

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107707.D
 Acq On : 26 Jul 2018 18:38
 Operator : JU/SJ
 Sample : J4095-12MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:53:51 PM

Quant Time: Jul 27 04:20:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	203905	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	807437	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	375706	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	720836	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	416769	20.00	ng	-0.02
86) Perylene-d12	15.68	264	506966	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1237400	97.57	ng	0.00
7) Phenol-d6	6.61	99	1495789	98.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	1004476	83.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	491643	115.08	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1857497	84.55	ng	-0.02
78) Terphenyl-d14	13.08	244	1499342	92.10	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	154172	26.118	ng	88
3) Pyridine	3.66	79	203953	12.701	ng	88
4) n-Nitrosodimethylamine	3.62	42	149368	22.054	ng	91
6) Aniline	6.65	93	203757	10.374	ng	# 60
8) 2-Chlorophenol	6.75	128	485762	35.752	ng	94
9) Benzaldehyde	6.52	77	180094	16.274	ng	90
10) Phenol	6.62	94	575592	32.140	ng	89
11) bis(2-Chloroethyl)ether	6.70	93	395350	26.627	ng	92
12) 1,3-Dichlorobenzene	6.90	146	524593	34.054	ng	98
13) 1,4-Dichlorobenzene	6.98	146	572781	36.277	ng	98
14) 1,2-Dichlorobenzene	7.13	146	516031	36.419	ng	99
15) Benzyl Alcohol	7.11	79	380545	36.667	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	783821	31.292	ng	71
17) 2-Methylphenol	7.22	107	404005	34.984	ng	# 88
18) Hexachloroethane	7.47	117	193913	35.015	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	342156	34.781	ng	98
20) 3+4-Methylphenols	7.38	107	527144	38.442	ng	# 56
22) Acetophenone	7.37	105	725049	38.236	ng	# 90
24) Nitrobenzene	7.55	77	503561	36.747	ng	99
25) Isophorone	7.78	82	947743	37.100	ng	99
26) 2-Nitrophenol	7.87	139	274968	47.516	ng	99
27) 2,4-Dimethylphenol	7.90	122	446591	40.770	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	601402	35.228	ng	99
29) 2,4-Dichlorophenol	8.11	162	430376	38.440	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	462394	36.771	ng	99
31) Naphthalene	8.27	128	1484950	41.822	ng	99
32) Benzoic acid	8.01	122	15267m	9.568	ng	
33) 4-Chloroaniline	8.34	127	141333	9.107	ng	97
34) Hexachlorobutadiene	8.37	225	267149	35.753	ng	99
35) Caprolactam	8.69	113	88281m	24.242	ng	
36) 4-Chloro-3-methylphenol	8.81	107	491771	39.542	ng	99
37) 2-Methylnaphthalene	8.96	142	1020934	41.494	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	493515	39.382	ng	98
40) Hexachlorocyclopentadiene	9.10	237	405559	63.665	ng	98

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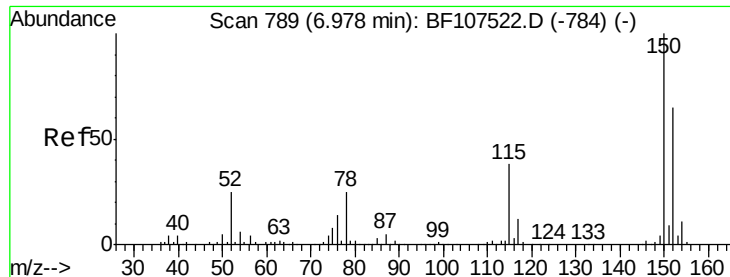
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	300632	37.480	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	320419	38.221	ng	95
45) 1,1'-Biphenyl	9.42	154	1280804	39.134	ng	97
46) 2-Chloronaphthalene	9.45	162	951706	38.043	ng	98
47) 2-Nitroaniline	9.55	65	326125	44.716	ng	88
48) Acenaphthylene	9.87	152	1533230	40.799	ng	99
49) Dimethylphthalate	9.72	163	1237741	43.712	ng	100
50) 2,6-Dinitrotoluene	9.79	165	242505	43.136	ng	# 88
51) Acenaphthene	10.04	154	913055	38.778	ng	99
52) 3-Nitroaniline	9.97	138	142917	20.897	ng	100
53) 2,4-Dinitrophenol	10.08	184	44044	28.301	ng	# 45
54) Dibenzofuran	10.21	168	1308434	37.746	ng	98
55) 4-Nitrophenol	10.15	139	250421	48.905	ng	90
56) 2,4-Dinitrotoluene	10.20	165	301377	44.411	ng	94
57) Fluorene	10.56	166	1044604	42.240	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	263002	37.696	ng	88
59) Diethylphthalate	10.42	149	1137916	38.479	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	520320	37.217	ng	95
61) 4-Nitroaniline	10.60	138	211841	36.867	ng	96
62) Azobenzene	10.71	77	1016824	36.669	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	81749	27.924	ng	90
65) n-Nitrosodiphenylamine	10.67	169	927259	37.876	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	316776	37.332	ng	# 88
67) Hexachlorobenzene	11.10	284	345311	36.985	ng	# 90
68) Atrazine	11.19	200	288756	38.631	ng	96
69) Pentachlorophenol	11.30	266	249800	42.834	ng	98
70) Phenanthrene	11.52	178	1390636	39.589	ng	99
71) Anthracene	11.58	178	1466811	41.474	ng	99
72) Carbazole	11.74	167	1280843	34.827	ng	99
73) Di-n-butylphthalate	12.04	149	1608130	41.544	ng	99
74) Fluoranthene	12.72	202	1365104	36.216	ng	96
76) Benzidine	12.85	184	80981	6.747	ng	97
77) Pyrene	12.95	202	1290764	45.278	ng	98
79) Butylbenzylphthalate	13.55	149	518867	42.323	ng	91
80) Benzo(a)anthracene	14.14	228	1012195	41.444	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	180914	21.371	ng	96
82) Chrysene	14.18	228	978729	41.717	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	691135	39.954	ng	99
84) Di-n-octyl phthalate	14.72	149	1150511	42.789	ng	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	1185150	59.603	ng	# 92
87) Benzo(b)fluoranthene	15.22	252	995797	35.890	ng	97
88) Benzo(k)fluoranthene	15.25	252	1085848	39.946	ng	98
89) Benzo(a)pyrene	15.62	252	1041645	41.042	ng	99
90) Dibenzo(a,h)anthracene	17.28	278	962688	43.880	ng	# 95
91) Benzo(g,h,i)perylene	17.74	276	929568	42.955	ng	92

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



#1

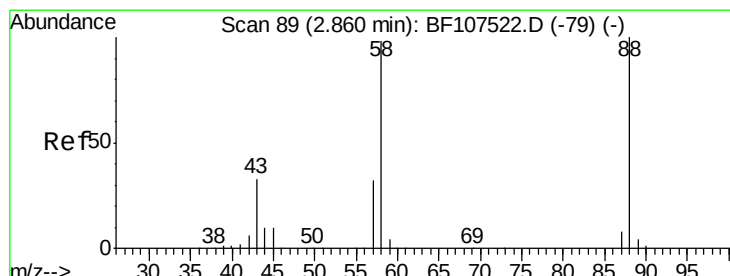
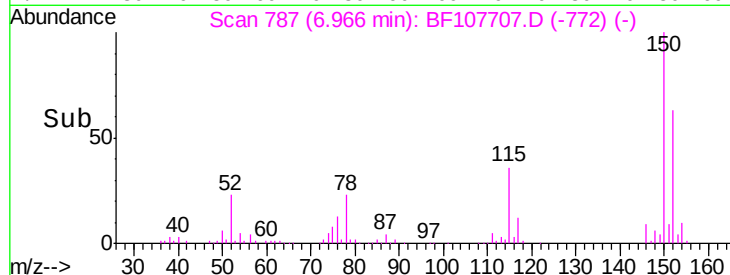
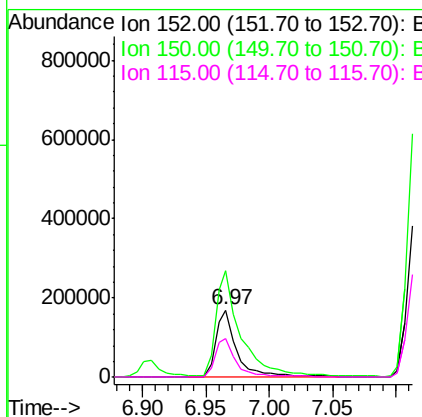
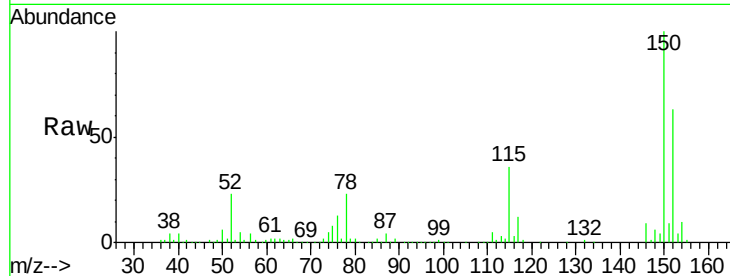
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	57.7	50.1	75.1

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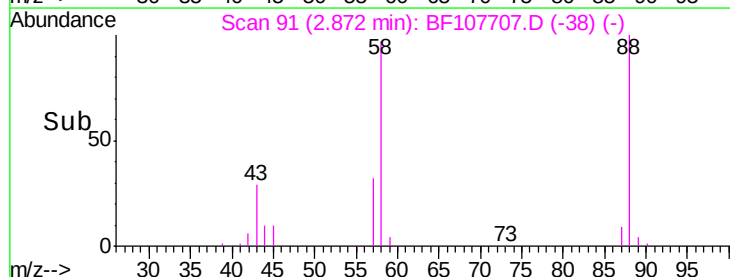
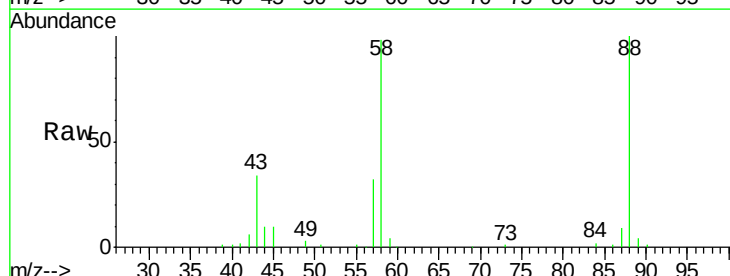
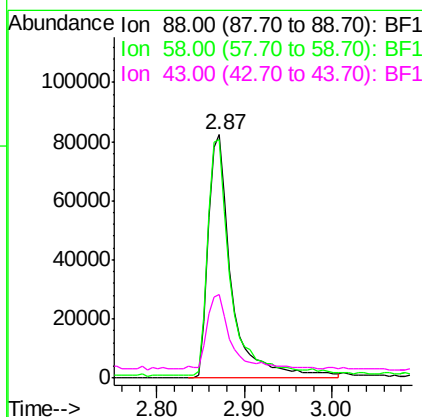
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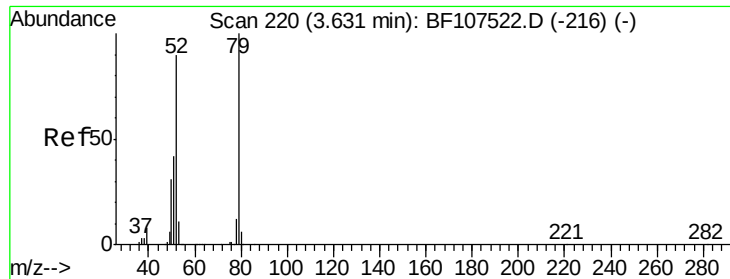


#2

1,4-Dioxane
Concen: 26.118 ng
RT: 2.87 min Scan# 91
Delta R.T. 0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.6	62.6	93.8
43	29.6	24.6	37.0





#3

Pyridine

Concen: 12.701 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.03 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

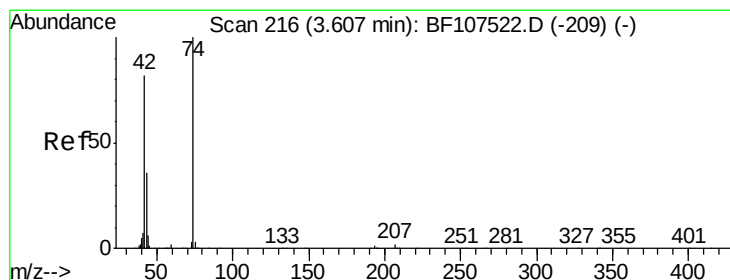
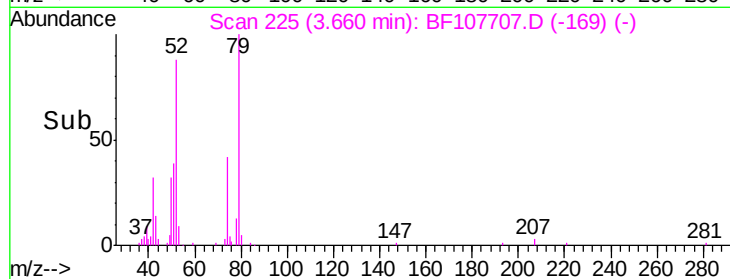
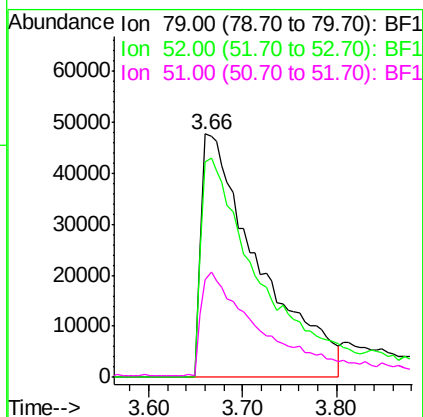
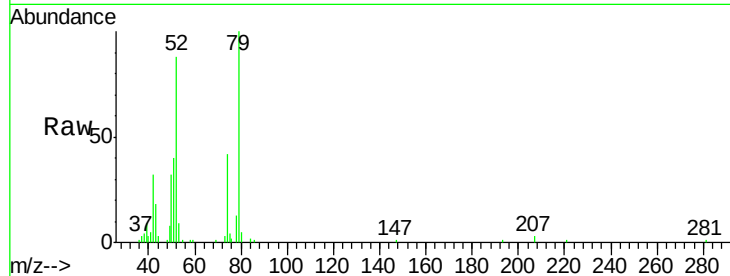
ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	79	Resp:	203953
Ion Ratio	Lower	Upper	
79	100		
52	88.3	59.8	89.6
51	39.9	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 22.054 ng

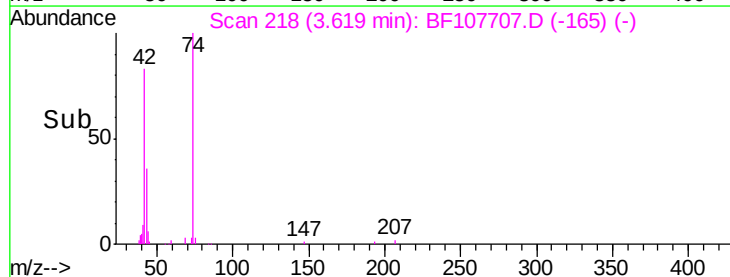
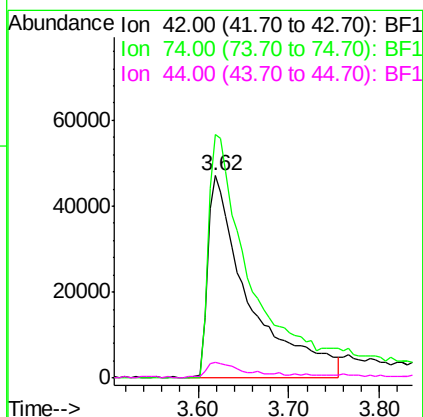
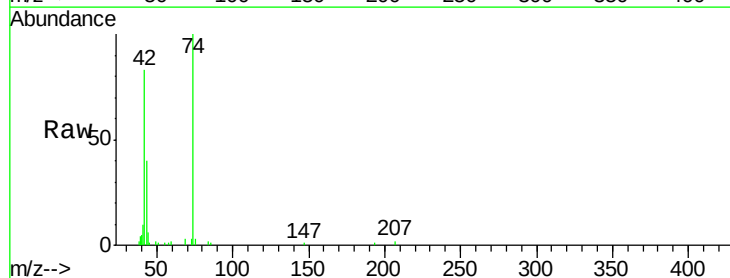
RT: 3.62 min Scan# 218

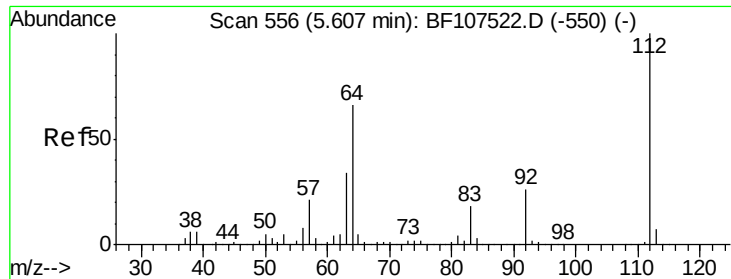
Delta R.T. 0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion:	42	Resp:	149368
Ion Ratio	Lower	Upper	
42	100		
74	120.2	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 97.570 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion: 112 Resp: 1237400

Ion Ratio Lower Upper

112 100

64 63.1 47.9 71.9

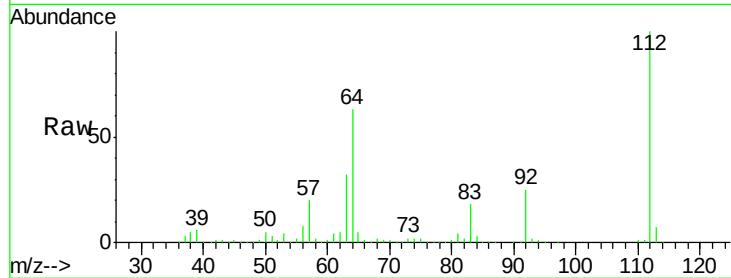
63 31.9 23.7 35.5

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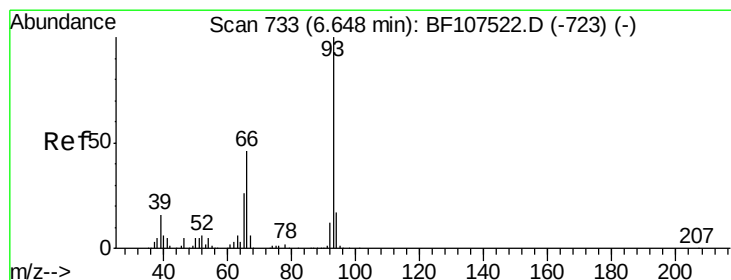
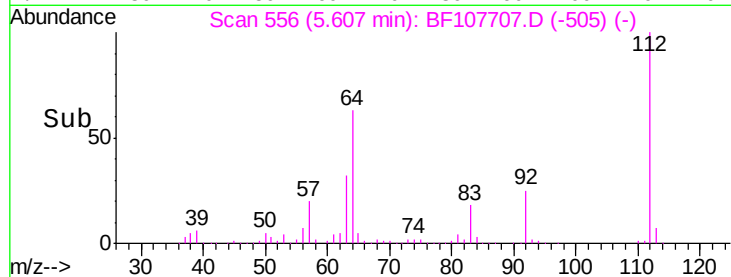
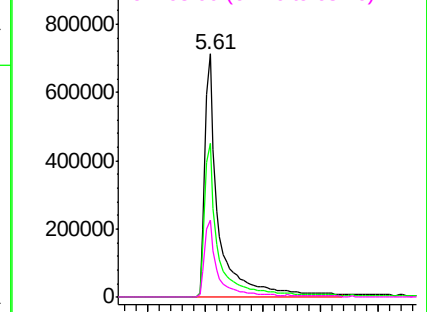
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.374 ng

RT: 6.65 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion: 93 Resp: 203757

Ion Ratio Lower Upper

93 100

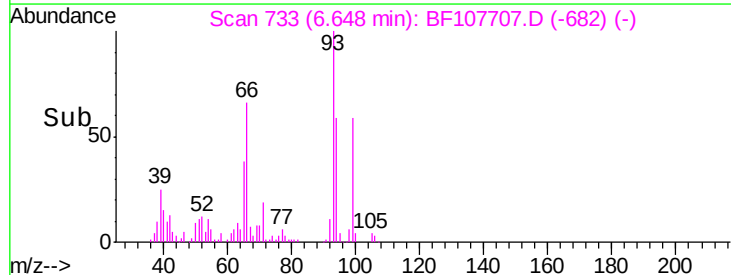
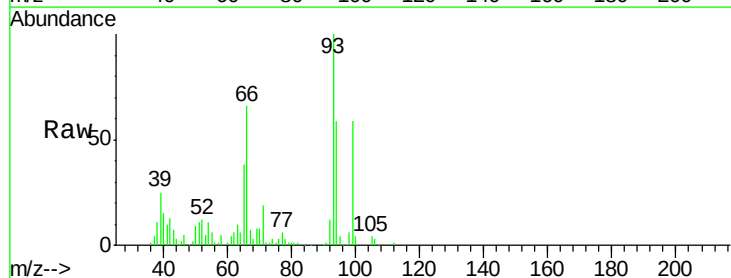
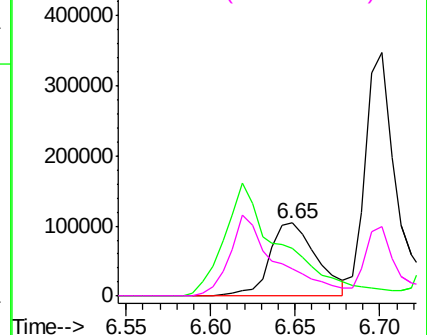
66 65.9 32.2 48.2#

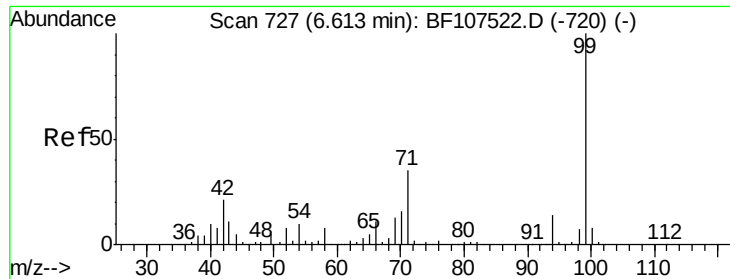
65 37.8 16.4 24.6#

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.226 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion: 99 Resp: 1495789

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

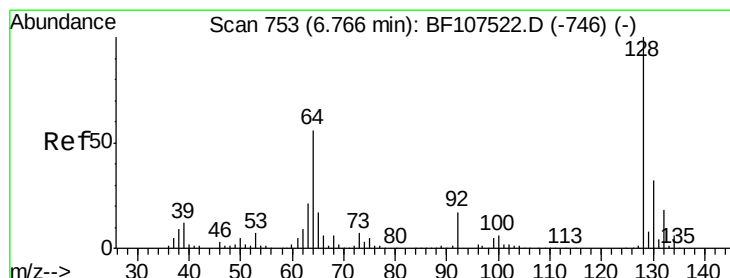
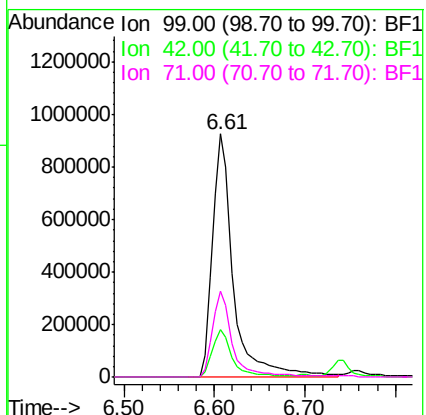
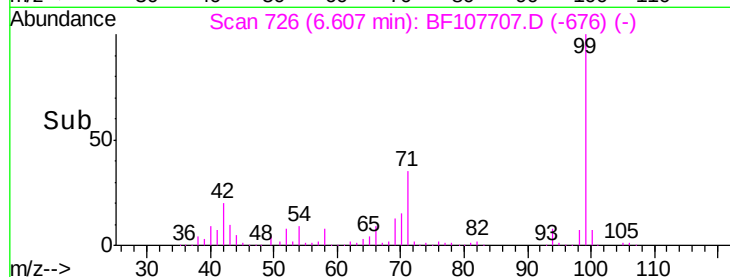
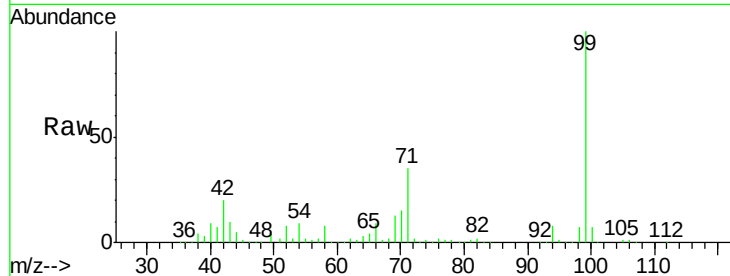
71 35.2 25.4 38.0

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#8

2-Chlorophenol

Concen: 35.752 ng

RT: 6.75 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

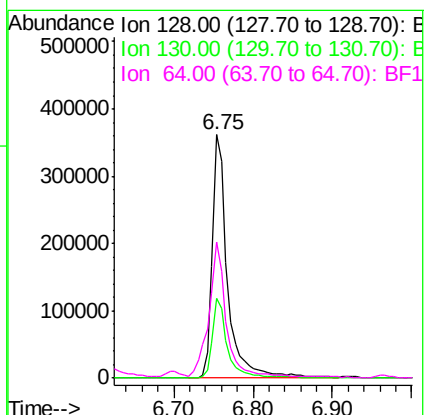
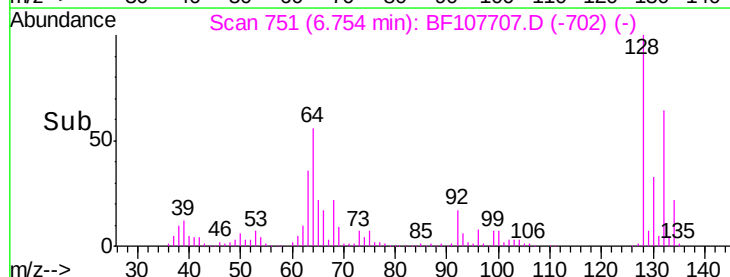
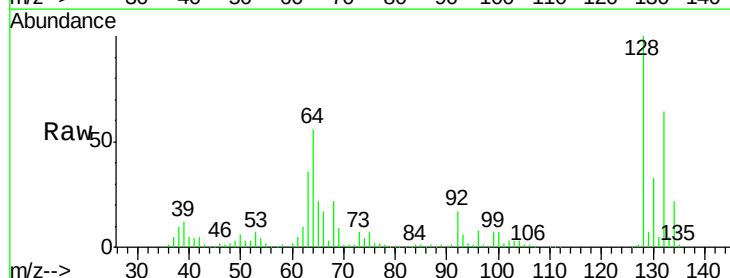
Tgt Ion: 128 Resp: 485762

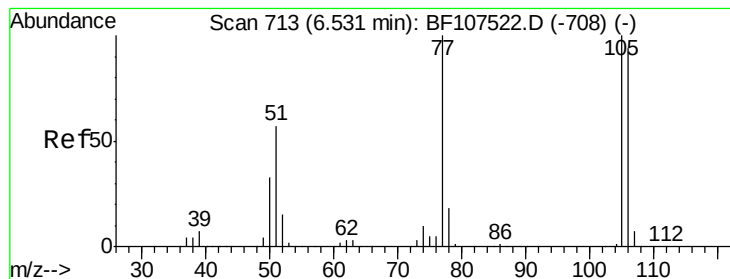
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 55.9 29.4 69.4





#9

Benzaldehyde

Concen: 16.274 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

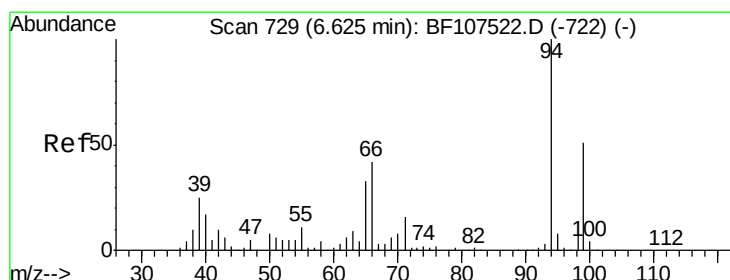
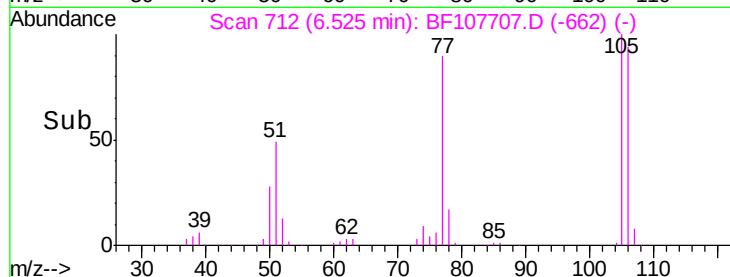
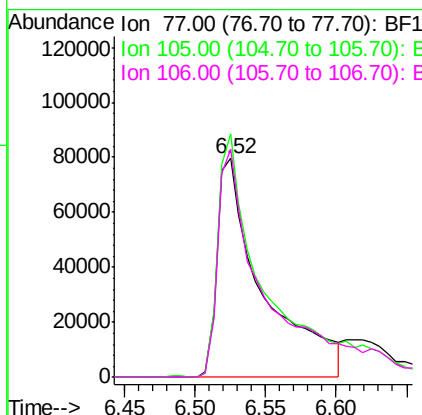
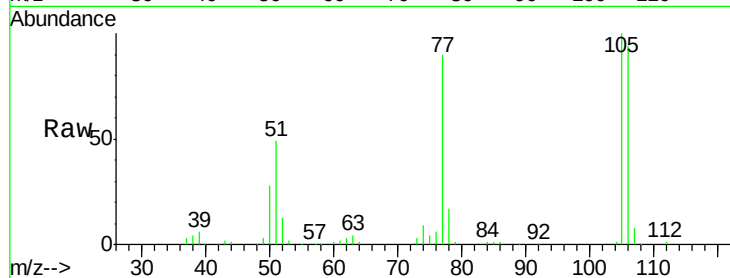
ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	77	Resp:	180094
Ion	Ratio	Lower	Upper
77	100		
105	111.3	81.1	121.1
106	104.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.140 ng

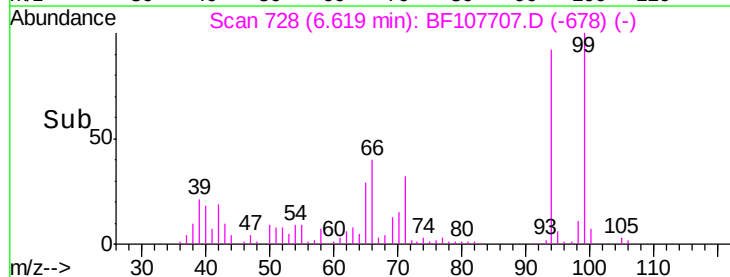
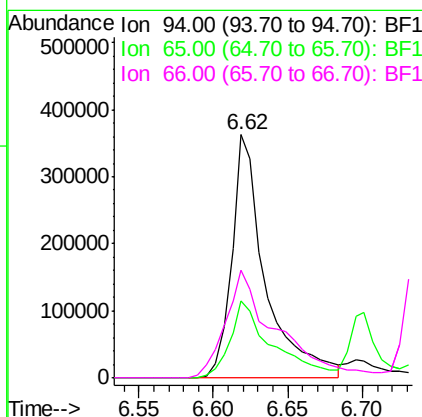
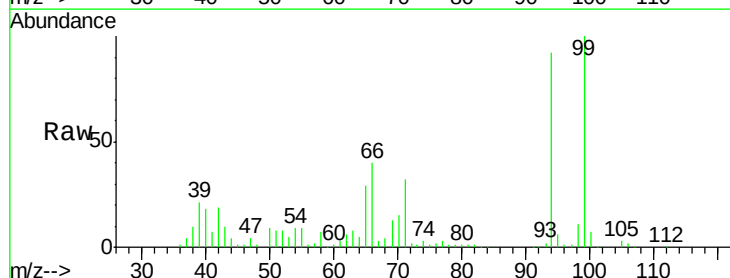
RT: 6.62 min Scan# 728

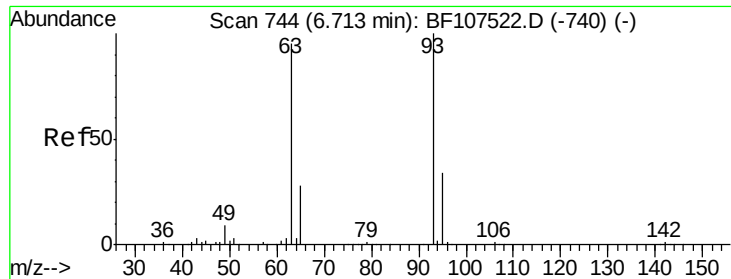
Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion:	94	Resp:	575592
Ion	Ratio	Lower	Upper
94	100		
65	31.7	7.9	47.9
66	44.2	16.2	56.2





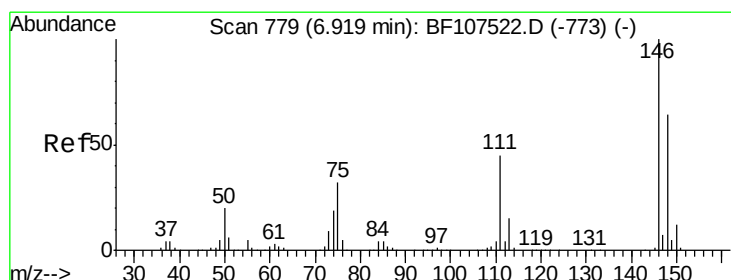
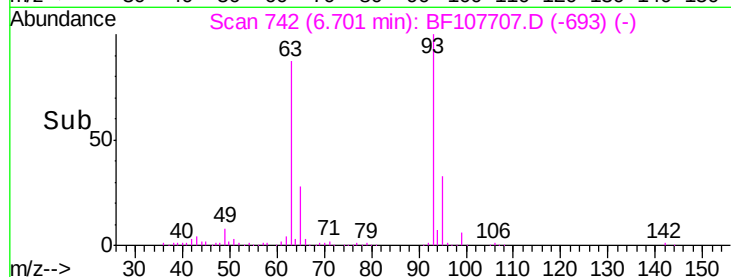
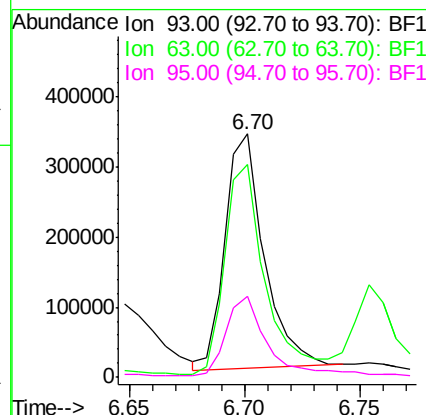
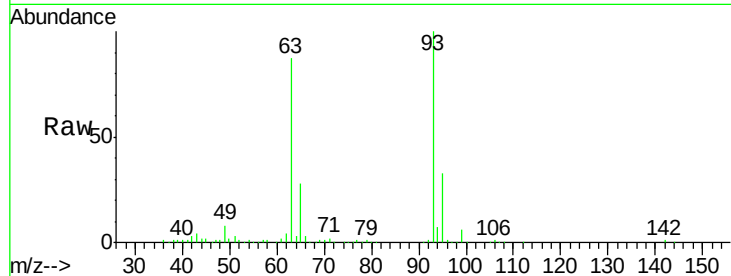
#11
 bis(2-Chloroethyl)ether
 Concen: 26.627 ng
 RT: 6.70 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	93	Resp:	395350
Ion Ratio	Lower	Upper	
93	100		
63	87.3	58.6	98.6
95	33.1	11.8	51.8

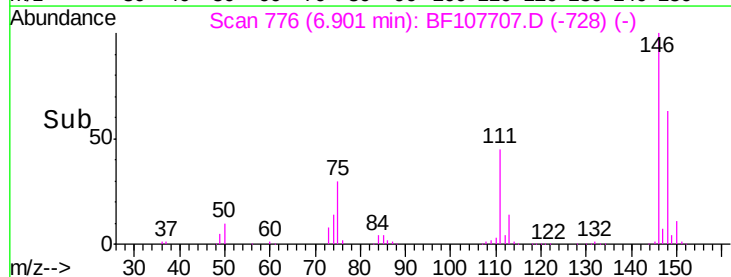
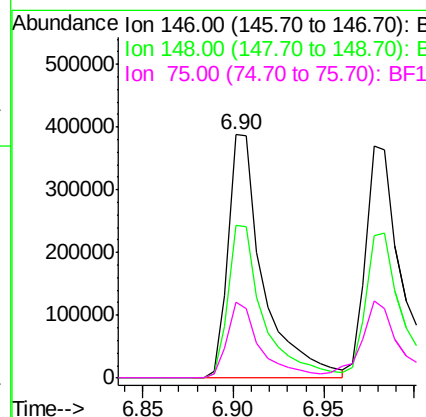
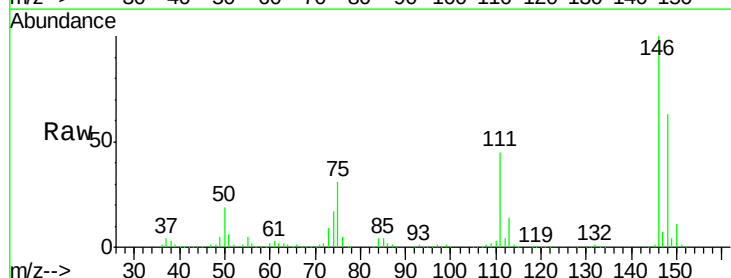
Manual Integrations
 APPROVED

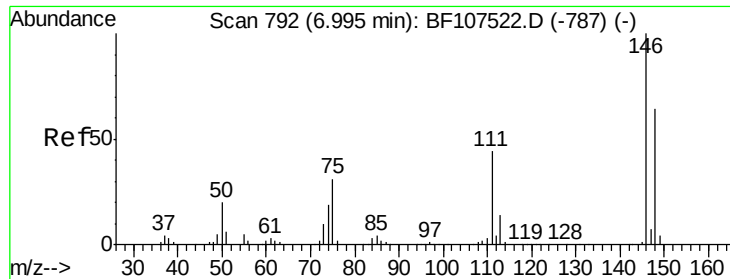
Sohil
 7/27/2018 2:53:51 PM



#12
 1,3-Dichlorobenzene
 Concen: 34.054 ng
 RT: 6.90 min Scan# 776
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion:	146	Resp:	524593
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.8	77.8
75	31.3	24.2	36.4





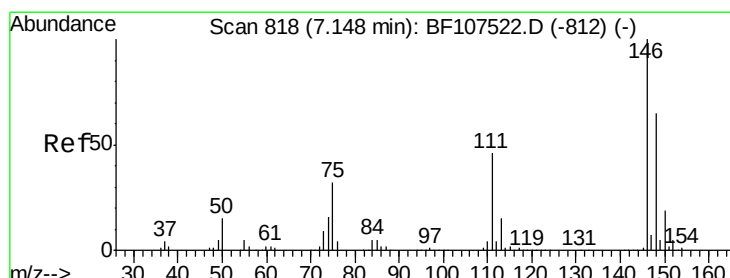
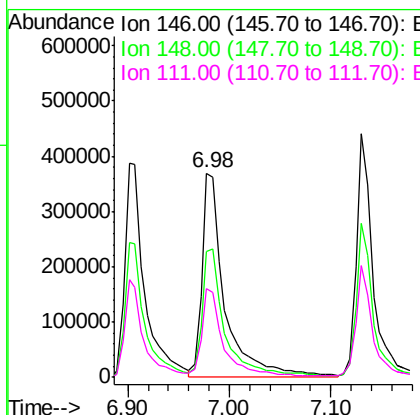
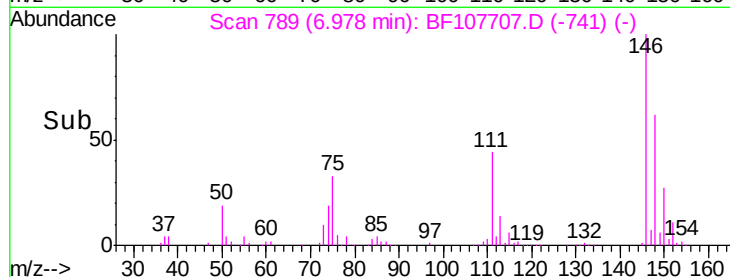
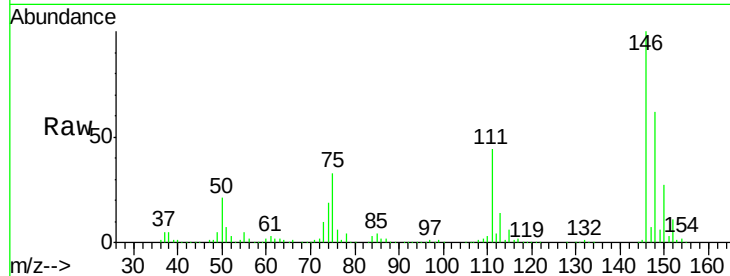
#13
1,4-Dichlorobenzene
Concen: 36.277 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.8	76.2
111	43.6	34.2	51.2

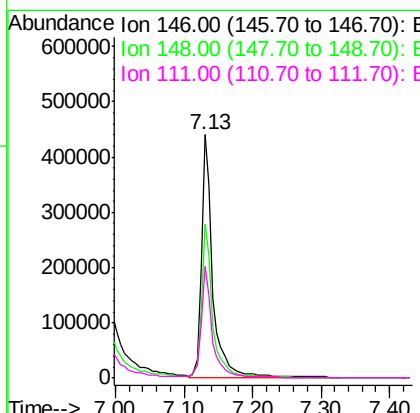
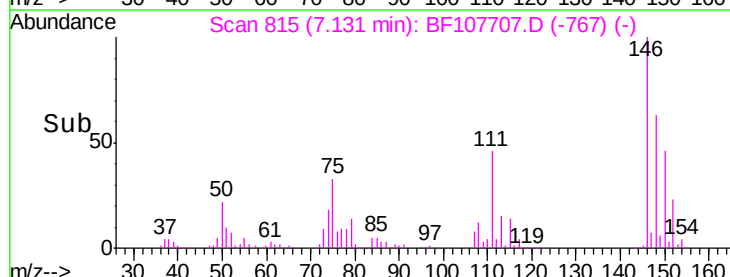
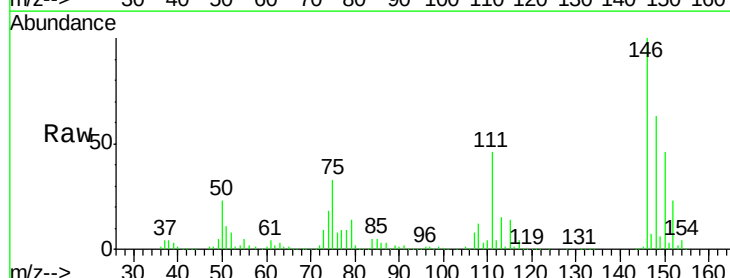
Manual Integrations
APPROVED

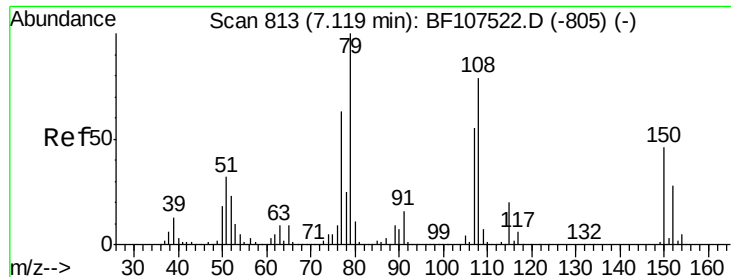
Sohil
7/27/2018 2:53:51 PM



#14
1,2-Dichlorobenzene
Concen: 36.419 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	46.1	36.0	54.0





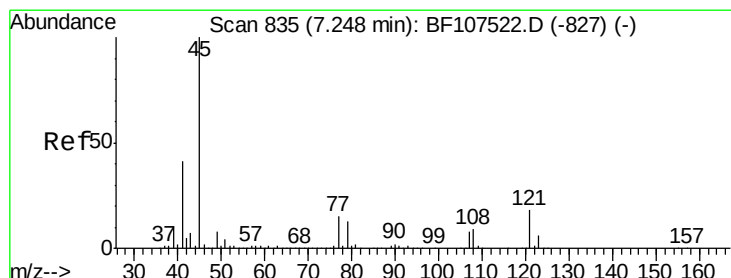
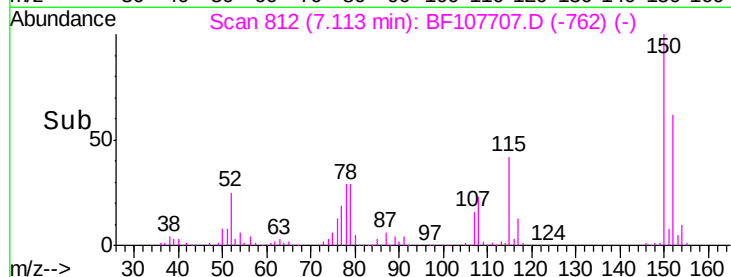
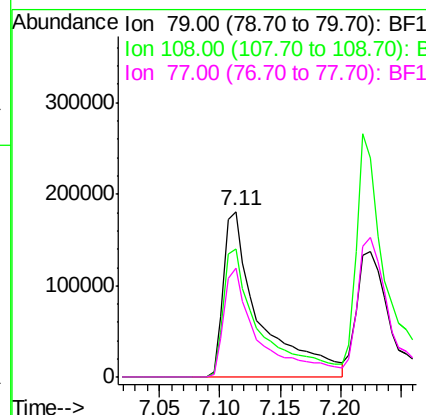
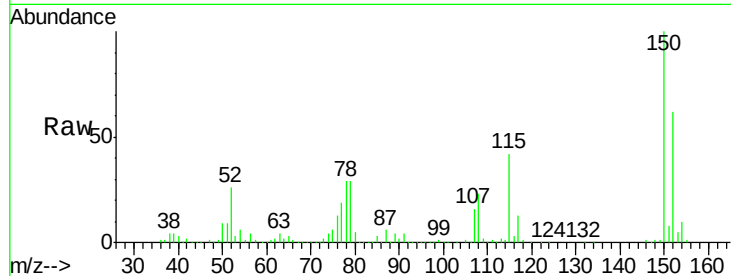
#15
Benzyl Alcohol
Concen: 36.667 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.8	65.1	97.7
77	65.5	50.6	75.8

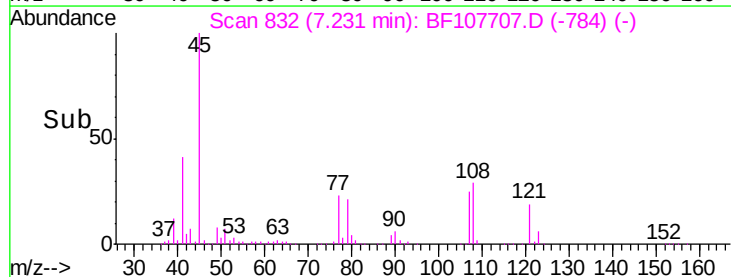
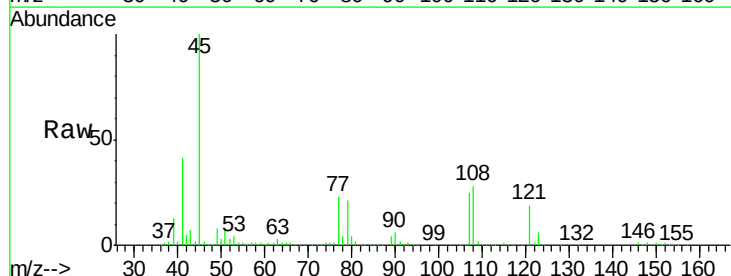
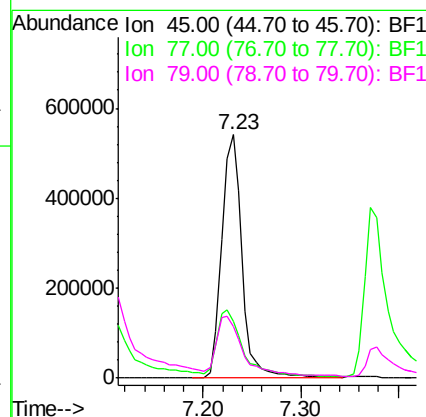
Manual Integrations
APPROVED

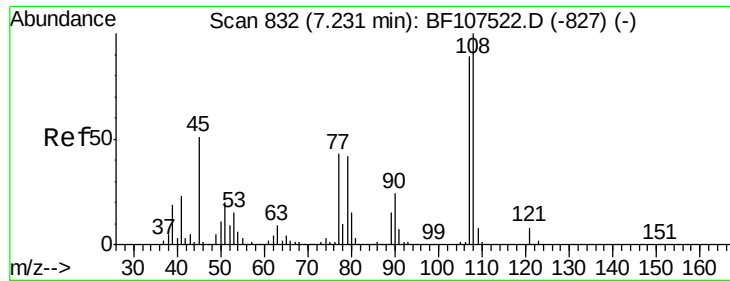
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.292 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.2	0.0	32.9
79	21.5	0.0	29.6





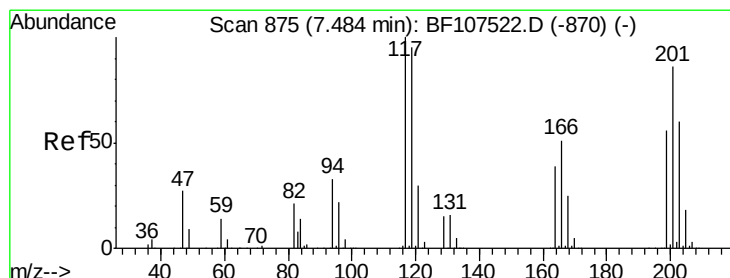
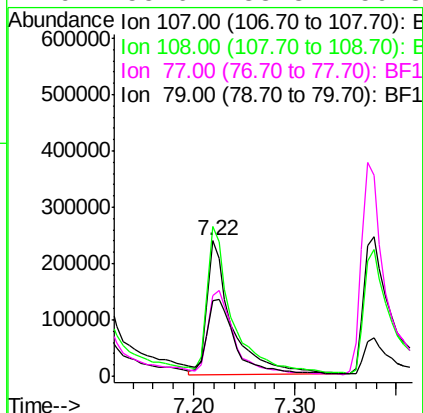
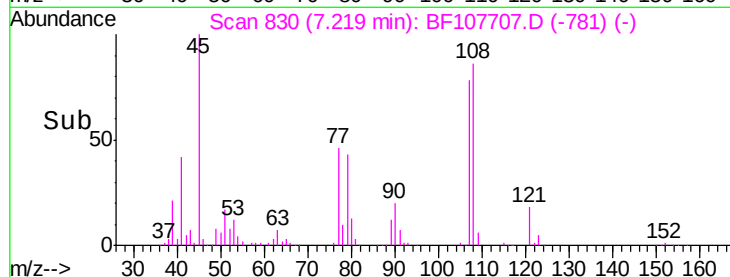
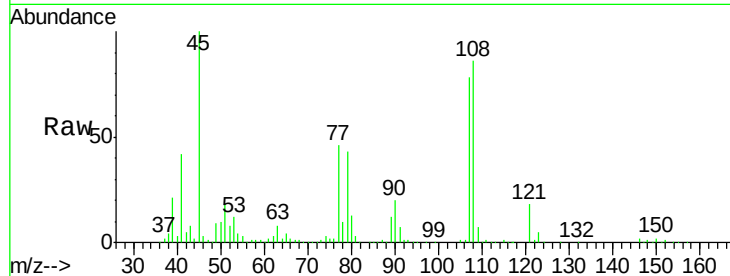
#17
2-Methylphenol
Concen: 34.984 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	107	Resp:	404005
Ion Ratio	Lower	Upper	
107	100		
108	110.6	91.7	137.5
77	59.4	33.8	50.8#
79	55.6	33.8	50.8#

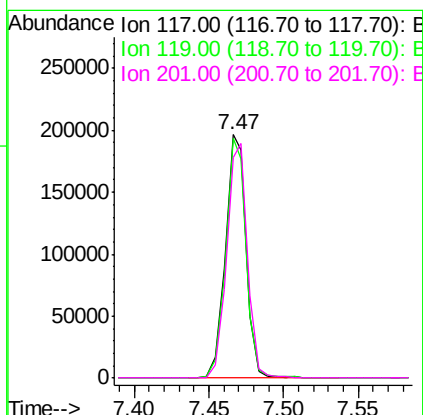
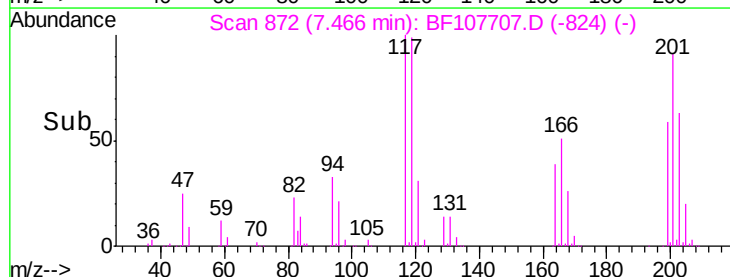
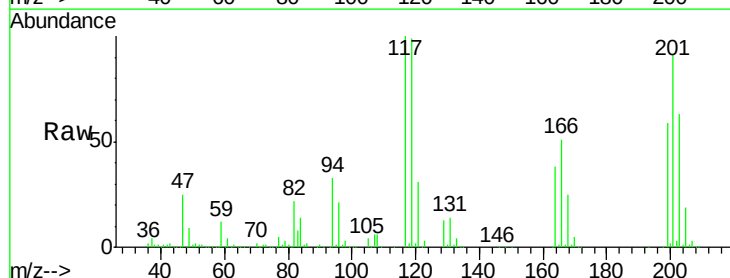
Manual Integrations
APPROVED

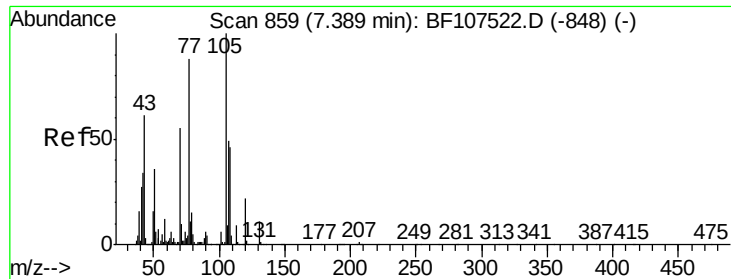
Sohil
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#18
Hexachloroethane
Concen: 35.015 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion:	117	Resp:	193913
Ion Ratio	Lower	Upper	
117	100		
119	98.5	75.8	113.8
201	90.6	75.7	113.5





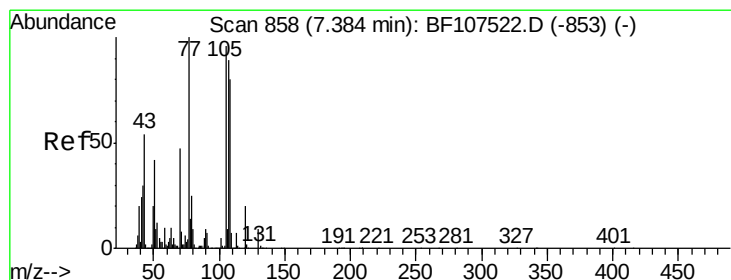
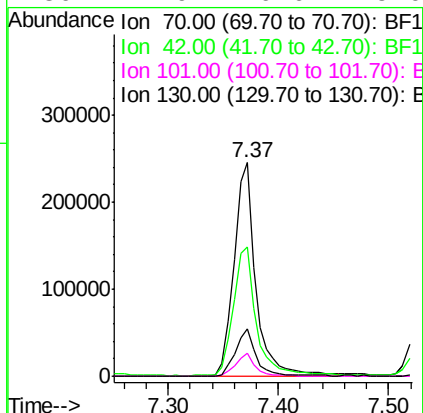
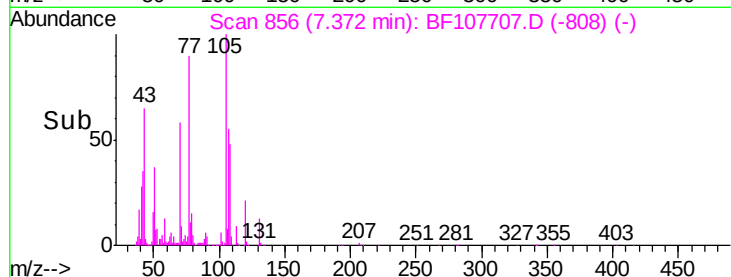
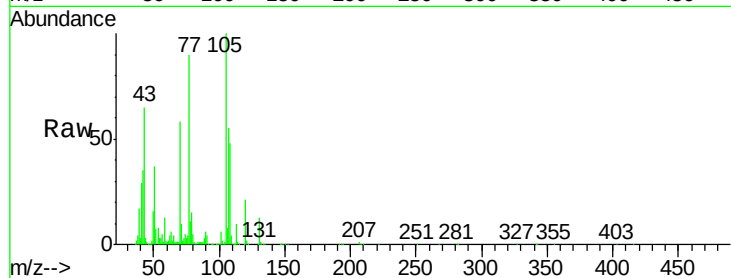
#19
n-Nitroso-di-n-propylamine
Concen: 34.781 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	342156		
42	60.7	47.5	71.3	
101	10.7	7.4	11.2	
130	21.9	16.6	25.0	

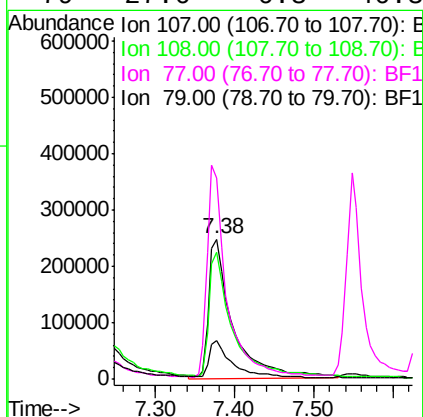
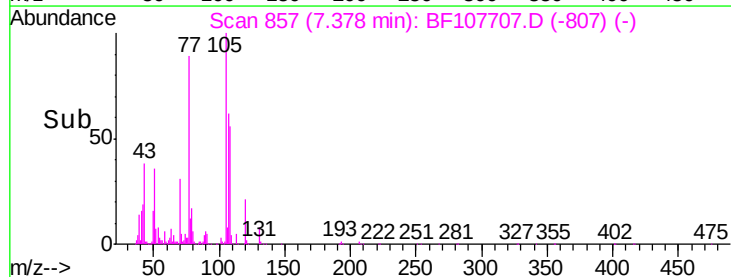
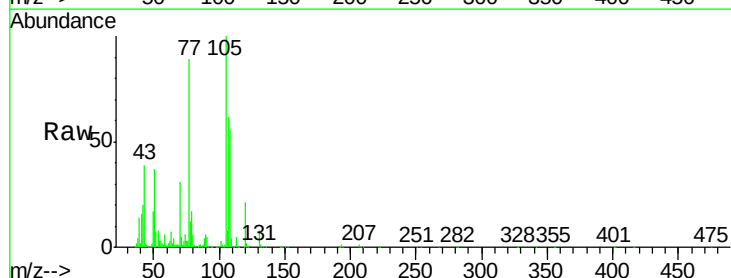
Manual Integrations
APPROVED

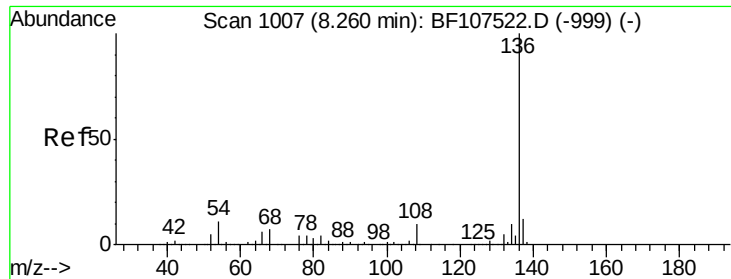
Sohil
7/27/2018 2:53:51 PM



#20
3+4-Methylphenols
Concen: 38.442 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	527144		
108	90.8	68.2	108.2	
77	144.2	26.7	66.7#	
79	27.6	6.3	46.3	





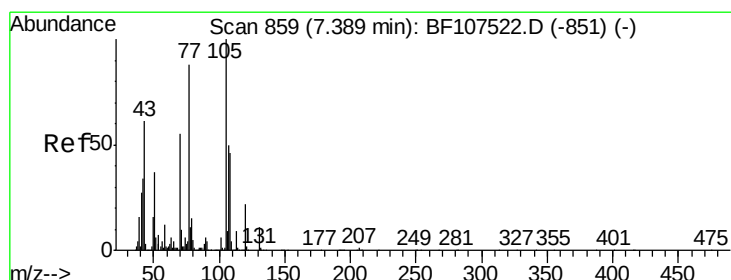
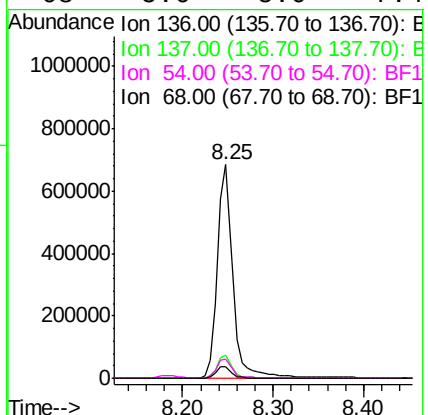
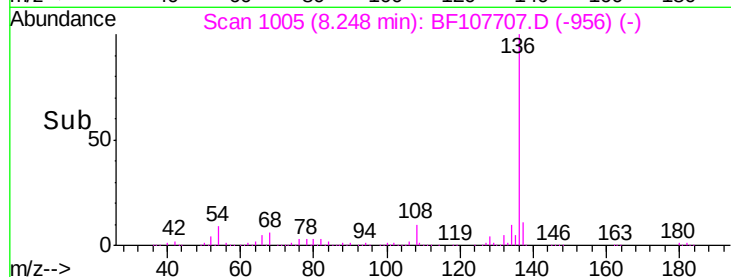
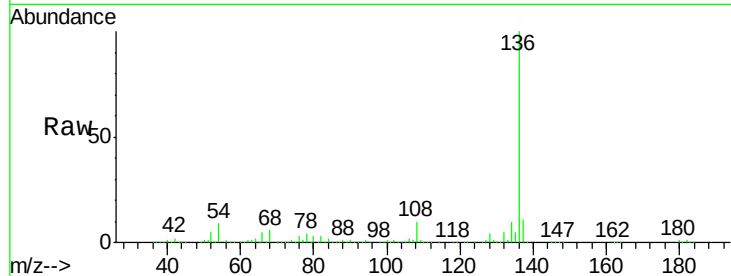
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	807437		
137	10.9	8.9	13.3	
54	9.2	6.6	9.8	
68	5.6	5.0	7.4	

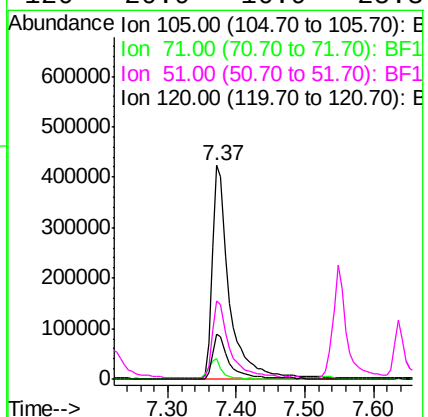
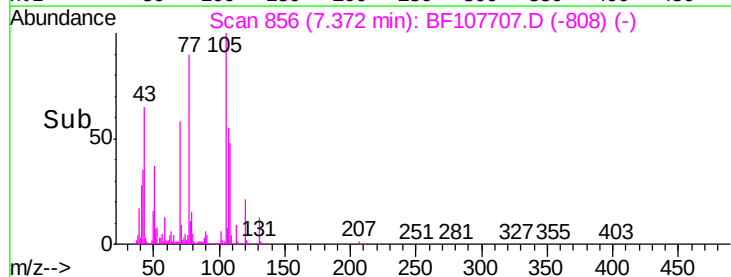
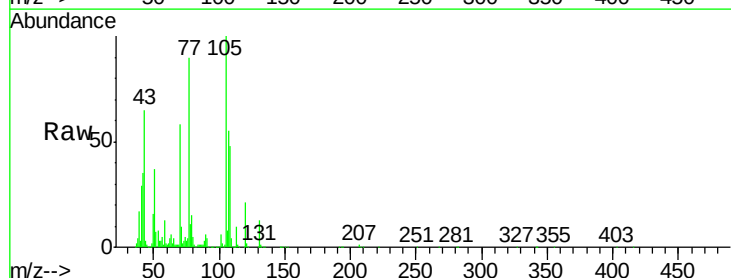
Manual Integrations
APPROVED

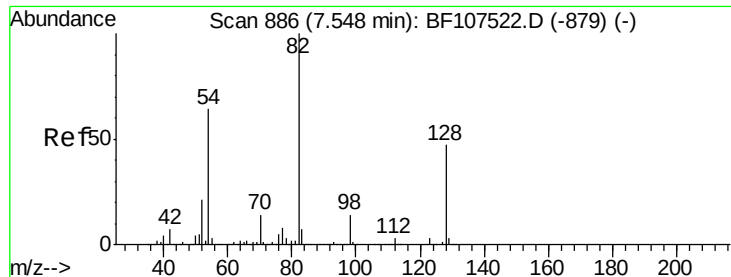
Sohil
7/27/2018 2:53:51 PM



#22
Acetophenone
Concen: 38.236 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	725049		
71	9.5	4.4	6.6#	
51	36.8	22.3	33.5#	
120	20.9	16.9	25.3	





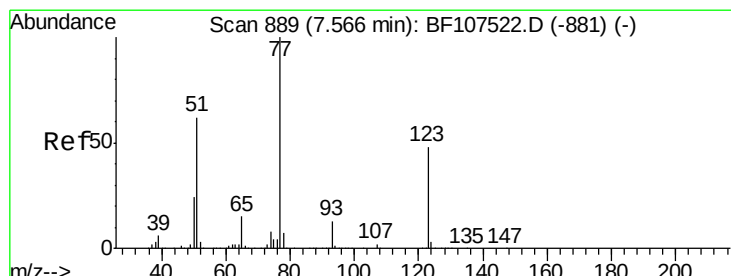
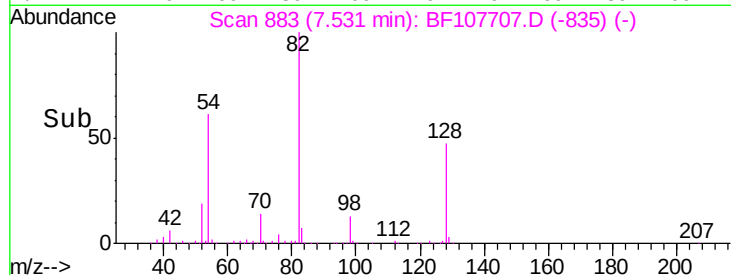
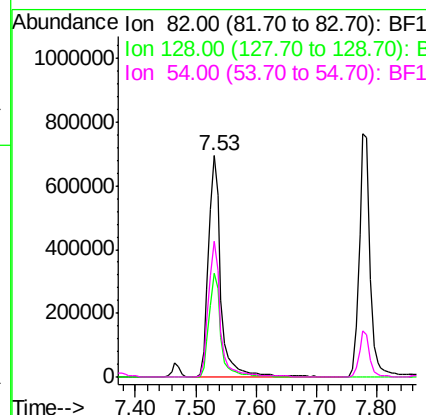
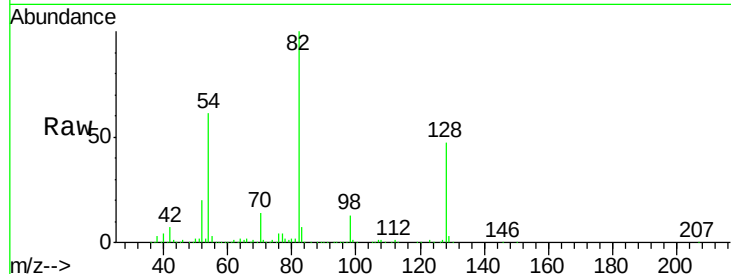
#23
 Nitrobenzene-d5
 Concen: 83.957 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion: 82 Resp: 1004476
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.1 54.1
 54 61.2 41.4 62.2

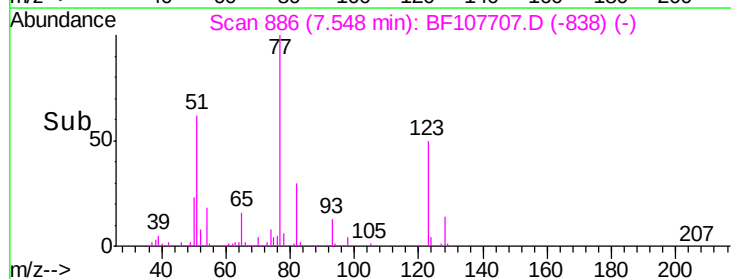
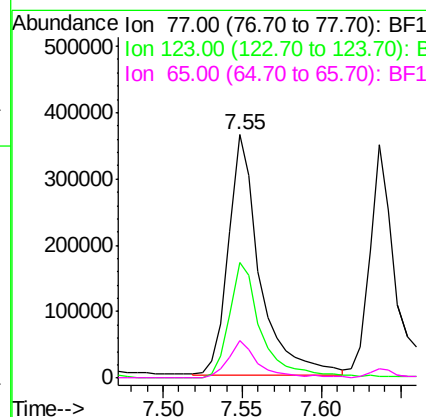
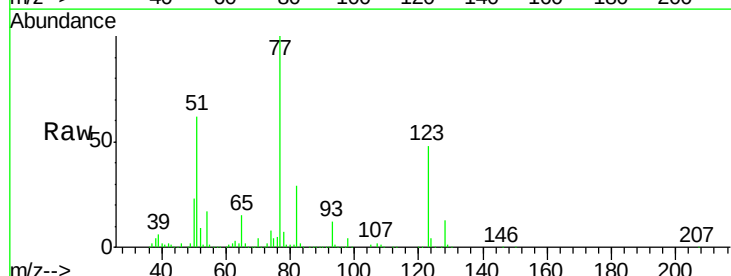
Manual Integrations
 APPROVED

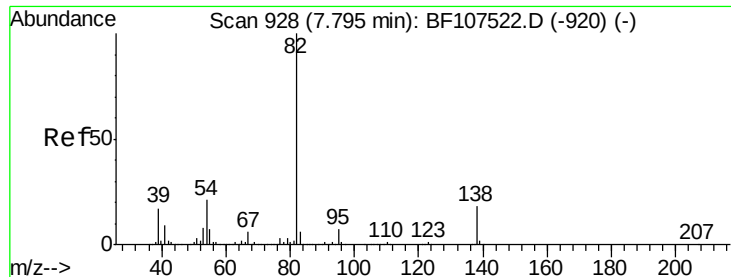
Sohil
 7/27/2018 2:53:51 PM



#24
 Nitrobenzene
 Concen: 36.747 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion: 77 Resp: 503561
 Ion Ratio Lower Upper
 77 100
 123 47.6 37.9 56.9
 65 15.3 11.0 16.4





#25

Isophorone

Concen: 37.100 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

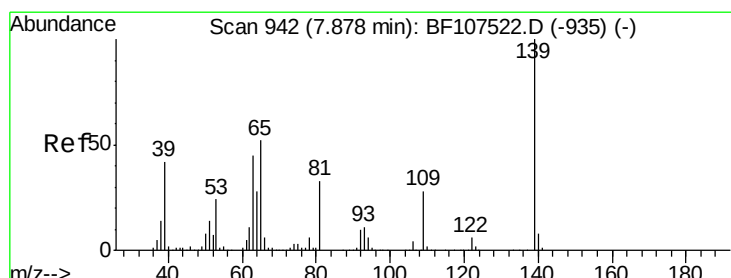
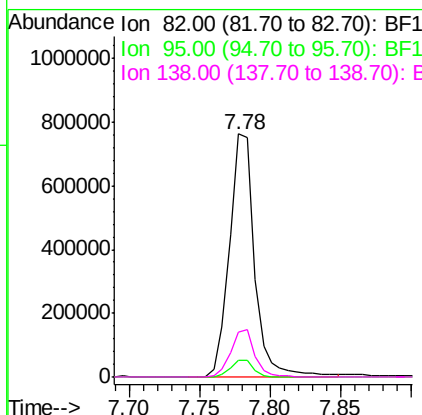
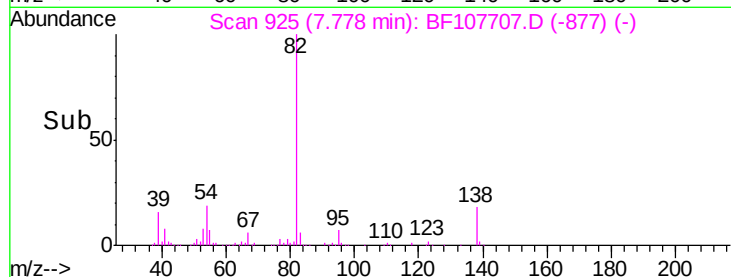
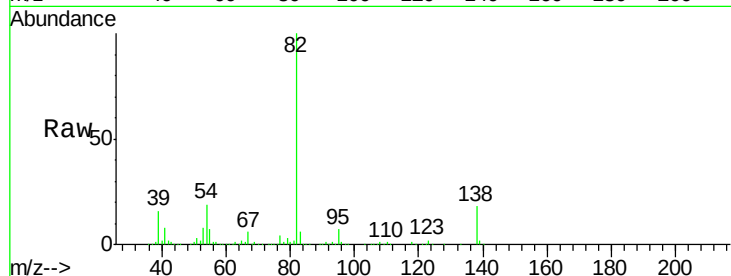
ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	82	Resp:	947743
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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Sohil
7/27/2018 2:53:51 PM



#26

2-Nitrophenol

Concen: 47.516 ng

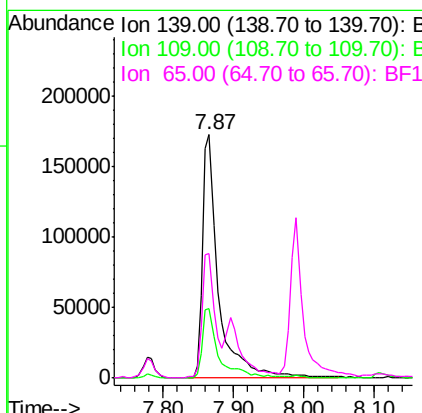
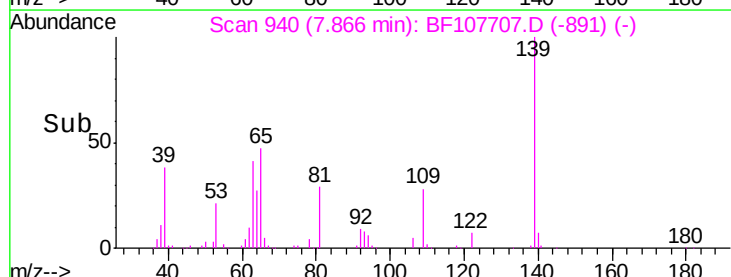
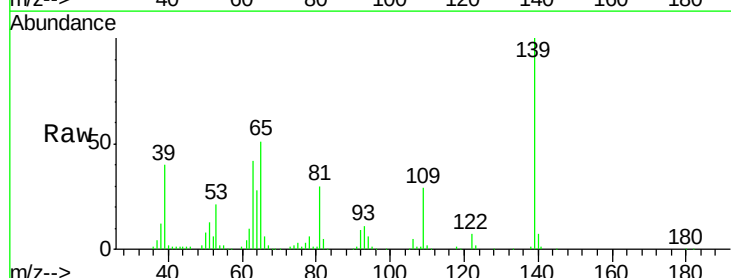
RT: 7.87 min Scan# 940

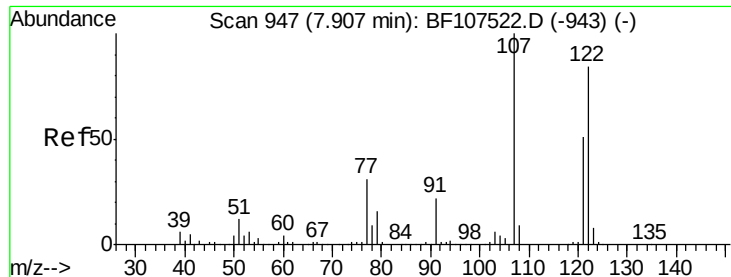
Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion:	139	Resp:	274968
Ion Ratio	Lower	Upper	
139	100		
109	28.8	22.7	34.1
65	51.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 40.770 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

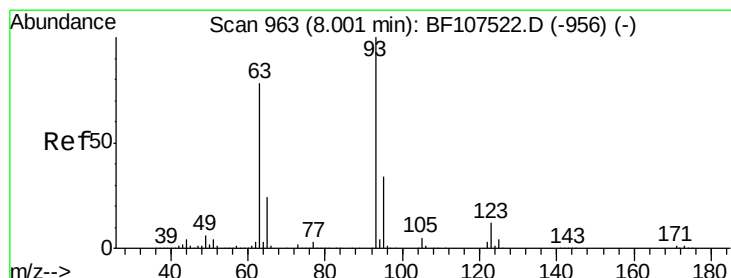
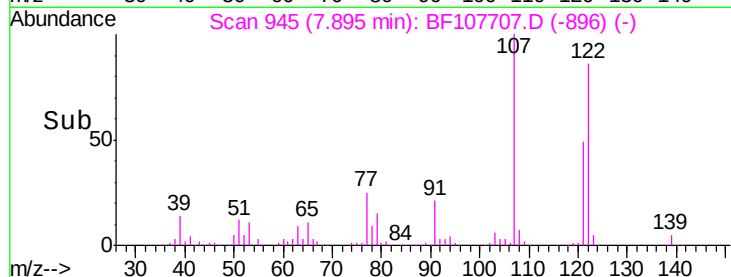
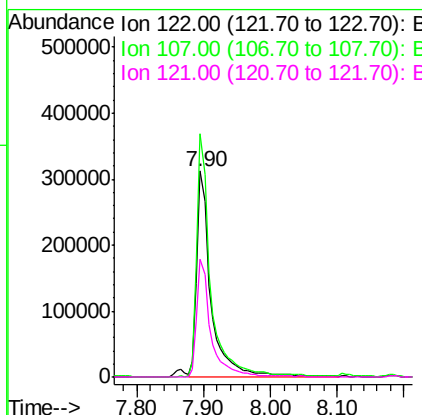
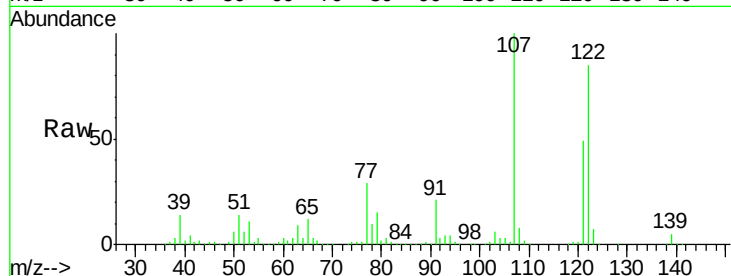
ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	122	Resp:	446591
Ion Ratio	Lower	Upper	
122	100		
107	118.1	91.2	136.8
121	57.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 35.228 ng

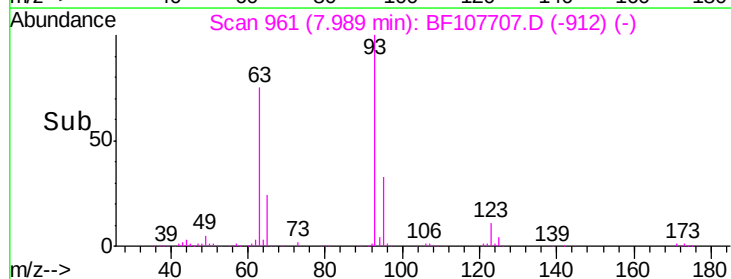
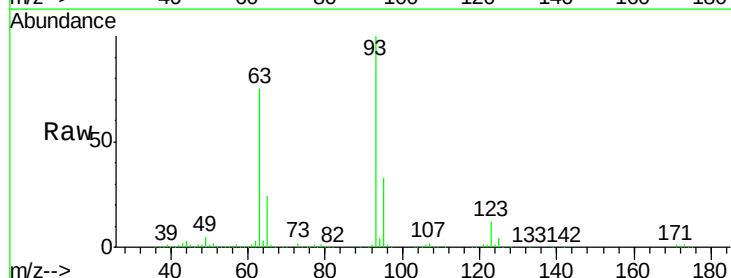
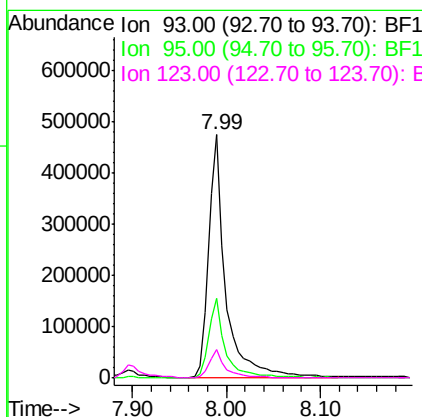
RT: 7.99 min Scan# 961

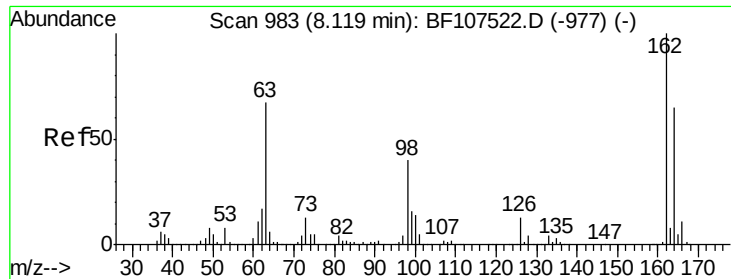
Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion:	93	Resp:	601402
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	11.7	9.8	14.6





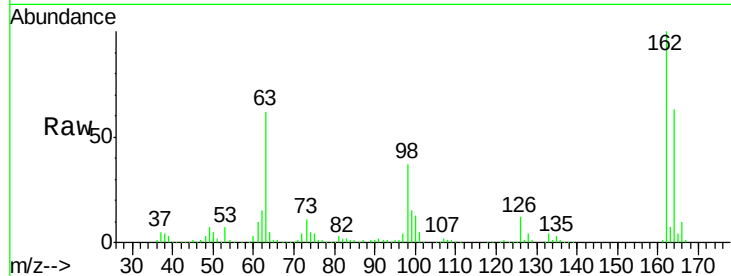
#29
2,4-Dichlorophenol
Concen: 38.440 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

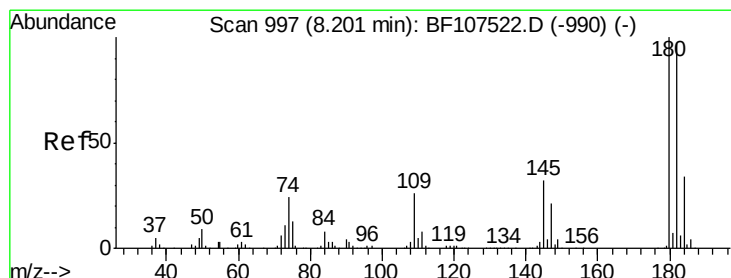
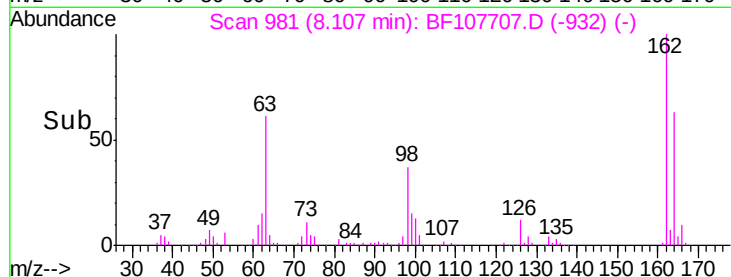
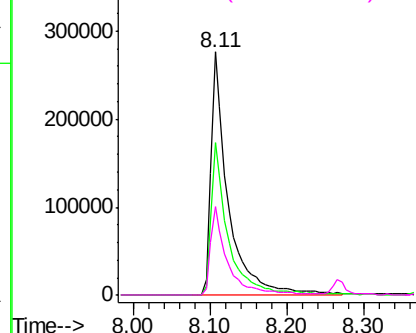
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	430376		
164	62.7	42.7	82.7	
98	36.5	18.1	58.1	

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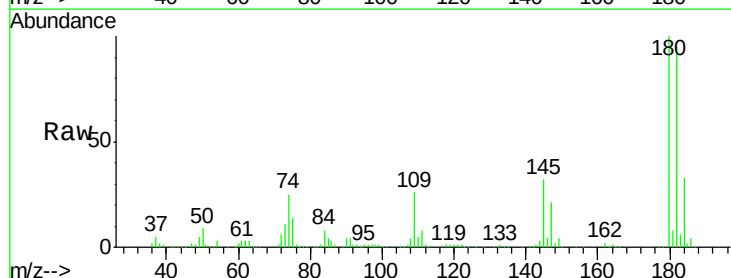


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

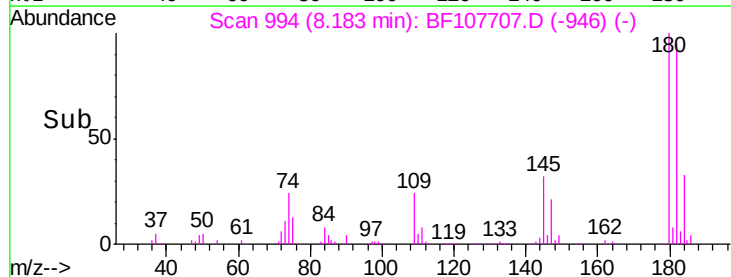
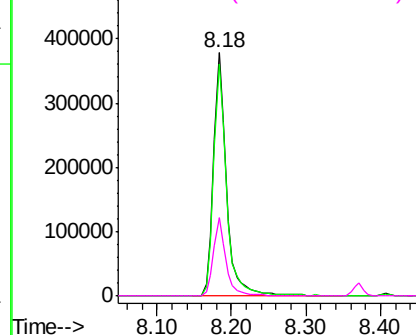


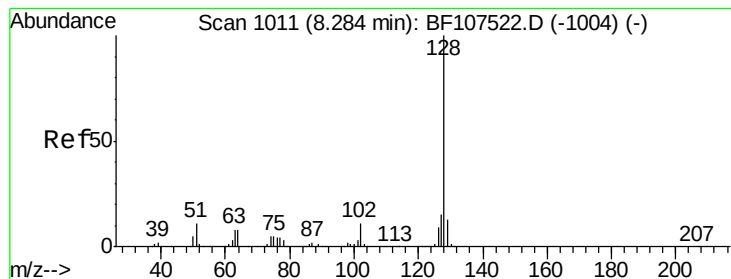
#30
1,2,4-Trichlorobenzene
Concen: 36.771 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	462394		
182	95.3	76.8	115.2	
145	32.5	26.5	39.7	



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





#31

Naphthalene

Concen: 41.822 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

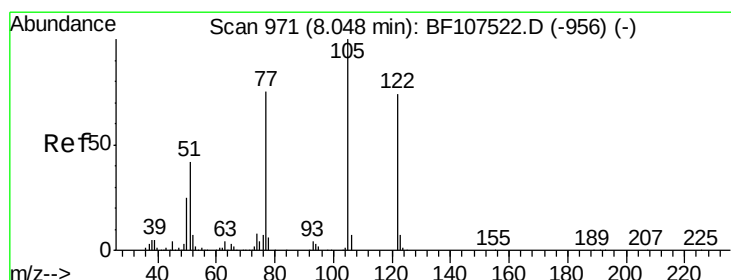
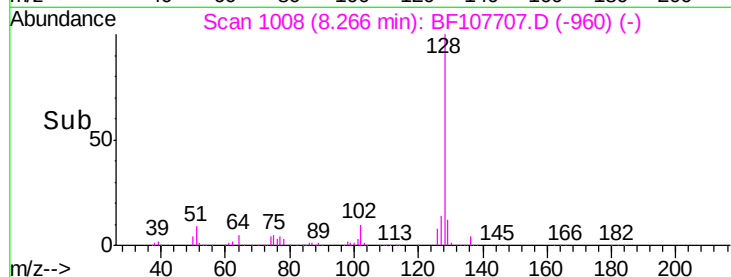
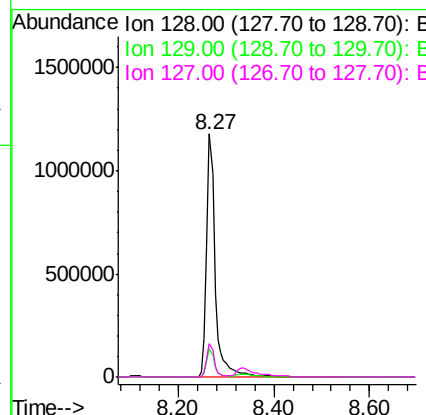
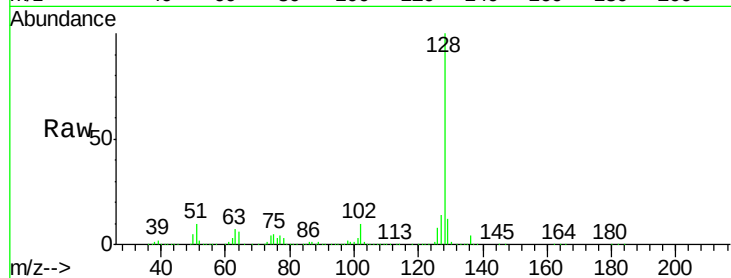
ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	128	Resp:	1484950
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.6	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 9.568 ng m

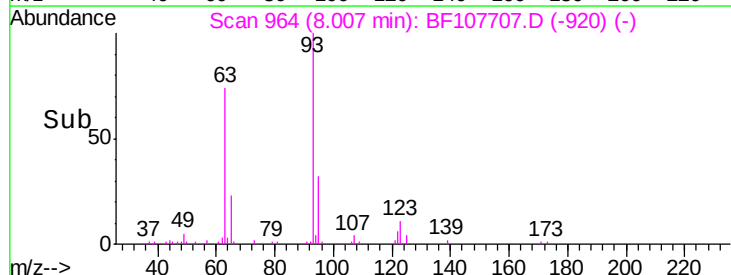
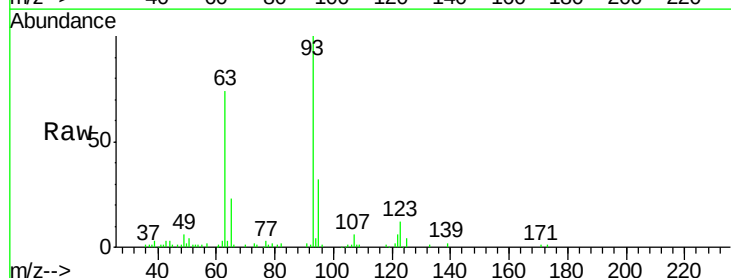
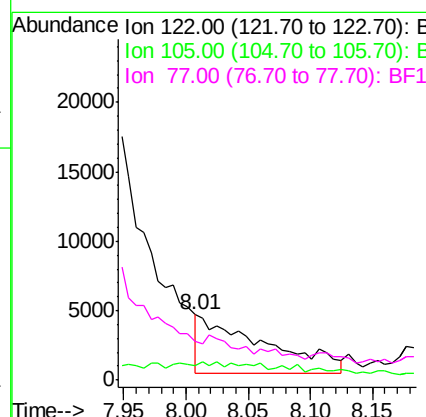
RT: 8.01 min Scan# 964

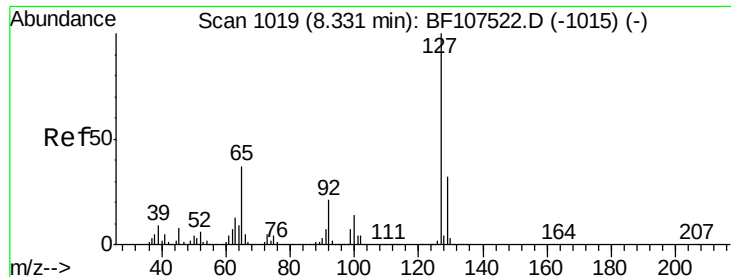
Delta R.T. -0.04 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion:	122	Resp:	15267
Ion	Ratio	Lower	Upper
122	100		
105	22.7	101.1	141.1#
77	58.8	70.7	110.7#





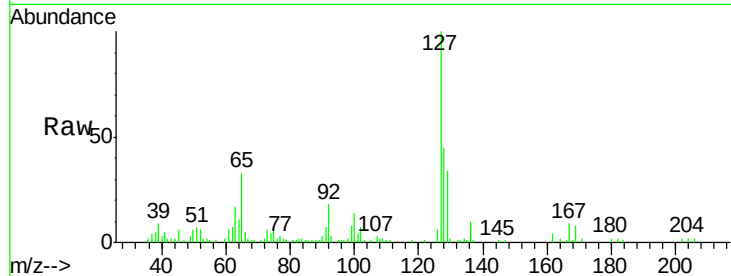
#33
4-Chloroaniline
Concen: 9.107 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	141333		
129	33.8	25.9	38.9	
65	33.3	25.0	37.4	
92	18.1	15.2	22.8	

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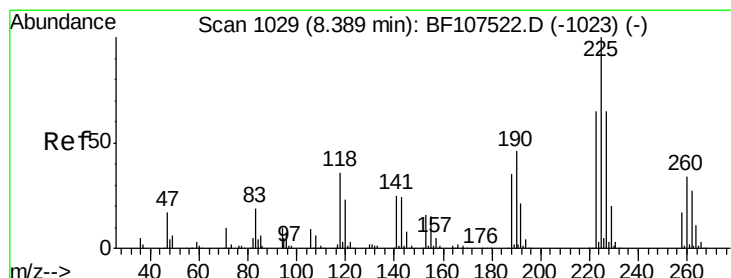
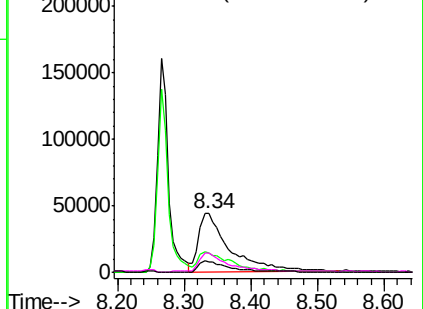
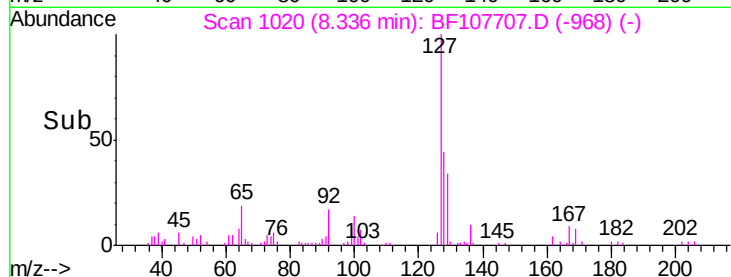
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

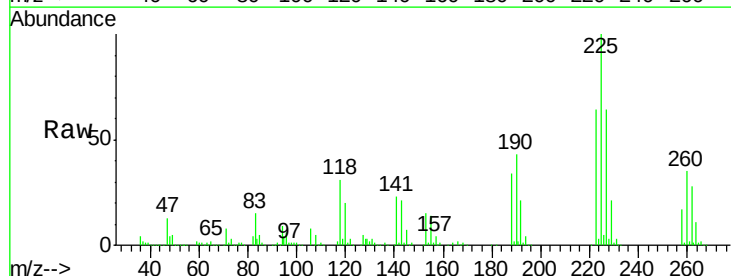
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 35.753 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	267149		
223	64.1	50.6	76.0	
227	64.3	51.9	77.9	

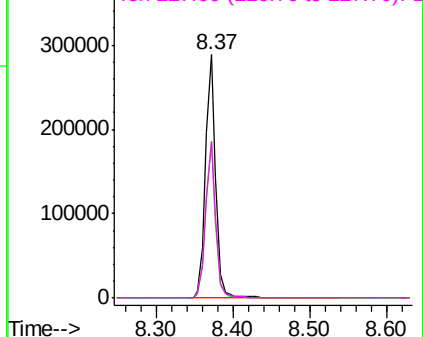
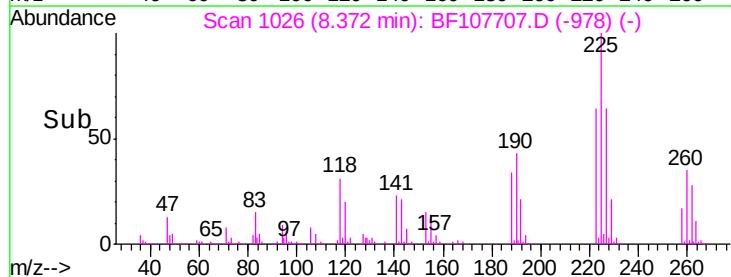


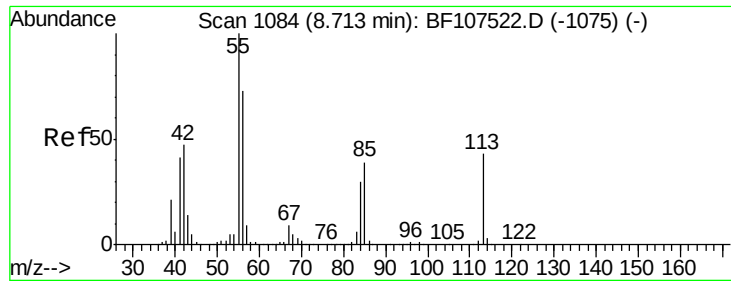
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





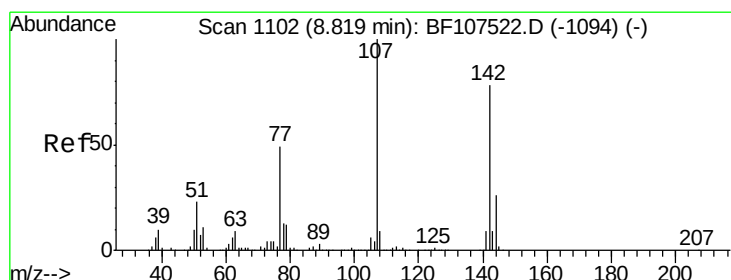
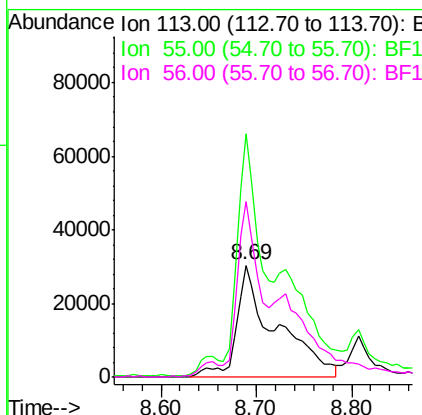
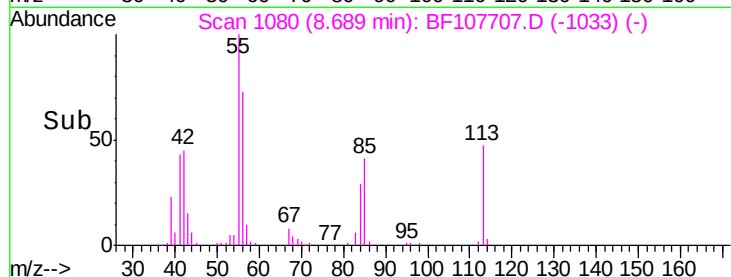
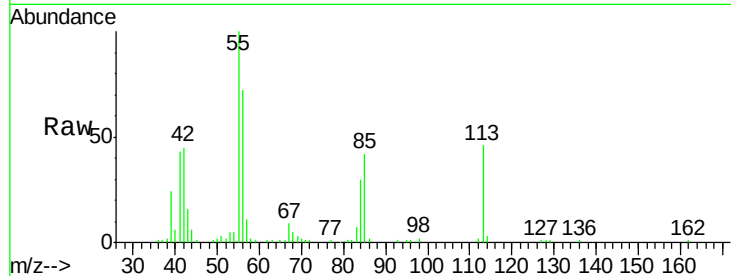
#35
 Caprolactam
 Concen: 24.242 ng m
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion:113 Resp: 88281
 Ion Ratio Lower Upper
 113 100
 55 217.2 163.3 203.3#
 56 157.3 115.7 155.7#

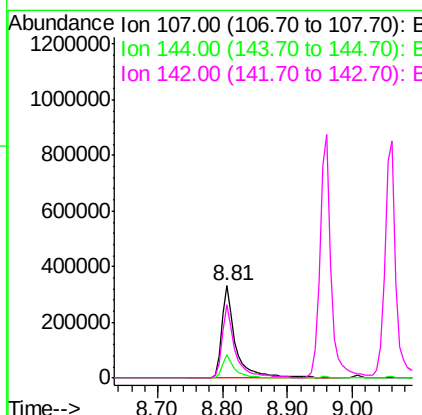
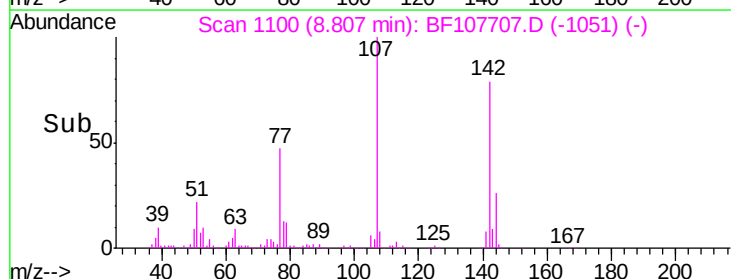
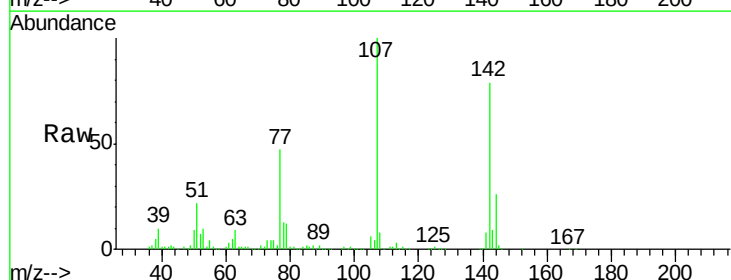
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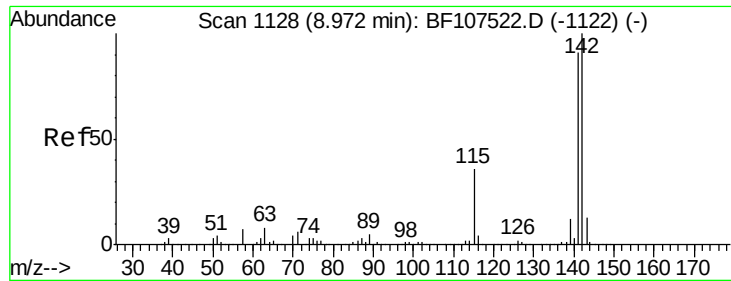
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#36
 4-Chloro-3-methylphenol
 Concen: 39.542 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion:107 Resp: 491771
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 78.9 62.0 93.0





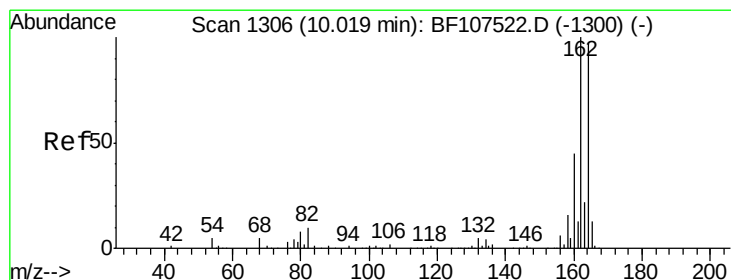
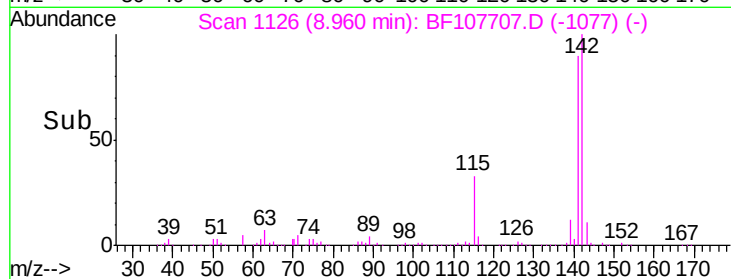
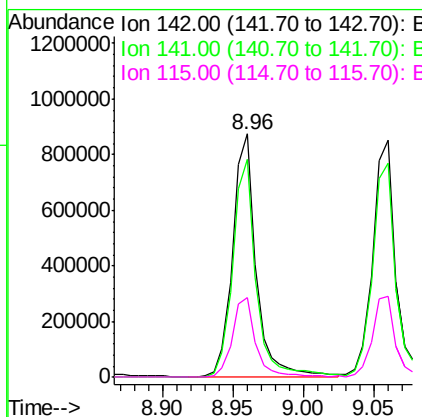
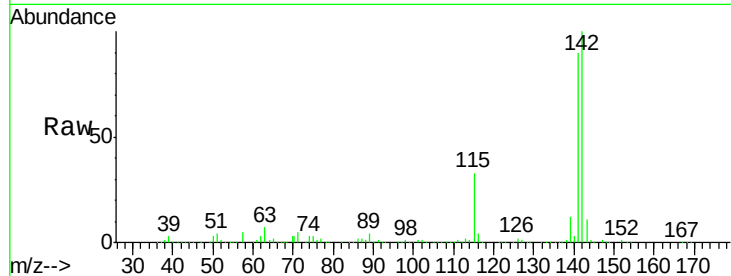
#37
2-Methylnaphthalene
Concen: 41.494 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.8	106.2
115	32.8	26.1	39.1

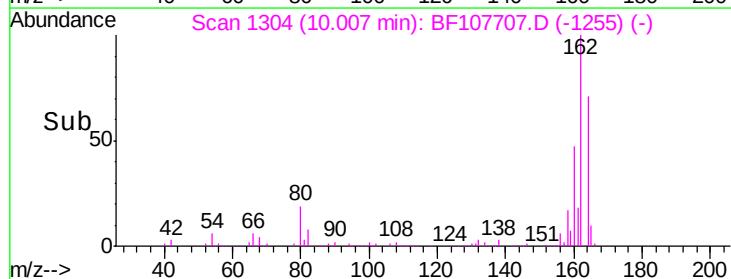
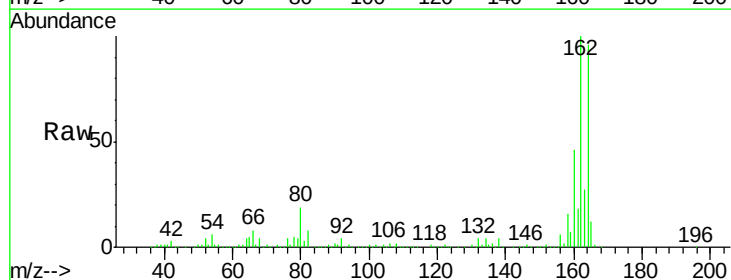
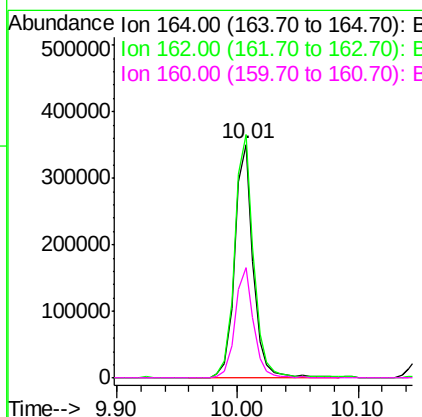
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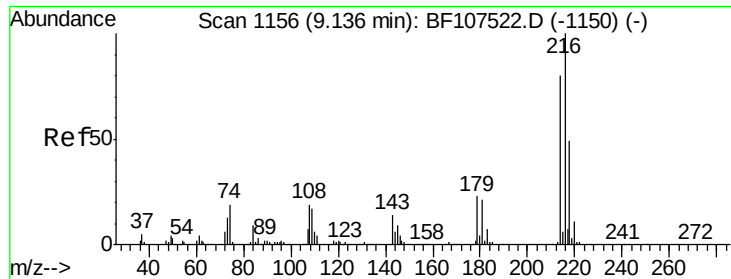
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	47.5	38.3	57.5





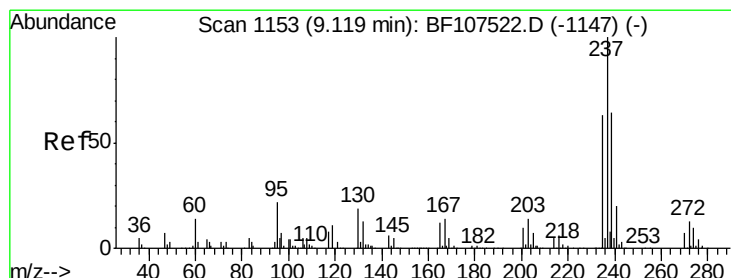
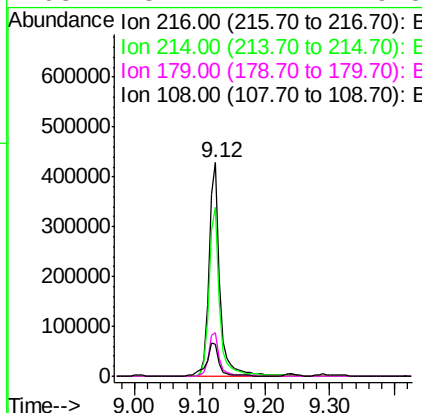
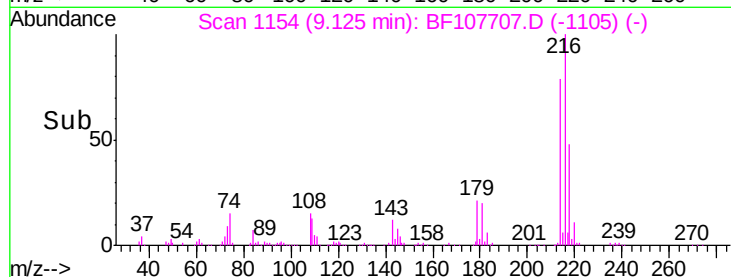
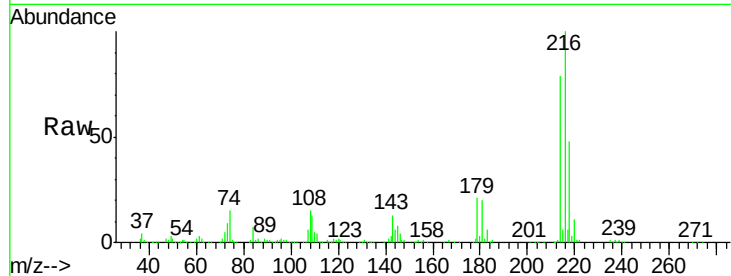
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.382 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	20.9	18.1	27.1
108	18.2	17.2	25.8

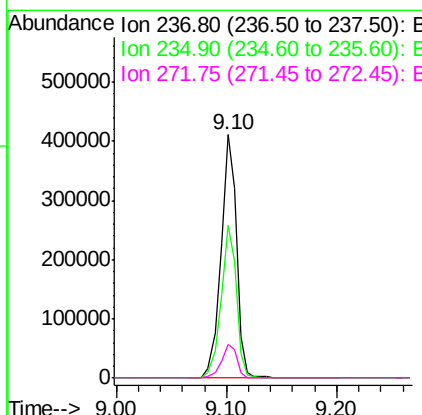
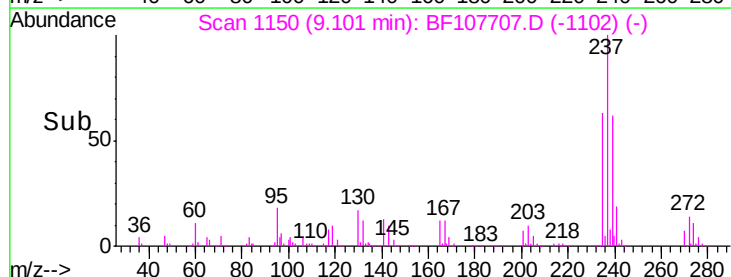
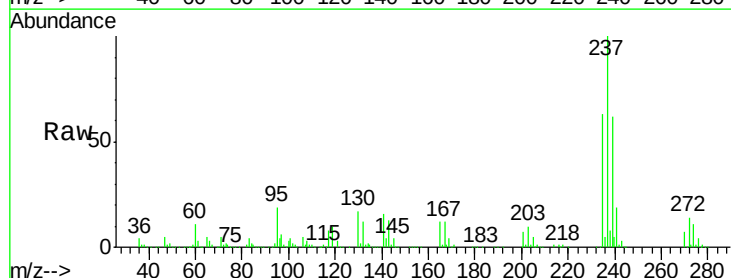
Manual Integrations
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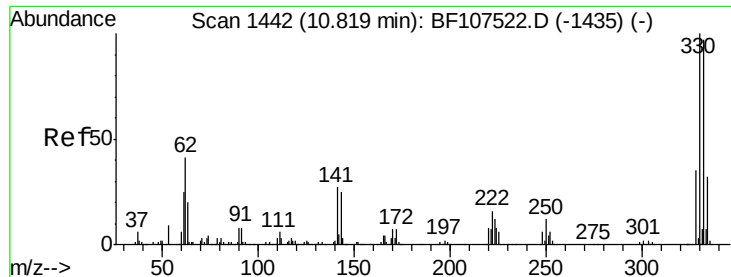
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#40
 Hexachlorocyclopentadiene
 Concen: 63.665 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.8	84.8
272	13.7	0.0	33.3





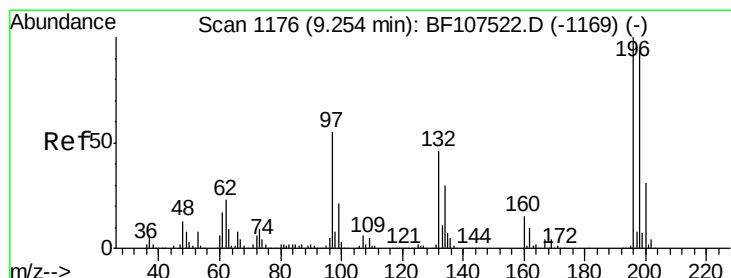
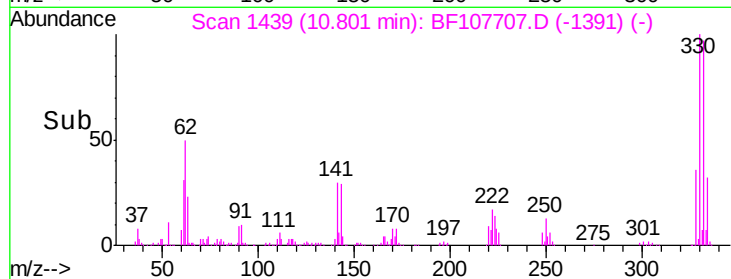
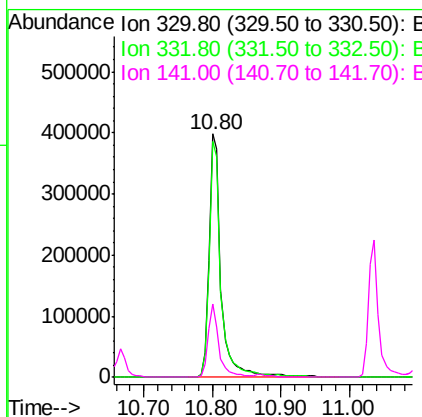
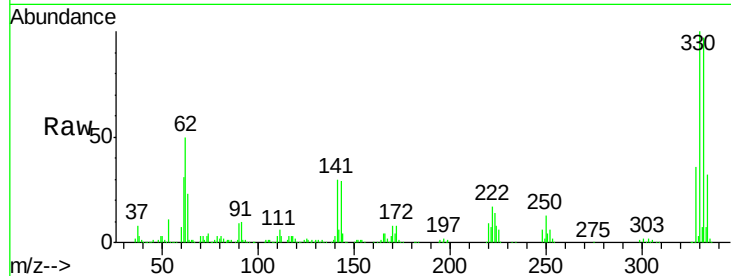
#41
 2,4,6-Tribromophenol
 Concen: 115.075 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	491643		
332	96.8	77.0	115.6	
141	27.2	29.9	44.9	

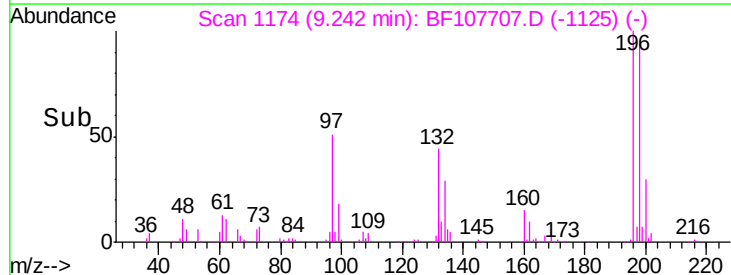
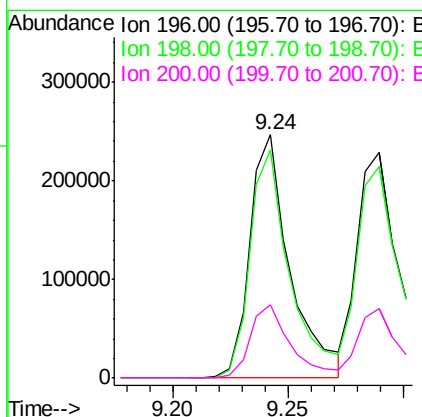
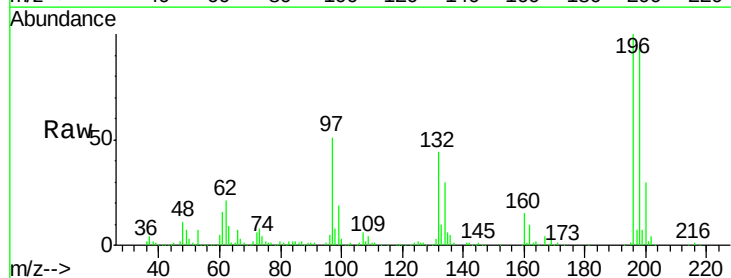
Manual Integrations
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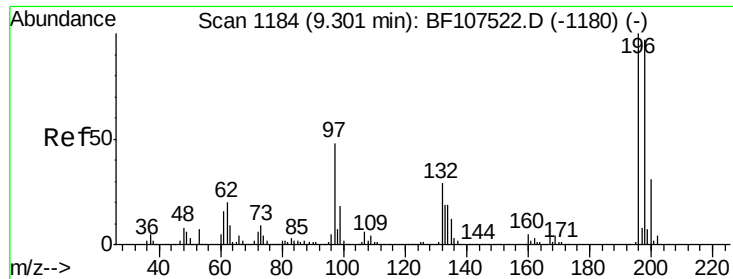
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 37.480 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300632		
198	93.9	75.7	113.5	
200	30.0	24.5	36.7	





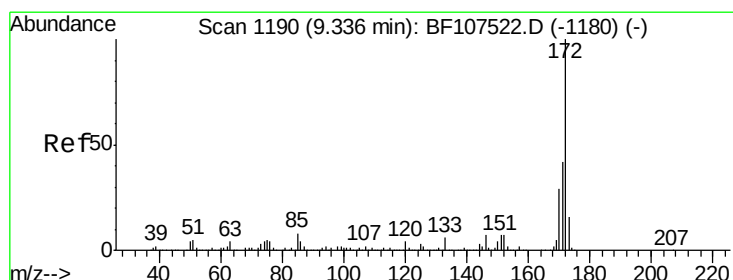
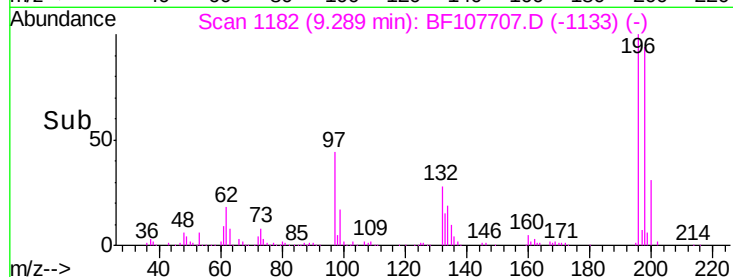
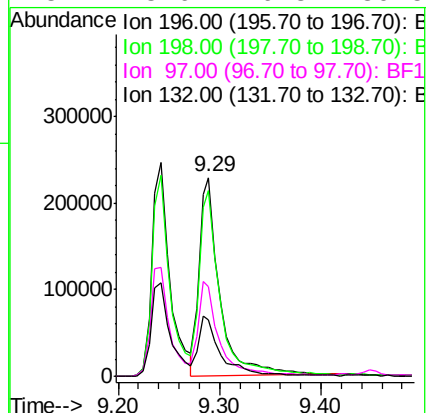
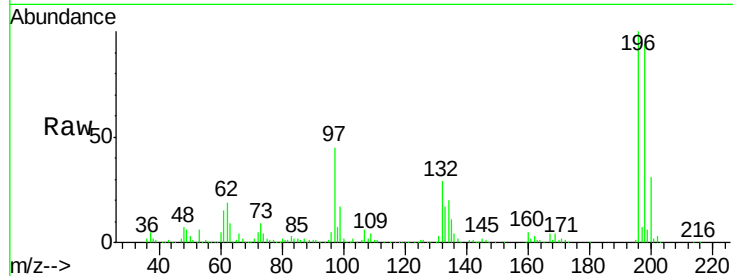
#43
 2,4,5-Trichlorophenol
 Concen: 38.221 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	320419		
198	93.6	74.6	112.0	
97	45.0	42.9	64.3	
132	28.6	26.3	39.5	

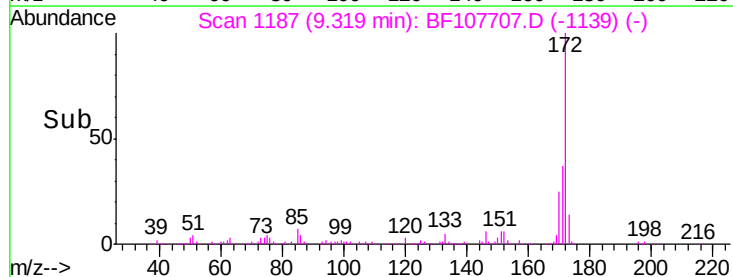
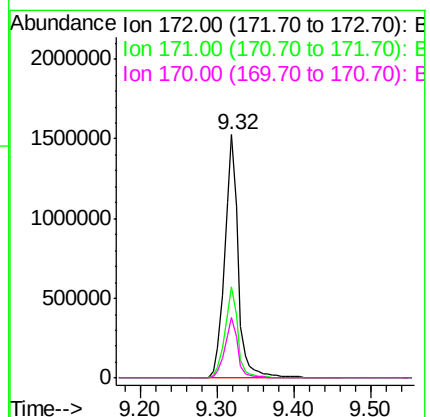
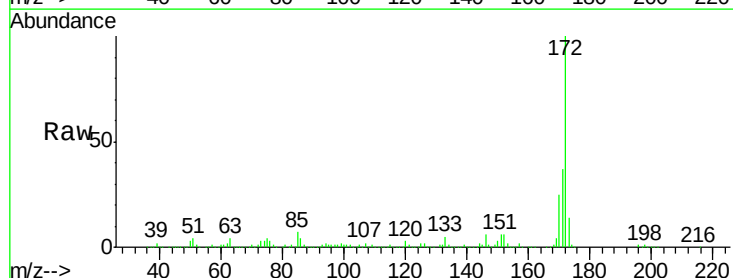
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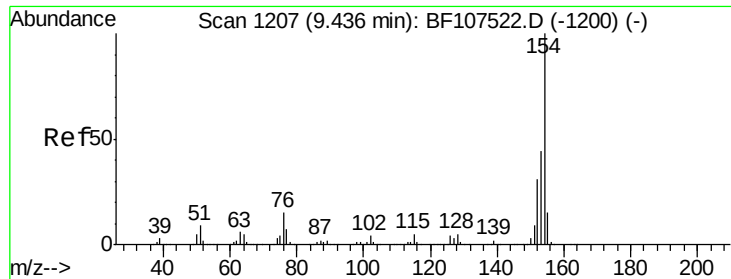
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 84.550 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1857497		
171	37.4	29.7	44.5	
170	24.7	19.6	29.4	





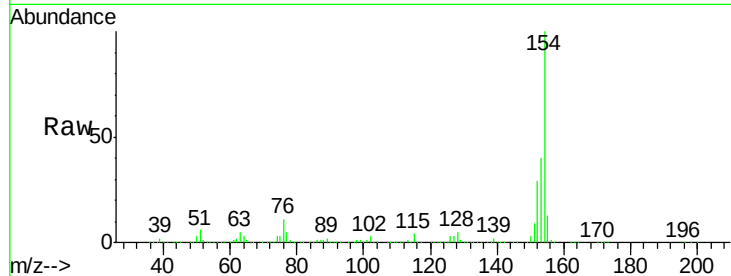
#45
 1,1'-Biphenyl
 Concen: 39.134 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

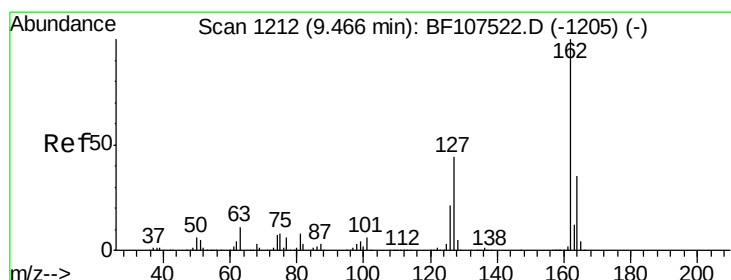
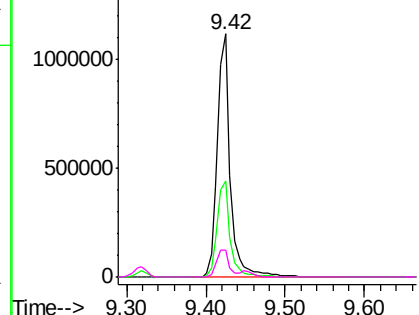
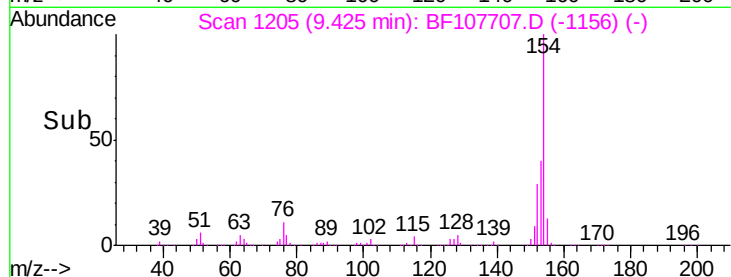
Tgt Ion:154 Resp: 1280804
 Ion Ratio Lower Upper
 154 100
 153 39.8 21.3 61.3
 76 11.3 0.0 34.0

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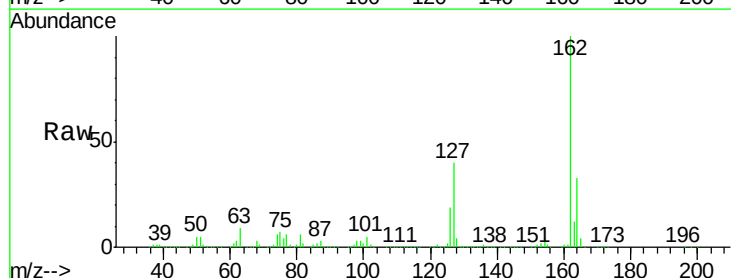


Abundance Ion 154.00 (153.70 to 154.70): E
 1500000
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

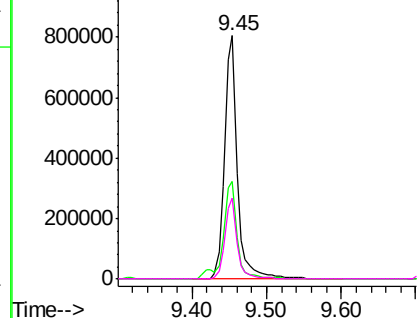
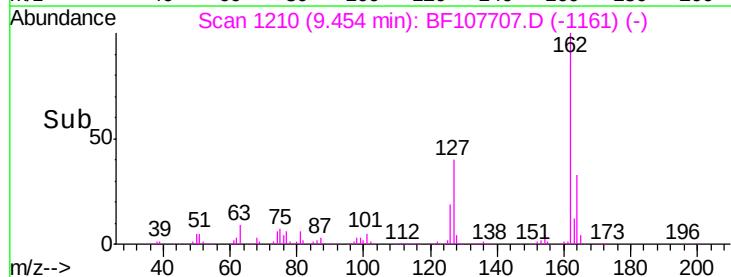


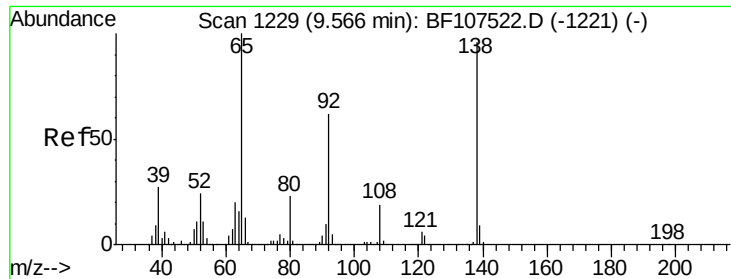
#46
 2-Chloronaphthalene
 Concen: 38.043 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion:162 Resp: 951706
 Ion Ratio Lower Upper
 162 100
 127 40.2 33.9 50.9
 164 33.1 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 1000000
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.716 ng

RT: 9.55 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion: 65 Resp: 326125
Ion Ratio Lower Upper

65 100

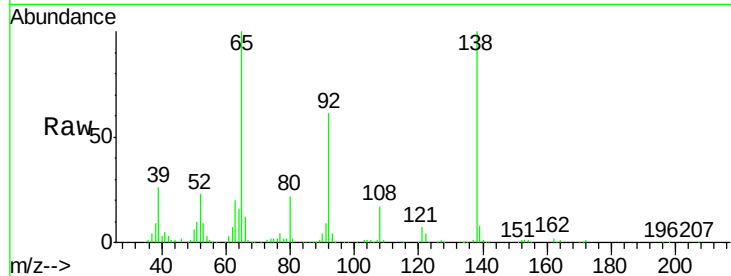
92 61.0 55.8 83.6

138 99.6 91.2 136.8

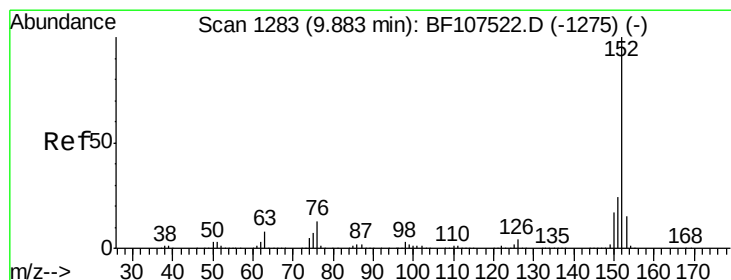
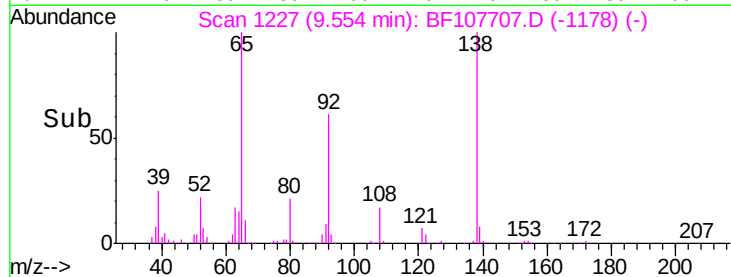
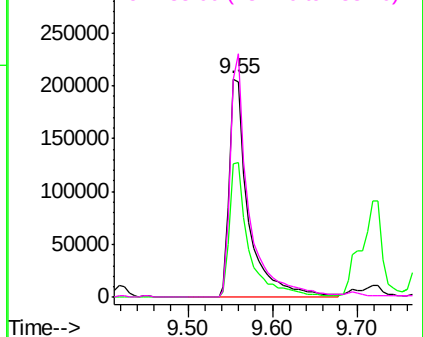
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Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 40.799 ng

RT: 9.87 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF107707.D

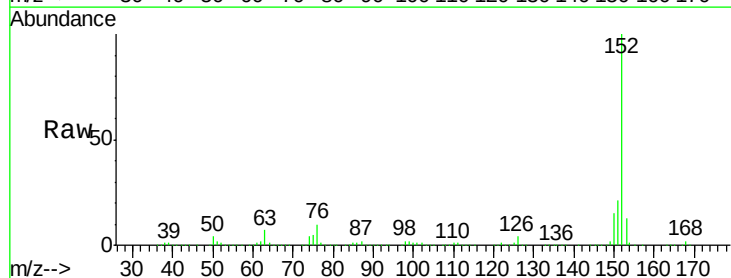
Acq: 26 Jul 2018 18:38

Tgt Ion: 152 Resp: 1533230
Ion Ratio Lower Upper

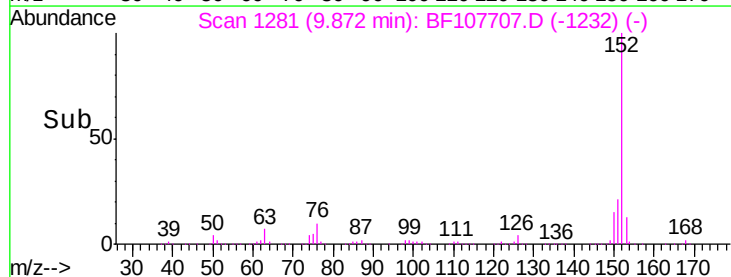
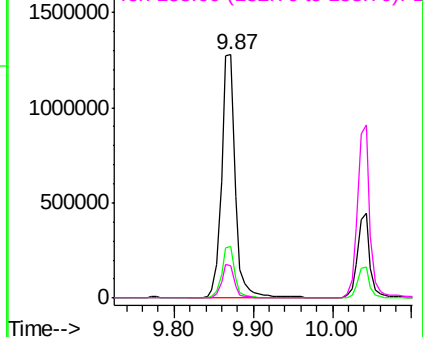
152 100

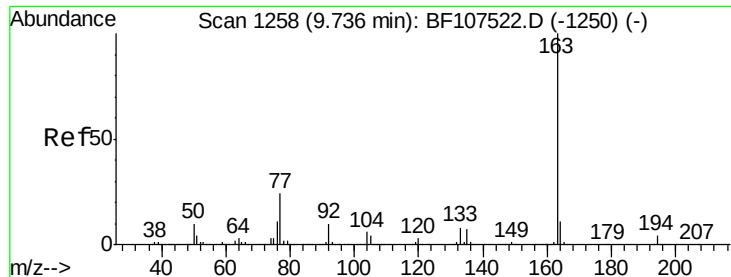
151 21.1 16.3 24.5

153 13.4 10.7 16.1



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





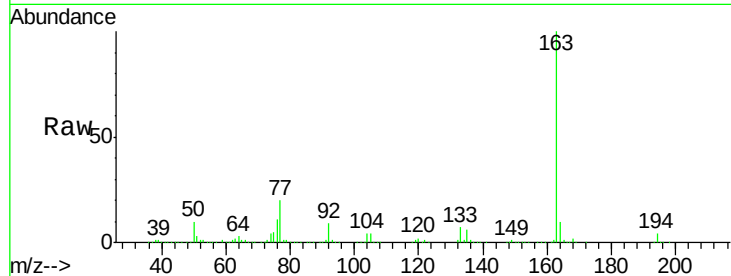
#49
Dimethylphthalate
Concen: 43.712 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

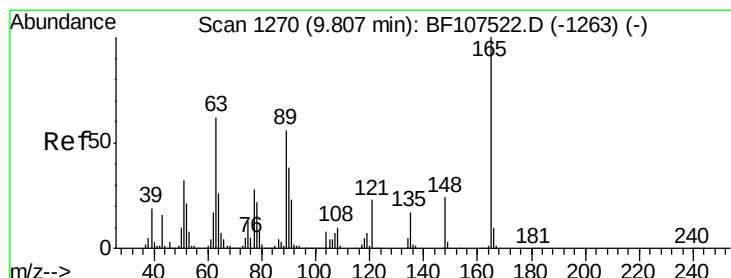
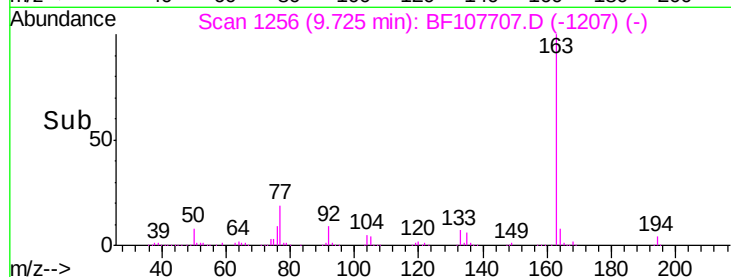
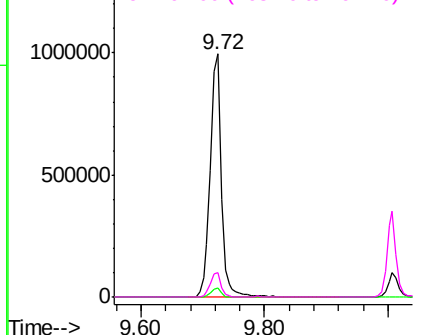
Tgt Ion:163 Resp: 1237741
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.2 8.2 12.2

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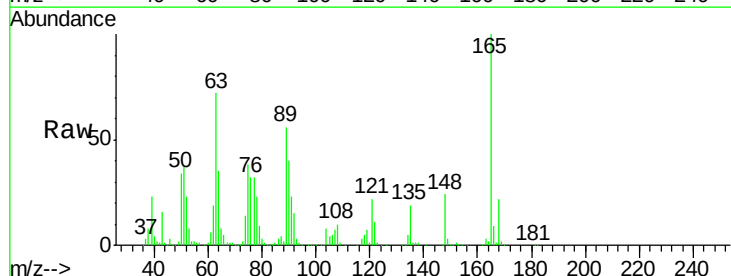


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

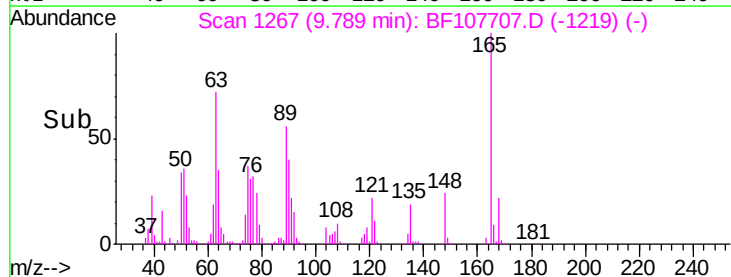
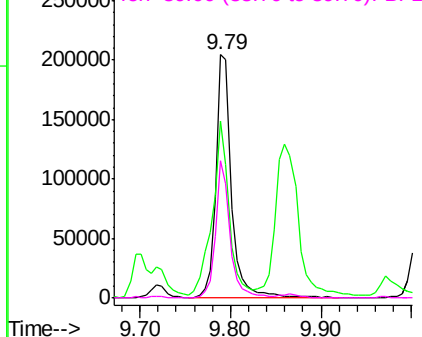


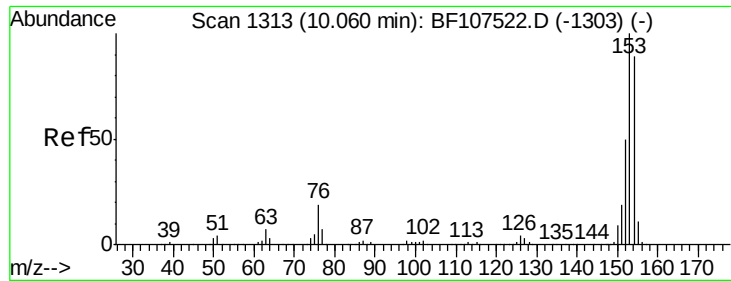
#50
2,6-Dinitrotoluene
Concen: 43.136 ng
RT: 9.79 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion:165 Resp: 242505
Ion Ratio Lower Upper
165 100
63 72.5 44.7 67.1#
89 56.5 44.0 66.0



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





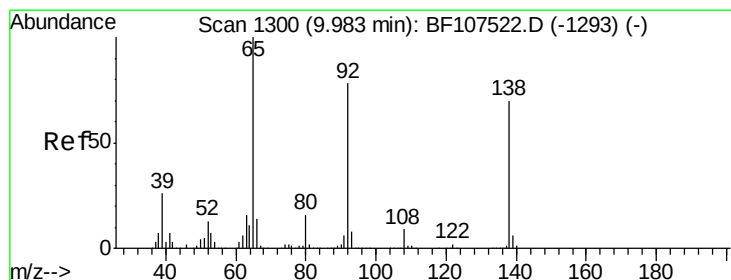
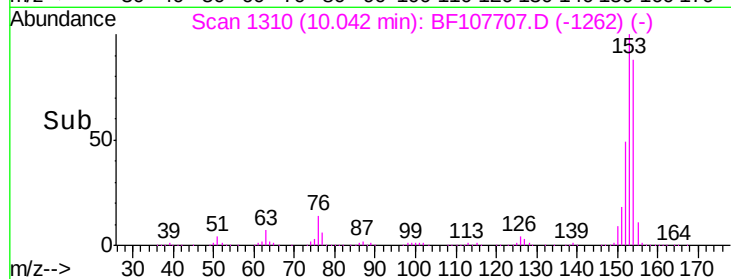
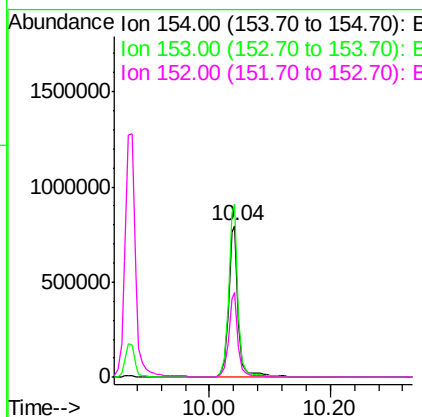
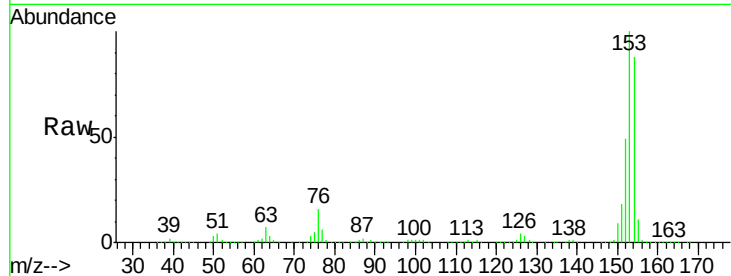
#51
Acenaphthene
Concen: 38.778 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	913055		
153	113.6	91.2	136.8	
152	55.6	43.8	65.8	

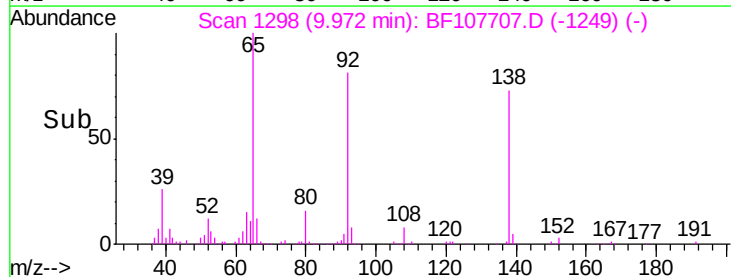
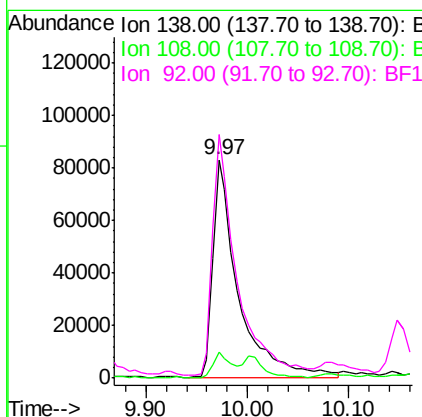
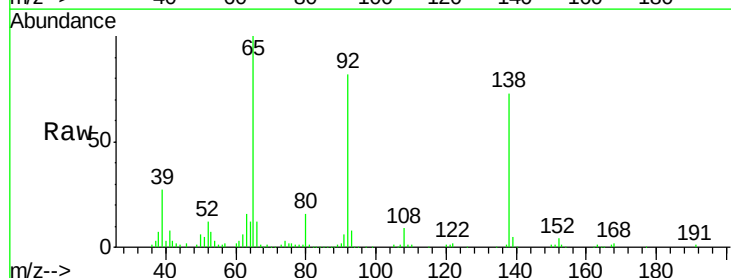
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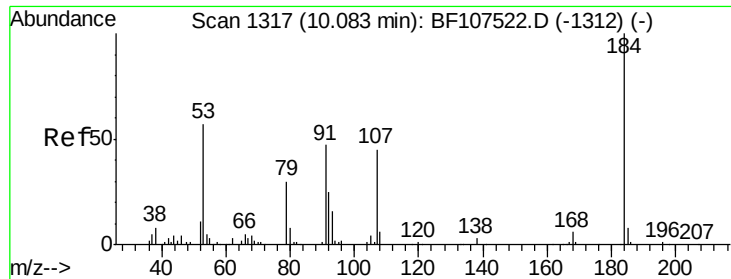
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#52
3-Nitroaniline
Concen: 20.897 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	142917		
108	12.1	9.4	14.0	
92	111.5	89.4	134.2	





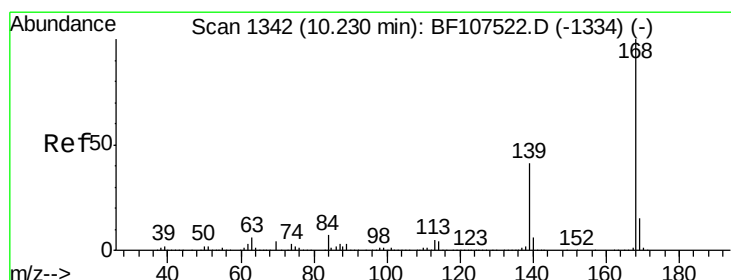
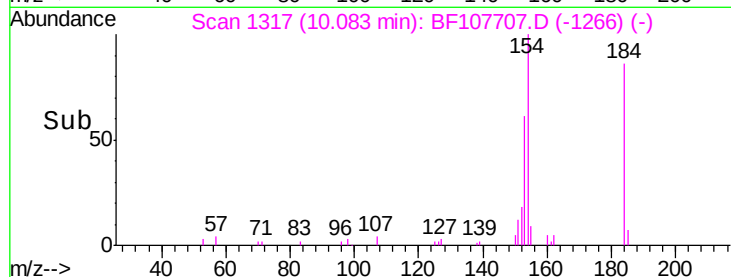
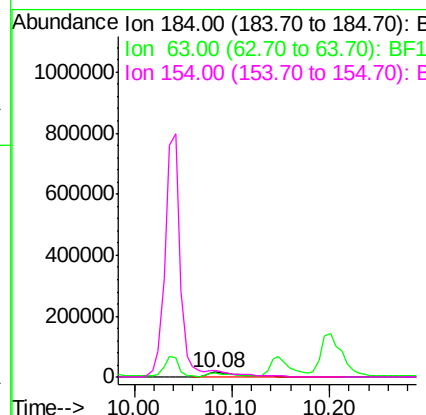
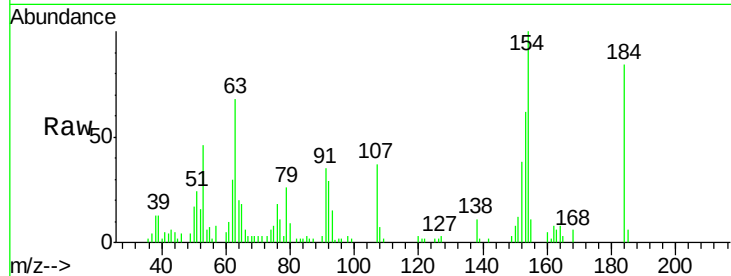
#53
2,4-Dinitrophenol
Concen: 28.301 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.6	54.2	81.2
154	119.1	184.0	276.0#

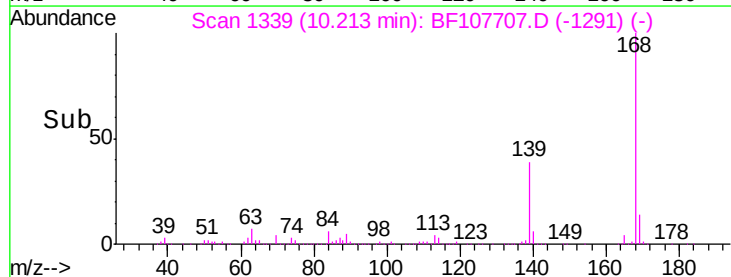
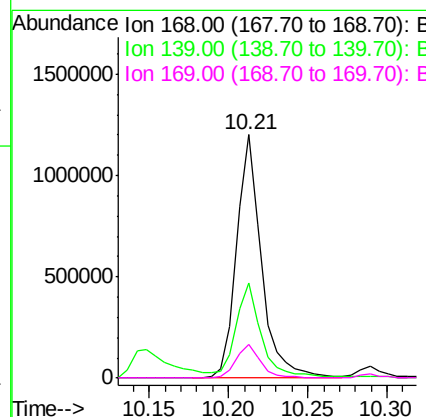
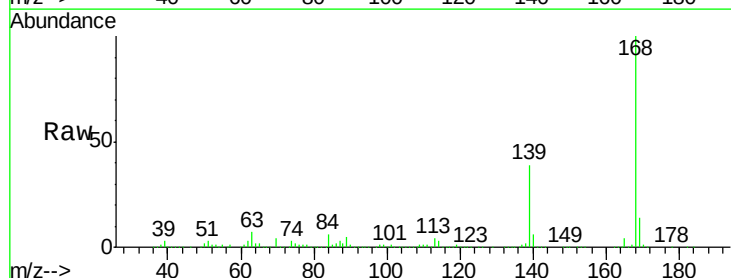
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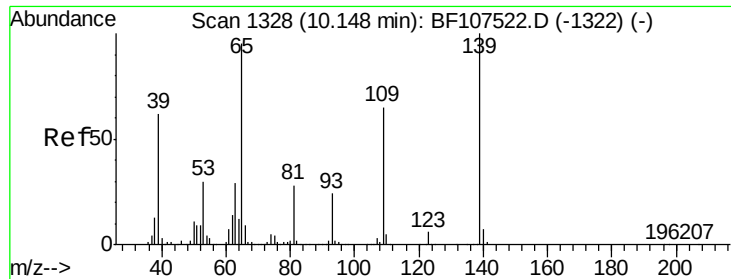
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#54
Dibenzofuran
Concen: 37.746 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	13.9	10.9	16.3





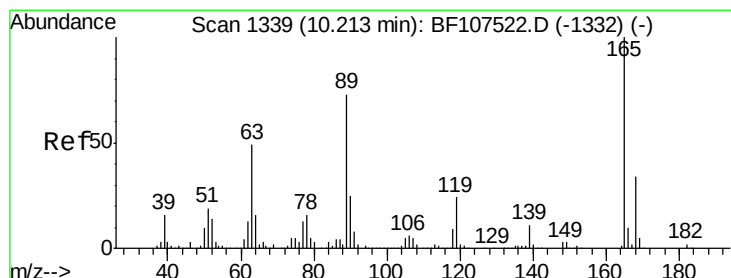
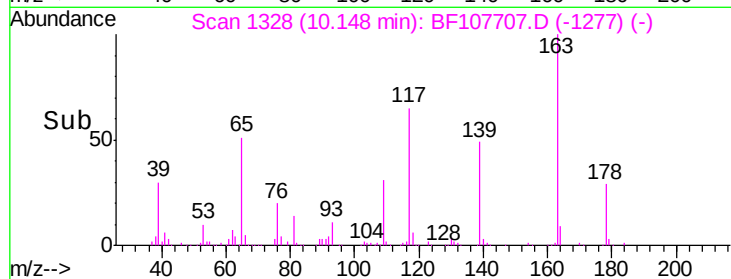
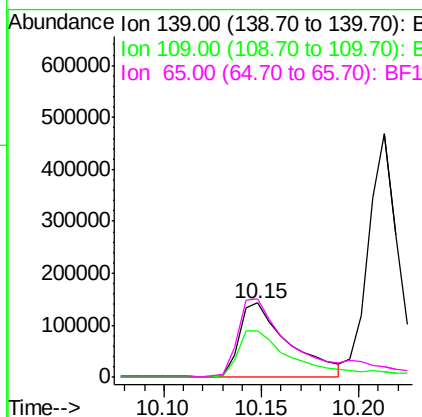
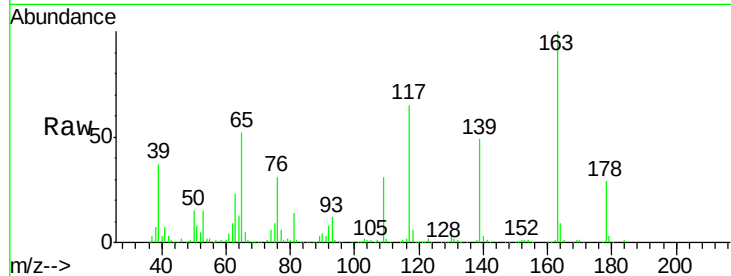
#55
4-Nitrophenol
Concen: 48.905 ng
RT: 10.15 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	250421		
109	63.6	48.4	88.4	
65	105.8	72.6	112.6	

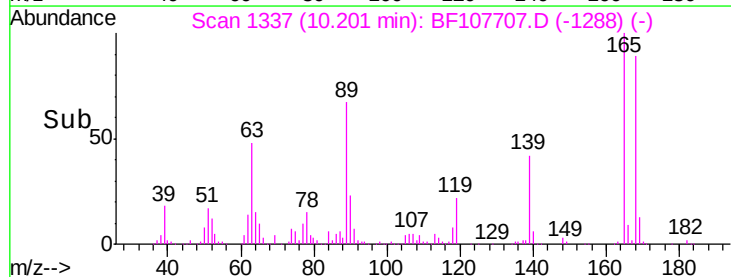
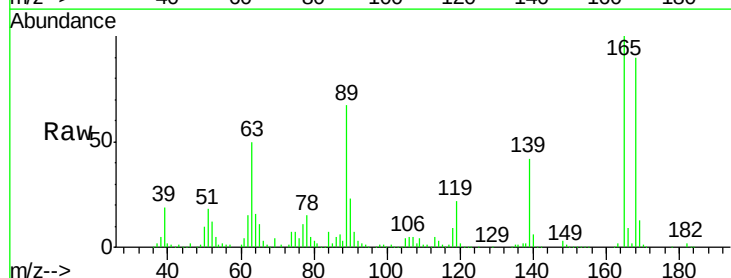
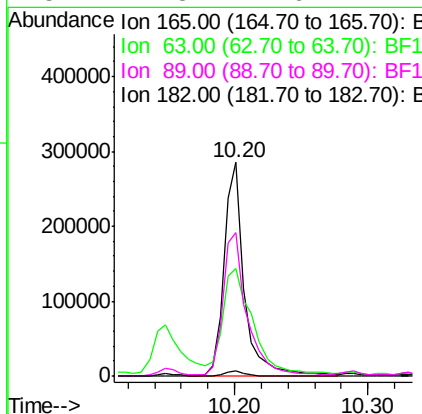
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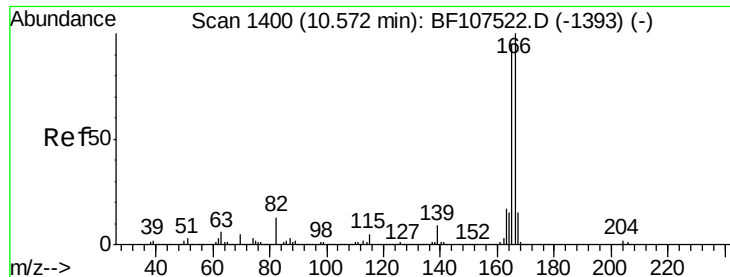
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#56
2,4-Dinitrotoluene
Concen: 44.411 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	301377		
63	50.4	36.4	54.6	
89	67.3	57.8	86.6	
182	2.3	1.6	2.4	





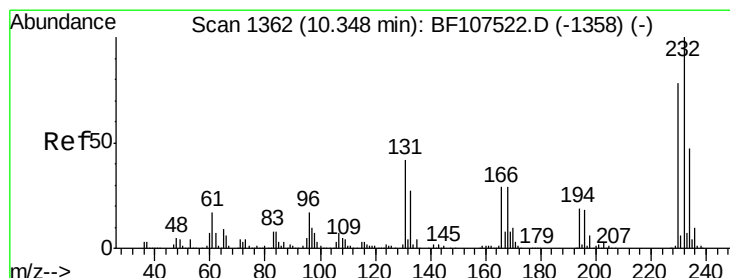
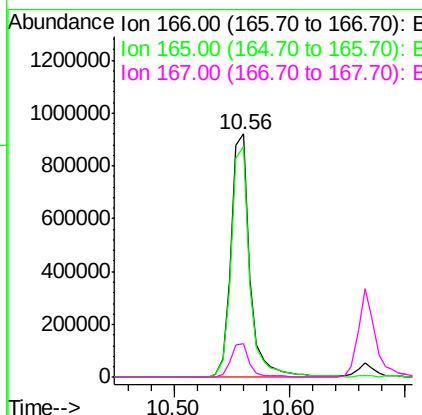
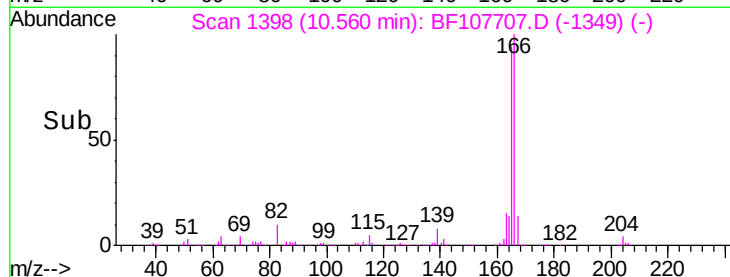
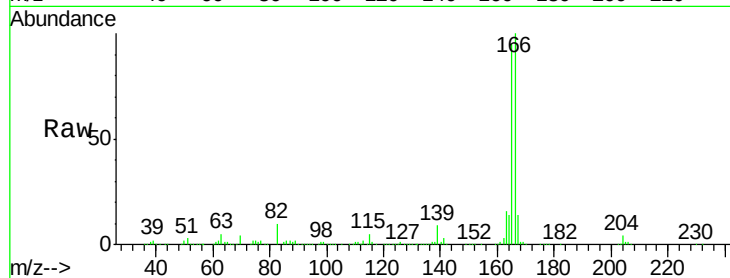
#57
 Fluorene
 Concen: 42.240 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion:166 Resp: 1044604
 Ion Ratio Lower Upper
 166 100
 165 94.6 79.8 119.8
 167 13.8 10.6 16.0

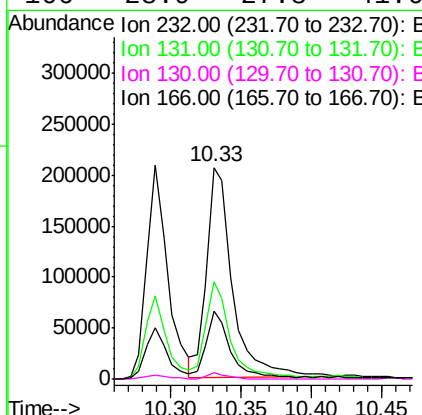
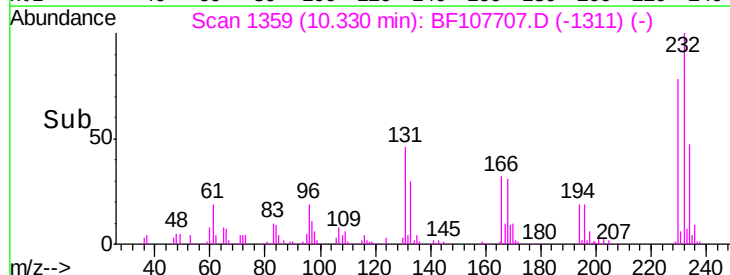
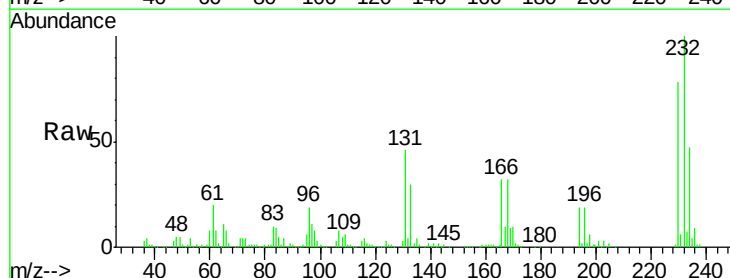
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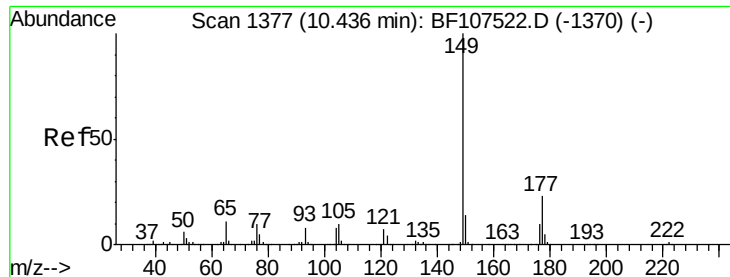
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.696 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion:232 Resp: 263002
 Ion Ratio Lower Upper
 232 100
 131 45.3 43.8 65.8
 130 2.4 2.1 3.1
 166 28.9 27.8 41.6





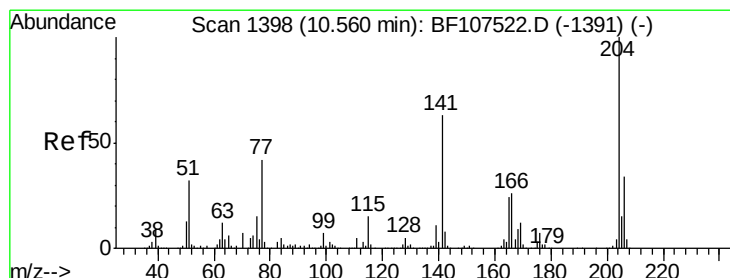
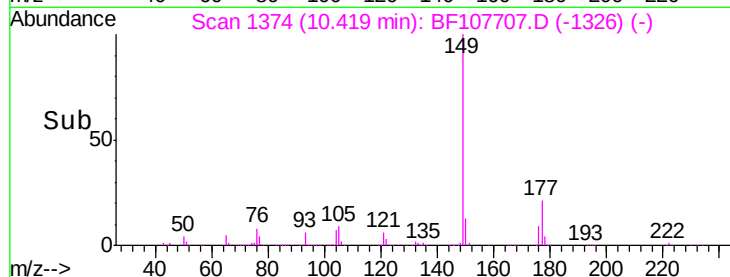
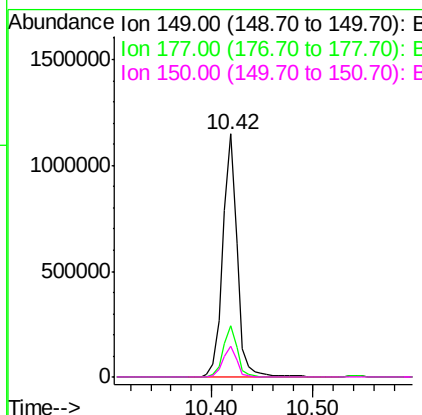
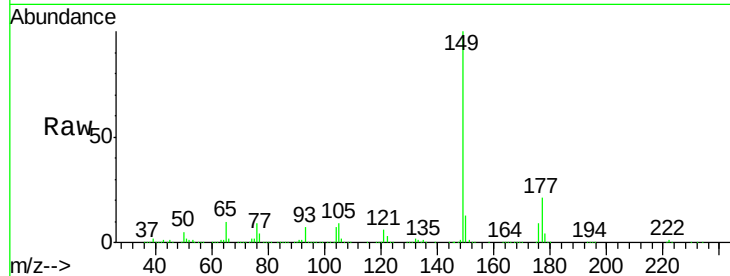
#59
Diethylphthalate
Concen: 38.479 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.7	10.1	15.1

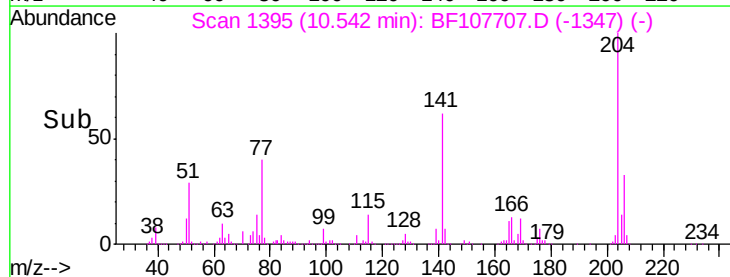
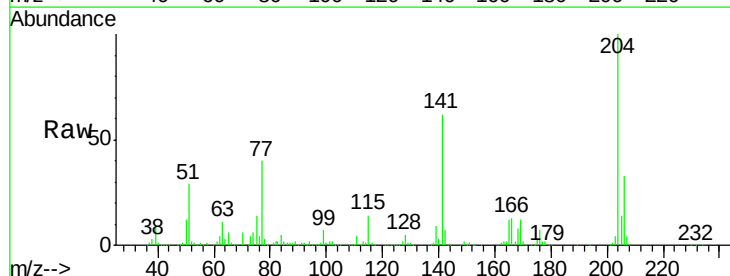
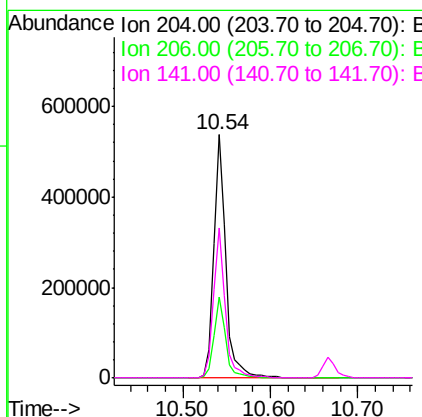
Manual Integrations
APPROVED

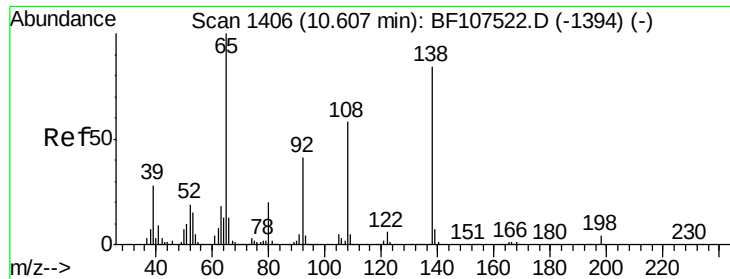
Sohil
7/27/2018 2:53:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.217 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	61.8	54.6	81.8





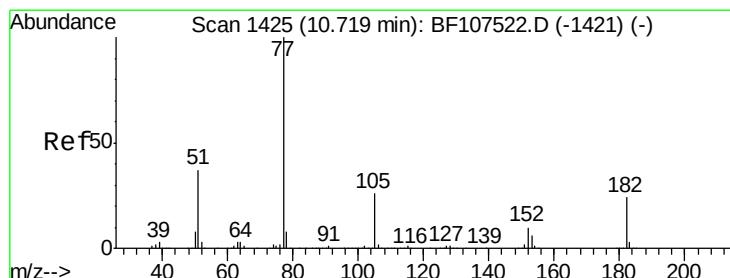
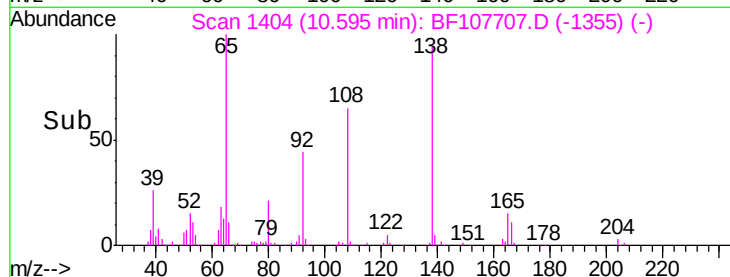
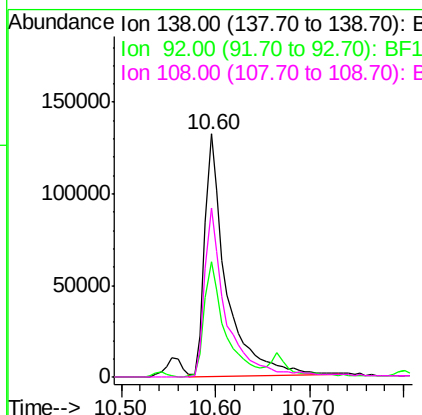
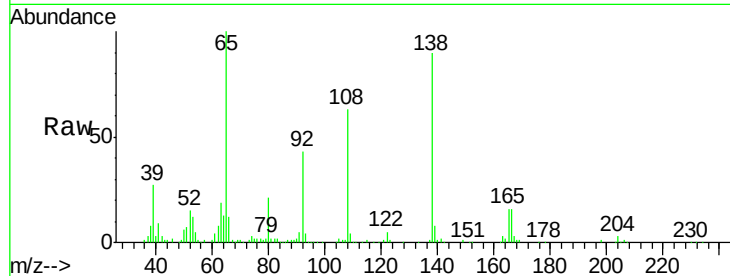
#61
4-Nitroaniline
Concen: 36.867 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	30.2	70.2
108	69.5	52.5	92.5

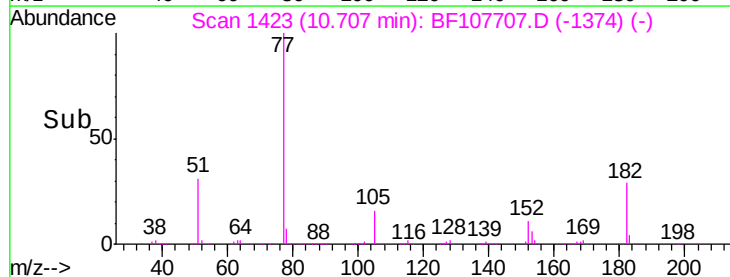
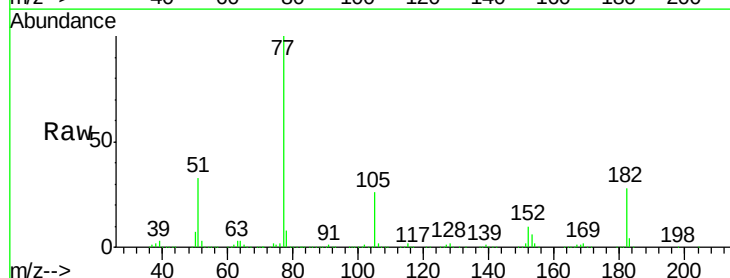
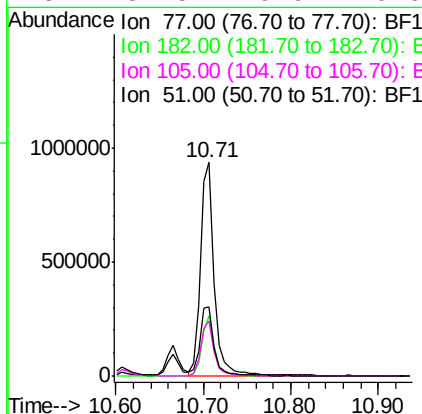
Manual Integrations
APPROVED

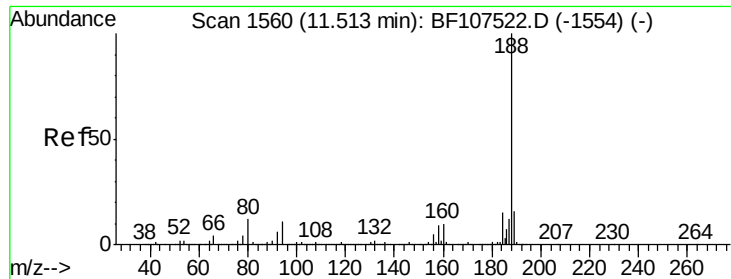
Sohil
7/27/2018 2:53:51 PM



#62
Azobenzene
Concen: 36.669 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	1.7	41.7
105	25.8	3.0	43.0
51	32.5	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

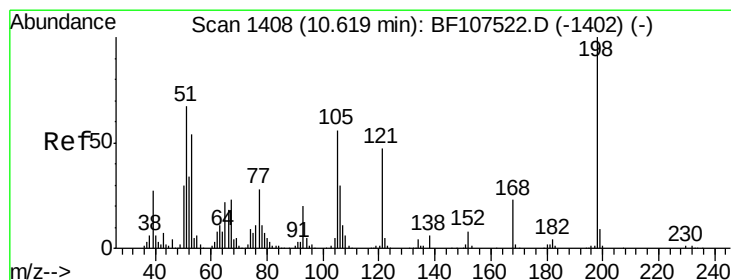
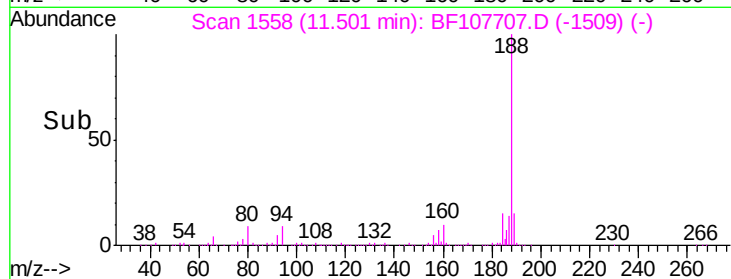
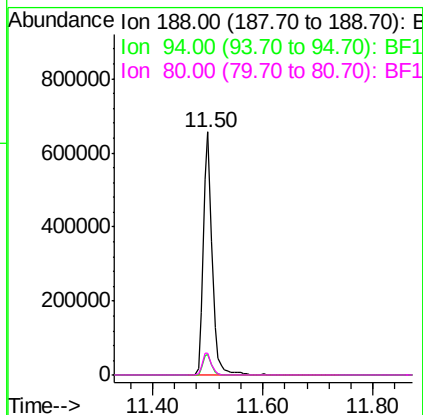
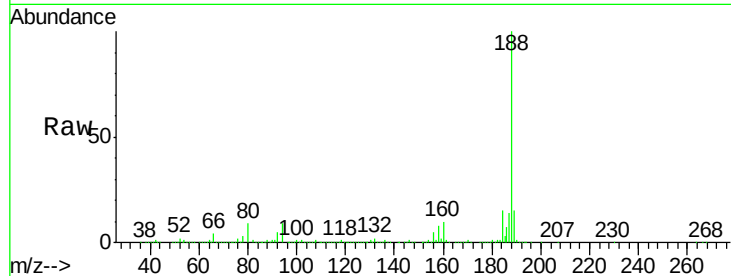
ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	188	Resp:	720836
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.1	9.2	13.8#

Manual Integrations
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Sohil
7/27/2018 2:53:51 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 27.924 ng

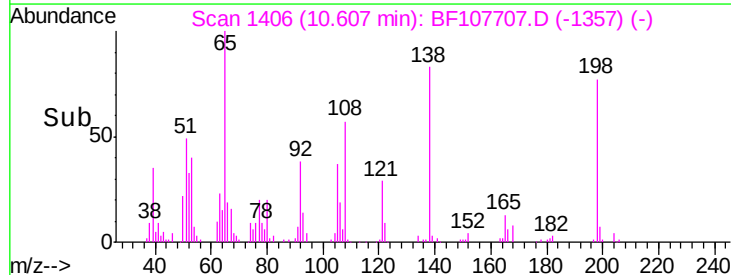
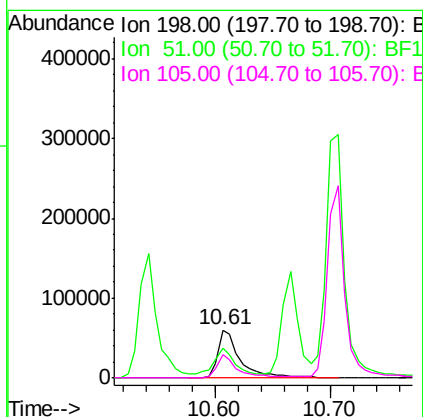
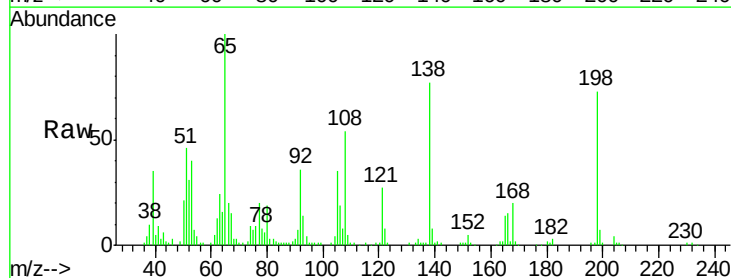
RT: 10.61 min Scan# 1406

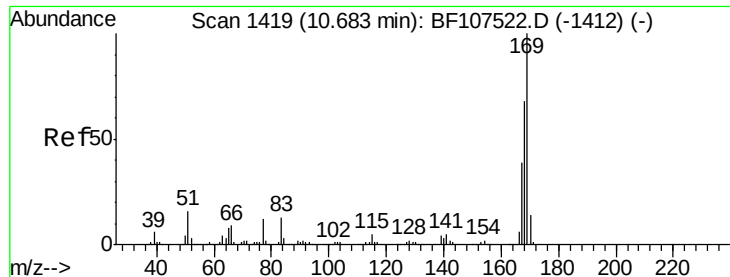
Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion:	198	Resp:	81749
Ion Ratio	Lower	Upper	
198	100		
51	63.0	37.7	77.7
105	47.4	36.3	76.3





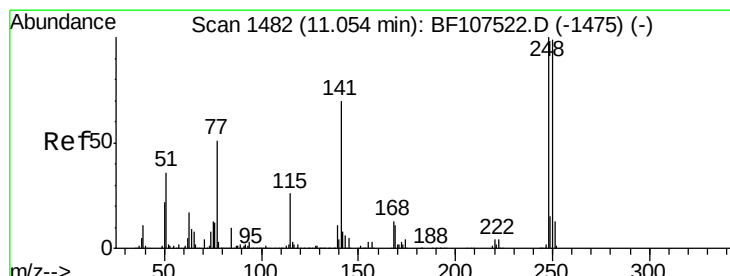
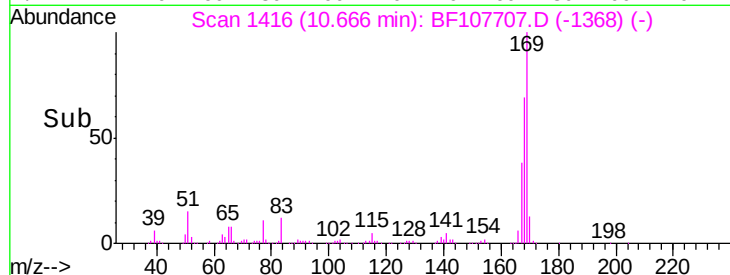
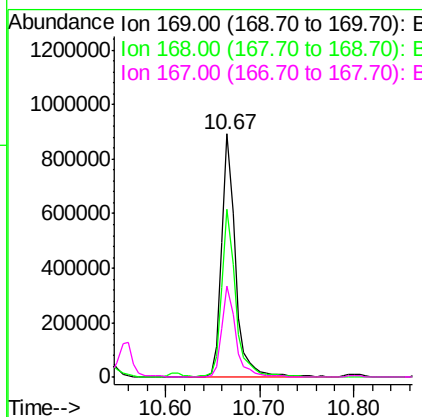
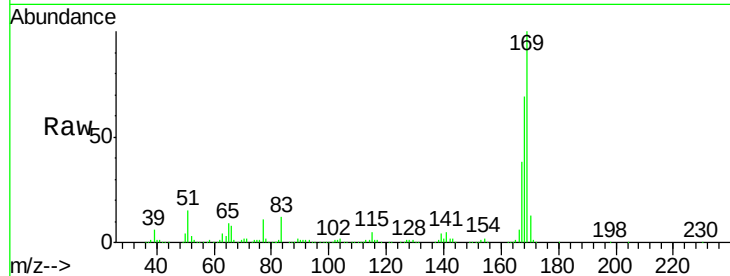
#65
n-Nitrosodiphenylamine
Concen: 37.876 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	927259		
168	69.0	54.4	81.6	
167	37.8	29.8	44.6	

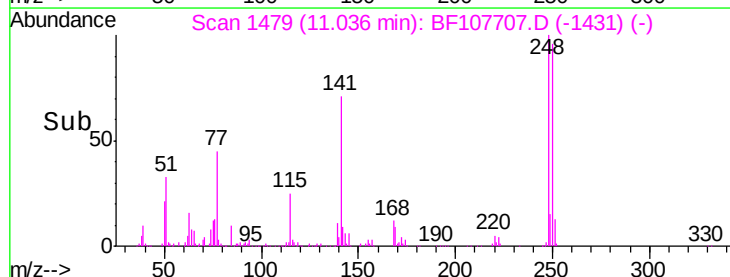
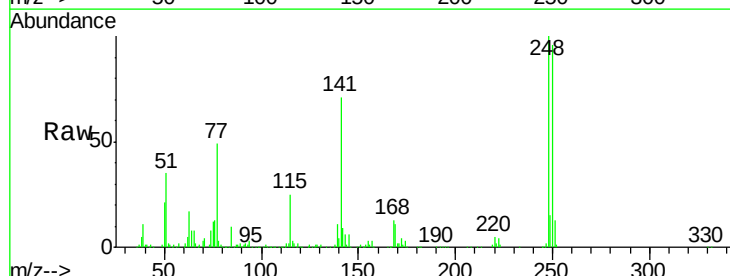
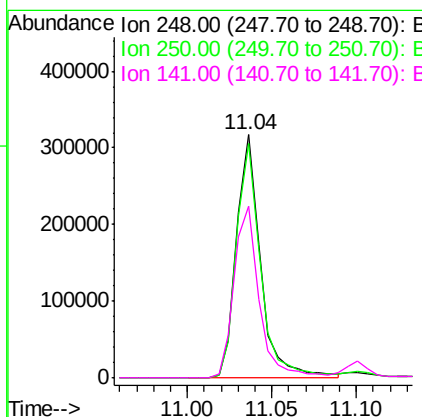
Manual Integrations
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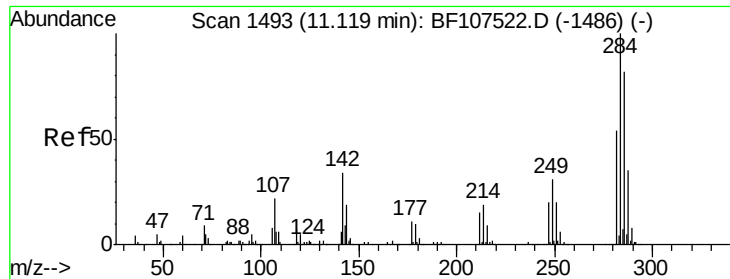
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 37.332 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	316776		
250	96.5	76.9	115.3	
141	70.8	74.4	111.6	





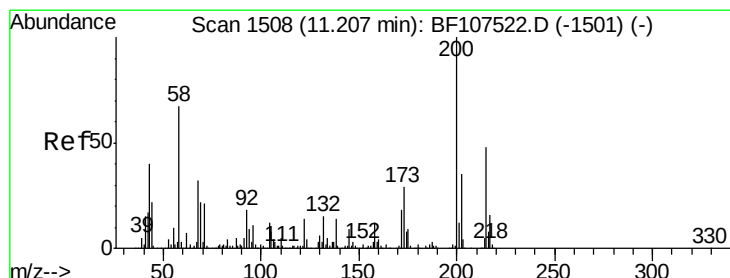
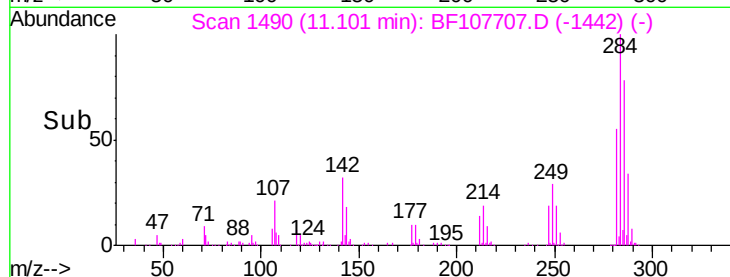
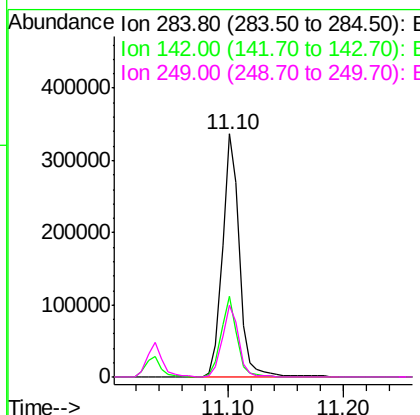
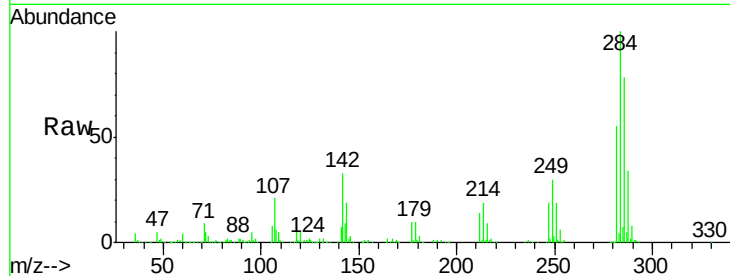
#67
Hexachlorobenzene
Concen: 36.985 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	345311		
142	33.4	34.6	52.0#	
249	29.6	24.8	37.2	

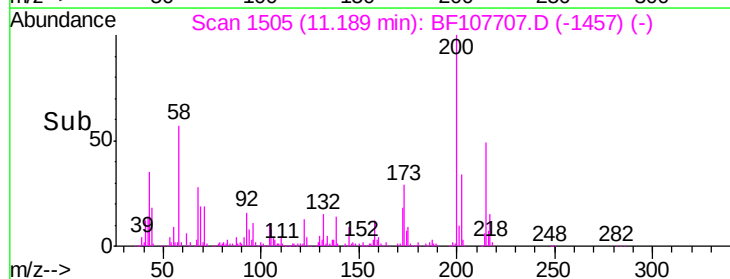
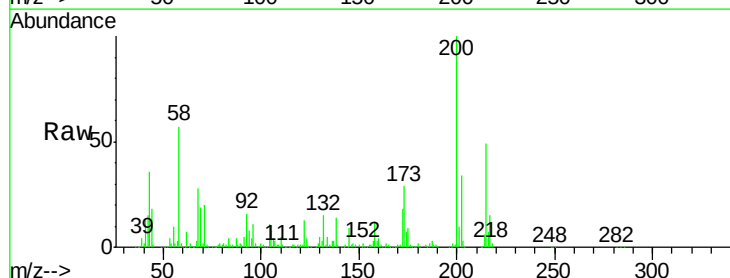
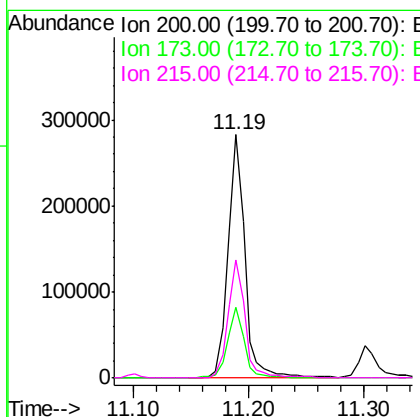
Manual Integrations
APPROVED

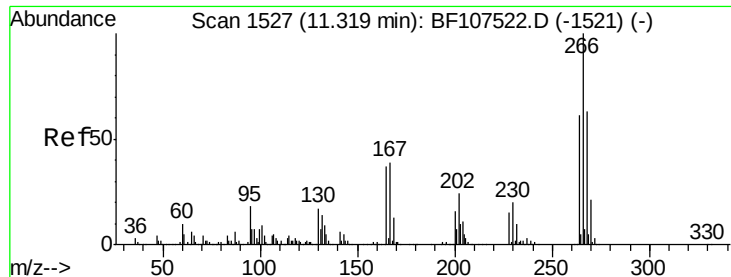
Sohil
7/27/2018 2:53:51 PM



#68
Atrazine
Concen: 38.631 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	288756		
173	29.0	8.6	48.6	
215	48.6	25.1	65.1	





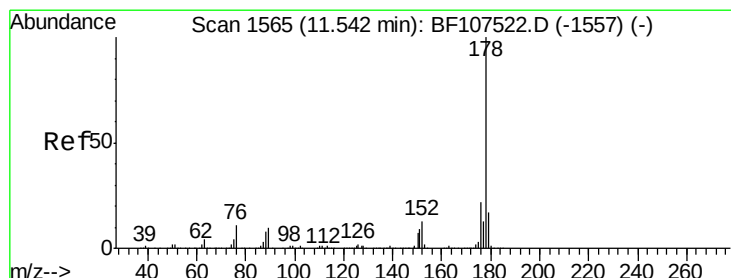
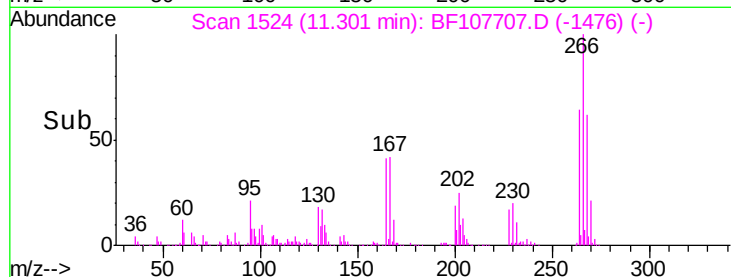
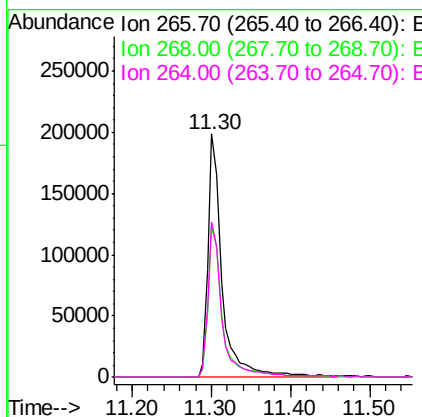
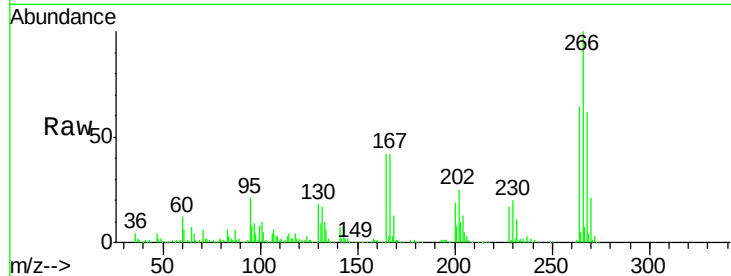
#69
 Pentachlorophenol
 Concen: 42.834 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	249800		
268	62.1	51.1	76.7	
264	63.6	49.5	74.3	

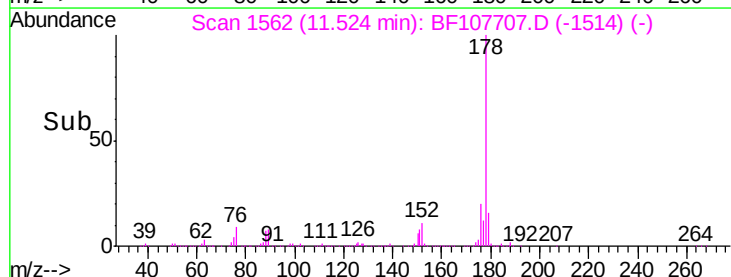
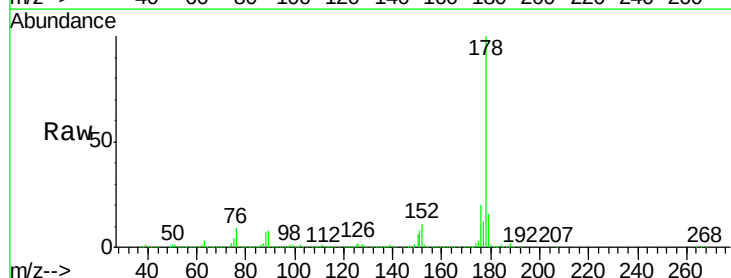
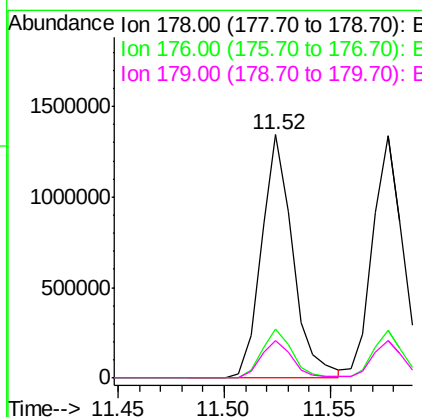
Manual Integrations
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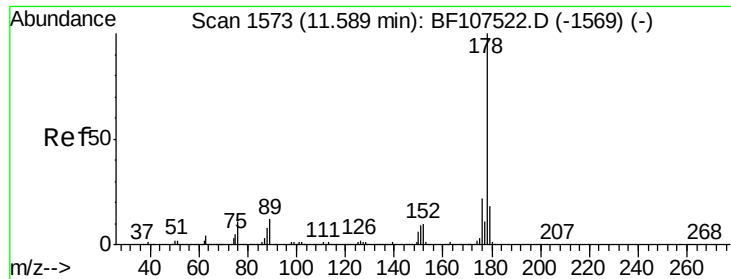
Sohil
 7/27/2018 2:53:51 PM



#70
 Phenanthrene
 Concen: 39.589 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1390636		
176	20.1	15.8	23.8	
179	15.7	13.0	19.6	





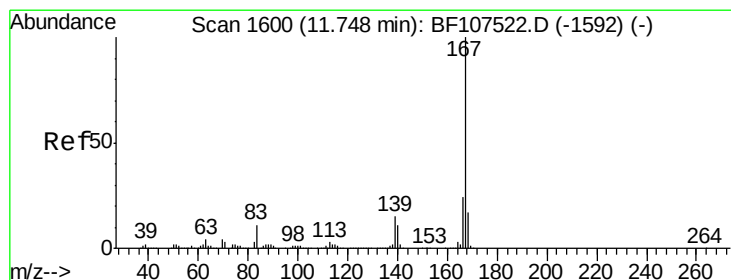
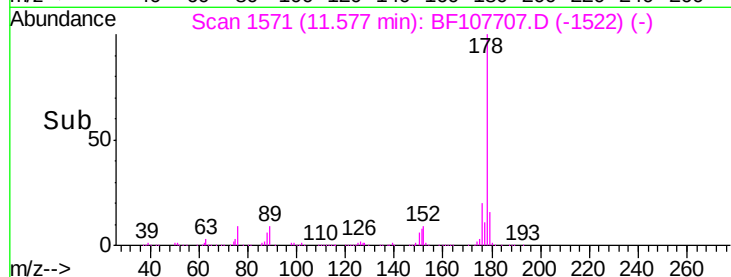
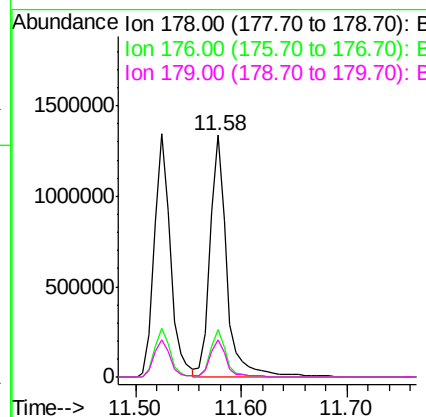
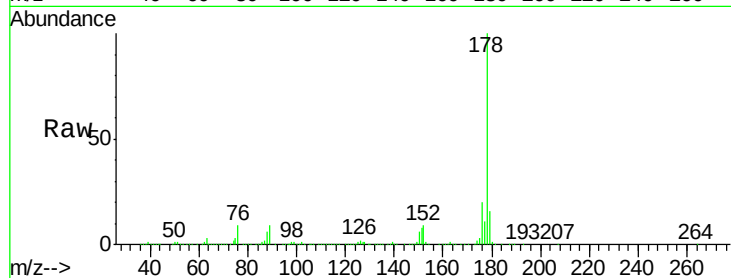
#71
 Anthracene
 Concen: 41.474 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion:178 Resp: 1466811
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.7 12.6 19.0

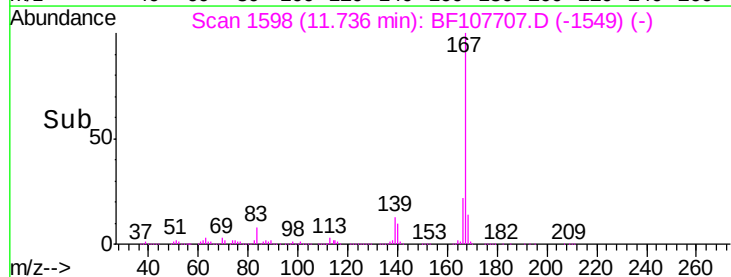
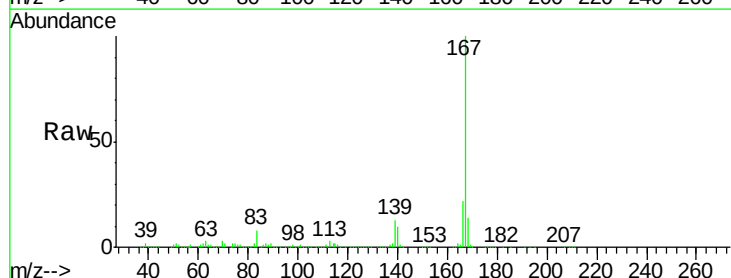
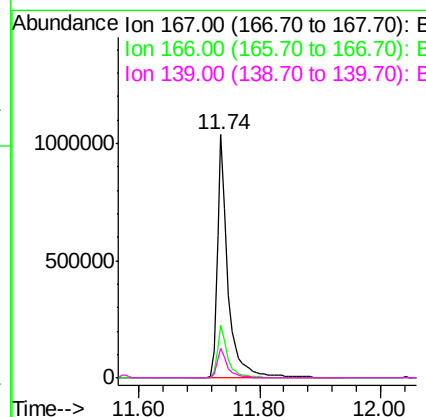
Manual Integrations
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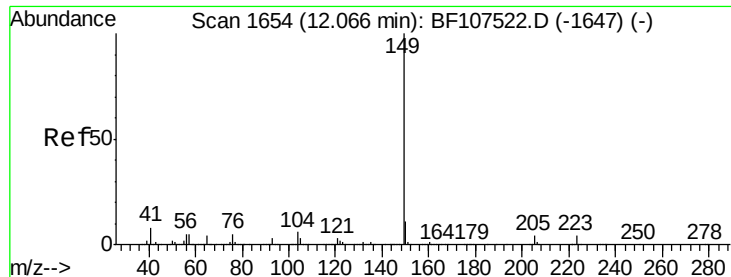
Sohil
 7/27/2018 2:53:51 PM



#72
 Carbazole
 Concen: 34.827 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion:167 Resp: 1280843
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.544 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion:149 Resp: 1608130

Ion Ratio Lower Upper

149 100

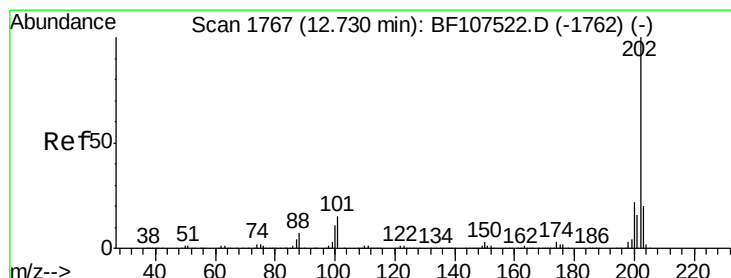
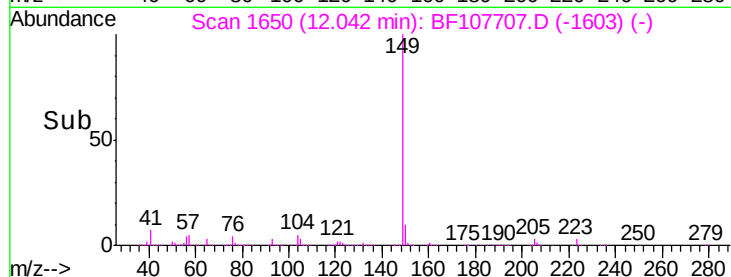
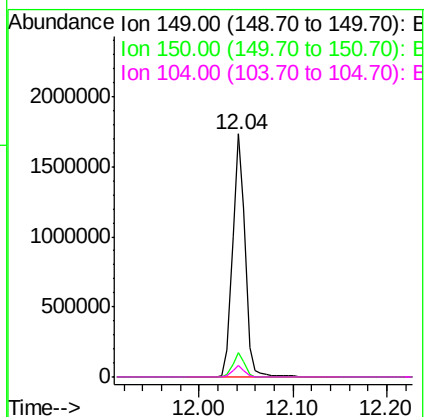
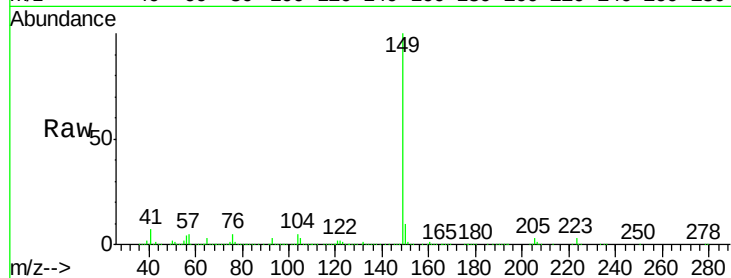
150 10.0 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
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Sohil

7/27/2018 2:53:51 PM



#74

Fluoranthene

Concen: 36.216 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

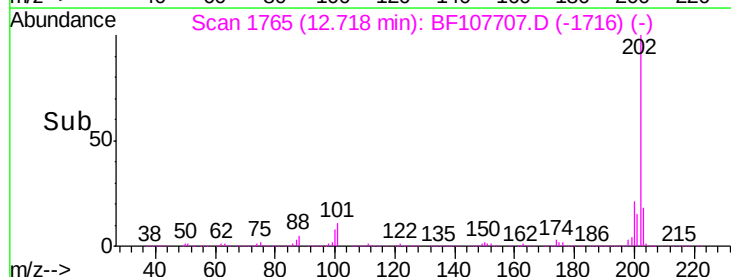
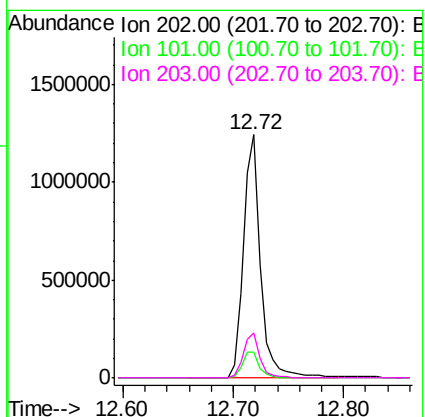
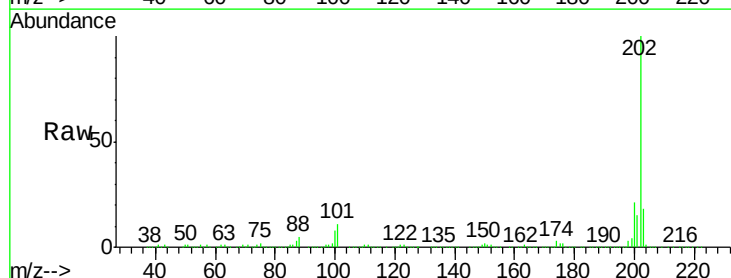
Tgt Ion:202 Resp: 1365104

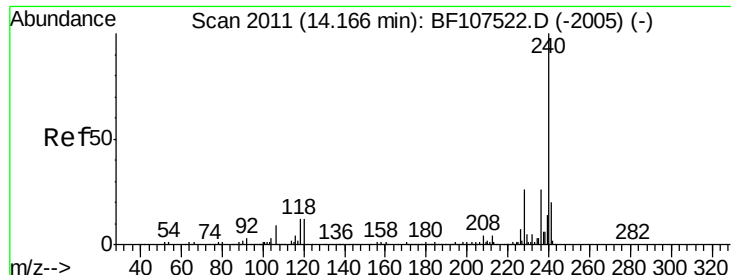
Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

203 18.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

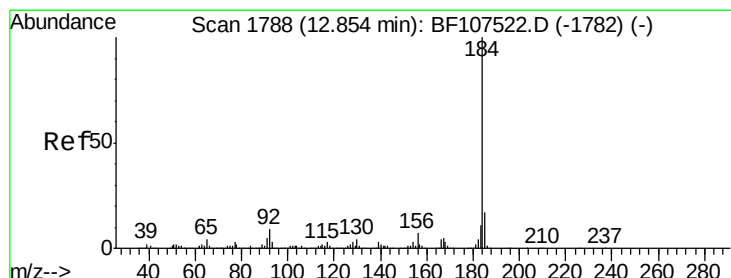
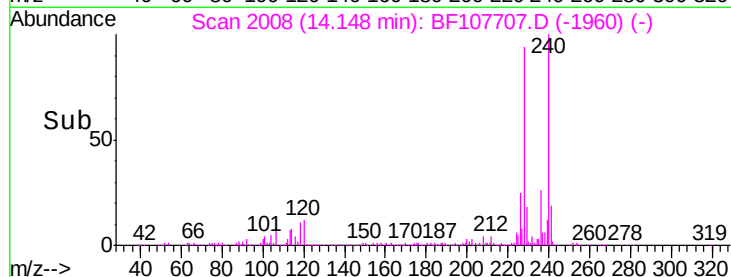
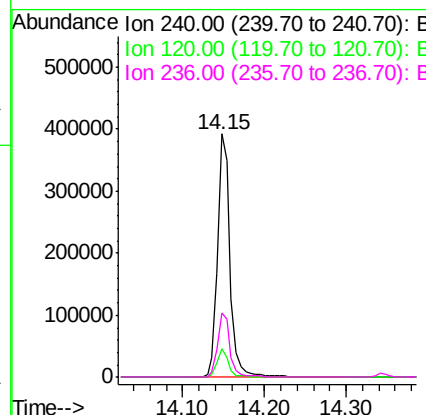
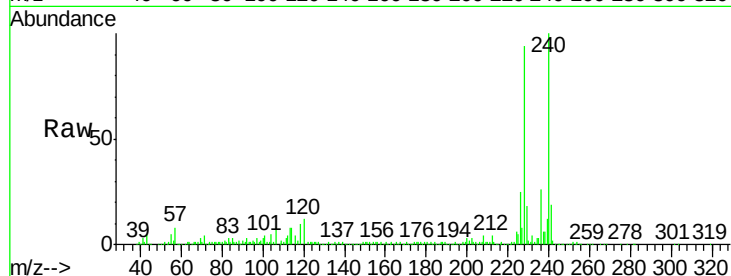
ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	240	Resp:	416769
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	26.3	20.7	31.1

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#76

Benzidine

Concen: 6.747 ng

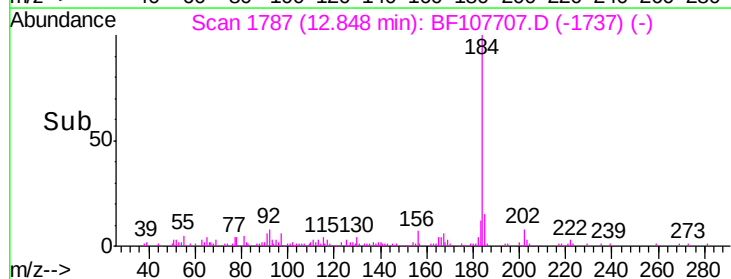
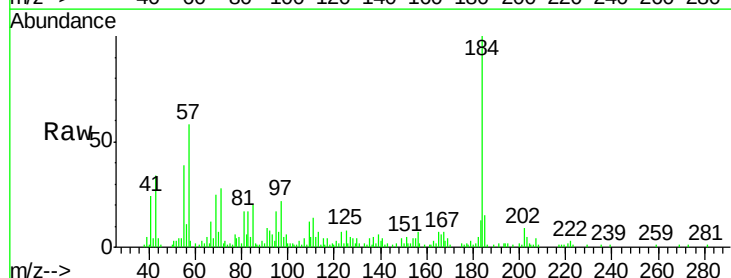
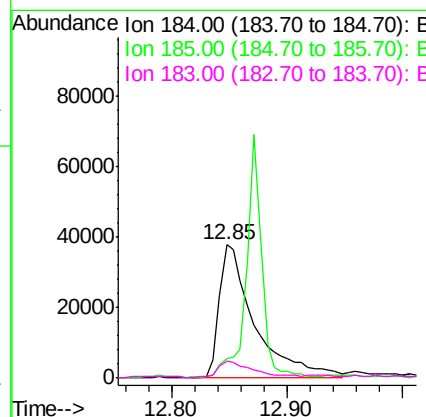
RT: 12.85 min Scan# 1787

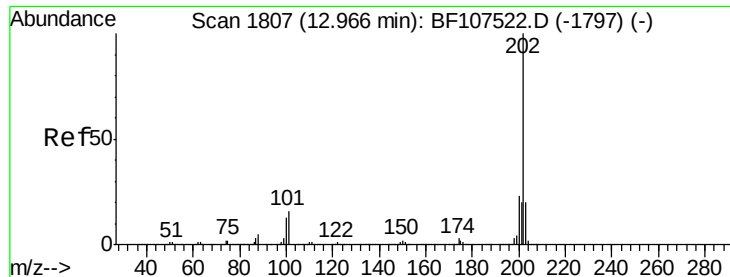
Delta R.T. -0.01 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion:	184	Resp:	80981
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	12.9	9.3	13.9





#77

Pyrene

Concen: 45.278 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Instrument :

BNA_F

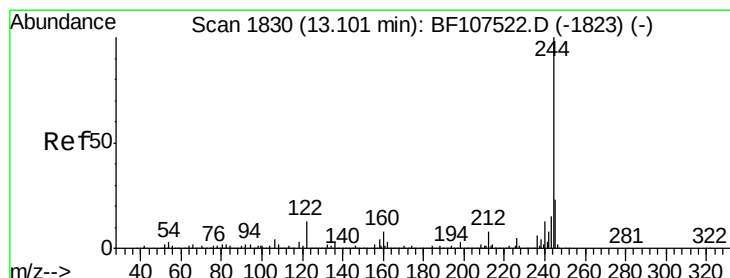
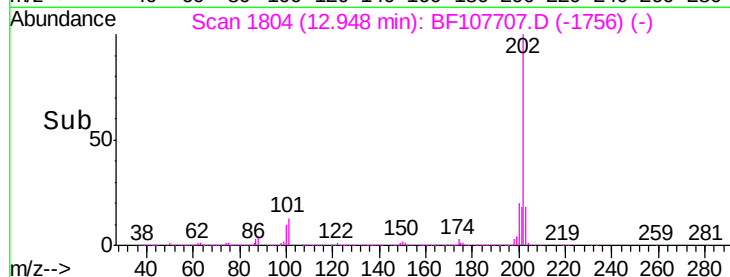
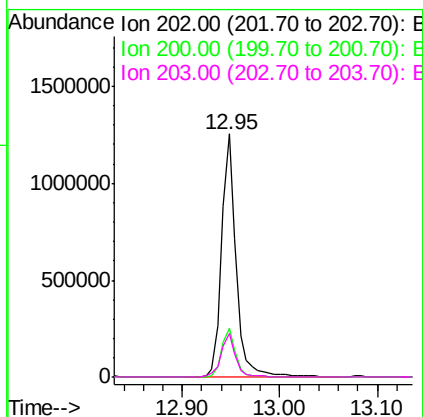
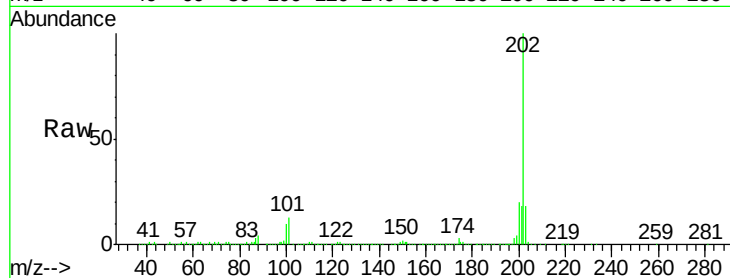
ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

Tgt Ion:	202	Resp:	1290764
Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	18.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 92.100 ng

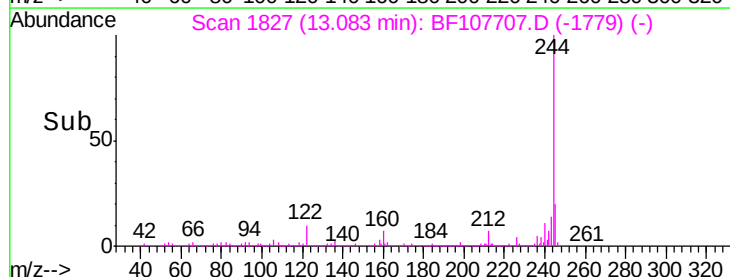
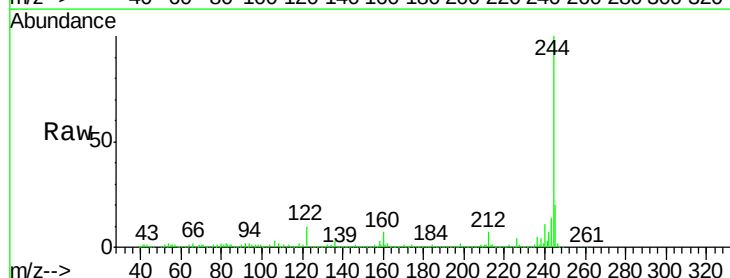
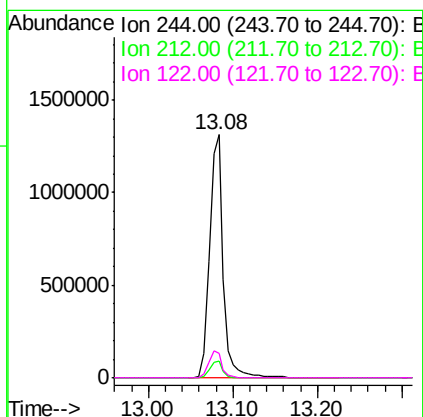
RT: 13.08 min Scan# 1827

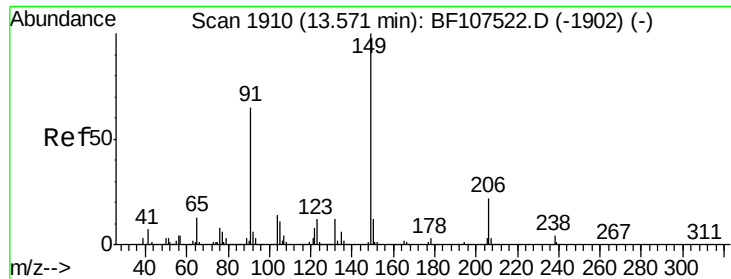
Delta R.T. -0.02 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion:	244	Resp:	1499342
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	10.1	11.0	16.4#





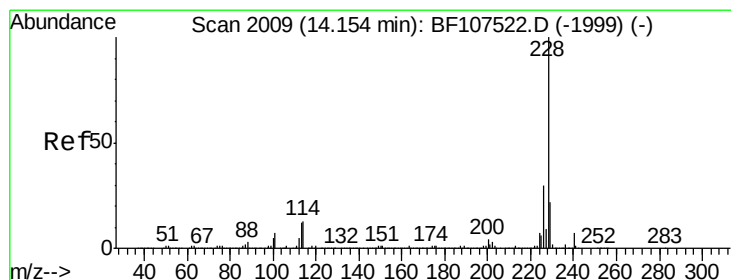
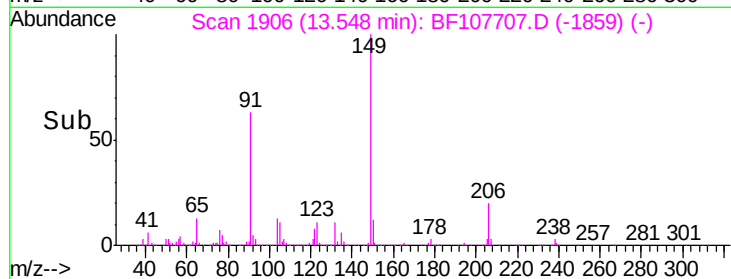
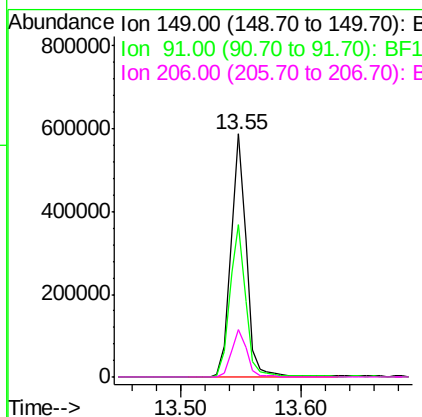
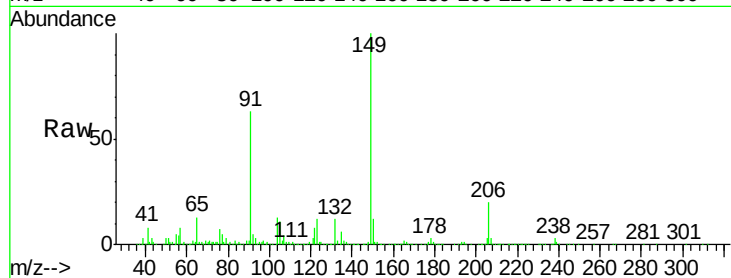
#79
Butylbenzylphthalate
Concen: 42.323 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.0	56.8	85.2
206	19.8	14.1	21.1

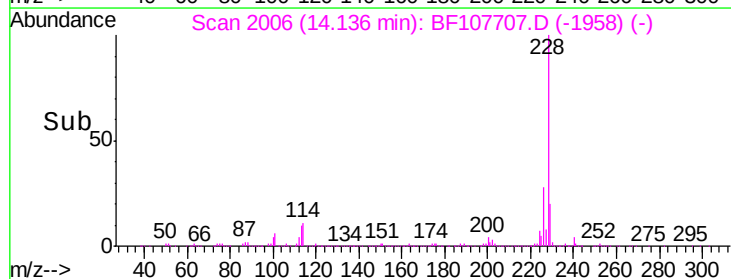
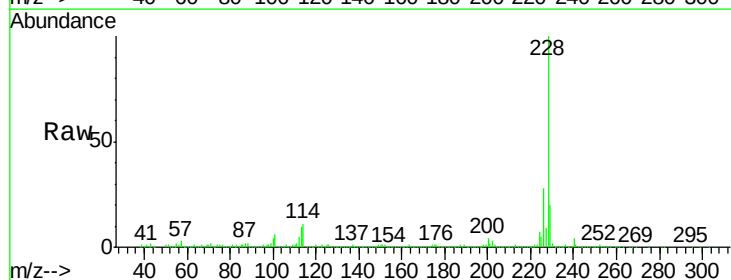
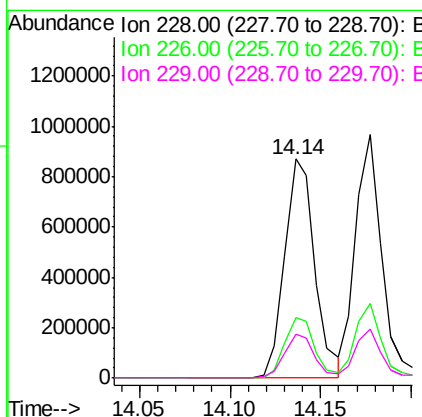
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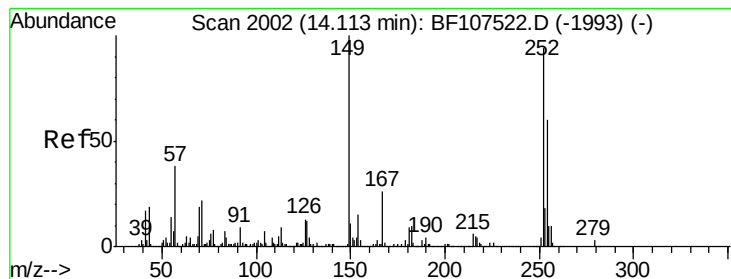
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#80
Benzo(a)anthracene
Concen: 41.444 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.1	15.8	23.6





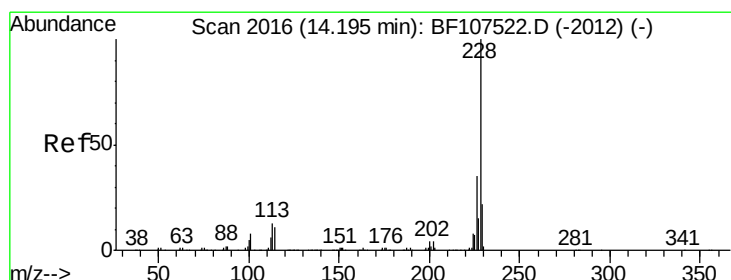
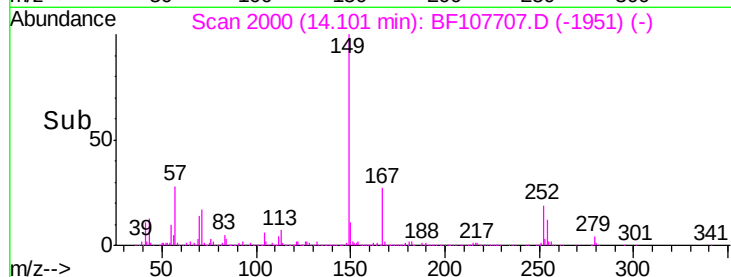
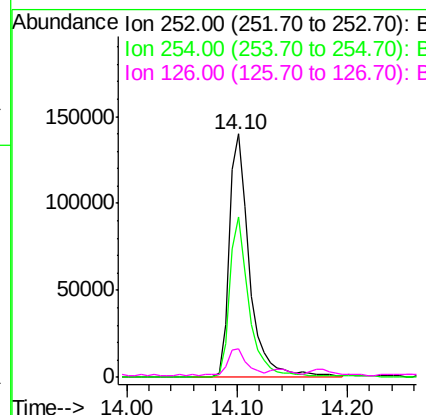
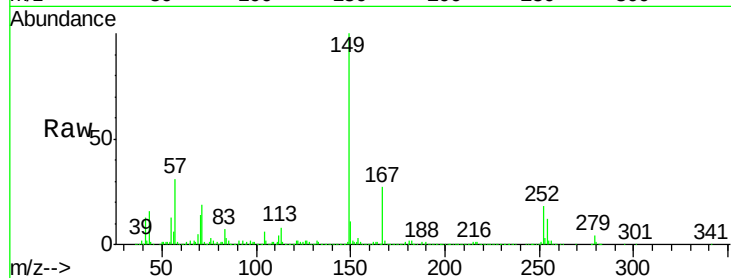
#81
 3,3'-Dichlorobenzidine
 Concen: 21.371 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	180914		
254	65.9	50.4	75.6	
126	11.9	11.3	16.9	

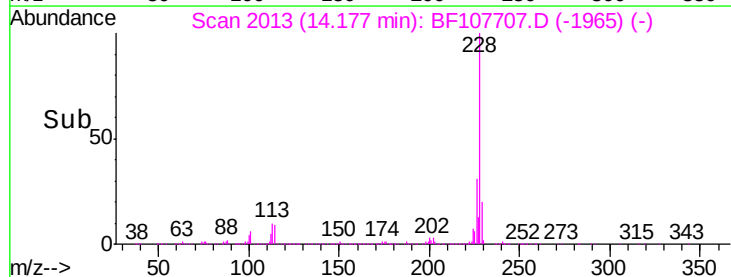
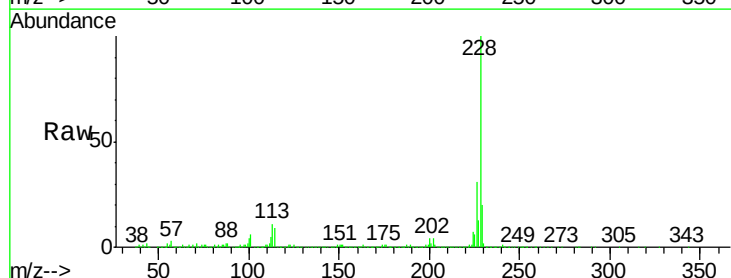
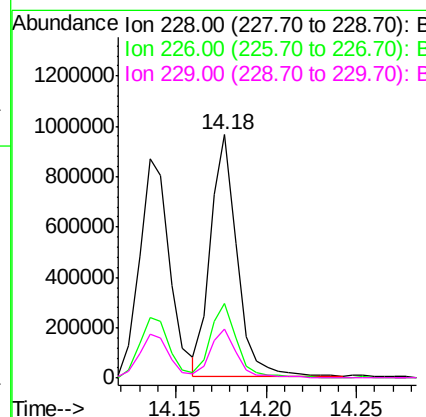
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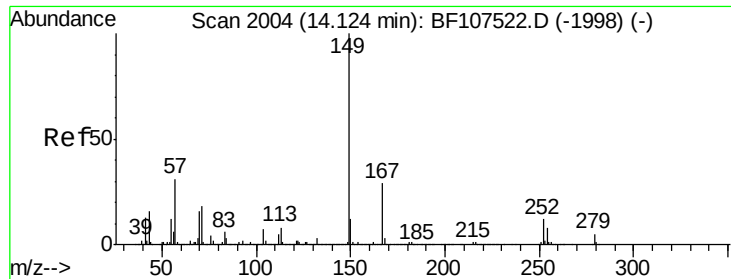
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#82
 Chrysene
 Concen: 41.717 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	978729		
226	30.6	25.0	37.6	
229	20.2	16.2	24.4	





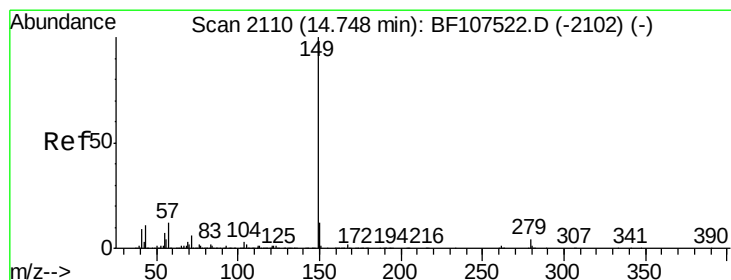
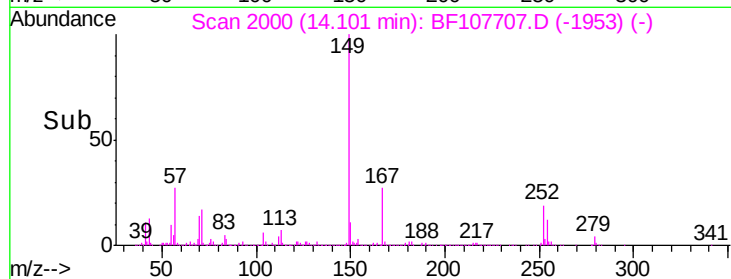
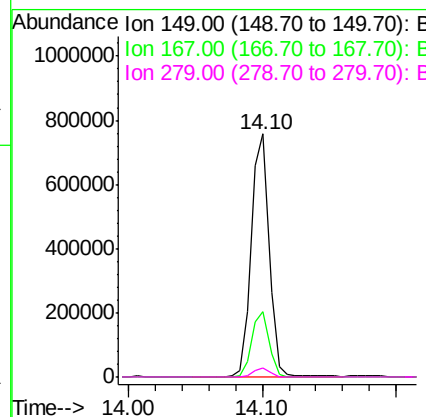
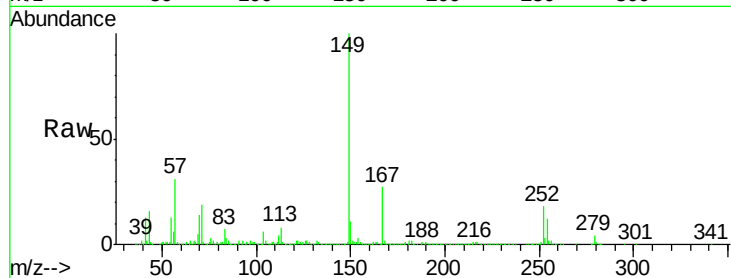
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.954 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	691135		
167	26.9	21.3	31.9	
279	3.9	3.0	4.4	

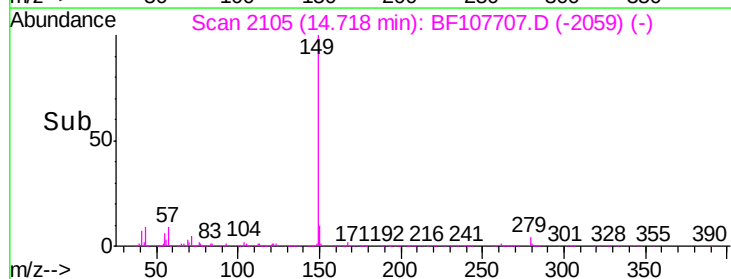
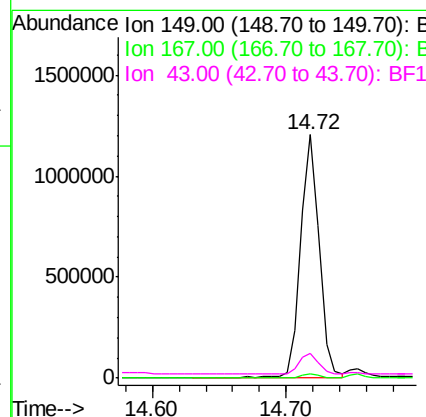
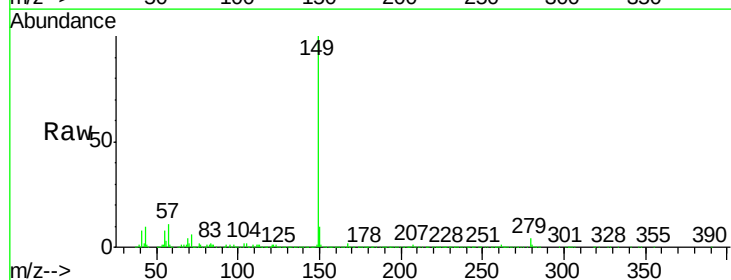
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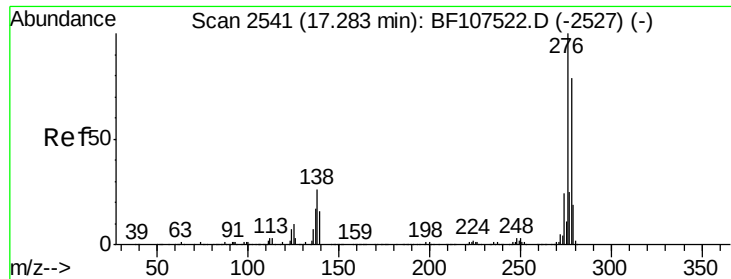
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#84
 Di-n-octyl phthalate
 Concen: 42.789 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. -0.03 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1150511		
167	1.7	1.2	1.8	
43	8.9	8.4	12.6	





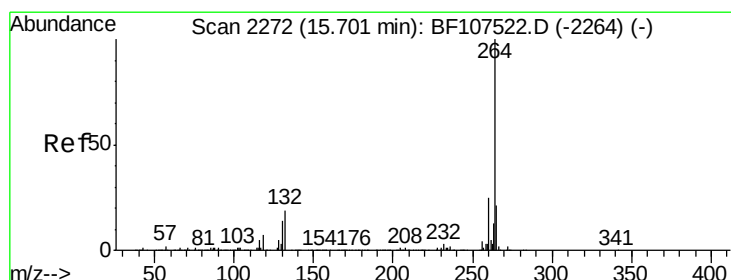
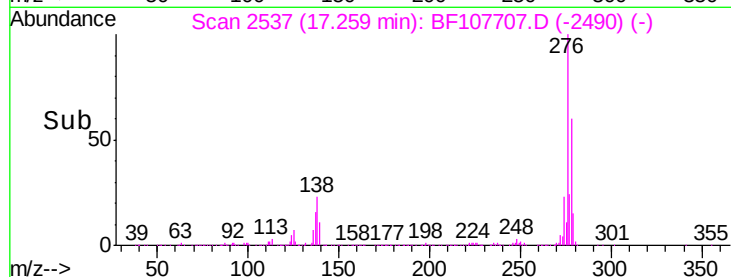
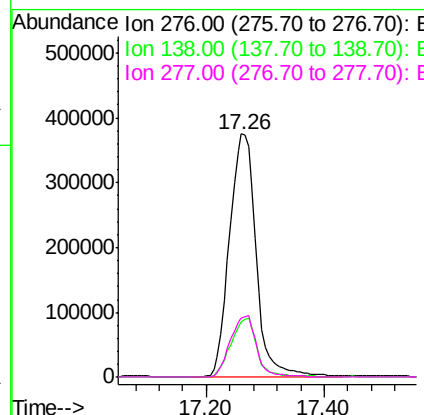
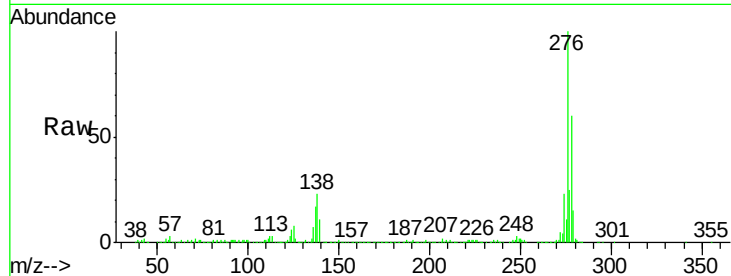
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.603 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11MSD

Tgt Ion: 276 Resp: 1185150
 Ion Ratio Lower Upper
 276 100
 138 23.8 25.0 37.6#
 277 24.9 20.1 30.1

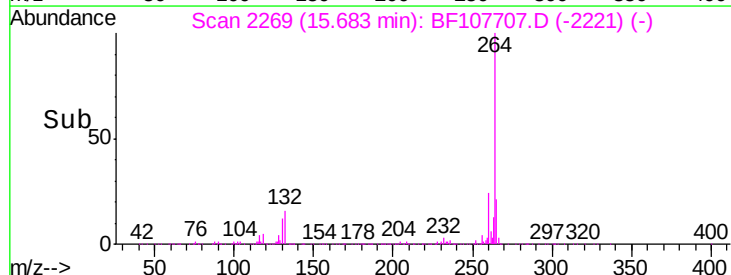
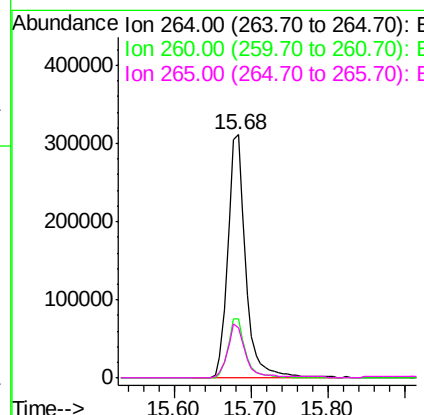
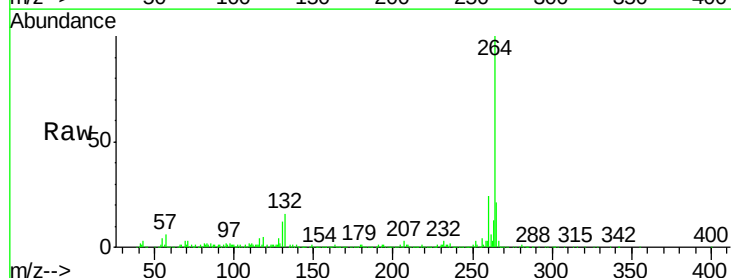
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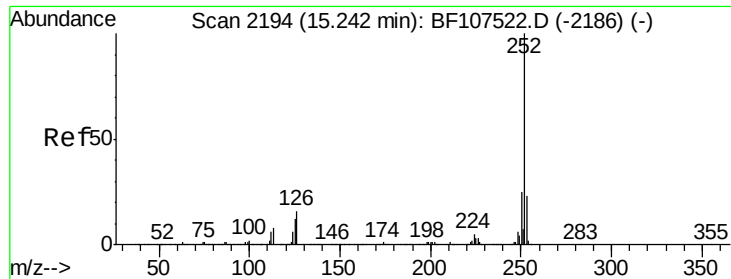
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BF107707.D
 Acq: 26 Jul 2018 18:38

Tgt Ion: 264 Resp: 506966
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.7 17.5 26.3





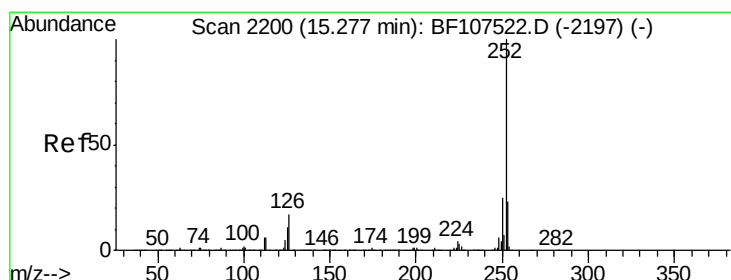
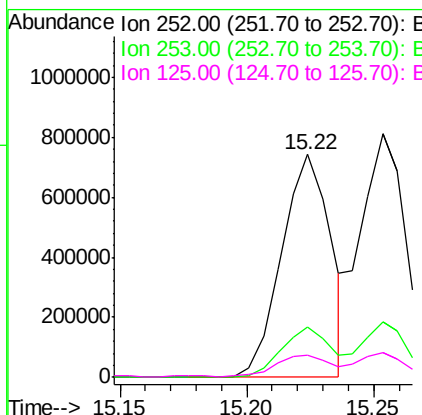
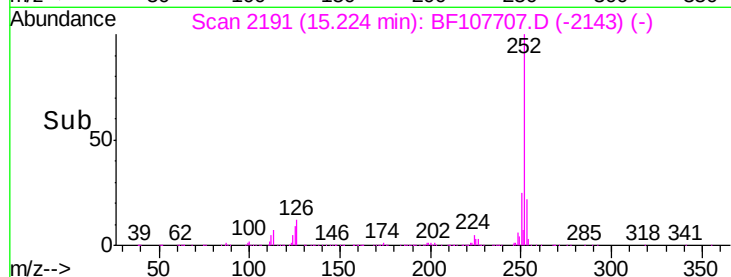
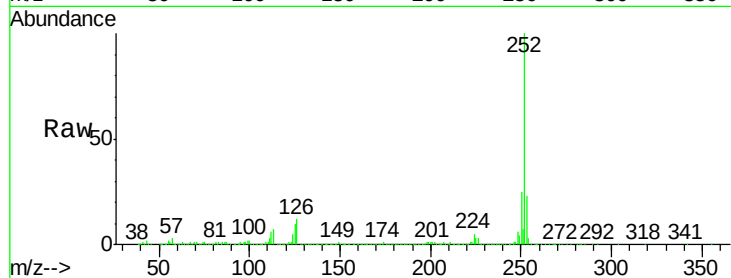
#87
Benzo(b)fluoranthene
Concen: 35.890 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	10.0	9.0	13.6

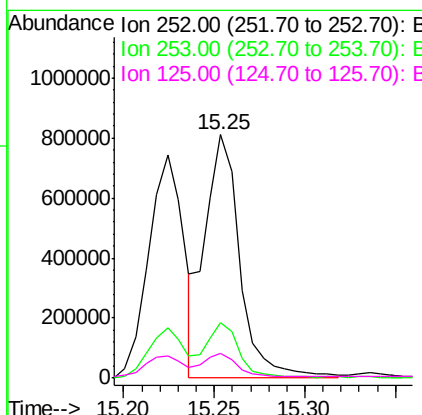
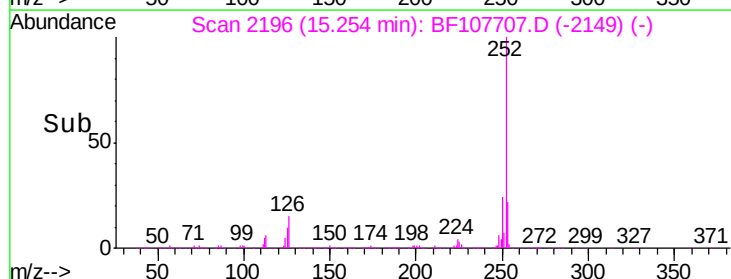
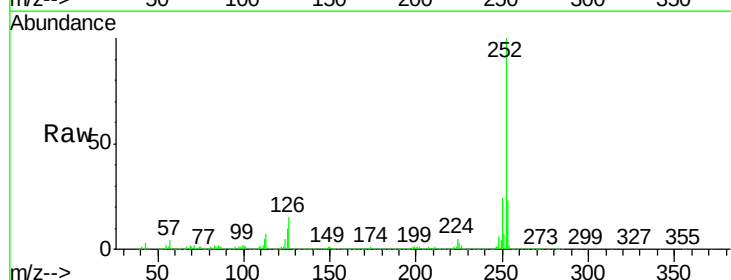
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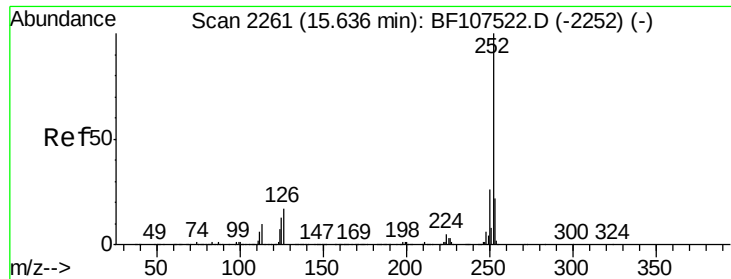
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#88
Benzo(k)fluoranthene
Concen: 39.946 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.4	10.2	15.2





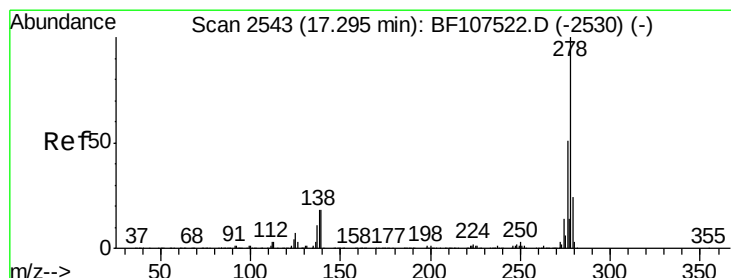
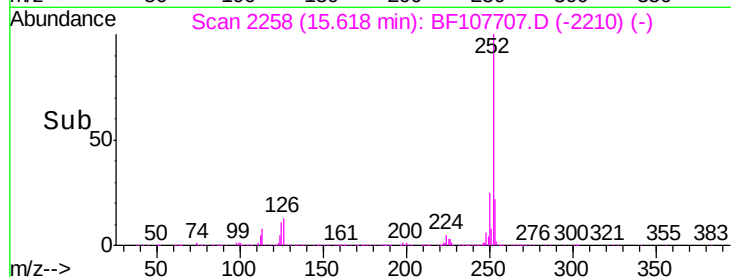
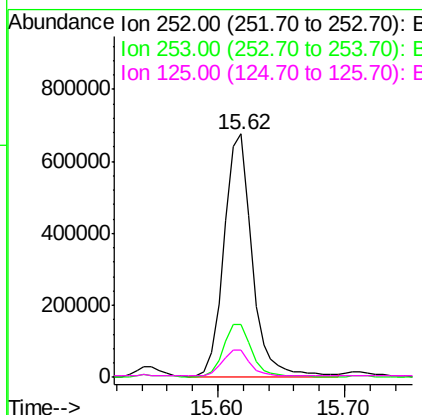
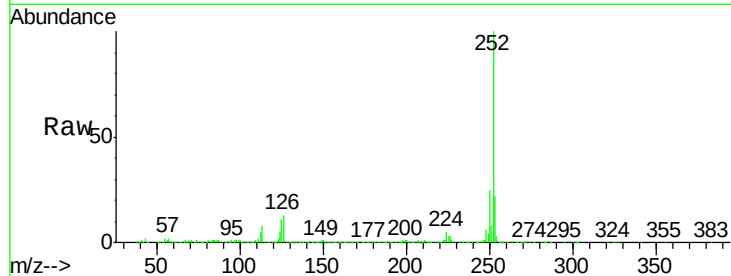
#89
Benzo(a)pyrene
Concen: 41.042 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	11.1	9.8	14.6

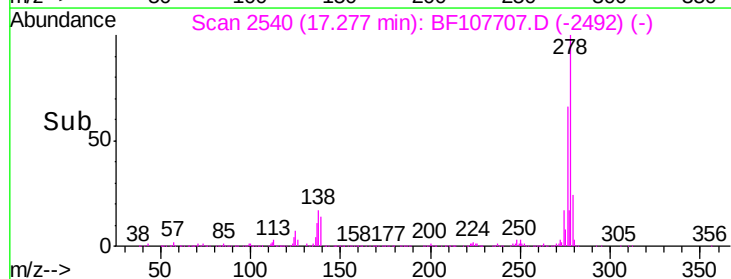
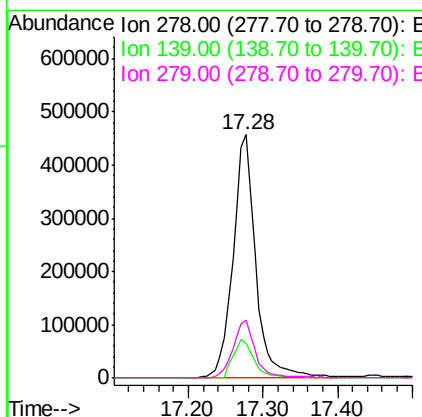
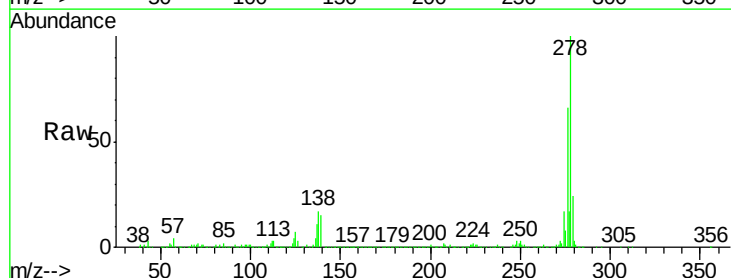
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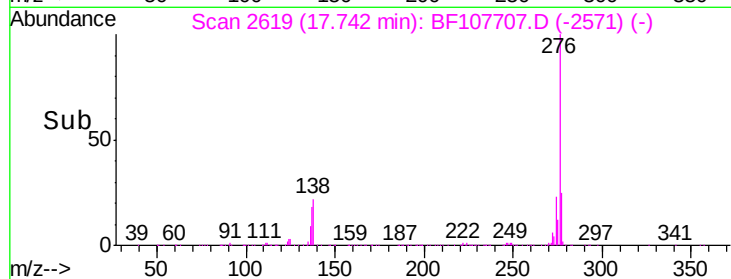
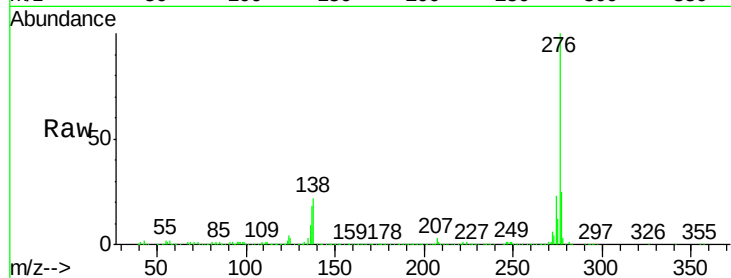
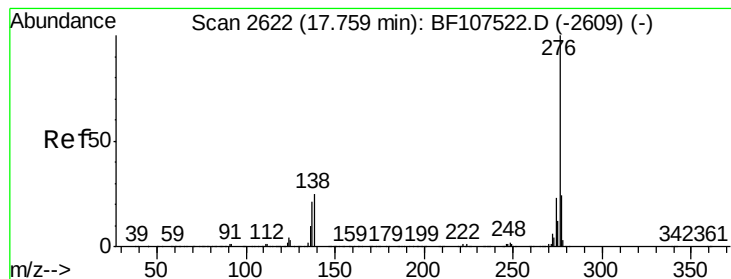
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#90
Dibenzo(a,h)anthracene
Concen: 43.880 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107707.D
Acq: 26 Jul 2018 18:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	15.9	23.9#
279	23.7	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 42.955 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF107707.D

Acq: 26 Jul 2018 18:38

Tgt Ion:	276	Resp:	929568
Ion Ratio	Lower	Upper	
276	100		
277	25.0	17.9	26.9
138	22.1	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11MSD

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