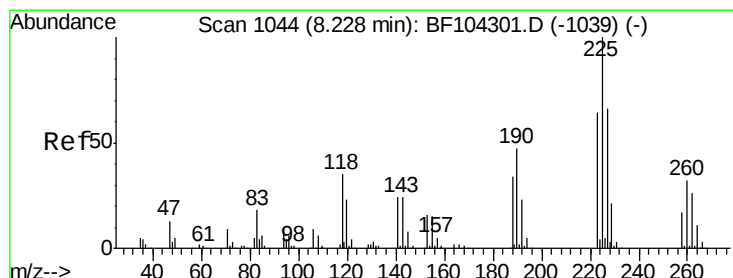
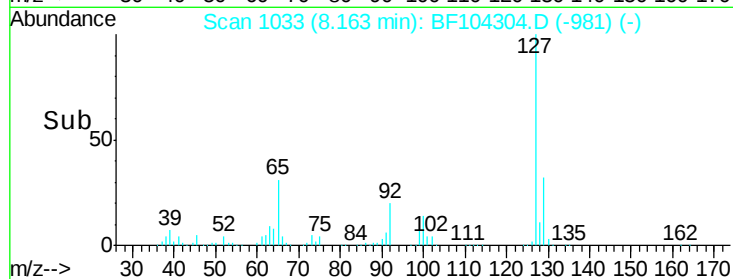
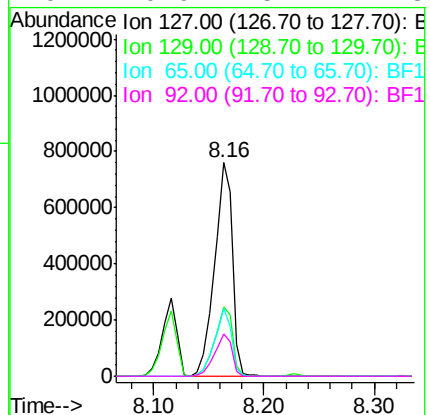
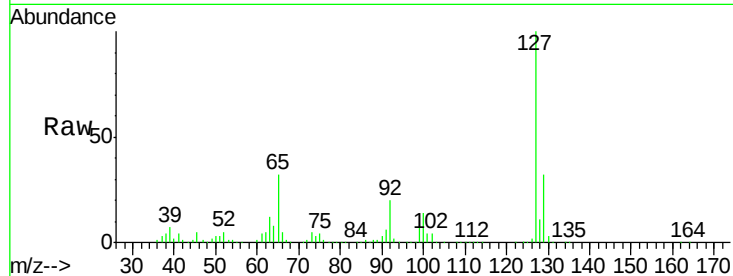
#33
4-Chloroaniline
Concen: 73.768 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	31.8	25.0	37.4	
92	19.9	15.2	22.8	

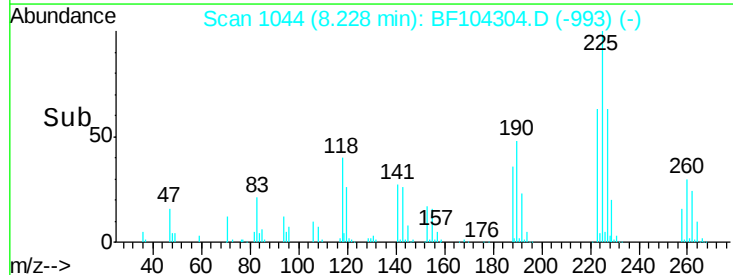
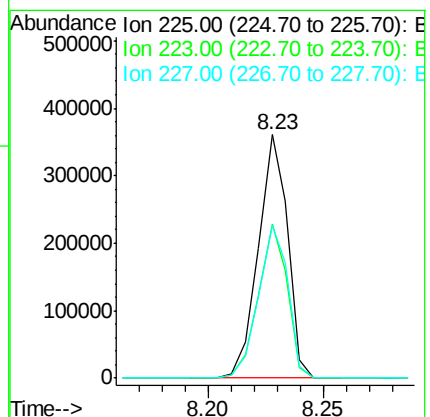
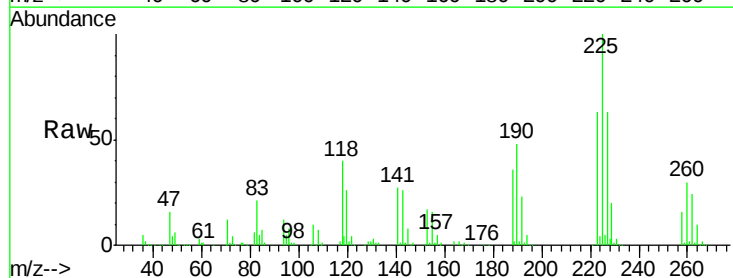
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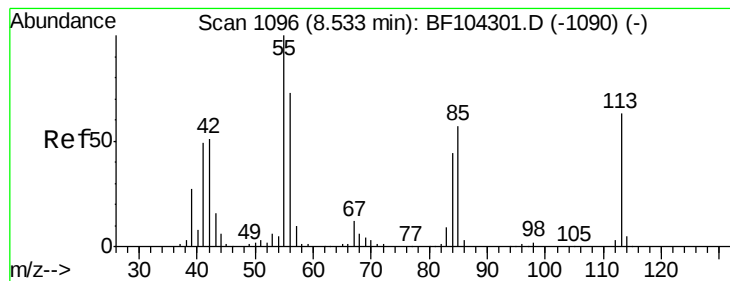
Sohil
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#34
Hexachlorobutadiene
Concen: 69.496 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	50.6	76.0	
227	62.6	51.9	77.9	





#35

Caprolactam

Concen: 83.140 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.04 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

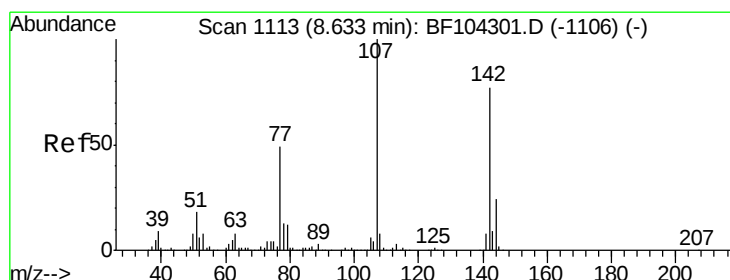
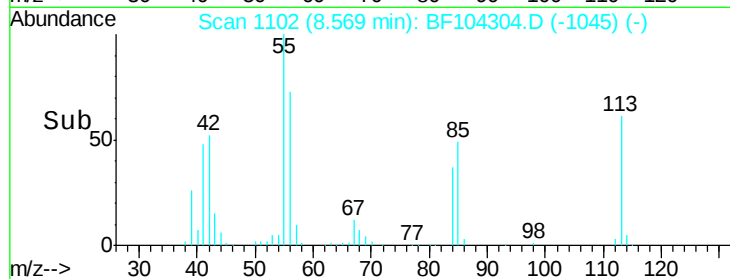
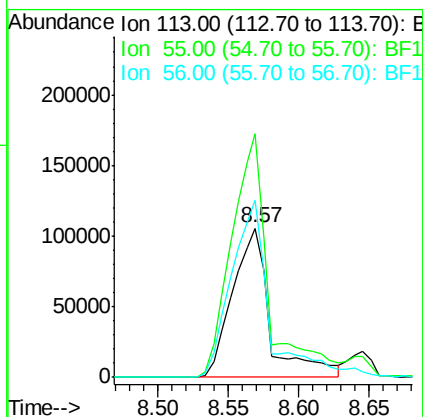
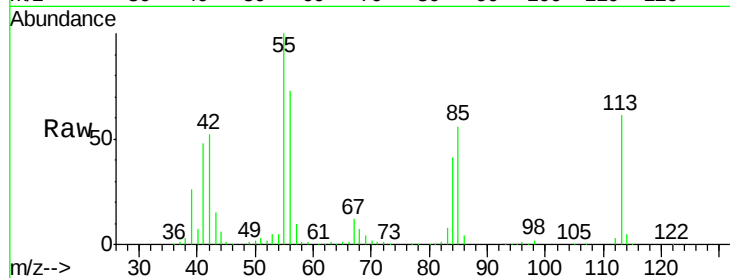
ClientSampleId :

SSTDIC080

Tot Ion:	113	Resp:	196239
Ion Ratio	Lower	Upper	
113	100		
55	163.5	163.3	203.3
56	119.0	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 76.056 ng

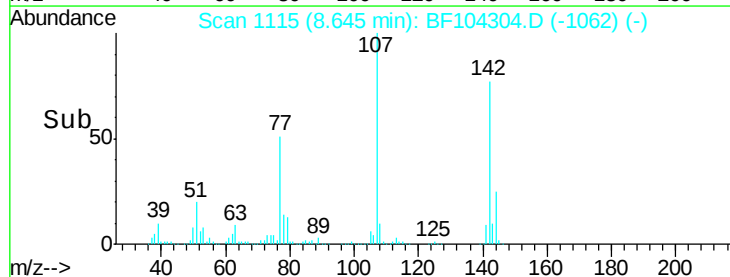
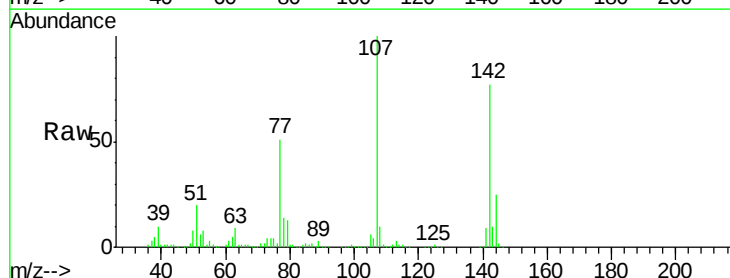
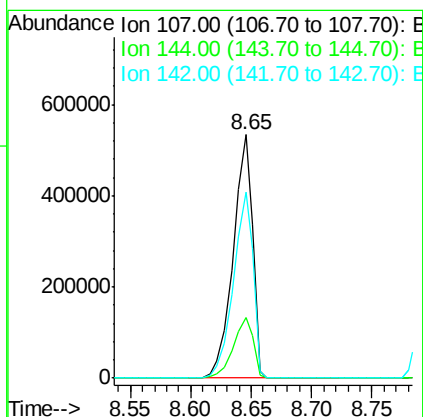
RT: 8.65 min Scan# 1115

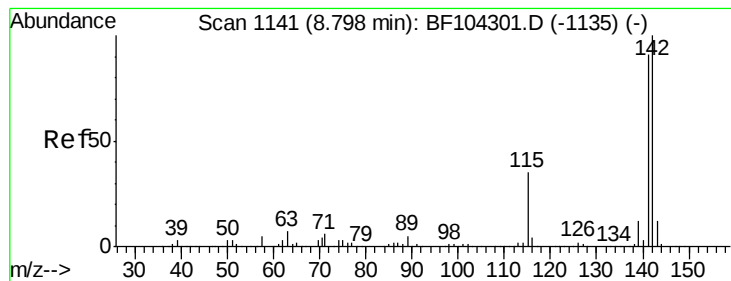
Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tgt Ion:	107	Resp:	598833
Ion Ratio	Lower	Upper	
107	100		
144	25.1	20.5	30.7
142	76.6	62.0	93.0





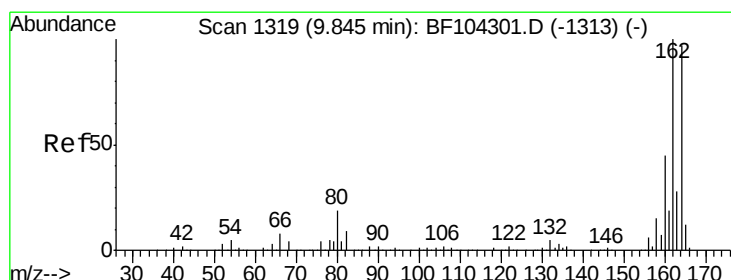
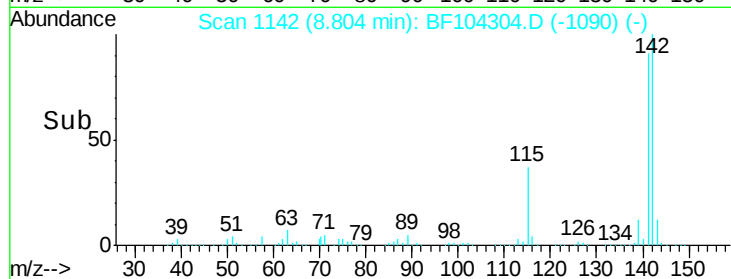
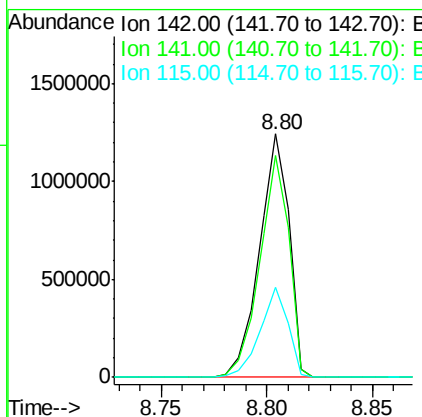
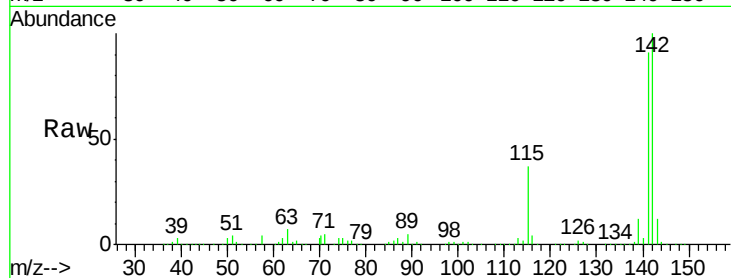
#37
2-Methylnaphthalene
Concen: 68.301 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.8	106.2
115	36.8	26.1	39.1

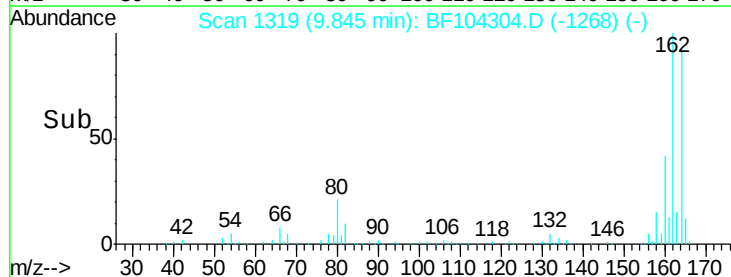
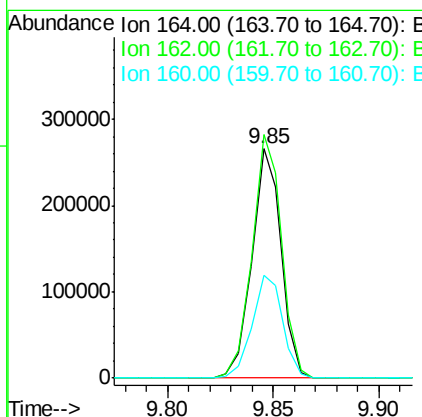
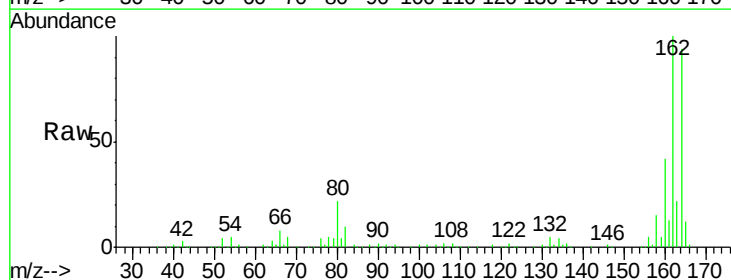
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	44.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 65.265 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

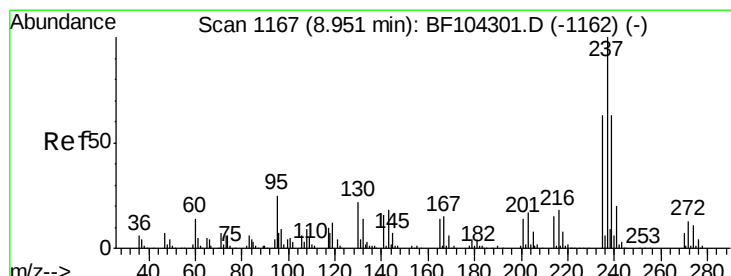
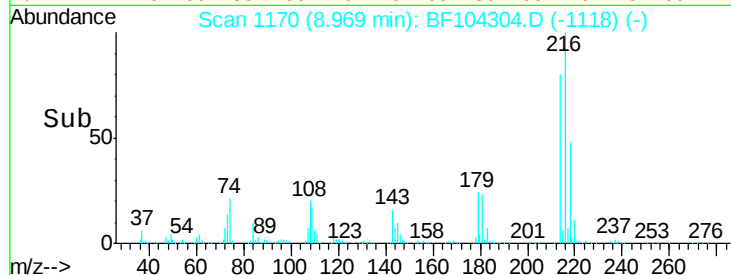
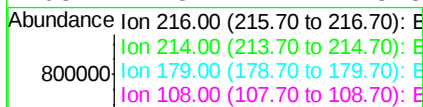
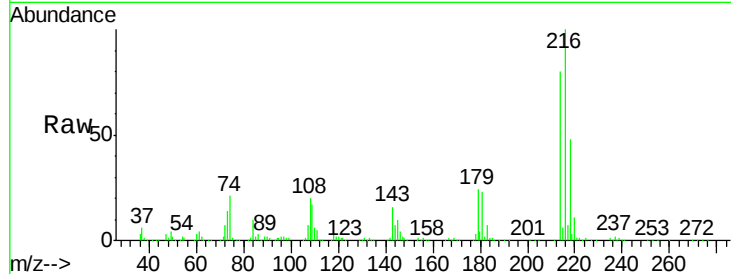
ClientSampleId :

SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
216	100	507951		
214	79.3	63.0	94.4	
179	22.8	18.1	27.1	
108	21.8	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 100.869 ng

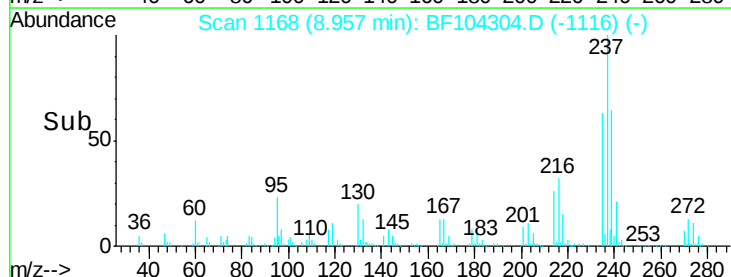
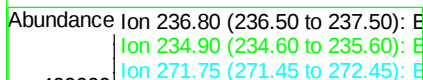
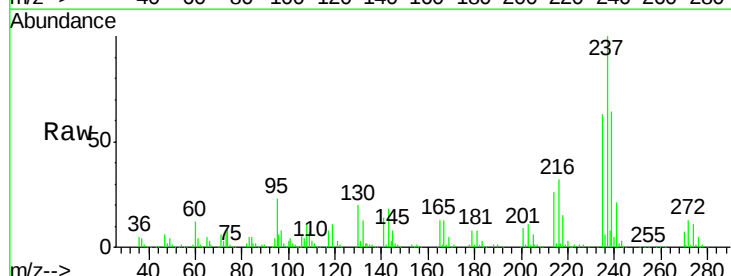
RT: 8.96 min Scan# 1168

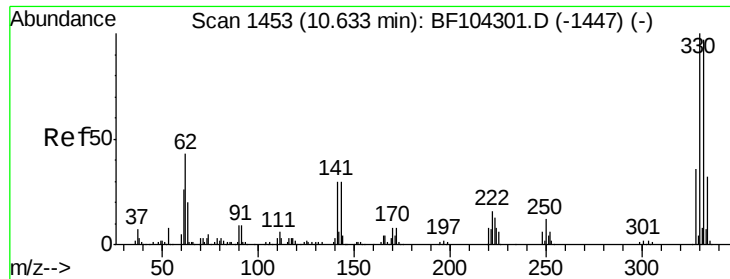
Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	323412		
235	62.5	44.8	84.8	
272	13.2	0.0	33.3	





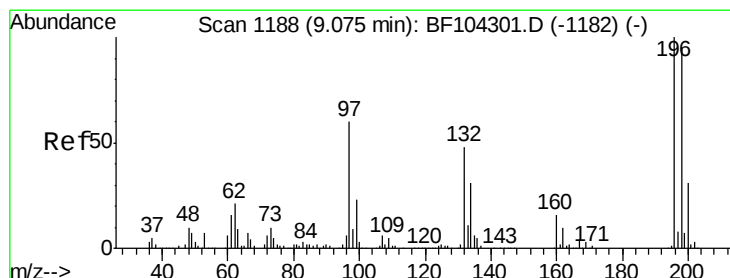
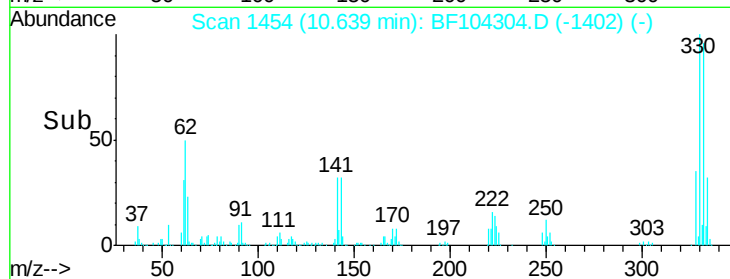
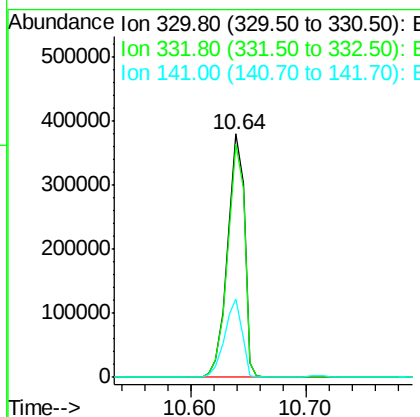
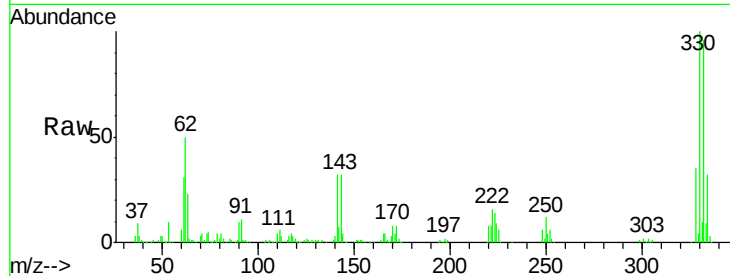
#41
 2,4,6-Tribromophenol
 Concen: 136.702 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	33.0	29.9	44.9	

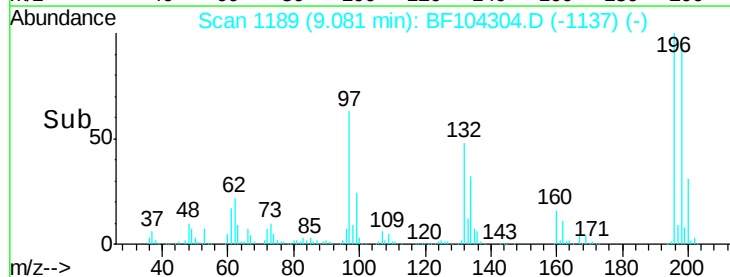
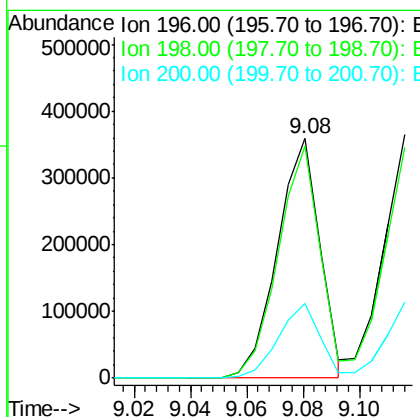
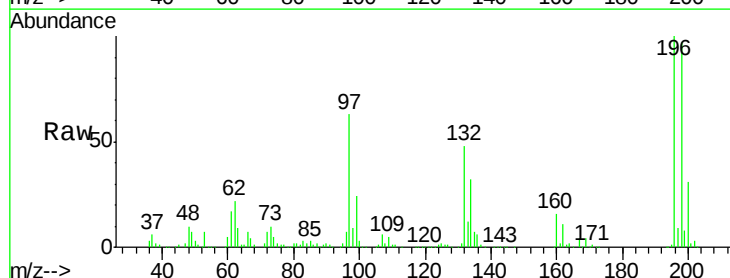
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#42
 2,4,6-Trichlorophenol
 Concen: 75.896 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.7	75.7	113.5	
200	31.1	24.5	36.7	





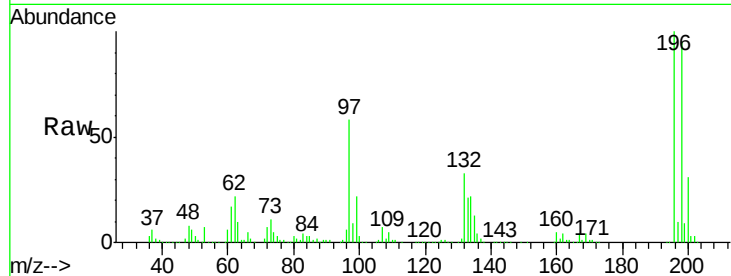
#43
 2,4,5-Trichlorophenol
 Concen: 70.743 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

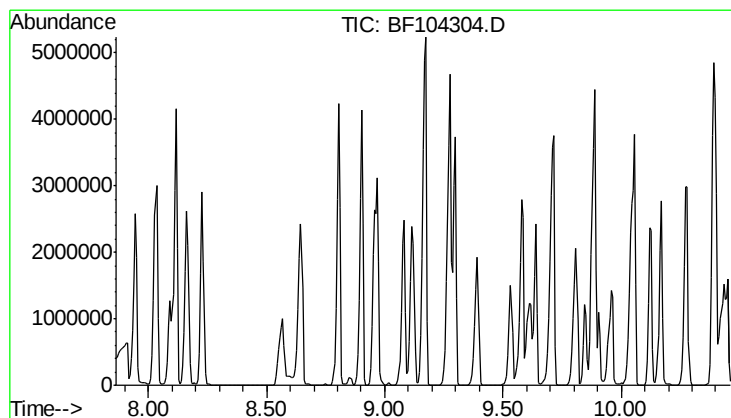
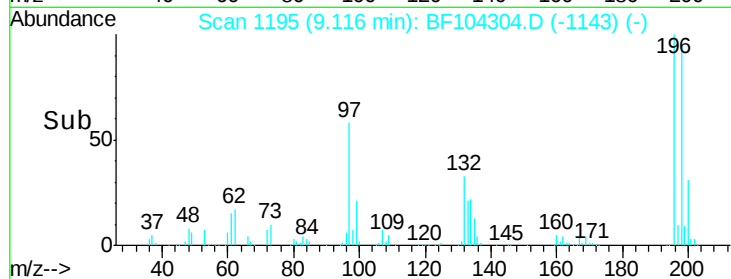
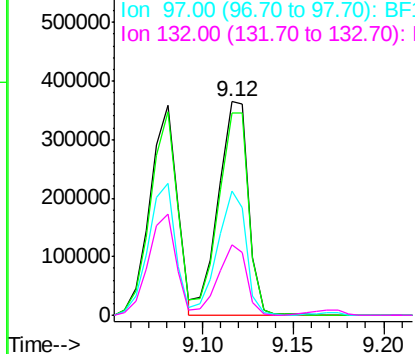
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		420953		
198	94.9	74.6	112.0		
97	57.9	42.9	64.3		
132	33.1	26.3	39.5		

Manual Integrations
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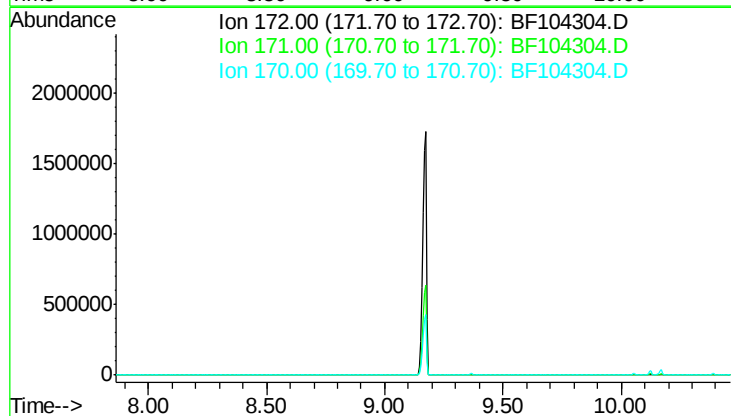


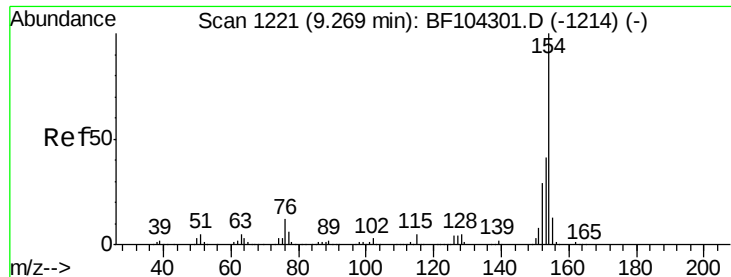
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.16 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion	Exp Ratio
172	100
171	37.1
170	24.5





#45

1,1'-Biphenyl

Concen: 65.448 ng

RT: 9.27 min Scan# 1222

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1425664

Ion Ratio Lower Upper

154 100

153 41.7 21.3 61.3

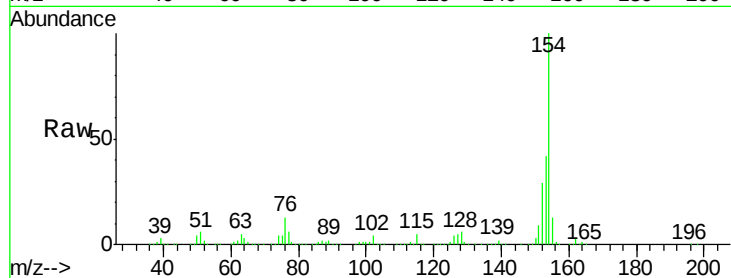
76 13.1 0.0 34.0

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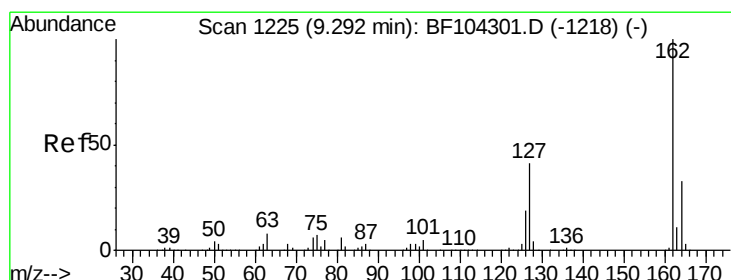
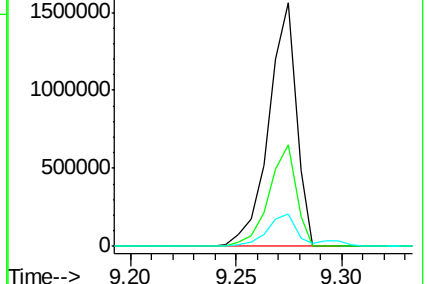
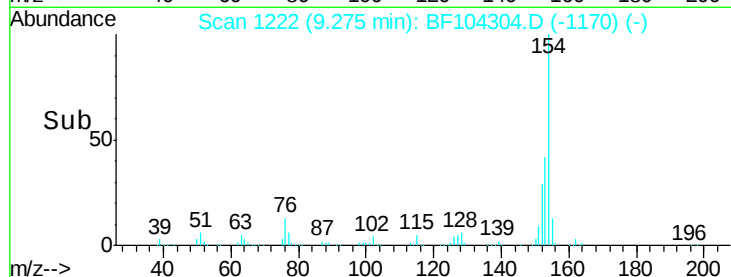
4/9/2018 11:18:18 AM



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: 68.257 ng

RT: 9.30 min Scan# 1226

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

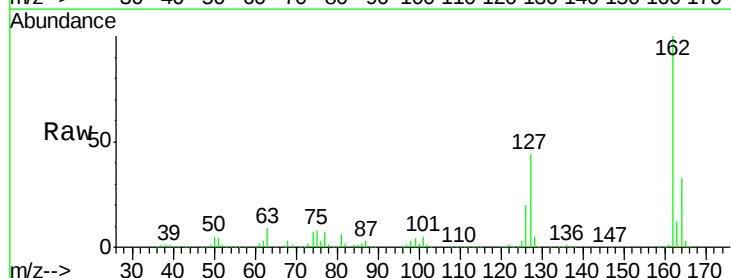
Tgt Ion:162 Resp: 1172843

Ion Ratio Lower Upper

162 100

127 43.8 33.9 50.9

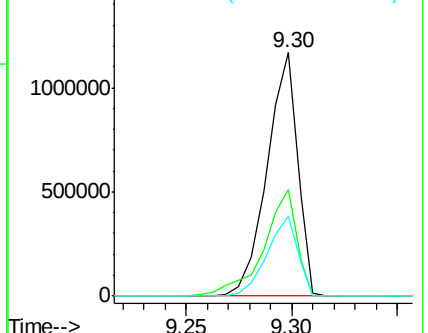
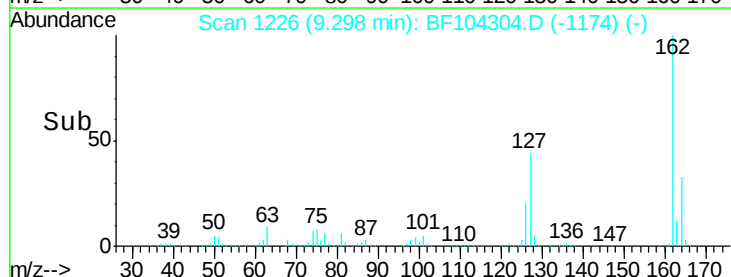
164 33.0 26.5 39.7

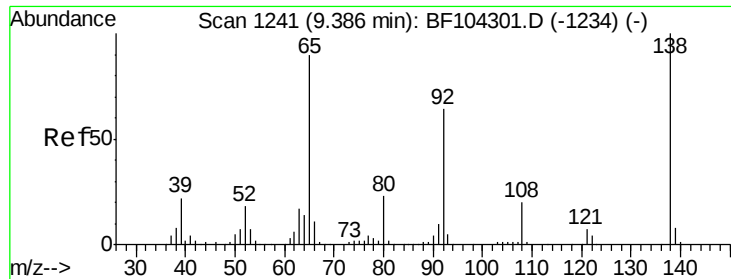


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





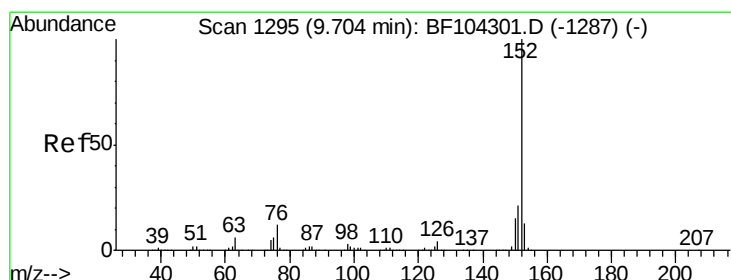
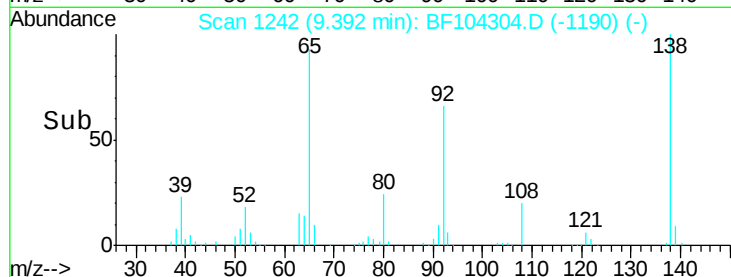
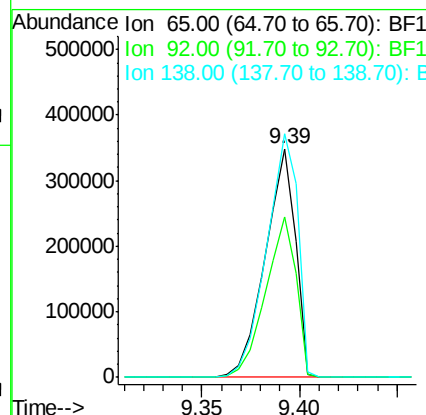
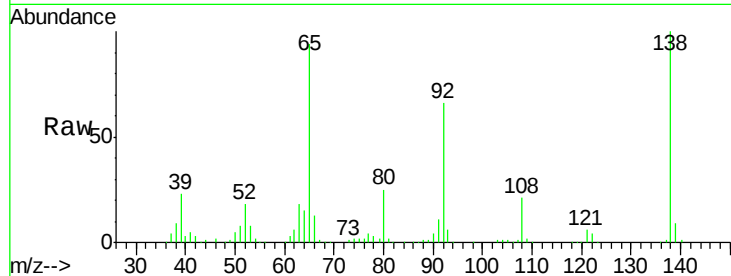
#47
2-Nitroaniline
Concen: 76.335 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	55.8	83.6
138	106.6	91.2	136.8

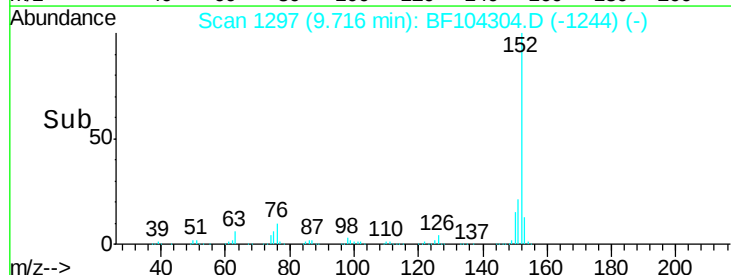
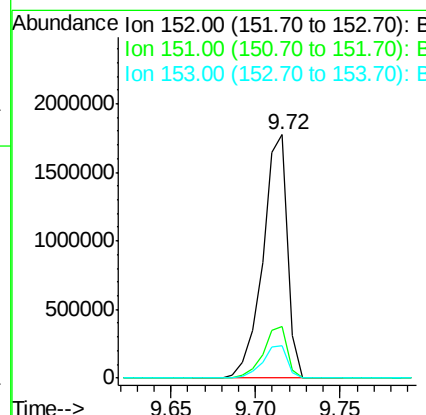
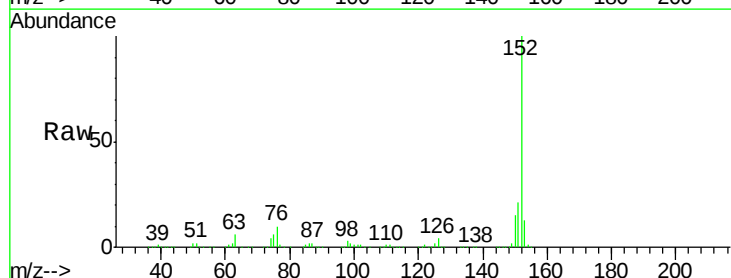
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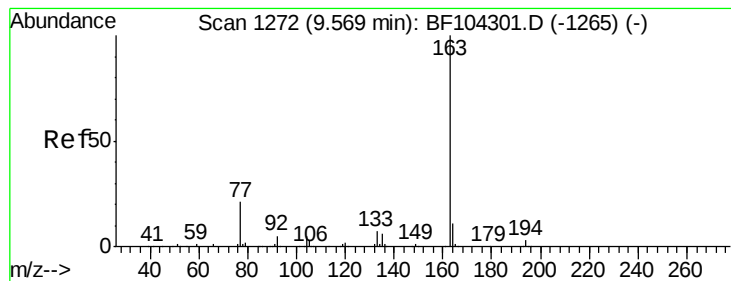
Sohil
4/9/2018 11:18:18 AM



#48
Acenaphthylene
Concen: 68.764 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.3	10.7	16.1





#49

Dimethylphthalate

Concen: 72.255 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:163 Resp: 1447872

Ion Ratio Lower Upper

163 100

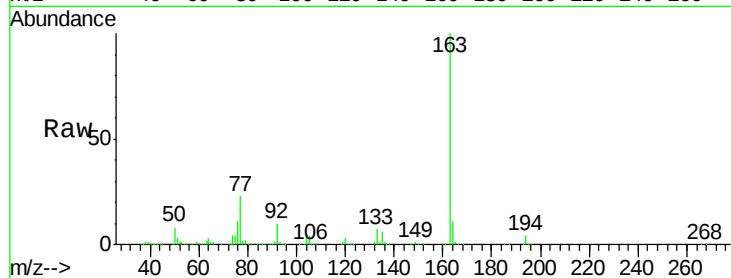
194 3.5 2.7 4.1

164 10.6 8.2 12.2

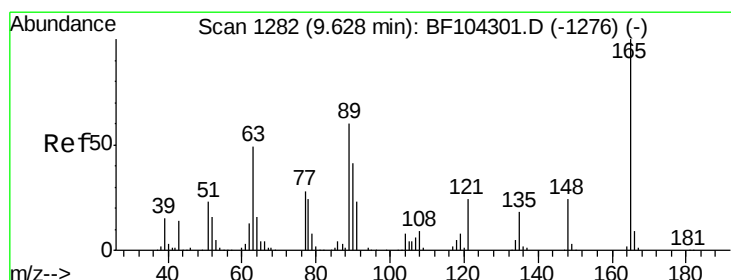
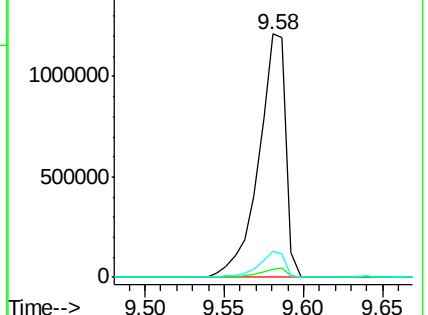
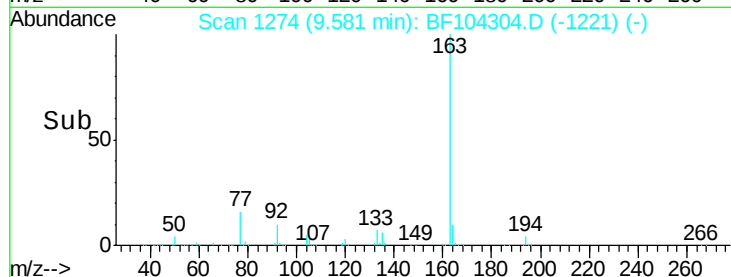
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 73.320 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

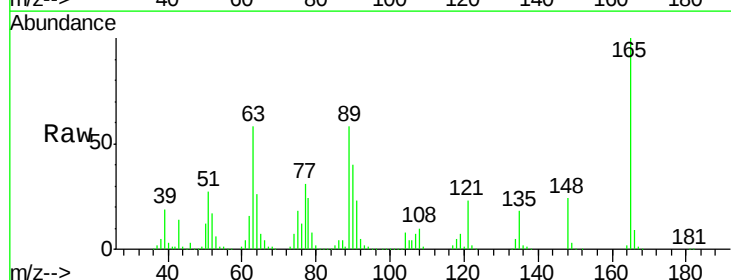
Tgt Ion:165 Resp: 316090

Ion Ratio Lower Upper

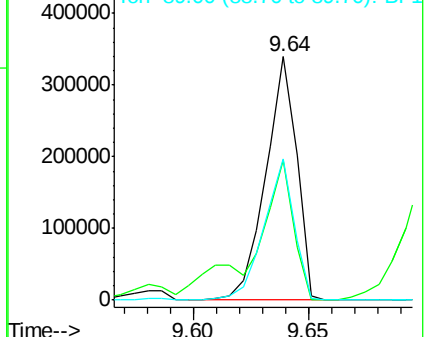
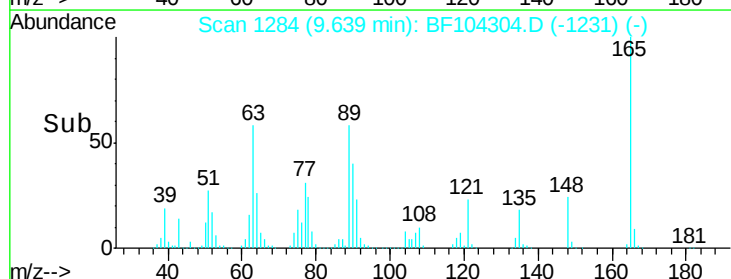
165 100

63 57.7 44.7 67.1

89 57.7 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: 75.021 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 1129726

Ion Ratio Lower Upper

154 100

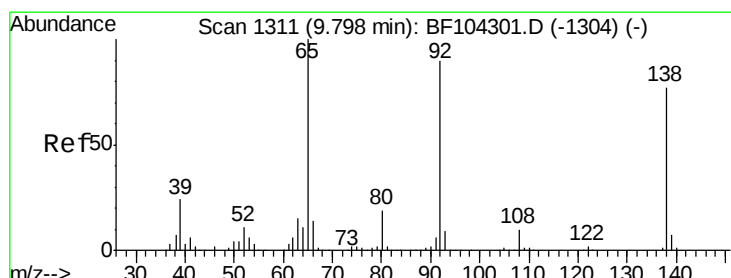
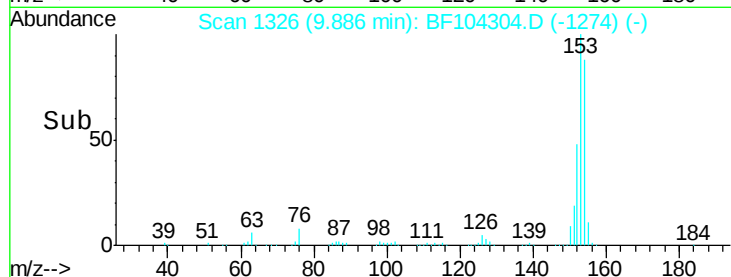
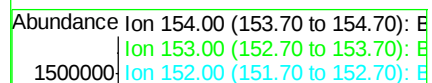
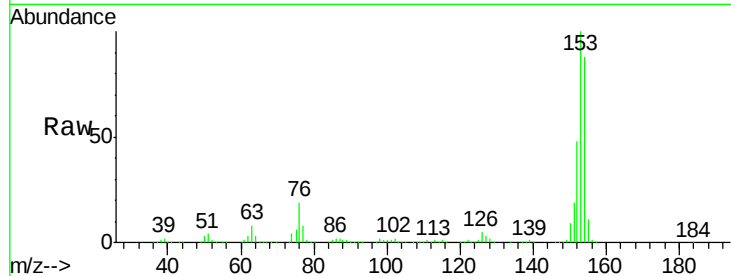
153 113.8 91.2 136.8

152 55.1 43.8 65.8

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#52

3-Nitroaniline

Concen: 74.668 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

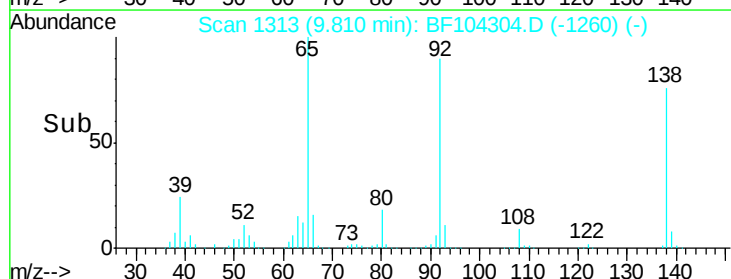
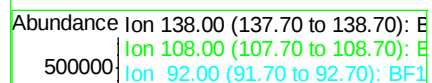
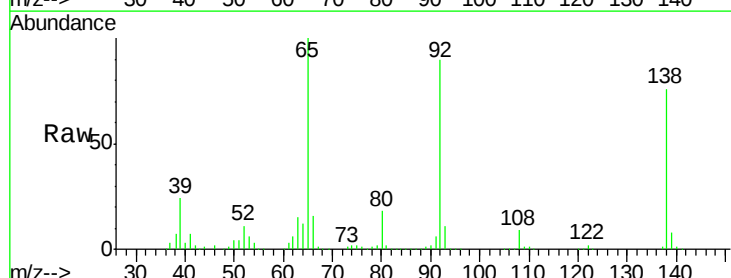
Tgt Ion:138 Resp: 370036

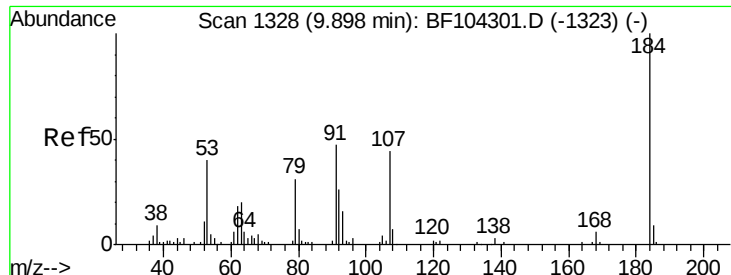
Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.0

92 117.5 89.4 134.2





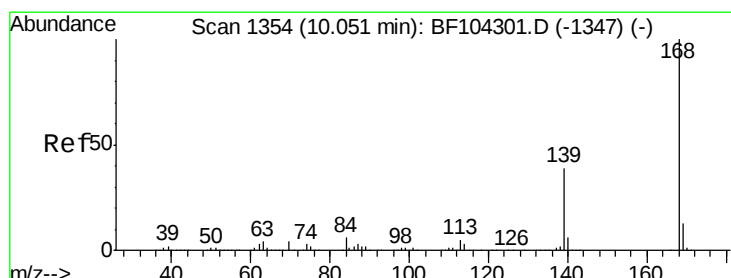
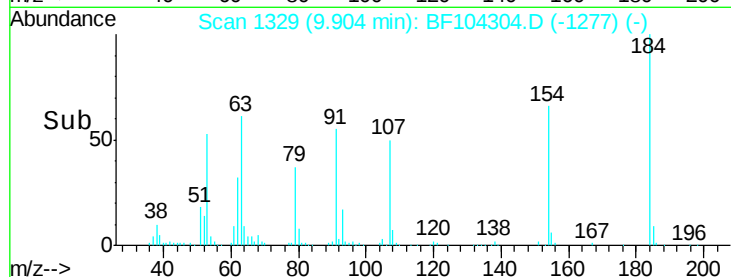
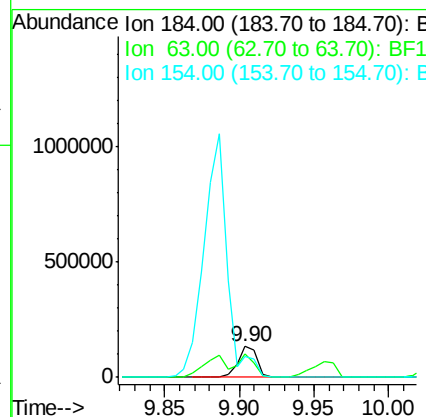
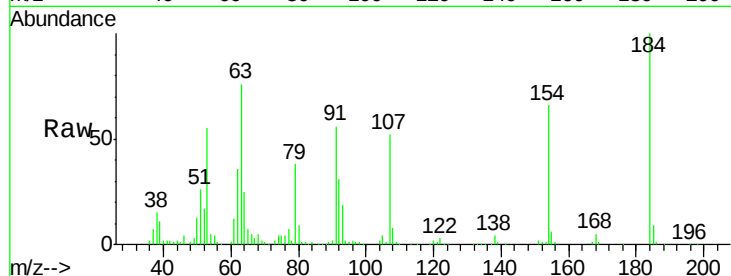
#53
2,4-Dinitrophenol
Concen: 74.441 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.5	54.2	81.2	
154	66.0	184.0	276.0	

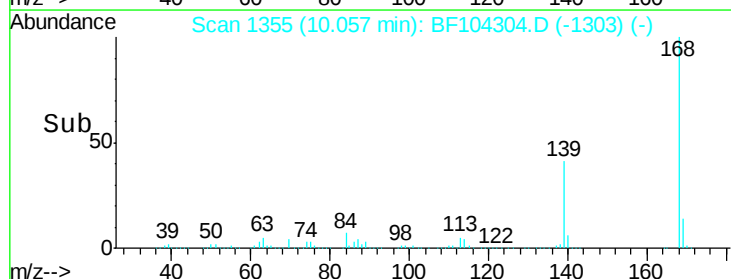
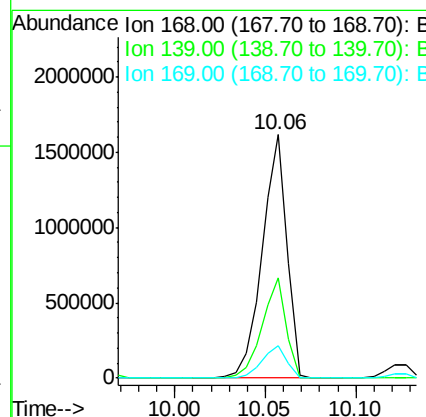
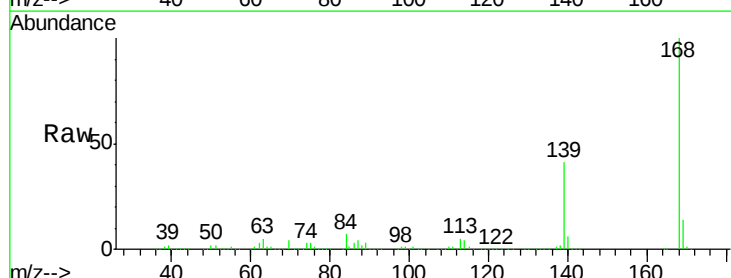
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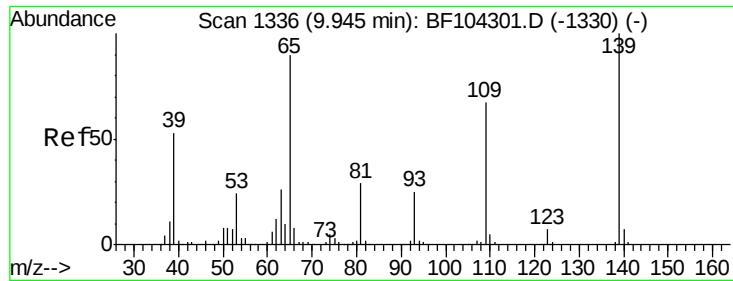
Sohil
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#54
Dibenzofuran
Concen: 69.299 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.2	30.1	45.1	
169	13.5	10.9	16.3	





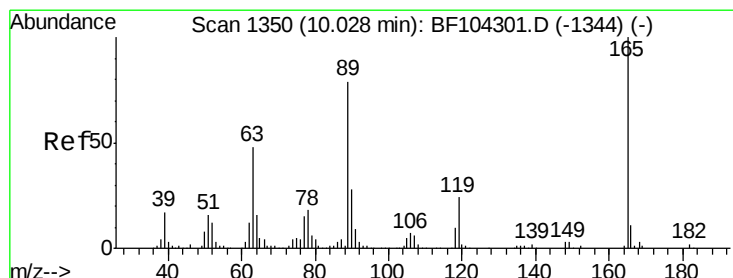
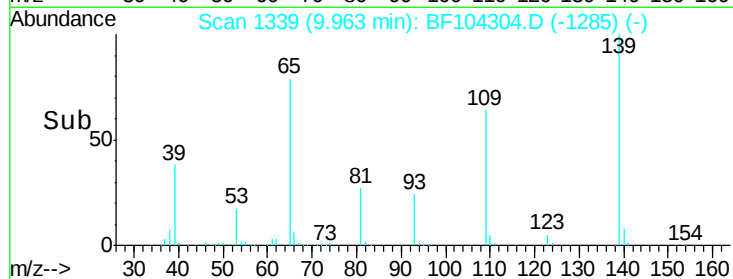
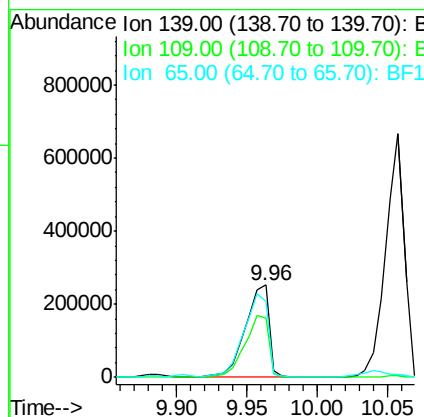
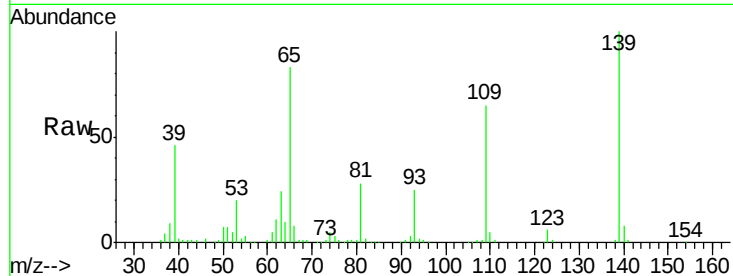
#55
4-Nitrophenol
Concen: 99.281 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.02 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.9	48.4	88.4
65	83.1	72.6	112.6

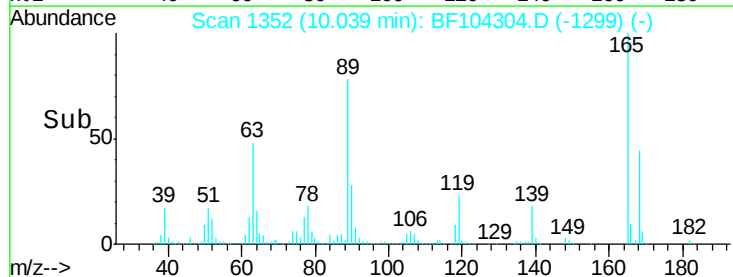
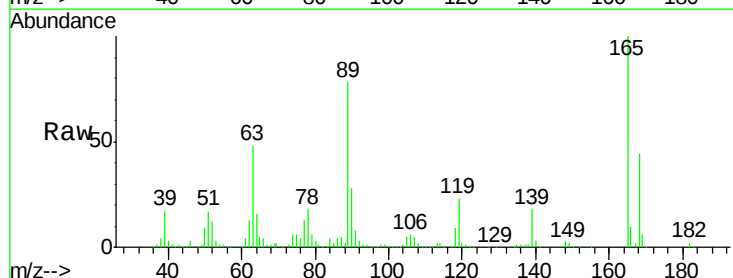
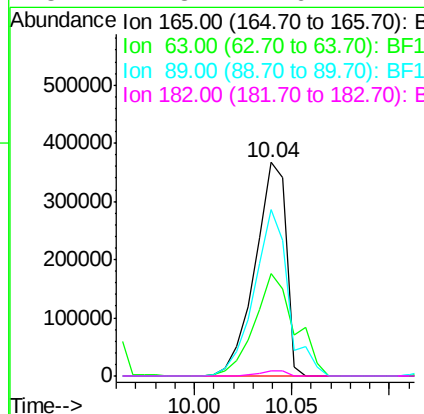
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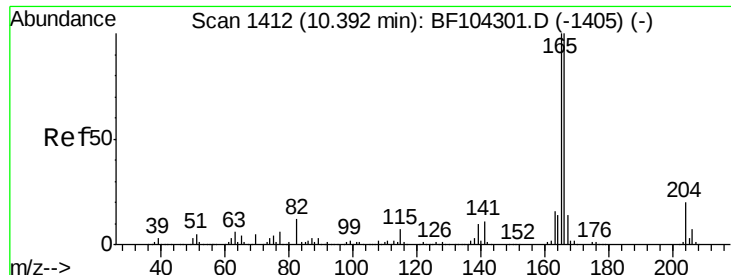
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#56
2,4-Dinitrotoluene
Concen: 73.563 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.2	36.4	54.6
89	77.6	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 61.190 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion:166 Resp: 1109958

Ion Ratio Lower Upper

166 100

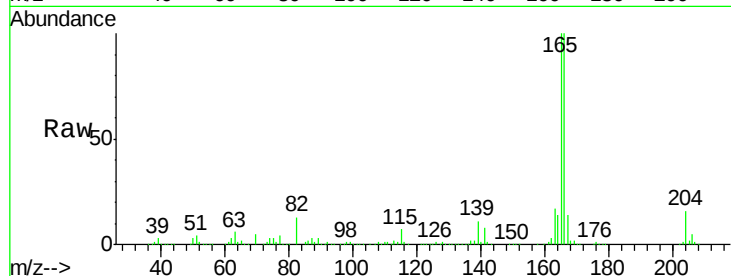
165 100.0 79.8 119.8

167 13.7 10.6 16.0

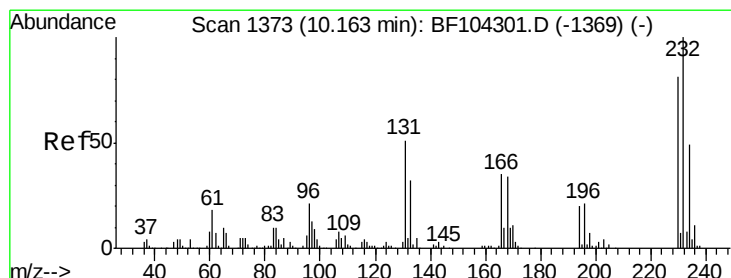
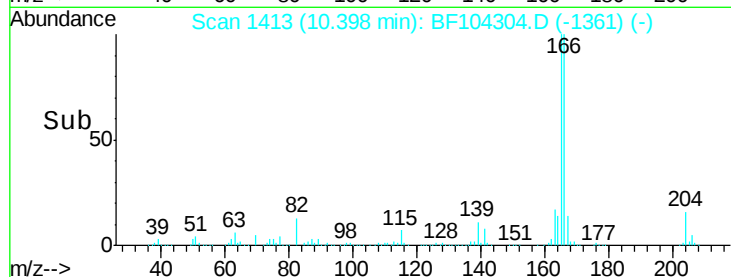
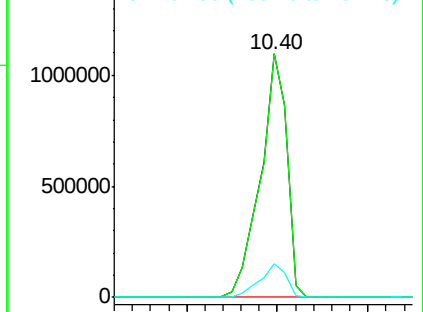
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 68.361 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tgt Ion:232 Resp: 304765

Ion Ratio Lower Upper

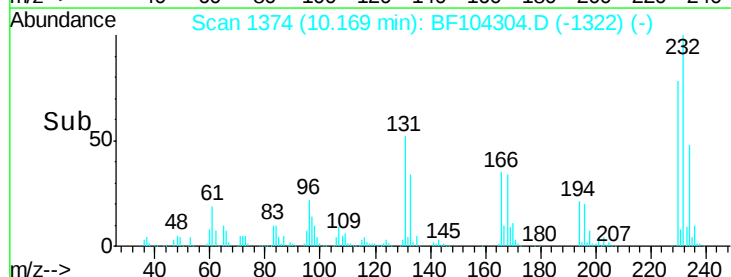
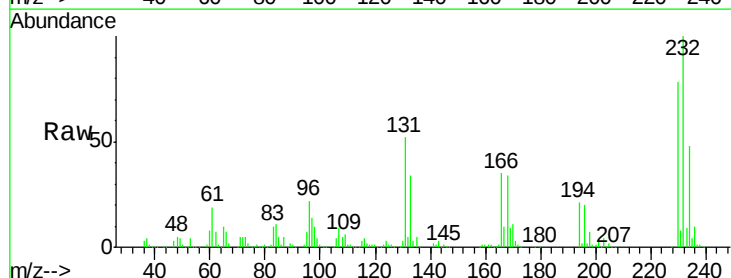
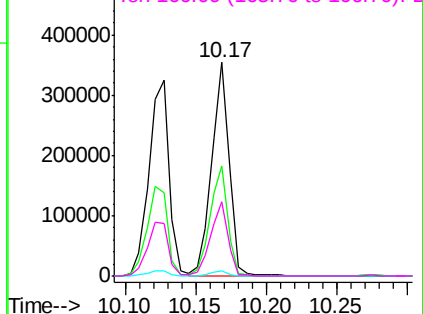
232 100

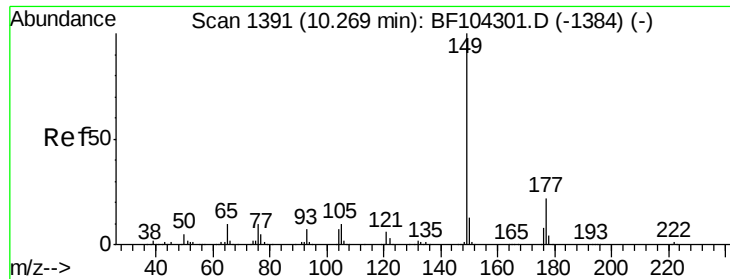
131 52.7 43.8 65.8

130 2.5 2.1 3.1

166 34.8 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





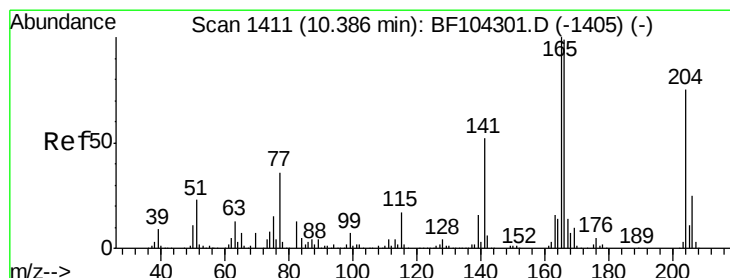
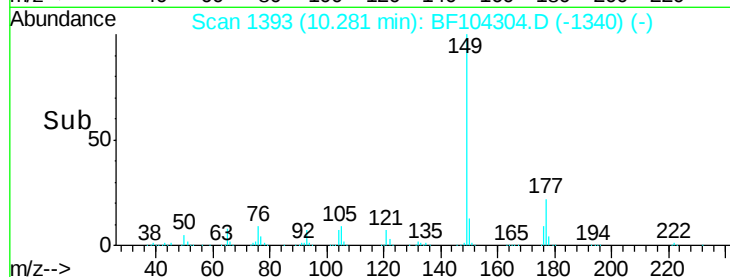
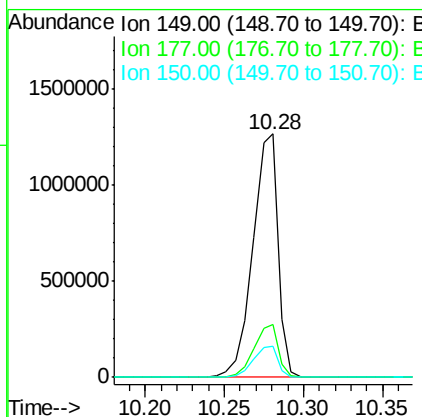
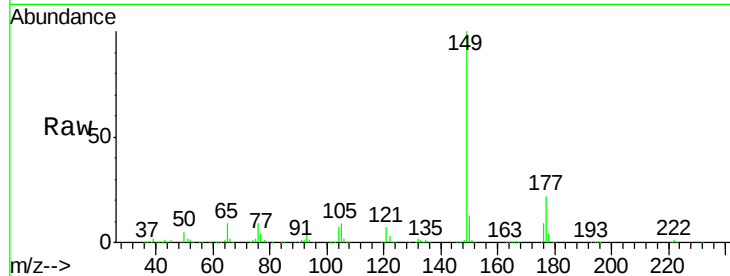
#59
Diethylphthalate
Concen: 72.770 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 1396939
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.7 10.1 15.1

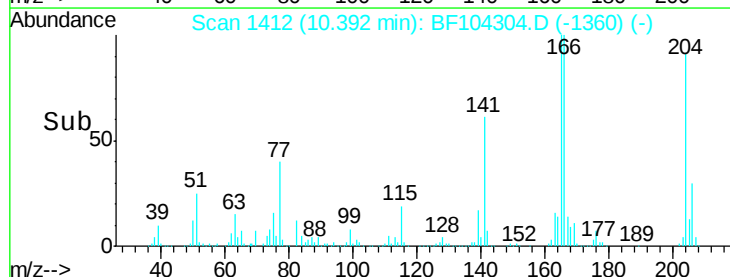
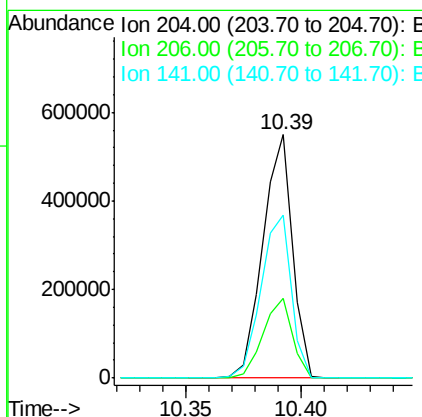
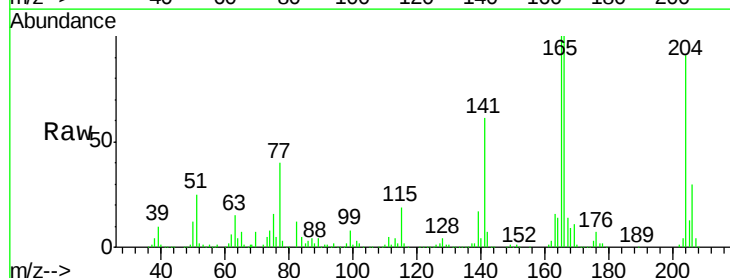
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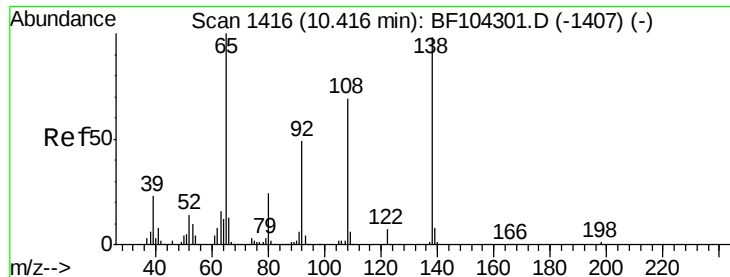
Sohil
4/9/2018 11:18:18 AM



#60
4-Chlorophenyl-phenylether
Concen: 58.966 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:204 Resp: 491267
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 67.1 54.6 81.8





#61

4-Nitroaniline

Concen: 77.868 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.02 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:138 Resp: 361080

Ion Ratio Lower Upper

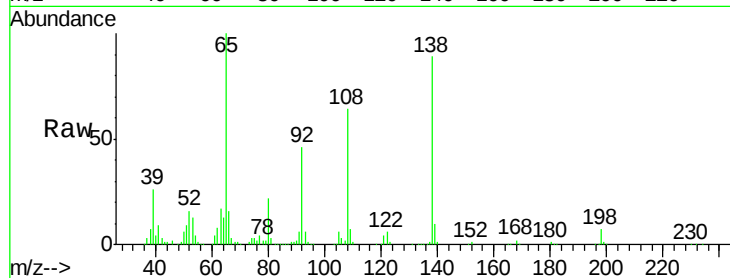
138 100

92 51.2 30.2 70.2

108 72.5 52.5 92.5

Manual Integrations
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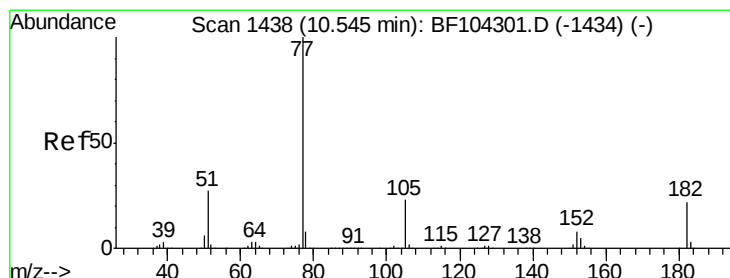
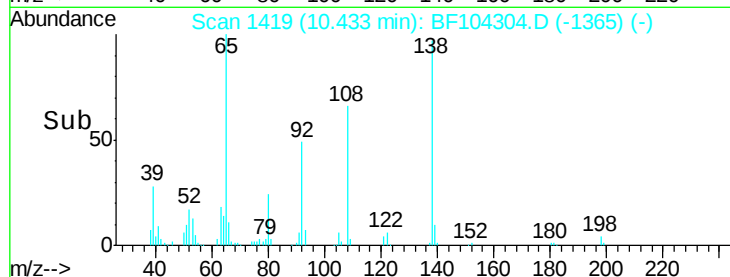
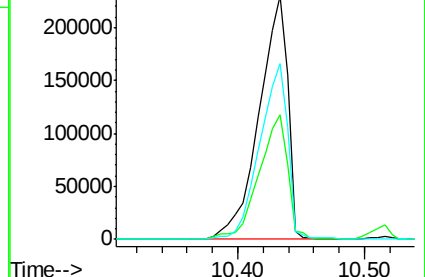
Sohil
4/9/2018 11:18:18 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 77.501 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Tgt Ion: 77 Resp: 1345274

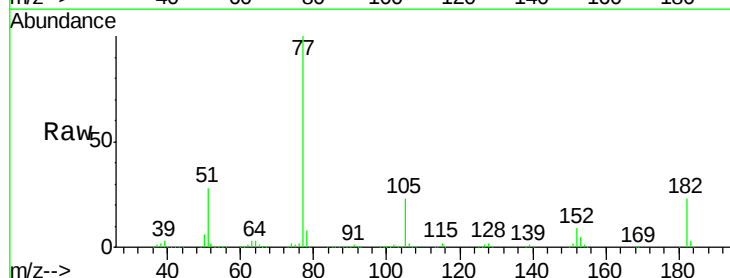
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 22.8 3.0 43.0

51 27.9 9.9 49.9

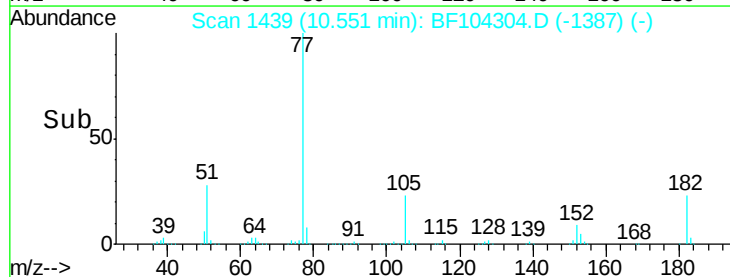
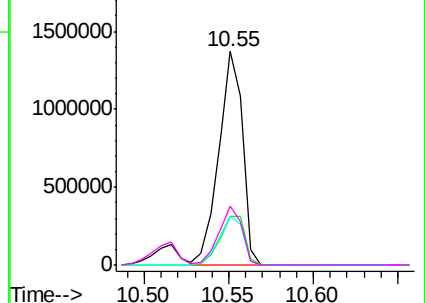


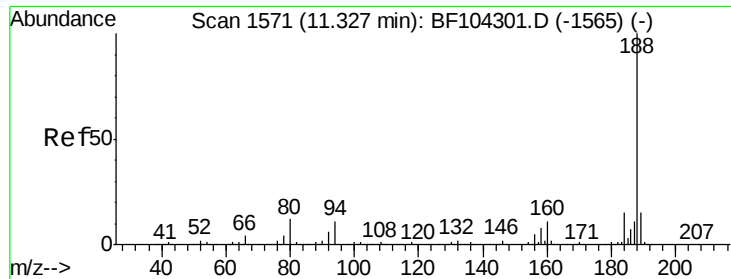
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





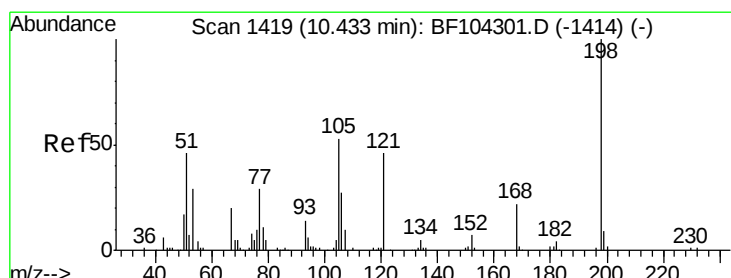
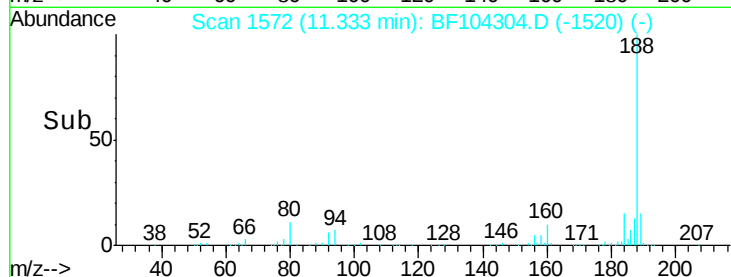
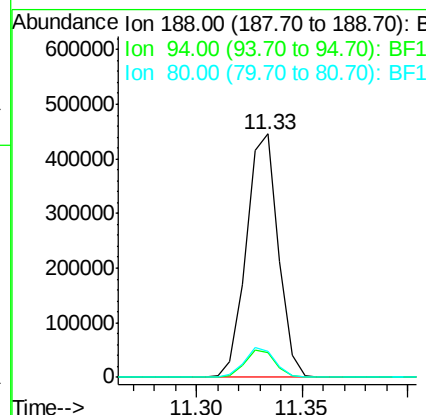
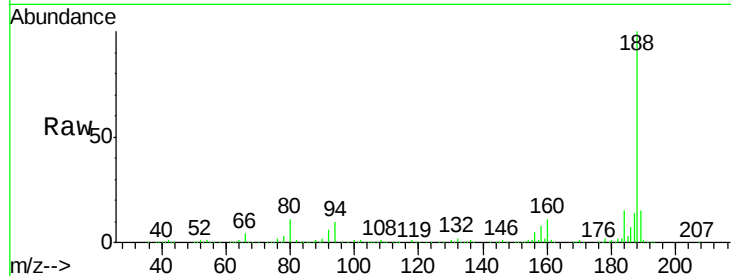
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
188	100	466029		
94	10.1		8.5	12.7
80	10.9		9.2	13.8

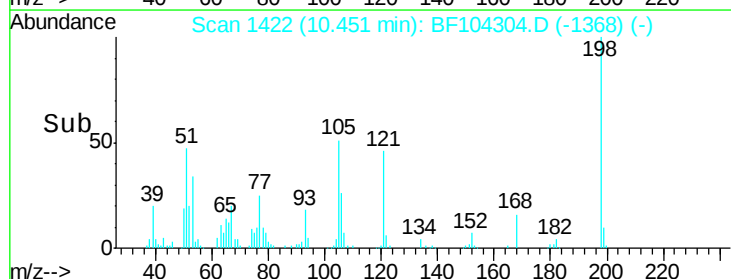
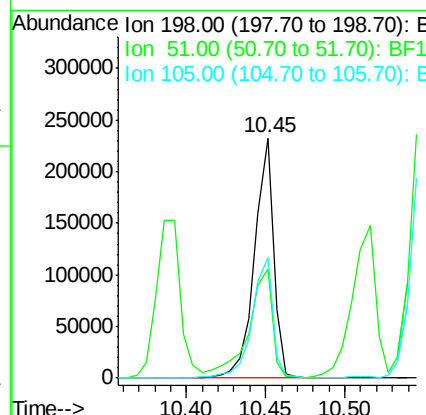
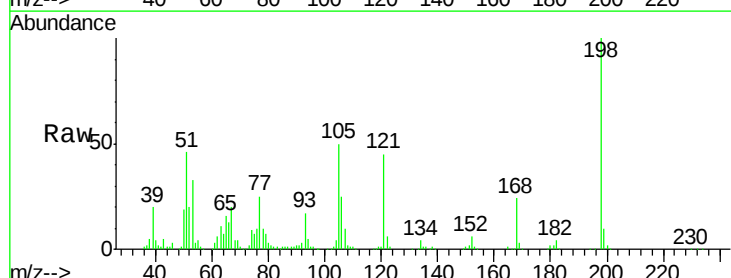
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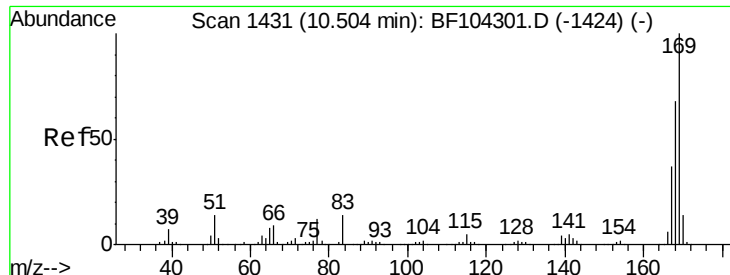
Sohil
4/9/2018 11:18:18 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 69.376 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.02 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	195709		
51	45.7		37.7	77.7
105	50.1		36.3	76.3





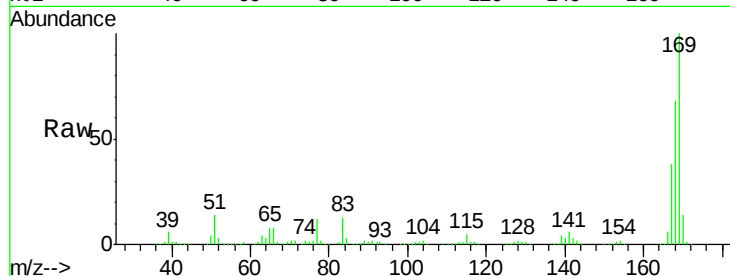
#65
n-Nitrosodiphenylamine
Concen: 70.189 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

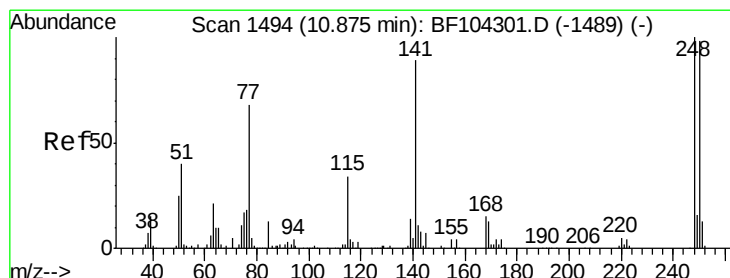
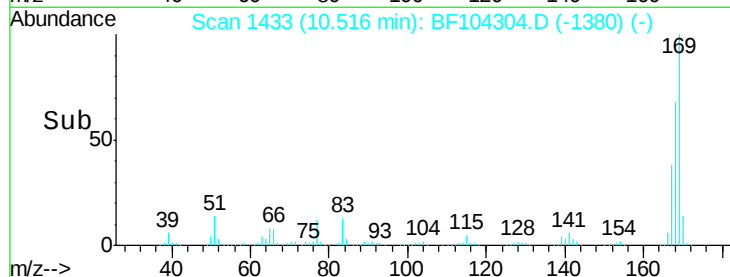
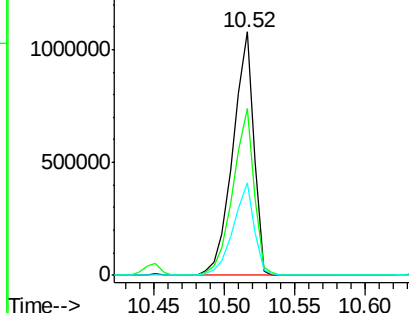
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.4	81.6
167	37.8	29.8	44.6

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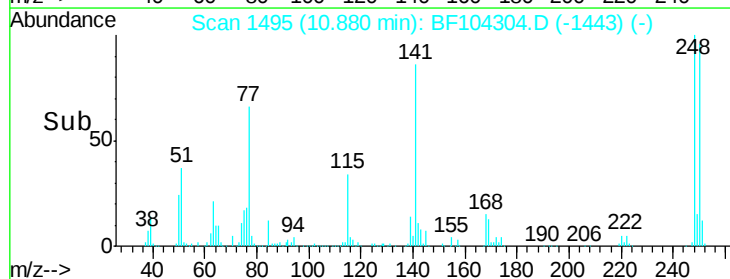
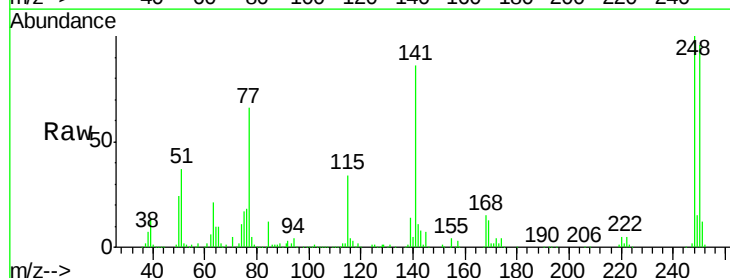
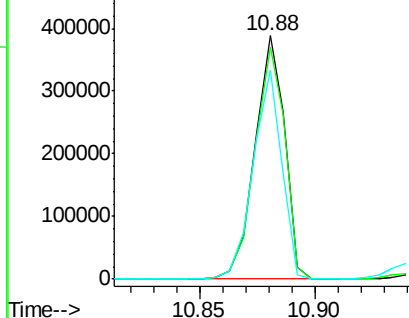
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

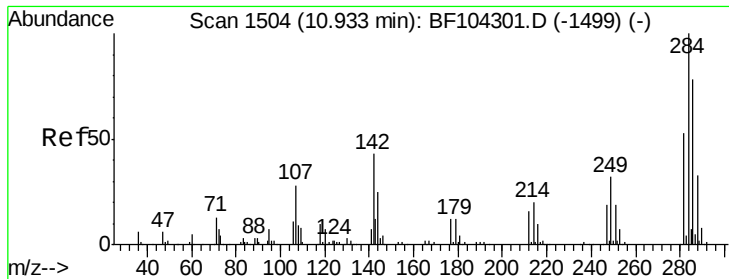


#66
4-Bromophenyl-phenylether
Concen: 70.063 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	76.9	115.3
141	85.8	74.4	111.6

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





#67

Hexachlorobenzene

Concen: 68.964 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

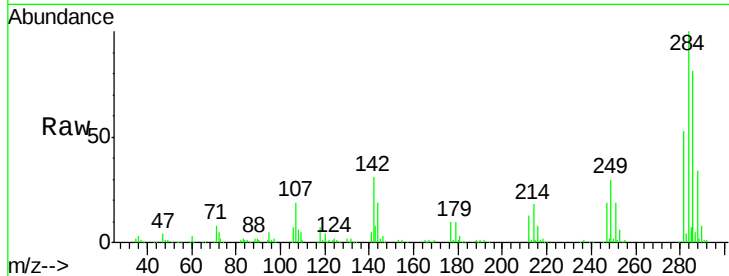
ClientSampleId :

SSTDIC080

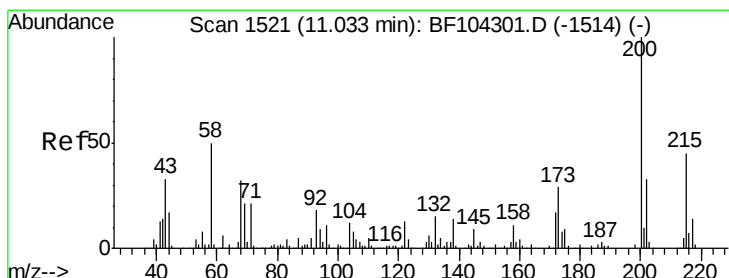
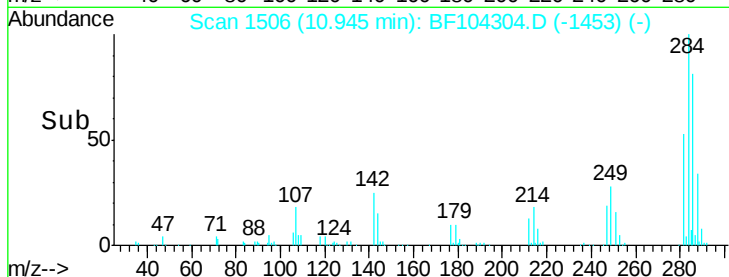
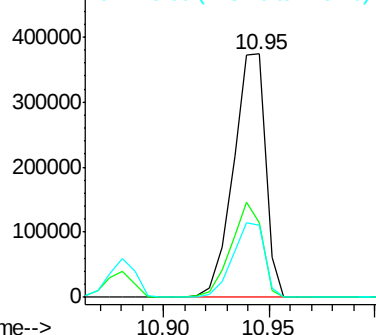
Tot Ion:	284	Resp:	395525
Ion Ratio	Lower	Upper	
284	100		
142	30.5	34.6	52.0#
249	29.7	24.8	37.2

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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: 64.118 ng

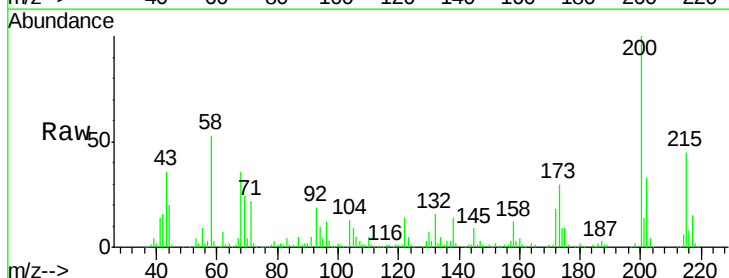
RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

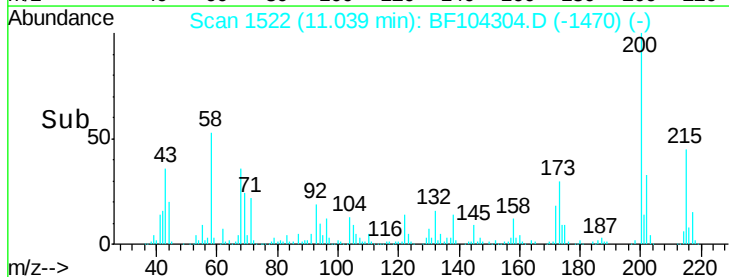
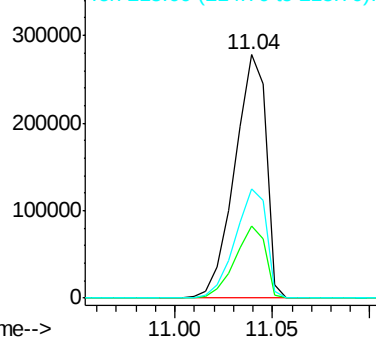
Lab File: BF104304.D

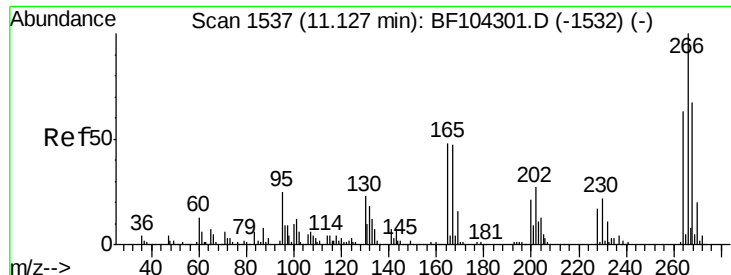
Acq: 6 Apr 2018 14:13

Tgt Ion:	200	Resp:	310025
Ion Ratio	Lower	Upper	
200	100		
173	29.8	8.6	48.6
215	44.6	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





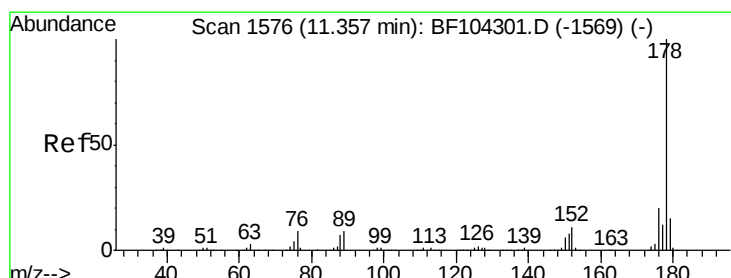
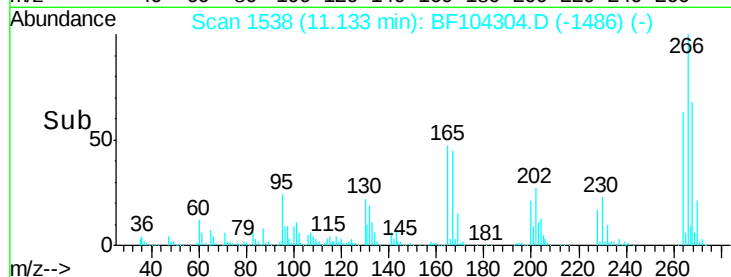
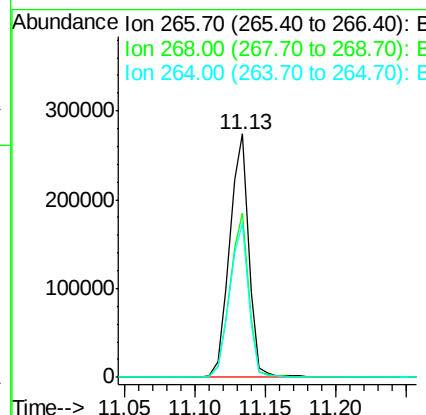
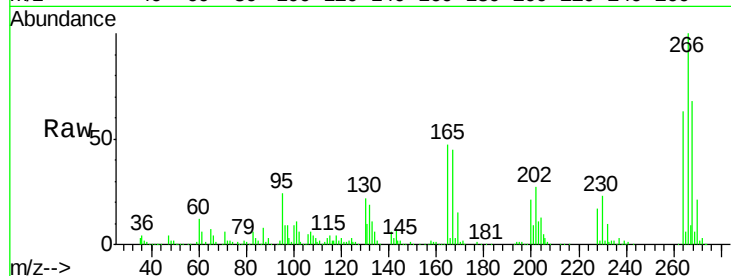
#69
 Pentachlorophenol
 Concen: 82.124 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
266	100	259181		
268	67.7	51.1	76.7	
264	63.4	49.5	74.3	

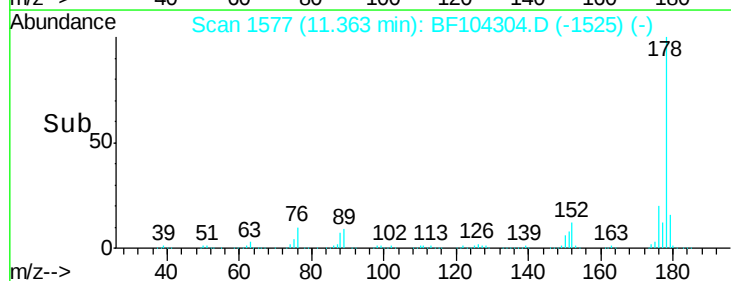
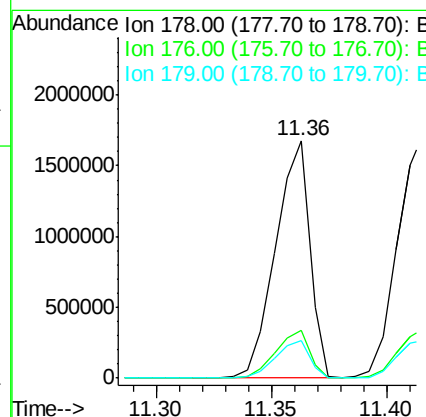
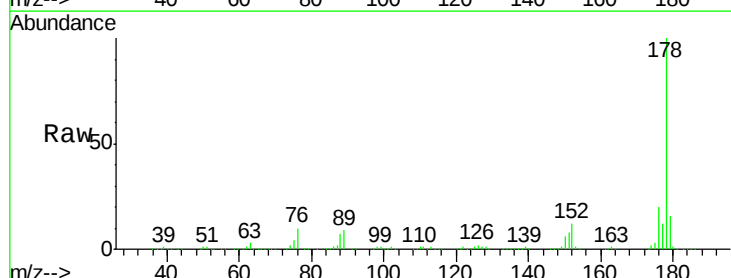
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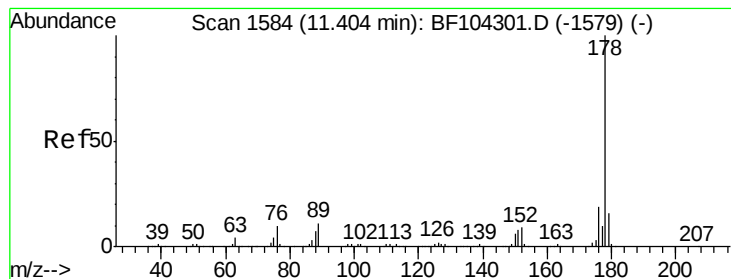
Sohil
 4/9/2018 11:18:18 AM



#70
 Phenanthrene
 Concen: 68.330 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1724065		
176	20.3	15.8	23.8	
179	15.7	13.0	19.6	





#71

Anthracene

Concen: 66.038 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 1740438

Ion Ratio Lower Upper

178 100

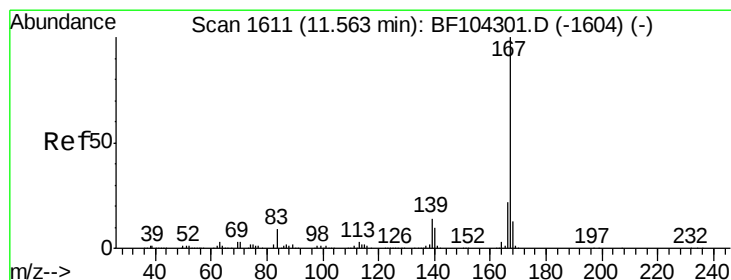
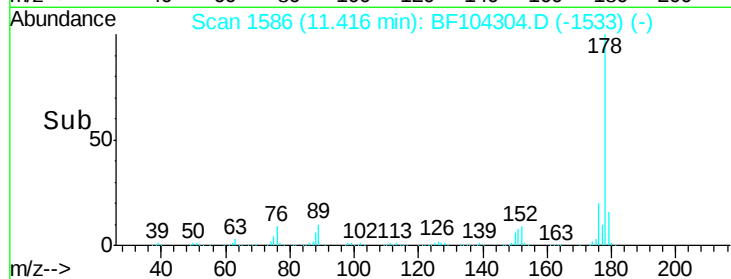
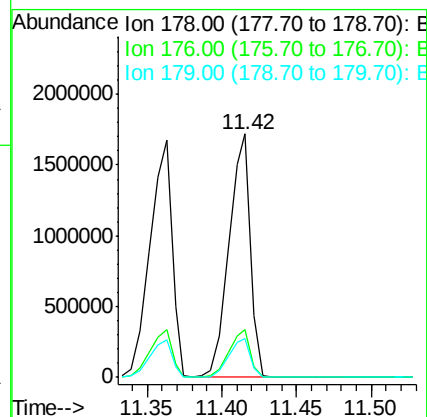
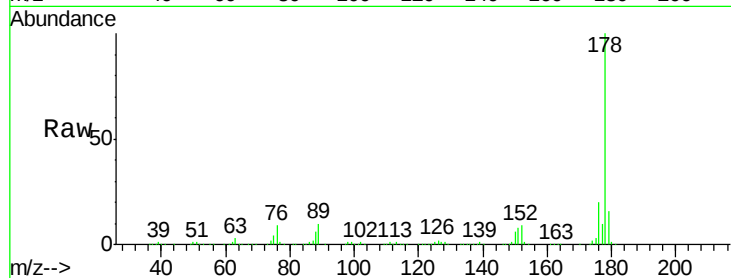
176 19.8 15.4 23.2

179 15.7 12.6 19.0

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#72

Carbazole

Concen: 68.683 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

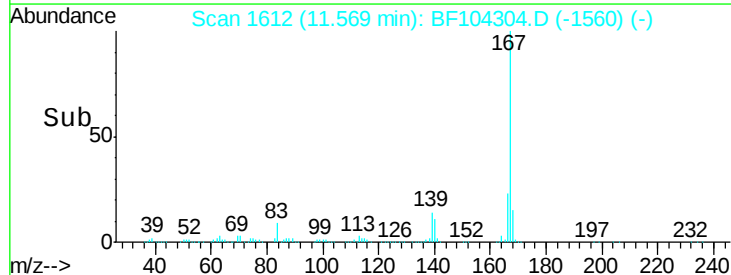
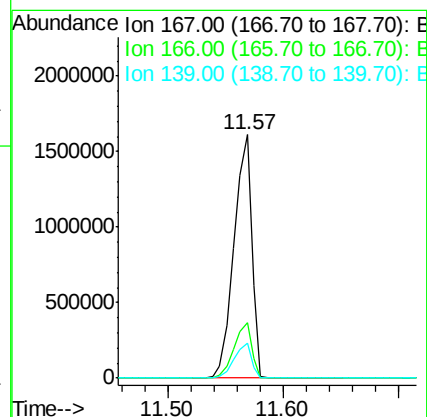
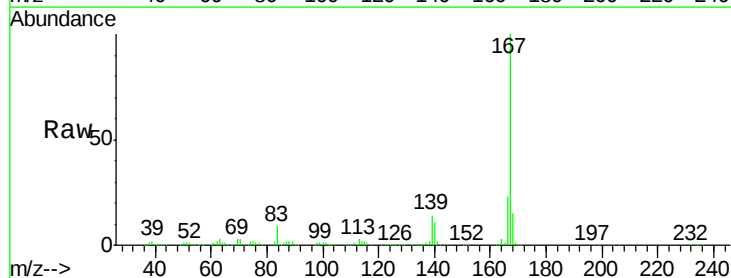
Tgt Ion:167 Resp: 1727645

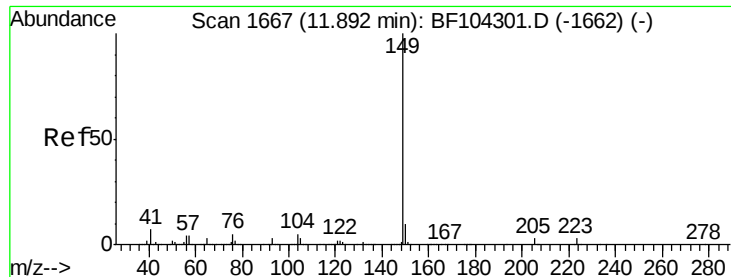
Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

139 14.4 10.9 16.3





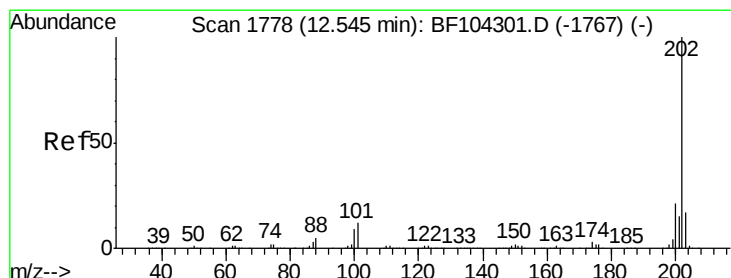
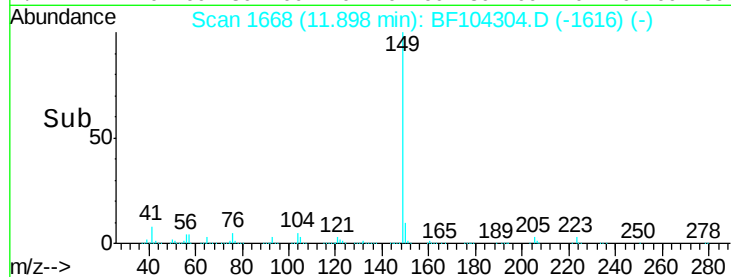
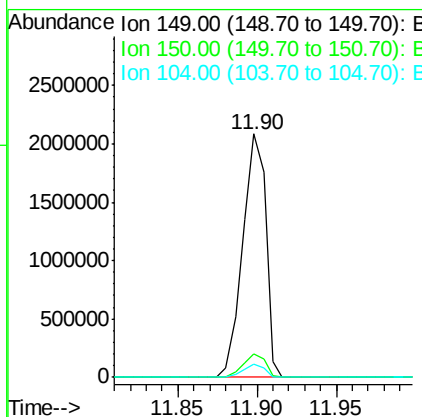
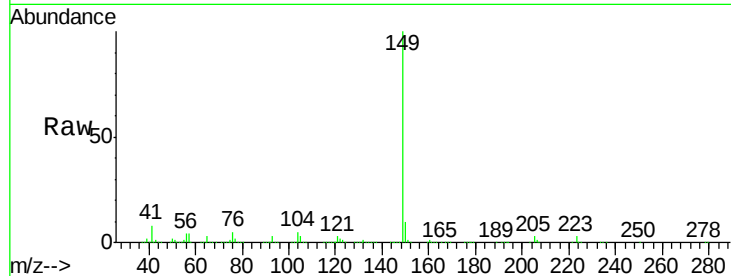
#73
Di-n-butylphthalate
Concen: 70.044 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 2098673
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.5 3.8 5.8

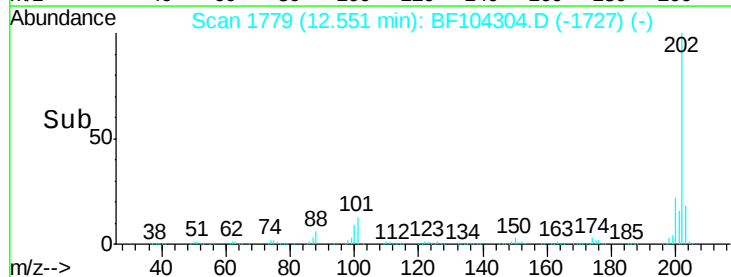
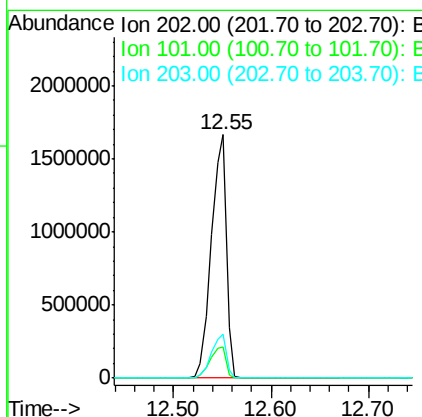
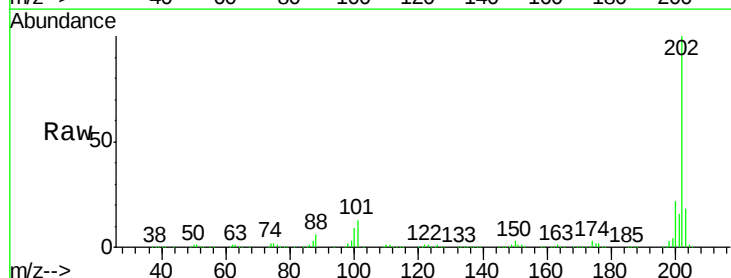
Manual Integrations
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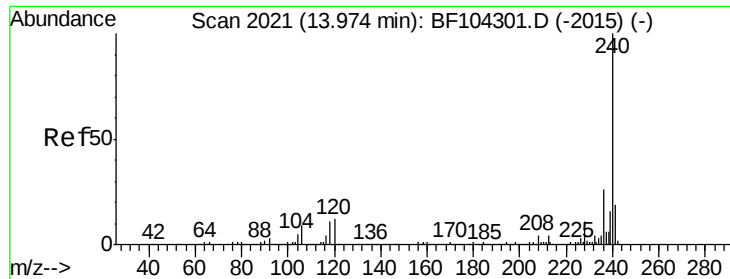
Sohil
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#74
Fluoranthene
Concen: 66.182 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:202 Resp: 1774972
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.1
203 18.2 0.0 38.1





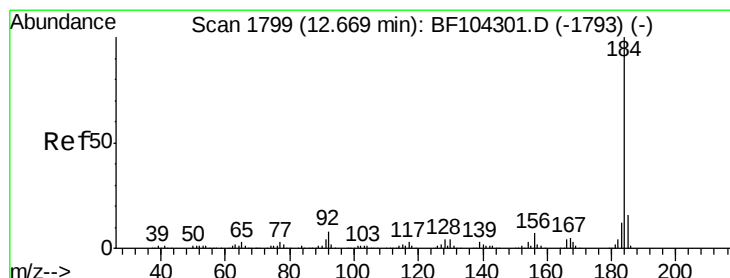
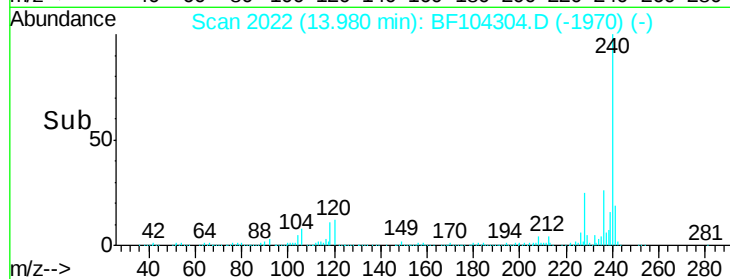
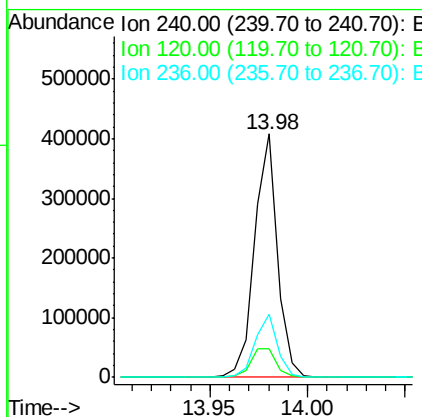
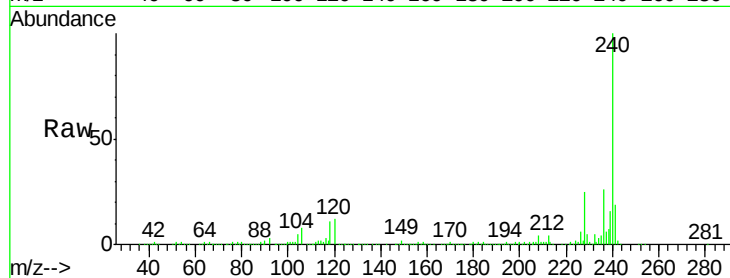
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.8	20.7	31.1

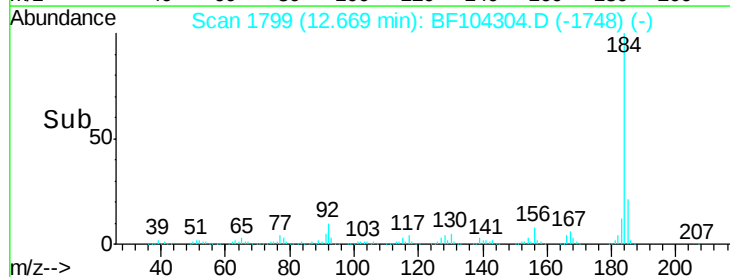
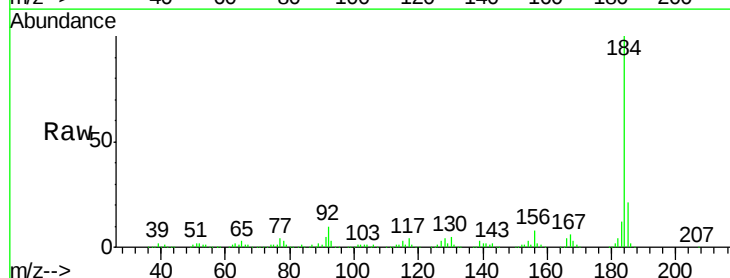
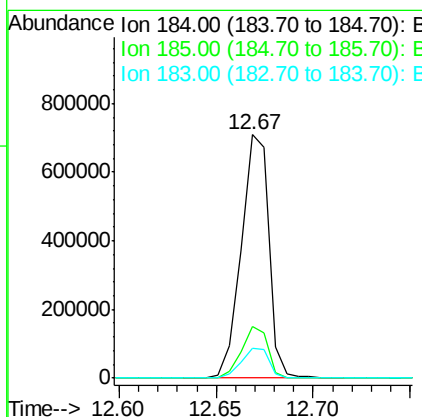
Manual Integrations
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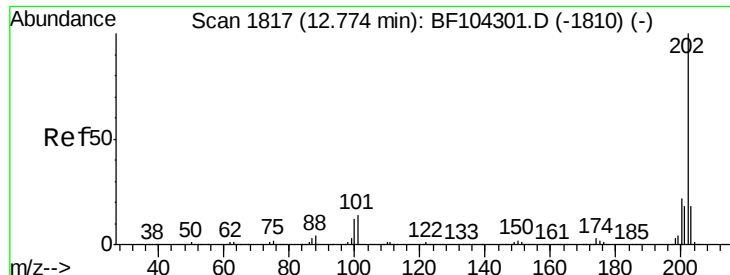
Sohil
4/9/2018 11:18:18 AM



#76
Benzidine
Concen: 73.817 ng m
RT: 12.67 min Scan# 1799
Delta R.T. 0.00 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.3	12.6	18.8#
183	12.4	9.3	13.9





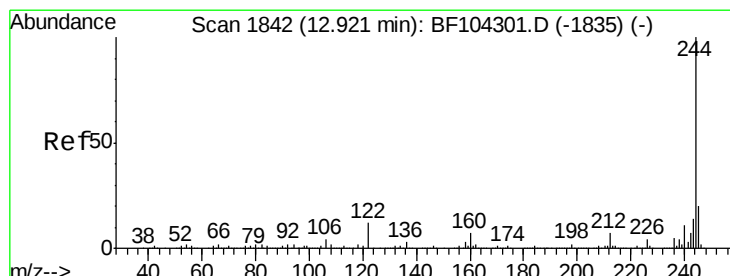
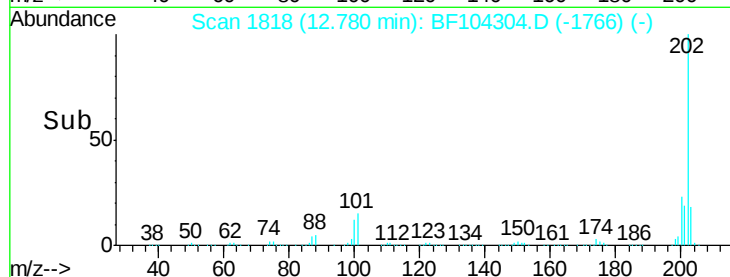
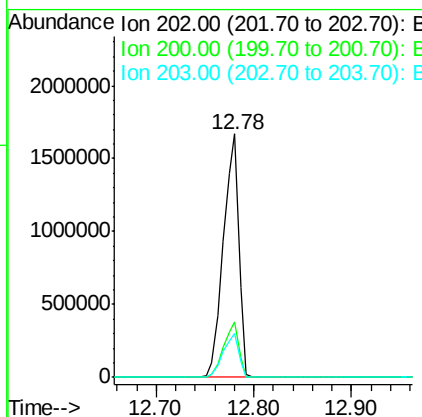
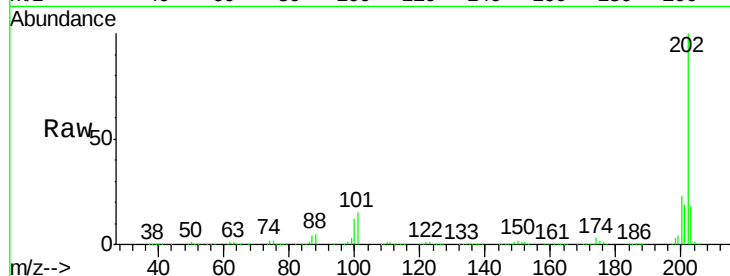
#77
Pvrene
Concen: 76.891 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:202 Resp: 1836550
Ion Ratio Lower Upper
202 100
200 22.8 17.4 26.2
203 18.1 14.3 21.5

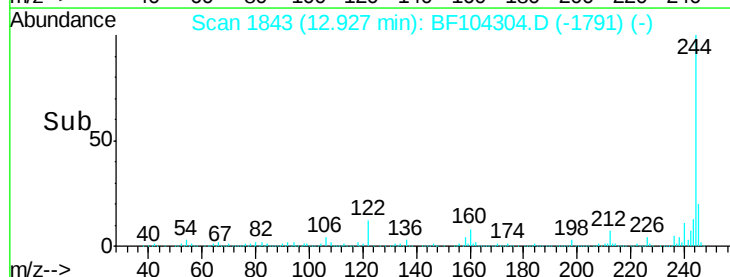
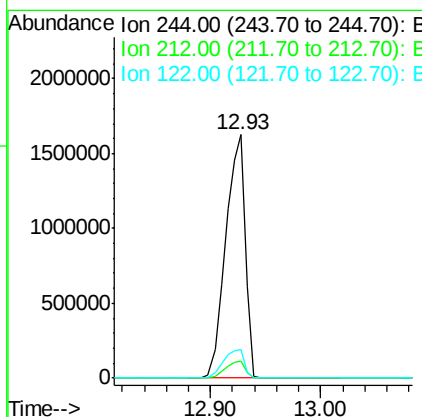
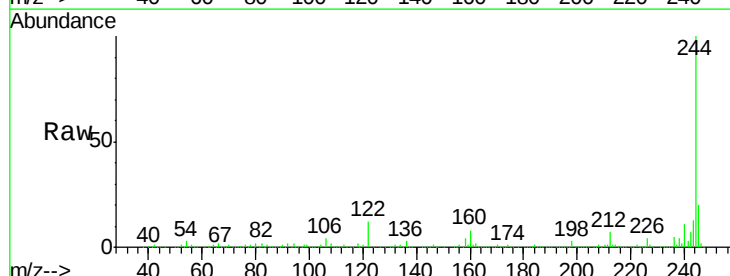
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#78
Terphenyl-d14
Concen: 139.773 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion:244 Resp: 2011365
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.7 11.0 16.4





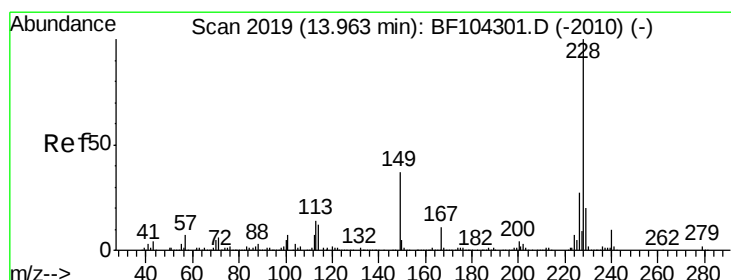
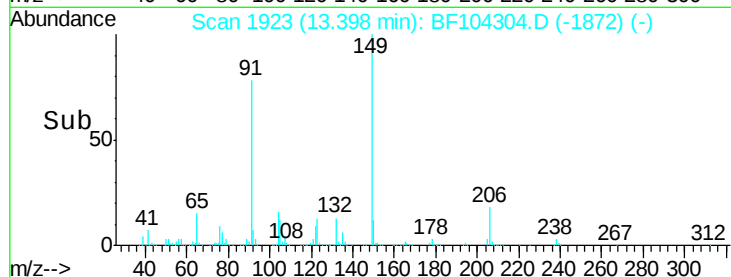
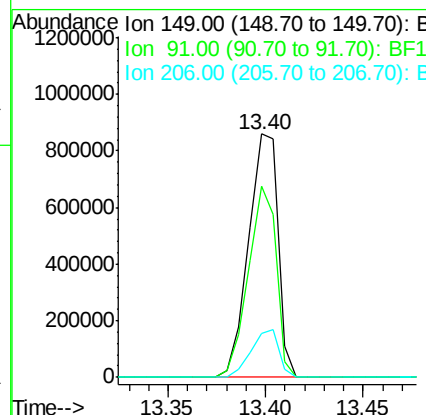
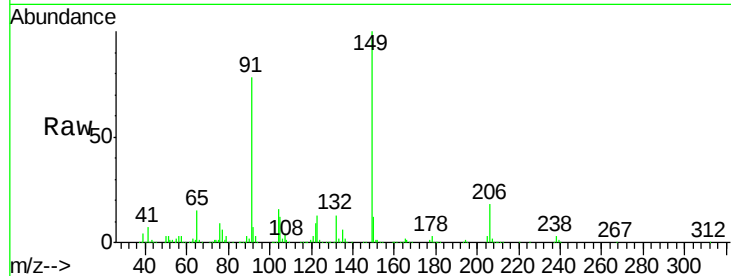
#79
Butylbenzylphthalate
Concen: 79.968 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.3	56.8	85.2
206	18.0	14.1	21.1

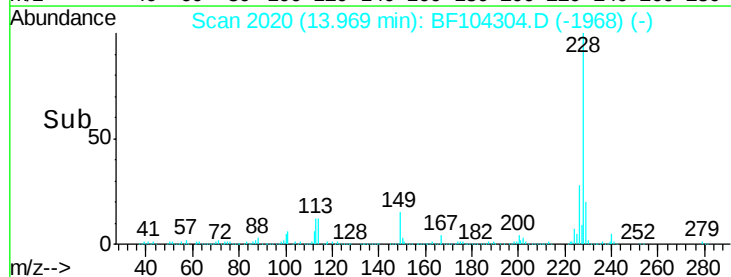
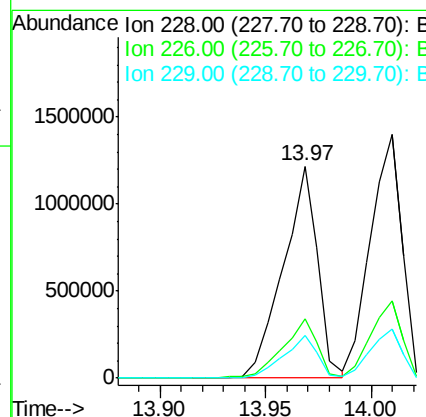
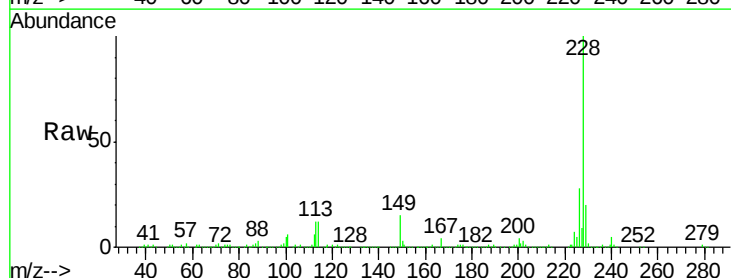
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#80
Benzo(a)anthracene
Concen: 66.767 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.0	15.8	23.6





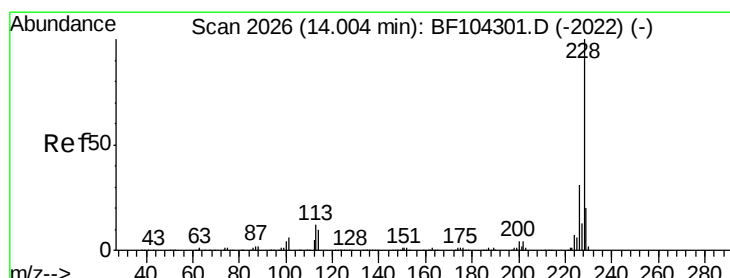
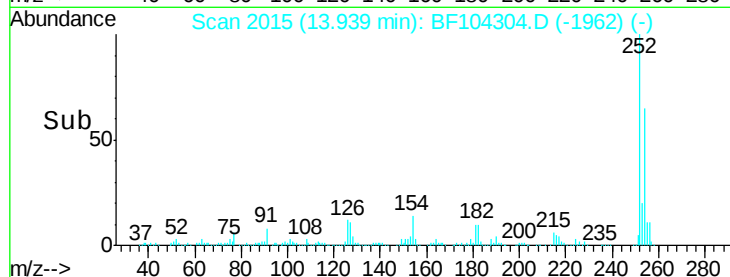
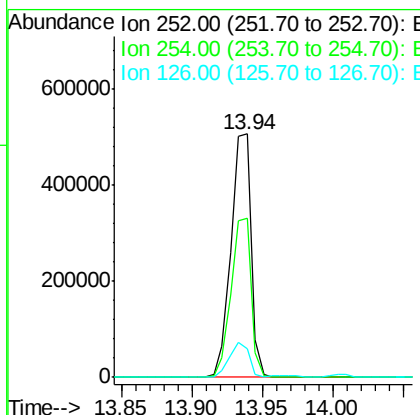
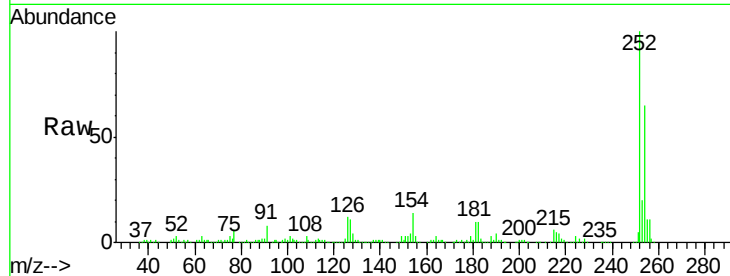
#81
 3,3'-Dichlorobenzidine
 Concen: 73.353 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
252	100	504794		
254	65.1	50.4	75.6	
126	11.6	11.3	16.9	

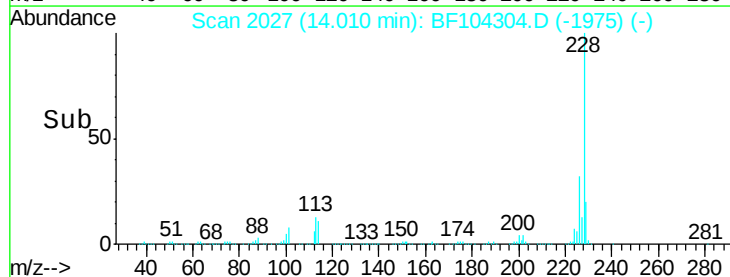
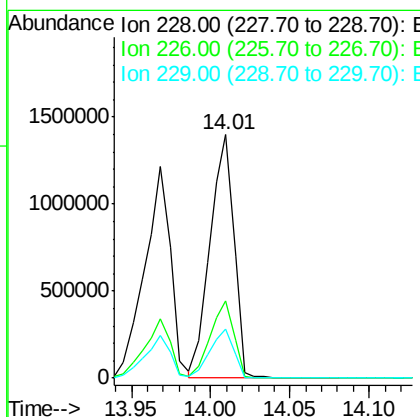
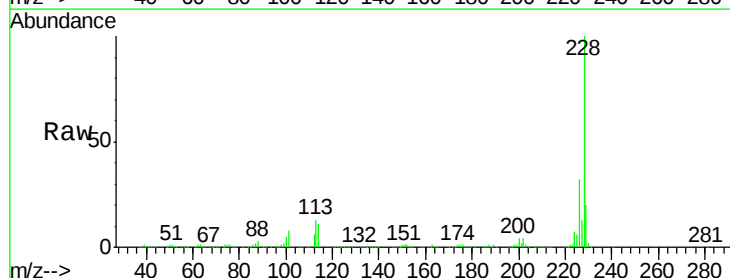
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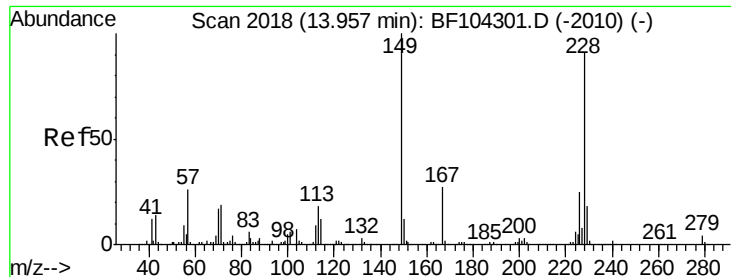
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#82
 Chrysene
 Concen: 72.007 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1466296		
226	31.7	25.0	37.6	
229	20.0	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 71.828 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1044342

Ion Ratio Lower Upper

149 100

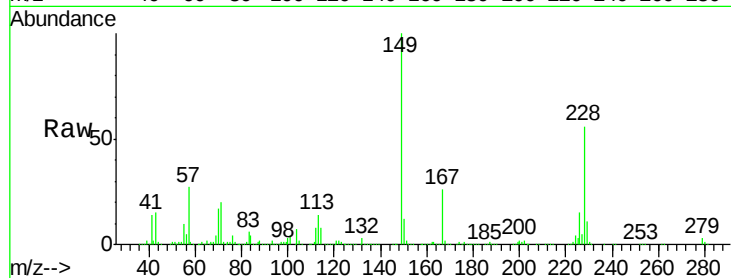
167 25.9 21.3 31.9

279 3.5 3.0 4.4

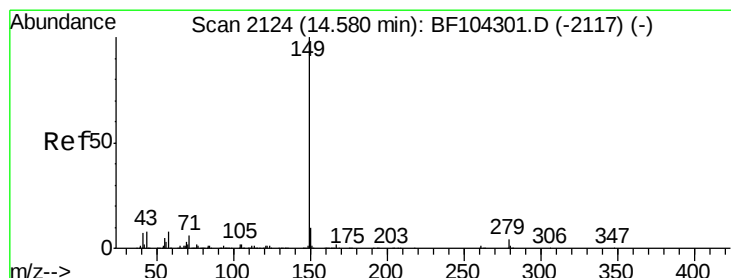
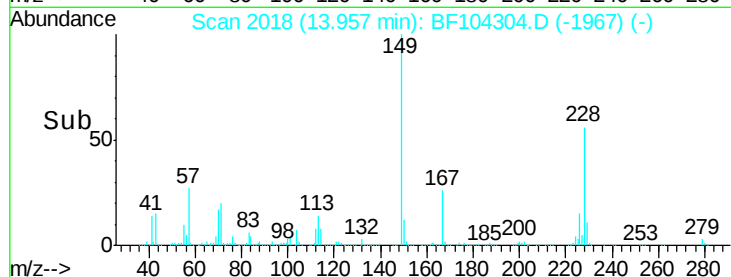
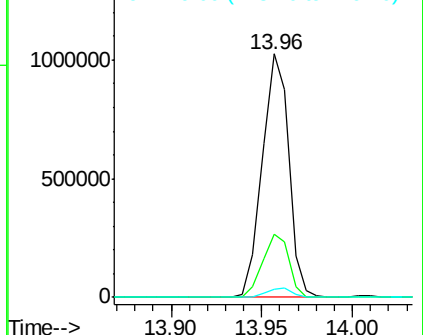
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 73.411 ng

RT: 14.58 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BF104304.D

Acq: 6 Apr 2018 14:13

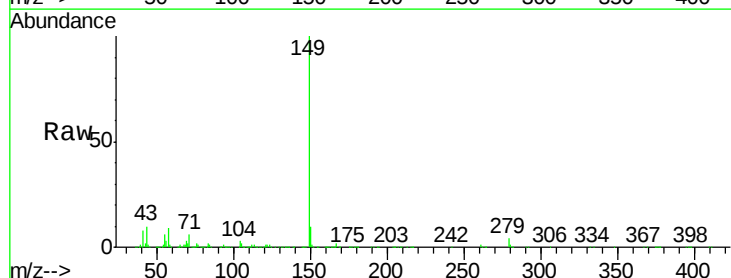
Tgt Ion:149 Resp: 1836037

Ion Ratio Lower Upper

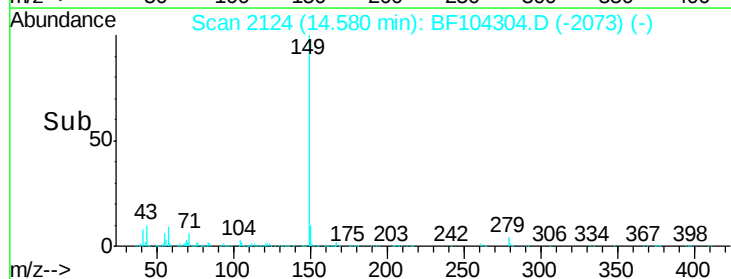
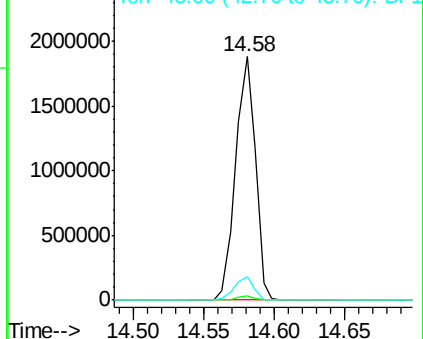
149 100

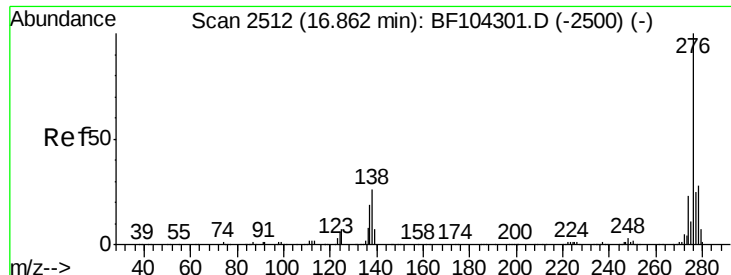
167 1.5 1.2 1.8

43 9.8 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





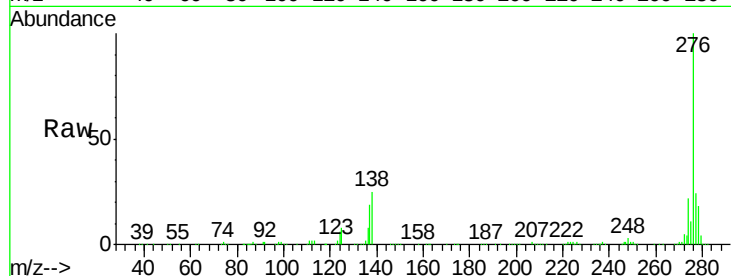
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.704 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

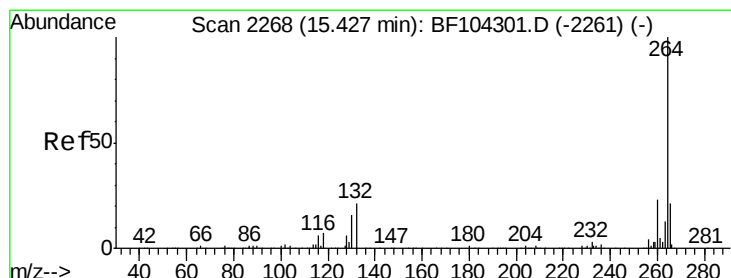
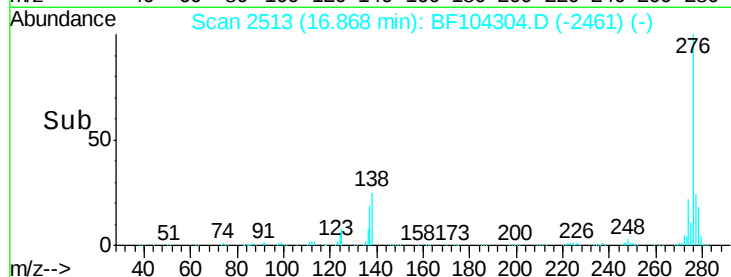
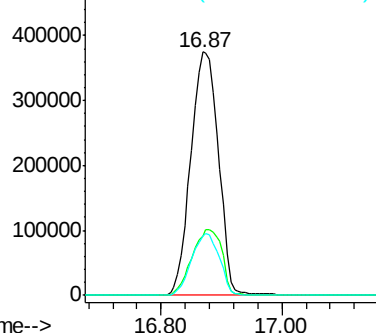
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	25.5	20.1	30.1

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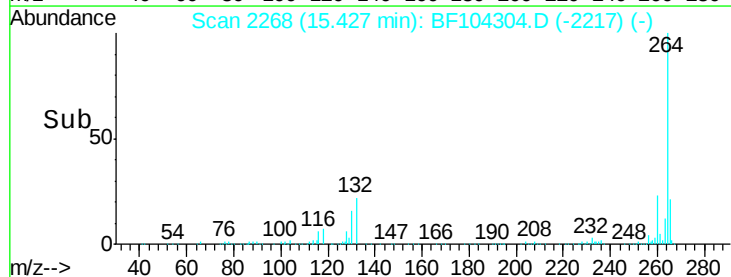
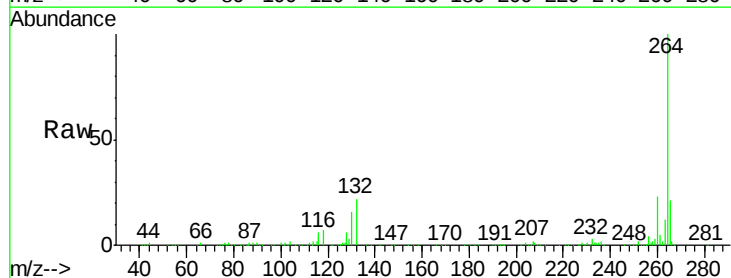
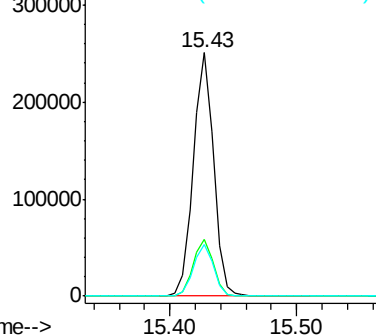
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.0	17.5	26.3

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





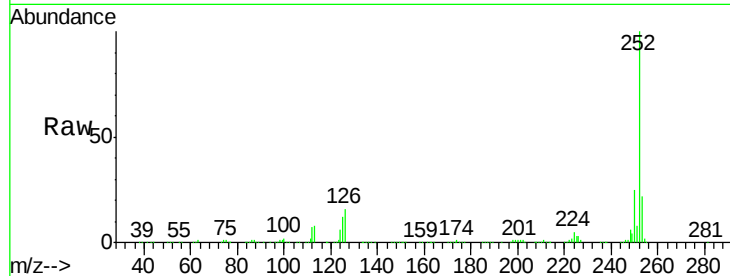
#87
Benzo(b)fluoranthene
Concen: 81.806 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

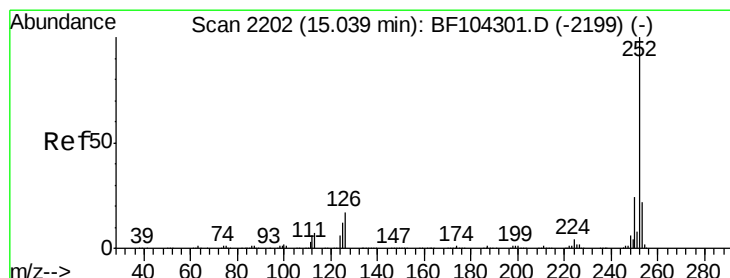
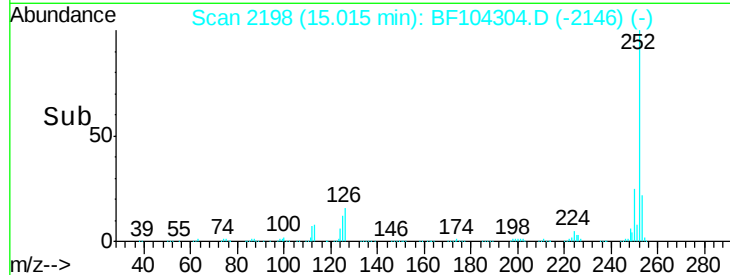
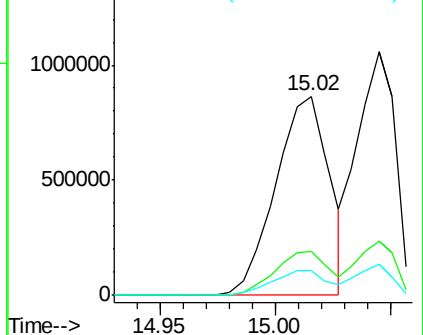
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.4	9.0	13.6

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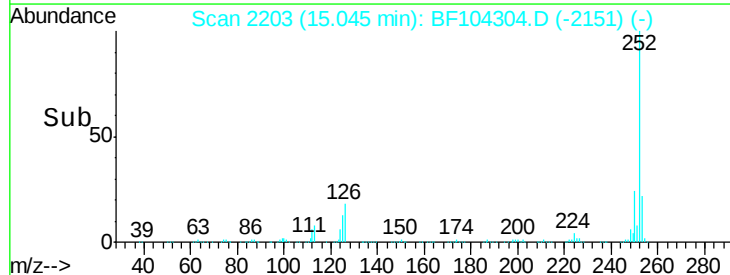
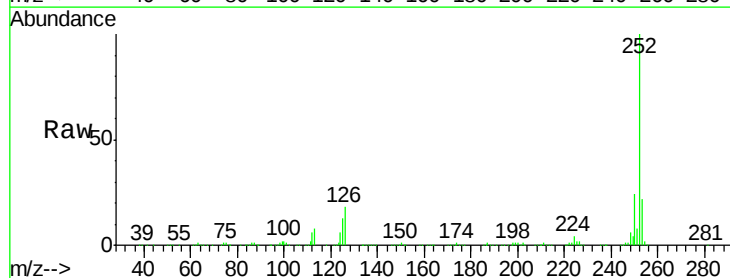
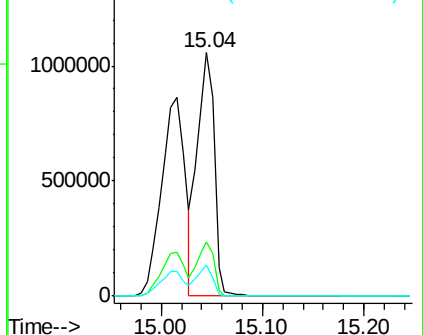
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 76.727 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	12.9	10.2	15.2

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





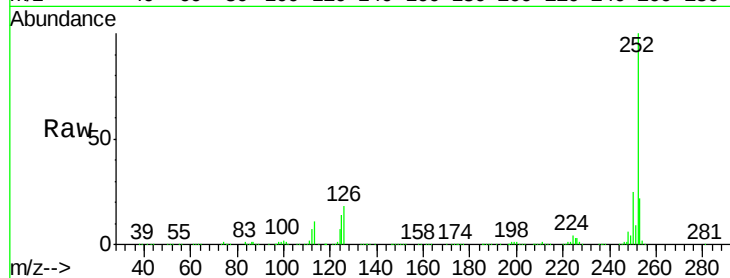
#89
Benzo(a)pyrene
Concen: 75.669 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

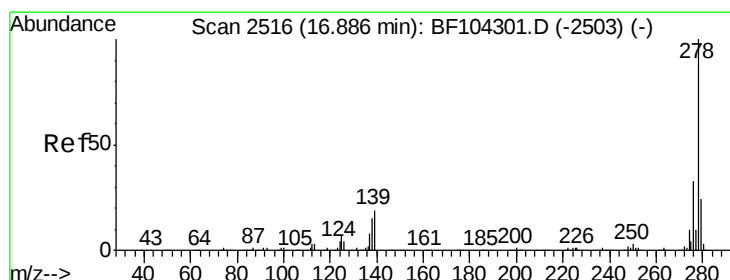
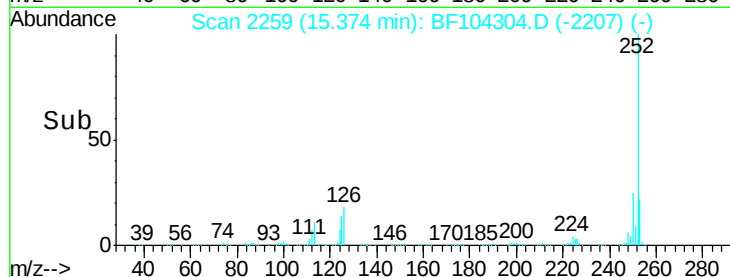
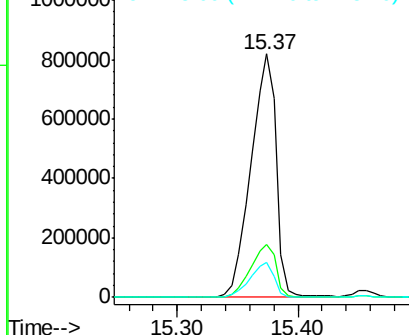
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.2	9.8	14.6

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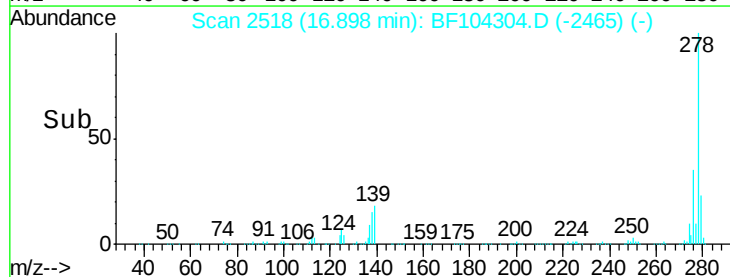
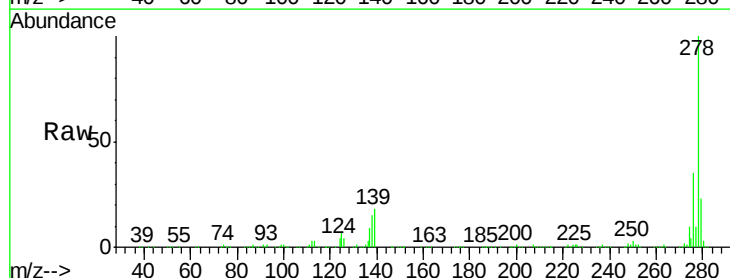
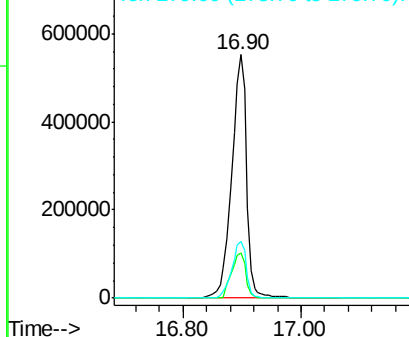
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

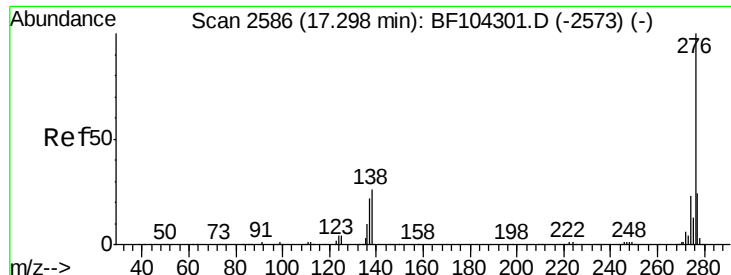


#90
Dibenzo(a,h)anthracene
Concen: 66.760 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF104304.D
Acq: 6 Apr 2018 14:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.9	23.9
279	23.3	19.0	28.4

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





#91
 Benzo(a,h,i)perylene
 Concen: 67.905 ng
 RT: 17.32 min Scan# 2589
 Delta R.T. 0.02 min
 Lab File: BF104304.D
 Acq: 6 Apr 2018 14:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	276	Resp:	992932
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	25.7	21.8	32.8

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