

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112121.D
 Acq On : 18 Jan 2019 12:25
 Operator : JU/SJ
 Sample : K1157-13MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MS

Manual Integrations
 APPROVED

Sohil
 1/21/2019 12:00:39 PM

Quant Time: Jan 18 14:26:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	302647	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1165919	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	566793	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	937729	20.00	ng	0.00
76) Chrysene-d12	14.02	240	605736	20.00	ng	-0.01
87) Perylene-d12	15.50	264	665207	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1603284	96.15	ng	0.00
7) Phenol-d6	6.50	99	2008041	96.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	1266935	75.07	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	545461	89.21	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2326609	60.18	ng	0.00
79) Terphenyl-d14	12.96	244	1784020	62.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	215348	27.537	ng	97
3) Pyridine	3.44	79	567368	28.967	ng	99
4) n-Nitrosodimethylamine	3.38	42	276806	34.807	ng	99
6) Aniline	6.52	93	293907	11.583	ng	# 1
8) 2-Chlorophenol	6.65	128	663263	34.249	ng	98
9) Benzaldehyde	6.40	77	166641	11.150	ng	97
10) Phenol	6.52	94	785768	34.463	ng	81
11) bis(2-Chloroethyl)ether	6.59	93	596001	32.876	ng	97
12) 1,3-Dichlorobenzene	6.80	146	716087	32.401	ng	99
13) 1,4-Dichlorobenzene	6.87	146	726161	32.122	ng	100
14) 1,2-Dichlorobenzene	7.03	146	685515	32.920	ng	97
15) Benzyl Alcohol	7.00	79	538412	34.640	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	825061	31.559	ng	96
17) 2-Methylphenol	7.12	107	513456	35.305	ng	95
18) Hexachloroethane	7.37	117	250847	33.246	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	438869	34.531	ng	97
20) 3+4-Methylphenols	7.27	107	662397	37.564	ng	# 65
22) Acetophenone	7.26	105	847811	31.387	ng	97
24) Nitrobenzene	7.44	77	659789	36.891	ng	95
25) Isophorone	7.67	82	1178970	36.169	ng	99
26) 2-Nitrophenol	7.76	139	348933	39.170	ng	98
27) 2,4-Dimethylphenol	7.80	122	569999	37.673	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	755073	33.770	ng	99
29) 2,4-Dichlorophenol	8.00	162	567996	34.365	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	626337	32.653	ng	97
31) Naphthalene	8.16	128	1846048	34.812	ng	99
32) Benzoic acid	7.91	122	183601	31.845	ng	97
33) 4-Chloroaniline	8.21	127	192433	8.074	ng	98
34) Hexachlorobutadiene	8.28	225	326322	30.570	ng	99
35) Caprolactam	8.57	113	171854m	29.707	ng	
36) 4-Chloro-3-methylphenol	8.70	107	544298	33.717	ng	97
37) 2-Methylnaphthalene	8.85	142	1297588	36.034	ng	99
38) 1-Methylnaphthalene	8.95	142	1217833	35.190	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	599422	32.934	ng	99

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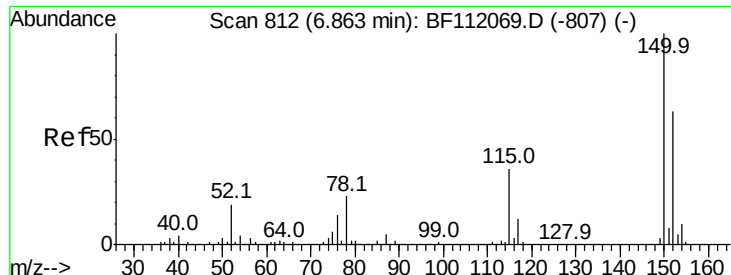
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	261406	40.274	nq	96
43) 2,4,6-Trichlorophenol	9.14	196	401210	36.849	nq	100
44) 2,4,5-Trichlorophenol	9.18	196	411428	35.479	nq	97
46) 1,1'-Biphenyl	9.32	154	1557874	32.871	nq	100
47) 2-Chloronaphthalene	9.35	162	1203347	32.437	nq	100
48) 2-Nitroaniline	9.43	65	323066	38.662	nq	88
49) Acenaphthylene	9.76	152	1875163	34.638	nq	100
50) Dimethylphthalate	9.62	163	1639957	39.675	nq	100
51) 2,6-Dinitrotoluene	9.68	165	318059	38.530	nq	95
52) Acenaphthene	9.93	154	1090093	32.910	nq	99
53) 3-Nitroaniline	9.85	138	174220	18.873	nq	94
54) 2,4-Dinitrophenol	9.96	184	100497	49.758	nq	97
55) Dibenzofuran	10.10	168	1631031	32.561	nq	100
56) 4-Nitrophenol	10.03	139	359637	56.312	nq	96
57) 2,4-Dinitrotoluene	10.09	165	393211	38.147	nq	98
58) Fluorene	10.45	166	1247979	33.346	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	311869	35.640	nq	98
60) Diethylphthalate	10.32	149	1389456	34.436	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	628754	31.134	nq	98
62) 4-Nitroaniline	10.46	138	257545	28.097	nq	98
63) Azobenzene	10.59	77	1188035	30.747	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	104959	31.276	nq	91
66) n-Nitrosodiphenylamine	10.55	169	1137133	36.681	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	377410	34.650	nq	98
68) Hexachlorobenzene	11.00	284	386583	32.948	nq	100
69) Atrazine	11.08	200	350156	35.003	nq	99
70) Pentachlorophenol	11.19	266	288708	53.377	nq	99
71) Phenanthrene	11.41	178	1690414	35.820	nq	99
72) Anthracene	11.46	178	1677076	35.081	nq	99
73) Carbazole	11.61	167	1372969	28.670	nq	99
74) Di-n-butylphthalate	11.94	149	1890118	35.087	nq	99
75) Fluoranthene	12.60	202	1510809	30.321	nq	98
77) Benzidine	12.71	184	209213	10.352	nq	97
78) Pyrene	12.83	202	1467680	36.725	nq	99
80) Butylbenzylphthalate	13.43	149	617427	35.217	nq	93
81) Benzo(a)anthracene	14.02	228	1233848	35.526	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	316620	24.343	nq	98
83) Chrysene	14.05	228	1157147	35.211	nq	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	920281	36.625	nq	99
85) Di-n-octyl phthalate	14.60	149	1421293	36.712	nq	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1199004	39.546	nq	99
88) Benzo(b)fluoranthene	15.07	252	1317122	34.882	nq	100
89) Benzo(k)fluoranthene	15.10	252	1207874	33.050	nq	98
90) Benzo(a)pyrene	15.43	252	1228964	35.490	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1002382	32.591	nq	100
92) Benzo(g,h,i)perylene	17.42	276	930935	30.724	nq	99

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



#1

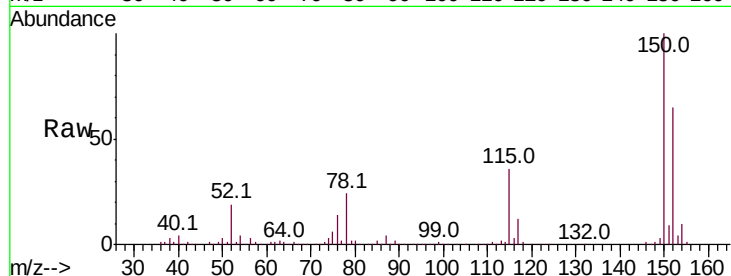
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.4	191.0
115	55.7	45.5	68.3

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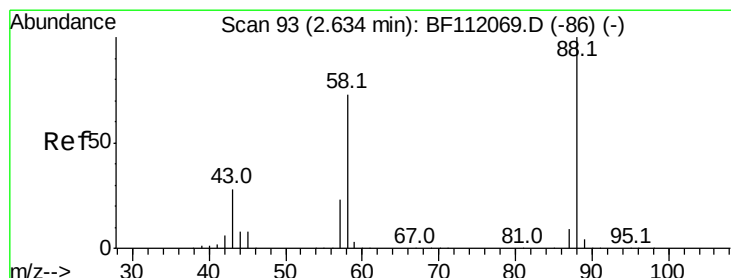
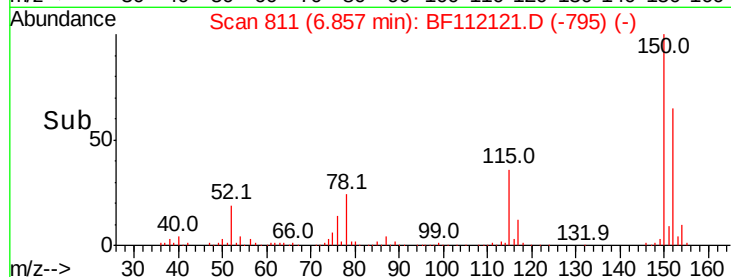
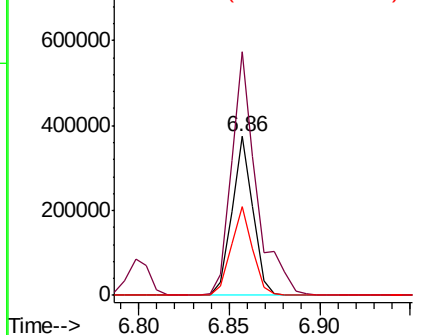


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

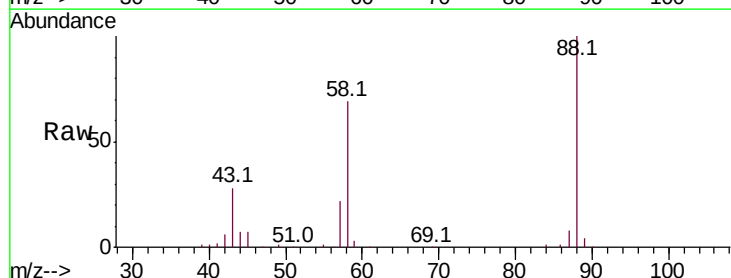
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.537 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	57.4	86.2
43	28.7	22.2	33.4

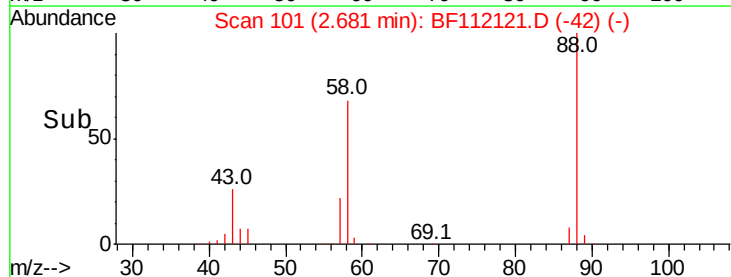
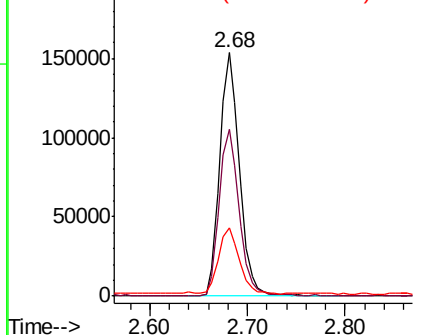


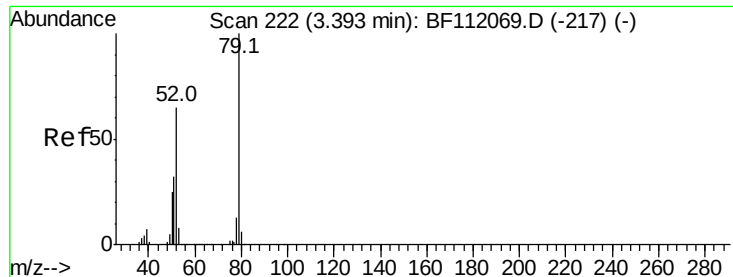
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 28.967 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MS

Tot Ion: 79 Resp: 567368

Ion Ratio Lower Upper

79 100

52 66.0 52.4 78.6

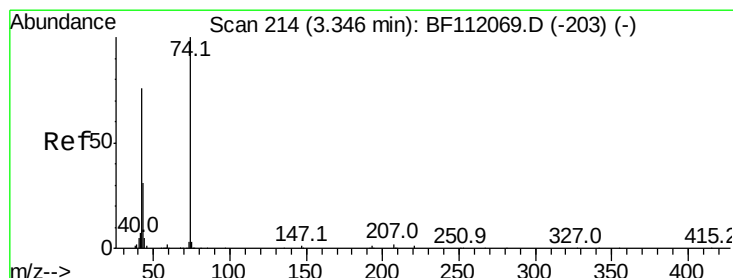
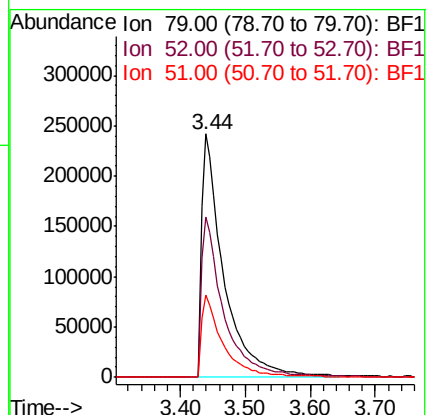
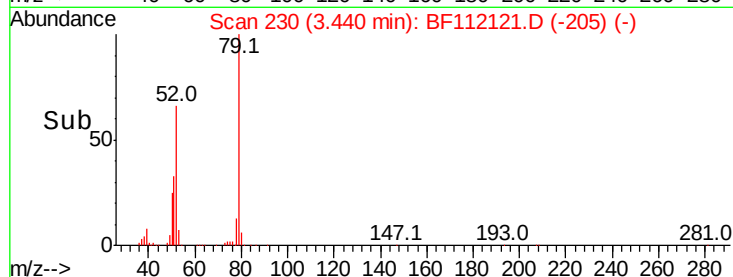
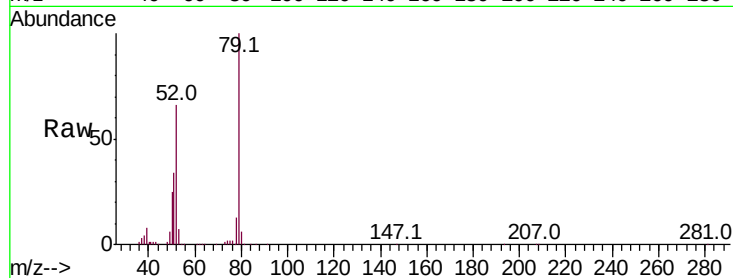
51 33.6 26.1 39.1

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#4

n-Nitrosodimethylamine

Concen: 34.807 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.04 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

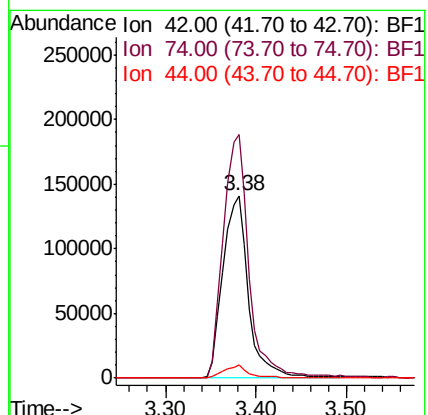
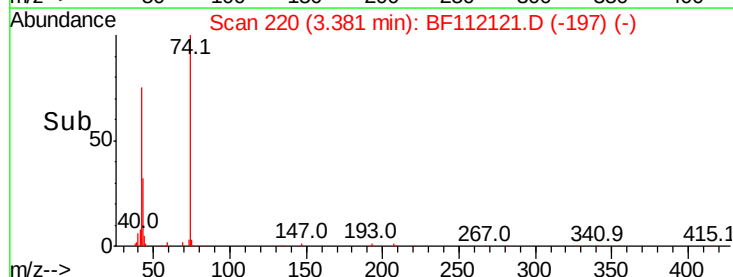
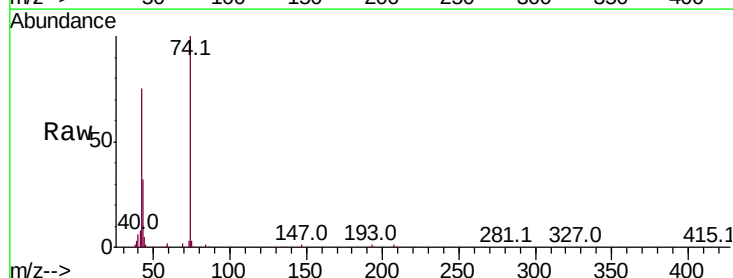
Tgt Ion: 42 Resp: 276806

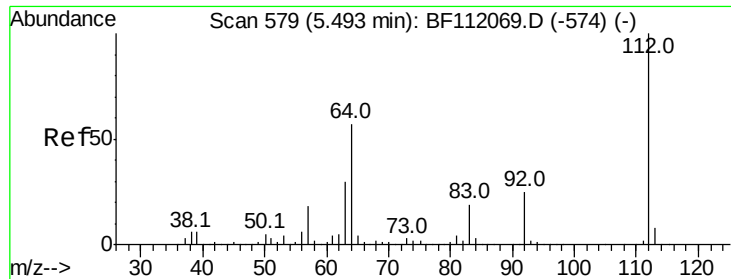
Ion Ratio Lower Upper

42 100

74 133.5 105.6 158.4

44 7.1 5.4 8.2





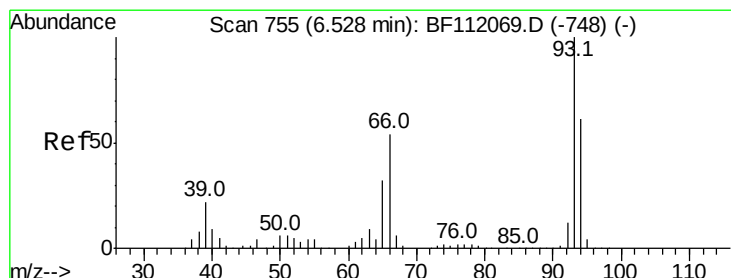
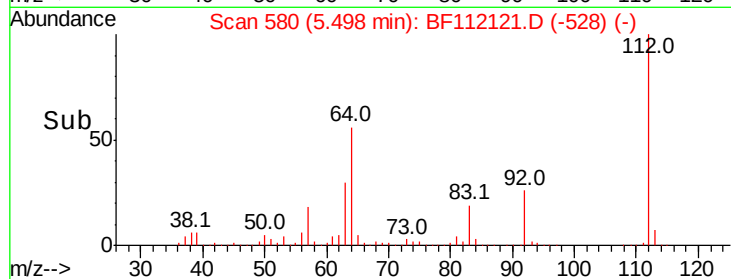
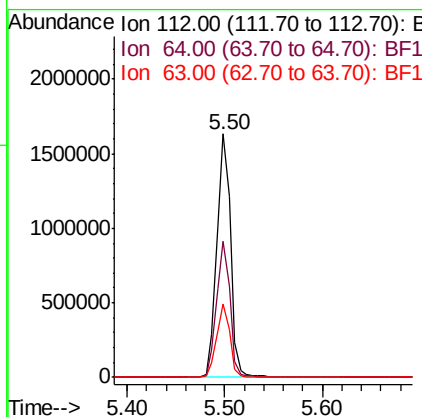
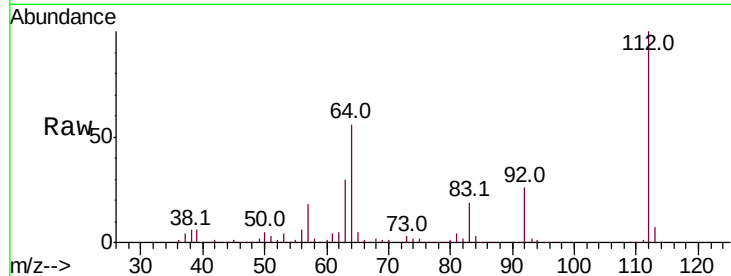
#5
2-Fluorophenol
Concen: 96.152 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.7	68.5
63	30.3	23.6	35.4

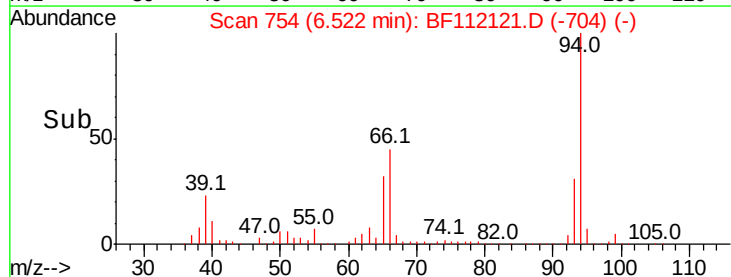
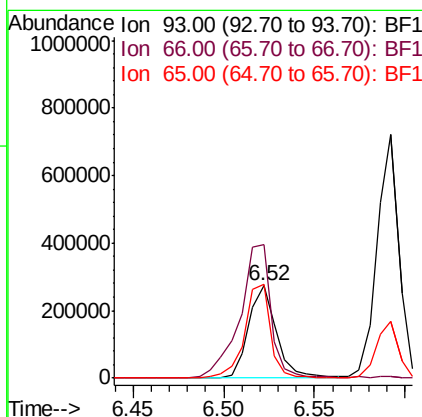
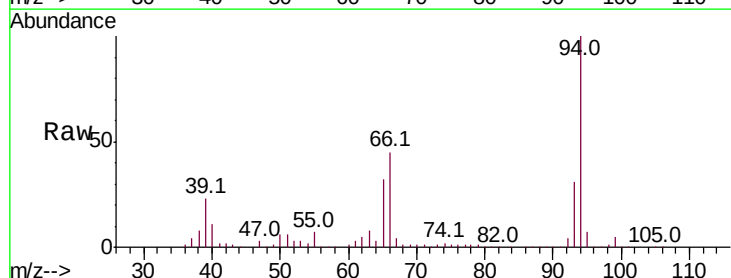
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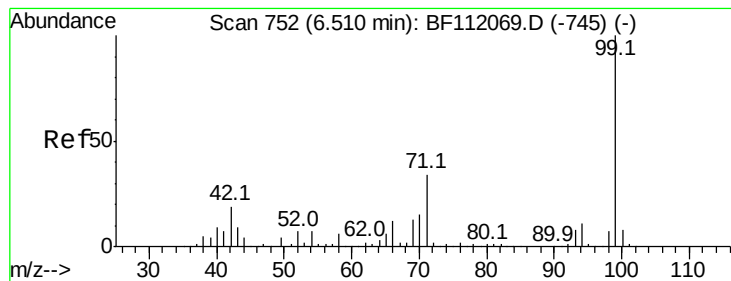
Sohil
1/21/2019 12:00:39 PM



#6
Aniline
Concen: 11.583 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
93	100		
66	144.8	43.4	65.2#
65	101.9	25.3	37.9#





#7

Phenol-d6

Concen: 96.252 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MS

Tot Ion: 99 Resp: 2008041

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

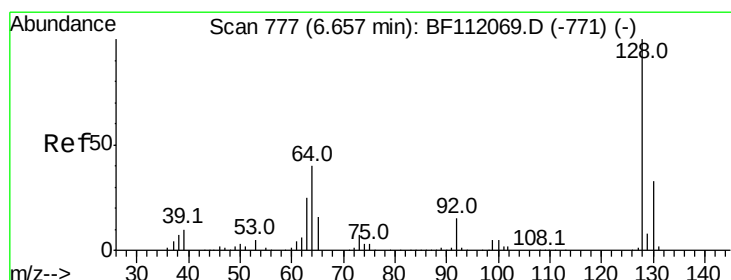
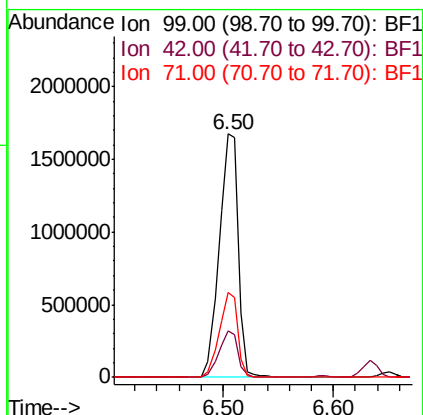
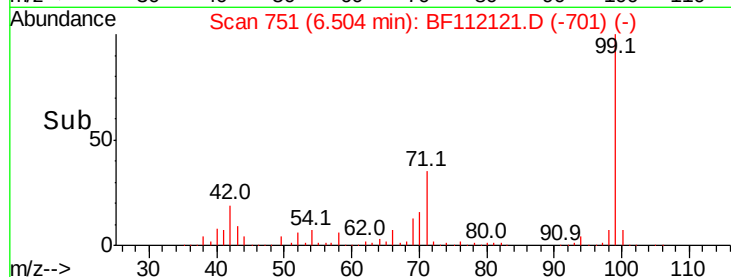
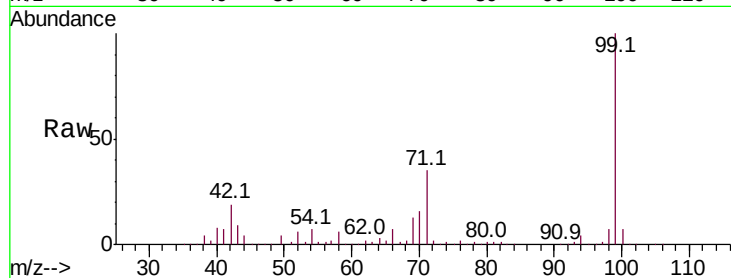
71 35.1 26.9 40.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 34.249 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

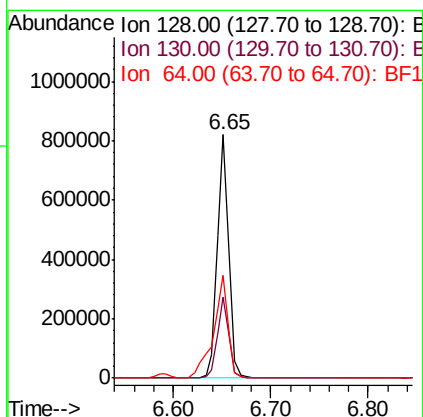
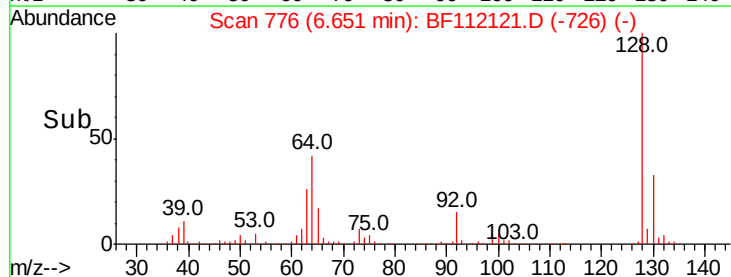
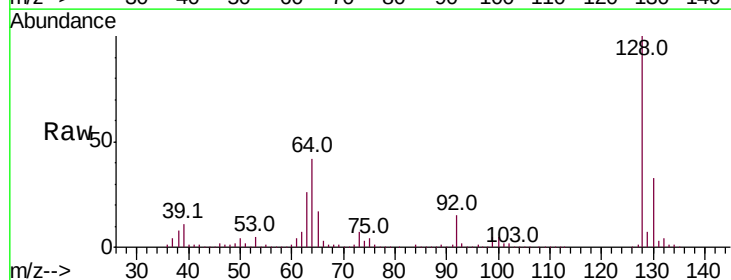
Tgt Ion: 128 Resp: 663263

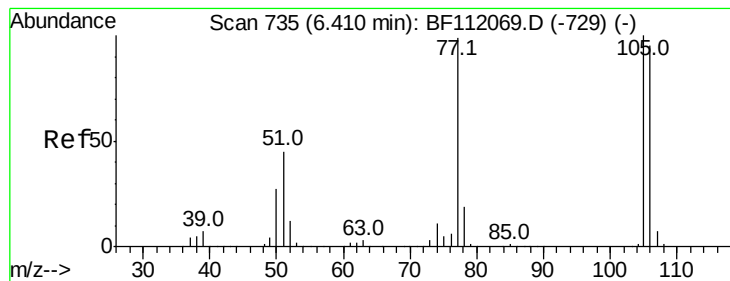
Ion Ratio Lower Upper

128 100

130 33.1 13.4 53.4

64 42.0 20.5 60.5





#9

Benzaldehyde

Concen: 11.150 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

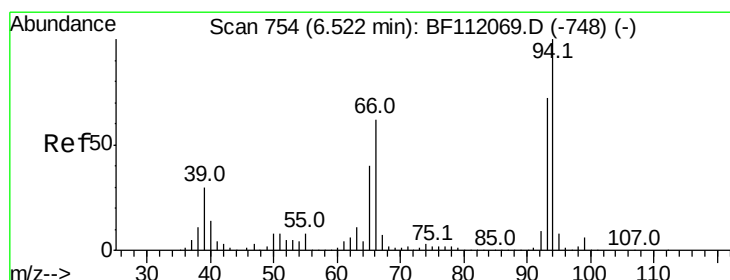
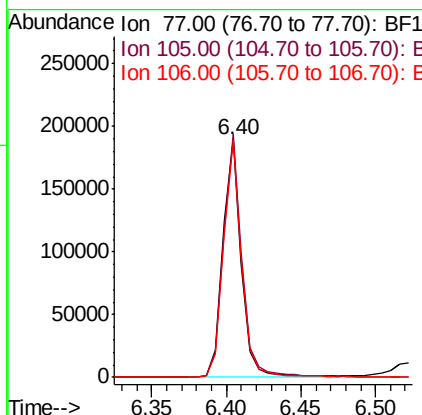
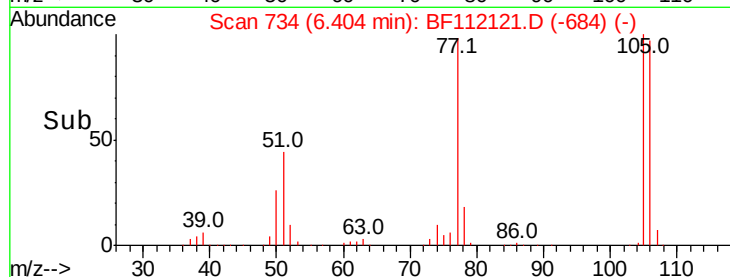
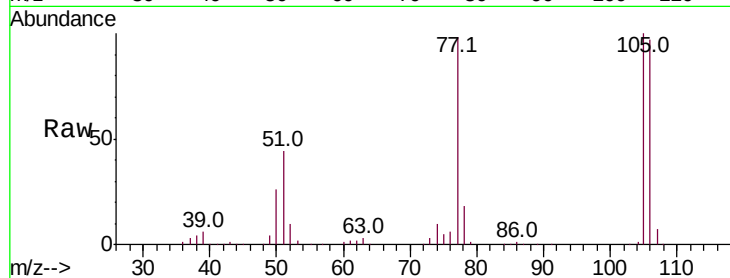
ClientSampleID :

WC-07-011519MS

Tot Ion:	77	Resp:	166641
Ion Ratio	Lower	Upper	
77	100		
105	102.2	80.8	120.8
106	99.4	75.7	115.7

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#10

Phenol

Concen: 34.463 ng

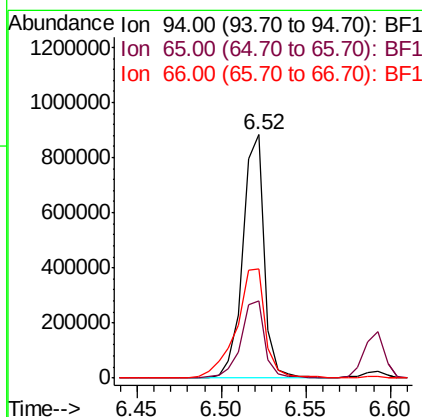
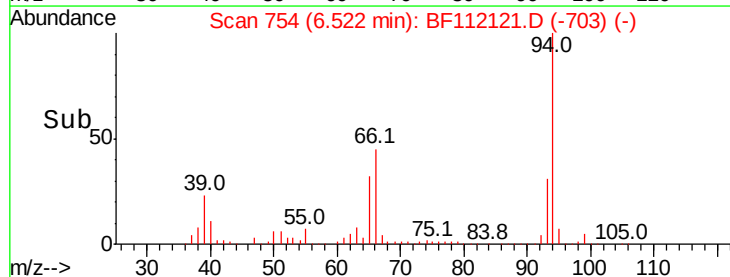
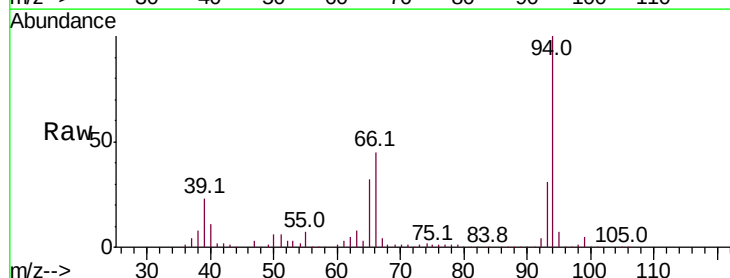
RT: 6.52 min Scan# 754

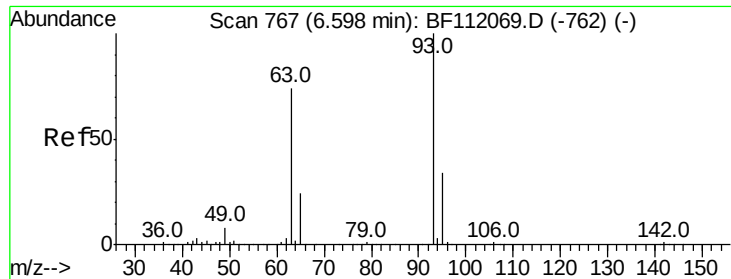
Delta R.T. -0.00 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion:	94	Resp:	785768
Ion Ratio	Lower	Upper	
94	100		
65	31.6	20.3	60.3
66	44.9	42.4	82.4





#11

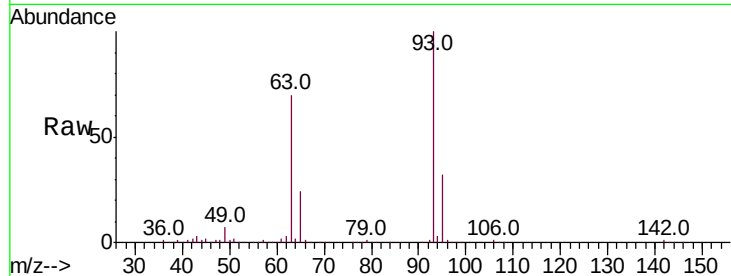
bis(2-Chloroethyl)ether
Concen: 32.876 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

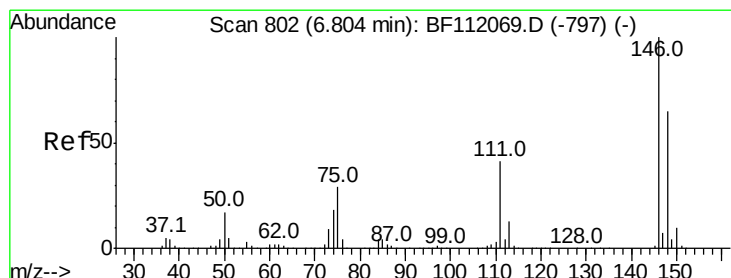
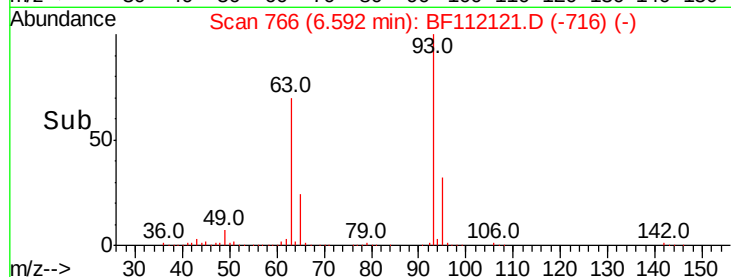
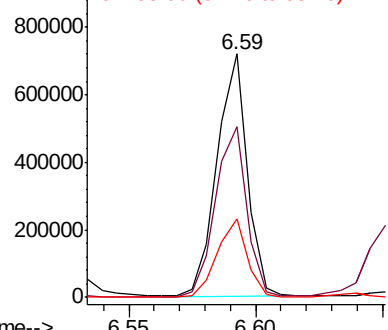
Tot Ion	Ratio	Lower	Upper
93	100		
63	69.9	53.3	93.3
95	32.5	13.4	53.4

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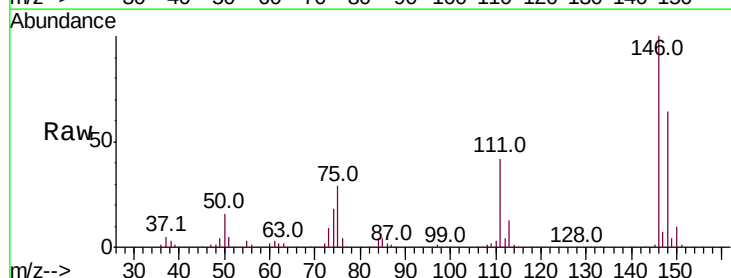
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



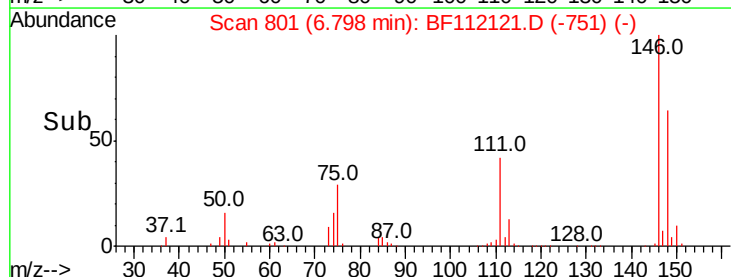
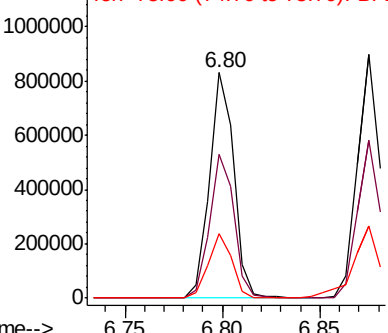
#12

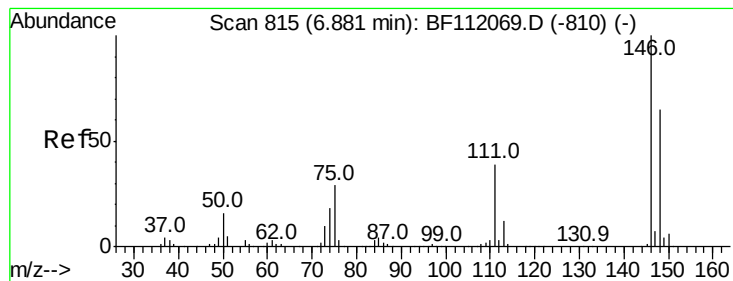
1,3-Dichlorobenzene
Concen: 32.401 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.8
75	28.8	23.1	34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 32.122 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

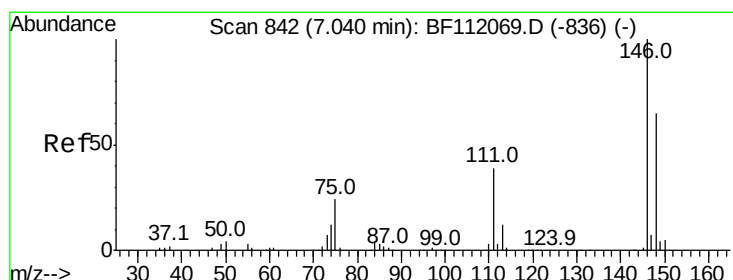
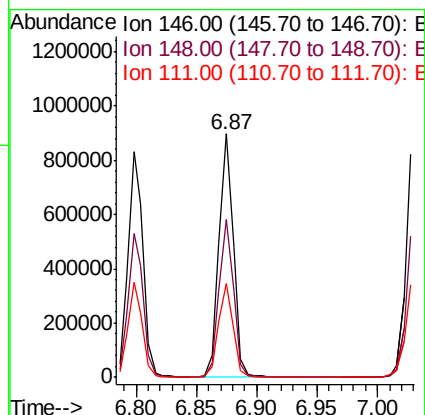
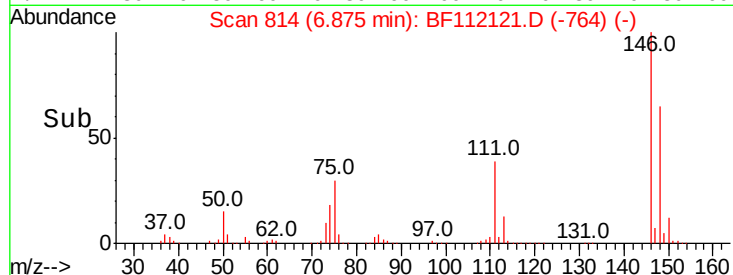
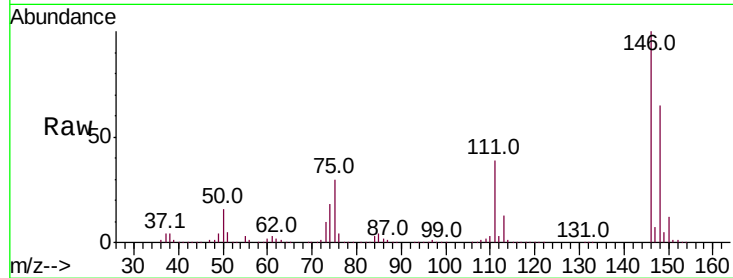
ClientSampleId :

WC-07-011519MS

Tot Ion:	146	Resp:	726161
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.0	78.0
111	38.8	31.2	46.8

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#14

1,2-Dichlorobenzene

Concen: 32.920 ng

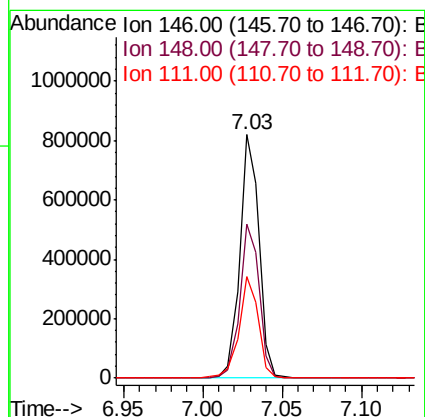
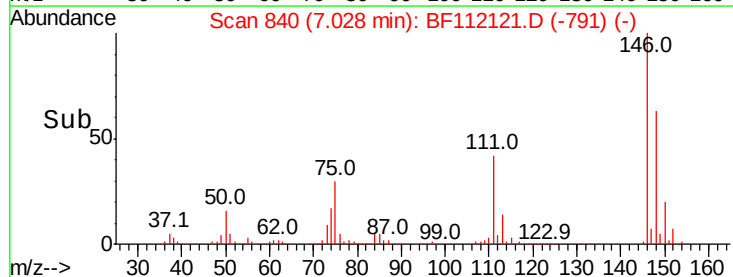
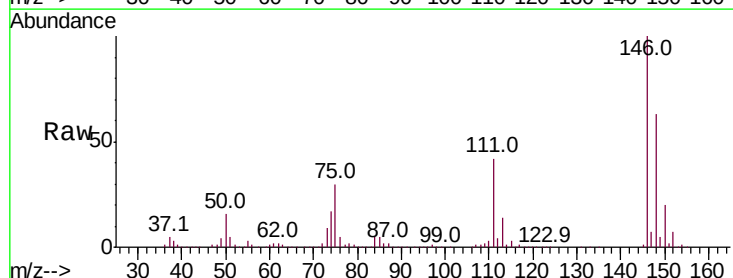
RT: 7.03 min Scan# 840

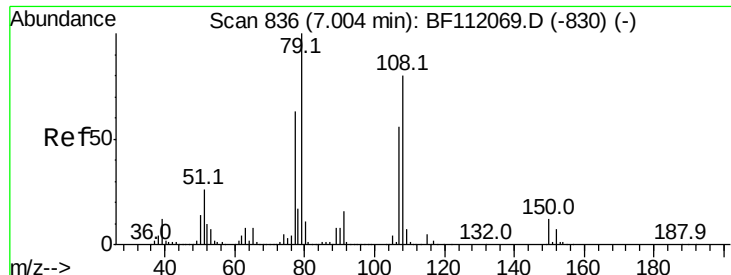
Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion:	146	Resp:	685515
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.4
111	41.7	31.2	46.8





#15

Benzyl Alcohol

Concen: 34.640 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

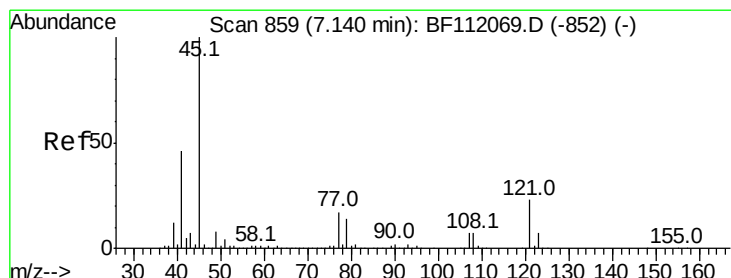
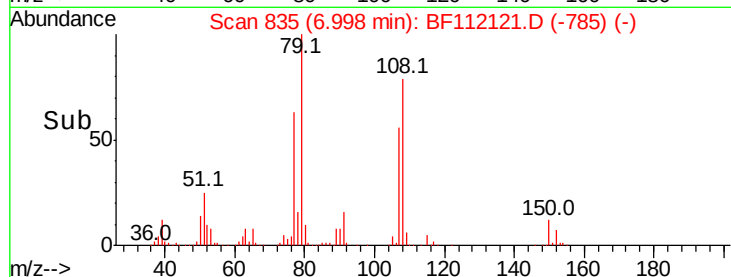
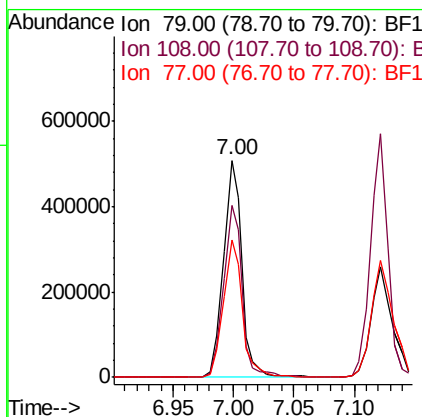
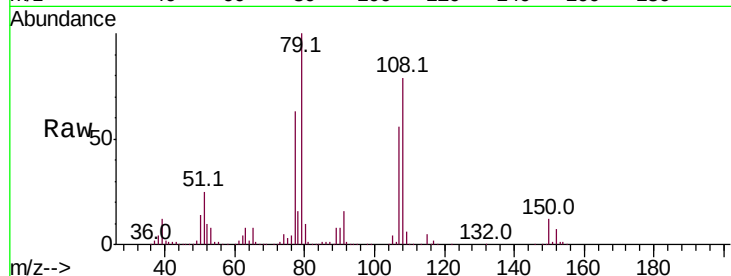
ClientSampleId :

WC-07-011519MS

Tot Ion:	79	Resp:	538412
Ion Ratio	Lower	Upper	
79	100		
108	79.3	64.2	96.2
77	63.2	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.559 ng

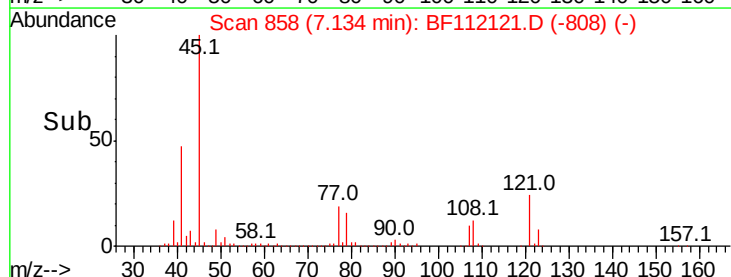
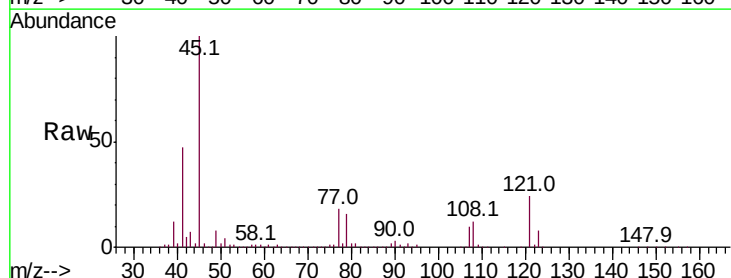
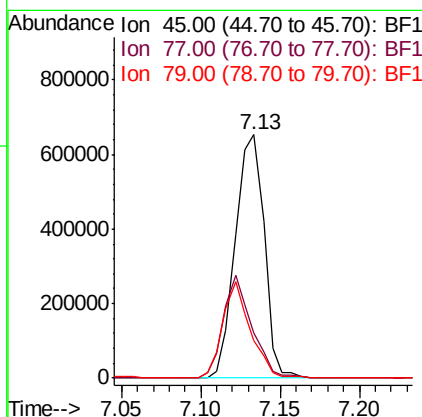
RT: 7.13 min Scan# 858

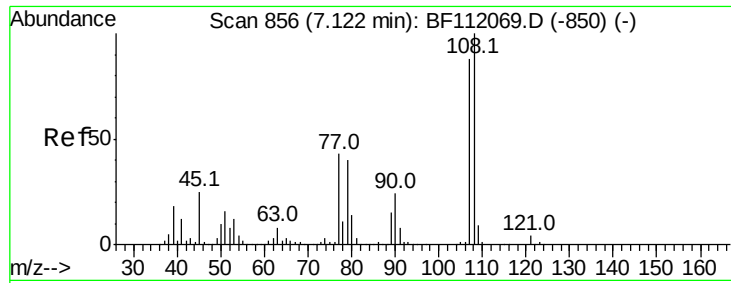
Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion:	45	Resp:	825061
Ion Ratio	Lower	Upper	
45	100		
77	18.5	0.0	36.9
79	15.6	0.0	34.0





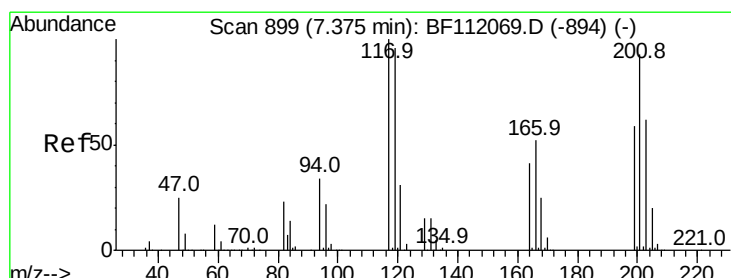
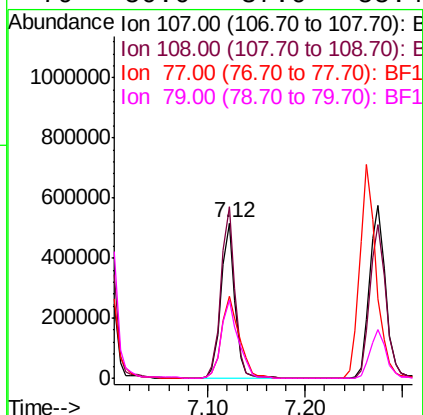
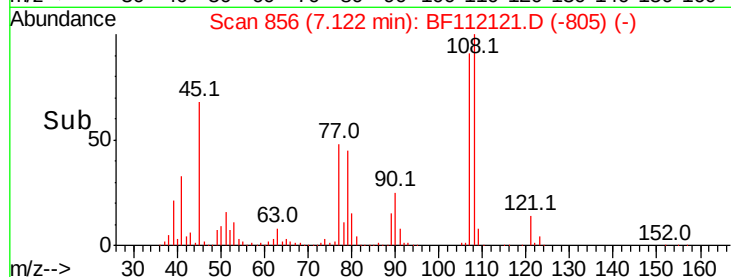
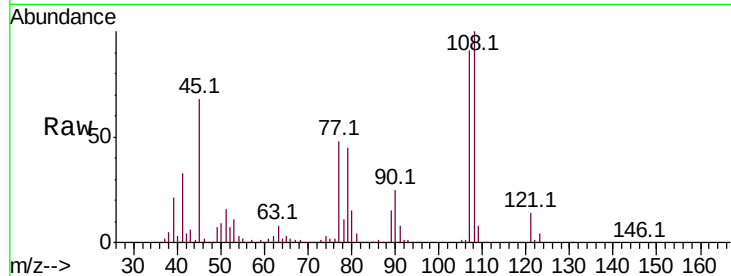
#17
2-Methylphenol
Concen: 35.305 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	91.3	136.9	
77	53.2	39.0	58.6	
79	50.0	37.0	55.4	

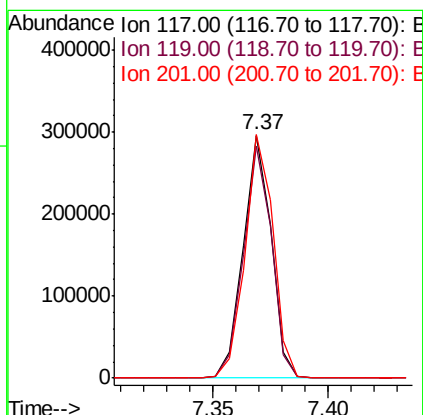
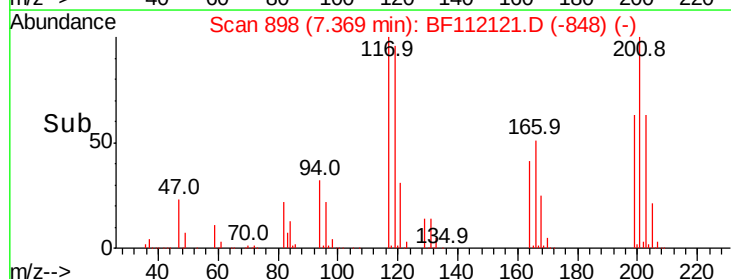
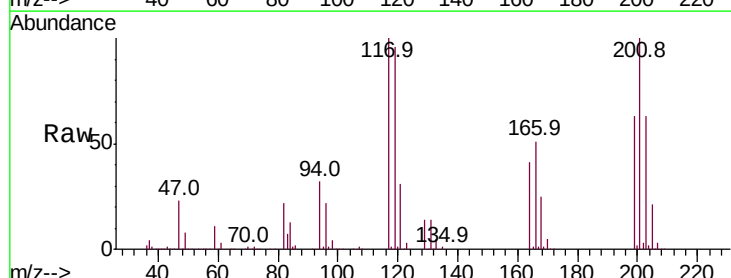
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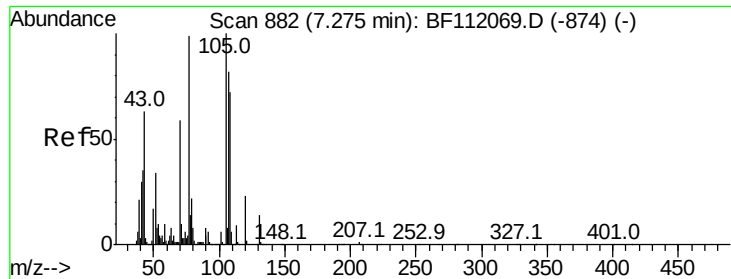
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#18
Hexachloroethane
Concen: 33.246 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.0	115.4	
201	100.4	74.1	111.1	





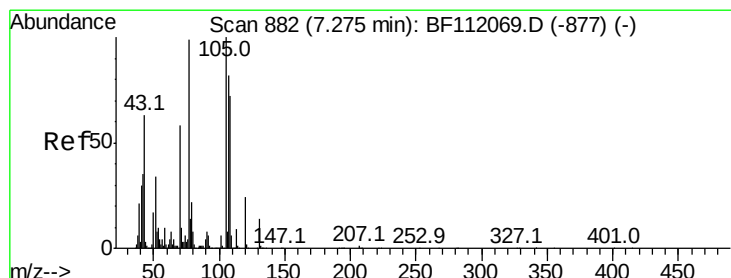
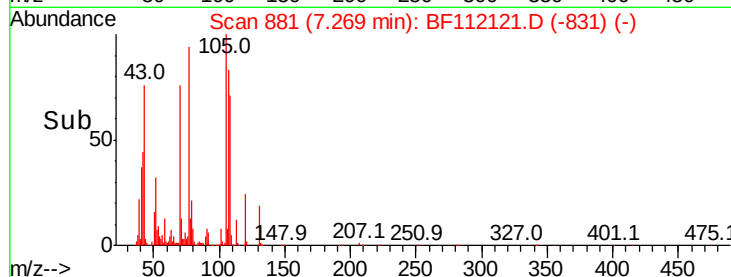
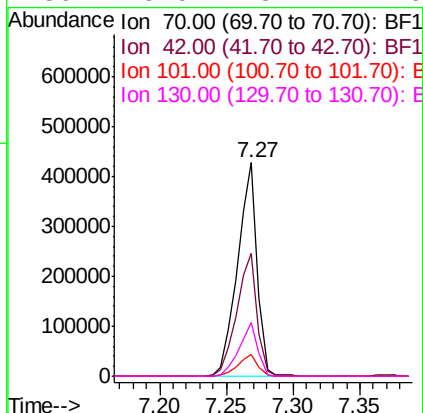
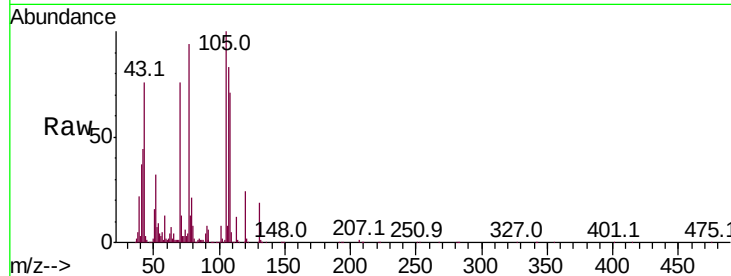
#19
n-Nitroso-di-n-propylamine
Concen: 34.531 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.6	71.4
101	10.2	7.9	11.9
130	25.0	18.4	27.6

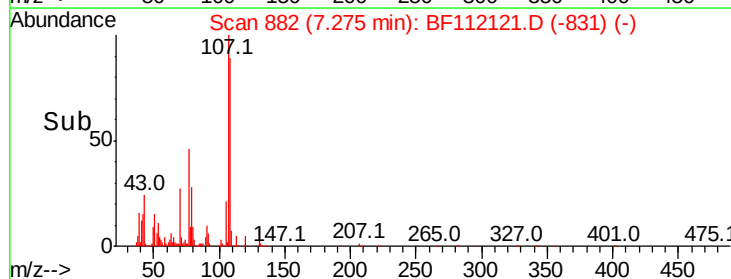
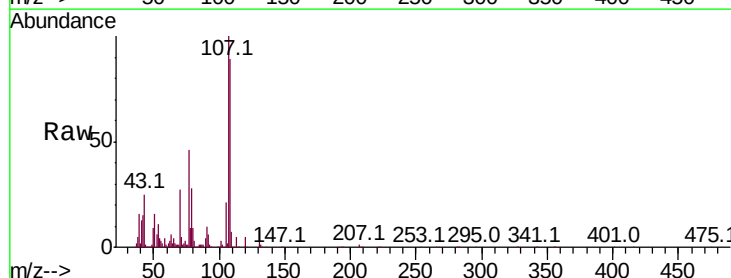
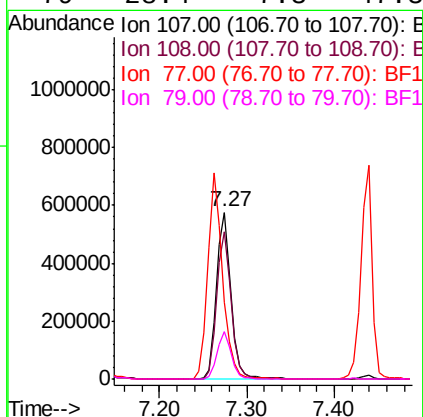
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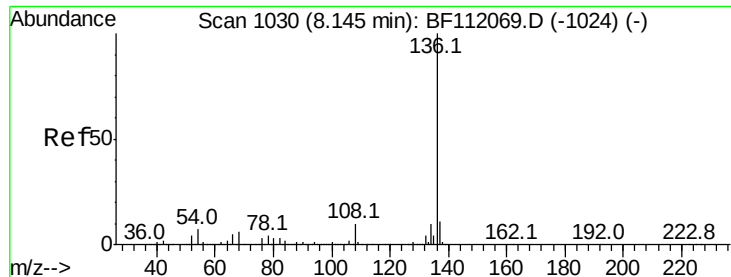
Sohil
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#20
3+4-Methylphenols
Concen: 37.564 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.2	108.2
77	46.0	100.7	140.7#
79	28.4	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

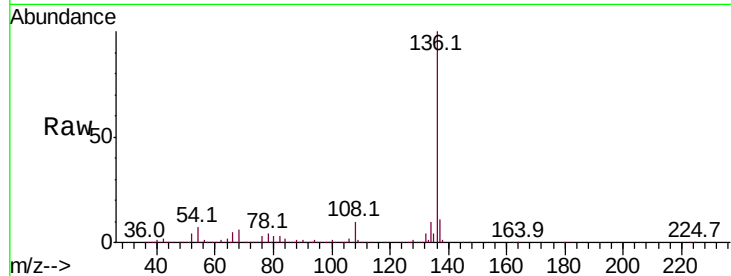
ClientSampleId :

WC-07-011519MS

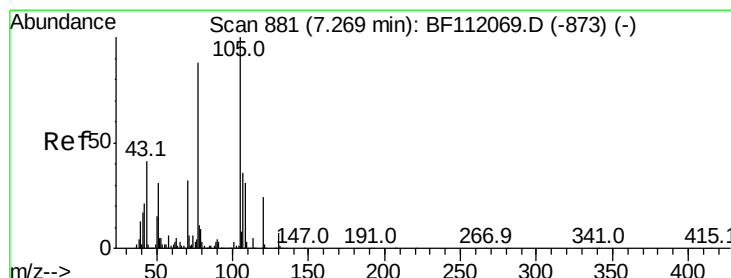
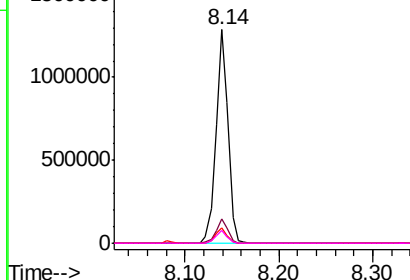
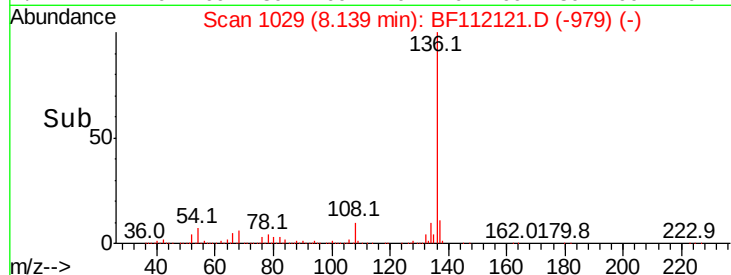
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.0	5.9	8.9
68	6.0	5.1	7.7

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Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 31.387 ng

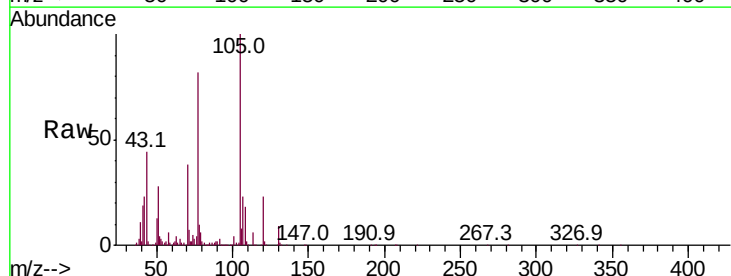
RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

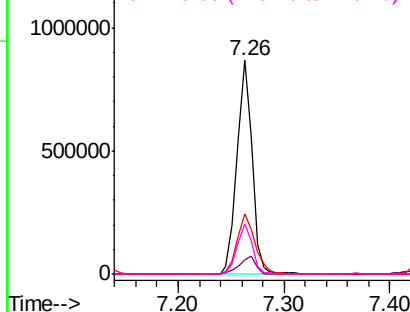
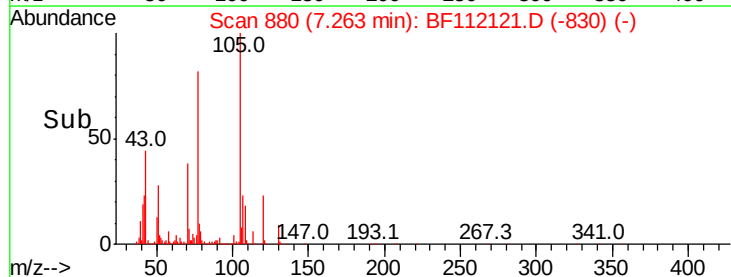
Lab File: BF112121.D

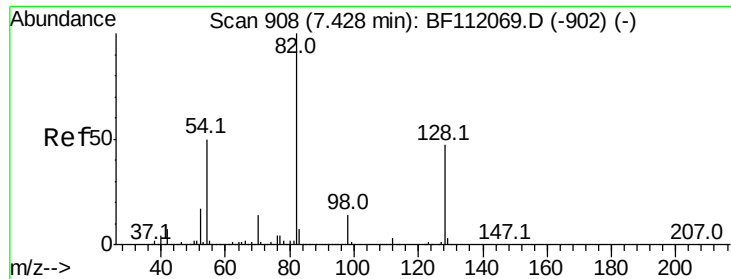
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.6	4.6	6.8
51	28.2	25.0	37.6
120	23.5	19.0	28.4



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





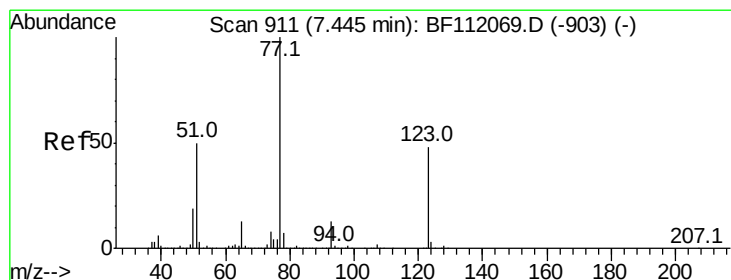
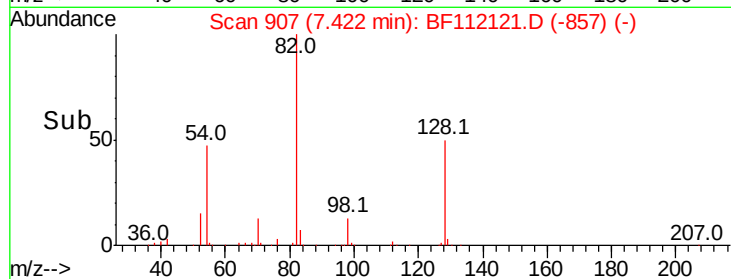
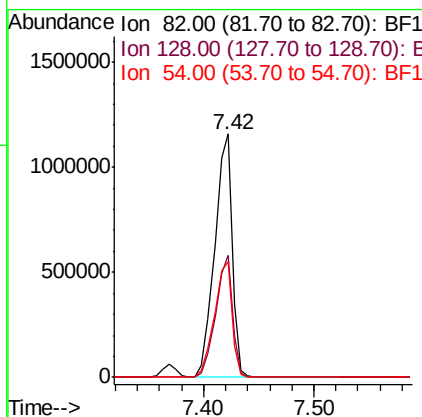
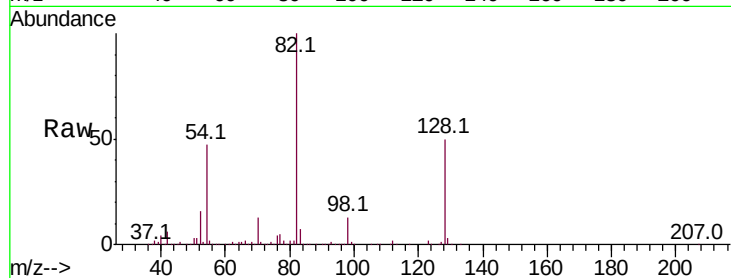
#23
Nitrobenzene-d5
Concen: 75.075 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion: 82 Resp: 1266935
Ion Ratio Lower Upper
82 100
128 49.9 37.8 56.8
54 47.4 39.7 59.5

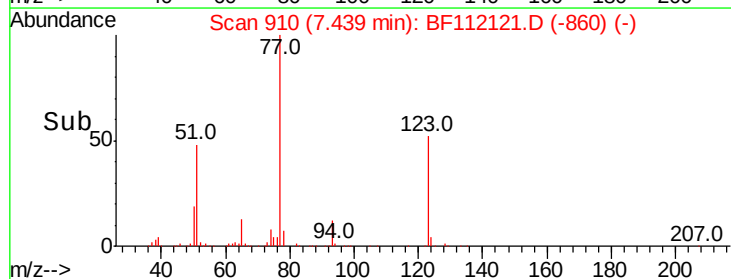
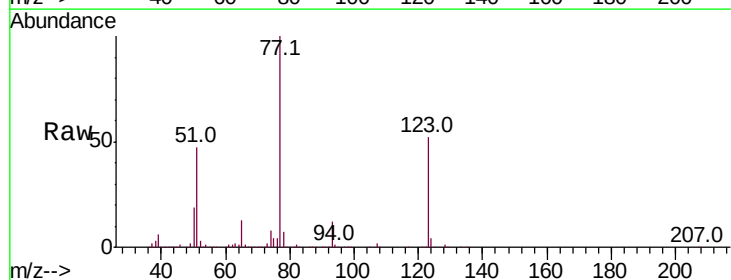
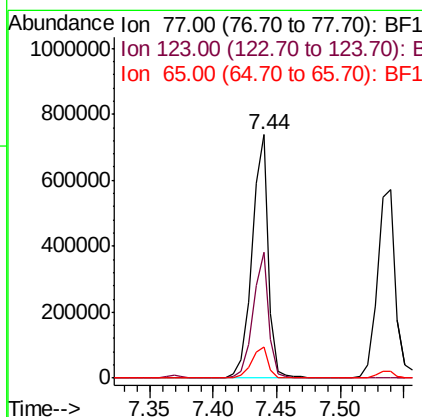
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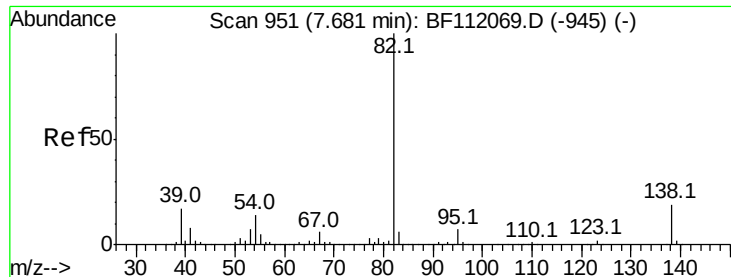
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#24
Nitrobenzene
Concen: 36.891 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion: 77 Resp: 659789
Ion Ratio Lower Upper
77 100
123 51.8 38.4 57.6
65 12.9 10.6 15.8





#25

Isophorone

Concen: 36.169 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MS

Tot Ion: 82 Resp: 1178970

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

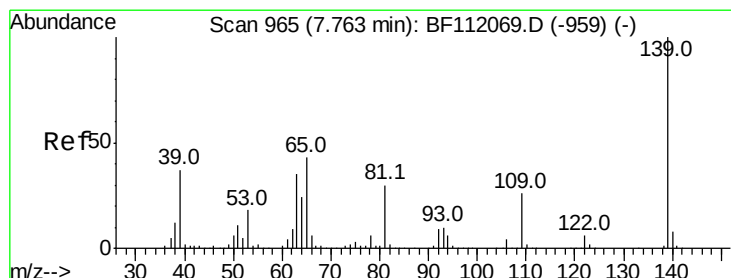
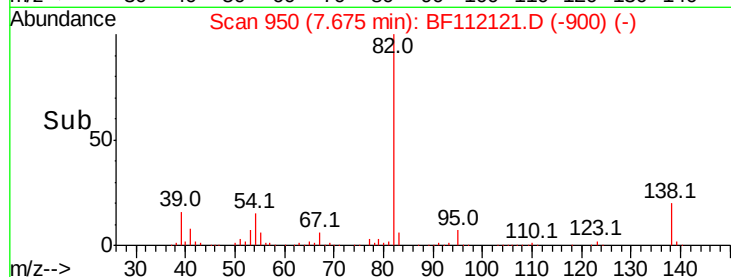
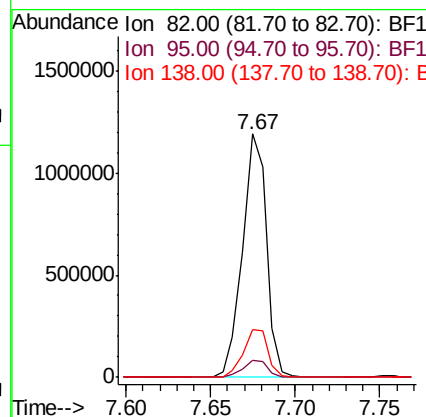
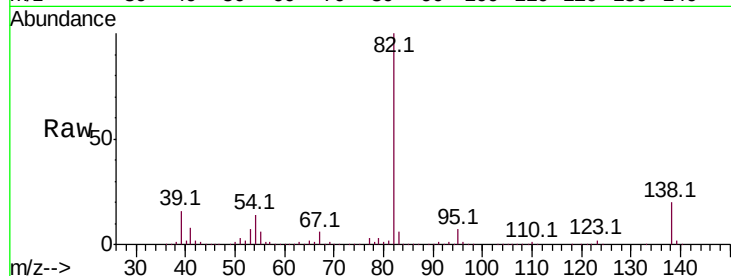
138 19.6 15.4 23.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 39.170 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

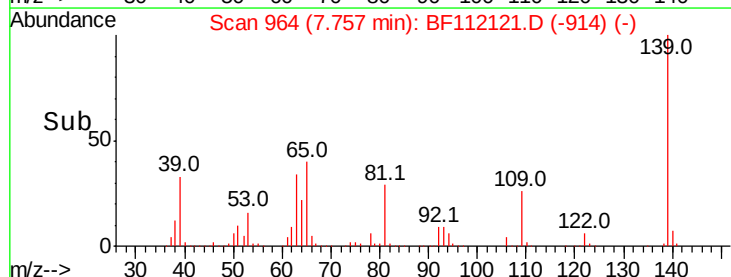
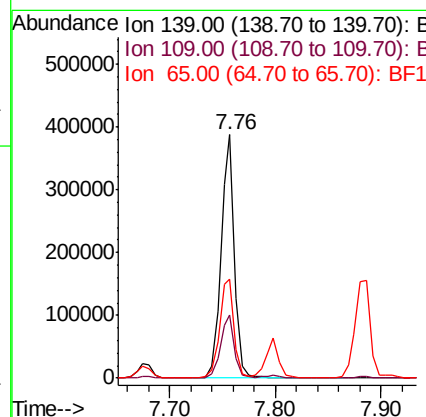
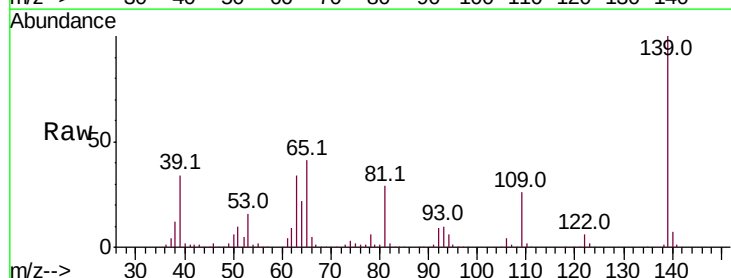
Tgt Ion: 139 Resp: 348933

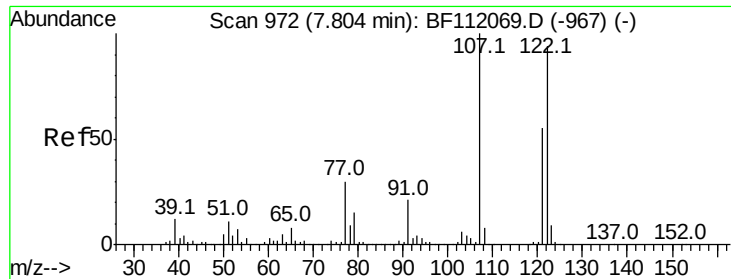
Ion Ratio Lower Upper

139 100

109 25.7 20.8 31.2

65 40.7 34.4 51.6





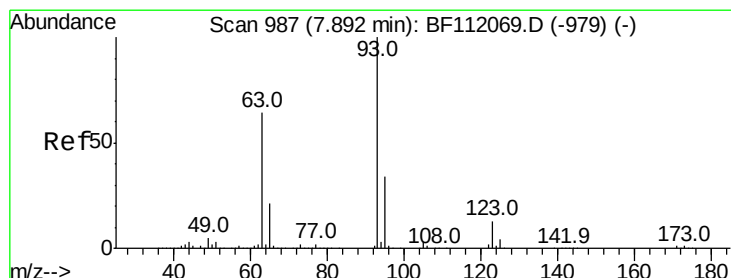
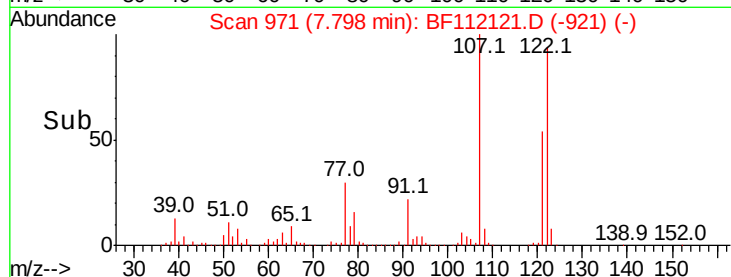
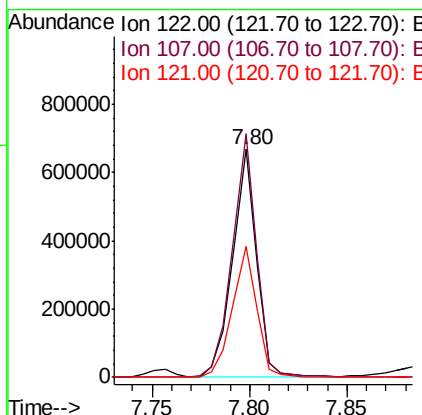
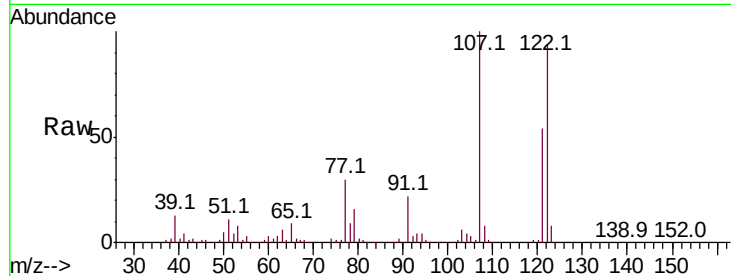
#27
2,4-Dimethylphenol
Concen: 37.673 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.9	85.4	128.0
121	57.8	47.0	70.4

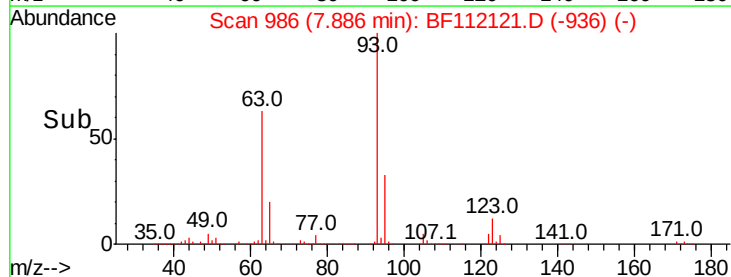
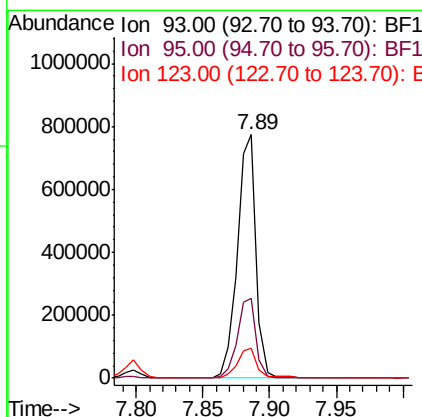
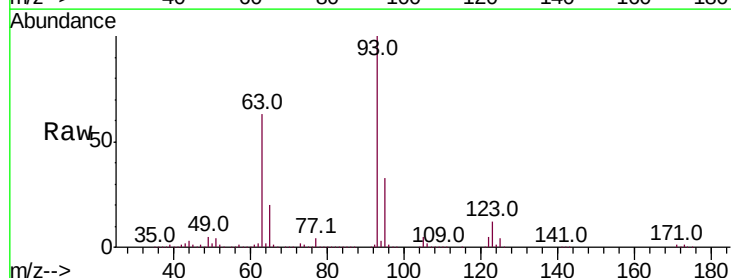
Manual Integrations
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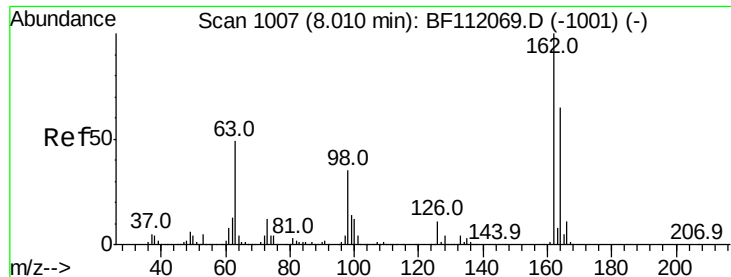
Sohil
1/21/2019 12:00:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 33.770 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.8	40.2
123	12.4	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 34.365 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

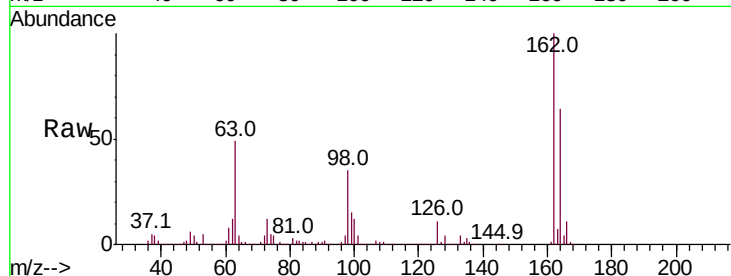
ClientSampleId :

WC-07-011519MS

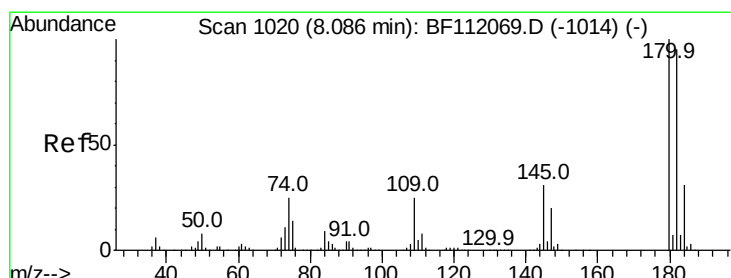
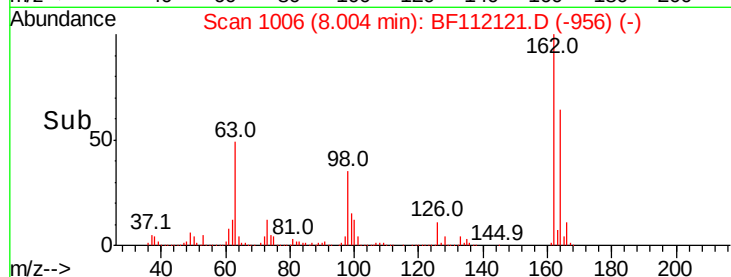
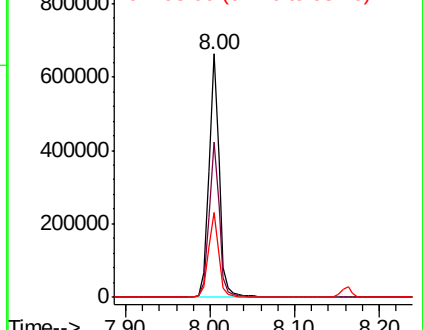
Tot Ion:	162	Resp:	567996
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.6	84.6
98	34.7	14.6	54.6

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 32.653 ng

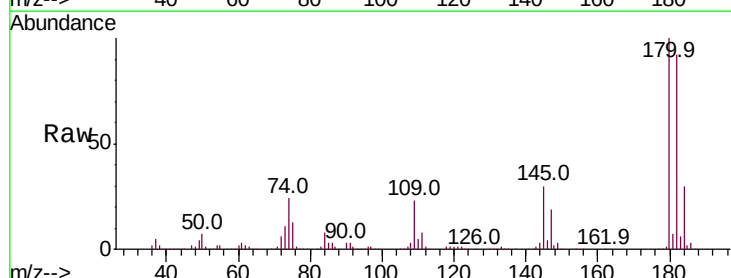
RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

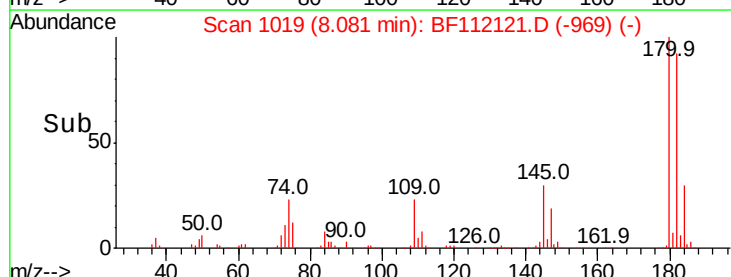
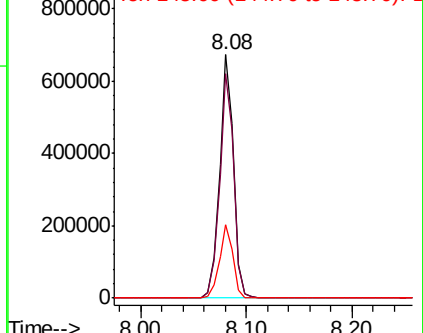
Lab File: BF112121.D

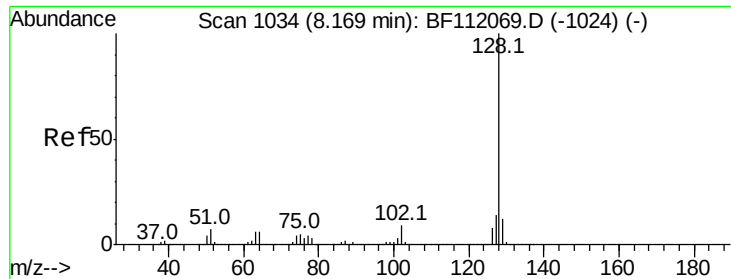
Acq: 18 Jan 2019 12:25

Tgt Ion:	180	Resp:	626337
Ion Ratio	Lower	Upper	
180	100		
182	92.0	76.4	114.6
145	30.0	25.0	37.4



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





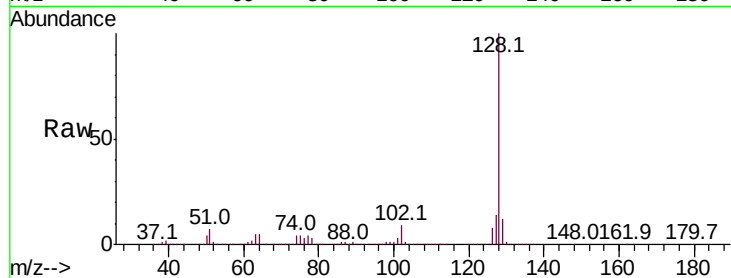
#31
Naphthalene
Concen: 34.812 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.8	11.1	16.7

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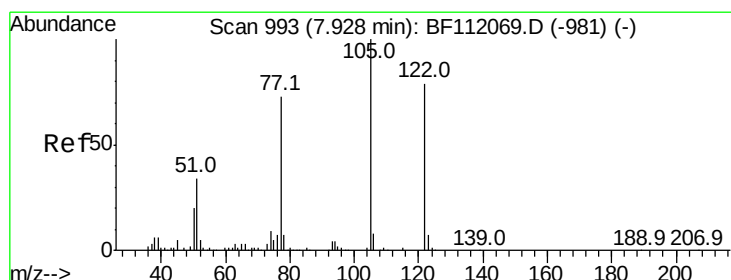
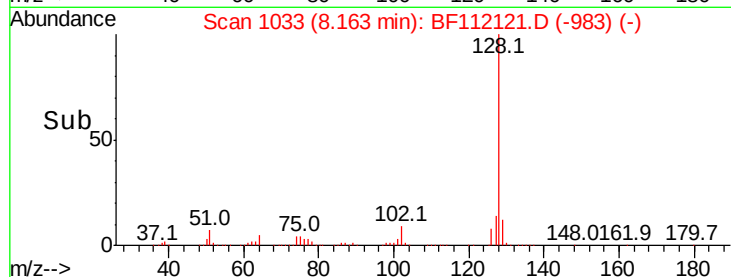
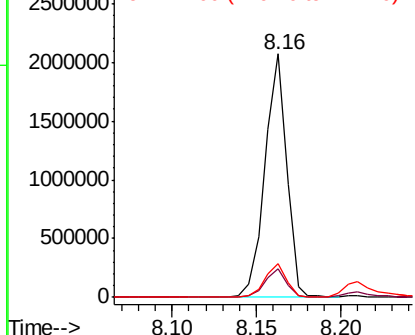


Abundance

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: 31.845 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

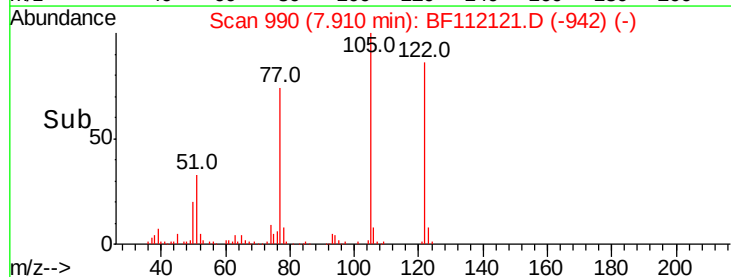
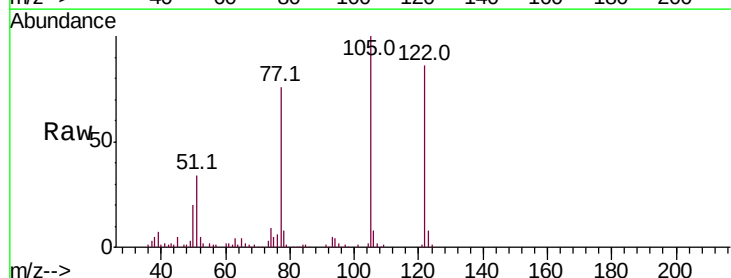
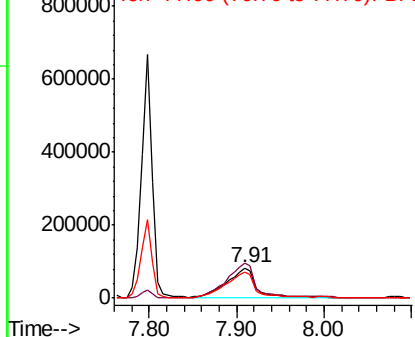
Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.6	101.2	141.2
77	88.3	70.4	110.4

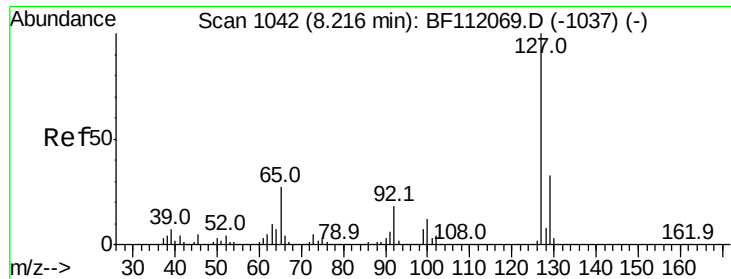
Abundance

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





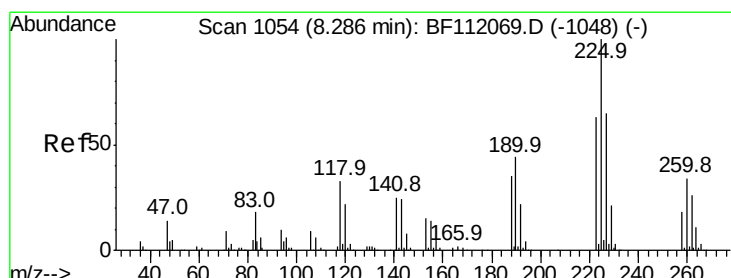
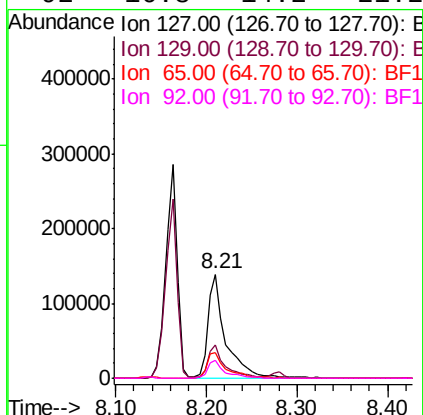
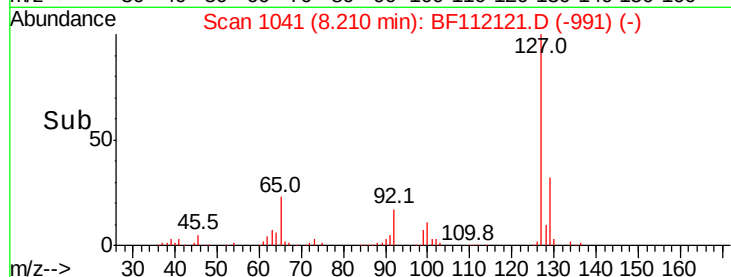
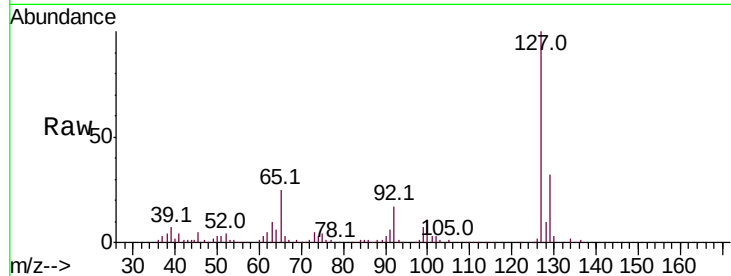
#33
4-Chloroaniline
Concen: 8.074 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.6	39.8	
65	25.1	21.4	32.2	
92	16.8	14.2	21.2	

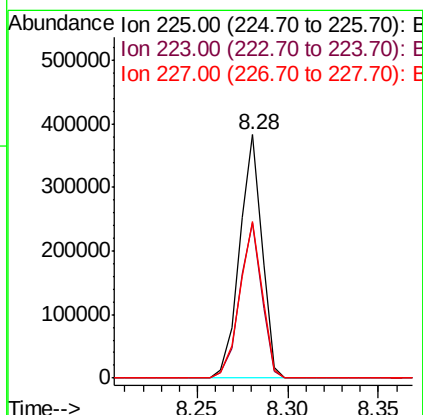
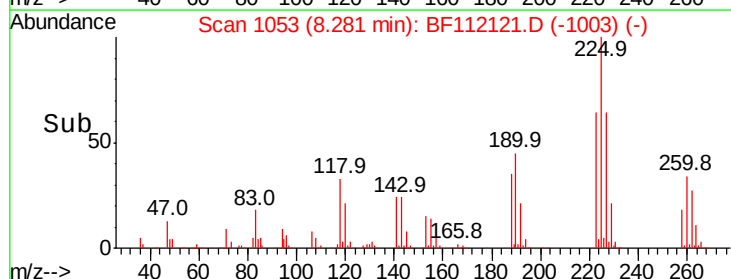
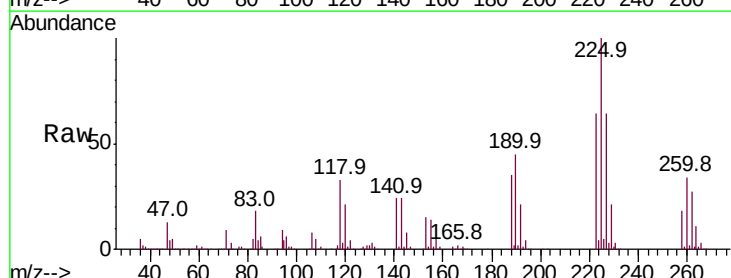
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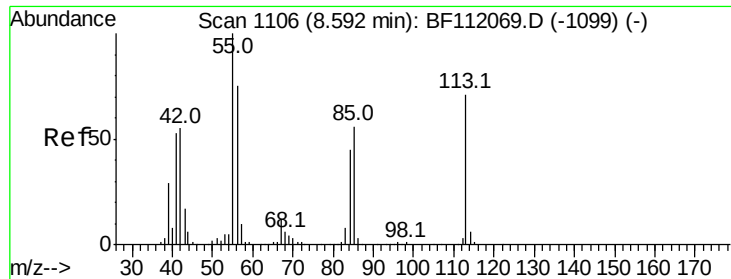
Sohil
1/21/2019 12:00:39 PM



#34
Hexachlorobutadiene
Concen: 30.570 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.3	75.5	
227	64.2	51.8	77.8	





#35

Caprolactam

Concen: 29.707 ng/ml

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

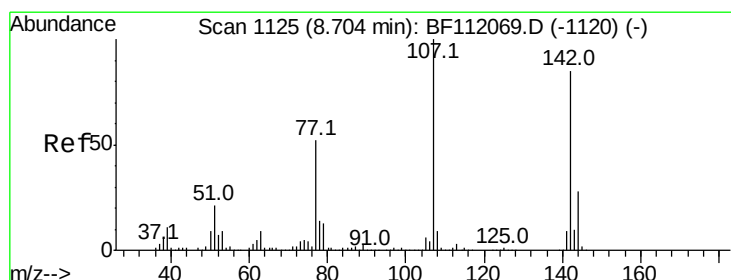
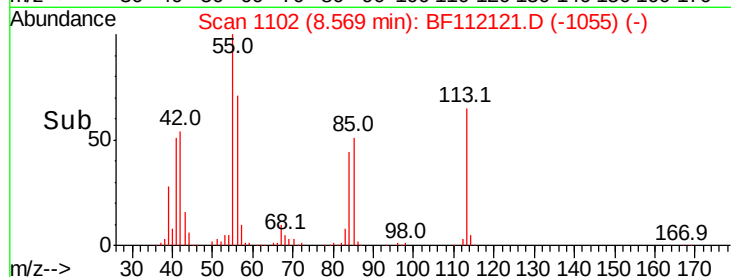
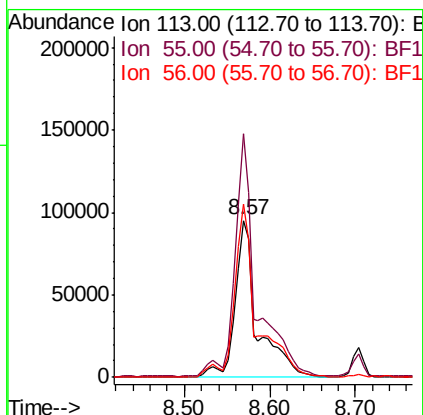
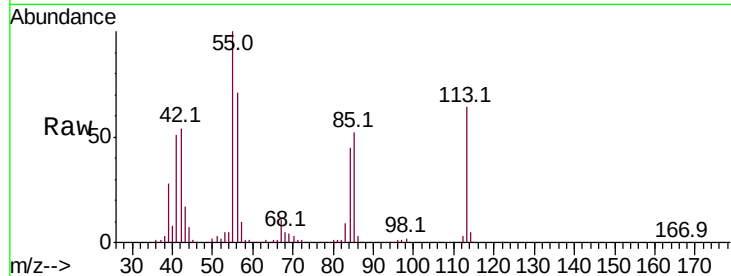
ClientSampleId :

WC-07-011519MS

Tot Ion:	113	Resp:	171854
Ion Ratio	Lower	Upper	
113	100		
55	155.3	121.6	161.6
56	110.4	86.7	126.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 33.717 ng/ml

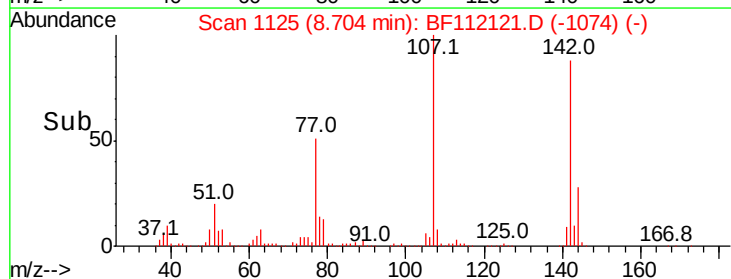
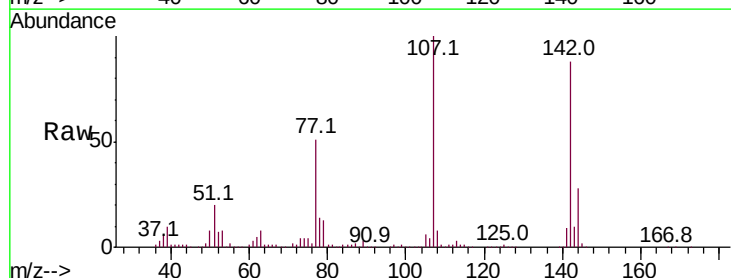
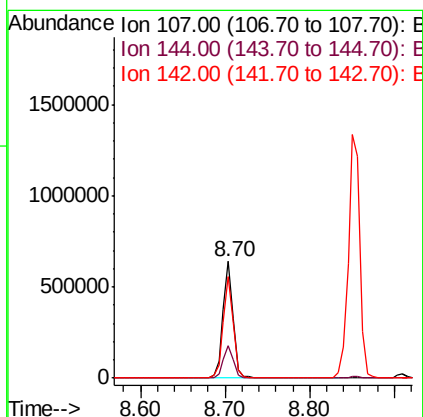
RT: 8.70 min Scan# 1125

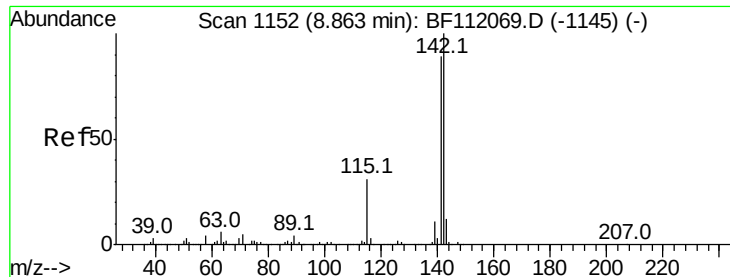
Delta R.T. -0.00 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion:	107	Resp:	544298
Ion Ratio	Lower	Upper	
107	100		
144	28.0	22.2	33.2
142	87.9	67.7	101.5





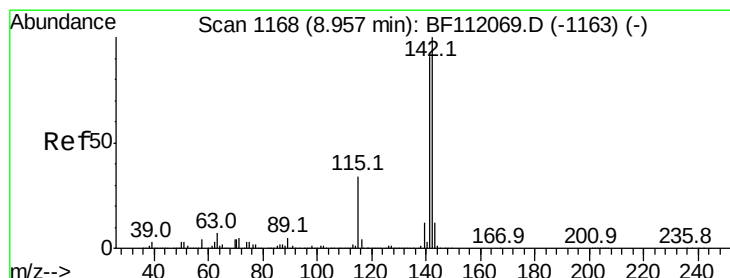
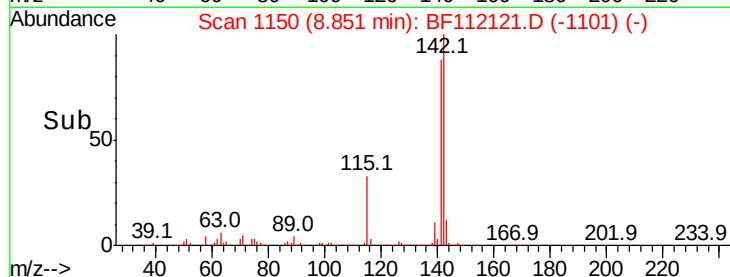
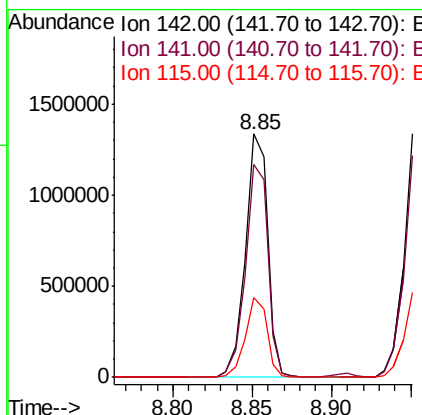
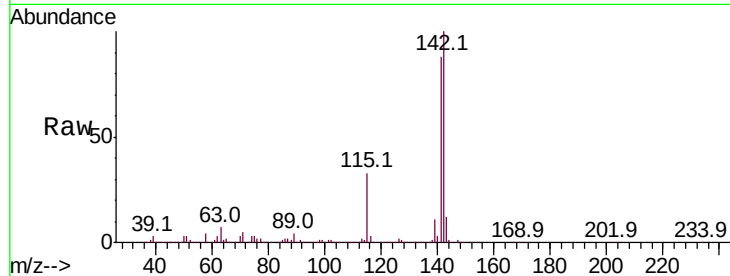
#37
2-Methylnaphthalene
Concen: 36.034 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.9	106.3
115	32.7	24.9	37.3

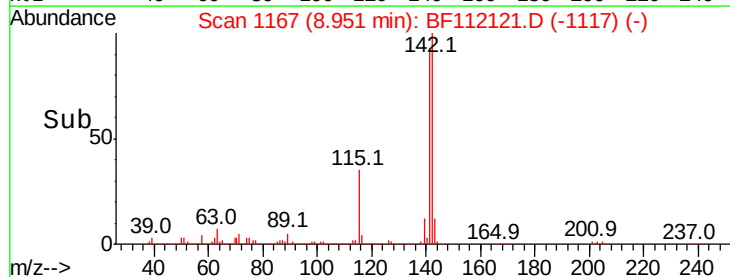
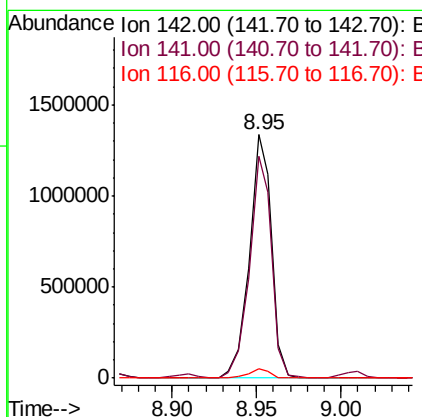
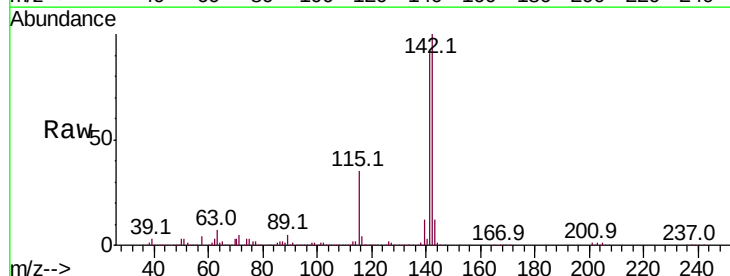
Manual Integrations
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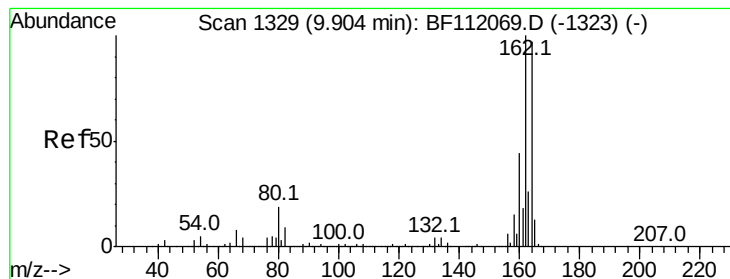
Sohil
1/21/2019 12:00:39 PM



#38
1-Methylnaphthalene
Concen: 35.190 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	108.8
116	3.7	2.8	4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

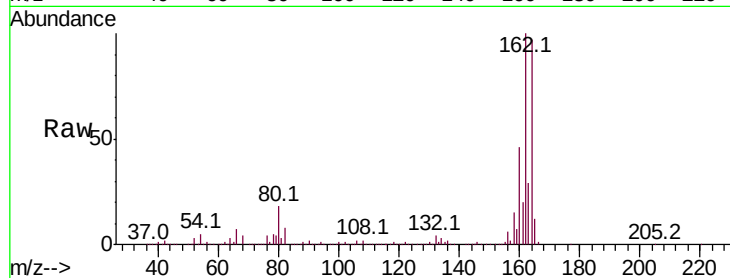
ClientSampleId :

WC-07-011519MS

Tot Ion:	164	Resp:	566793
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.2	123.4
160	47.3	36.2	54.4

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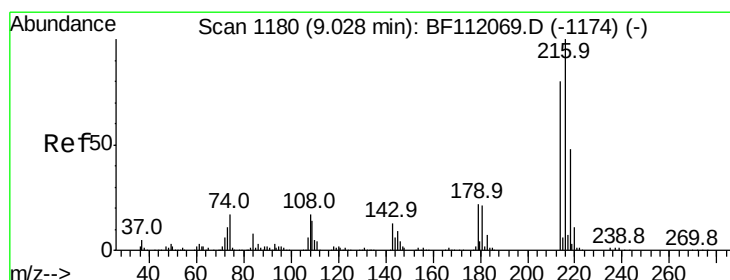
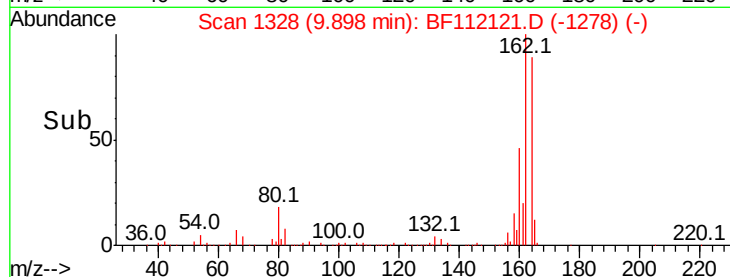
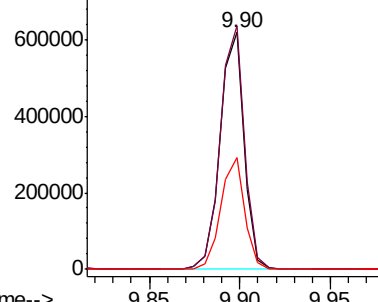


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.934 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion:	216	Resp:	599422
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.8	95.6
179	21.0	16.9	25.3
108	18.1	14.2	21.4

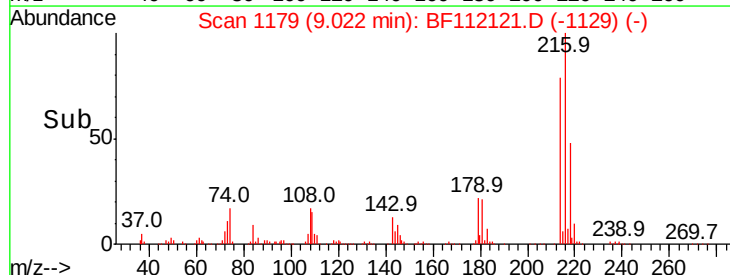
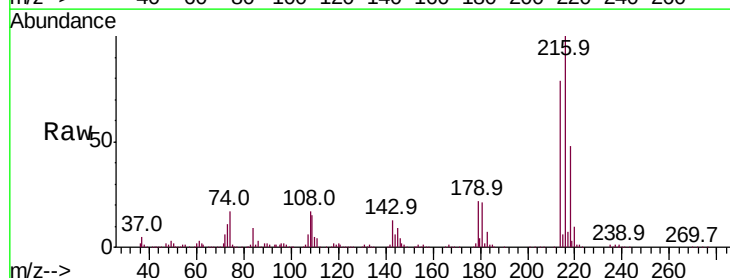
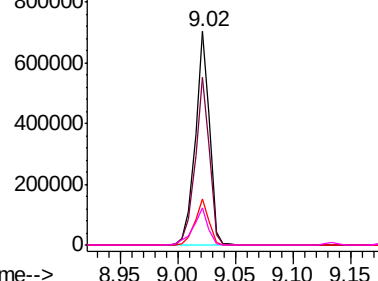
Abundance

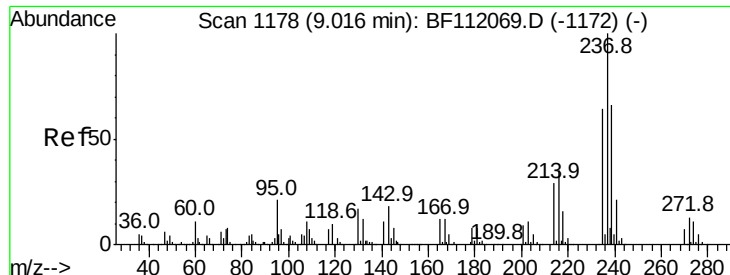
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.274 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

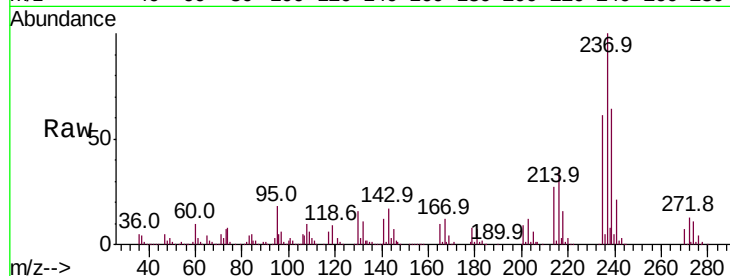
ClientSampleId :

WC-07-011519MS

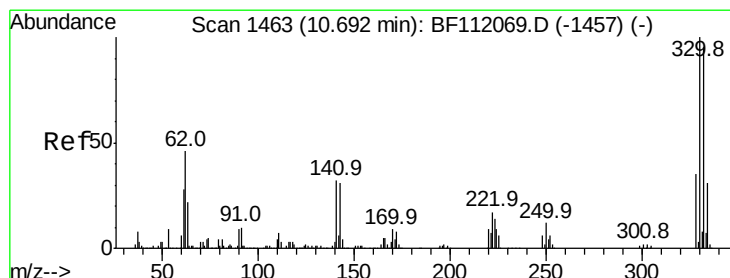
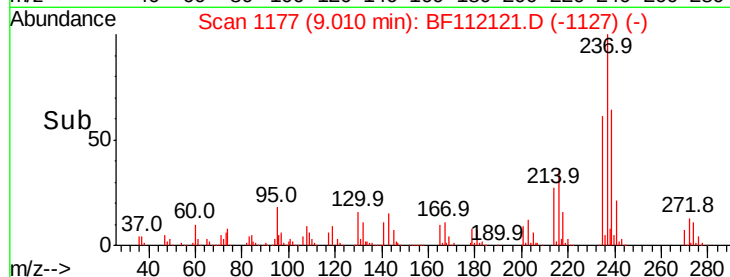
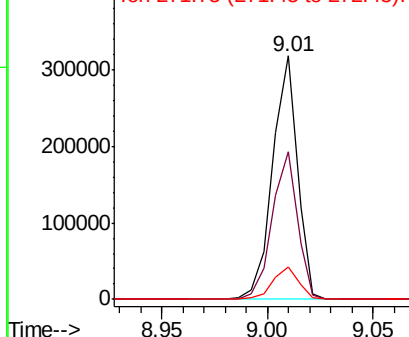
Tot Ion:	237	Resp:	261406
Ion Ratio	Lower	Upper	
237	100		
235	60.6	44.0	84.0
272	13.1	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 89.208 ng

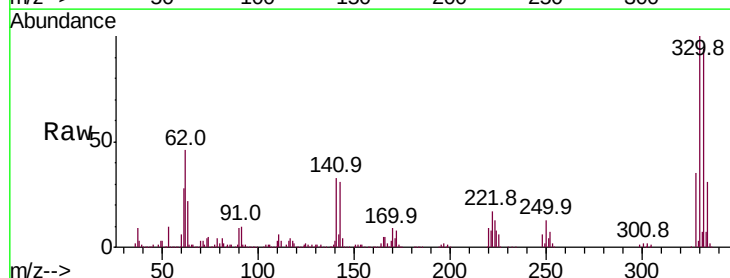
RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

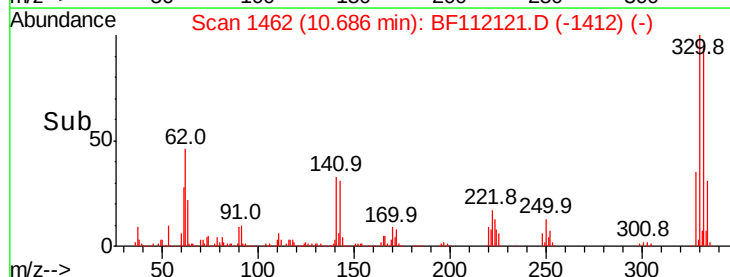
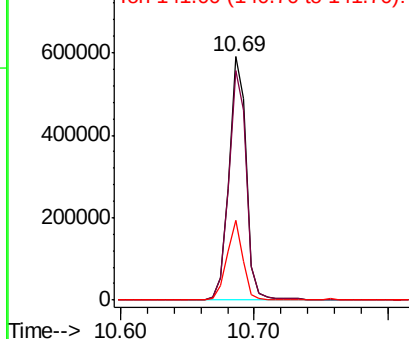
Lab File: BF112121.D

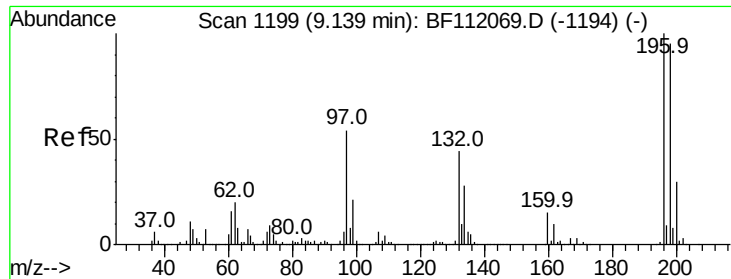
Acq: 18 Jan 2019 12:25

Tgt Ion:	330	Resp:	545461
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.6	114.8
141	30.6	24.3	36.5



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





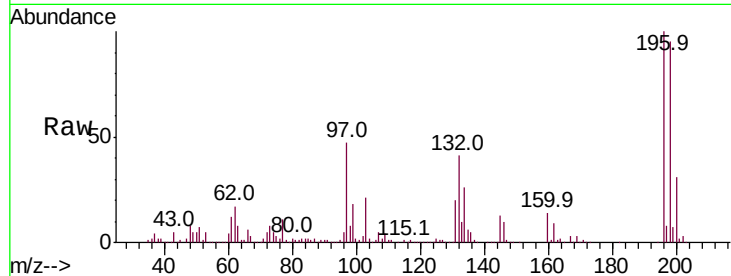
#43
 2,4,6-Trichlorophenol
 Concen: 36.849 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF112121.D
 Acq: 18 Jan 2019 12:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	401210		
198	95.1	76.2	114.4	
200	31.0	24.3	36.5	

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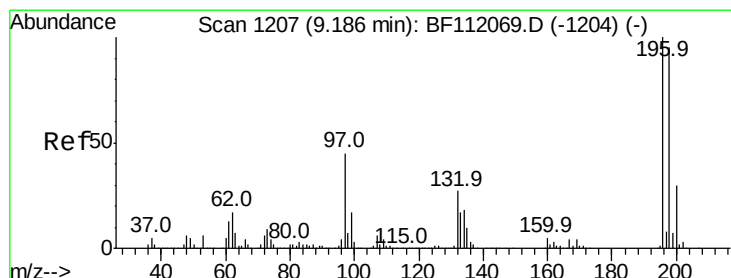
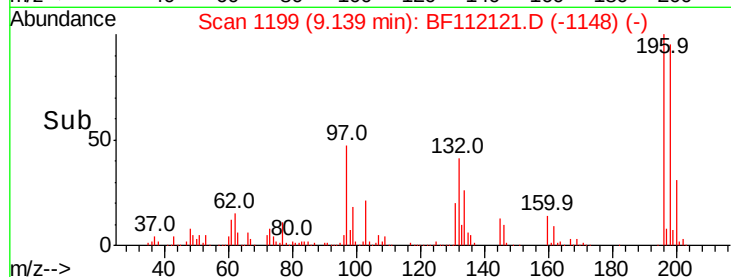
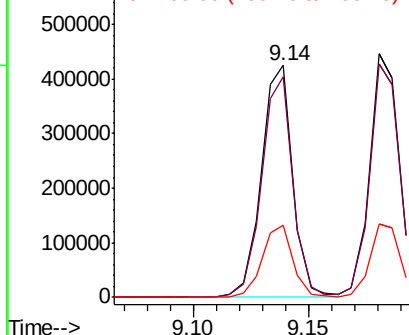


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.479 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF112121.D
 Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	411428		
198	95.6	76.0	114.0	
97	50.4	36.4	54.6	
132	28.4	21.5	32.3	

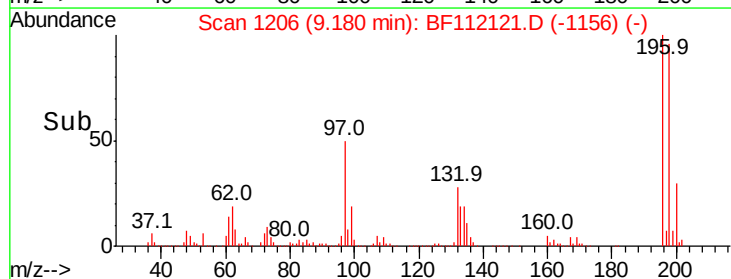
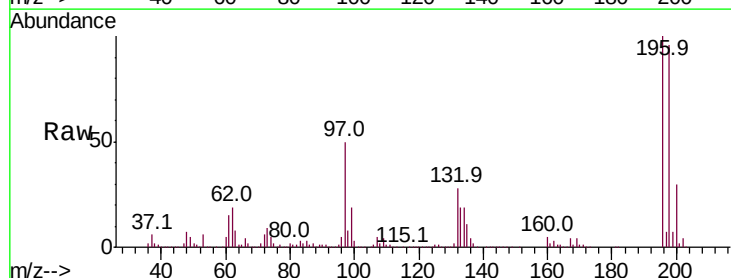
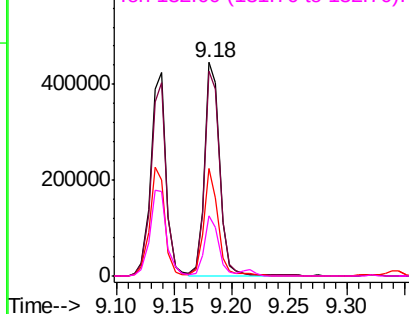
Abundance

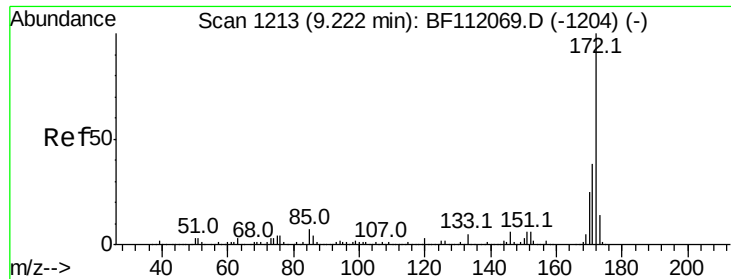
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





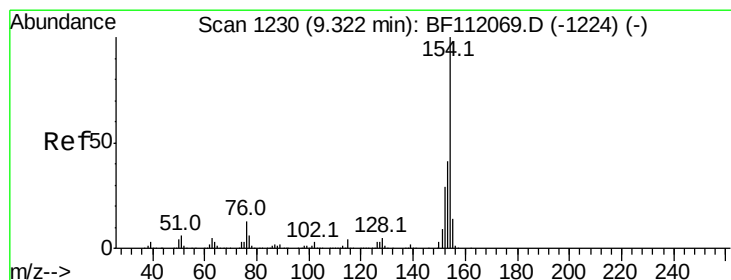
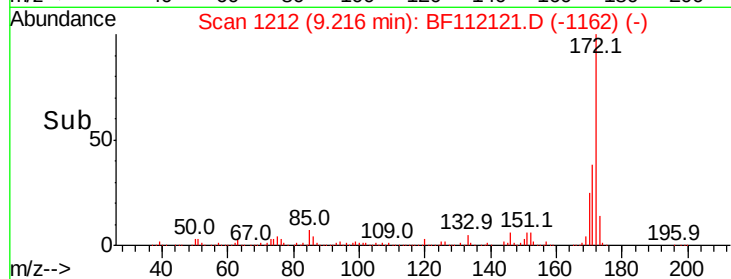
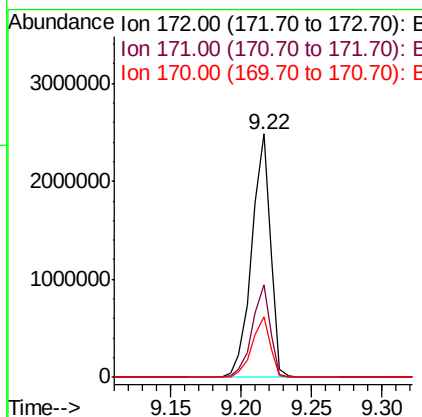
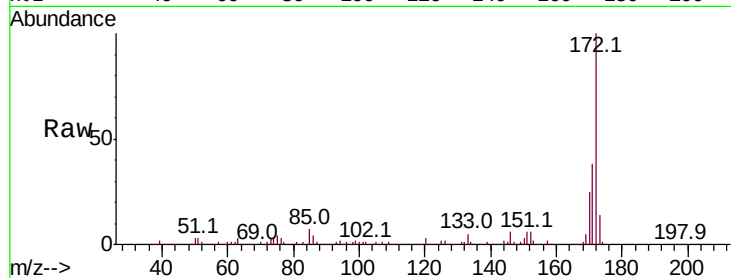
#45
2-Fluorobiphenyl
Concen: 60.182 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	25.0	20.2	30.4

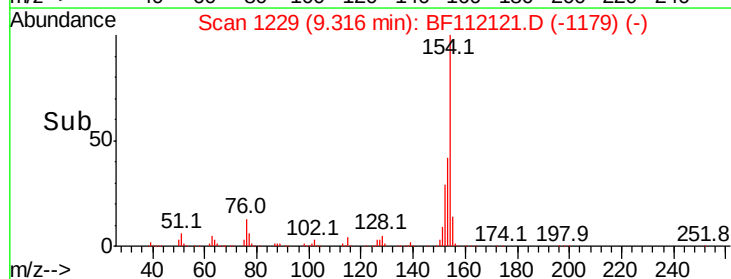
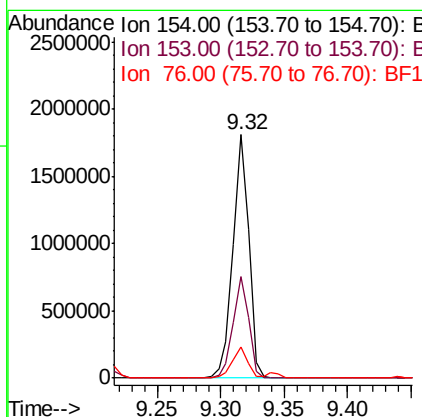
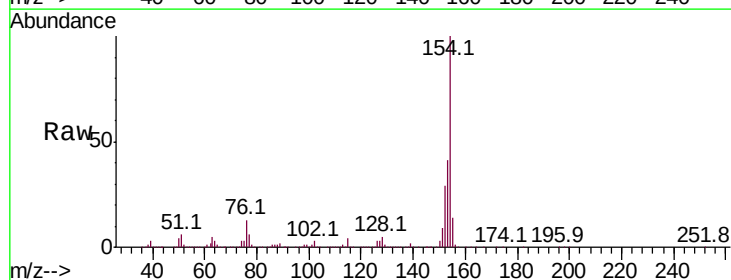
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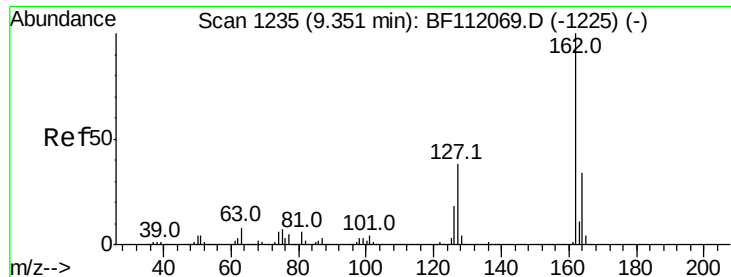
Sohil
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#46
1,1'-Biphenyl
Concen: 32.871 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.5	61.5
76	12.7	0.0	33.1





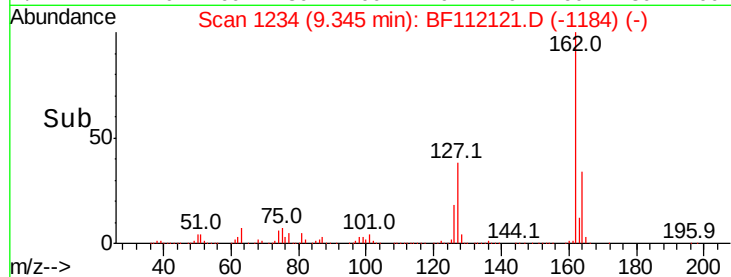
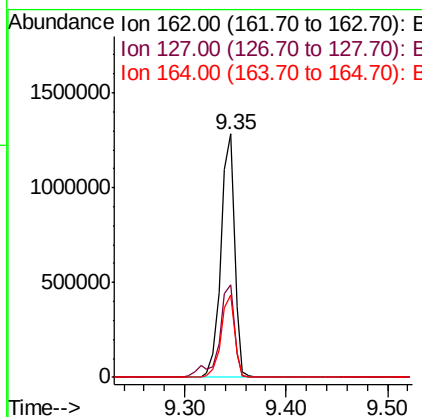
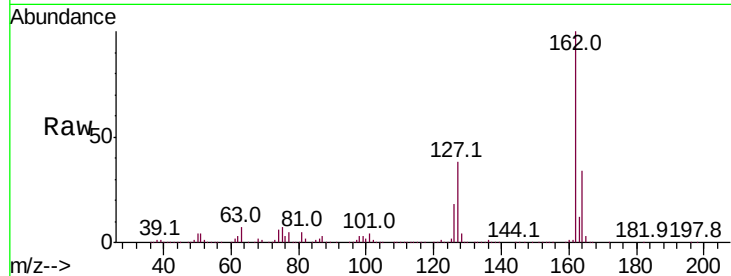
#47
2-Chloronaphthalene
Concen: 32.437 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.4	45.6
164	33.7	27.4	41.2

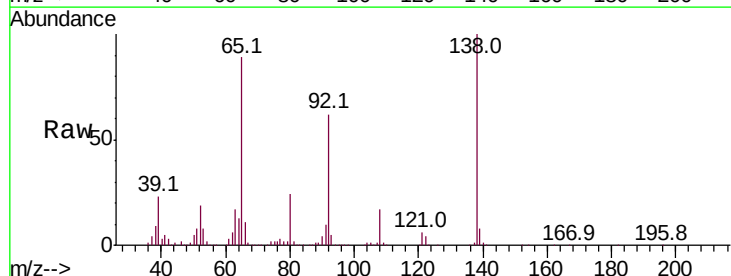
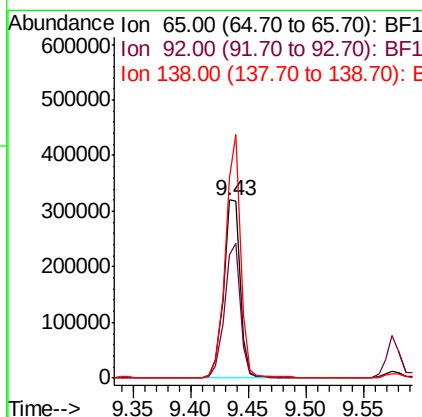
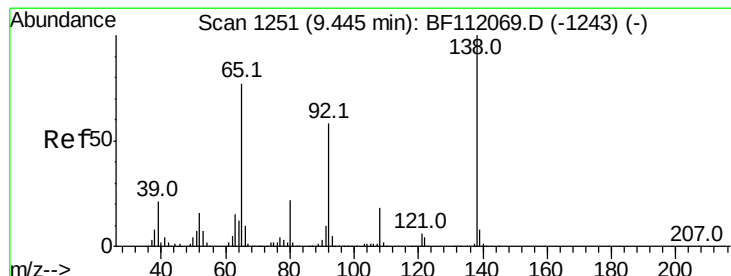
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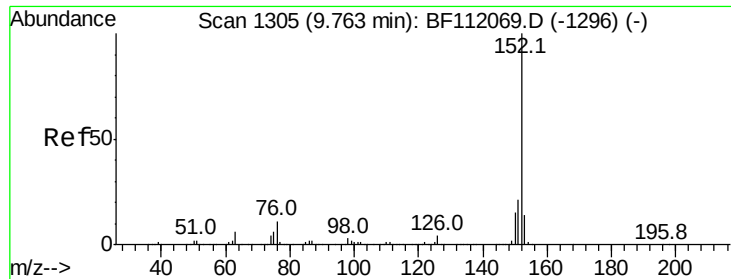
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#48
2-Nitroaniline
Concen: 38.662 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	60.4	90.6
138	112.3	104.4	156.6





#49

Acenaphthylene

Concen: 34.638 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MS

Tot Ion:152 Resp: 1875163

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

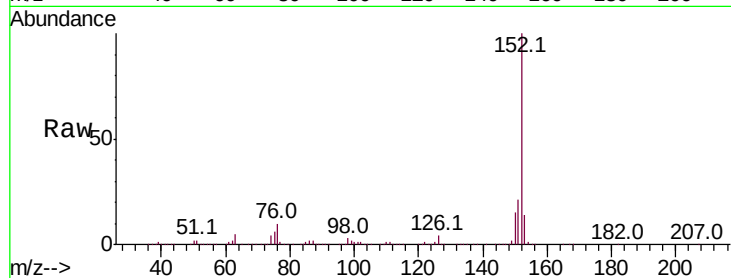
153 14.0 11.2 16.8

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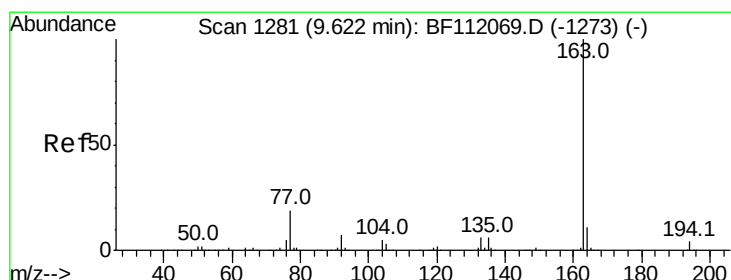
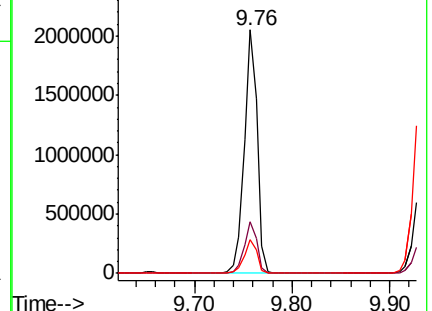
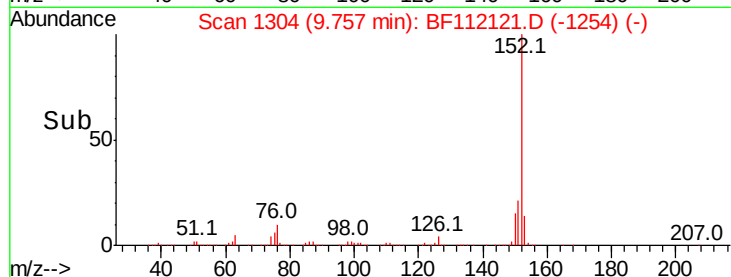
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.675 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

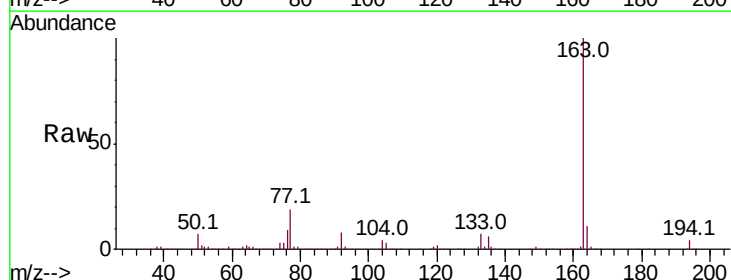
Tgt Ion:163 Resp: 1639957

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

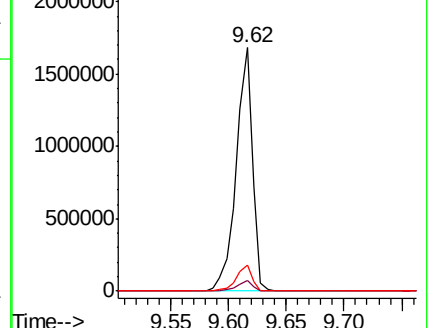
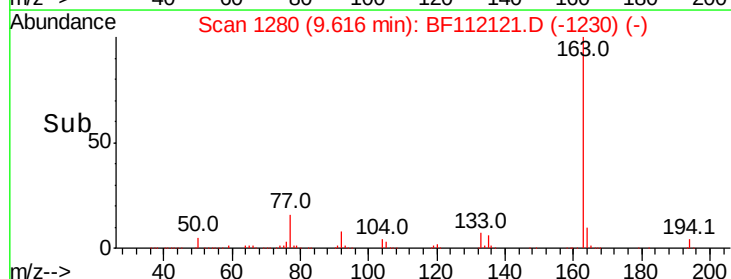
164 10.6 8.5 12.7

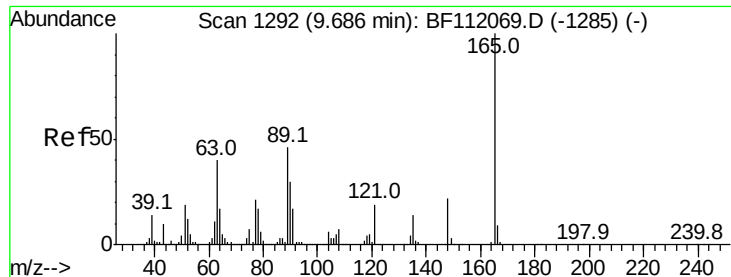


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





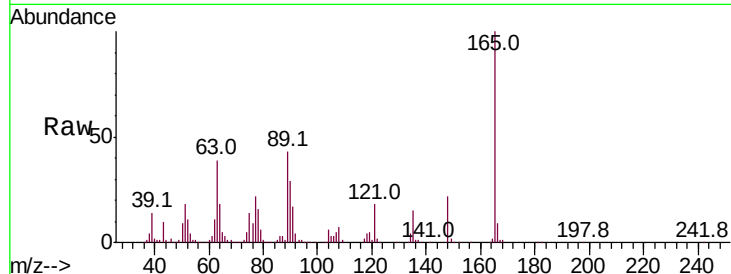
#51
2,6-Dinitrotoluene
Concen: 38.530 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

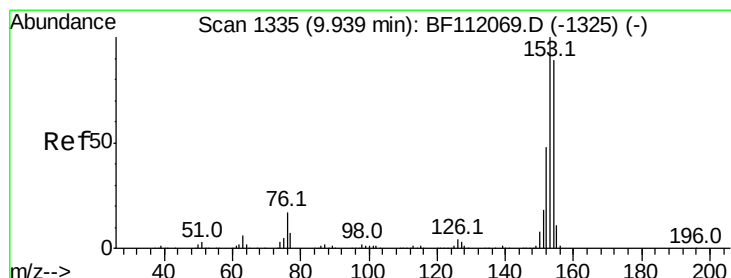
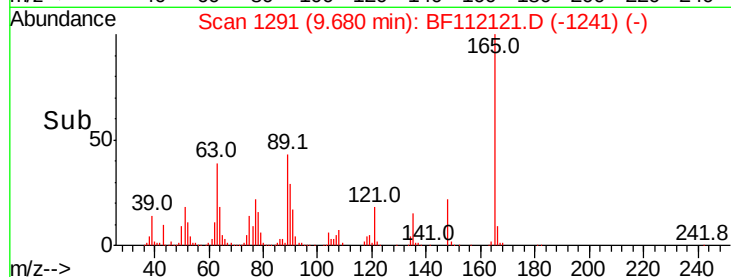
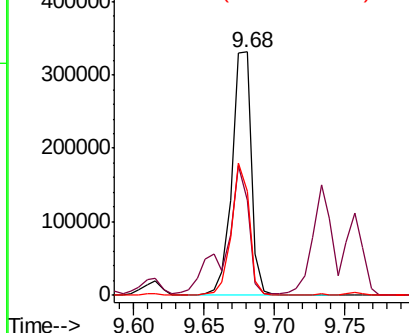
Tot Ion	Ratio	Resp	Lower	Upper
165	100	318059		
63	39.0		33.8	50.8
89	42.6		36.9	55.3

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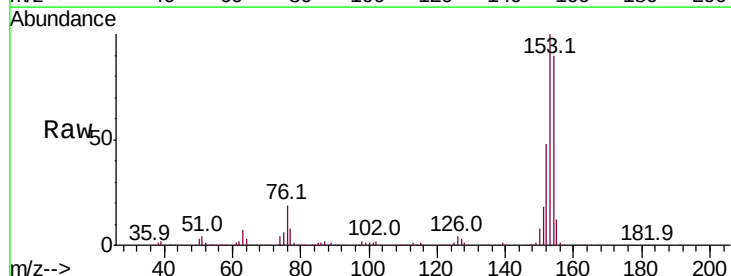


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

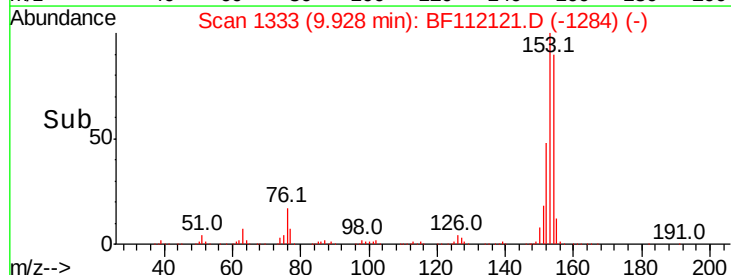
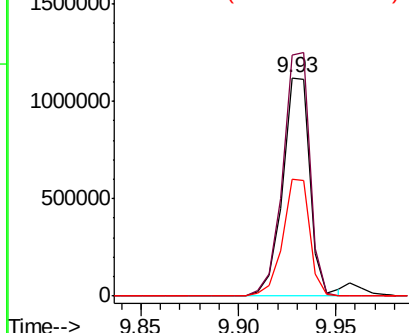


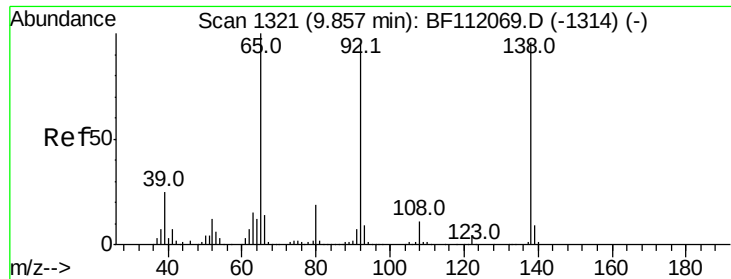
#52
Acenaphthene
Concen: 32.910 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1090093		
153	110.6		89.8	134.6
152	53.5		43.5	65.3



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





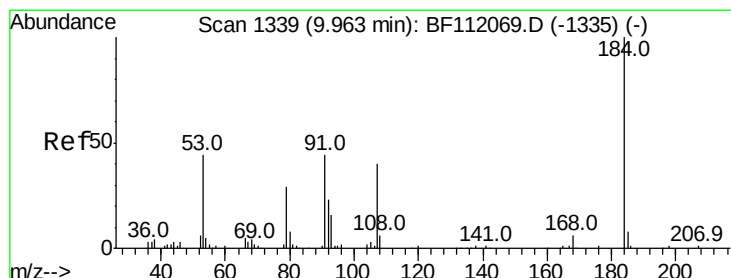
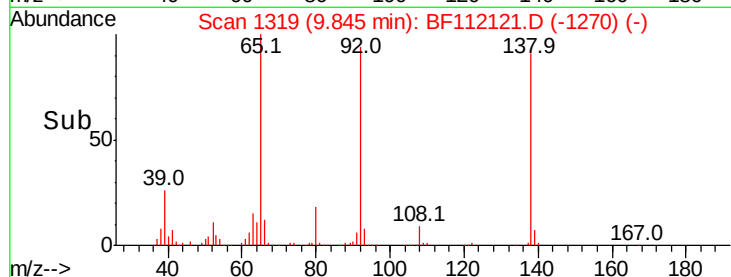
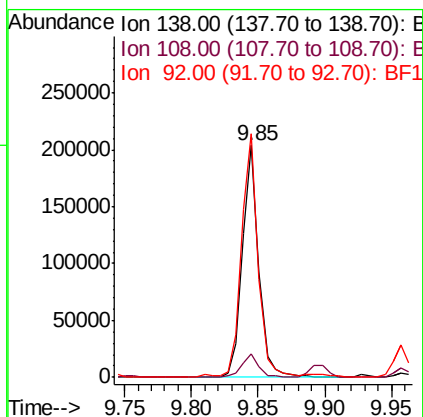
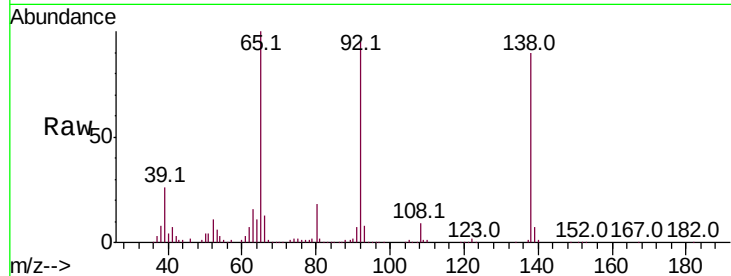
#53
3-Nitroaniline
Concen: 18.873 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.8	14.6
92	105.0	79.4	119.2

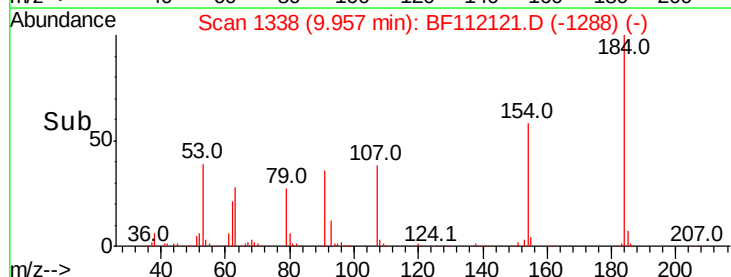
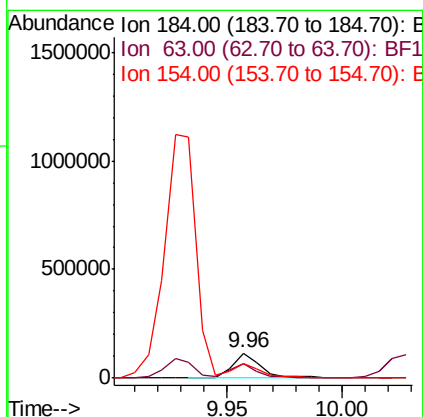
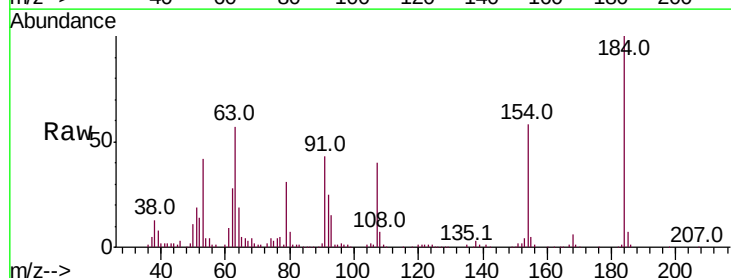
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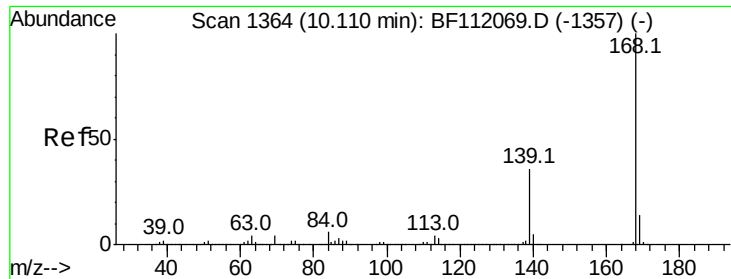
Sohil
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#54
2,4-Dinitrophenol
Concen: 49.758 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.1	47.1	70.7
154	57.9	48.9	73.3





#55

Dibenzofuran

Concen: 32.561 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MS

Tot Ion:168 Resp: 1631031

Ion Ratio Lower Upper

168 100

139 36.5 29.2 43.8

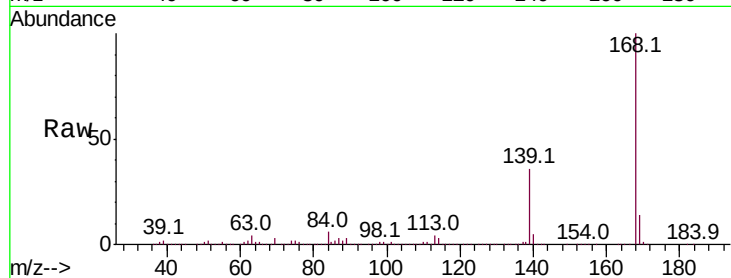
169 13.6 11.4 17.0

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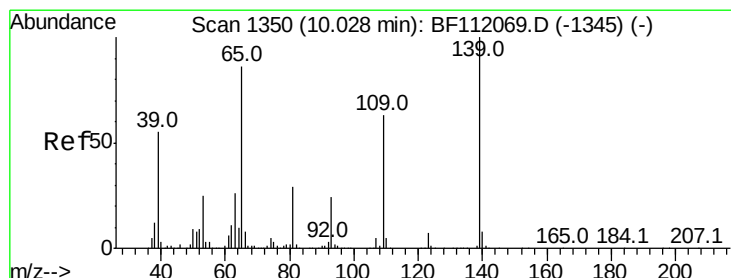
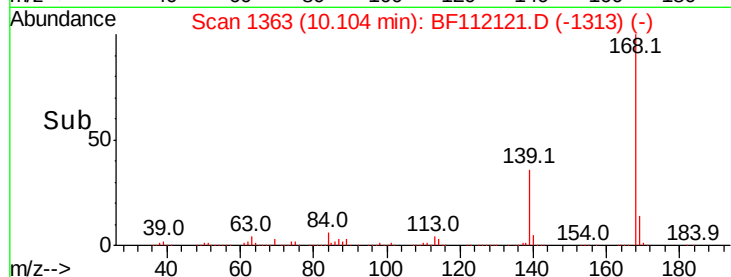
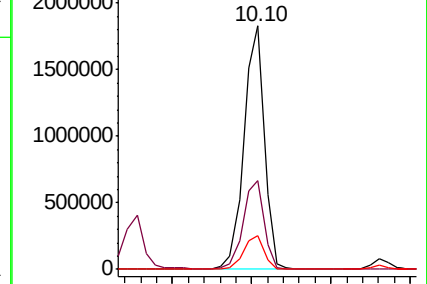
1/21/2019 12:00:39 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 56.312 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

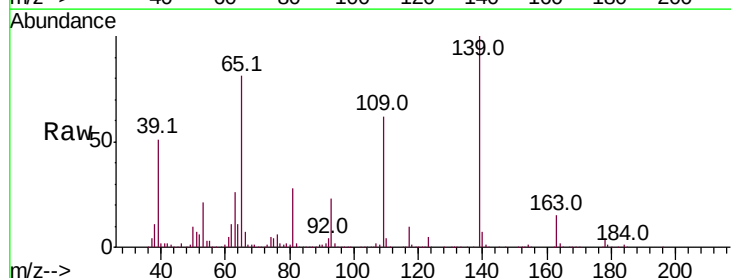
Tgt Ion:139 Resp: 359637

Ion Ratio Lower Upper

139 100

109 61.6 42.8 82.8

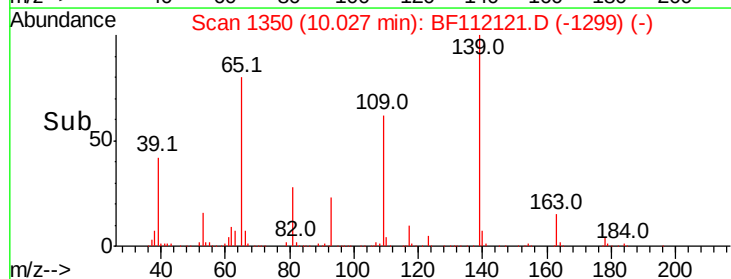
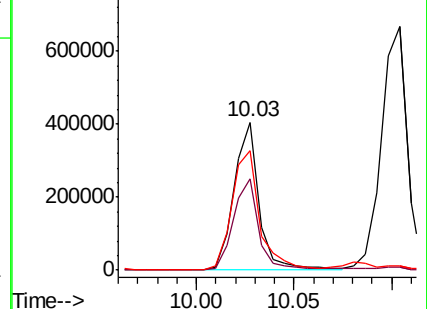
65 80.8 66.1 106.1

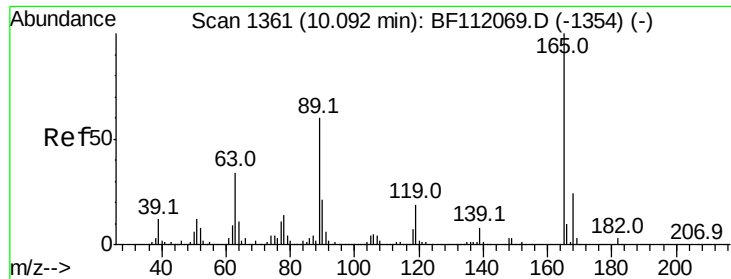


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





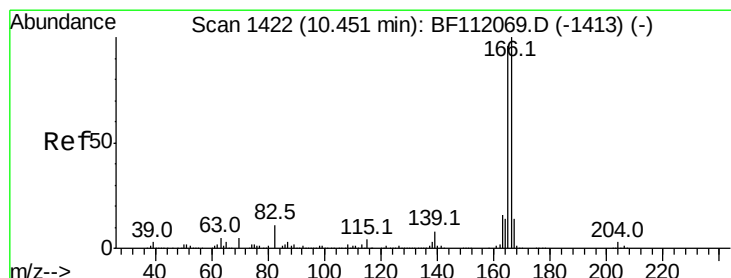
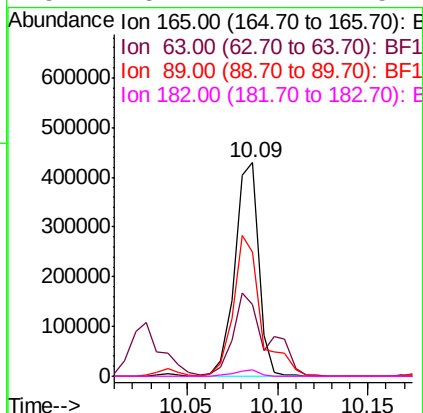
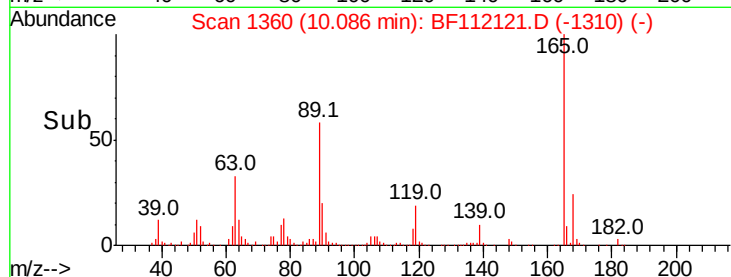
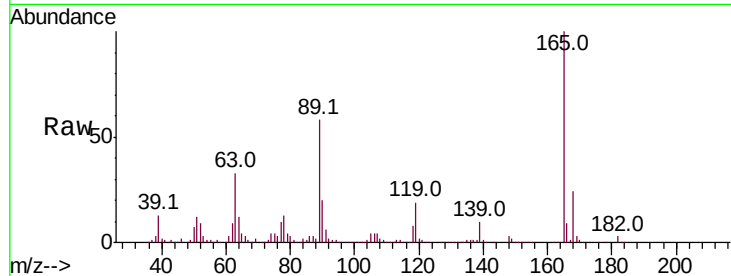
#57
2,4-Dinitrotoluene
Concen: 38.147 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	393211		
63	33.5	27.9	41.9	
89	58.1	47.9	71.9	
182	3.1	2.2	3.4	

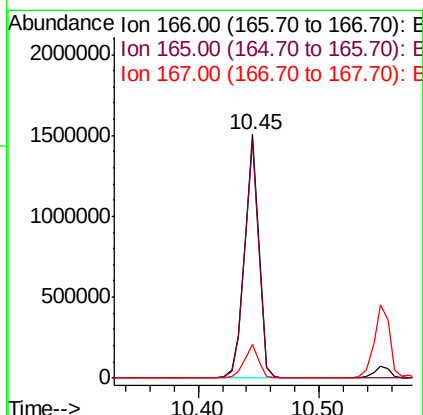
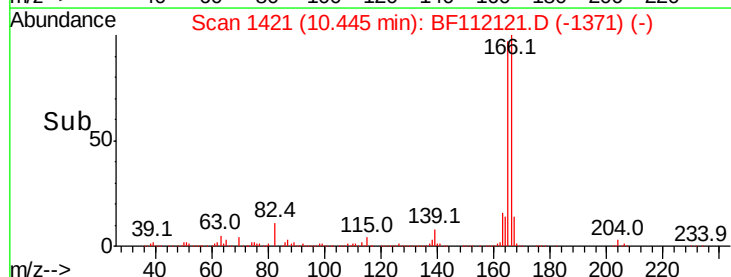
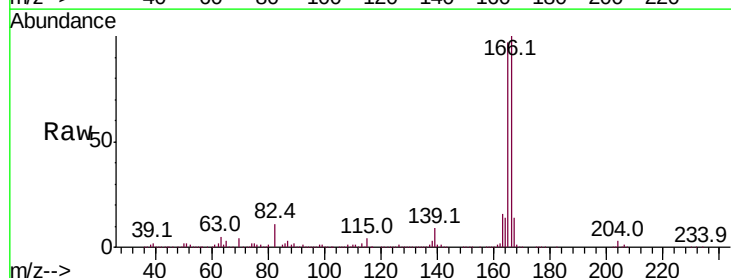
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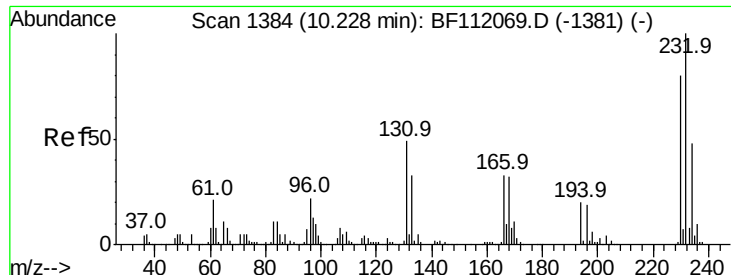
Sohil
1/21/2019 12:00:39 PM



#58
Fluorene
Concen: 33.346 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1247979		
165	97.4	77.1	115.7	
167	14.0	11.3	16.9	





#59

2,3,4,6-Tetrachlorophenol

Concen: 35.640 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MS

Tot Ion:232 Resp: 311869

Ion Ratio Lower Upper

232 100

131 44.0 33.9 50.9

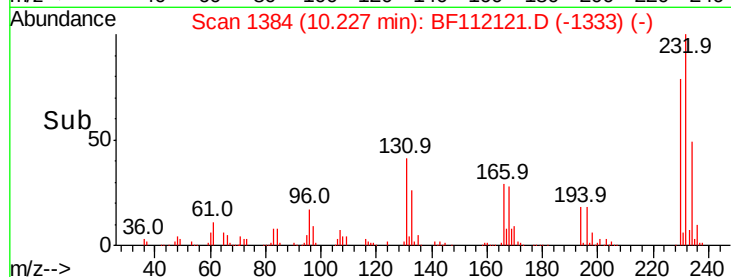
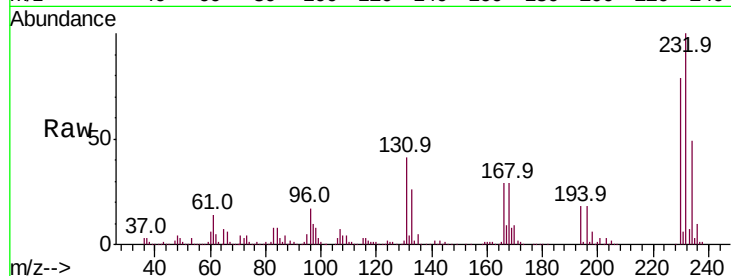
130 2.5 1.8 2.6

166 30.6 23.6 35.4

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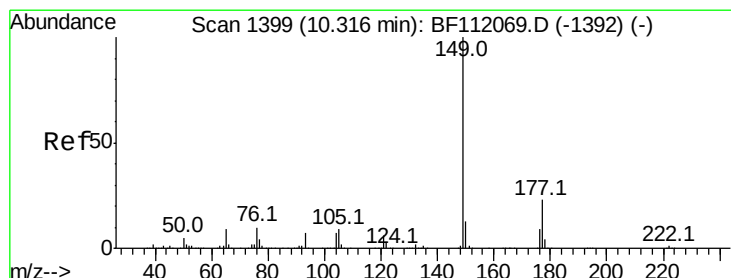
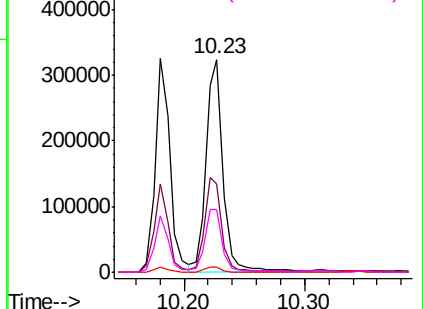


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 34.436 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

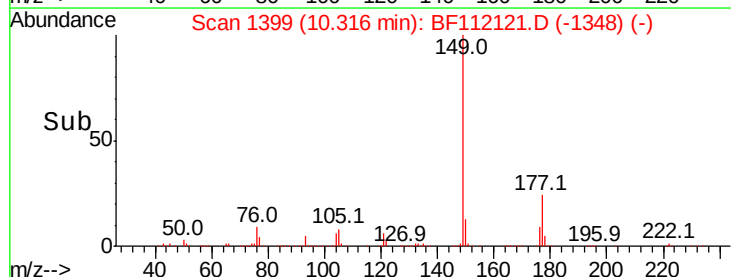
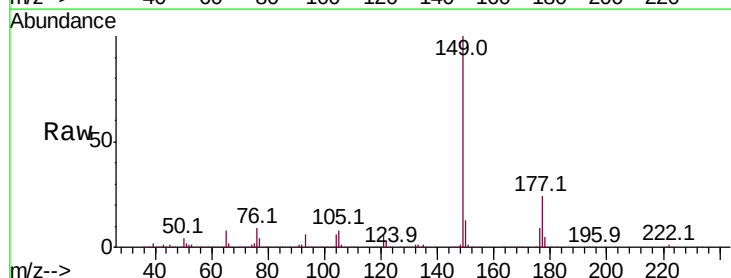
Tgt Ion:149 Resp: 1389456

Ion Ratio Lower Upper

149 100

177 23.6 18.2 27.2

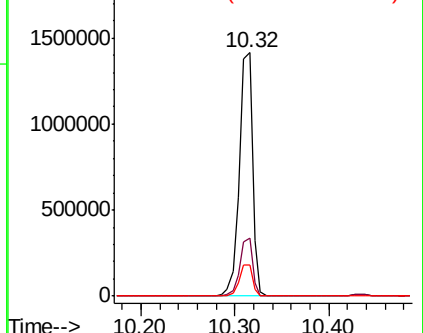
150 12.8 10.4 15.6

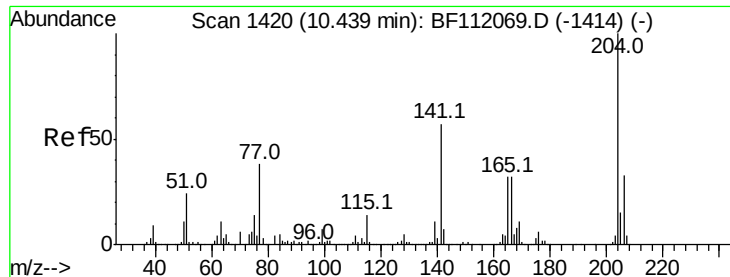


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





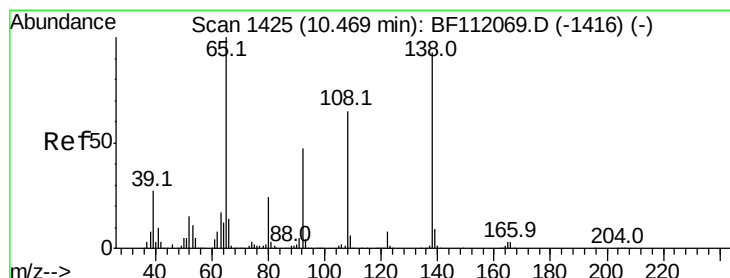
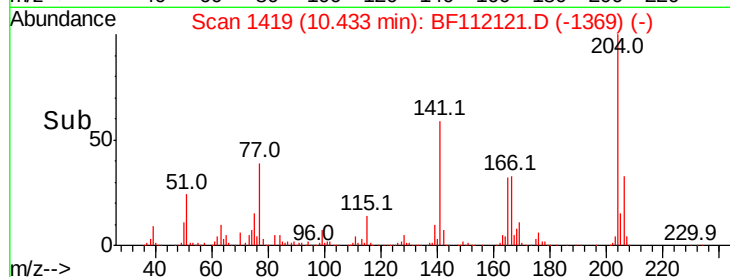
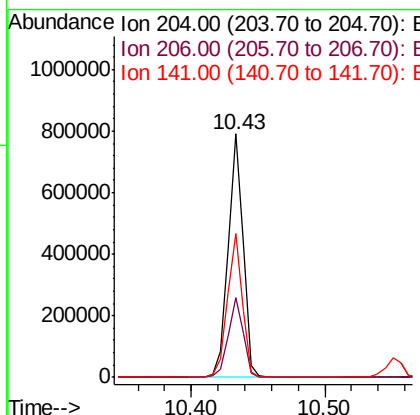
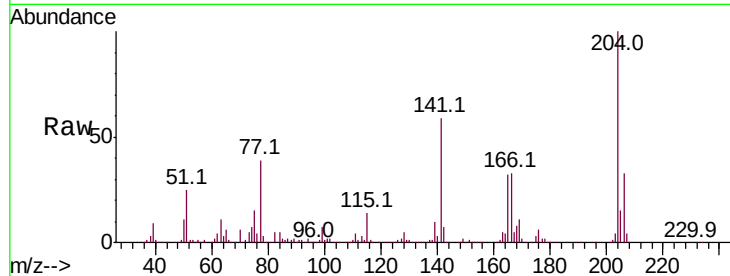
#61
4-Chlorophenyl-phenylether
Concen: 31.134 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampled :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	59.3	45.9	68.9

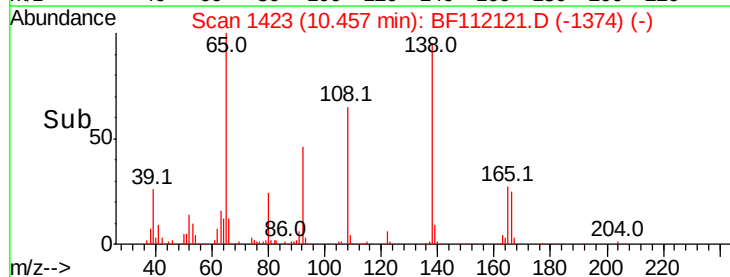
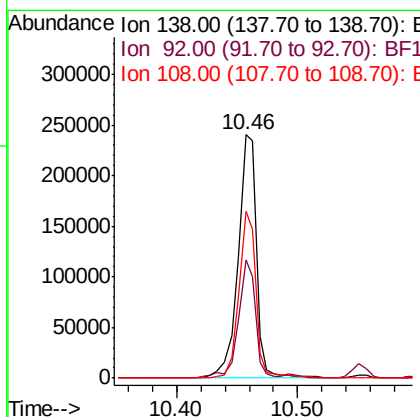
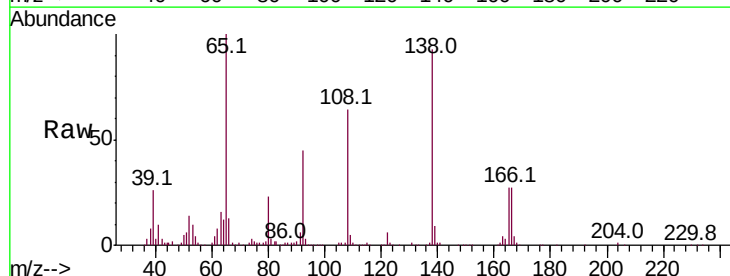
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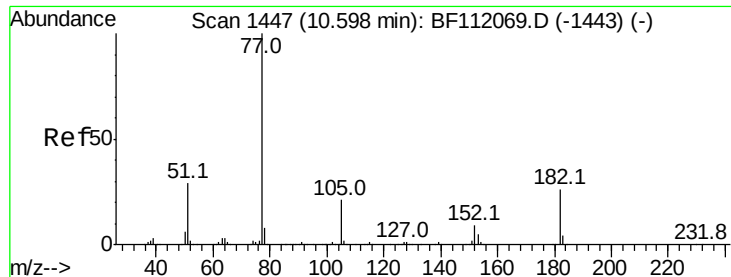
Sohil
1/21/2019 12:00:39 PM



#62
4-Nitroaniline
Concen: 28.097 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.6	70.6
108	68.7	50.0	90.0





#63

Azobenzene

Concen: 30.747 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MS

Tot Ion: 77 Resp: 1188035

Ion Ratio Lower Upper

77 100

182 26.5 5.7 45.7

105 21.5 1.4 41.4

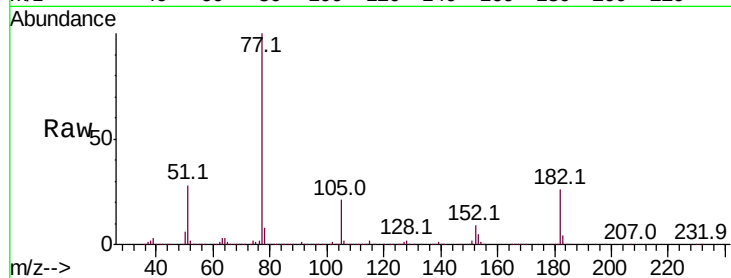
51 28.4 9.5 49.5

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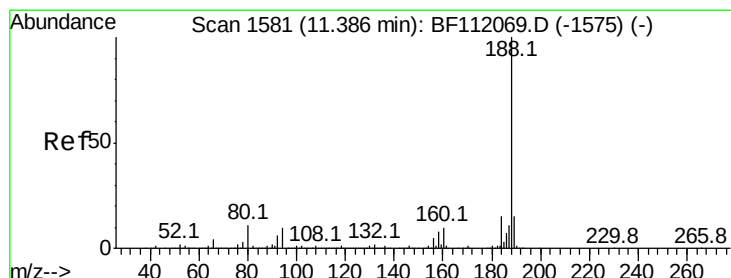
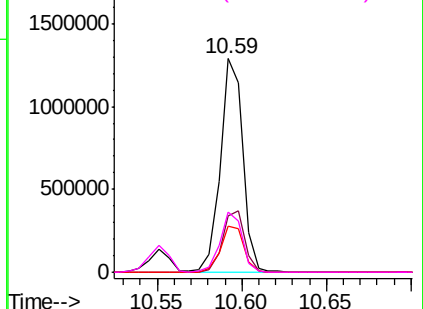
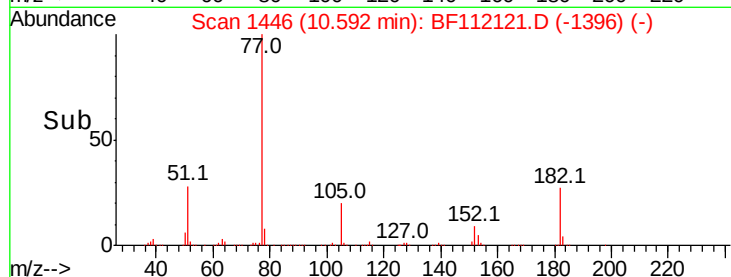


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

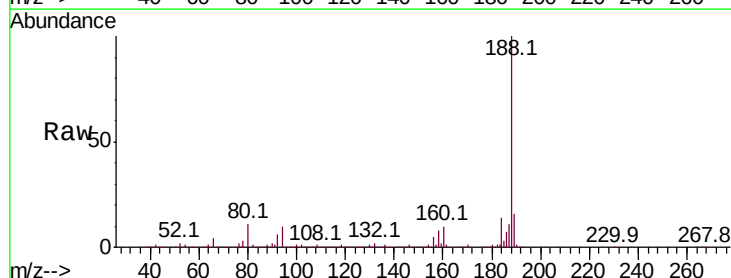
Tgt Ion: 188 Resp: 937729

Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

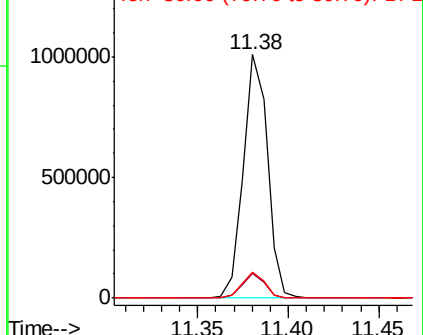
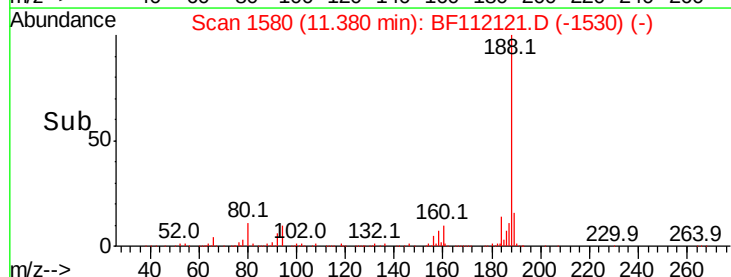
80 10.7 8.9 13.3

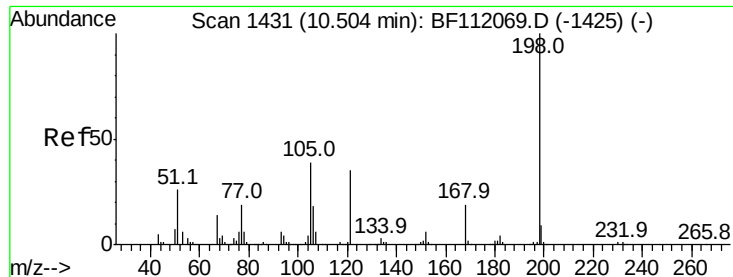


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





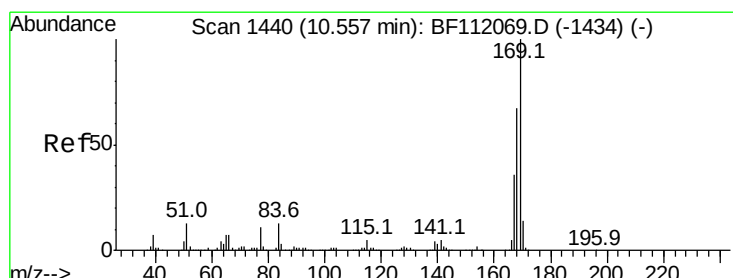
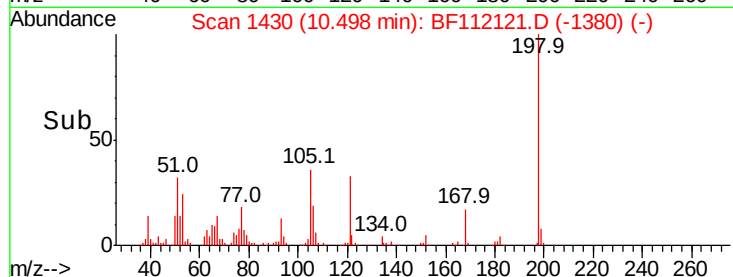
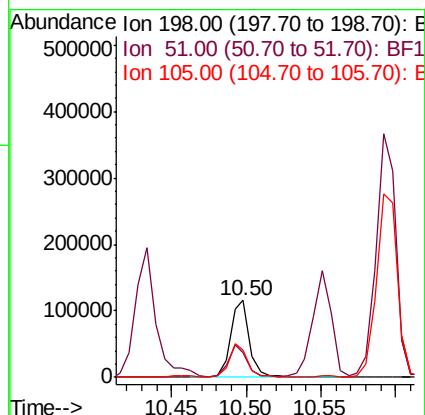
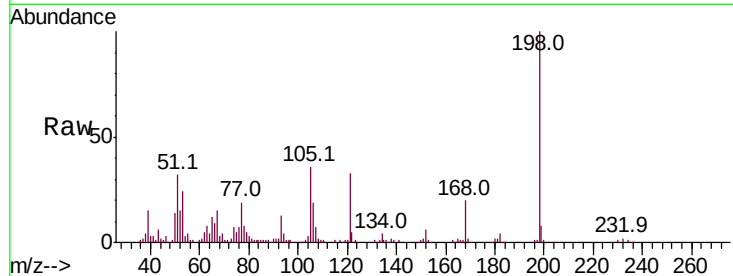
#65
4,6-Dinitro-2-methylphenol
Concen: 31.276 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampled :
WC-07-011519MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	104959		
51	31.9	17.2	57.2	
105	36.1	21.9	61.9	

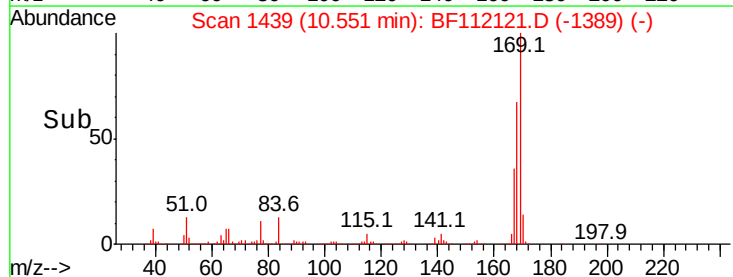
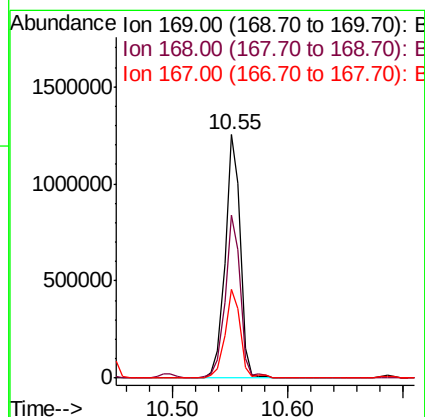
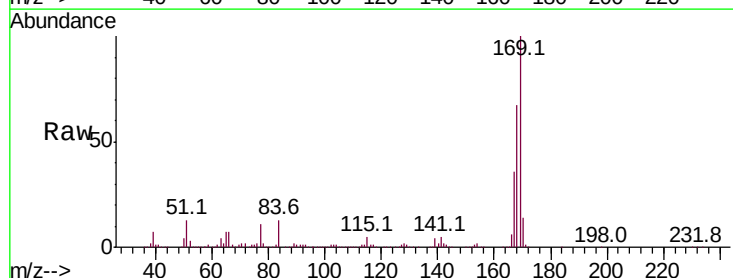
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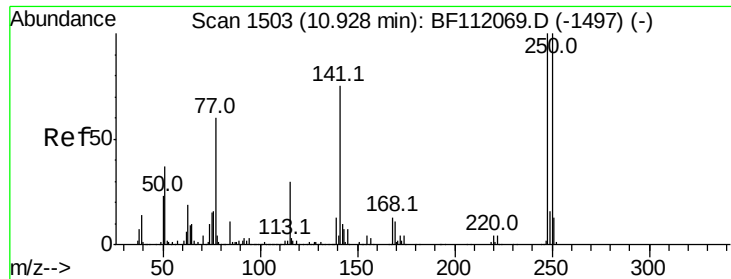
Sohil
1/21/2019 12:00:39 PM



#66
n-Nitrosodiphenylamine
Concen: 36.681 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1137133		
168	67.0	53.9	80.9	
167	36.3	28.9	43.3	





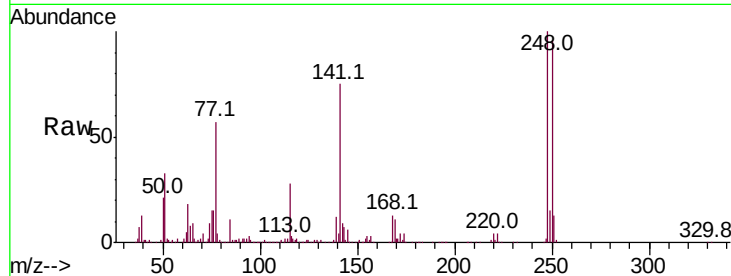
#67
4-Bromophenyl-phenylether
Concen: 34.650 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	79.7	119.5
141	74.9	60.3	90.5

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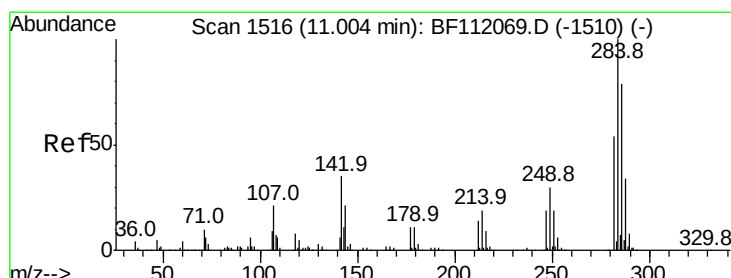
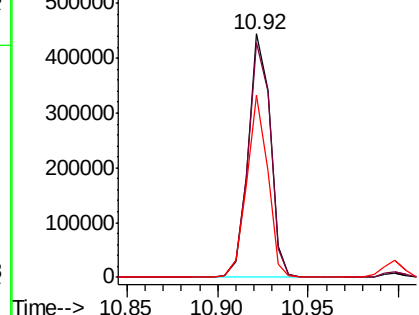
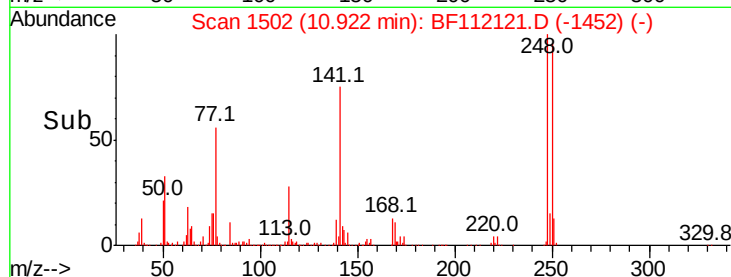


Abundance

Ion 248.00 (247.70 to 248.70): E

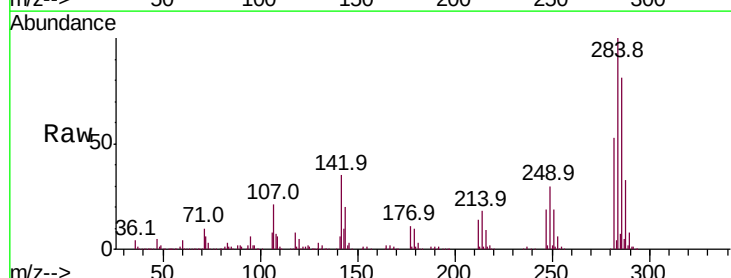
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 32.948 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	27.6	41.4
249	30.5	24.1	36.1

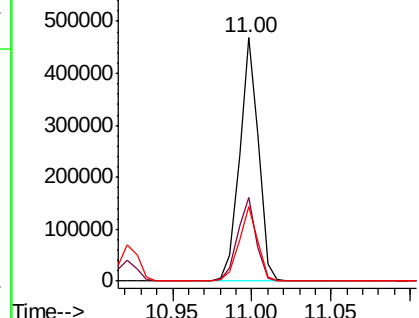
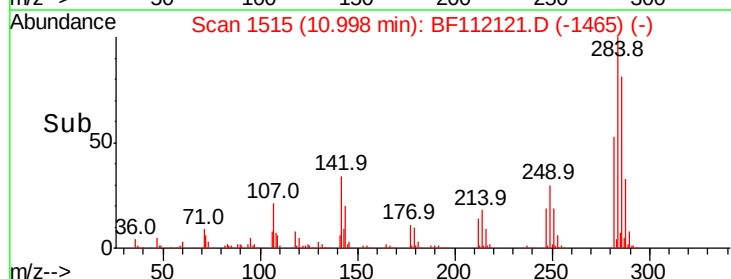


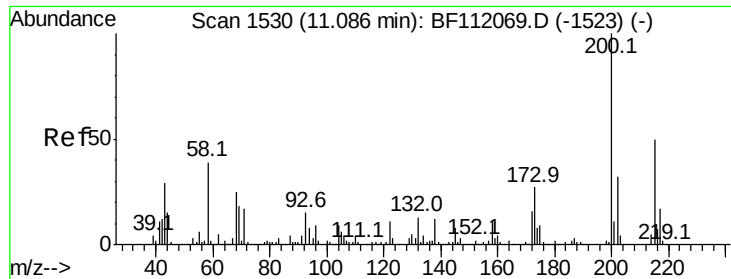
Abundance

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





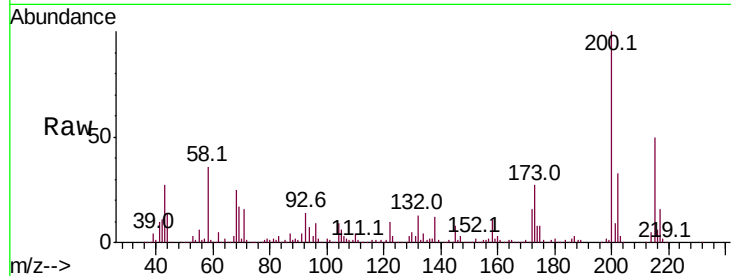
#69
Atrazine
Concen: 35.003 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.7	7.1	47.1	
215	49.8	30.4	70.4	

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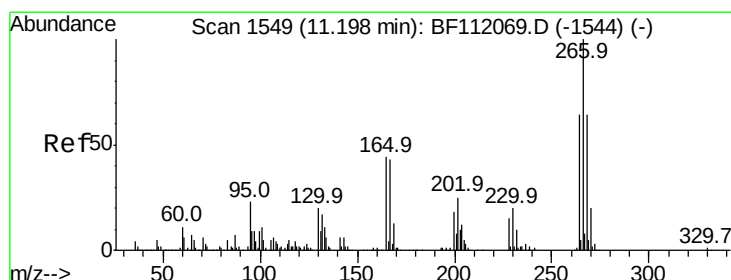
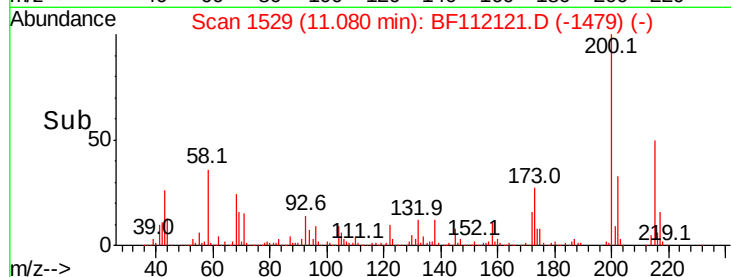
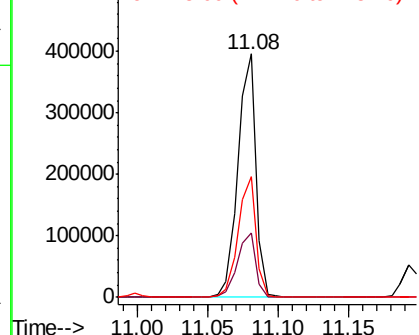


Abundance

Ion 200.00 (199.70 to 200.70): E

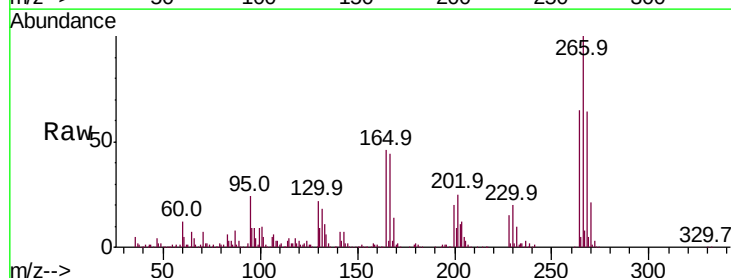
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 53.377 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.0	51.2	76.8	
264	64.9	50.9	76.3	

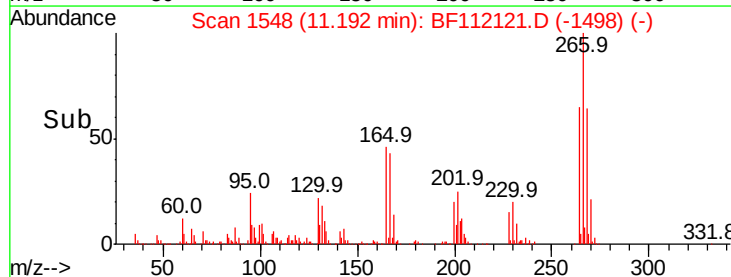
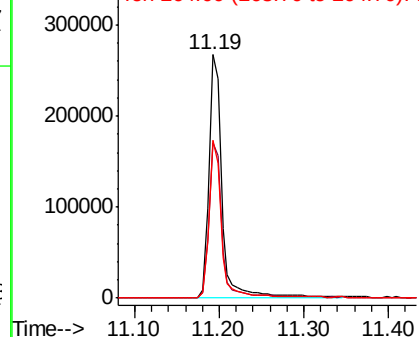


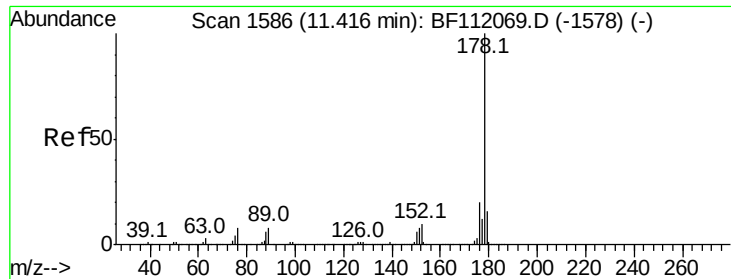
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.820 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MS

Tot Ion:178 Resp: 1690414

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

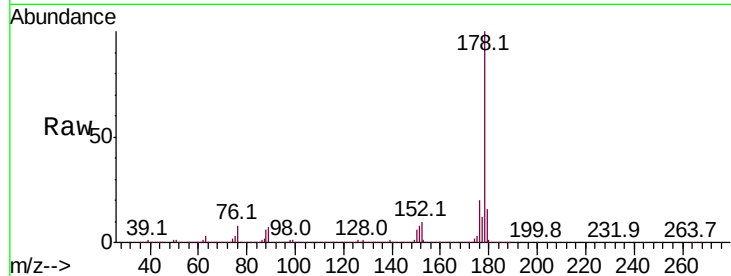
179 15.8 13.0 19.4

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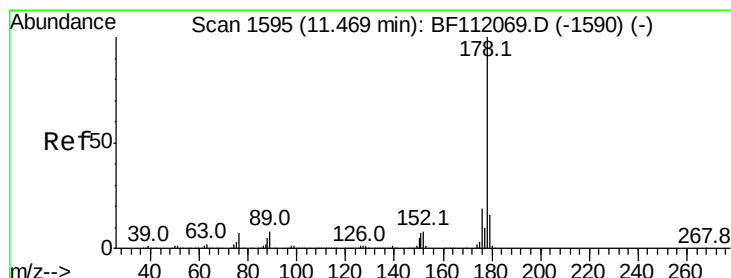
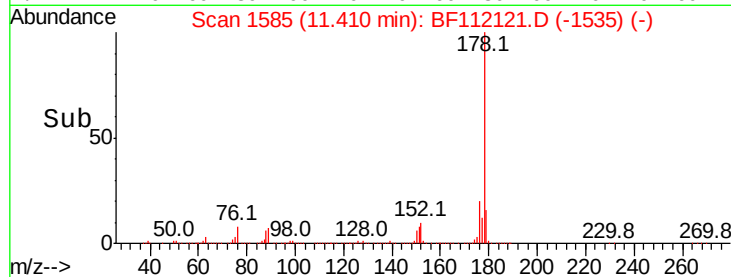
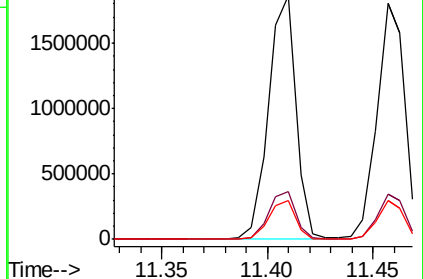
1/21/2019 12:00:39 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.081 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion:178 Resp: 1677076

Ion Ratio Lower Upper

178 100

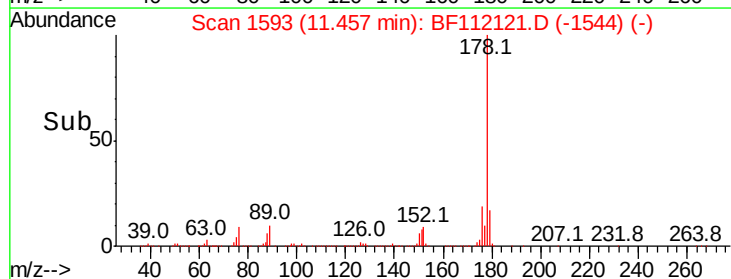
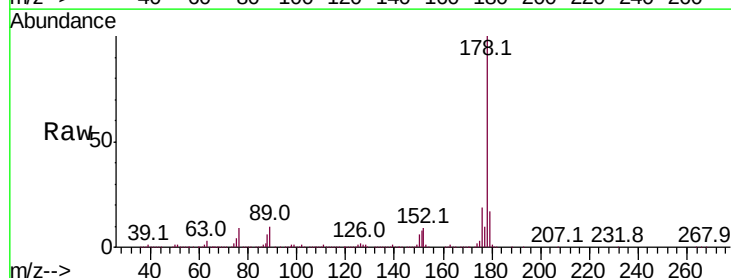
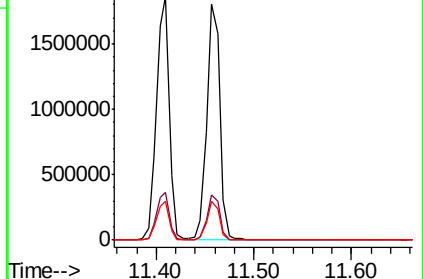
176 19.0 15.5 23.3

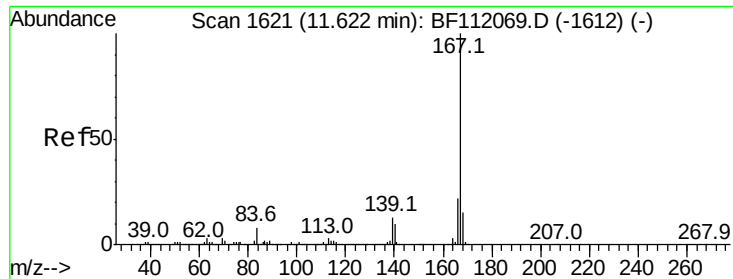
179 16.7 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





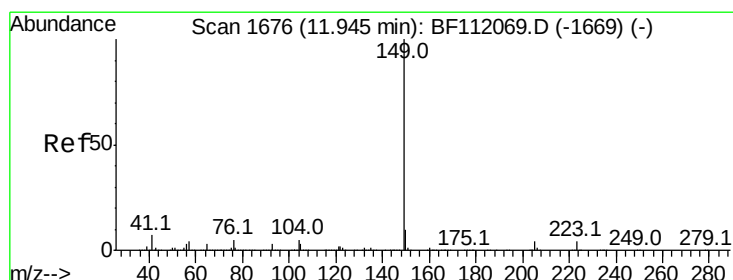
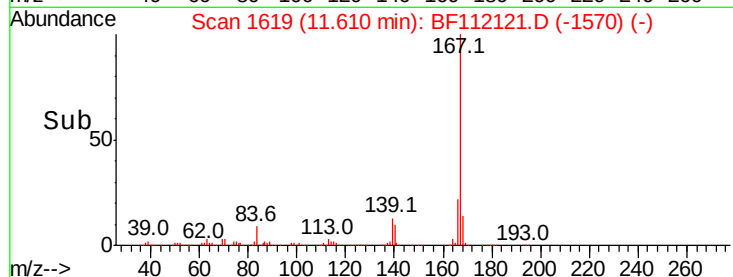
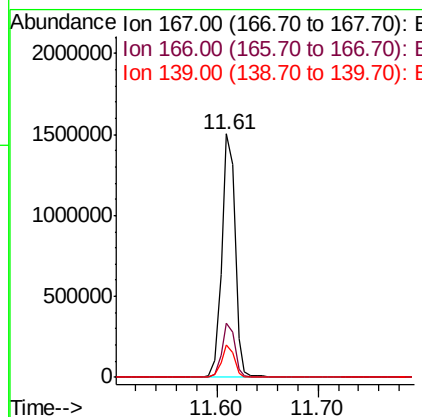
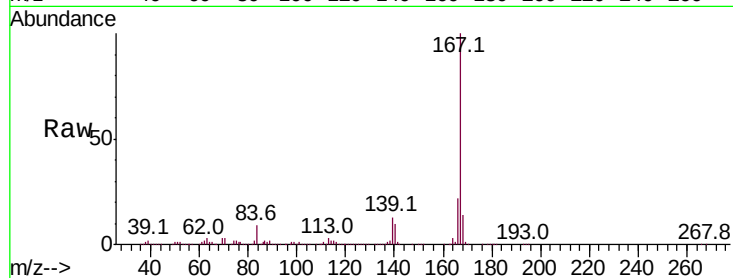
#73
 Carbazole
 Concen: 28.670 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF112121.D
 Acq: 18 Jan 2019 12:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.4	10.2	15.2

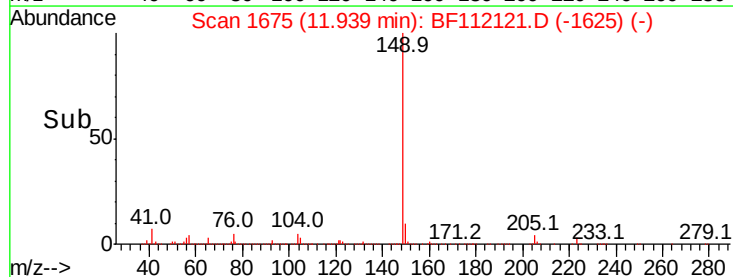
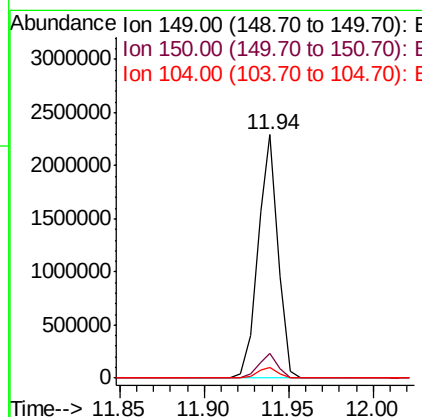
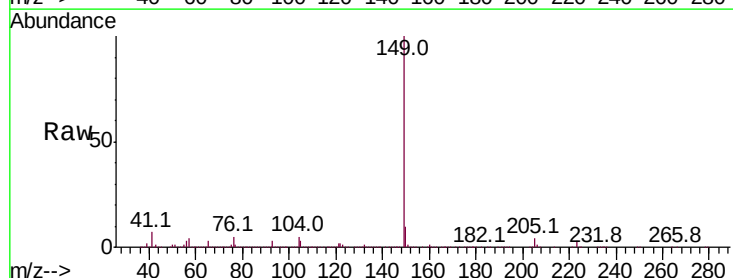
Manual Integrations
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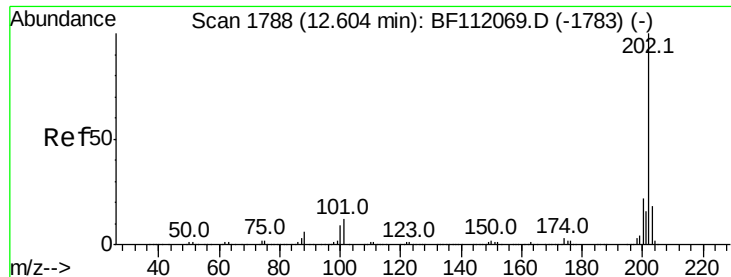
Sohil
 1/21/2019 12:00:39 PM



#74
 Di-n-butylphthalate
 Concen: 35.087 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BF112121.D
 Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	4.6	3.9	5.9





#75

Fluoranthene

Concen: 30.321 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

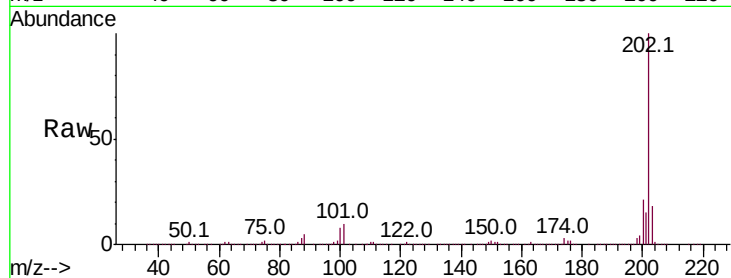
ClientSampleId :

WC-07-011519MS

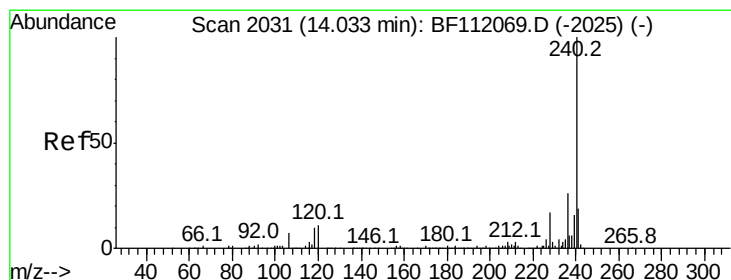
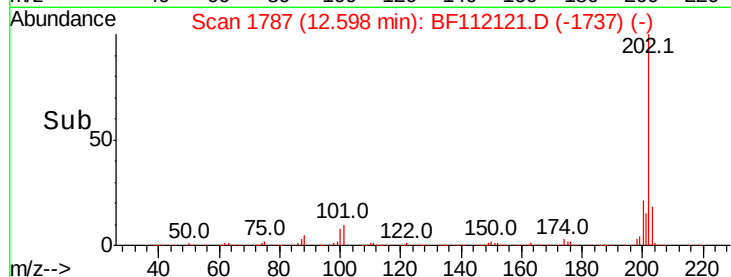
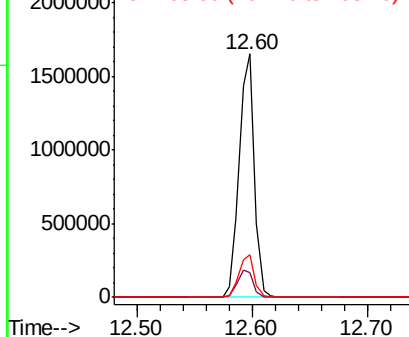
Tot Ion:	202	Resp:	1510809
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	31.8
203	17.7	0.0	38.4

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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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

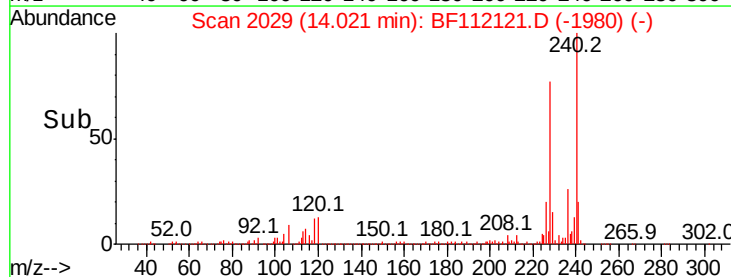
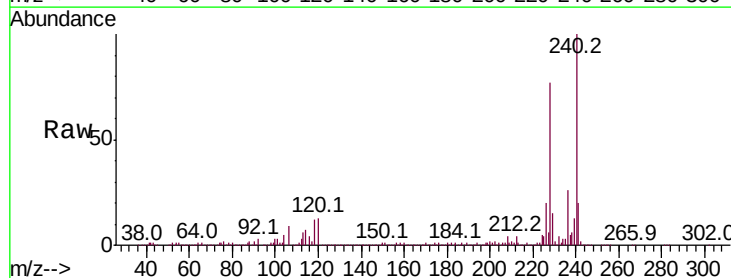
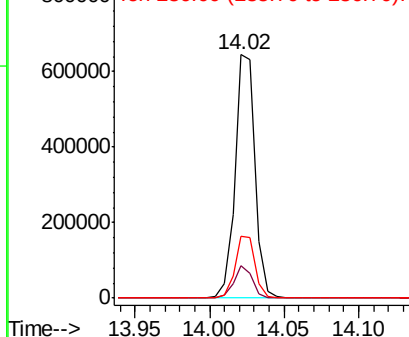
Delta R.T. -0.01 min

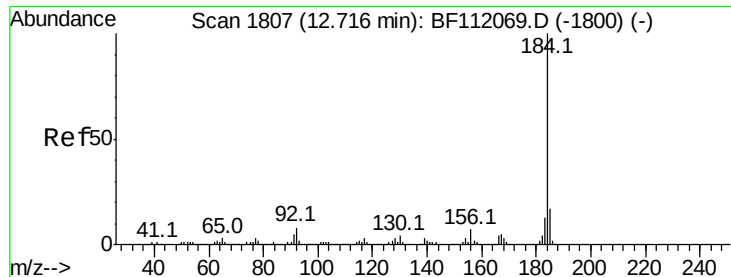
Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion:	240	Resp:	605736
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.0	13.6
236	25.6	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.352 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

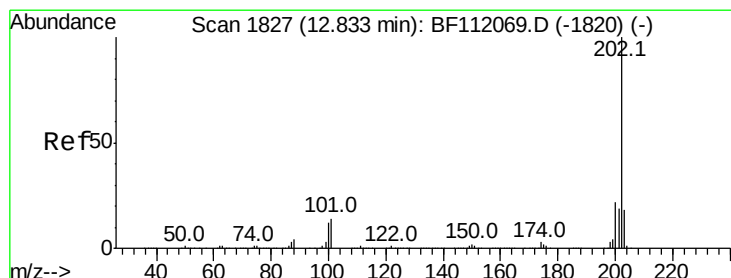
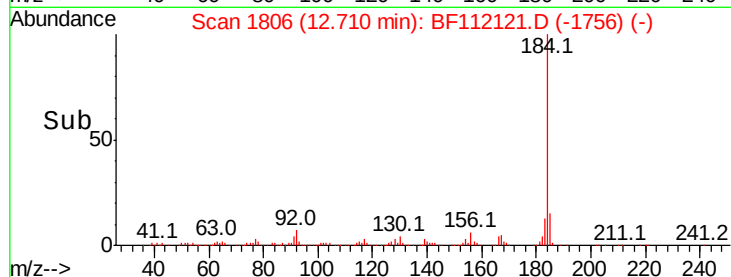
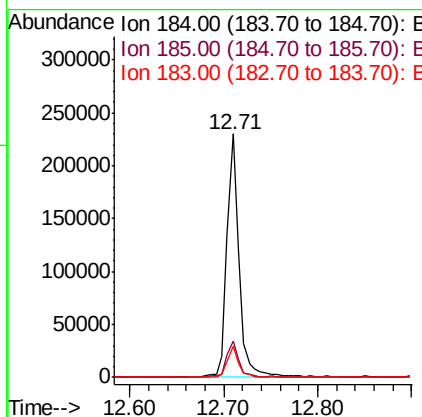
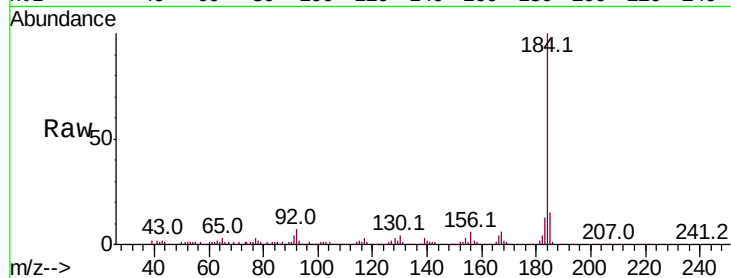
ClientSampleId :

WC-07-011519MS

Tot Ion:	184	Resp:	209213
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.9	20.9
183	12.6	10.0	15.0

Manual Integrations
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#78

Pyrene

Concen: 36.725 ng

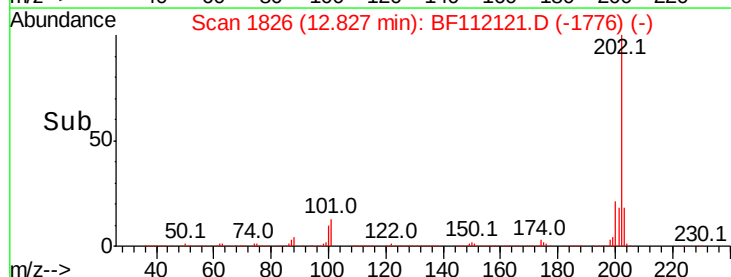
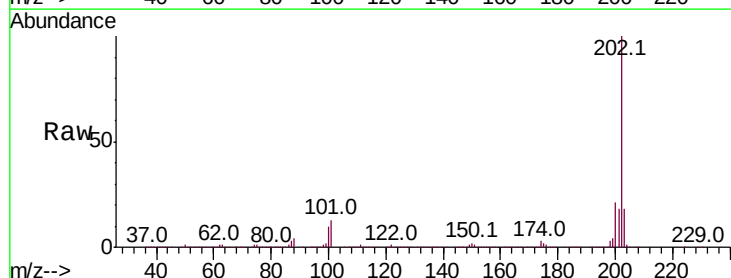
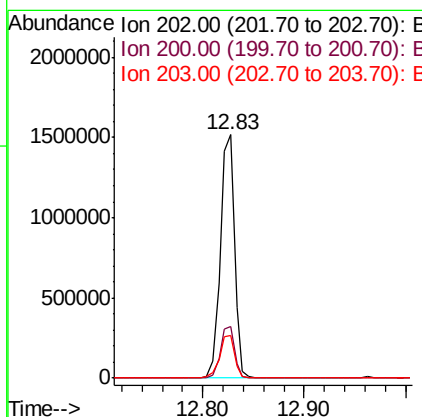
RT: 12.83 min Scan# 1826

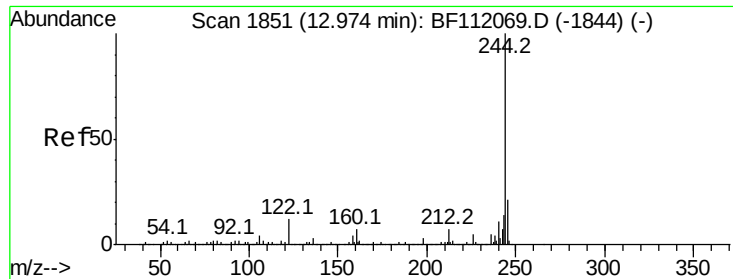
Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion:	202	Resp:	1467680
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	17.7	14.6	22.0





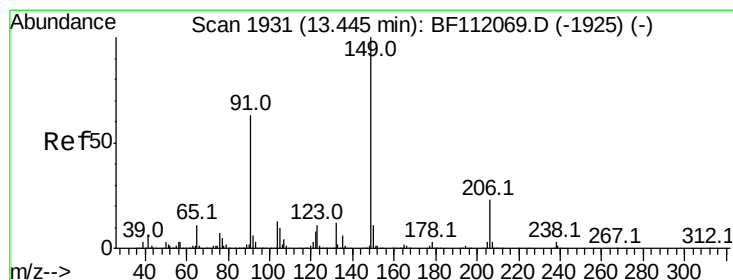
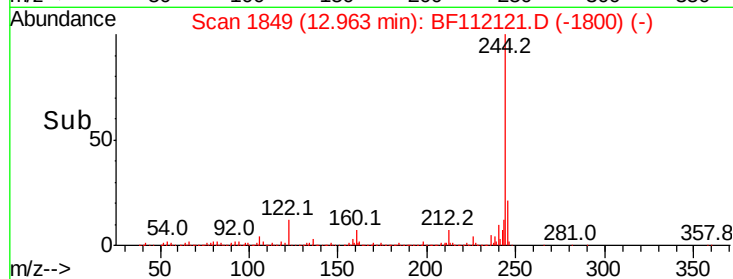
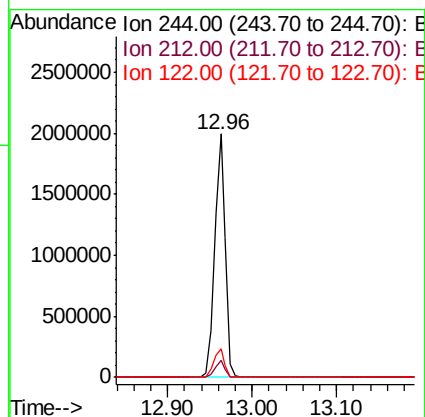
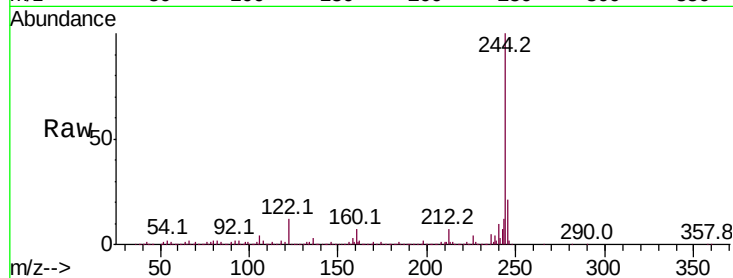
#79
 Terphenyl-d14
 Concen: 62.656 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112121.D
 Acq: 18 Jan 2019 12:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MS

Tot Ion:244 Resp: 1784020
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.6 9.8 14.6

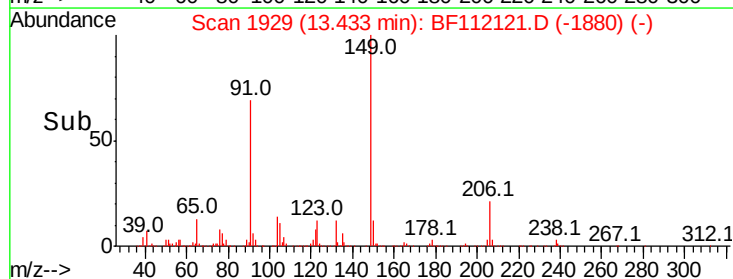
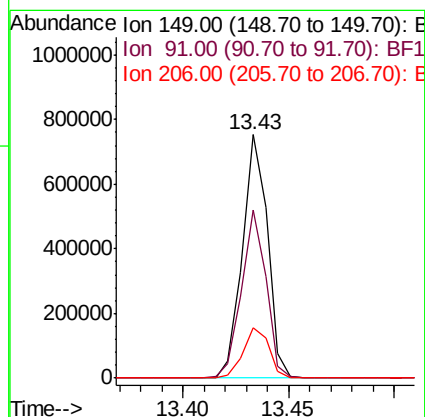
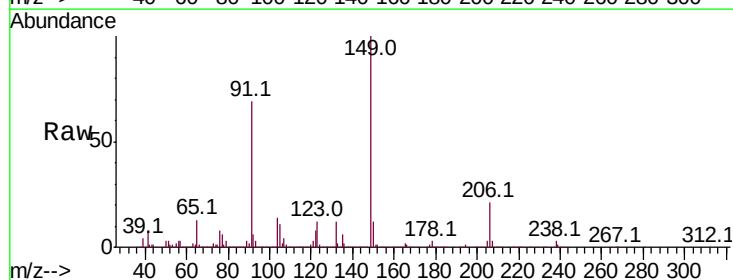
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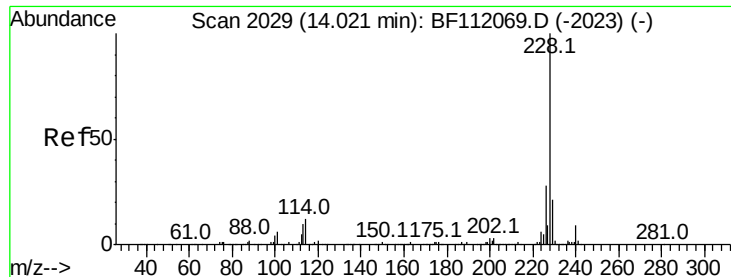
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#80
 Butylbenzylphthalate
 Concen: 35.217 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF112121.D
 Acq: 18 Jan 2019 12:25

Tgt Ion:149 Resp: 617427
 Ion Ratio Lower Upper
 149 100
 91 69.0 50.3 75.5
 206 20.8 18.2 27.4





#81

Benzo(a)anthracene

Concen: 35.526 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

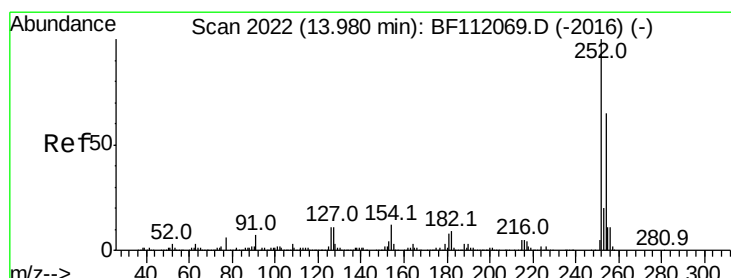
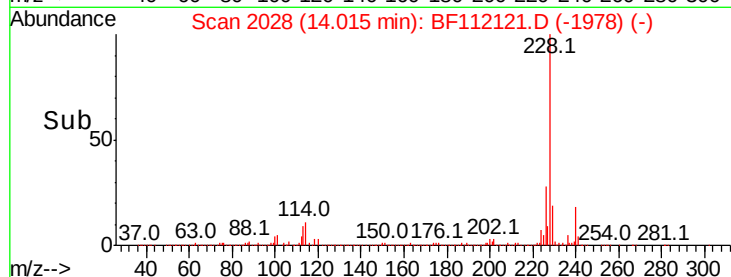
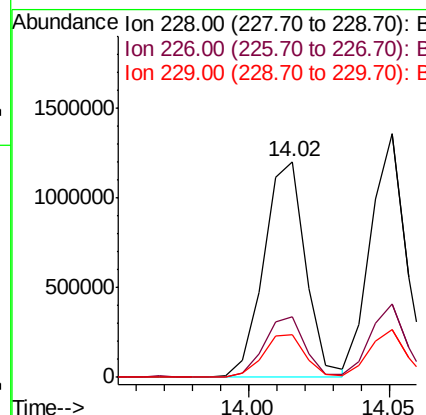
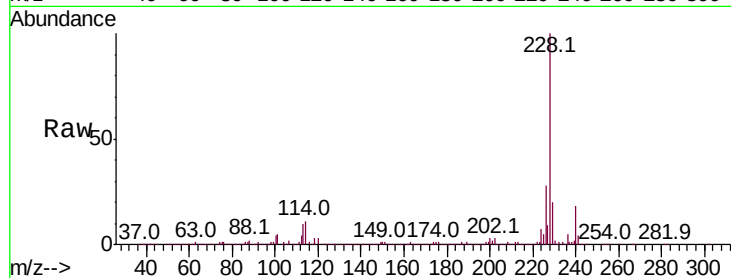
ClientSampleId :

WC-07-011519MS

Tot Ion:	228	Resp:	1233848
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.6	34.0
229	19.5	16.5	24.7

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 24.343 ng

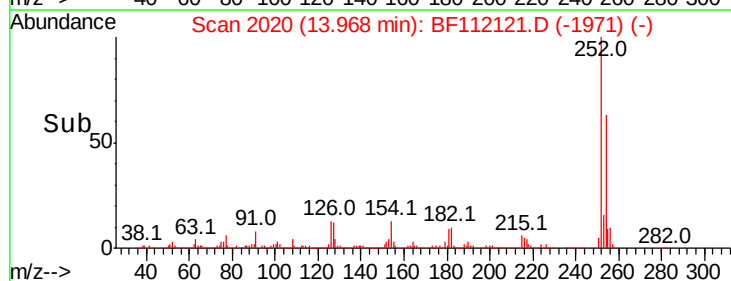
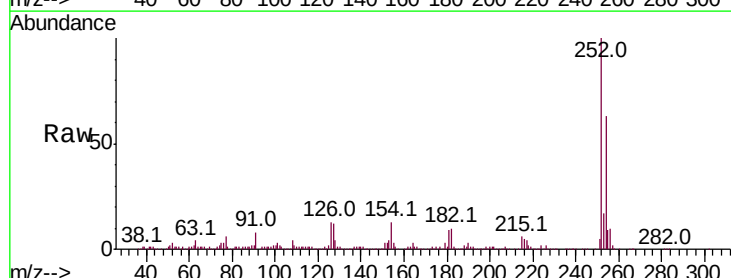
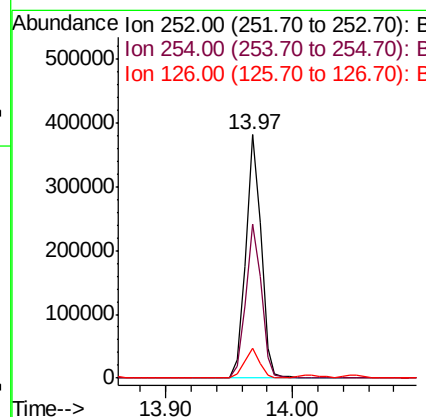
RT: 13.97 min Scan# 2020

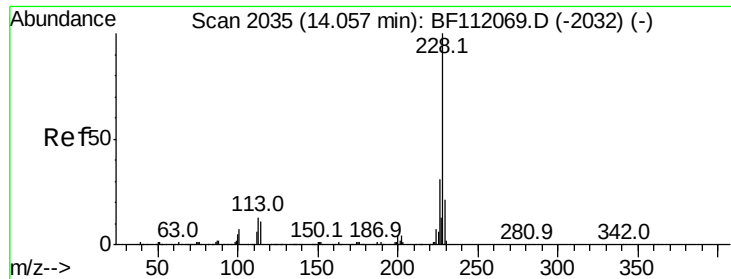
Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion:	252	Resp:	316620
Ion Ratio	Lower	Upper	
252	100		
254	63.5	51.6	77.4
126	12.5	8.6	12.8





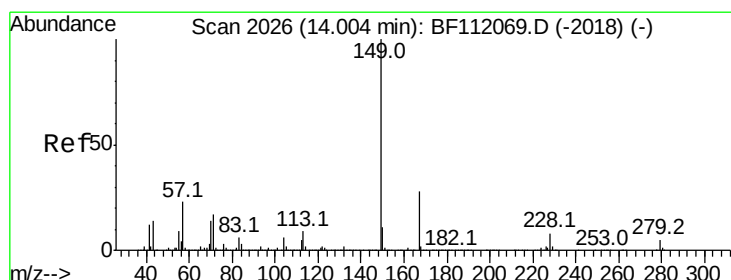
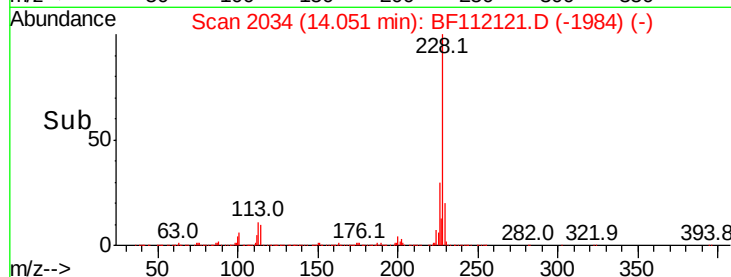
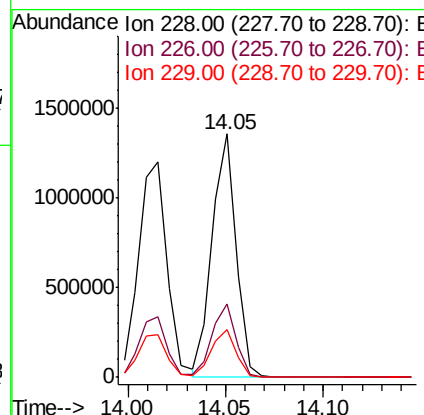
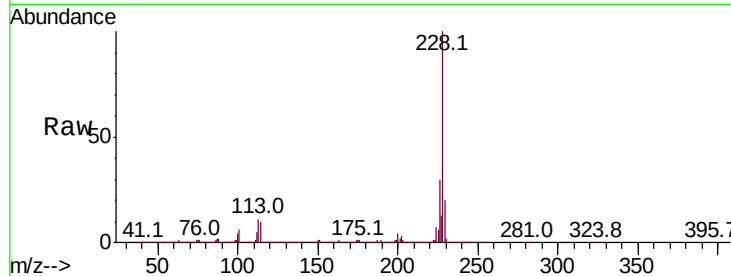
#83
 Chrysene
 Concen: 35.211 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF112121.D
 Acq: 18 Jan 2019 12:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.7	16.6	24.8

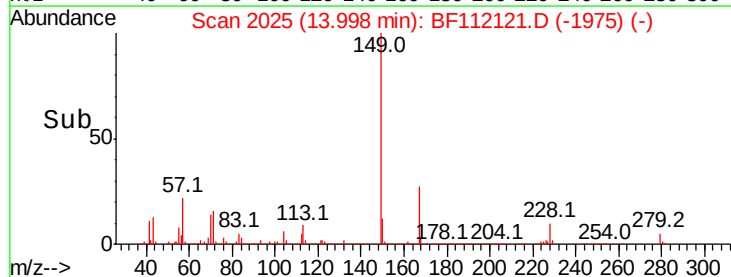
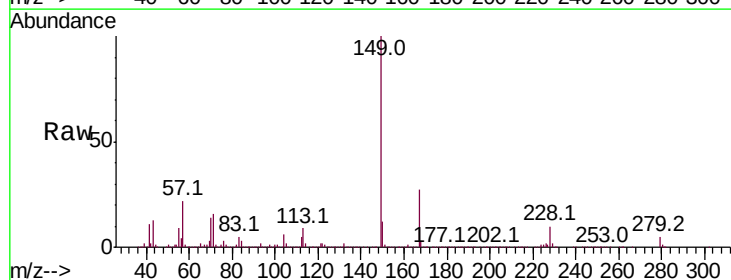
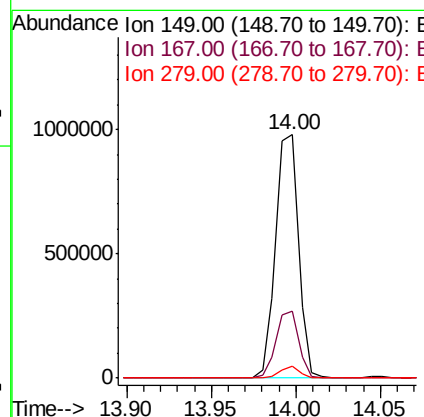
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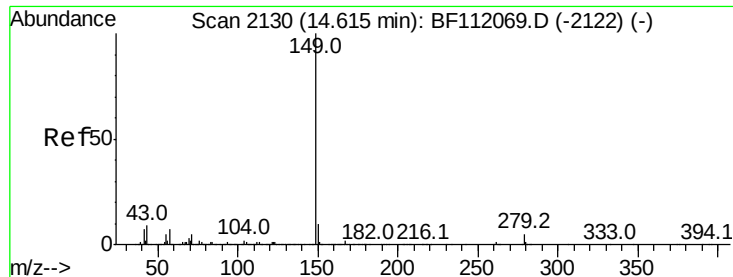
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.625 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF112121.D
 Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.5	33.7
279	4.6	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 36.712 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

ClientSampleId :

WC-07-011519MS

Tot Ion:149 Resp: 1421293

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

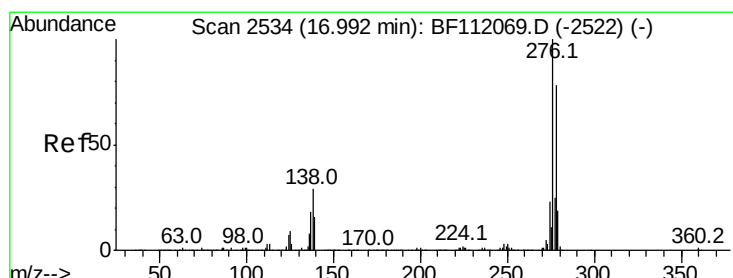
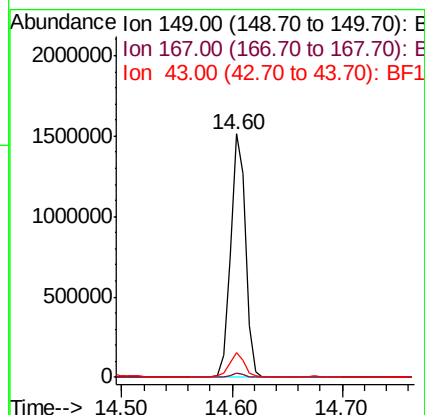
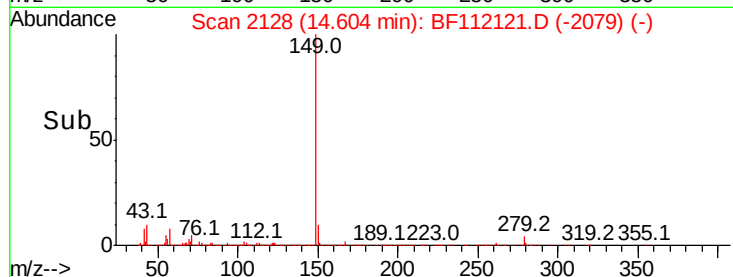
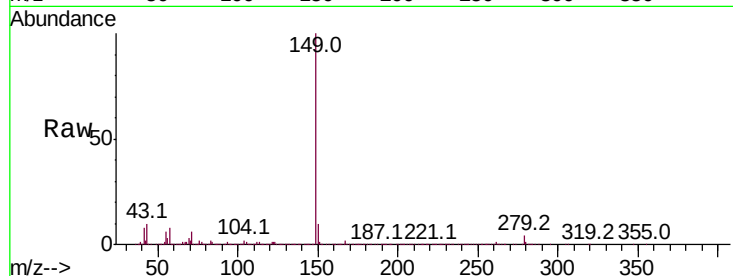
43 9.2 7.8 11.6

Manual Integrations

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#86

Indeno(1,2,3-cd)pyrene

Concen: 39.546 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

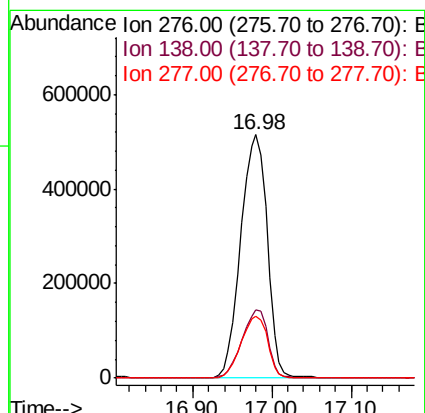
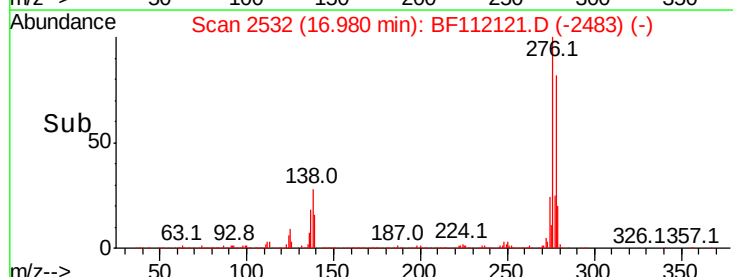
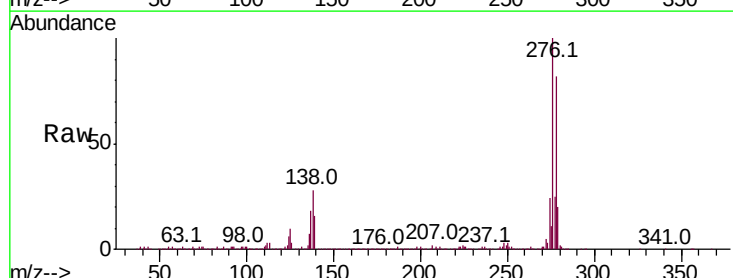
Tgt Ion:276 Resp: 1199004

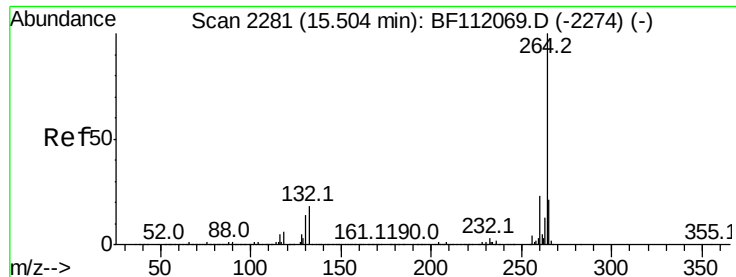
Ion Ratio Lower Upper

276 100

138 27.5 22.6 34.0

277 25.6 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Instrument :

BNA_F

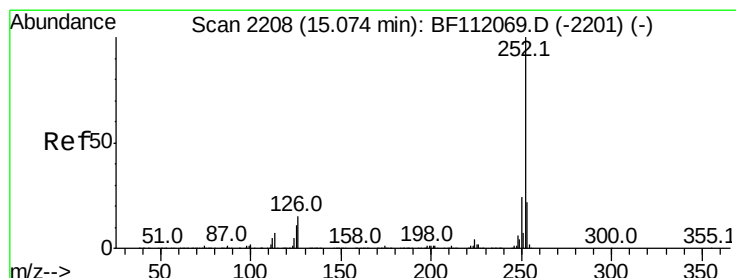
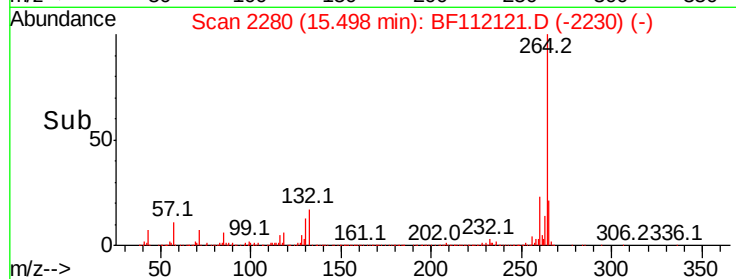
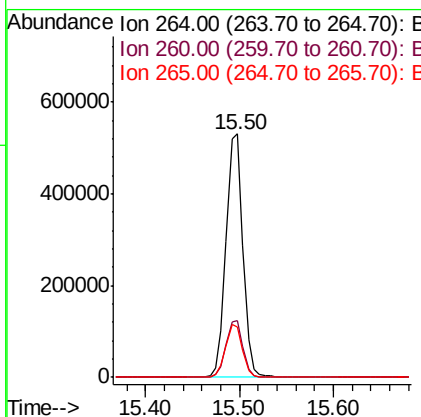
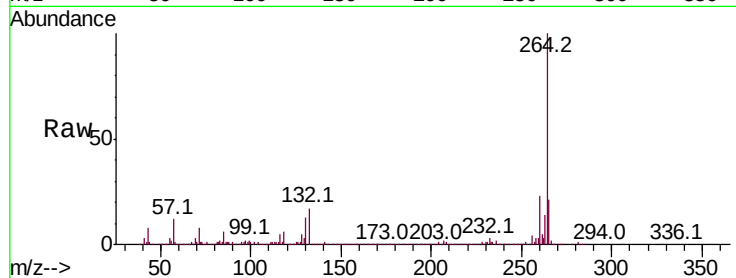
ClientSampleId :

WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.2
265	20.9	17.0	25.4

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 34.882 ng

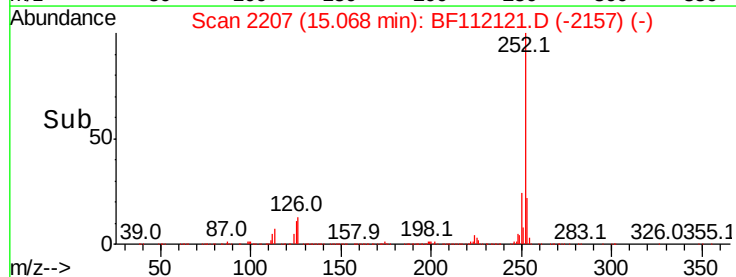
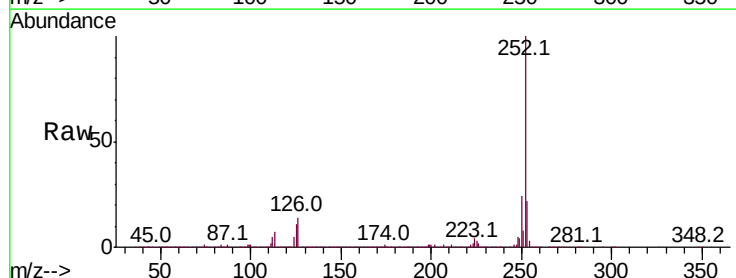
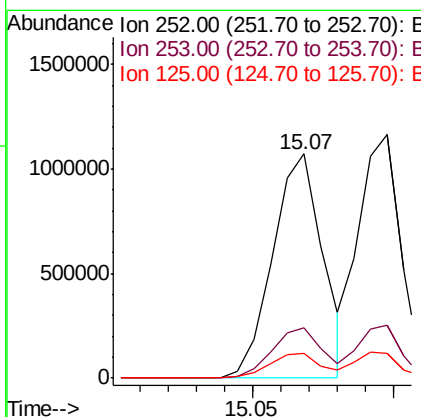
RT: 15.07 min Scan# 2207

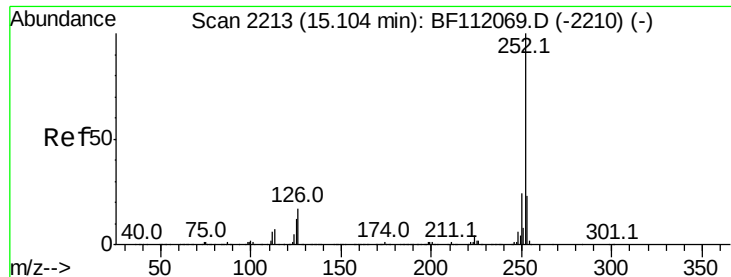
Delta R.T. -0.01 min

Lab File: BF112121.D

Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.8	8.7	13.1





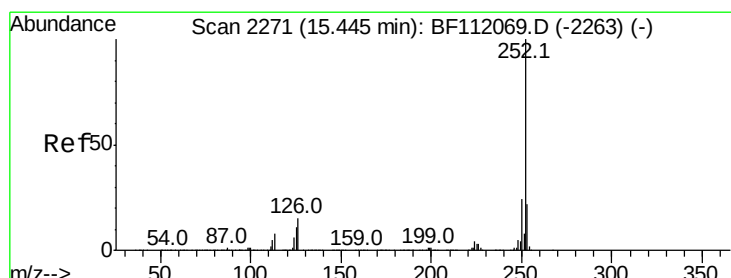
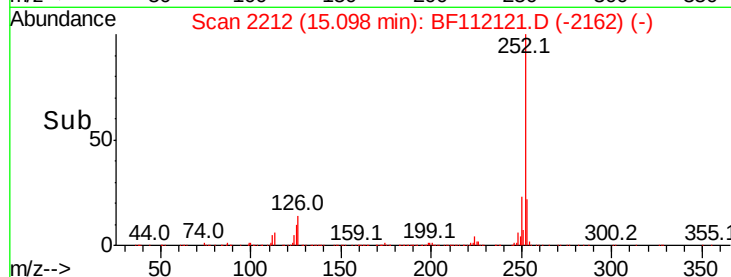
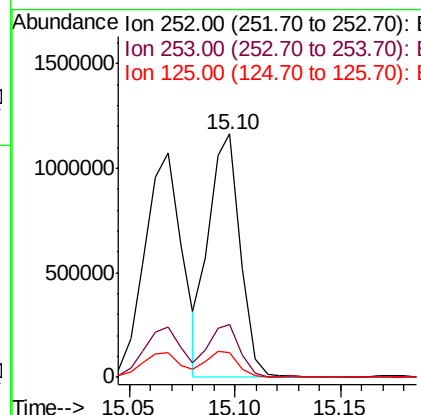
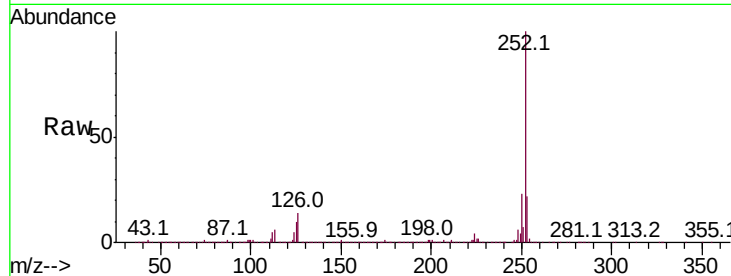
#89
Benzo(k)fluoranthene
Concen: 33.050 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.2	9.1	13.7

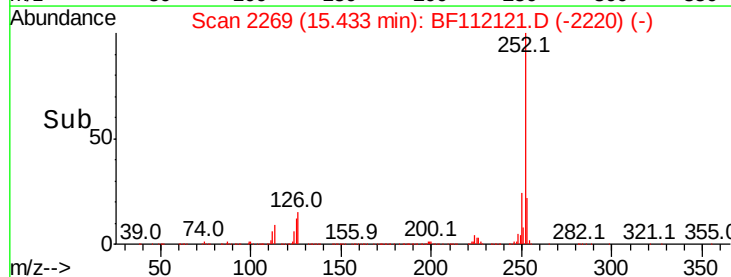
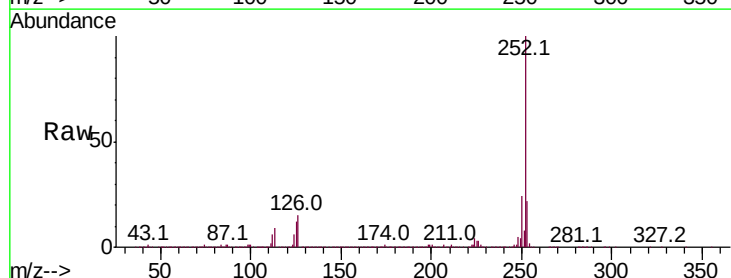
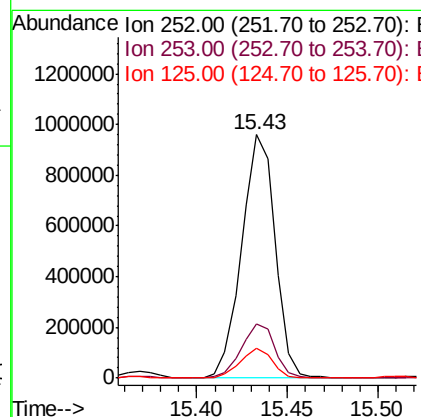
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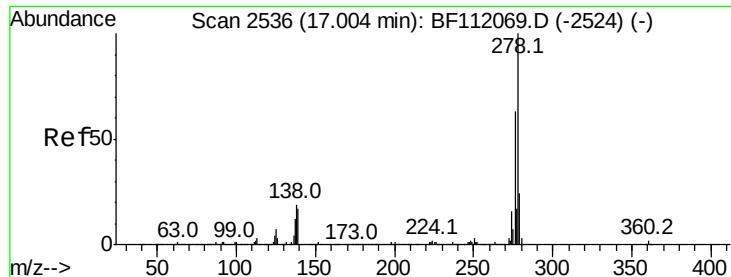
Sohil
1/21/2019 12:00:39 PM



#90
Benzo(a)pyrene
Concen: 35.490 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.1	9.0	13.4





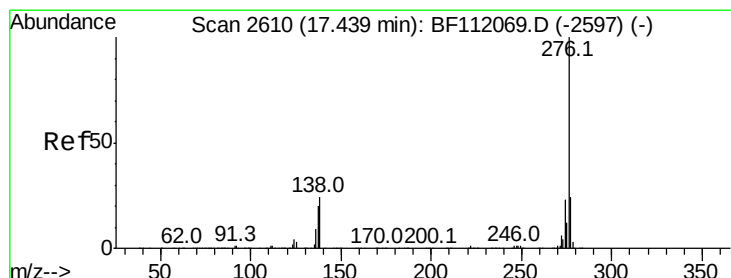
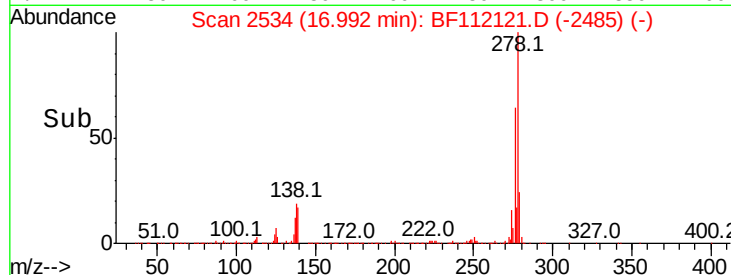
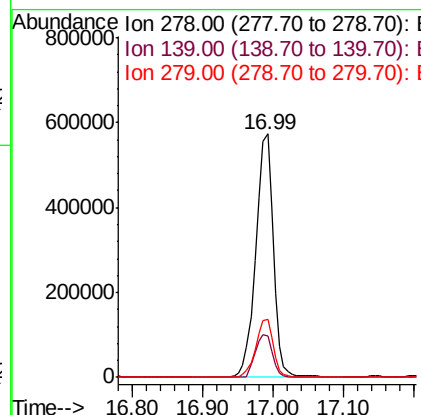
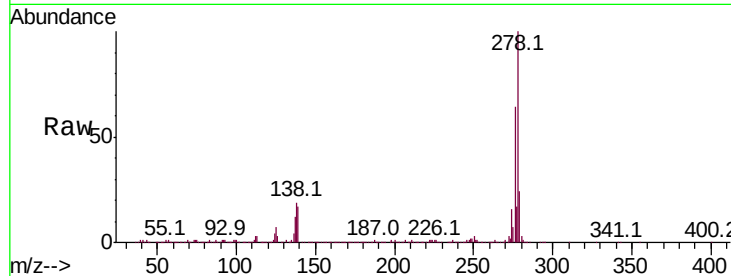
#91
Dibenzo(a,h)anthracene
Concen: 32.591 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Instrument :
BNA_F
ClientSampleId :
WC-07-011519MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.7	20.5
279	24.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:39 PM



#92
Benzo(g,h,i)perylene
Concen: 30.724 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BF112121.D
Acq: 18 Jan 2019 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	24.5	19.1	28.7

