

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107718.D
 Acq On : 26 Jul 2018 23:37
 Operator : JU/SJ
 Sample : J4120-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:54:15 PM

Quant Time: Jul 27 05:44:47 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	206444	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	823090	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	371295	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	650934	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	419601	20.00	ng	-0.02
86) Perylene-d12	15.68	264	507708	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1697141	132.18	ng	0.00
7) Phenol-d6	6.61	99	1991845	129.19	ng	0.00
23) Nitrobenzene-d5	7.54	82	1320791	108.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	628075	148.76	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2434622	129.22	ng	-0.02
78) Terphenyl-d14	13.08	244	1787222	109.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	182551	30.545	ng	# 84
3) Pyridine	3.65	79	470160	28.918	ng	87
4) n-Nitrosodimethylamine	3.62	42	212403	30.975	ng	97
6) Aniline	6.64	93	555856	27.953	ng	# 76
8) 2-Chlorophenol	6.76	128	624236	45.378	ng	98
9) Benzaldehyde	6.52	77	400986	44.412	ng	98
10) Phenol	6.62	94	720544	39.739	ng	90
11) bis(2-Chloroethyl)ether	6.70	93	523654	34.834	ng	93
12) 1,3-Dichlorobenzene	6.91	146	652764	41.853	ng	99
13) 1,4-Dichlorobenzene	6.98	146	716375	44.813	ng	99
14) 1,2-Dichlorobenzene	7.13	146	617821	43.066	ng	99
15) Benzyl Alcohol	7.11	79	474577	45.165	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	959521	37.835	ng	67
17) 2-Methylphenol	7.22	107	516439	44.170	ng	# 90
18) Hexachloroethane	7.47	117	241529	43.077	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	420994	42.268	ng	97
20) 3+4-Methylphenols	7.38	107	602677	43.409	ng	# 62
22) Acetophenone	7.38	105	898748	46.494	ng	# 89
24) Nitrobenzene	7.55	77	639487	45.779	ng	99
25) Isophorone	7.78	82	1258125	48.313	ng	98
26) 2-Nitrophenol	7.87	139	363696	61.653	ng	97
27) 2,4-Dimethylphenol	7.90	122	559648	50.120	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	768077	44.135	ng	99
29) 2,4-Dichlorophenol	8.11	162	561746	49.220	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	580000	45.246	ng	99
31) Naphthalene	8.27	128	1805441	49.881	ng	98
32) Benzoic acid	8.02	122	171733	26.304	ng	96
33) 4-Chloroaniline	8.32	127	246583	15.587	ng	97
34) Hexachlorobutadiene	8.37	225	335322	44.023	ng	99
35) Caprolactam	8.70	113	157494m	42.426	ng	
36) 4-Chloro-3-methylphenol	8.81	107	610069	48.121	ng	99
37) 2-Methylnaphthalene	8.96	142	1265480	50.455	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	601104	48.538	ng	98
40) Hexachlorocyclopentadiene	9.10	237	335905	53.357	ng	99

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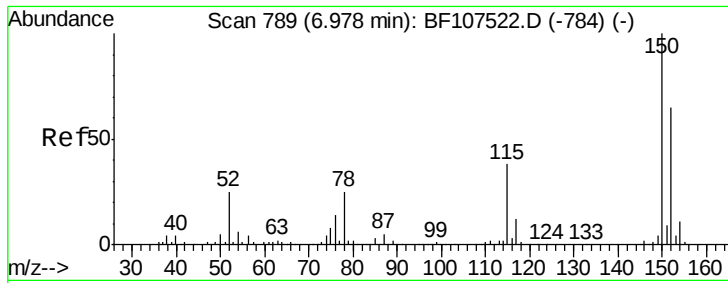
Manual Integrations
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 7/27/2018 2:54:15 PM

Quant Time: Jul 27 05:44:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	390842	49.305	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	423884	51.164	ng	95
45) 1,1'-Biphenyl	9.42	154	1534266	47.436	ng	98
46) 2-Chloronaphthalene	9.45	162	1149143	46.481	ng	99
47) 2-Nitroaniline	9.55	65	392187	54.413	ng	88
48) Acenaphthylene	9.87	152	1843545	49.639	ng	98
49) Dimethylphthalate	9.72	163	1445425	51.653	ng	98
50) 2,6-Dinitrotoluene	9.80	165	294644	53.034	ng	95
51) Acenaphthene	10.04	154	1025392	44.066	ng	100
52) 3-Nitroaniline	9.97	138	157499	23.302	ng	98
53) 2,4-Dinitrophenol	10.08	184	154330	65.234	ng #	28
54) Dibenzofuran	10.21	168	1566051	45.714	ng	97
55) 4-Nitrophenol	10.15	139	325441	64.311	ng	92
56) 2,4-Dinitrotoluene	10.20	165	347651	51.839	ng #	93
57) Fluorene	10.56	166	1240401	50.753	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	350641	50.854	ng #	86
59) Diethylphthalate	10.42	149	1373203	46.987	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	620942	44.942	ng	95
61) 4-Nitroaniline	10.60	138	238374	41.977	ng	95
62) Azobenzene	10.71	77	1225452	44.717	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	139381	45.014	ng	87
65) n-Nitrosodiphenylamine	10.67	169	1108346	50.135	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	383479	50.046	ng #	87
67) Hexachlorobenzene	11.10	284	399783	47.417	ng #	90
68) Atrazine	11.19	200	325946	48.290	ng	96
69) Pentachlorophenol	11.30	266	367169	69.721	ng	99
70) Phenanthrene	11.52	178	1517333	47.835	ng	99
71) Anthracene	11.58	178	1639919	51.348	ng	99
72) Carbazole	11.74	167	1409825	42.450	ng	99
73) Di-n-butylphthalate	12.04	149	1824806	58.357	ng	98
74) Fluoranthene	12.71	202	1394705	40.975	ng	98
76) Benzidine	12.84	184	572872	47.408	ng	98
77) Pyrene	12.95	202	1337050	46.585	ng	99
79) Butylbenzylphthalate	13.55	149	604737	48.994	ng	92
80) Benzo(a)anthracene	14.14	228	1218811	49.567	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	358387	51.132	ng #	98
82) Chrysene	14.18	228	1197118	50.681	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	777258	44.629	ng	99
84) Di-n-octyl phthalate	14.72	149	1426266	52.686	ng	97
85) Indeno(1,2,3-cd)pyrene	17.26	276	1201559	60.020	ng #	93
87) Benzo(b)fluoranthene	15.22	252	1233434	44.390	ng	97
88) Benzo(k)fluoranthene	15.25	252	1348378	49.531	ng #	98
89) Benzo(a)pyrene	15.62	252	1265271	49.780	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	1028060	46.791	ng	96
91) Benzo(g,h,i)perylene	17.74	276	922568	42.569	ng #	92

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



#1

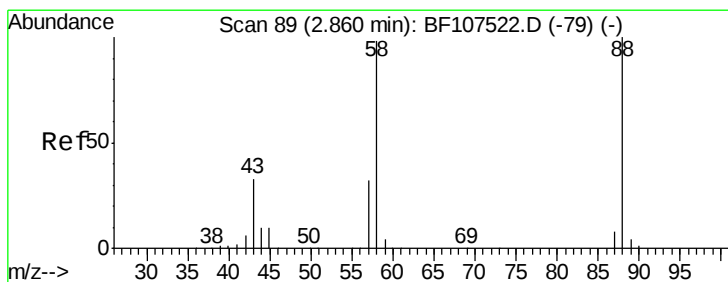
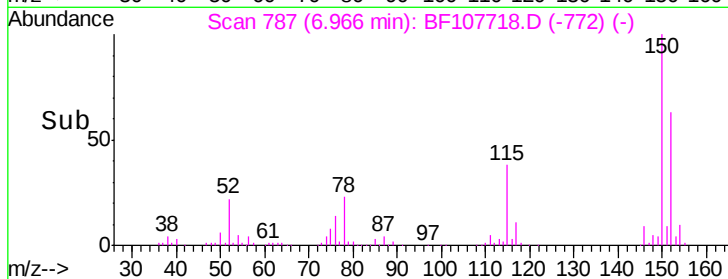
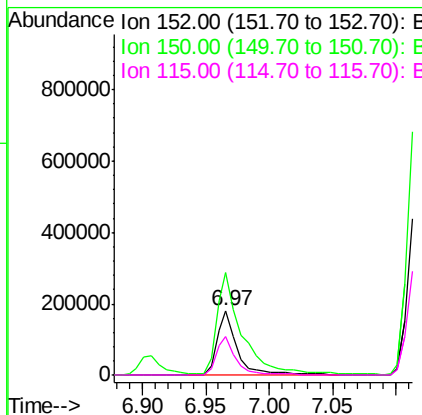
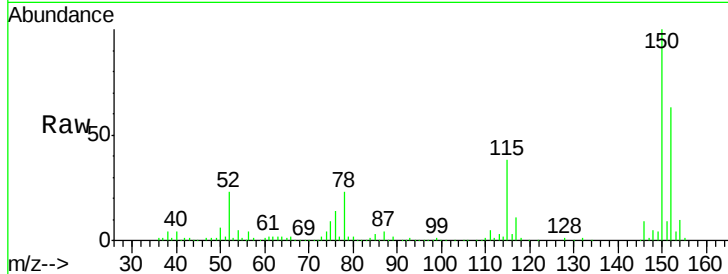
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampled :
 SP-4MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	60.4	50.1	75.1

Manual Integrations
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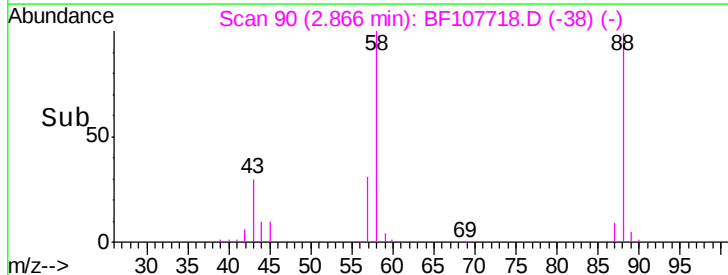
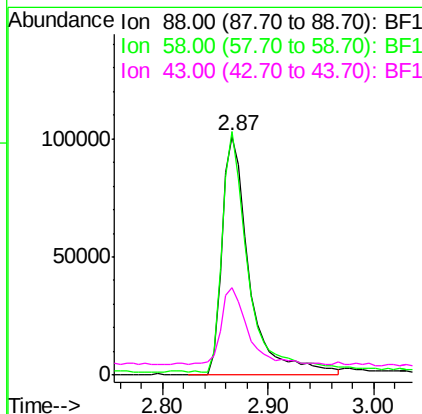
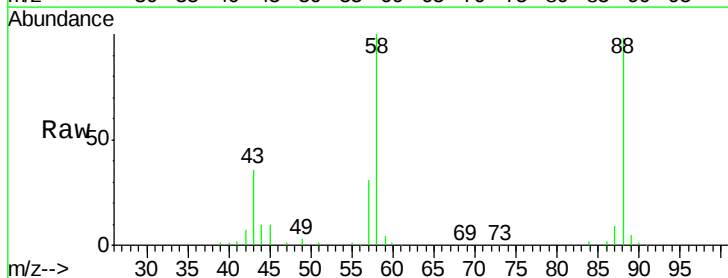
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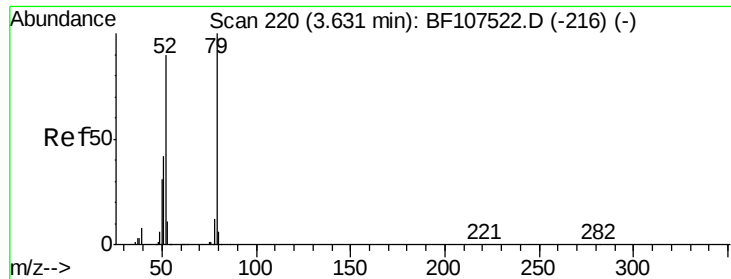


#2

1,4-Dioxane
 Concen: 30.545 ng
 RT: 2.87 min Scan# 90
 Delta R.T. 0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.7	62.6	93.8#
43	32.0	24.6	37.0





#3

Pyridine

Concen: 28.918 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

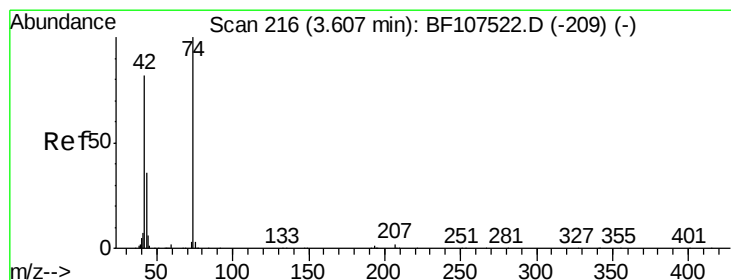
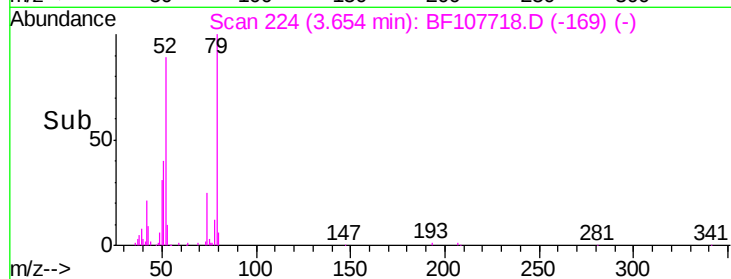
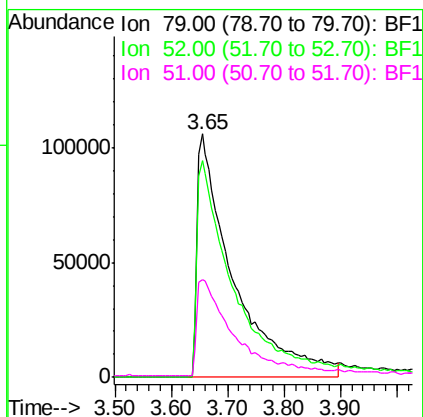
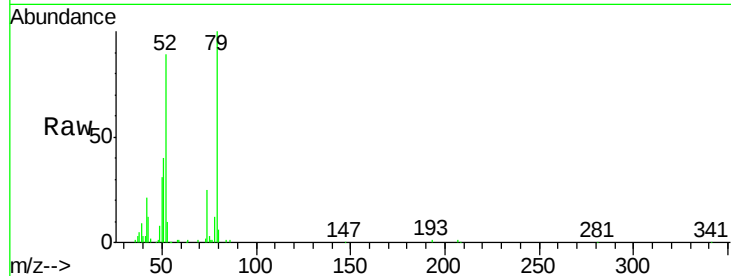
ClientSampleId :

SP-4MS

Tgt Ion:	79	Resp:	470160
Ion	Ratio	Lower	Upper
79	100		
52	89.2	59.8	89.6
51	40.2	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.975 ng

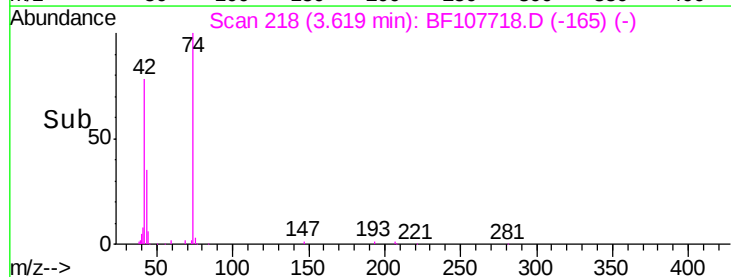
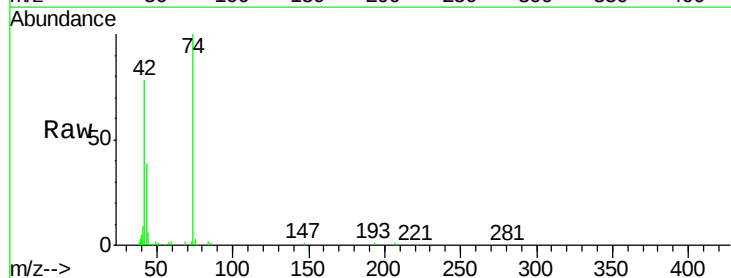
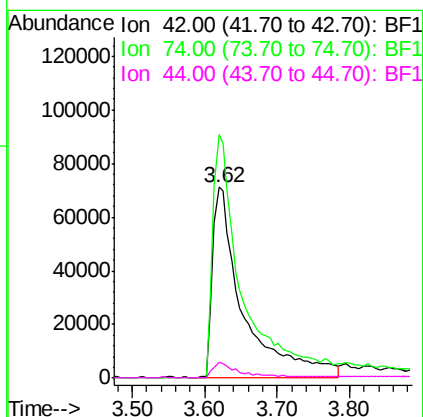
RT: 3.62 min Scan# 218

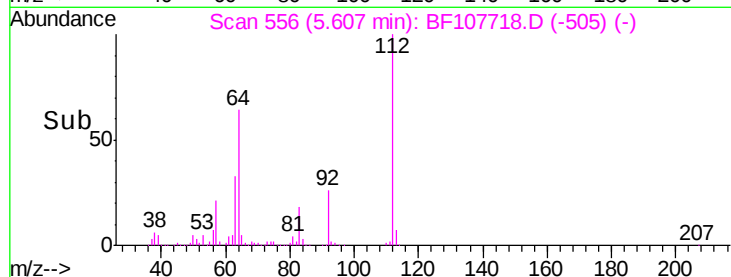
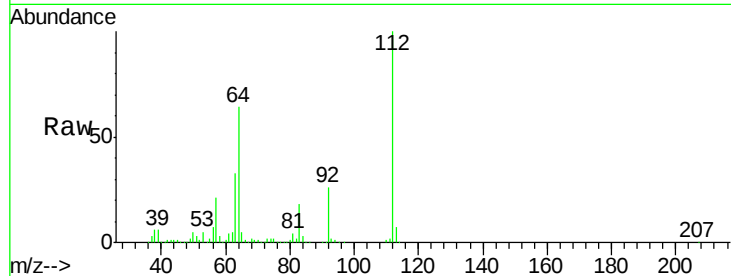
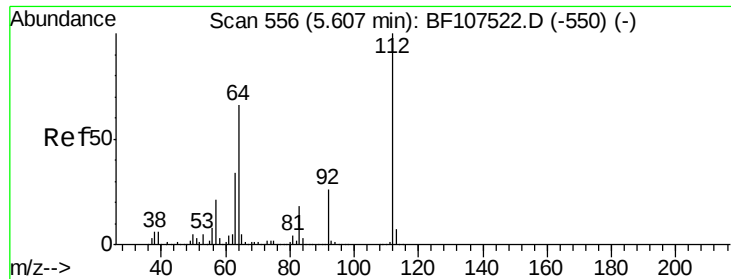
Delta R.T. 0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Tgt Ion:	42	Resp:	212403
Ion	Ratio	Lower	Upper
42	100		
74	127.5	104.9	157.3
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 132.175 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion: 112 Resp: 1697141

Ion Ratio Lower Upper

112 100

64 64.5 47.9 71.9

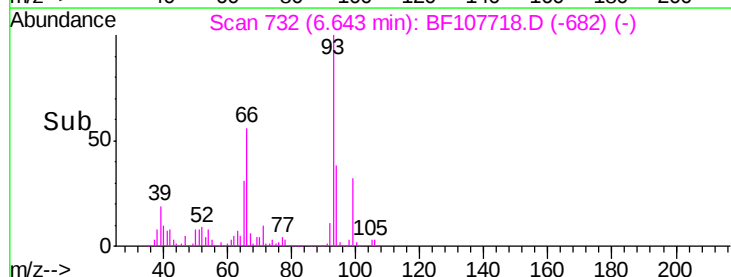
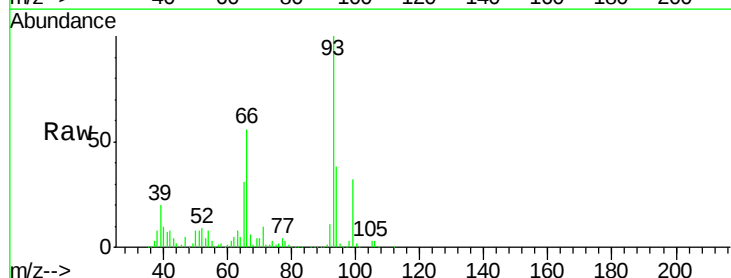
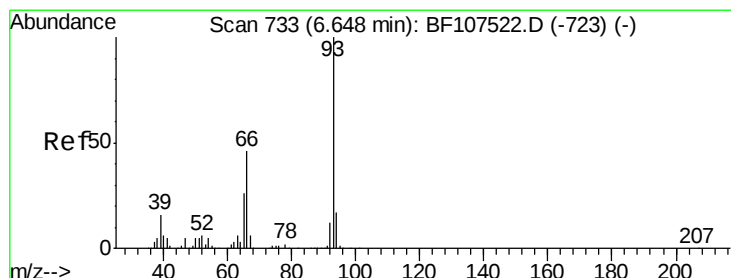
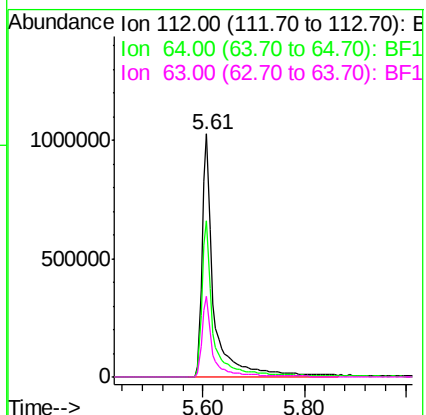
63 33.2 23.7 35.5

Manual Integrations

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#6

Aniline

Concen: 27.953 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

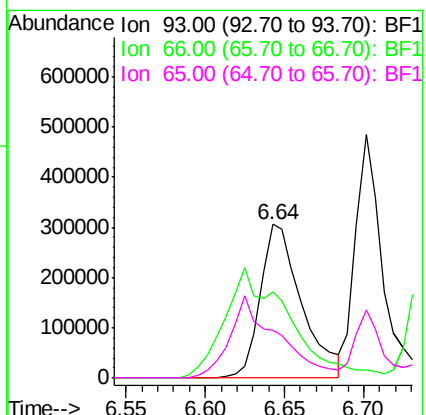
Tgt Ion: 93 Resp: 555856

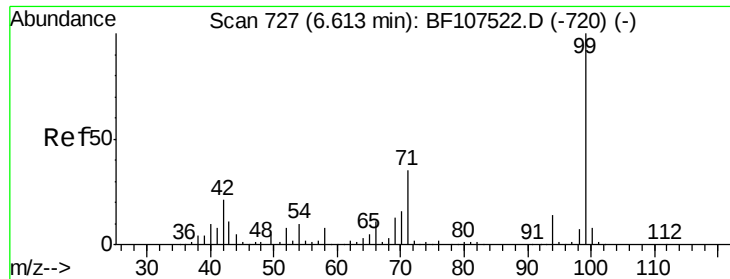
Ion Ratio Lower Upper

93 100

66 55.7 32.2 48.2#

65 30.7 16.4 24.6#





#7

Phenol-d6

Concen: 129.193 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion: 99 Resp: 1991845

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

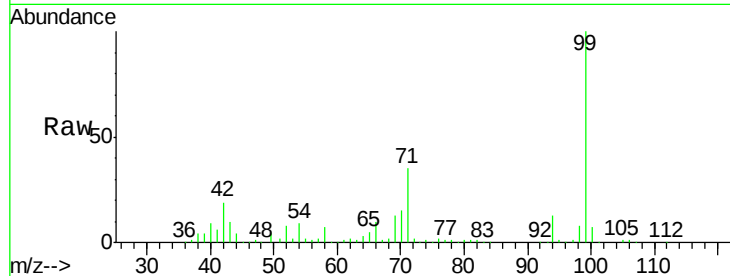
71 35.1 25.4 38.0

Manual Integrations

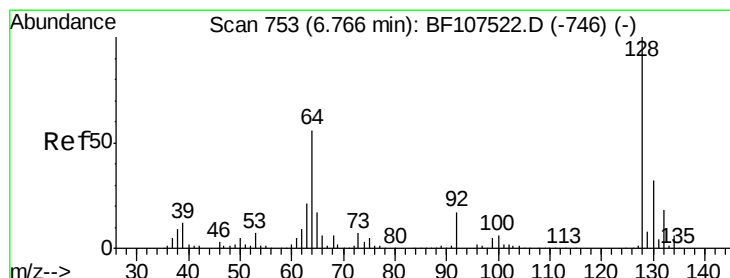
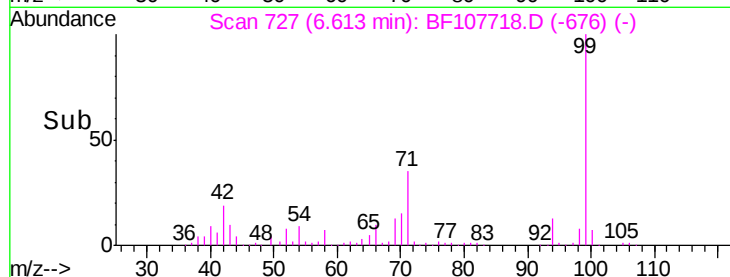
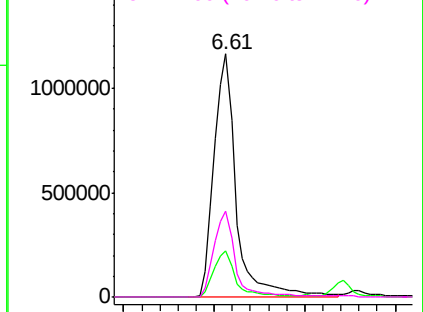
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.378 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

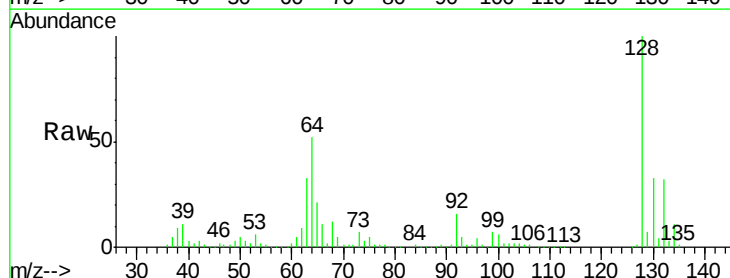
Tgt Ion: 128 Resp: 624236

Ion Ratio Lower Upper

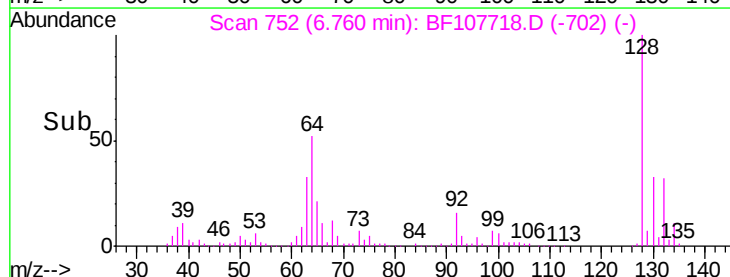
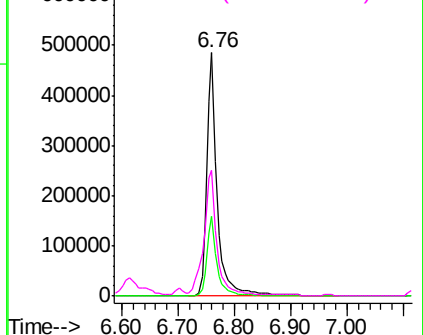
128 100

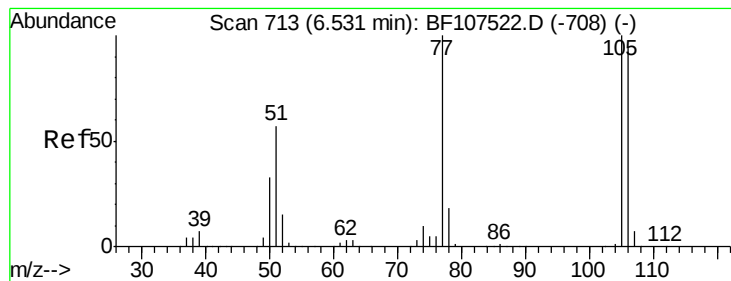
130 32.9 13.0 53.0

64 51.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 44.412 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

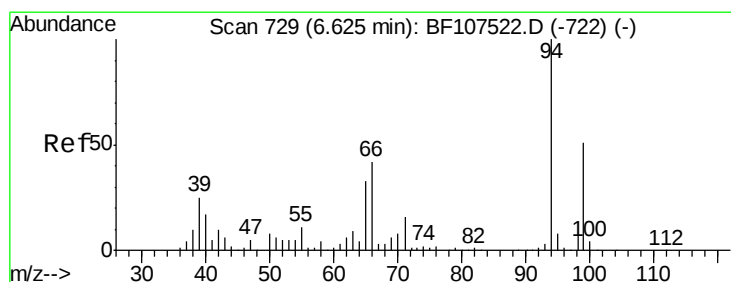
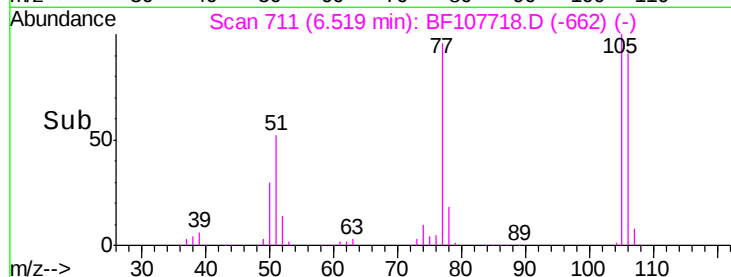
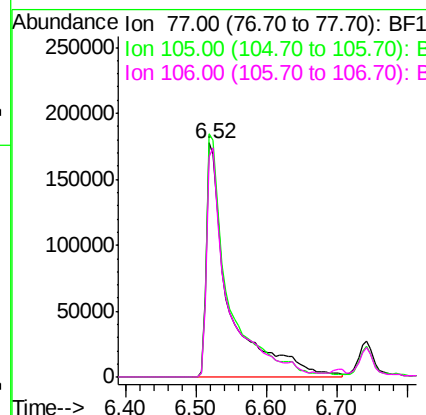
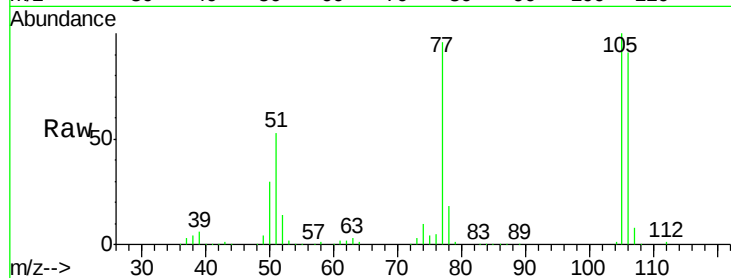
ClientSampled :

SP-4MS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	103.9	81.1	121.1
106	94.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.739 ng

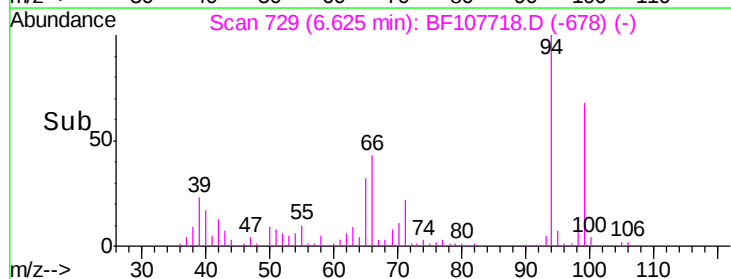
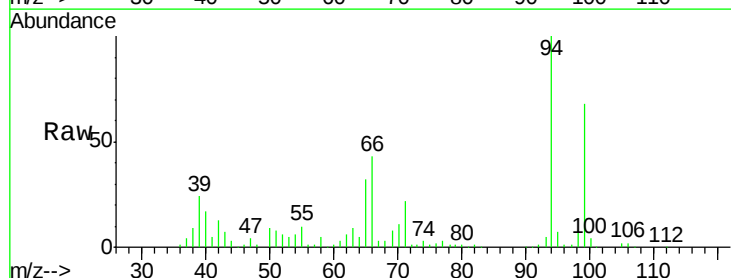
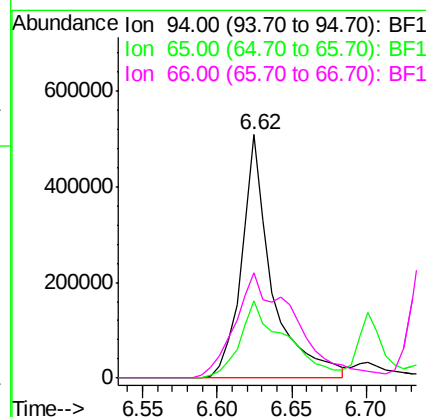
RT: 6.62 min Scan# 729

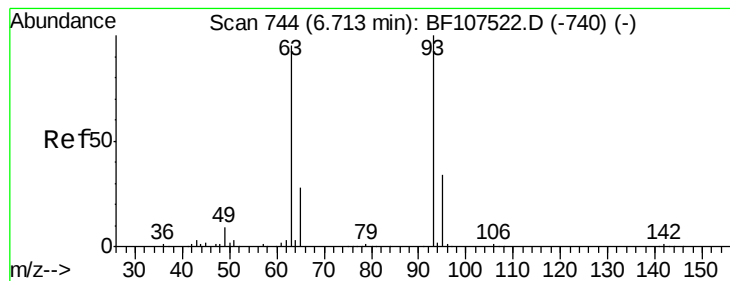
Delta R.T. 0.00 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	7.9	47.9
66	43.1	16.2	56.2





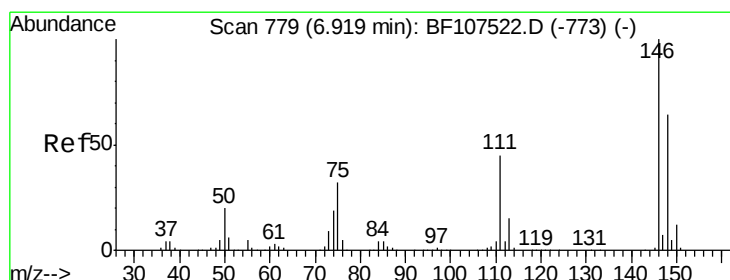
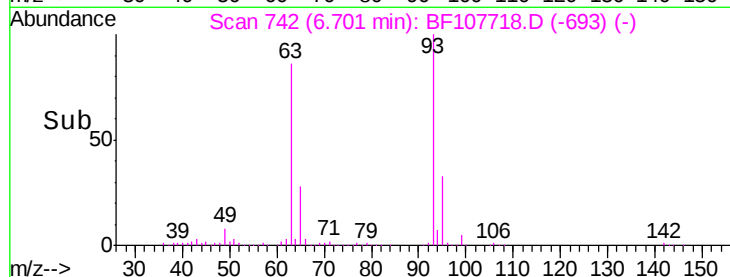
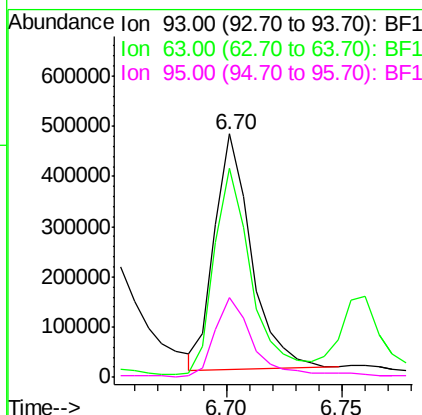
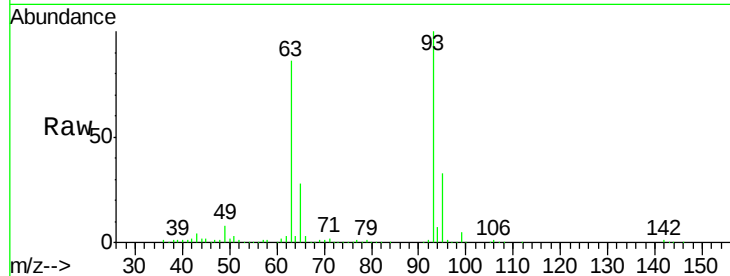
#11
bis(2-Chloroethyl)ether
Concen: 34.834 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.1	58.6	98.6
95	32.7	11.8	51.8

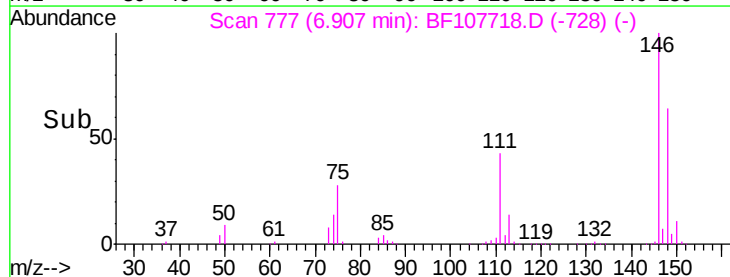
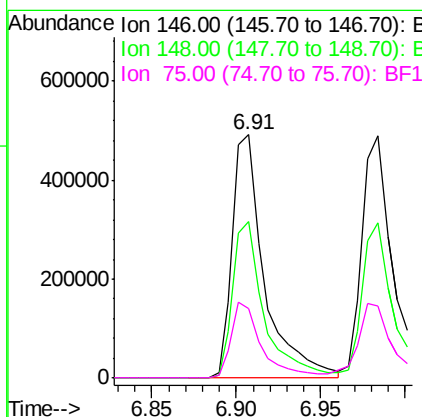
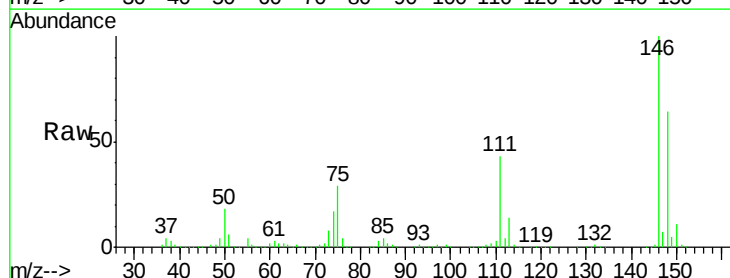
Manual Integrations
APPROVED

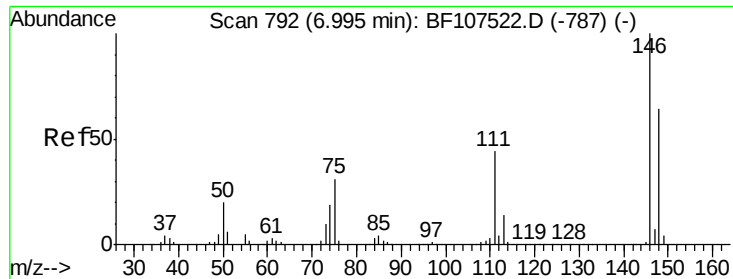
Sohil
7/27/2018 2:54:15 PM



#12
1,3-Dichlorobenzene
Concen: 41.853 ng
RT: 6.91 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	28.6	24.2	36.4





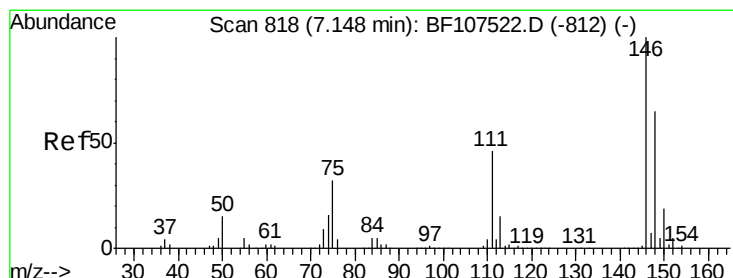
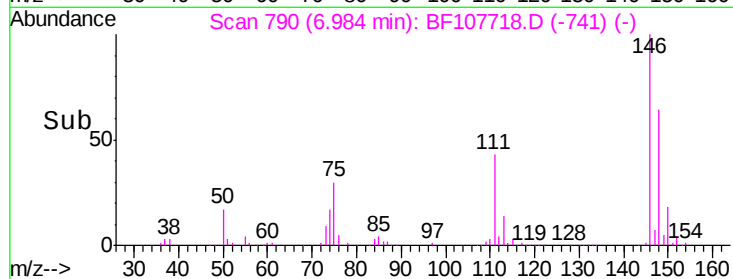
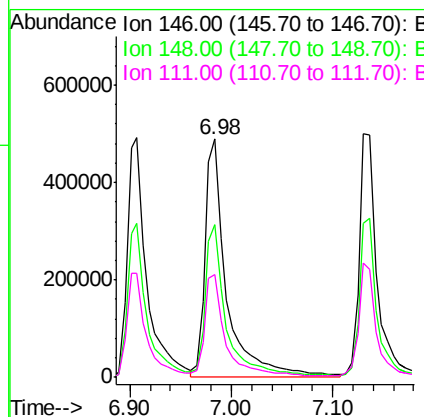
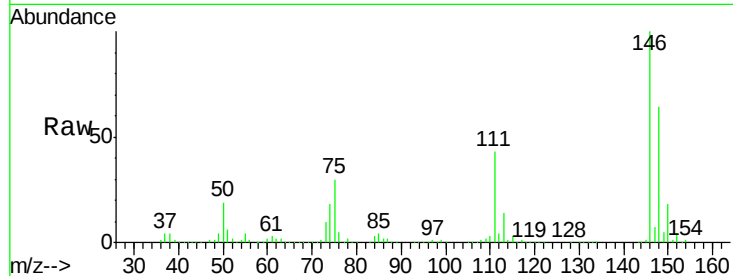
#13
1,4-Dichlorobenzene
Concen: 44.813 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	43.2	34.2	51.2

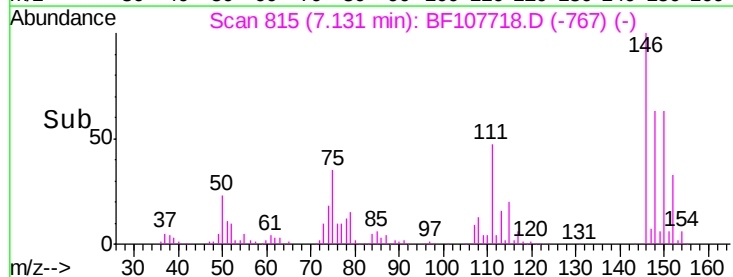
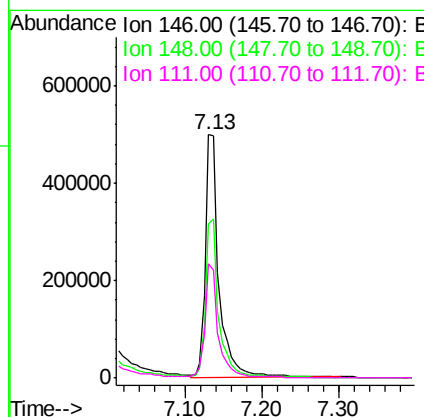
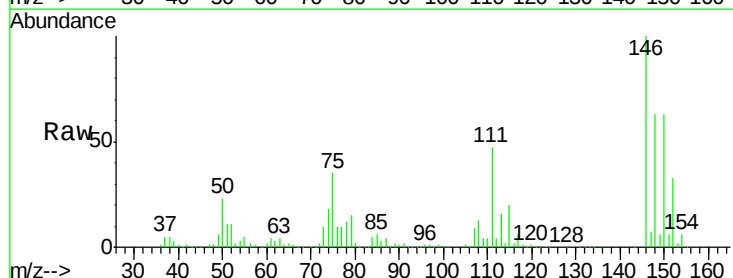
Manual Integrations
APPROVED

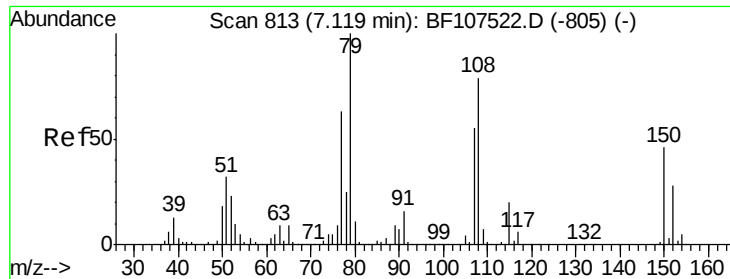
Sohil
7/27/2018 2:54:15 PM



#14
1,2-Dichlorobenzene
Concen: 43.066 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	47.1	36.0	54.0





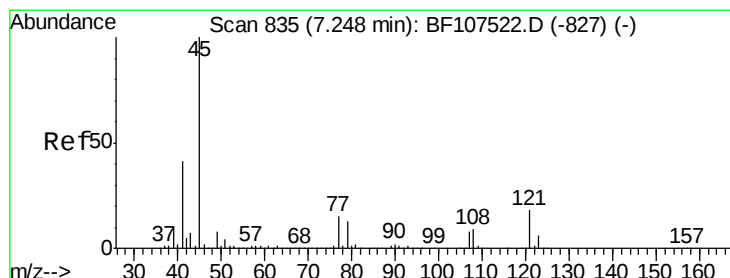
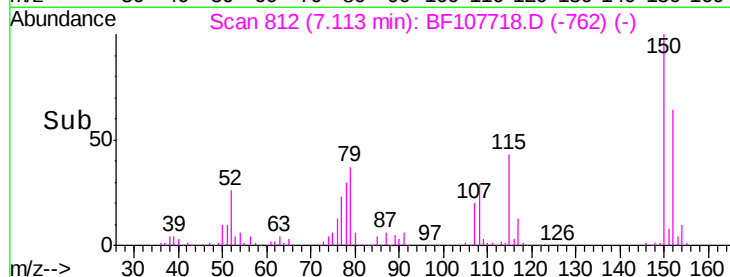
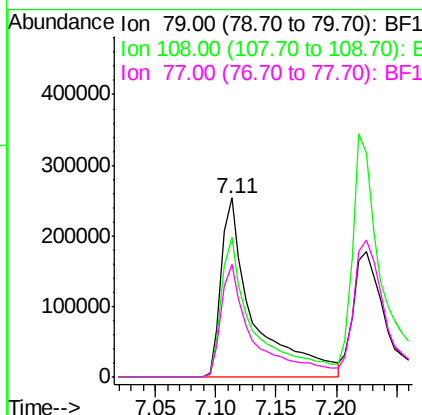
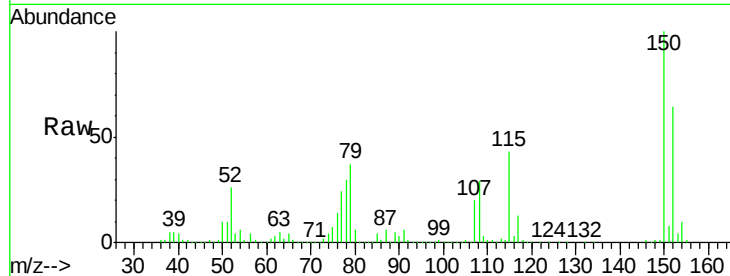
#15
Benzyl Alcohol
Concen: 45.165 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampled :
SP-4MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.0	65.1	97.7
77	63.2	50.6	75.8

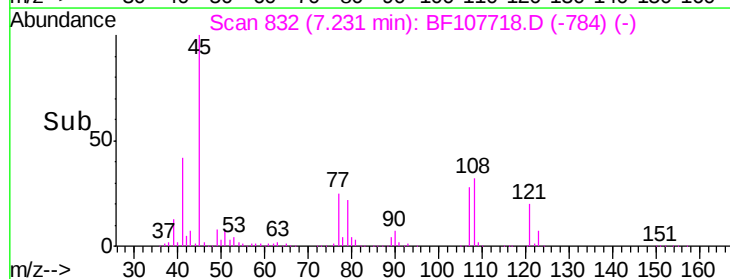
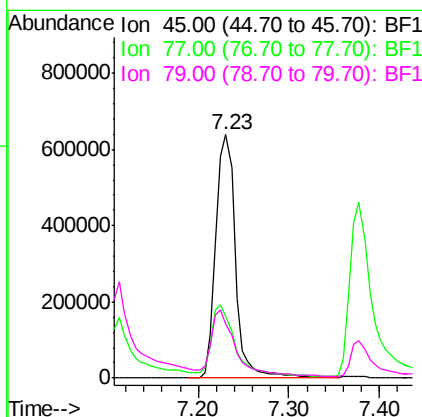
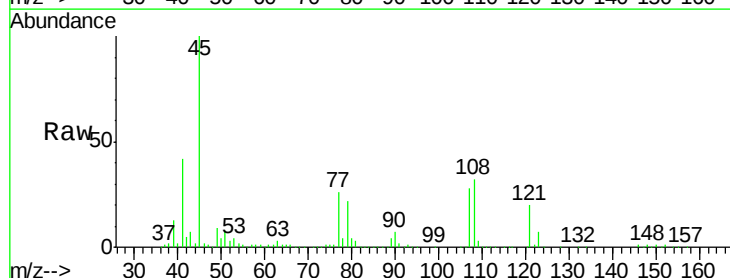
Manual Integrations
APPROVED

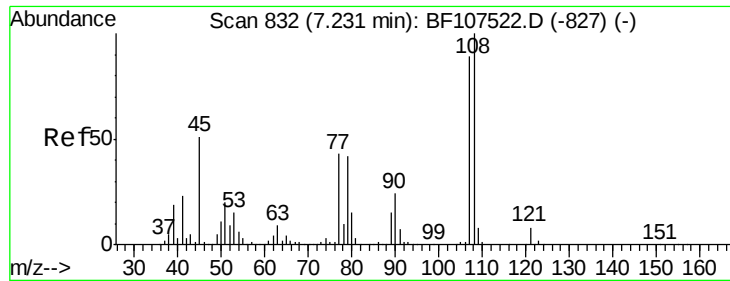
Sohil
7/27/2018 2:54:15 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.835 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.6	0.0	32.9
79	22.3	0.0	29.6





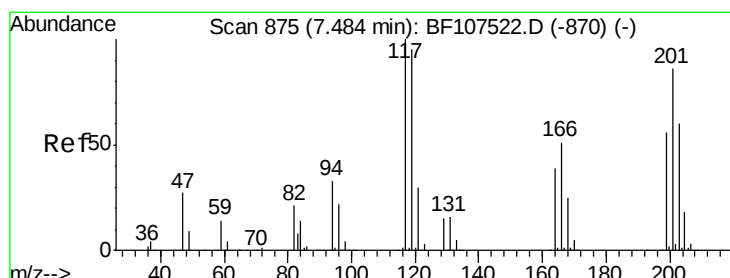
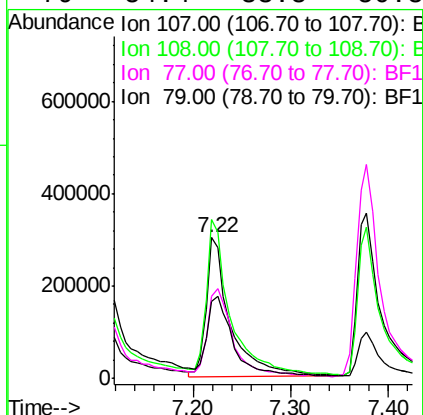
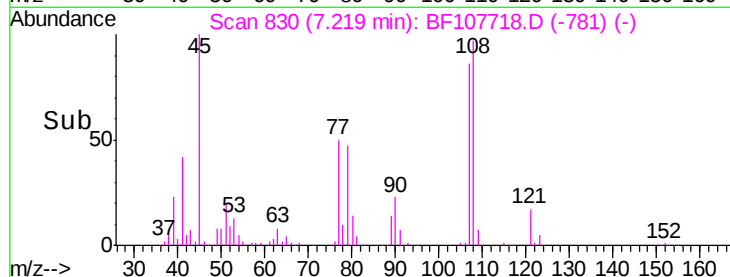
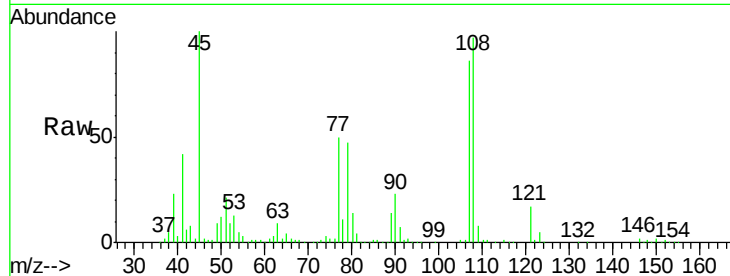
#17
2-Methylphenol
Concen: 44.170 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampled :
SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	91.7	137.5	
77	58.6	33.8	50.8#	
79	54.4	33.8	50.8#	

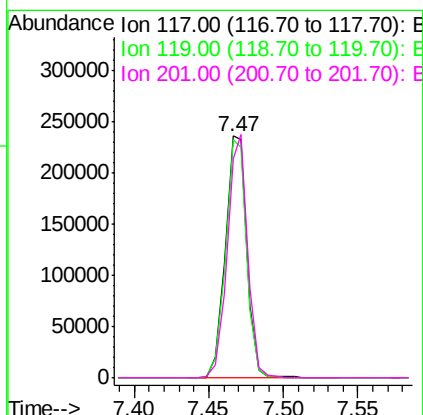
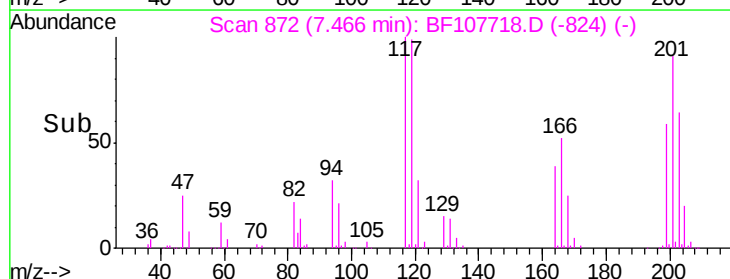
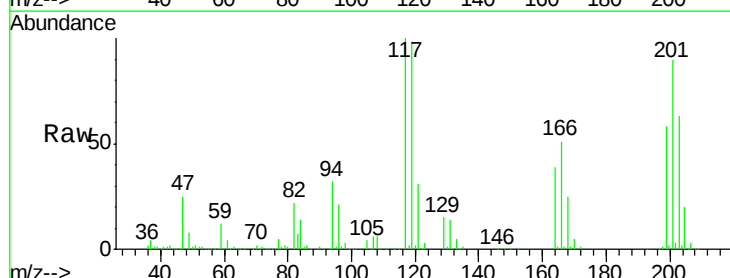
Manual Integrations
APPROVED

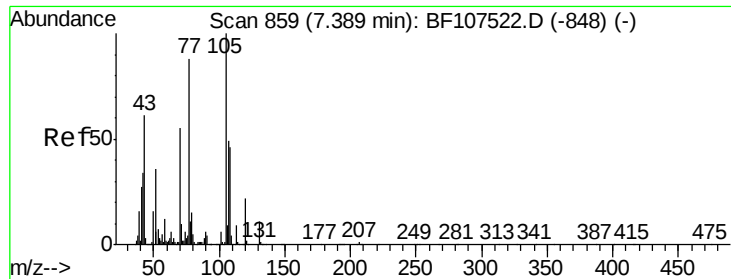
Sohil
7/27/2018 2:54:15 PM



#18
Hexachloroethane
Concen: 43.077 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	75.8	113.8	
201	90.4	75.7	113.5	





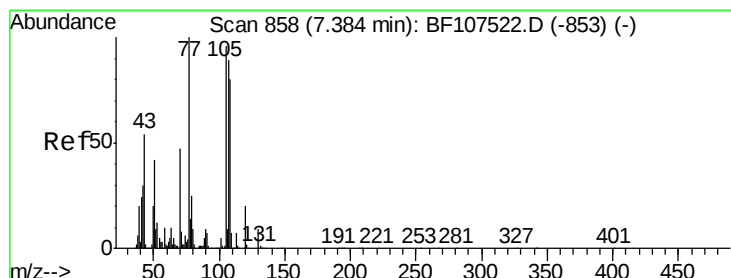
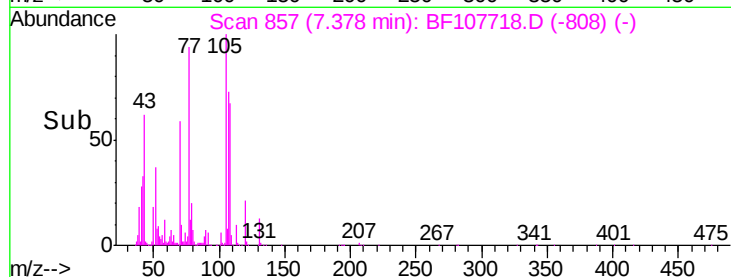
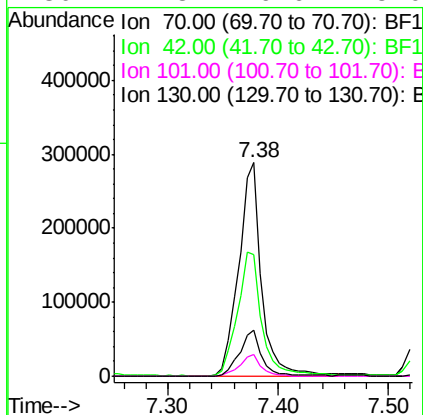
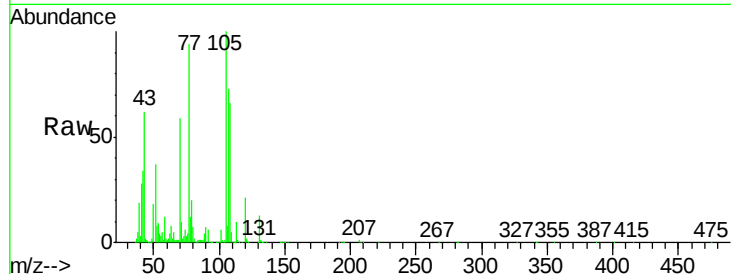
#19
n-Nitroso-di-n-propylamine
Concen: 42.268 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	420994		
42	57.1	47.5	71.3	
101	10.1	7.4	11.2	
130	21.8	16.6	25.0	

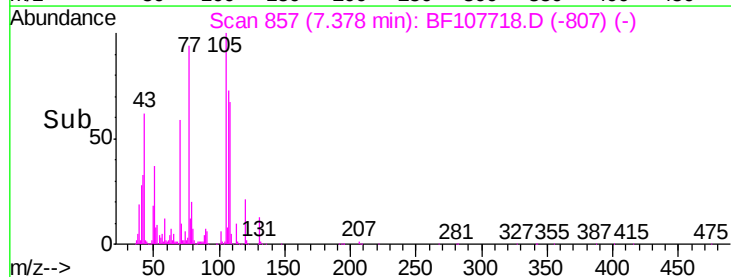
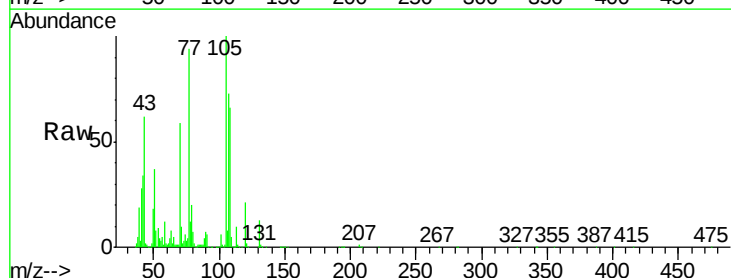
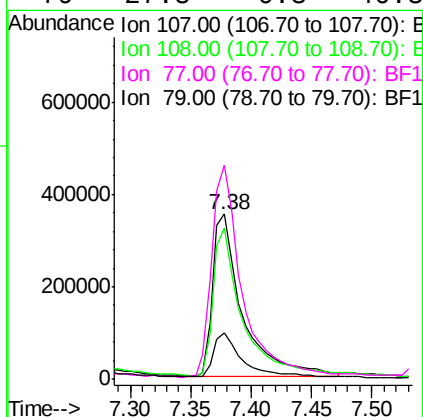
Manual Integrations
APPROVED

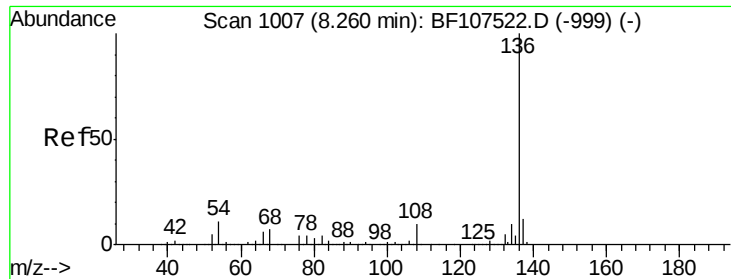
Sohil
7/27/2018 2:54:15 PM



#20
3+4-Methylphenols
Concen: 43.409 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	602677		
108	91.5	68.2	108.2	
77	129.5	26.7	66.7#	
79	27.8	6.3	46.3	





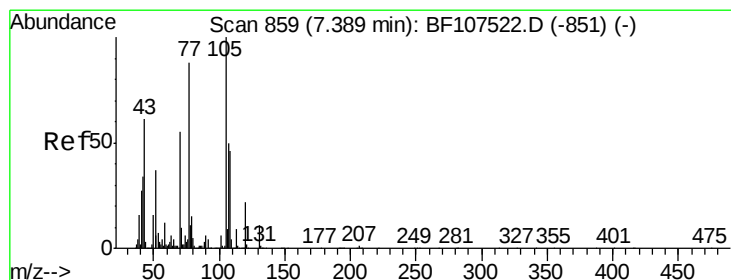
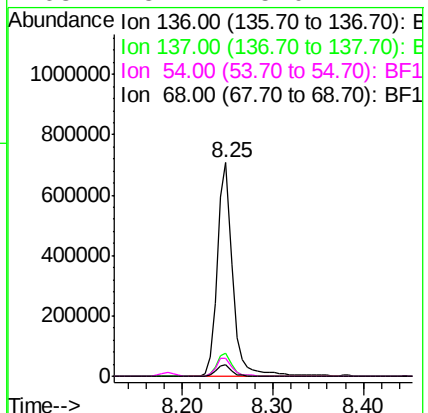
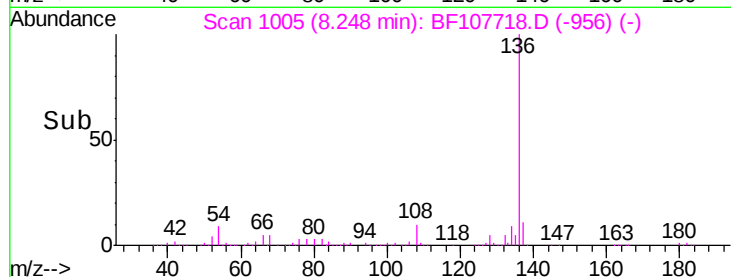
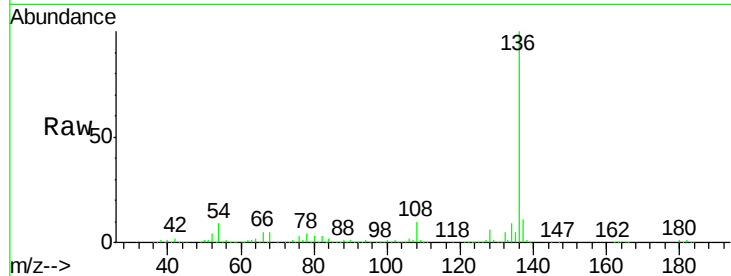
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampled :
SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	823090		
137	10.8	8.9	13.3	
54	8.7	6.6	9.8	
68	5.2	5.0	7.4	

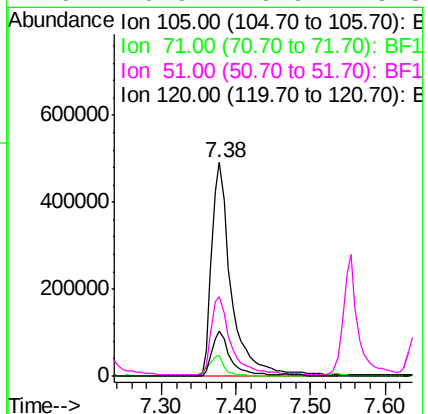
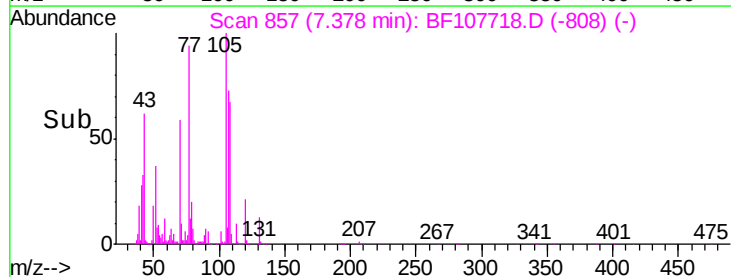
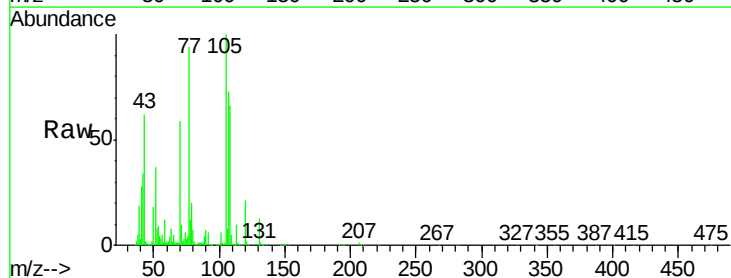
Manual Integrations
APPROVED

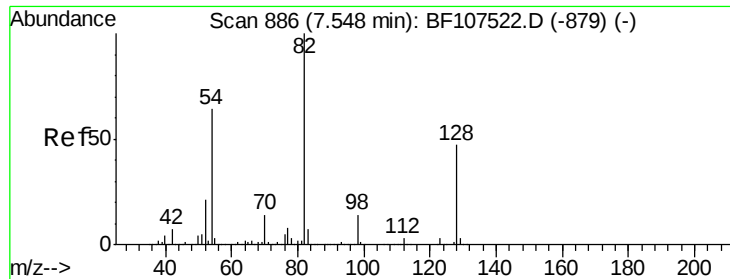
Sohil
7/27/2018 2:54:15 PM



#22
Acetophenone
Concen: 46.494 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	898748		
71	9.7	4.4	6.6#	
51	37.4	22.3	33.5#	
120	20.9	16.9	25.3	





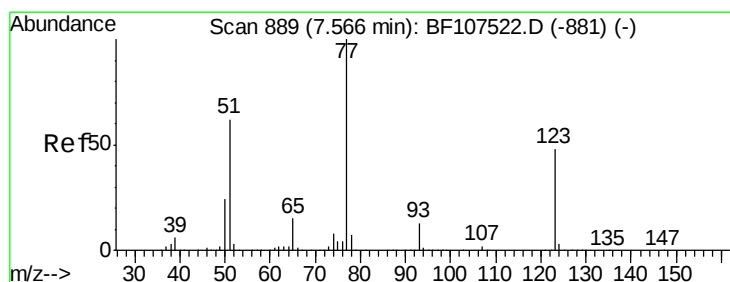
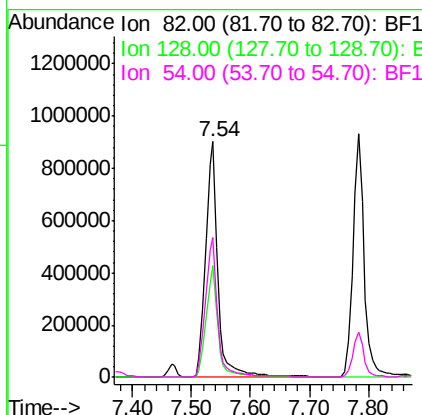
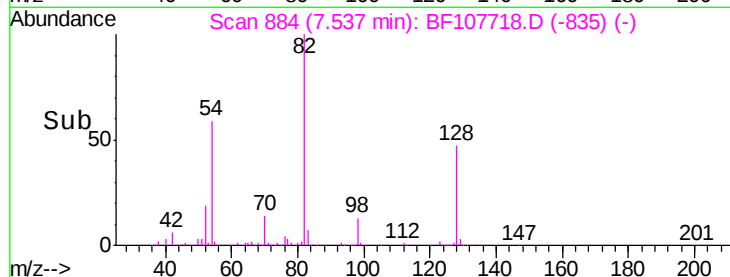
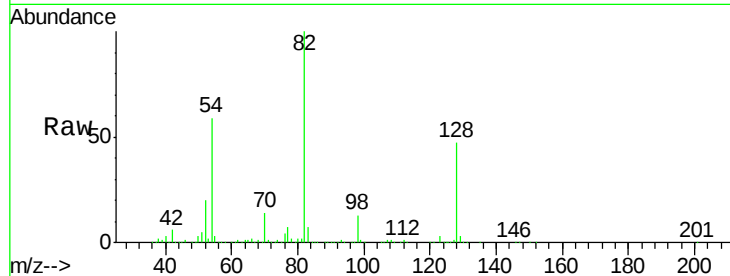
#23
 Nitrobenzene-d5
 Concen: 108.296 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion: 82 Resp: 1320791
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 59.4 41.4 62.2

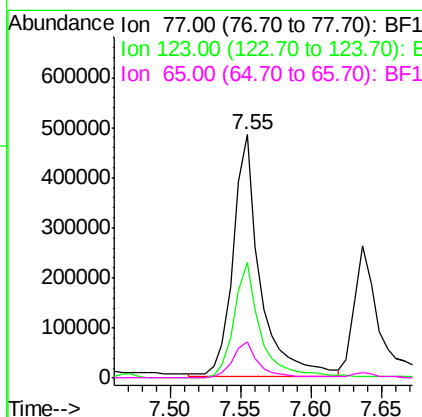
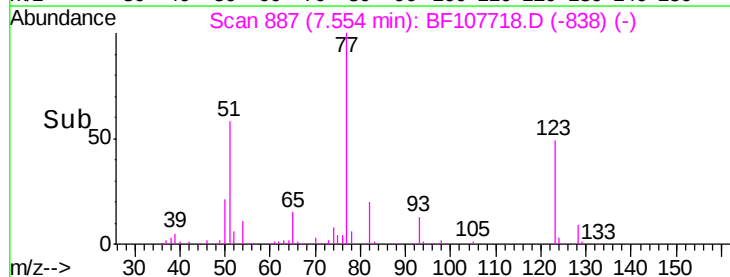
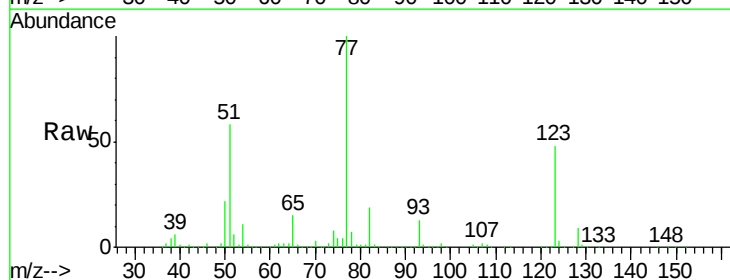
Manual Integrations
 APPROVED

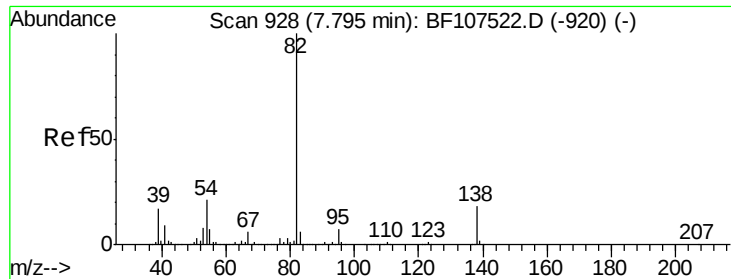
Sohil
 7/27/2018 2:54:15 PM



#24
 Nitrobenzene
 Concen: 45.779 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion: 77 Resp: 639487
 Ion Ratio Lower Upper
 77 100
 123 47.6 37.9 56.9
 65 14.8 11.0 16.4





#25

Isophorone

Concen: 48.313 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion: 82 Resp: 1258125

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

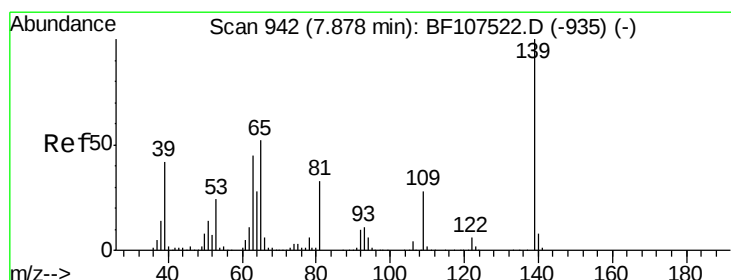
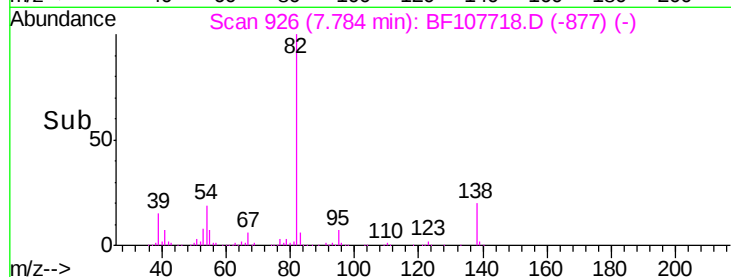
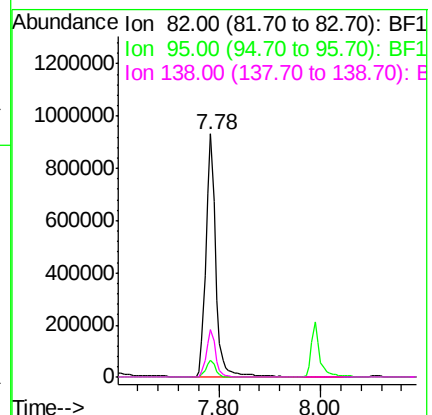
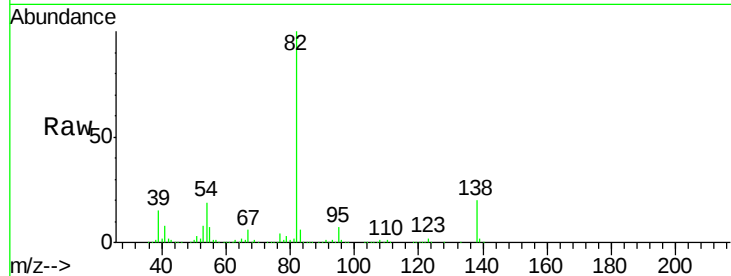
138 19.8 14.9 22.3

Manual Integrations

APPROVED

Sohil

7/27/2018 2:54:15 PM



#26

2-Nitrophenol

Concen: 61.653 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

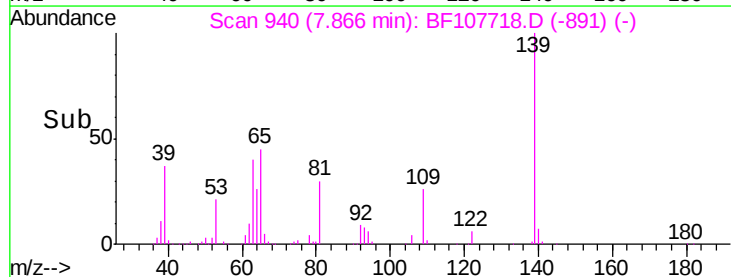
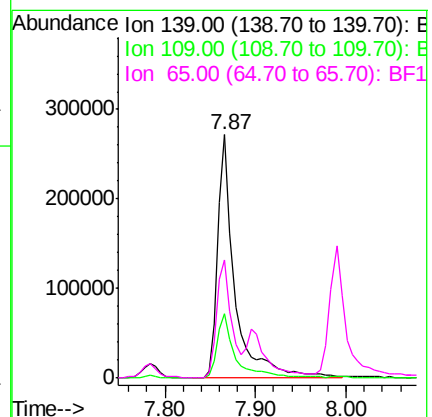
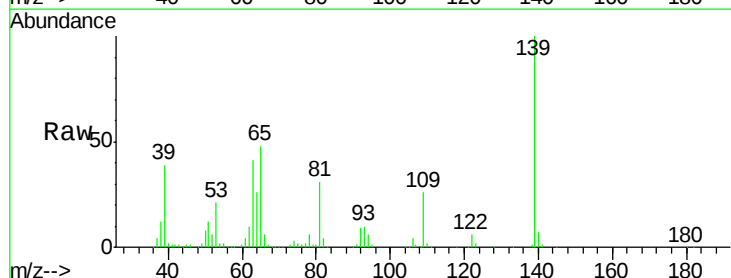
Tgt Ion: 139 Resp: 363696

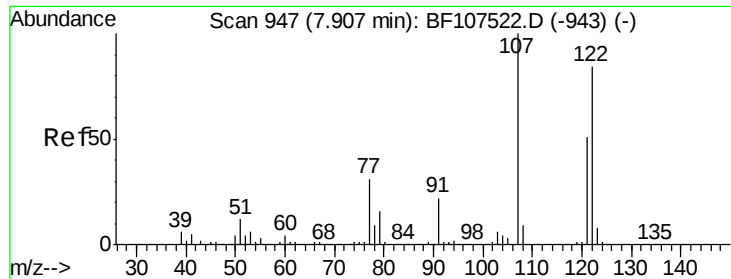
Ion Ratio Lower Upper

139 100

109 26.4 22.7 34.1

65 48.4 40.5 60.7





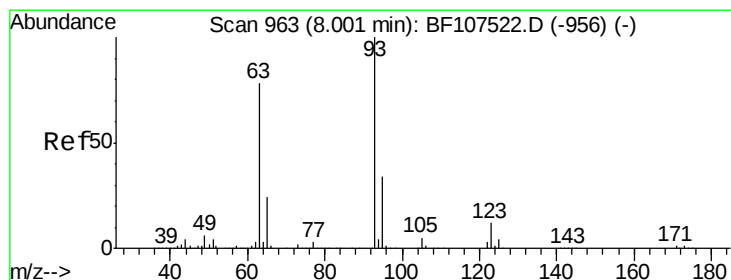
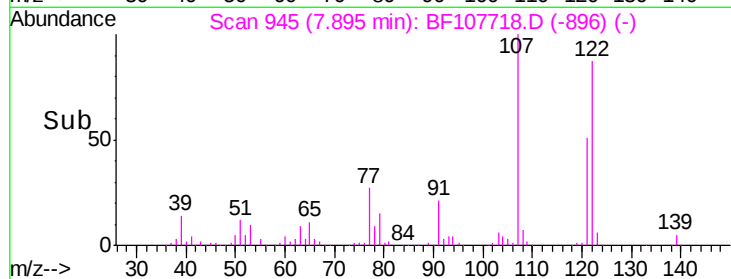
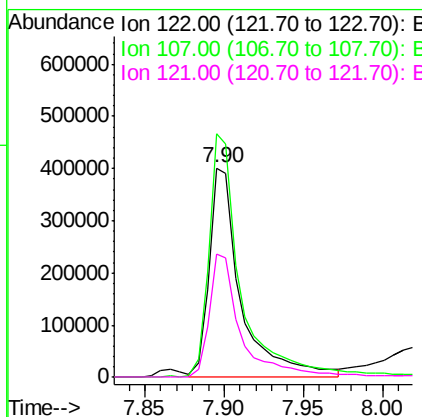
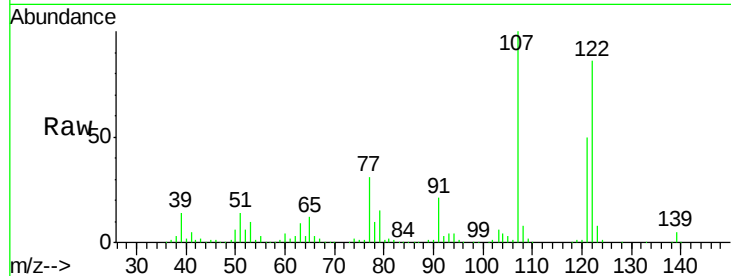
#27
2,4-Dimethylphenol
Concen: 50.120 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	559648		
107	116.4	91.2	136.8	
121	58.7	47.2	70.8	

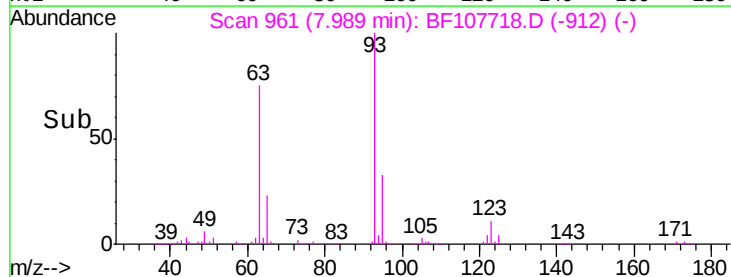
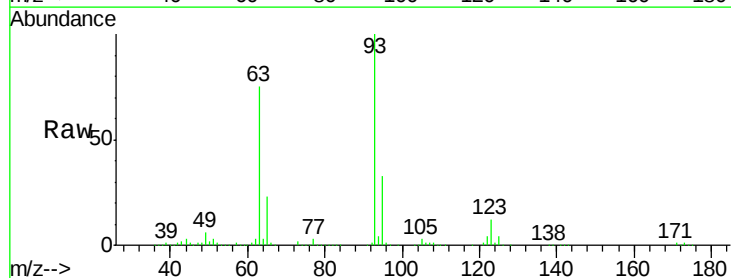
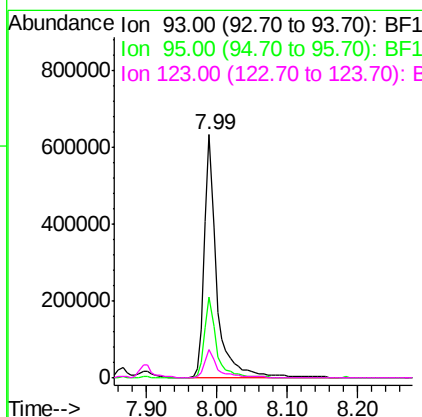
Manual Integrations
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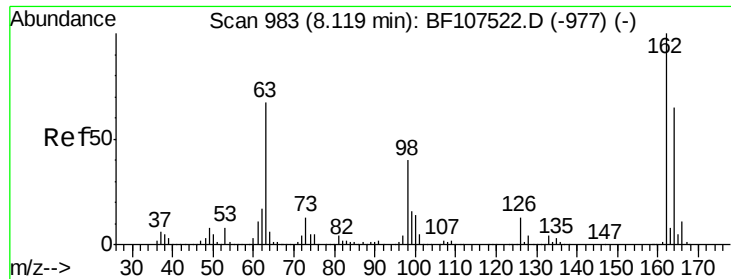
Sohil
7/27/2018 2:54:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.135 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	768077		
95	33.5	26.3	39.5	
123	11.8	9.8	14.6	





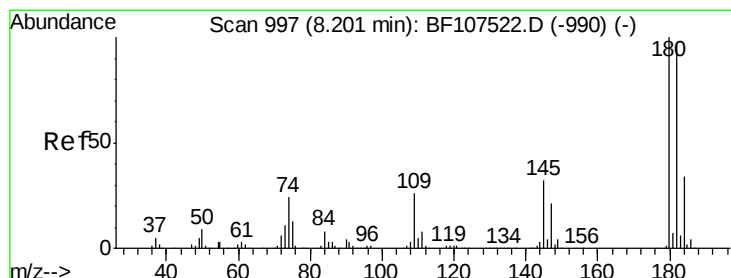
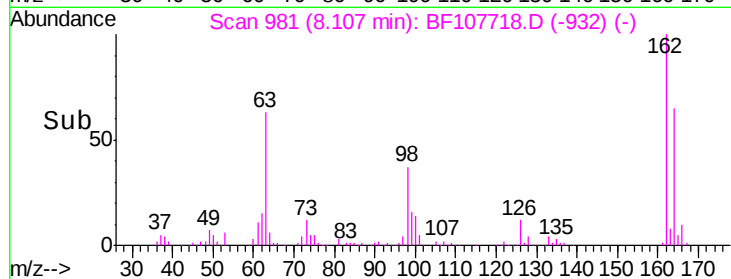
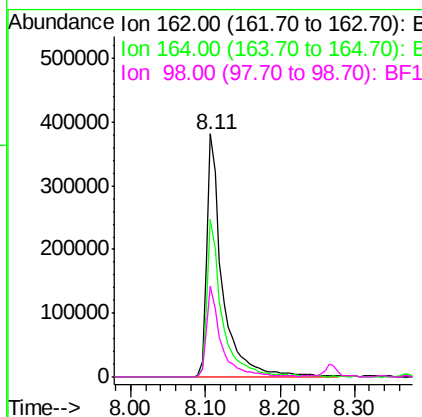
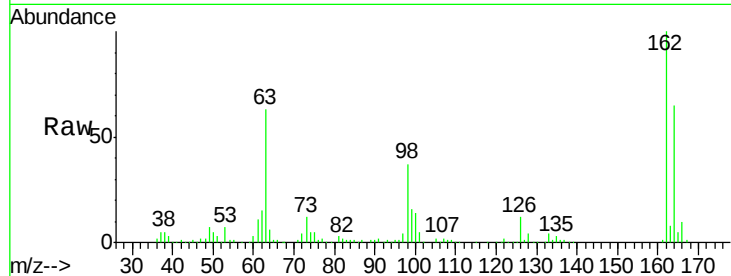
#29
2,4-Dichlorophenol
Concen: 49.220 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	561746		
164	65.0	42.7	82.7	
98	37.4	18.1	58.1	

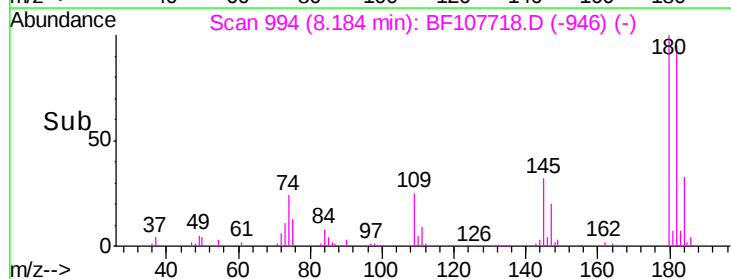
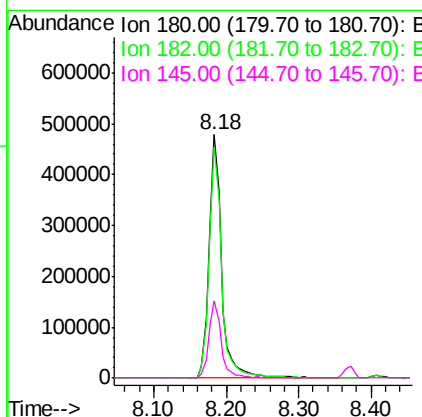
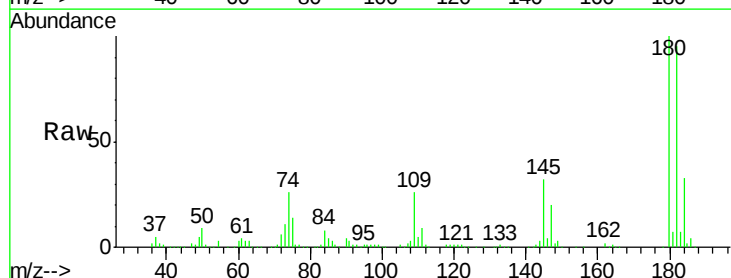
Manual Integrations
APPROVED

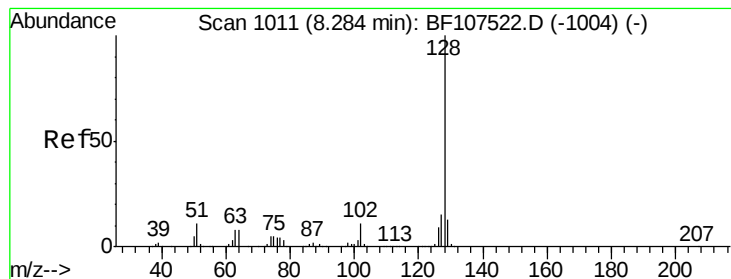
Sohil
7/27/2018 2:54:15 PM



#30
1,2,4-Trichlorobenzene
Concen: 45.246 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	580000		
182	95.0	76.8	115.2	
145	31.8	26.5	39.7	





#31

Naphthalene

Concen: 49.881 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

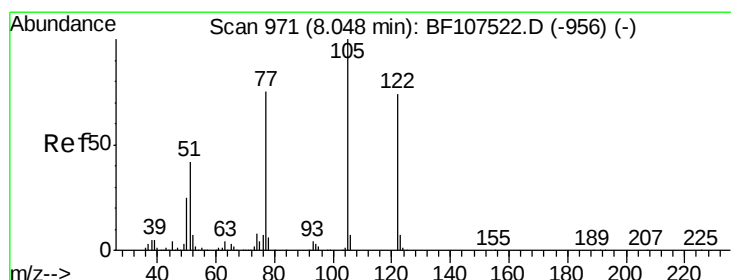
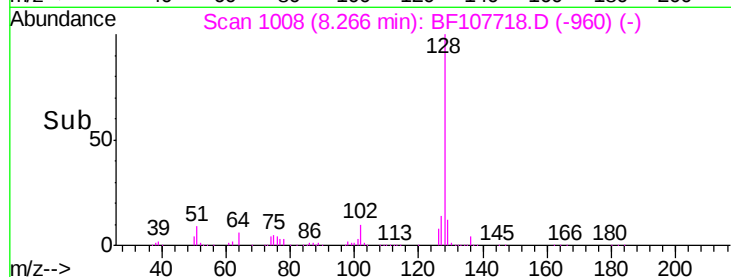
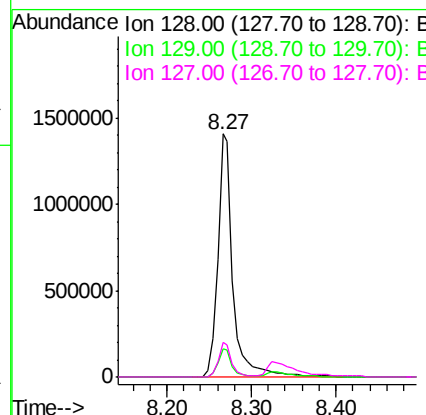
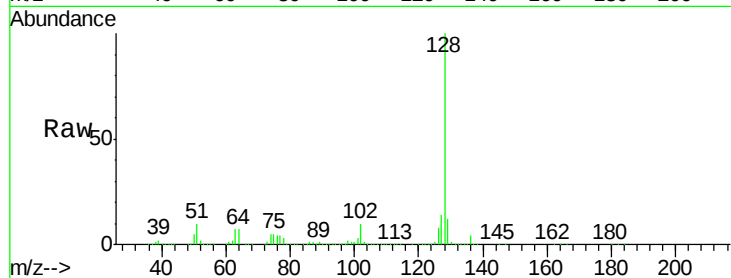
ClientSampleId :

SP-4MS

Tgt Ion:	128	Resp:	1805441
Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.2	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 26.304 ng

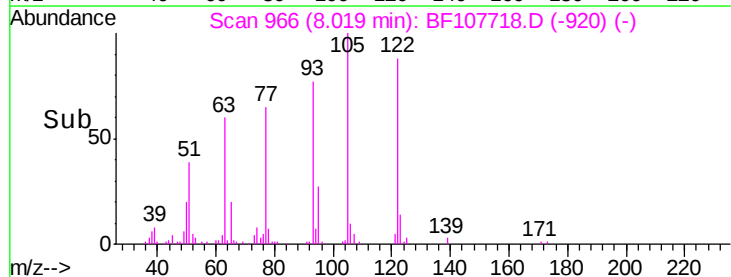
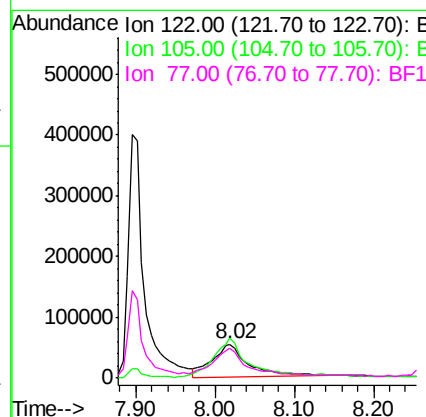
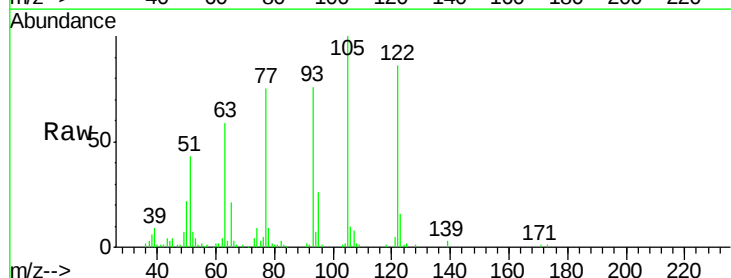
RT: 8.02 min Scan# 966

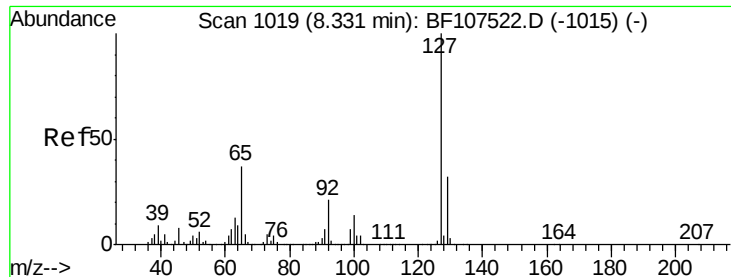
Delta R.T. -0.03 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Tgt Ion:	122	Resp:	171733
Ion	Ratio	Lower	Upper
122	100		
105	116.7	101.1	141.1
77	87.7	70.7	110.7





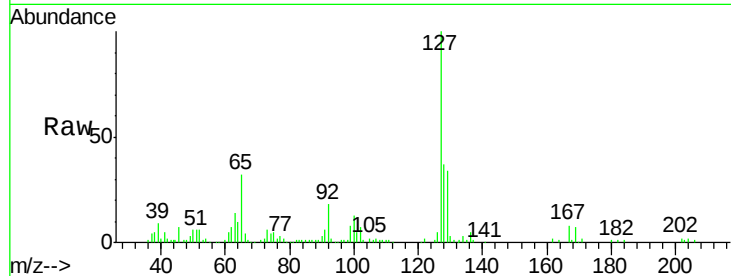
#33
4-Chloroaniline
Concen: 15.587 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	246583		
129	34.1	25.9	38.9	
65	32.2	25.0	37.4	
92	17.6	15.2	22.8	

Manual Integrations
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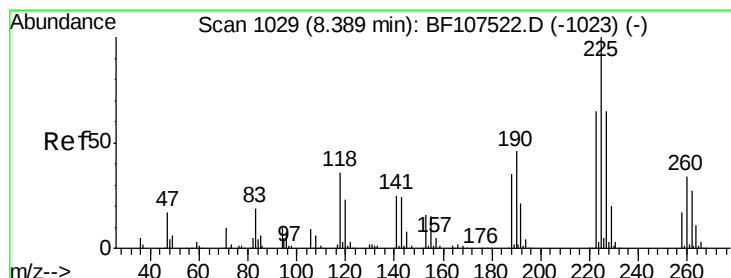
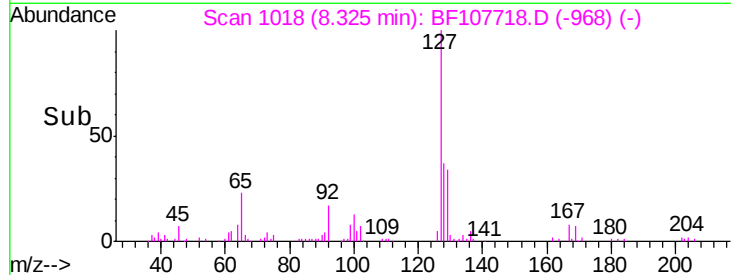
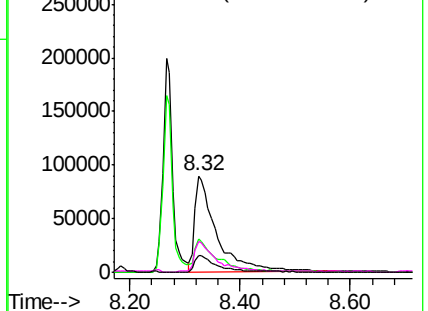
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

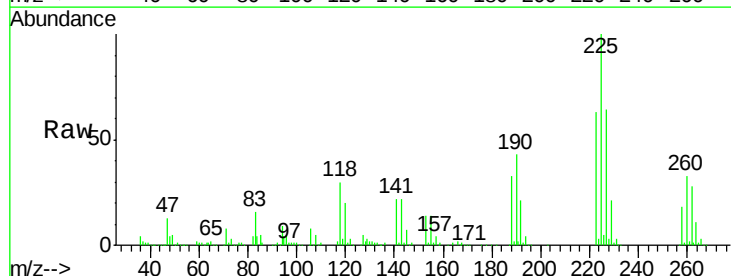
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 44.023 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	335322		
223	63.0	50.6	76.0	
227	63.9	51.9	77.9	

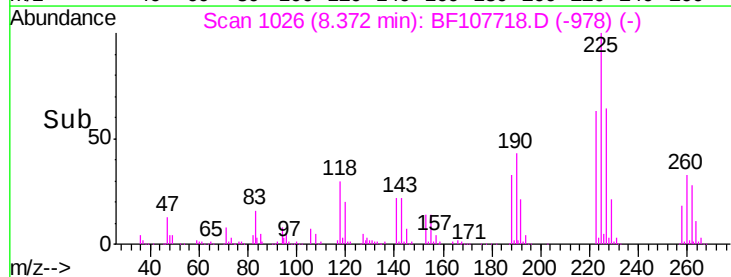
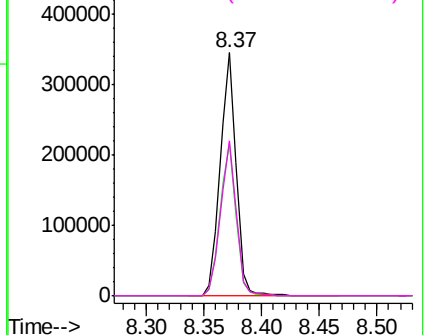


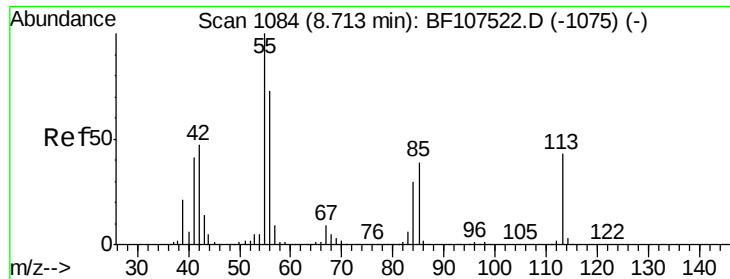
Abundance

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





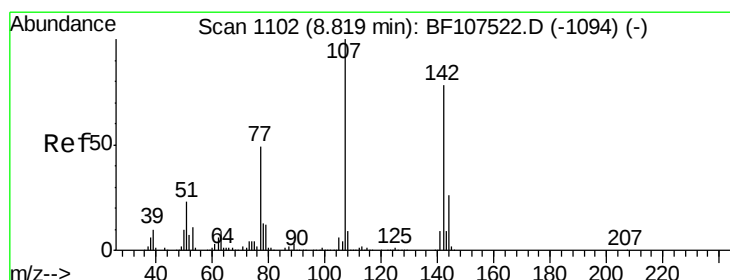
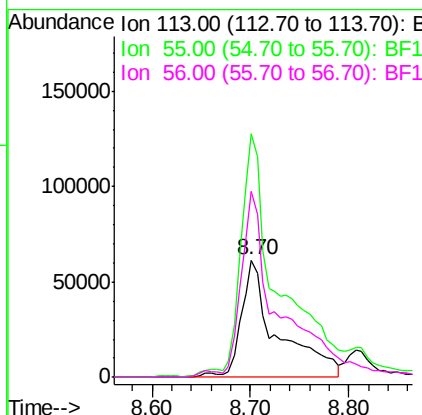
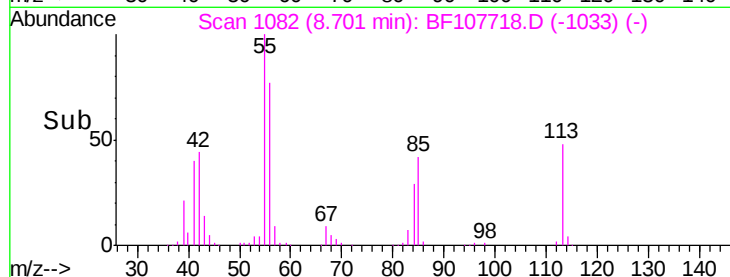
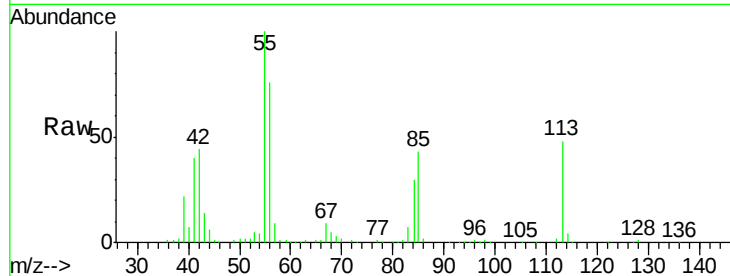
#35
 Caprolactam
 Concen: 42.426 ng m
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion:113 Resp: 157494
 Ion Ratio Lower Upper
 113 100
 55 207.3 163.3 203.3#
 56 158.0 115.7 155.7#

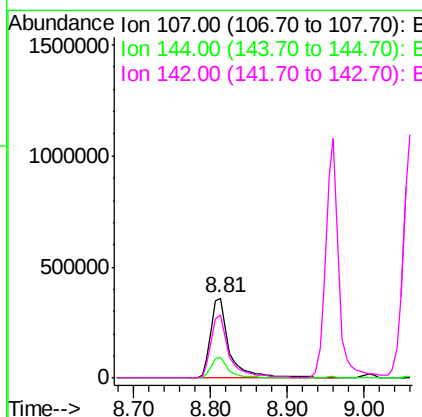
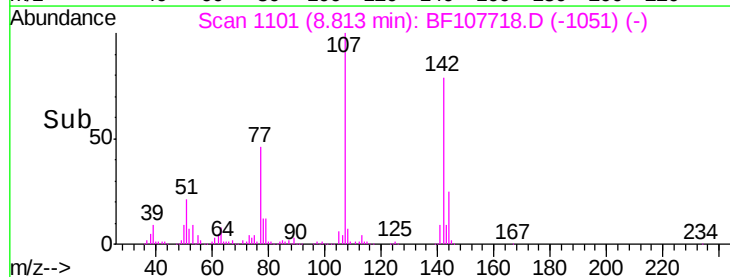
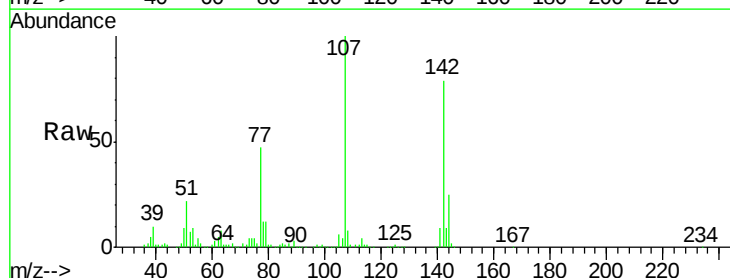
Manual Integrations
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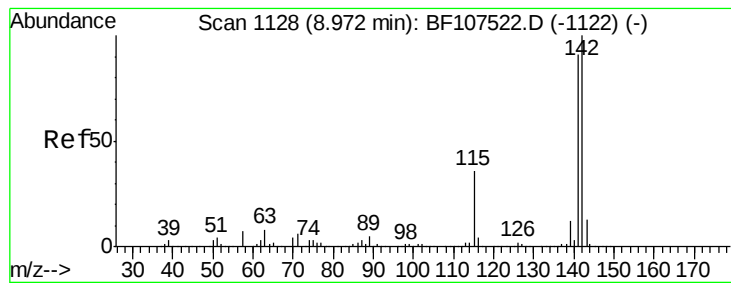
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#36
 4-Chloro-3-methylphenol
 Concen: 48.121 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:107 Resp: 610069
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 78.7 62.0 93.0





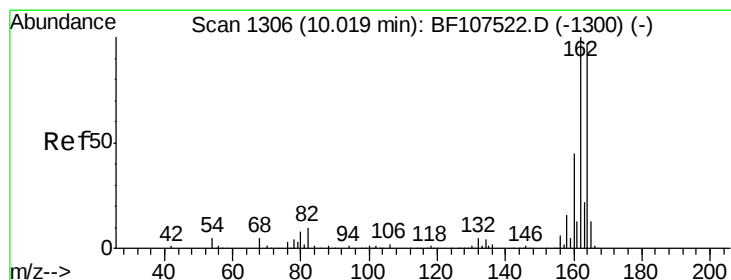
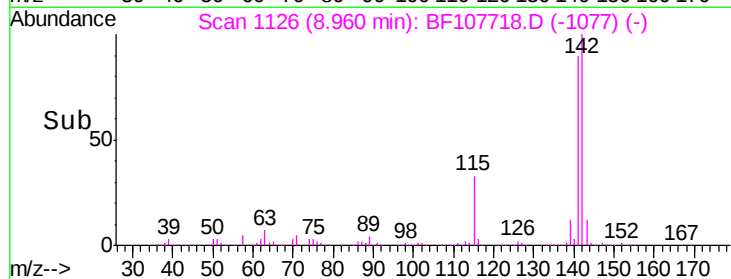
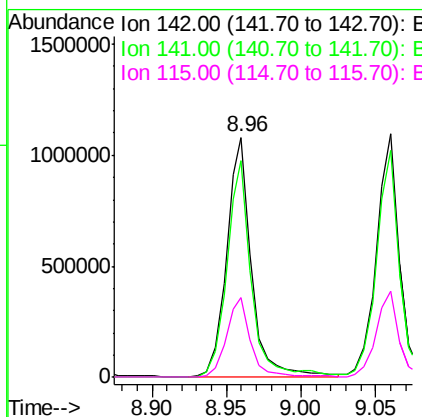
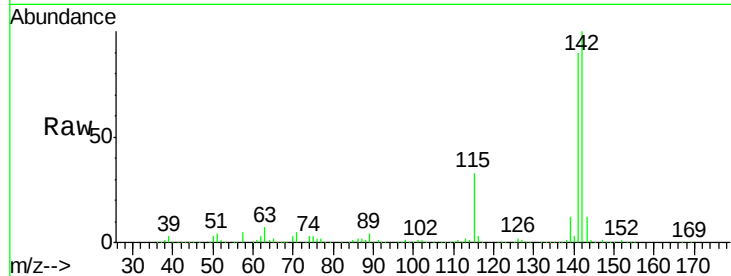
#37
2-Methylnaphthalene
Concen: 50.455 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	33.4	26.1	39.1

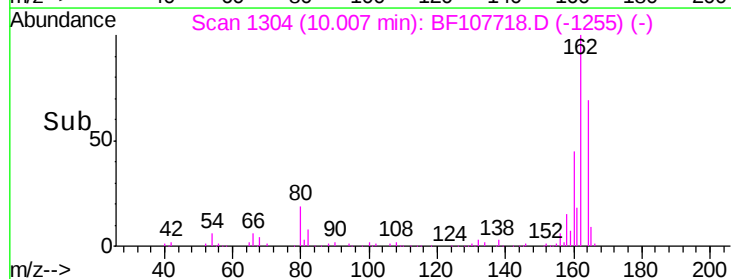
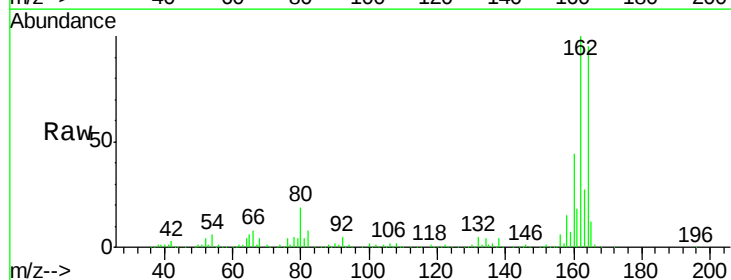
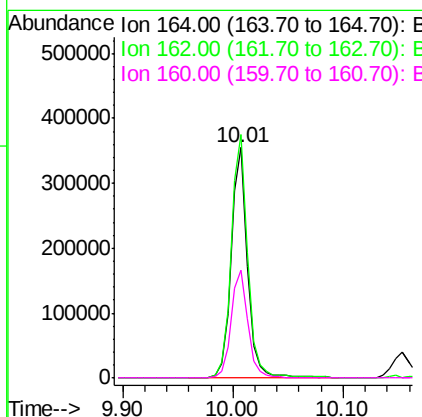
Manual Integrations
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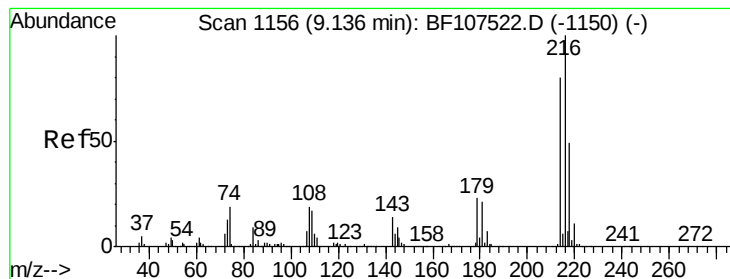
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.538 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

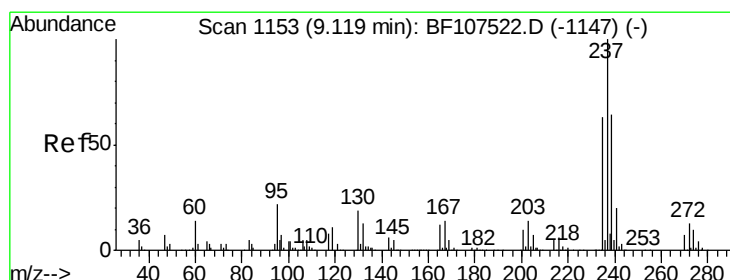
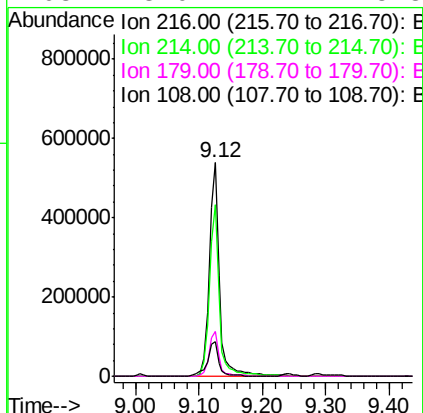
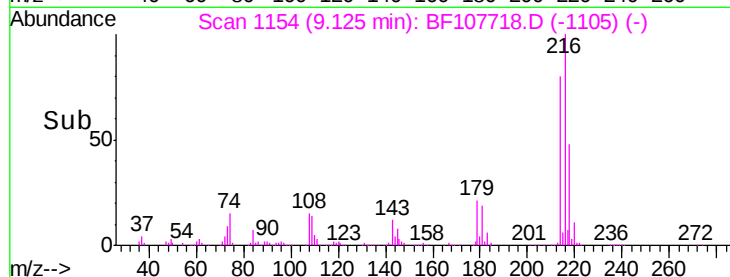
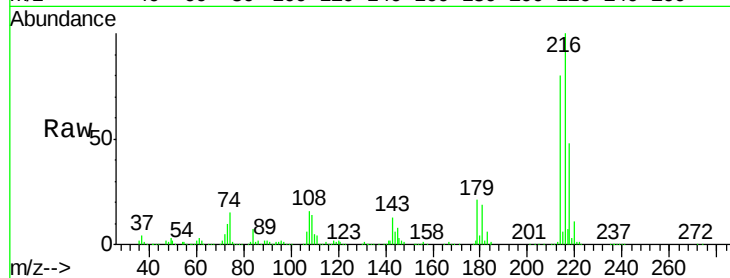
SP-4MS

Tgt Ion:	216	Resp:	601104
Ion Ratio		Lower	Upper
216	100		
214	79.3	63.0	94.4
179	21.2	18.1	27.1
108	18.0	17.2	25.8

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 53.357 ng

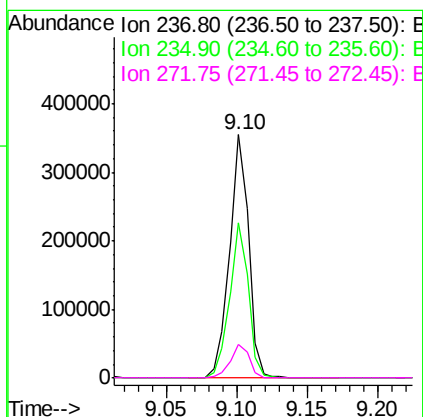
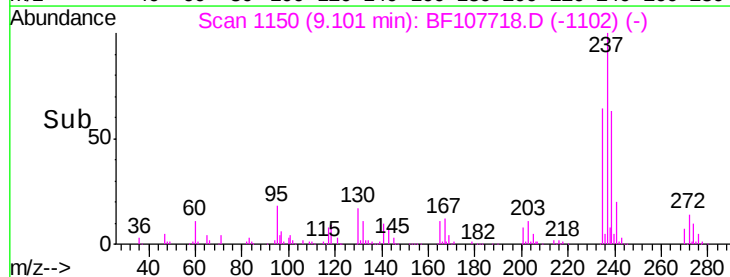
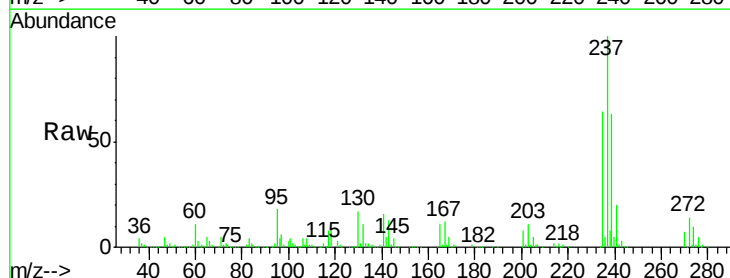
RT: 9.10 min Scan# 1150

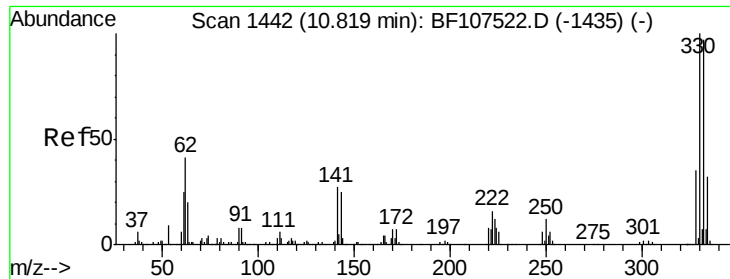
Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Tgt Ion:	237	Resp:	335905
Ion Ratio		Lower	Upper
237	100		
235	63.6	44.8	84.8
272	13.6	0.0	33.3





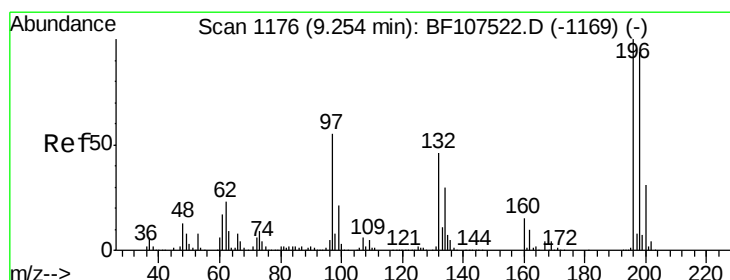
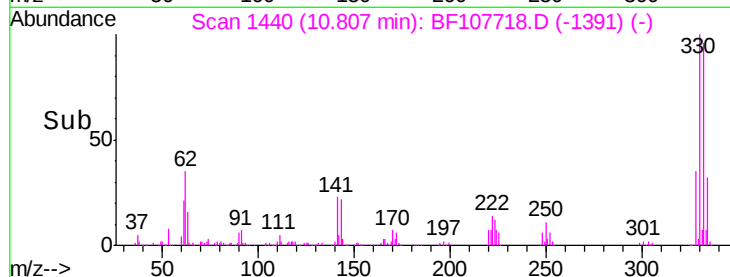
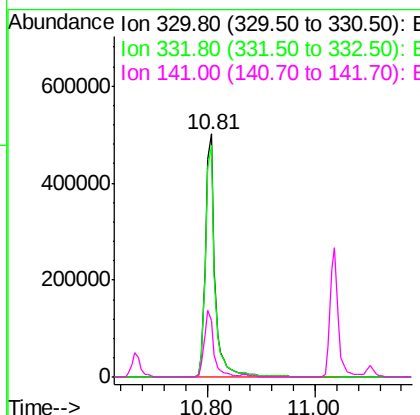
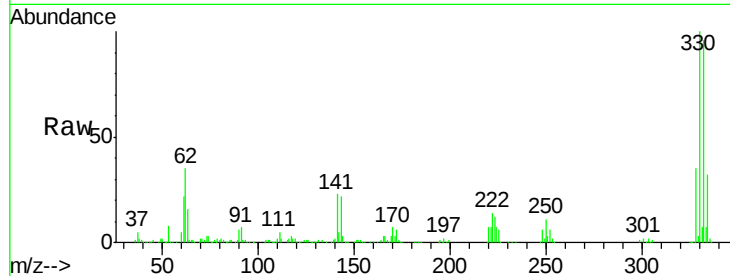
#41
 2,4,6-Tribromophenol
 Concen: 148.755 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	628075		
332	95.9	77.0	115.6	
141	26.7	29.9	44.9#	

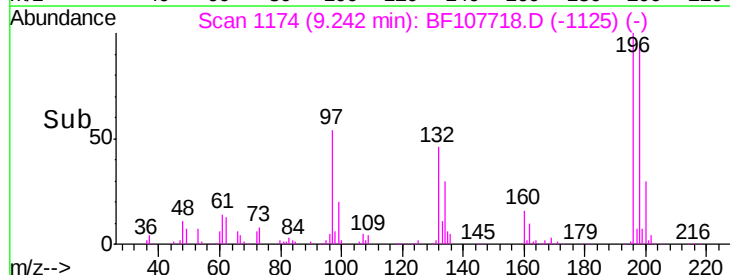
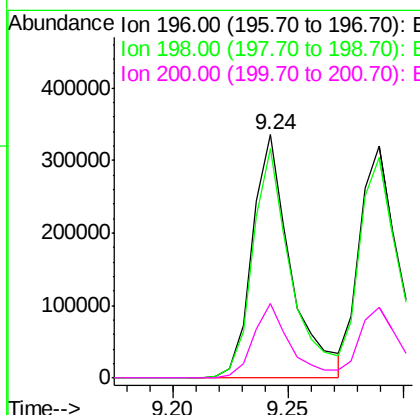
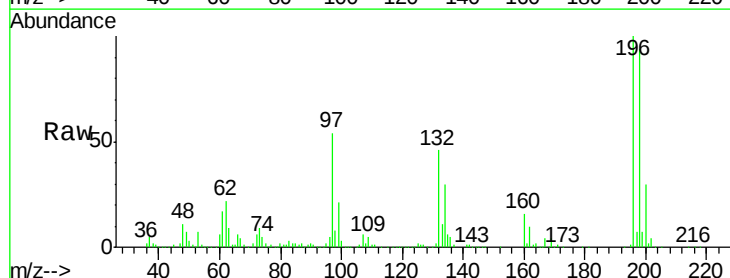
Manual Integrations
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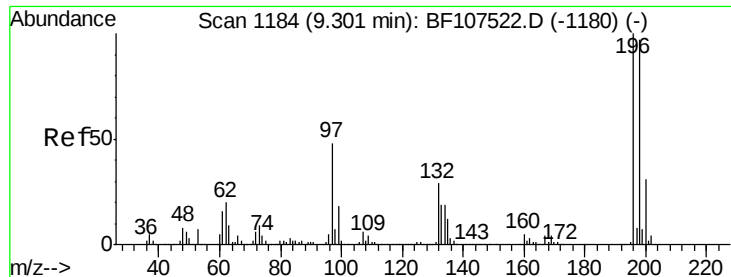
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 49.305 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	390842		
198	94.1	75.7	113.5	
200	30.5	24.5	36.7	





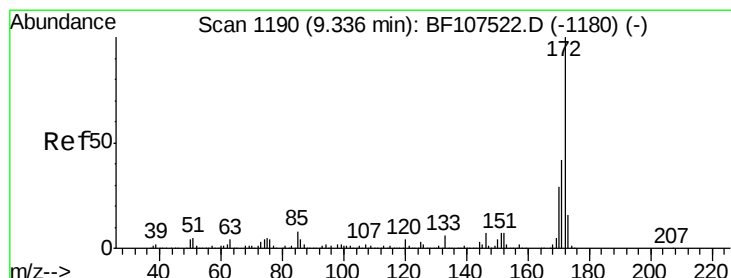
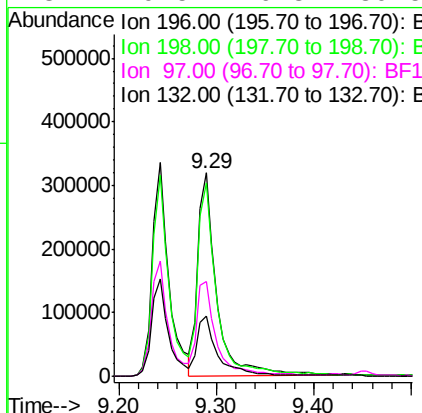
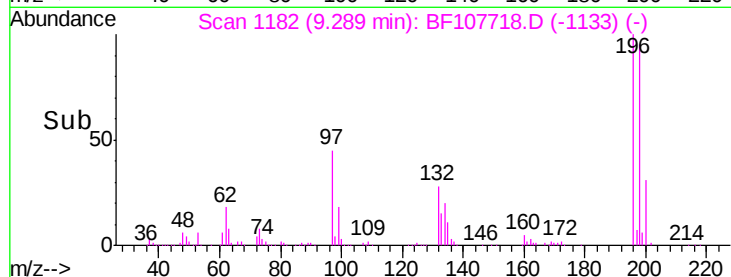
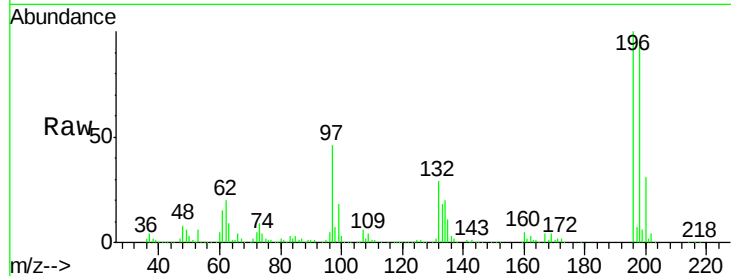
#43
 2,4,5-Trichlorophenol
 Concen: 51.164 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		423884		
198	95.0	74.6	112.0		
97	46.5	42.9	64.3		
132	29.5	26.3	39.5		

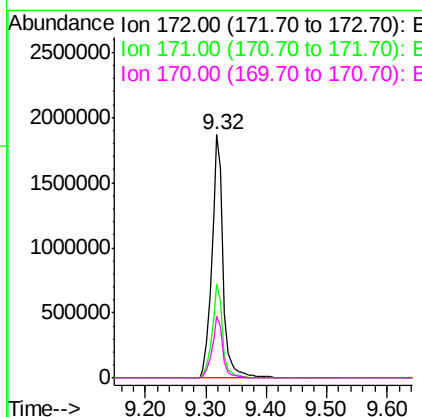
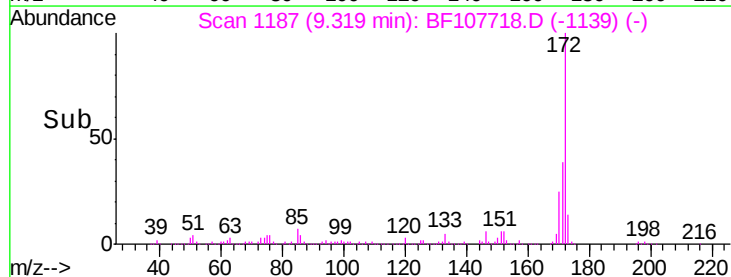
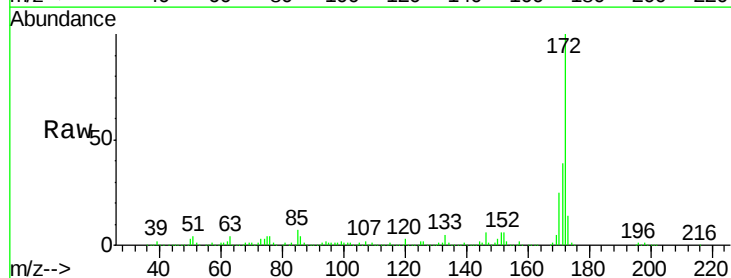
Manual Integrations
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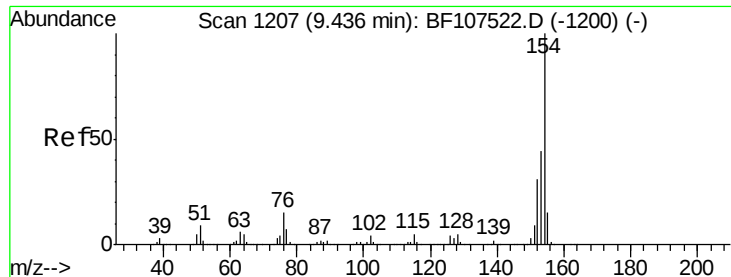
Sohil
 7/27/2018 2:54:15 PM



#44
 2-Fluorobiphenyl
 Concen: 129.222 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2434622		
171	38.5	29.7	44.5		
170	25.5	19.6	29.4		





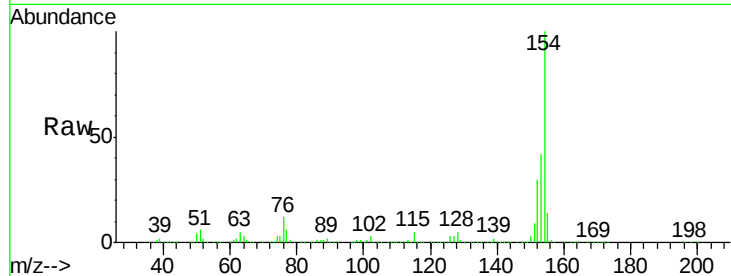
#45
 1,1'-Biphenyl
 Concen: 47.436 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

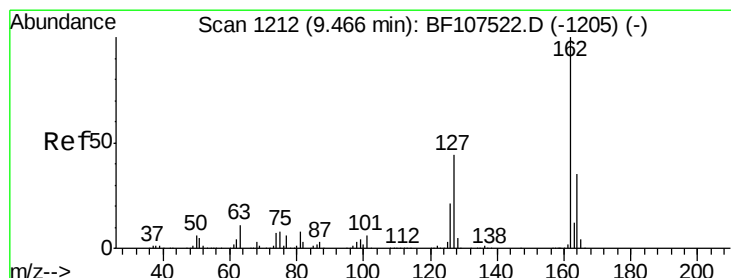
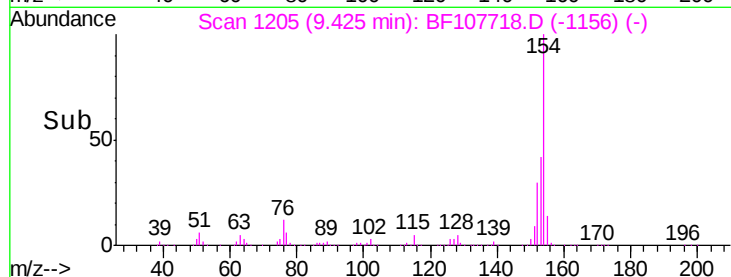
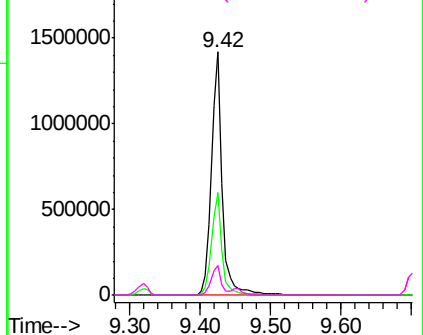
Tgt Ion:154 Resp: 1534266
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.3 61.3
 76 12.0 0.0 34.0

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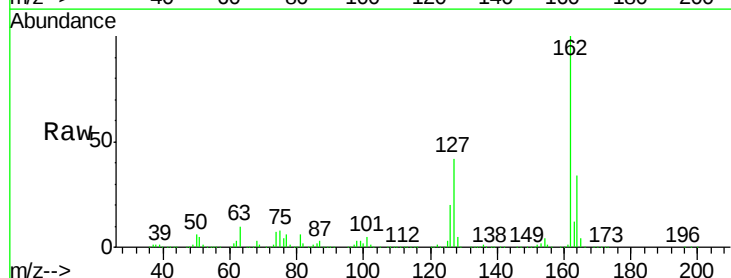


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

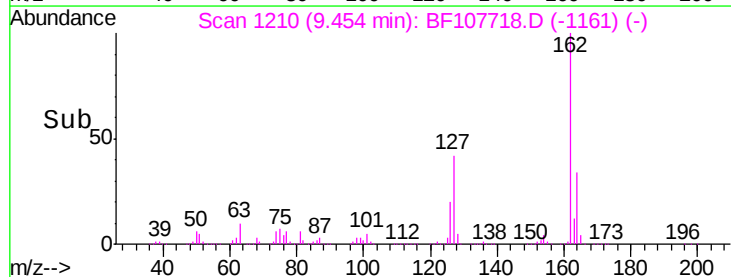
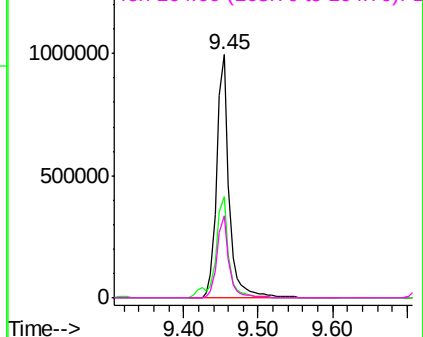


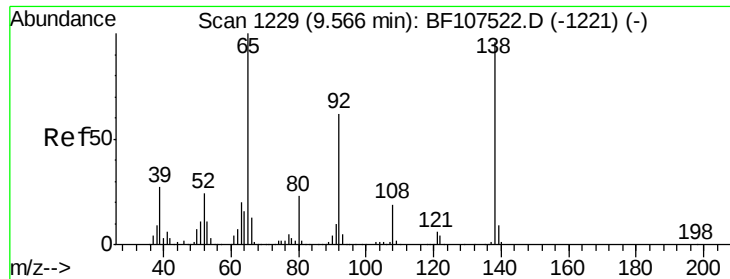
#46
 2-Chloronaphthalene
 Concen: 46.481 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:162 Resp: 1149143
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.9 50.9
 164 33.7 26.5 39.7



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





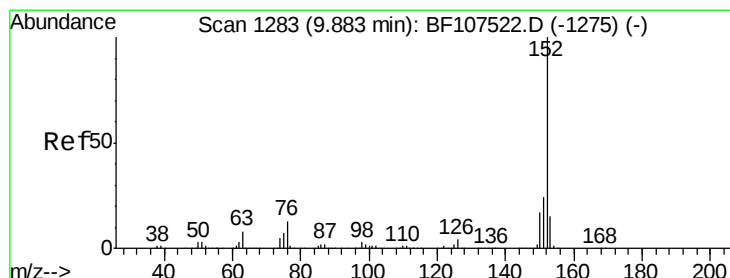
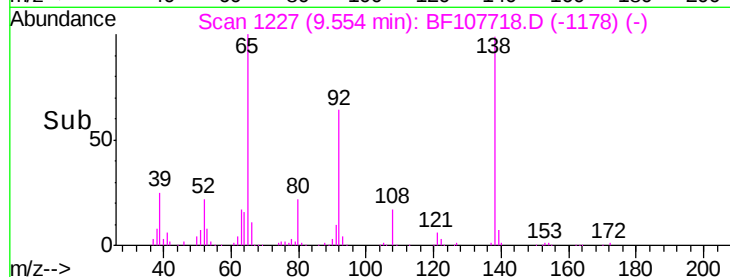
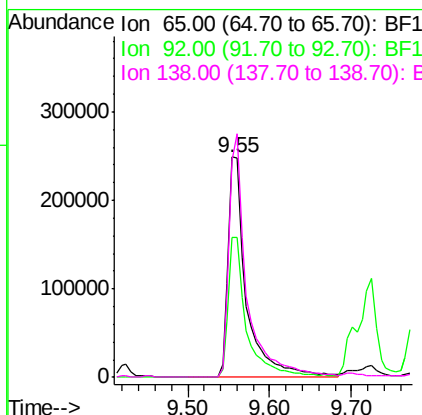
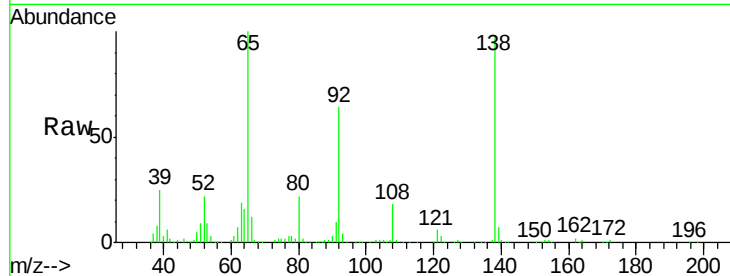
#47
2-Nitroaniline
Concen: 54.413 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampled :
SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	392187		
92	63.8	55.8	83.6	
138	98.4	91.2	136.8	

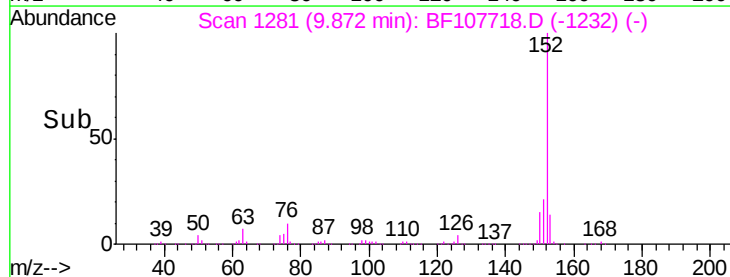
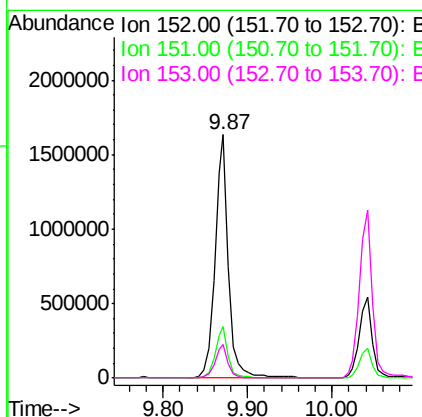
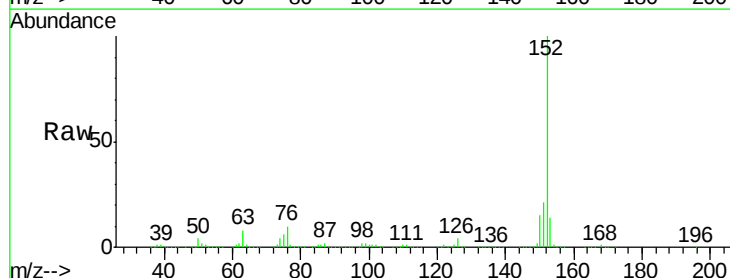
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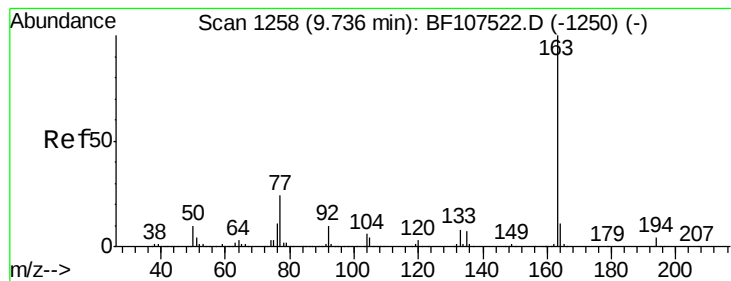
Sohil
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#48
Acenaphthylene
Concen: 49.639 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1843545		
151	21.4	16.3	24.5	
153	14.1	10.7	16.1	





#49

Dimethylphthalate

Concen: 51.653 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion:163 Resp: 1445425

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

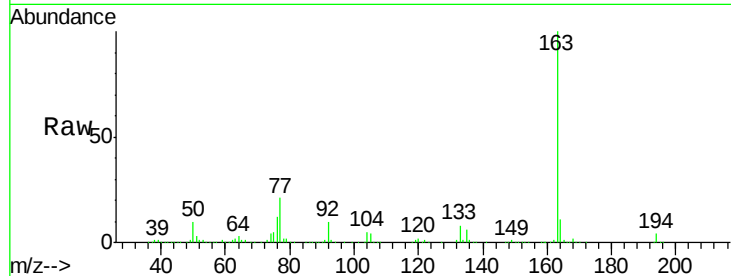
164 10.9 8.2 12.2

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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

9.72

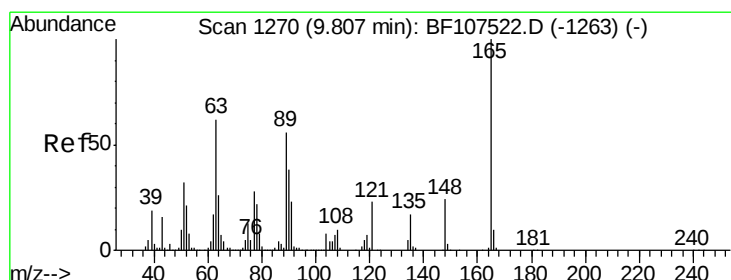
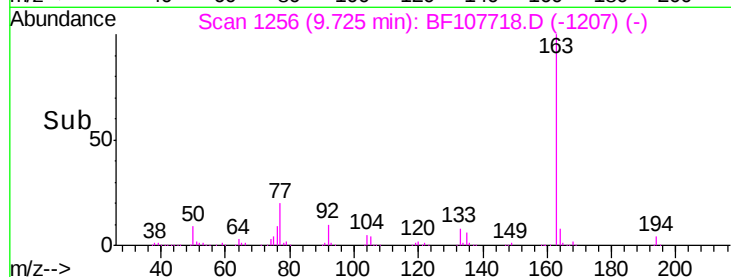
1500000

1000000

500000

0

Time-->



#50

2,6-Dinitrotoluene

Concen: 53.034 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

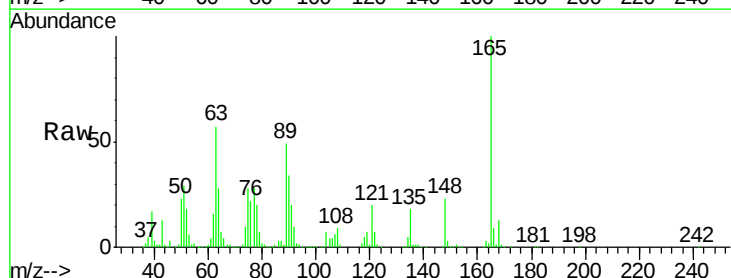
Tgt Ion:165 Resp: 294644

Ion Ratio Lower Upper

165 100

63 57.1 44.7 67.1

89 49.0 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

9.80

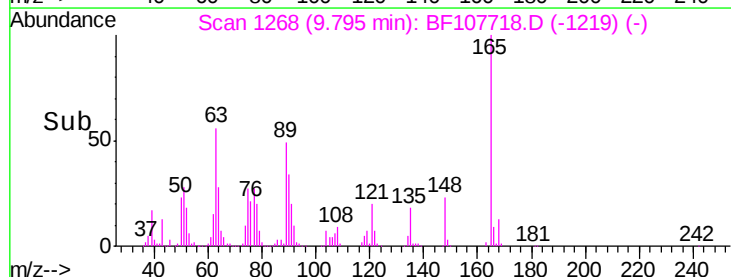
300000

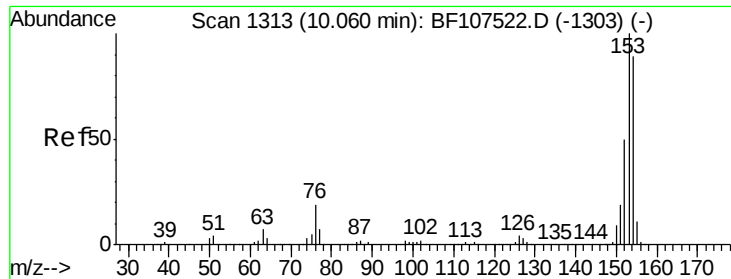
200000

100000

0

Time-->





#51

Acenaphthene

Concen: 44.066 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion:154 Resp: 1025392

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

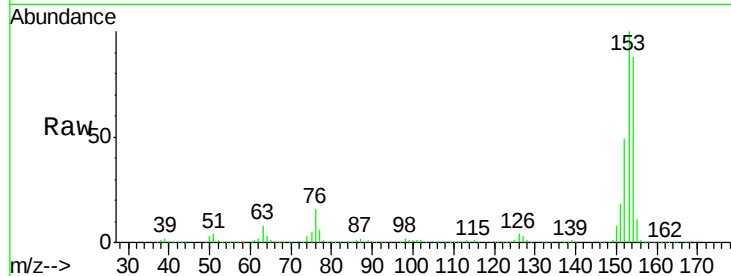
152 55.4 43.8 65.8

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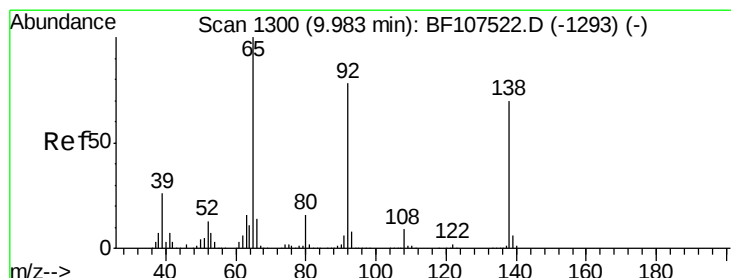
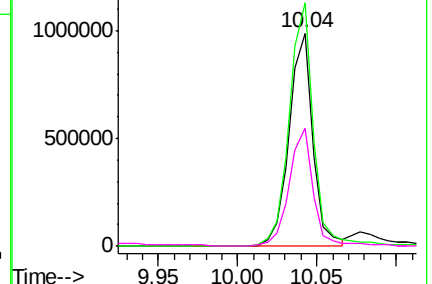
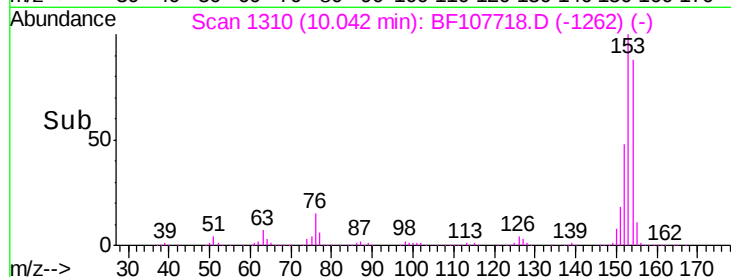
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.302 ng

RT: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

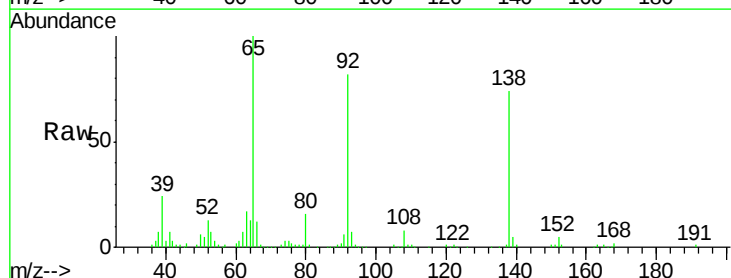
Tgt Ion:138 Resp: 157499

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

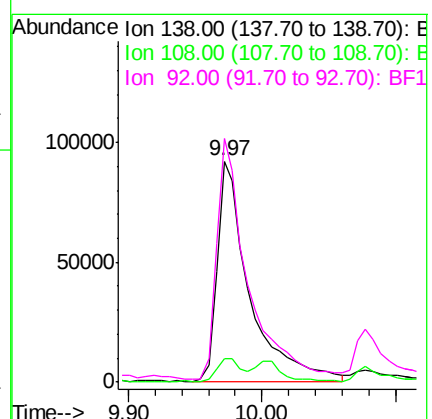
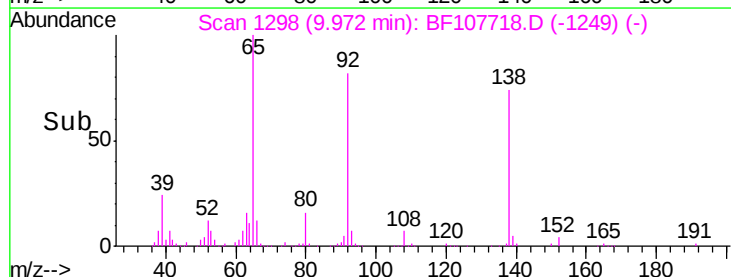
92 110.3 89.4 134.2

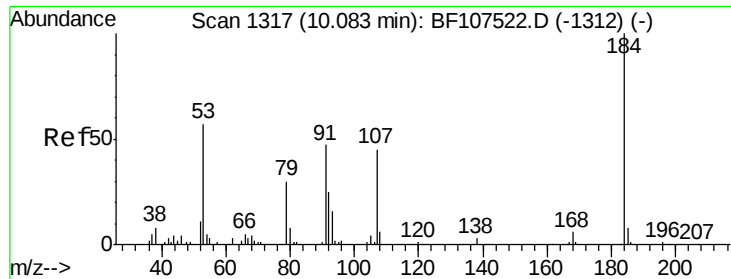


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





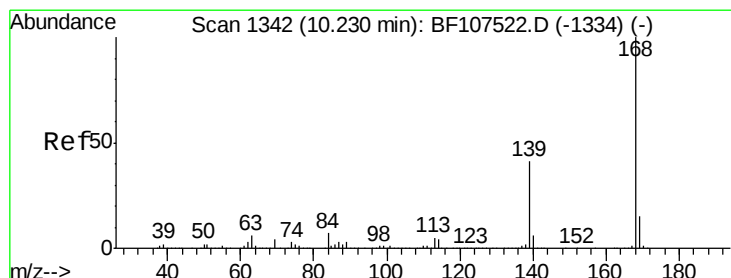
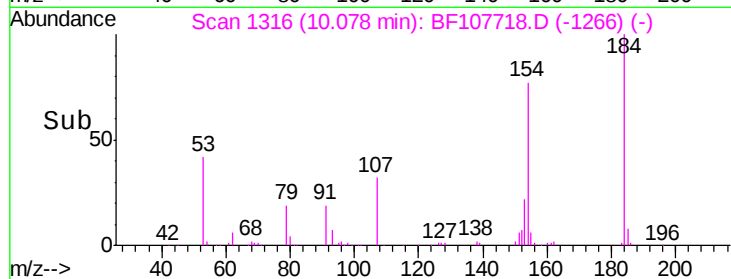
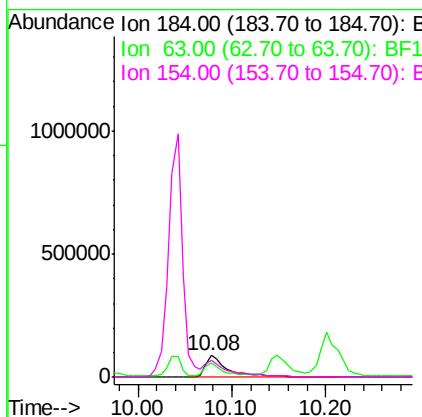
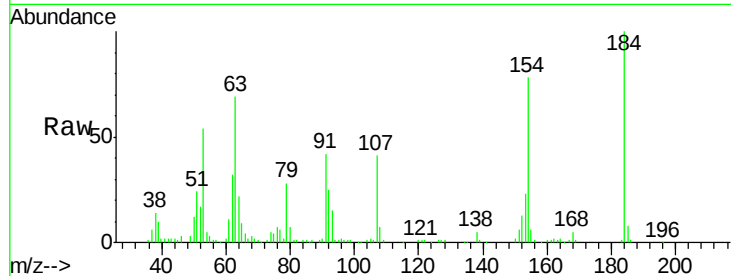
#53
2,4-Dinitrophenol
Concen: 65.234 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampled :
SP-4MS

Tgt Ion:184 Resp: 154330
Ion Ratio Lower Upper
184 100
63 68.9 54.2 81.2
154 77.6 184.0 276.0#

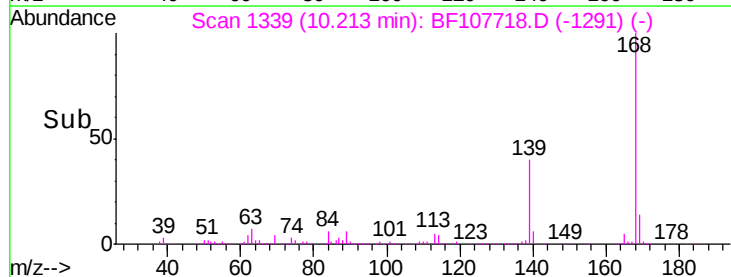
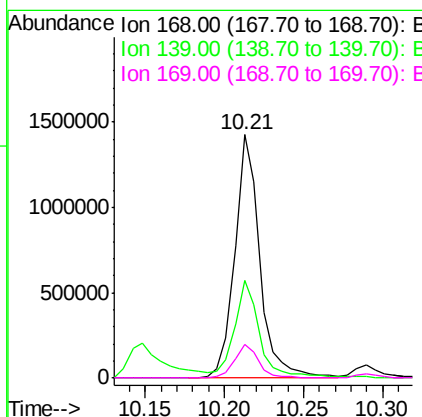
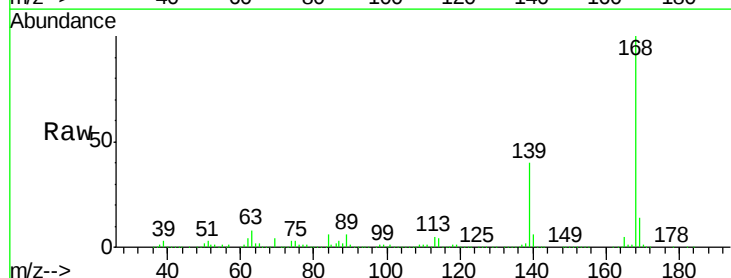
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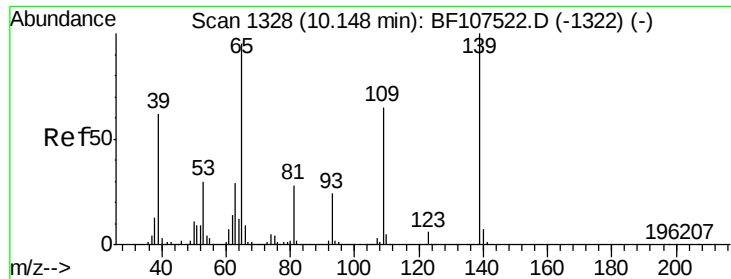
Sohil
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#54
Dibenzofuran
Concen: 45.714 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:168 Resp: 1566051
Ion Ratio Lower Upper
168 100
139 40.0 30.1 45.1
169 14.0 10.9 16.3





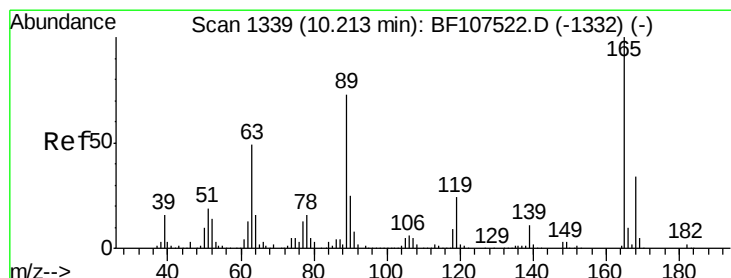
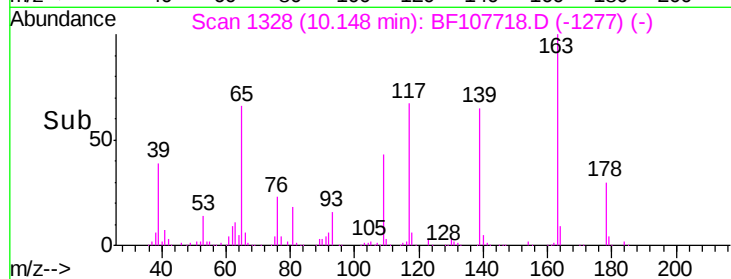
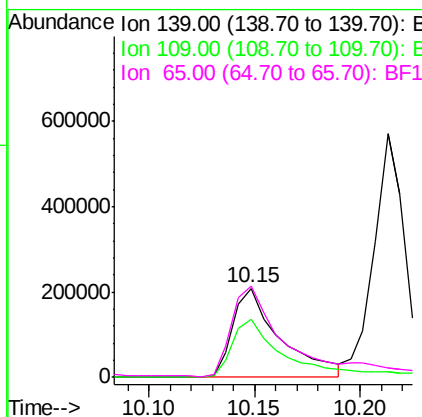
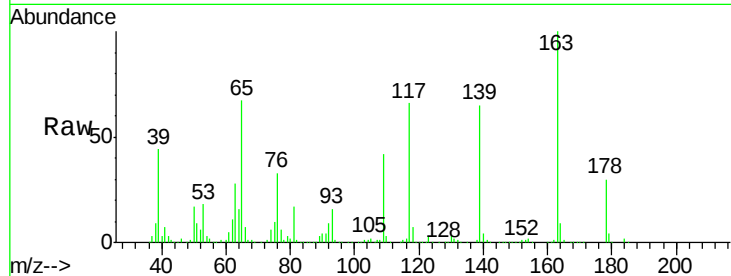
#55
4-Nitrophenol
Concen: 64.311 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampled :
SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	325441		
109	65.1	48.4	88.4	
65	103.1	72.6	112.6	

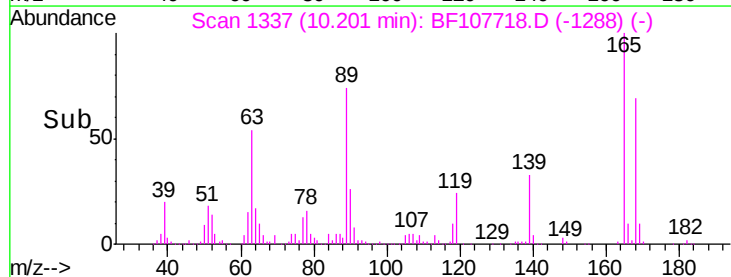
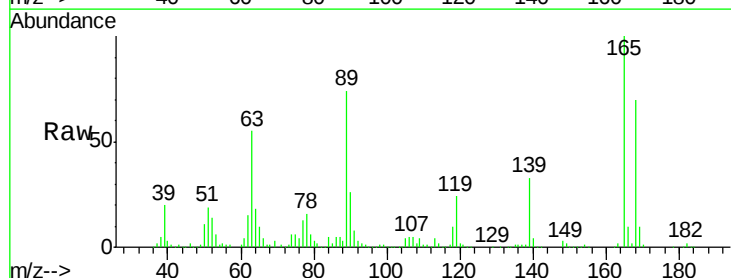
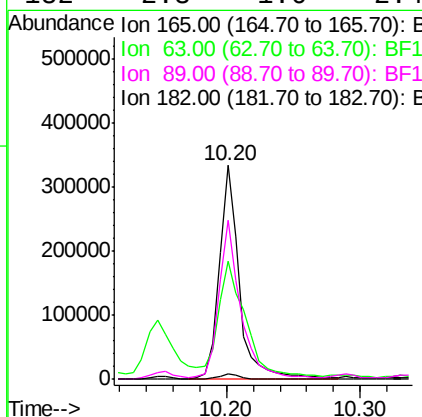
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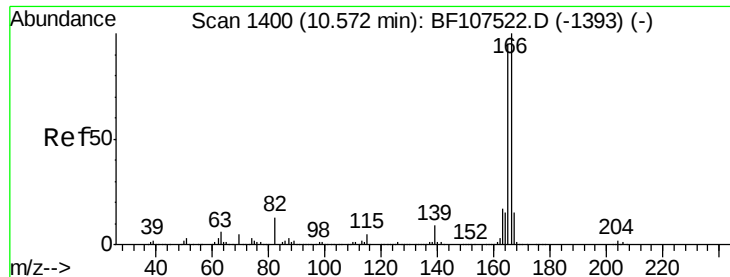
Sohil
7/27/2018 2:54:15 PM



#56
2,4-Dinitrotoluene
Concen: 51.839 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	347651		
63	55.1	36.4	54.6#	
89	74.2	57.8	86.6	
182	2.3	1.6	2.4	





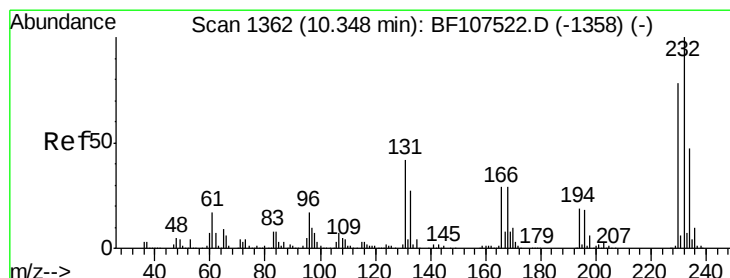
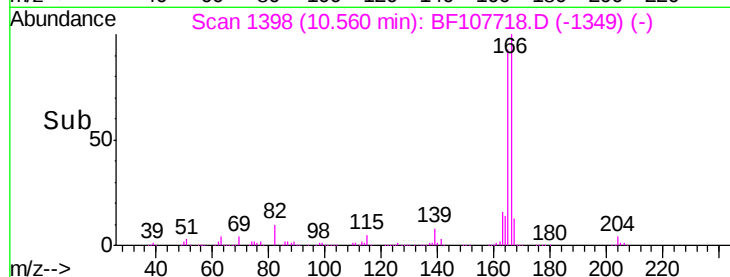
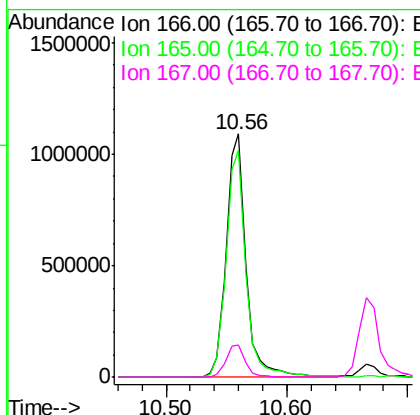
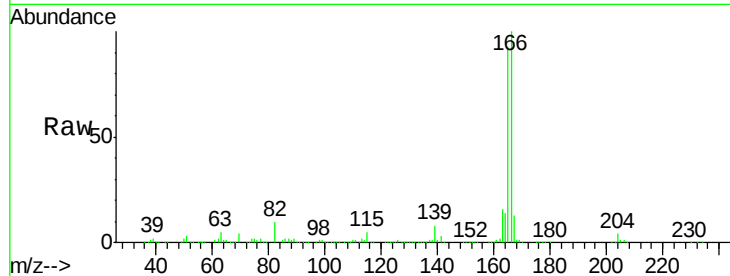
#57
Fluorene
 Concen: 50.753 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampled :
 SP-4MS

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.2	79.8	119.8
167	13.3	10.6	16.0

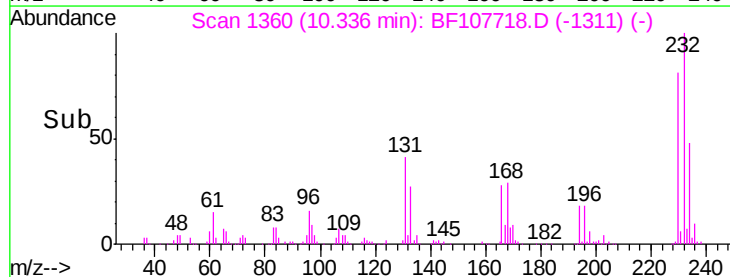
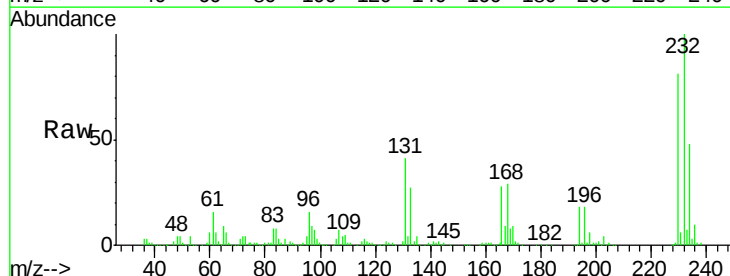
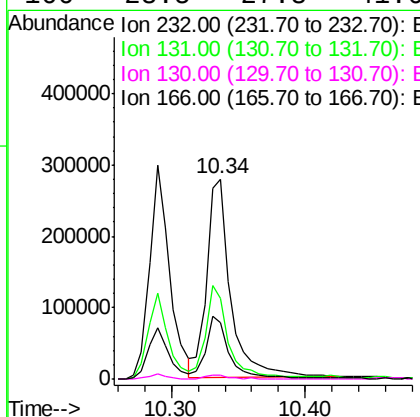
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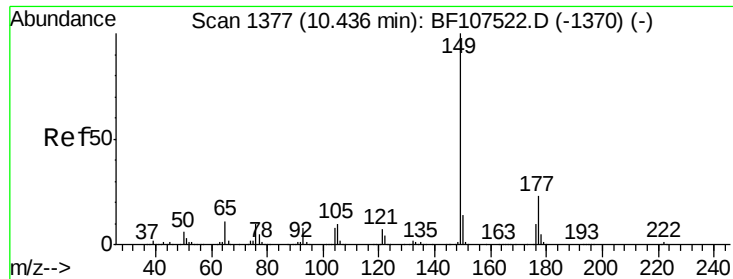
Sohil
 7/27/2018 2:54:15 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.854 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.5	43.8	65.8#
130	2.0	2.1	3.1#
166	28.5	27.8	41.6





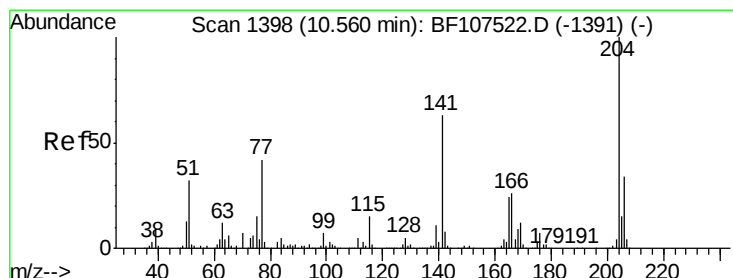
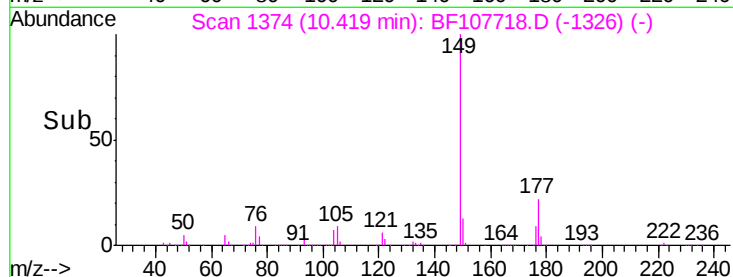
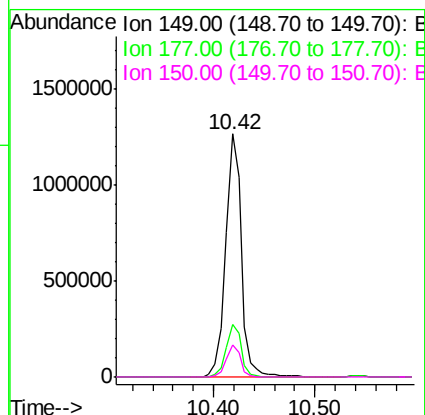
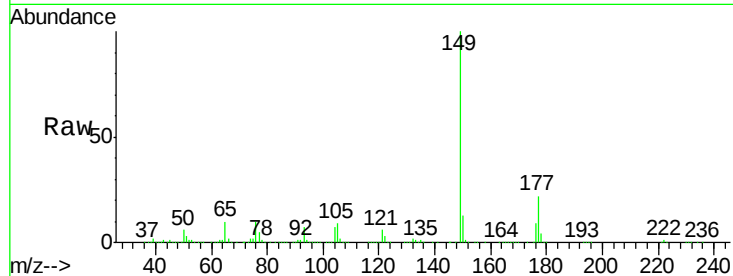
#59
Diethylphthalate
Concen: 46.987 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:149 Resp: 1373203
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 13.1 10.1 15.1

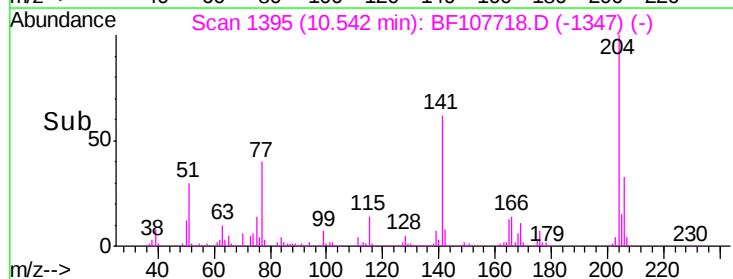
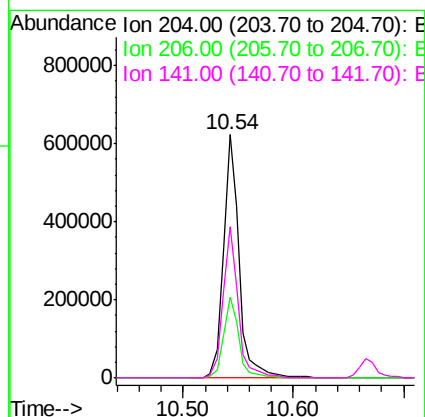
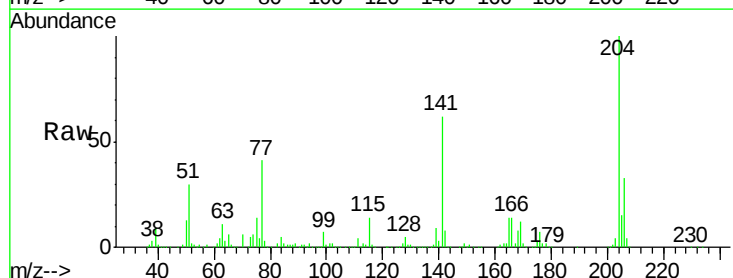
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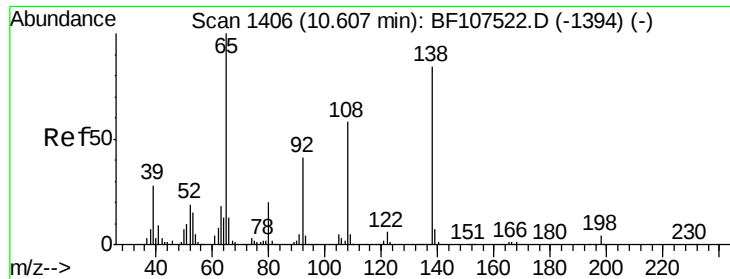
Sohil
7/27/2018 2:54:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.942 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:204 Resp: 620942
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.4 54.6 81.8





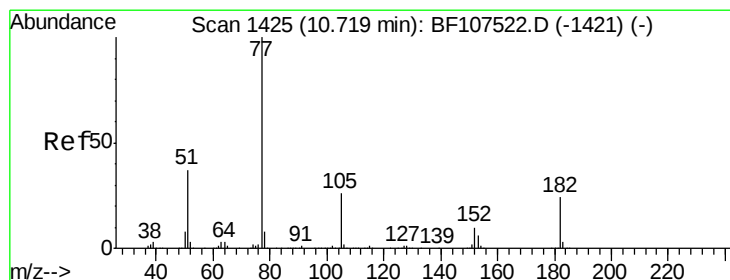
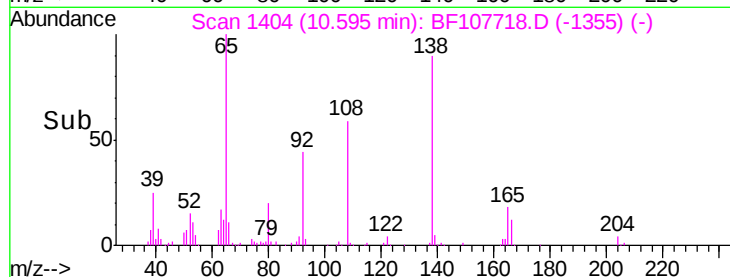
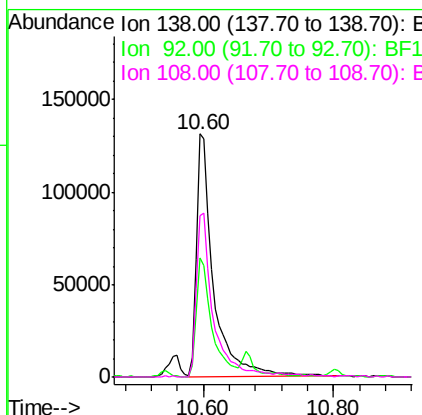
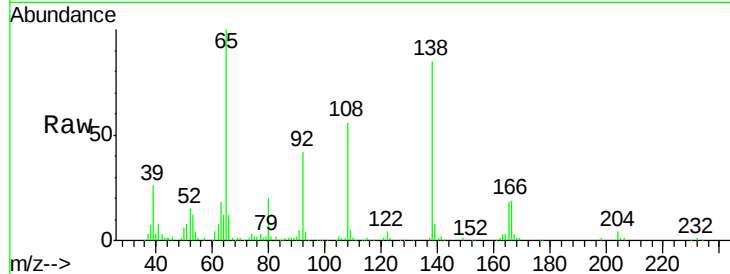
#61
4-Nitroaniline
Concen: 41.977 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	30.2	70.2
108	66.3	52.5	92.5

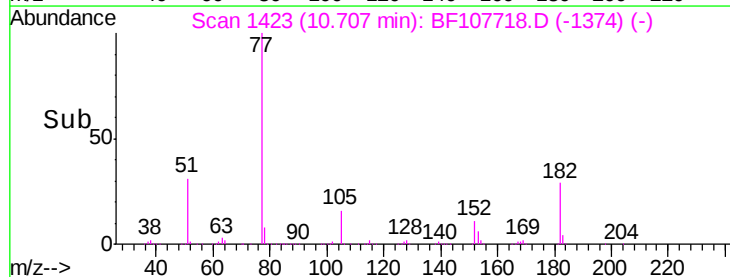
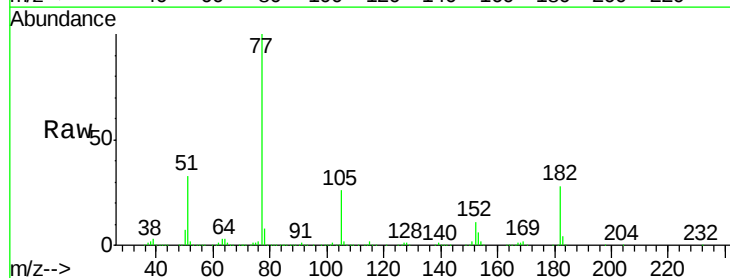
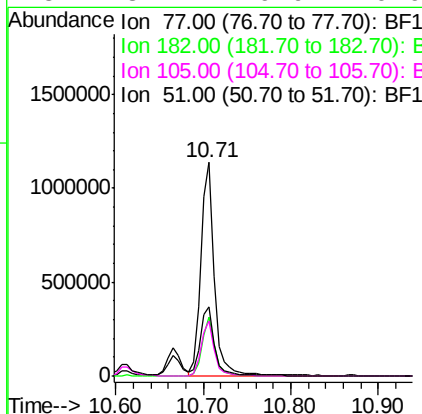
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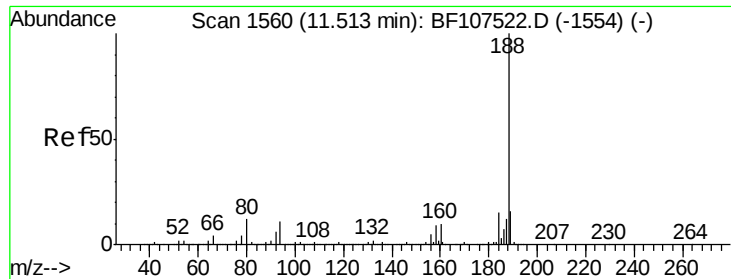
Sohil
7/27/2018 2:54:15 PM



#62
Azobenzene
Concen: 44.717 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	1.7	41.7
105	25.8	3.0	43.0
51	32.7	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: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

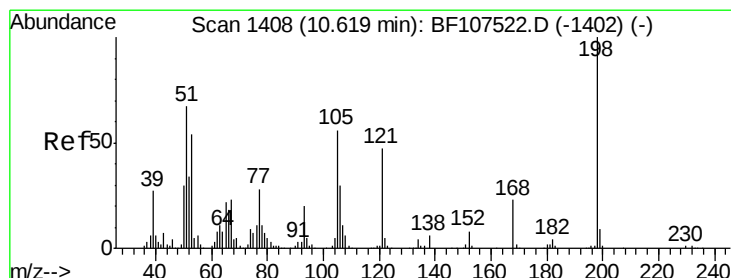
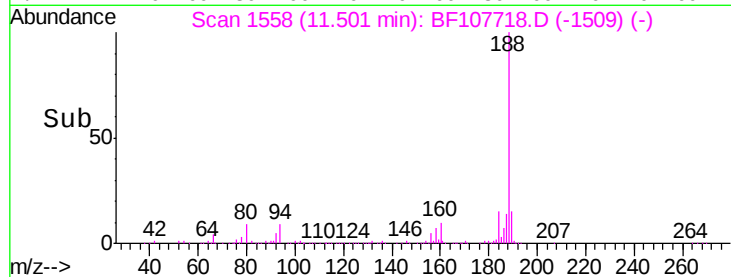
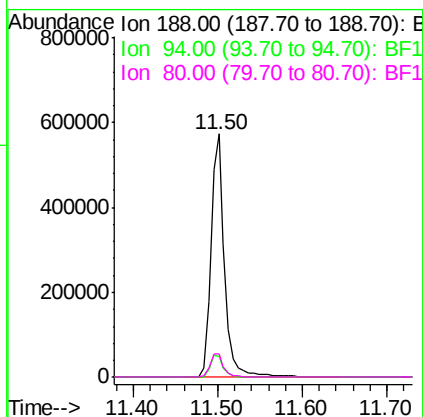
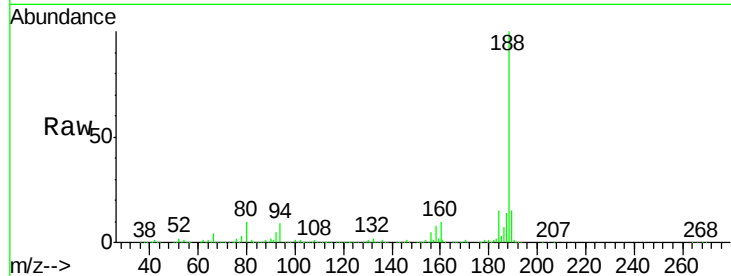
ClientSampleId :

SP-4MS

Tgt Ion:	188	Resp:	650934
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.5	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 45.014 ng

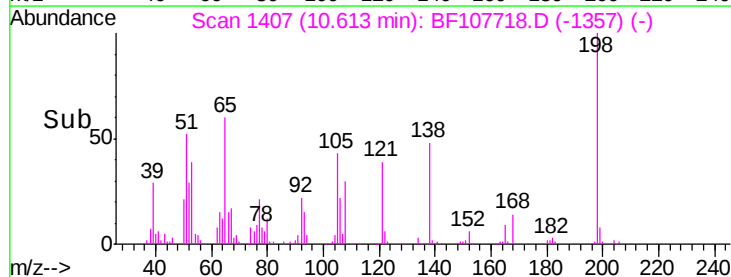
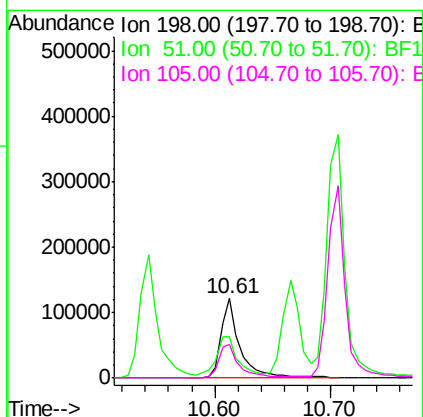
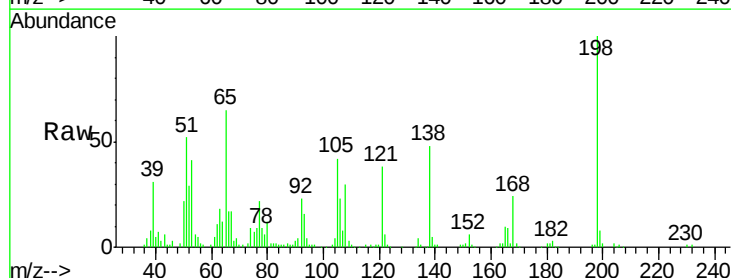
RT: 10.61 min Scan# 1407

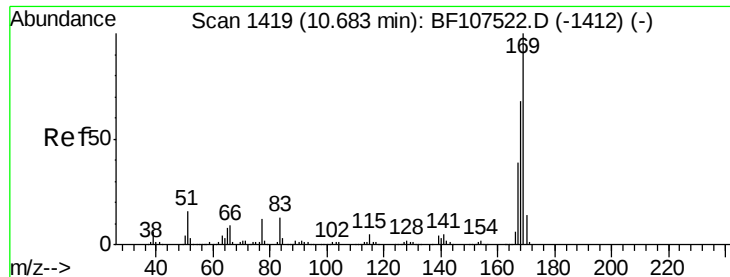
Delta R.T. -0.01 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Tgt Ion:	198	Resp:	139381
Ion Ratio	Lower	Upper	
198	100		
51	52.0	37.7	77.7
105	42.3	36.3	76.3





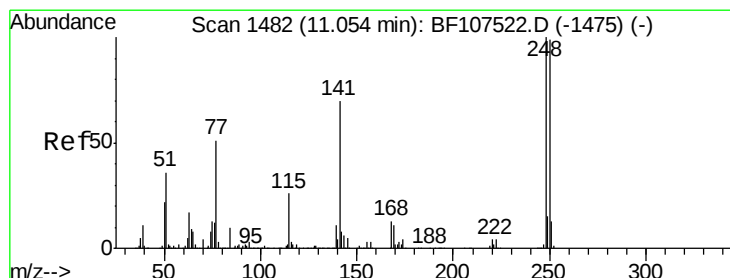
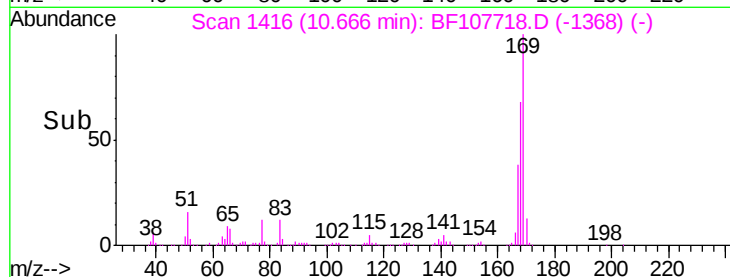
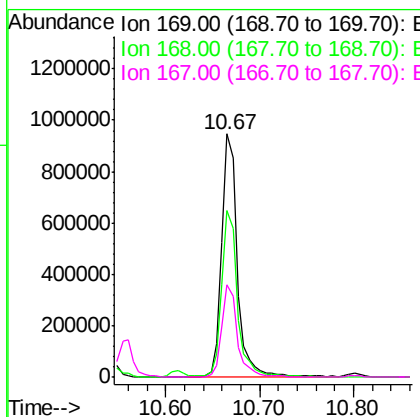
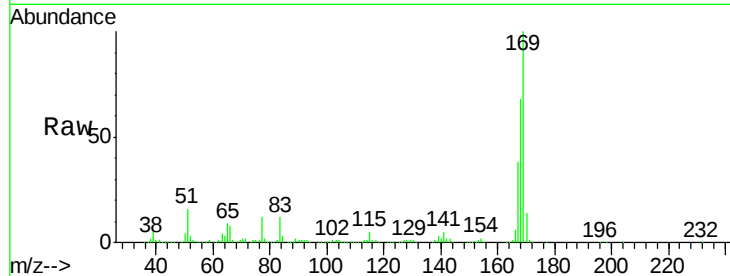
#65
n-Nitrosodiphenylamine
Concen: 50.135 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:169 Resp: 1108346
Ion Ratio Lower Upper
169 100
168 68.3 54.4 81.6
167 38.0 29.8 44.6

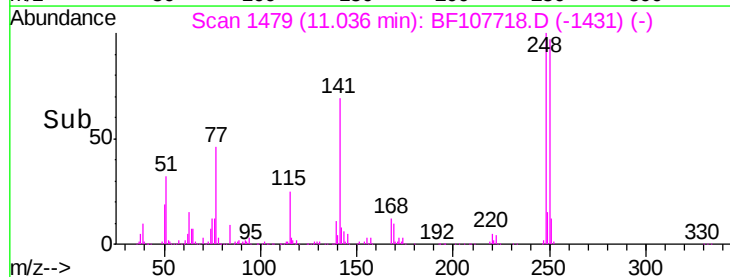
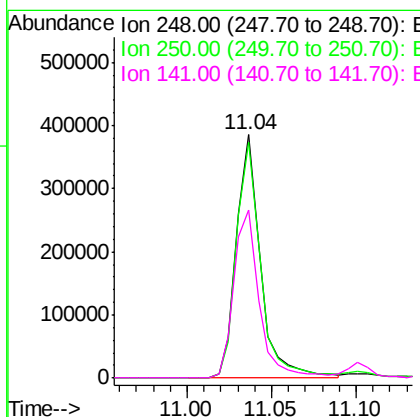
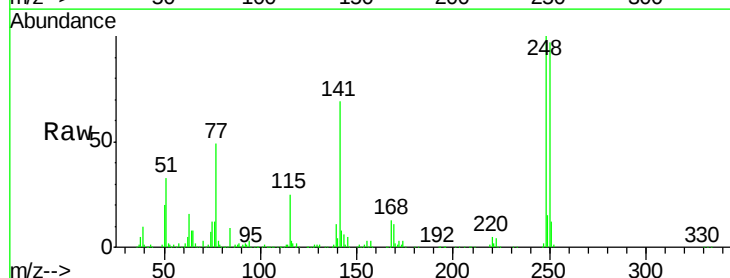
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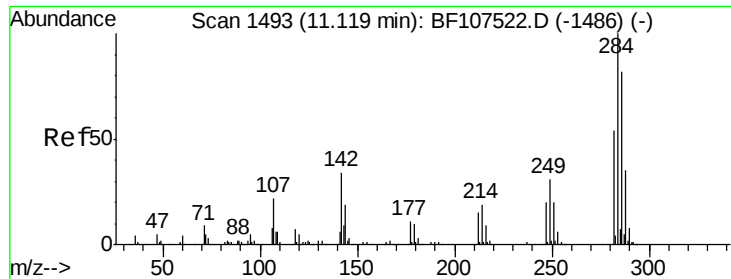
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 50.046 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:248 Resp: 383479
Ion Ratio Lower Upper
248 100
250 96.8 76.9 115.3
141 69.1 74.4 111.6#





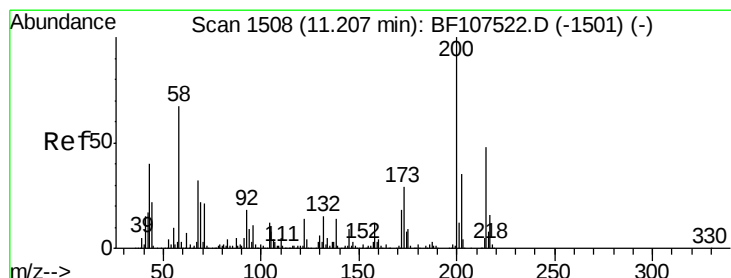
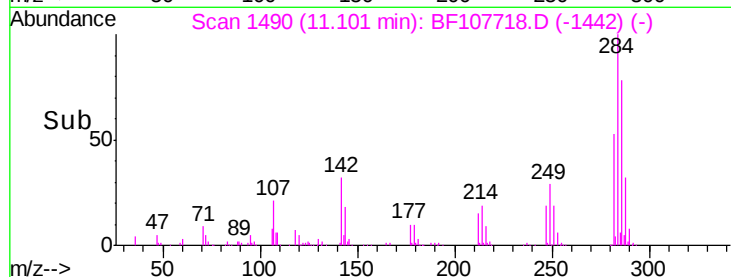
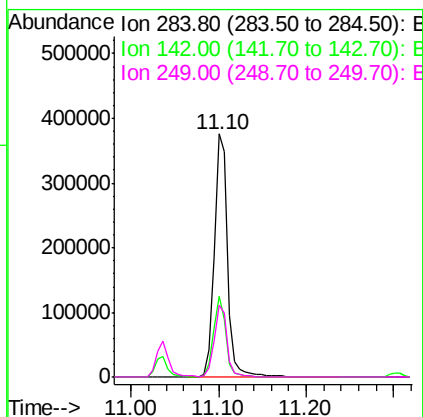
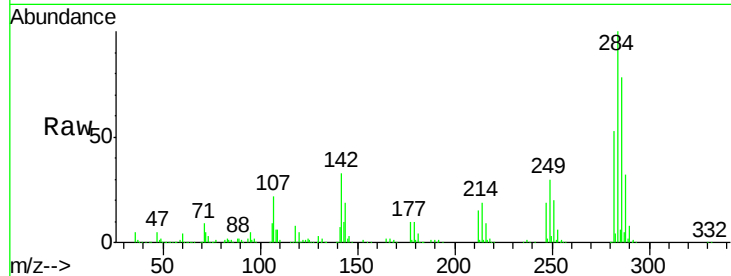
#67
Hexachlorobenzene
Concen: 47.417 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	399783		
142	33.3	34.6	52.0#	
249	29.7	24.8	37.2	

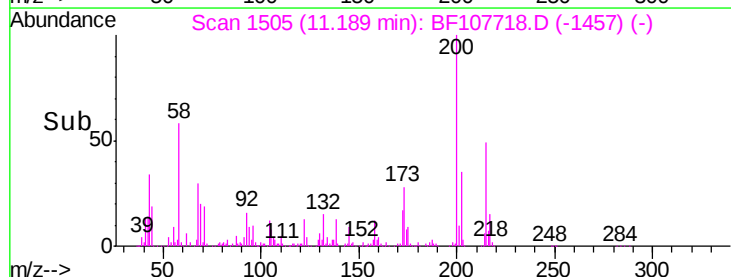
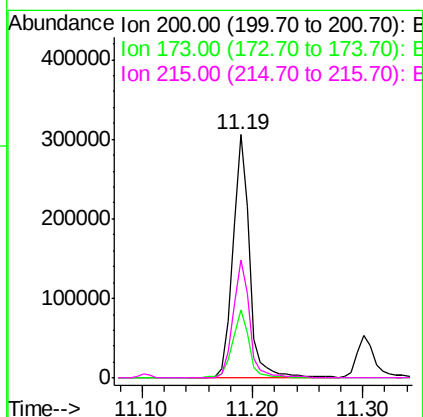
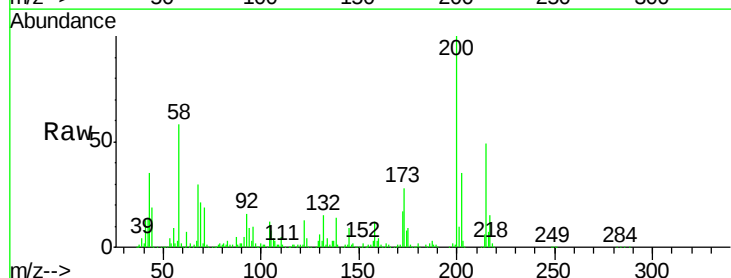
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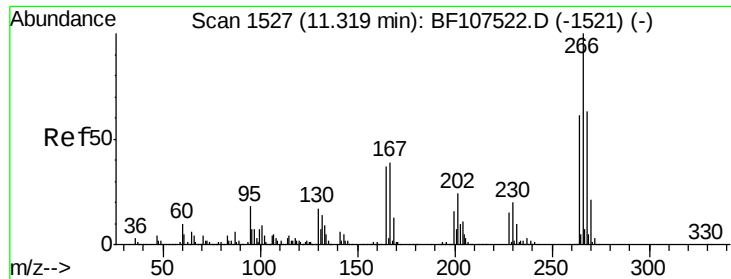
Sohil
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#68
Atrazine
Concen: 48.290 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	325946		
173	28.2	8.6	48.6	
215	48.7	25.1	65.1	





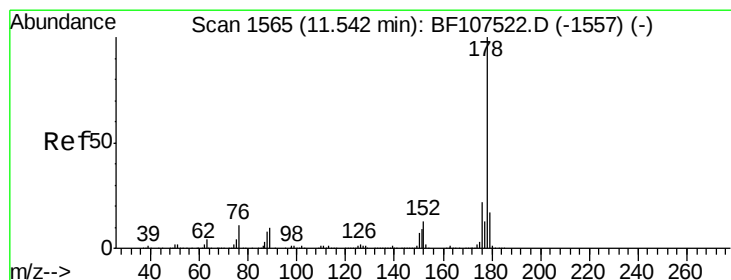
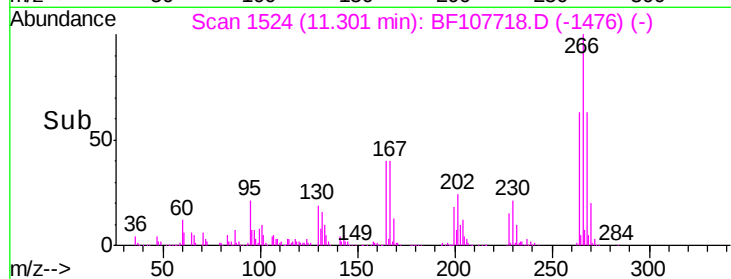
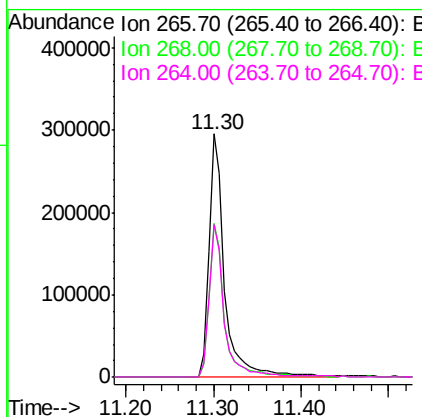
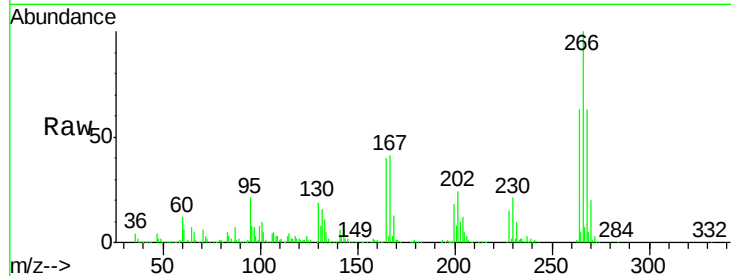
#69
 Pentachlorophenol
 Concen: 69.721 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	62.9	49.5	74.3

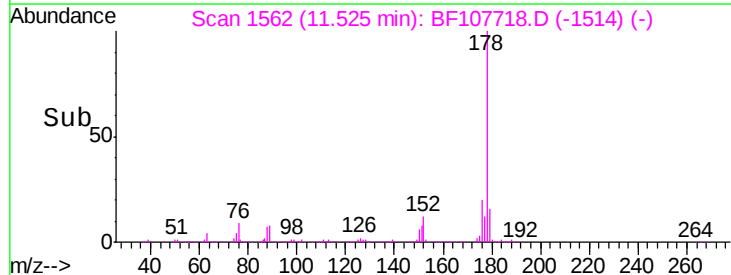
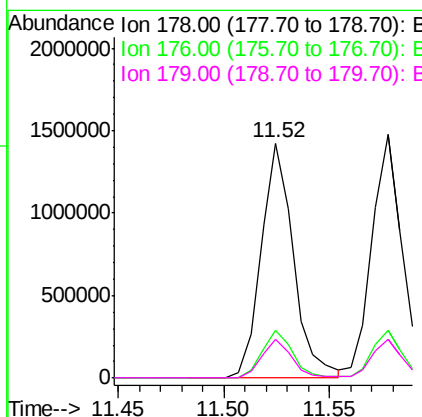
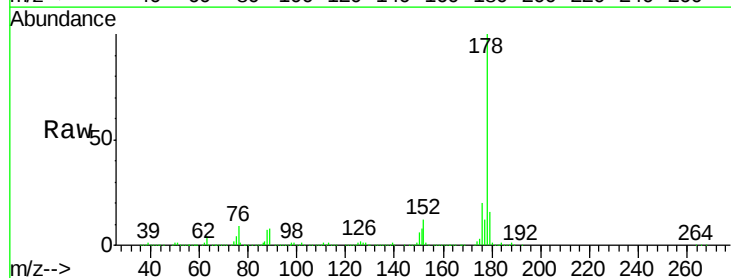
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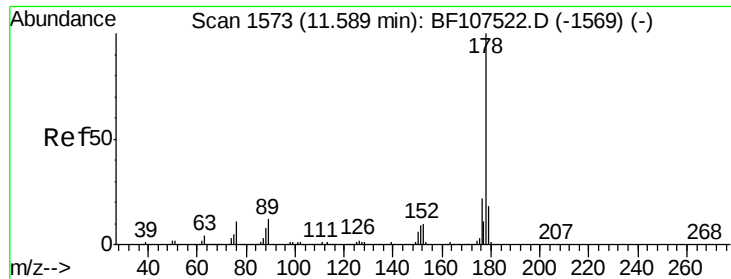
Sohil
 7/27/2018 2:54:15 PM



#70
 Phenanthrene
 Concen: 47.835 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	16.4	13.0	19.6





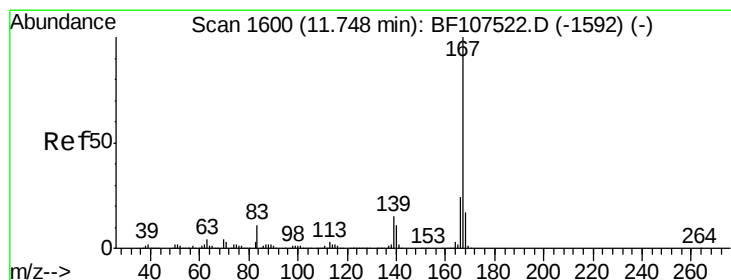
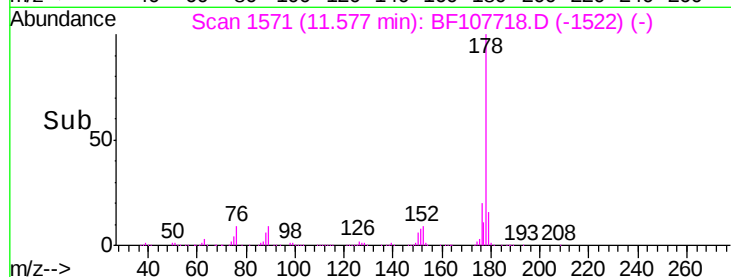
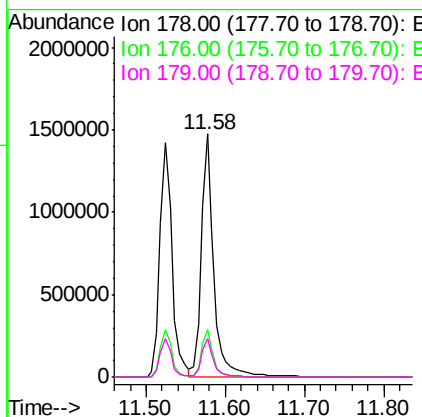
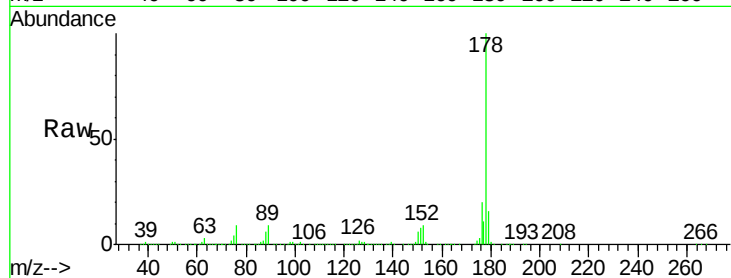
#71
 Anthracene
 Concen: 51.348 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion:178 Resp: 1639919
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.0 12.6 19.0

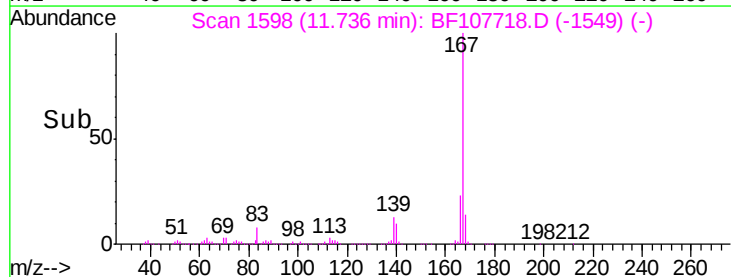
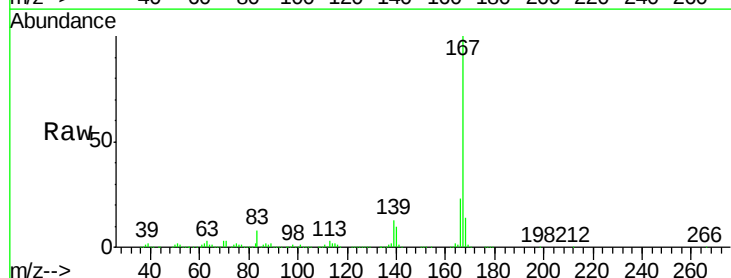
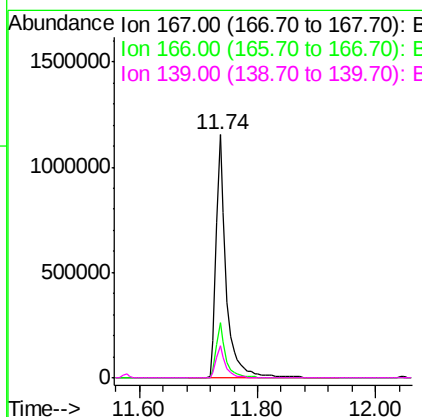
Manual Integrations
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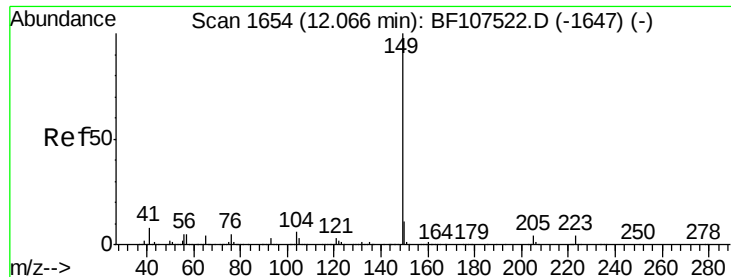
Sohil
 7/27/2018 2:54:15 PM



#72
 Carbazole
 Concen: 42.450 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion:167 Resp: 1409825
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 58.357 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion:149 Resp: 1824806

Ion Ratio Lower Upper

149 100

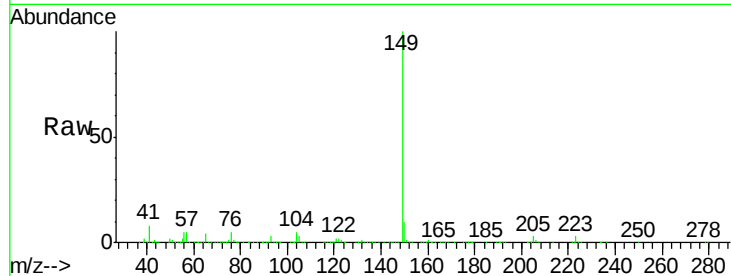
150 10.3 7.8 11.6

104 5.2 3.8 5.8

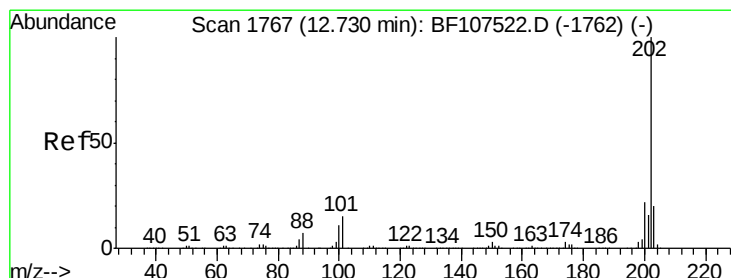
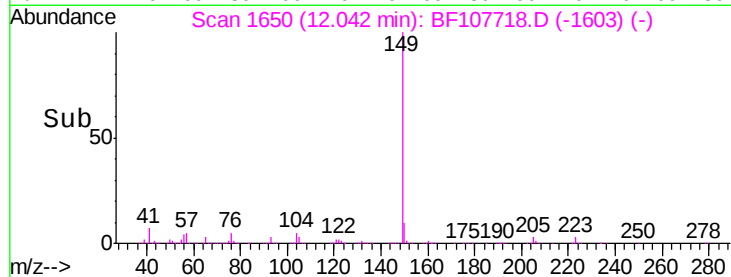
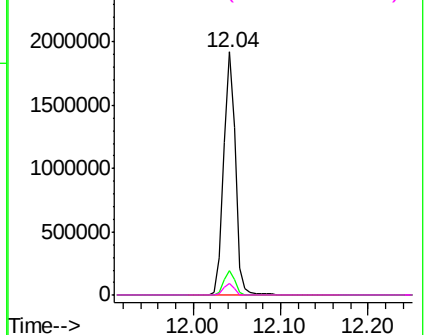
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.975 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

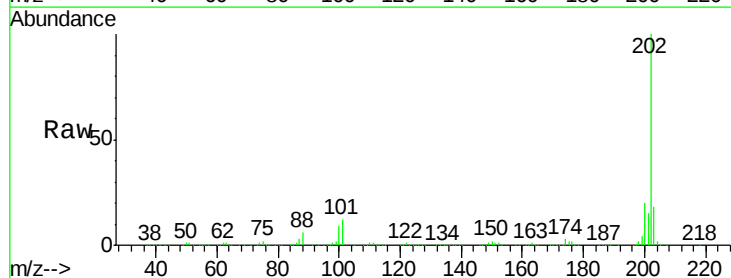
Tgt Ion:202 Resp: 1394705

Ion Ratio Lower Upper

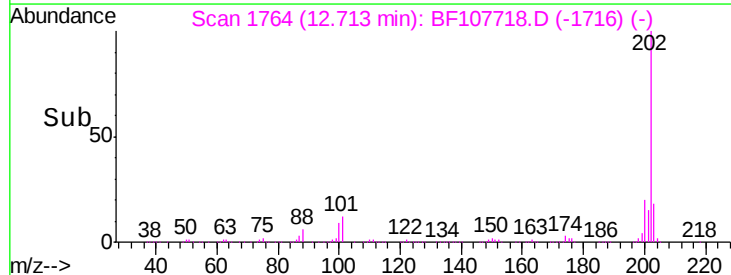
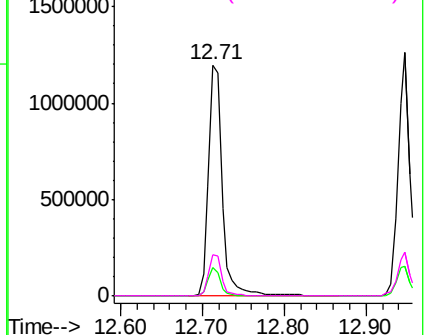
202 100

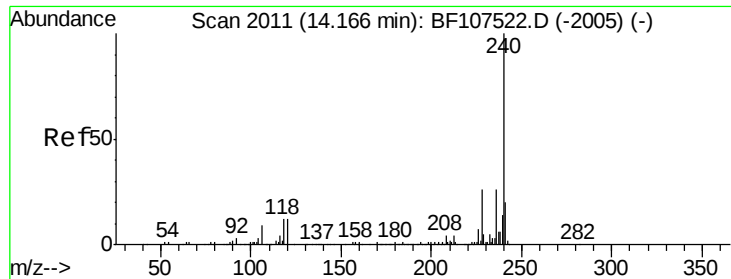
101 12.1 0.0 34.1

203 18.1 0.0 38.1



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





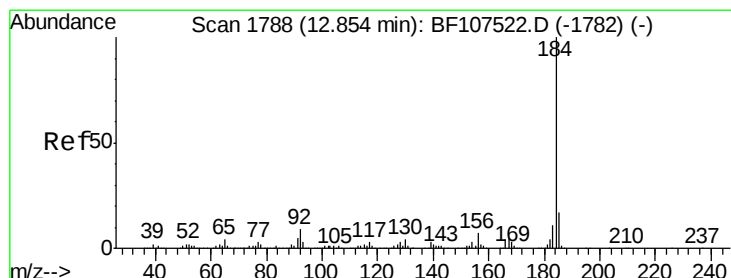
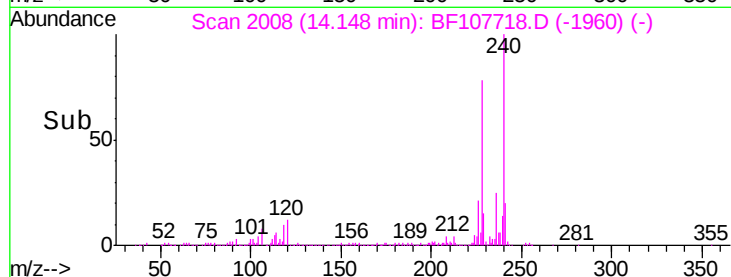
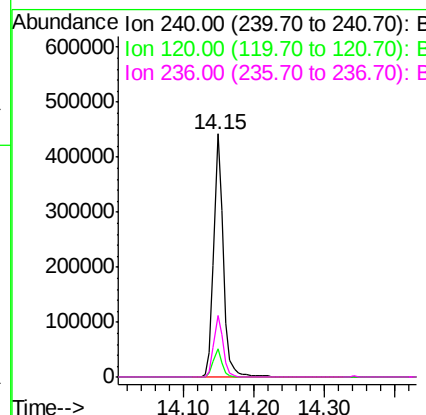
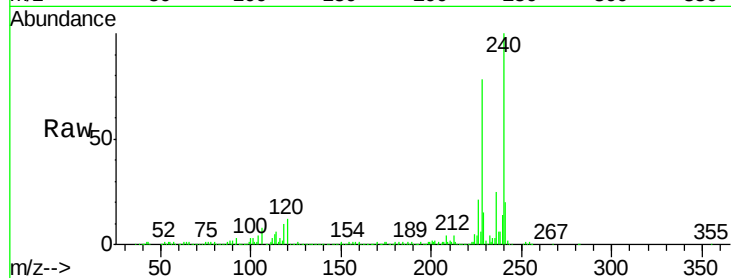
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.4	20.7	31.1

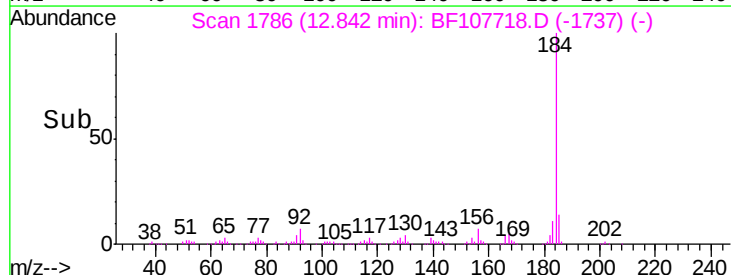
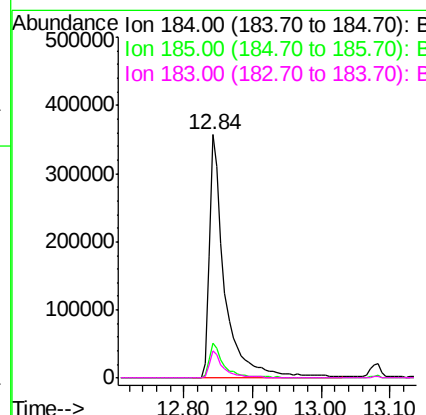
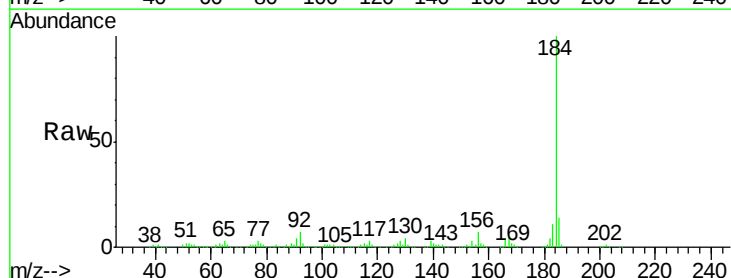
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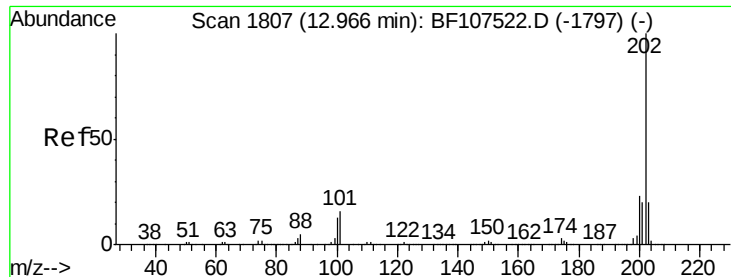
Sohil
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#76
Benzidine
Concen: 47.408 ng
RT: 12.84 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	11.1	9.3	13.9





#77

Pyrene

Concen: 46.585 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

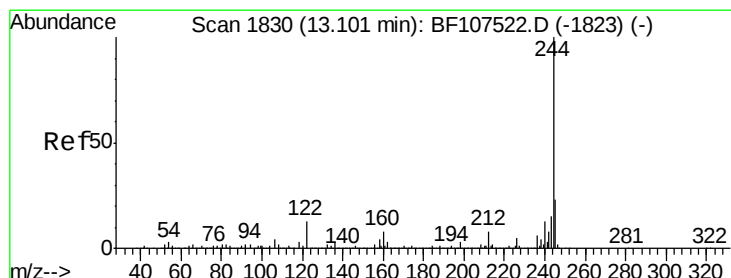
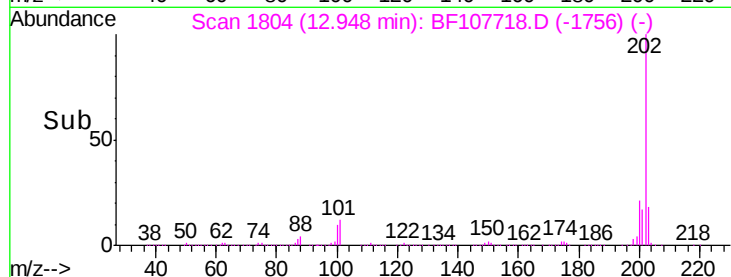
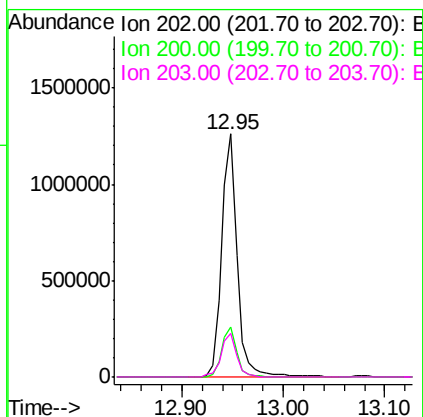
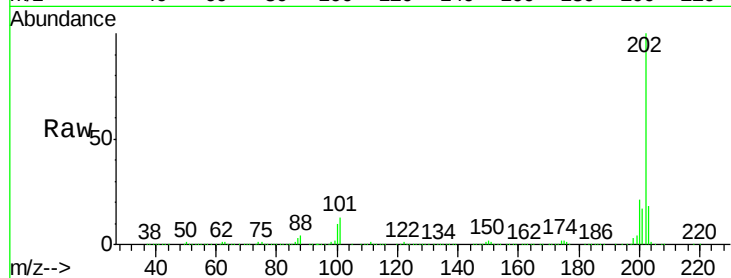
SP-4MS

Tgt Ion: 202 Resp: 1337050

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 109.043 ng

RT: 13.08 min Scan# 1827

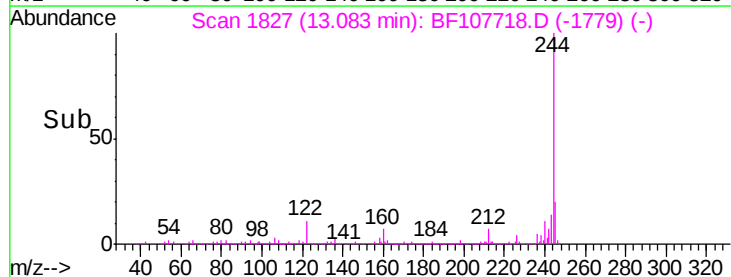
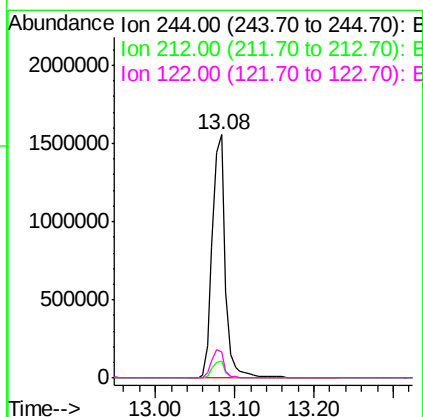
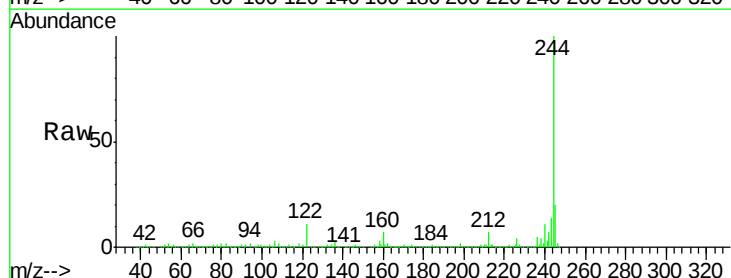
Delta R.T. -0.02 min

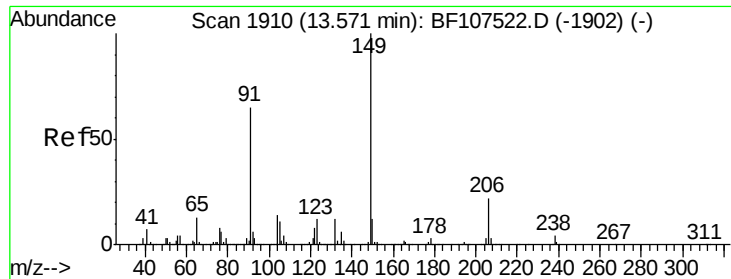
Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Tgt Ion: 244 Resp: 1787222

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	10.5	11.0	16.4





#79

Butylbenzylphthalate

Concen: 48.994 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

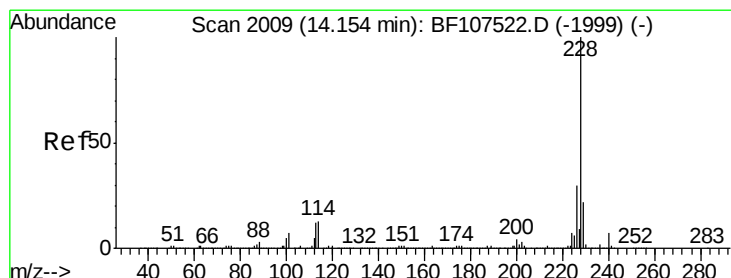
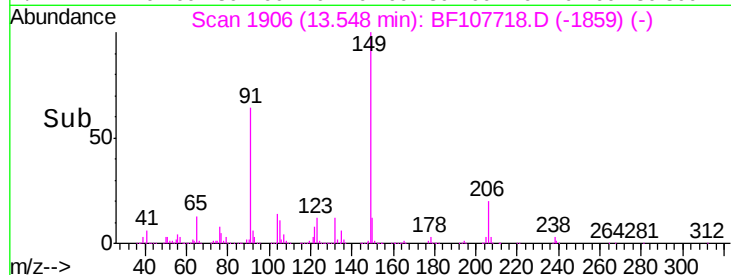
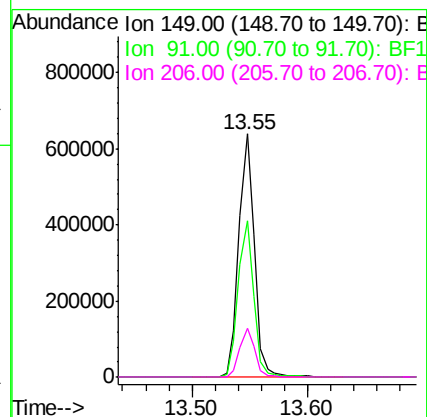
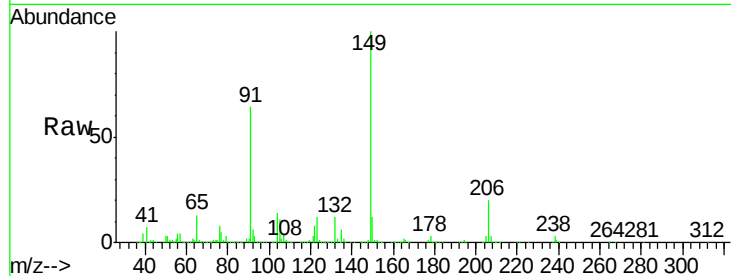
ClientSampleId :

SP-4MS

Tgt	Ion	149	Resp	604737
	Ratio	100	Lower	Upper
	91	64.2	56.8	85.2
	206	20.0	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 49.567 ng

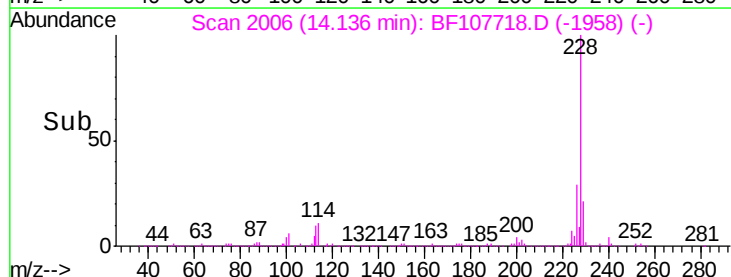
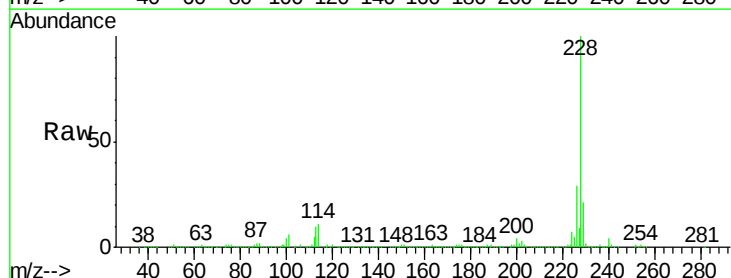
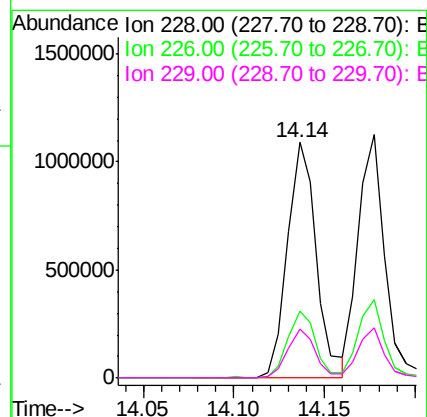
RT: 14.14 min Scan# 2006

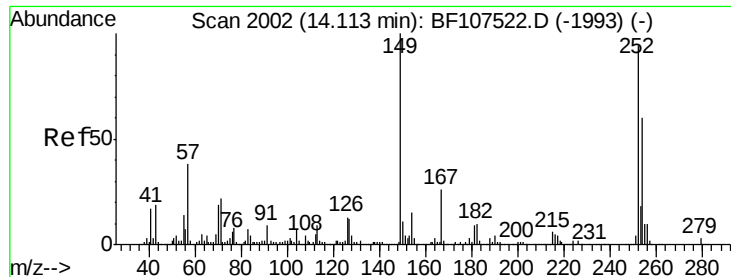
Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Tgt	Ion	228	Resp	1218811
	Ratio	100	Lower	Upper
	226	28.6	22.6	33.8
	229	20.6	15.8	23.6





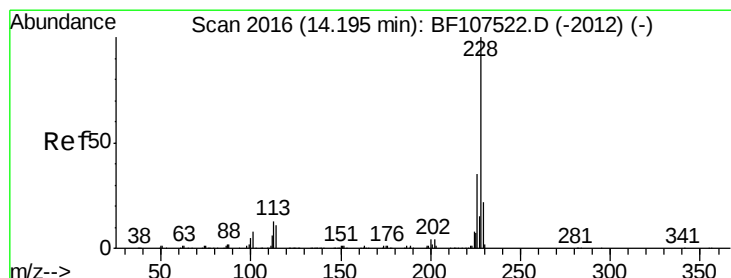
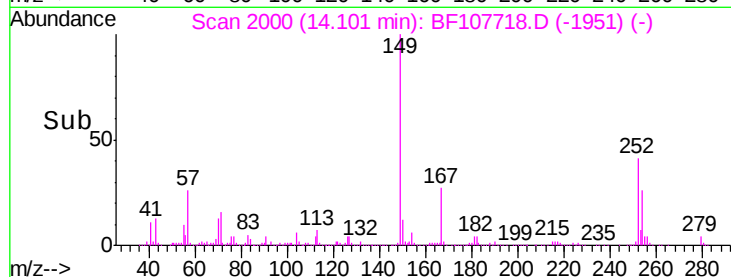
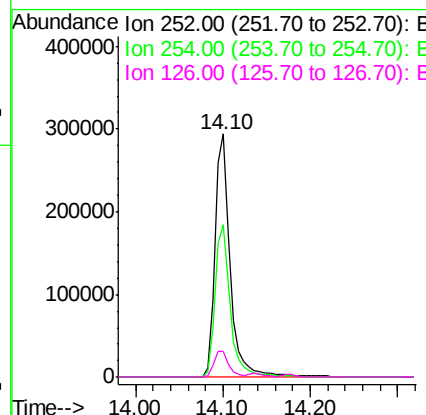
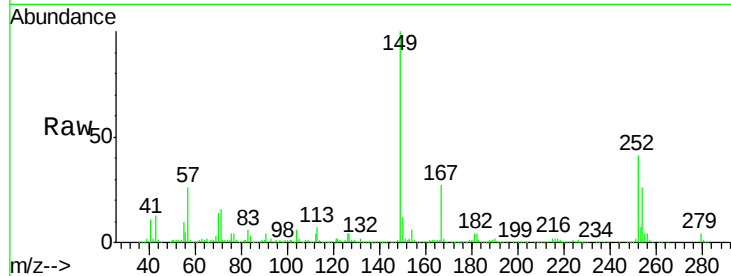
#81
 3,3'-Dichlorobenzidine
 Concen: 51.132 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	10.6	11.3	16.9

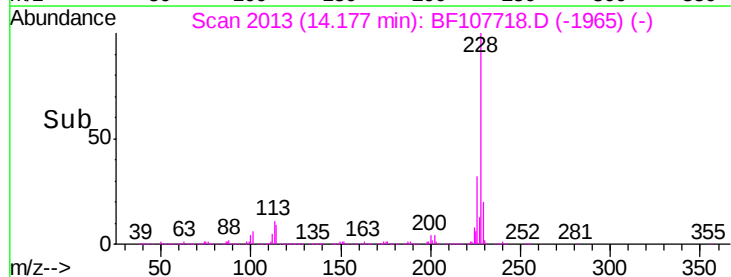
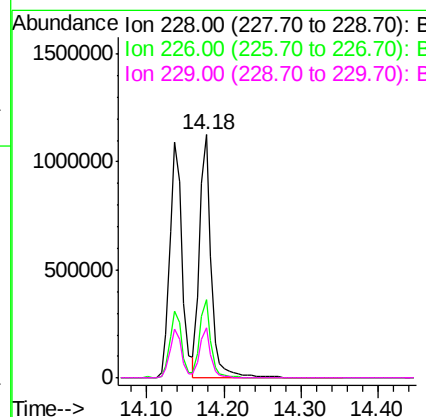
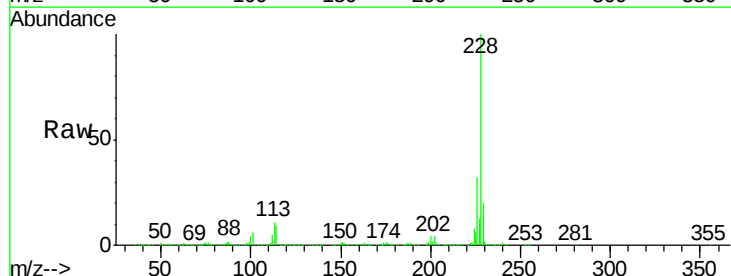
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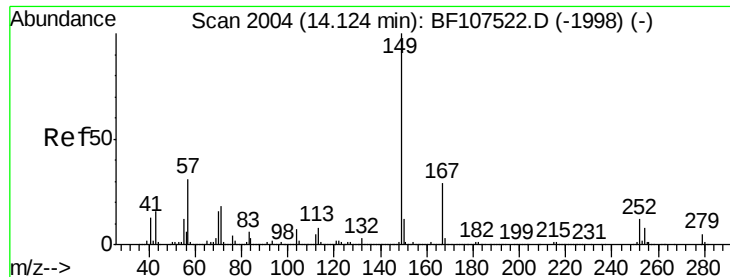
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#82
 Chrysene
 Concen: 50.681 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	20.4	16.2	24.4





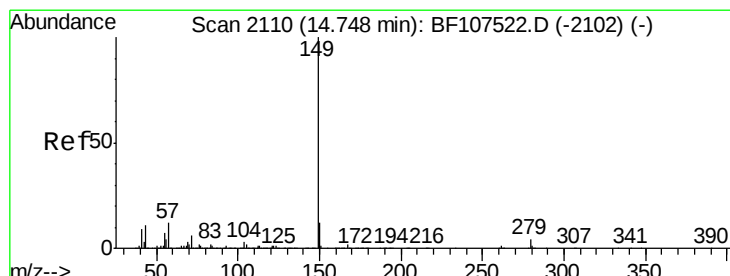
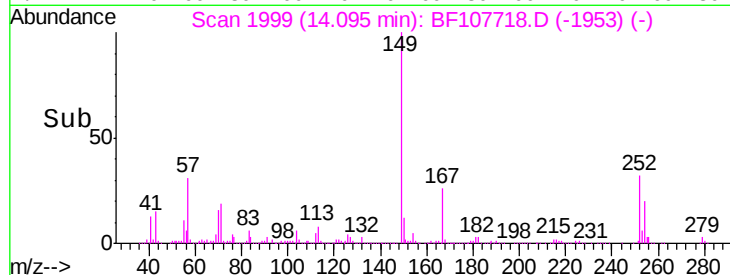
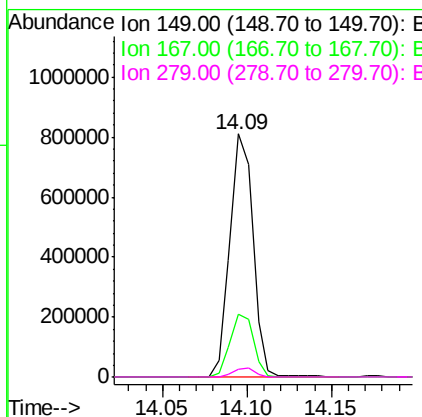
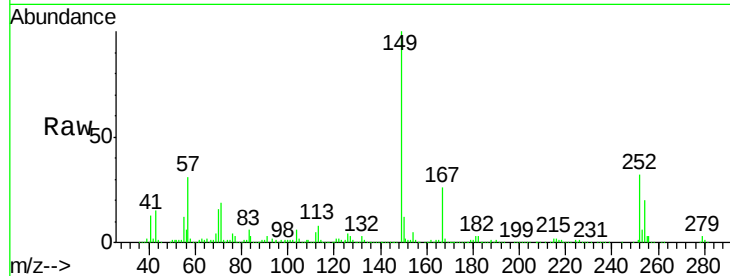
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.629 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.03 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampled :
 SP-4MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.5	3.0	4.4

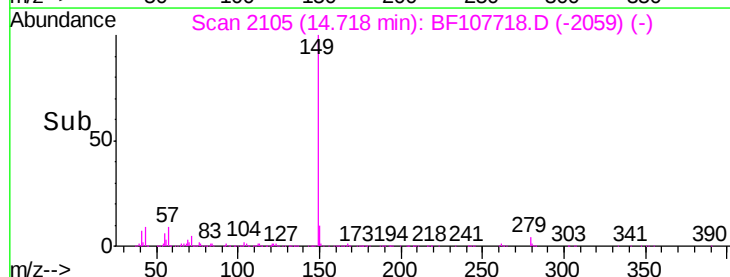
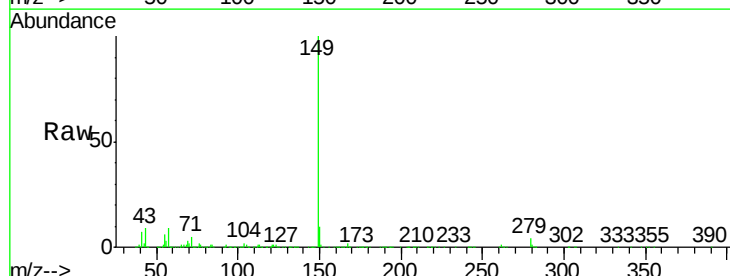
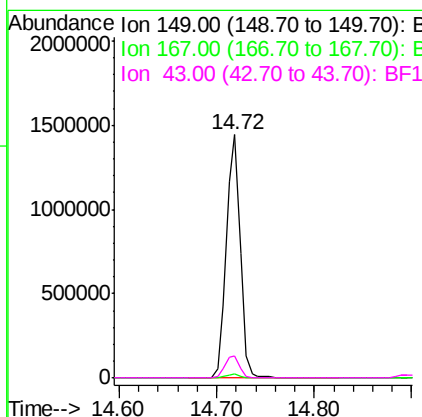
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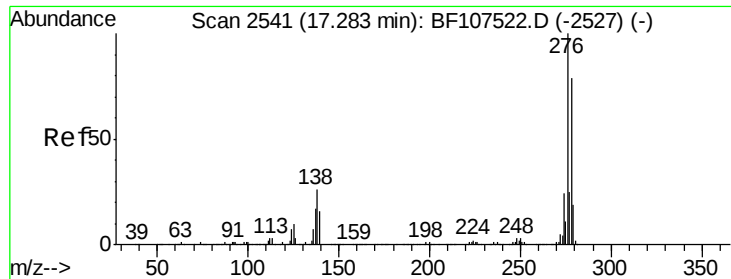
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 52.686 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. -0.03 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	8.4	12.6





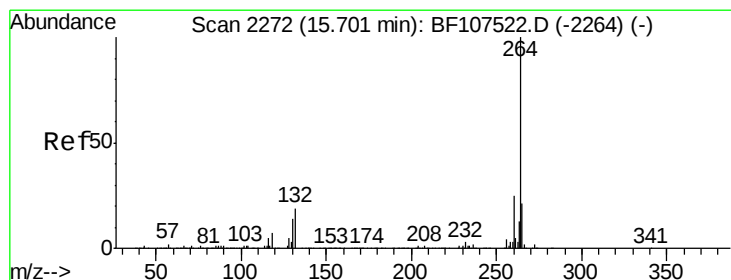
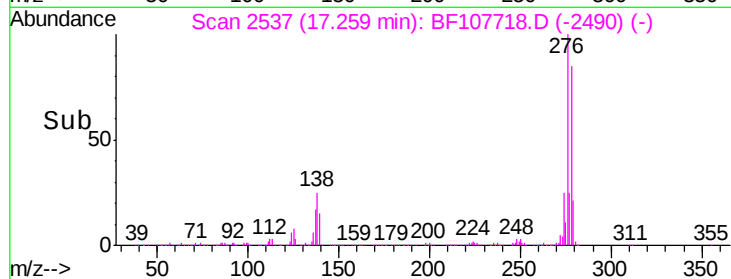
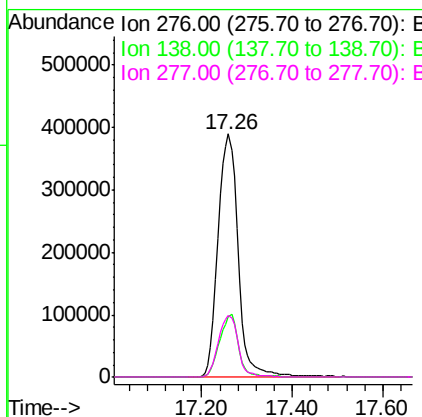
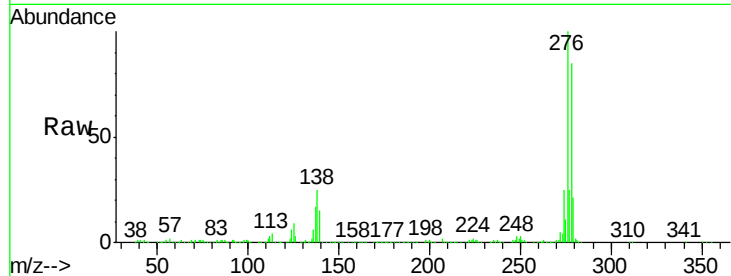
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 60.020 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SP-4MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	25.0	37.6#
277	25.3	20.1	30.1

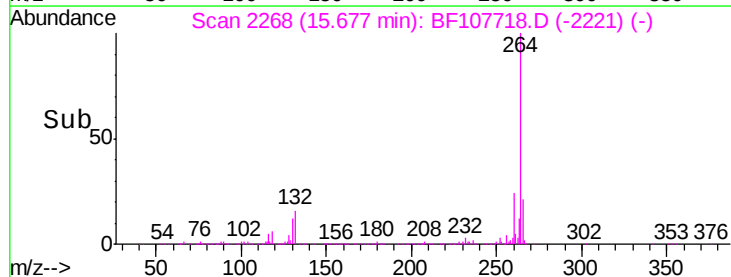
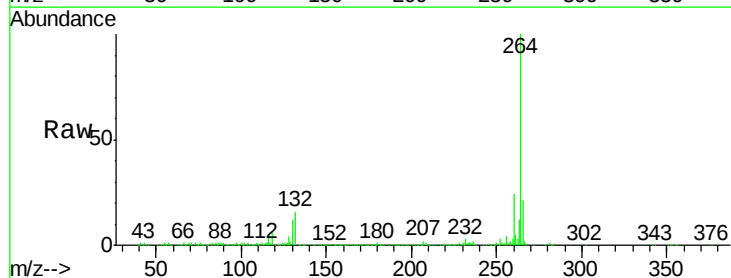
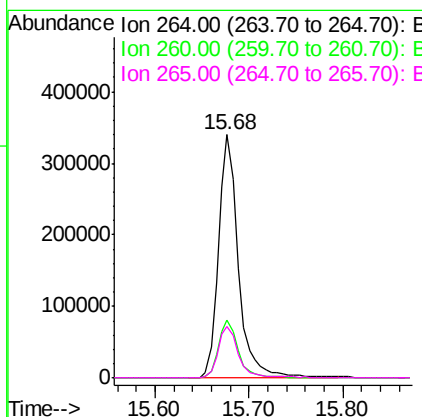
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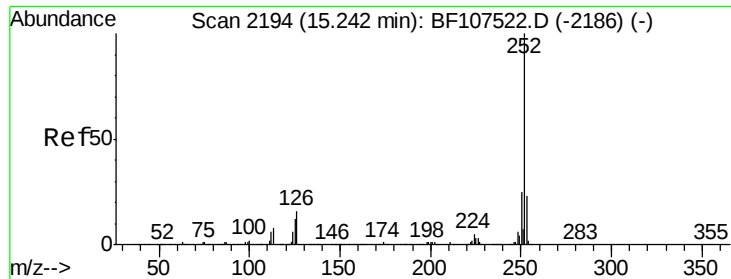
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF107718.D
 Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3





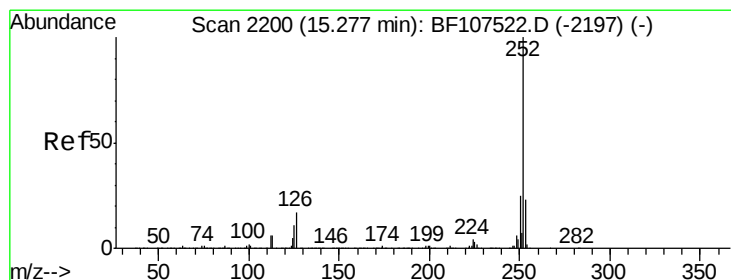
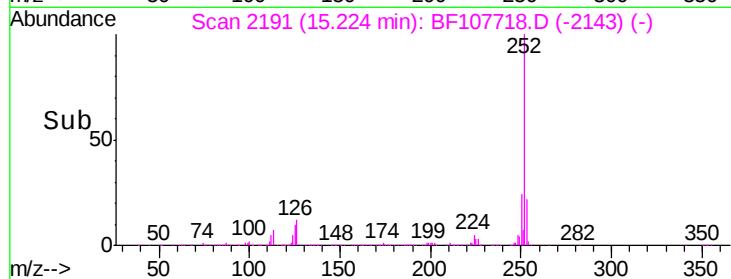
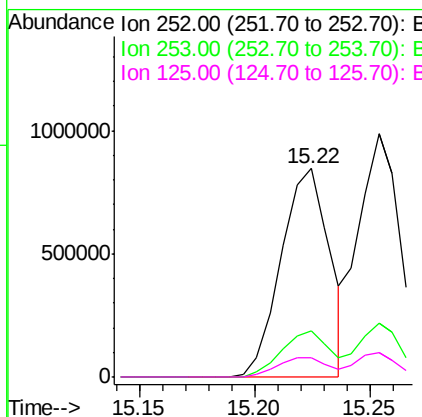
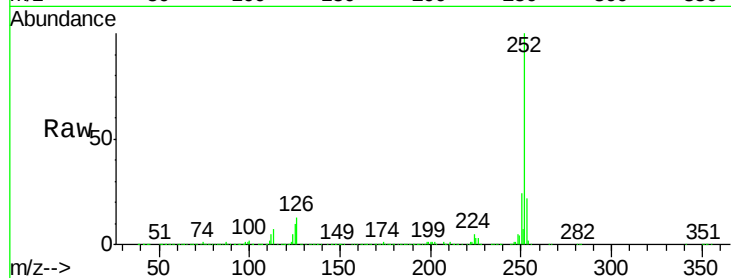
#87
Benzo(b)fluoranthene
Concen: 44.390 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampled :
SP-4MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.7	9.0	13.6

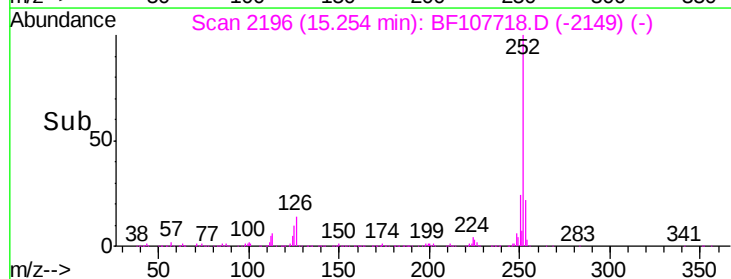
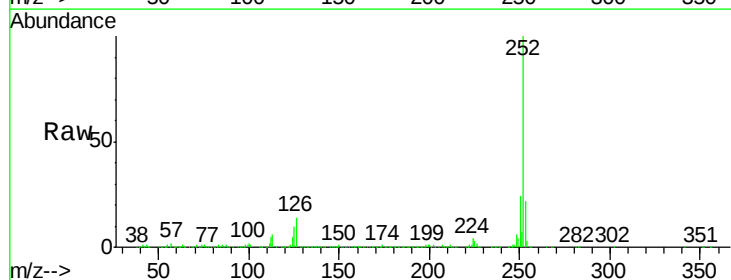
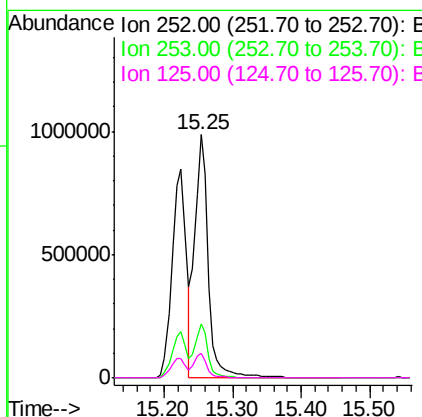
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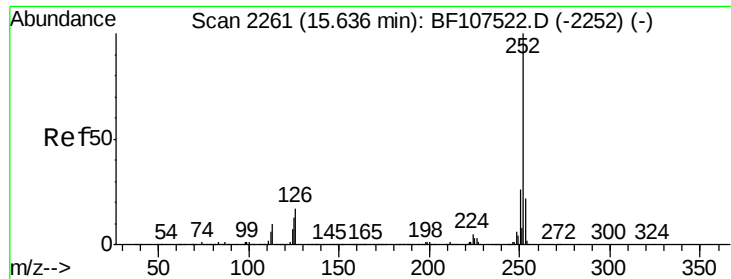
Sohil
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#88
Benzo(k)fluoranthene
Concen: 49.531 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.1	10.2	15.2#





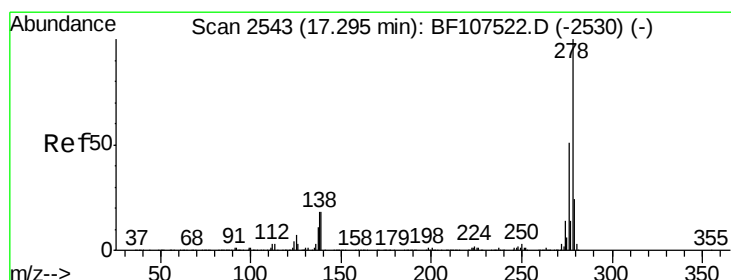
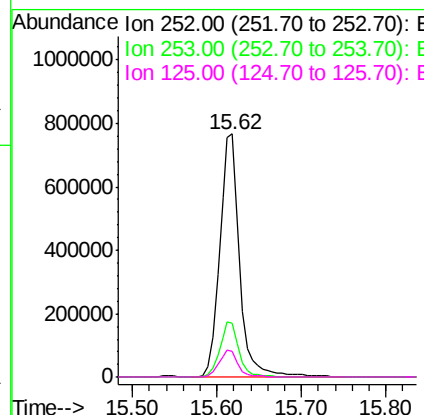
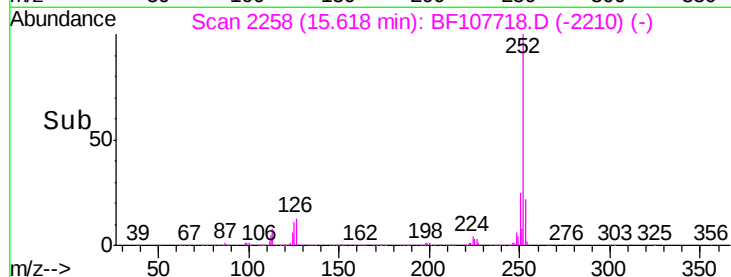
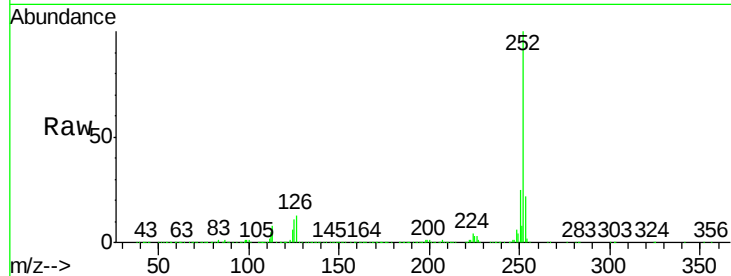
#89
Benzo(a)pyrene
Concen: 49.780 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SP-4MS

Tgt Ion:252 Resp: 1265271
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 10.8 9.8 14.6

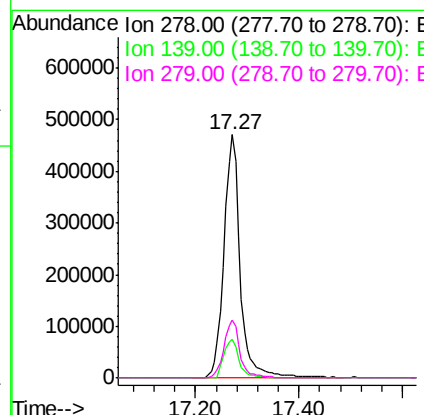
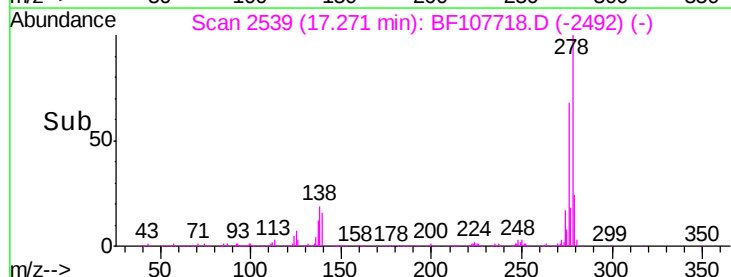
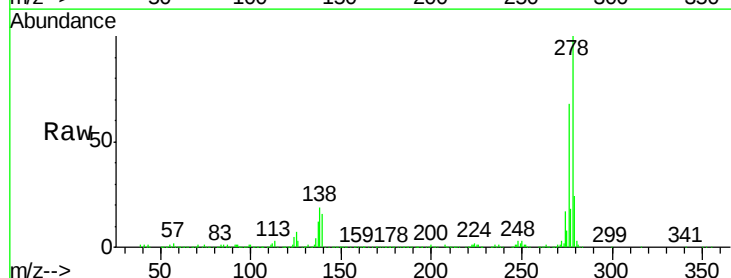
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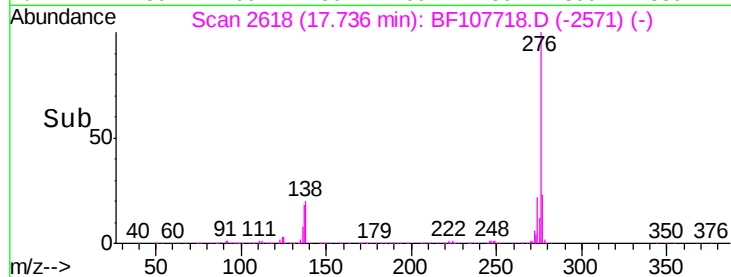
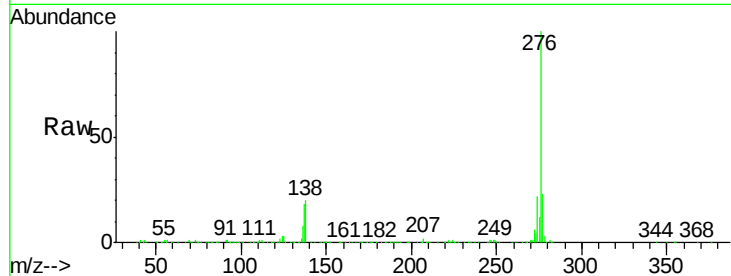
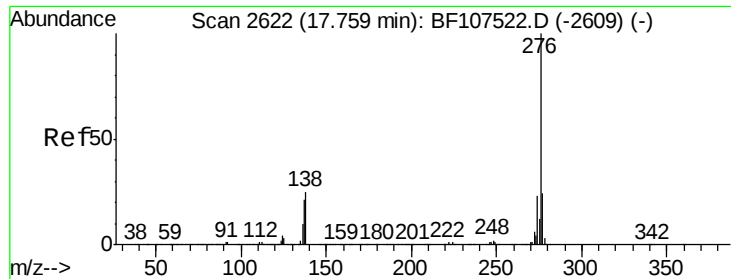
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 46.791 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF107718.D
Acq: 26 Jul 2018 23:37

Tgt Ion:278 Resp: 1028060
Ion Ratio Lower Upper
278 100
139 16.0 15.9 23.9
279 23.7 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 42.569 ng

RT: 17.74 min Scan# 2618

Delta R.T. -0.02 min

Lab File: BF107718.D

Acq: 26 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SP-4MS

Tgt Ion:	276	Resp:	922568
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	20.5	21.8	32.8#

Manual Integrations
APPROVED

Sohil
7/27/2018 2:54:15 PM

