

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107699.D
 Acq On : 26 Jul 2018 15:03
 Operator : JU/SJ
 Sample : PB111479BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:53:40 PM

Quant Time: Jul 26 15:44:15 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	6.96	152	205530	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	795692	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	372120	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	727288	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	436580	20.00	ng	-0.02
86) Perylene-d12	15.68	264	495345	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1401626	109.65	ng	0.00
7) Phenol-d6	6.61	99	1624883	105.86	ng	0.00
23) Nitrobenzene-d5	7.53	82	1066620	90.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	567803	134.18	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	2066752	99.65	ng	-0.02
78) Terphenyl-d14	13.08	244	1969288	115.48	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	161363	27.120	ng	# 85
3) Pyridine	3.68	79	399601	24.687	ng	87
4) n-Nitrosodimethylamine	3.63	42	182012	26.661	ng	87
6) Aniline	6.64	93	390043	19.702	ng	# 66
8) 2-Chlorophenol	6.76	128	512061	37.389	ng	98
9) Benzaldehyde	6.52	77	280100	27.730	ng	94
10) Phenol	6.62	94	573922	31.793	ng	84
11) bis(2-Chloroethyl)ether	6.70	93	484166	32.351	ng	95
12) 1,3-Dichlorobenzene	6.90	146	539355	34.735	ng	98
13) 1,4-Dichlorobenzene	6.98	146	584784	36.744	ng	100
14) 1,2-Dichlorobenzene	7.13	146	513404	35.947	ng	99
15) Benzyl Alcohol	7.11	79	393879	37.652	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	797215	31.575	ng	62
17) 2-Methylphenol	7.22	107	417880	35.899	ng	# 84
18) Hexachloroethane	7.47	117	205706	36.851	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	351051	35.403	ng	98
20) 3+4-Methylphenols	7.38	107	526930	38.122	ng	# 70
22) Acetophenone	7.37	105	730800	39.108	ng	# 91
24) Nitrobenzene	7.55	77	521976	38.653	ng	99
25) Isophorone	7.78	82	989760	39.317	ng	99
26) 2-Nitrophenol	7.87	139	299514	52.522	ng	97
27) 2,4-Dimethylphenol	7.90	122	453282	41.992	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	621925	36.967	ng	99
29) 2,4-Dichlorophenol	8.11	162	450203	40.805	ng	100
30) 1,2,4-Trichlorobenzene	8.18	180	475193	38.347	ng	98
31) Naphthalene	8.27	128	1498672	42.832	ng	99
32) Benzoic acid	8.04	122	316762	43.016	ng	98
33) 4-Chloroaniline	8.32	127	171899	11.240	ng	98
34) Hexachlorobutadiene	8.37	225	278122	37.771	ng	99
35) Caprolactam	8.71	113	159389m	44.415	ng	
36) 4-Chloro-3-methylphenol	8.81	107	494063	40.312	ng	99
37) 2-Methylnaphthalene	8.96	142	1050957	43.345	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	489999	39.479	ng	98
40) Hexachlorocyclopentadiene	9.10	237	542198	85.935	ng	99

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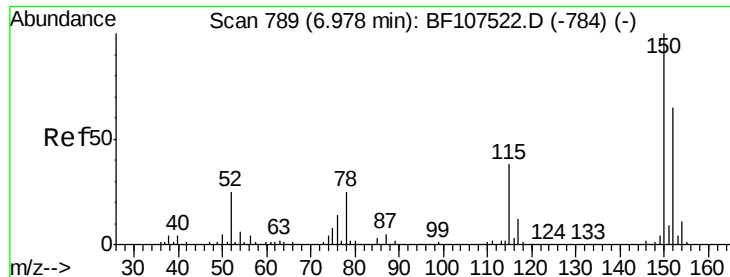
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	325611	40.985	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	361882	43.583	ng	95
45) 1,1'-Biphenyl	9.42	154	1292872	39.884	ng	98
46) 2-Chloronaphthalene	9.45	162	971938	39.226	ng	98
47) 2-Nitroaniline	9.55	65	324518	44.925	ng	88
48) Acenaphthylene	9.87	152	1576177	42.346	ng	99
49) Dimethylphthalate	9.72	163	1116465	39.809	ng	99
50) 2,6-Dinitrotoluene	9.80	165	245764	44.137	ng	96
51) Acenaphthene	10.04	154	880233	37.744	ng	99
52) 3-Nitroaniline	9.97	138	138335	20.422	ng	93
53) 2,4-Dinitrophenol	10.08	184	272148	94.799	ng	# 22
54) Dibenzofuran	10.21	168	1359967	39.611	ng	98
55) 4-Nitrophenol	10.15	139	310418	61.206	ng	91
56) 2,4-Dinitrotoluene	10.20	165	312683	46.521	ng	# 95
57) Fluorene	10.56	166	1083722	44.244	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	325723	47.135	ng	# 84
59) Diethylphthalate	10.42	149	1162396	39.686	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	539794	38.982	ng	94
61) 4-Nitroaniline	10.60	138	229247	40.281	ng	94
62) Azobenzene	10.71	77	1078802	39.279	ng	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	174034	49.284	ng	88
65) n-Nitrosodiphenylamine	10.67	169	960254	38.876	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	334140	39.029	ng	# 90
67) Hexachlorobenzene	11.10	284	370583	39.340	ng	# 91
68) Atrazine	11.20	200	292370	38.768	ng	95
69) Pentachlorophenol	11.31	266	385423	65.504	ng	99
70) Phenanthrene	11.52	178	1463114	41.283	ng	100
71) Anthracene	11.58	178	1598213	44.788	ng	99
72) Carbazole	11.74	167	1395667	37.612	ng	99
73) Di-n-butylphthalate	12.04	149	1710771	44.732	ng	100
74) Fluoranthene	12.72	202	1528529	40.192	ng	96
76) Benzidine	12.85	184	347931	27.673	ng	97
77) Pyrene	12.95	202	1487229	49.803	ng	98
79) Butylbenzylphthalate	13.55	149	615403	47.919	ng	93
80) Benzo(a)anthracene	14.14	228	1089999	42.604	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	268091	32.721	ng	# 98
82) Chrysene	14.18	228	1061653	43.198	ng	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	779109	42.996	ng	98
84) Di-n-octyl phthalate	14.72	149	1201272	42.649	ng	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	1352732	64.944	ng	# 92
87) Benzo(b)fluoranthene	15.22	252	988606	36.467	ng	97
88) Benzo(k)fluoranthene	15.25	252	1044910	39.342	ng	98
89) Benzo(a)pyrene	15.62	252	1032184	41.624	ng	97
90) Dibenzo(a,h)anthracene	17.28	278	1117319	52.123	ng	96
91) Benzo(g,h,i)perylene	17.75	276	1155301	54.639	ng	# 93

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



#1

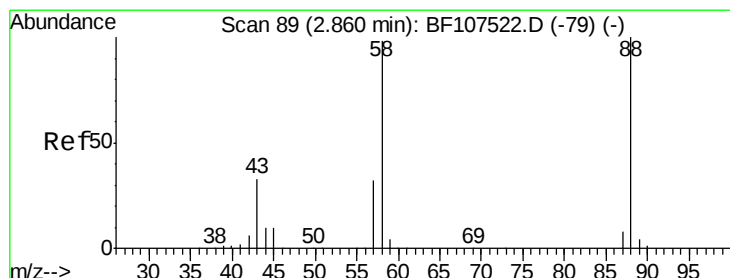
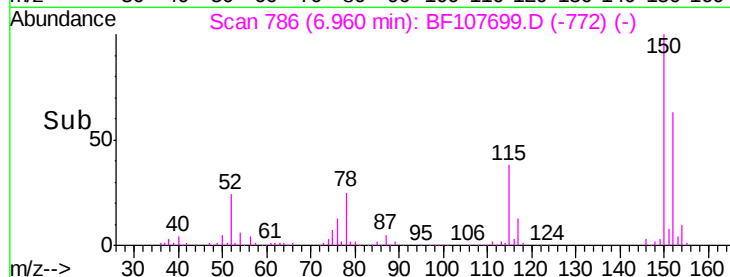
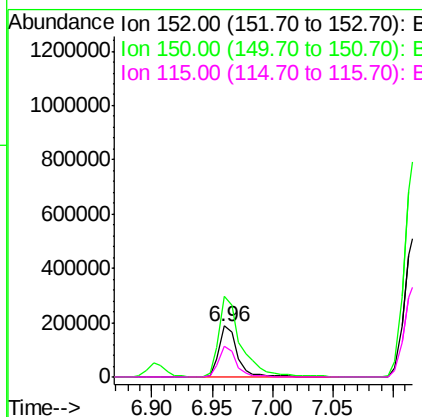
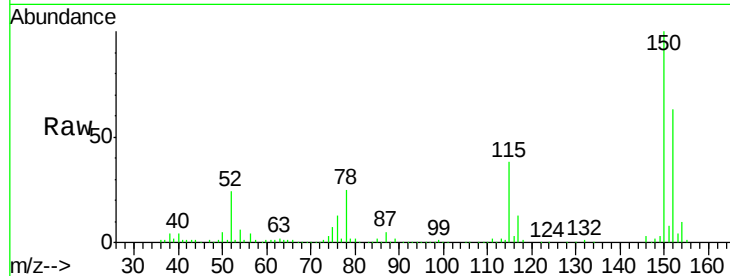
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	60.7	50.1	75.1

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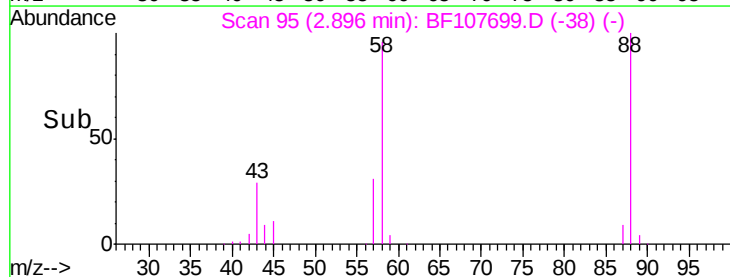
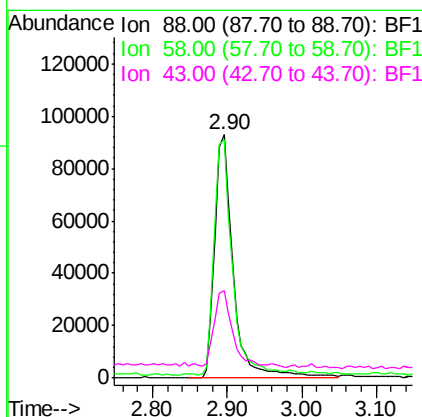
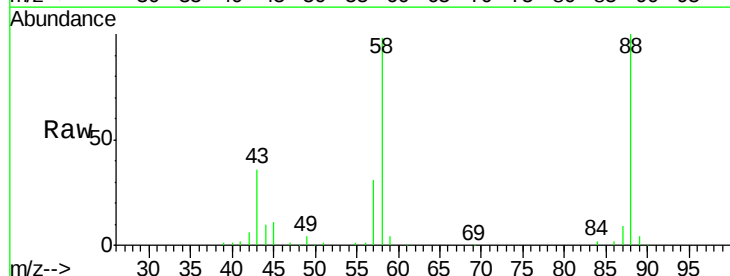
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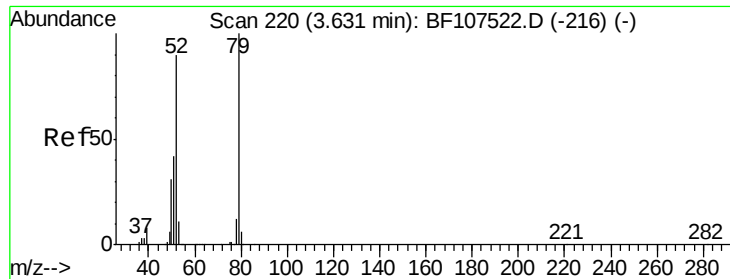


#2

1,4-Dioxane
Concen: 27.120 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.04 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	62.6	93.8#
43	28.9	24.6	37.0





#3

Pyridine

Concen: 24.687 ng

RT: 3.68 min Scan# 228

Delta R.T. 0.05 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Instrument :

BNA_F

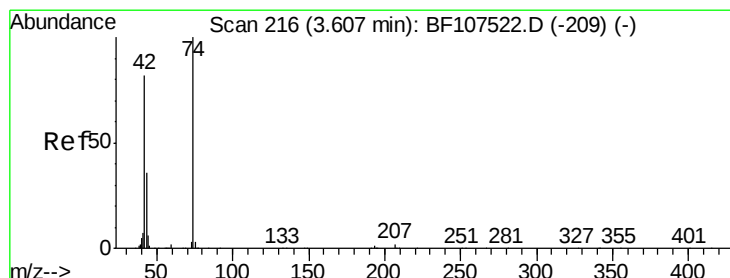
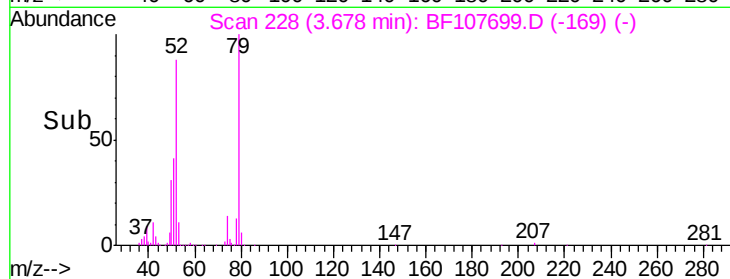
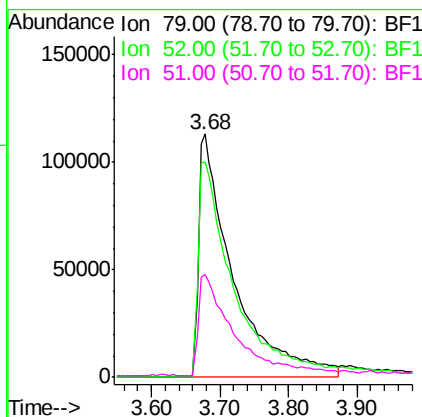
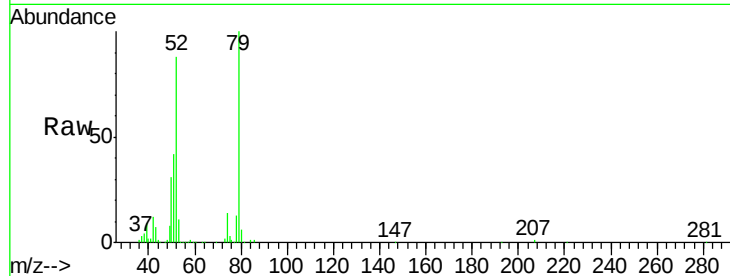
ClientSampleId :

PB111479BS

Tgt Ion:	79	Resp:	399601
Ion Ratio	Lower	Upper	
79	100		
52	88.4	59.8	89.6
51	42.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 26.661 ng

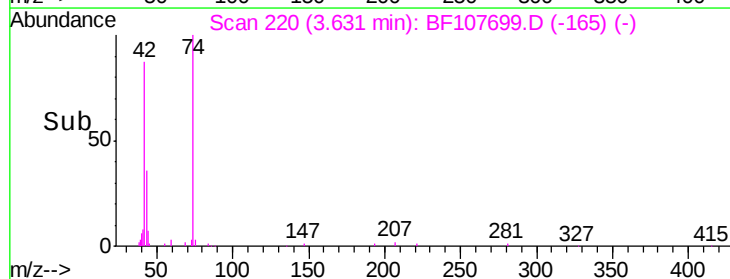
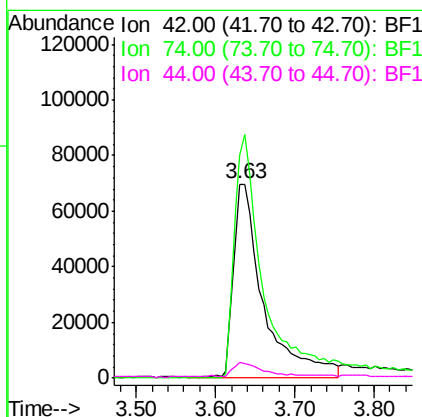
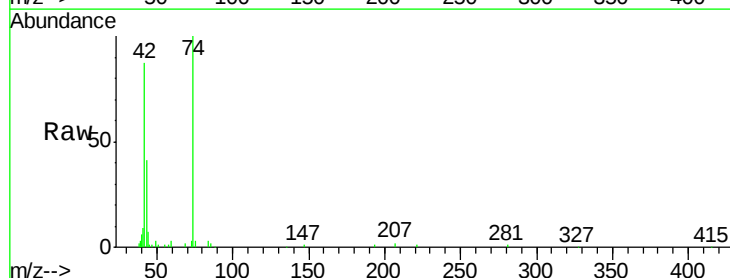
RT: 3.63 min Scan# 220

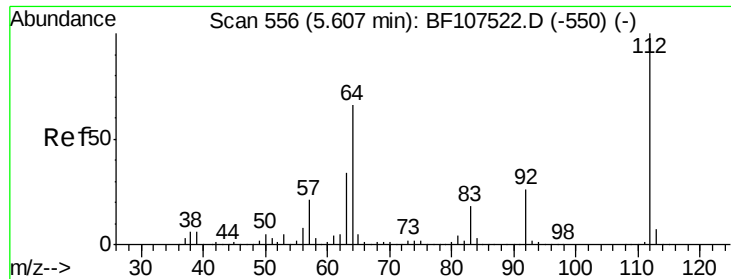
Delta R.T. 0.02 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Tgt Ion:	42	Resp:	182012
Ion Ratio	Lower	Upper	
42	100		
74	114.8	104.9	157.3
44	8.3	6.9	10.3





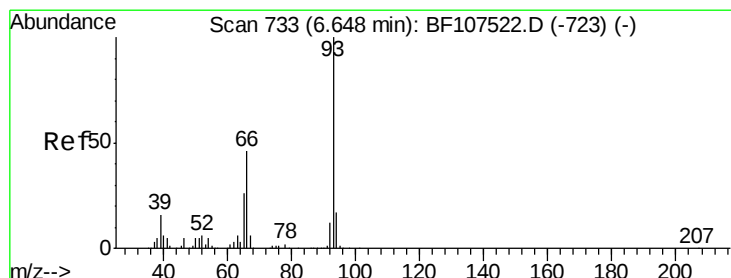
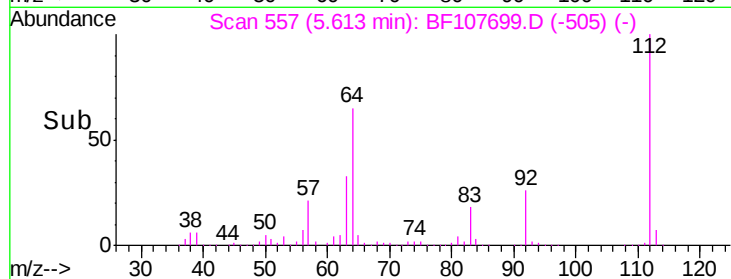
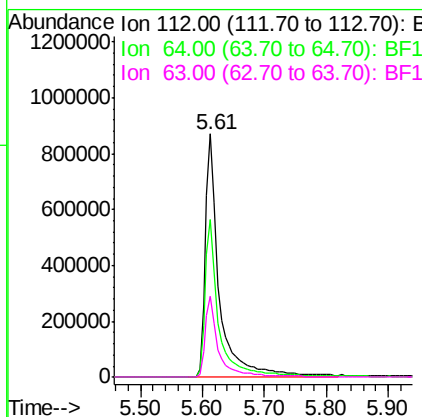
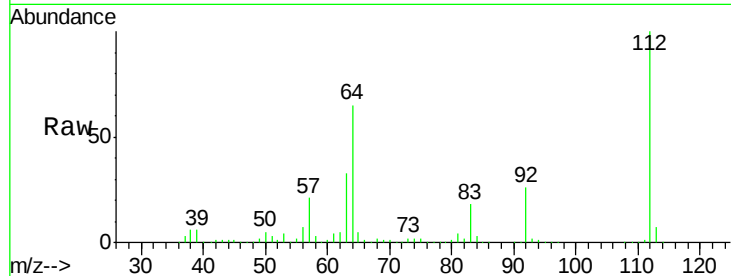
#5
 2-Fluorophenol
 Concen: 109.646 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
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 ClientSampleId :
 PB111479BS

Tgt Ion:	112	Resp:	1401626
Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	33.1	23.7	35.5

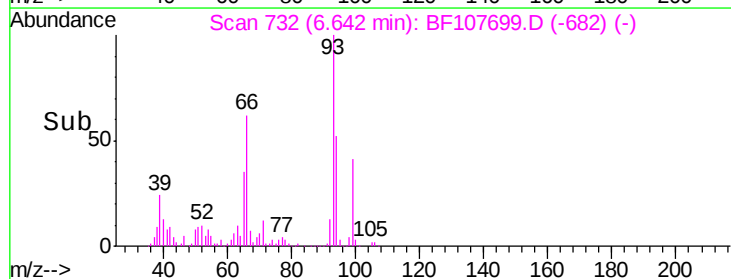
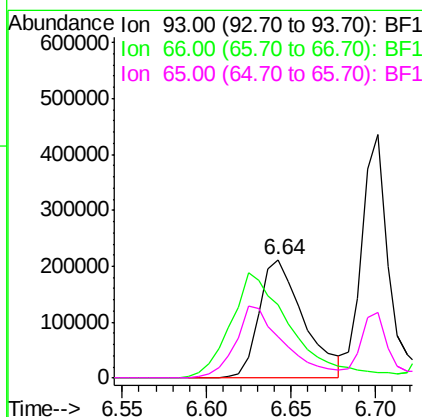
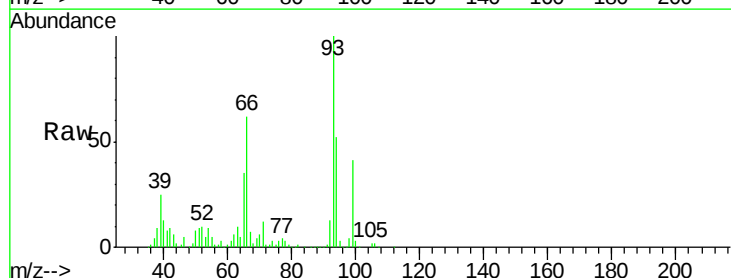
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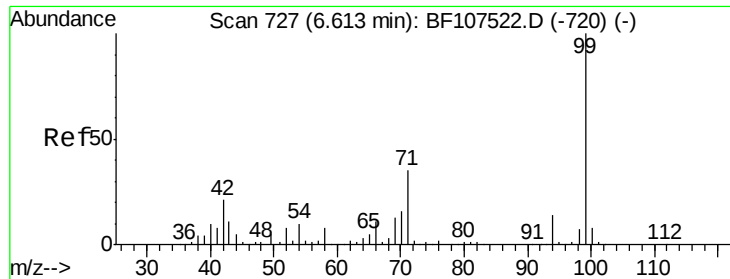
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#6
 Aniline
 Concen: 19.702 ng
 RT: 6.64 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion:	93	Resp:	390043
Ion	Ratio	Lower	Upper
93	100		
66	62.3	32.2	48.2#
65	34.8	16.4	24.6#





#7

Phenol-d6

Concen: 105.860 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Instrument :

BNA_F

ClientSampleId :

PB111479BS

Tgt Ion: 99 Resp: 1624883

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

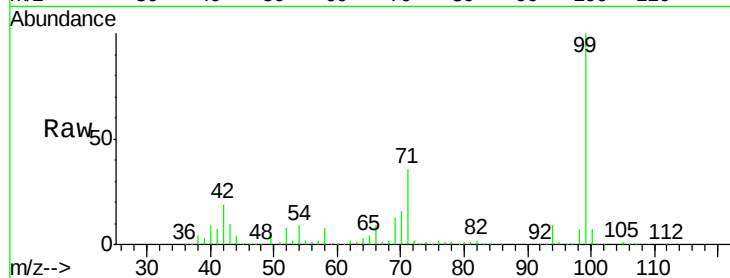
71 35.9 25.4 38.0

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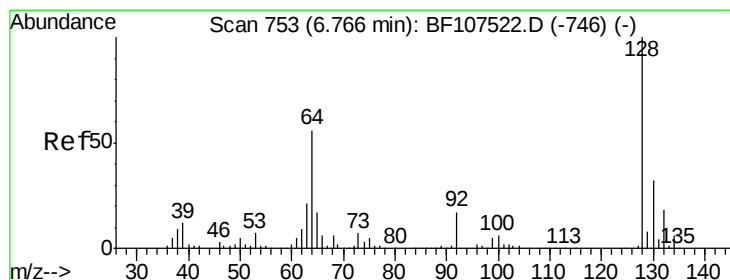
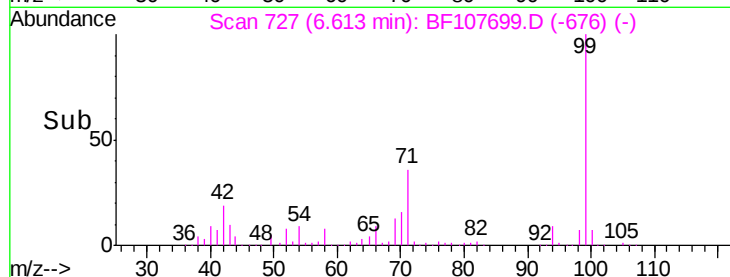
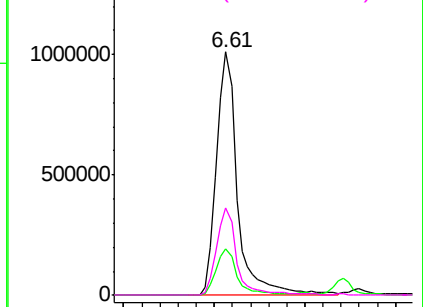
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.389 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

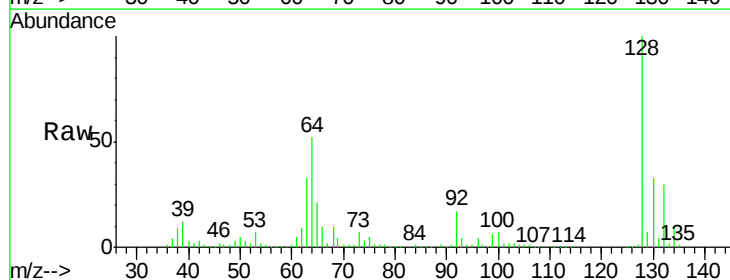
Tgt Ion: 128 Resp: 512061

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

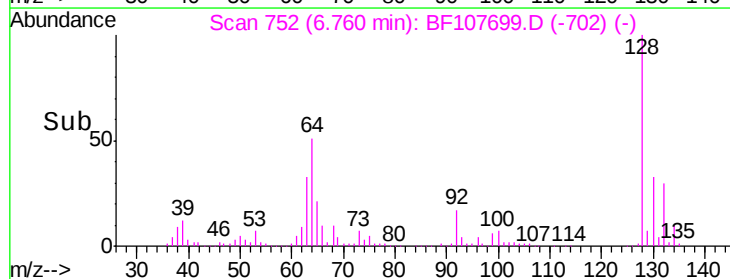
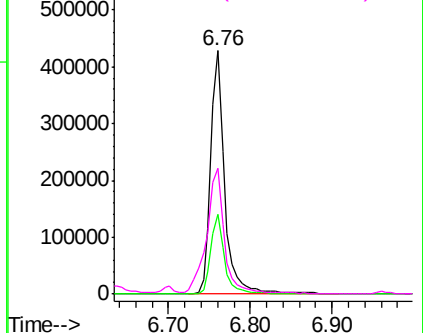
64 51.5 29.4 69.4

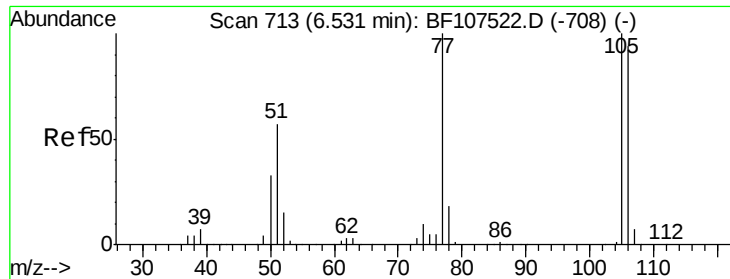


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 27.730 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Instrument :

BNA_F

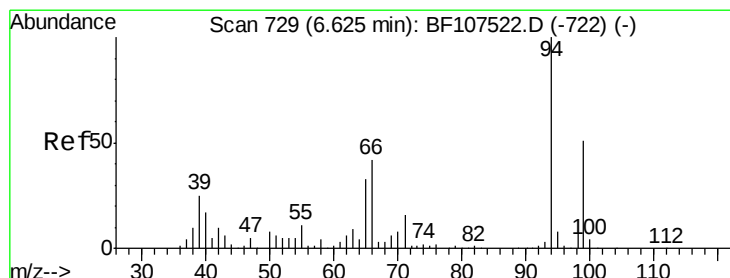
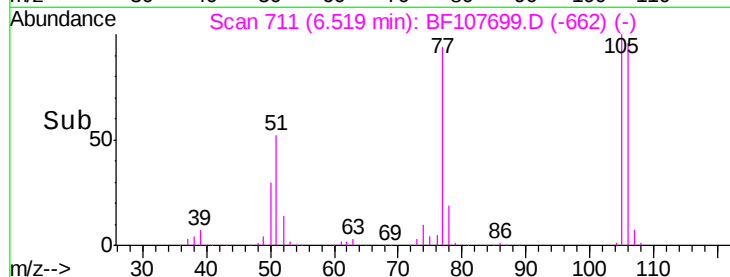
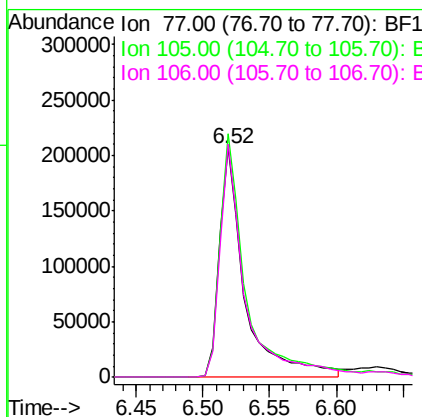
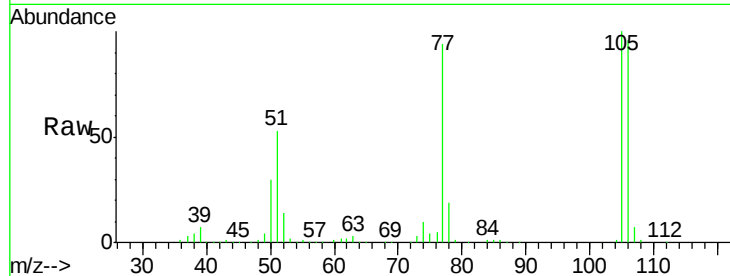
ClientSampleId :

PB111479BS

Tgt Ion:	77	Resp:	280100
Ion Ratio	Lower	Upper	
77	100		
105	106.3	81.1	121.1
106	101.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 31.793 ng

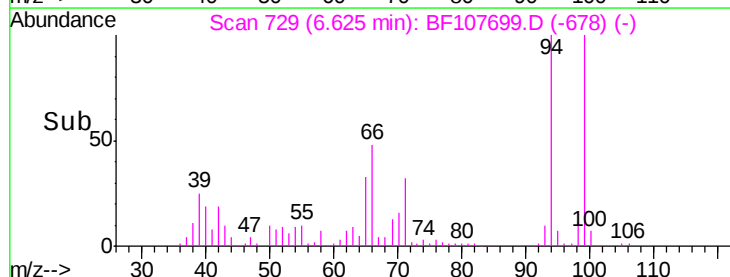
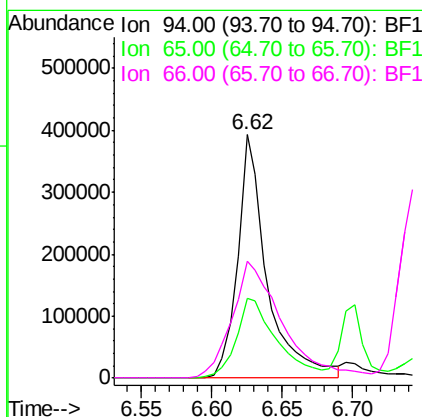
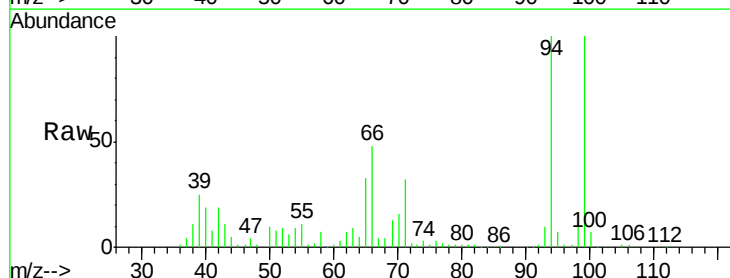
RT: 6.62 min Scan# 729

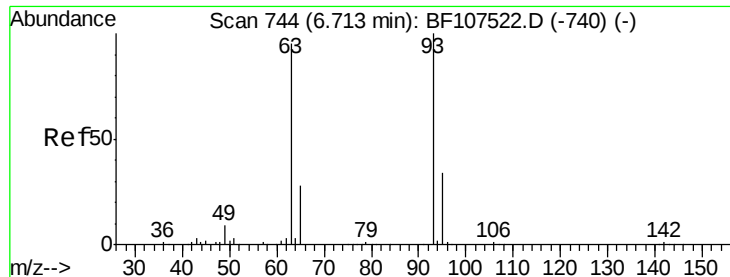
Delta R.T. -0.00 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Tgt Ion:	94	Resp:	573922
Ion Ratio	Lower	Upper	
94	100		
65	33.0	7.9	47.9
66	48.1	16.2	56.2





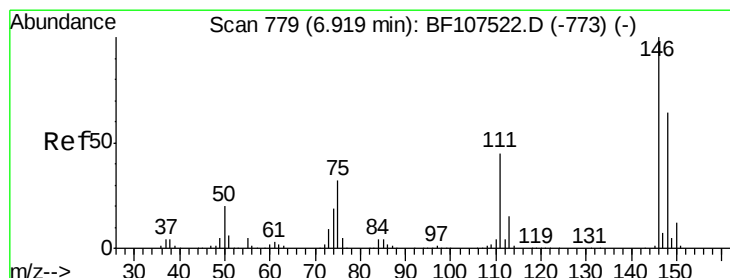
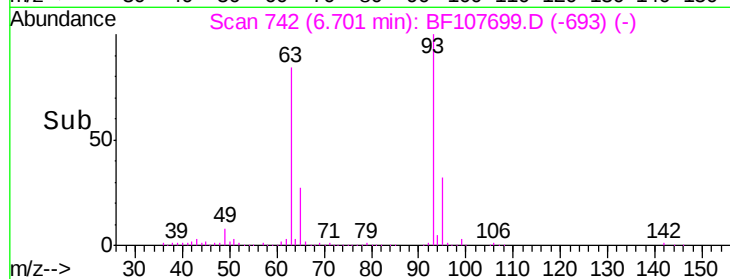
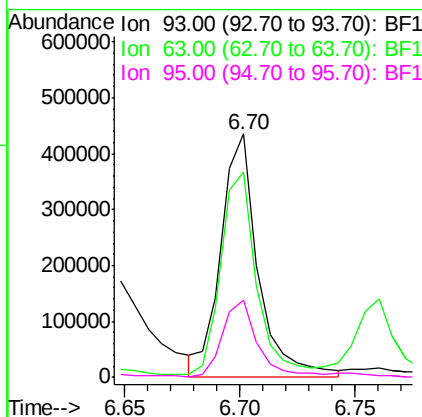
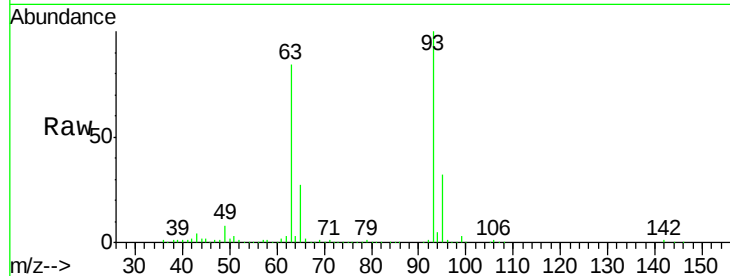
#11
bis(2-Chloroethyl)ether
Concen: 32.351 ng
RT: 6.70 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	484166		
63	84.3	58.6	98.6	
95	31.9	11.8	51.8	

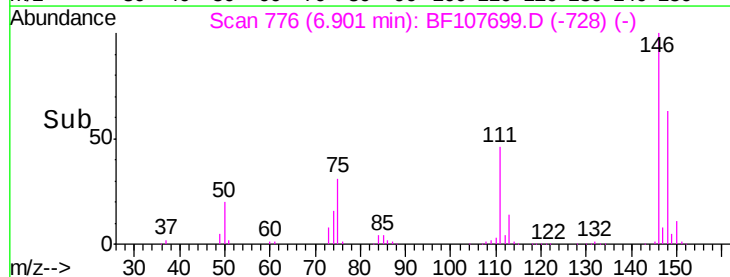
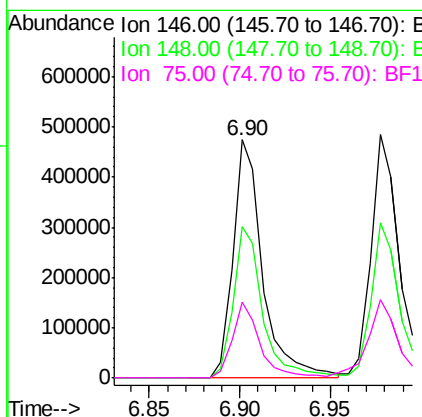
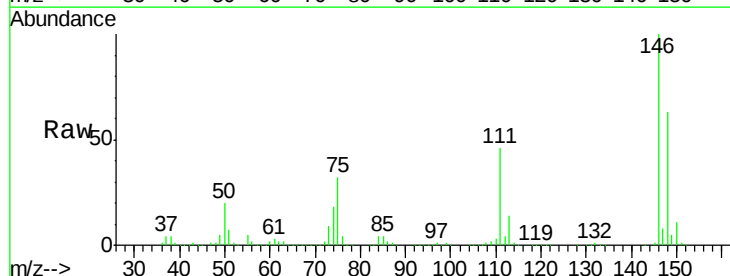
Manual Integrations
APPROVED

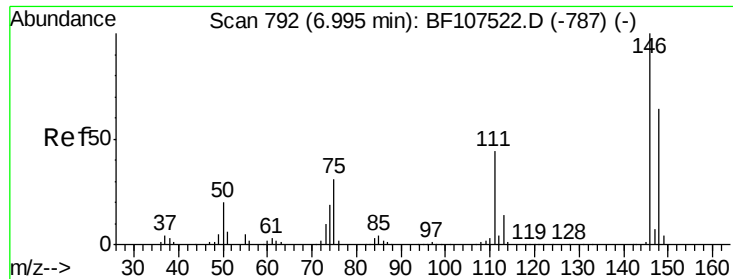
Sohil
7/27/2018 2:53:40 PM



#12
1,3-Dichlorobenzene
Concen: 34.735 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	539355		
148	63.4	51.8	77.8	
75	32.0	24.2	36.4	





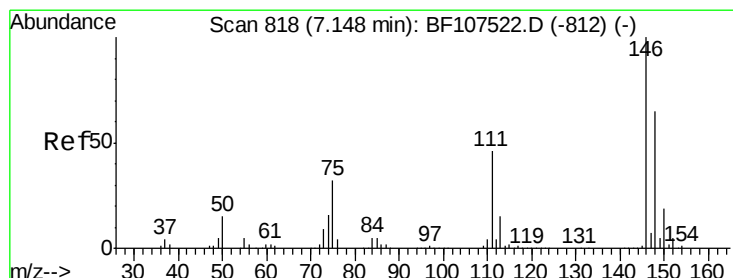
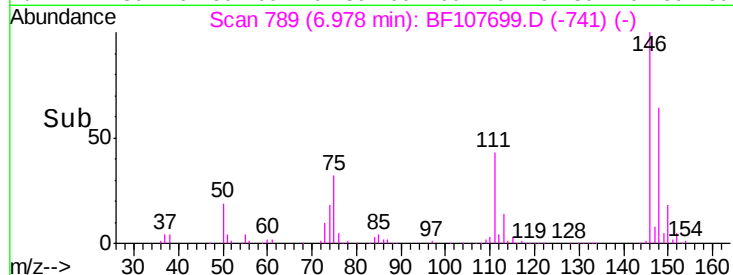
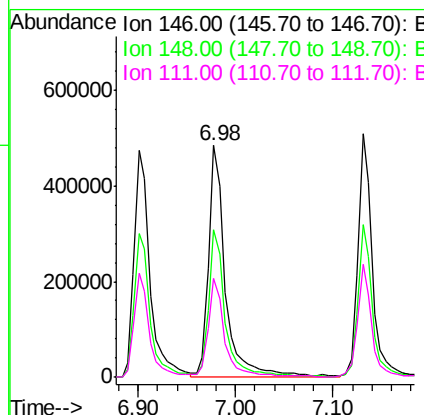
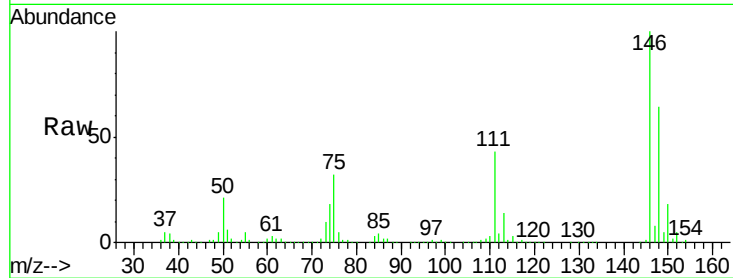
#13
 1,4-Dichlorobenzene
 Concen: 36.744 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	42.9	34.2	51.2

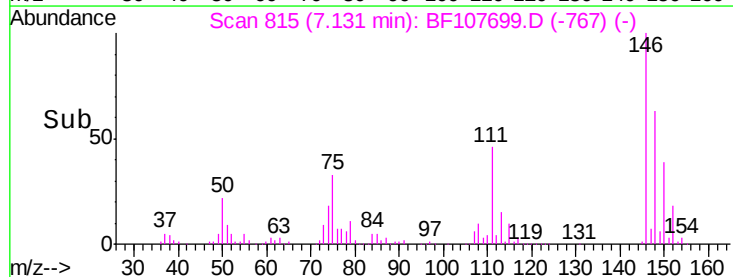
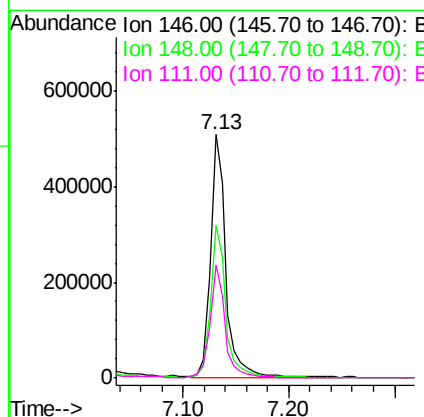
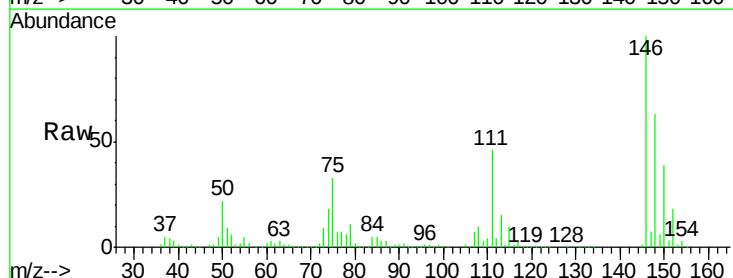
Manual Integrations
 APPROVED

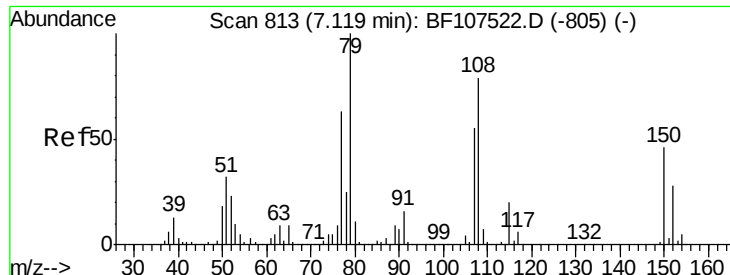
Sohil
 7/27/2018 2:53:40 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.947 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	46.4	36.0	54.0





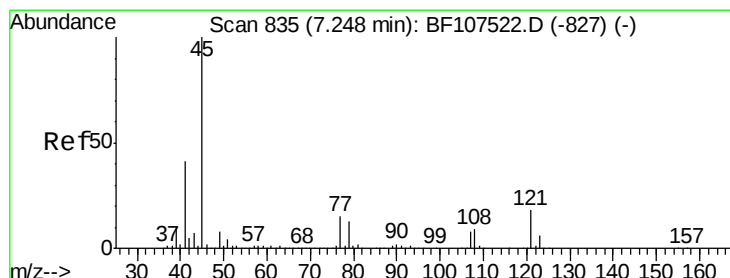
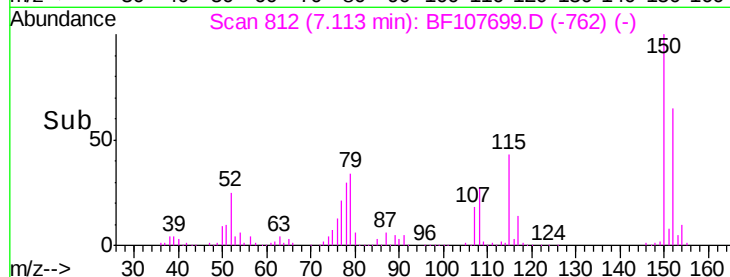
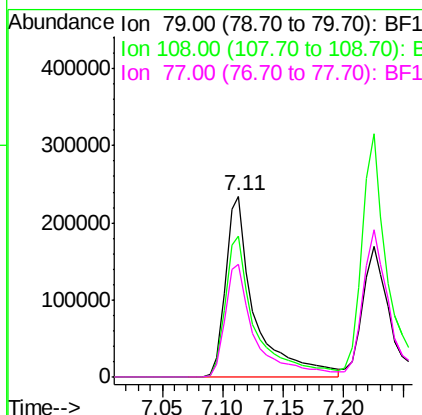
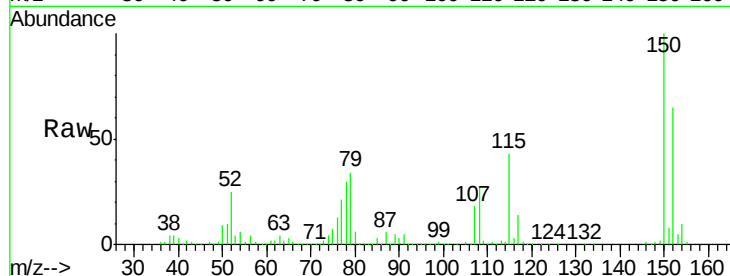
#15
Benzyl Alcohol
Concen: 37.652 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	78.1	65.1	97.7
77	62.6	50.6	75.8

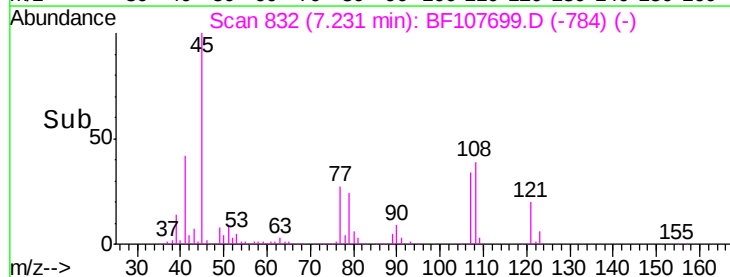
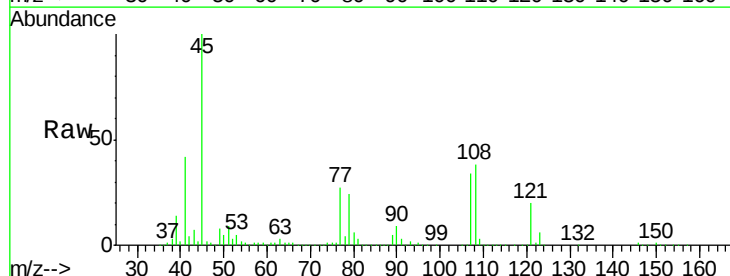
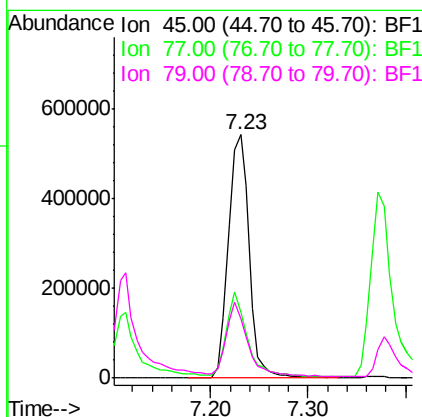
Manual Integrations
APPROVED

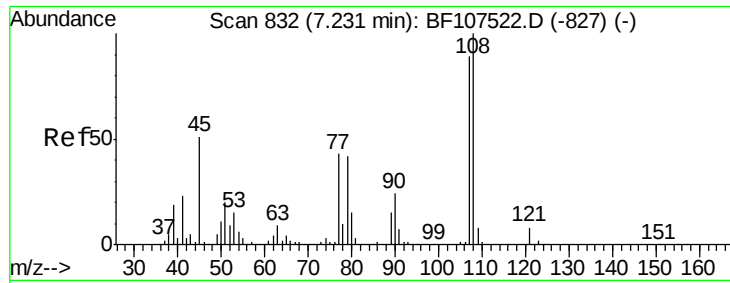
Sohil
7/27/2018 2:53:40 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.575 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.9	0.0	32.9
79	24.5	0.0	29.6





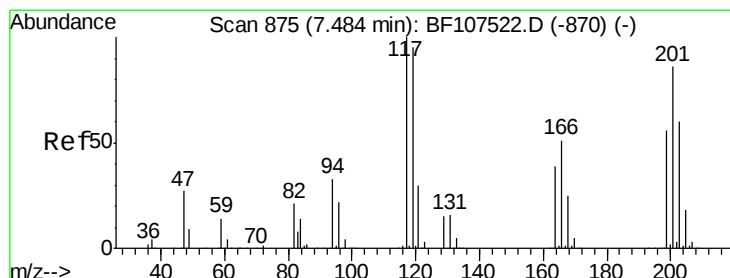
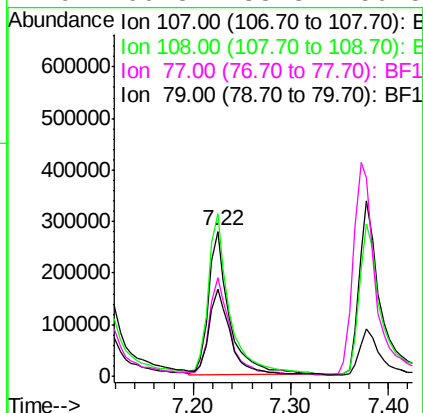
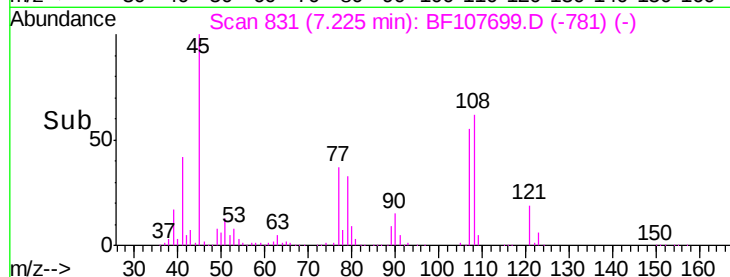
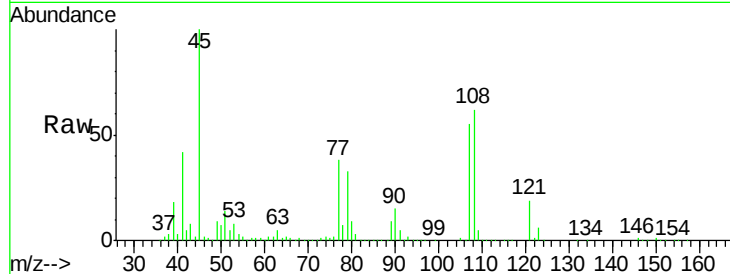
#17
2-Methylphenol
Concen: 35.899 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.7	137.5	
77	67.9	33.8	50.8#	
79	60.3	33.8	50.8#	

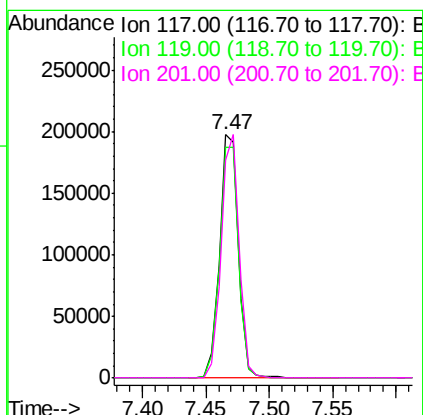
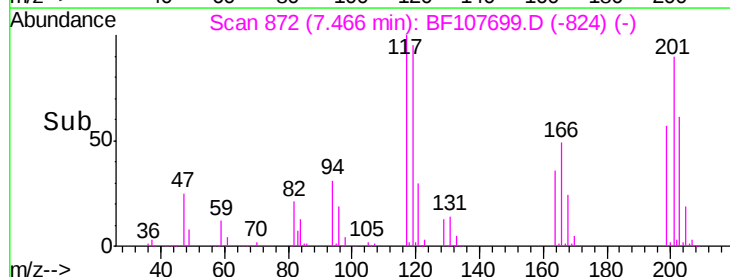
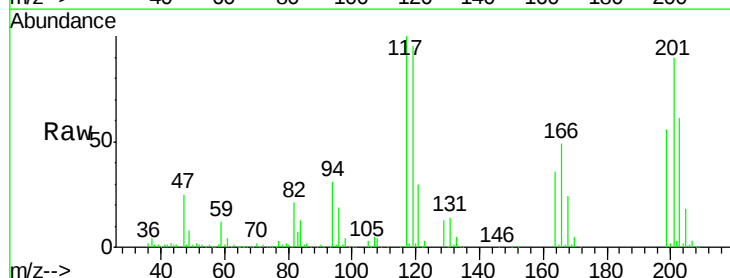
Manual Integrations
APPROVED

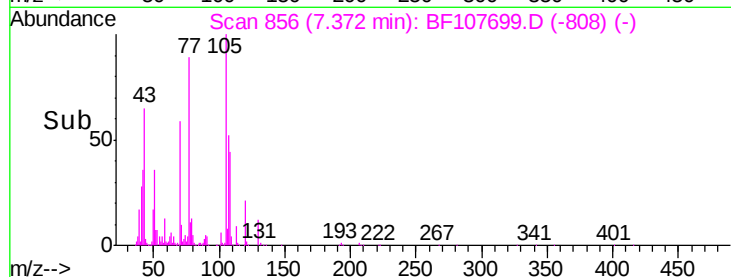
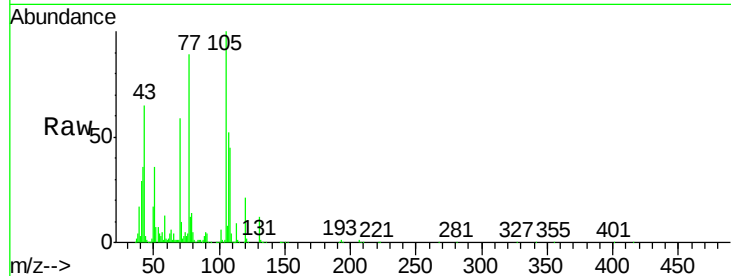
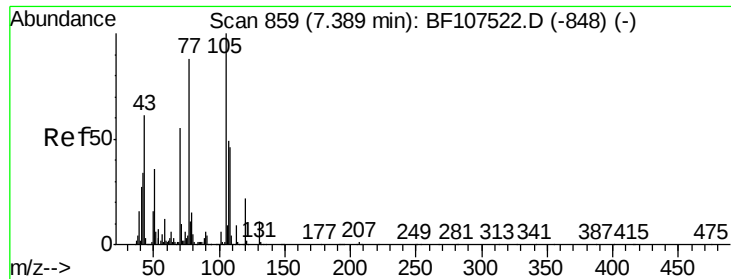
Sohil
7/27/2018 2:53:40 PM



#18
Hexachloroethane
Concen: 36.851 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	75.8	113.8	
201	89.8	75.7	113.5	





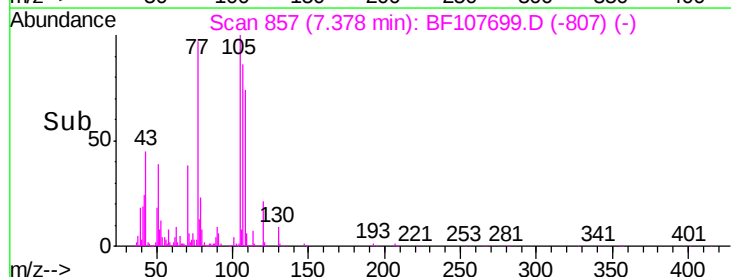
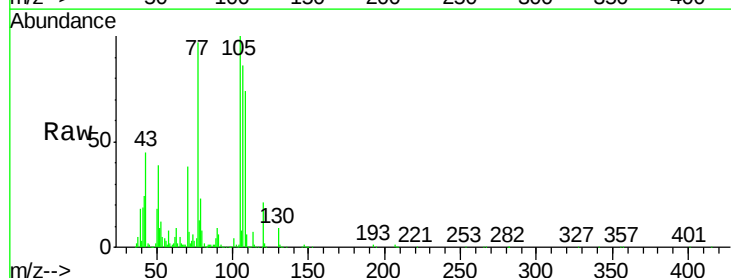
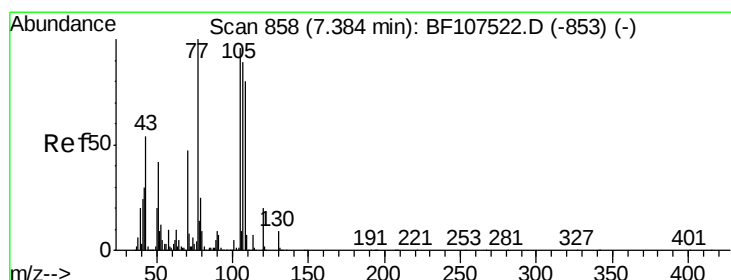
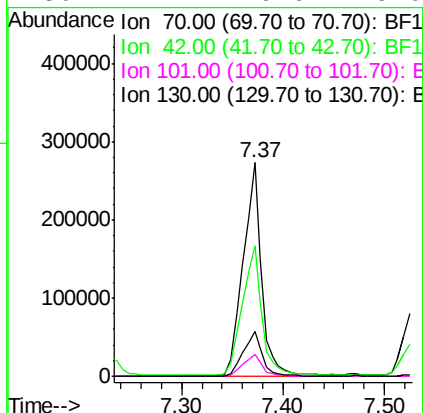
#19
n-Nitroso-di-n-propylamine
Concen: 35.403 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.5	71.3
101	10.3	7.4	11.2
130	21.1	16.6	25.0

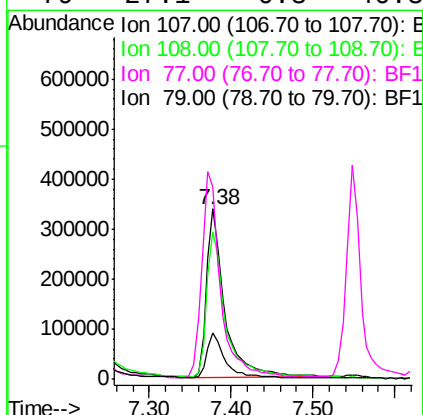
Manual Integrations
APPROVED

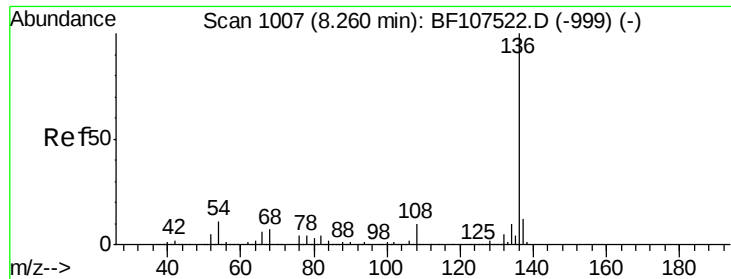
Sohil
7/27/2018 2:53:40 PM



#20
3+4-Methylphenols
Concen: 38.122 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	68.2	108.2
77	112.9	26.7	66.7#
79	27.1	6.3	46.3





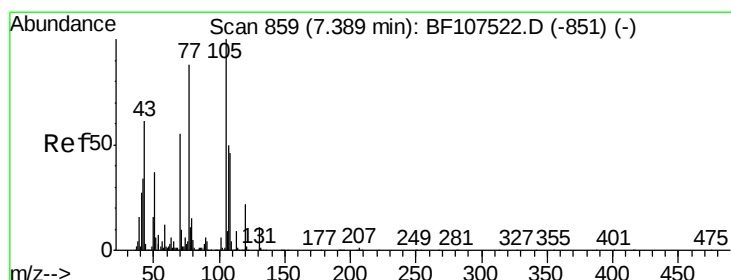
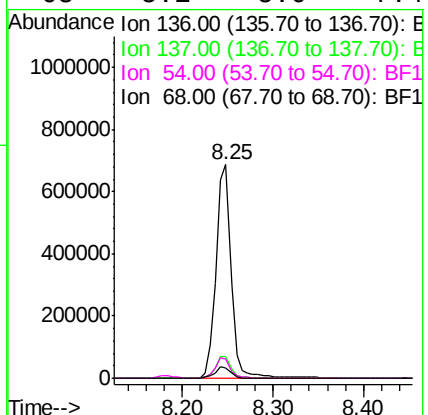
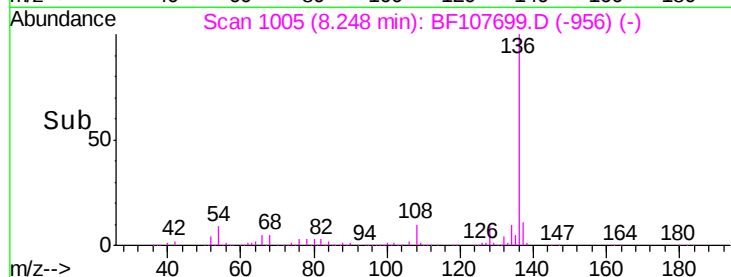
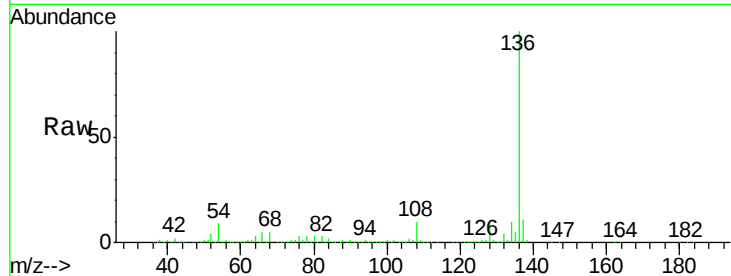
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampled :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	795692		
137	10.5	8.9	13.3	
54	8.8	6.6	9.8	
68	5.1	5.0	7.4	

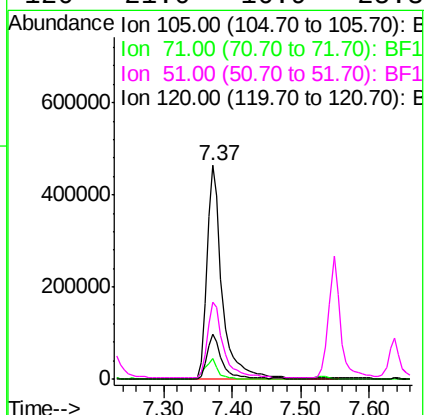
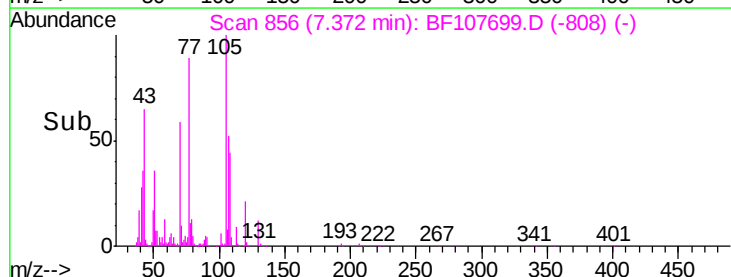
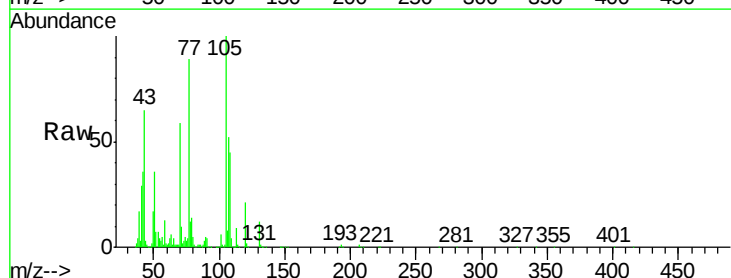
Manual Integrations
APPROVED

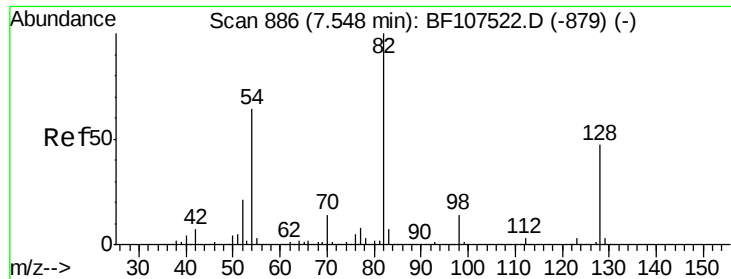
Sohil
7/27/2018 2:53:40 PM



#22
Acetophenone
Concen: 39.108 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	730800		
71	9.7	4.4	6.6#	
51	36.0	22.3	33.5#	
120	21.0	16.9	25.3	





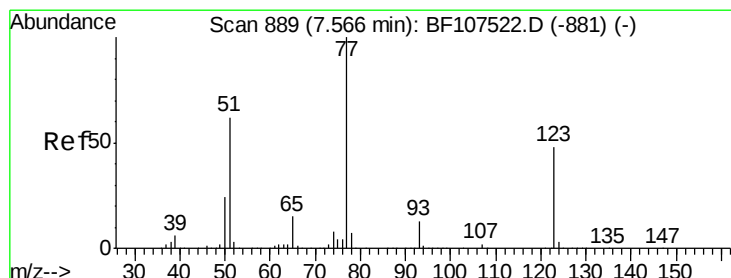
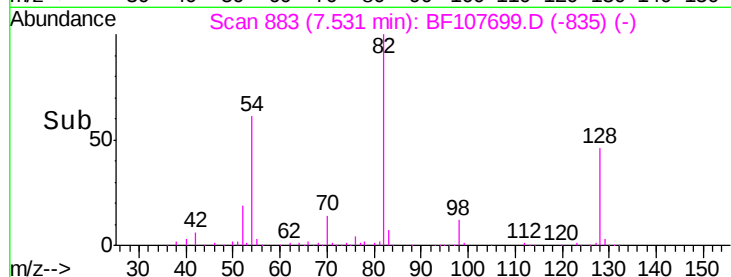
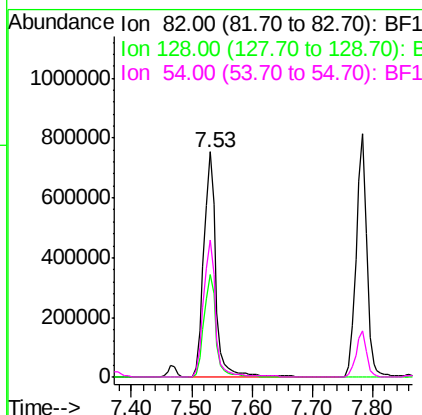
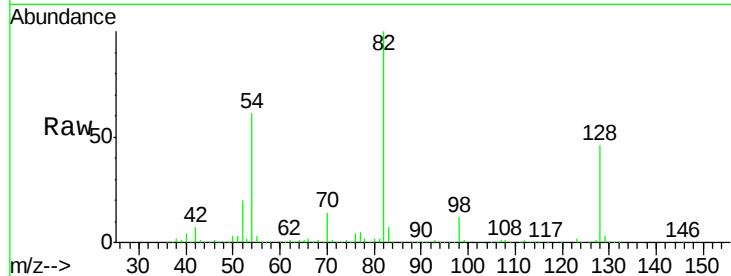
#23
Nitrobenzene-d5
Concen: 90.467 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion: 82 Resp: 1066620
Ion Ratio Lower Upper
82 100
128 45.7 36.1 54.1
54 61.1 41.4 62.2

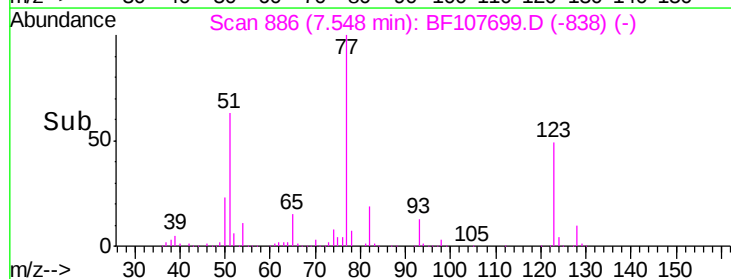
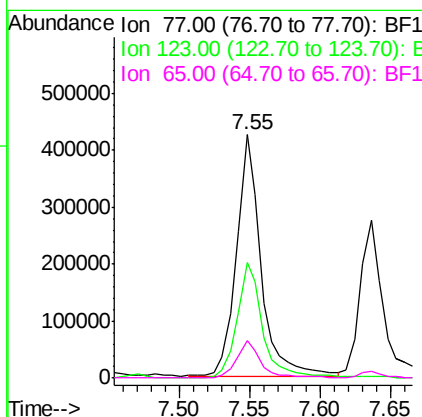
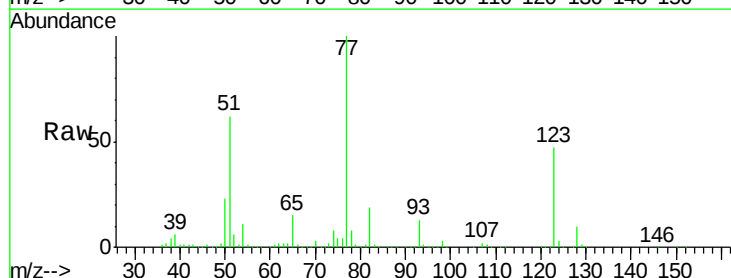
Manual Integrations
APPROVED

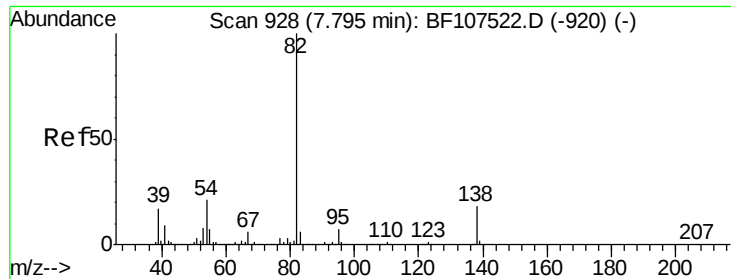
Sohil
7/27/2018 2:53:40 PM



#24
Nitrobenzene
Concen: 38.653 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion: 77 Resp: 521976
Ion Ratio Lower Upper
77 100
123 47.5 37.9 56.9
65 15.3 11.0 16.4





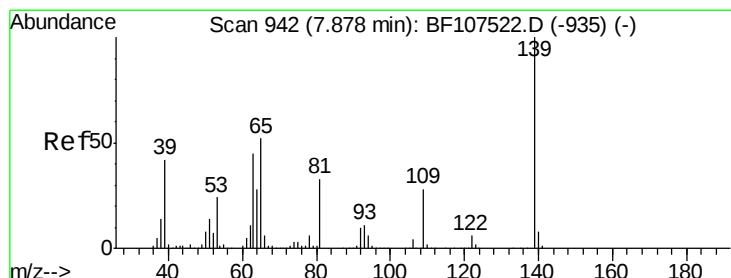
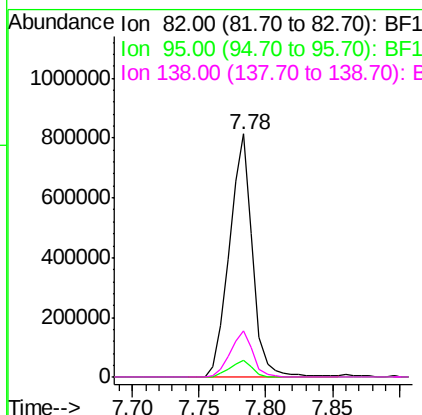
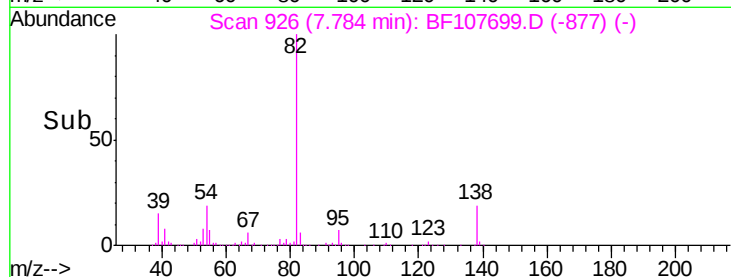
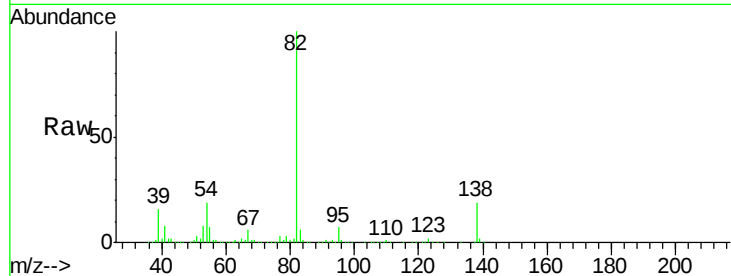
#25
Isophorone
Concen: 39.317 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	989760		
95	7.1	5.2	7.8	
138	19.1	14.9	22.3	

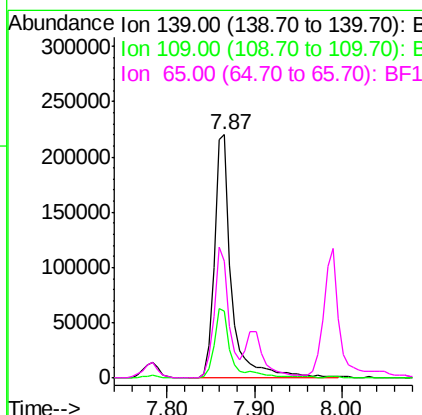
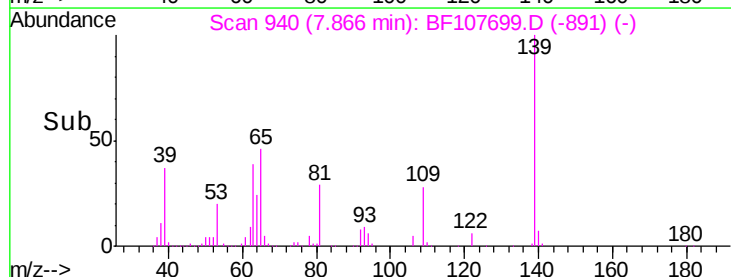
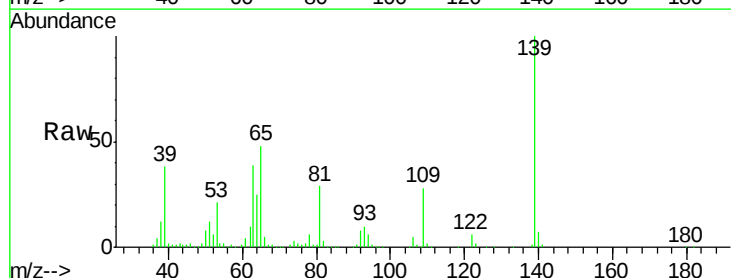
Manual Integrations
APPROVED

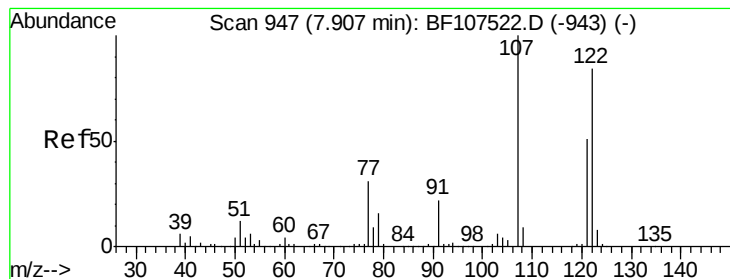
Sohil
7/27/2018 2:53:40 PM



#26
2-Nitrophenol
Concen: 52.522 ng
RT: 7.87 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	299514		
109	27.6	22.7	34.1	
65	48.0	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 41.992 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Instrument :

BNA_F

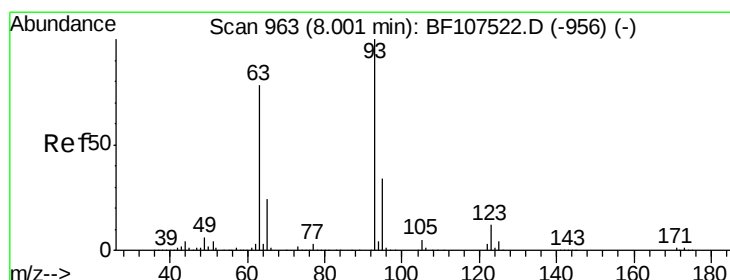
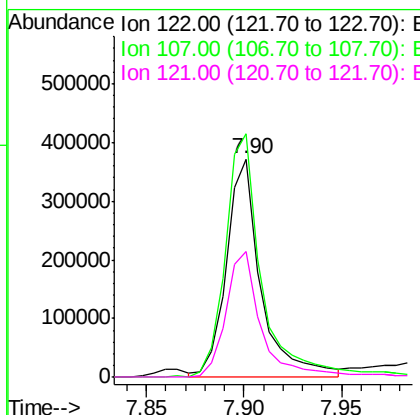
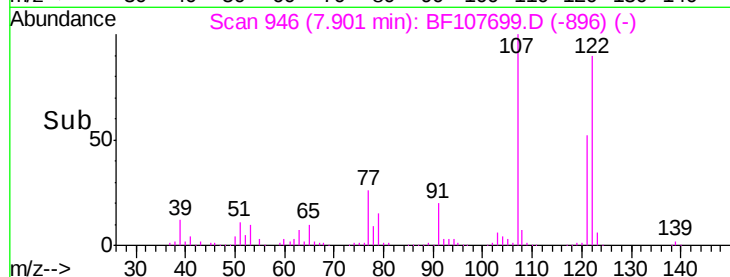
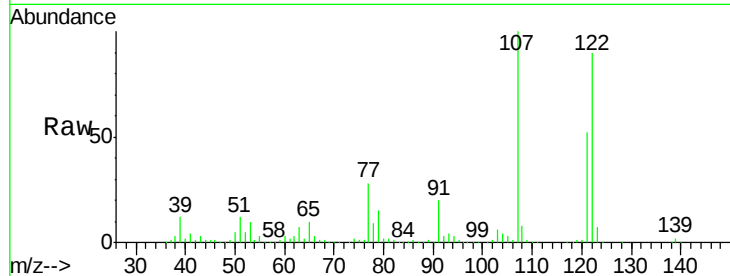
ClientSampleId :

PB111479BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.5	91.2	136.8
121	57.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 36.967 ng

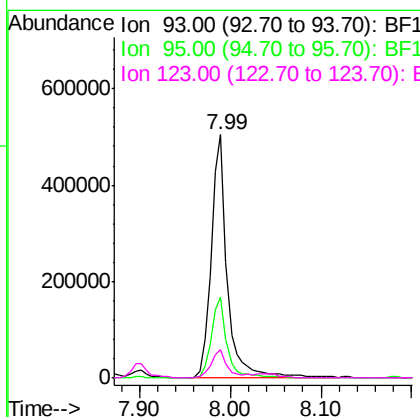
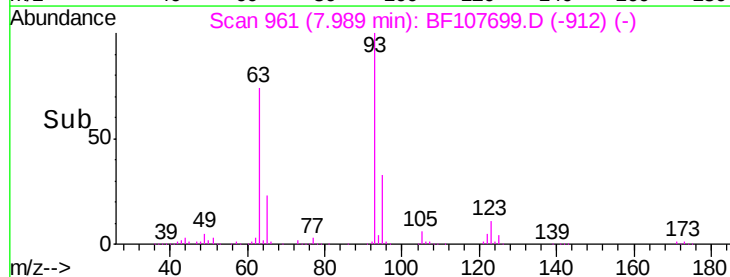
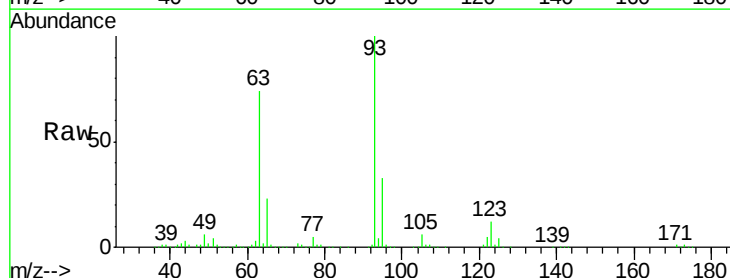
RT: 7.99 min Scan# 961

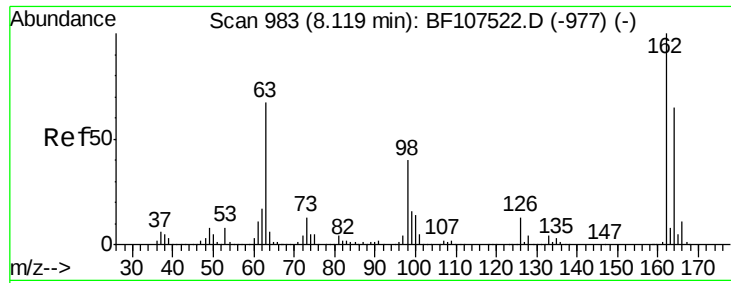
Delta R.T. -0.01 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.7	9.8	14.6





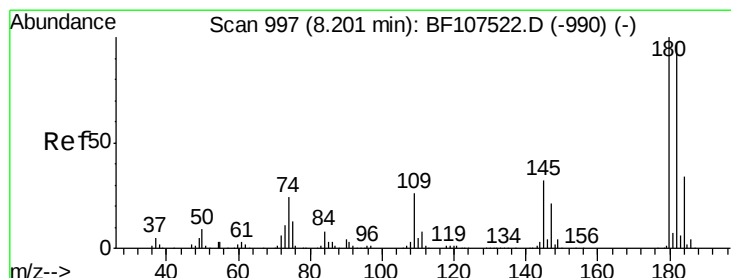
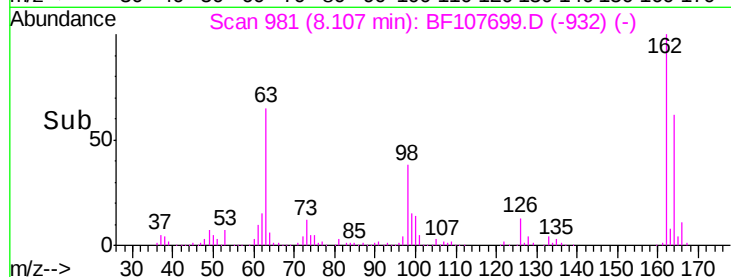
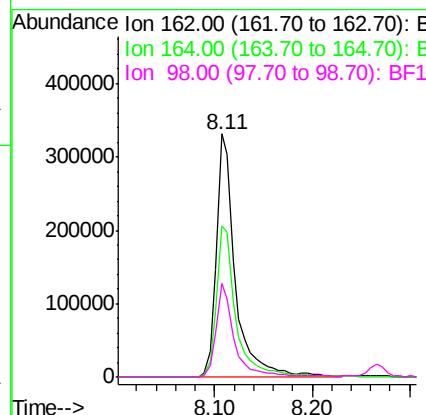
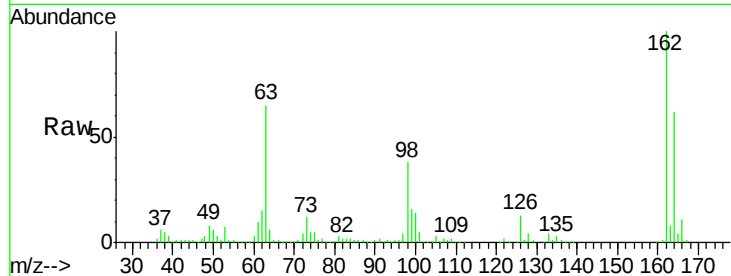
#29
2,4-Dichlorophenol
Concen: 40.805 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	450203		
164	62.5	42.7	82.7	
98	38.3	18.1	58.1	

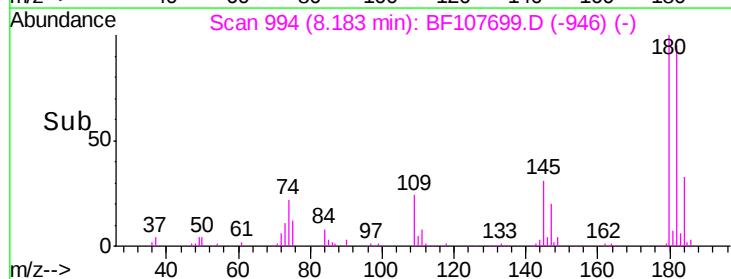
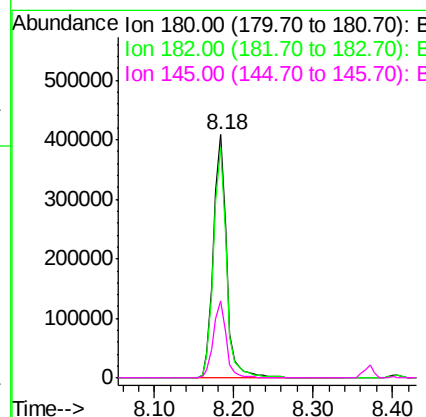
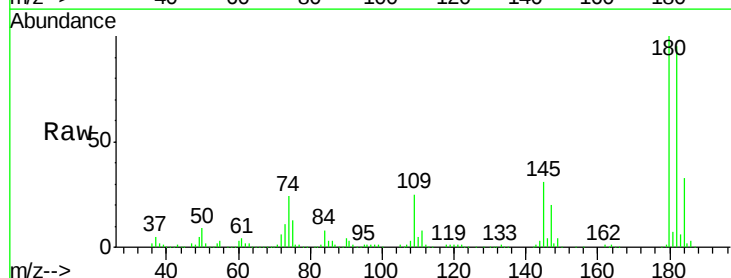
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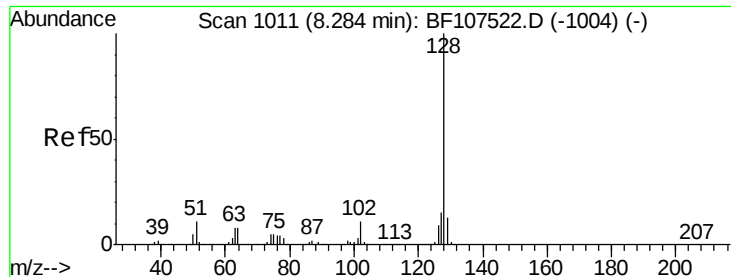
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#30
1,2,4-Trichlorobenzene
Concen: 38.347 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	475193		
182	94.6	76.8	115.2	
145	31.5	26.5	39.7	





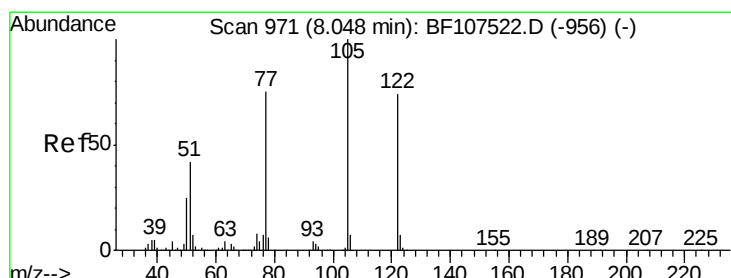
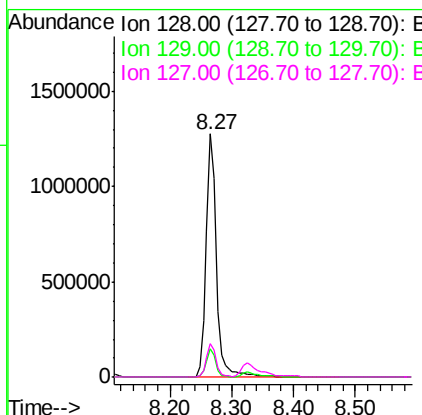
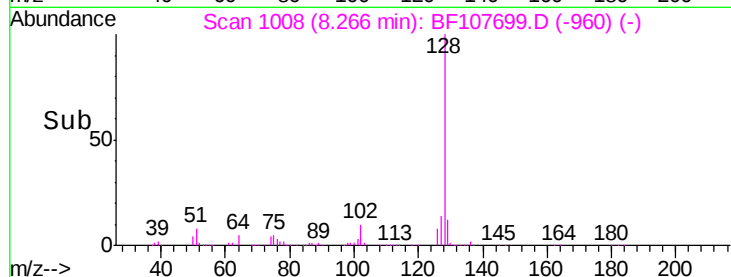
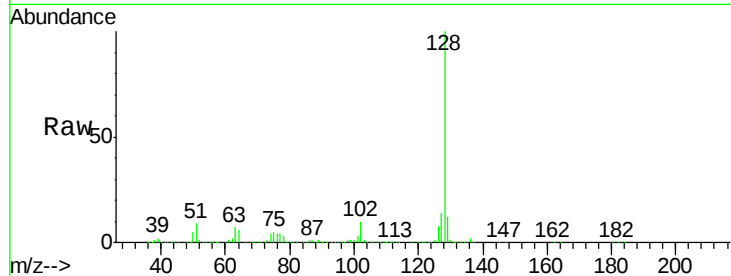
#31
Naphthalene
Concen: 42.832 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion:128 Resp: 1498672
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 13.7 10.9 16.3

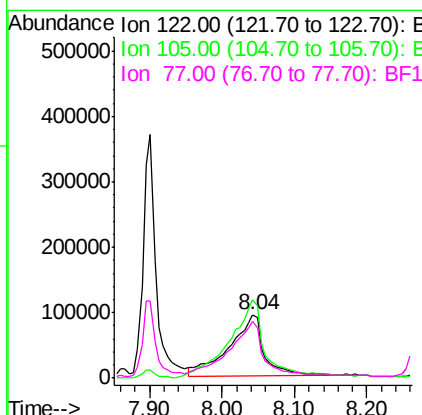
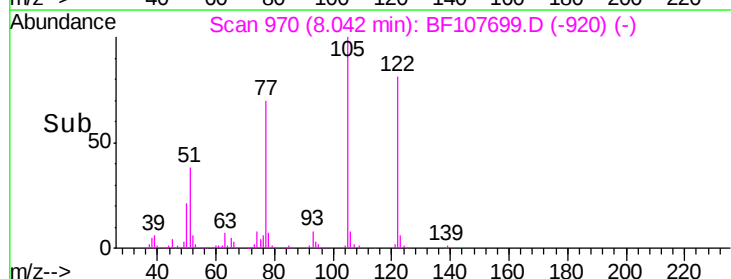
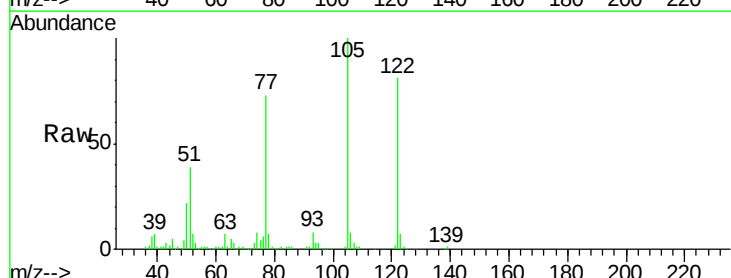
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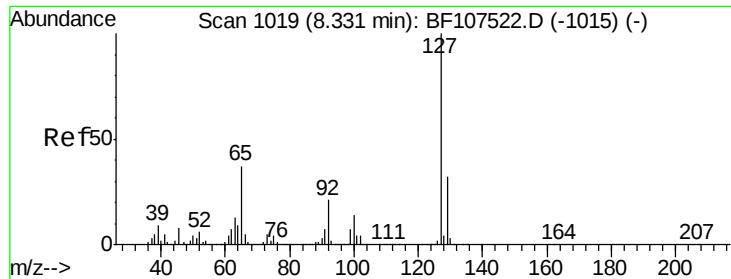
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#32
Benzoic acid
Concen: 43.016 ng
RT: 8.04 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion:122 Resp: 316762
Ion Ratio Lower Upper
122 100
105 124.2 101.1 141.1
77 90.5 70.7 110.7





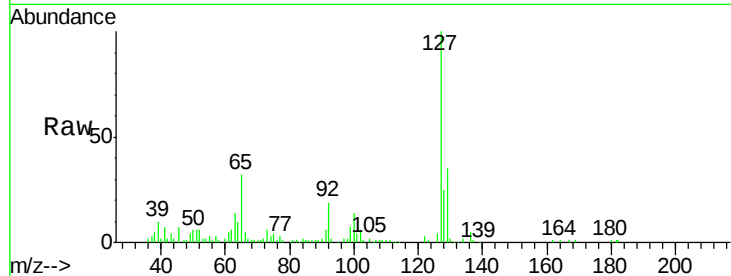
#33
4-Chloroaniline
Concen: 11.240 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	171899		
129	35.1	25.9	38.9	
65	31.9	25.0	37.4	
92	19.0	15.2	22.8	

Manual Integrations
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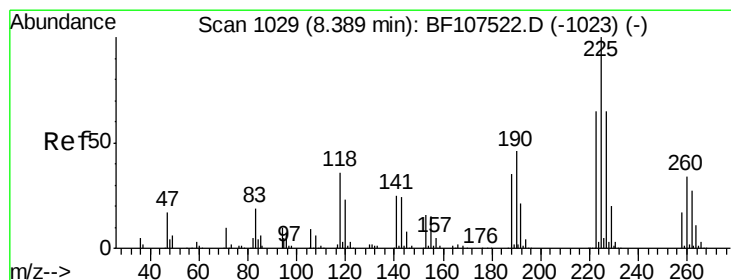
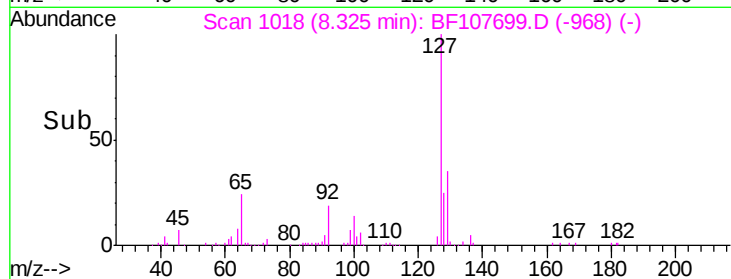
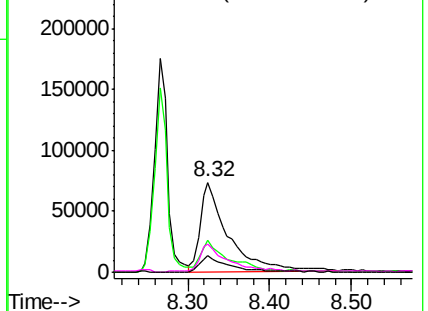
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

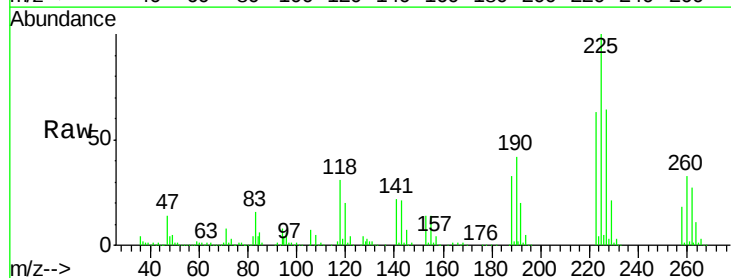
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.771 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	278122		
223	63.1	50.6	76.0	
227	63.7	51.9	77.9	

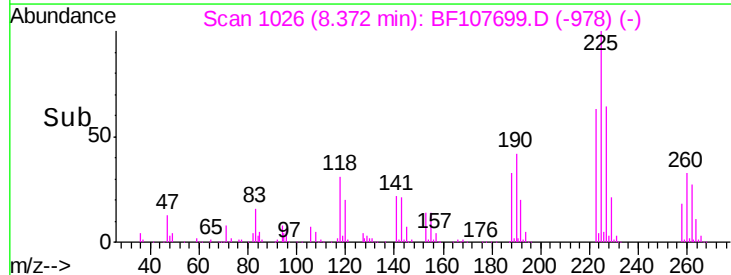
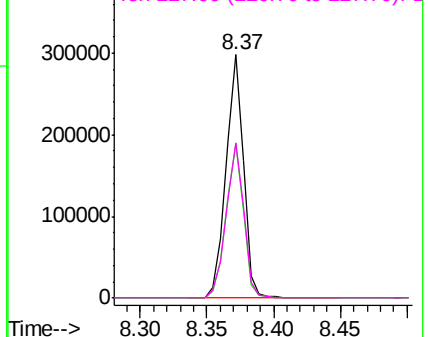


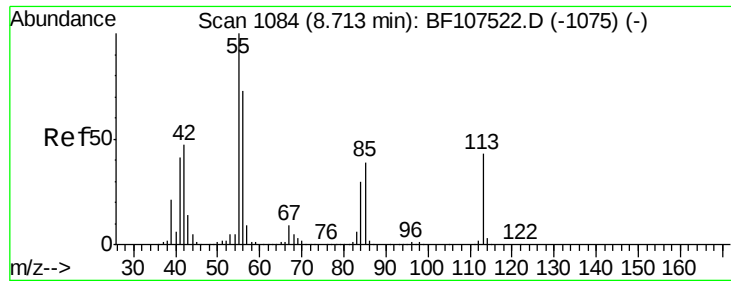
Abundance

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





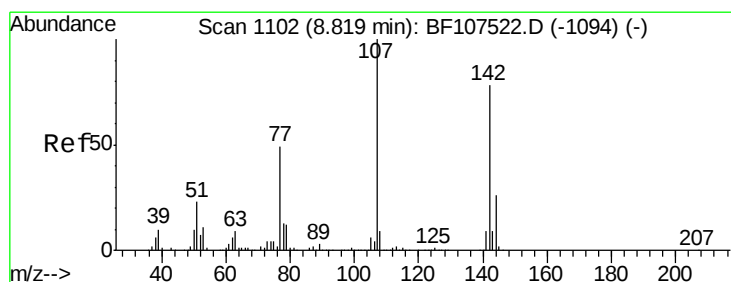
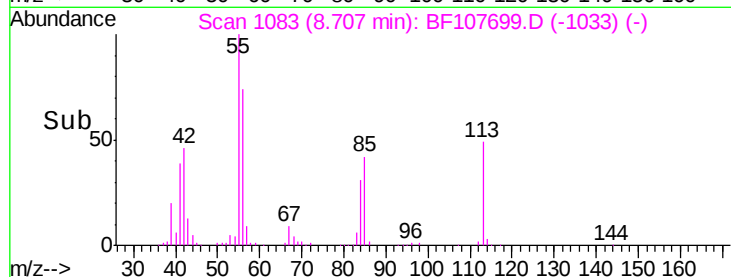
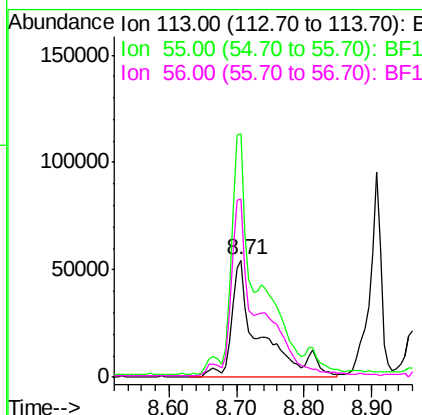
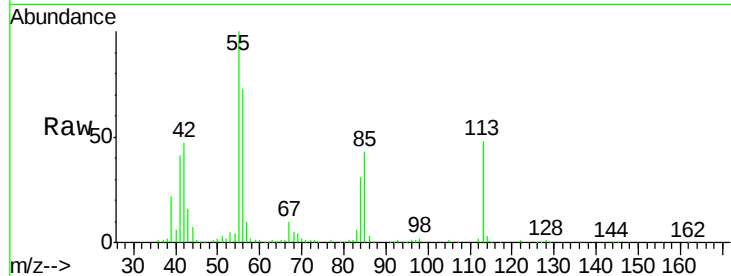
#35
 Caprolactam
 Concen: 44.415 ng m
 RT: 8.71 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

Tgt Ion:113 Resp: 159389
 Ion Ratio Lower Upper
 113 100
 55 208.3 163.3 203.3#
 56 153.1 115.7 155.7

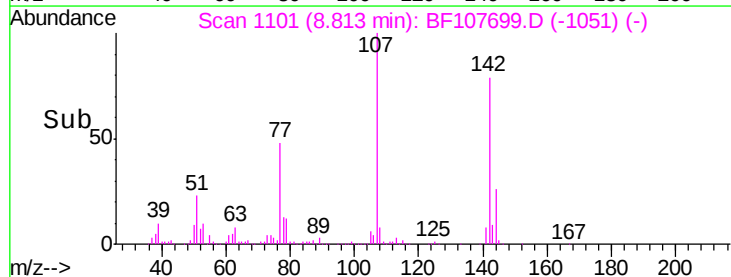
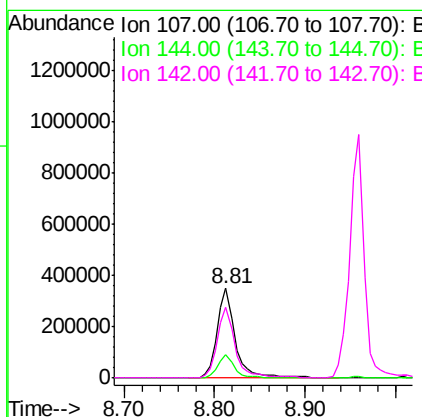
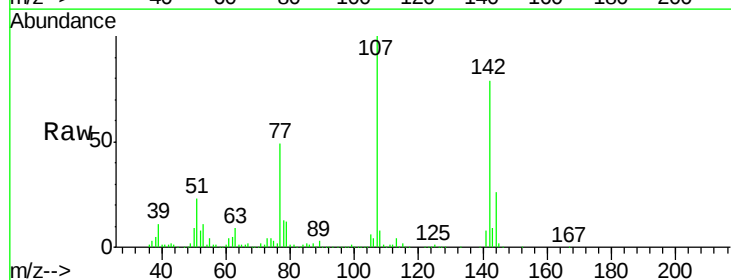
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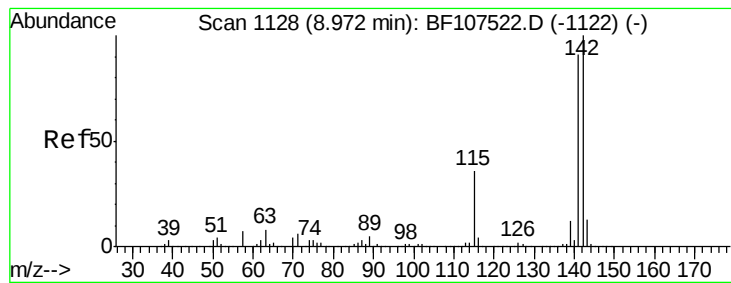
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#36
 4-Chloro-3-methylphenol
 Concen: 40.312 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion:107 Resp: 494063
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 78.6 62.0 93.0





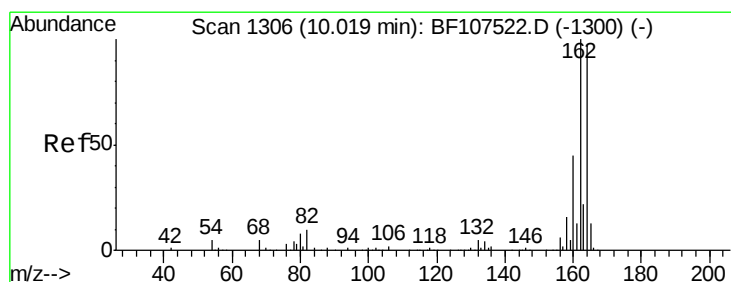
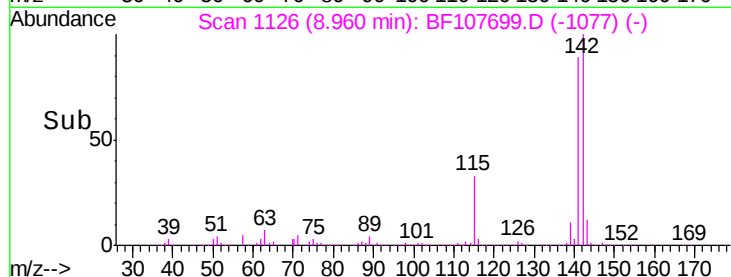
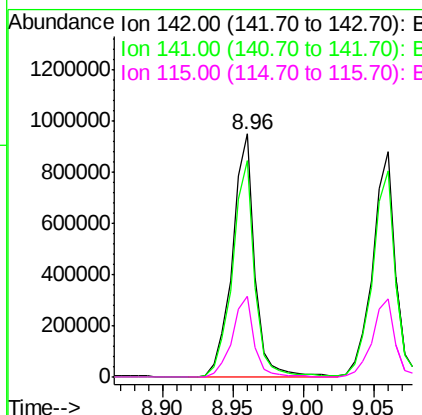
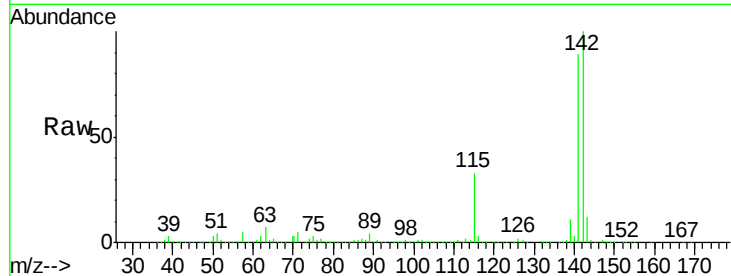
#37
2-Methylnaphthalene
Concen: 43.345 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	33.3	26.1	39.1

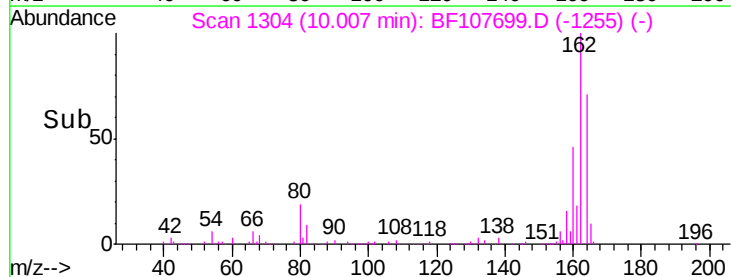
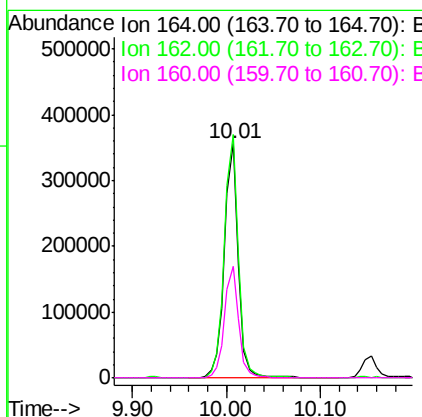
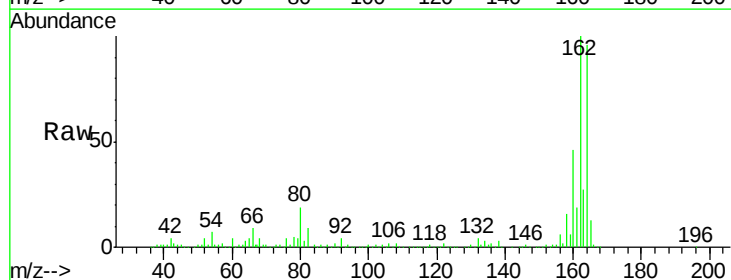
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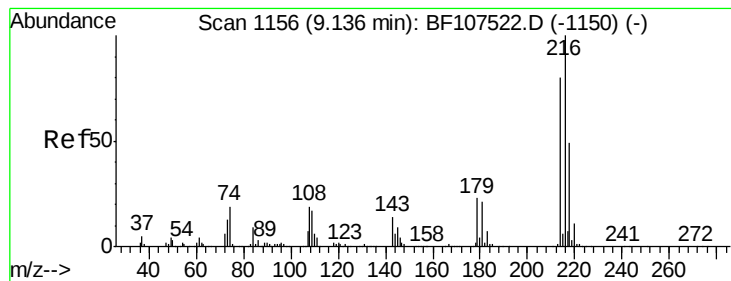
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.6	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.479 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Instrument :

BNA_F

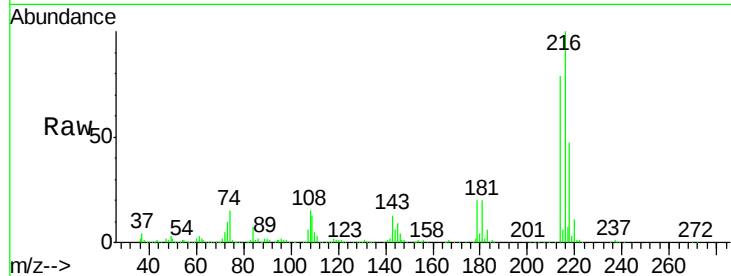
ClientSampleId :

PB111479BS

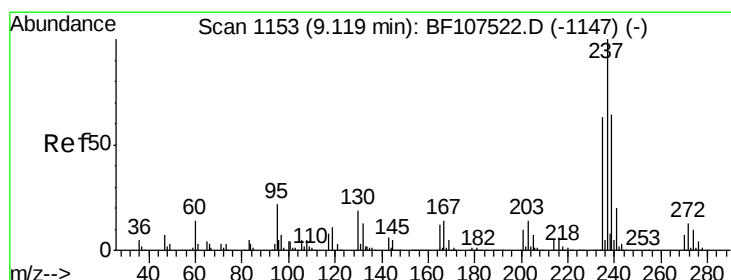
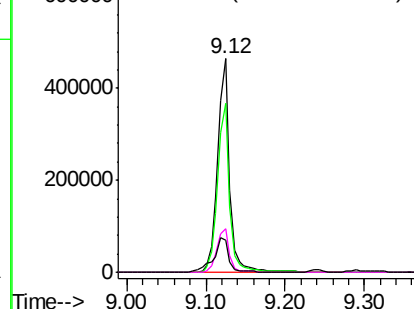
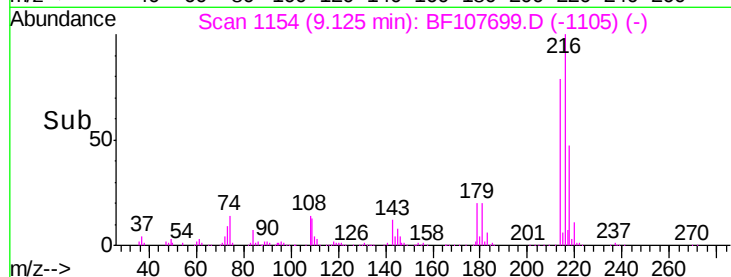
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	489999		
214	79.8	63.0	94.4	
179	21.3	18.1	27.1	
108	19.5	17.2	25.8	

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 85.935 ng

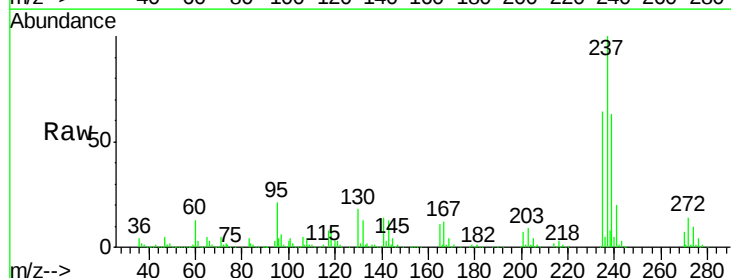
RT: 9.10 min Scan# 1150

Delta R.T. -0.02 min

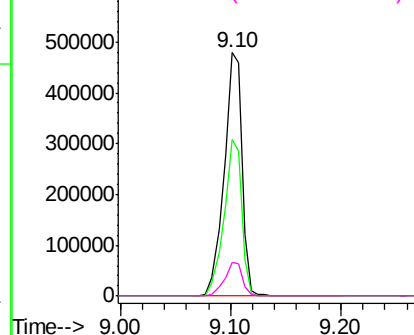
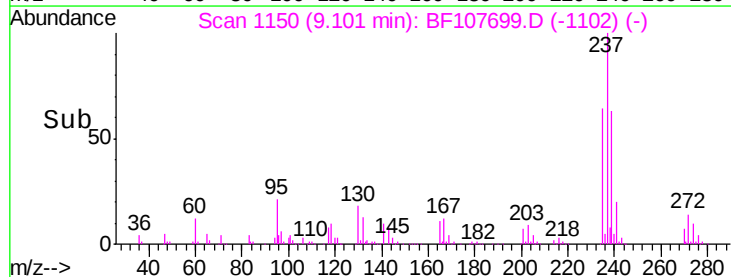
Lab File: BF107699.D

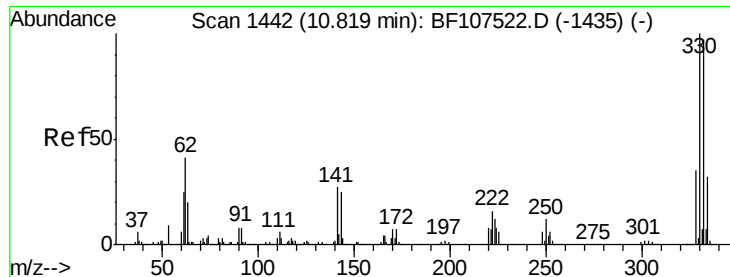
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	542198		
235	64.1	44.8	84.8	
272	13.7	0.0	33.3	



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





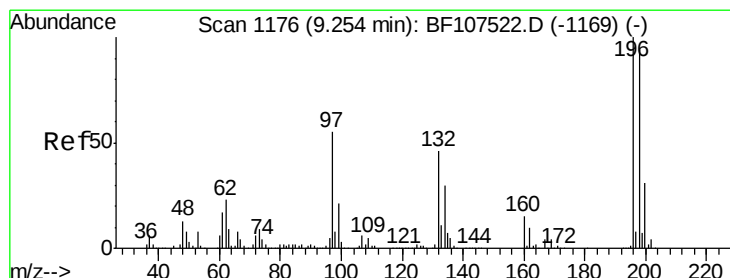
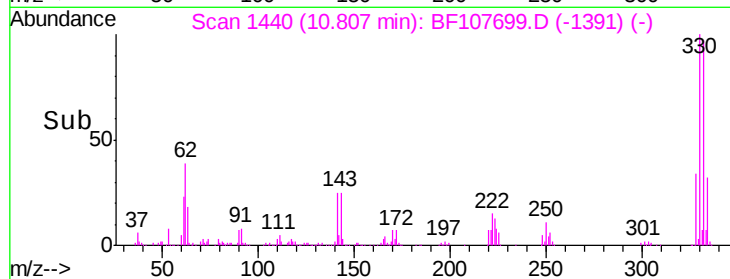
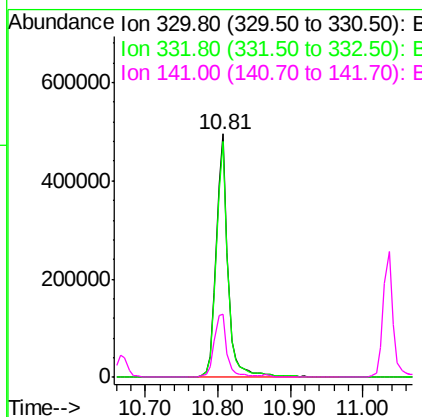
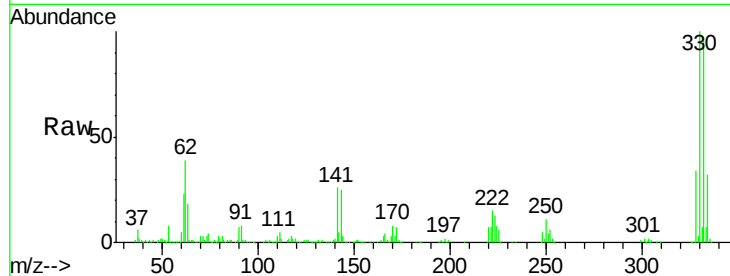
#41
 2,4,6-Tribromophenol
 Concen: 134.182 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	567803		
332	96.9	77.0	115.6	
141	27.7	29.9	44.9	

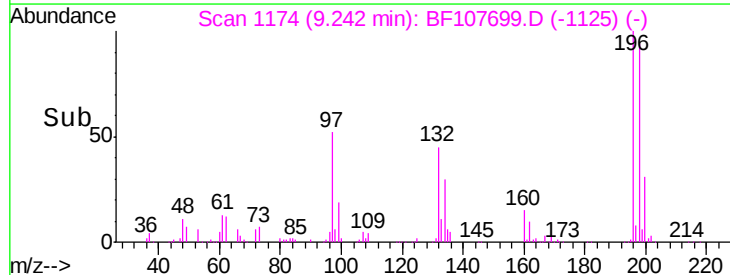
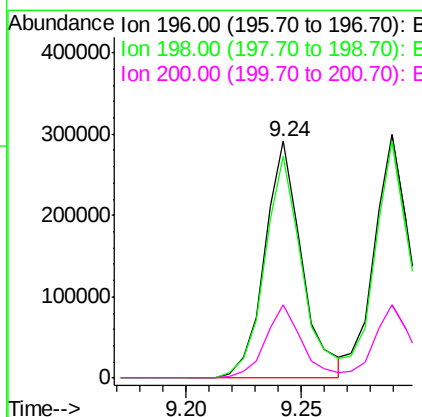
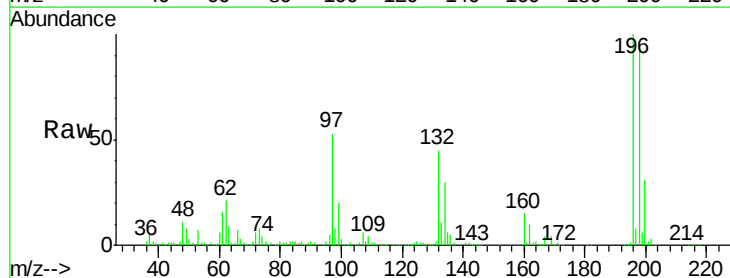
Manual Integrations
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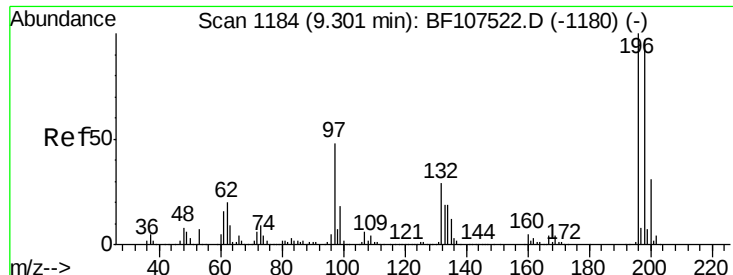
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 40.985 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	325611		
198	93.8	75.7	113.5	
200	30.7	24.5	36.7	





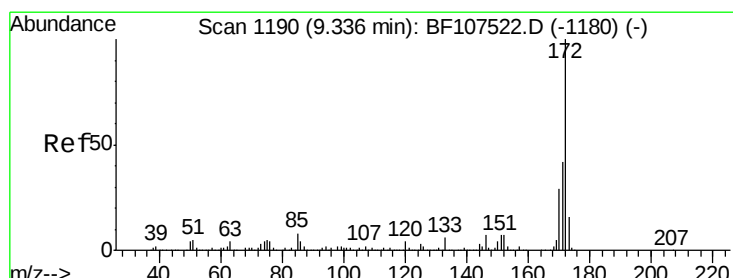
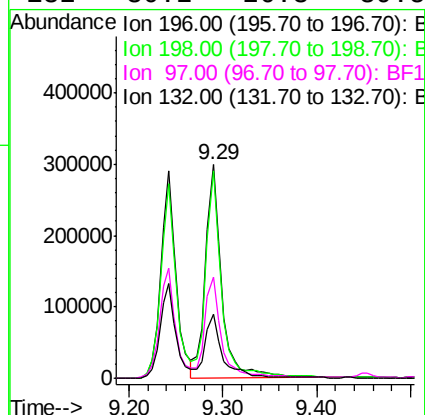
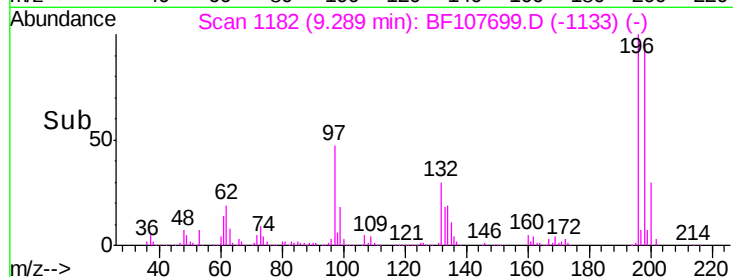
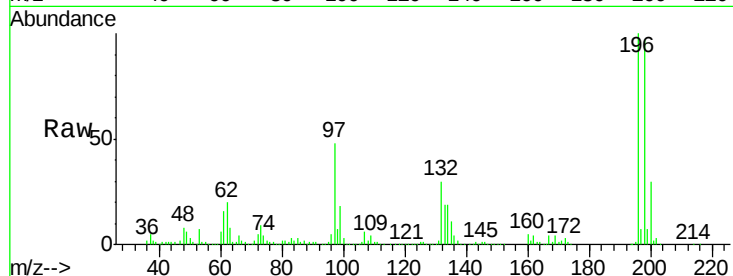
#43
2,4,5-Trichlorophenol
Concen: 43.583 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	361882		
198	97.2	74.6	112.0	
97	47.6	42.9	64.3	
132	30.2	26.3	39.5	

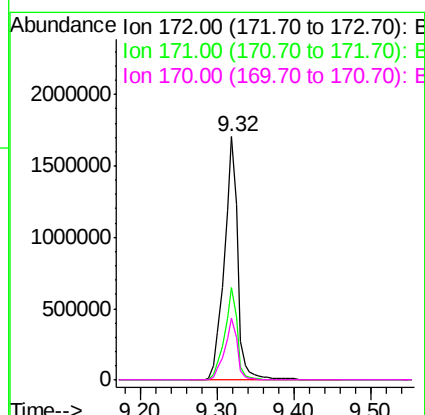
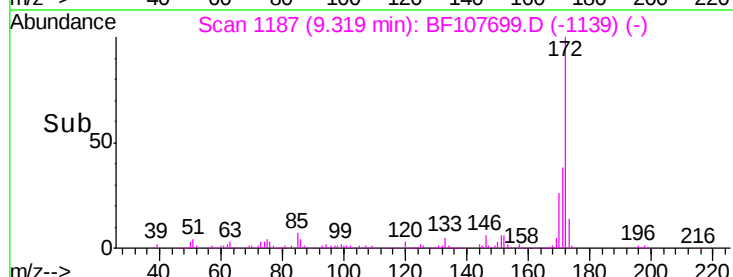
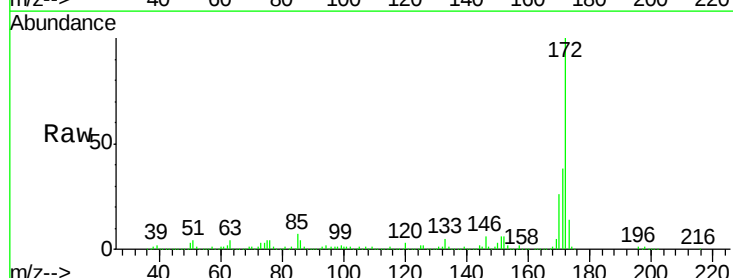
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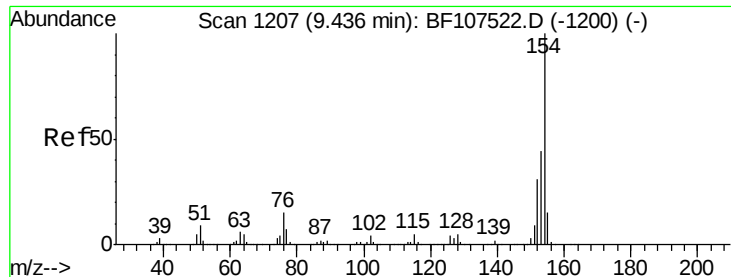
Sohil
7/27/2018 2:53:40 PM



#44
2-Fluorobiphenyl
Concen: 99.655 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2066752		
171	38.1	29.7	44.5	
170	25.6	19.6	29.4	





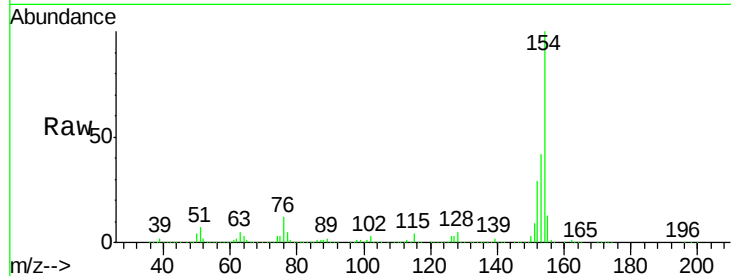
#45
 1,1'-Biphenyl
 Concen: 39.884 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

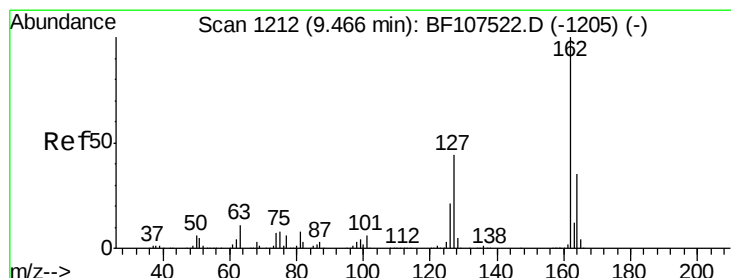
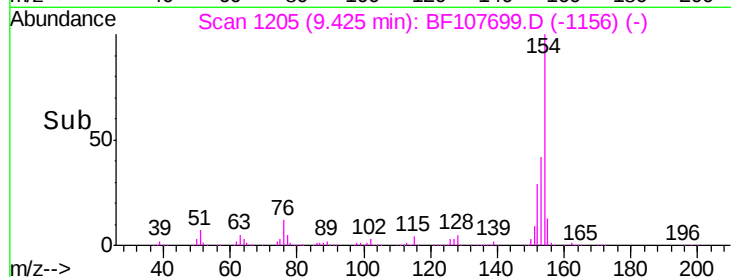
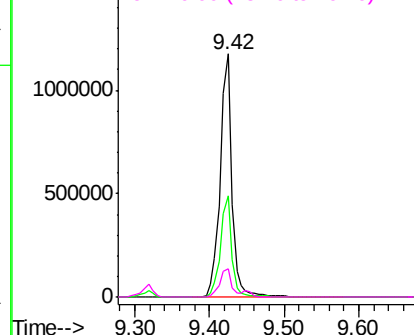
Tgt Ion:154 Resp: 1292872
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 11.7 0.0 34.0

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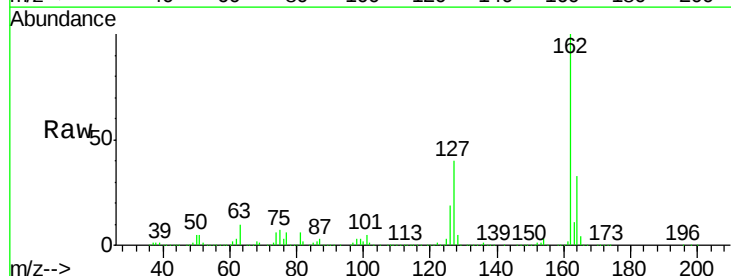


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

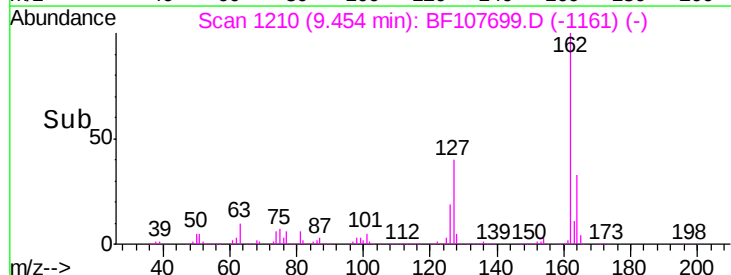
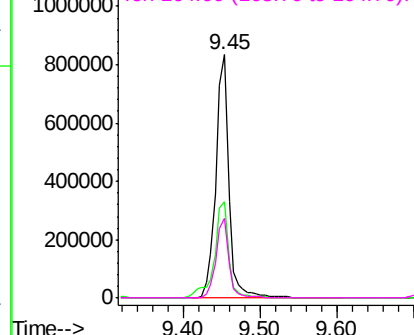


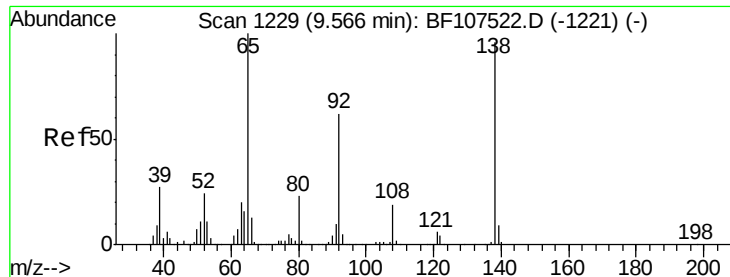
#46
 2-Chloronaphthalene
 Concen: 39.226 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion:162 Resp: 971938
 Ion Ratio Lower Upper
 162 100
 127 39.7 33.9 50.9
 164 33.0 26.5 39.7



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





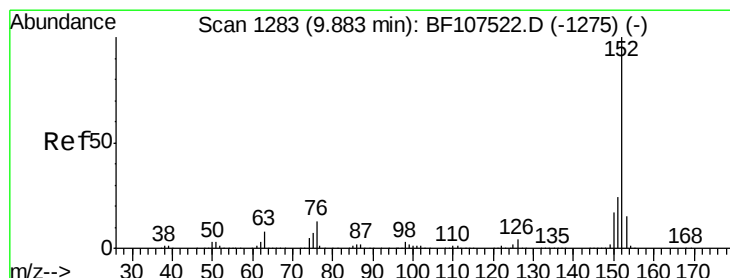
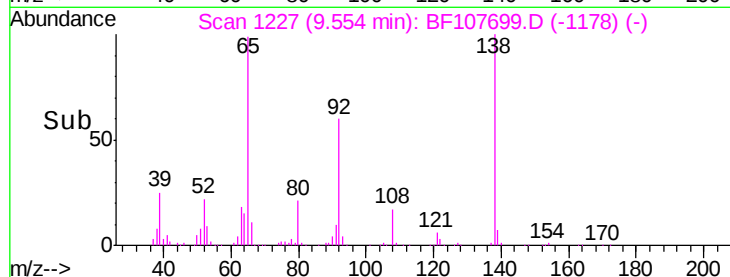
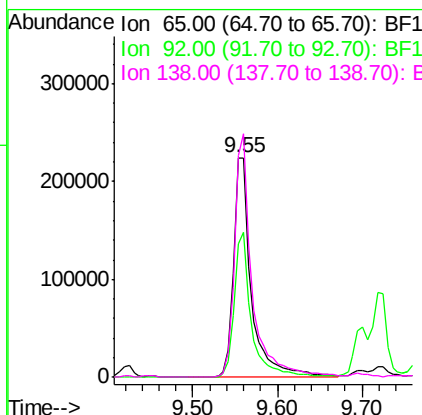
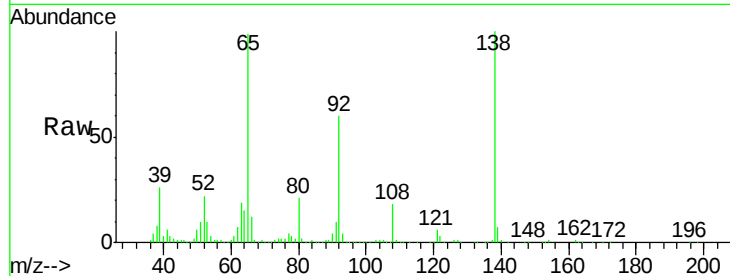
#47
2-Nitroaniline
Concen: 44.925 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	324518		
92	60.9	55.8	83.6	
138	100.9	91.2	136.8	

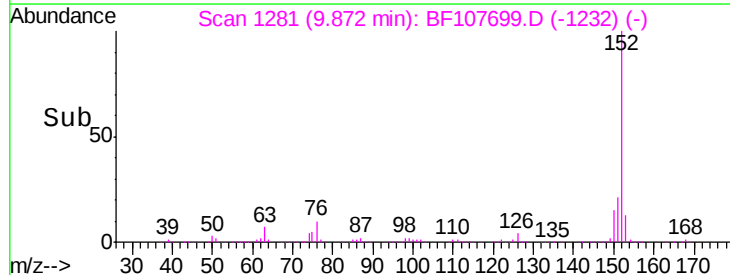
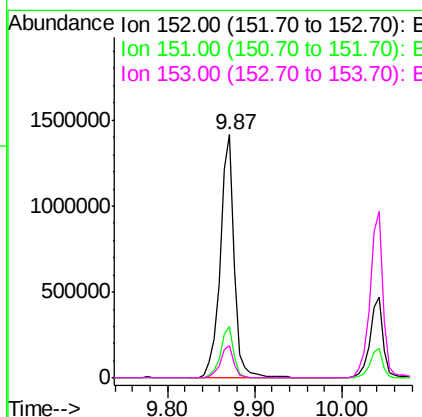
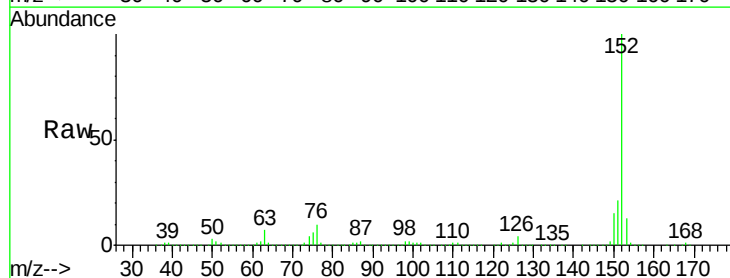
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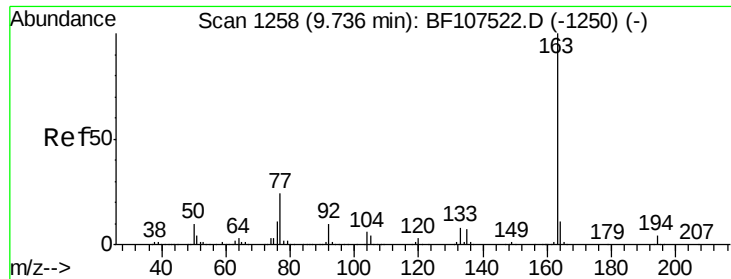
Sohil
7/27/2018 2:53:40 PM



#48
Acenaphthylene
Concen: 42.346 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1576177		
151	21.3	16.3	24.5	
153	13.5	10.7	16.1	





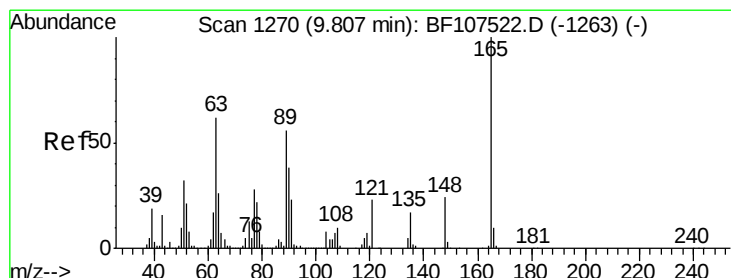
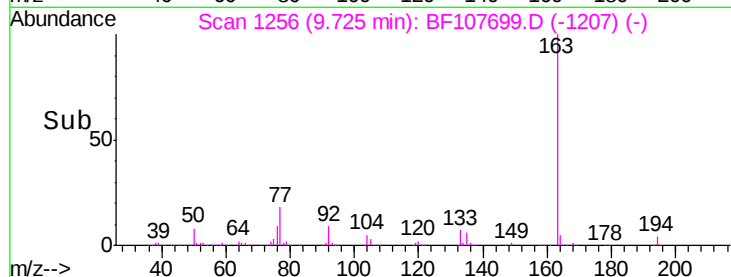
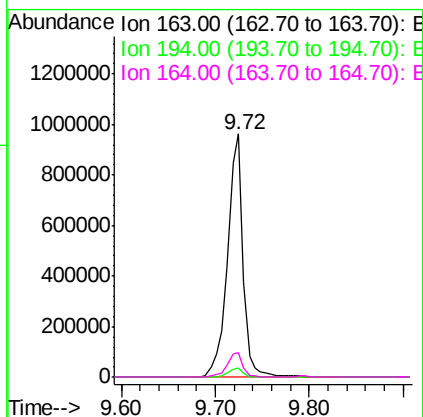
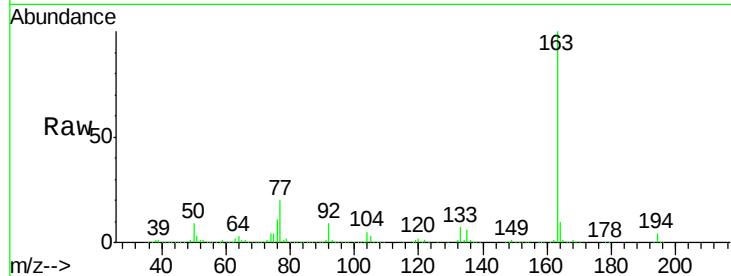
#49
Dimethylphthalate
Concen: 39.809 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion:163 Resp: 1116465
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

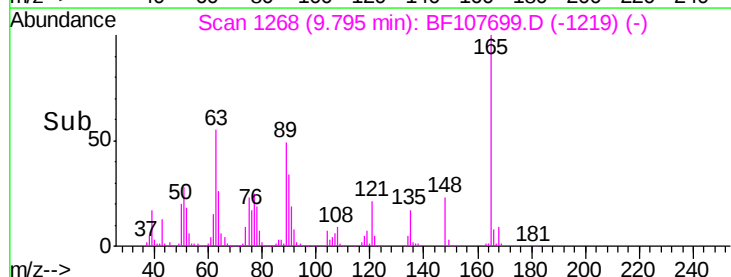
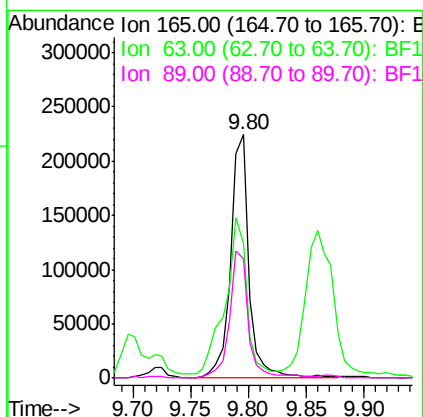
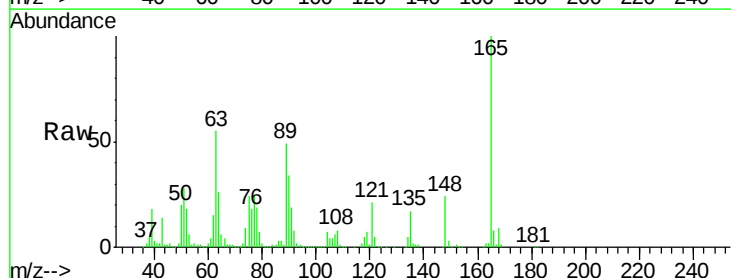
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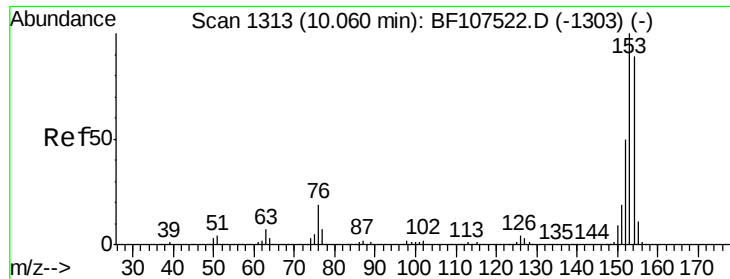
Sohil
7/27/2018 2:53:40 PM



#50
2,6-Dinitrotoluene
Concen: 44.137 ng
RT: 9.80 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion:165 Resp: 245764
Ion Ratio Lower Upper
165 100
63 55.3 44.7 67.1
89 49.1 44.0 66.0





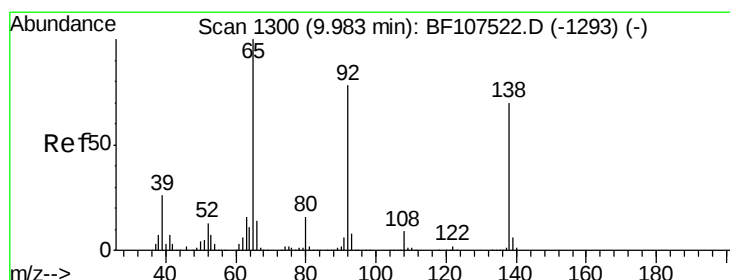
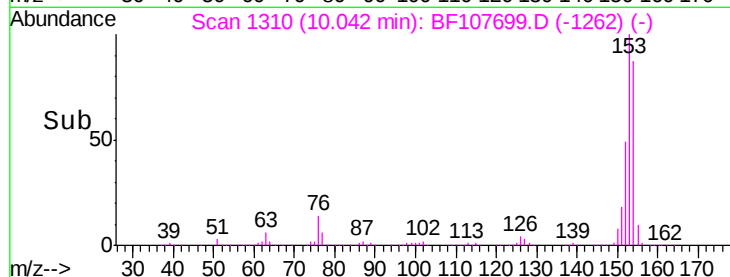
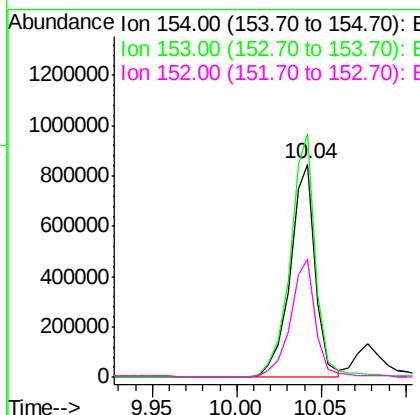
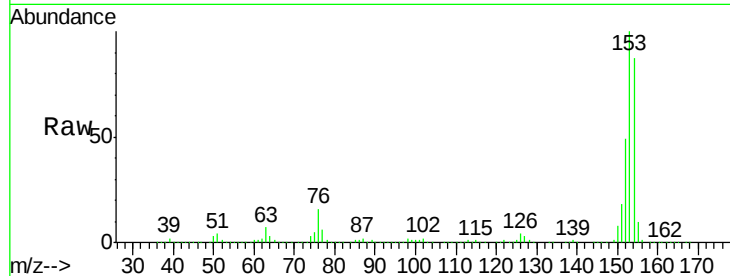
#51
Acenaphthene
Concen: 37.744 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	880233		
153	114.3	91.2	136.8	
152	55.7	43.8	65.8	

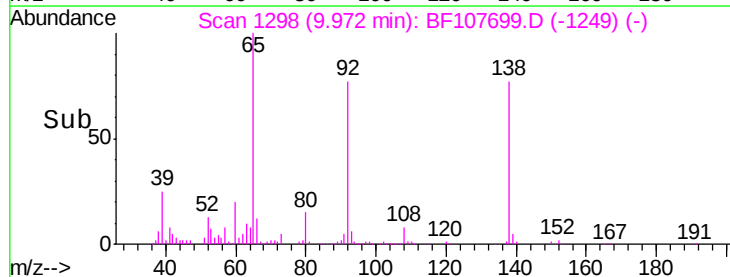
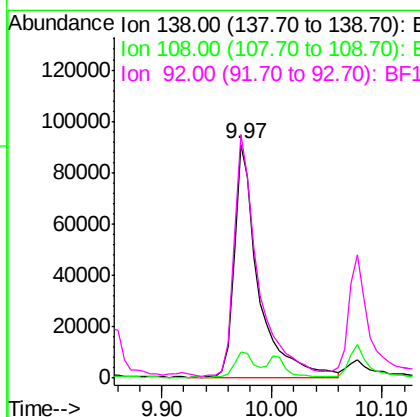
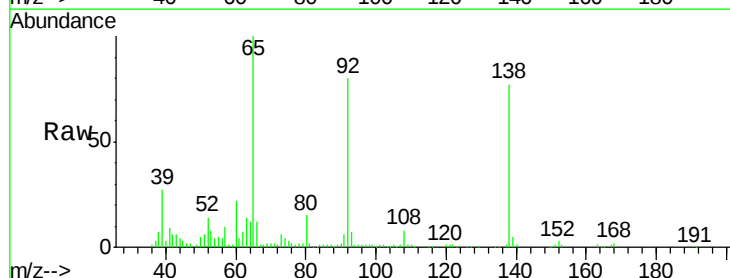
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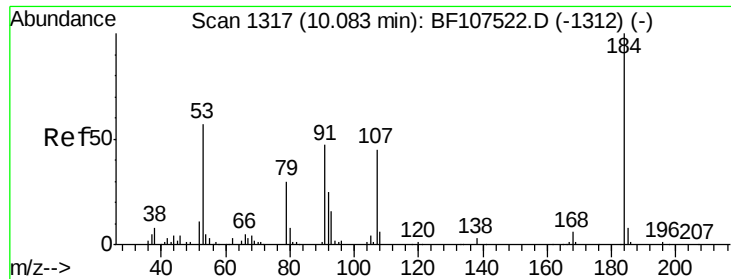
Sohil
7/27/2018 2:53:40 PM



#52
3-Nitroaniline
Concen: 20.422 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	138335		
108	11.0	9.4	14.0	
92	104.2	89.4	134.2	





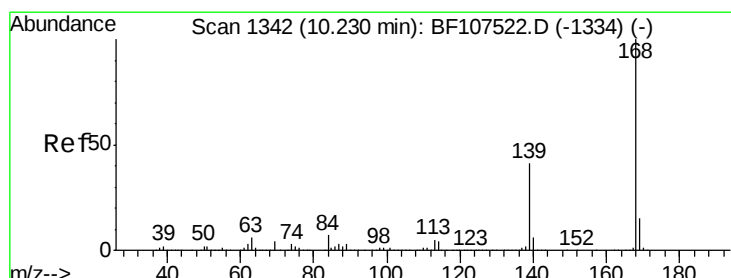
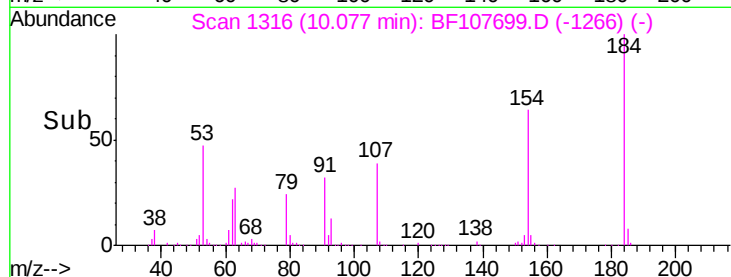
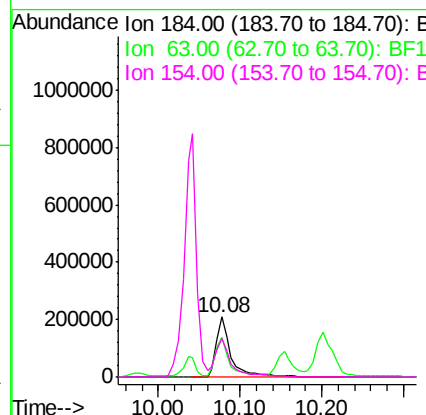
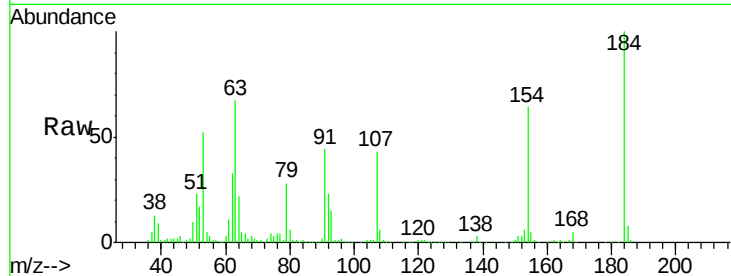
#53
2,4-Dinitrophenol
Concen: 94.799 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.5	54.2	81.2
154	64.2	184.0	276.0#

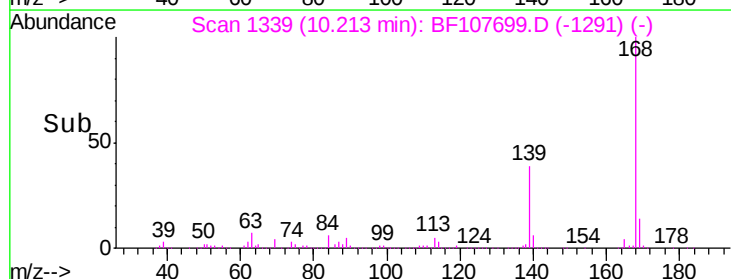
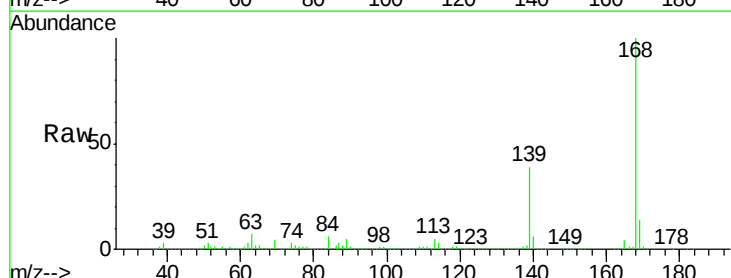
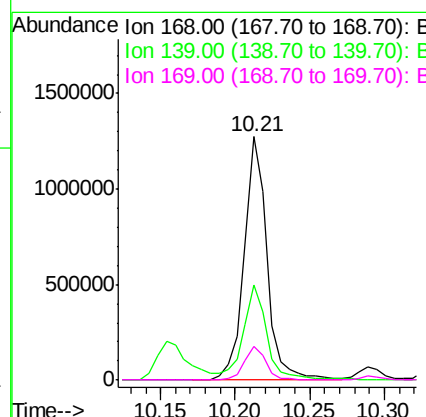
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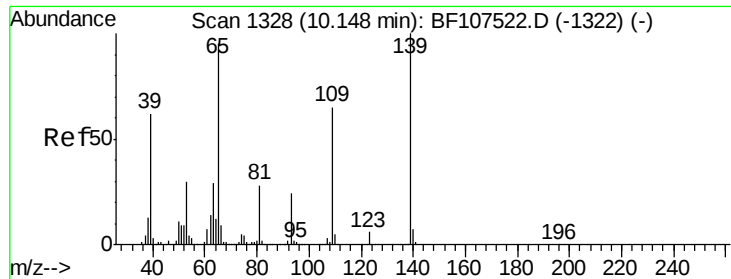
Sohil
7/27/2018 2:53:40 PM



#54
Dibenzofuran
Concen: 39.611 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	13.9	10.9	16.3





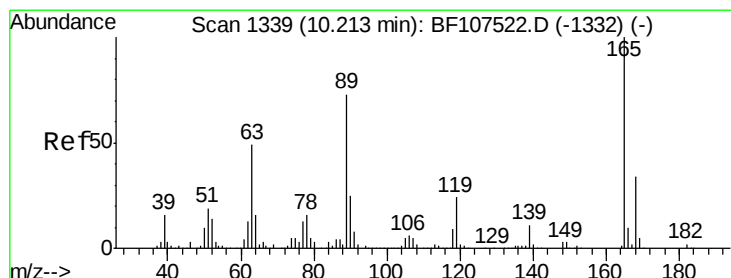
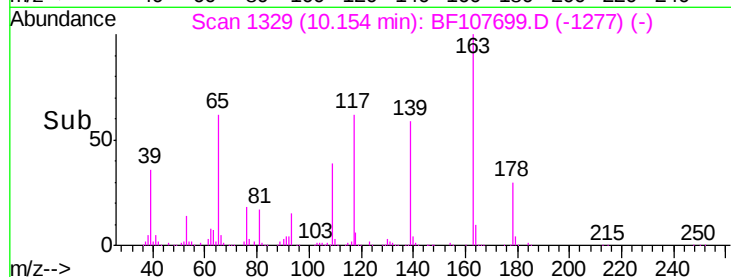
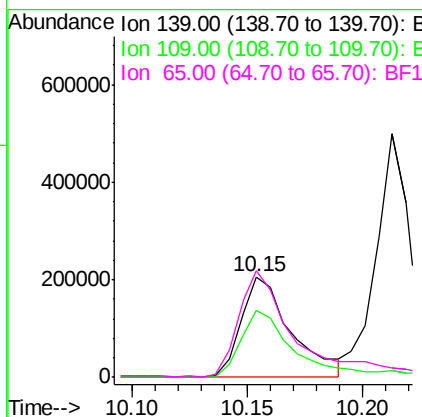
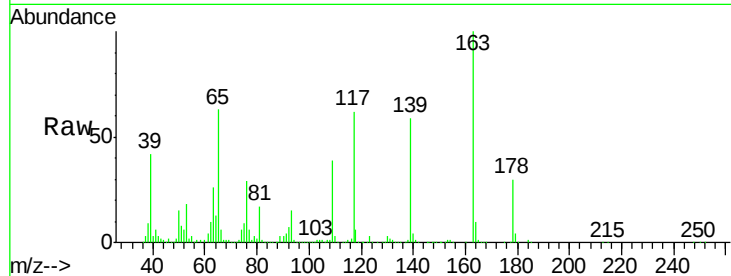
#55
4-Nitrophenol
Concen: 61.206 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampled :
PB111479BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.0	48.4	88.4
65	106.3	72.6	112.6

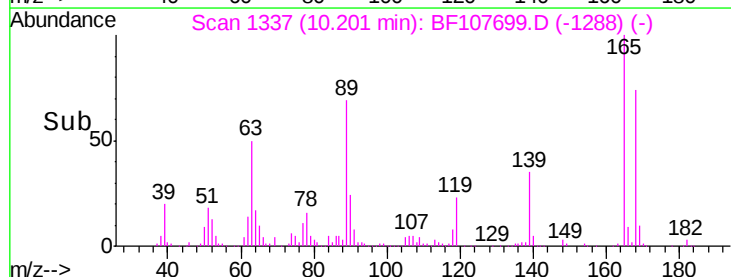
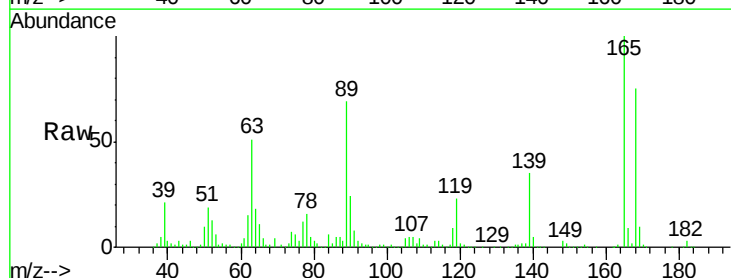
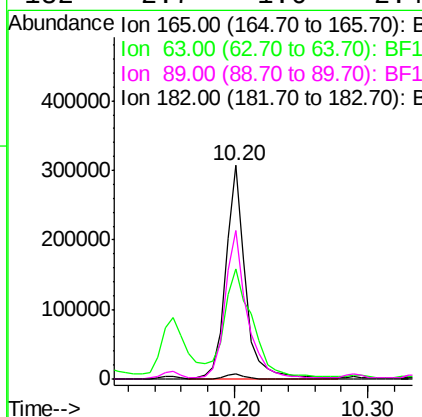
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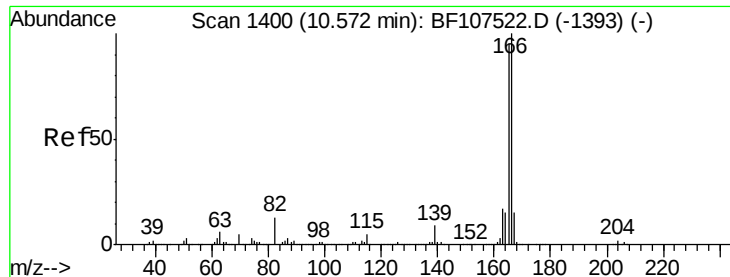
Sohil
7/27/2018 2:53:40 PM



#56
2,4-Dinitrotoluene
Concen: 46.521 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.3	36.4	54.6
89	69.5	57.8	86.6
182	2.7	1.6	2.4#





#57

Fluorene

Concen: 44.244 ng

RT: 10.56 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Instrument :

BNA_F

ClientSampled :

PB111479BS

Tgt Ion:166 Resp: 1083722

Ion Ratio Lower Upper

166 100

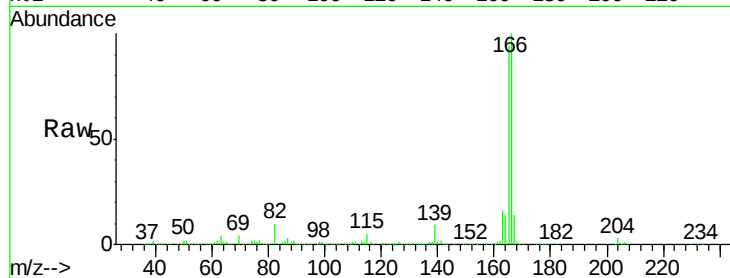
165 94.1 79.8 119.8

167 13.6 10.6 16.0

Manual Integrations
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Sohil

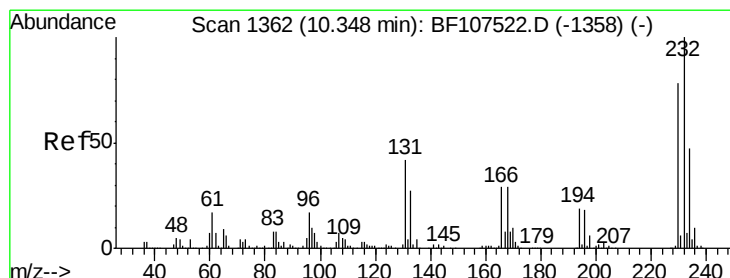
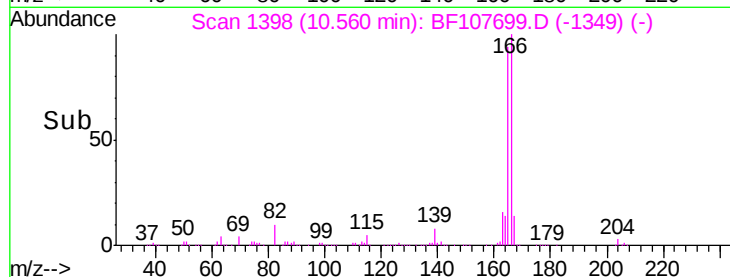
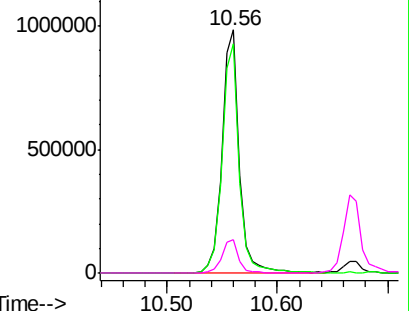
7/27/2018 2:53:40 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.135 ng

RT: 10.34 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Tgt Ion:232 Resp: 325723

Ion Ratio Lower Upper

232 100

131 41.0 43.8 65.8#

130 1.8 2.1 3.1#

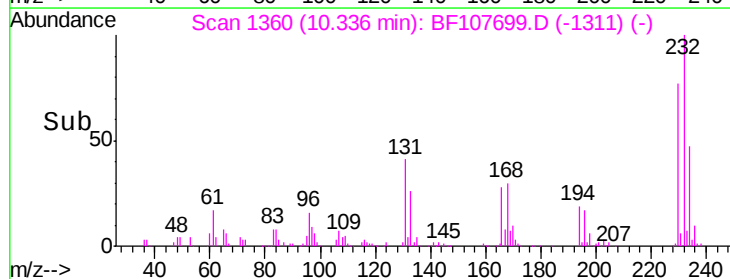
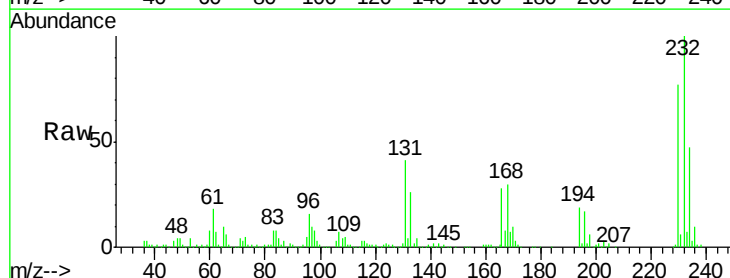
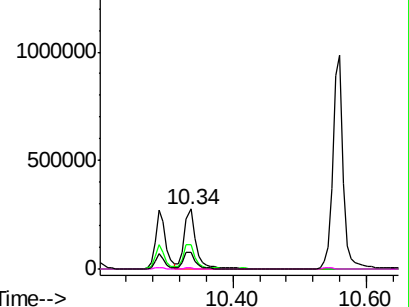
166 27.9 27.8 41.6

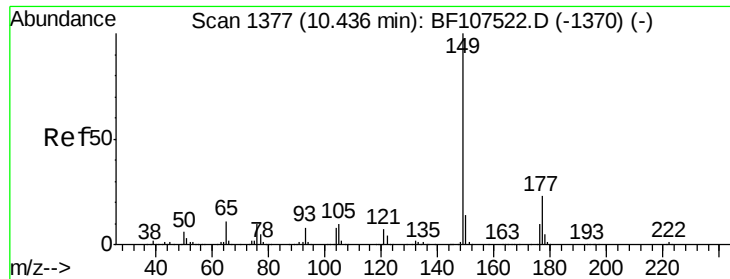
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





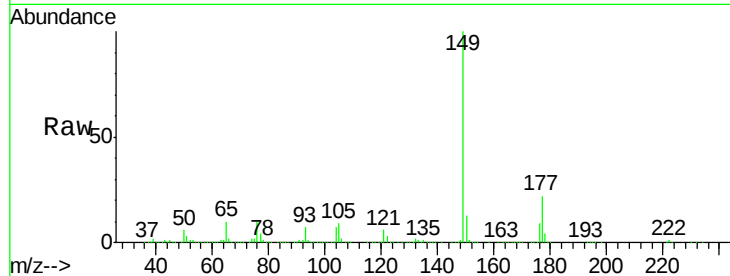
#59
Diethylphthalate
Concen: 39.686 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

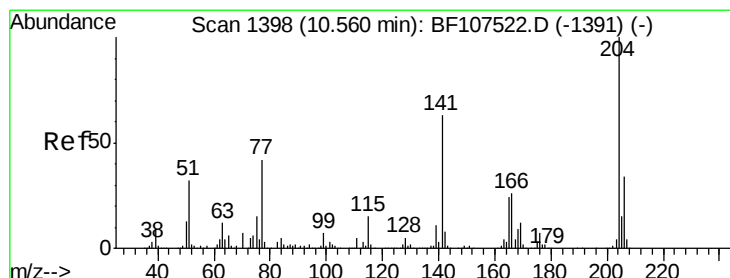
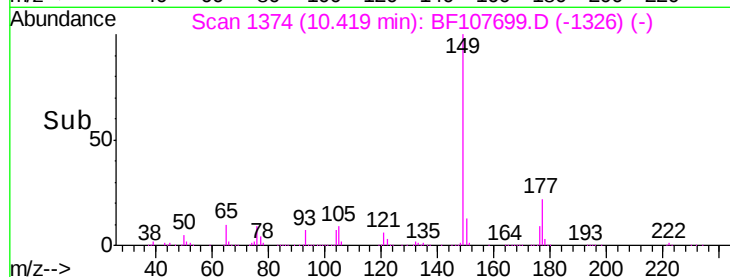
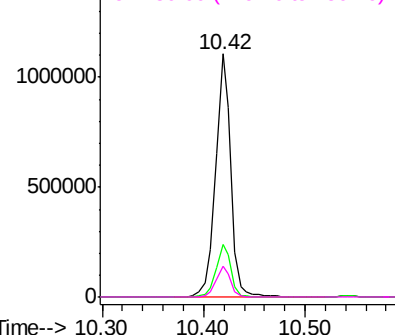
Tgt Ion:149 Resp: 1162396
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.9 10.1 15.1

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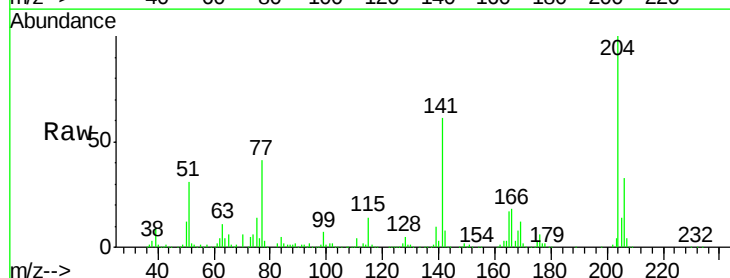


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

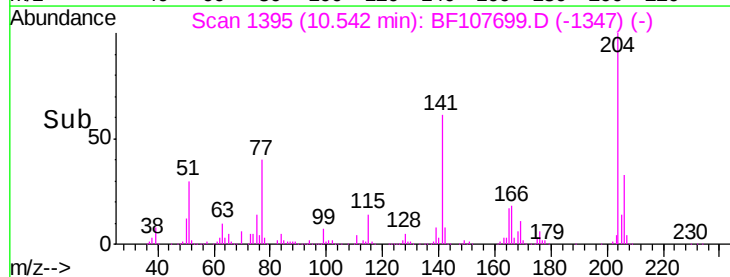
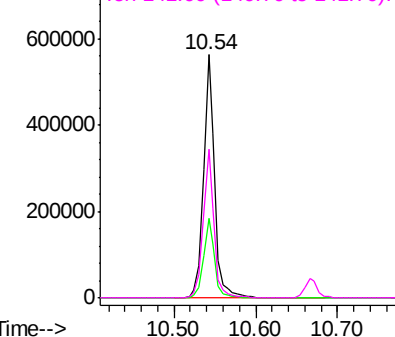


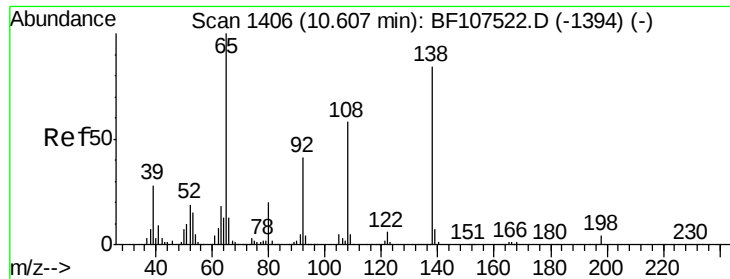
#60
4-Chlorophenyl-phenylether
Concen: 38.982 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion:204 Resp: 539794
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 61.4 54.6 81.8



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





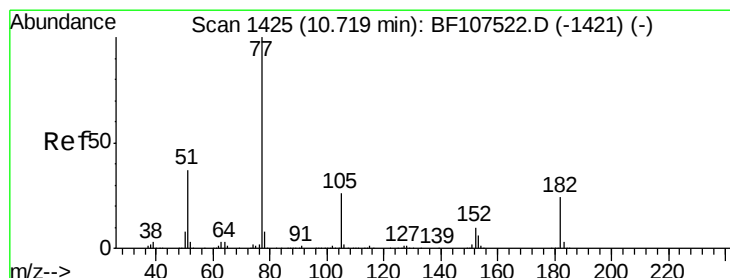
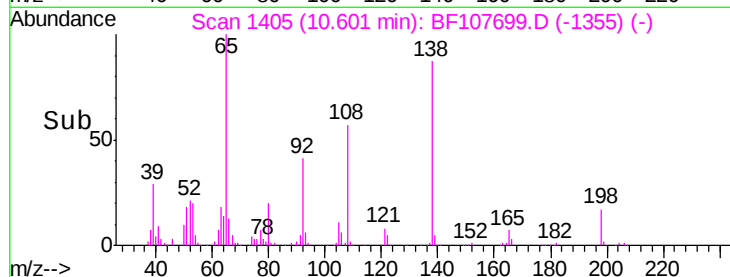
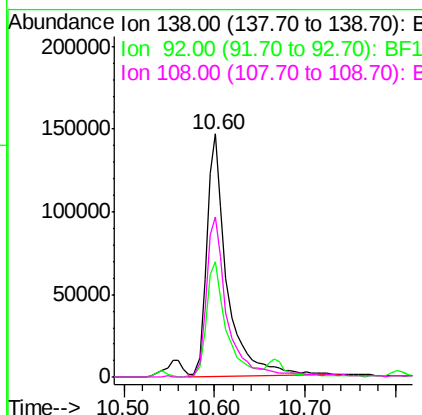
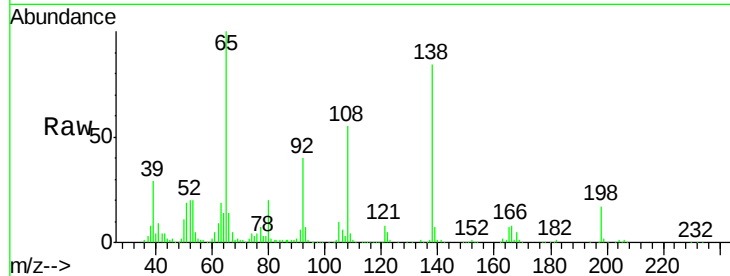
#61
4-Nitroaniline
Concen: 40.281 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	30.2	70.2
108	65.9	52.5	92.5

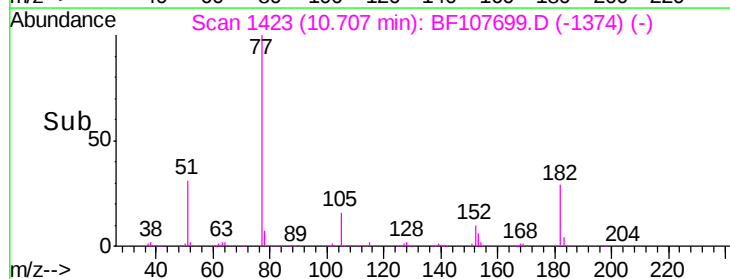
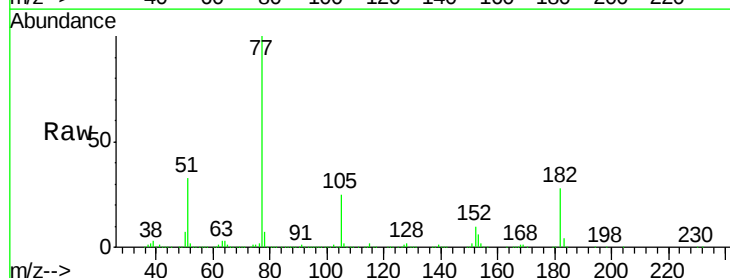
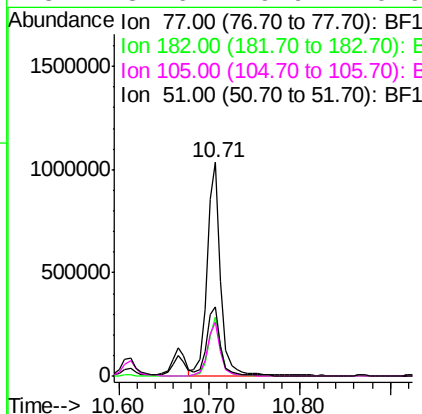
Manual Integrations
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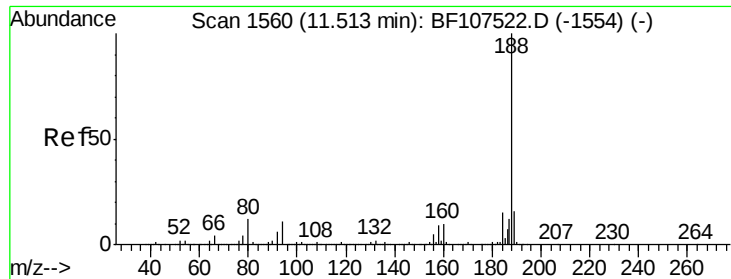
Sohil
7/27/2018 2:53:40 PM



#62
Azobenzene
Concen: 39.279 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.7	1.7	41.7
105	25.2	3.0	43.0
51	32.6	9.9	49.9





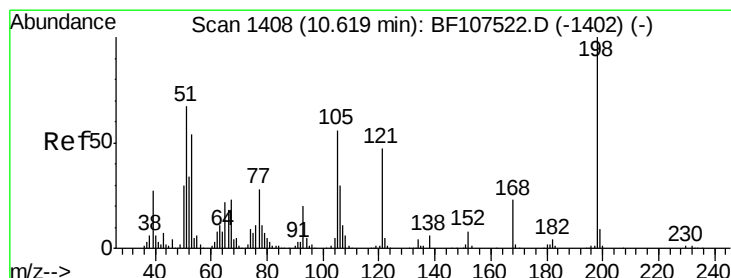
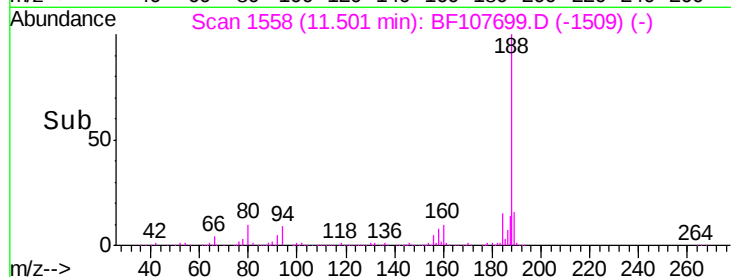
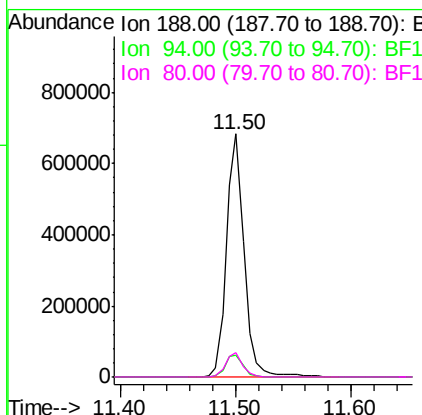
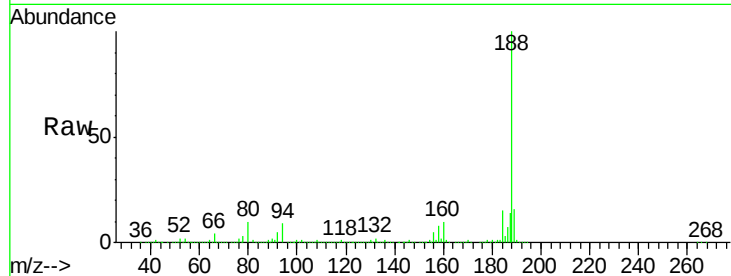
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.3	8.5	12.7
80	10.3	9.2	13.8

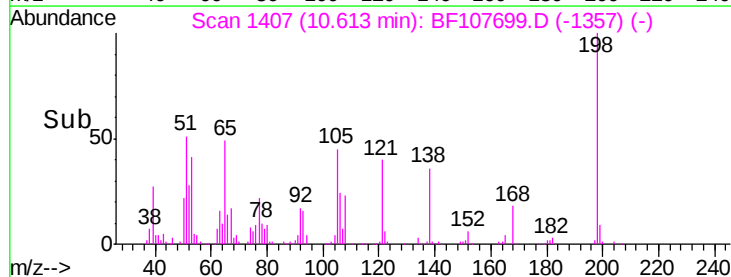
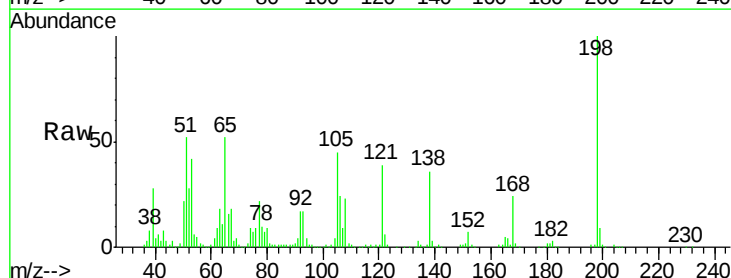
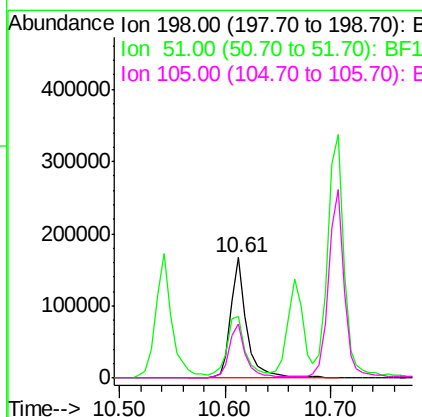
Manual Integrations
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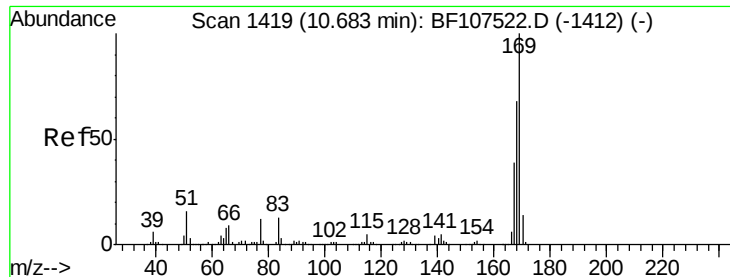
Sohil
7/27/2018 2:53:40 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 49.284 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	51.5	37.7	77.7
105	45.1	36.3	76.3





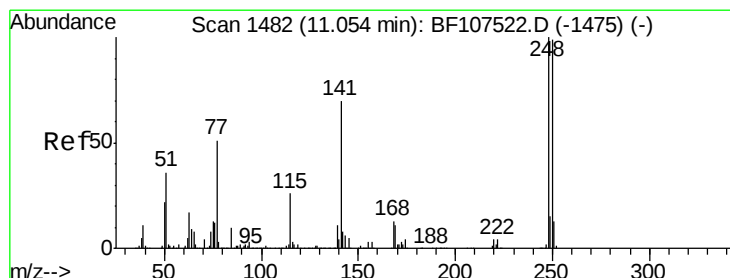
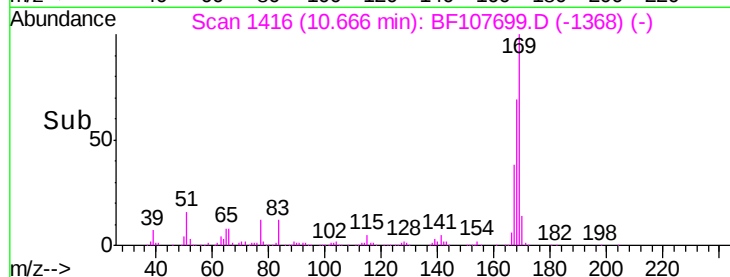
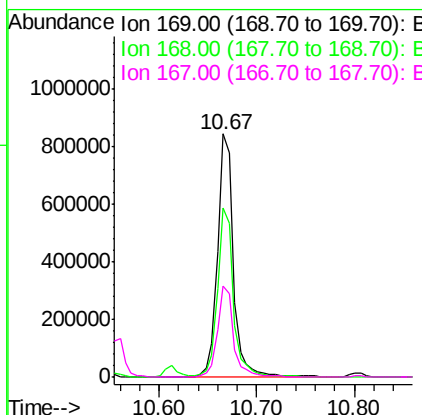
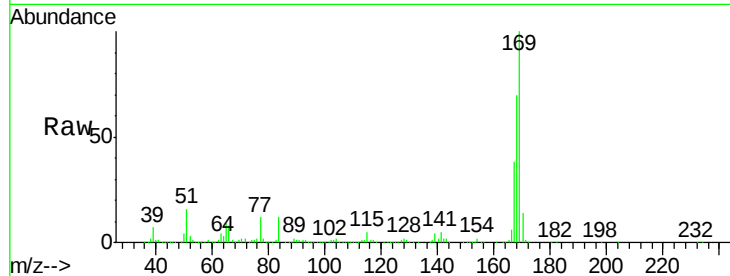
#65
n-Nitrosodiphenylamine
Concen: 38.876 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	960254		
168	69.5	54.4	81.6	
167	37.6	29.8	44.6	

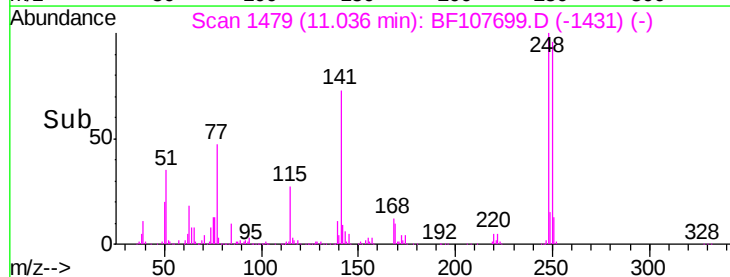
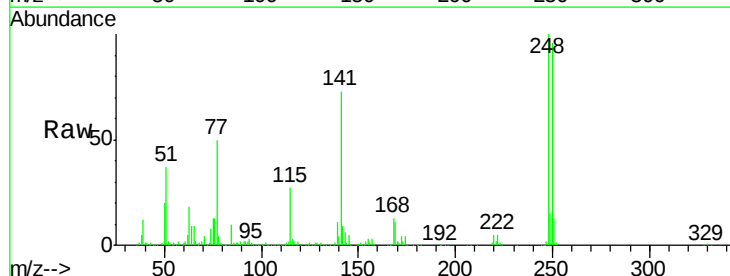
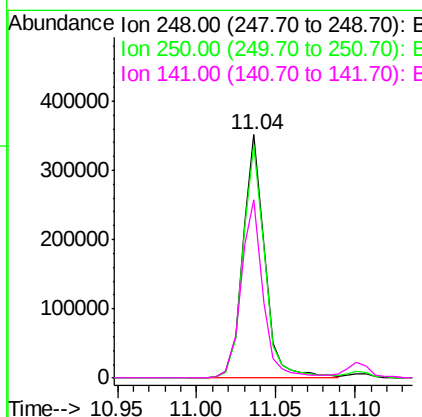
Manual Integrations
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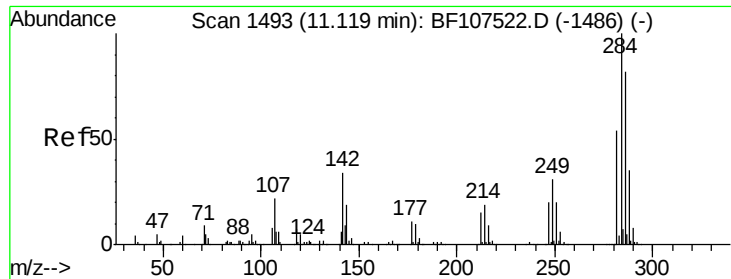
Sohil
7/27/2018 2:53:40 PM



#66
4-Bromophenyl-phenylether
Concen: 39.029 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	334140		
250	95.6	76.9	115.3	
141	73.1	74.4	111.6	





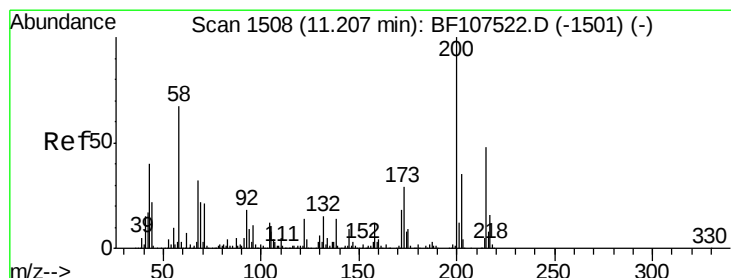
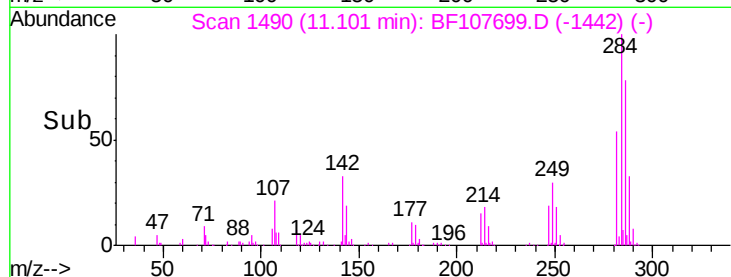
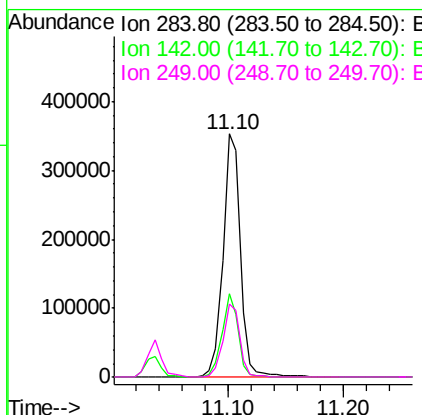
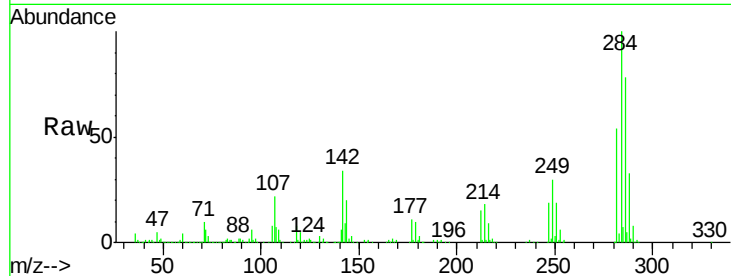
#67
Hexachlorobenzene
Concen: 39.340 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	370583		
142	34.4	34.6	52.0#	
249	30.1	24.8	37.2	

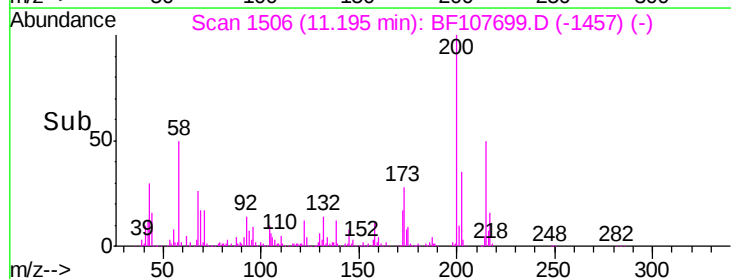
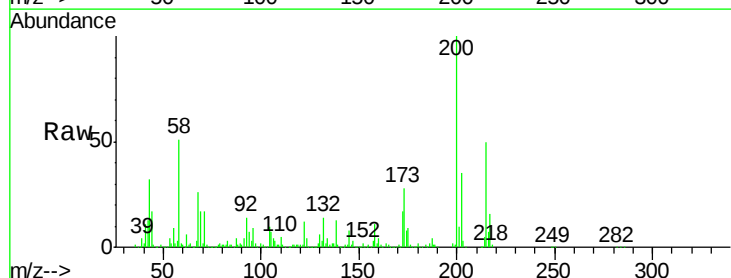
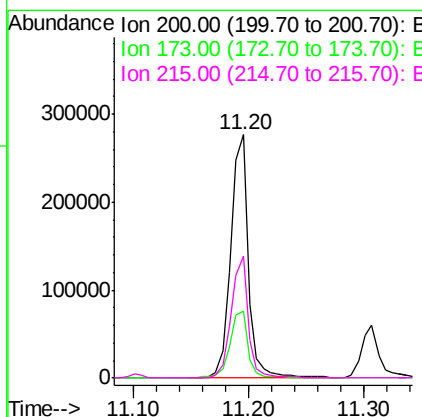
Manual Integrations
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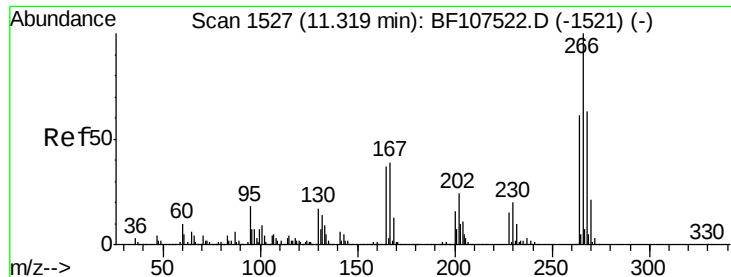
Sohil
7/27/2018 2:53:40 PM



#68
Atrazine
Concen: 38.768 ng
RT: 11.20 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	292370		
173	27.5	8.6	48.6	
215	49.9	25.1	65.1	





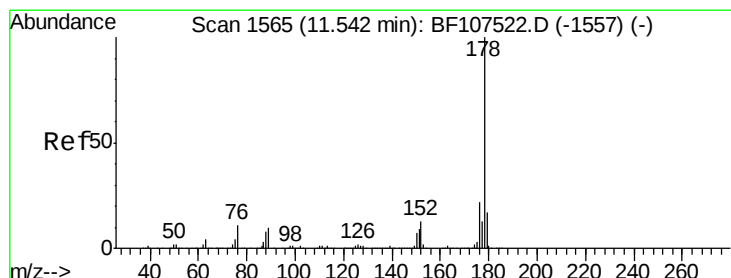
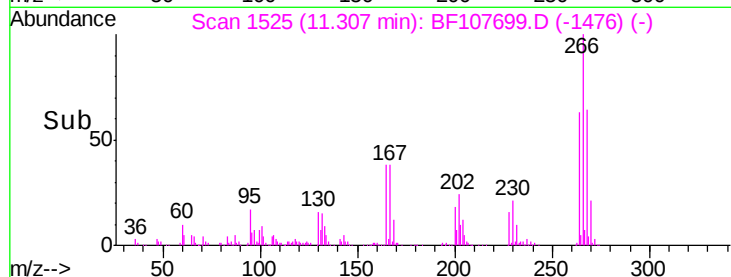
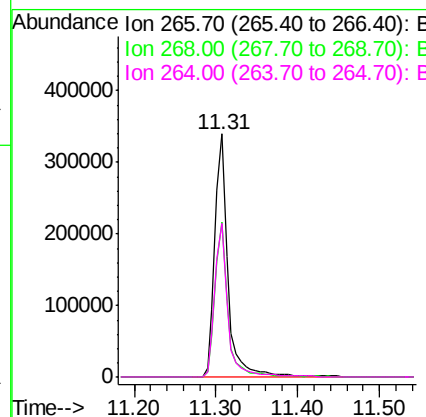
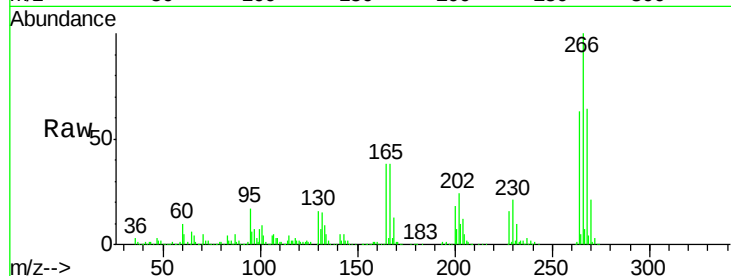
#69
 Pentachlorophenol
 Concen: 65.504 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	385423		
268	63.9	51.1	76.7	
264	63.4	49.5	74.3	

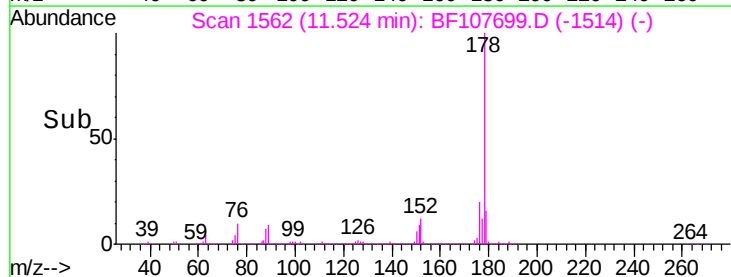
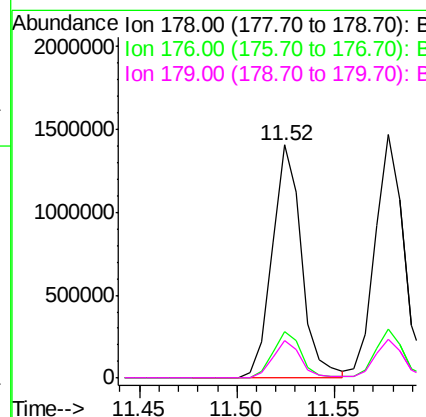
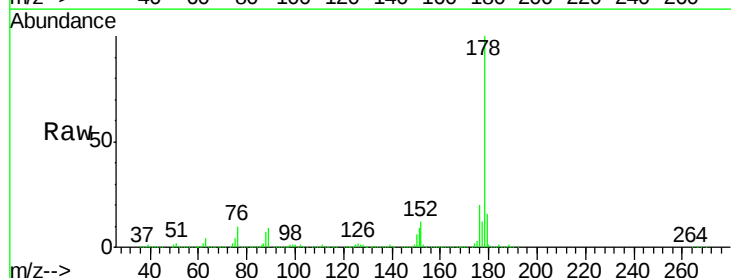
Manual Integrations
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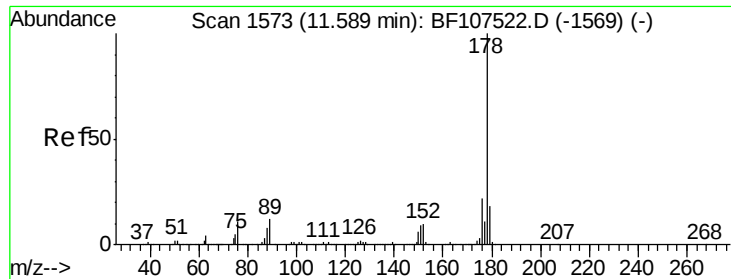
Sohil
 7/27/2018 2:53:40 PM



#70
 Phenanthrene
 Concen: 41.283 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1463114		
176	20.0	15.8	23.8	
179	16.1	13.0	19.6	





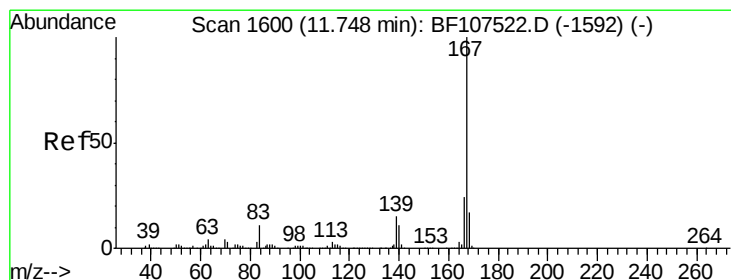
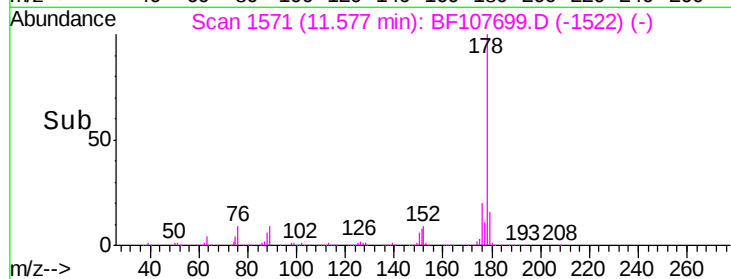
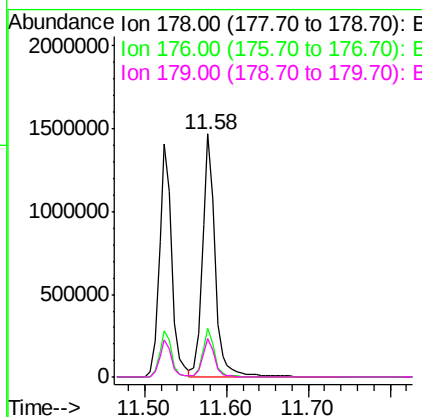
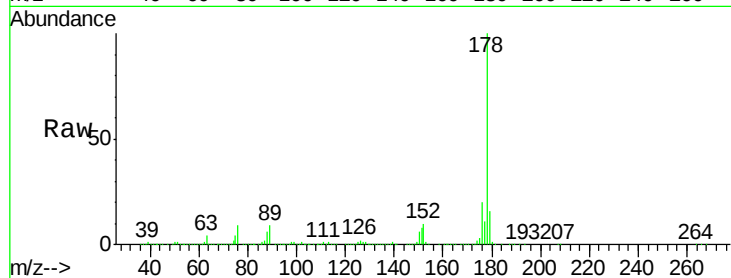
#71
 Anthracene
 Concen: 44.788 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

Tgt Ion:178 Resp: 1598213
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 16.1 12.6 19.0

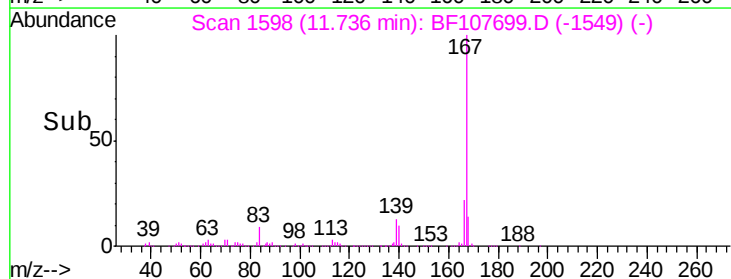
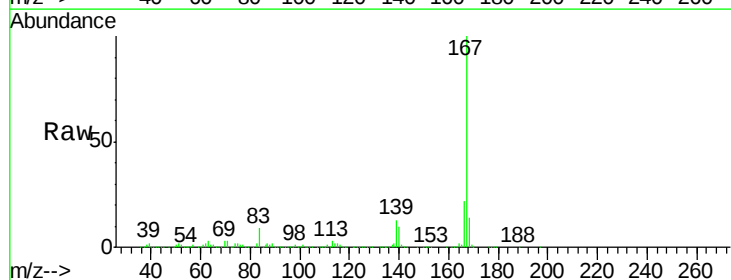
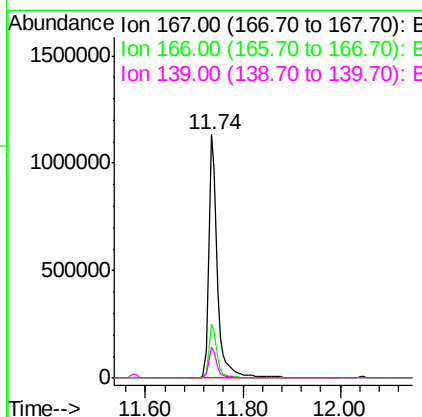
Manual Integrations
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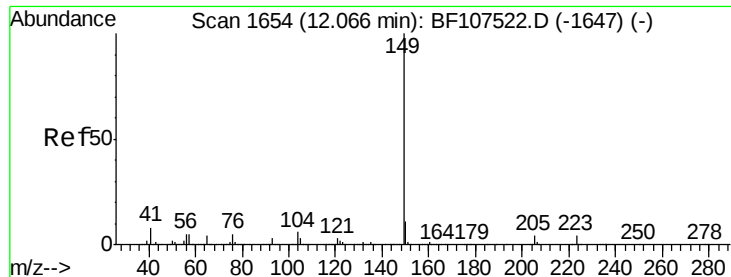
Sohil
 7/27/2018 2:53:40 PM



#72
 Carbazole
 Concen: 37.612 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion:167 Resp: 1395667
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.732 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.02 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Instrument :

BNA_F

ClientSampleId :

PB111479BS

Tgt Ion:149 Resp: 1710771

Ion Ratio Lower Upper

149 100

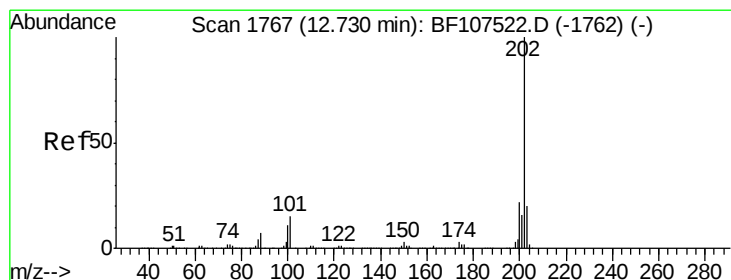
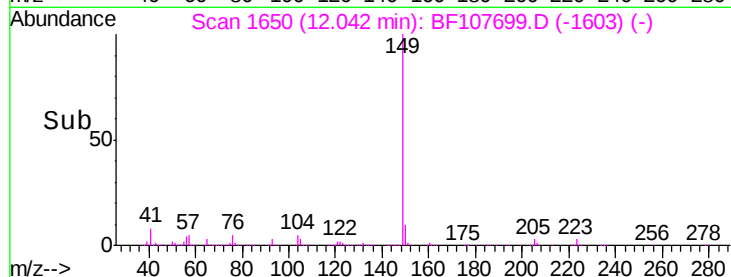
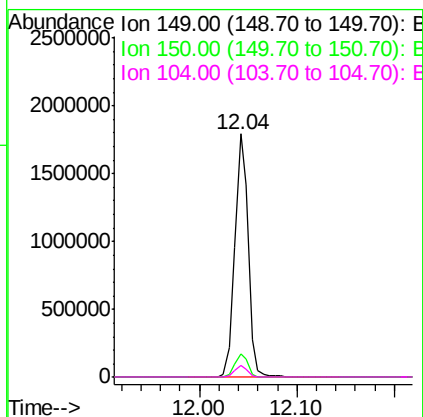
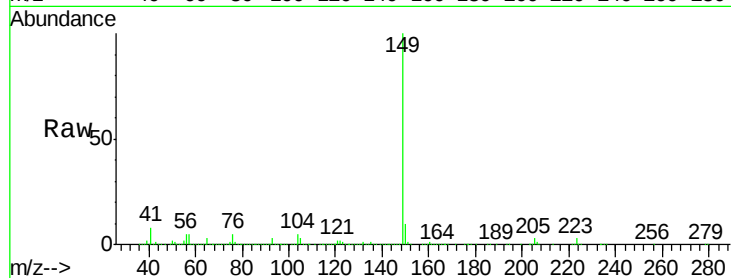
150 9.8 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
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Sohil

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#74

Fluoranthene

Concen: 40.192 ng

RT: 12.72 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

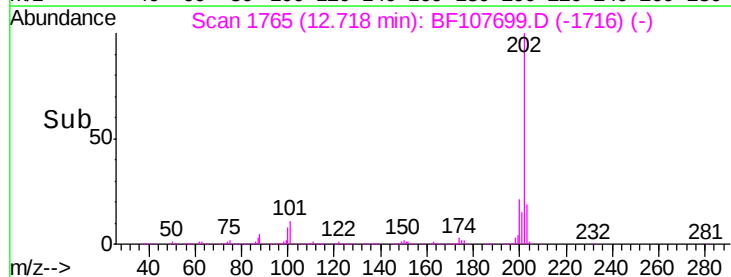
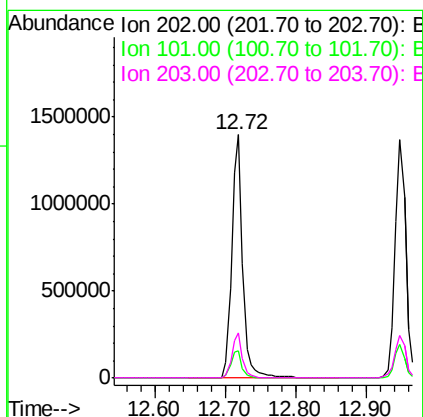
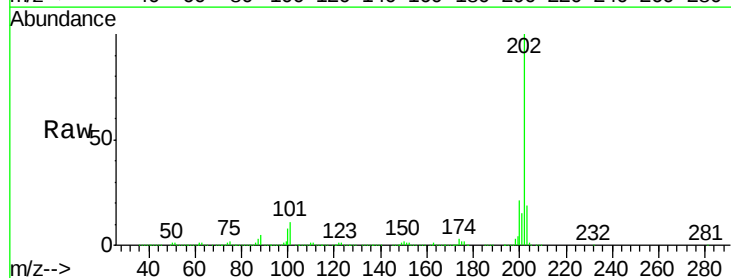
Tgt Ion:202 Resp: 1528529

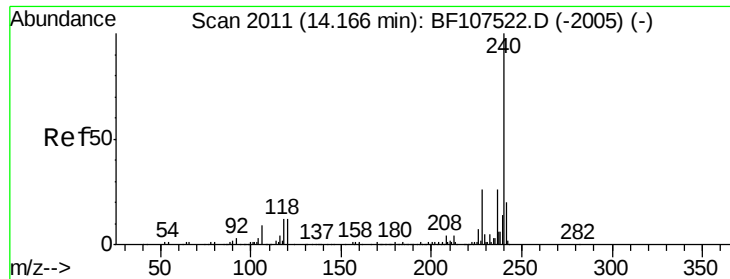
Ion Ratio Lower Upper

202 100

101 11.1 0.0 34.1

203 18.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Instrument :

BNA_F

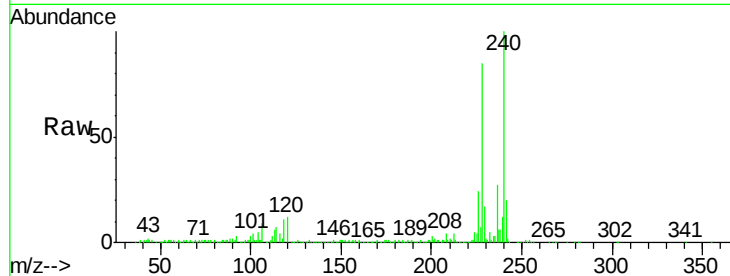
ClientSampleId :

PB111479BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.8	20.7	31.1

Manual Integrations
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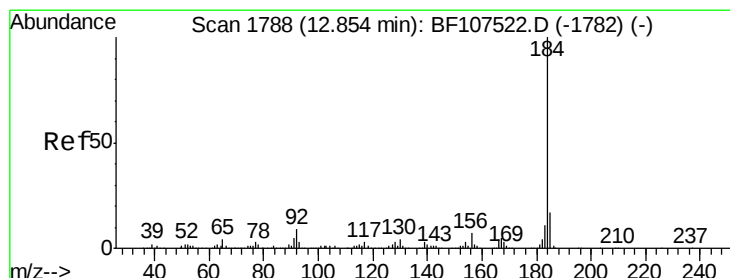
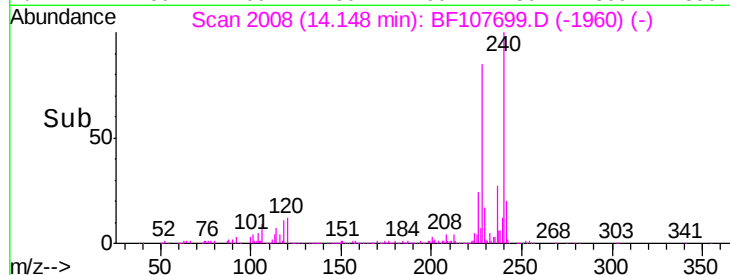
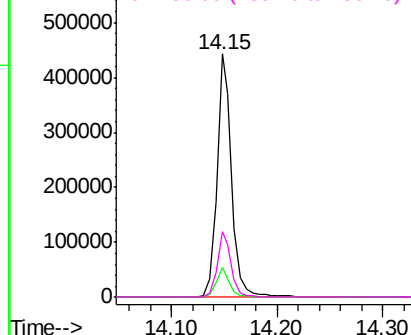
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.673 ng

RT: 12.85 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF107699.D

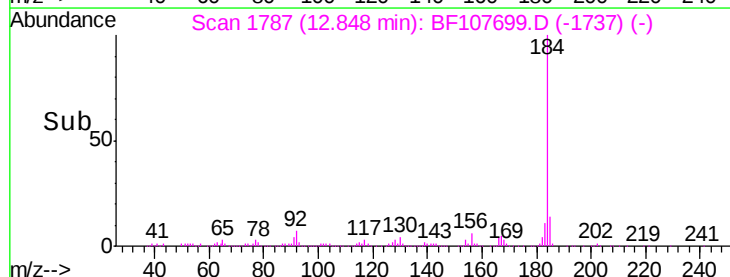
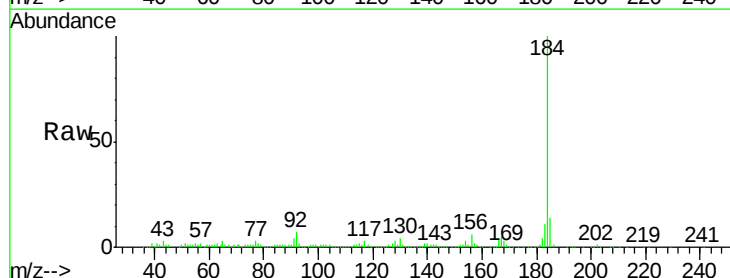
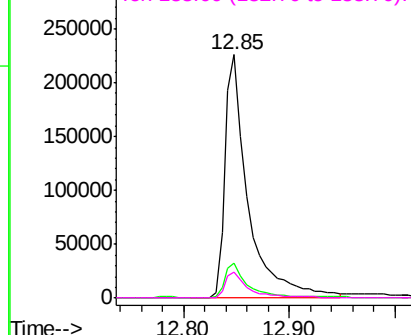
Acq: 26 Jul 2018 15:03

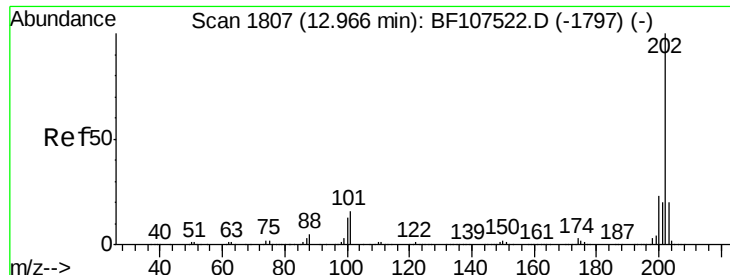
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	18.8
183	10.7	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





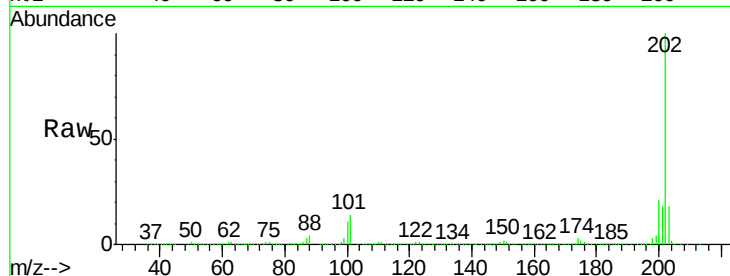
#77
 Pyrene
 Concen: 49.803 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. -0.02 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

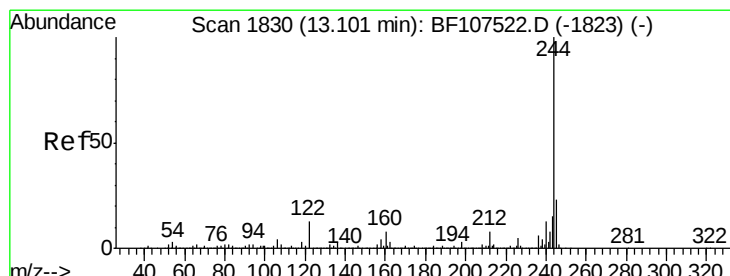
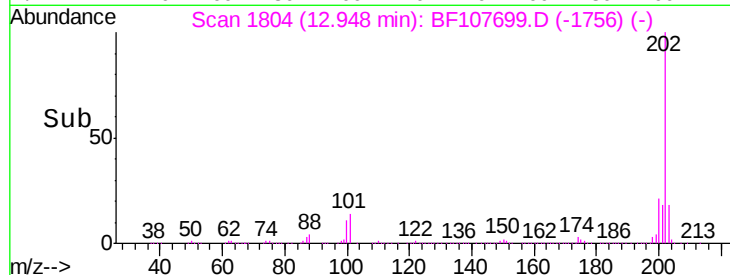
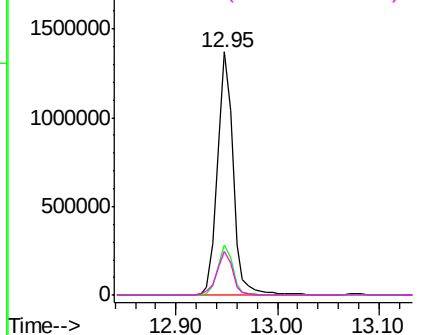
Tgt Ion: 202 Resp: 1487229
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.4 26.2
 203 18.1 14.3 21.5

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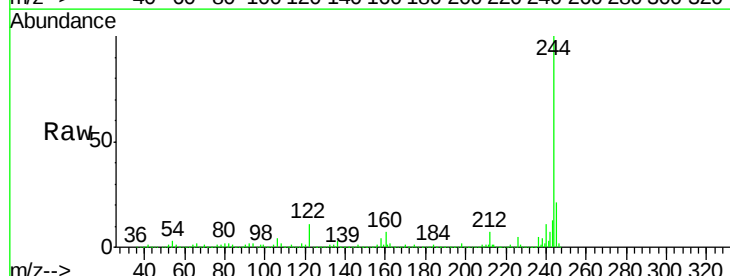


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

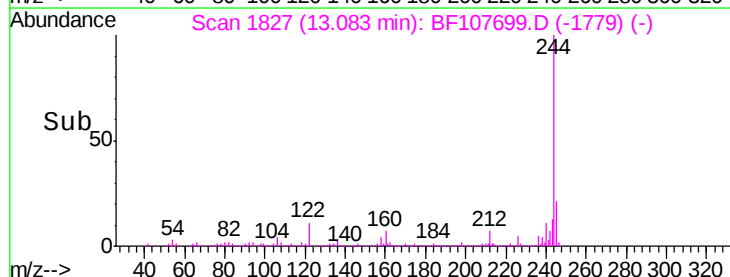
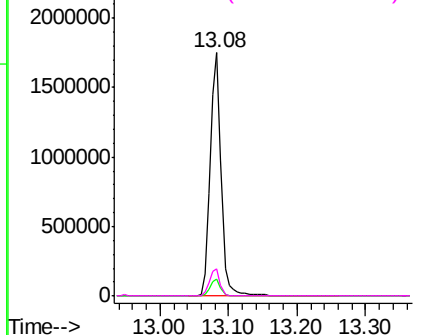


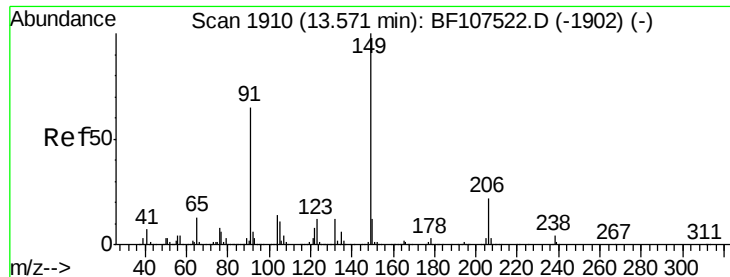
#78
 Terphenyl-d14
 Concen: 115.478 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion: 244 Resp: 1969288
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





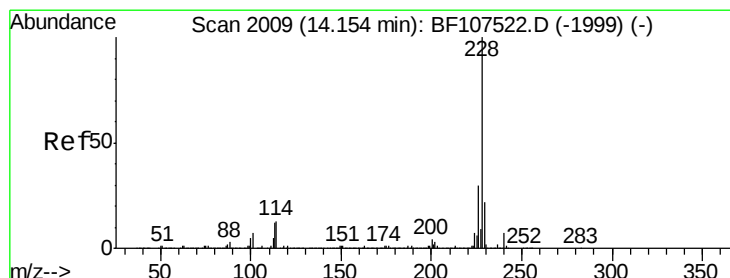
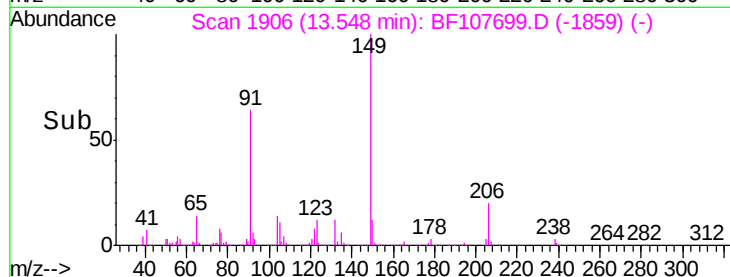
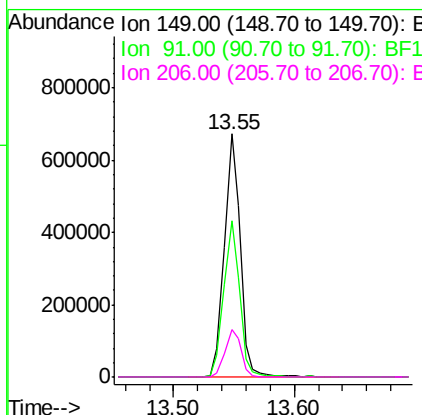
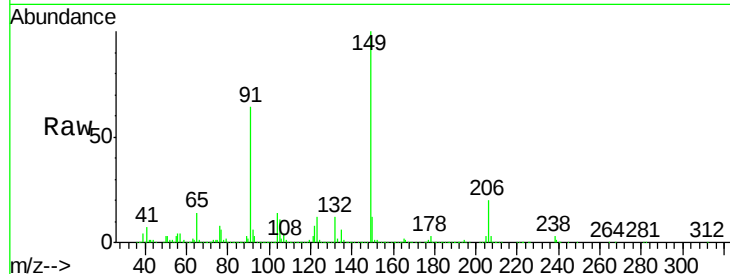
#79
Butylbenzylphthalate
Concen: 47.919 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.4	56.8	85.2
206	19.5	14.1	21.1

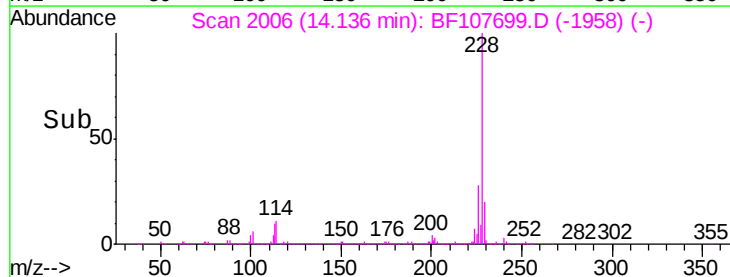
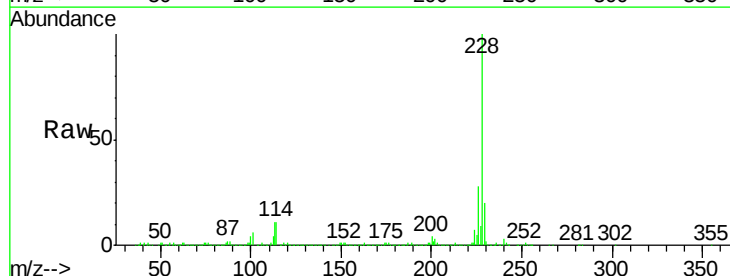
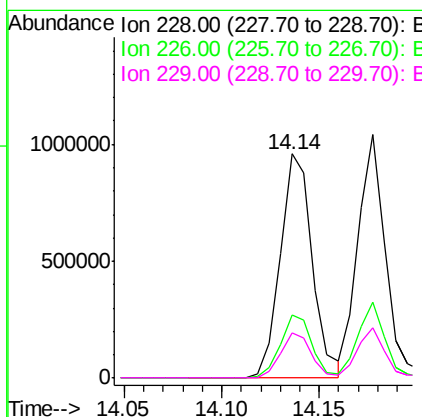
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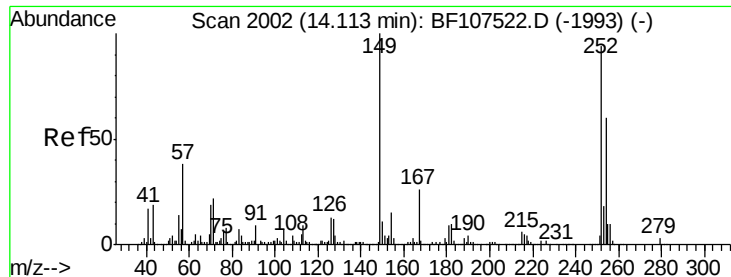
Sohil
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#80
Benzo(a)anthracene
Concen: 42.604 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.2	15.8	23.6





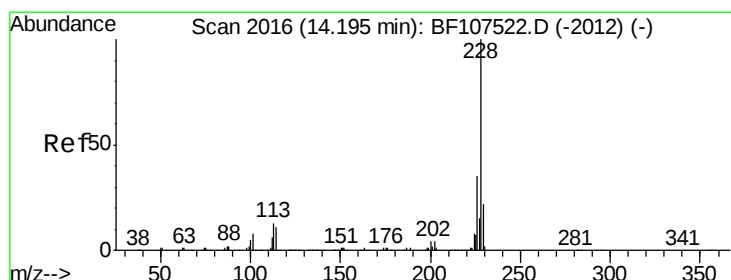
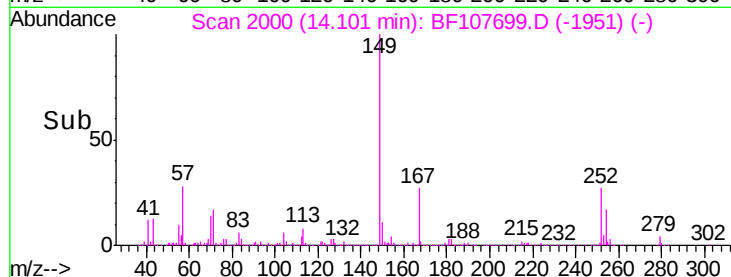
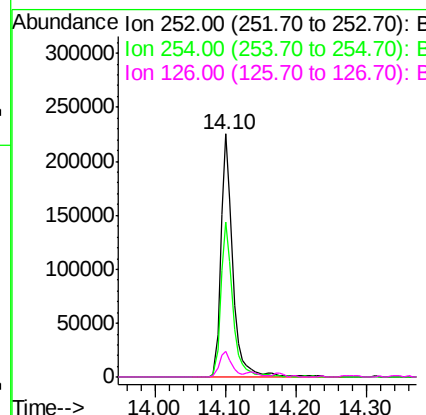
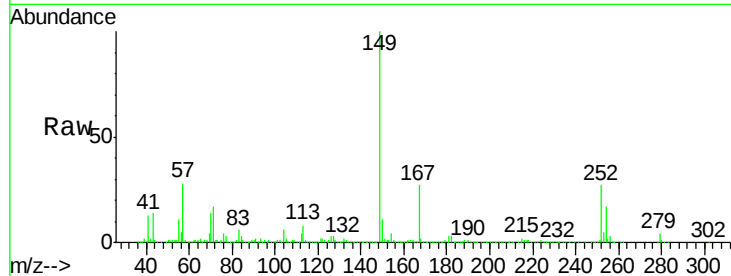
#81
 3,3'-Dichlorobenzidine
 Concen: 32.721 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	10.7	11.3	16.9

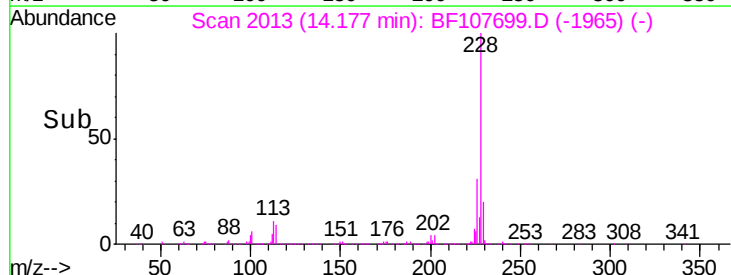
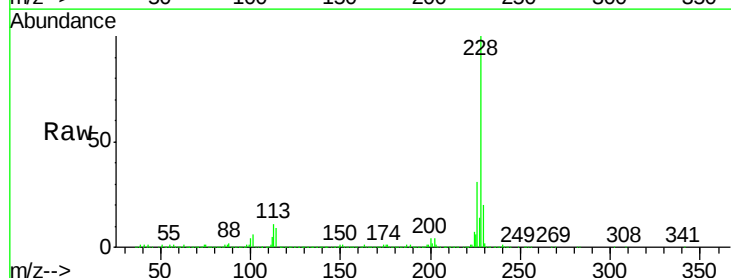
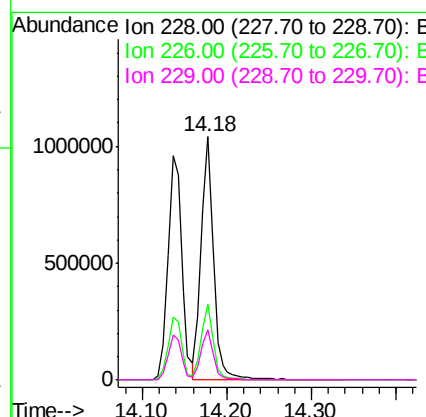
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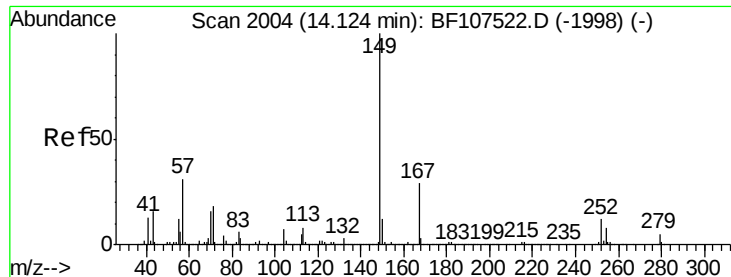
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#82
 Chrysene
 Concen: 43.198 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.5	16.2	24.4





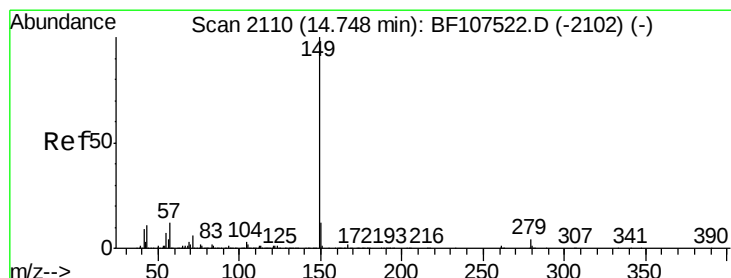
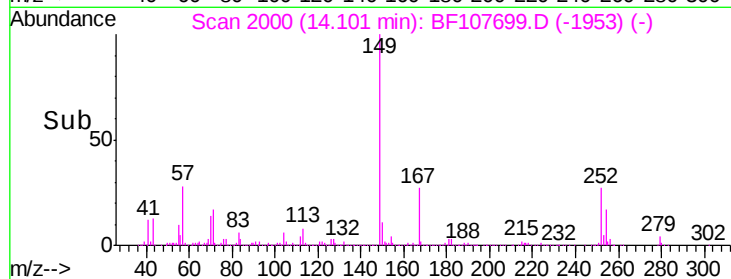
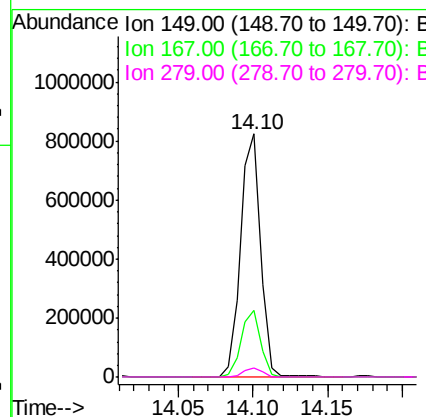
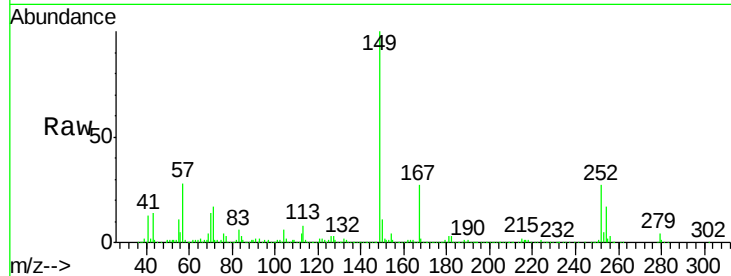
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.996 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111479BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	4.0	3.0	4.4

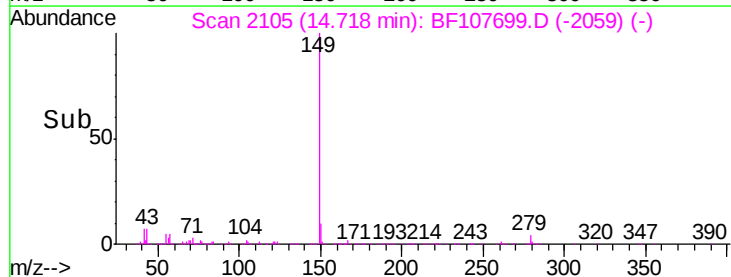
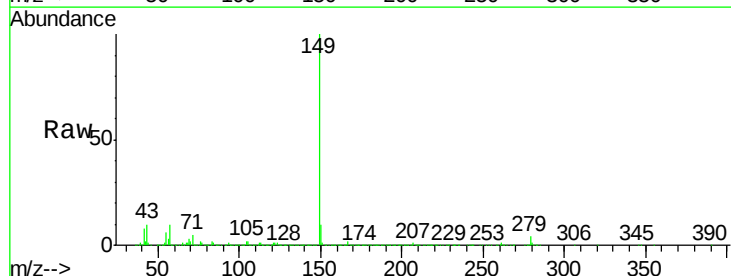
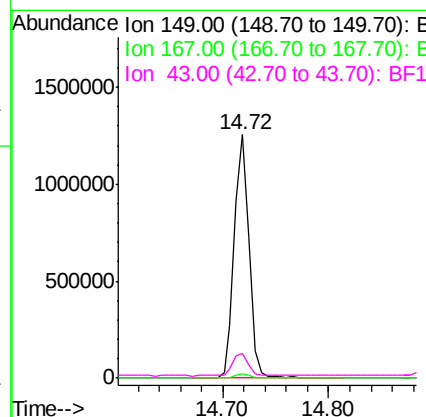
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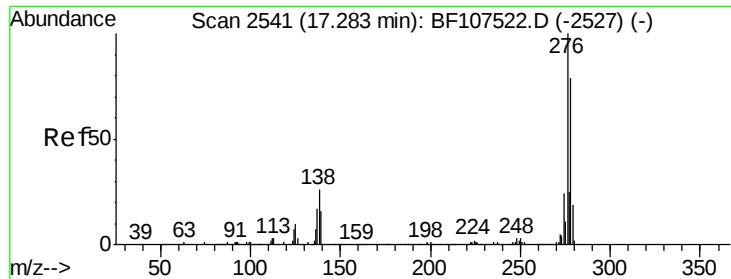
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 7/27/2018 2:53:40 PM



#84
 Di-n-octyl phthalate
 Concen: 42.649 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. -0.03 min
 Lab File: BF107699.D
 Acq: 26 Jul 2018 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.7	8.4	12.6





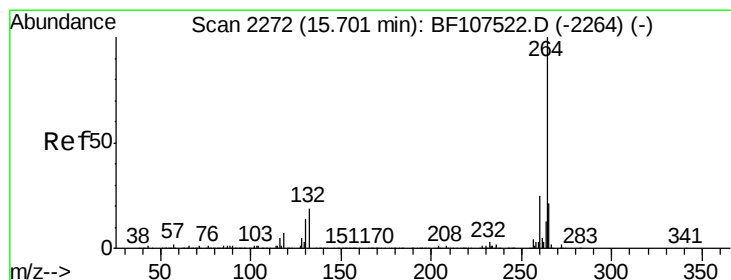
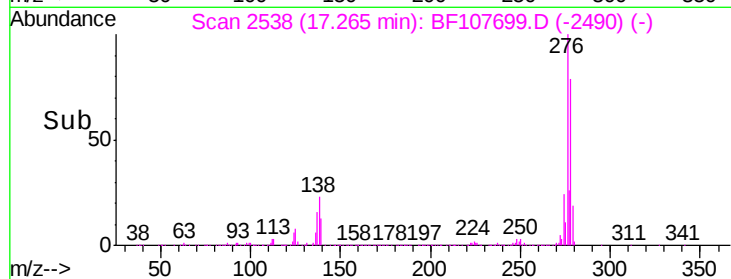
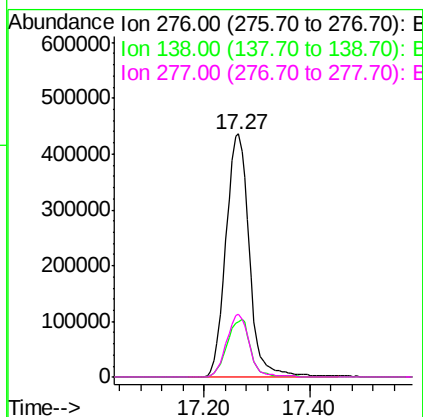
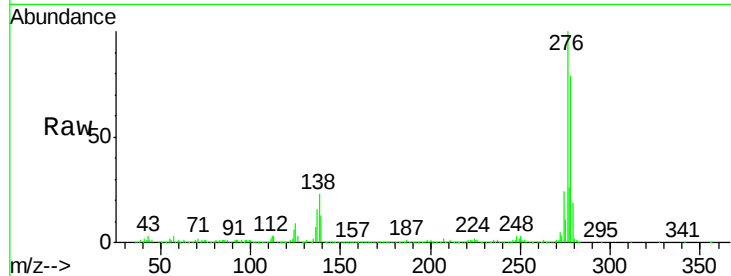
#85
Indeno(1,2,3-cd)pyrene
Concen: 64.944 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion:276 Resp: 1352732
Ion Ratio Lower Upper
276 100
138 24.0 25.0 37.6#
277 25.6 20.1 30.1

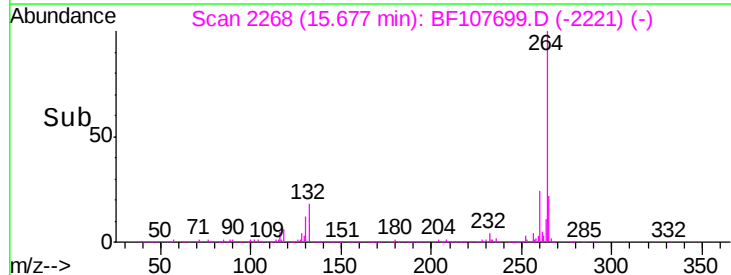
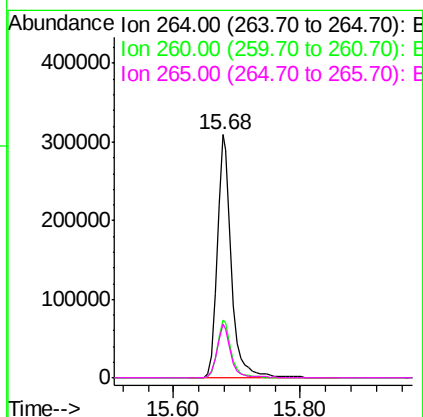
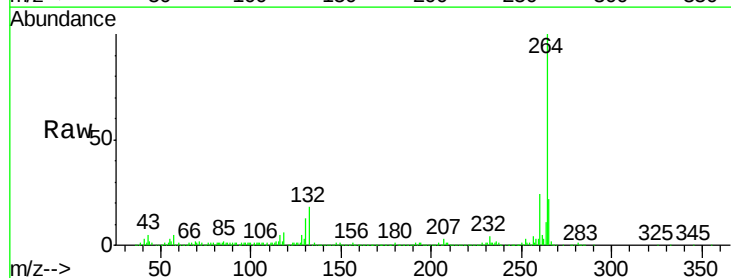
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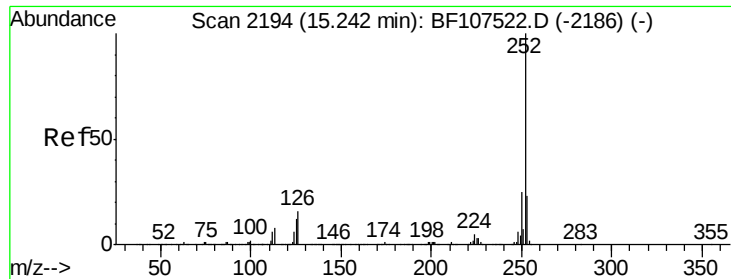
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion:264 Resp: 495345
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.2 17.5 26.3





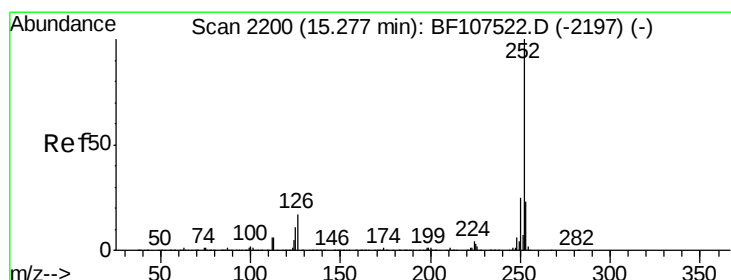
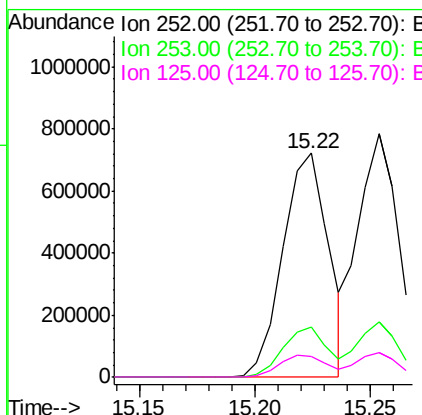
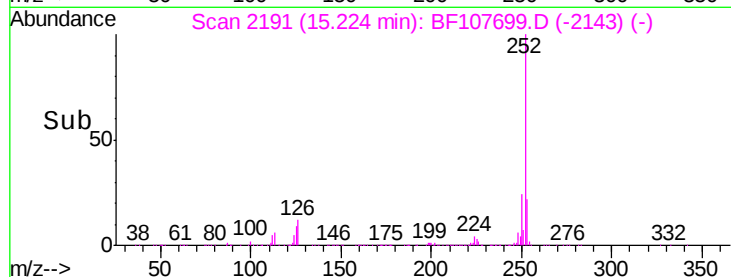
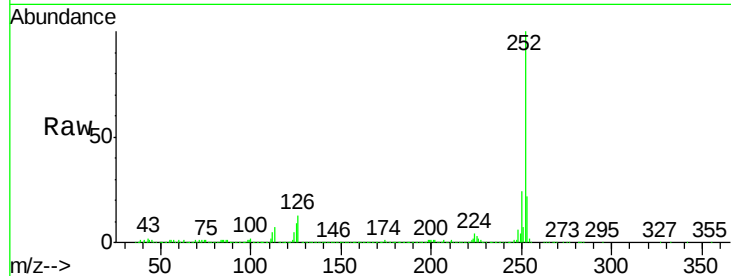
#87
Benzo(b)fluoranthene
Concen: 36.467 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.3	9.0	13.6

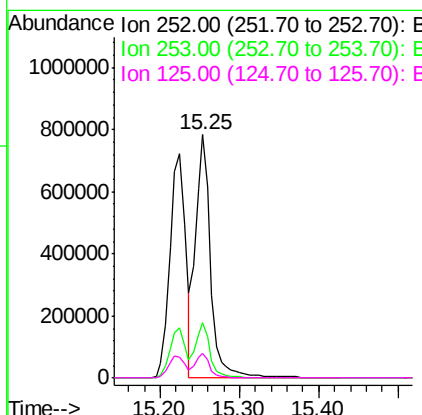
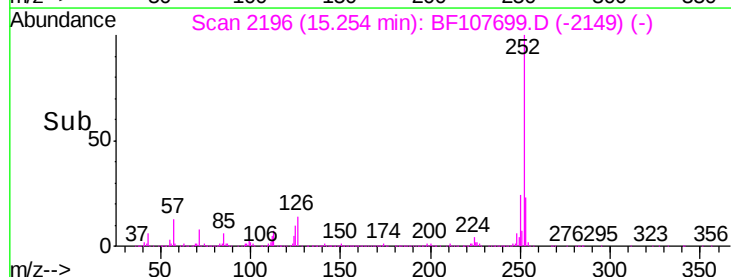
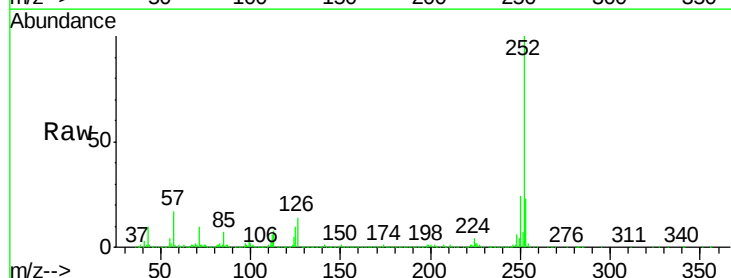
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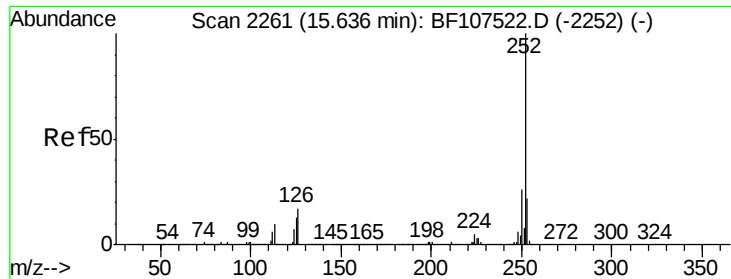
Sohil
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#88
Benzo(k)fluoranthene
Concen: 39.342 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

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





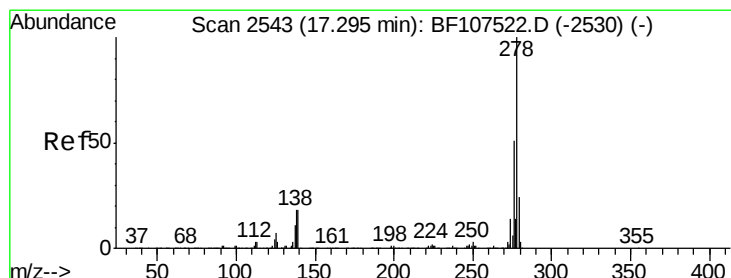
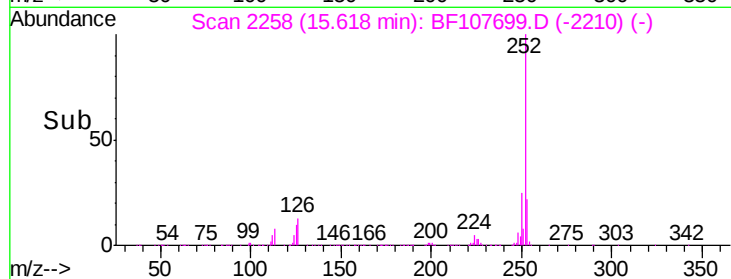
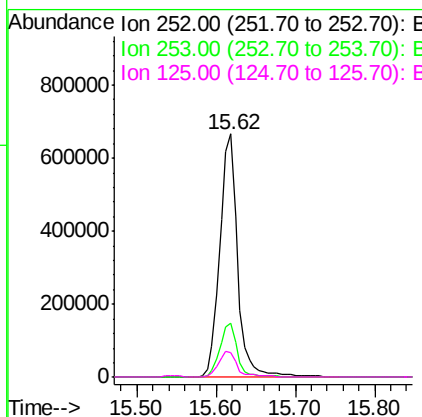
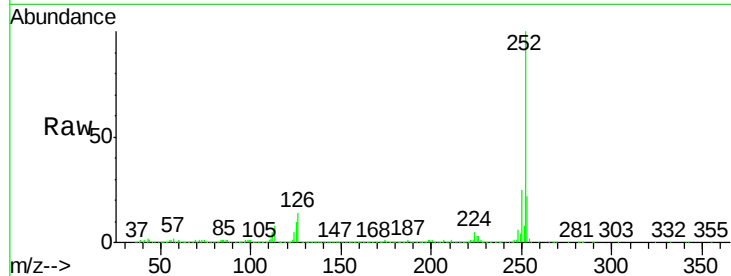
#89
Benzo(a)pyrene
Concen: 41.624 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Instrument :
BNA_F
ClientSampleId :
PB111479BS

Tgt Ion:252 Resp: 1032184
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.3 9.8 14.6

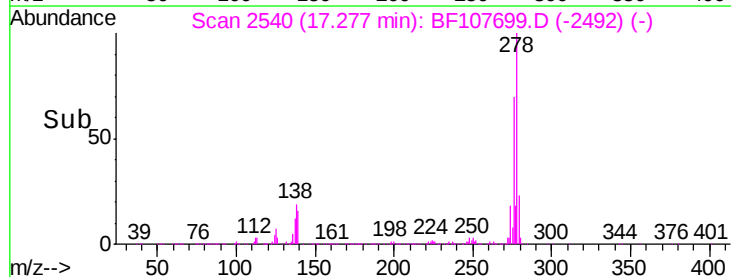
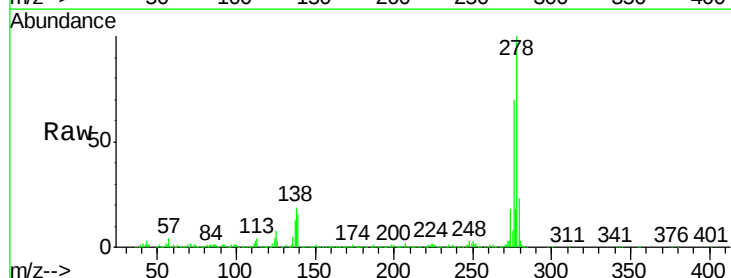
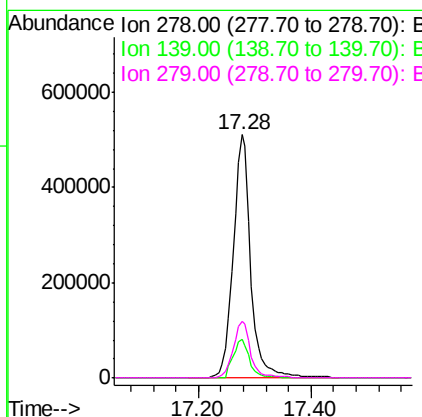
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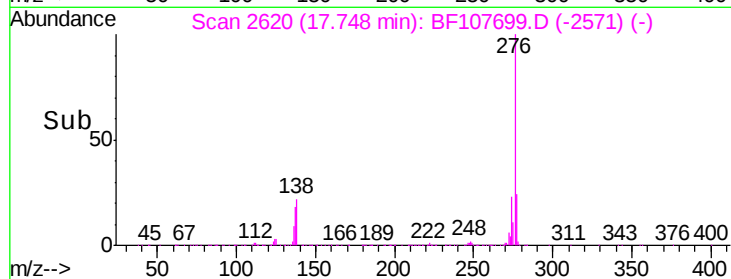
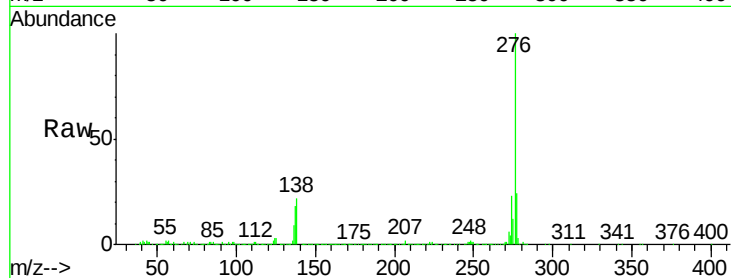
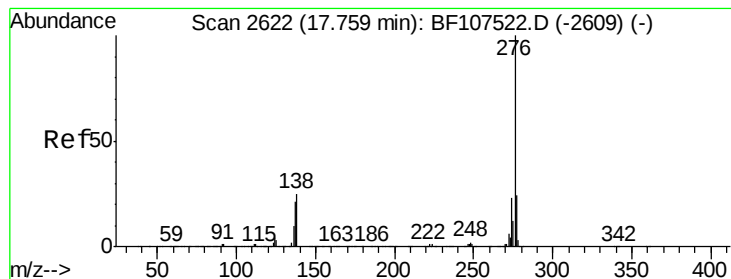
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 52.123 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107699.D
Acq: 26 Jul 2018 15:03

Tgt Ion:278 Resp: 1117319
Ion Ratio Lower Upper
278 100
139 16.1 15.9 23.9
279 23.4 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 54.639 ng

RT: 17.75 min Scan# 2620

Delta R.T. -0.01 min

Lab File: BF107699.D

Acq: 26 Jul 2018 15:03

Instrument :

BNA_F

ClientSampleId :

PB111479BS

Tgt Ion: 276 Resp: 1155301

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 21.7 21.8 32.8#

Manual Integrations
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Sohil
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