

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102812.D
 Acq On : 7 Feb 2018 13:47
 Operator : SJ/JU
 Sample : J1458-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MS

Manual Integrations
 APPROVED

Sohil
 2/8/2018 1:41:05 PM

Quant Time: Feb 08 02:28:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181480	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	766188	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	345292	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	605634	20.00	ng	0.00
75) Chrysene-d12	14.05	240	407873	20.00	ng	0.00
86) Perylene-d12	15.53	264	326171	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1322095	110.64	ng	0.01
7) Phenol-d6	6.51	99	1578530	109.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	1011474	91.58	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	342025	123.07	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1605267	77.14	ng	0.00
78) Terphenyl-d14	12.99	244	1467813	85.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	207365	35.133	ng	# 86
3) Pyridine	3.49	79	580513	35.599	ng	89
4) n-Nitrosodimethylamine	3.45	42	286684	41.089	ng	98
6) Aniline	6.55	93	497268	23.402	ng	95
8) 2-Chlorophenol	6.67	128	511573	41.583	ng	97
9) Benzaldehyde	6.43	77	168172	15.739	ng	97
10) Phenol	6.52	94	683933	44.354	ng	94
11) bis(2-Chloroethyl)ether	6.62	93	499941	38.963	ng	89
12) 1,3-Dichlorobenzene	6.82	146	531313	37.294	ng	98
13) 1,4-Dichlorobenzene	6.90	146	531074	37.422	ng	97
14) 1,2-Dichlorobenzene	7.05	146	490411	37.101	ng	99
15) Benzyl Alcohol	7.02	79	451531	40.817	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	918411	37.679	ng	96
17) 2-Methylphenol	7.13	107	439625	38.740	ng	99
18) Hexachloroethane	7.39	117	193711	39.805	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	343117	36.168	ng	92
20) 3+4-Methylphenols	7.28	107	518988	37.086	ng	# 89
22) Acetophenone	7.29	105	693348	36.980	ng	# 95
24) Nitrobenzene	7.46	77	547489	42.136	ng	99
25) Isophorone	7.70	82	1010708	39.741	ng	100
26) 2-Nitrophenol	7.78	139	288129	52.902	ng	98
27) 2,4-Dimethylphenol	7.82	122	454458	42.296	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	635965	42.212	ng	99
29) 2,4-Dichlorophenol	8.02	162	423132	43.320	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	410982	37.193	ng	99
31) Naphthalene	8.19	128	1419140	37.910	ng	99
32) Benzoic acid	7.85	122	10967m	9.935	ng	
33) 4-Chloroaniline	8.23	127	296316	18.375	ng	99
34) Hexachlorobutadiene	8.30	225	204520	36.120	ng	99
35) Caprolactam	8.60	113	144536m	42.609	ng	
36) 4-Chloro-3-methylphenol	8.72	107	469201	42.753	ng	94
37) 2-Methylnaphthalene	8.88	142	947718	38.669	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	351025	37.336	ng	98
40) Hexachlorocyclopentadiene	9.03	237	343393	76.833	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	273905	44.355	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	295033	42.389	ng	94
45) 1,1'-Biphenyl	9.35	154	1085815	37.335	ng	98
46) 2-Chloronaphthalene	9.37	162	869869	37.992	ng	98
47) 2-Nitroaniline	9.46	65	324519	46.081	ng	91
48) Acenaphthylene	9.79	152	1331730	37.449	ng	99
49) Dimethylphthalate	9.65	163	1137427	42.247	ng	99
50) 2,6-Dinitrotoluene	9.70	165	232989	45.486	ng	96
51) Acenaphthene	9.96	154	782418	36.790	ng	99
52) 3-Nitroaniline	9.87	138	209624	33.260	ng	# 90
53) 2,4-Dinitrophenol	9.97	184	44360	40.832	ng	# 19
54) Dibenzofuran	10.13	168	1156393	38.584	ng	97
55) 4-Nitrophenol	10.03	139	412969	79.747	ng	93
56) 2,4-Dinitrotoluene	10.11	165	311588	45.527	ng	93
57) Fluorene	10.47	166	855302	39.223	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	218744	45.345	ng	97
59) Diethylphthalate	10.34	149	995396	37.443	ng	100
60) 4-Chlorophenyl-phenylether	10.46	204	380999	39.497	ng	97
61) 4-Nitroaniline	10.49	138	265081	44.187	ng	88
62) Azobenzene	10.62	77	992031	37.354	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	116242	46.626	ng	88
65) n-Nitrosodiphenylamine	10.58	169	802804	37.580	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	245665	38.346	ng	94
67) Hexachlorobenzene	11.02	284	260749	36.894	ng	99
68) Atrazine	11.10	200	248255	39.392	ng	98
69) Pentachlorophenol	11.21	266	277114	66.794	ng	98
70) Phenanthrene	11.43	178	1242421	36.834	ng	99
71) Anthracene	11.49	178	1283252	37.406	ng	100
72) Carbazole	11.64	167	1243804	37.007	ng	100
73) Di-n-butylphthalate	11.96	149	1518536	37.195	ng	100
74) Fluoranthene	12.62	202	1255761	37.004	ng	99
76) Benzidine	12.74	184	234768	12.524	ng	98
77) Pyrene	12.85	202	1262794	39.483	ng	100
79) Butylbenzylphthalate	13.46	149	631663	41.431	ng	99
80) Benzo(a)anthracene	14.04	228	1000203	38.992	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	249084	26.189	ng	99
82) Chrysene	14.07	228	951125	36.783	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	807842	41.232	ng	100
84) Di-n-octyl phthalate	14.63	149	1242069	42.220	ng	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	825535	38.494	ng	99
87) Benzo(b)fluoranthene	15.09	252	823993	38.965	ng	97
88) Benzo(k)fluoranthene	15.12	252	827710	40.964	ng	100
89) Benzo(a)pyrene	15.46	252	771578	40.535	ng	97
90) Dibenzo(a,h)anthracene	17.04	278	683241	44.223	ng	99
91) Benzo(g,h,i)perylene	17.47	276	709764	46.935	ng	97

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

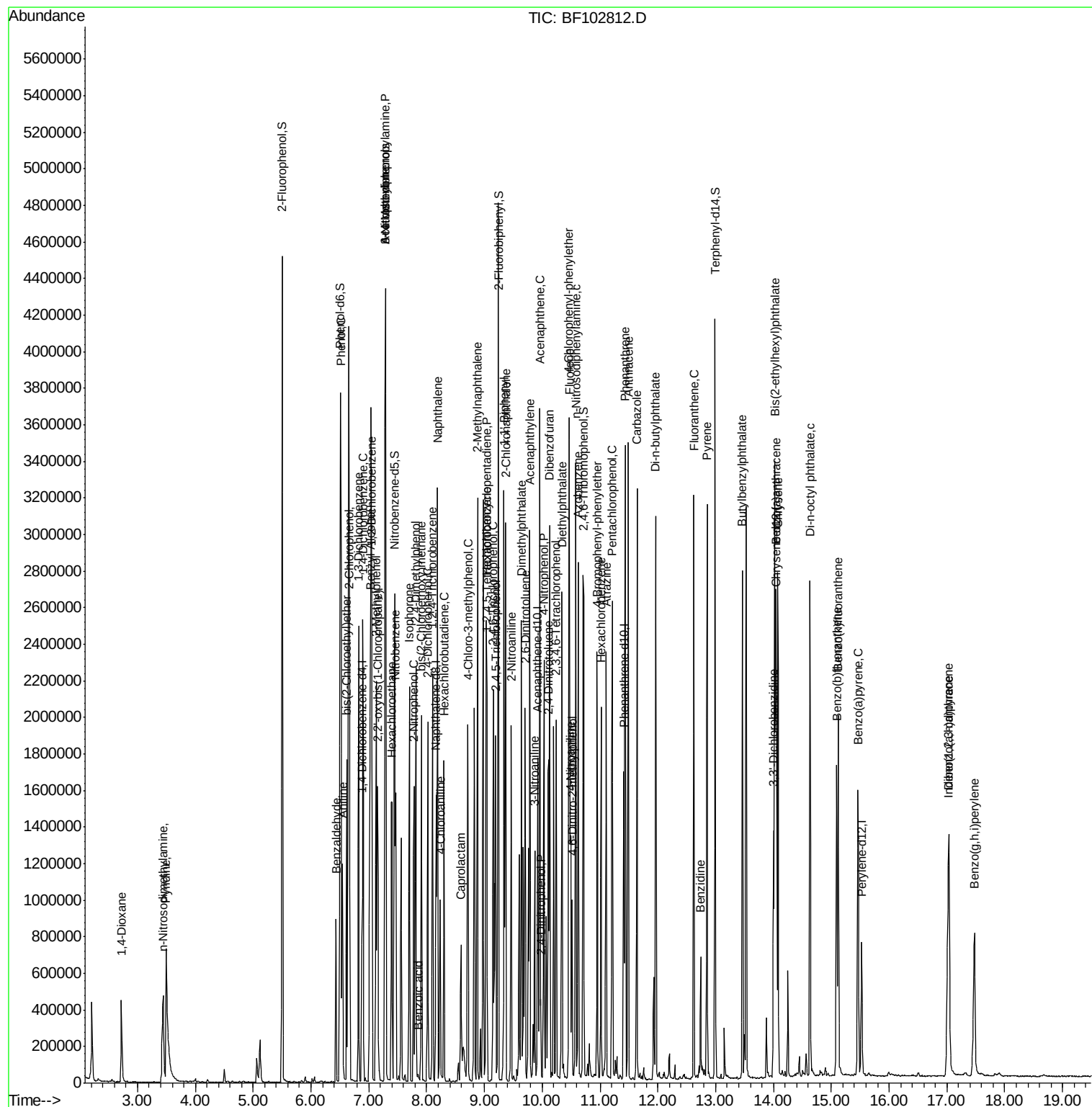
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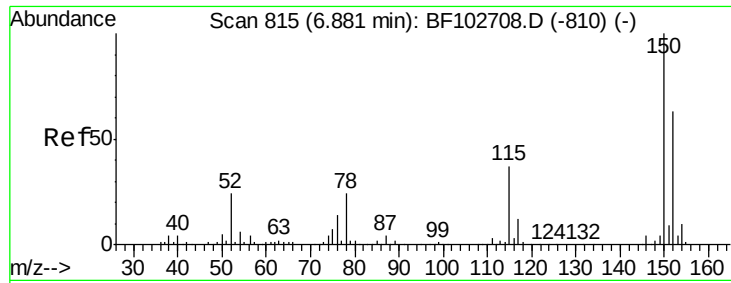
Instrument :
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#1

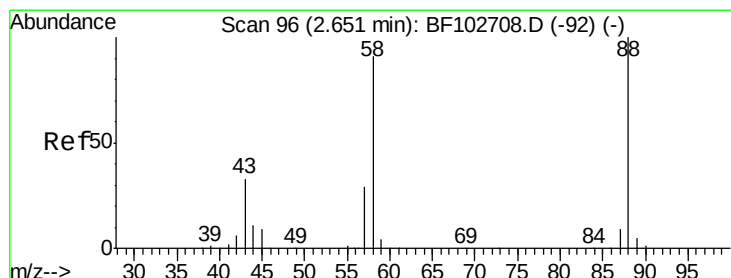
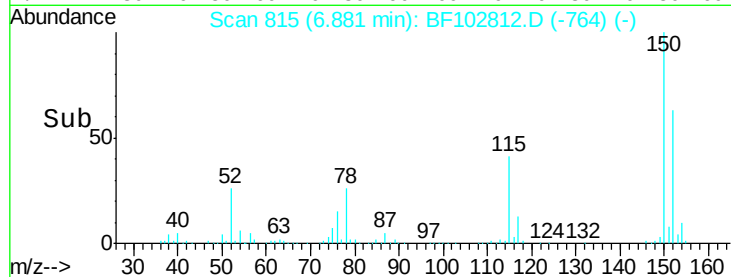
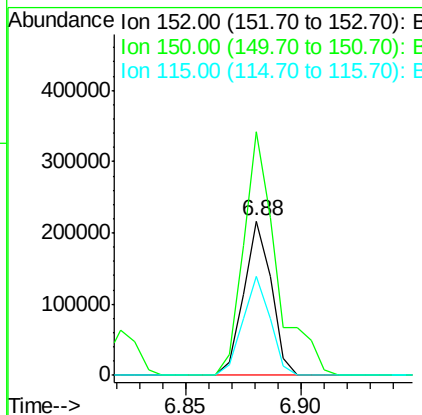
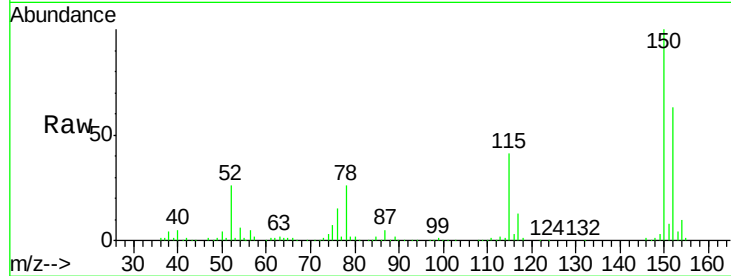
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :
SB-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	124.6	186.8
115	64.2	50.1	75.1

Manual Integrations
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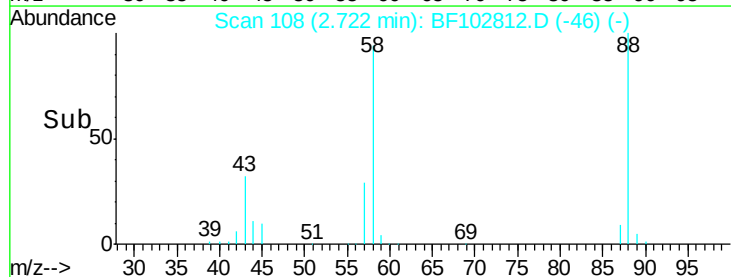
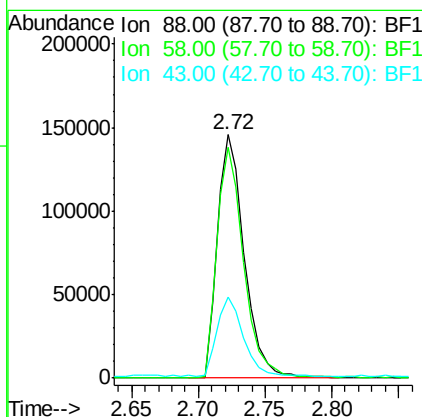
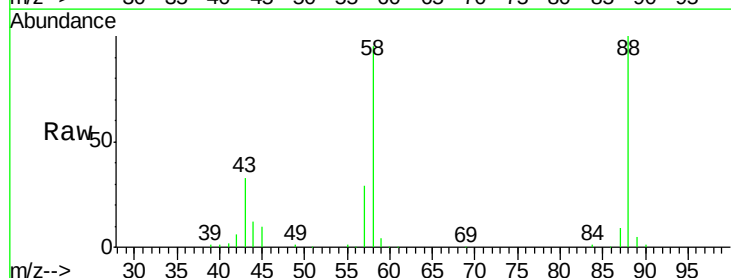
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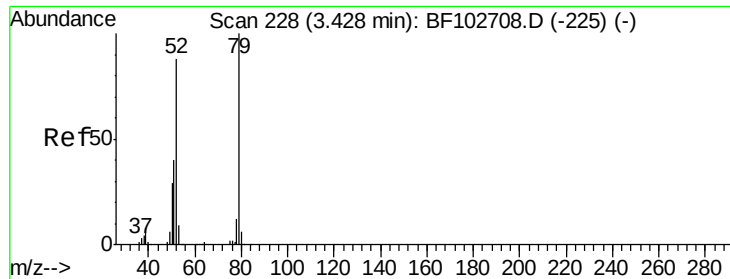


#2

1,4-Dioxane
Concen: 35.133 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.5	62.6	93.8#
43	31.8	24.6	37.0





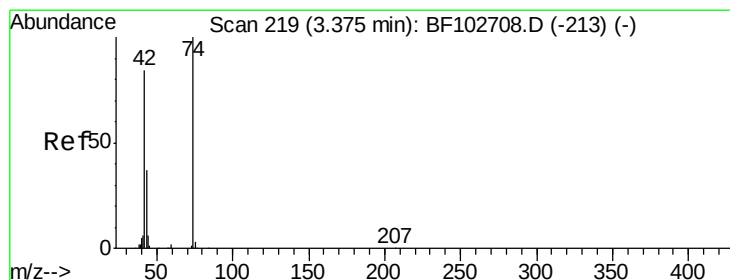
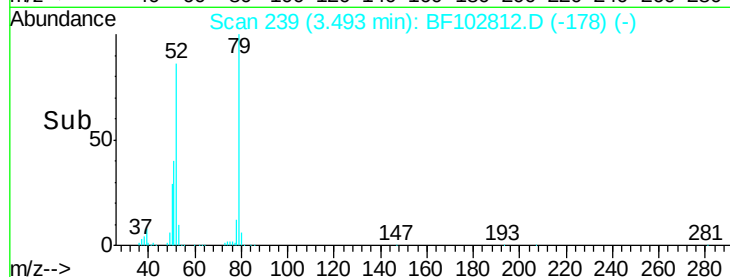
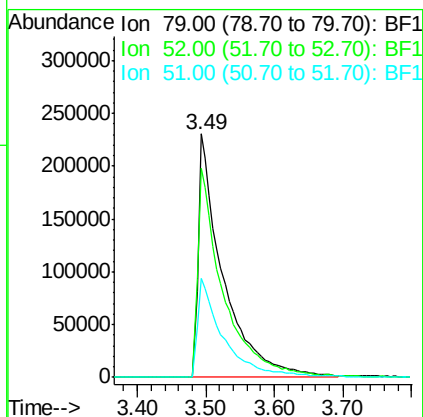
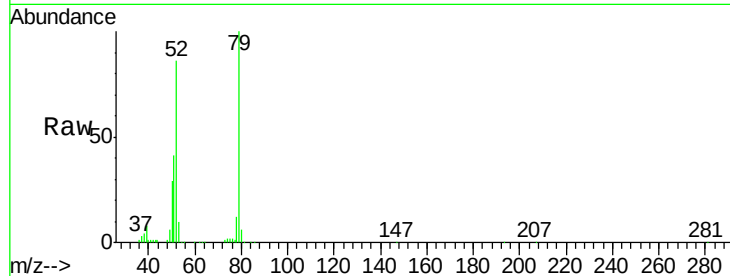
#3
 Pvridine
 Concen: 35.599 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.06 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	86.0	59.8	89.6
51	40.6	29.8	44.8

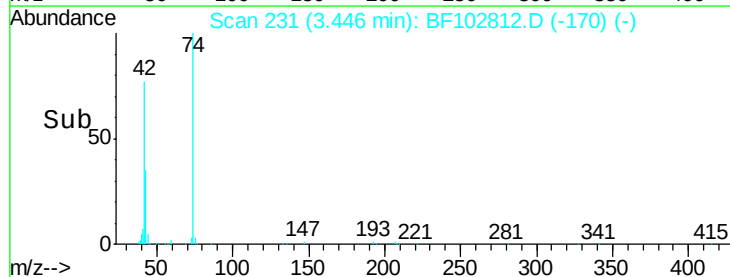
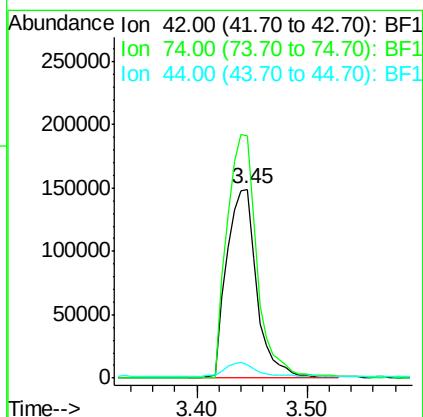
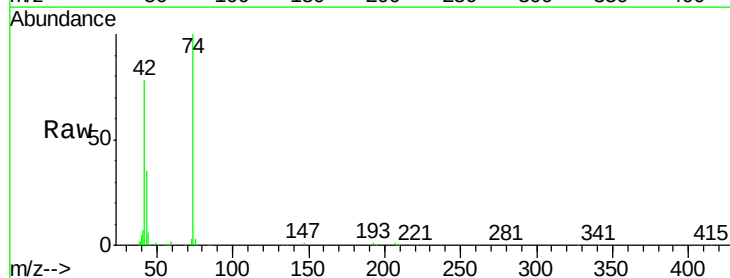
Manual Integrations
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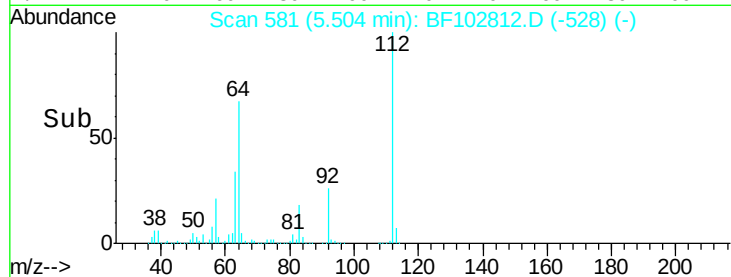
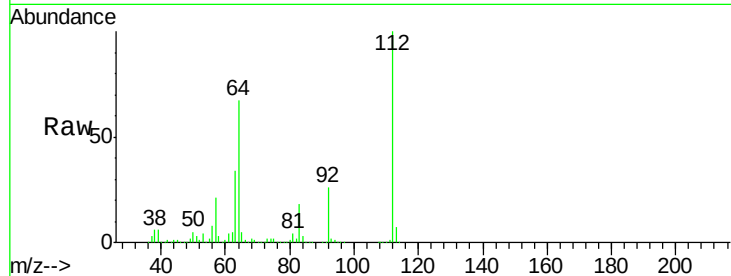
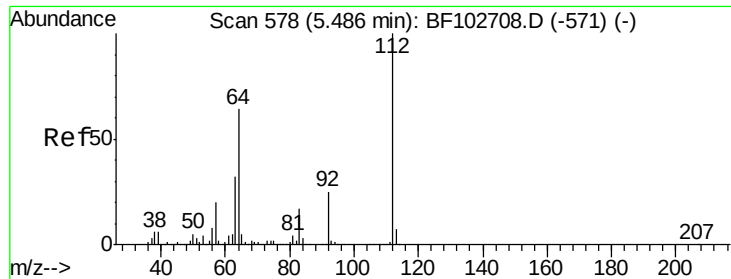
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#4
 n-Nitrosodimethylamine
 Concen: 41.089 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.06 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.7	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 110.636 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Tot Ion:	112	Resp:	1322095
Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	34.2	23.7	35.5

Instrument :

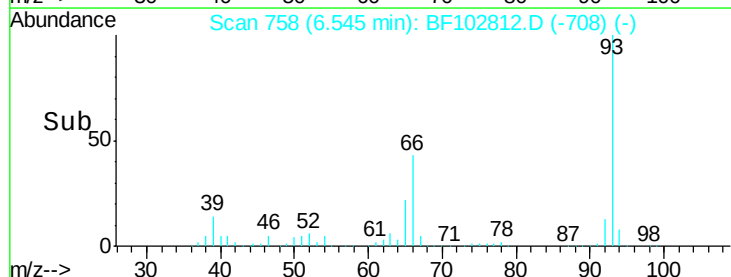
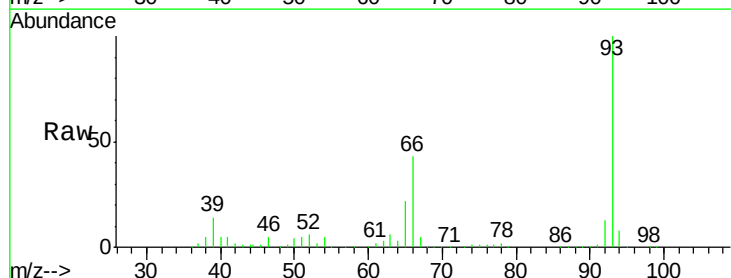
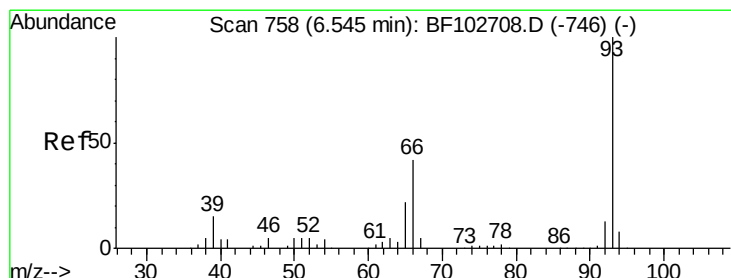
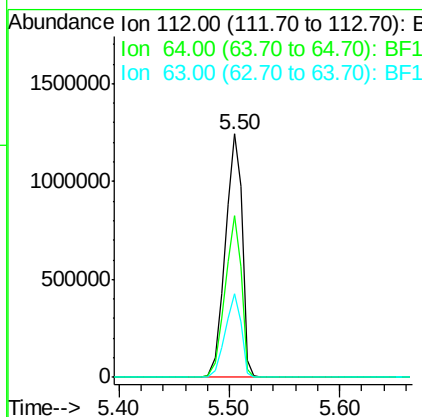
BNA_F

ClientSampleId :

SB-01MS

Manual Integrations
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#6

Aniline

Concen: 23.402 ng

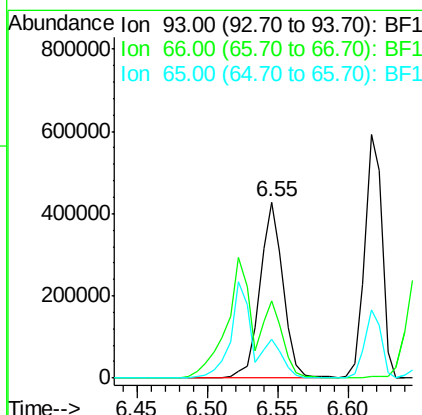
RT: 6.55 min Scan# 758

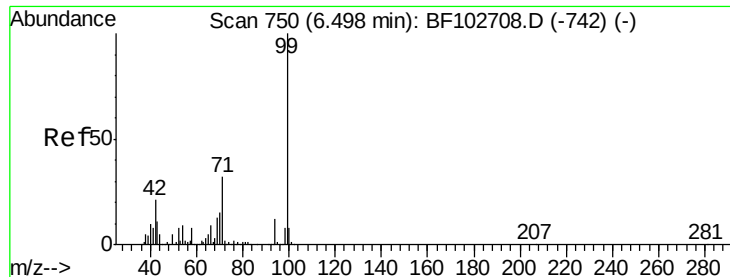
Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Tgt Ion:	93	Resp:	497268
Ion	Ratio	Lower	Upper
93	100		
66	43.5	32.2	48.2
65	22.3	16.4	24.6





#7

Phenol-d6

Concen: 109.707 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampled :

SB-01MS

Tot Ion: 99 Resp: 1578530

Ion Ratio Lower Upper

99 100

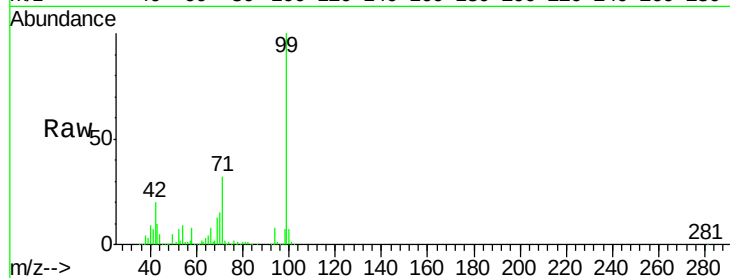
42 20.2 14.5 21.7

71 32.4 25.4 38.0

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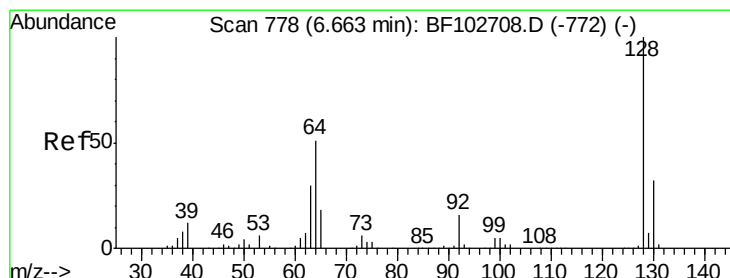
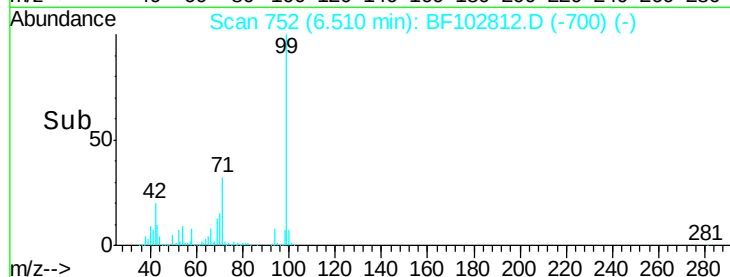
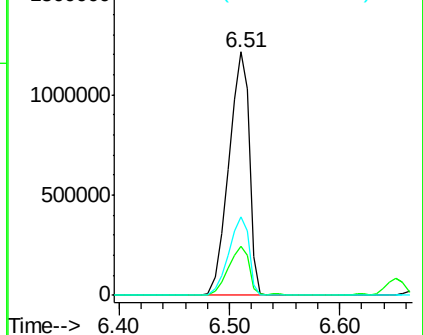
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.583 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

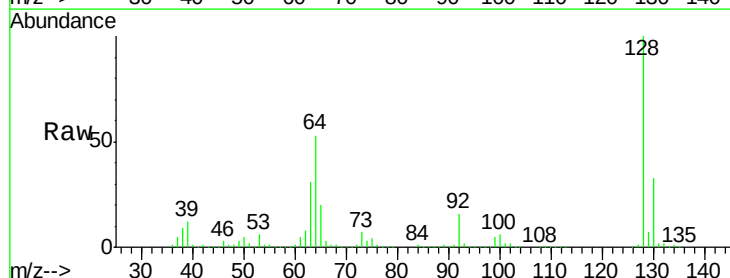
Tgt Ion: 128 Resp: 511573

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

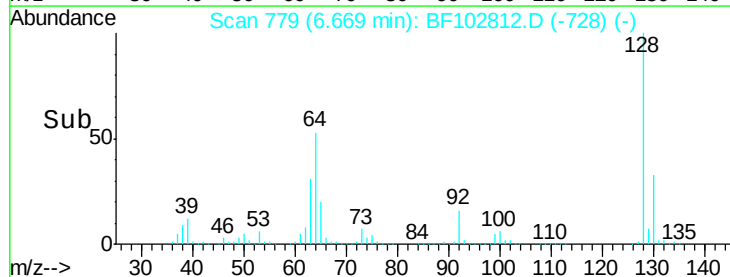
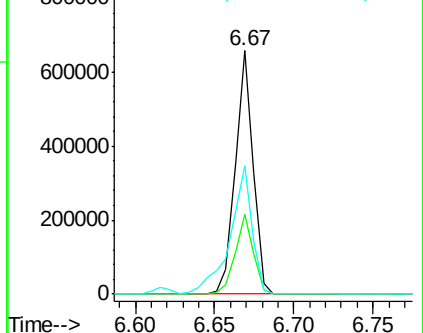
64 52.9 29.4 69.4

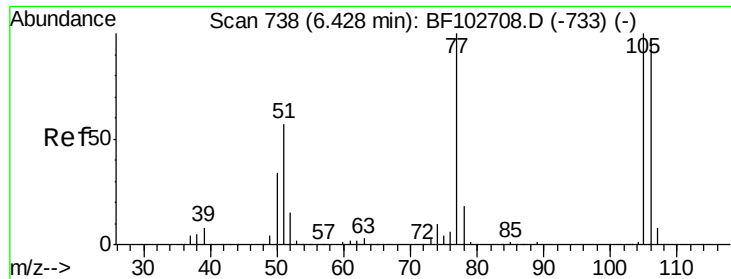


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





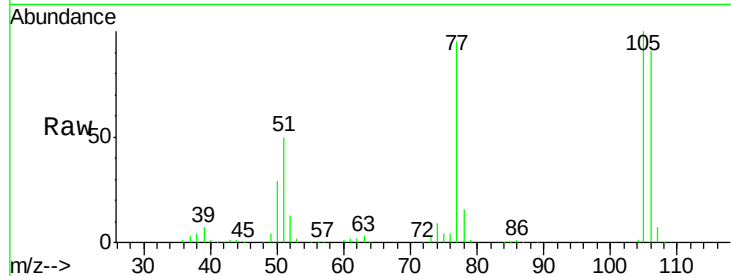
#9
Benzaldehyde
Concen: 15.739 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :
SB-01MS

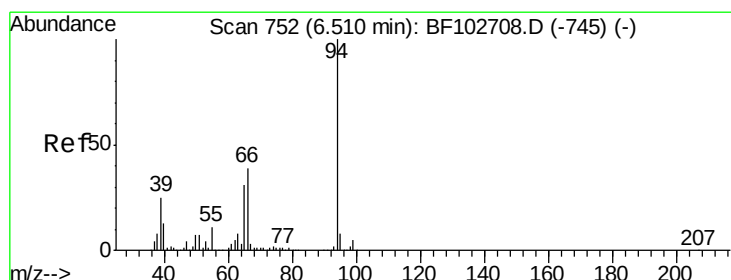
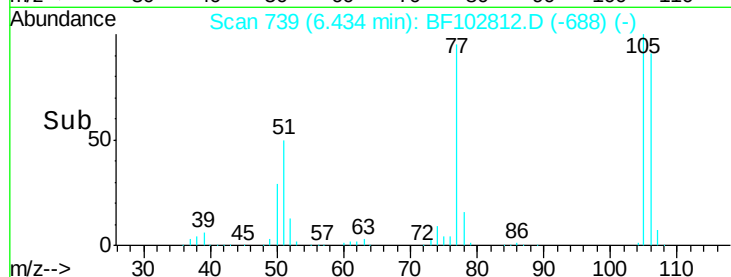
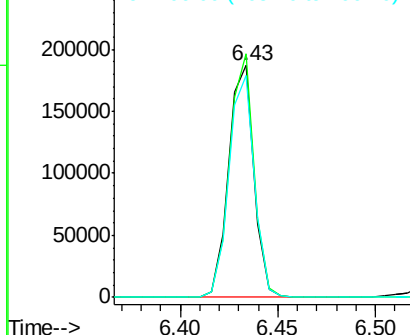
Tot Ion	Ratio	Lower	Upper
77	100		
105	105.1	81.1	121.1
106	95.7	74.5	114.5

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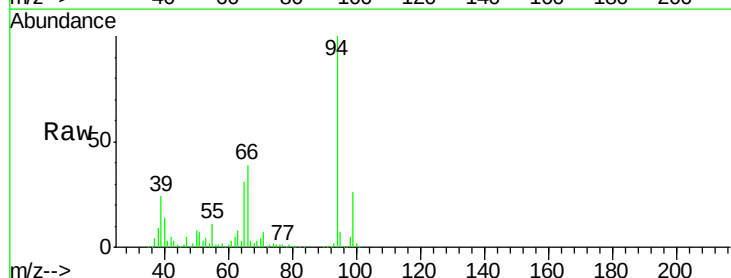


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

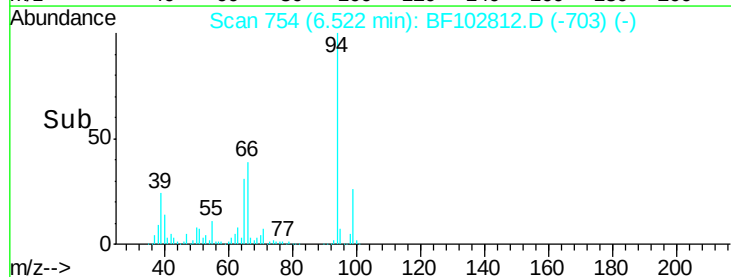
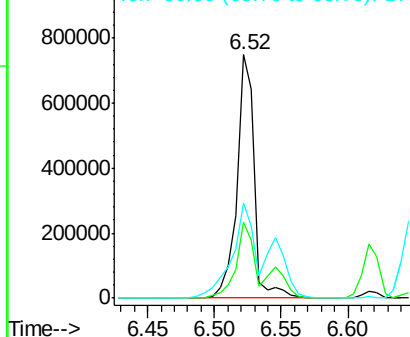


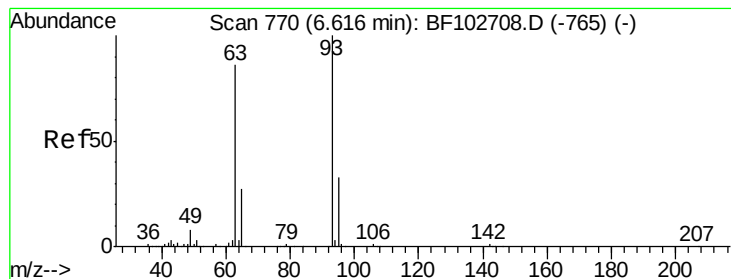
#10
Phenol
Concen: 44.354 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.2	7.9	47.9
66	39.1	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





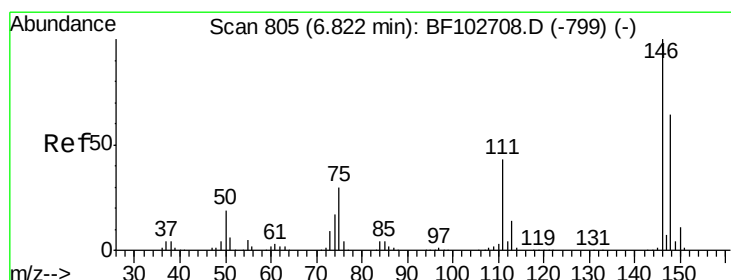
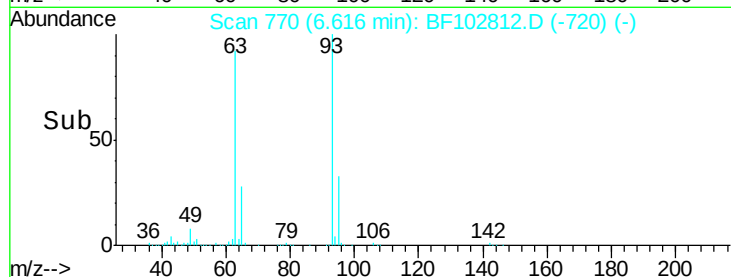
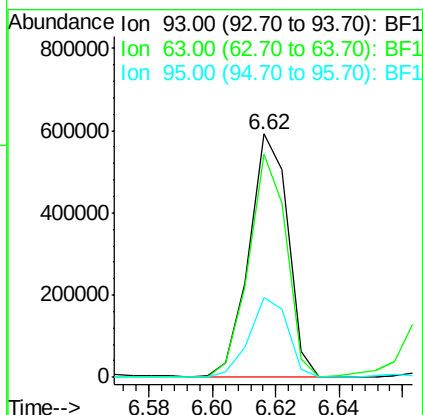
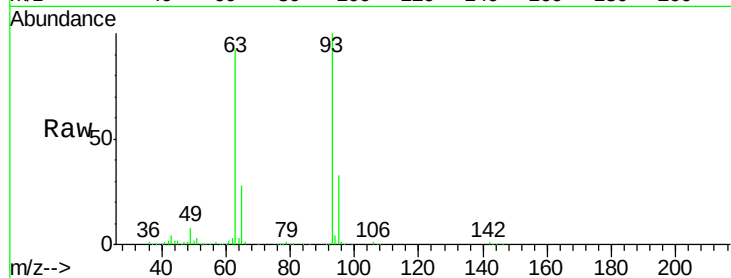
#11
bis(2-Chloroethyl)ether
Concen: 38.963 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :
SB-01MS

Tot Ion:	93	Resp:	499941
Ion	Ratio	Lower	Upper
93	100		
63	91.6	58.6	98.6
95	32.7	11.8	51.8

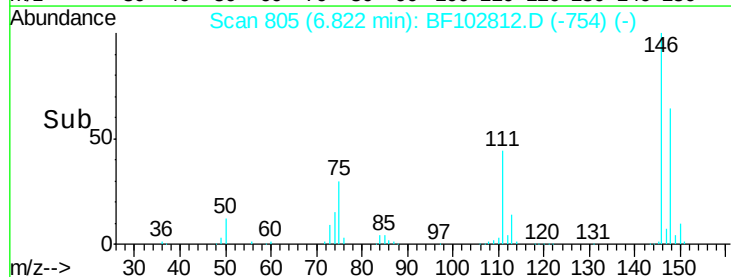
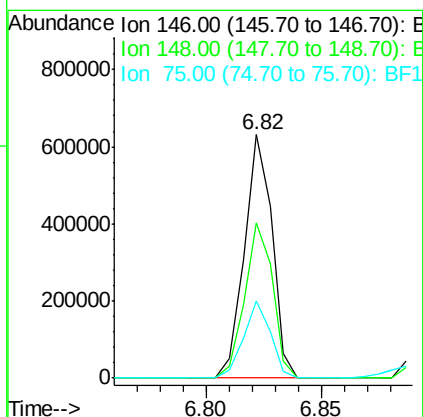
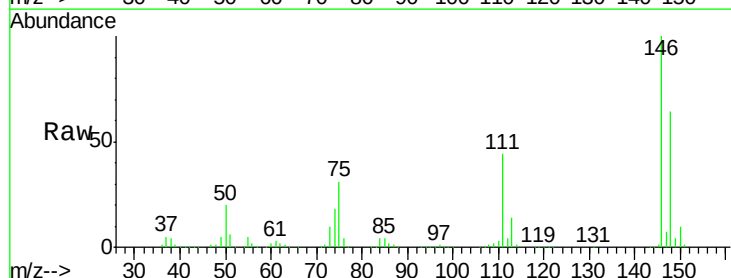
Manual Integrations
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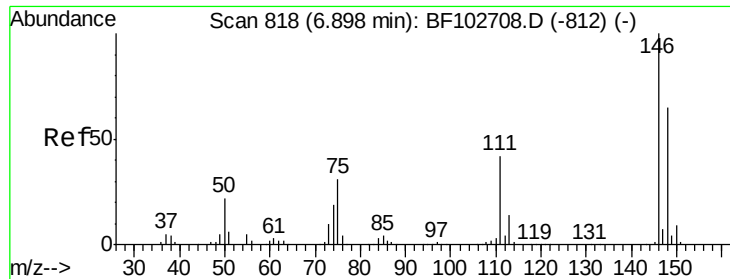
Sohil
2/8/2018 1:41:05 PM



#12
1,3-Dichlorobenzene
Concen: 37.294 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:	146	Resp:	531313
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
75	31.5	24.2	36.4





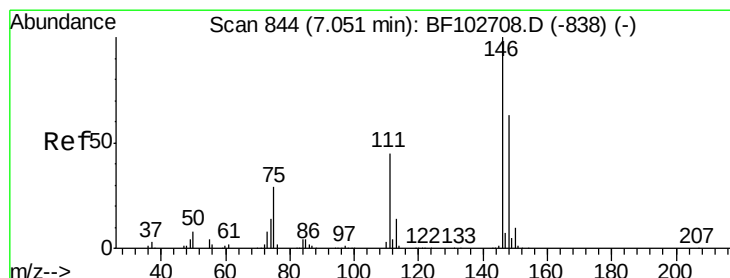
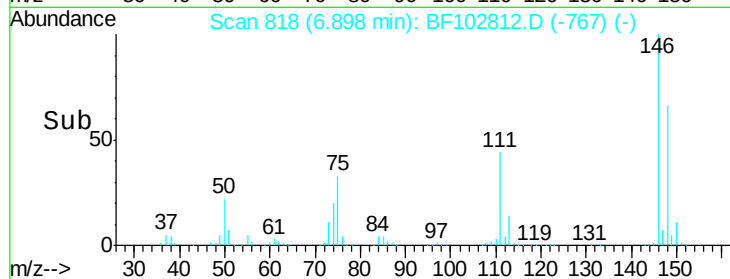
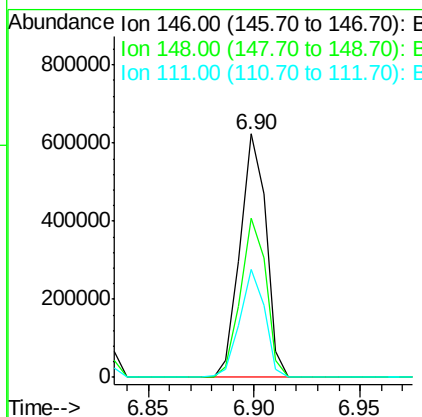
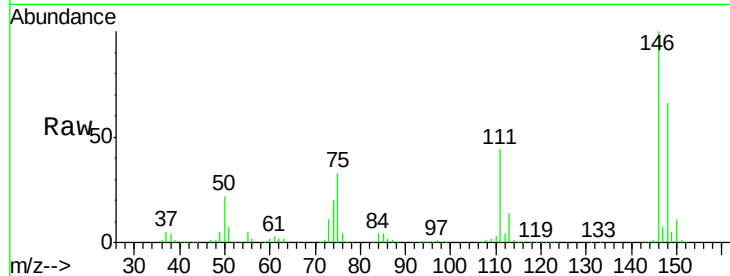
#13
 1,4-Dichlorobenzene
 Concen: 37.422 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		531074		
148	65.6	50.8	76.2		
111	44.2	34.2	51.2		

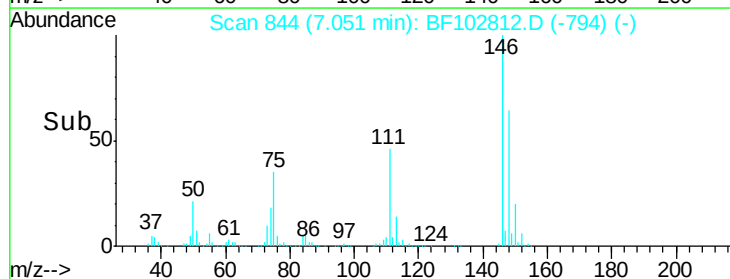
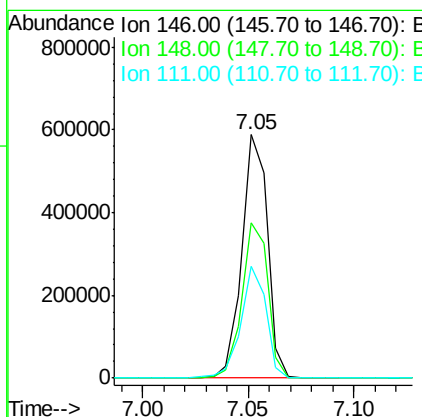
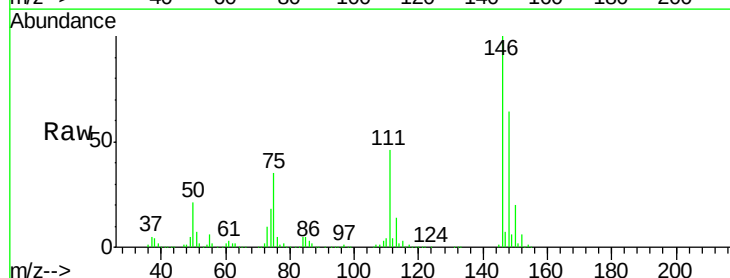
Manual Integrations
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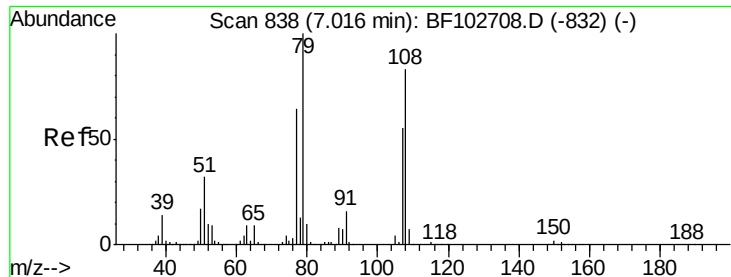
Sohil
 2/8/2018 1:41:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.101 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		490411		
148	63.9	50.6	75.8		
111	45.7	36.0	54.0		





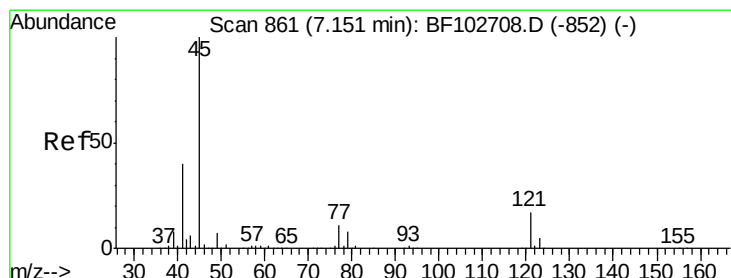
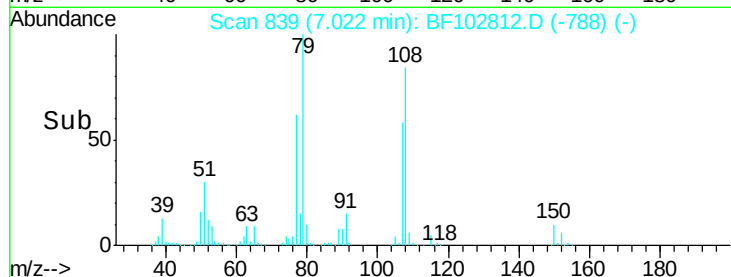
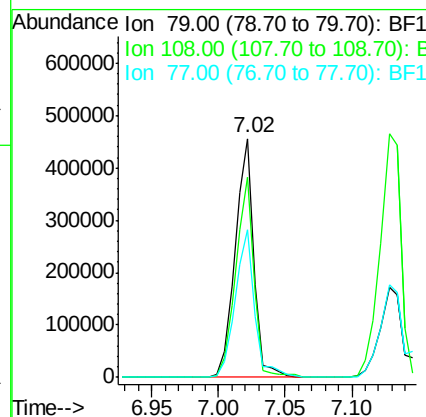
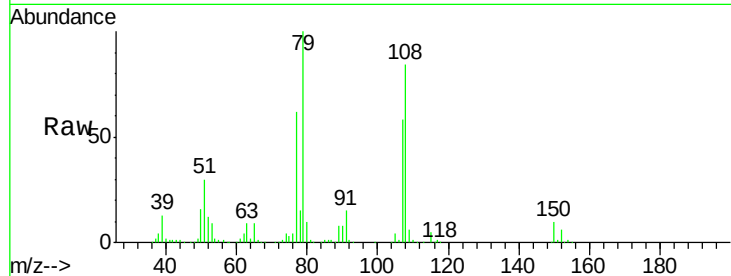
#15
Benzyl Alcohol
Concen: 40.817 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :
SB-01MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.0	65.1	97.7
77	61.6	50.6	75.8

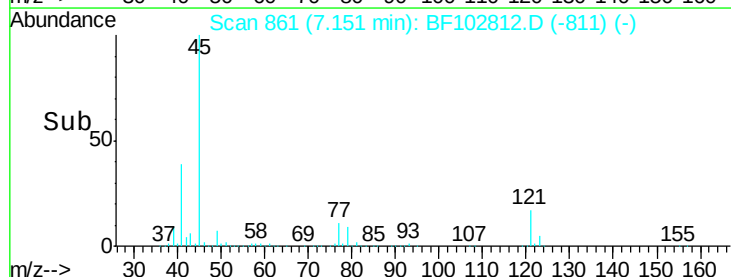
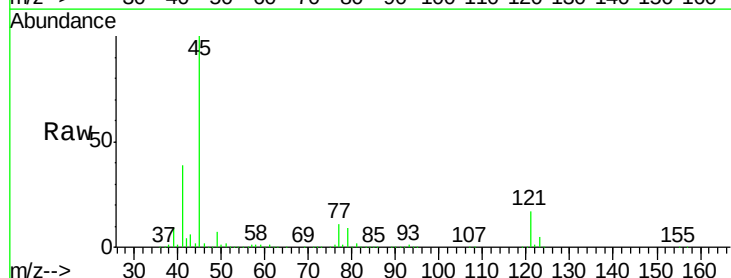
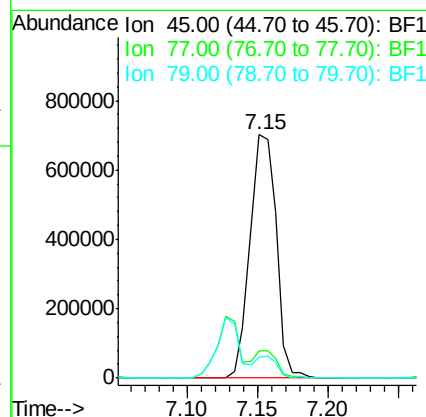
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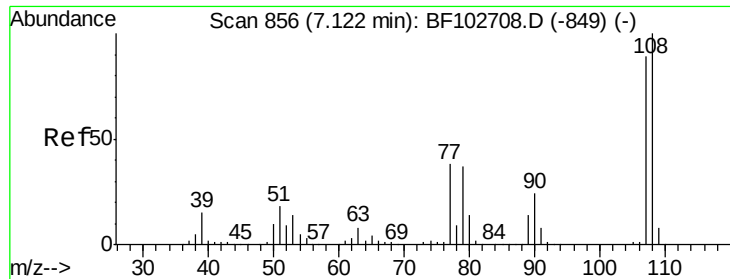
Sohil
2/8/2018 1:41:05 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.679 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	32.9
79	8.6	0.0	29.6





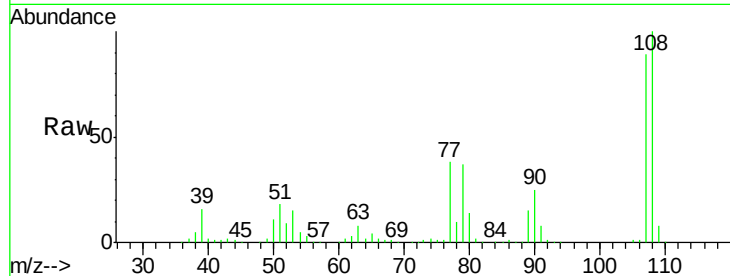
#17
2-Methylphenol
Concen: 38.740 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :
SB-01MS

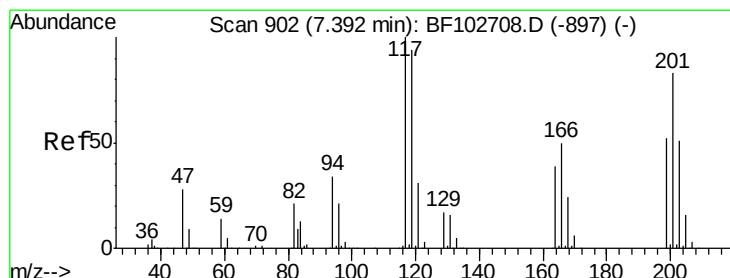
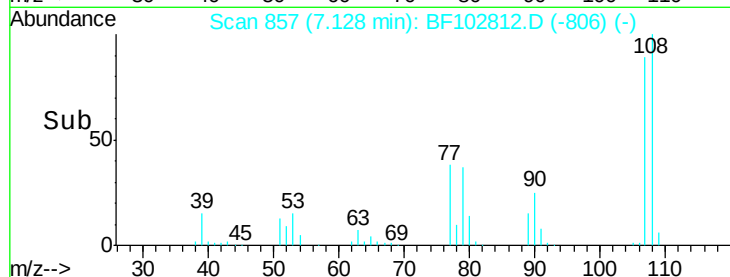
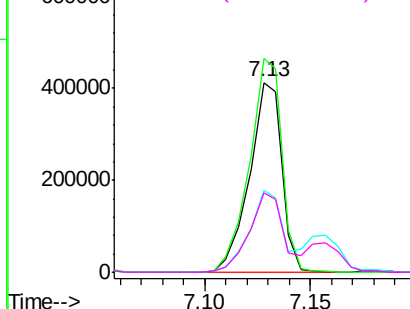
Tot Ion:	107	Resp:	439625
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.7	137.5
77	43.1	33.8	50.8
79	42.0	33.8	50.8

Manual Integrations
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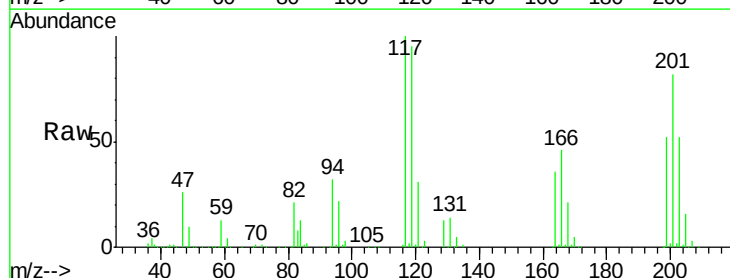


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

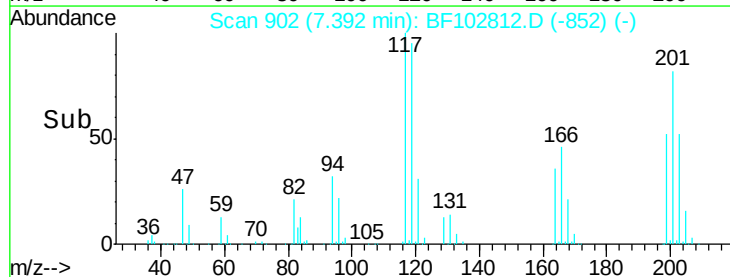
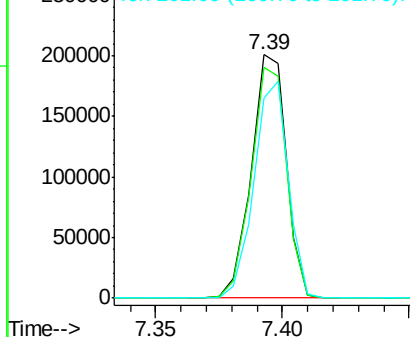


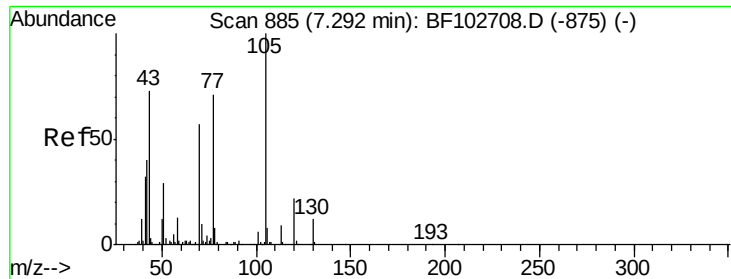
#18
Hexachloroethane
Concen: 39.805 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:	117	Resp:	193711
Ion Ratio	Lower	Upper	
117	100		
119	94.9	75.8	113.8
201	82.1	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





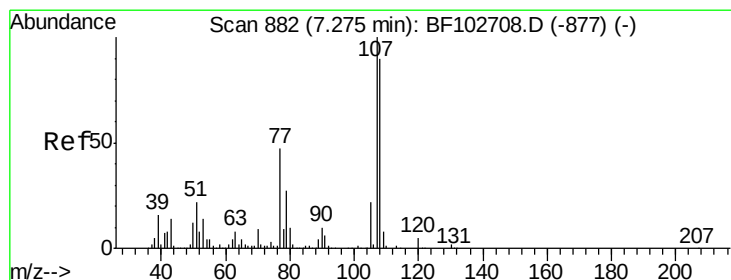
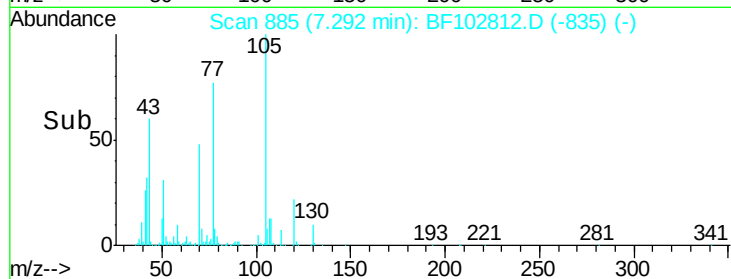
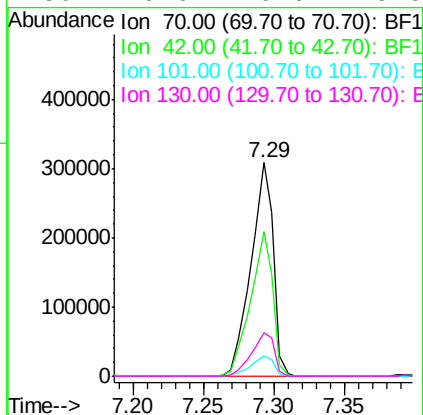
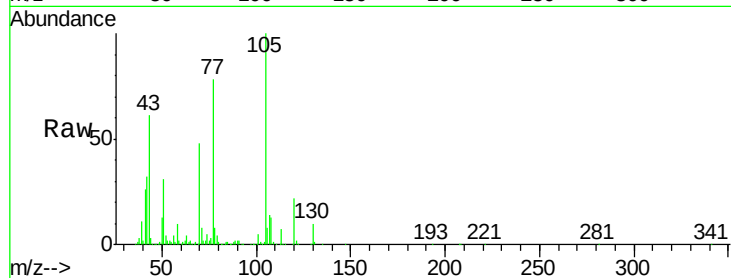
#19
n-Nitroso-di-n-propylamine
Concen: 36.168 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :
SB-01MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.0	47.5	71.3	
101	9.7	7.4	11.2	
130	20.6	16.6	25.0	

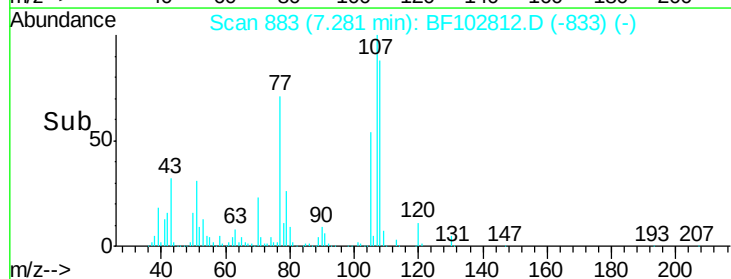
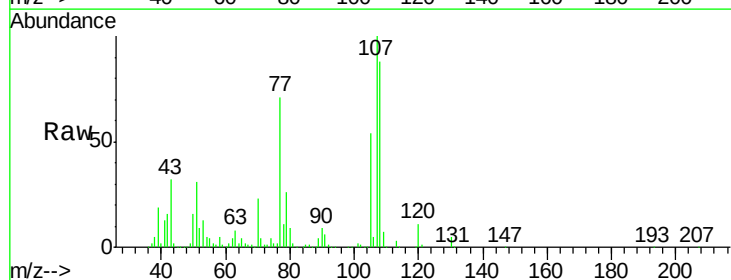
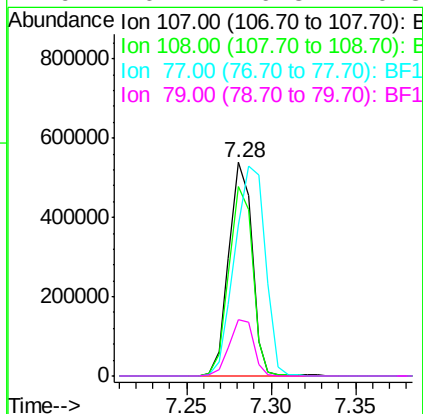
Manual Integrations
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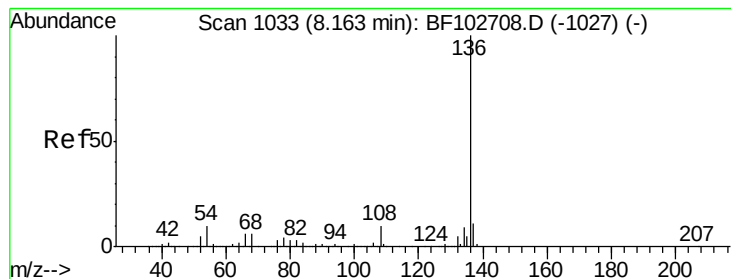
Sohil
2/8/2018 1:41:05 PM



#20
3+4-Methylphenols
Concen: 37.086 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	68.2	108.2	
77	70.6	26.7	66.7#	
79	26.1	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

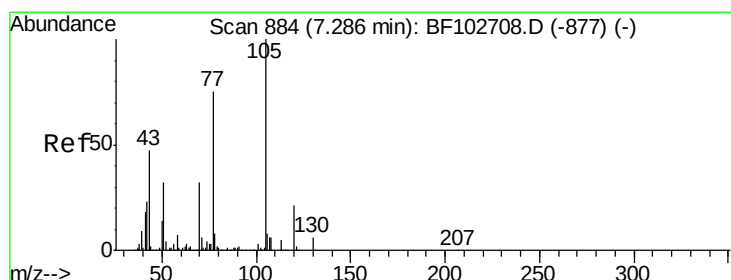
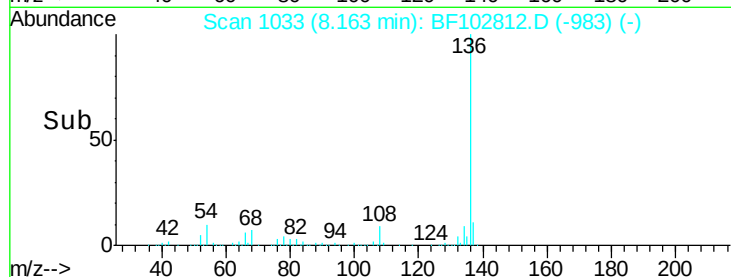
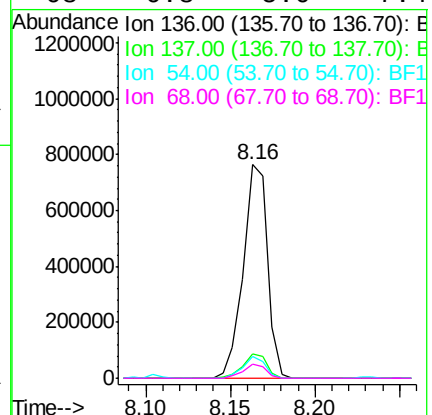
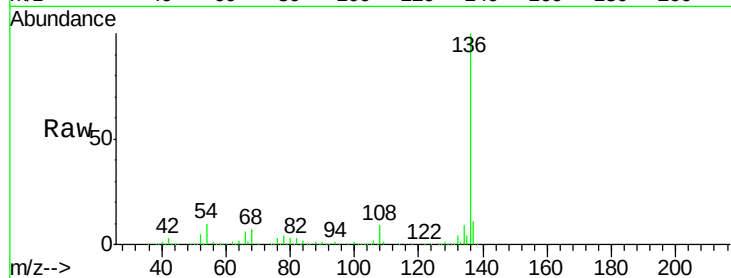
ClientSampleId :

SB-01MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.3	6.6	9.8#
68	6.8	5.0	7.4

Manual Integrations
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2/8/2018 1:41:05 PM



#22

Acetophenone

Concen: 36.980 ng

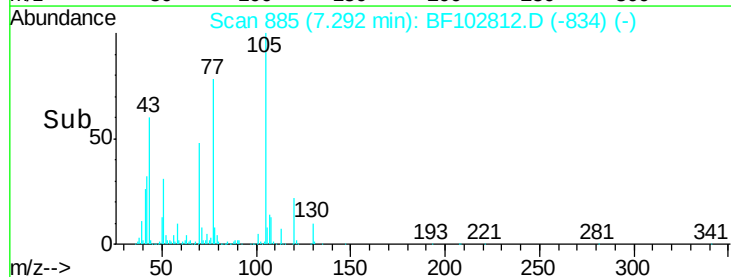
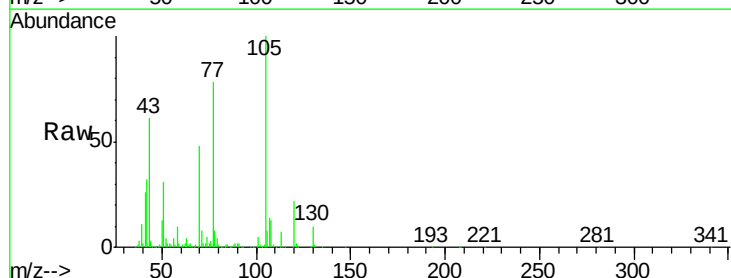
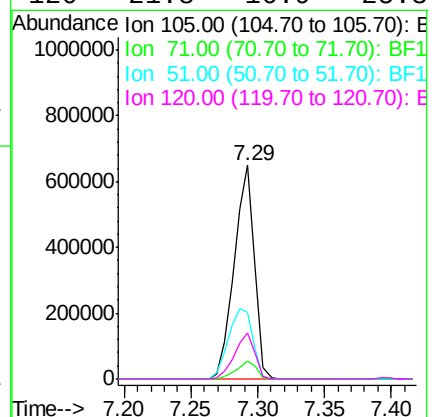
RT: 7.29 min Scan# 885

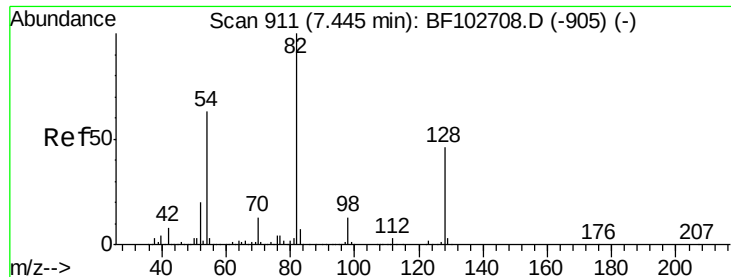
Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	31.2	22.3	33.5
120	21.8	16.9	25.3





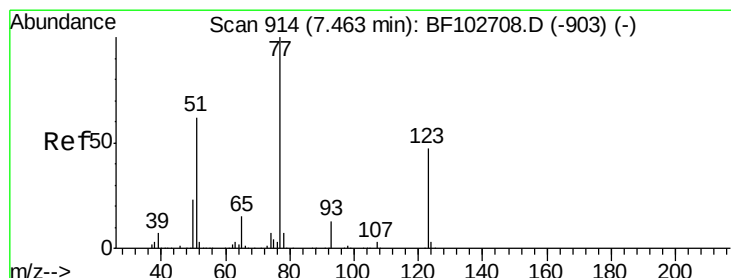
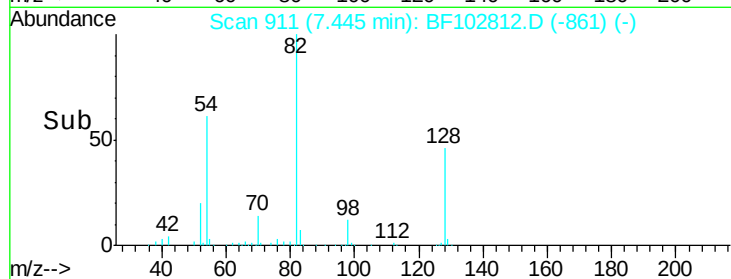
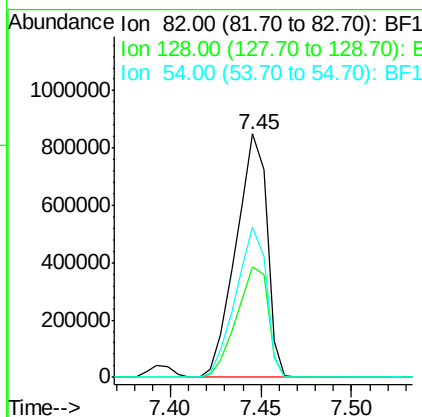
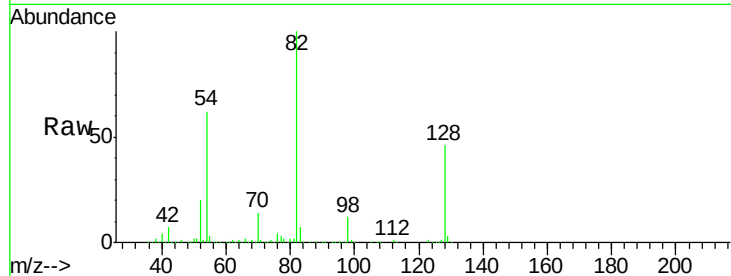
#23
 Nitrobenzene-d5
 Concen: 91.579 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampled :
 SB-01MS

Tot Ion: 82 Resp: 1011474
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 61.5 41.4 62.2

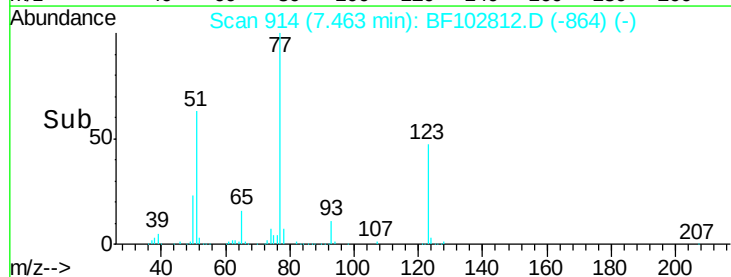
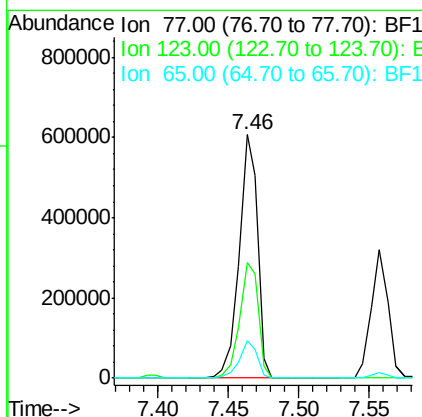
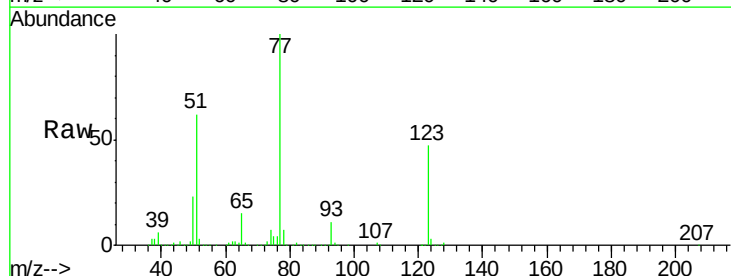
Manual Integrations
 APPROVED

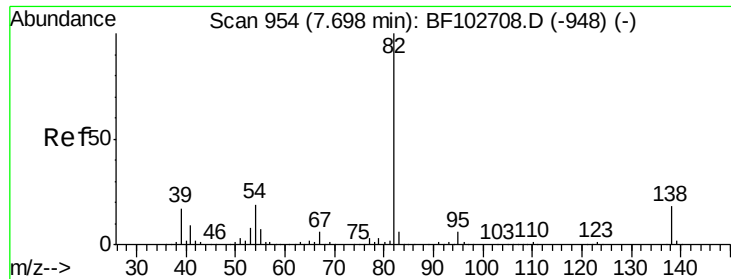
Sohil
 2/8/2018 1:41:05 PM



#24
 Nitrobenzene
 Concen: 42.136 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion: 77 Resp: 547489
 Ion Ratio Lower Upper
 77 100
 123 47.4 37.9 56.9
 65 15.4 11.0 16.4





#25

Isophorone

Concen: 39.741 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

SB-01MS

Tot Ion: 82 Resp: 1010708

Ion Ratio Lower Upper

82 100

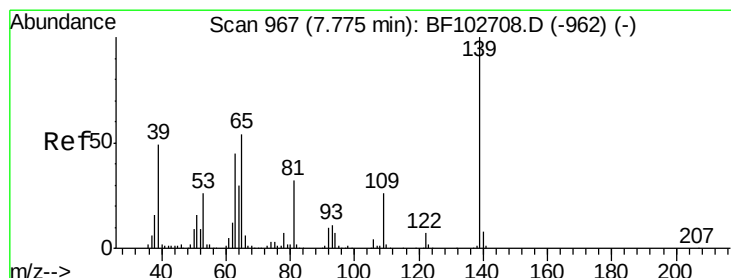
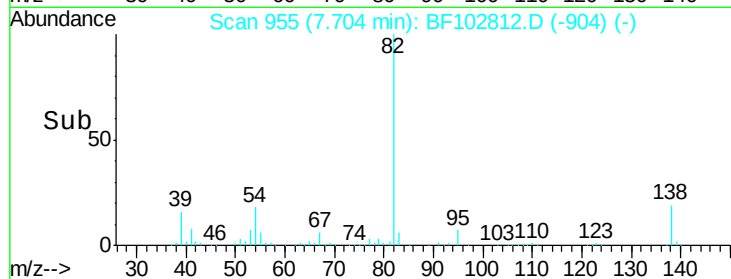
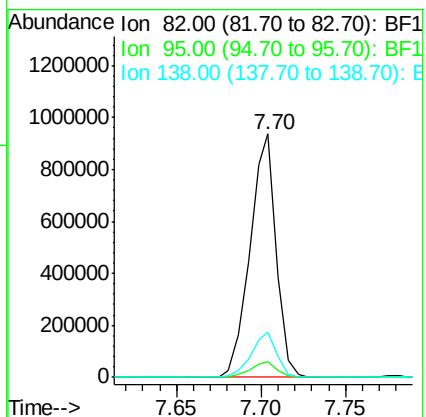
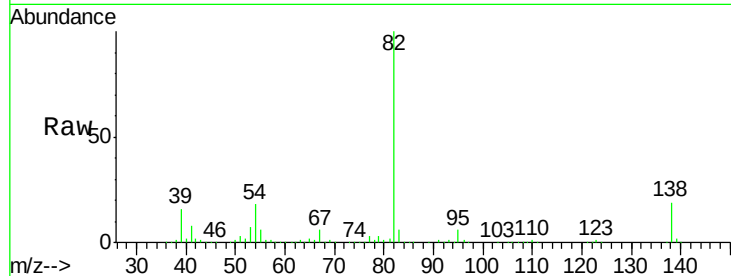
95 6.5 5.2 7.8

138 18.6 14.9 22.3

Manual Integrations
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Sohil

2/8/2018 1:41:05 PM



#26

2-Nitrophenol

Concen: 52.902 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

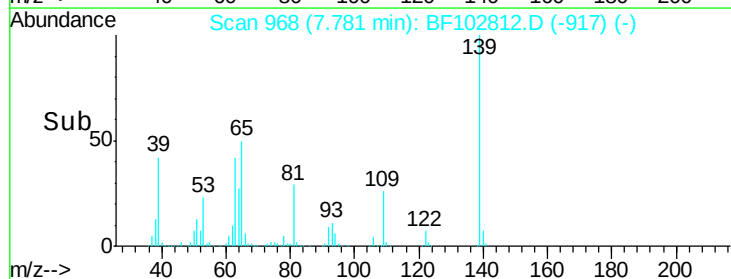
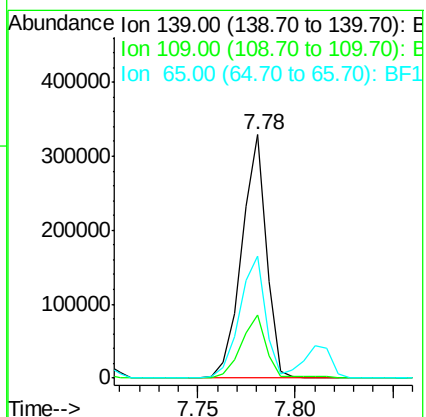
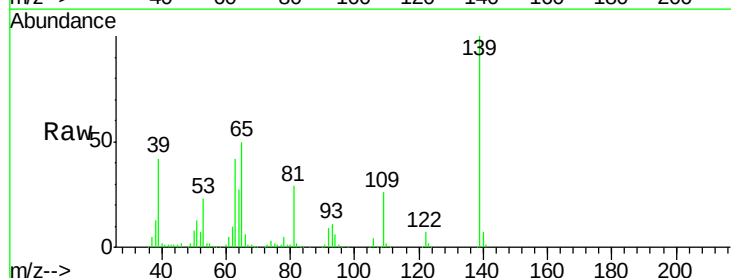
Tgt Ion: 139 Resp: 288129

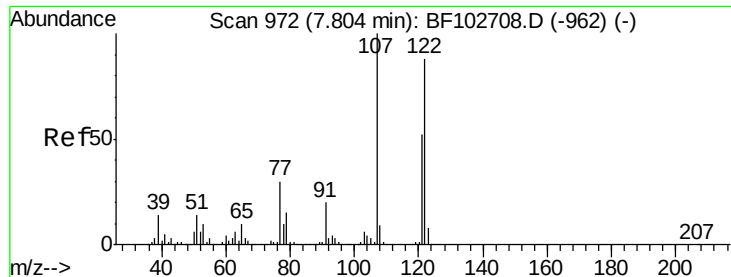
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 50.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.296 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

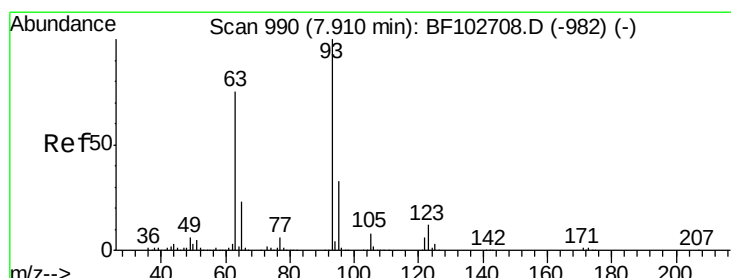
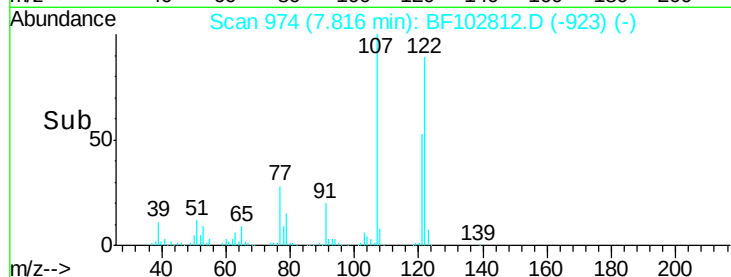
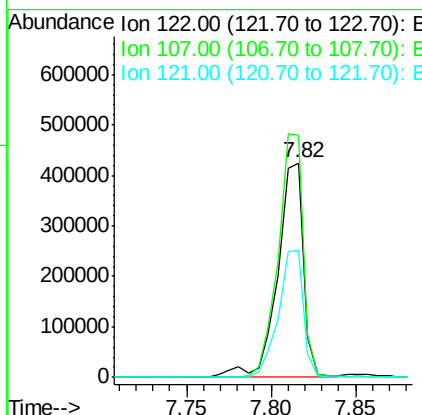
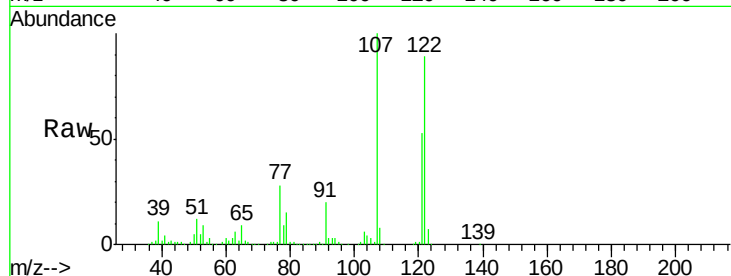
ClientSampleId :

SB-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	59.4	47.2	70.8

Manual Integrations
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2/8/2018 1:41:05 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.212 ng

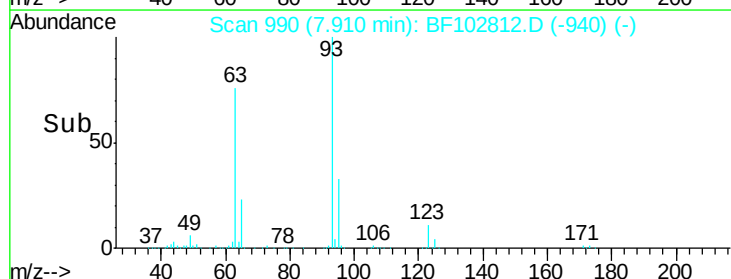
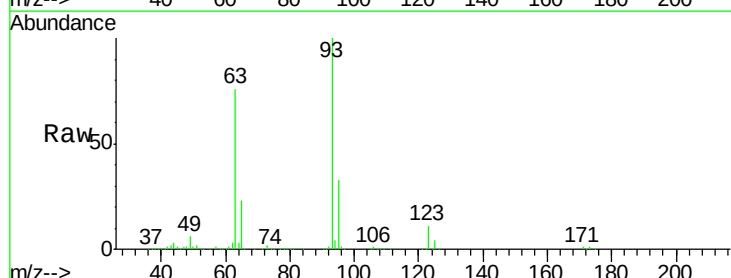
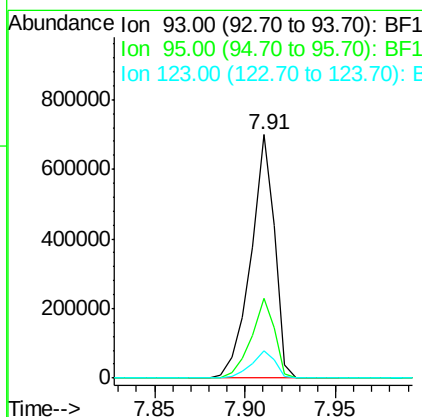
RT: 7.91 min Scan# 990

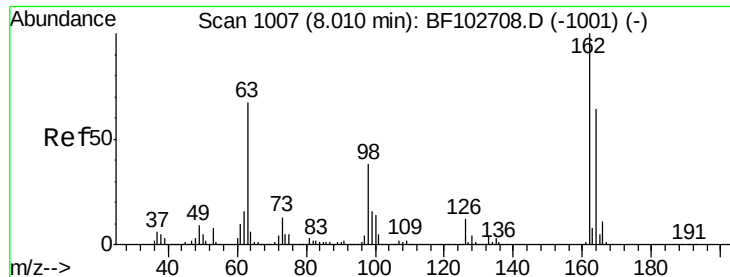
Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.2	9.8	14.6





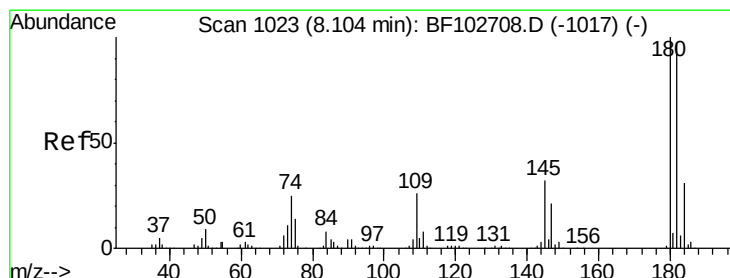
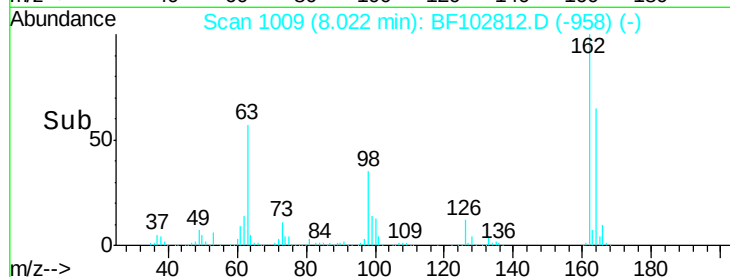
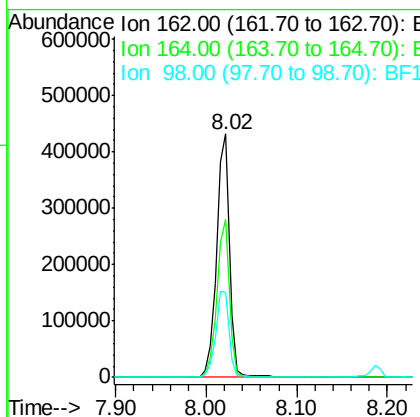
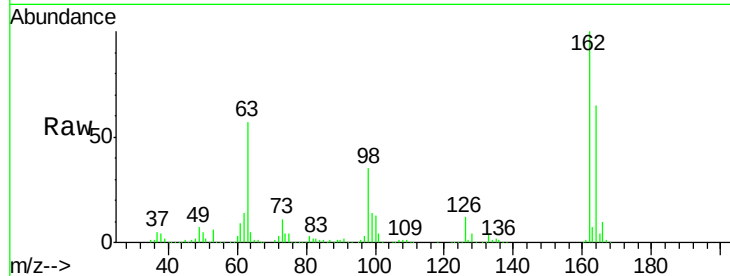
#29
 2,4-Dichlorophenol
 Concen: 43.320 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampled :
 SB-01MS

Tot Ion:	162	Resp:	423132
Ion Ratio		Lower	Upper
162	100		
164	65.0	42.7	82.7
98	35.0	18.1	58.1

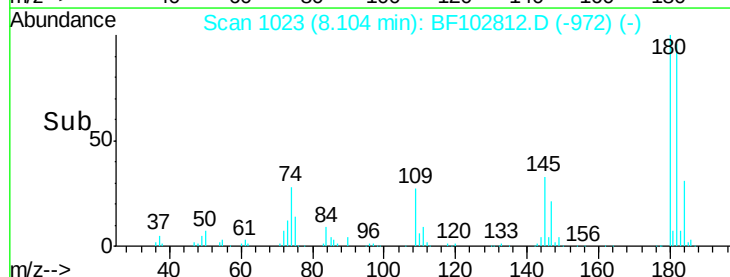
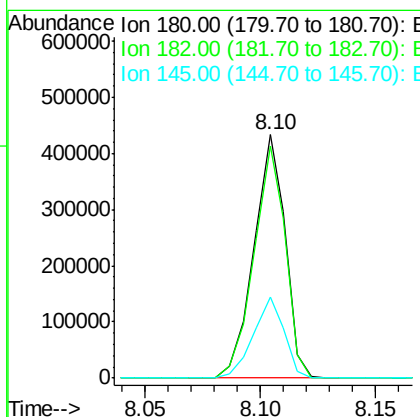
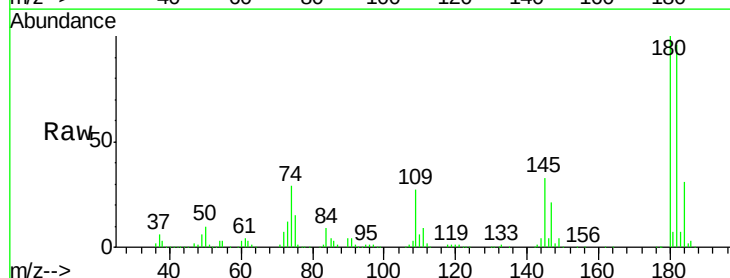
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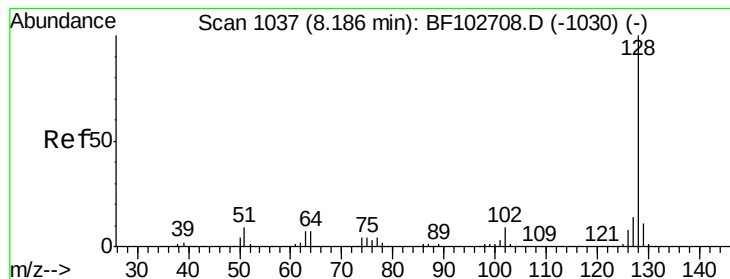
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.193 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:	180	Resp:	410982
Ion Ratio		Lower	Upper
180	100		
182	95.5	76.8	115.2
145	33.4	26.5	39.7





#31

Naphthalene

Concen: 37.910 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

SB-01MS

Tot Ion:128 Resp: 1419140

Ion Ratio Lower Upper

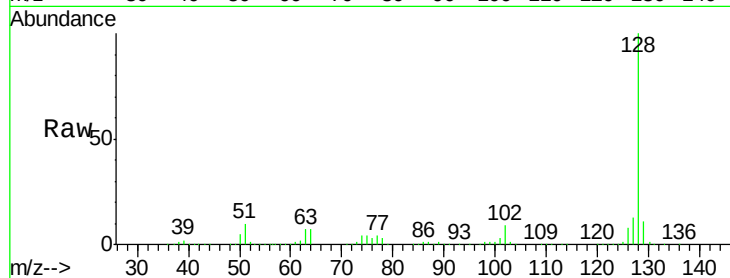
128 100

129 11.5 8.8 13.2

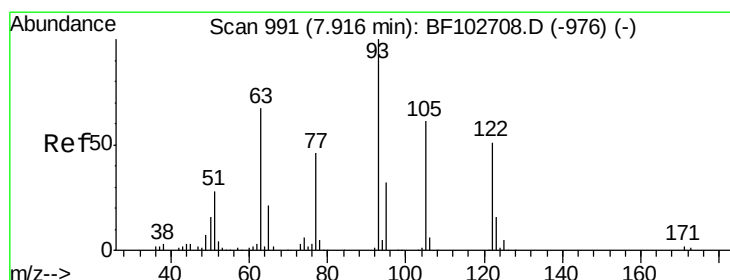
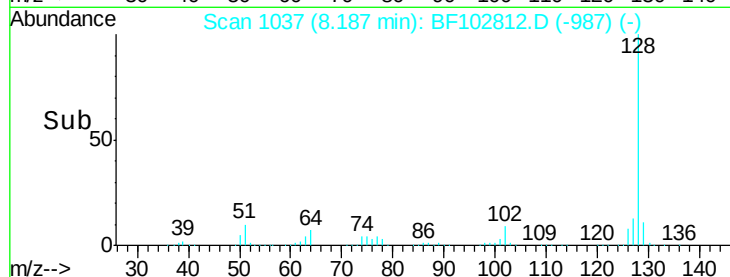
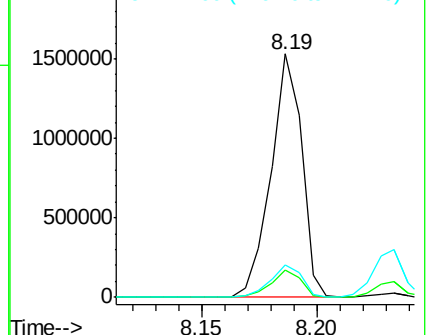
127 13.5 10.9 16.3

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



#32

Benzoic acid

Concen: 9.935 ng m

RT: 7.85 min Scan# 980

Delta R.T. -0.08 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

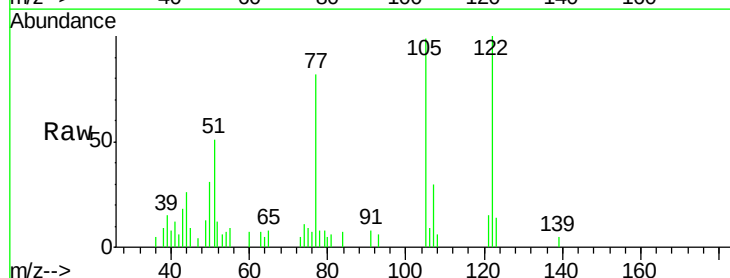
Tgt Ion:122 Resp: 10967

Ion Ratio Lower Upper

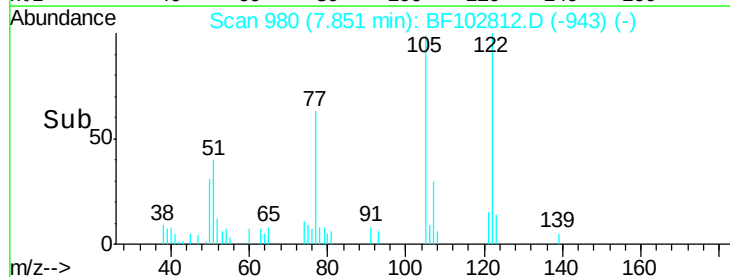
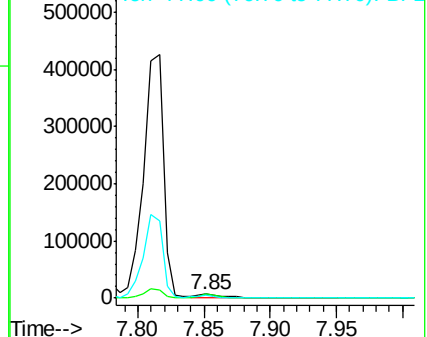
122 100

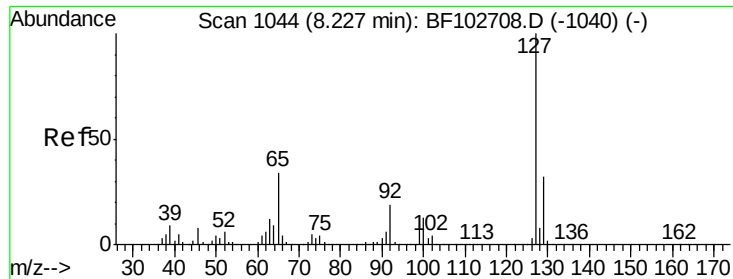
105 99.1 101.1 141.1#

77 82.1 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





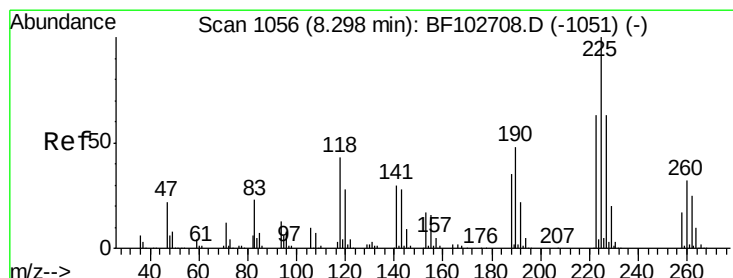
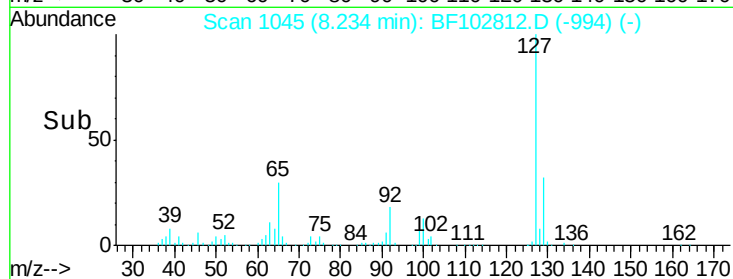
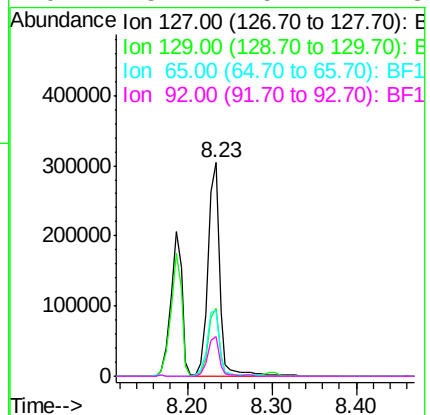
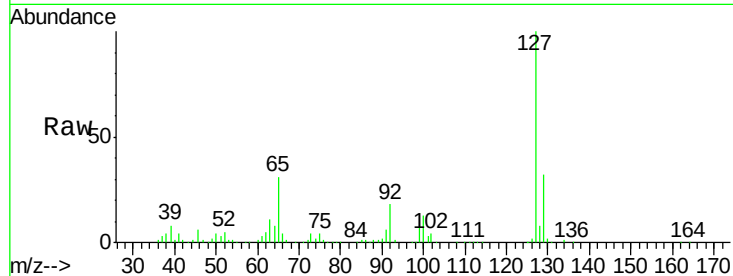
#33
4-Chloroaniline
Concen: 18.375 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :
SB-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		296316		
129	31.7	25.9	38.9		
65	30.7	25.0	37.4		
92	18.4	15.2	22.8		

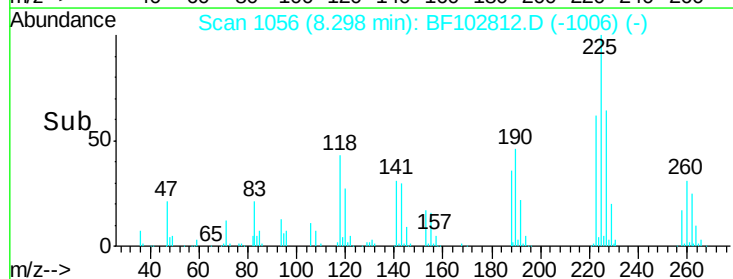
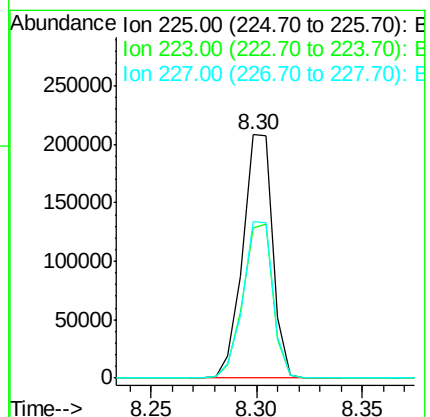
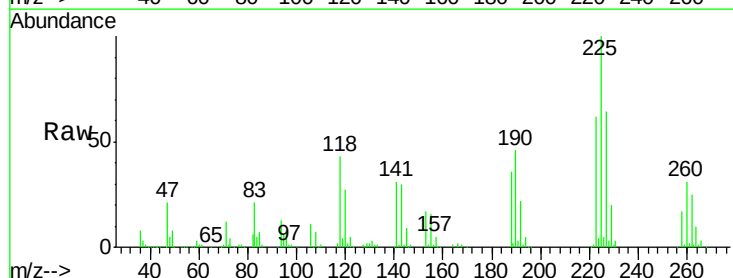
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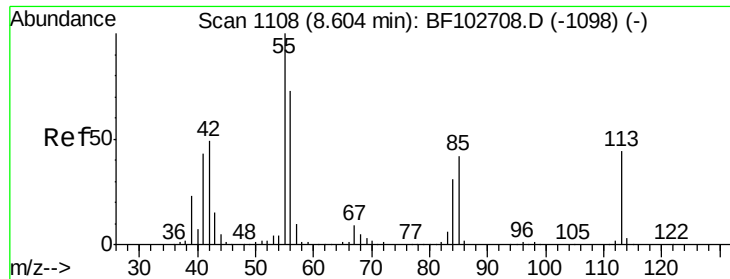
Sohil
2/8/2018 1:41:05 PM



#34
Hexachlorobutadiene
Concen: 36.120 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		204520		
223	61.9	50.6	76.0		
227	64.3	51.9	77.9		





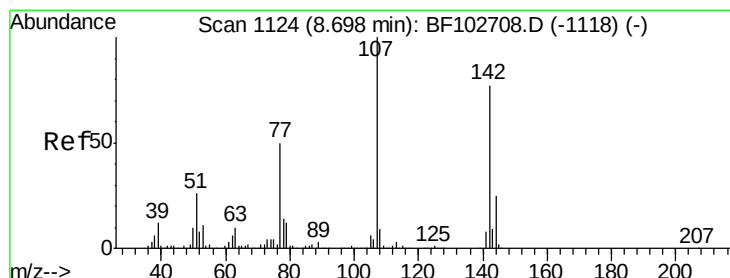
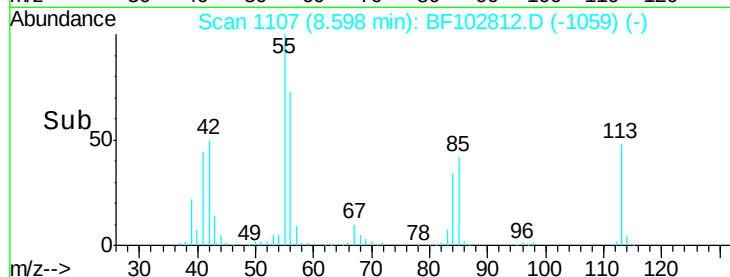
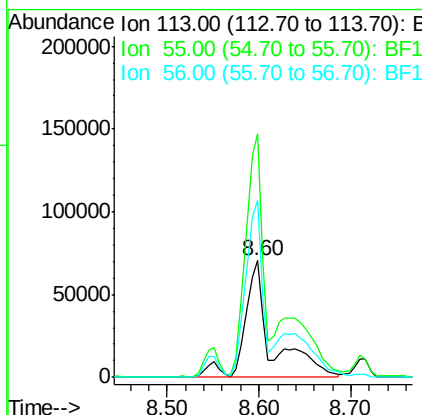
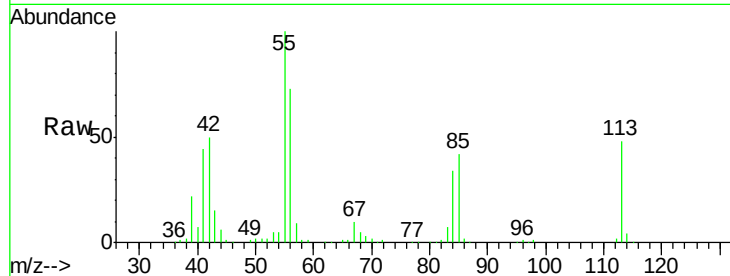
#35
Caprolactam
Concen: 42.609 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleID :
SB-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	209.4	163.3	203.3#		
56	152.6	115.7	155.7		

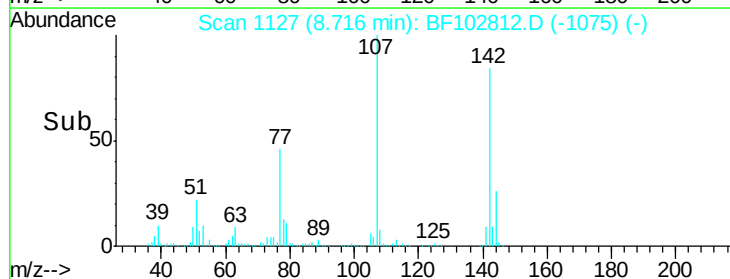
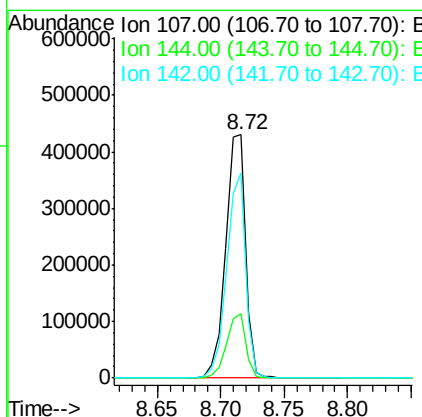
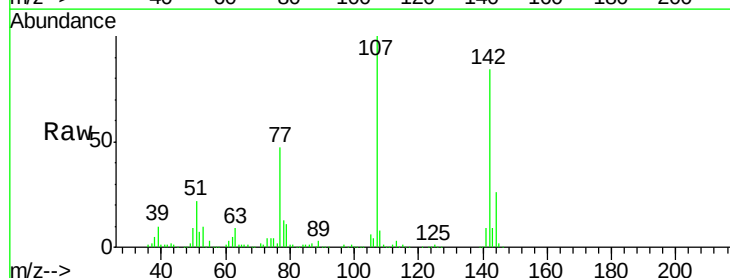
Manual Integrations
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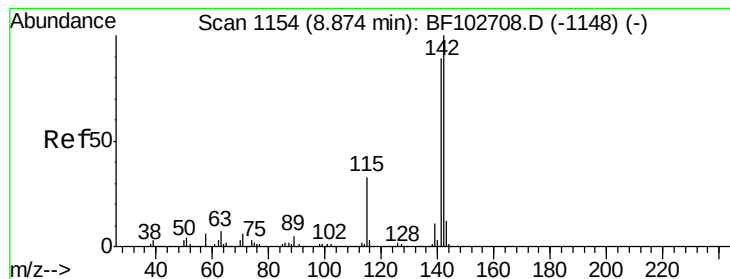
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 42.753 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2	20.5	30.7		
142	84.1	62.0	93.0		





#37

2-Methylnaphthalene

Concen: 38.669 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampled :

SB-01MS

Tot Ion:142 Resp: 947718

Ion Ratio Lower Upper

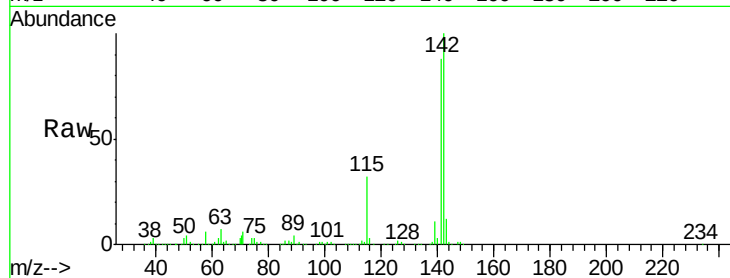
142 100

141 88.4 70.8 106.2

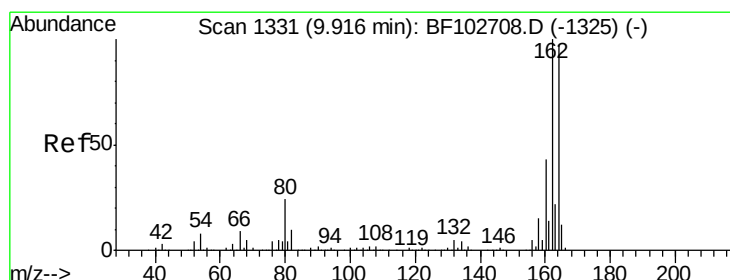
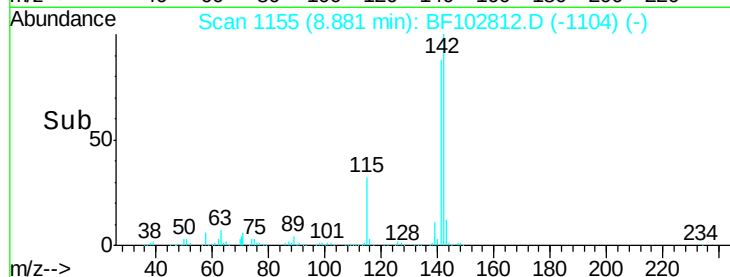
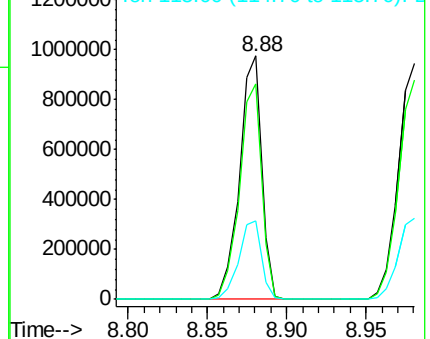
115 32.1 26.1 39.1

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

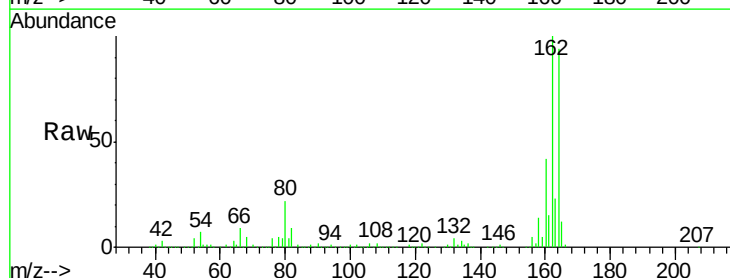
Tgt Ion:164 Resp: 345292

Ion Ratio Lower Upper

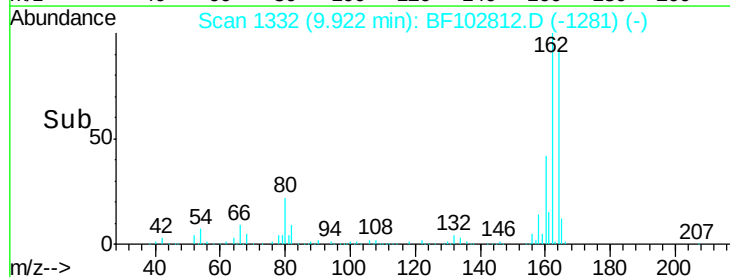
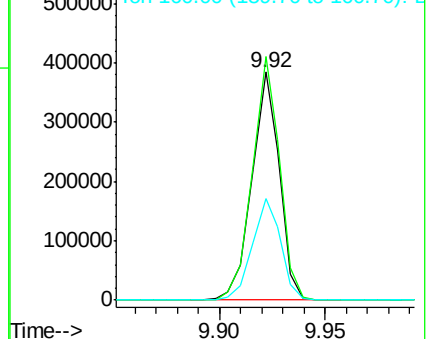
164 100

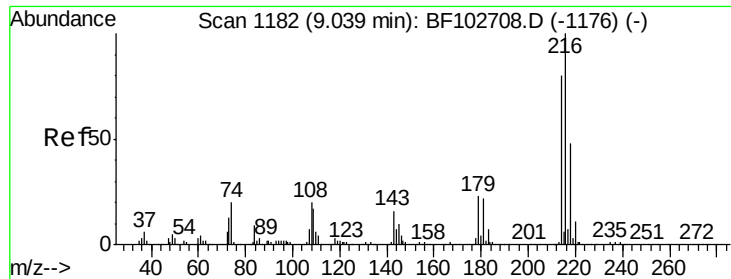
162 106.9 86.1 129.1

160 44.7 38.3 57.5



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





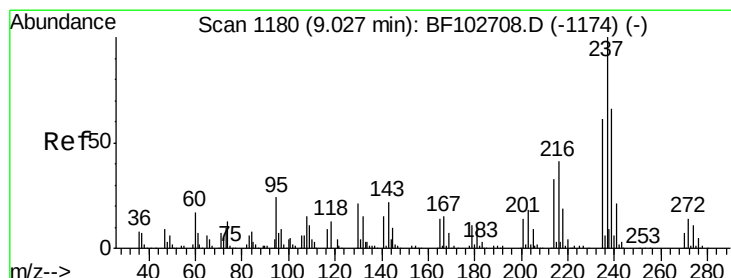
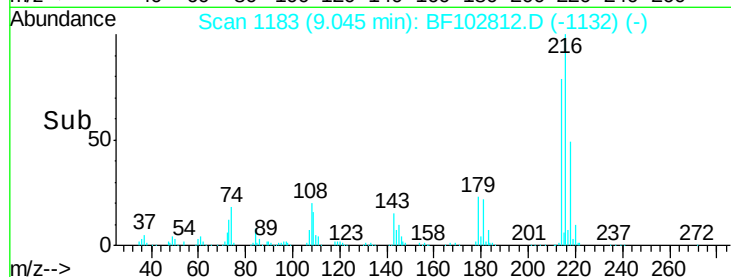
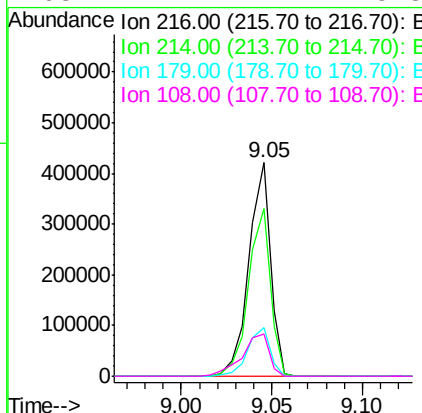
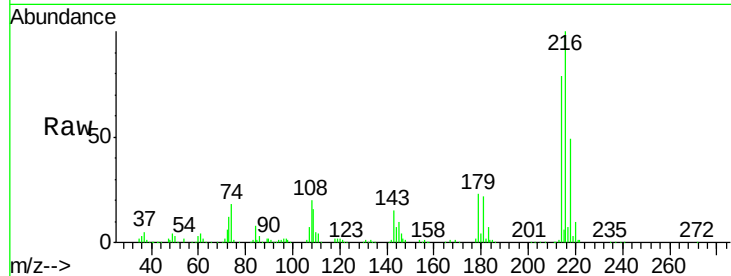
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.336 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		351025		
214	79.8	63.0	94.4		
179	23.6	18.1	27.1		
108	24.7	17.2	25.8		

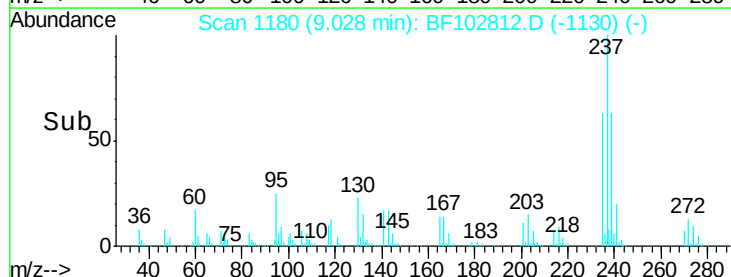
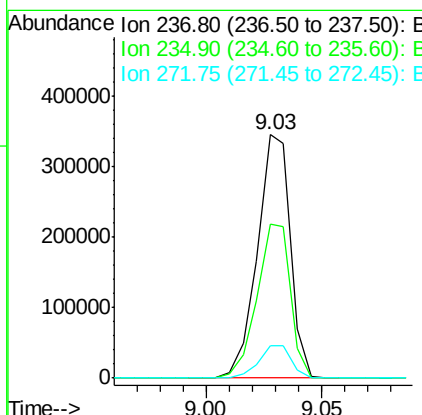
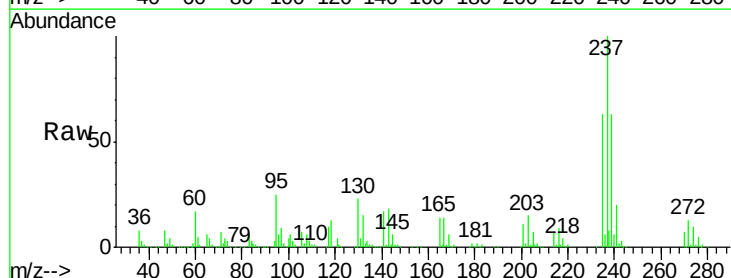
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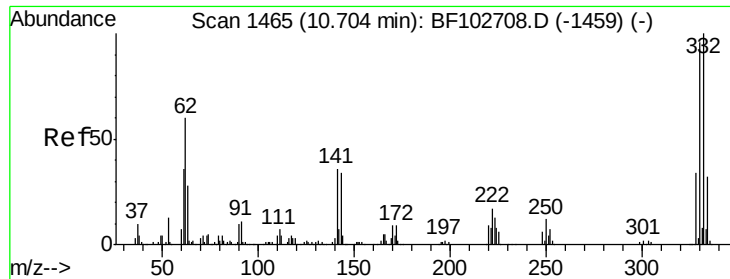
Sohil
 2/8/2018 1:41:05 PM



#40
 Hexachlorocyclopentadiene
 Concen: 76.833 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		343393		
235	63.3	44.8	84.8		
272	13.3	0.0	33.3		





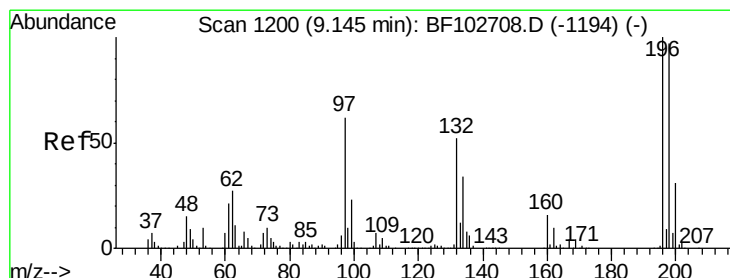
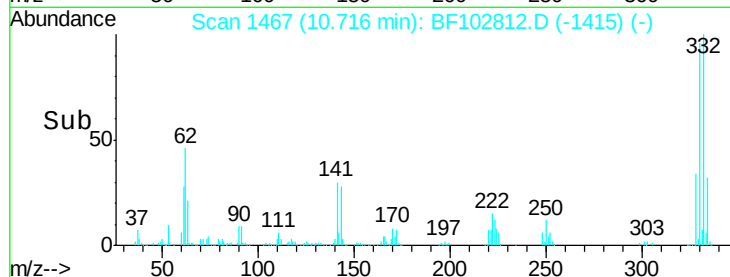
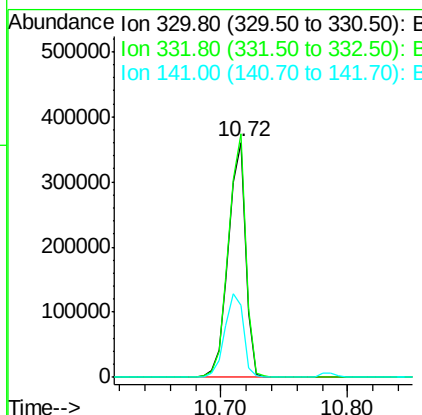
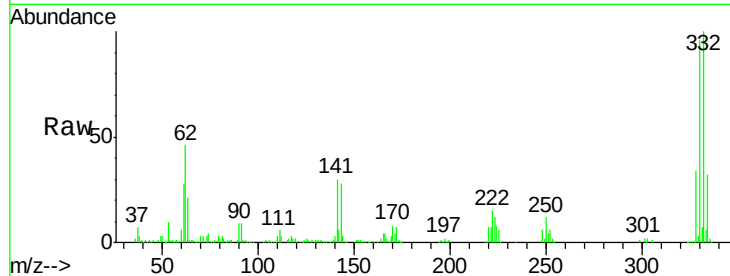
#41
 2,4,6-Tribromophenol
 Concen: 123.066 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampled :
 SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	102.9	77.0	115.6	
141	38.3	29.9	44.9	

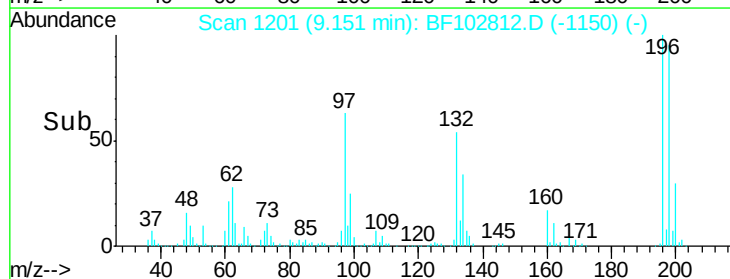
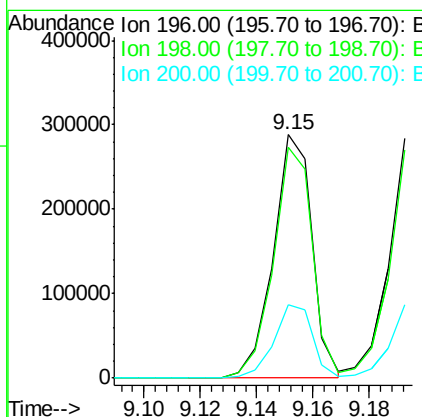
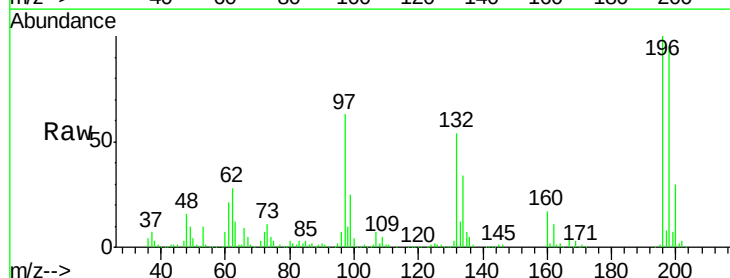
Manual Integrations
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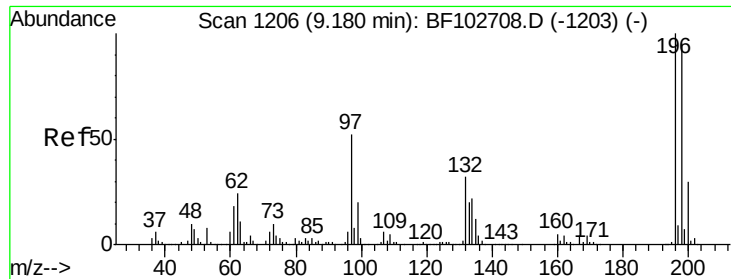
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 44.355 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.9	75.7	113.5	
200	30.2	24.5	36.7	





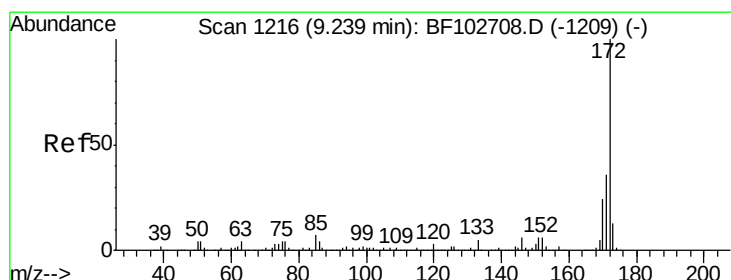
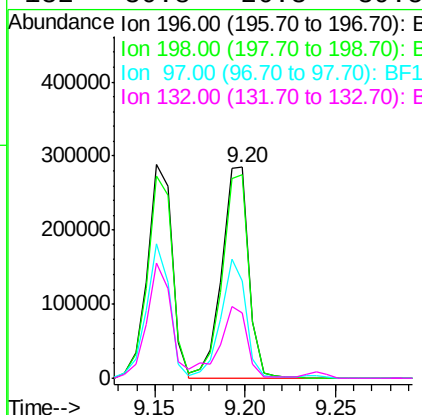
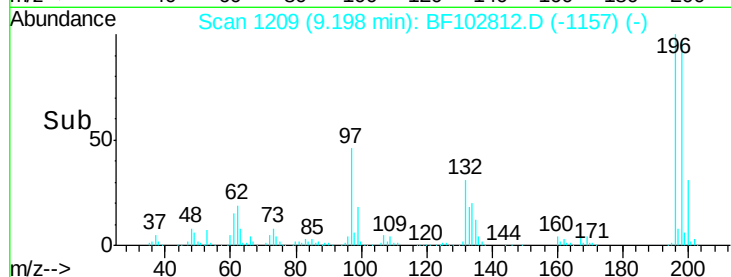
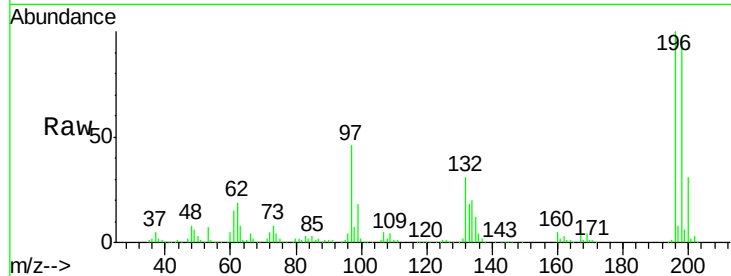
#43
 2,4,5-Trichlorophenol
 Concen: 42.389 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampled :
 SB-01MS

Tot Ion:	196	Resp:	295033
Ion Ratio	Lower	Upper	
196	100		
198	96.7	74.6	112.0
97	45.9	42.9	64.3
132	30.8	26.3	39.5

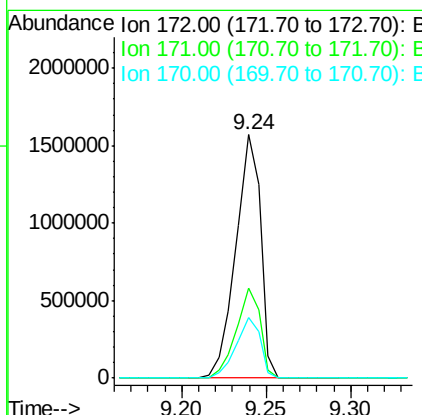
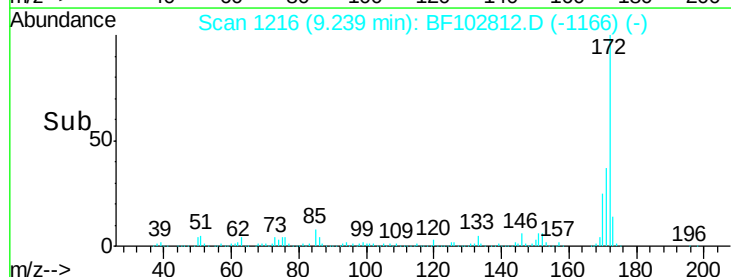
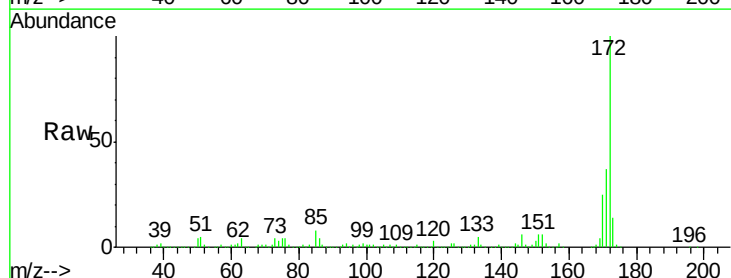
Manual Integrations
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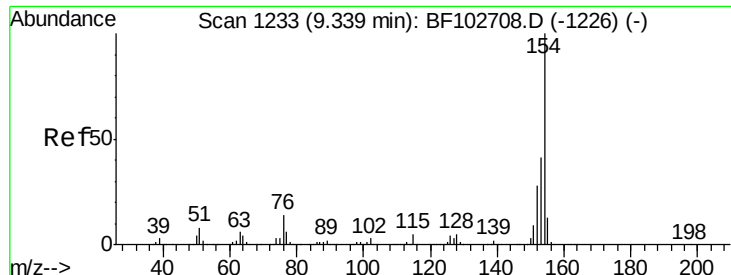
Sohil
 2/8/2018 1:41:05 PM



#44
 2-Fluorobiphenyl
 Concen: 77.144 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion:	172	Resp:	1605267
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.7	44.5
170	25.0	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.335 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampled :

SB-01MS

Tot Ion:154 Resp: 1085815

Ion Ratio Lower Upper

154 100

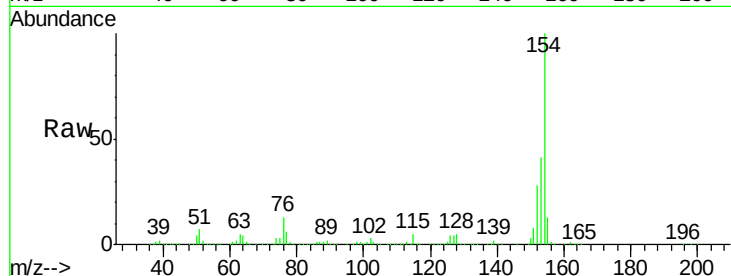
153 40.6 21.3 61.3

76 12.6 0.0 34.0

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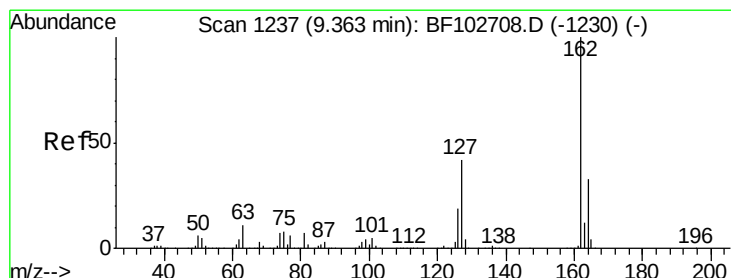
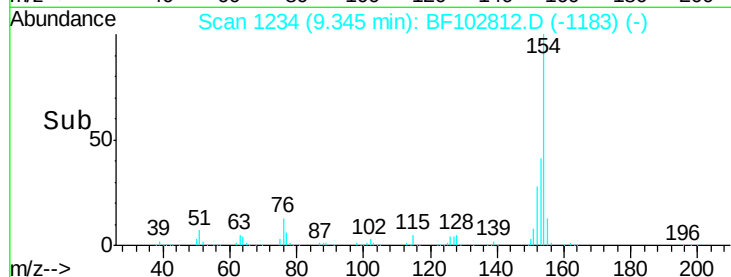
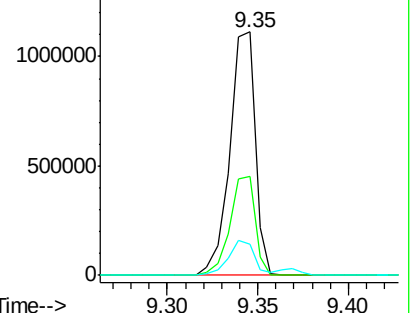
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.992 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

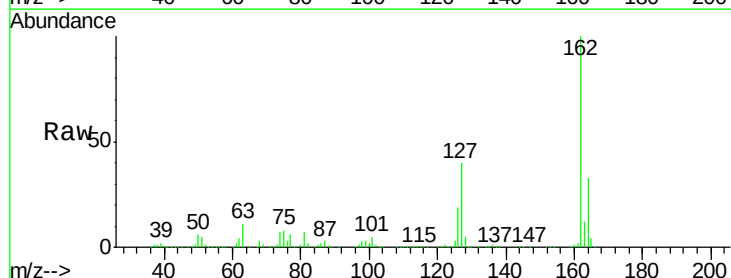
Tgt Ion:162 Resp: 869869

Ion Ratio Lower Upper

162 100

127 40.4 33.9 50.9

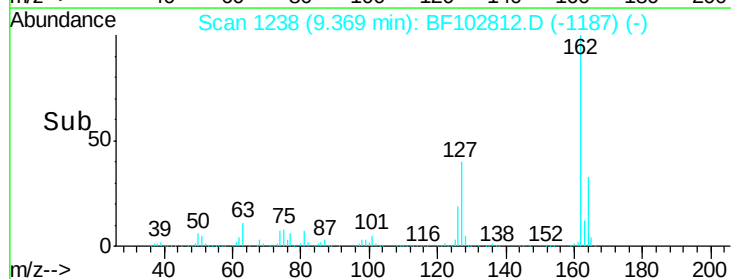
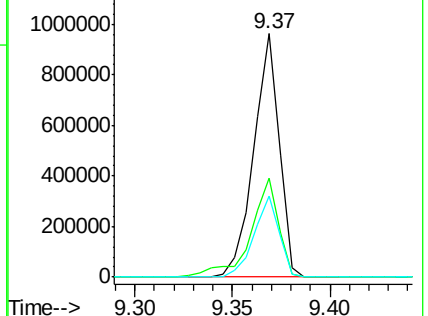
164 33.1 26.5 39.7

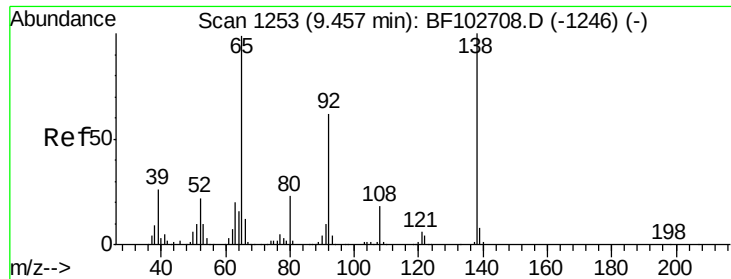


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





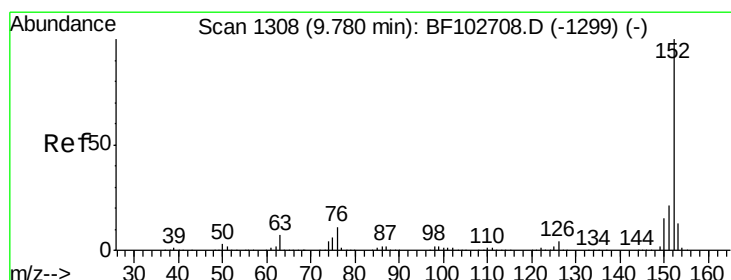
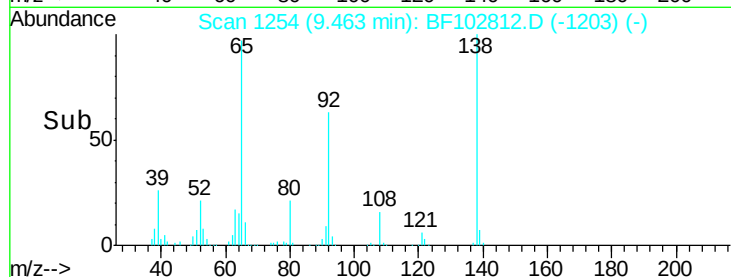
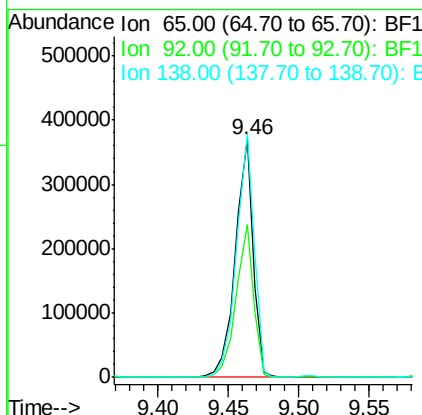
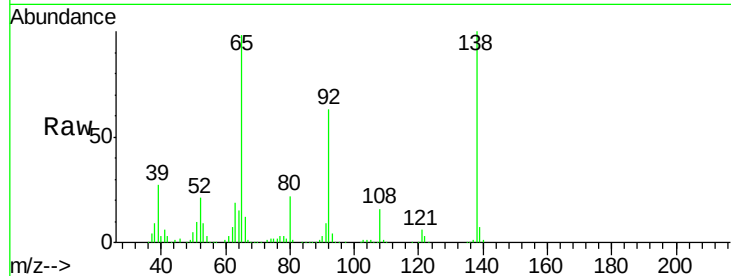
#47
2-Nitroaniline
Concen: 46.081 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :
SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	64.1	55.8	83.6	
138	102.3	91.2	136.8	

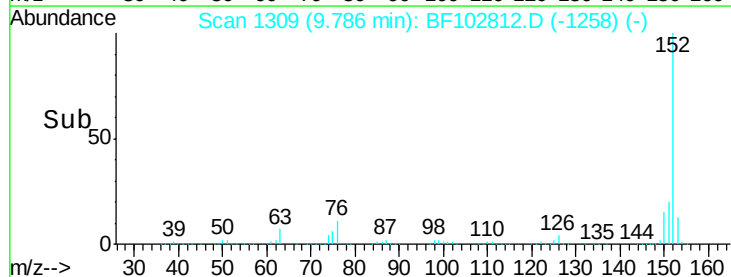
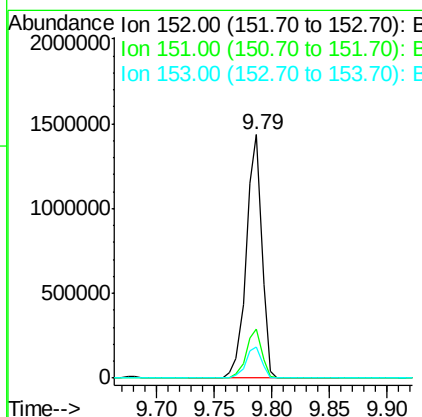
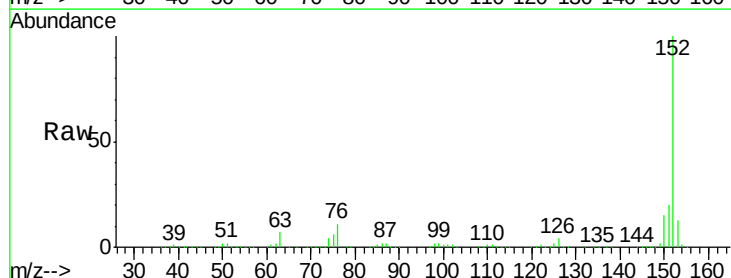
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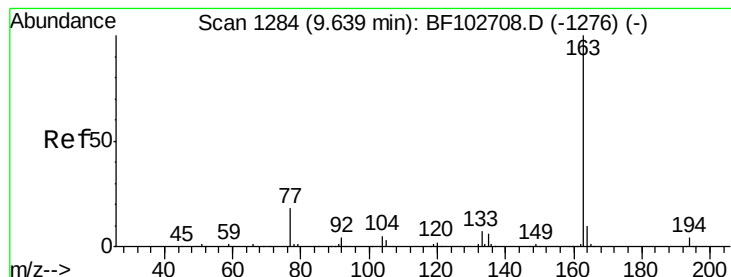
Sohil
2/8/2018 1:41:05 PM



#48
Acenaphthylene
Concen: 37.449 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.3	16.3	24.5	
153	13.0	10.7	16.1	





#49

Dimethylphthalate

Concen: 42.247 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampled :

SB-01MS

Tot Ion:163 Resp: 1137427

Ion Ratio Lower Upper

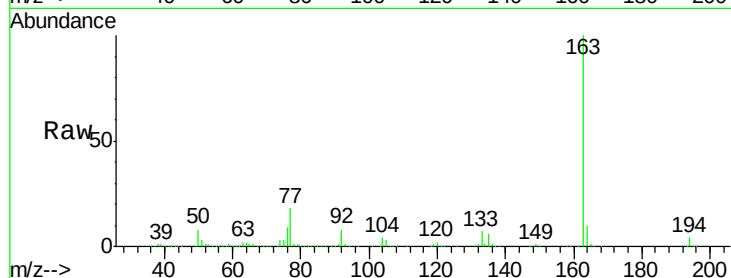
163 100

194 3.6 2.7 4.1

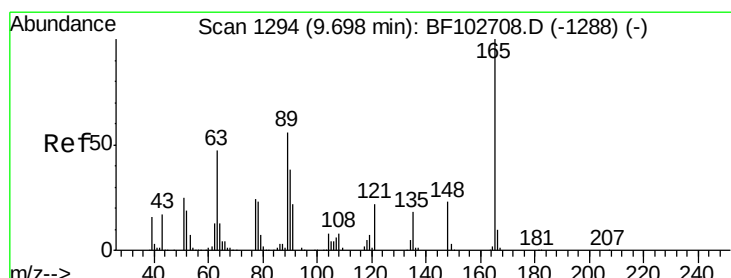
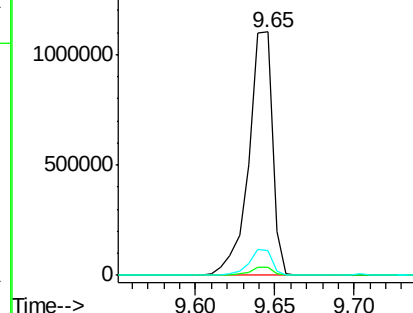
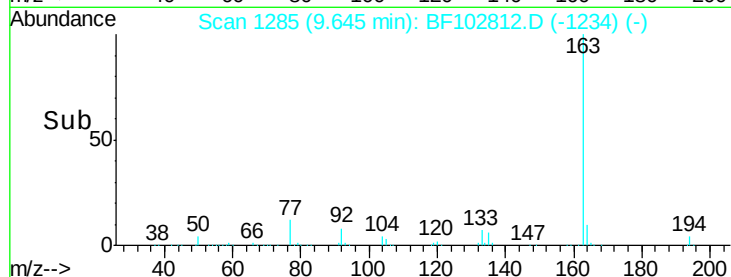
164 9.9 8.2 12.2

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Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.486 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

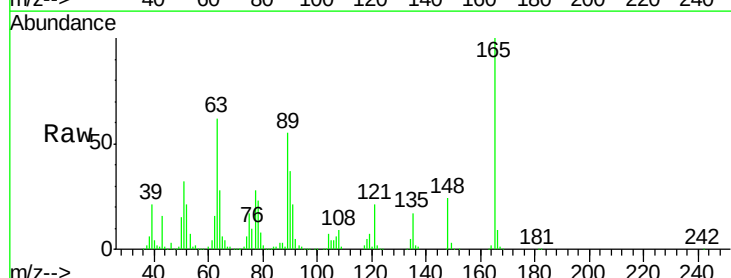
Tgt Ion:165 Resp: 232989

Ion Ratio Lower Upper

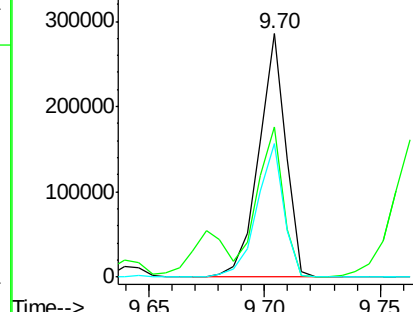
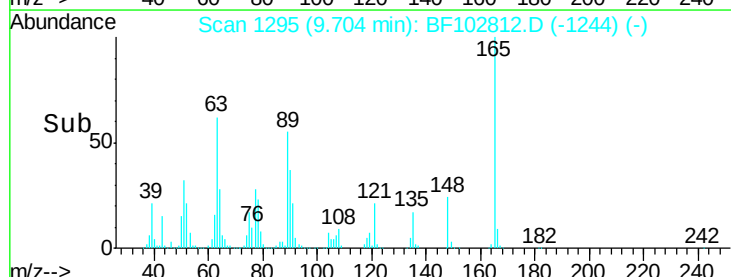
165 100

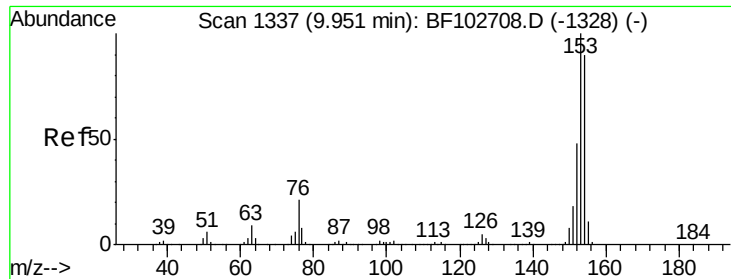
63 61.5 44.7 67.1

89 55.0 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
300000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.790 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

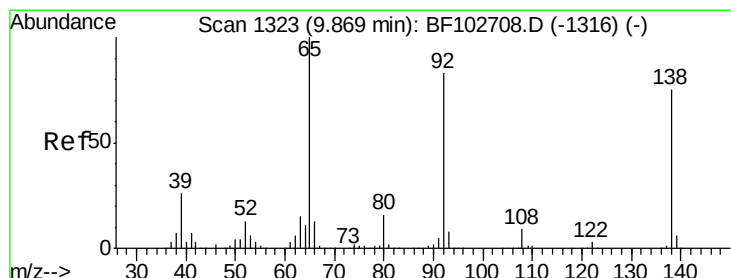
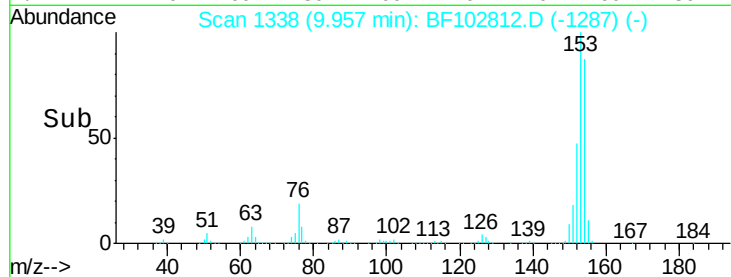
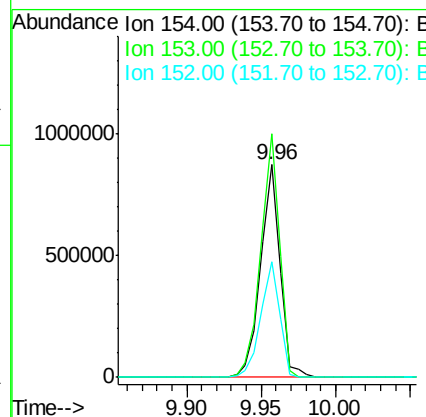
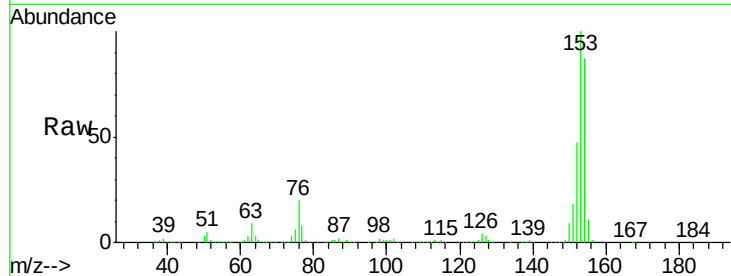
ClientSampled :

SB-01MS

Tot Ion:	154	Resp:	782418
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	54.2	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 33.260 ng

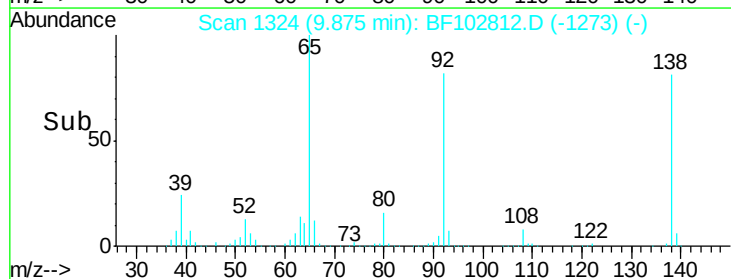
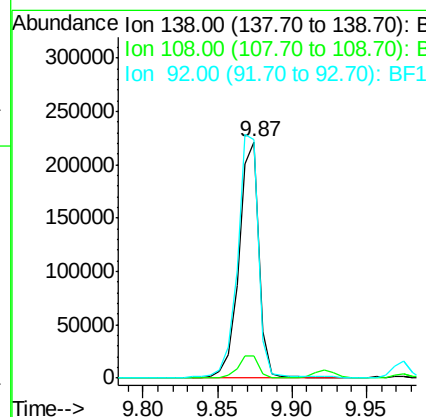
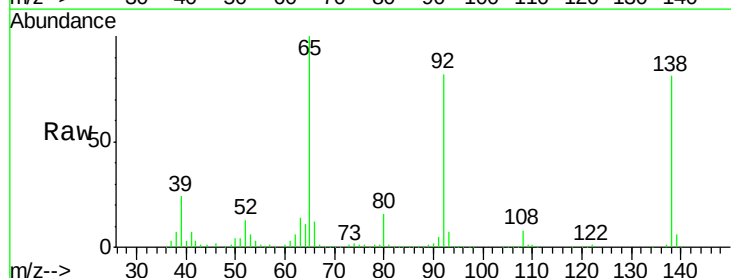
RT: 9.87 min Scan# 1324

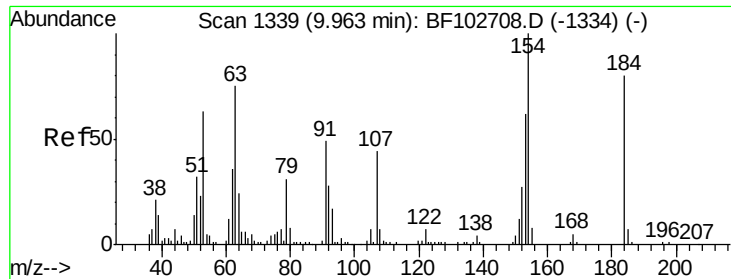
Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Tgt Ion:	138	Resp:	209624
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.4	14.0#
92	101.1	89.4	134.2





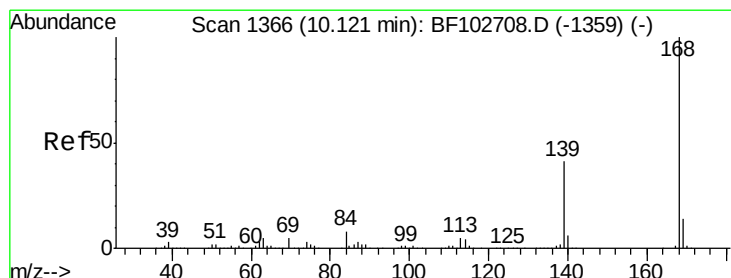
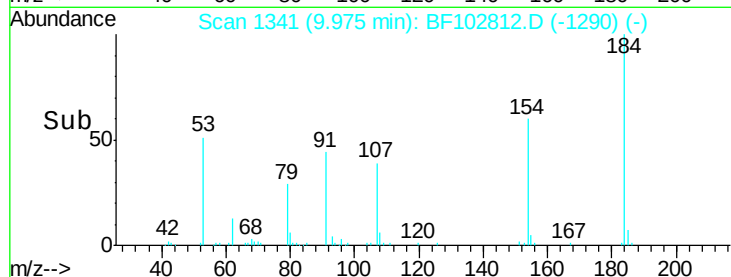
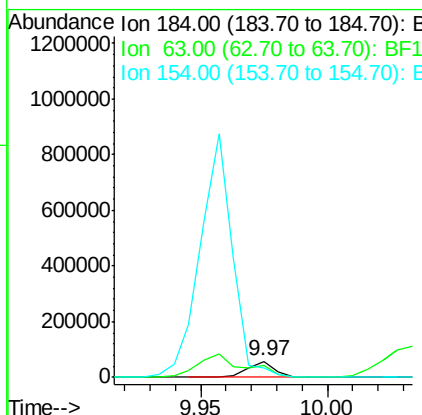
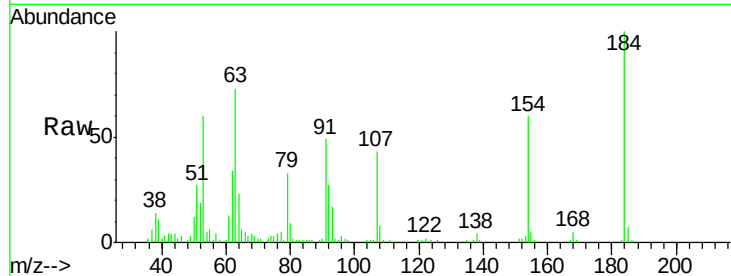
#53
2,4-Dinitrophenol
Concen: 40.832 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :
SB-01MS

Tot Ion:184 Resp: 44360
Ion Ratio Lower Upper
184 100
63 72.7 54.2 81.2
154 60.3 184.0 276.0#

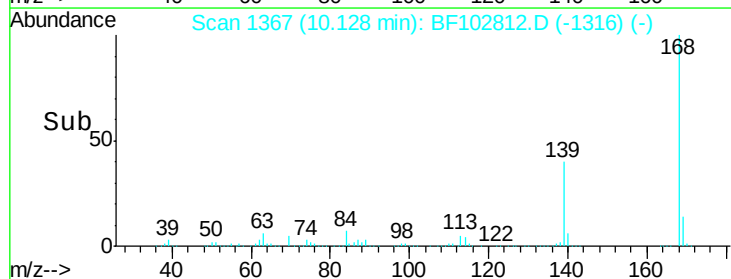
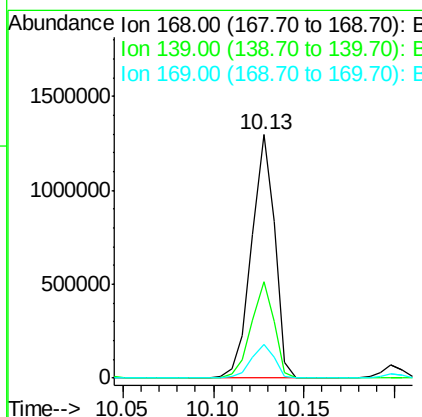
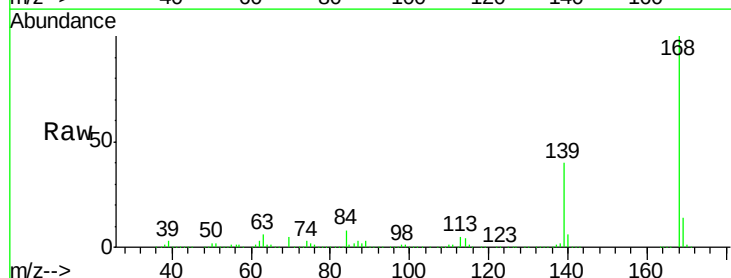
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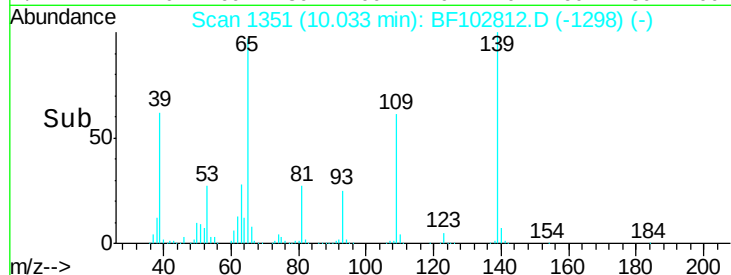
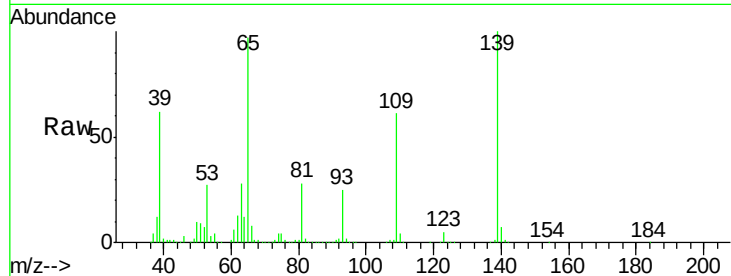
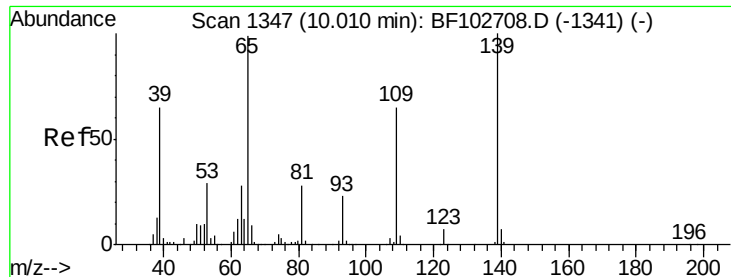
Sohil
2/8/2018 1:41:05 PM



#54
Dibenzofuran
Concen: 38.584 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion:168 Resp: 1156393
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 13.6 10.9 16.3





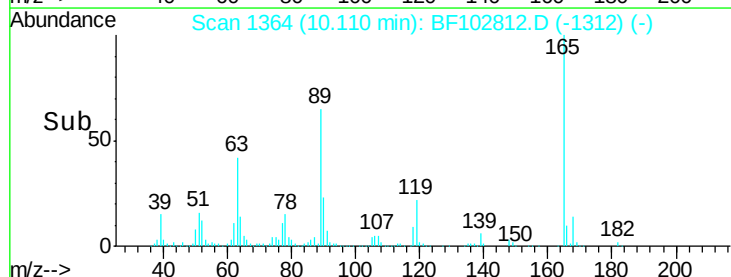
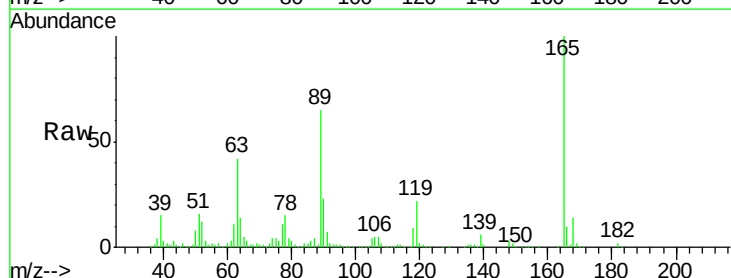
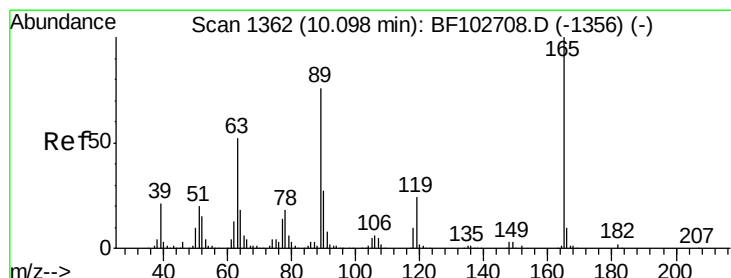
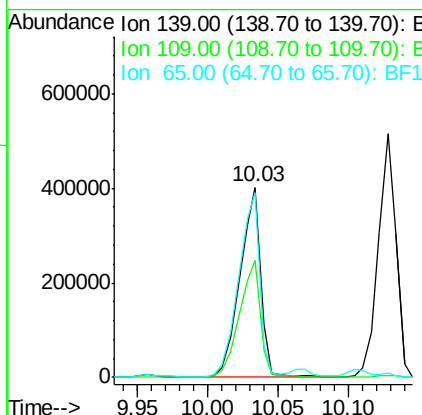
#55
4-Nitrophenol
Concen: 79.747 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :
SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	412969		
109	61.2	48.4	88.4	
65	97.3	72.6	112.6	

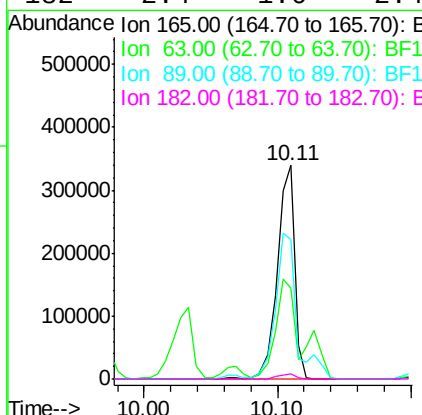
Manual Integrations
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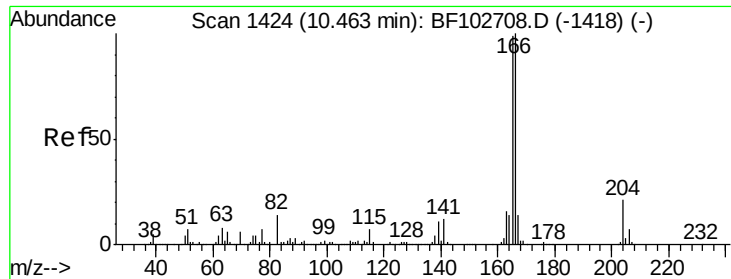
Sohil
2/8/2018 1:41:05 PM



#56
2,4-Dinitrotoluene
Concen: 45.527 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	311588		
63	42.4	36.4	54.6	
89	65.4	57.8	86.6	
182	2.4	1.6	2.4	





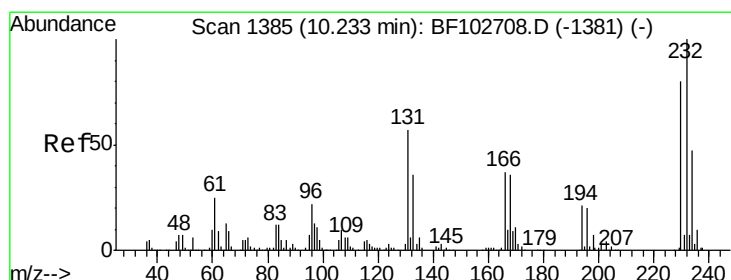
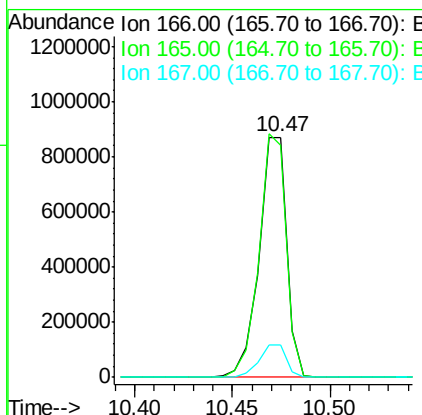
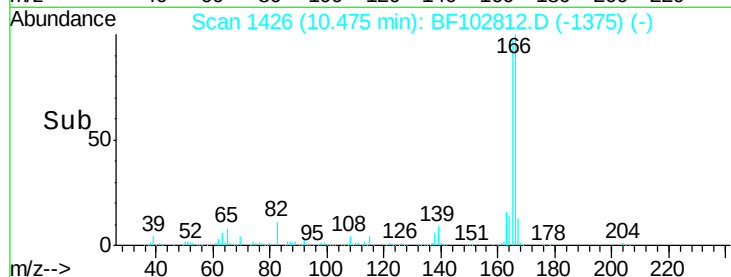
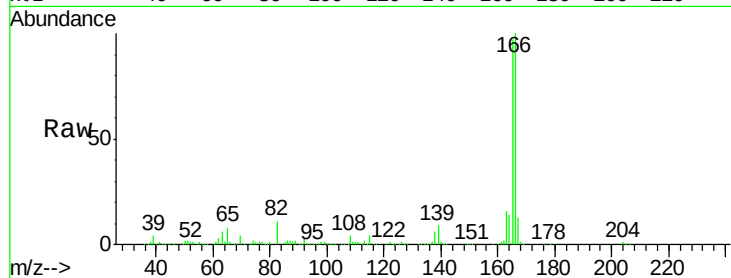
#57
 Fluorene
 Concen: 39.223 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.8	119.8
167	13.3	10.6	16.0

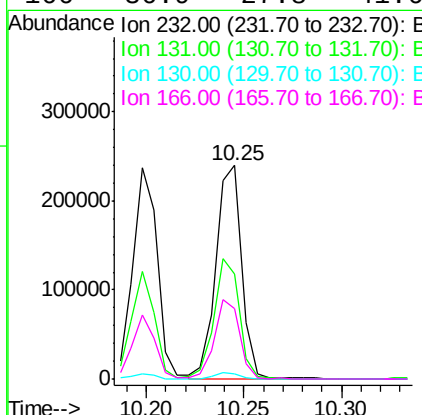
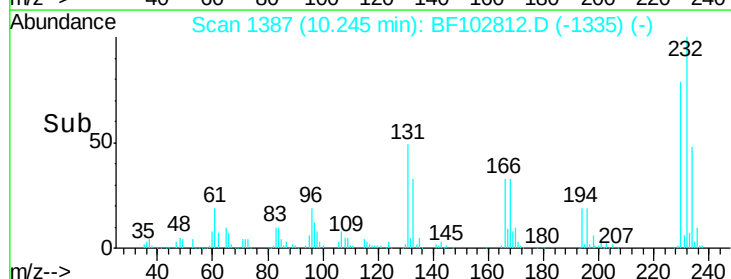
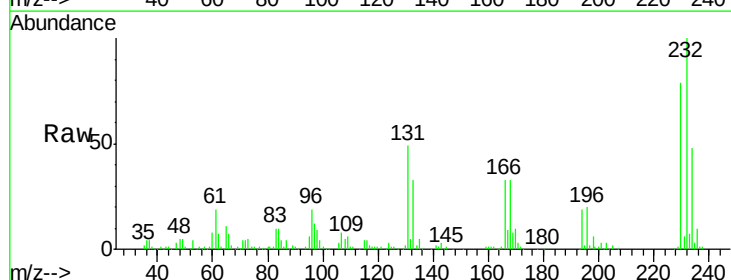
Manual Integrations
 APPROVED

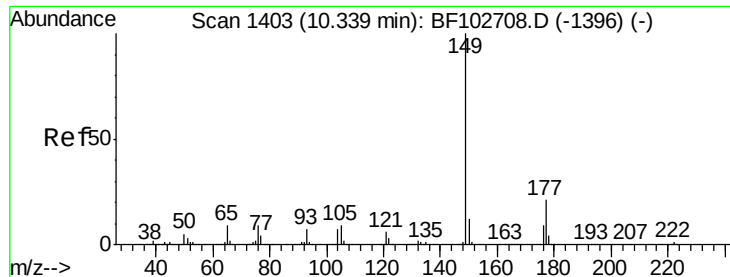
Sohil
 2/8/2018 1:41:05 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.345 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.2	43.8	65.8
130	2.8	2.1	3.1
166	36.9	27.8	41.6





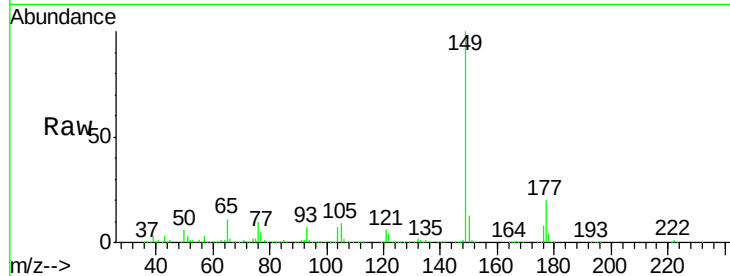
#59
Diethylphthalate
Concen: 37.443 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :
SB-01MS

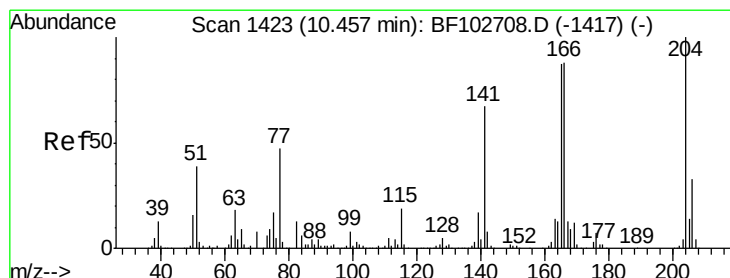
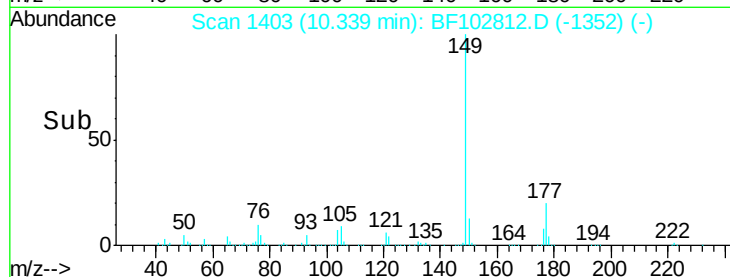
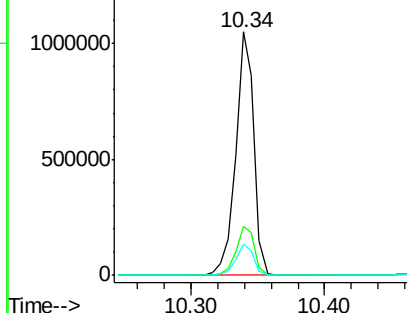
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	12.6	10.1	15.1

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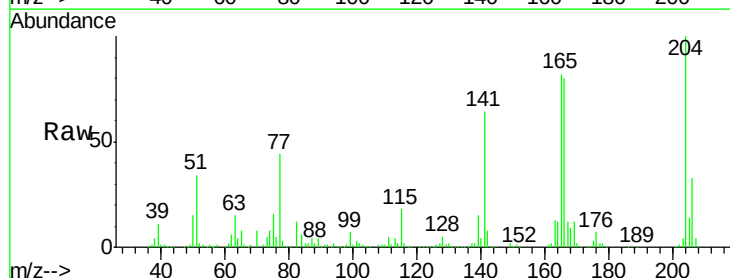


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

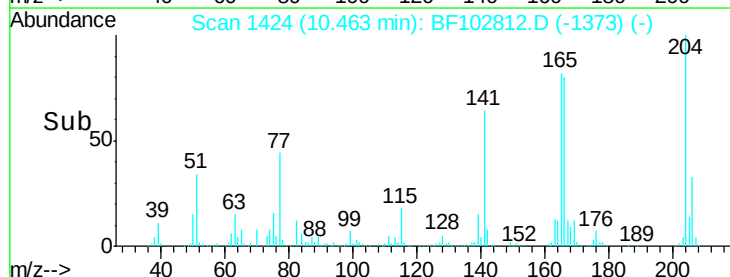
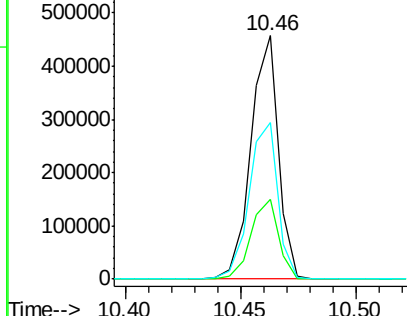


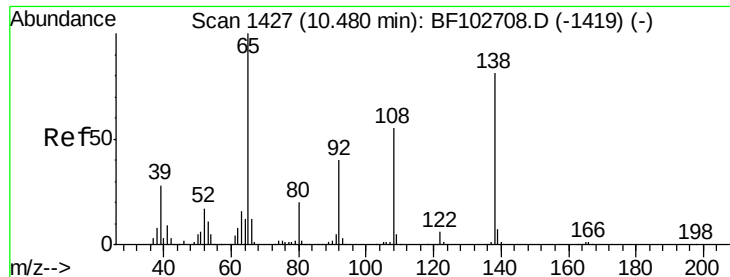
#60
4-Chlorophenyl-phenylether
Concen: 39.497 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	64.5	54.6	81.8



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





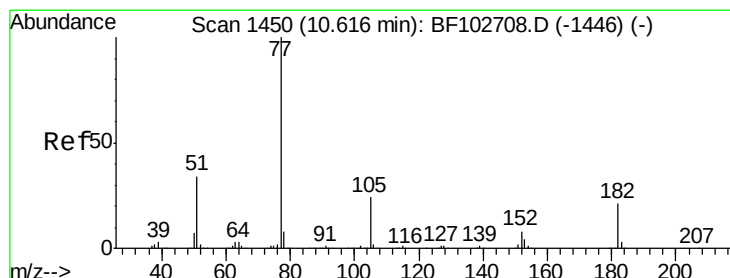
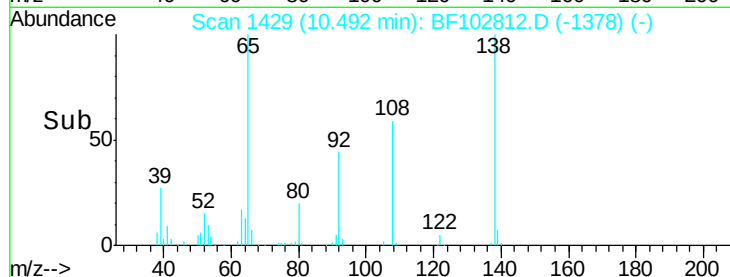
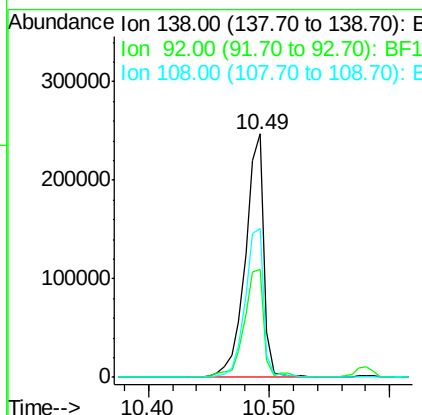
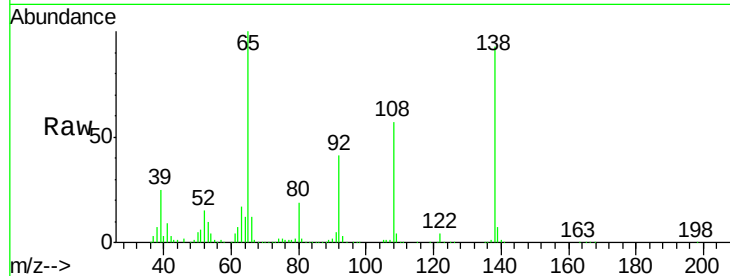
#61
4-Nitroaniline
Concen: 44.187 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :
SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	265081		
92	44.1	30.2	70.2	
108	61.0	52.5	92.5	

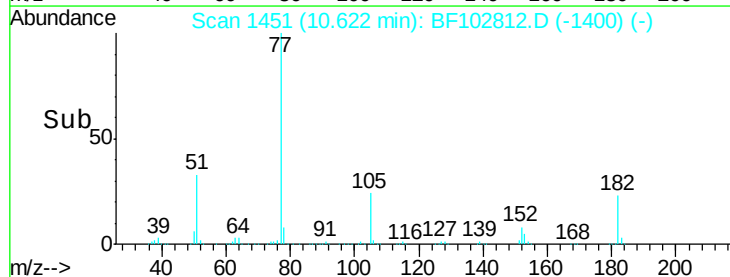
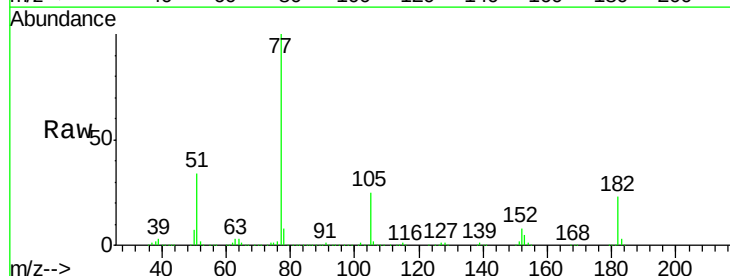
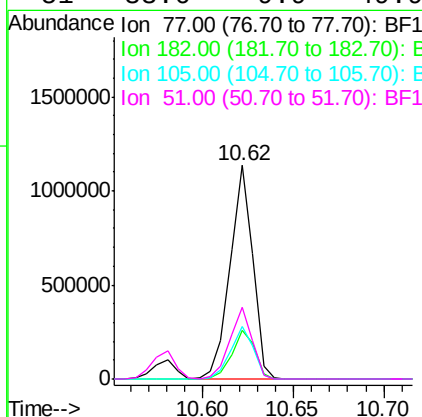
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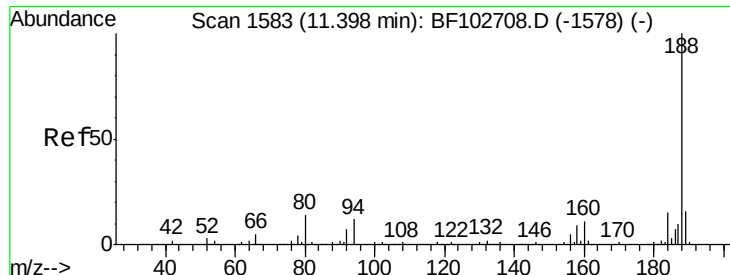
Sohil
2/8/2018 1:41:05 PM



#62
Azobenzene
Concen: 37.354 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	992031		
182	22.7	1.7	41.7	
105	24.6	3.0	43.0	
51	33.6	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

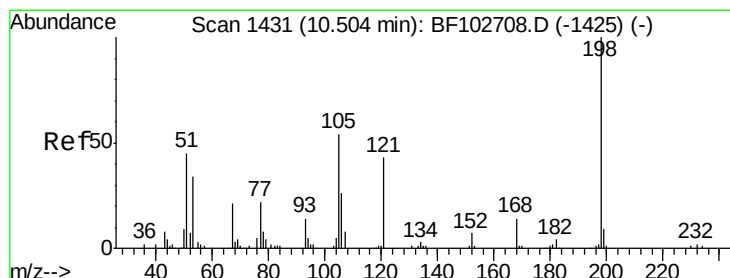
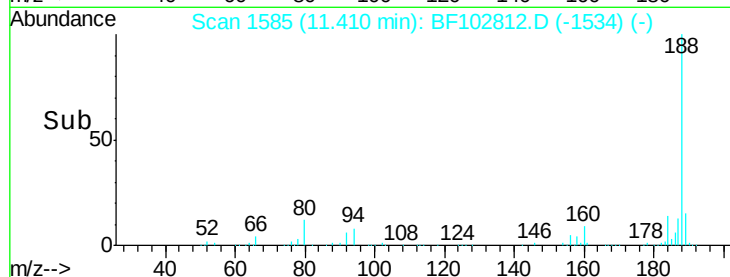
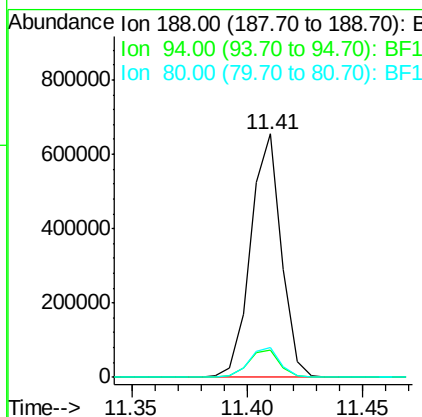
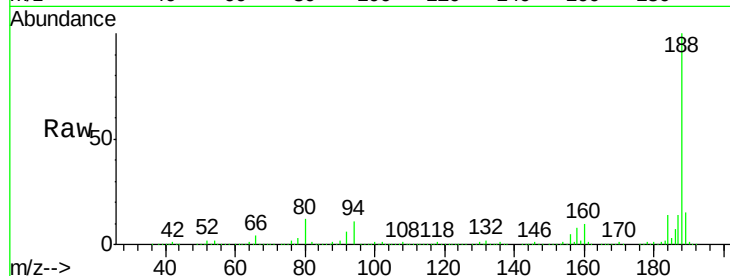
ClientSampleId :

SB-01MS

Tot Ion:	188	Resp:	605634
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	12.2	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 46.626 ng

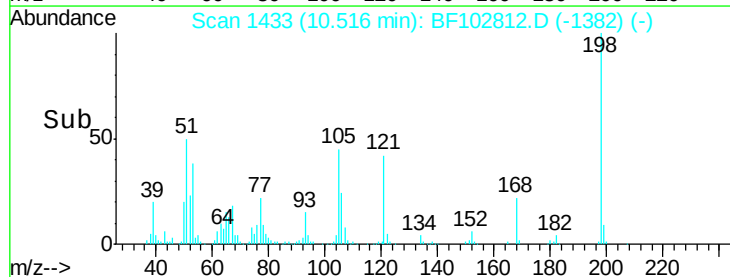
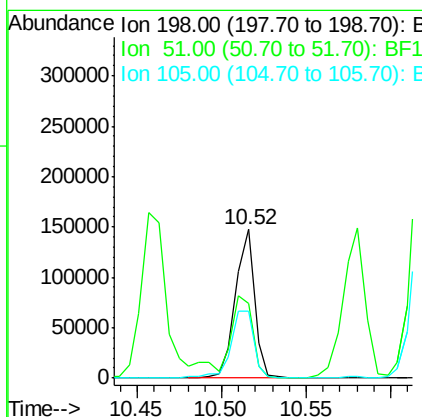
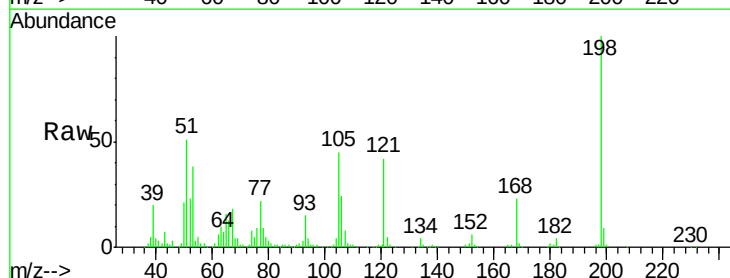
RT: 10.52 min Scan# 1433

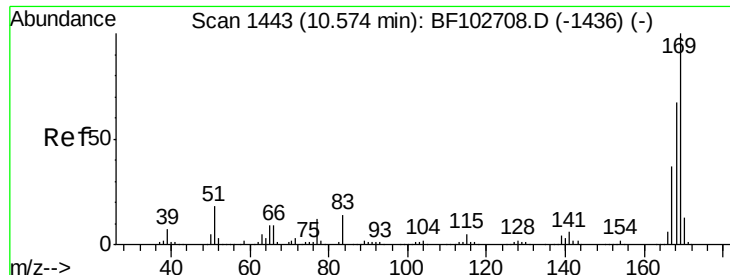
Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Tgt Ion:	198	Resp:	116242
Ion Ratio	Lower	Upper	
198	100		
51	50.6	37.7	77.7
105	45.1	36.3	76.3





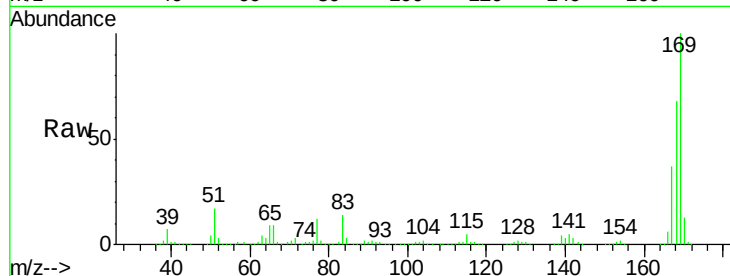
#65
n-Nitrosodiphenylamine
Concen: 37.580 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :
SB-01MS

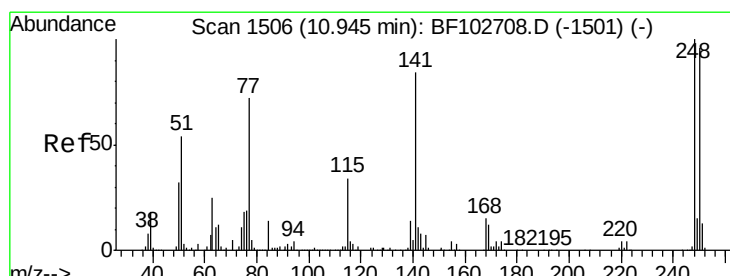
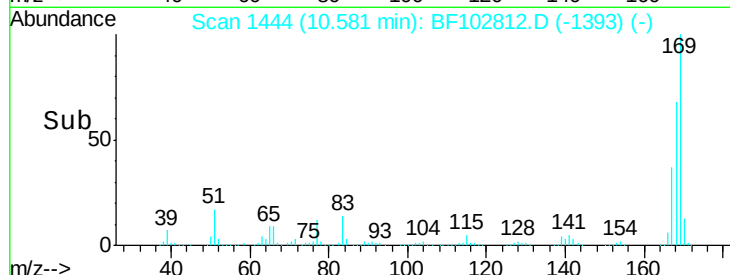
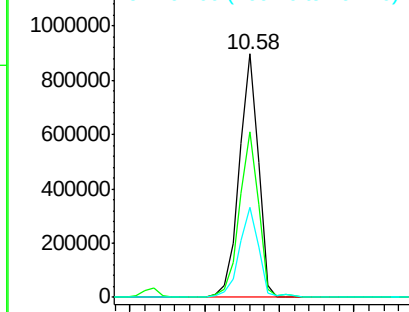
Tot Ion	Ratio	Resp	Lower	Upper
169	100	802804		
168	68.2		54.4	81.6
167	37.0		29.8	44.6

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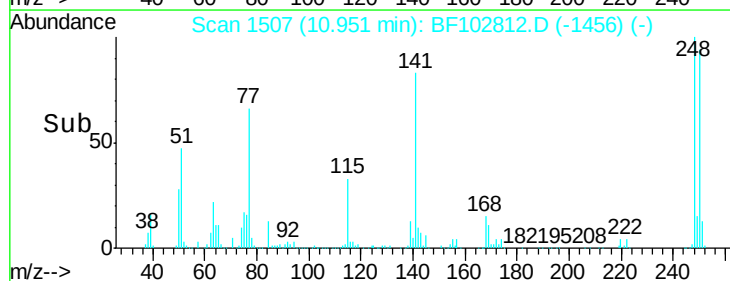
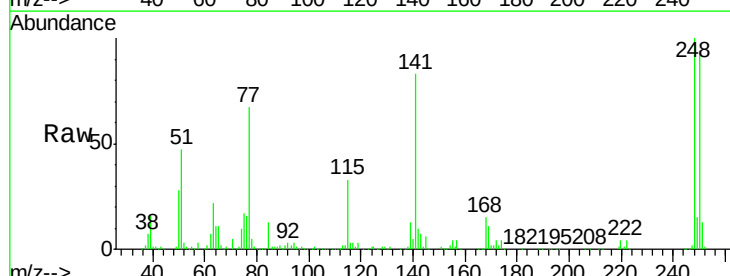
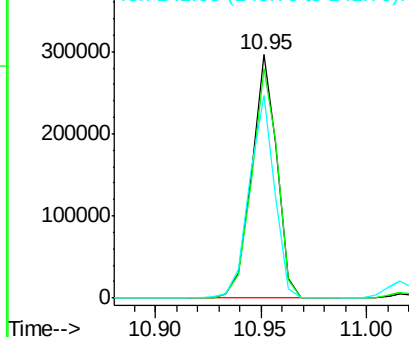
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

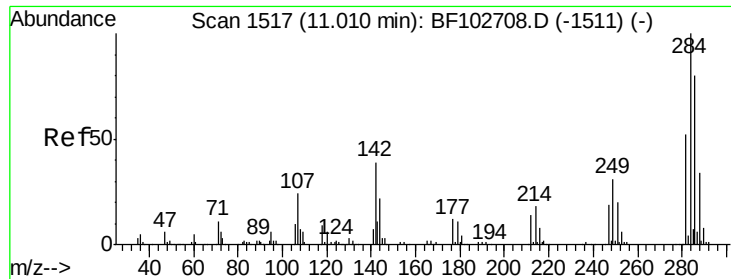


#66
4-Bromophenyl-phenylether
Concen: 38.346 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	245665		
250	94.5		76.9	115.3
141	83.4		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: 36.894 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

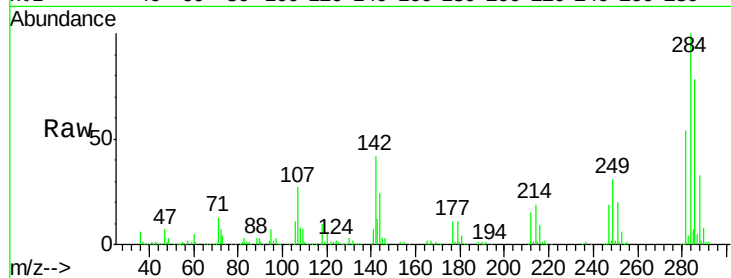
ClientSampled :

SB-01MS

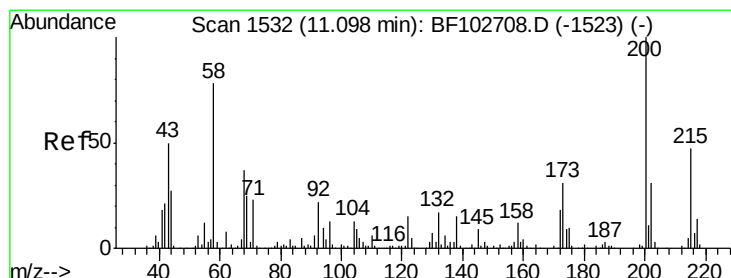
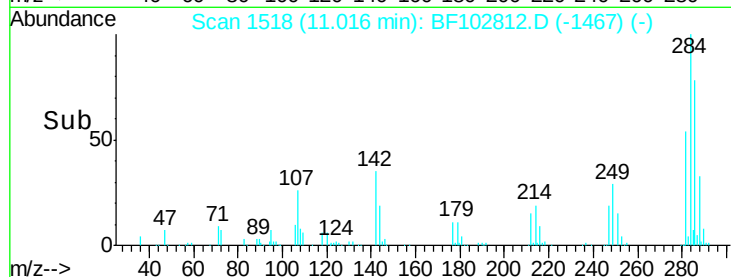
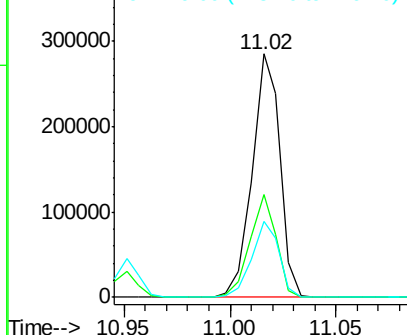
Tot Ion:	284	Resp:	260749
Ion Ratio	Lower	Upper	
284	100		
142	42.4	34.6	52.0
249	31.2	24.8	37.2

Manual Integrations
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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: 39.392 ng

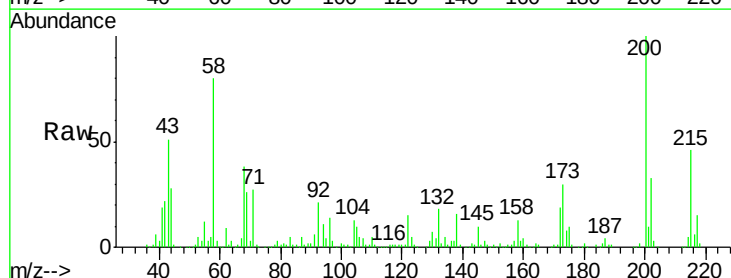
RT: 11.10 min Scan# 1533

Delta R.T. -0.01 min

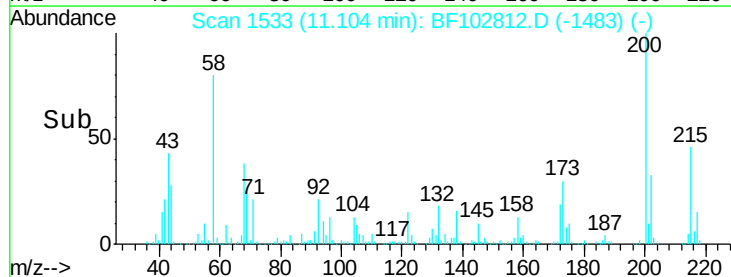
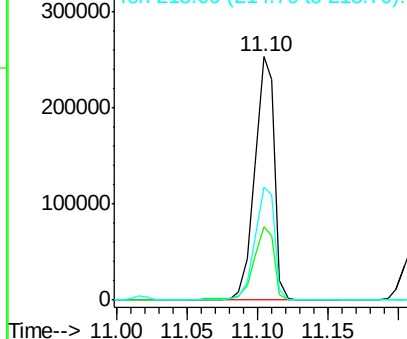
Lab File: BF102812.D

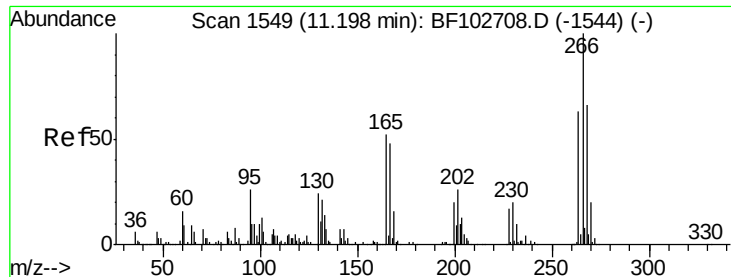
Acq: 7 Feb 2018 13:47

Tgt Ion:	200	Resp:	248255
Ion Ratio	Lower	Upper	
200	100		
173	30.1	8.6	48.6
215	46.4	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





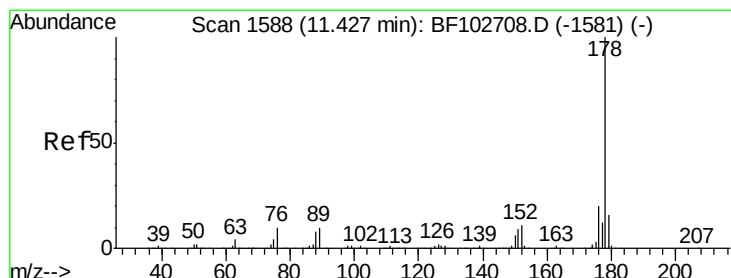
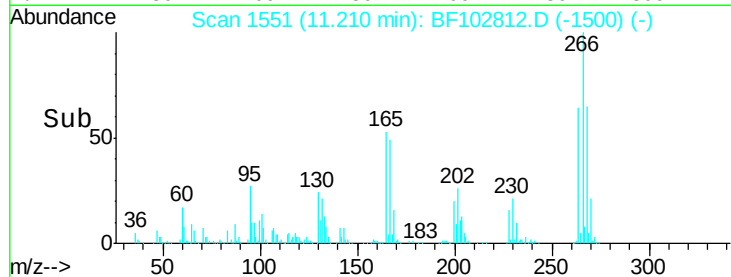
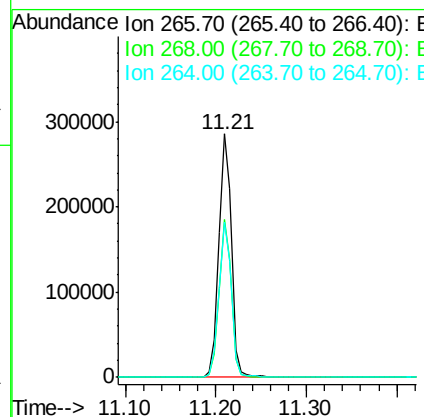
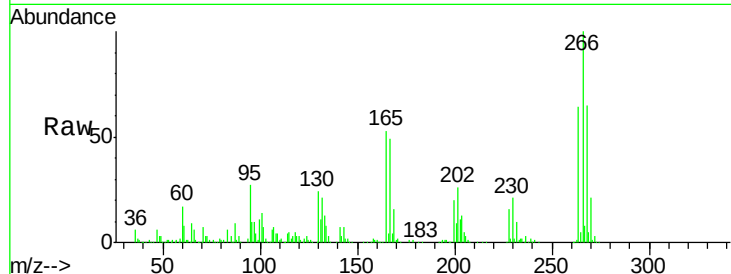
#69
 Pentachlorophenol
 Concen: 66.794 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampled :
 SB-01MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	277114		
268	65.1		51.1	76.7
264	63.8		49.5	74.3

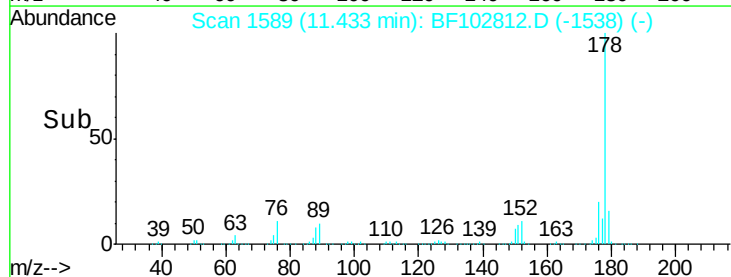
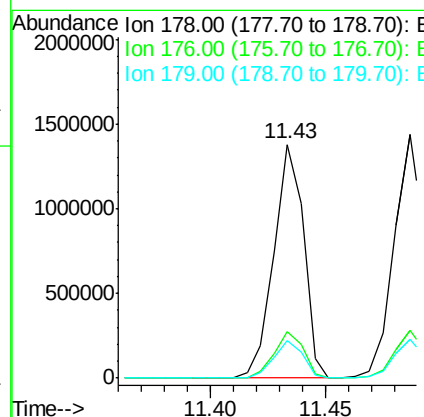
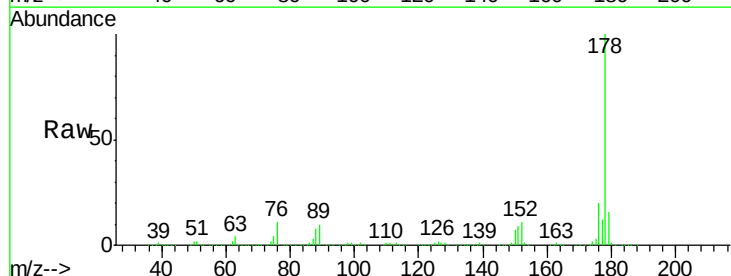
Manual Integrations
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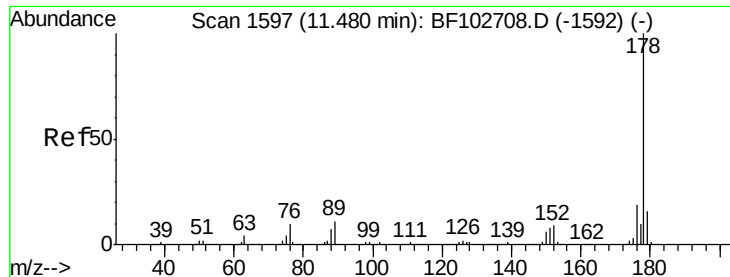
Sohil
 2/8/2018 1:41:05 PM



#70
 Phenanthrene
 Concen: 36.834 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1242421		
176	20.1		15.8	23.8
179	15.8		13.0	19.6





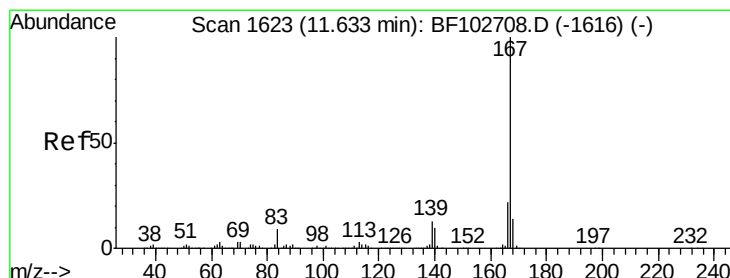
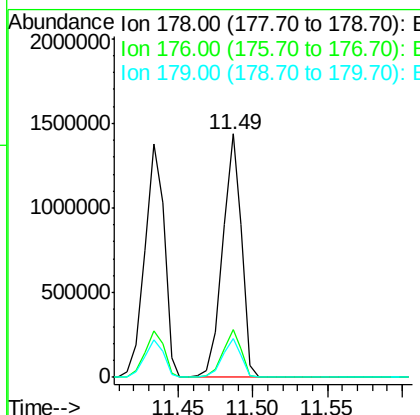
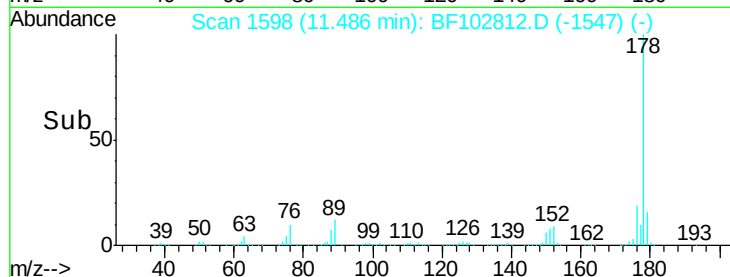
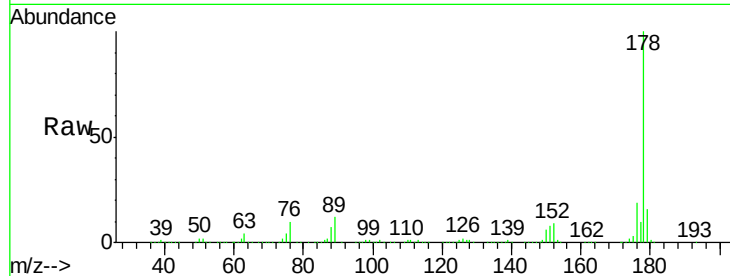
#71
 Anthracene
 Concen: 37.406 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.8	12.6	19.0

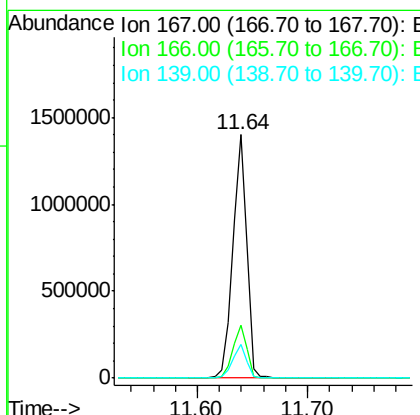
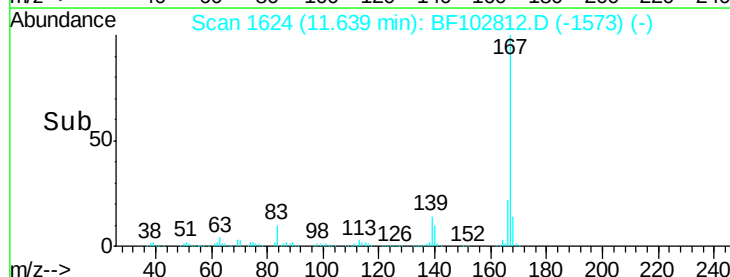
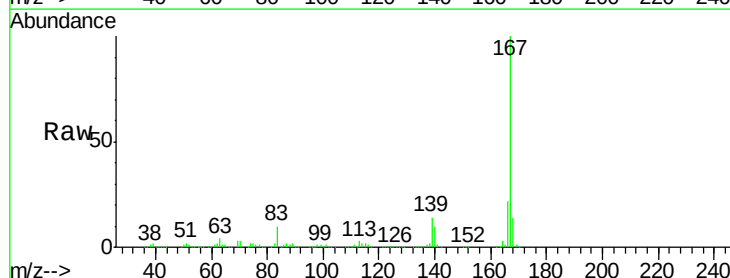
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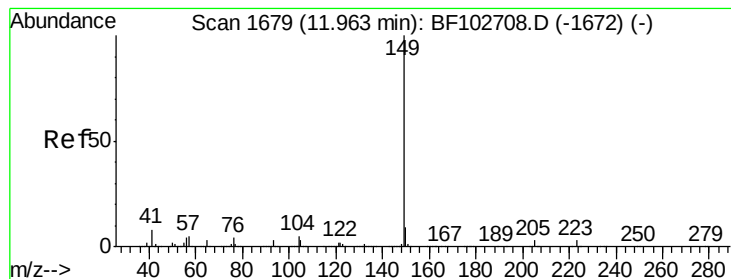
Sohil
 2/8/2018 1:41:05 PM



#72
 Carbazole
 Concen: 37.007 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.195 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

SB-01MS

Tot Ion:149 Resp: 1518536

Ion Ratio Lower Upper

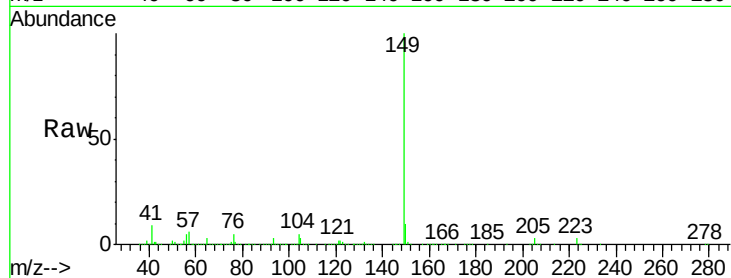
149 100

150 9.6 7.8 11.6

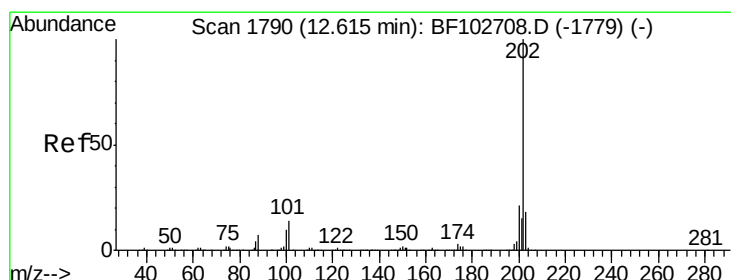
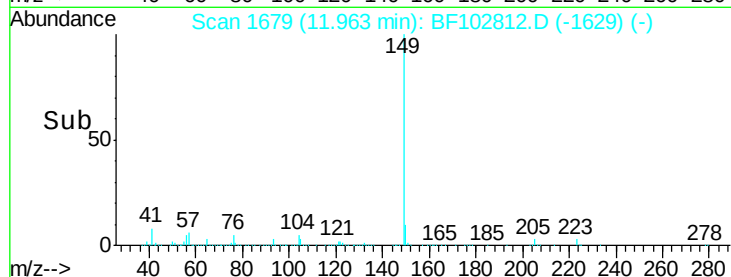
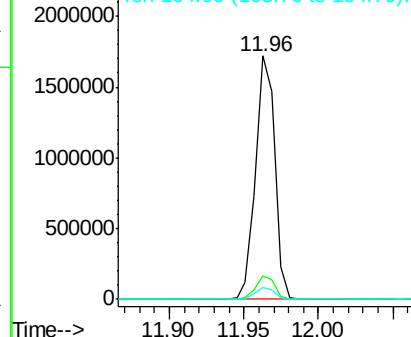
104 4.9 3.8 5.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.004 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

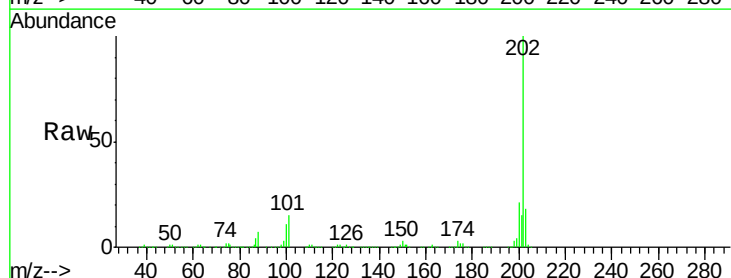
Tgt Ion:202 Resp: 1255761

Ion Ratio Lower Upper

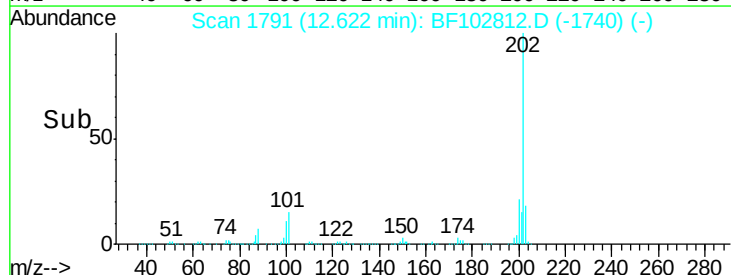
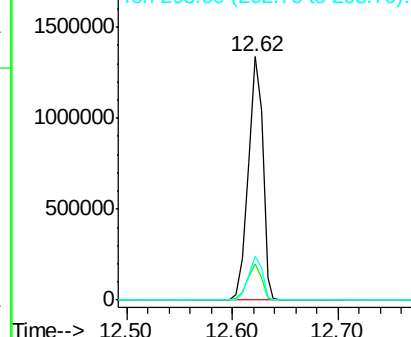
202 100

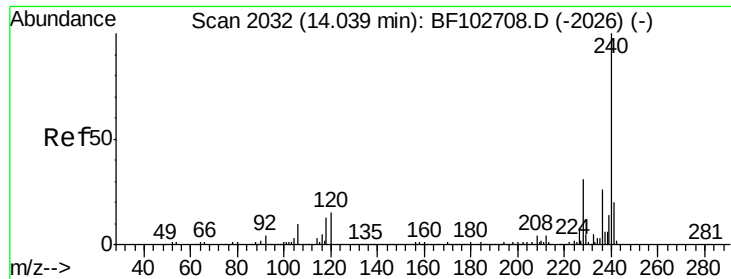
101 15.0 0.0 34.1

203 17.9 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

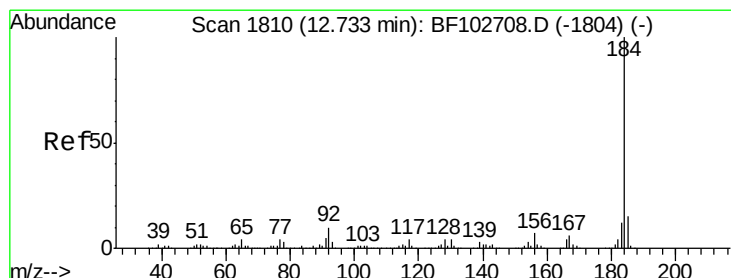
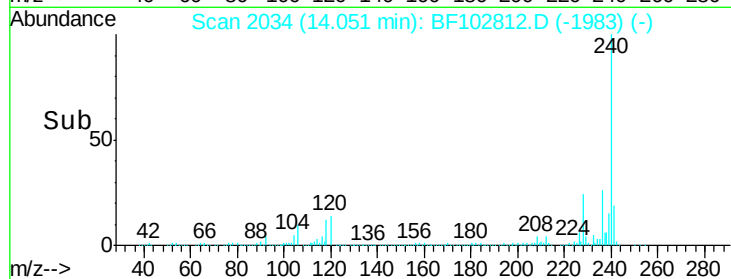
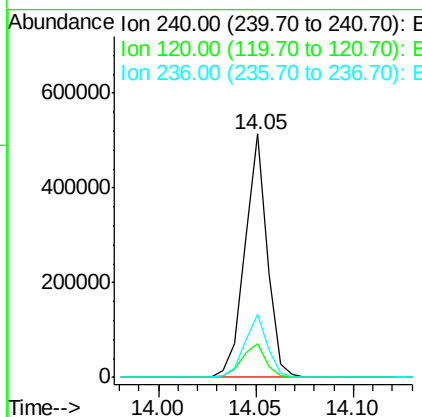
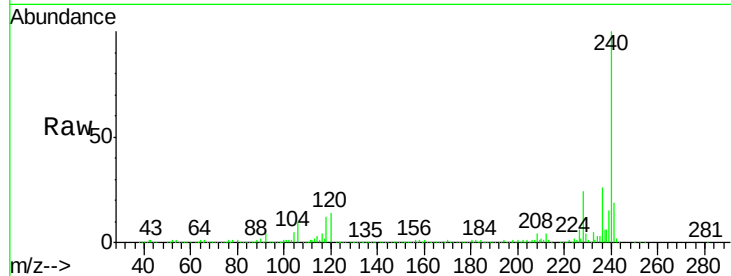
ClientSampled :

SB-01MS

Tot Ion:	240	Resp:	407873
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 12.524 ng

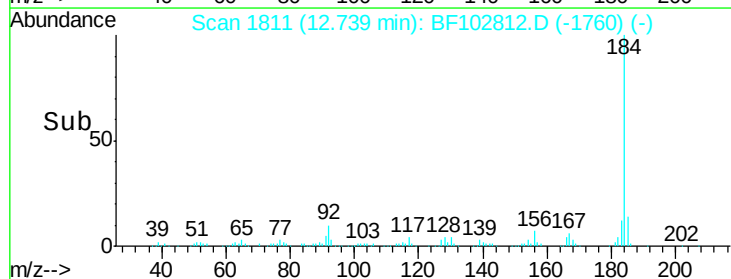
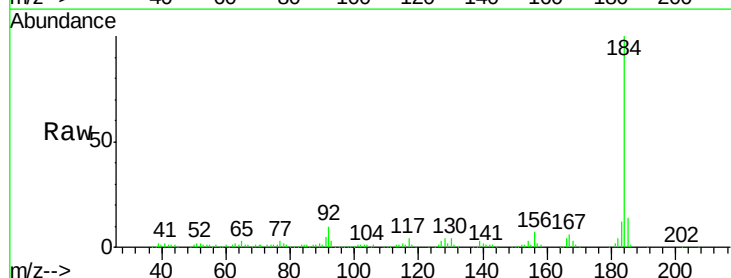
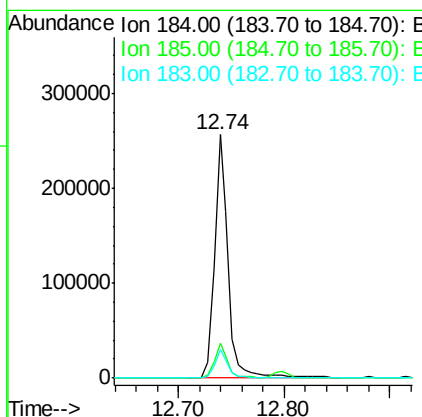
RT: 12.74 min Scan# 1811

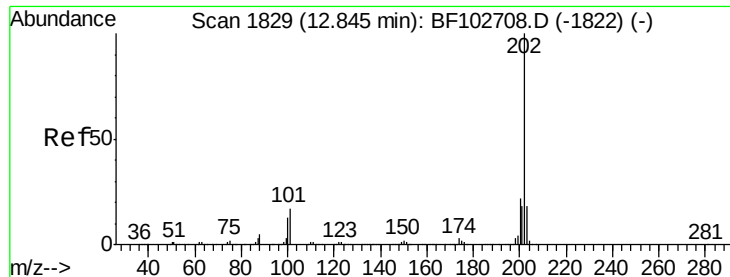
Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Tgt Ion:	184	Resp:	234768
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.5	9.3	13.9





#77

Pvrene

Concen: 39.483 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

ClientSampleId :

SB-01MS

Tot Ion:202 Resp: 1262794

Ion Ratio Lower Upper

202 100

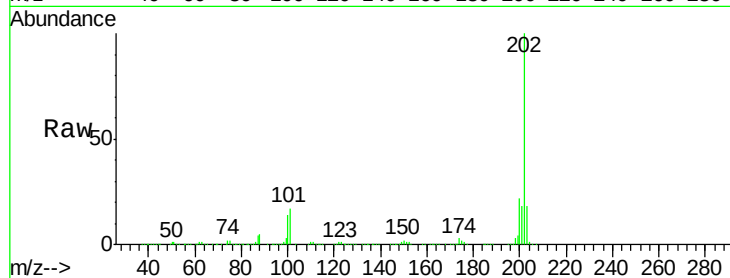
200 22.0 17.4 26.2

203 18.1 14.3 21.5

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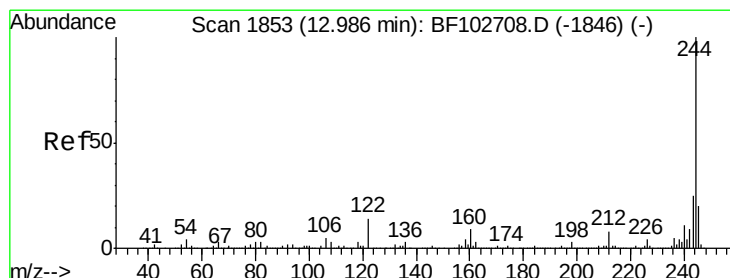
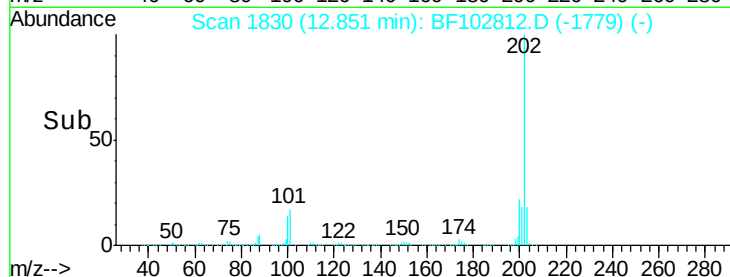
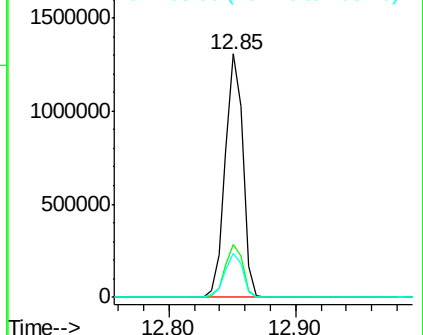
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.209 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

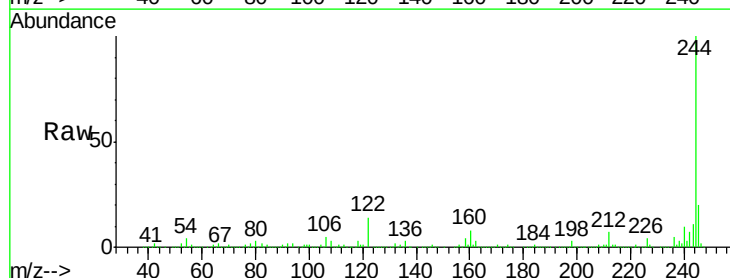
Tgt Ion:244 Resp: 1467813

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

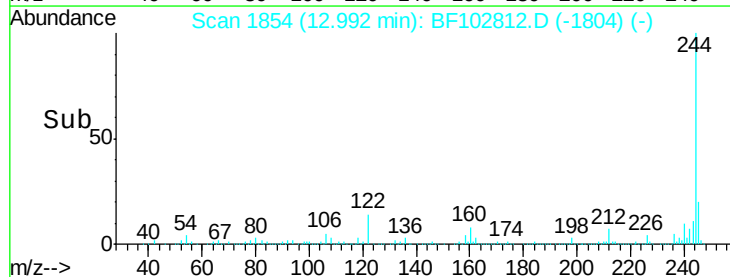
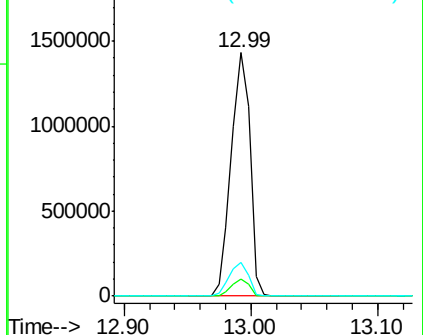
122 14.1 11.0 16.4

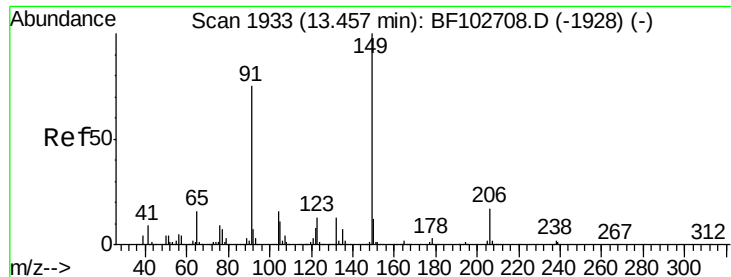


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





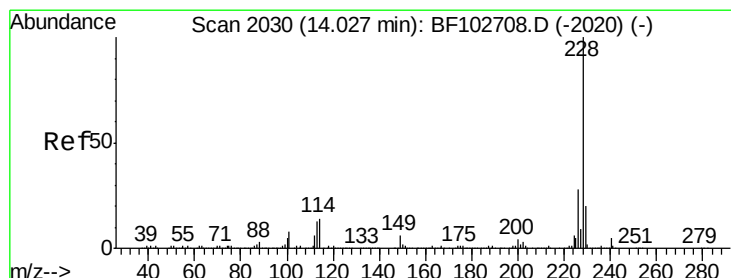
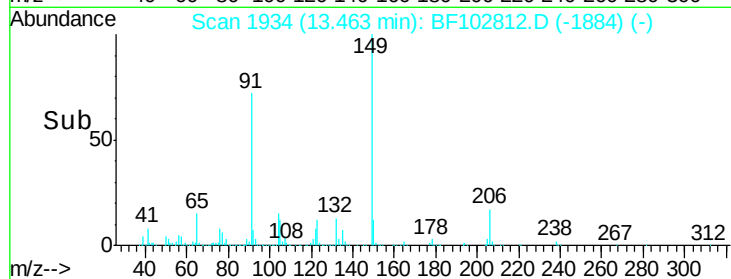
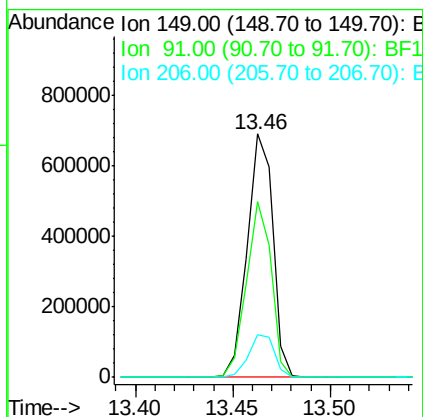
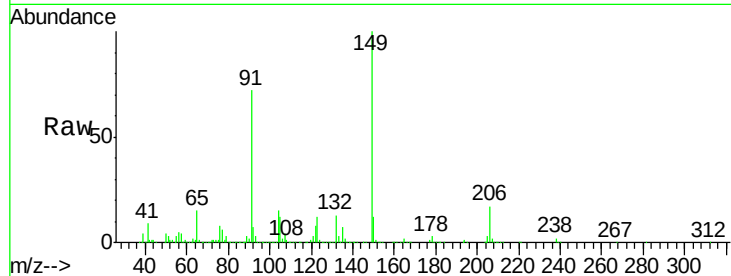
#79
Butylbenzylphthalate
Concen: 41.431 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :
SB-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	56.8	85.2
206	17.3	14.1	21.1

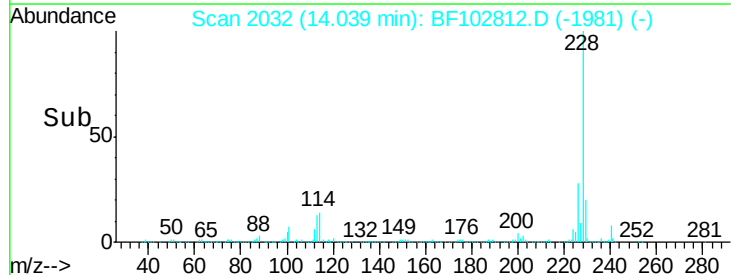
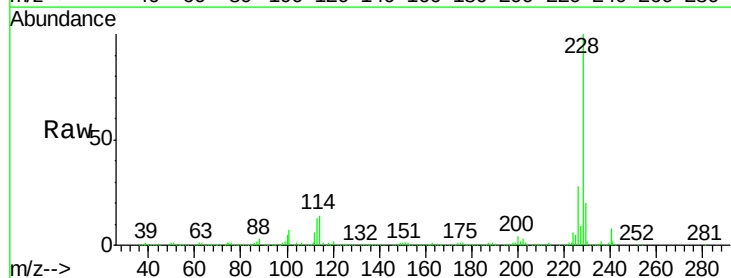
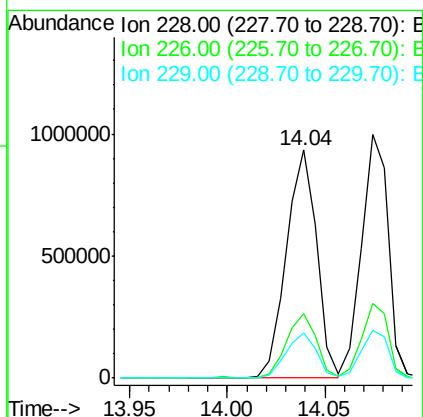
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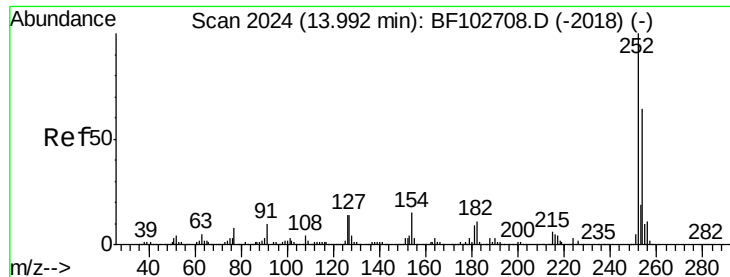
Sohil
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#80
Benzo(a)anthracene
Concen: 38.992 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	15.8	23.6





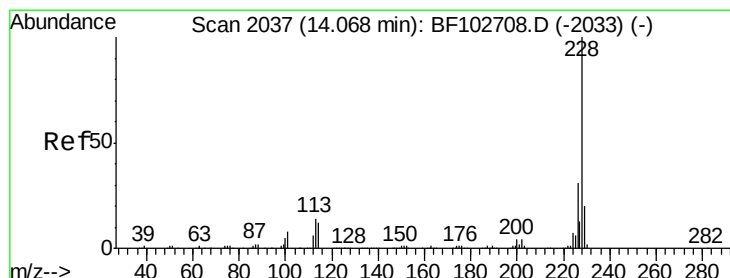
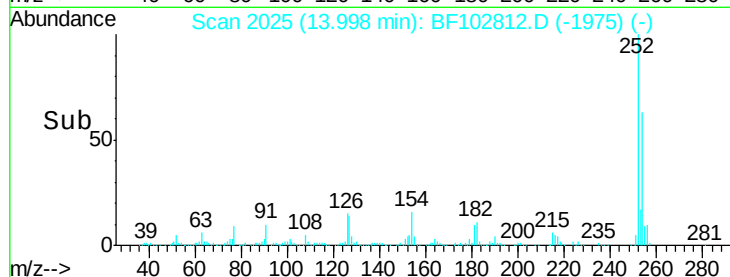
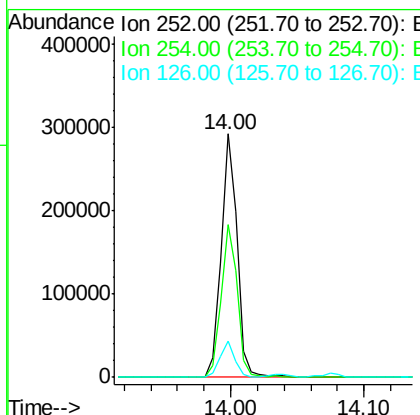
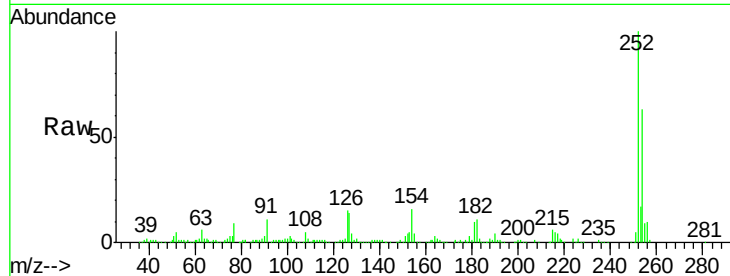
#81
 3,3'-Dichlorobenzidine
 Concen: 26.189 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.8	50.4	75.6
126	14.8	11.3	16.9

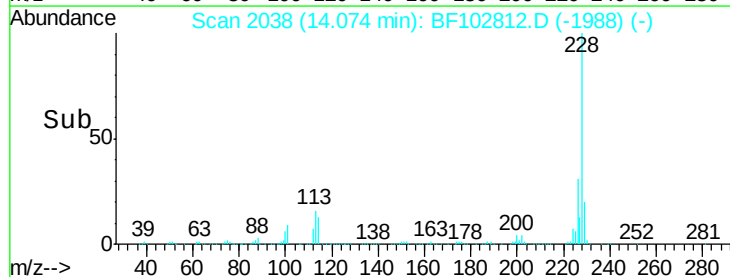
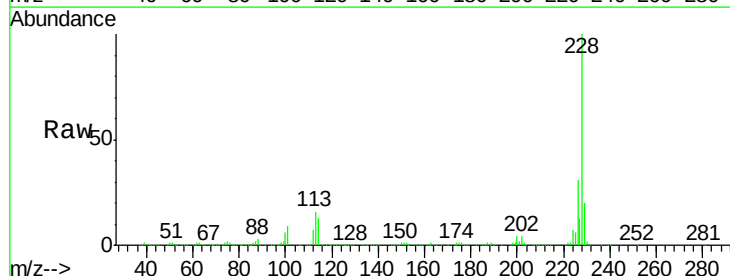
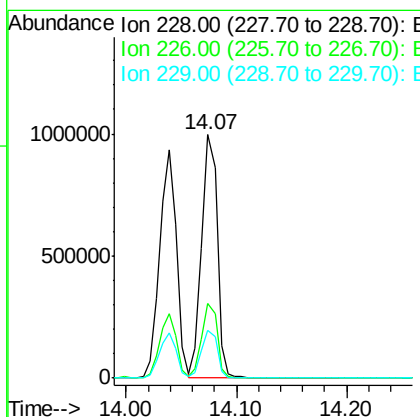
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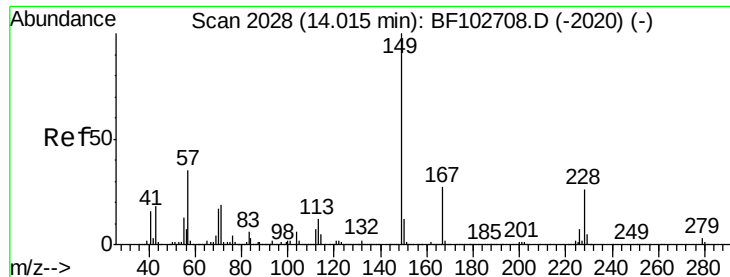
Sohil
 2/8/2018 1:41:05 PM



#82
 Chrysene
 Concen: 36.783 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.232 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Instrument :

BNA_F

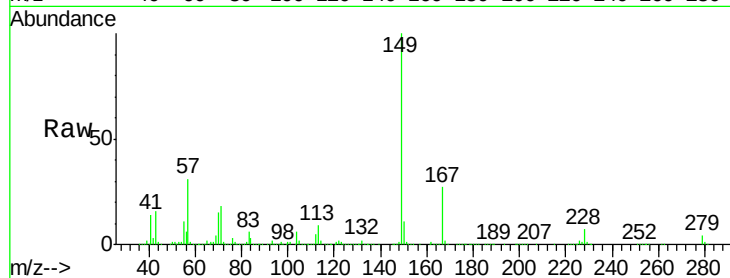
ClientSampleId :

SB-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.6	3.0	4.4

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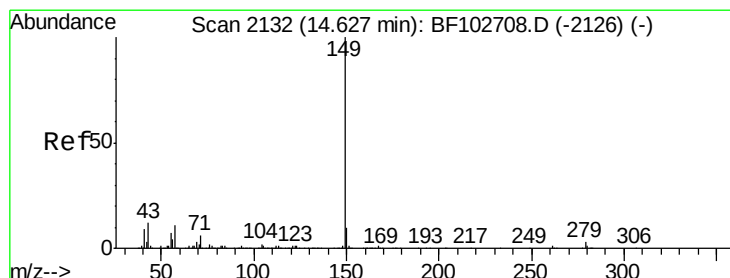
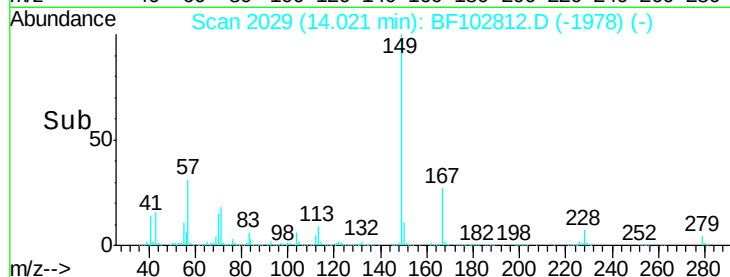
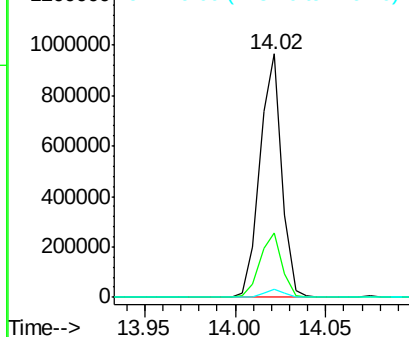


Abundance

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: 42.220 ng

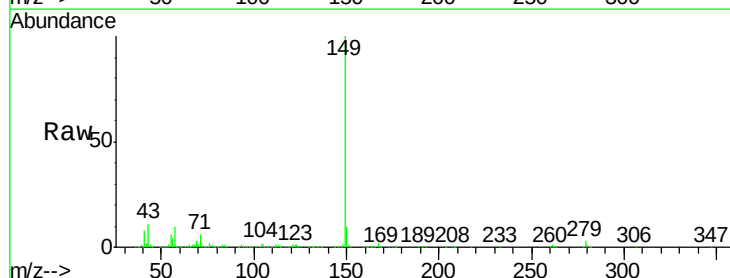
RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102812.D

Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.2	8.4	12.6

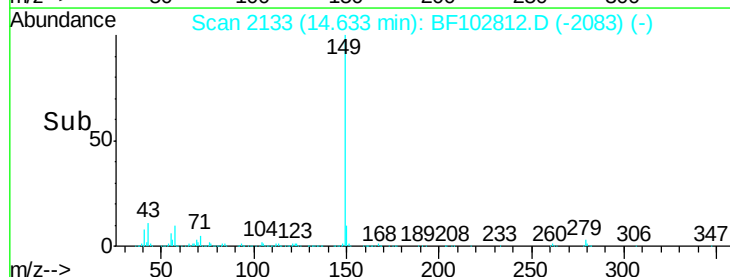
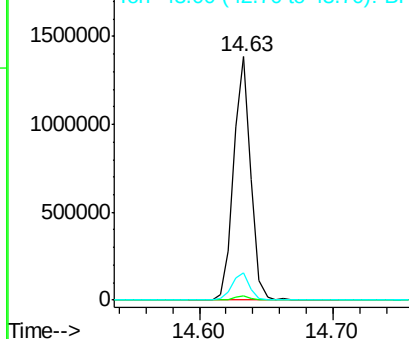


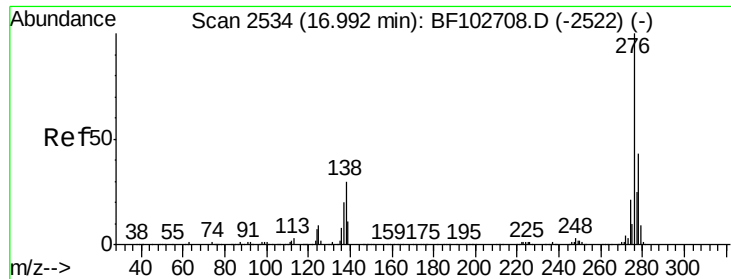
Abundance

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





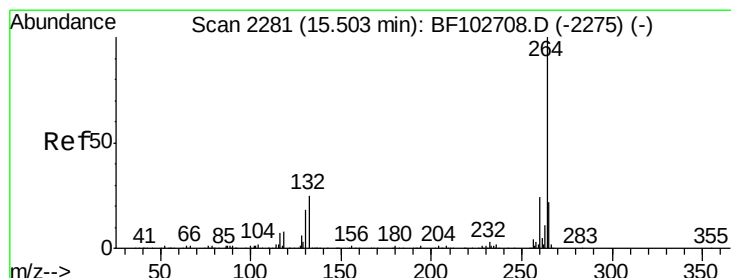
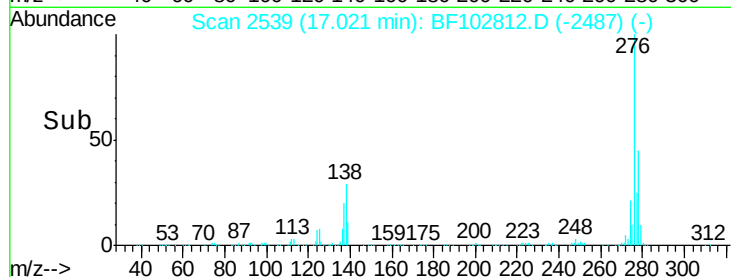
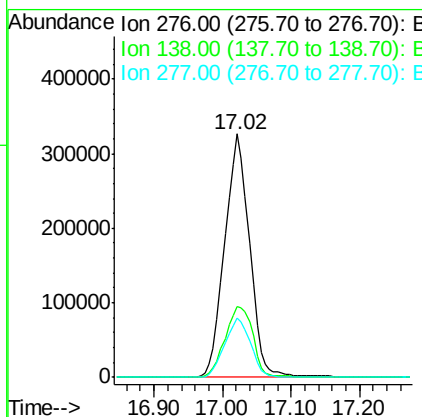
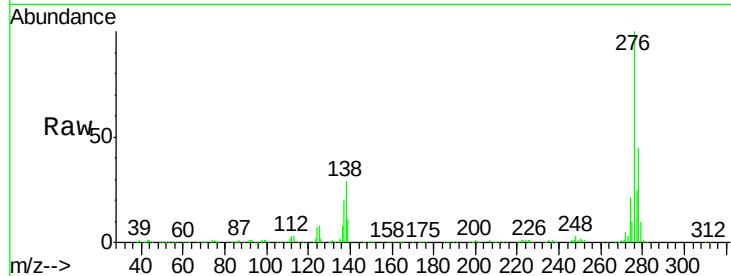
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.494 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.01 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	25.3	20.1	30.1

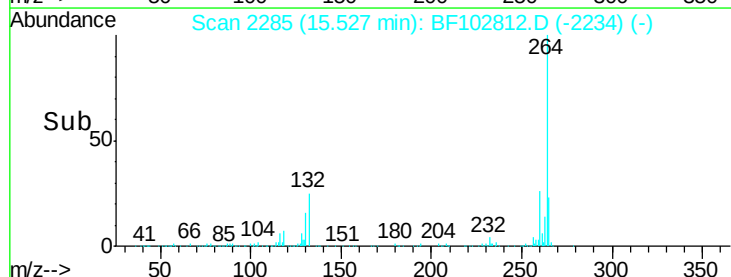
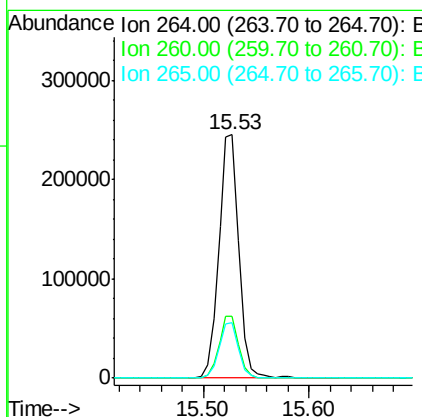
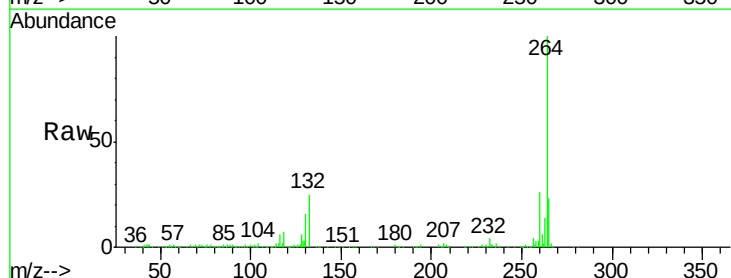
Manual Integrations
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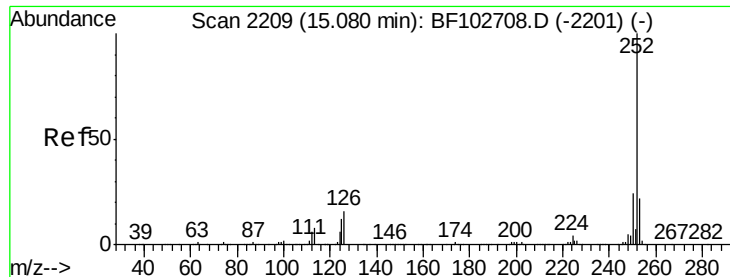
Sohil
 2/8/2018 1:41:05 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	23.0	17.5	26.3





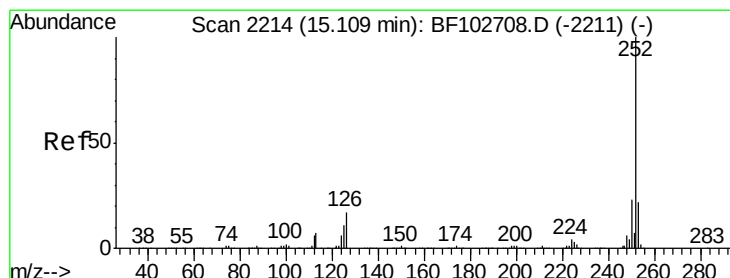
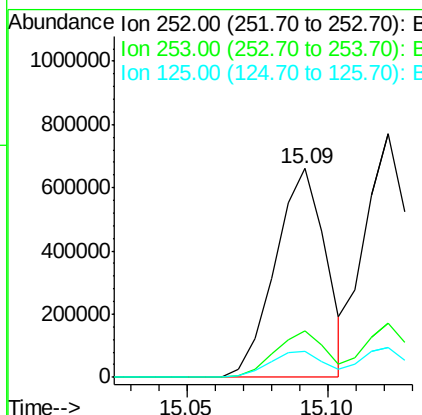
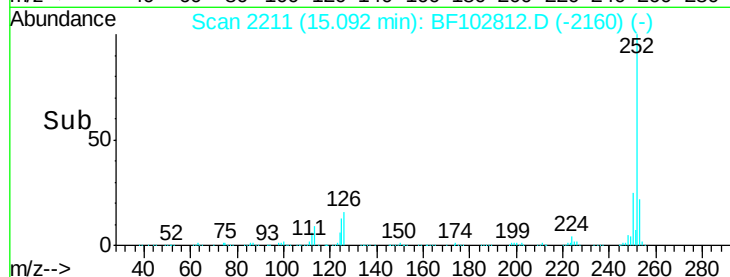
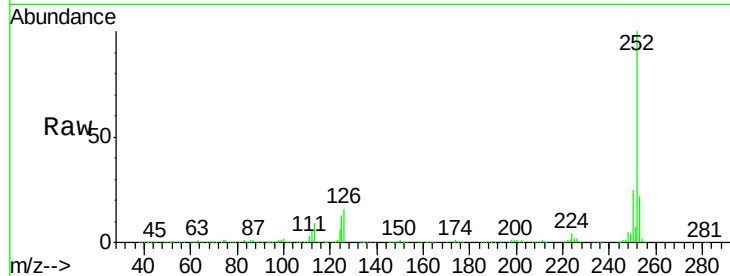
#87
Benzo(b)fluoranthene
Concen: 38.965 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampled :
SB-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	12.6	9.0	13.6

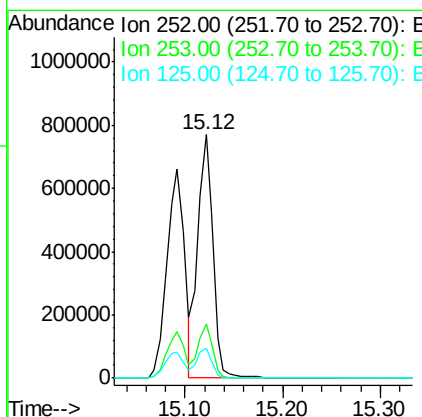
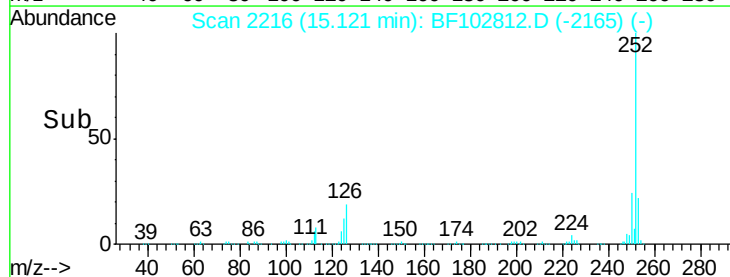
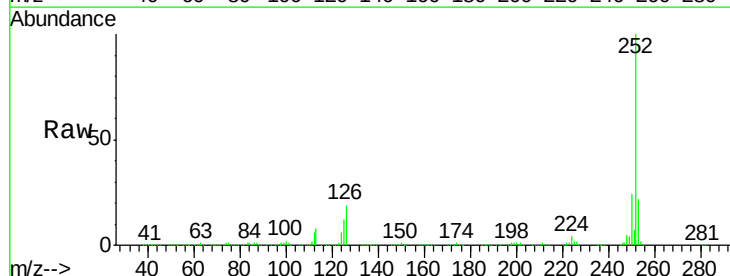
Manual Integrations
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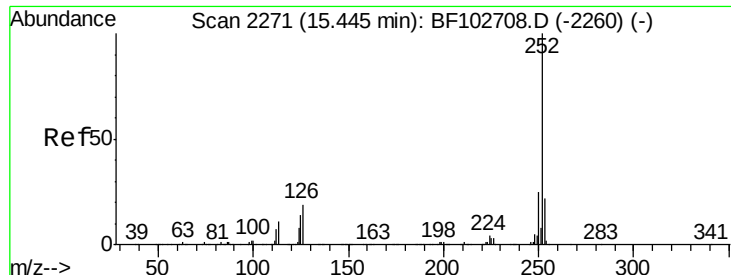
Sohil
2/8/2018 1:41:05 PM



#88
Benzo(k)fluoranthene
Concen: 40.964 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	12.3	10.2	15.2





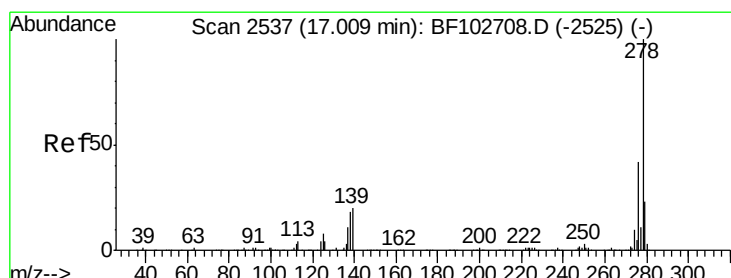
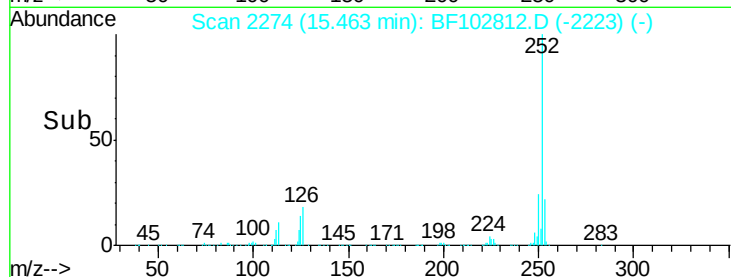
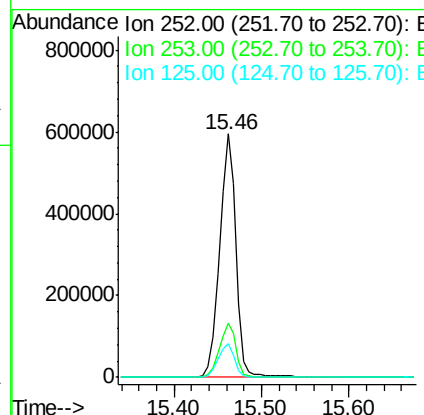
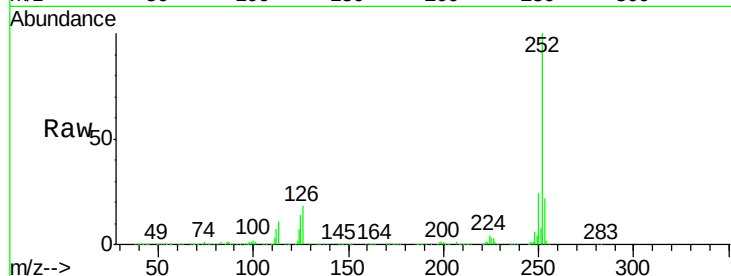
#89
Benzo(a)pyrene
Concen: 40.535 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Instrument :
BNA_F
ClientSampleId :
SB-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	14.1	9.8	14.6

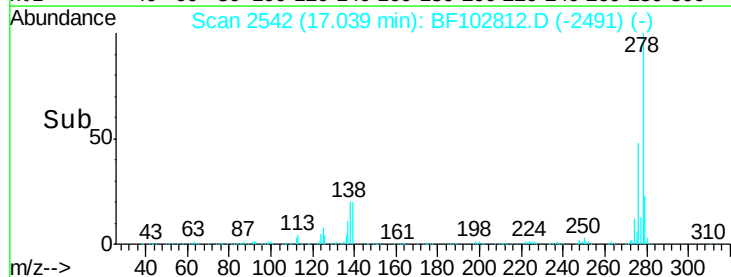
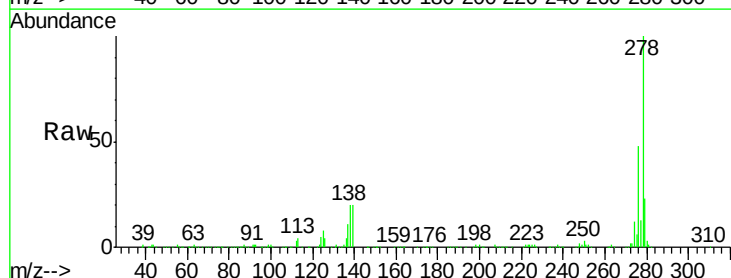
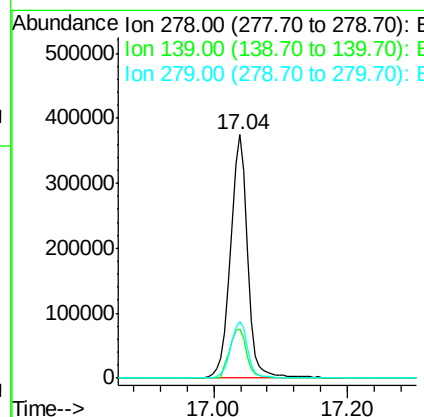
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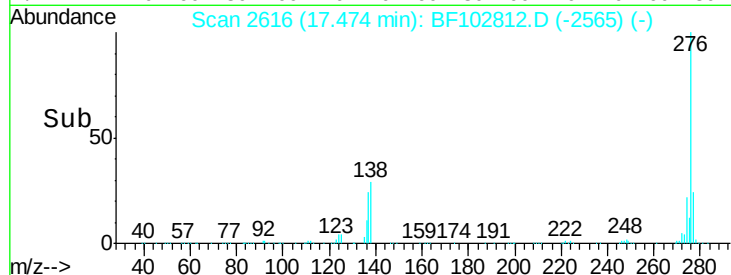
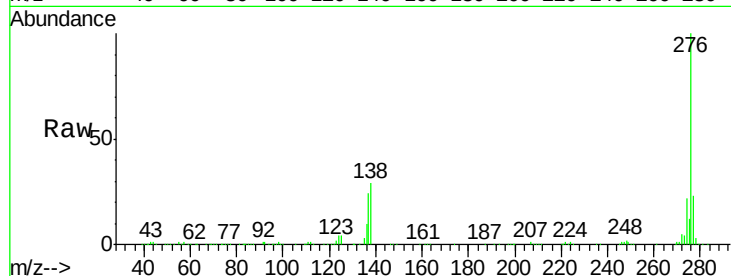
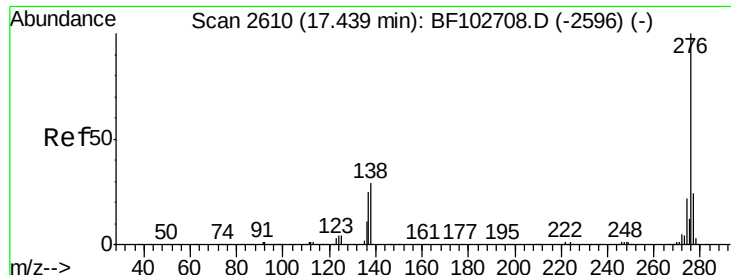
Sohil
2/8/2018 1:41:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.223 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BF102812.D
Acq: 7 Feb 2018 13:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.935 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. 0.00 min
 Lab File: BF102812.D
 Acq: 7 Feb 2018 13:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
709764	276	100			
	277	23.4		17.9	26.9
	138	29.1		21.8	32.8

Manual Integrations
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 2/8/2018 1:41:05 PM

