

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107537.D
 Acq On : 20 Jul 2018 21:25
 Operator : JU/SJ
 Sample : J4054-06MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Manual Integrations
 APPROVED

Sohil
 7/23/2018 12:44:41 PM

Quant Time: Jul 21 00:27:44 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	6.98	152	352420	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1318417	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	595161	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1100949	20.00	ng	0.00
75) Chrysene-d12	14.16	240	719909	20.00	ng	0.00
86) Perylene-d12	15.69	264	852832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	2507925	114.42	ng	0.00
7) Phenol-d6	6.62	99	2916527	110.81	ng	0.00
23) Nitrobenzene-d5	7.54	82	1892443	96.87	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	862575	127.45	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	2959522	85.22	ng	0.00
78) Terphenyl-d14	13.10	244	2591875	92.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	340102	33.336	ng	# 87
3) Pyridine	3.66	79	946651	34.107	ng	# 85
4) n-Nitrosodimethylamine	3.63	42	483787	41.329	ng	95
6) Aniline	6.65	93	1041712	30.688	ng	# 86
8) 2-Chlorophenol	6.77	128	944358	40.214	ng	93
9) Benzaldehyde	6.53	77	453010	25.769	ng	97
10) Phenol	6.63	94	1239045	40.029	ng	93
11) bis(2-Chloroethyl)ether	6.71	93	991168	38.624	ng	92
12) 1,3-Dichlorobenzene	6.92	146	1012609	38.032	ng	100
13) 1,4-Dichlorobenzene	6.99	146	1054191	38.630	ng	98
14) 1,2-Dichlorobenzene	7.15	146	951512	38.854	ng	100
15) Benzyl Alcohol	7.12	79	766546	42.734	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1593820	36.815	ng	82
17) 2-Methylphenol	7.23	107	818047	40.985	ng	# 94
18) Hexachloroethane	7.48	117	381228	39.829	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	651123	38.295	ng	98
20) 3+4-Methylphenols	7.38	107	965034	40.718	ng	# 62
22) Acetophenone	7.38	105	1304157	42.120	ng	# 87
24) Nitrobenzene	7.56	77	1013707	45.304	ng	99
25) Isophorone	7.80	82	1880729	45.088	ng	98
26) 2-Nitrophenol	7.87	139	516611	54.673	ng	94
27) 2,4-Dimethylphenol	7.91	122	886419	49.560	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	1202173	43.126	ng	99
29) 2,4-Dichlorophenol	8.12	162	841835	46.049	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	840429	40.931	ng	100
31) Naphthalene	8.28	128	2580150	44.504	ng	96
32) Benzoic acid	8.02	122	349771	31.301	ng	96
33) 4-Chloroaniline	8.34	127	228316	9.010	ng	99
34) Hexachlorobutadiene	8.39	225	485245	39.772	ng	99
35) Caprolactam	8.71	113	265142m	44.590	ng	
36) 4-Chloro-3-methylphenol	8.82	107	922510	45.428	ng	99
37) 2-Methylnaphthalene	8.97	142	1805495	44.940	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	836017	42.114	ng	99
40) Hexachlorocyclopentadiene	9.12	237	847777	84.012	ng	99

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 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	9.25	196	574472	45.211	ng	98
43) 2,4,5-Trichlorophenol	9.30	196	618811	46.597	ng	94
45) 1,1'-Biphenyl	9.44	154	2121693	40.923	ng	96
46) 2-Chloronaphthalene	9.47	162	1613463	40.714	ng	98
47) 2-Nitroaniline	9.57	65	588223	50.914	ng	89
48) Acenaphthylene	9.88	152	2569911	43.169	ng	93
49) Dimethylphthalate	9.74	163	2211812	49.310	ng	97
50) 2,6-Dinitrotoluene	9.81	165	438849	49.278	ng	96
51) Acenaphthene	10.05	154	1509304	40.465	ng	99
52) 3-Nitroaniline	9.98	138	271296	25.041	ng	99
53) 2,4-Dinitrophenol	10.08	184	334650	79.766	ng #	22
54) Dibenzofuran	10.22	168	2235504	40.711	ng	94
55) 4-Nitrophenol	10.15	139	714139	88.040	ng	92
56) 2,4-Dinitrotoluene	10.21	165	562211	52.299	ng	96
57) Fluorene	10.57	166	1733372	44.247	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	520009	47.050	ng #	89
59) Diethylphthalate	10.44	149	1982033	42.309	ng	95
60) 4-Chlorophenyl-phenylether	10.56	204	861567	38.902	ng	91
61) 4-Nitroaniline	10.60	138	448976	49.325	ng	98
62) Azobenzene	10.72	77	1792345	40.803	ng	90
64) 4,6-Dinitro-2-methylphenol	10.62	198	237373	45.265	ng	94
65) n-Nitrosodiphenylamine	10.68	169	1572037	42.043	ng	96
66) 4-Bromophenyl-phenylether	11.05	248	540093	41.674	ng	92
67) Hexachlorobenzene	11.12	284	573989	40.252	ng #	86
68) Atrazine	11.21	200	511984	44.847	ng	97
69) Pentachlorophenol	11.31	266	603737	67.782	ng	98
70) Phenanthrene	11.54	178	2264180	42.203	ng	95
71) Anthracene	11.59	178	2288013	42.357	ng	94
72) Carbazole	11.75	167	2179781	38.806	ng	96
73) Di-n-butylphthalate	12.06	149	2615519	45.366	ng #	96
74) Fluoranthene	12.73	202	2227673	38.695	ng	96
76) Benzidine	12.85	184	814779	39.300	ng	98
77) Pyrene	12.96	202	2197915	44.634	ng	96
79) Butylbenzylphthalate	13.57	149	1043767	49.288	ng	94
80) Benzo(a)anthracene	14.15	228	1878324	44.523	ng	96
81) 3,3'-Dichlorobenzidine	14.11	252	493823	37.745	ng	99
82) Chrysene	14.19	228	1759014	43.405	ng	95
83) Bis(2-ethylhexyl)phthalate	14.12	149	1346396	45.059	ng	98
84) Di-n-octyl phthalate	14.74	149	2232092	48.058	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	2415486	70.326	ng	95
87) Benzo(b)fluoranthene	15.24	252	2051214	43.947	ng	98
88) Benzo(k)fluoranthene	15.27	252	1667900	36.474	ng	97
89) Benzo(a)pyrene	15.63	252	1884521	44.139	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	1962617	53.178	ng	97
91) Benzo(g,h,i)perylene	17.76	276	2013728	55.316	ng	93

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

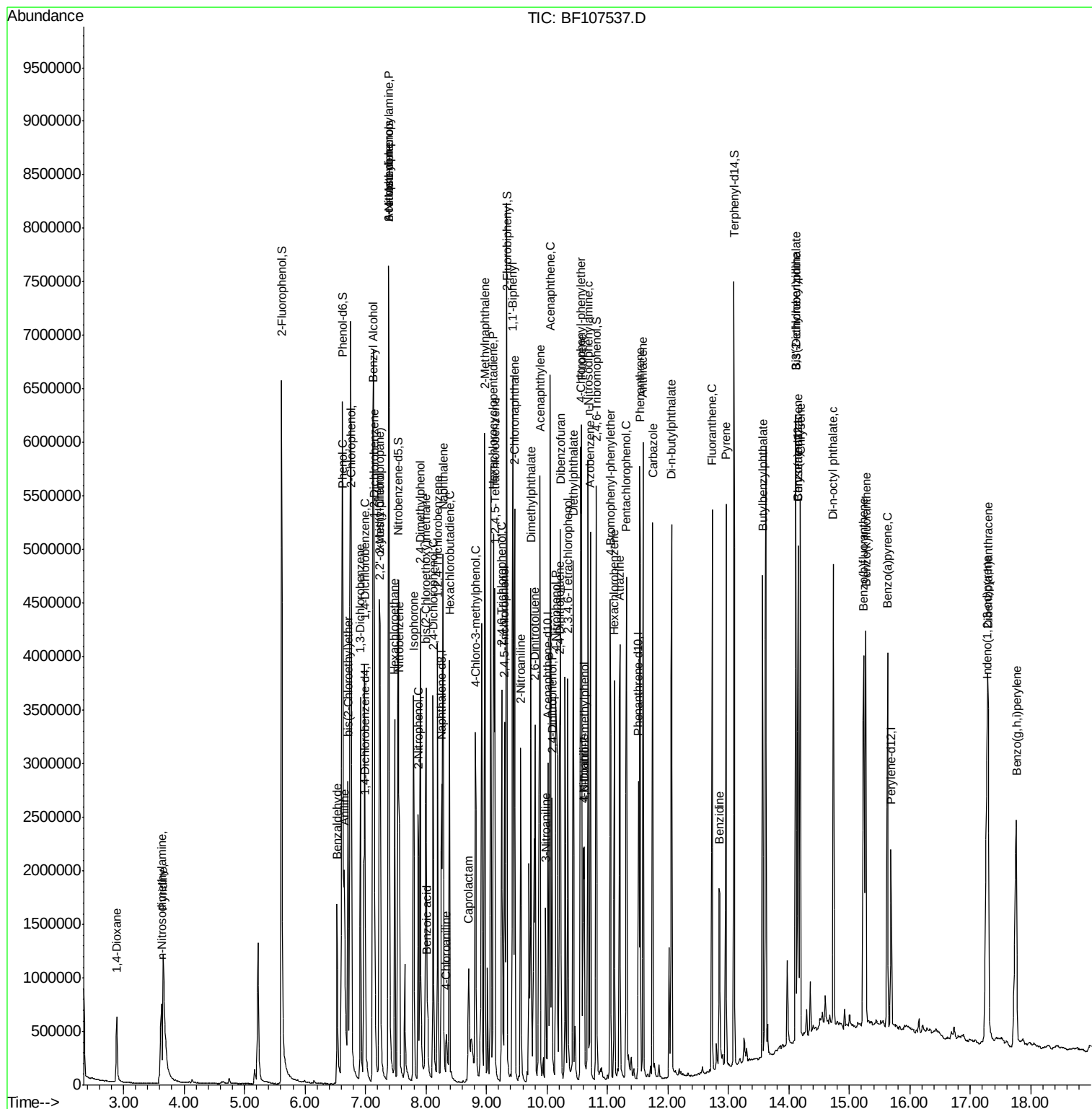
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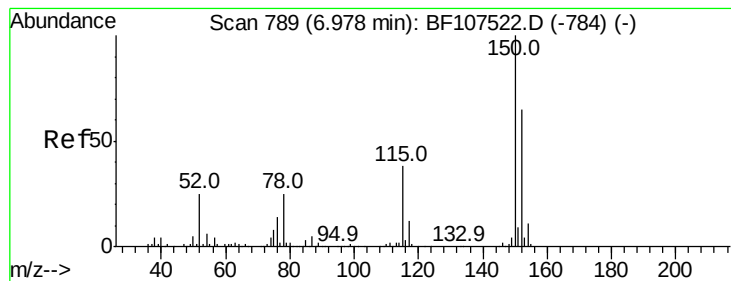
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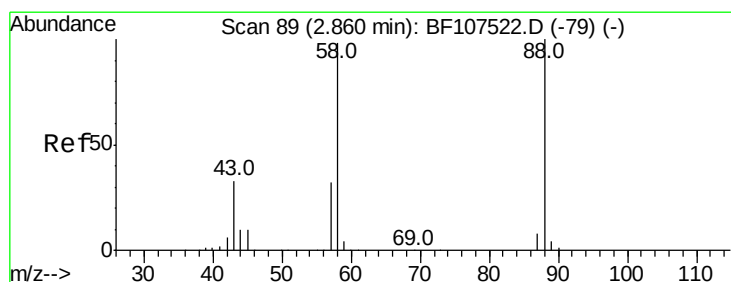
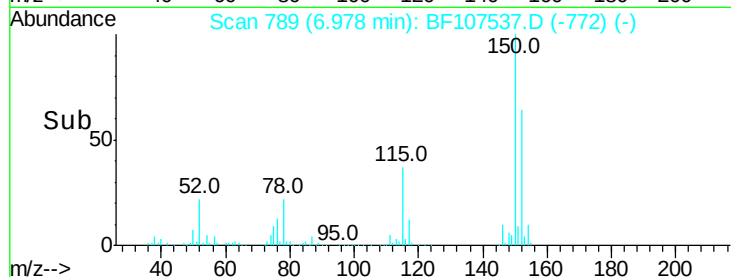
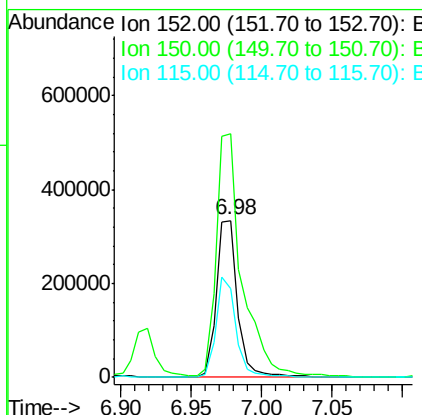
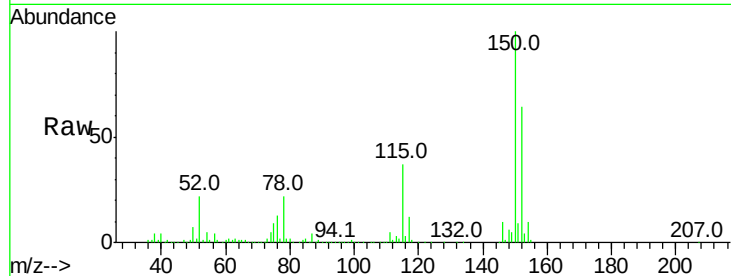
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	56.9	50.1	75.1

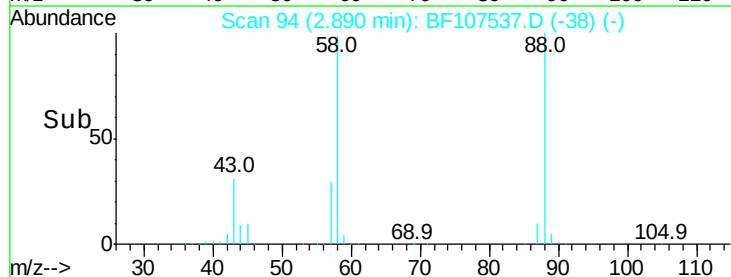
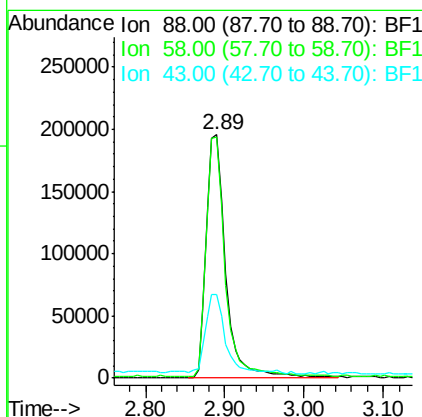
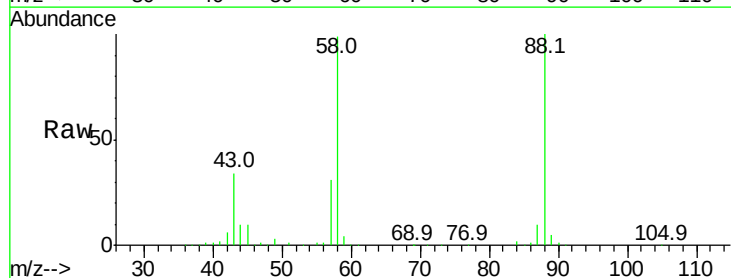
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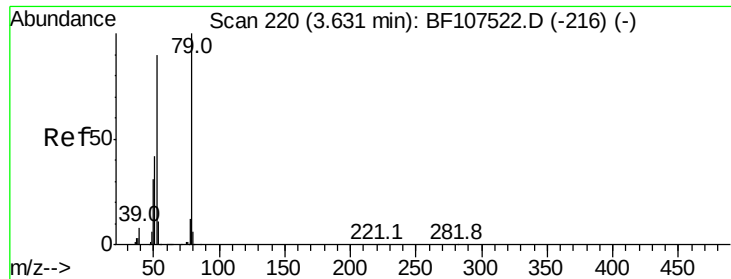
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#2
 1,4-Dioxane
 Concen: 33.336 ng
 RT: 2.89 min Scan# 94
 Delta R.T. 0.03 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.2	62.6	93.8#
43	30.5	24.6	37.0





#3

Pvridine

Concen: 34.107 ng

RT: 3.66 min Scan# 225

Delta R.T. 0.03 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

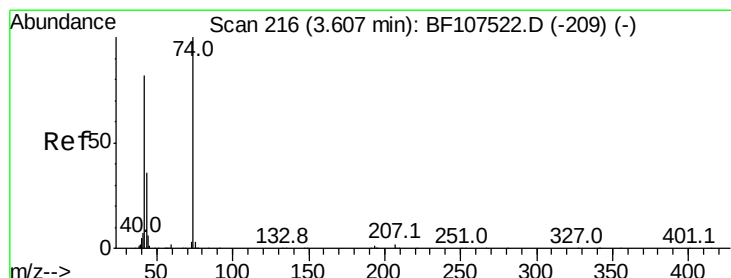
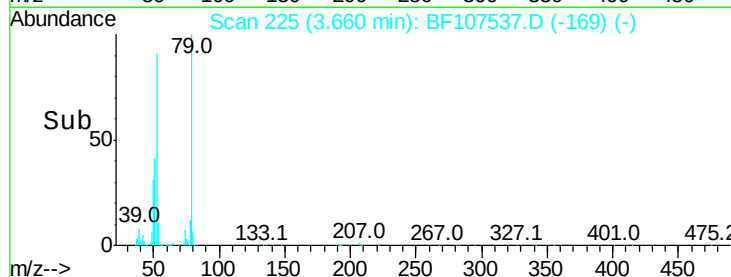
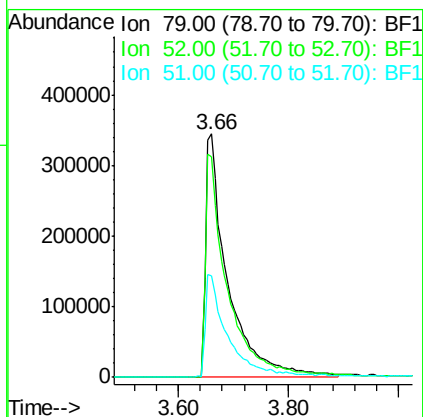
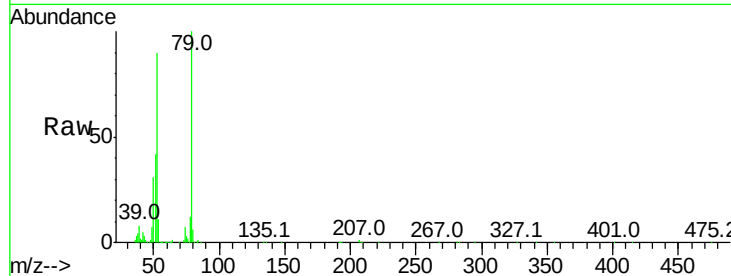
ClientSampleId :

161-TP-1MSD

Tot Ion:	79	Resp:	946651
Ion Ratio	Lower	Upper	
79	100		
52	90.5	59.8	89.6#
51	41.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 41.329 ng

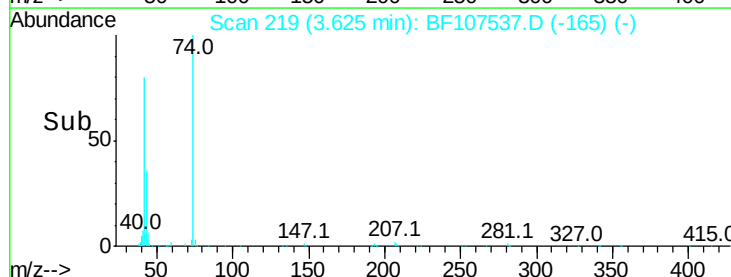
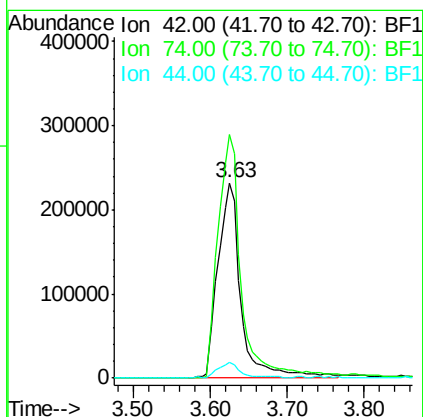
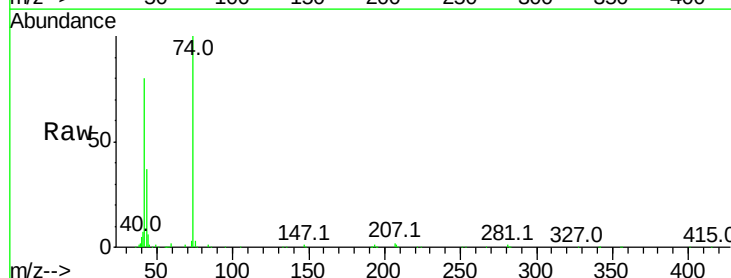
RT: 3.63 min Scan# 219

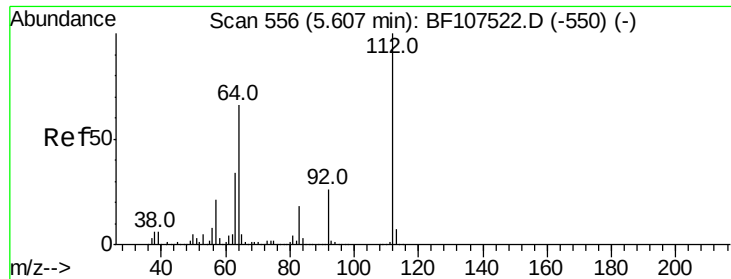
Delta R.T. 0.02 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion:	42	Resp:	483787
Ion Ratio	Lower	Upper	
42	100		
74	124.8	104.9	157.3
44	7.8	6.9	10.3





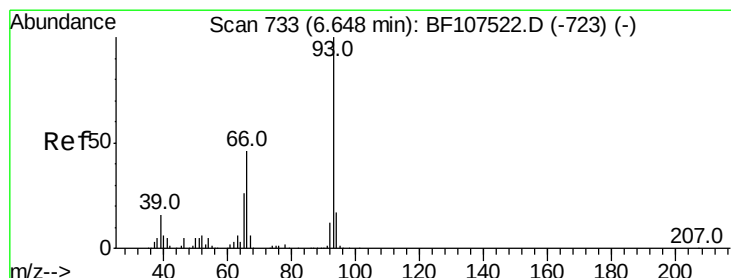
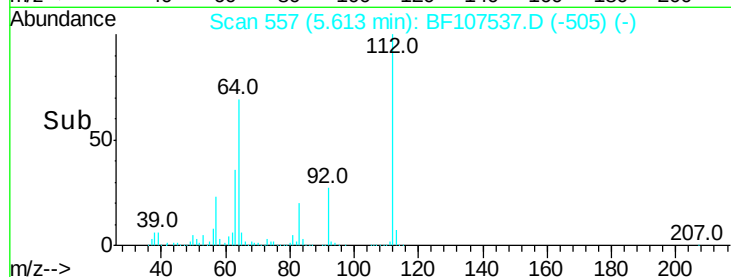
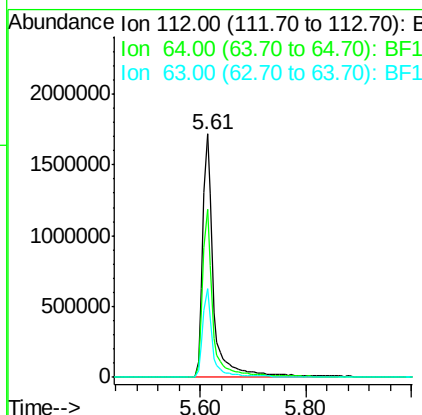
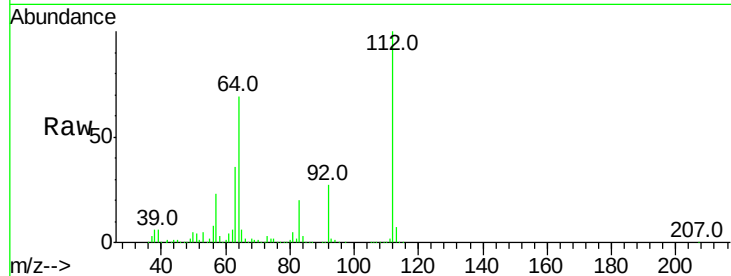
#5
2-Fluorophenol
Concen: 114.416 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
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161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	68.9	47.9	71.9
63	36.5	23.7	35.5#

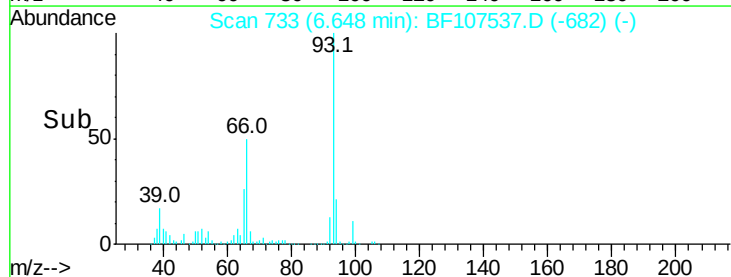
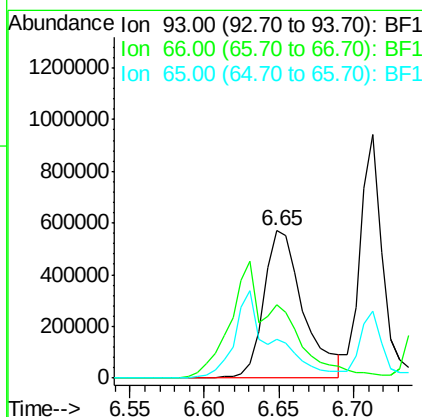
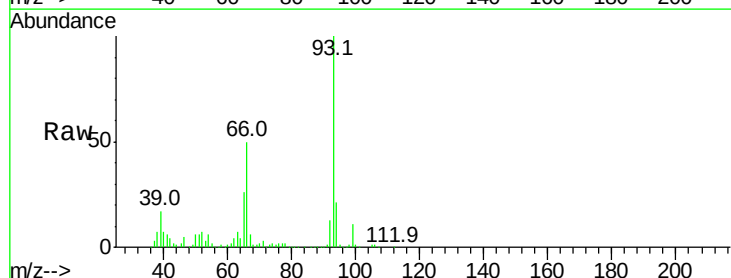
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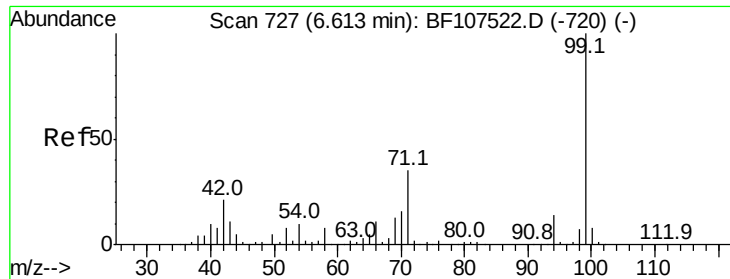
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#6
Aniline
Concen: 30.688 ng
RT: 6.65 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
93	100		
66	49.8	32.2	48.2#
65	26.1	16.4	24.6#





#7

Phenol-d6

Concen: 110.813 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

ClientSampleId :

161-TP-1MSD

Tot Ion: 99 Resp: 2916527

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

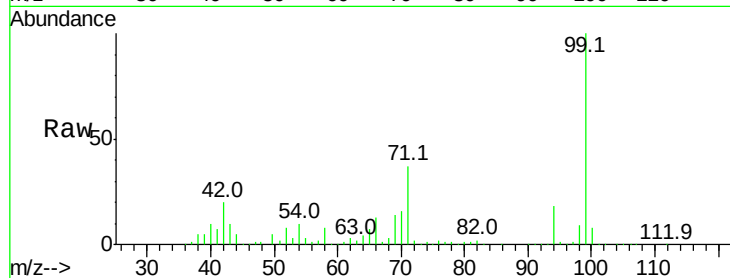
71 36.6 25.4 38.0

Manual Integrations

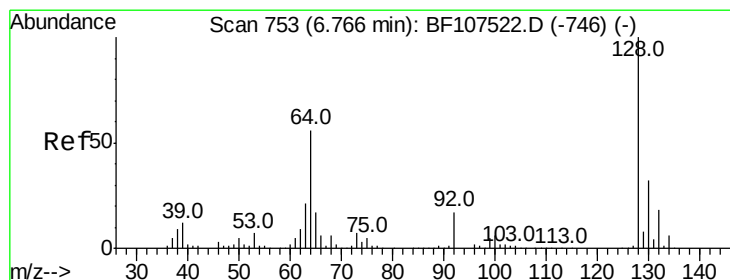
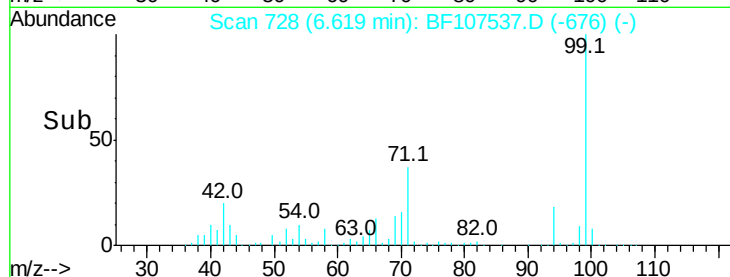
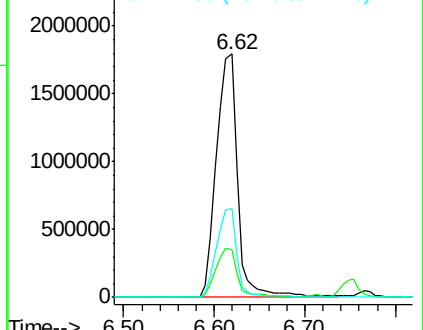
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.214 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

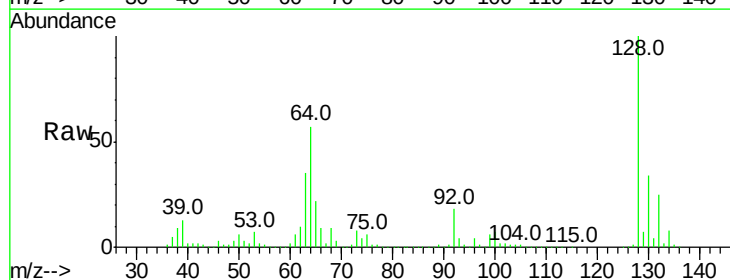
Tgt Ion: 128 Resp: 944358

Ion Ratio Lower Upper

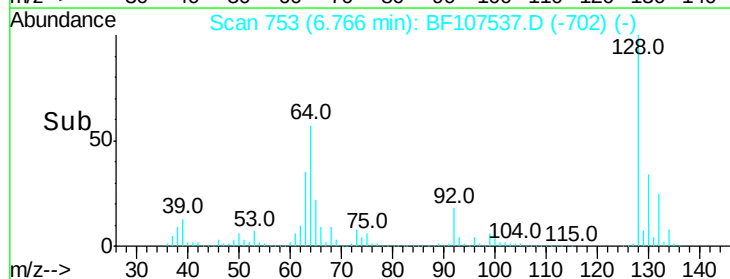
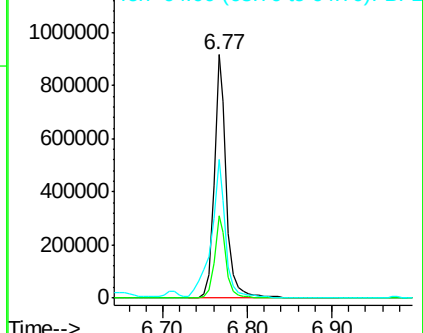
128 100

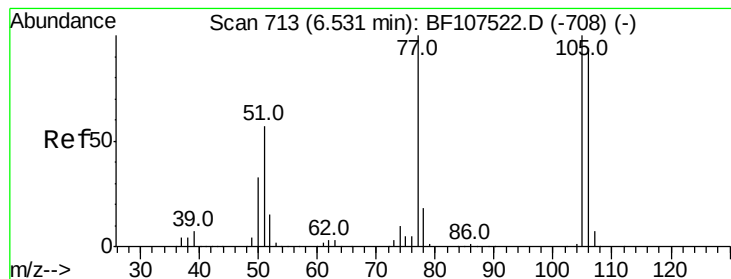
130 33.7 13.0 53.0

64 56.8 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: 25.769 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107537.D

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Instrument :

BNA_F

ClientSampleId :

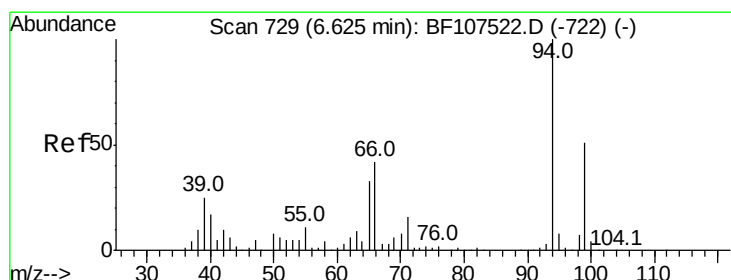
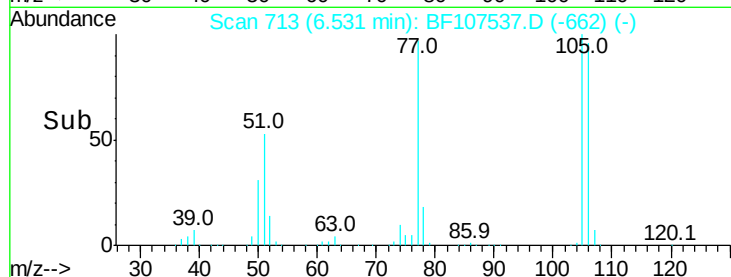
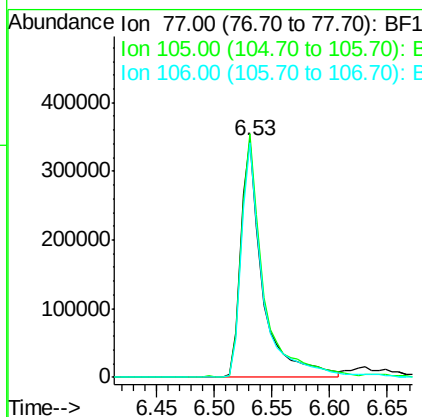
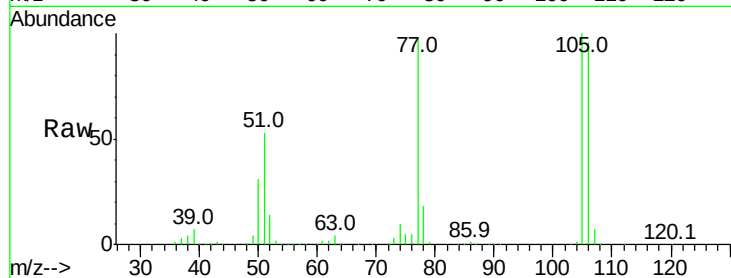
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.8	81.1	121.1
106	98.9	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 40.029 ng

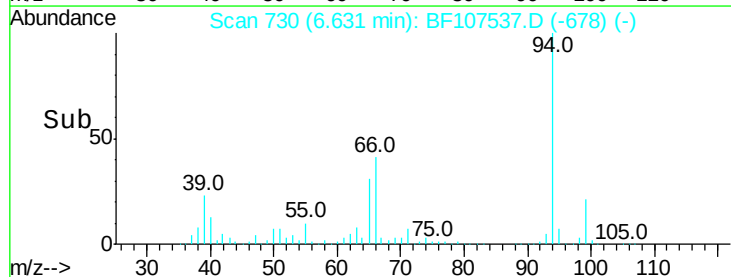
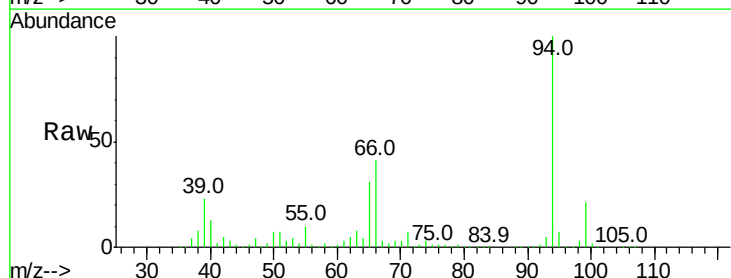
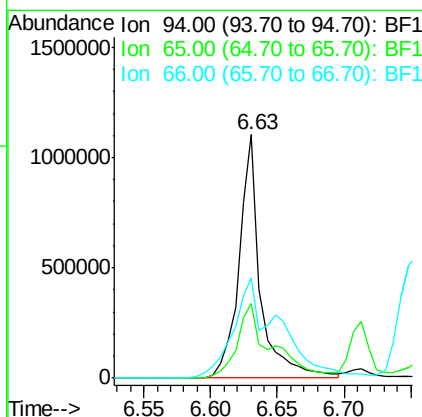
RT: 6.63 min Scan# 730

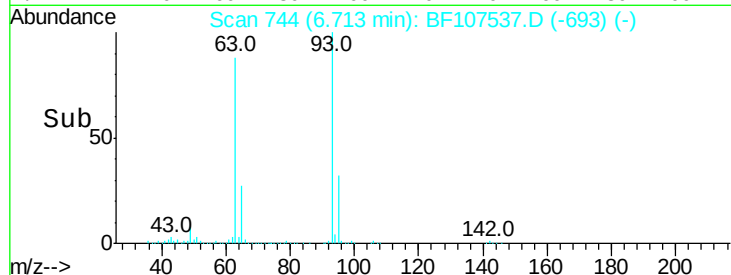
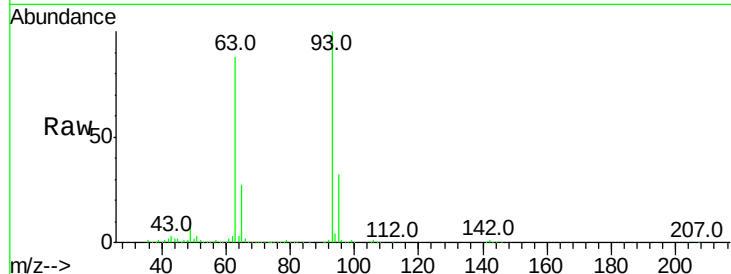
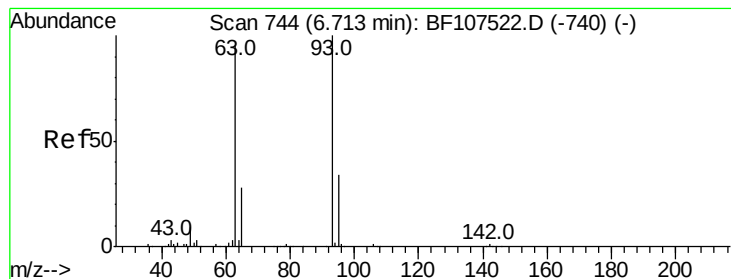
Delta R.T. 0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.8	7.9	47.9
66	41.0	16.2	56.2





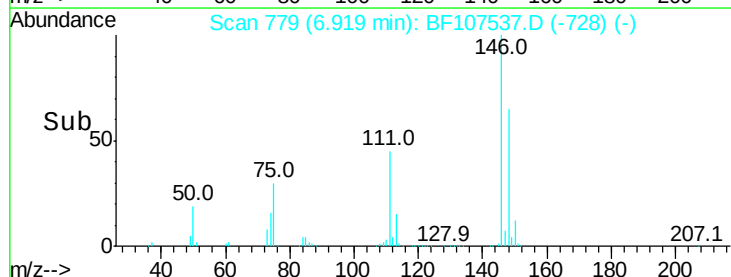
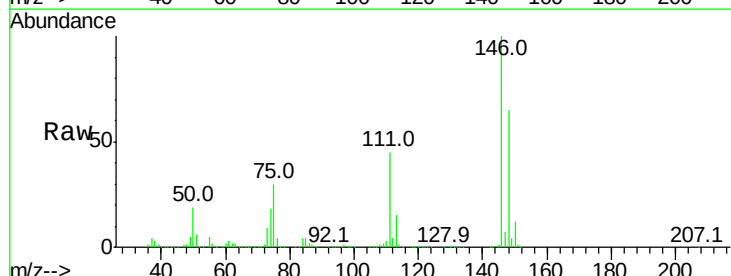
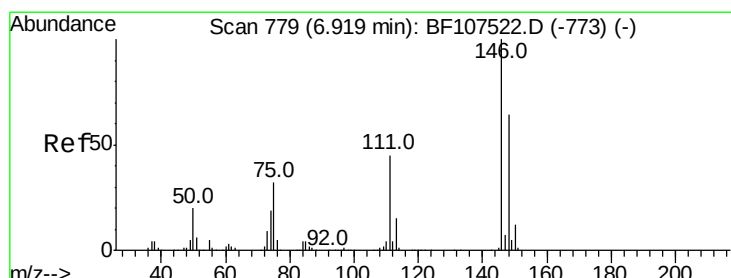
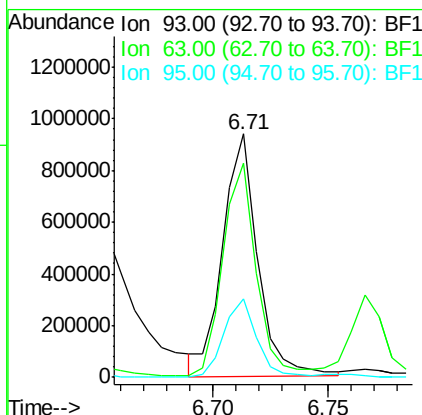
#11
bis(2-Chloroethyl)ether
Concen: 38.624 ng
RT: 6.71 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tot Ion	93	Resp	991168
Ion Ratio	100	Lower	Upper
93	100		
63	88.1	58.6	98.6
95	32.2	11.8	51.8

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

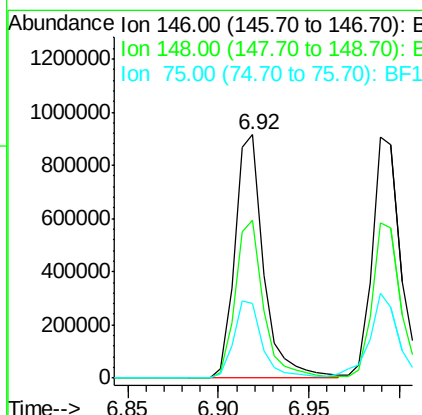
Manual Integrations
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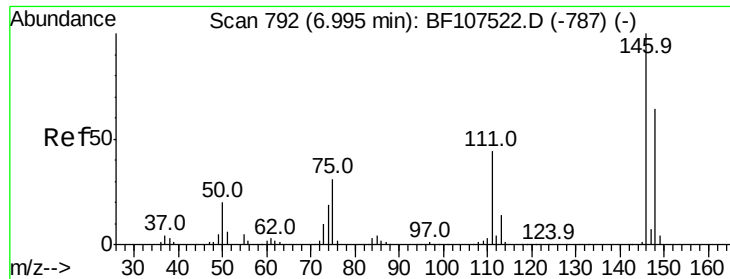
Sohil
7/23/2018 12:44:41 PM



#12
1,3-Dichlorobenzene
Concen: 38.032 ng
RT: 6.92 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	146	Resp	1012609
Ion Ratio	100	Lower	Upper
146	100		
148	65.1	51.8	77.8
75	30.4	24.2	36.4





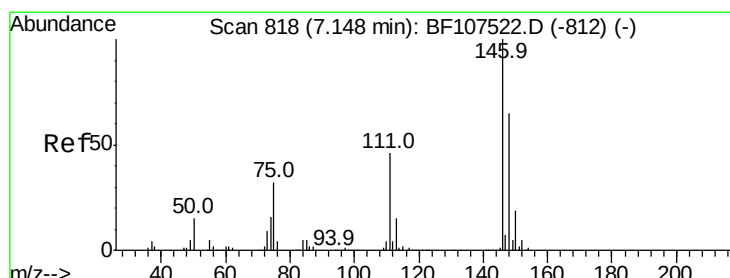
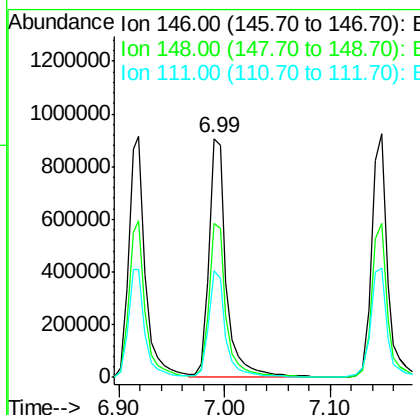
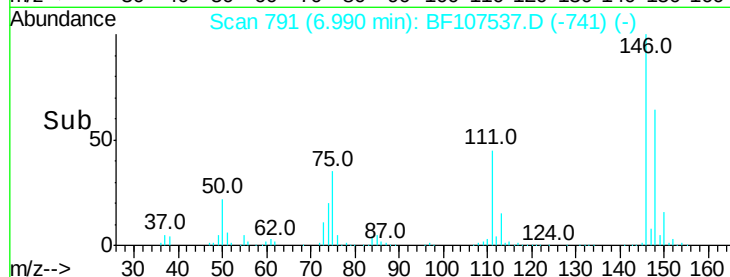
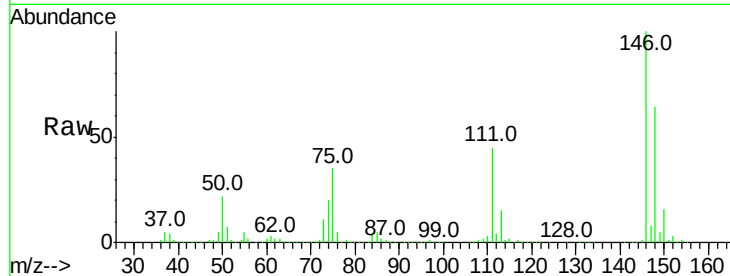
#13
 1,4-Dichlorobenzene
 Concen: 38.630 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Tot Ion:146 Resp: 1054191
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 44.9 34.2 51.2

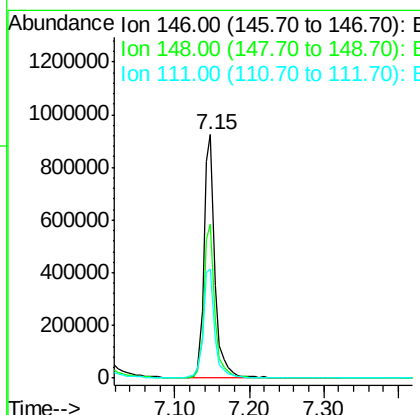
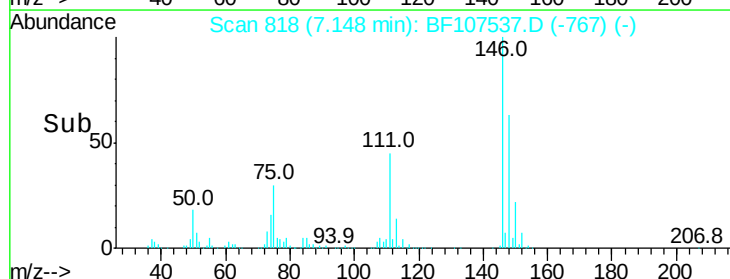
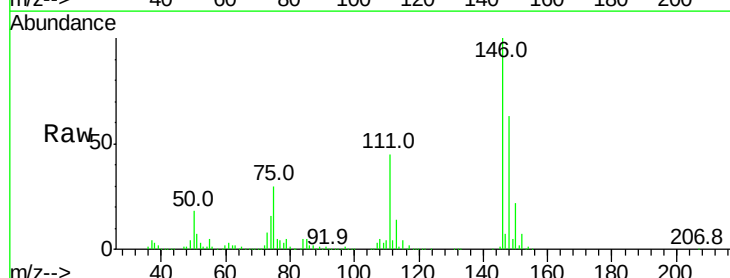
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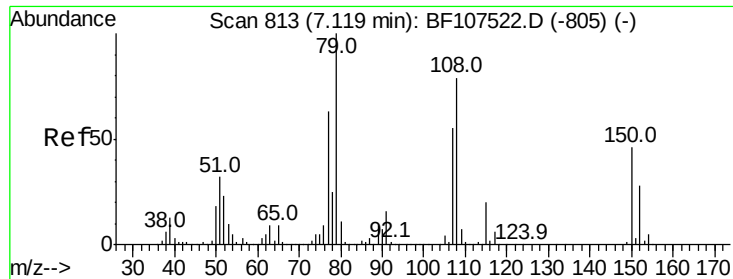
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.854 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Tgt Ion:146 Resp: 951512
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 75.8
 111 44.8 36.0 54.0





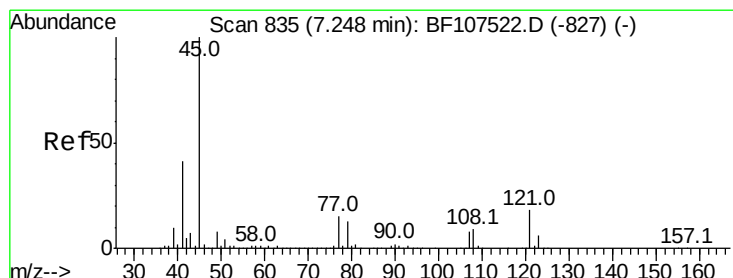
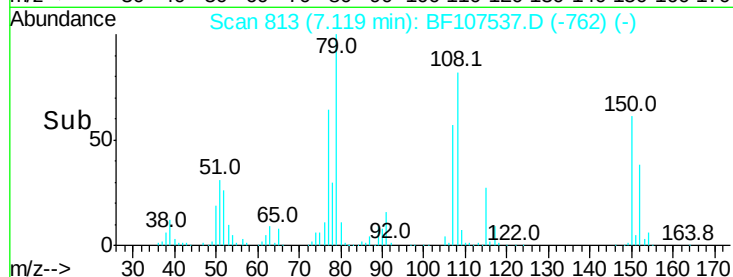
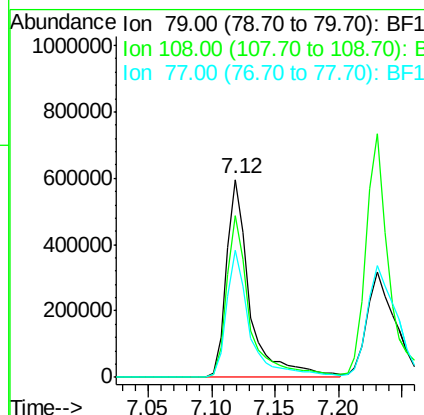
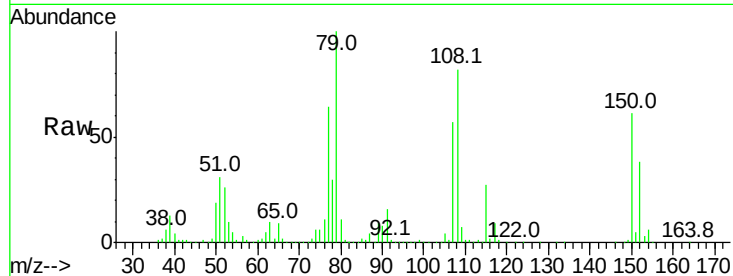
#15
Benzyl Alcohol
Concen: 42.734 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampled :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.7	65.1	97.7
77	64.1	50.6	75.8

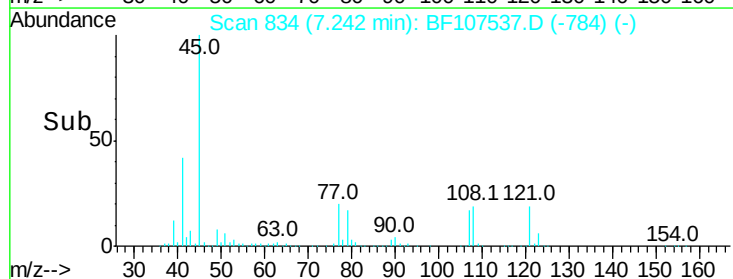
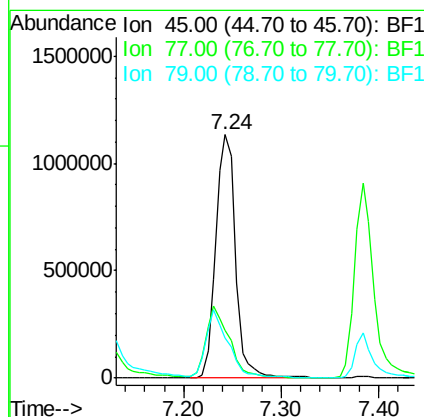
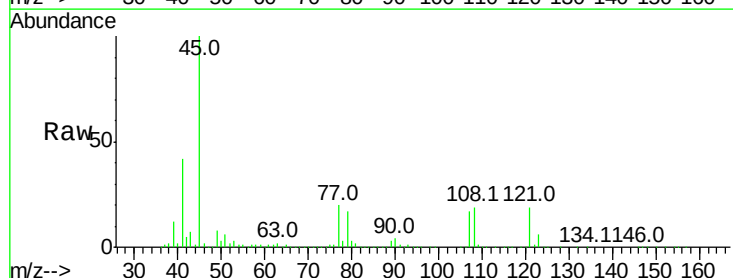
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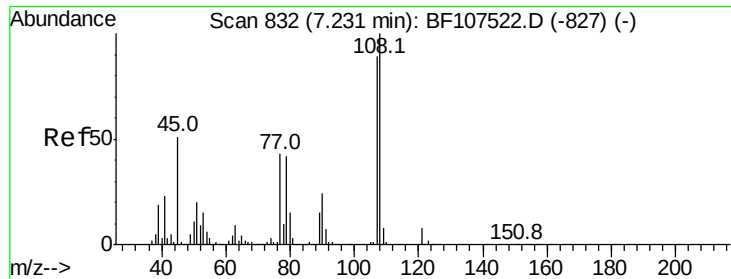
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.815 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.6	0.0	32.9
79	16.6	0.0	29.6





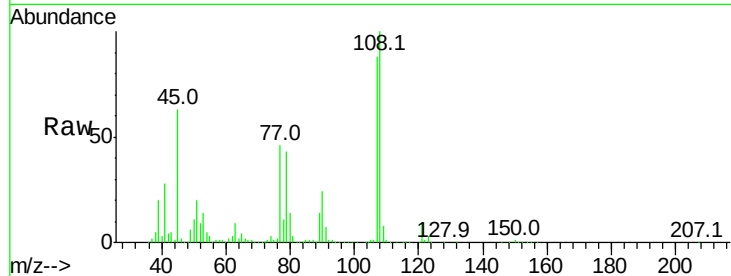
#17
2-Methylphenol
Concen: 40.985 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.7	137.5	
77	52.6	33.8	50.8#	
79	49.3	33.8	50.8	

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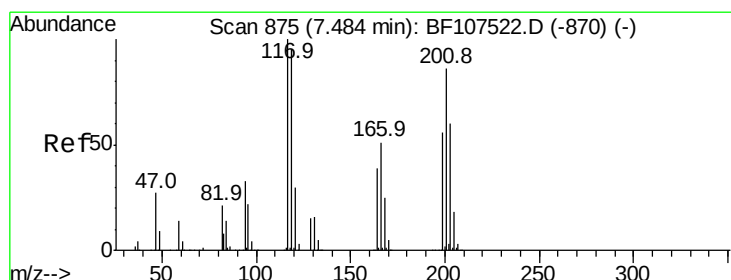
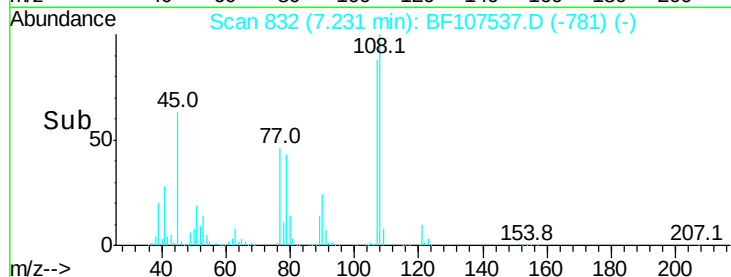
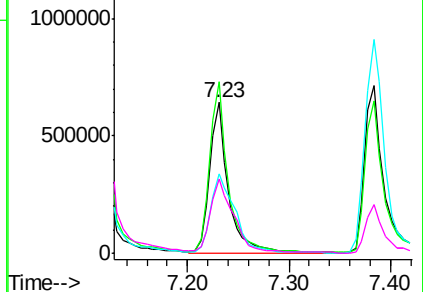
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.829 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

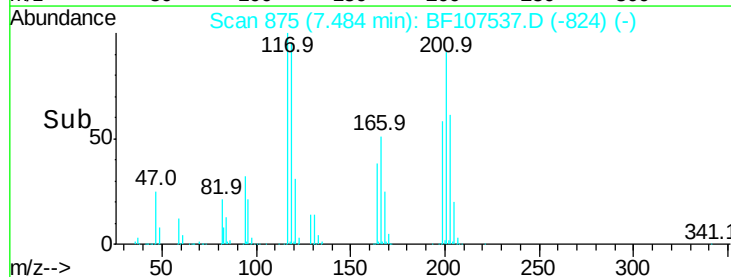
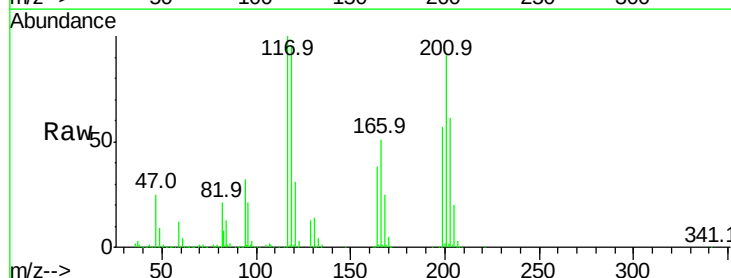
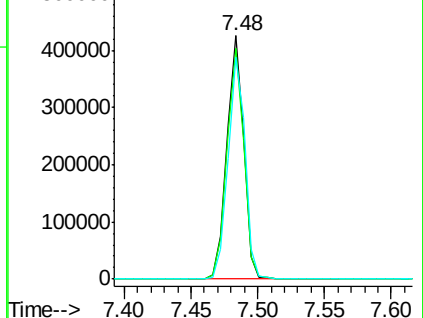
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.8	113.8	
201	91.1	75.7	113.5	

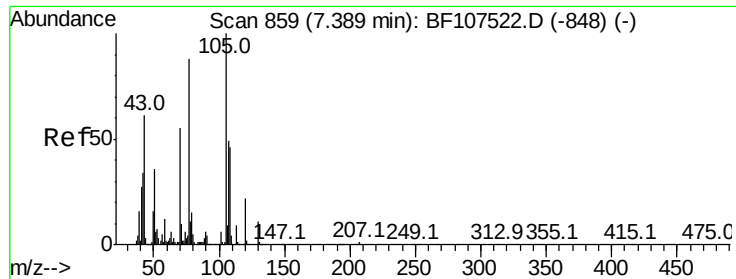
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





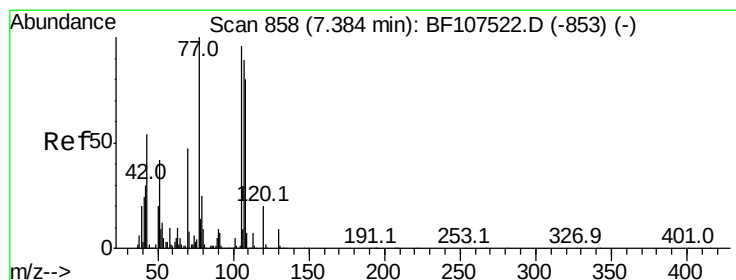
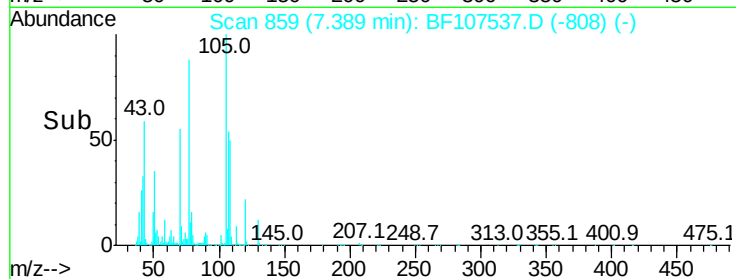
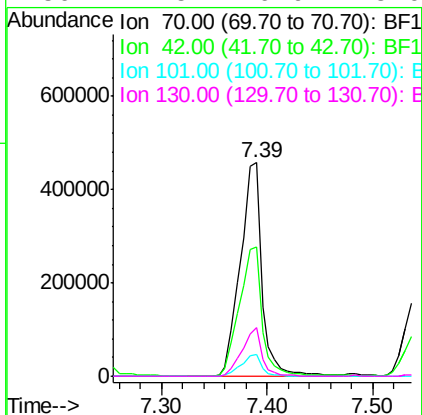
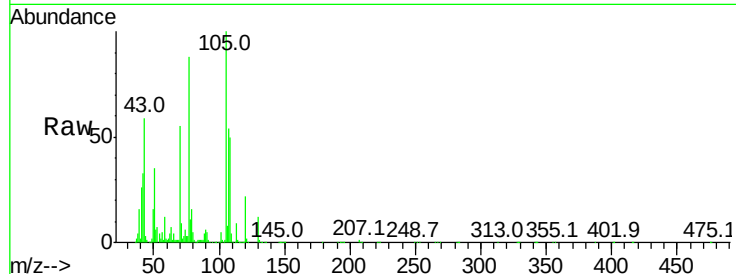
#19
n-Nitroso-di-n-propylamine
Concen: 38.295 ng
RT: 7.39 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.4	47.5	71.3
101	9.9	7.4	11.2
130	22.5	16.6	25.0

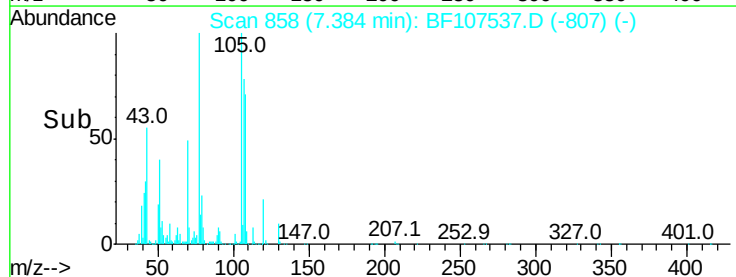
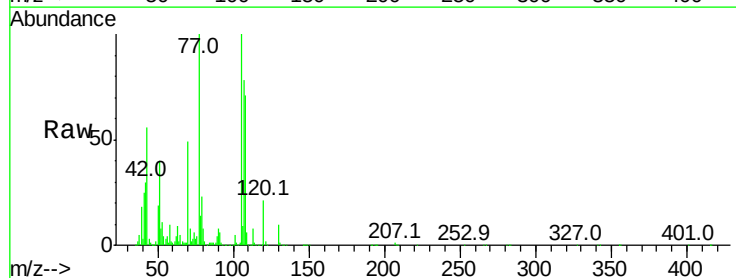
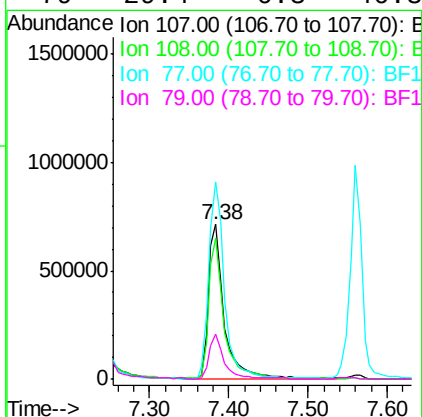
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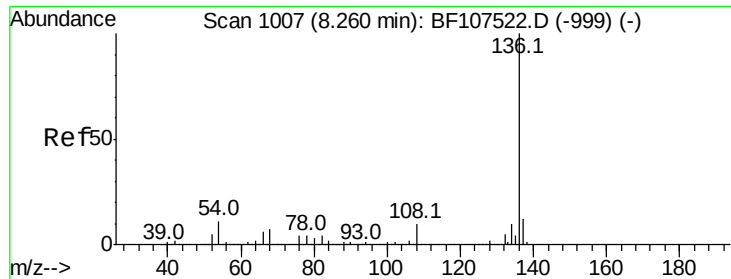
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#20
3+4-Methylphenols
Concen: 40.718 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	127.7	26.7	66.7#
79	29.4	6.3	46.3





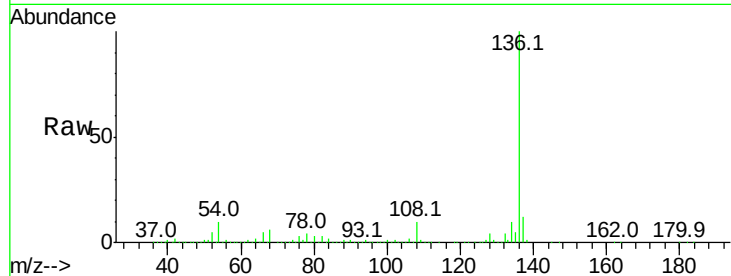
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

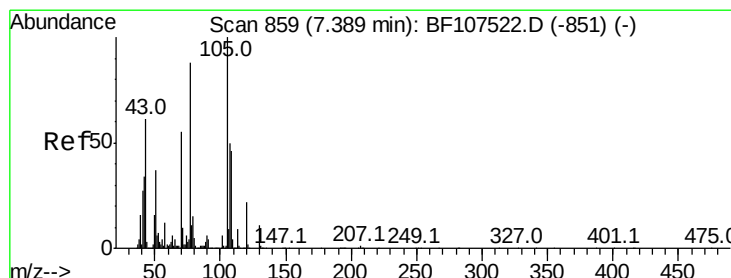
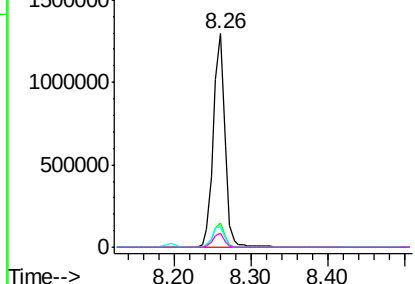
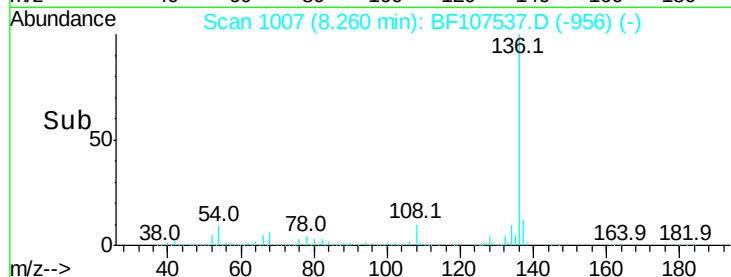
Tot Ion	136	137	54	68
Ratio	100	11.6	9.6	6.4
Lower		8.9	6.6	5.0
Upper		13.3	9.8	7.4

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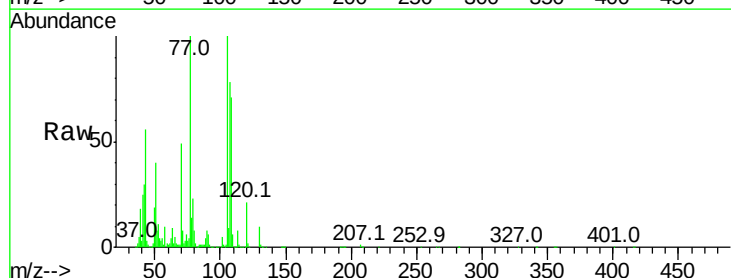


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

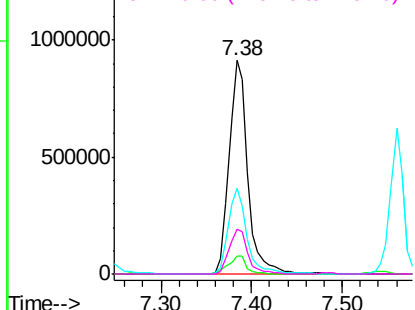
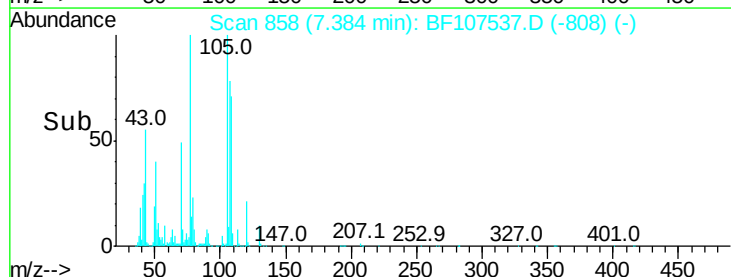


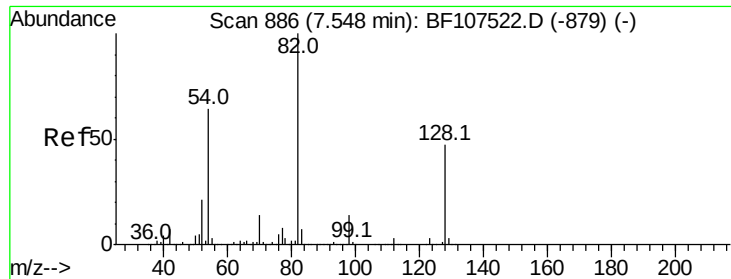
#22
Acetophenone
Concen: 42.120 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	105	71	51	120
Ratio	100	8.4	40.2	20.8
Lower		4.4	22.3	16.9
Upper		6.6#	33.5#	25.3



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





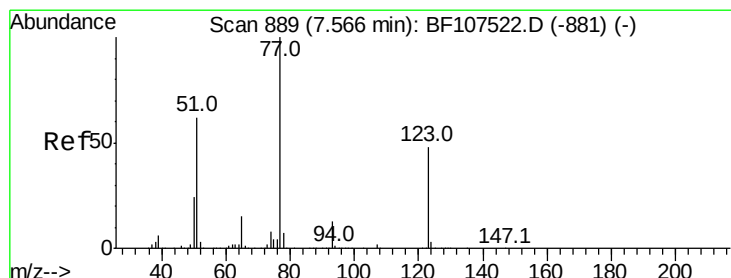
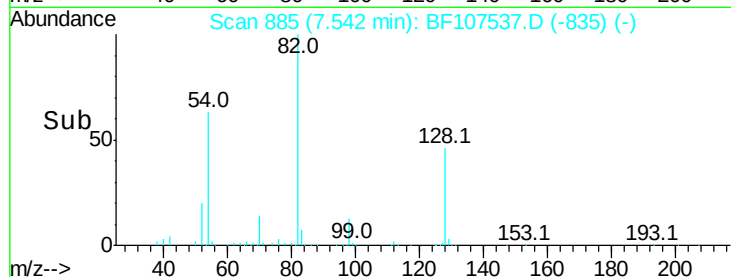
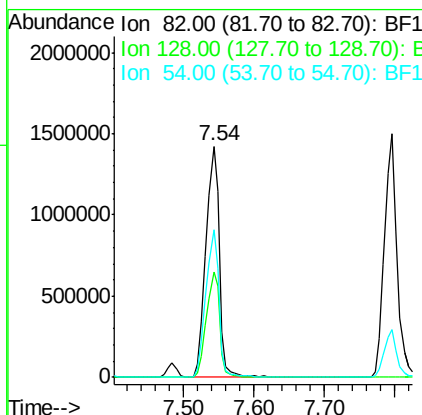
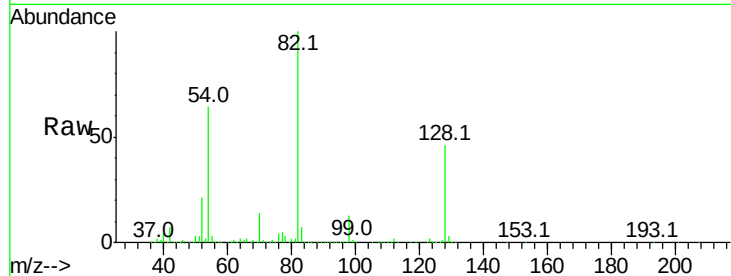
#23
Nitrobenzene-d5
Concen: 96.871 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	63.9	41.4	62.2

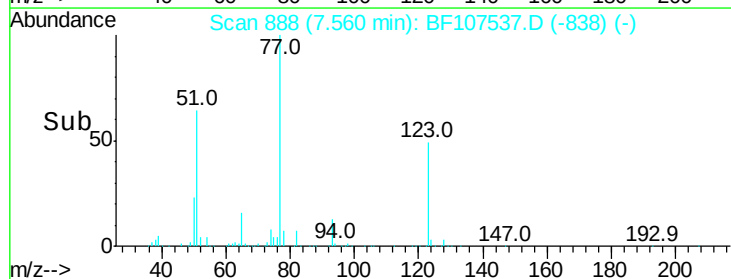
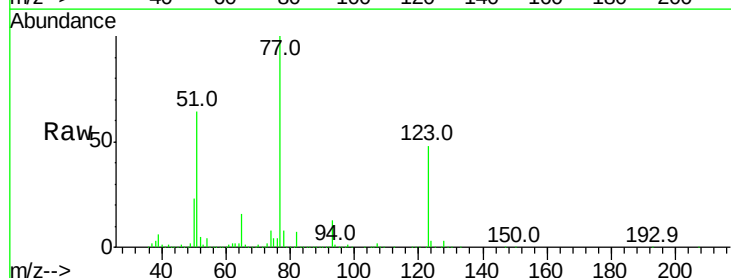
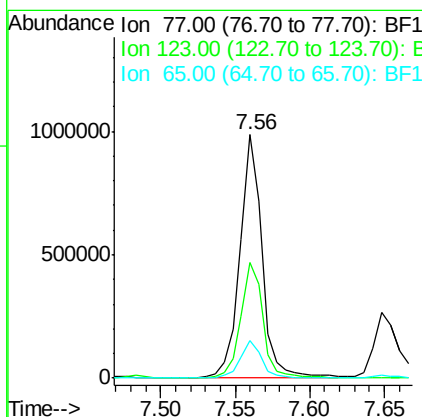
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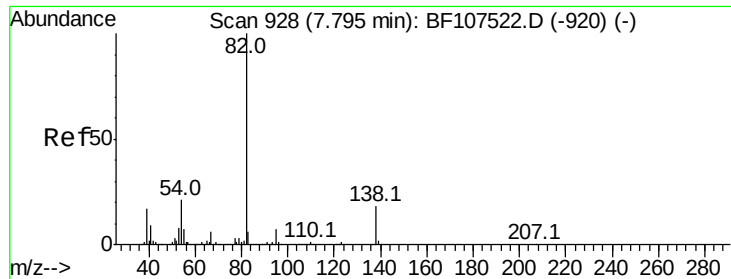
Sohil
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#24
Nitrobenzene
Concen: 45.304 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	37.9	56.9
65	15.5	11.0	16.4





#25

Isophorone

Concen: 45.088 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

ClientSampleId :

161-TP-1MSD

Tot Ion: 82 Resp: 1880729

Ion Ratio Lower Upper

82 100

95 7.4 5.2 7.8

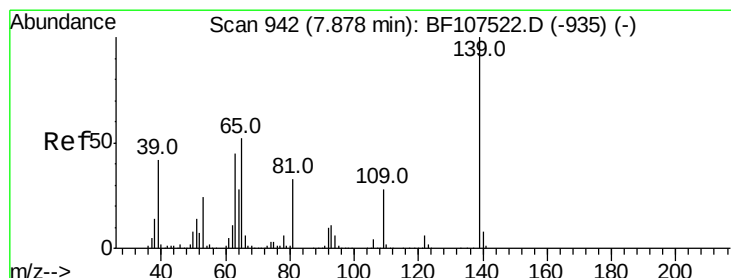
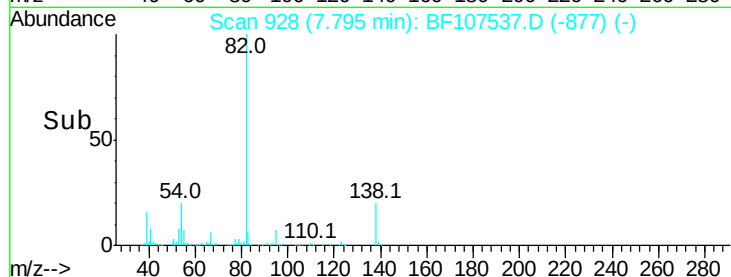
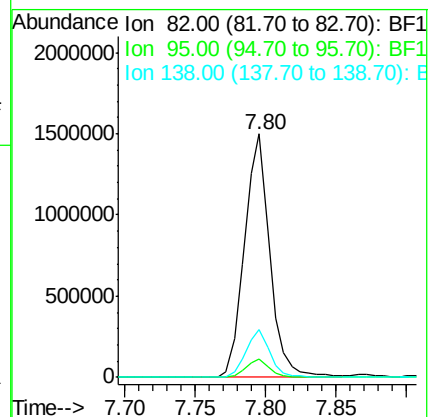
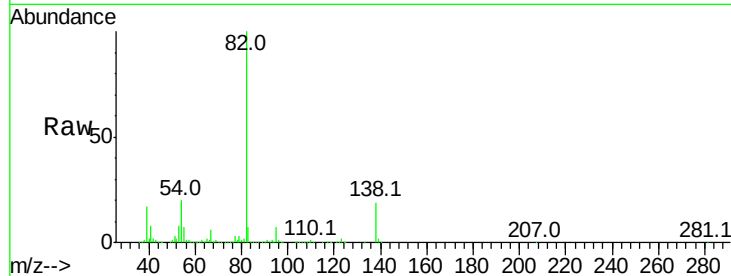
138 19.4 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.673 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

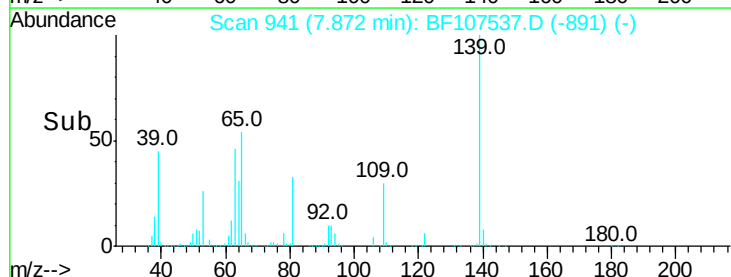
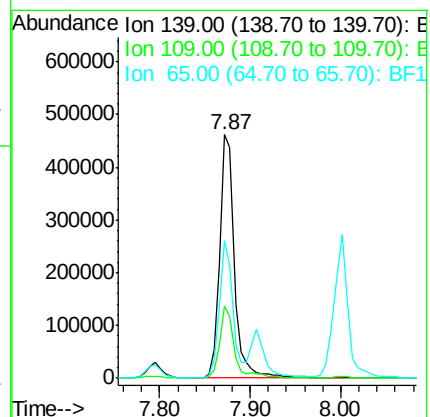
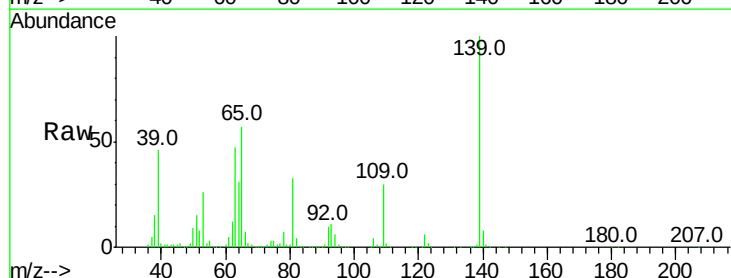
Tgt Ion: 139 Resp: 516611

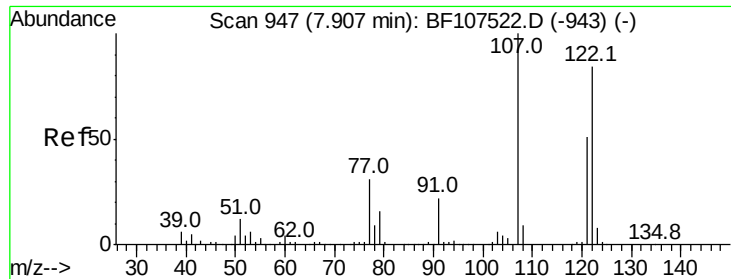
Ion Ratio Lower Upper

139 100

109 29.6 22.7 34.1

65 56.6 40.5 60.7





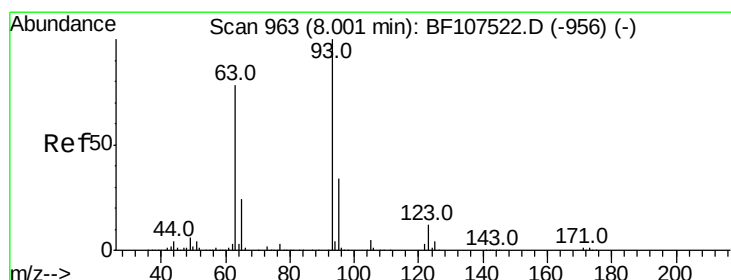
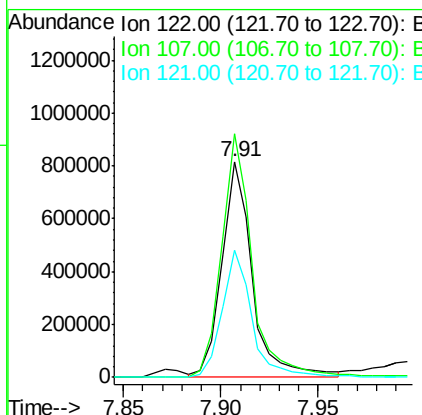
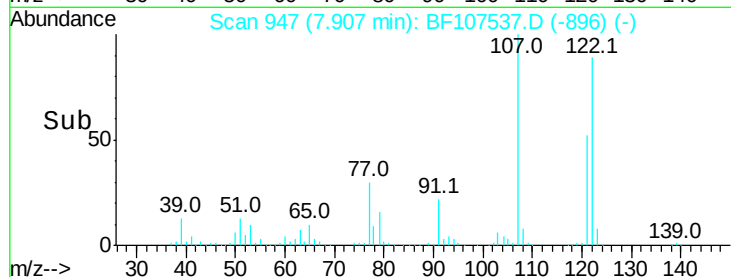
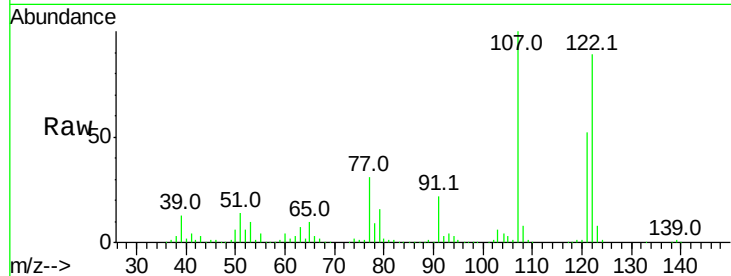
#27
 2,4-Dimethylphenol
 Concen: 49.560 ng
 RT: 7.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	886419		
107	112.9		91.2	136.8
121	58.9		47.2	70.8

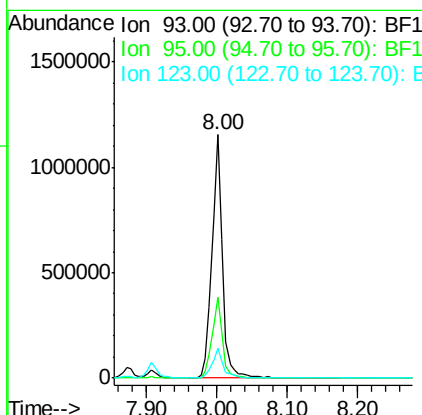
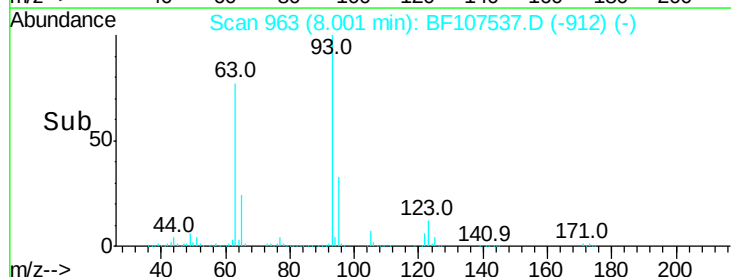
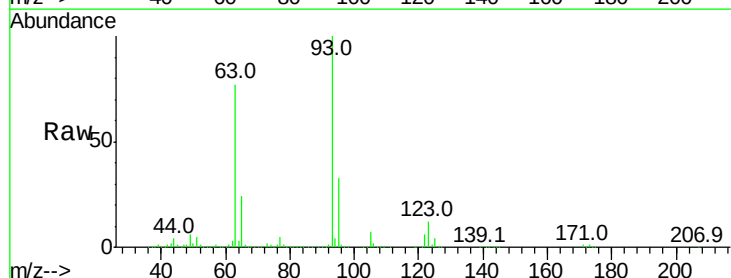
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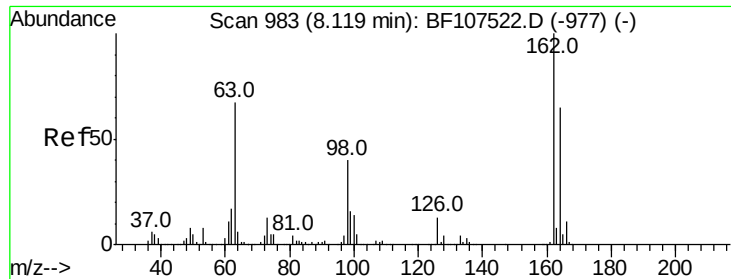
Sohil
 7/23/2018 12:44:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.126 ng
 RT: 8.00 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1202173		
95	33.3		26.3	39.5
123	12.0		9.8	14.6





#29

2,4-Dichlorophenol

Concen: 46.049 ng

RT: 8.12 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

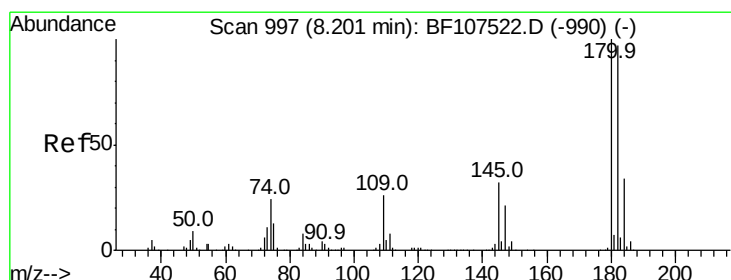
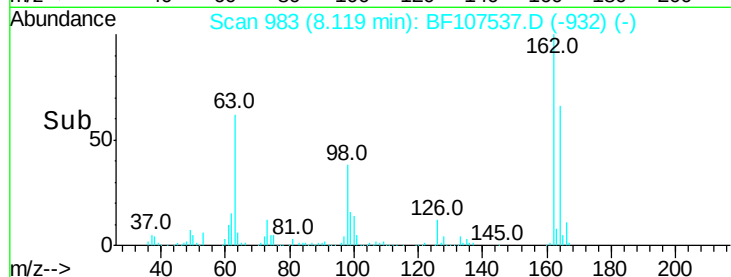
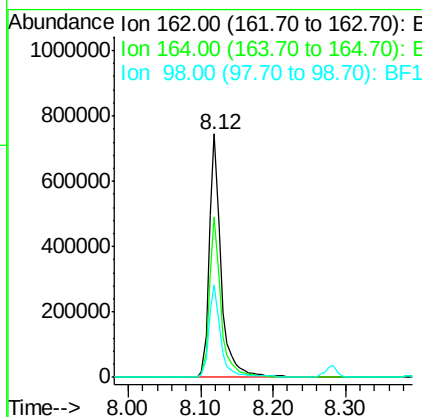
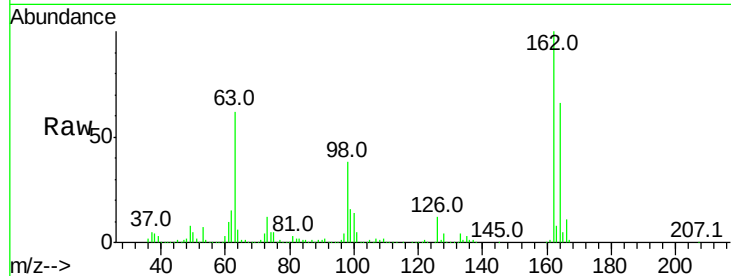
ClientSampled :

161-TP-1MSD

Tot Ion:	162	Resp:	841835
Ion Ratio	Lower	Upper	
162	100		
164	65.6	42.7	82.7
98	37.9	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 40.931 ng

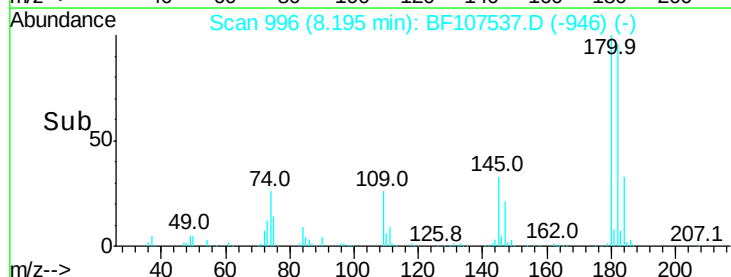
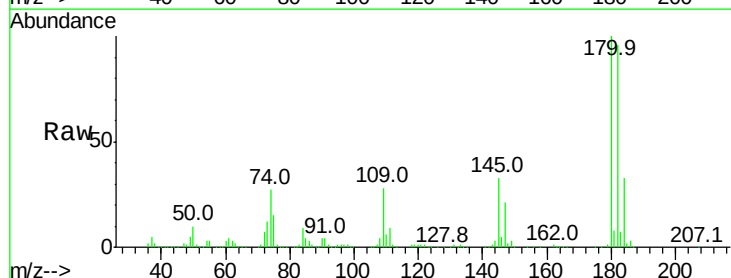
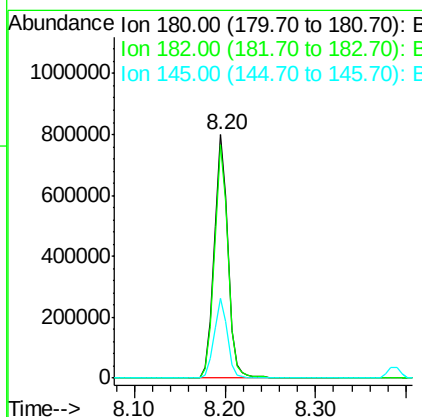
RT: 8.20 min Scan# 996

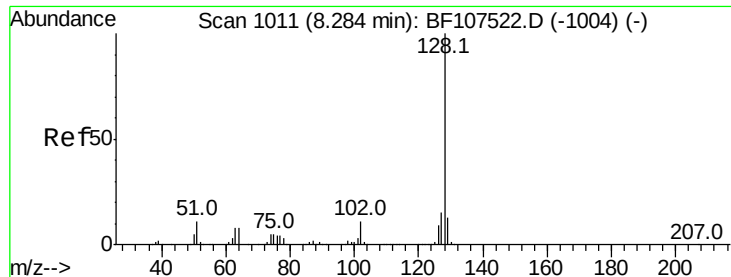
Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion:	180	Resp:	840429
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.8	115.2
145	32.9	26.5	39.7





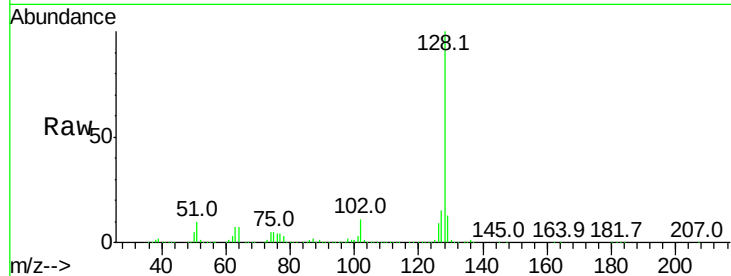
#31
Naphthalene
Concen: 44.504 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	8.8	13.2
127	15.2	10.9	16.3

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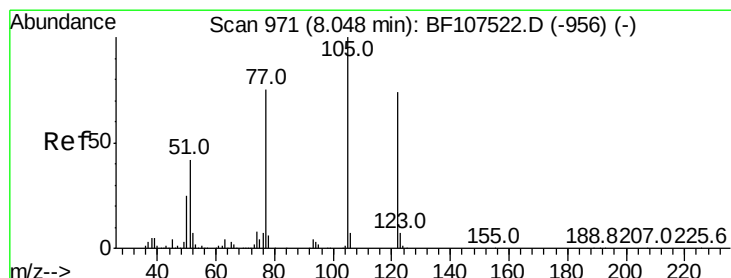
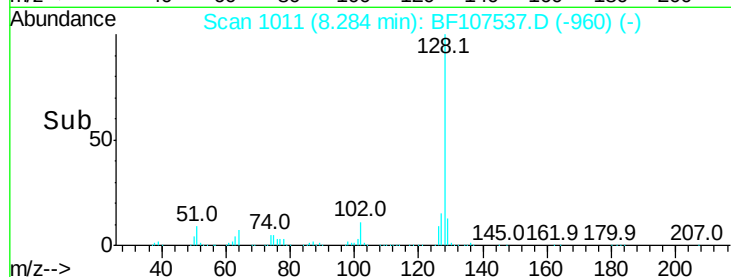
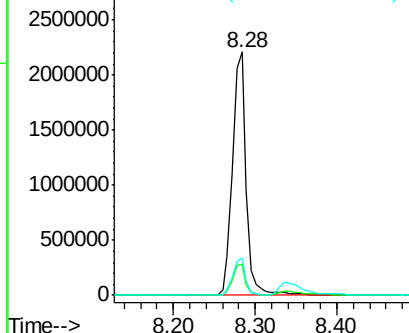


Abundance

Ion 128.00 (127.70 to 128.70): E

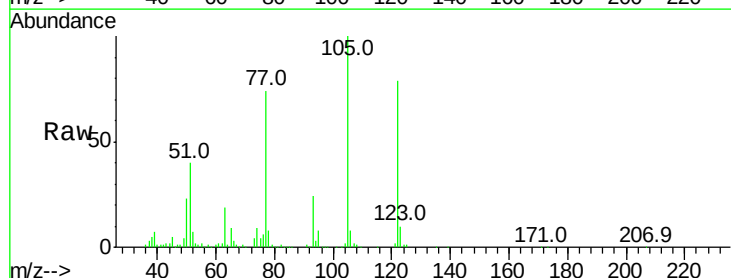
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.301 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.9	101.1	141.1
77	93.4	70.7	110.7

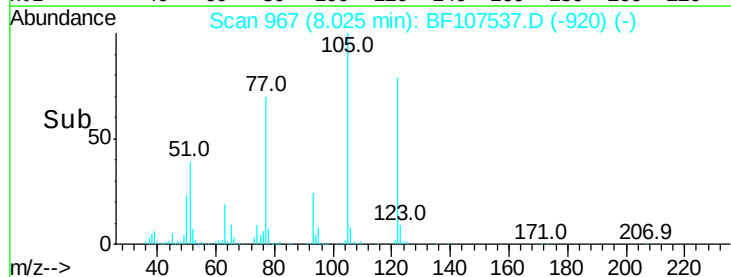
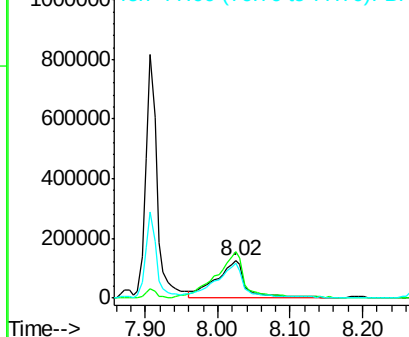


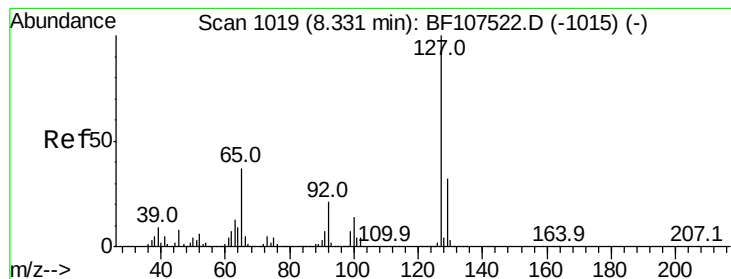
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 9.010 ng

RT: 8.34 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

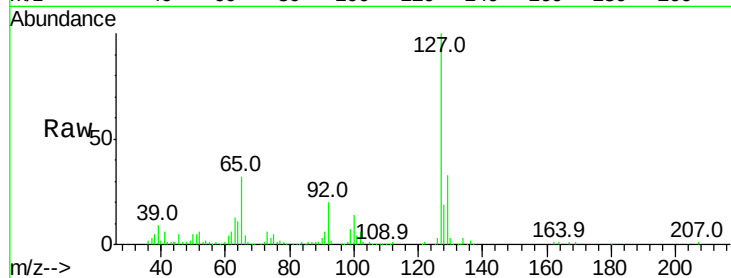
ClientSampleId :

161-TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	25.9	38.9	
65	31.5	25.0	37.4	
92	20.0	15.2	22.8	

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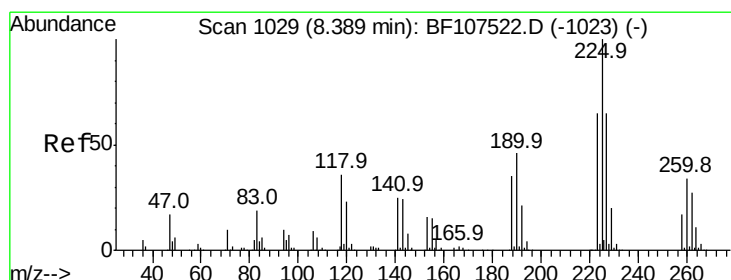
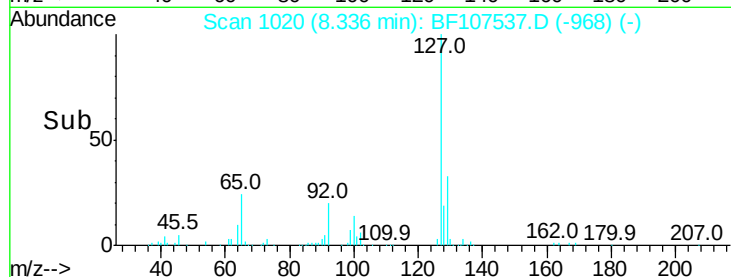
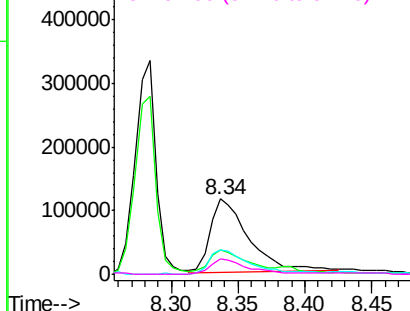
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.772 ng

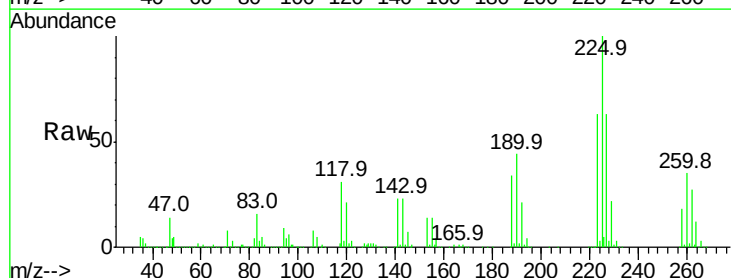
RT: 8.39 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	50.6	76.0	
227	63.5	51.9	77.9	

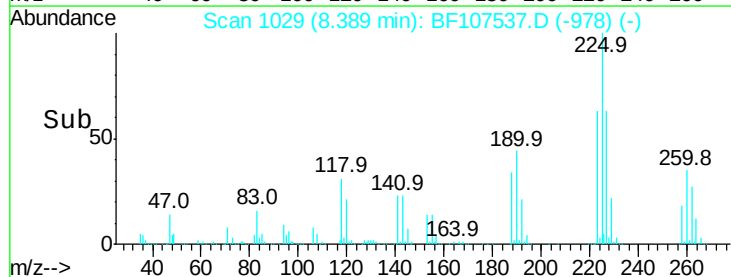
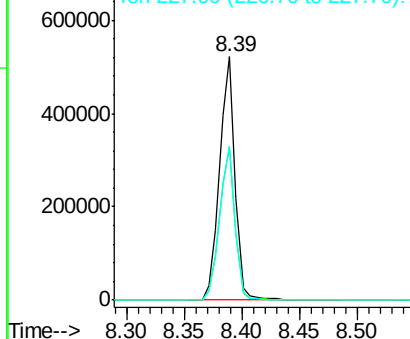


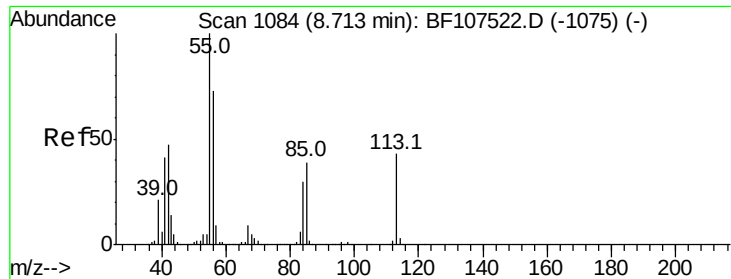
Abundance

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: 44.590 ng/ml

RT: 8.71 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

ClientSampleId :

161-TP-1MSD

Tot Ion:113 Resp: 265142

Ion Ratio Lower Upper

113 100

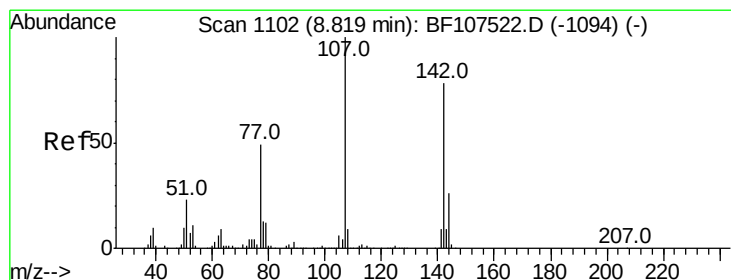
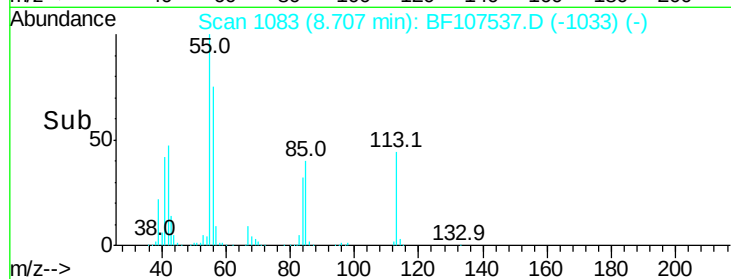
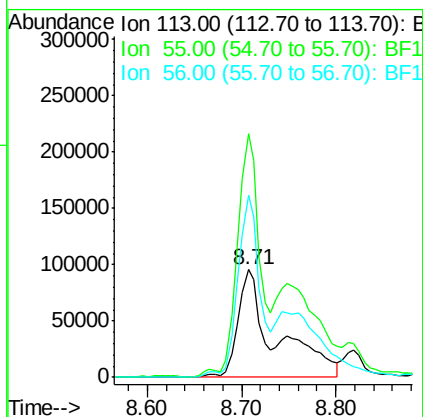
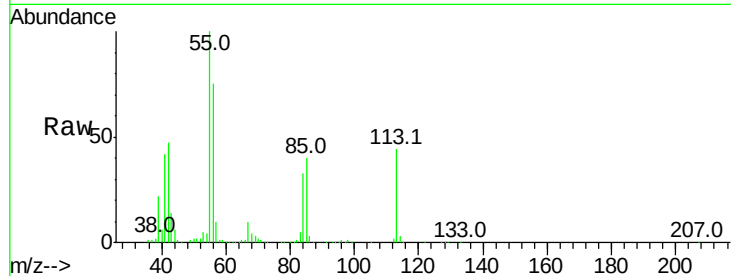
55 226.2 163.3 203.3#

56 168.9 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 45.428 ng/ml

RT: 8.82 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

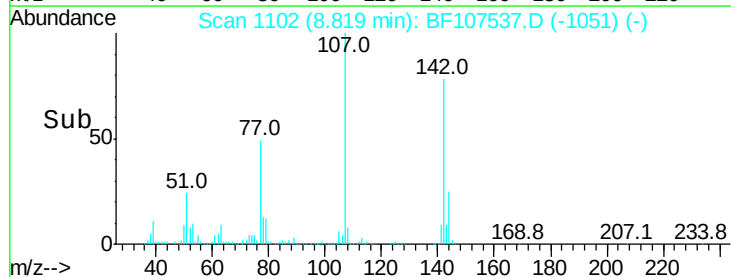
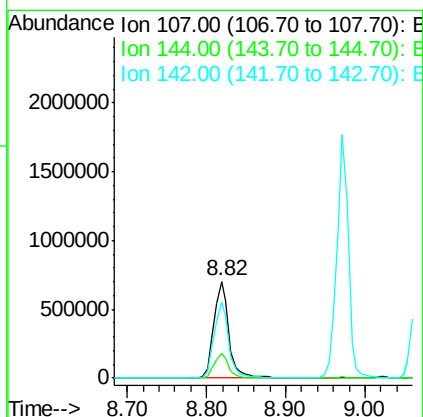
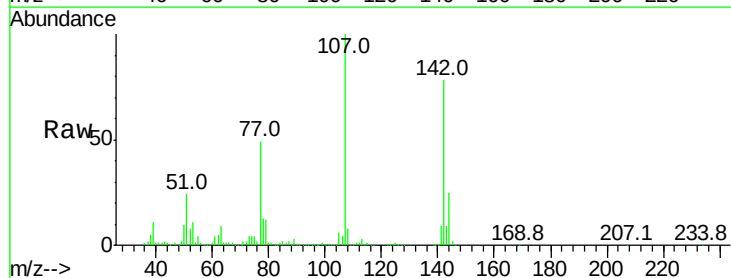
Tgt Ion:107 Resp: 922510

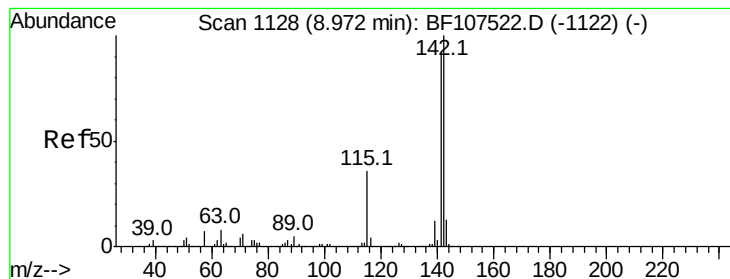
Ion Ratio Lower Upper

107 100

144 25.2 20.5 30.7

142 78.4 62.0 93.0





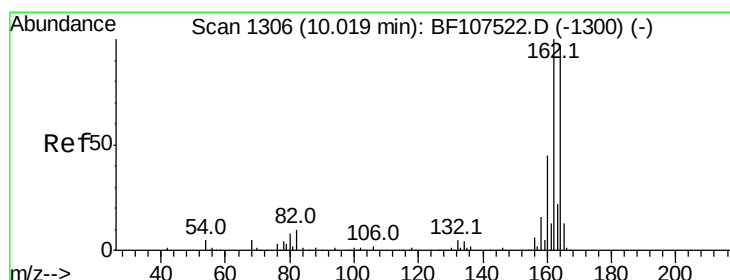
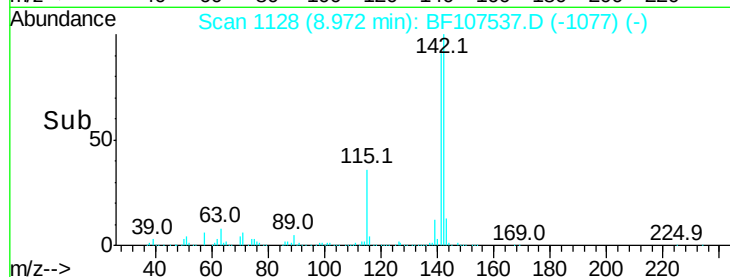
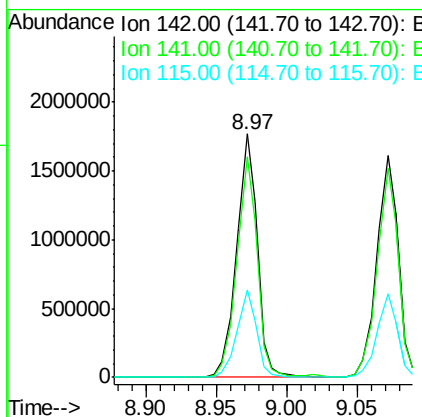
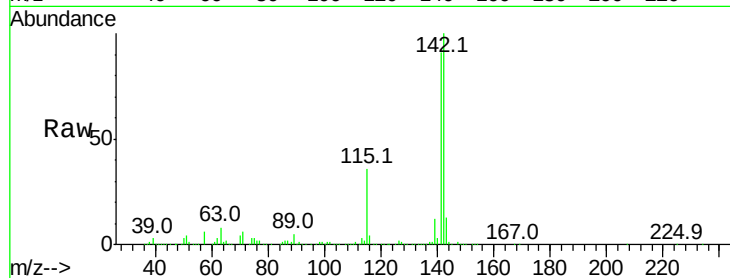
#37
2-Methylnaphthalene
Concen: 44.940 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.8	106.2
115	36.0	26.1	39.1

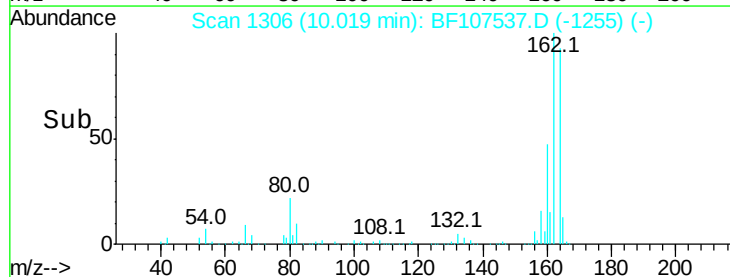
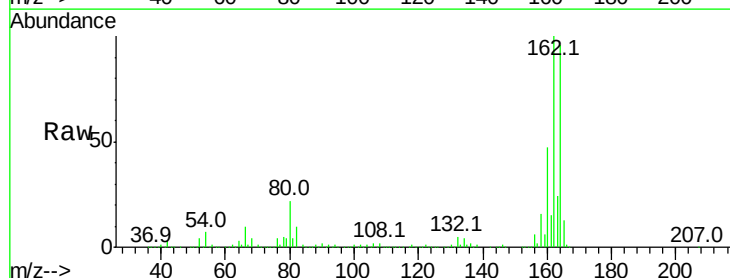
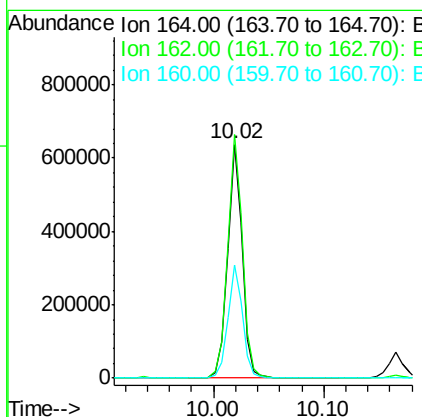
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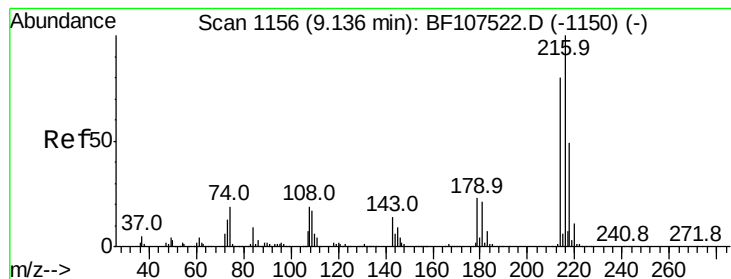
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.114 ng

RT: 9.14 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

ClientSampleId :

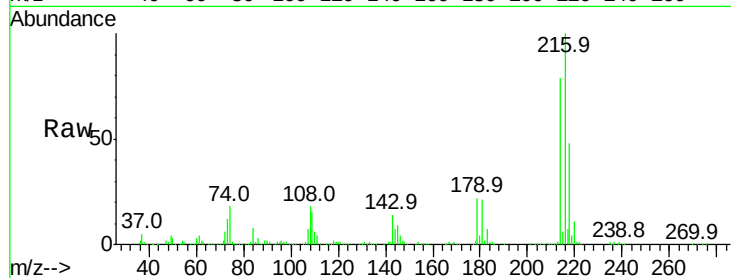
161-TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	836017		
214	78.5	63.0	94.4	
179	21.5	18.1	27.1	
108	20.6	17.2	25.8	

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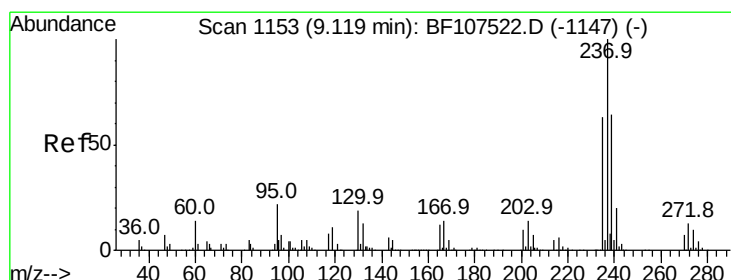
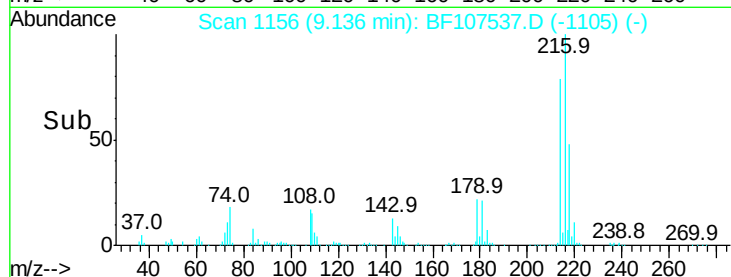
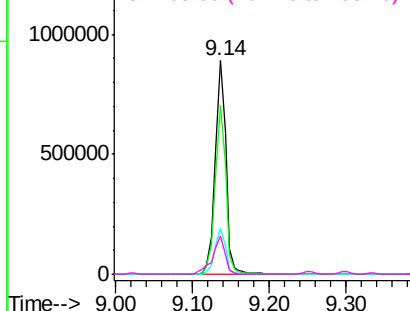


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.012 ng

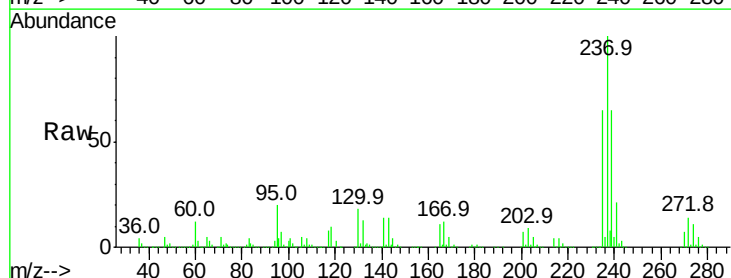
RT: 9.12 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

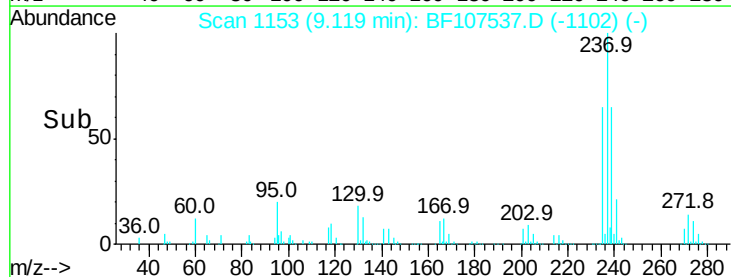
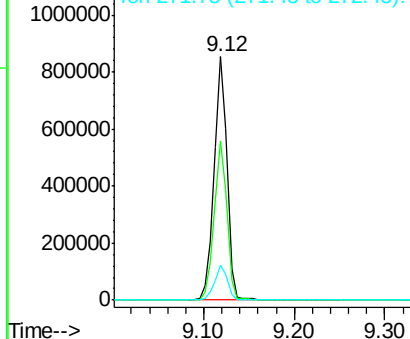
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	847777		
235	65.2	44.8	84.8	
272	14.4	0.0	33.3	

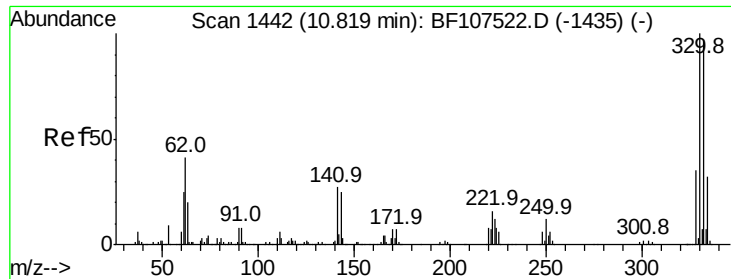


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 127.451 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

ClientSampled :

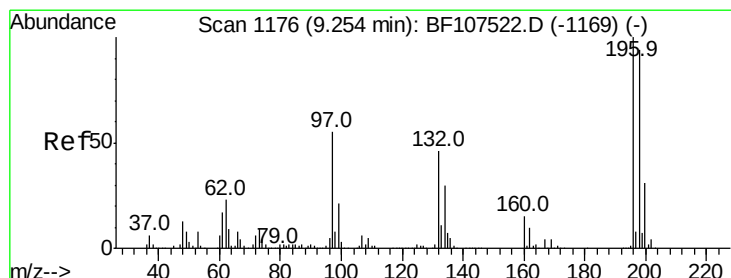
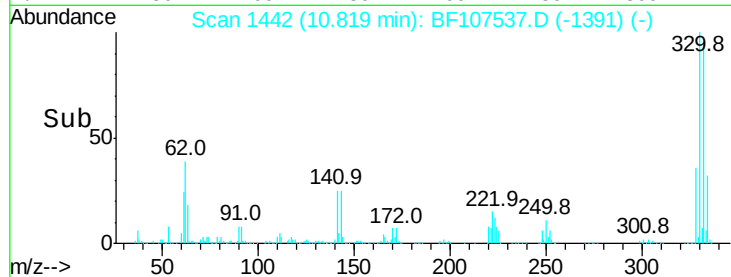
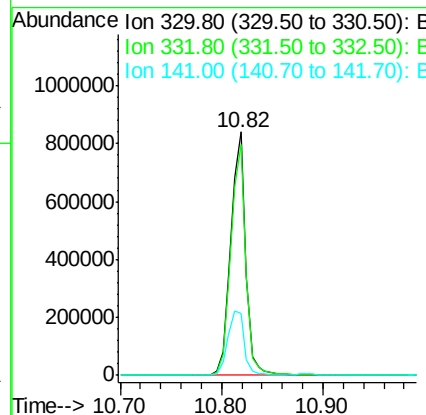
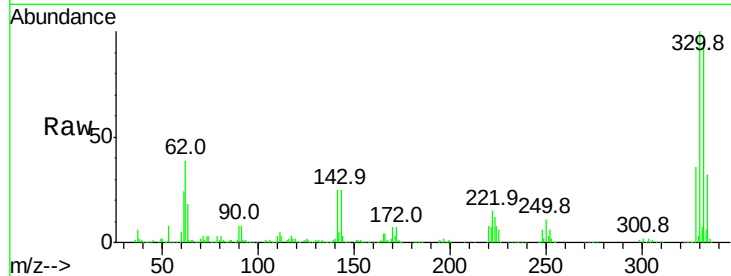
161-TP-1MSD

Tot Ion:	330	Resp:	862575
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	29.4	29.9	44.9#

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#42

2,4,6-Trichlorophenol

Concen: 45.211 ng

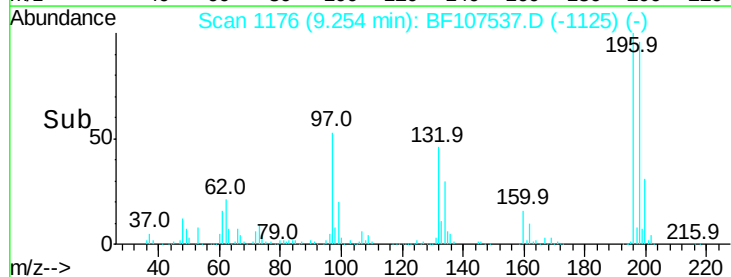
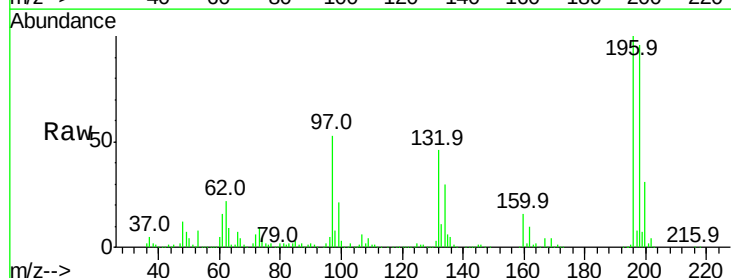
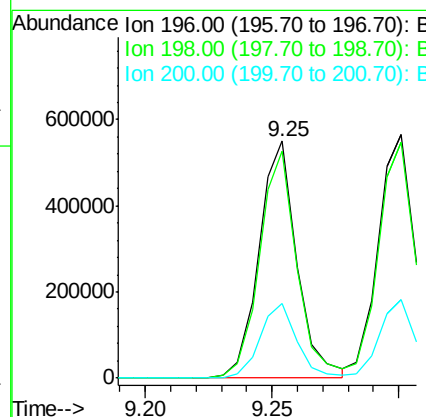
RT: 9.25 min Scan# 1176

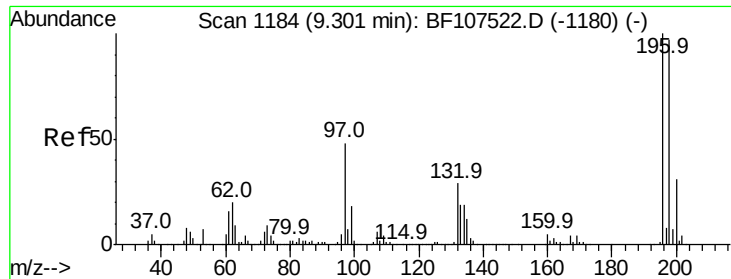
Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion:	196	Resp:	574472
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.7	113.5
200	31.5	24.5	36.7





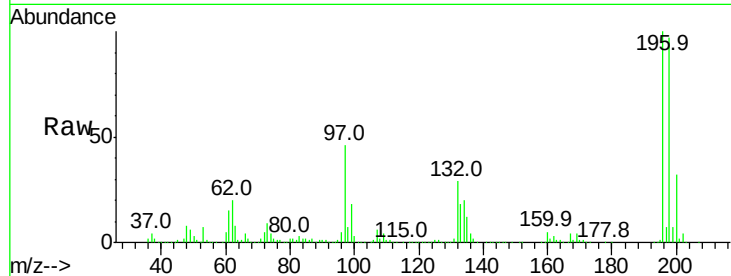
#43
 2,4,5-Trichlorophenol
 Concen: 46.597 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	618811		
198	96.7	74.6	112.0	
97	46.0	42.9	64.3	
132	29.1	26.3	39.5	

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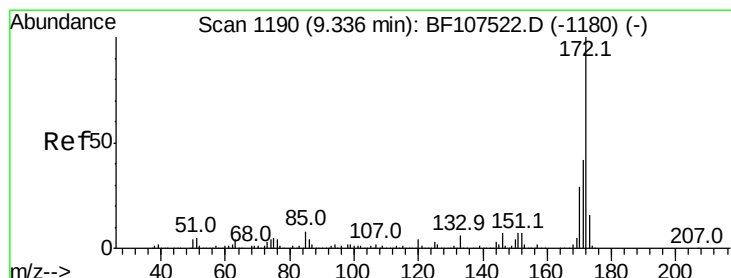
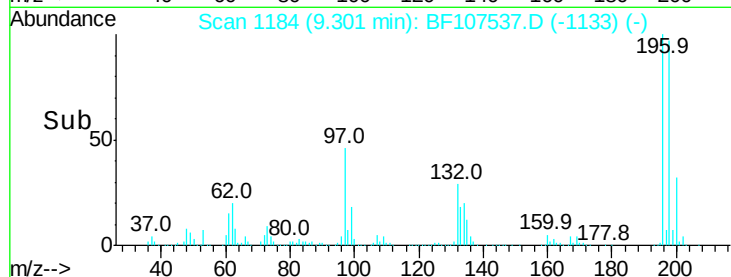
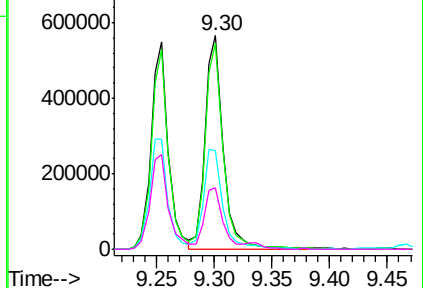
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.224 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

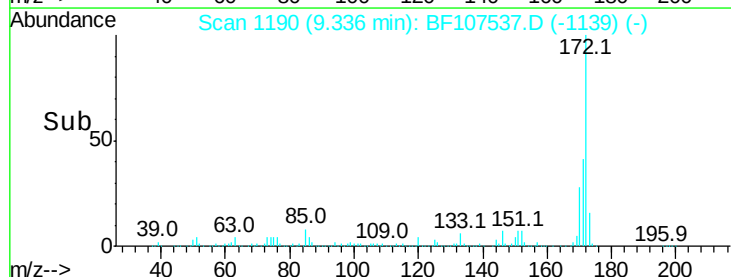
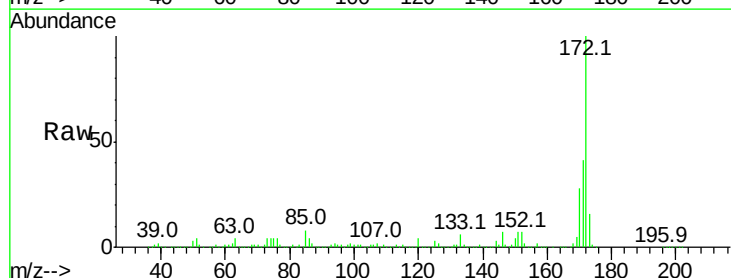
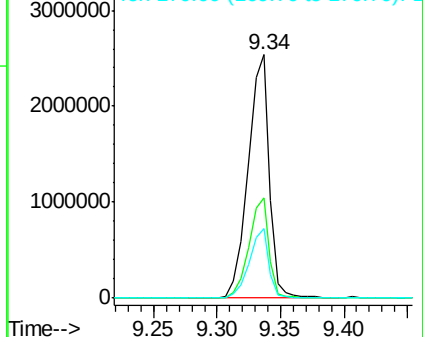
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2959522		
171	41.4	29.7	44.5	
170	28.4	19.6	29.4	

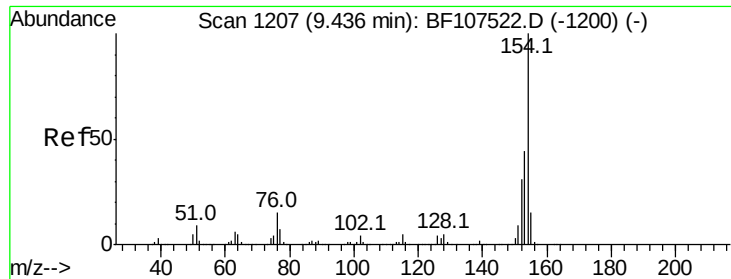
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.923 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

ClientSampleId :

161-TP-1MSD

Tot Ion:154 Resp: 2121693

Ion Ratio Lower Upper

154 100

153 44.5 21.3 61.3

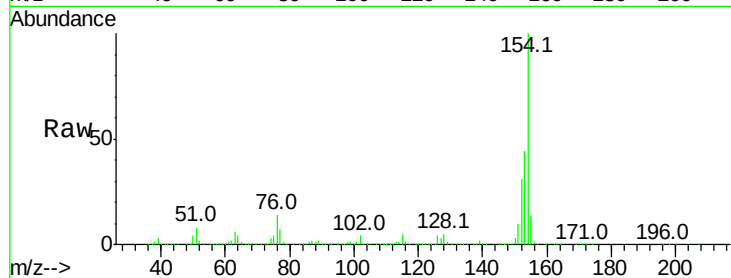
76 14.0 0.0 34.0

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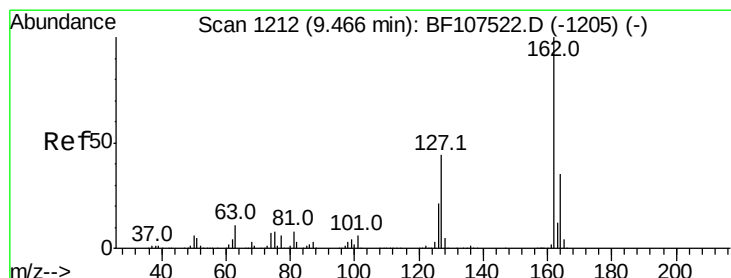
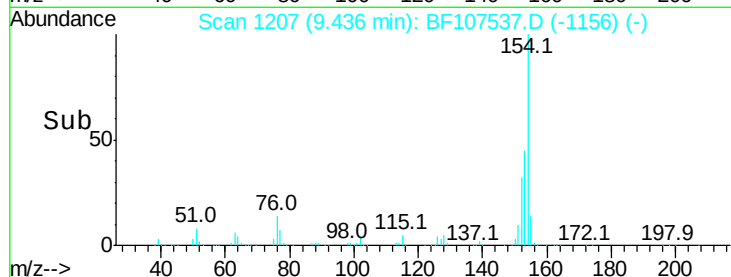
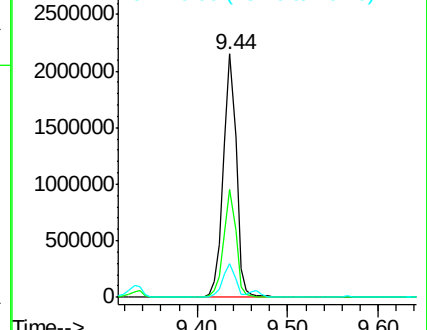
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 40.714 ng

RT: 9.47 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

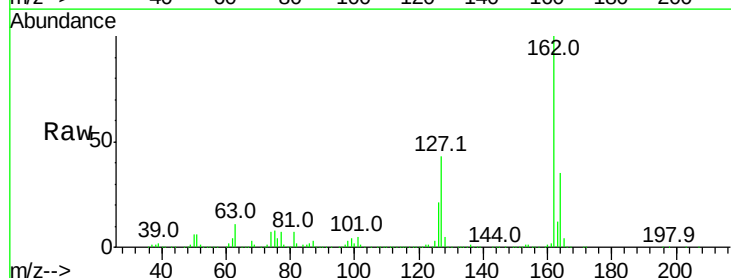
Tgt Ion:162 Resp: 1613463

Ion Ratio Lower Upper

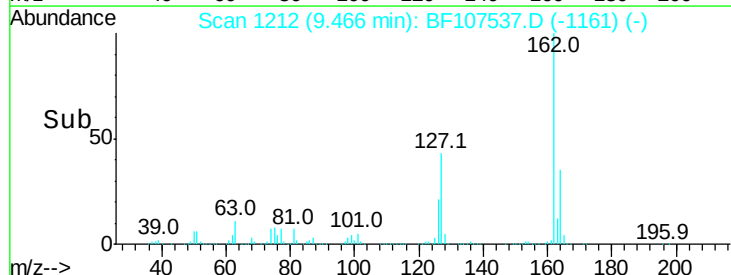
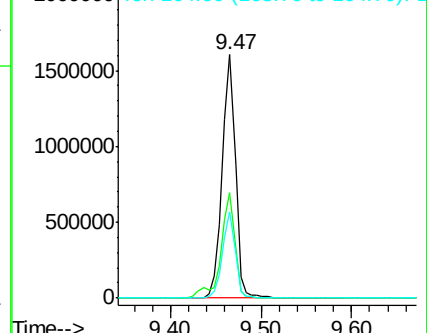
162 100

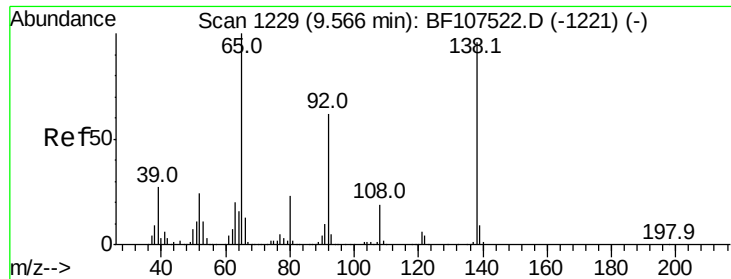
127 43.0 33.9 50.9

164 35.2 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: 50.914 ng

RT: 9.57 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

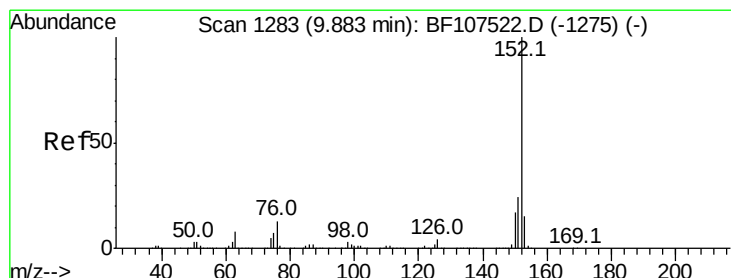
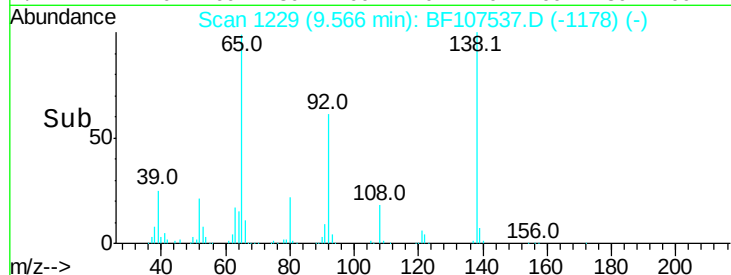
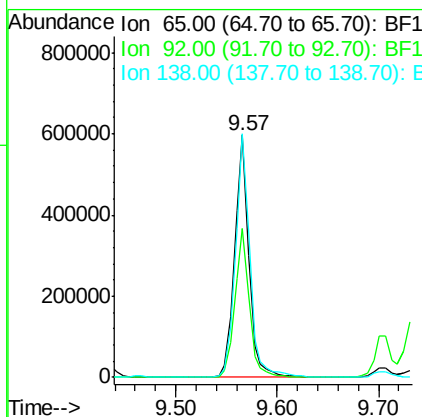
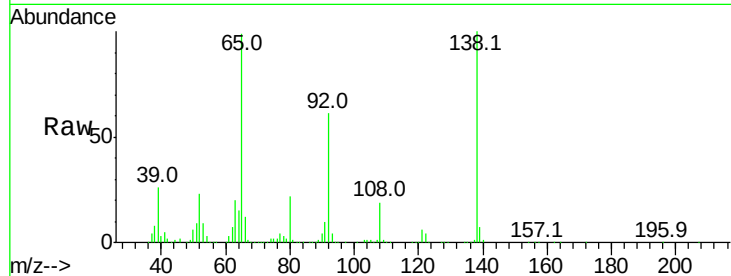
ClientSampleId :

161-TP-1MSD

Tot Ion:	65	Resp:	588223
Ion Ratio	Lower	Upper	
65	100		
92	61.7	55.8	83.6
138	100.6	91.2	136.8

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#48

Acenaphthylene

Concen: 43.169 ng

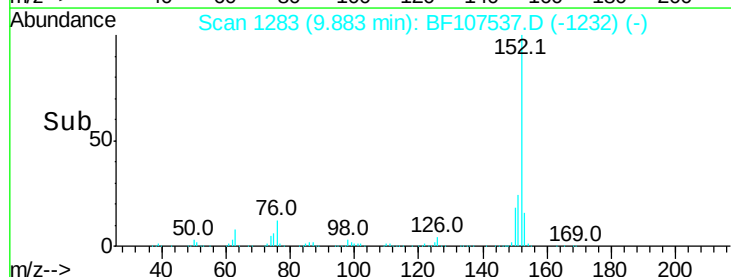
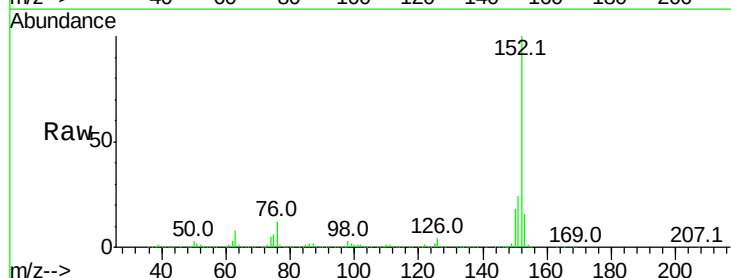
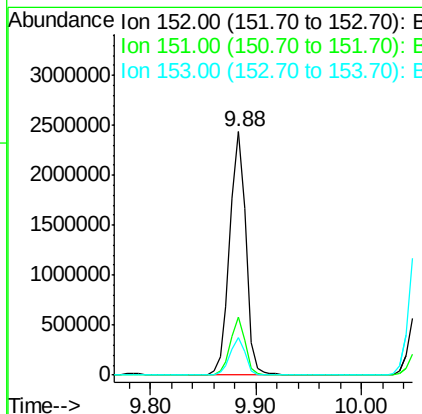
RT: 9.88 min Scan# 1283

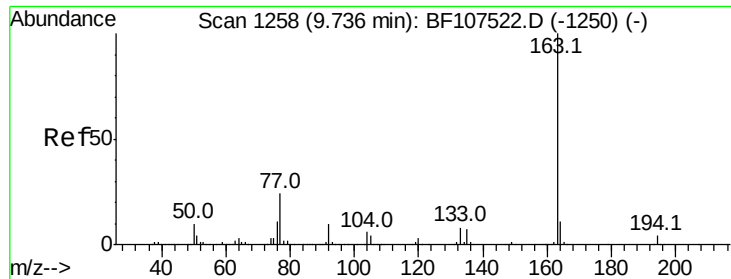
Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion:	152	Resp:	2569911
Ion Ratio	Lower	Upper	
152	100		
151	24.0	16.3	24.5
153	15.6	10.7	16.1





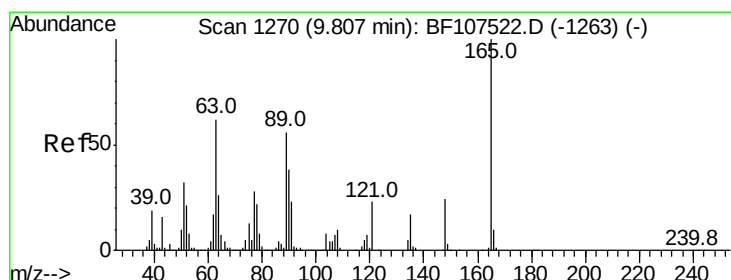
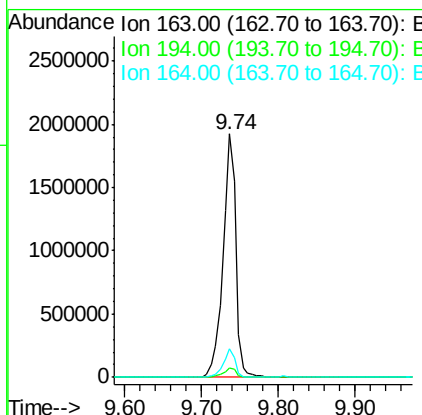
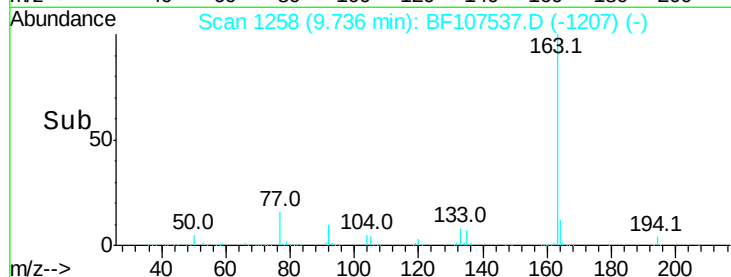
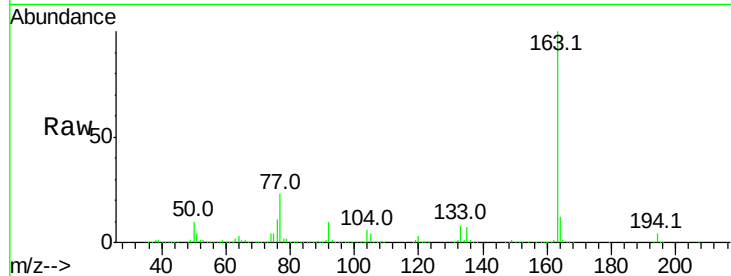
#49
 Dimethylphthalate
 Concen: 49.310 ng
 RT: 9.74 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampled :
 161-TP-1MSD

Tot Ion:	163	Resp:	2211812
Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	11.6	8.2	12.2

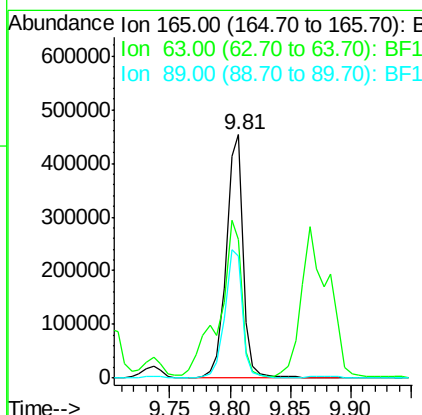
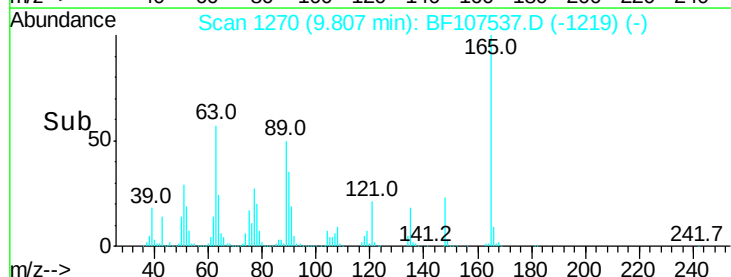
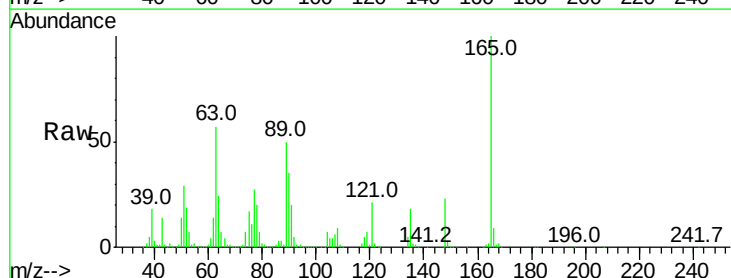
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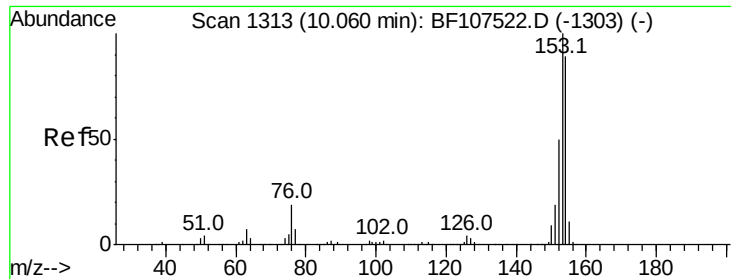
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#50
 2,6-Dinitrotoluene
 Concen: 49.278 ng
 RT: 9.81 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Tgt Ion:	165	Resp:	438849
Ion	Ratio	Lower	Upper
165	100		
63	56.8	44.7	67.1
89	50.1	44.0	66.0





#51

Acenaphthene

Concen: 40.465 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

ClientSampleId :

161-TP-1MSD

Tot Ion:154 Resp: 1509304

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

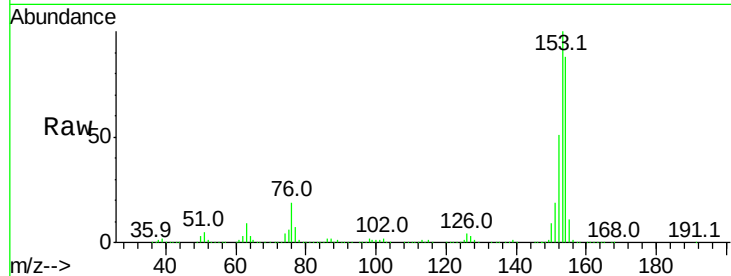
152 57.5 43.8 65.8

Manual Integrations

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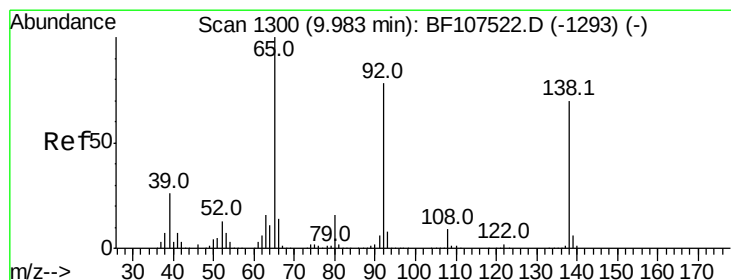
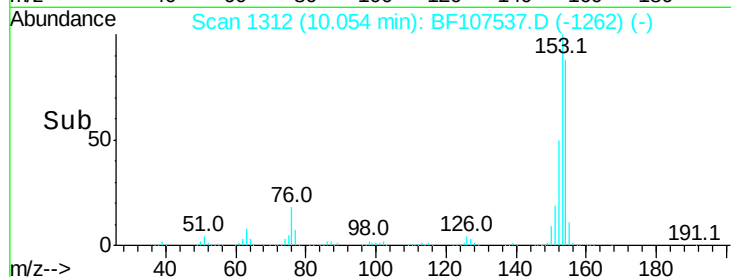
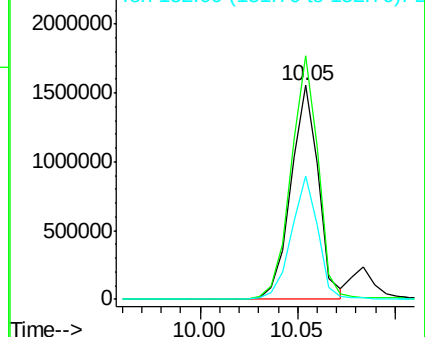
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.041 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

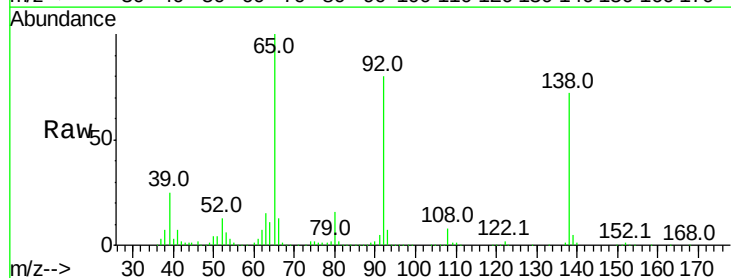
Tgt Ion:138 Resp: 271296

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.0

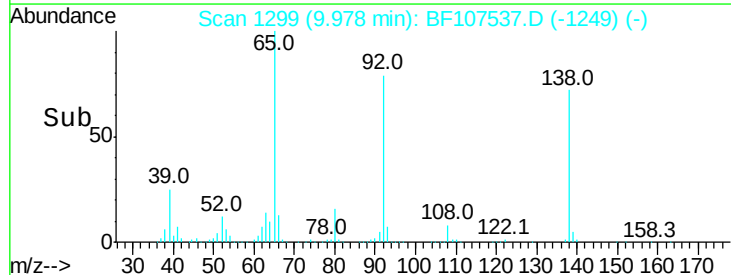
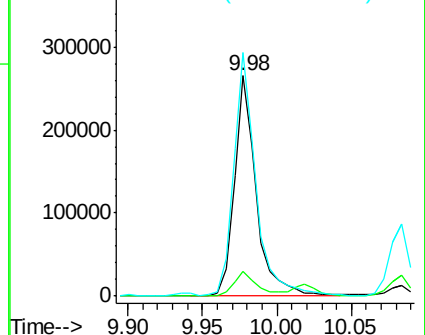
92 110.5 89.4 134.2

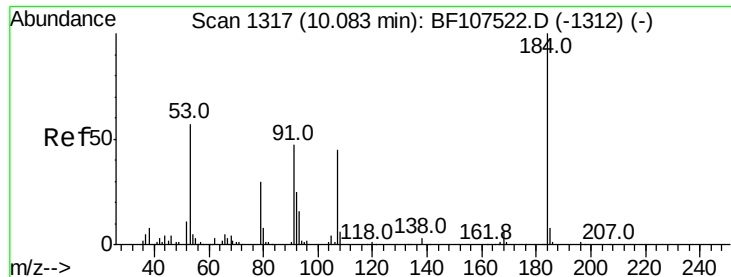


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





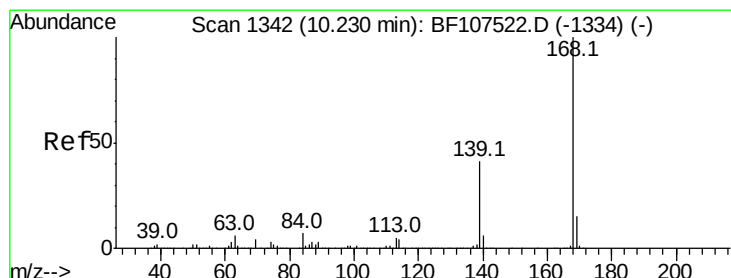
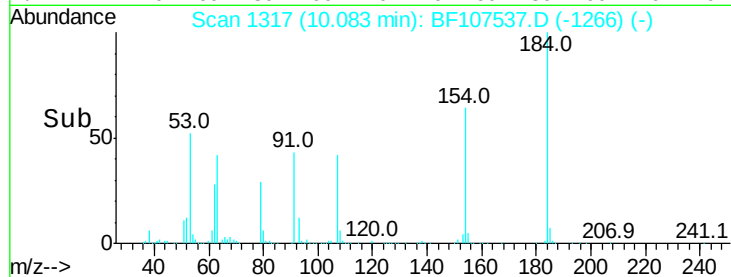
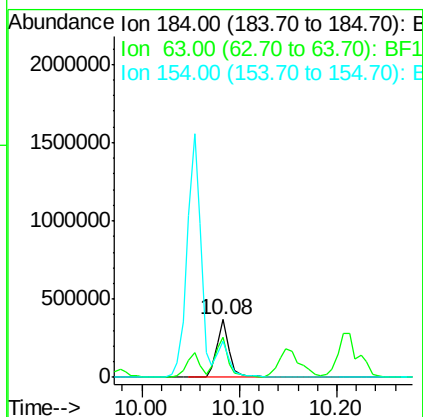
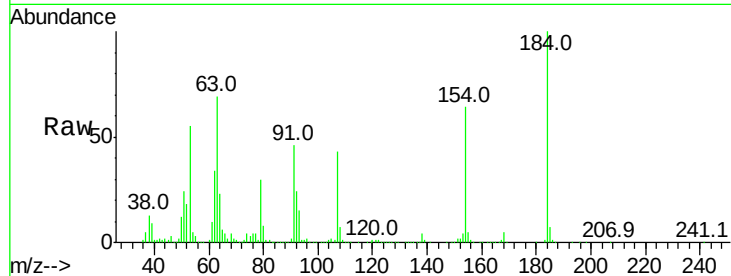
#53
2,4-Dinitrophenol
Concen: 79.766 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.7	54.2	81.2
154	64.0	184.0	276.0#

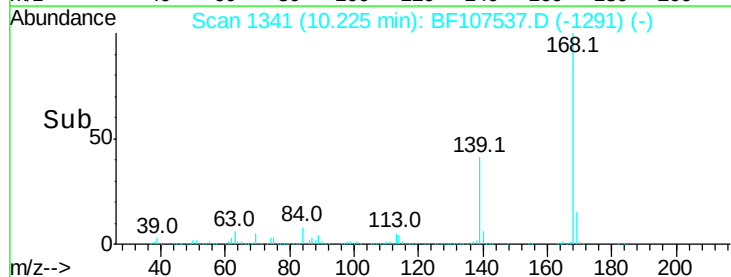
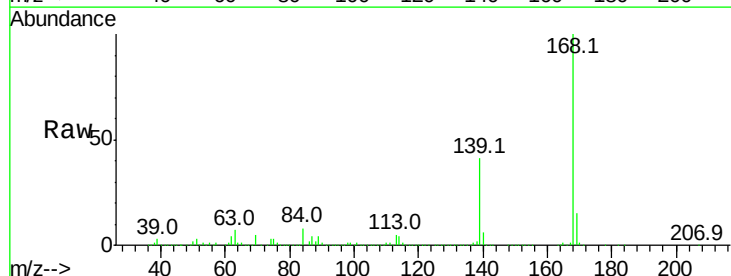
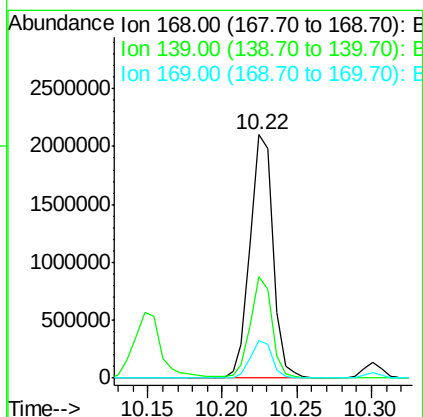
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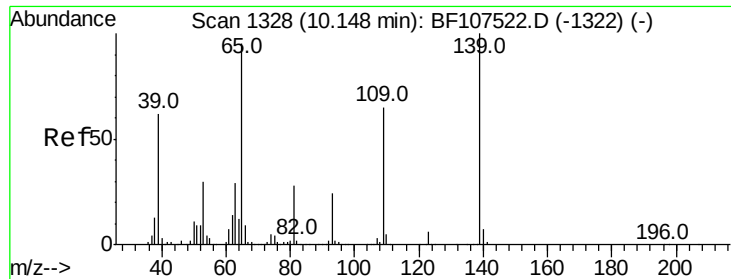
Sohil
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#54
Dibenzofuran
Concen: 40.711 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	30.1	45.1
169	15.3	10.9	16.3





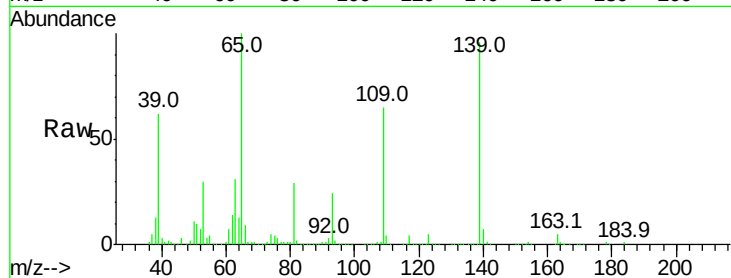
#55
4-Nitrophenol
Concen: 88.040 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.4	48.4	88.4
65	104.4	72.6	112.6

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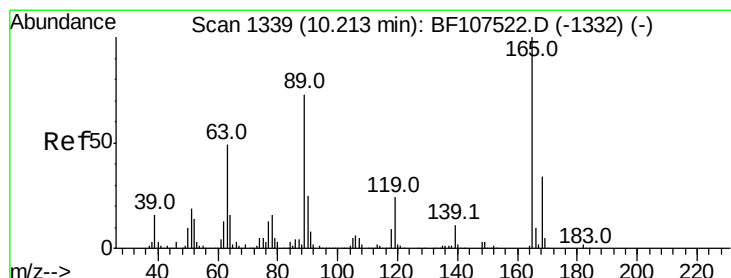
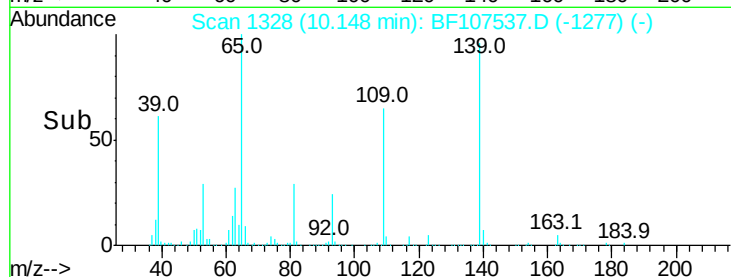
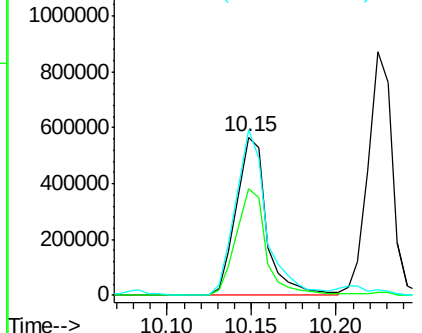


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 52.299 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	36.4	54.6
89	68.1	57.8	86.6
182	2.2	1.6	2.4

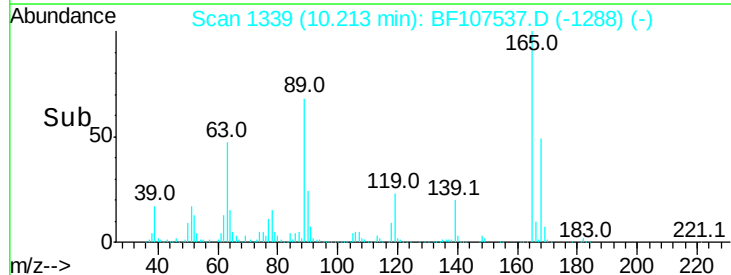
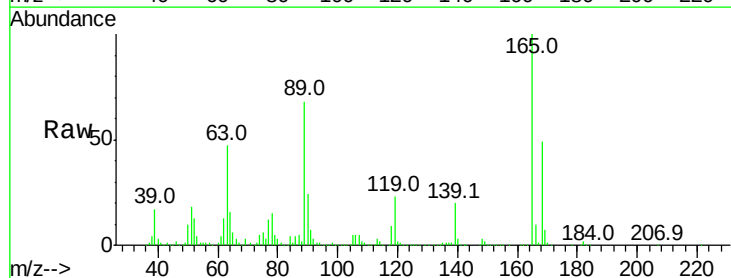
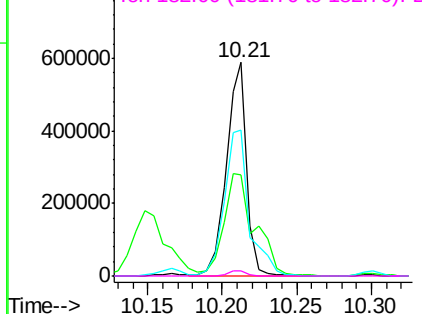
Abundance

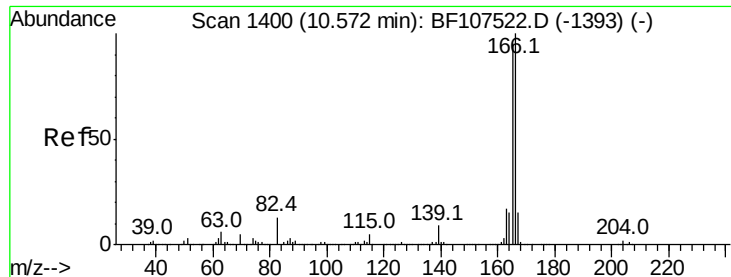
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





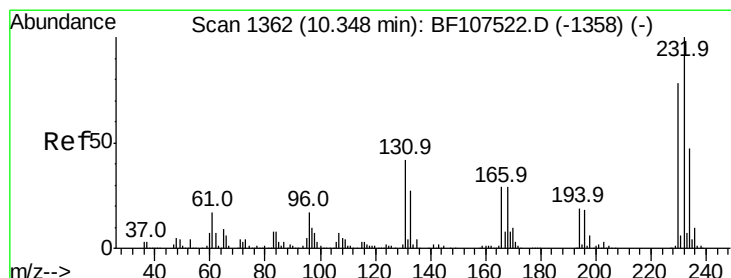
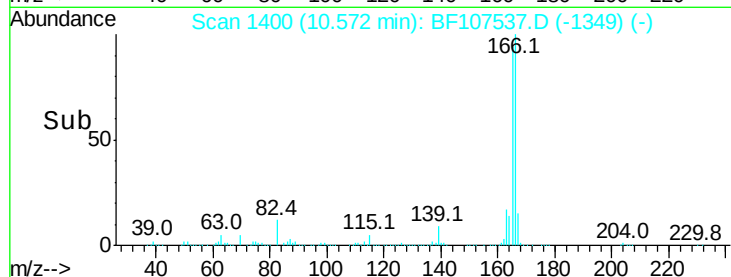
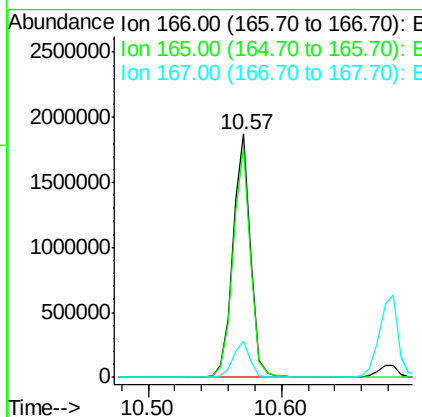
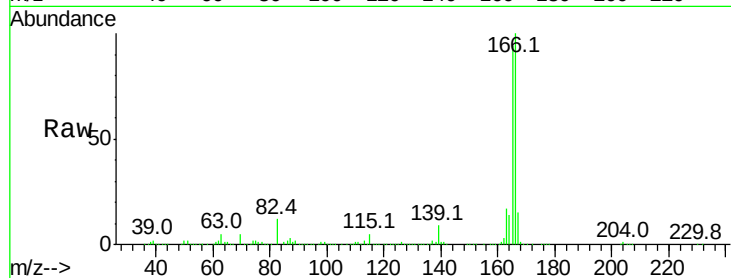
#57
 Fluorene
 Concen: 44.247 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.5	79.8	119.8
167	14.7	10.6	16.0

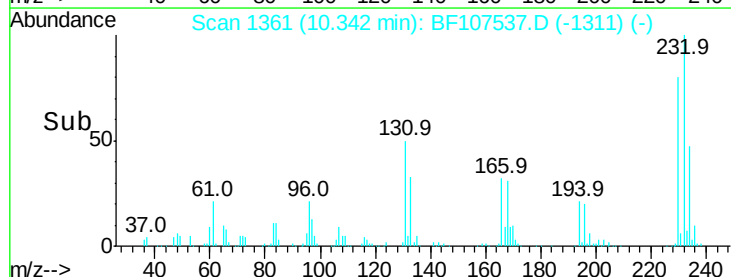
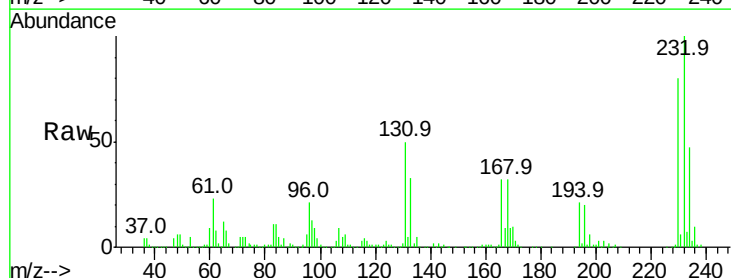
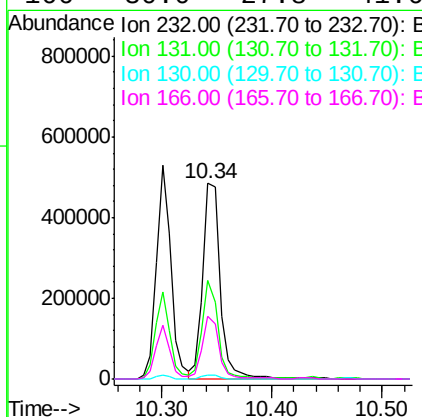
Manual Integrations
 APPROVED

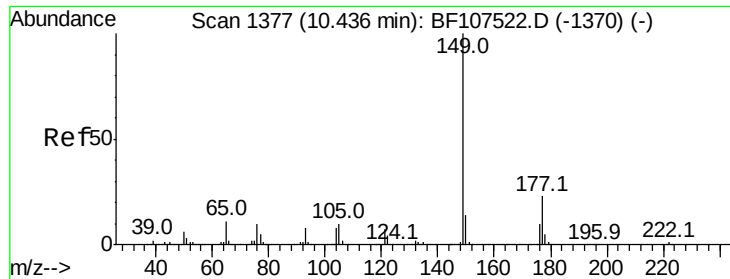
Sohil
 7/23/2018 12:44:41 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.050 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.9	43.8	65.8
130	1.9	2.1	3.1#
166	30.0	27.8	41.6





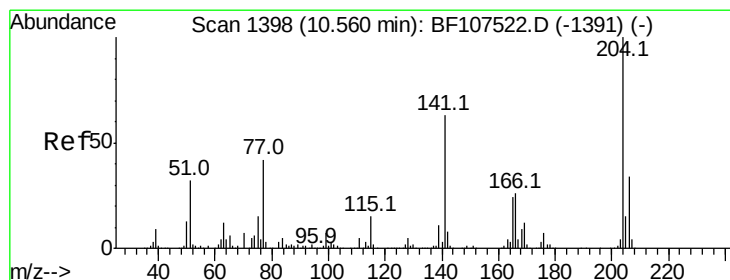
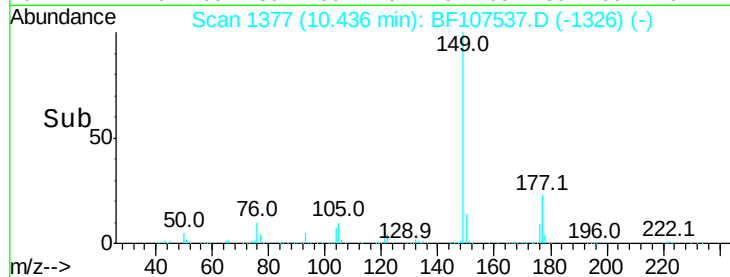
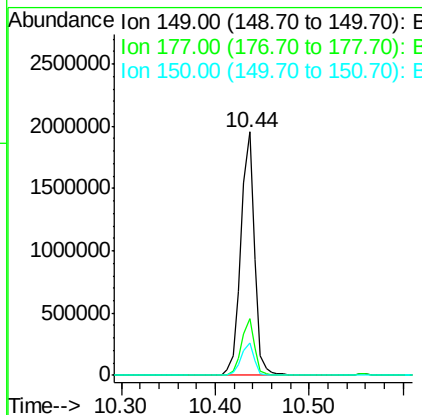
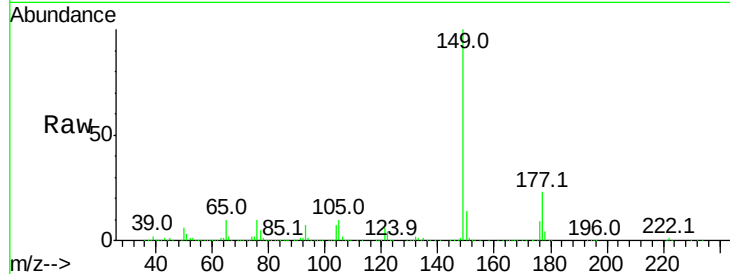
#59
Diethylphthalate
Concen: 42.309 ng
RT: 10.44 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampled :
161-TP-1MSD

Tot Ion:149 Resp: 1982033
Ion Ratio Lower Upper
149 100
177 23.3 16.1 24.1
150 13.5 10.1 15.1

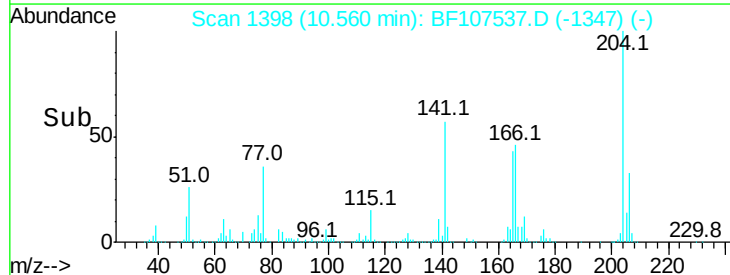
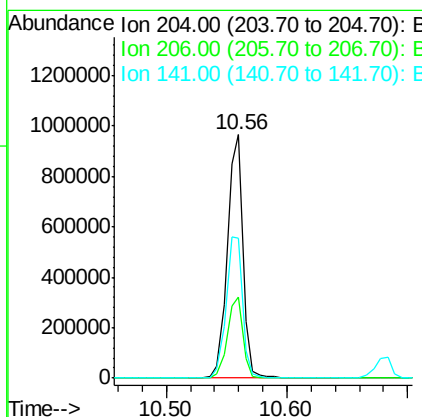
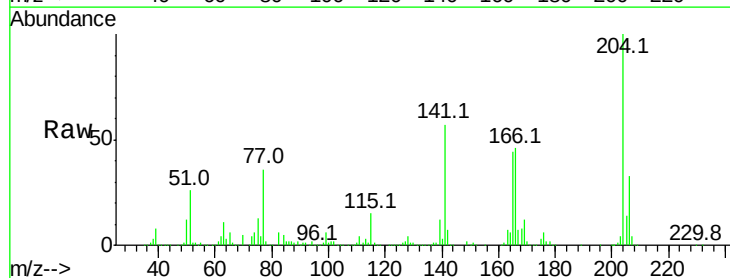
Manual Integrations
APPROVED

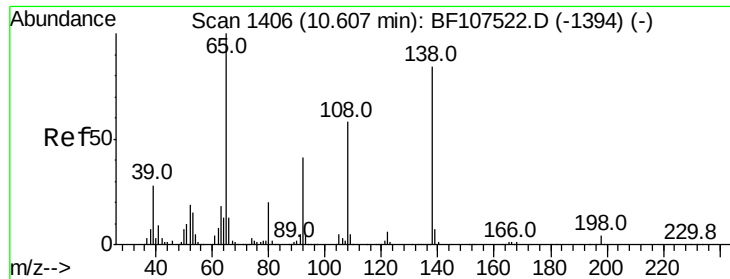
Sohil
7/23/2018 12:44:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.902 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion:204 Resp: 861567
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 57.3 54.6 81.8





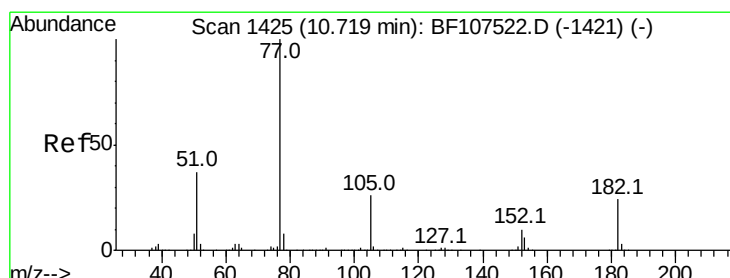
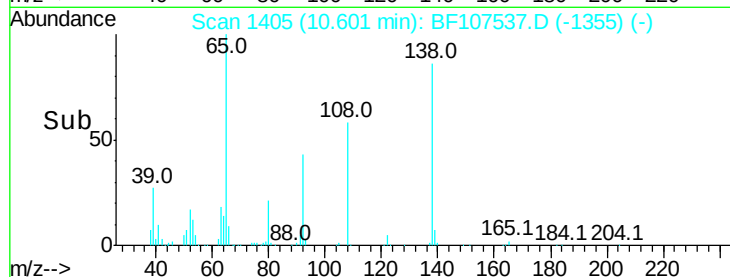
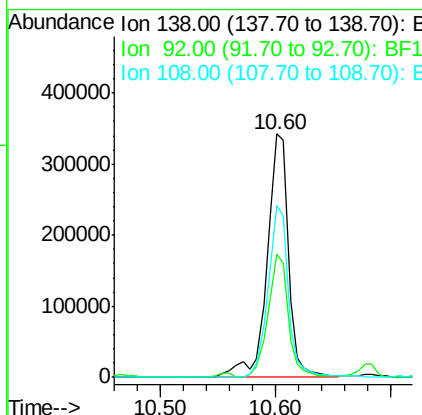
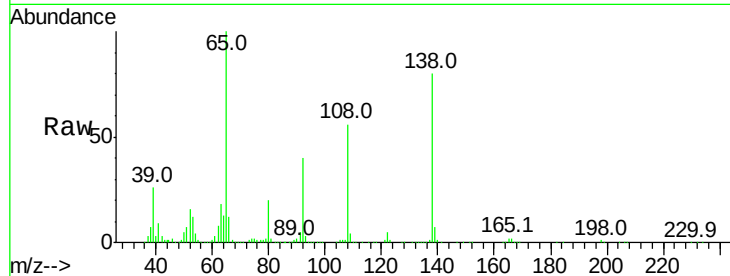
#61
4-Nitroaniline
Concen: 49.325 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.2	70.2
108	70.6	52.5	92.5

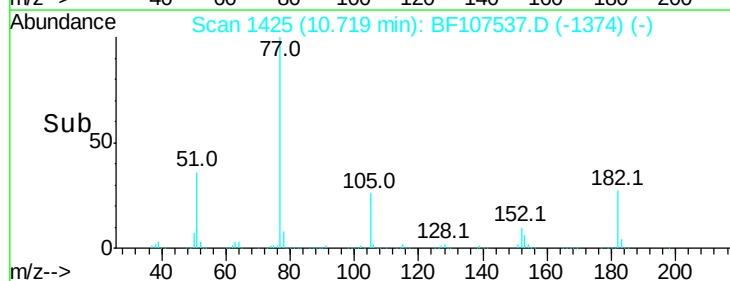
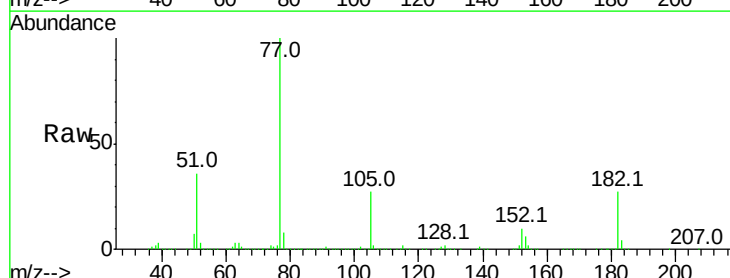
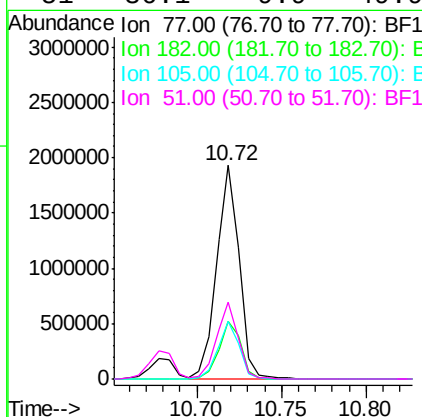
Manual Integrations
APPROVED

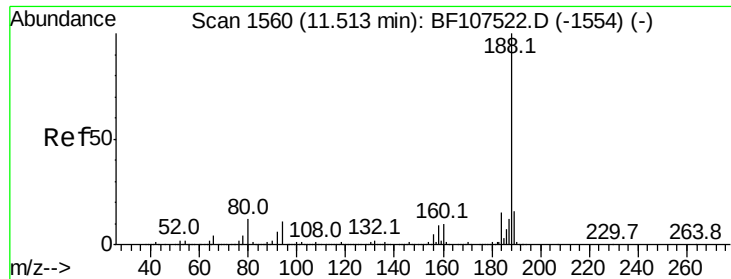
Sohil
7/23/2018 12:44:41 PM



#62
Azobenzene
Concen: 40.803 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	1.7	41.7
105	26.7	3.0	43.0
51	36.1	9.9	49.9





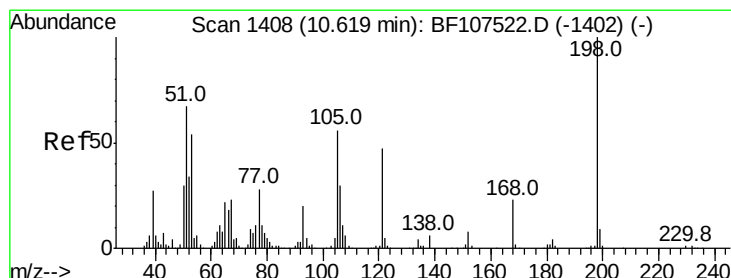
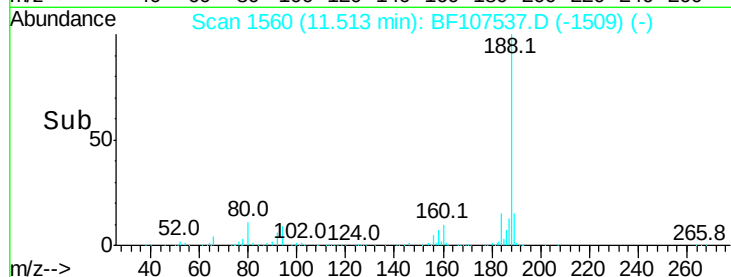
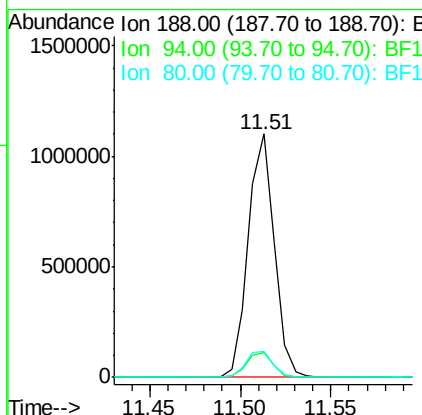
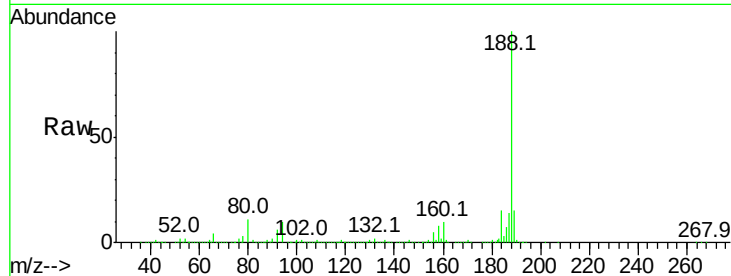
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.7	9.2	13.8

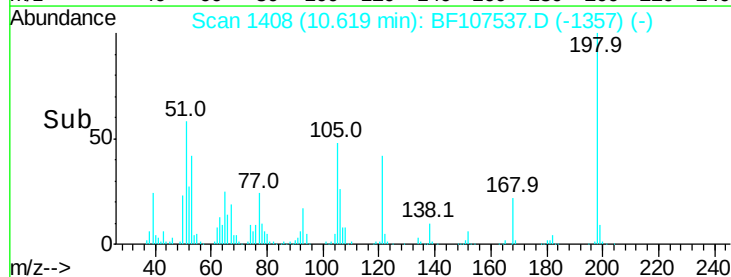
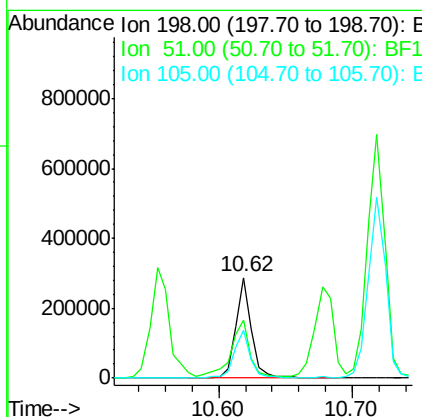
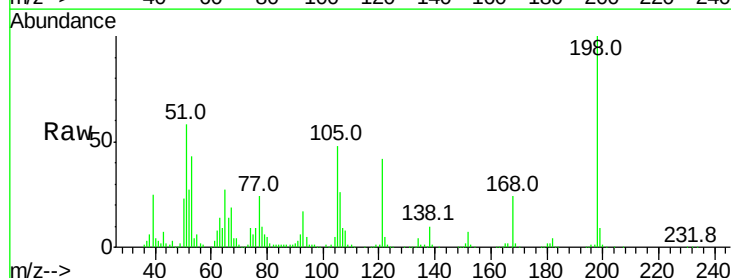
Manual Integrations
APPROVED

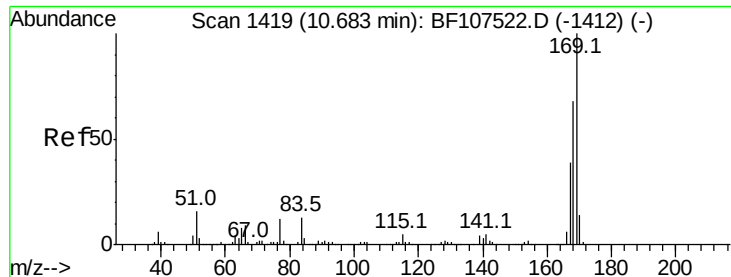
Sohil
7/23/2018 12:44:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.265 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.1	37.7	77.7
105	47.8	36.3	76.3





#65
 n-Nitrosodiphenylamine
 Concen: 42.043 ng
 RT: 10.68 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

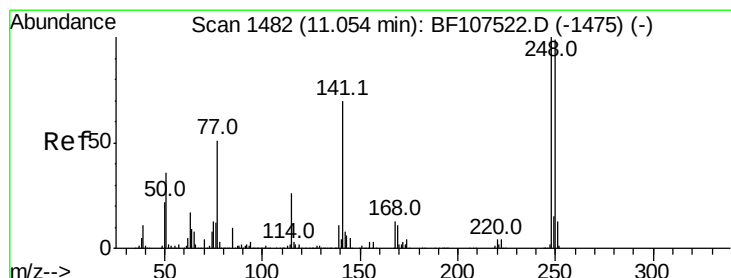
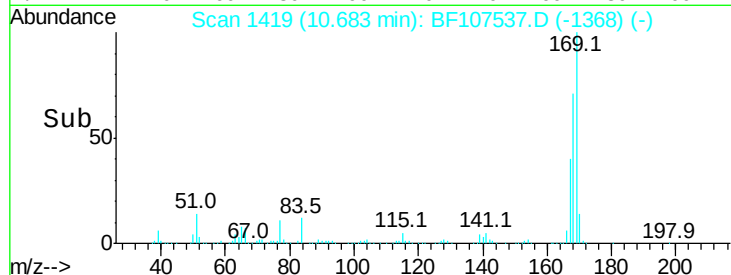
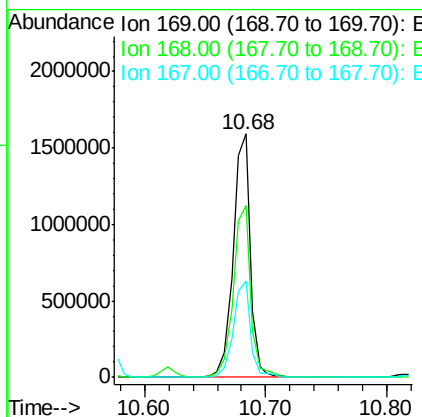
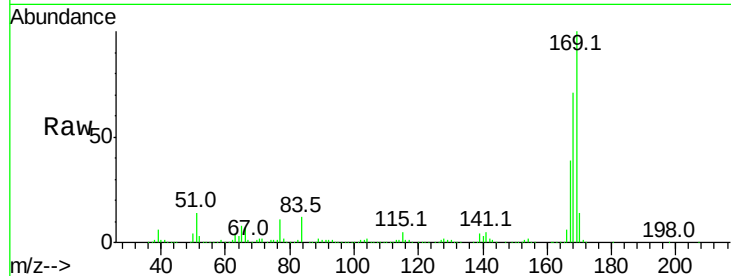
Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Tot Ion:169 Resp: 1572037

Ion	Ratio	Lower	Upper
169	100		
168	70.9	54.4	81.6
167	39.5	29.8	44.6

Manual Integrations
 APPROVED

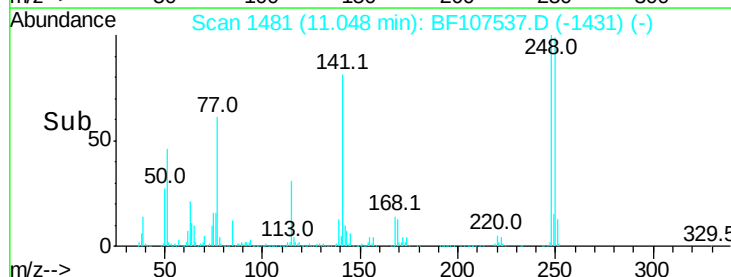
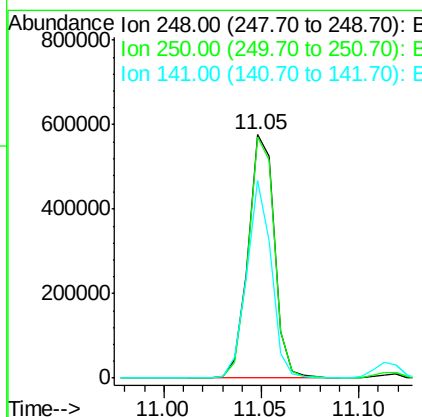
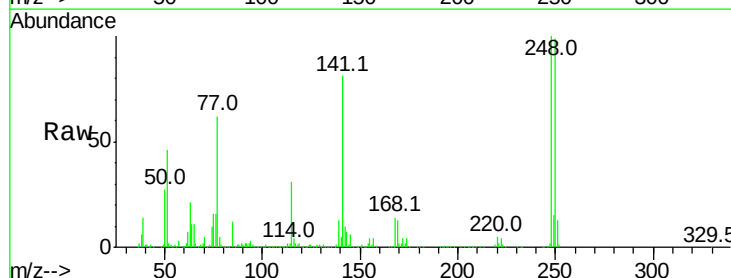
Sohil
 7/23/2018 12:44:41 PM

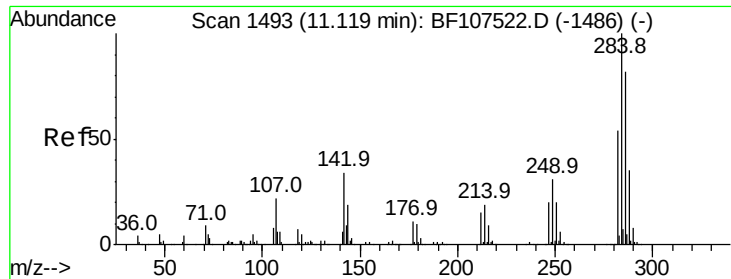


#66
 4-Bromophenyl-phenylether
 Concen: 41.674 ng
 RT: 11.05 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Tgt Ion:248 Resp: 540093

Ion	Ratio	Lower	Upper
248	100		
250	99.2	76.9	115.3
141	80.9	74.4	111.6





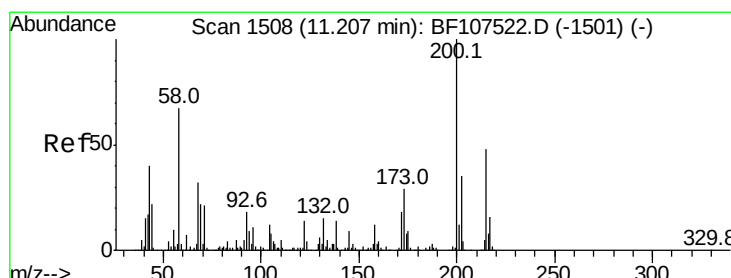
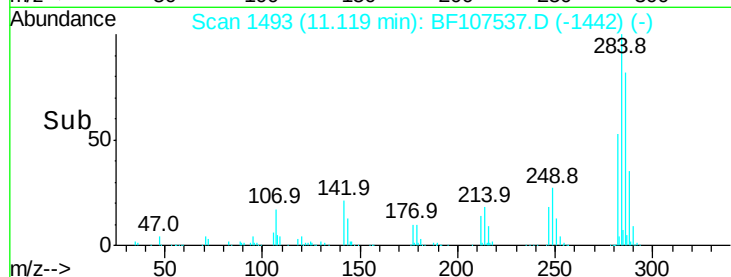
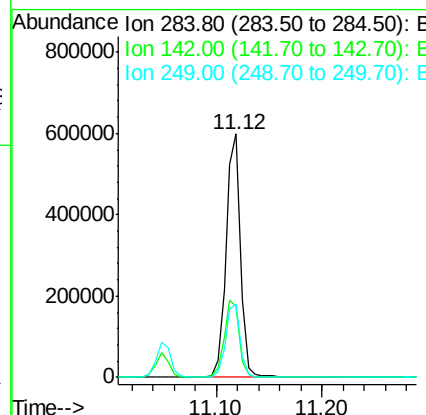
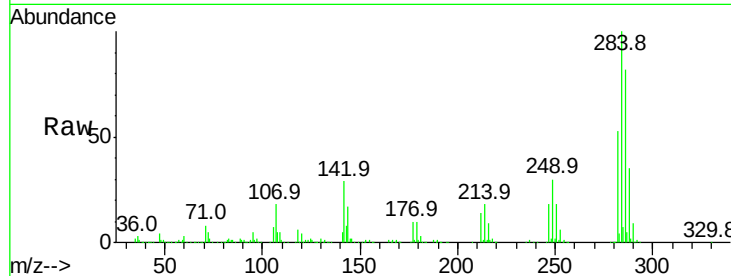
#67
Hexachlorobenzene
Concen: 40.252 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	29.0	34.6	52.0	
249	30.1	24.8	37.2	

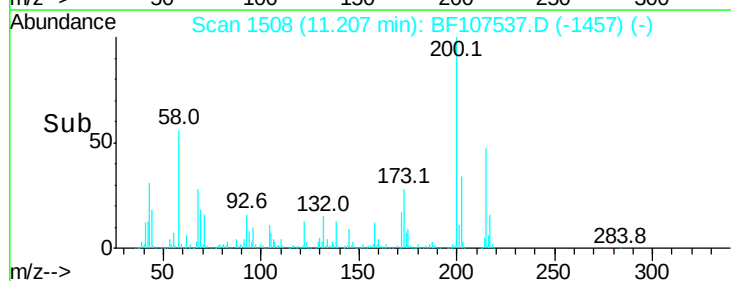
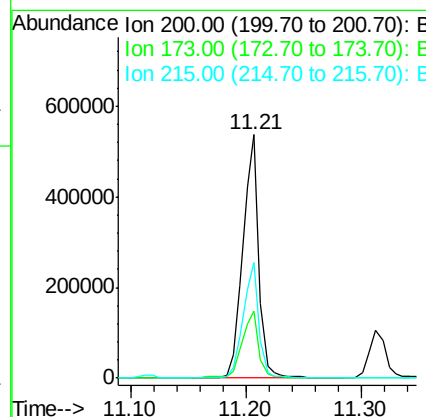
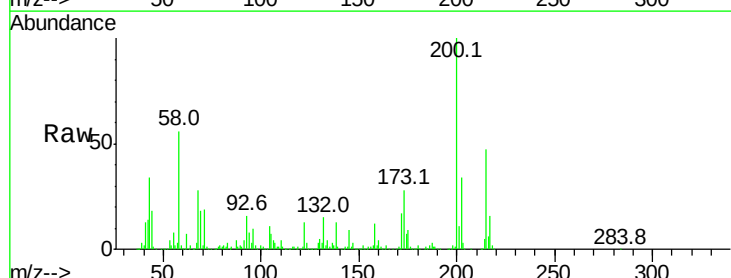
Manual Integrations
APPROVED

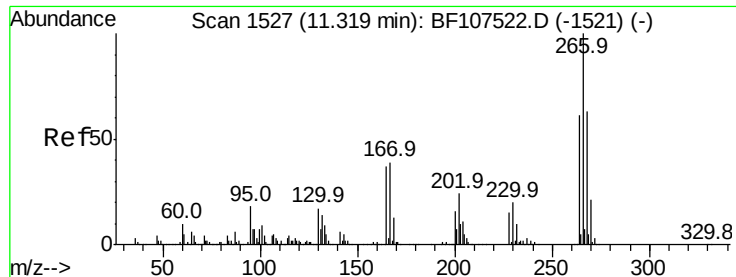
Sohil
7/23/2018 12:44:41 PM



#68
Atrazine
Concen: 44.847 ng
RT: 11.21 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.7	8.6	48.6	
215	47.5	25.1	65.1	





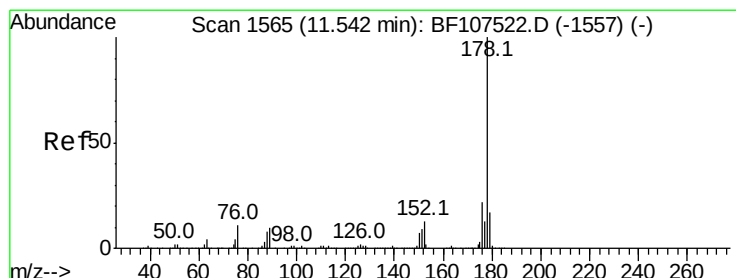
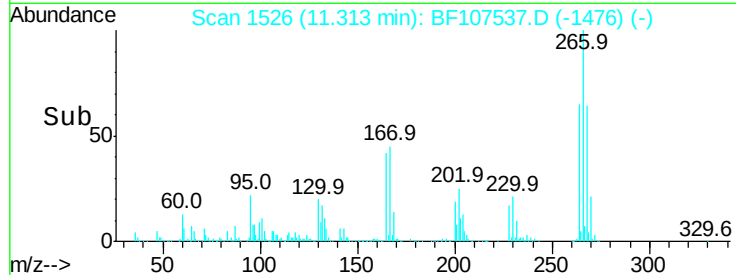
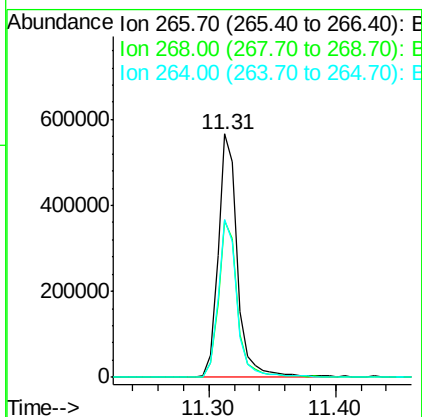
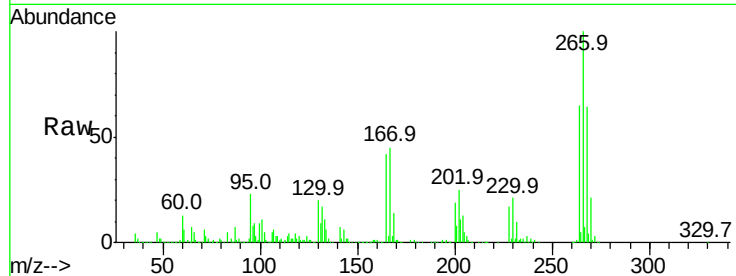
#69
 Pentachlorophenol
 Concen: 67.782 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	603737		
268	64.2	51.1	76.7	
264	64.8	49.5	74.3	

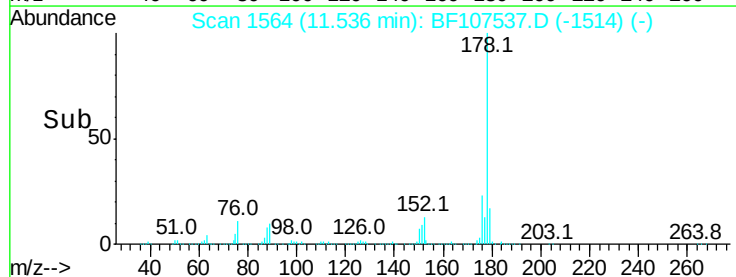
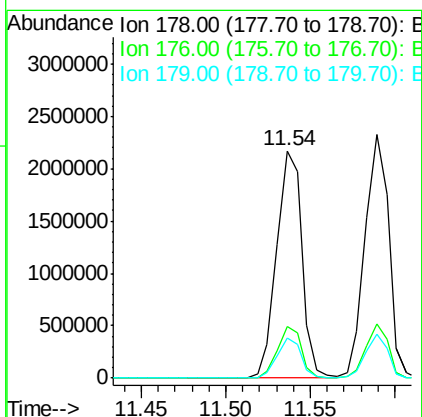
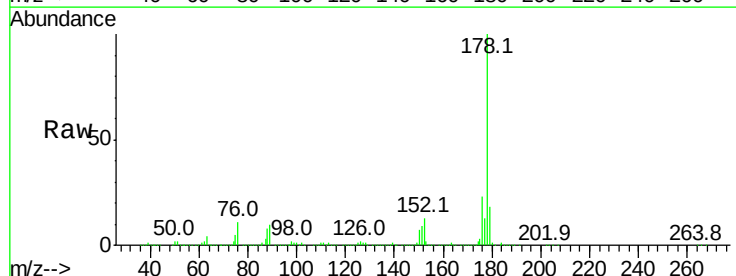
Manual Integrations
 APPROVED

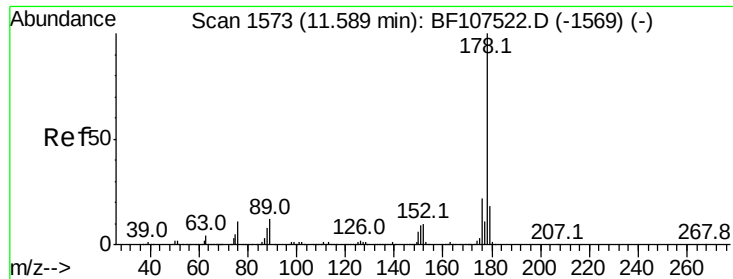
Sohil
 7/23/2018 12:44:41 PM



#70
 Phenanthrene
 Concen: 42.203 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2264180		
176	22.7	15.8	23.8	
179	17.6	13.0	19.6	





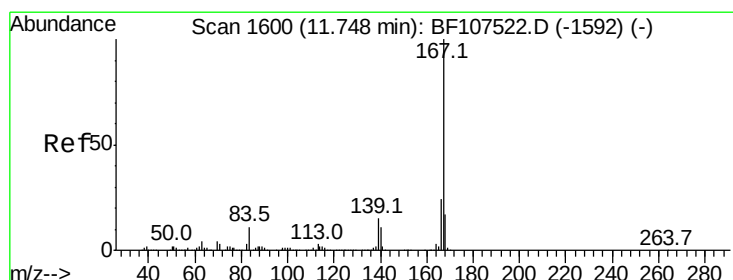
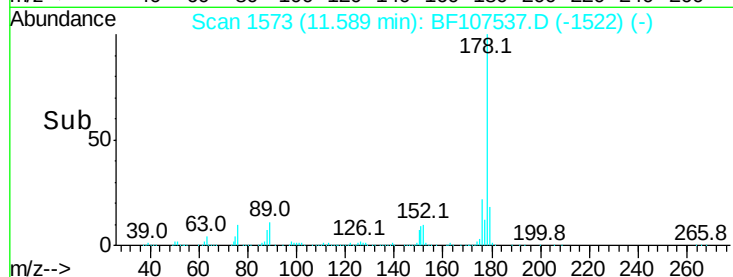
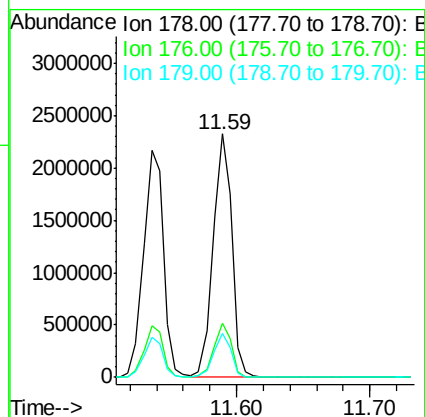
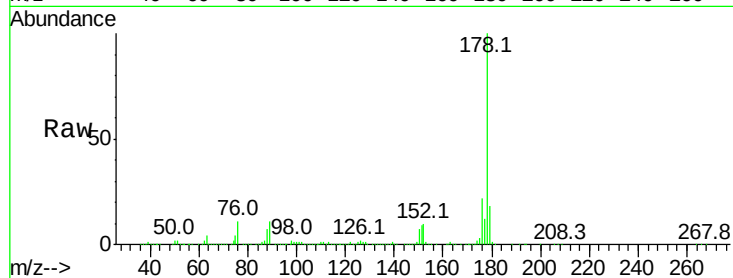
#71
 Anthracene
 Concen: 42.357 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.0	15.4	23.2
179	18.0	12.6	19.0

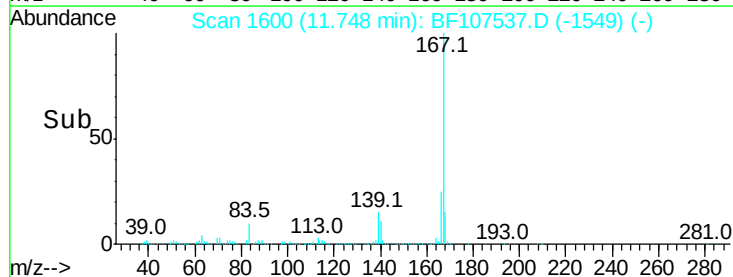
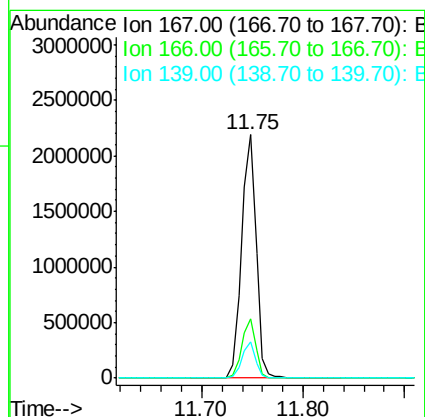
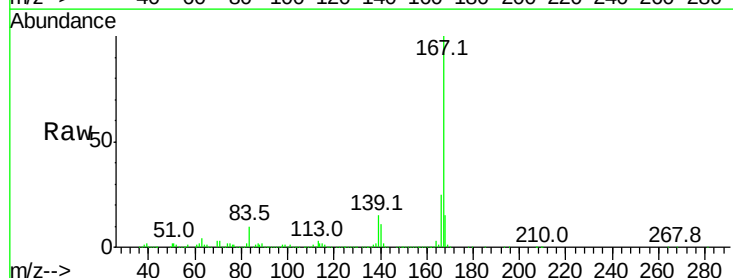
Manual Integrations
 APPROVED

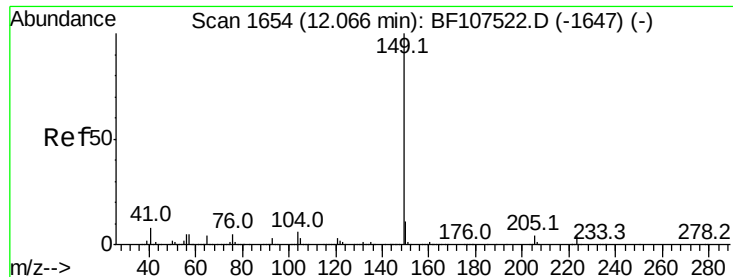
Sohil
 7/23/2018 12:44:41 PM



#72
 Carbazole
 Concen: 38.806 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.6	26.4
139	14.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.366 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

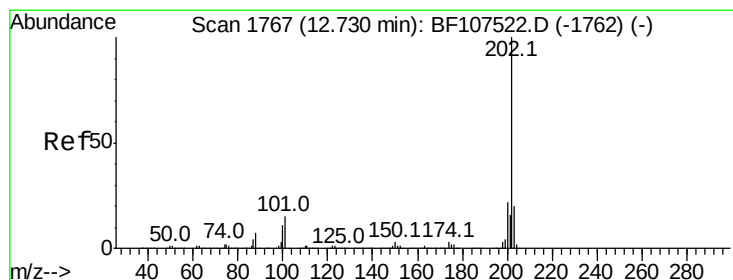
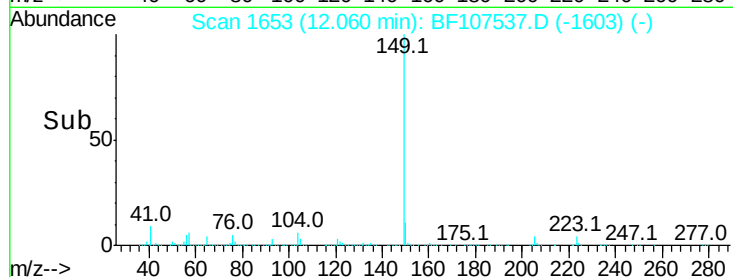
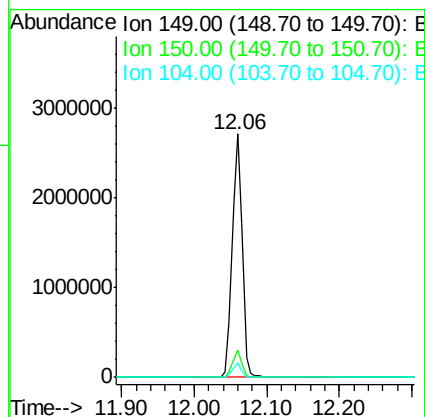
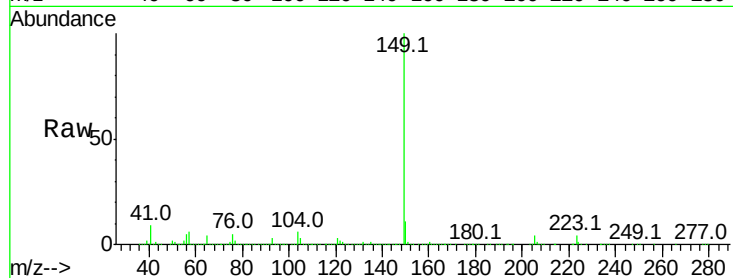
ClientSampleId :

161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	11.4	7.8	11.6
104	5.9	3.8	5.8

Manual Integrations
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Sohil
7/23/2018 12:44:41 PM



#74

Fluoranthene

Concen: 38.695 ng

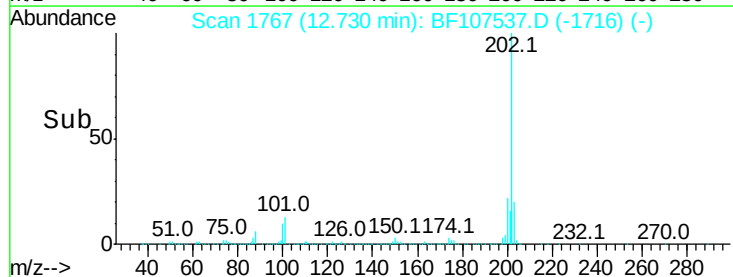
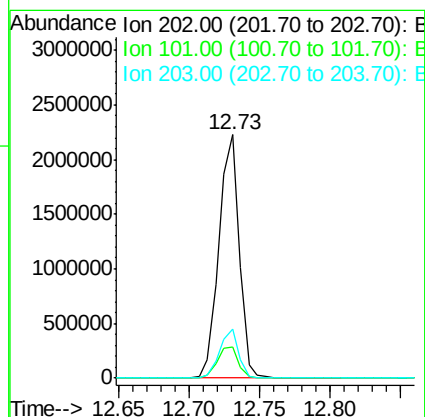
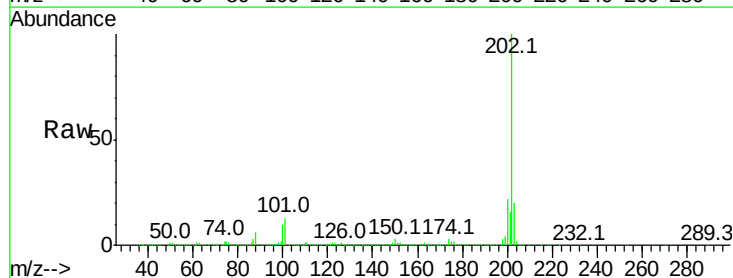
RT: 12.73 min Scan# 1767

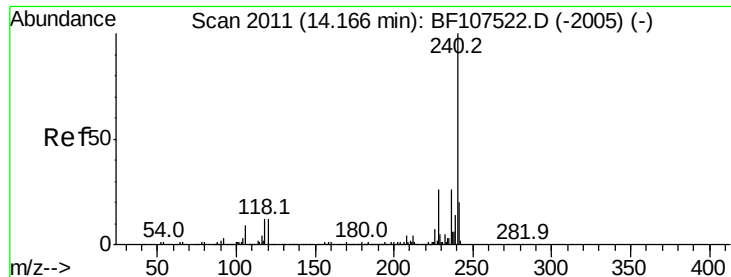
Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	34.1
203	20.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

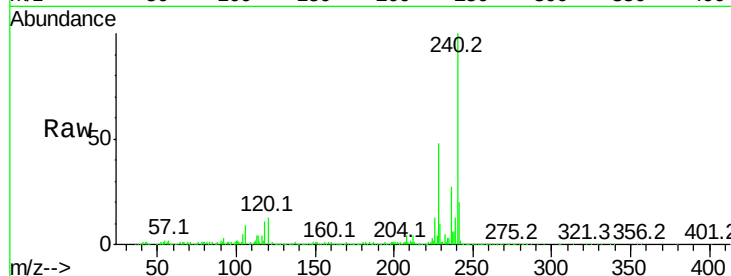
ClientSampleId :

161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.6	20.7	31.1

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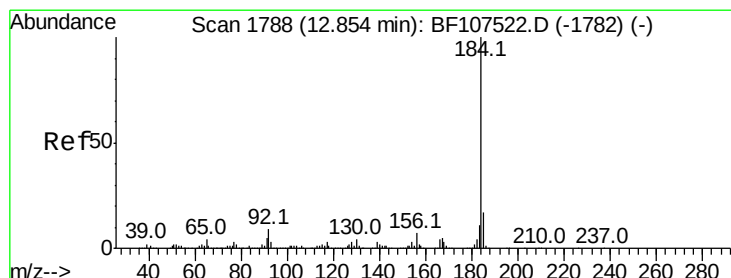
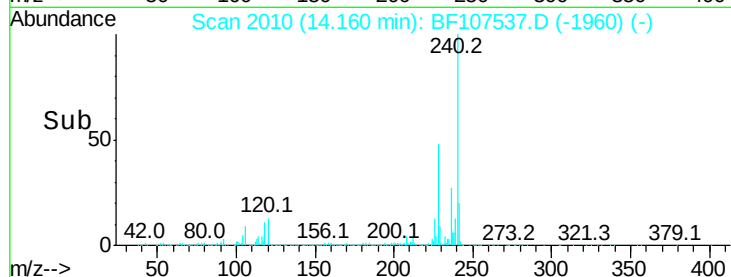
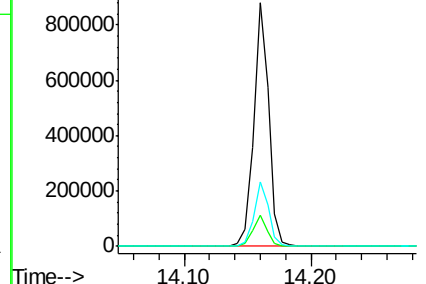
Sohil
7/23/2018 12:44:41 PM



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: 39.300 ng

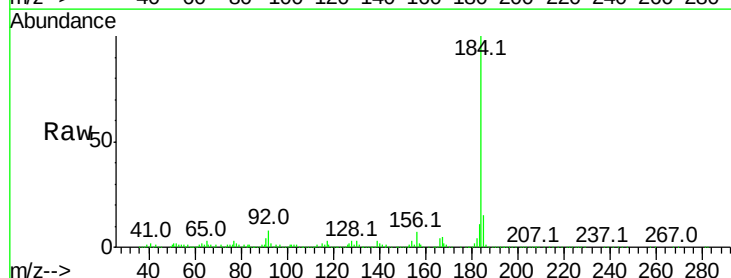
RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

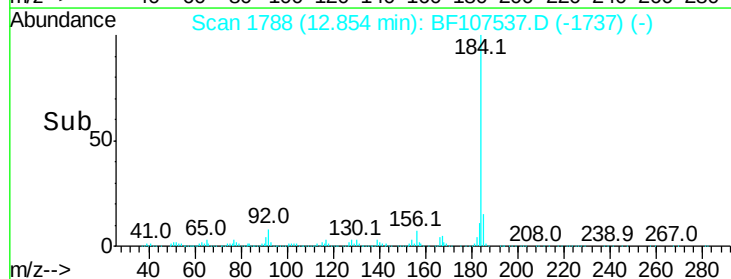
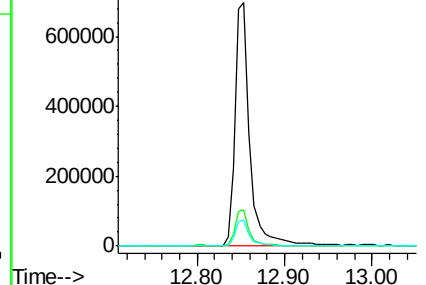
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	10.8	9.3	13.9

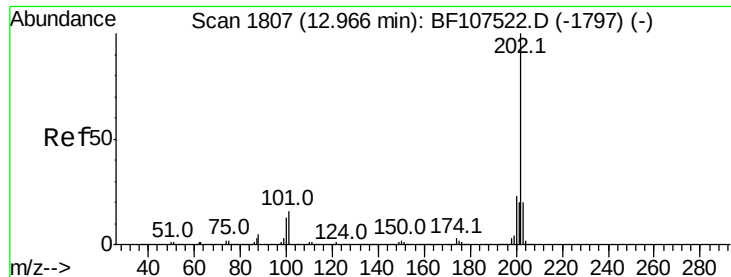


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.634 ng

RT: 12.96 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

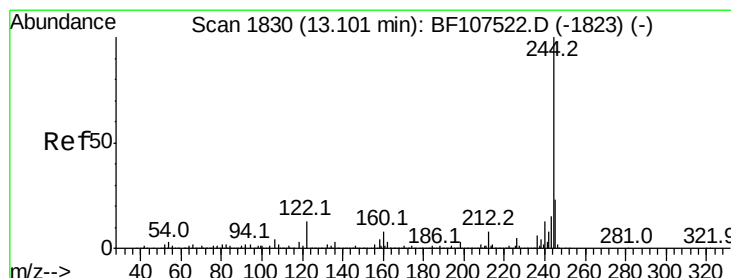
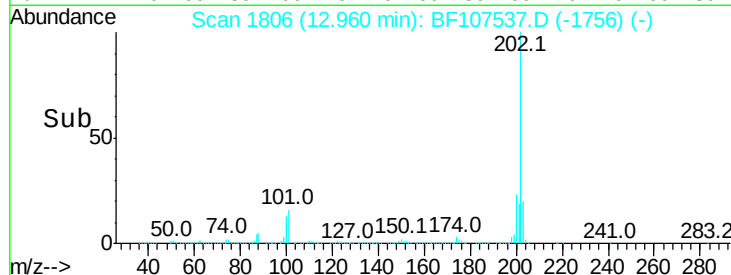
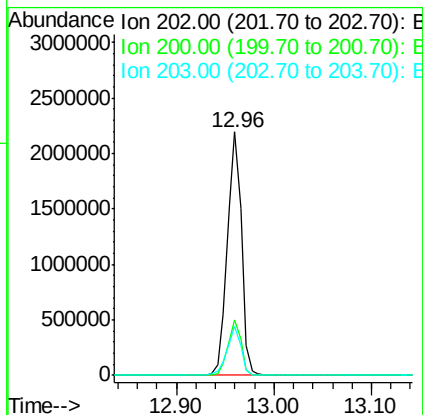
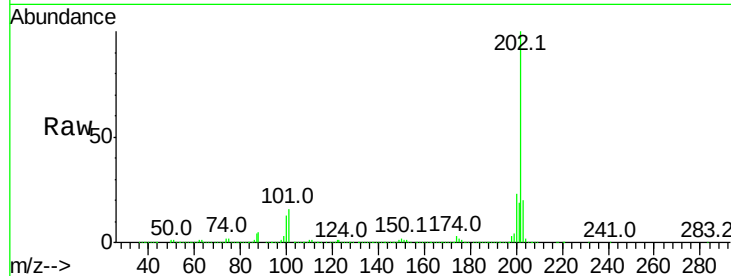
ClientSampleId :

161-TP-1MSD

Tot Ion:	202	Resp:	2197915
Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.4	26.2
203	20.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 92.170 ng

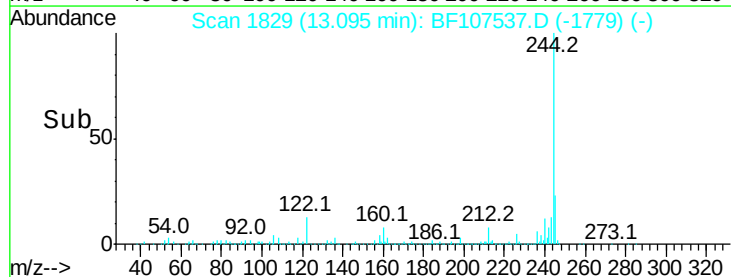
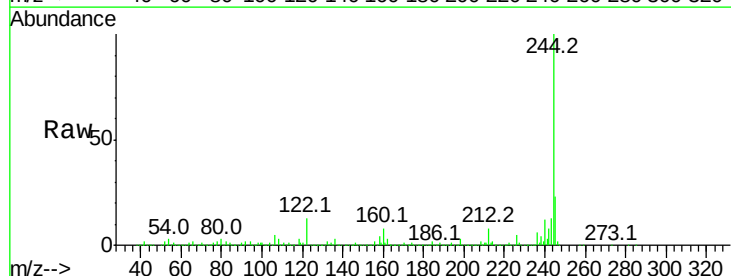
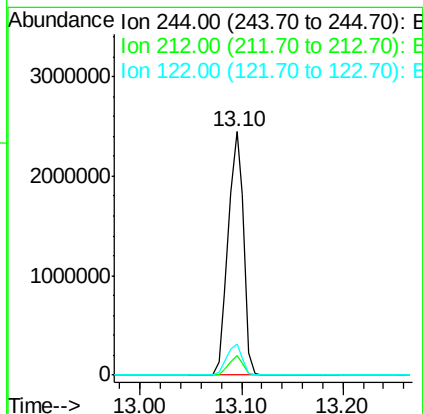
RT: 13.10 min Scan# 1829

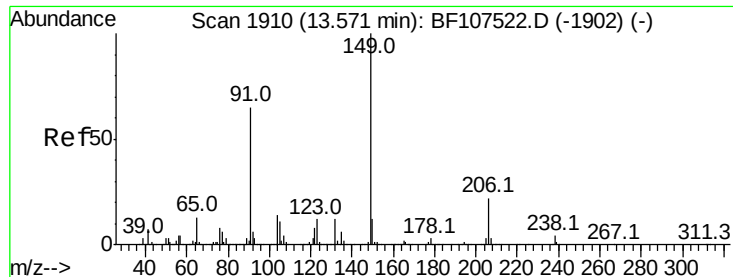
Delta R.T. -0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Tgt Ion:	244	Resp:	2591875
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.0
122	13.0	11.0	16.4





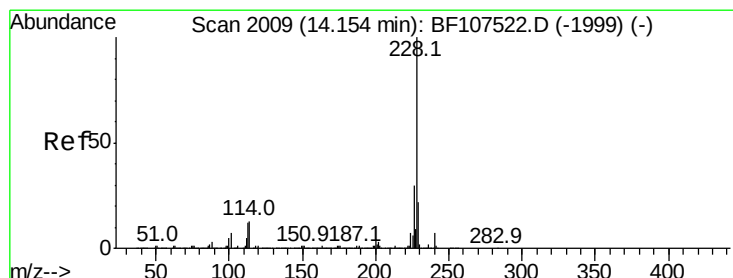
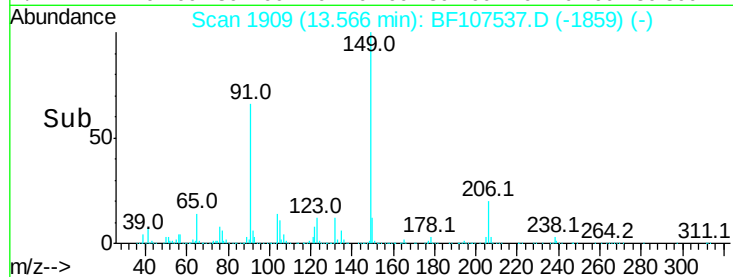
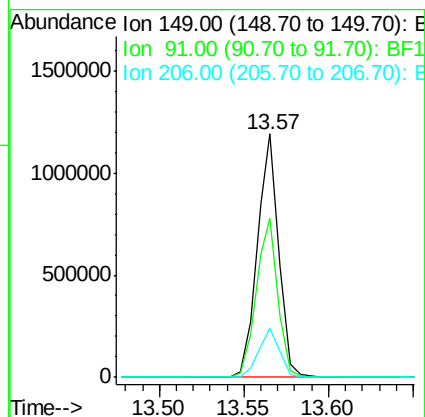
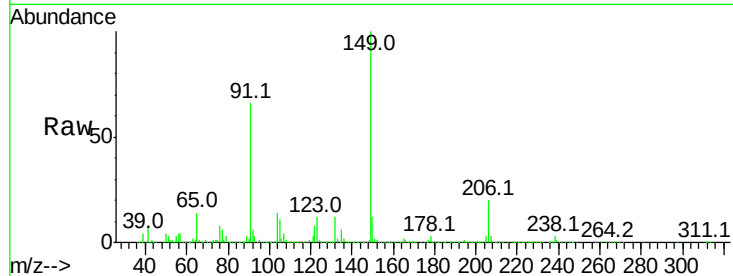
#79
Butylbenzylphthalate
Concen: 49.288 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.6	56.8	85.2
206	20.1	14.1	21.1

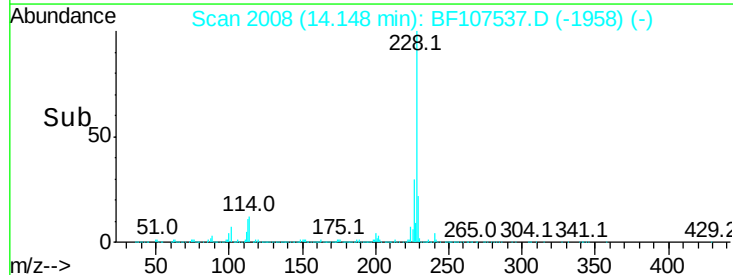
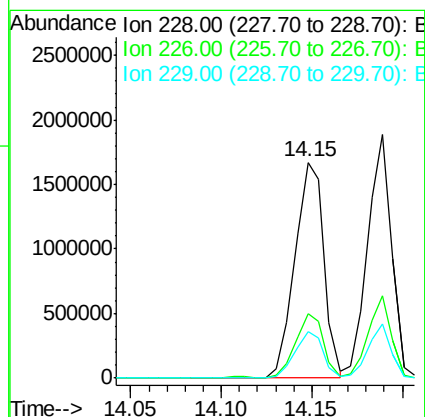
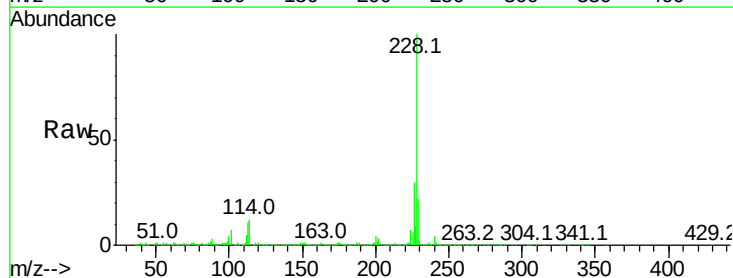
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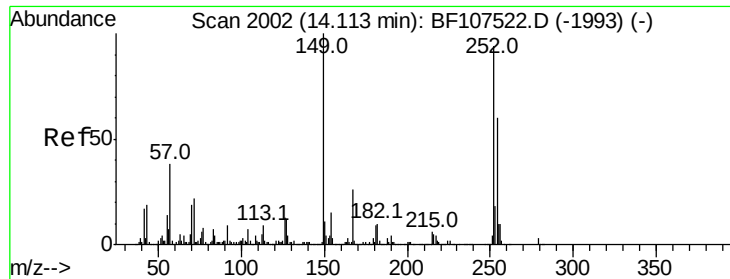
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#80
Benzo(a)anthracene
Concen: 44.523 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	21.6	15.8	23.6





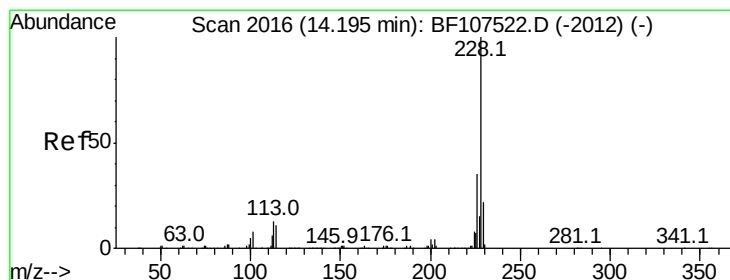
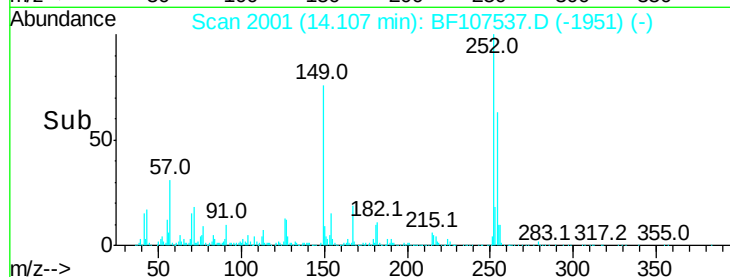
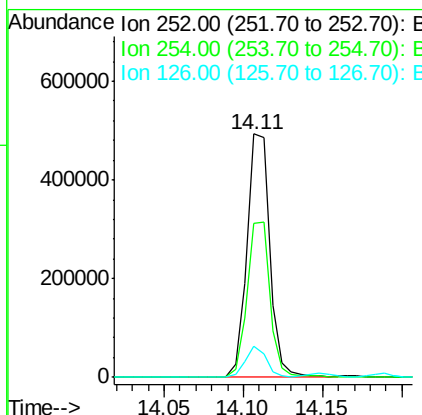
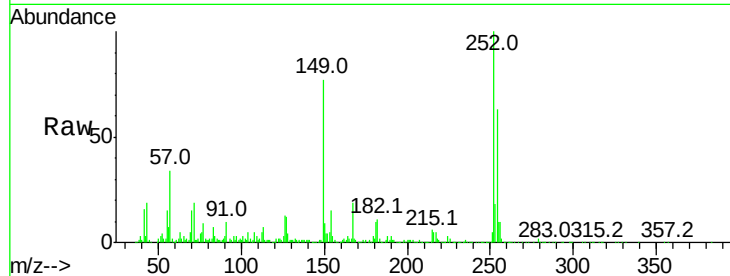
#81
3,3'-Dichlorobenzidine
Concen: 37.745 ng
RT: 14.11 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	13.0	11.3	16.9

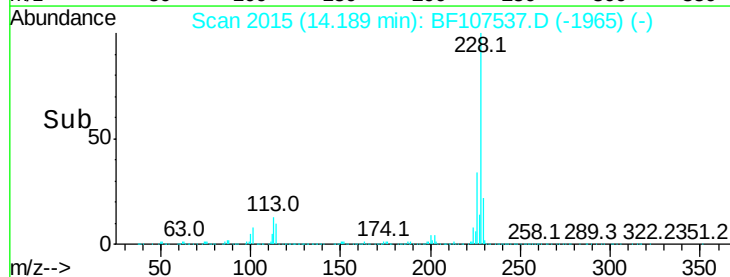
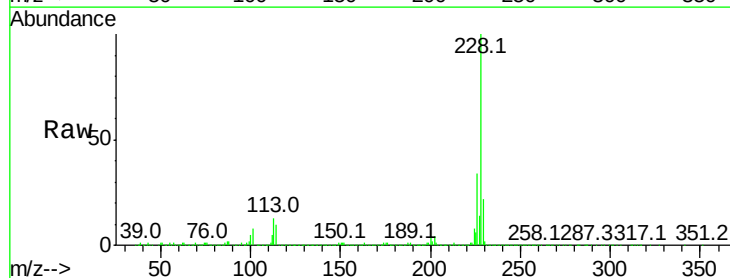
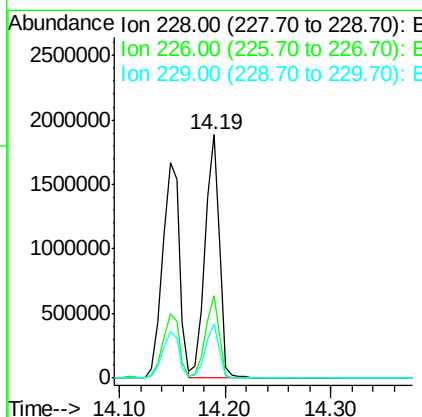
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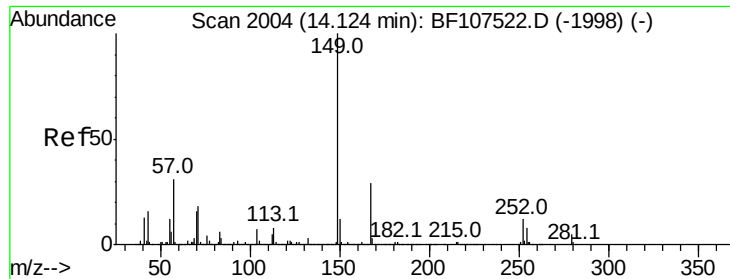
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#82
Chrysene
Concen: 43.405 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.1	25.0	37.6
229	22.2	16.2	24.4





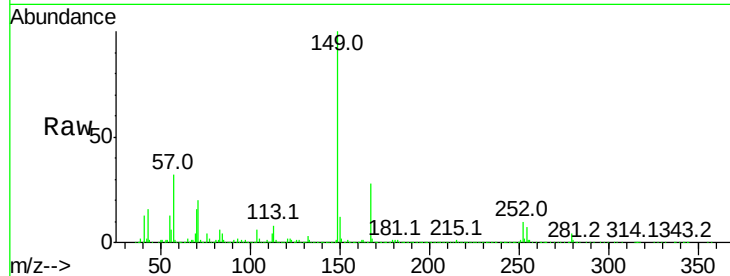
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.059 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

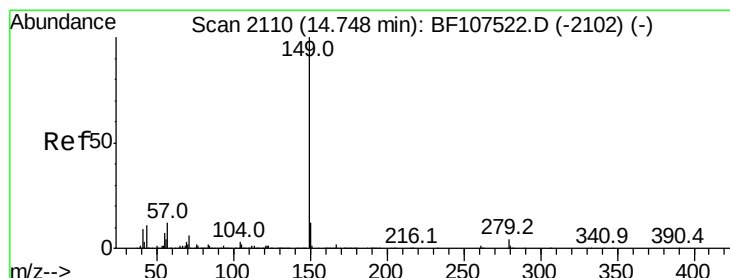
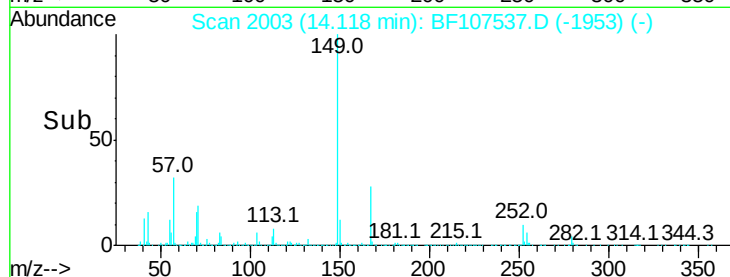
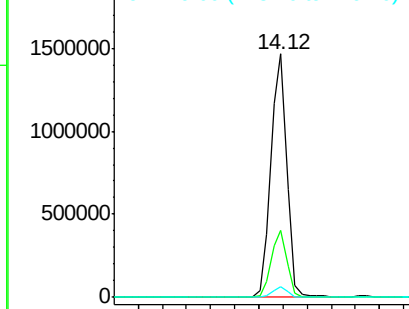
Tot Ion:149 Resp: 1346396
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.3 31.9
 279 4.2 3.0 4.4

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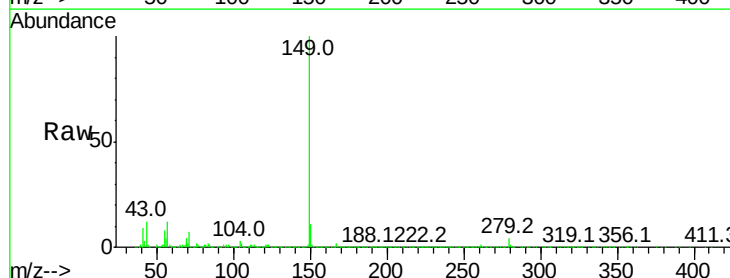


Abundance Ion 149.00 (148.70 to 149.70): E
 2000000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

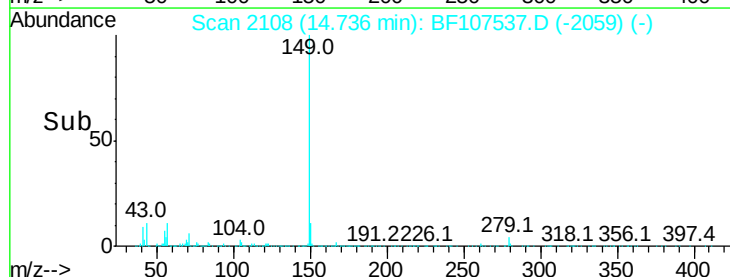
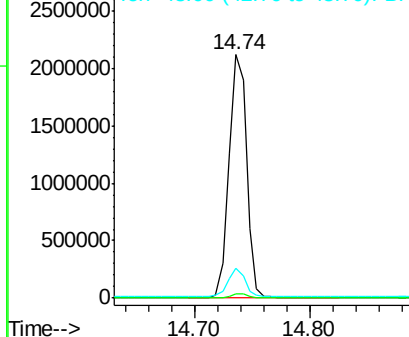


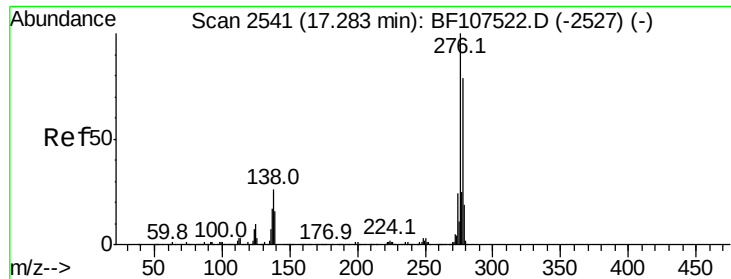
#84
 Di-n-octyl phthalate
 Concen: 48.058 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Tgt Ion:149 Resp: 2232092
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.9 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





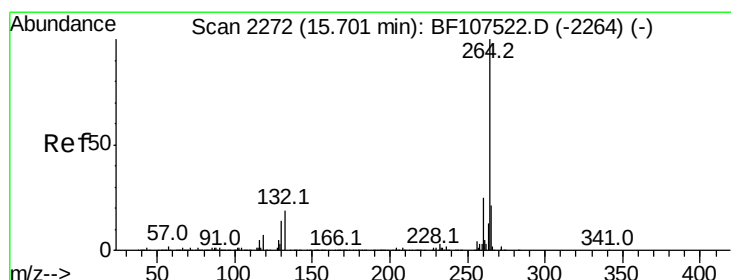
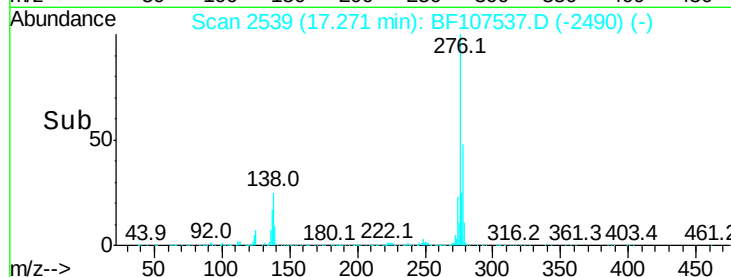
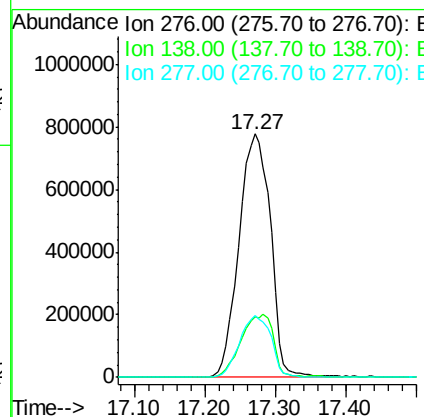
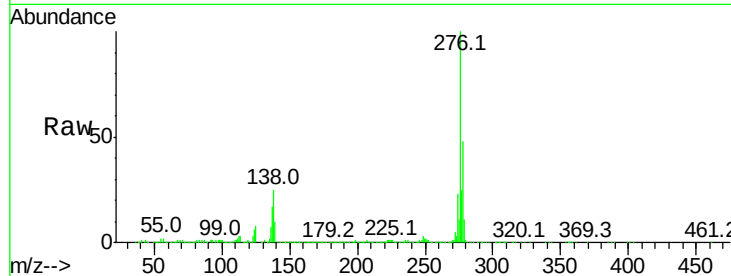
#85
Indeno(1,2,3-cd)pyrene
Concen: 70.326 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.3	25.0	37.6
277	25.3	20.1	30.1

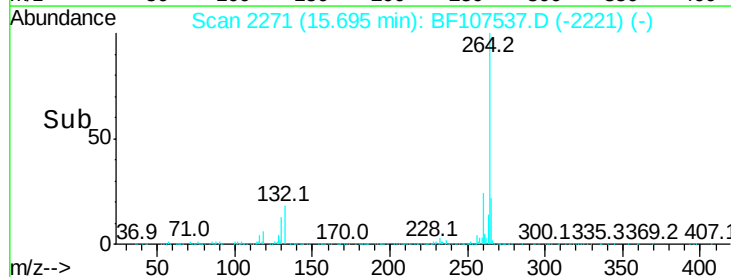
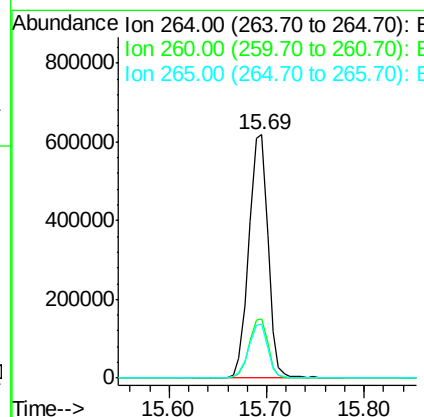
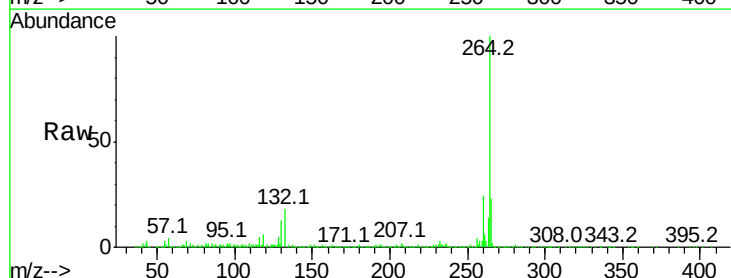
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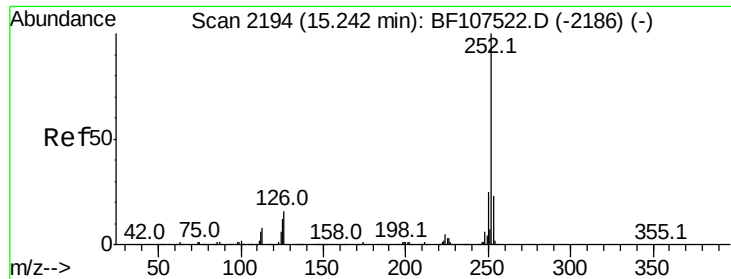
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.5	17.5	26.3





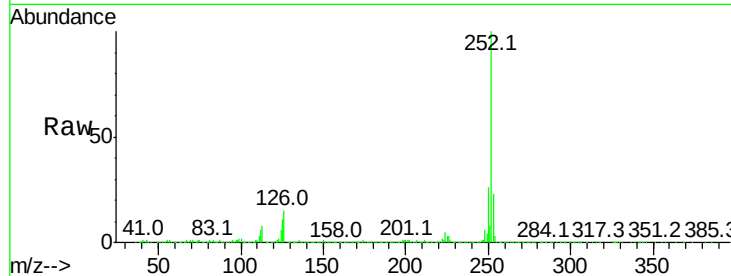
#87
Benzo(b)fluoranthene
Concen: 43.947 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Instrument :
BNA_F
ClientSampleId :
161-TP-1MSD

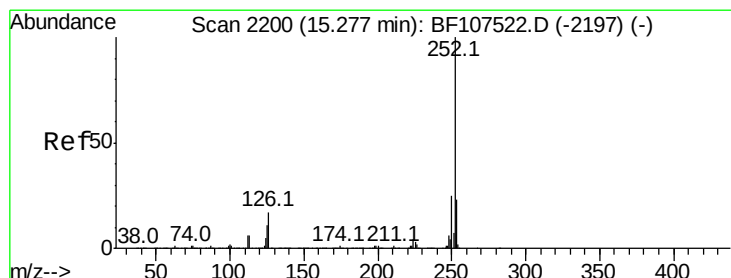
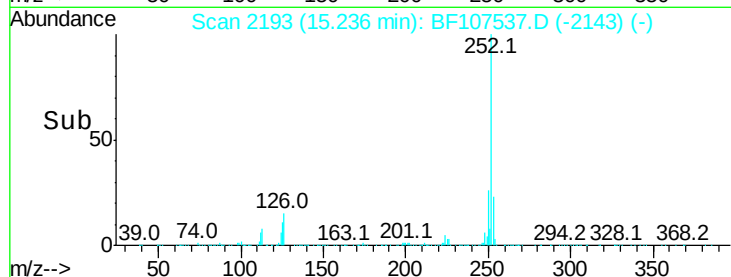
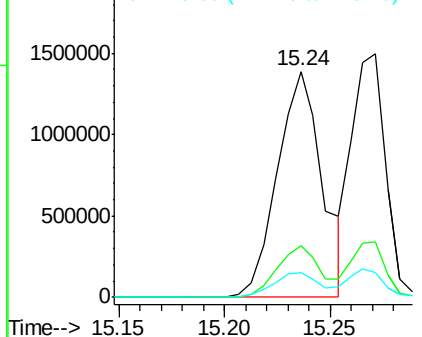
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	11.1	9.0	13.6

Manual Integrations
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7/23/2018 12:44:41 PM



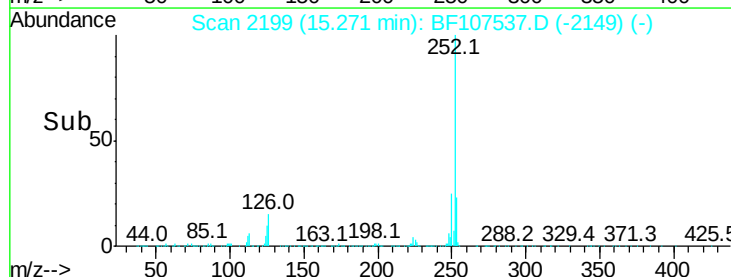
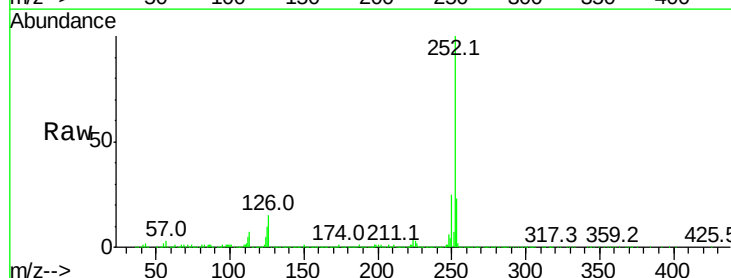
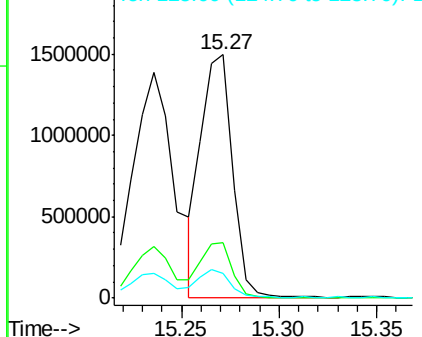
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

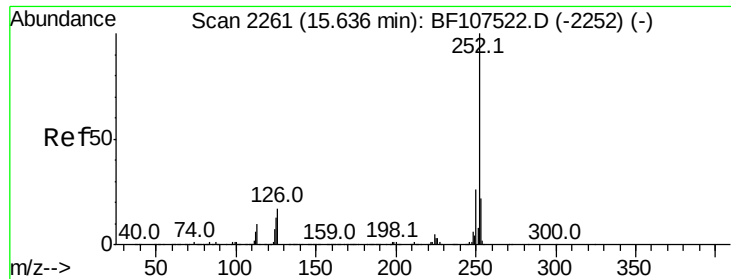


#88
Benzo(k)fluoranthene
Concen: 36.474 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107537.D
Acq: 20 Jul 2018 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.3	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.139 ng

RT: 15.63 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

Instrument :

BNA_F

ClientSampleId :

161-TP-1MSD

Tot Ion:252 Resp: 1884521

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

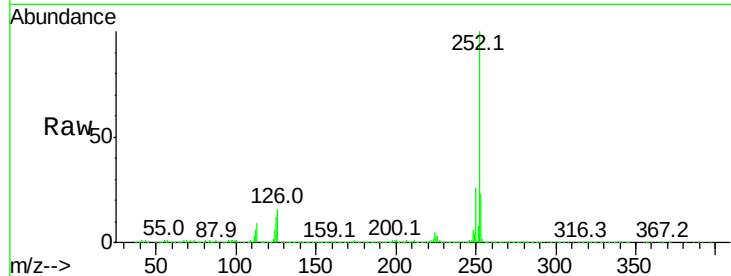
125 11.9 9.8 14.6

Manual Integrations

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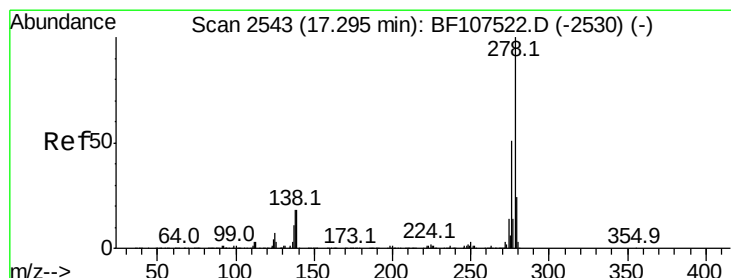
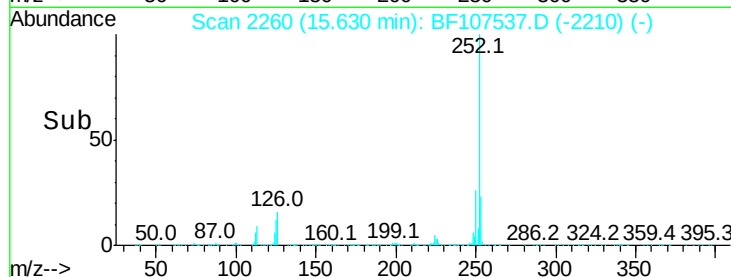
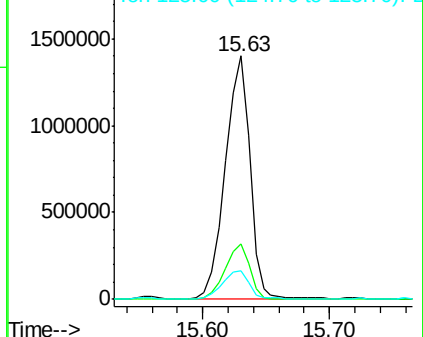
7/23/2018 12:44:41 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 53.178 ng

RT: 17.29 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BF107537.D

Acq: 20 Jul 2018 21:25

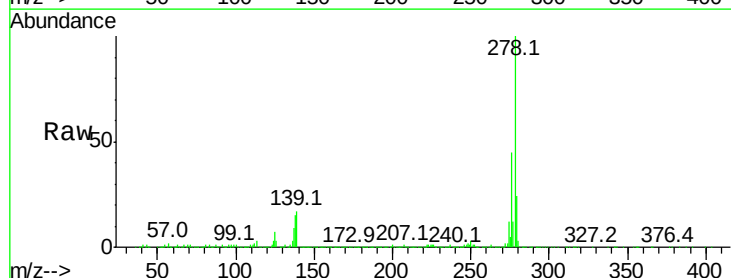
Tgt Ion:278 Resp: 1962617

Ion Ratio Lower Upper

278 100

139 17.1 15.9 23.9

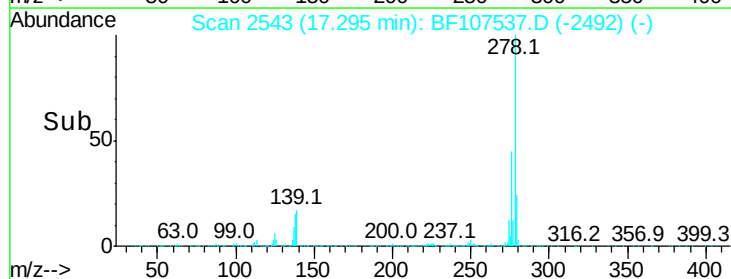
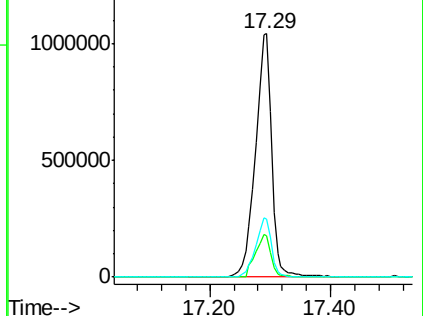
279 24.1 19.0 28.4

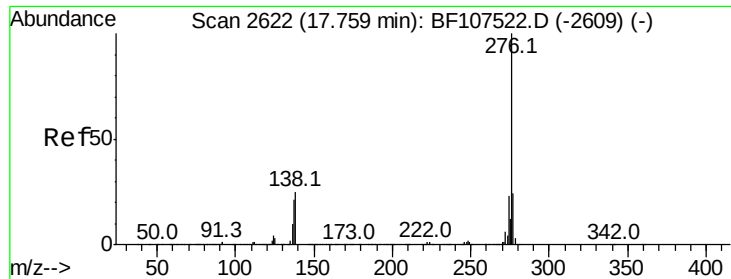


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 55.316 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: BF107537.D
 Acq: 20 Jul 2018 21:25

Instrument :
 BNA_F
 ClientSampleId :
 161-TP-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	23.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/23/2018 12:44:41 PM

