

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107778.D
 Acq On : 28 Jul 2018 6:30
 Operator : JU/SJ
 Sample : J4199-02MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Manual Integrations
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Sohil
 7/30/2018 2:03:44 PM

Quant Time: Jul 30 02:24:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	178472	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	660447	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	259364	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	435629	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	418760	20.00	ng	-0.01
86) Perylene-d12	15.68	264	350065	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	568821	51.24	ng	0.00
7) Phenol-d6	6.61	99	425632	31.93	ng	0.00
23) Nitrobenzene-d5	7.54	82	1018825	104.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	380292	128.94	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1754712	136.51	ng	-0.02
78) Terphenyl-d14	13.08	244	1469923	89.86	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	69727	13.496	ng	# 86
3) Pyridine	3.66	79	98686	7.021	ng	87
4) n-Nitrosodimethylamine	3.63	42	28584	4.822	ng	# 83
6) Aniline	6.64	93	171134	9.955	ng	# 73
8) 2-Chlorophenol	6.75	128	410880	34.550	ng	95
9) Benzaldehyde	6.52	77	210879	23.211	ng	95
10) Phenol	6.62	94	151584	9.670	ng	91
11) bis(2-Chloroethyl)ether	6.70	93	413088	31.786	ng	94
12) 1,3-Dichlorobenzene	6.90	146	521959	38.711	ng	98
13) 1,4-Dichlorobenzene	6.98	146	575957	41.676	ng	99
14) 1,2-Dichlorobenzene	7.13	146	530517	42.777	ng	98
15) Benzyl Alcohol	7.11	79	220272	24.249	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	824807	37.620	ng	79
17) 2-Methylphenol	7.22	107	256051	25.332	ng	# 68
18) Hexachloroethane	7.47	117	182915	37.736	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	349437	40.583	ng	98
20) 3+4-Methylphenols	7.38	107	295491	24.619	ng	# 16
22) Acetophenone	7.37	105	740390	47.734	ng	# 96
24) Nitrobenzene	7.55	77	495104	44.171	ng	96
25) Isophorone	7.78	82	947196	45.331	ng	98
26) 2-Nitrophenol	7.87	139	268659	56.758	ng	100
27) 2,4-Dimethylphenol	7.90	122	357021	39.847	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	598597	42.867	ng	99
29) 2,4-Dichlorophenol	8.11	162	378227	41.301	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	439609	42.740	ng	99
31) Naphthalene	8.27	128	1425597	49.086	ng	100
32) Benzoic acid	8.00	122	62634	16.265	ng	# 84
33) 4-Chloroaniline	8.34	127	151117	11.905	ng	# 91
34) Hexachlorobutadiene	8.37	225	258454	42.287	ng	99
35) Caprolactam	8.70	113	17722	5.950	ng	# 78
36) 4-Chloro-3-methylphenol	8.80	107	351416	34.545	ng	100
37) 2-Methylnaphthalene	8.96	142	933679	46.393	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	442048	51.099	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	54203	12.326	ng	95

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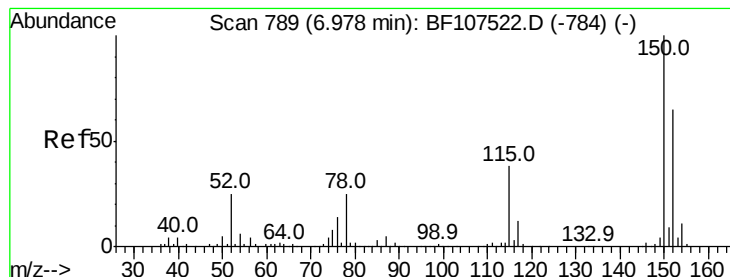
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	244273	44.114	nq	98
43) 2,4,5-Trichlorophenol	9.29	196	266788	46.099	nq	96
45) 1,1'-Biphenyl	9.42	154	1135873	50.274	nq	98
46) 2-Chloronaphthalene	9.45	162	820785	47.527	nq	98
47) 2-Nitroaniline	9.56	65	260228	51.686	nq	97
48) Acenaphthylene	9.87	152	1266418	48.816	nq	99
49) Dimethylphthalate	9.72	163	1048169	53.622	nq	99
50) 2,6-Dinitrotoluene	9.79	165	189883	48.927	nq #	89
51) Acenaphthene	10.04	154	806026	49.588	nq	99
52) 3-Nitroaniline	9.98	138	86998	18.426	nq	99
53) 2,4-Dinitrophenol	10.09	184	45505	36.661	nq #	46
54) Dibenzofuran	10.21	168	1082684	45.244	nq	99
55) 4-Nitrophenol	10.16	139	45475	12.865	nq #	84
56) 2,4-Dinitrotoluene	10.20	165	215549	46.012	nq #	92
57) Fluorene	10.55	166	842503	49.350	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	210020	43.605	nq	89
59) Diethylphthalate	10.41	149	946312	46.354	nq	99
60) 4-Chlorophenyl-phenylether	10.54	204	431766	44.736	nq	92
61) 4-Nitroaniline	10.60	138	148645	37.473	nq	96
62) Azobenzene	10.70	77	784497	40.981	nq	94
64) 4,6-Dinitro-2-methylphenol	10.61	198	41846	24.980	nq	90
65) n-Nitrosodiphenylamine	10.67	169	731700	49.456	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	238354	46.480	nq #	86
67) Hexachlorobenzene	11.10	284	254416	45.090	nq #	88
68) Atrazine	11.19	200	204974	45.376	nq	97
69) Pentachlorophenol	11.30	266	222939	63.256	nq	98
70) Phenanthrene	11.52	178	1032534	48.639	nq	99
71) Anthracene	11.58	178	1142058	53.433	nq	99
72) Carbazole	11.74	167	1026955	46.205	nq	99
73) Di-n-butylphthalate	12.04	149	1252420	60.884	nq	100
74) Fluoranthene	12.72	202	1178302	51.726	nq	96
76) Benzidine	12.86	184	24317m	2.016	nq	
77) Pyrene	12.95	202	1213520	42.366	nq	98
79) Butylbenzylphthalate	13.55	149	540478	43.876	nq	92
80) Benzo(a)anthracene	14.14	228	1122889	45.757	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	218339	26.685	nq	98
82) Chrysene	14.18	228	1213378	51.473	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	722639	41.576	nq	97
84) Di-n-octyl phthalate	14.72	149	1350424	49.985	nq	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	792946	39.689	nq #	93
87) Benzo(b)fluoranthene	15.22	252	936891	48.902	nq	98
88) Benzo(k)fluoranthene	15.26	252	1059940m	56.469	nq	
89) Benzo(a)pyrene	15.62	252	869762	49.630	nq	97
90) Dibenzo(a,h)anthracene	17.28	278	678168	44.766	nq #	95
91) Benzo(g,h,i)perylene	17.75	276	645622	43.206	nq #	92

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



#1

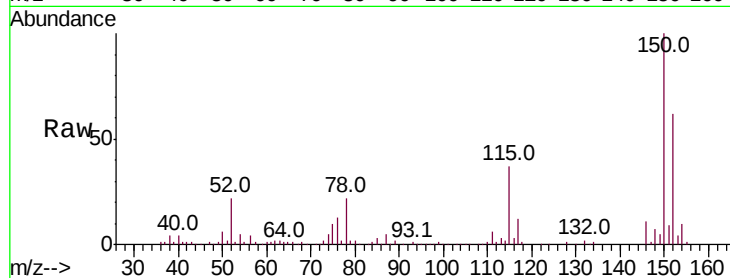
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	59.7	50.1	75.1

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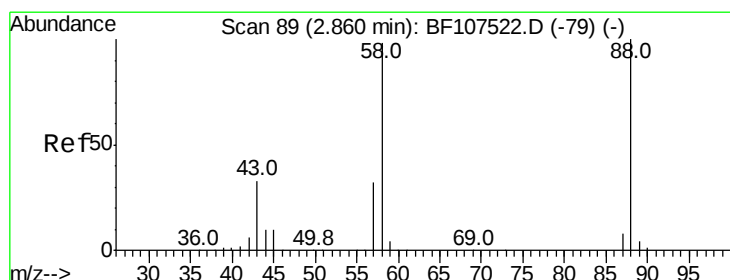
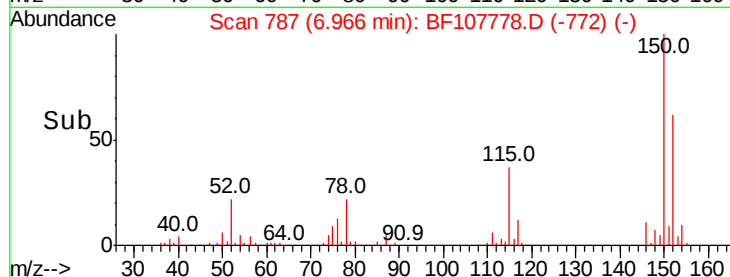
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#2

1,4-Dioxane
Concen: 13.496 ng
RT: 2.85 min Scan# 87
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.2	62.6	93.8#
43	31.4	24.6	37.0

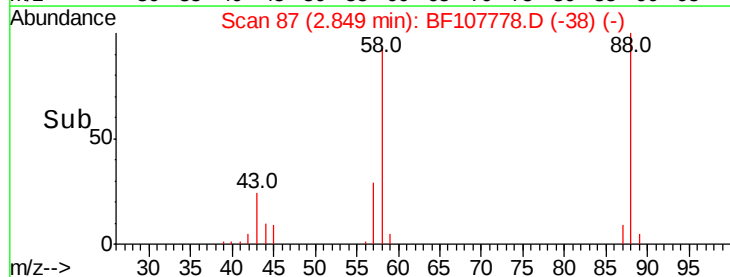
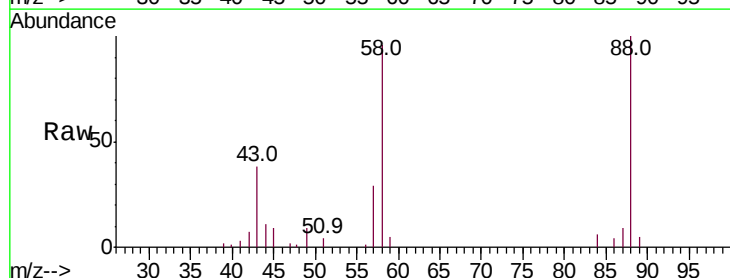
Abundance

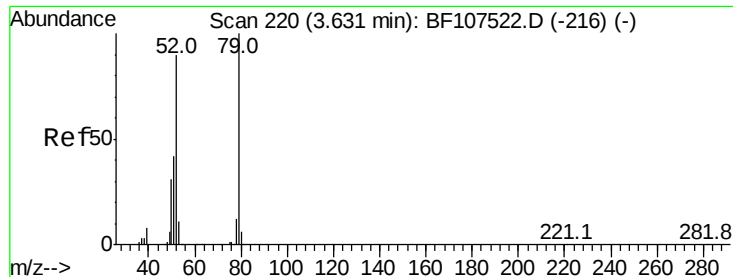
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





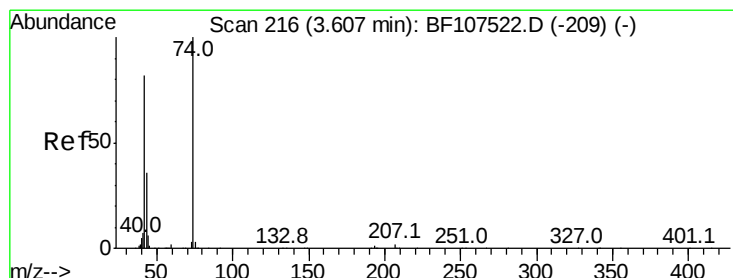
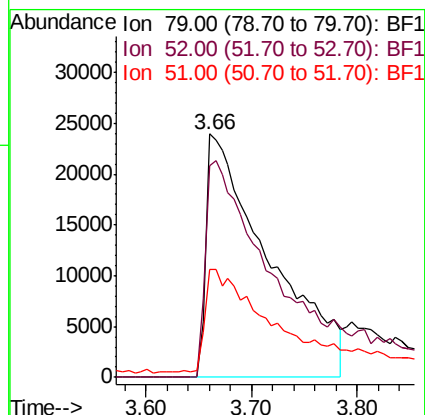
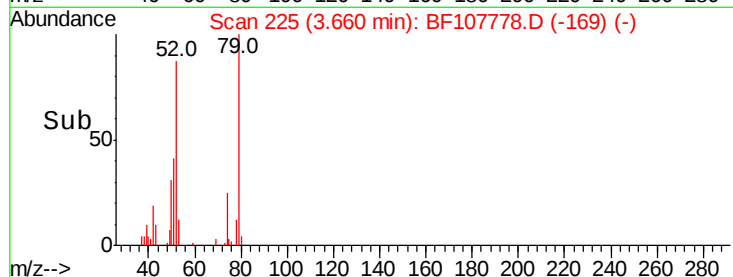
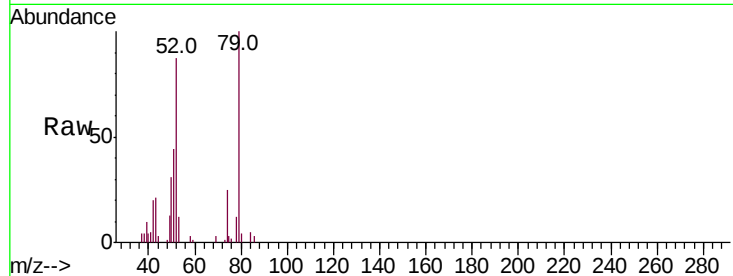
#3
 Pvridine
 Concen: 7.021 ng
 RT: 3.66 min Scan# 225
 Delta R.T. 0.03 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion:	79	Resp:	98686
Ion Ratio	Lower	Upper	
79	100		
52	86.8	59.8	89.6
51	44.5	29.8	44.8

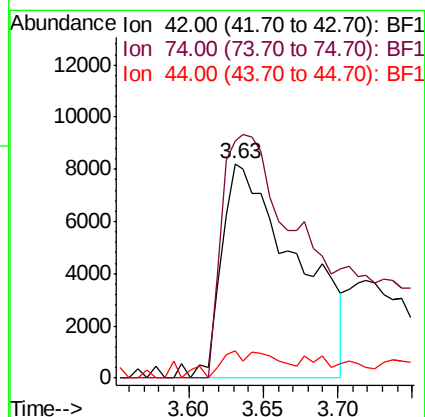
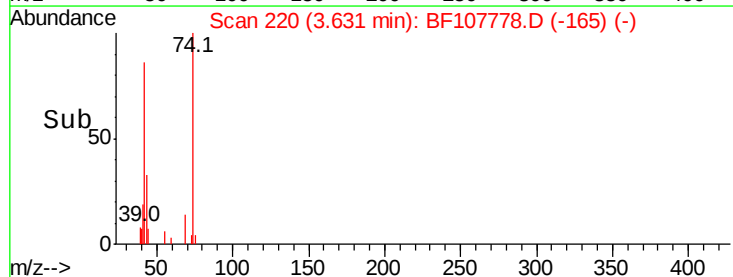
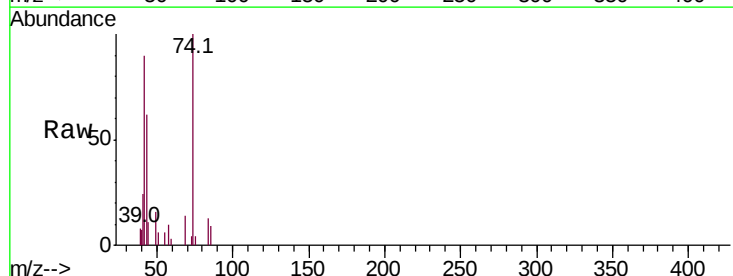
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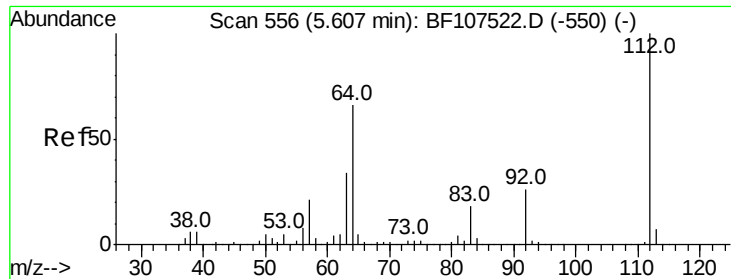
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#4
 n-Nitrosodimethylamine
 Concen: 4.822 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:	42	Resp:	28584
Ion Ratio	Lower	Upper	
42	100		
74	110.7	104.9	157.3
44	12.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 51.244 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

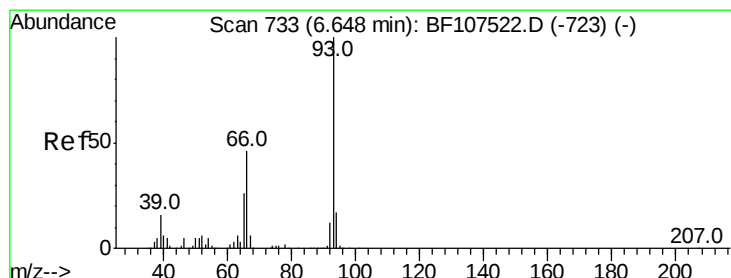
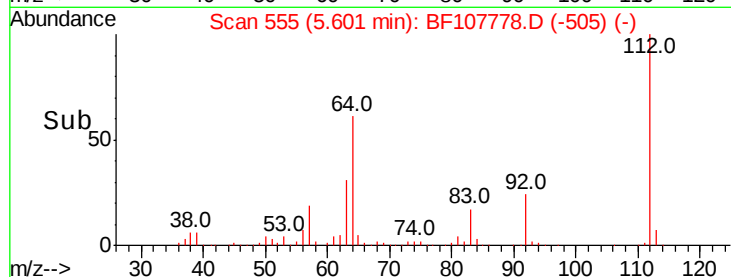
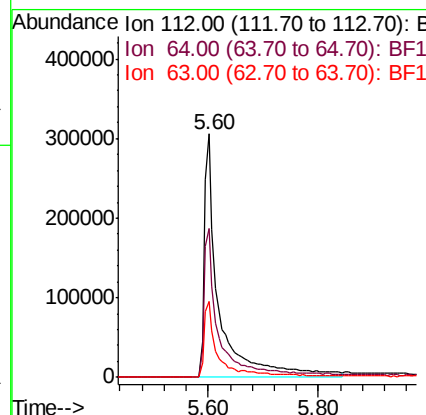
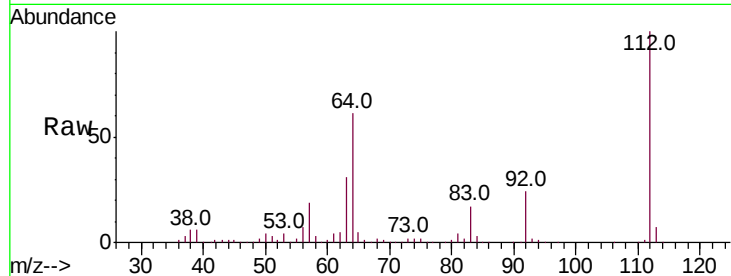
ClientSampleId :

MW-33MSD

Tot Ion:	112	Resp:	568821
Ion Ratio	Lower	Upper	
112	100		
64	61.2	47.9	71.9
63	31.1	23.7	35.5

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#6

Aniline

Concen: 9.955 ng

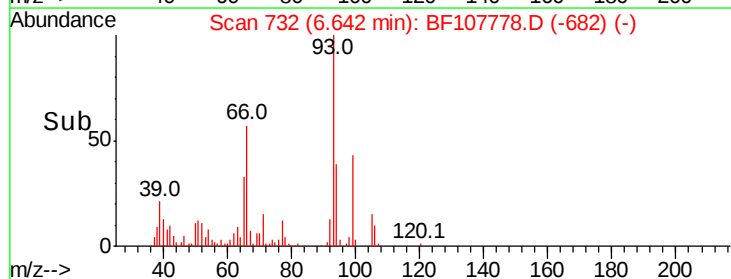
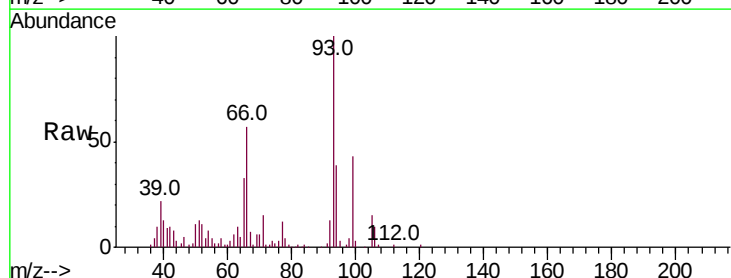
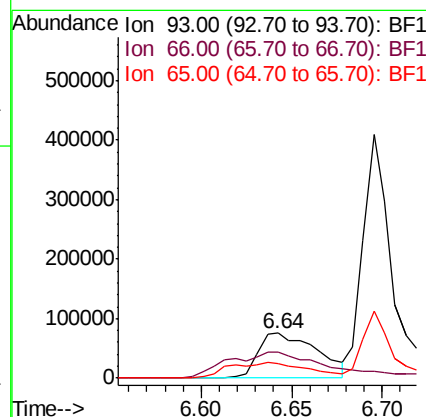
RT: 6.64 min Scan# 732

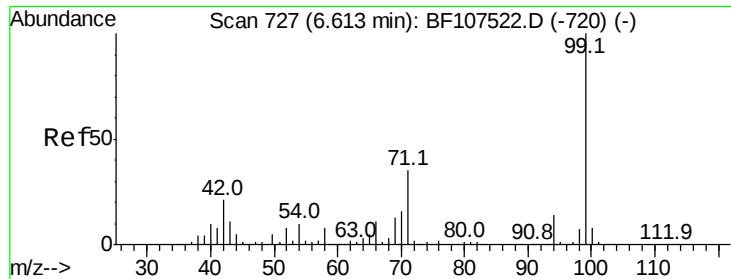
Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Tgt Ion:	93	Resp:	171134
Ion Ratio	Lower	Upper	
93	100		
66	57.2	32.2	48.2#
65	33.0	16.4	24.6#





#7

Phenol-d6

Concen: 31.934 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

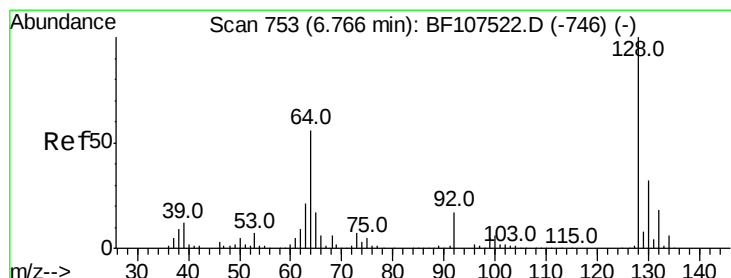
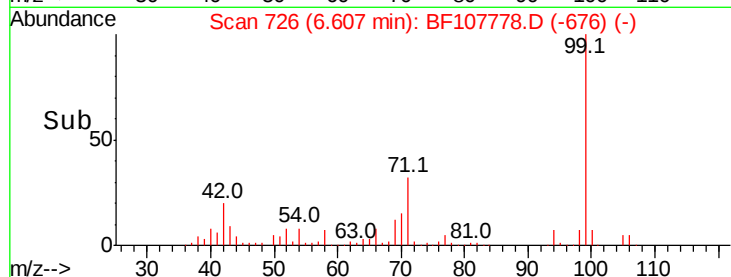
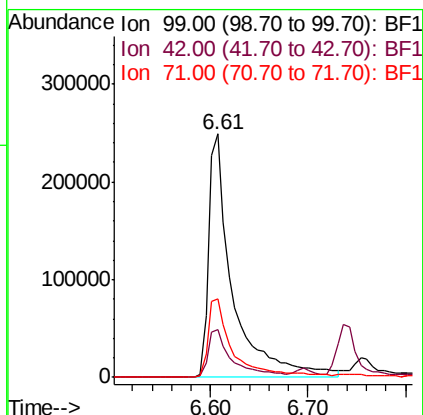
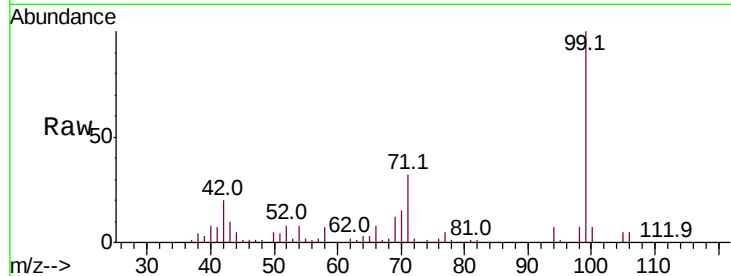
ClientSampleId :

MW-33MSD

Tot Ion:	99	Resp:	425632
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	32.4	25.4	38.0

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#8

2-Chlorophenol

Concen: 34.550 ng

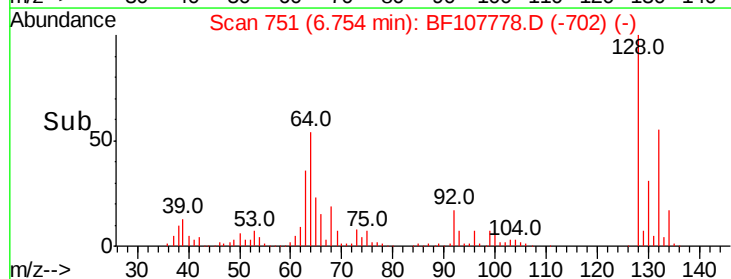
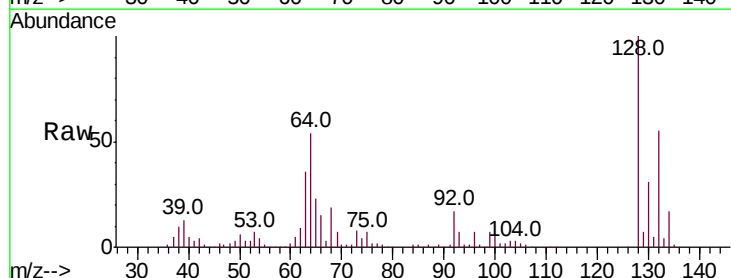
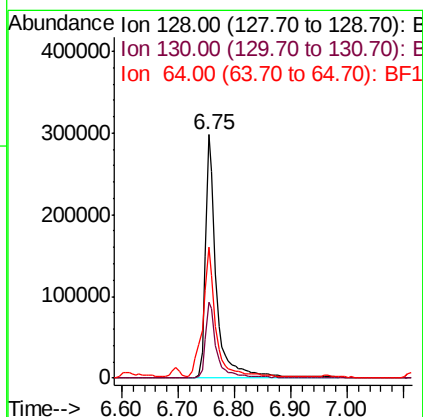
RT: 6.75 min Scan# 751

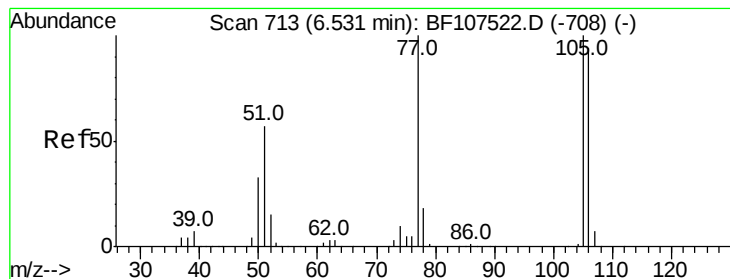
Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Tgt Ion:	128	Resp:	410880
Ion Ratio	Lower	Upper	
128	100		
130	31.3	13.0	53.0
64	53.7	29.4	69.4





#9

Benzaldehyde

Concen: 23.211 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

Tot Ion: 77 Resp: 210879

Ion Ratio Lower Upper

77 100

105 107.5 81.1 121.1

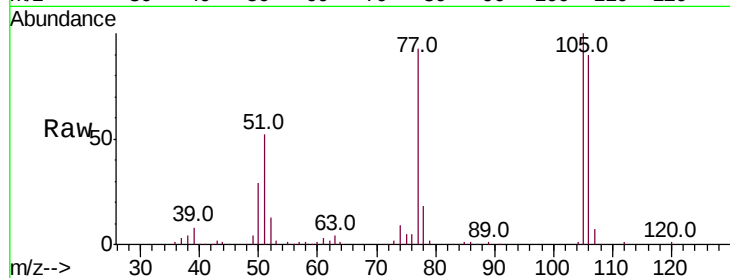
106 97.0 74.5 114.5

Manual Integrations

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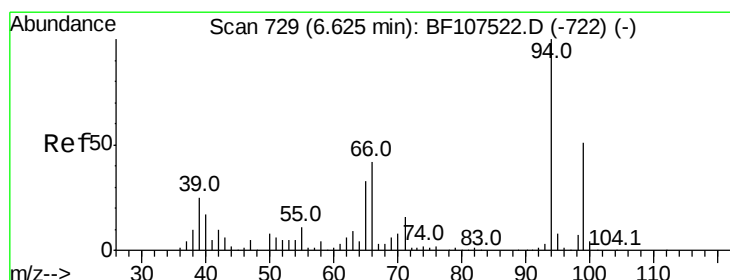
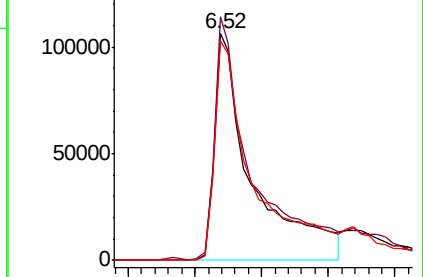
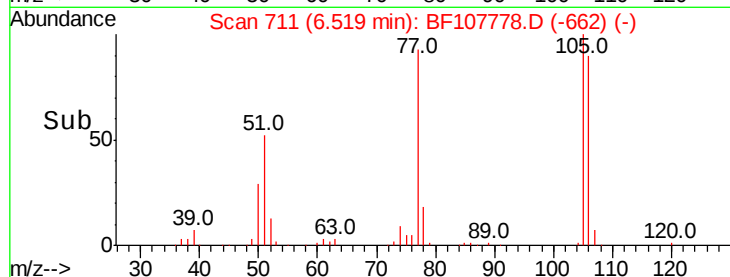
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 9.670 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

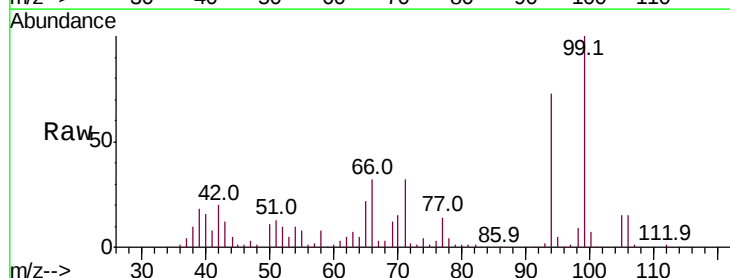
Tgt Ion: 94 Resp: 151584

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

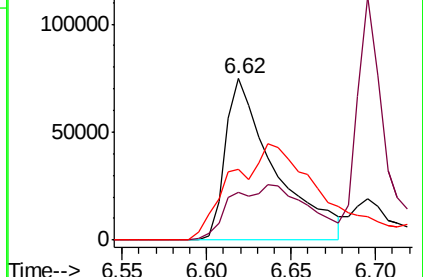
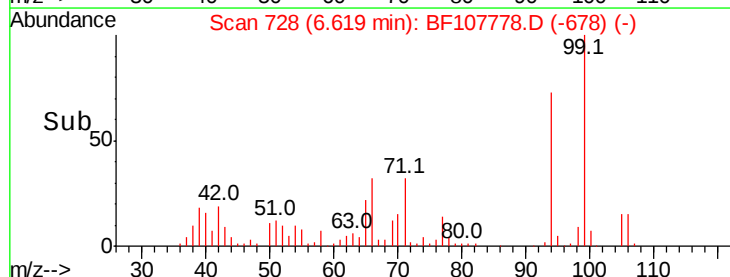
66 44.3 16.2 56.2

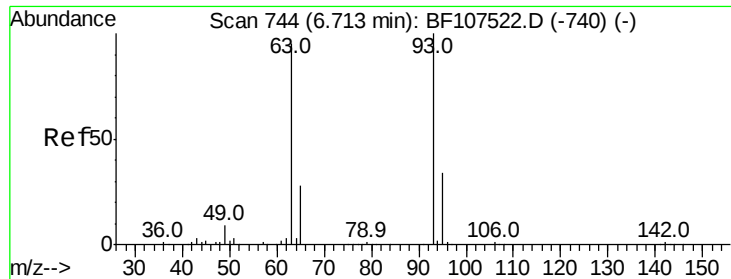


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





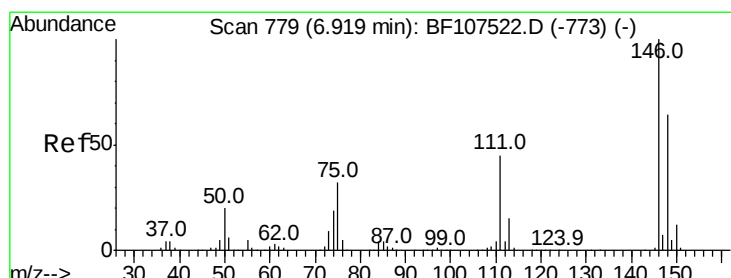
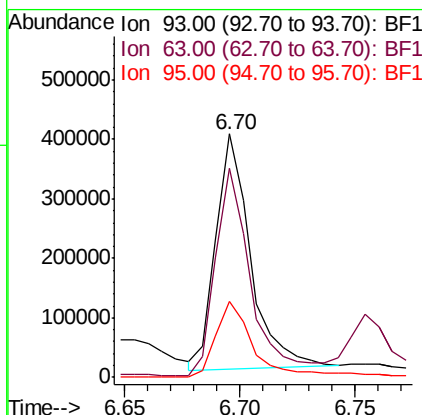
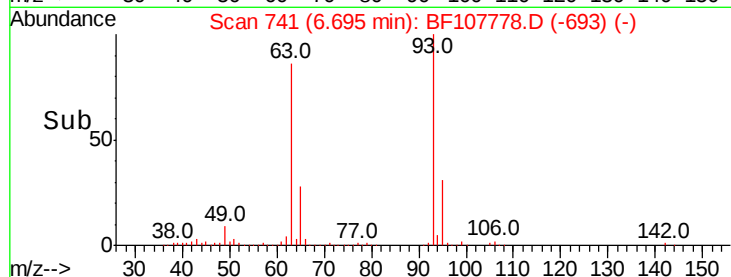
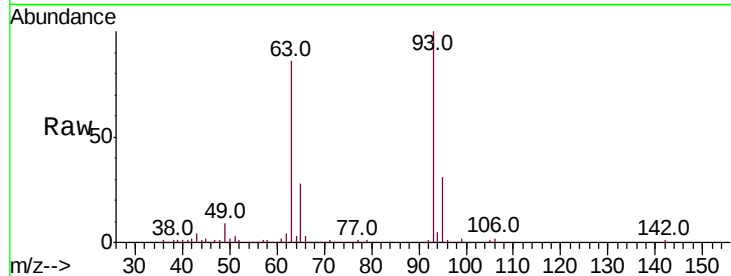
#11
bis(2-Chloroethyl)ether
Concen: 31.786 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	93	Resp	413088
Ion Ratio	100	Lower	Upper
63	86.0	58.6	98.6
95	31.3	11.8	51.8

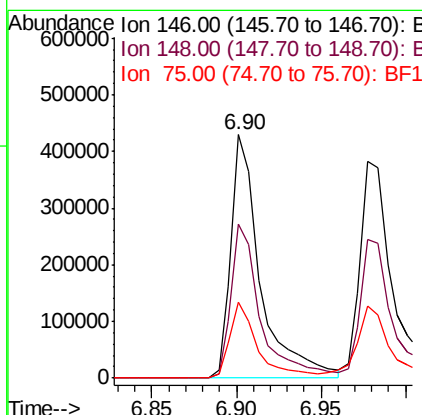
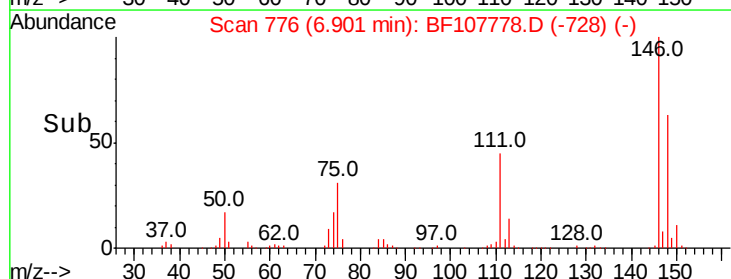
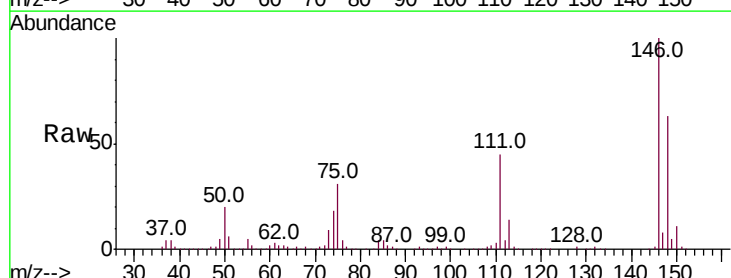
Manual Integrations
APPROVED

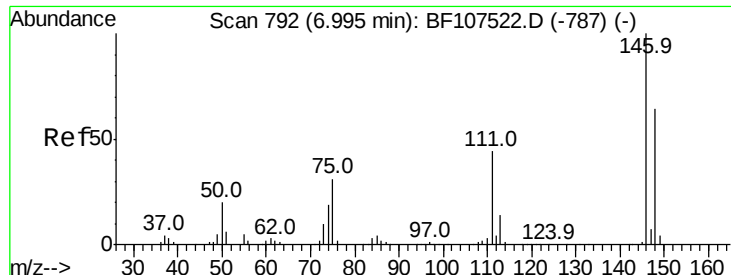
Sohil
7/30/2018 2:03:44 PM



#12
1,3-Dichlorobenzene
Concen: 38.711 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	146	Resp	521959
Ion Ratio	100	Lower	Upper
148	63.3	51.8	77.8
75	31.2	24.2	36.4





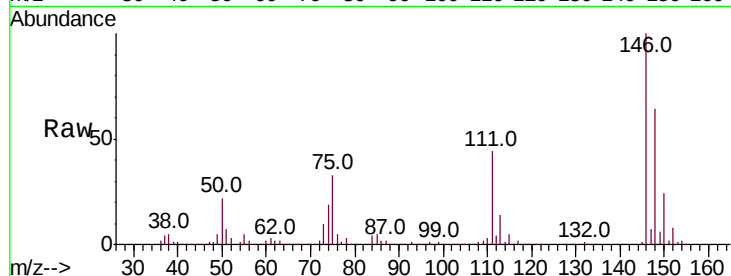
#13
1,4-Dichlorobenzene
Concen: 41.676 ng
RT: 6.98 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampled :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	43.5	34.2	51.2

Manual Integrations
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7/30/2018 2:03:44 PM

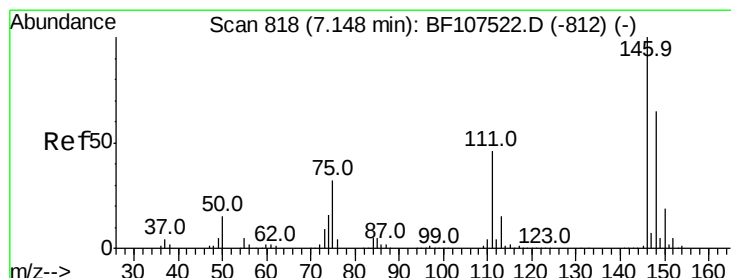
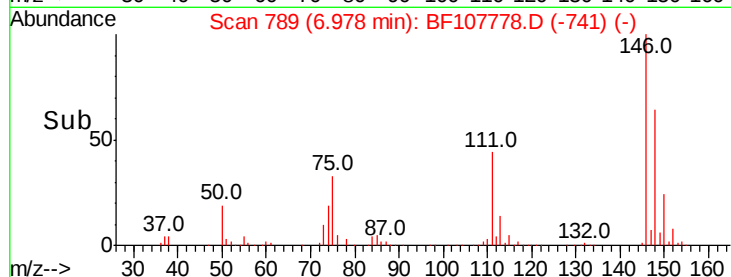
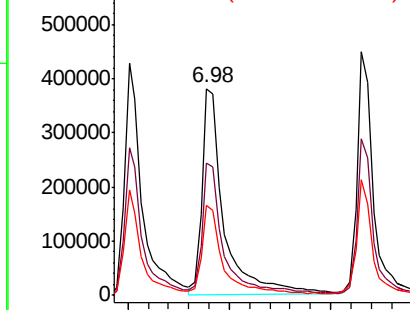


Abundance

Ion 146.00 (145.70 to 146.70): E

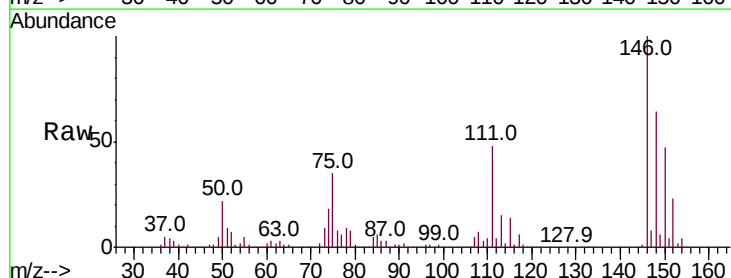
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 42.777 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	47.6	36.0	54.0

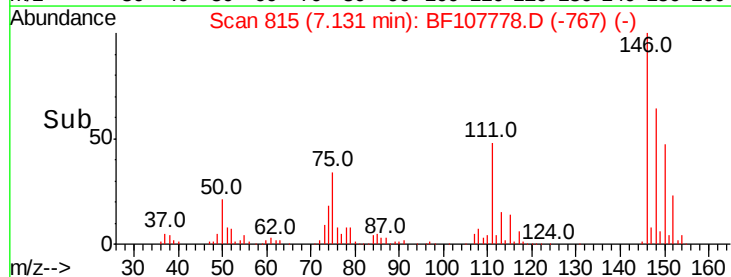
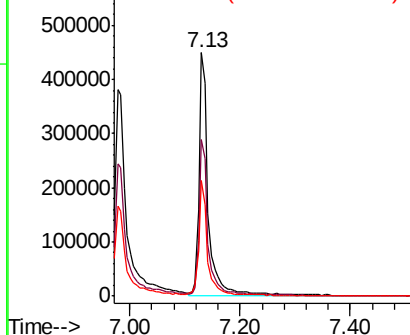


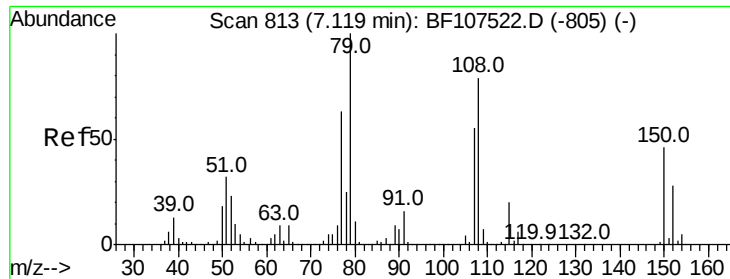
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





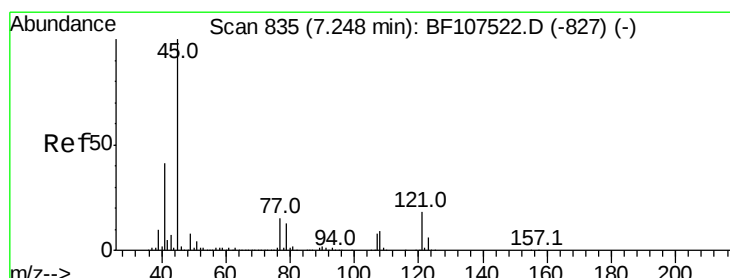
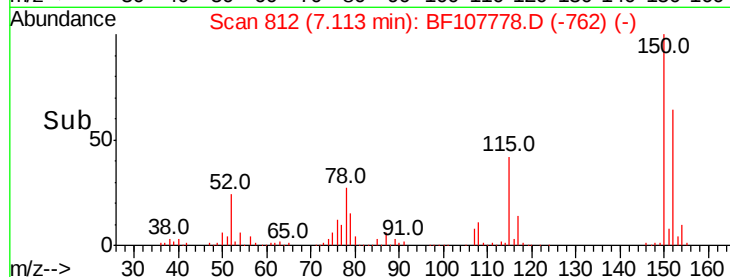
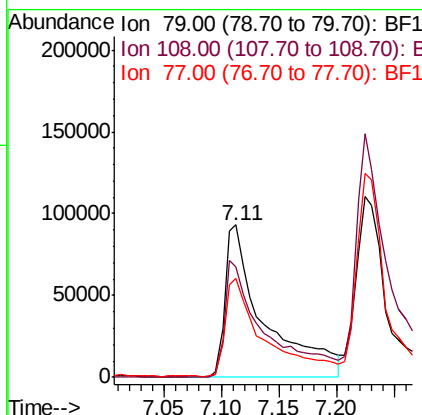
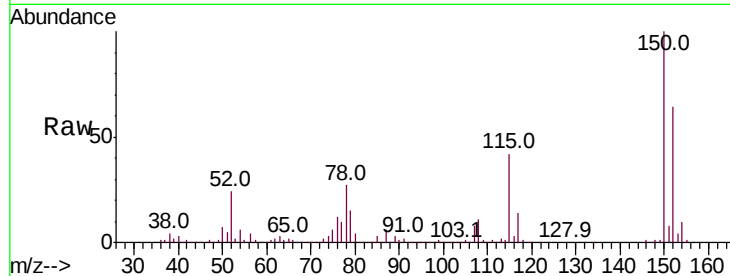
#15
Benzyl Alcohol
Concen: 24.249 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampled :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	65.1	97.7
77	64.5	50.6	75.8

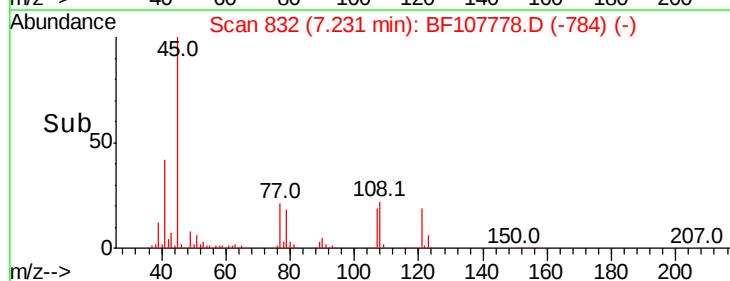
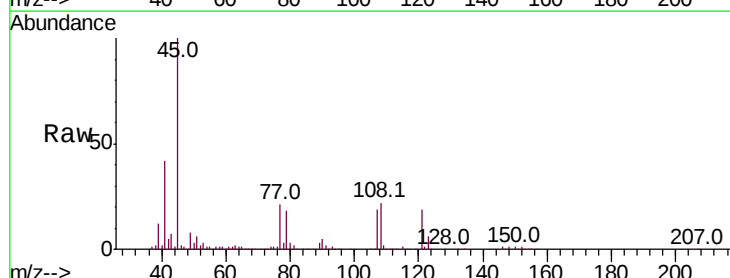
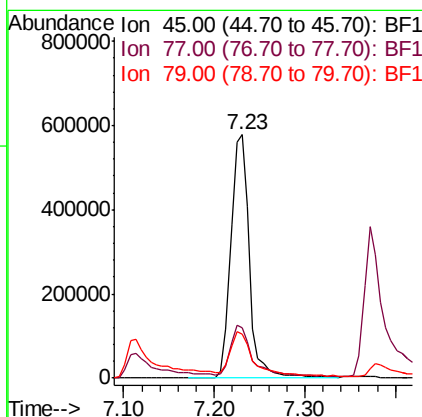
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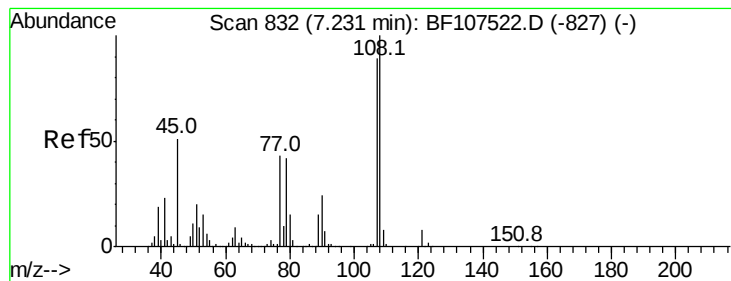
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7/30/2018 2:03:44 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.620 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.9	0.0	32.9
79	18.1	0.0	29.6





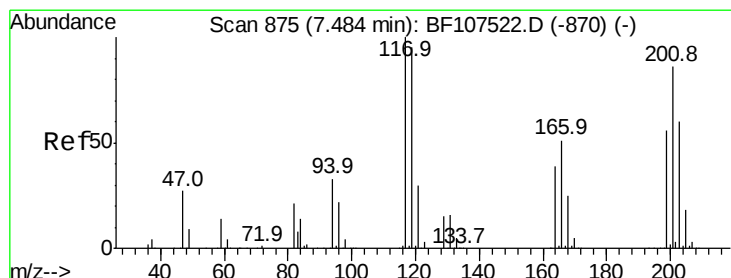
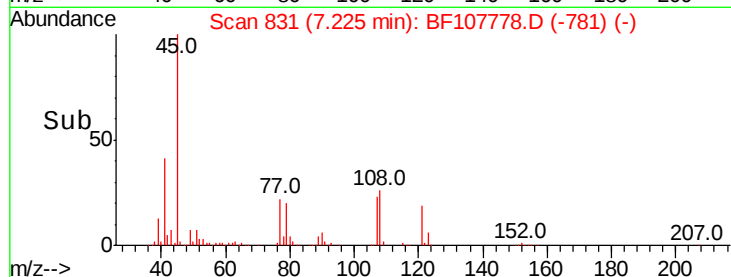
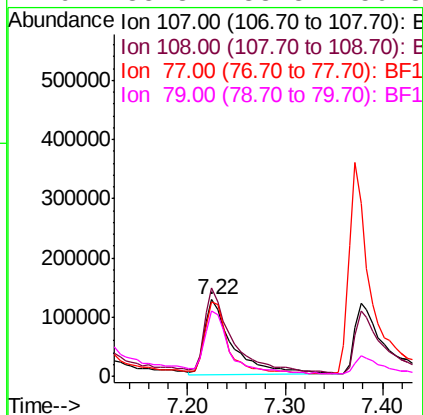
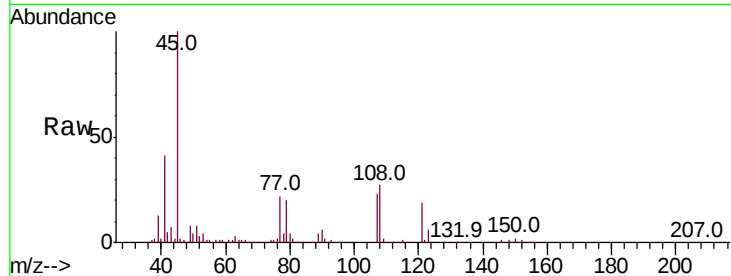
#17
2-Methylphenol
Concen: 25.332 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	91.7	137.5	
77	96.0	33.8	50.8#	
79	85.3	33.8	50.8#	

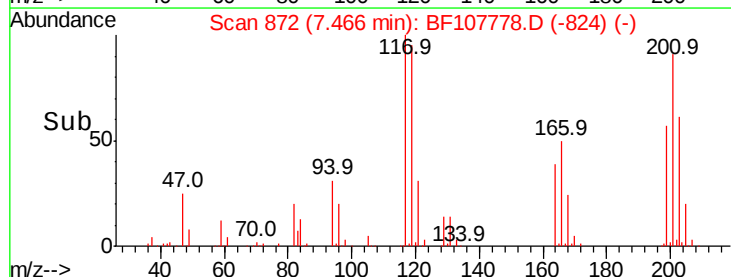
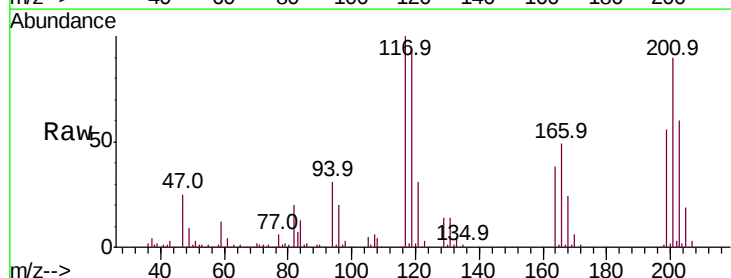
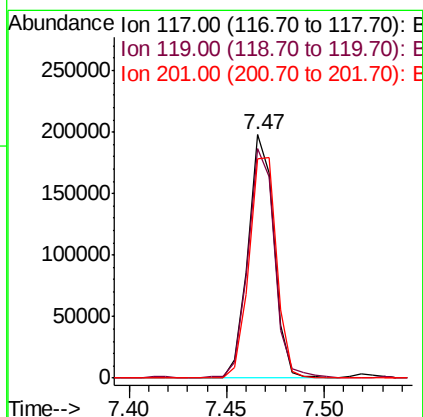
Manual Integrations
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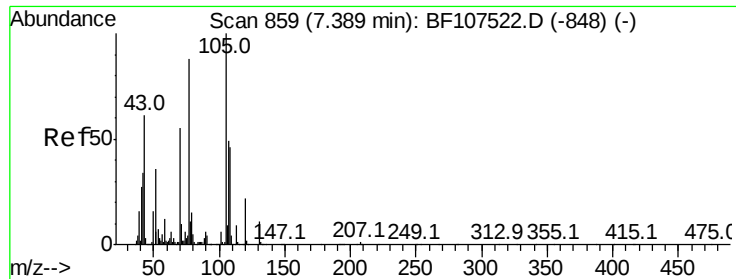
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7/30/2018 2:03:44 PM



#18
Hexachloroethane
Concen: 37.736 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	75.8	113.8	
201	90.0	75.7	113.5	





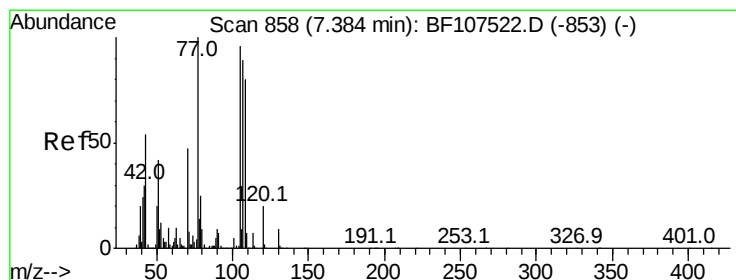
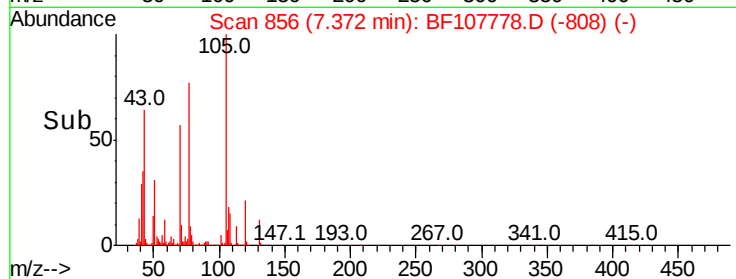
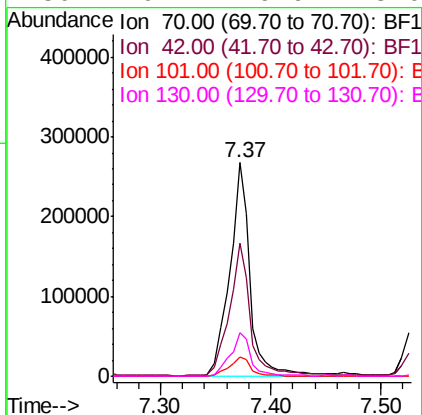
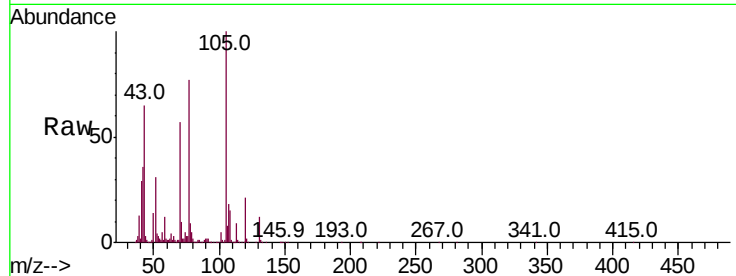
#19
n-Nitroso-di-n-propylamine
Concen: 40.583 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.5	71.3
101	9.1	7.4	11.2
130	20.7	16.6	25.0

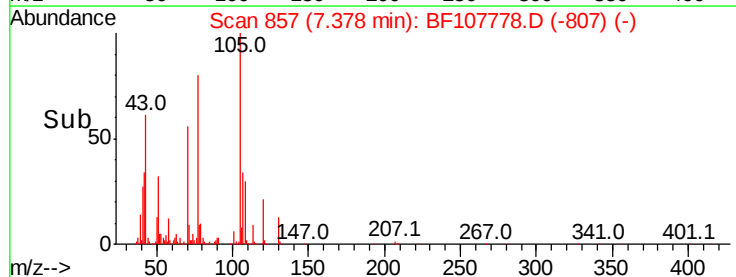
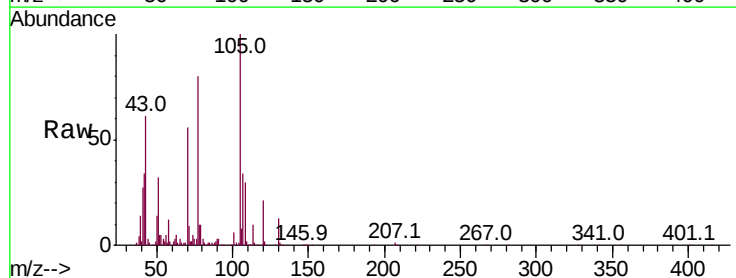
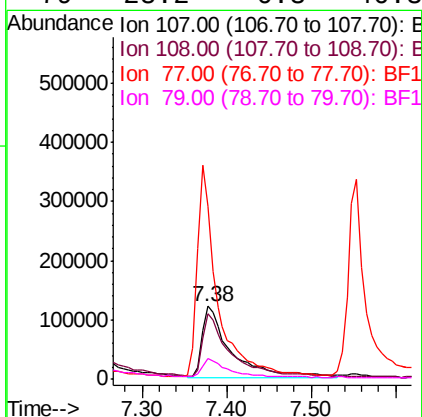
Manual Integrations
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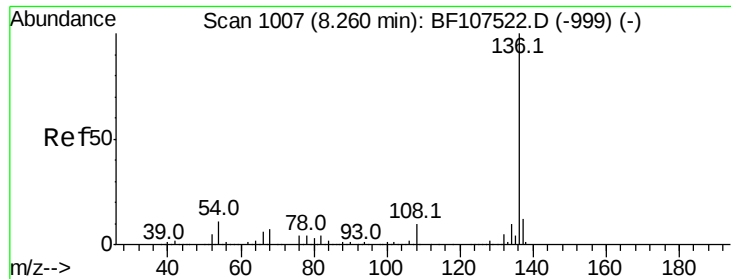
Sohil
7/30/2018 2:03:44 PM



#20
3+4-Methylphenols
Concen: 24.619 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	236.7	26.7	66.7#
79	28.2	6.3	46.3





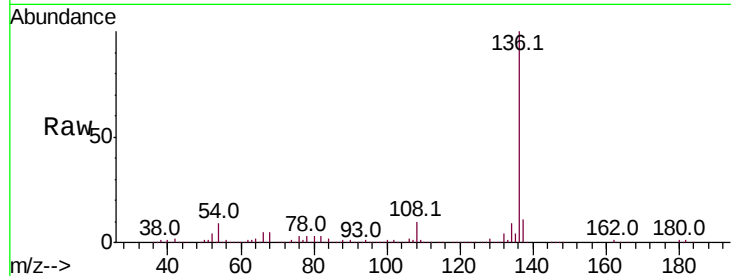
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	660447		
137	10.6	8.9	13.3	
54	9.5	6.6	9.8	
68	5.2	5.0	7.4	

Manual Integrations
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7/30/2018 2:03:44 PM



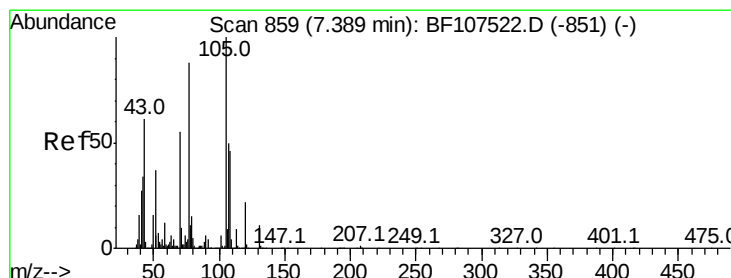
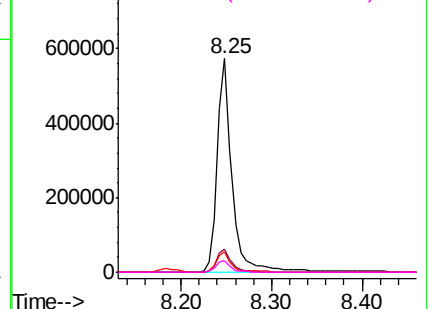
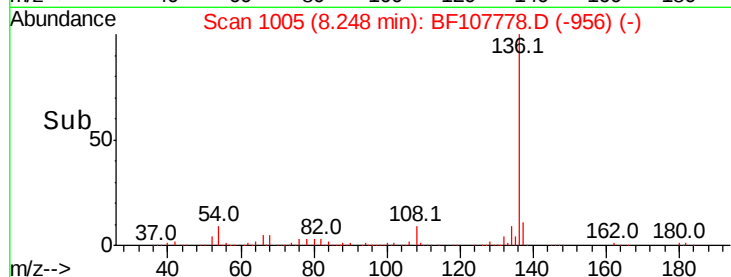
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

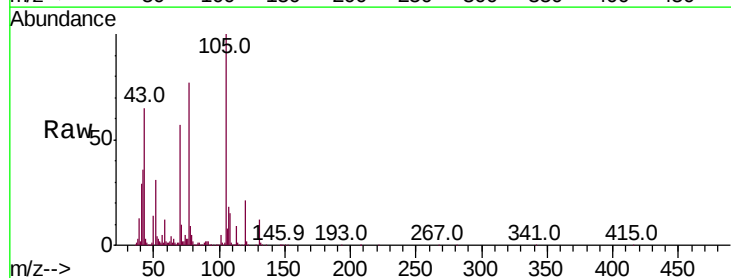
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 47.734 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	740390		
71	10.0	4.4	6.6#	
51	30.9	22.3	33.5	
120	21.3	16.9	25.3	



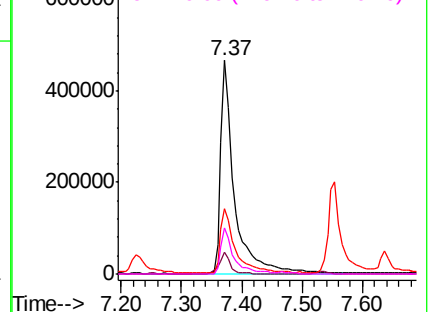
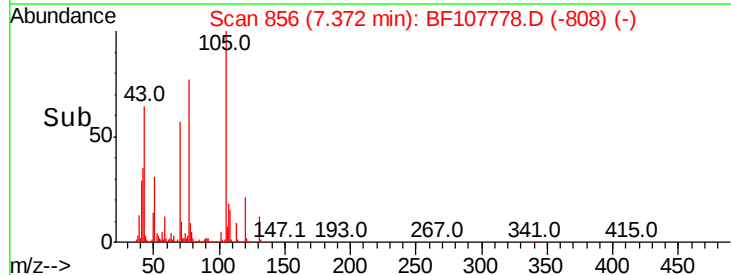
Abundance

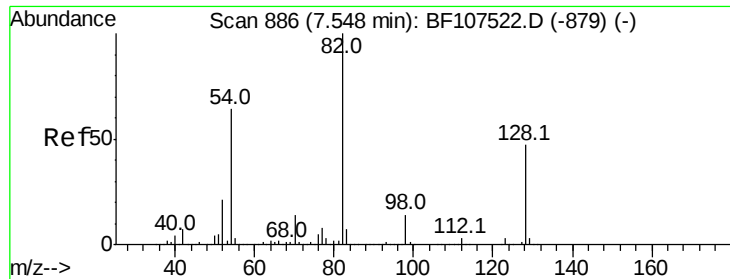
Ion 105.00 (104.70 to 105.70): E

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





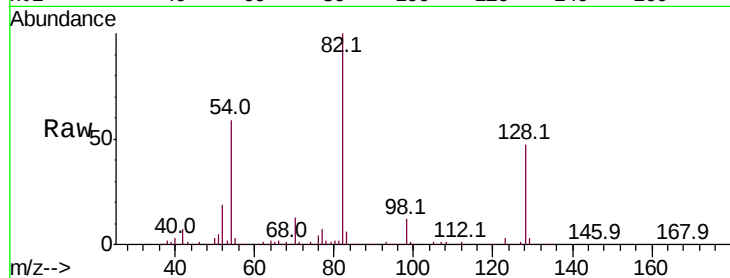
#23
Nitrobenzene-d5
Concen: 104.108 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

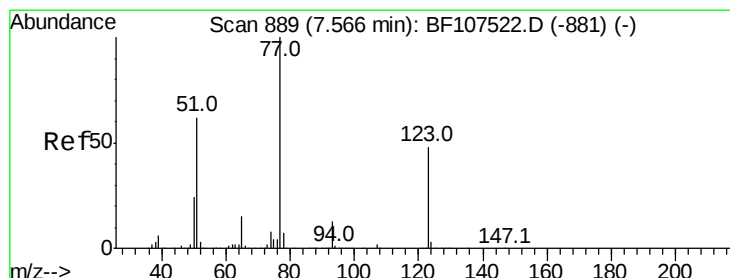
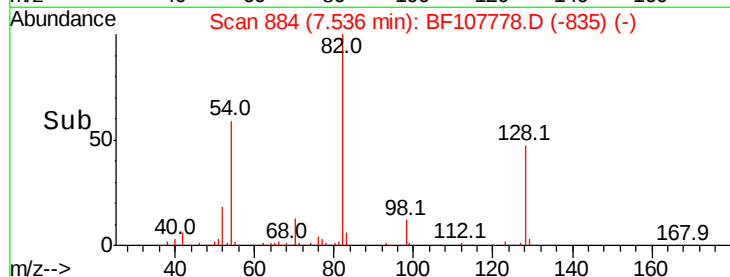
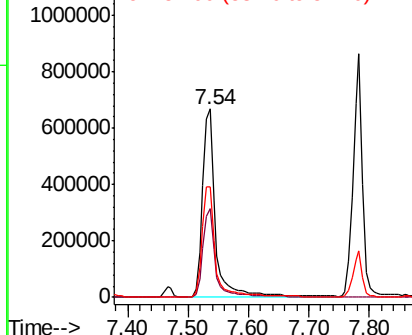
Tot Ion: 82 Resp: 1018825
Ion Ratio Lower Upper
82 100
128 47.4 36.1 54.1
54 59.1 41.4 62.2

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7/30/2018 2:03:44 PM



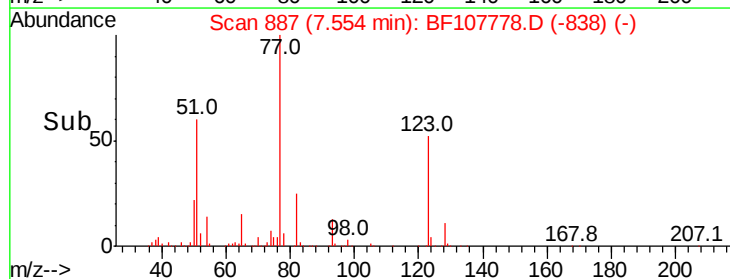
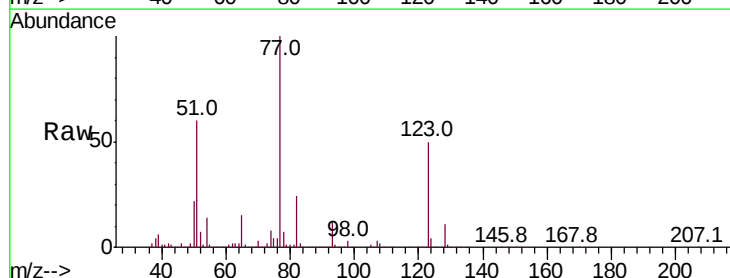
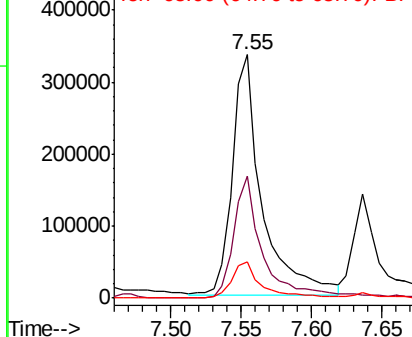
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

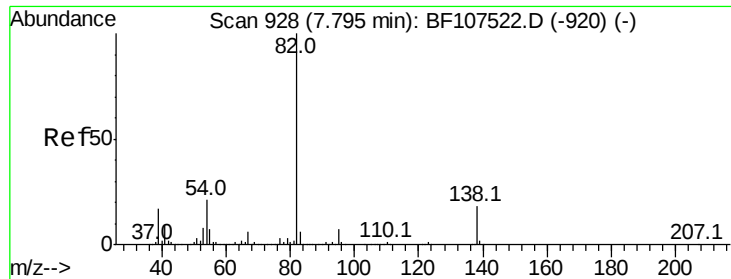


#24
Nitrobenzene
Concen: 44.171 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion: 77 Resp: 495104
Ion Ratio Lower Upper
77 100
123 50.2 37.9 56.9
65 15.0 11.0 16.4

Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





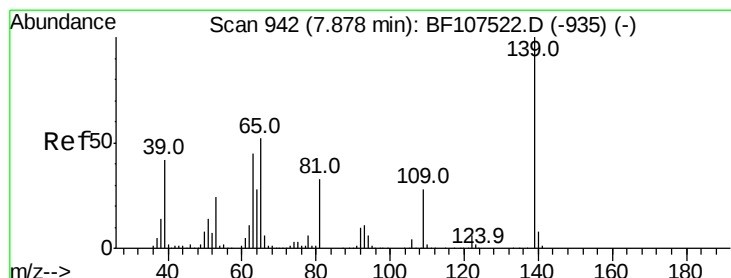
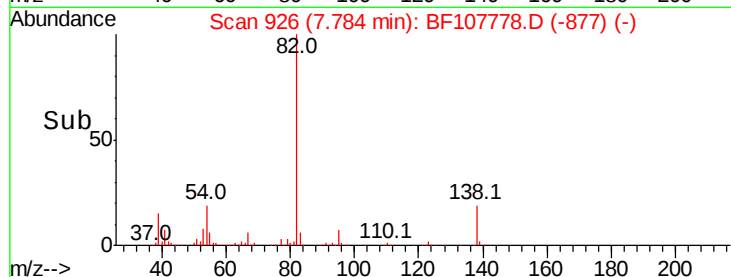
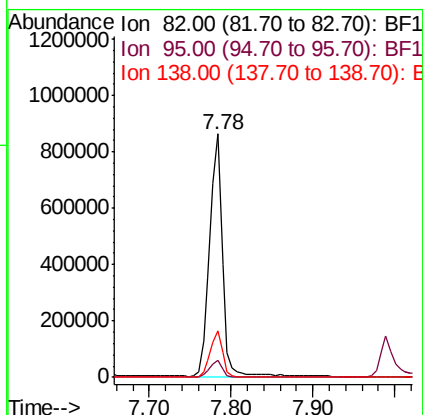
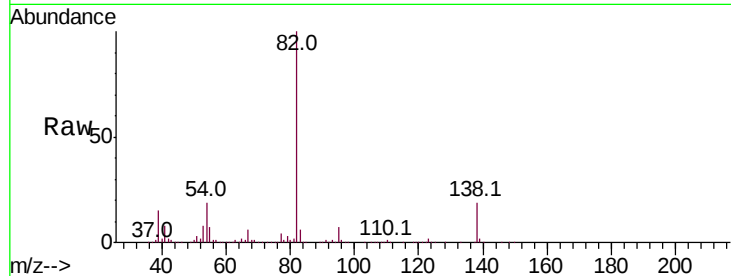
#25
Isophorone
Concen: 45.331 ng
RT: 7.78 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.2	7.8	
138	19.3	14.9	22.3	

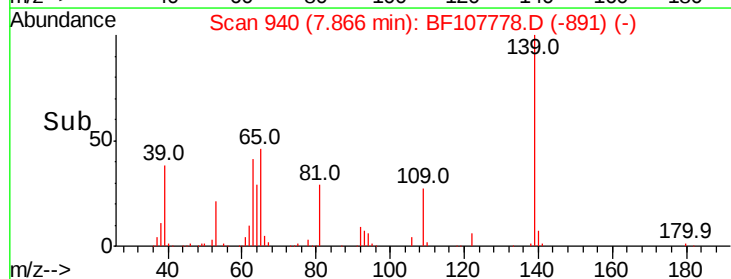
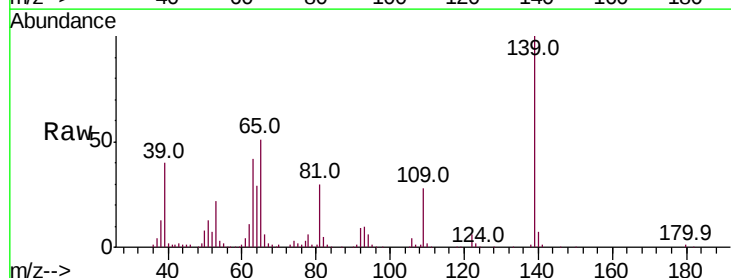
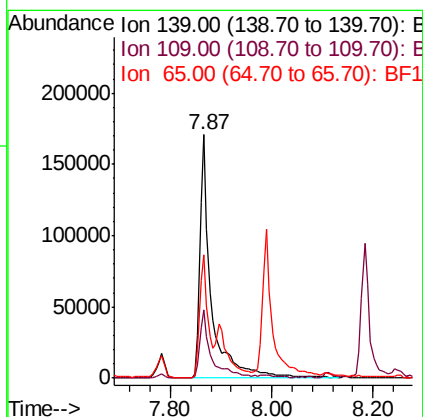
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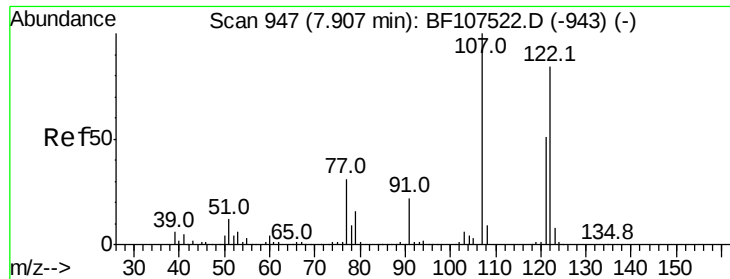
Sohil
7/30/2018 2:03:44 PM



#26
2-Nitrophenol
Concen: 56.758 ng
RT: 7.87 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.8	22.7	34.1	
65	50.5	40.5	60.7	





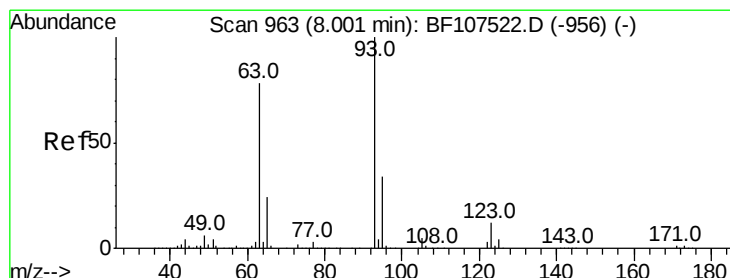
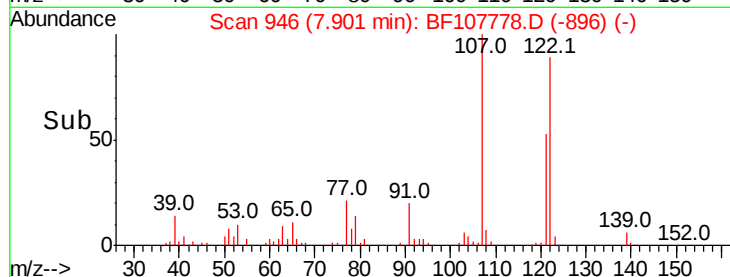
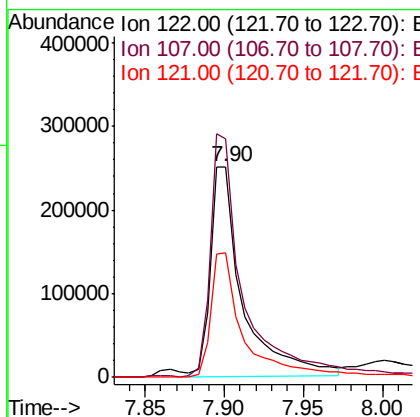
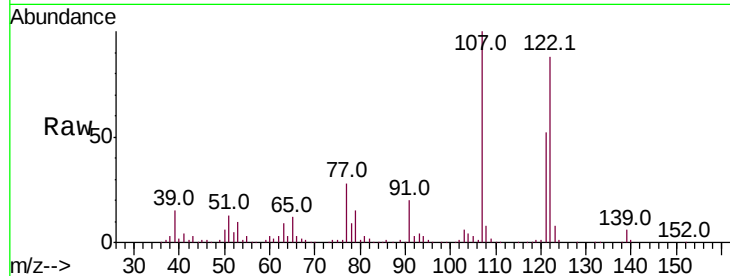
#27
2,4-Dimethylphenol
Concen: 39.847 ng
RT: 7.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.1	91.2	136.8
121	59.0	47.2	70.8

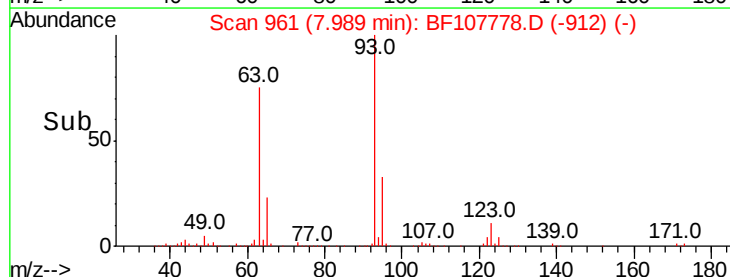
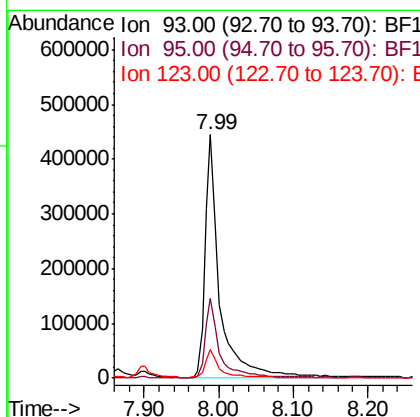
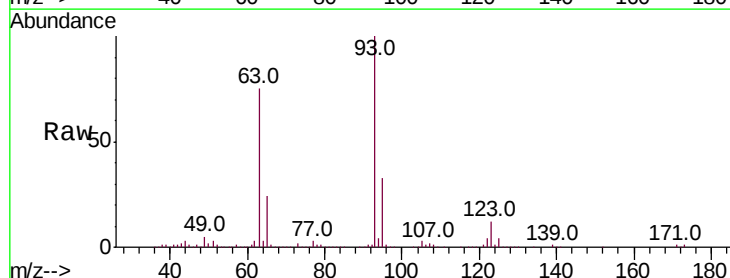
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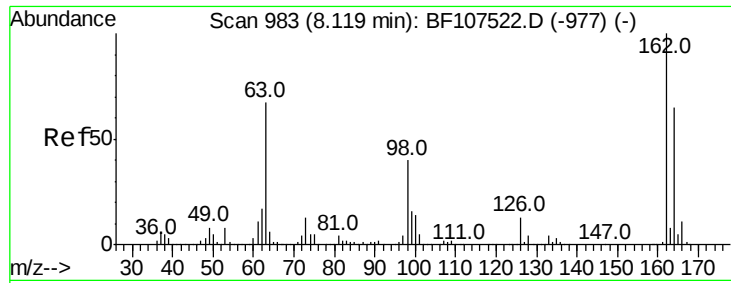
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7/30/2018 2:03:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.867 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.7	9.8	14.6





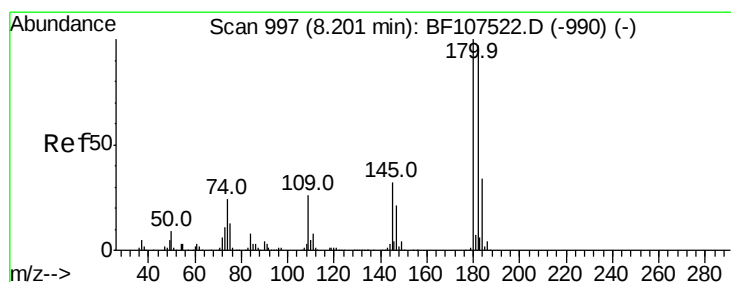
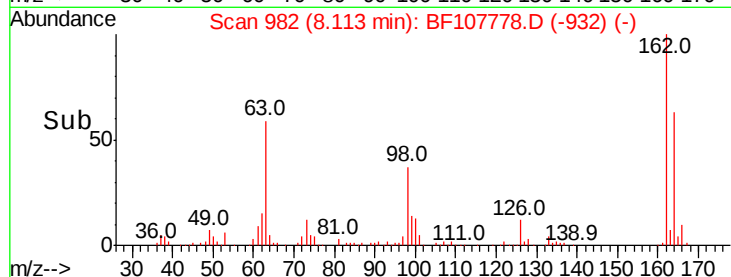
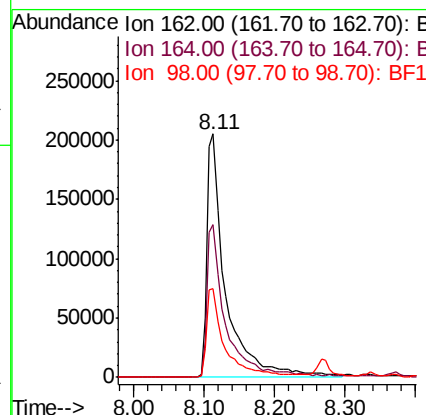
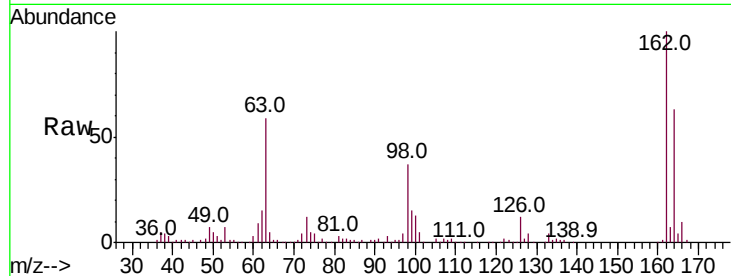
#29
2,4-Dichlorophenol
Concen: 41.301 ng
RT: 8.11 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	378227		
164	62.5	42.7	82.7	
98	36.6	18.1	58.1	

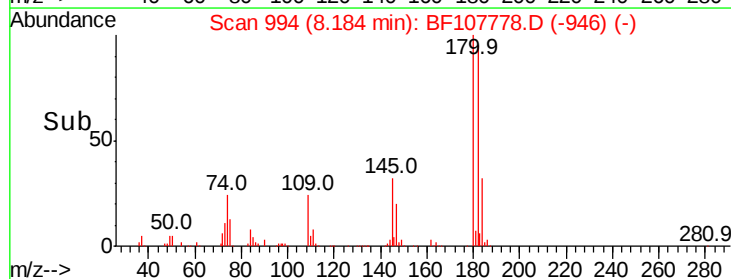
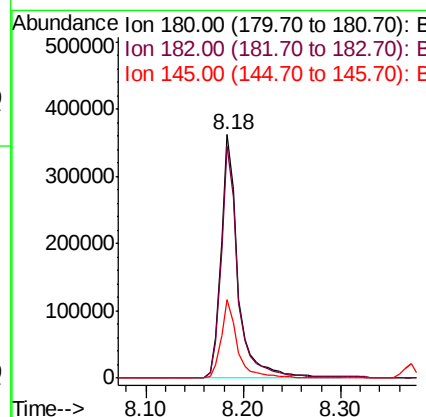
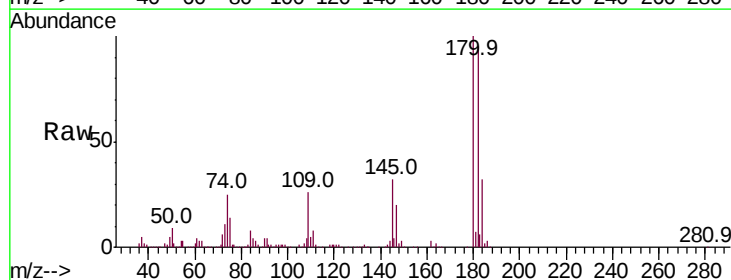
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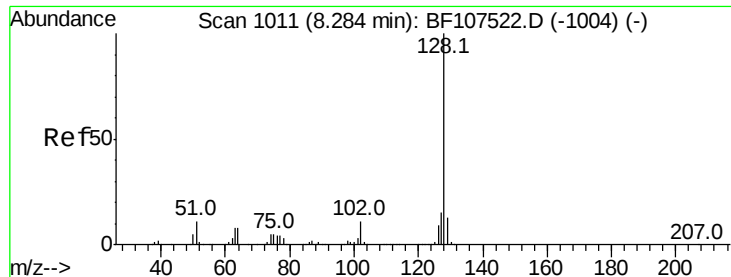
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#30
1,2,4-Trichlorobenzene
Concen: 42.740 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	439609		
182	95.2	76.8	115.2	
145	32.2	26.5	39.7	





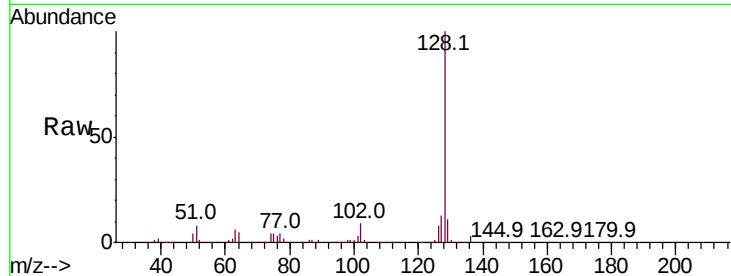
#31
Naphthalene
Concen: 49.086 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampled :
MW-33MSD

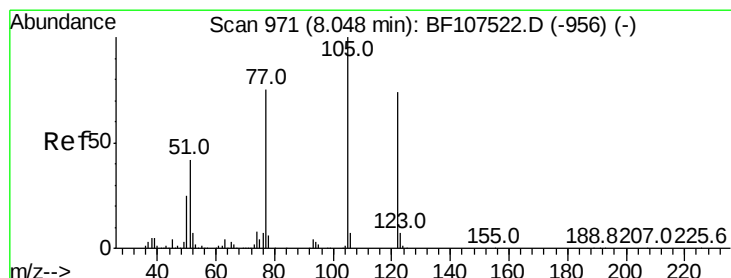
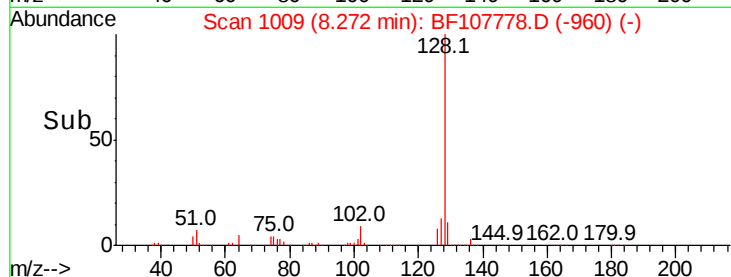
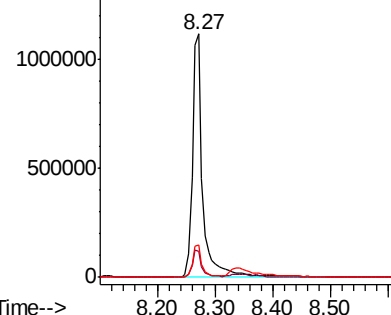
Tot Ion:128 Resp: 1425597
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.9 16.3

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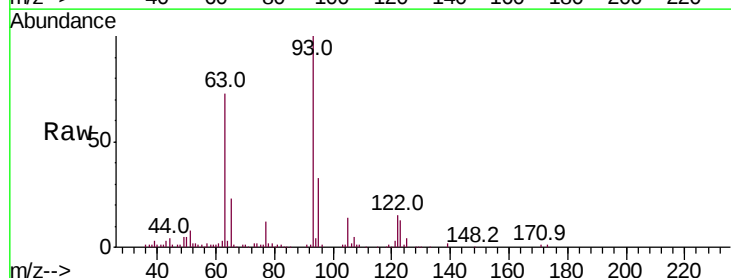


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

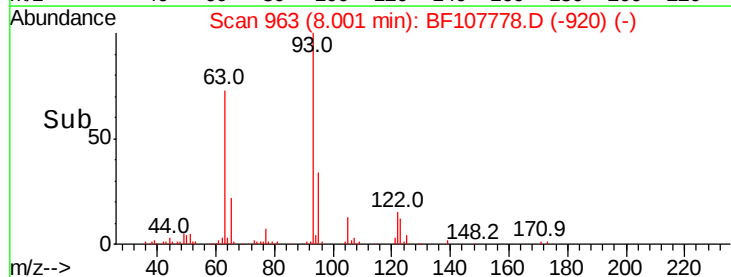
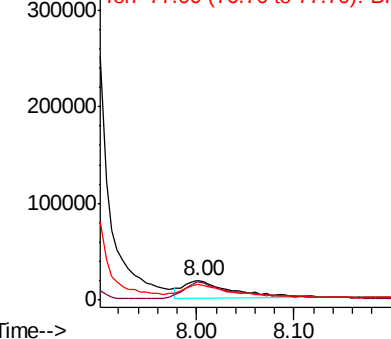


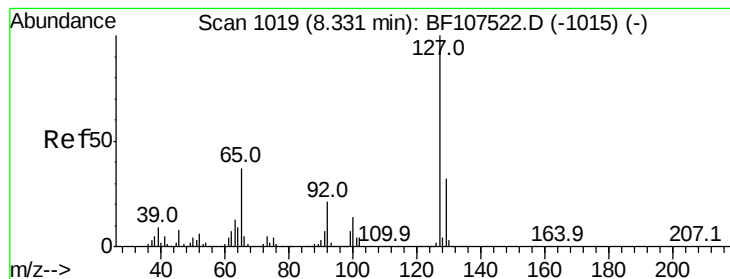
#32
Benzoic acid
Concen: 16.265 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:122 Resp: 62634
Ion Ratio Lower Upper
122 100
105 97.9 101.1 141.1#
77 82.4 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: 11.905 ng

RT: 8.34 min Scan# 1020

Delta R.T. 0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

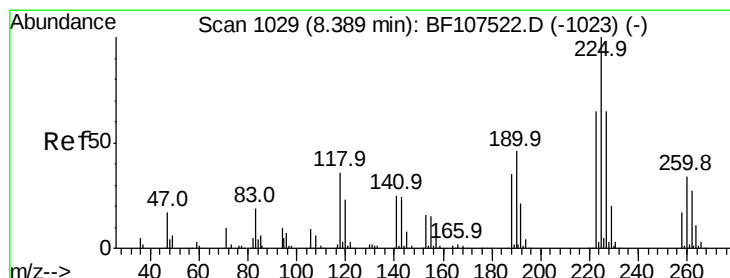
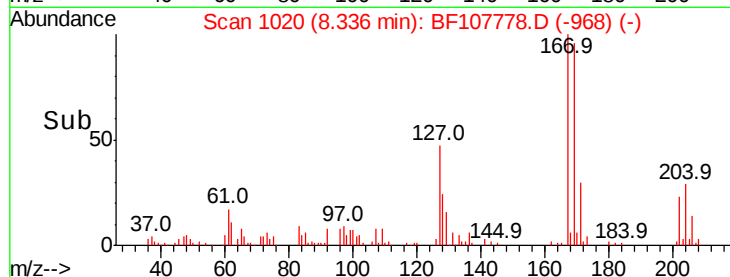
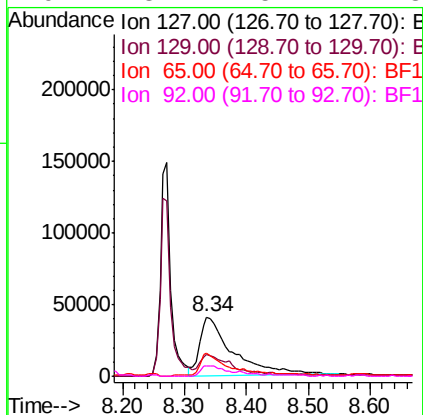
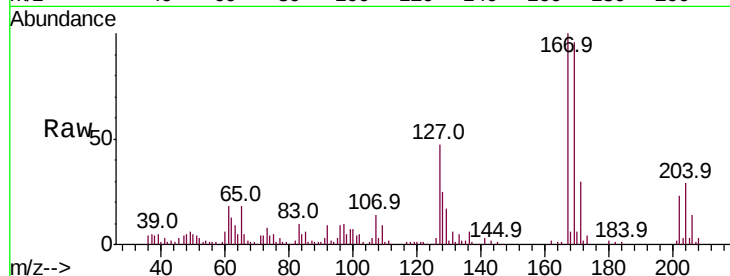
ClientSampleId :

MW-33MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	37.0	25.9	38.9
65	39.2	25.0	37.4
92	18.2	15.2	22.8

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7/30/2018 2:03:44 PM



#34

Hexachlorobutadiene

Concen: 42.287 ng

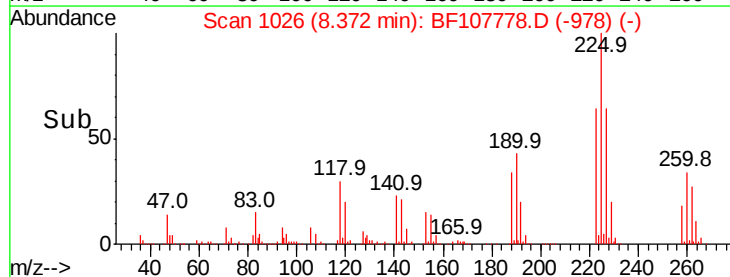
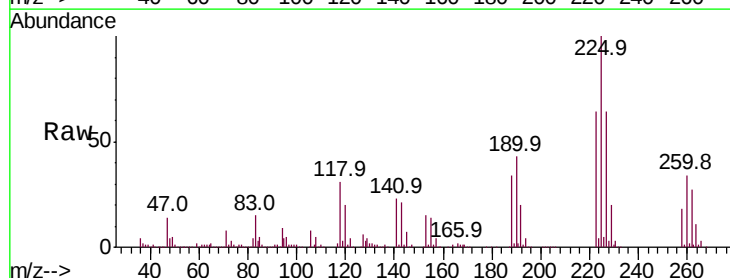
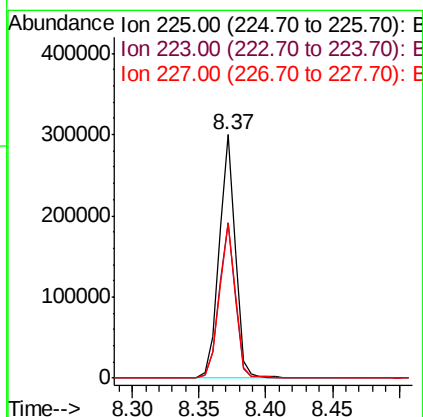
RT: 8.37 min Scan# 1026

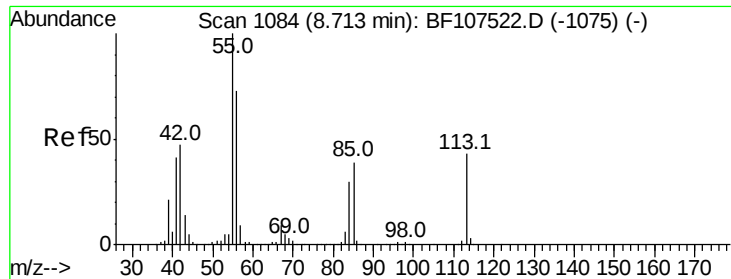
Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.0	51.9	77.9





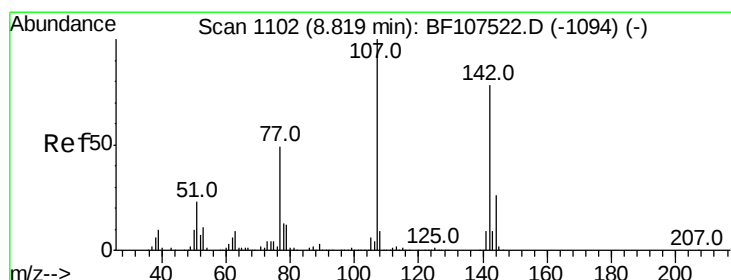
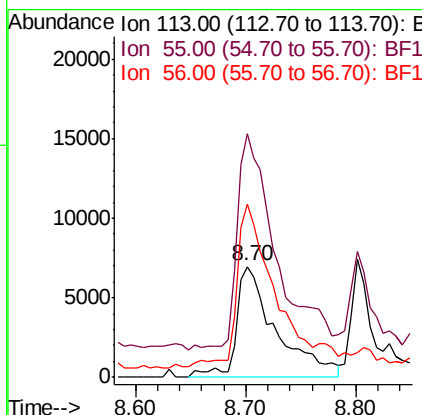
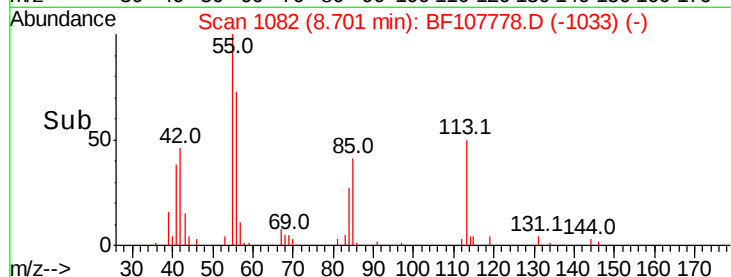
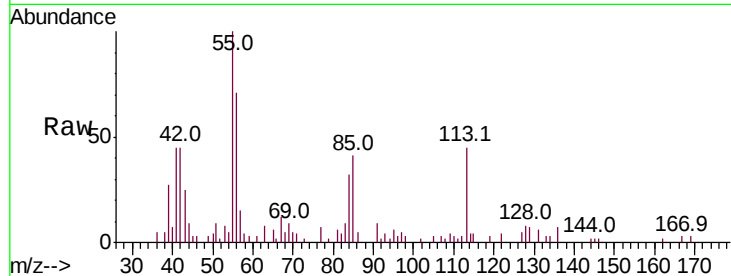
#35
 Caprolactam
 Concen: 5.950 ng
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampled :
 MW-33MSD

Tot Ion:113 Resp: 17722
 Ion Ratio Lower Upper
 113 100
 55 220.2 163.3 203.3#
 56 156.8 115.7 155.7#

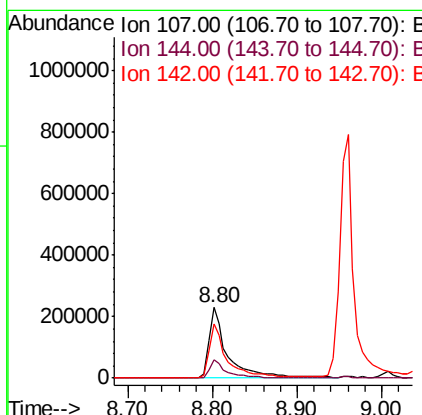
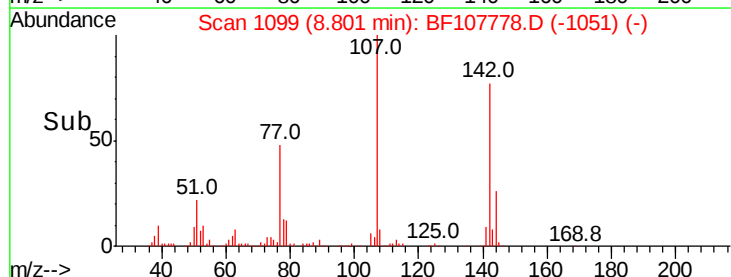
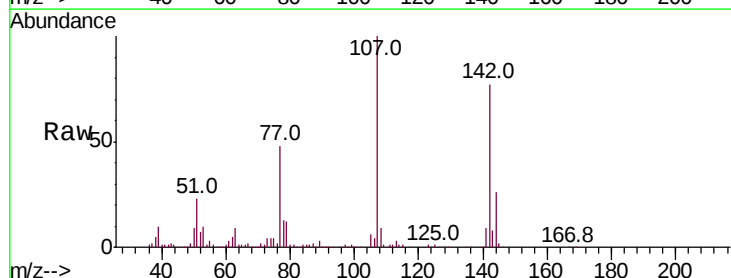
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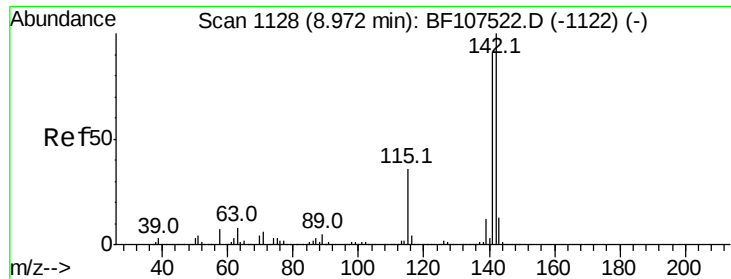
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#36
 4-Chloro-3-methylphenol
 Concen: 34.545 ng
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:107 Resp: 351416
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 77.2 62.0 93.0





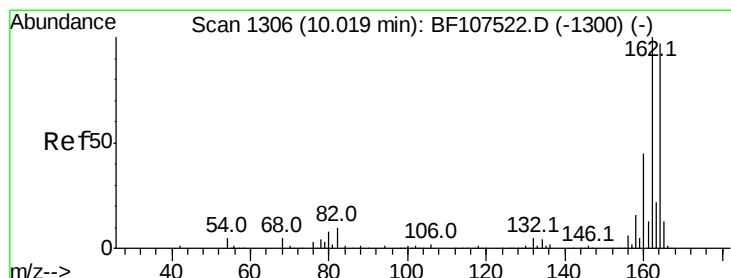
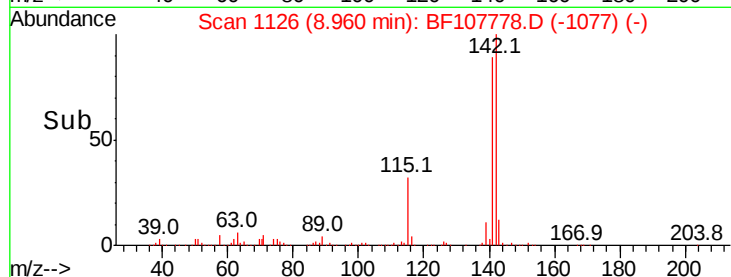
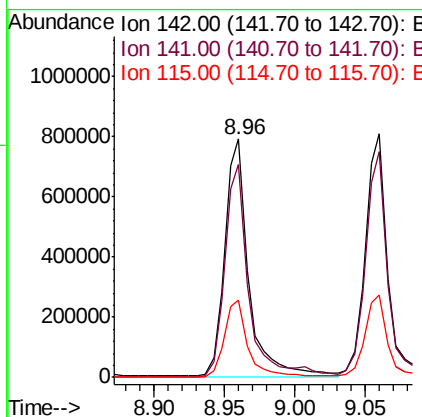
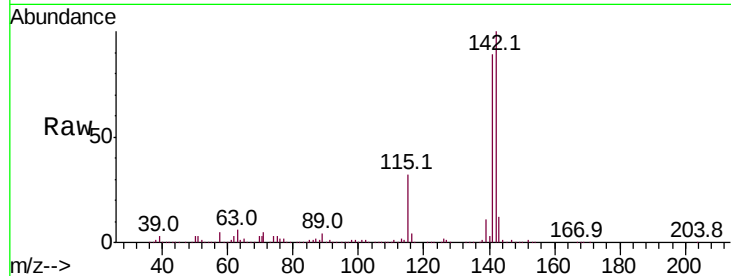
#37
2-Methylnaphthalene
Concen: 46.393 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampled :
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	933679		
141	89.2	70.8	106.2	
115	32.2	26.1	39.1	

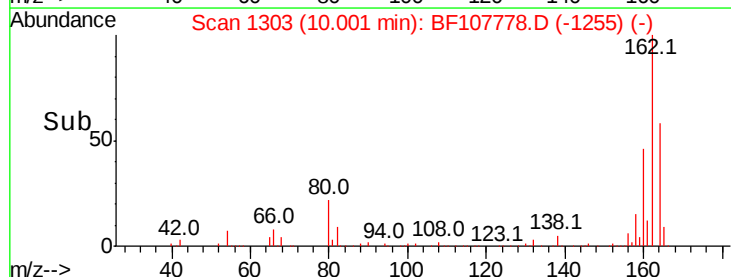
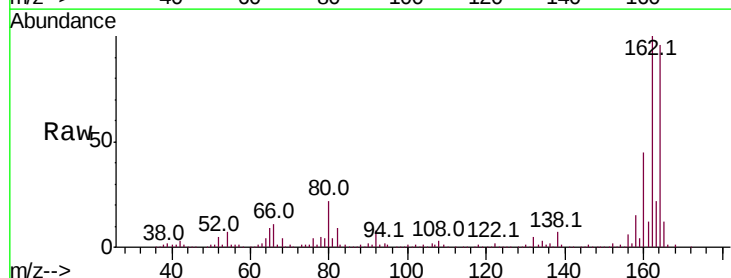
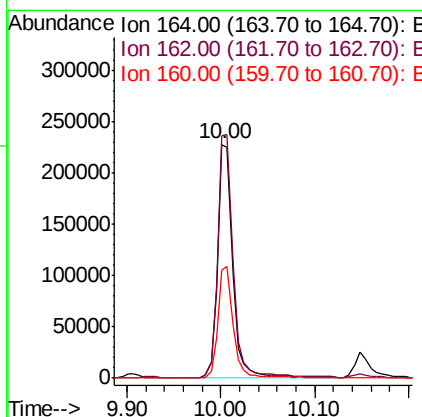
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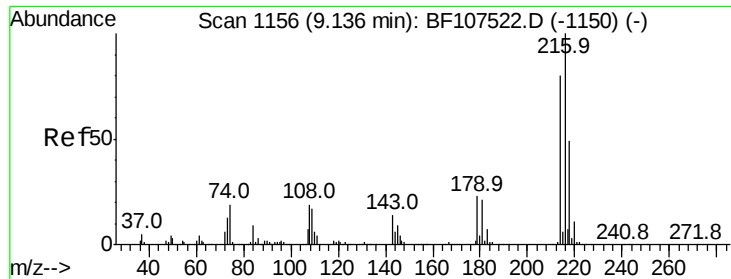
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7/30/2018 2:03:44 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	259364		
162	103.7	86.1	129.1	
160	46.3	38.3	57.5	





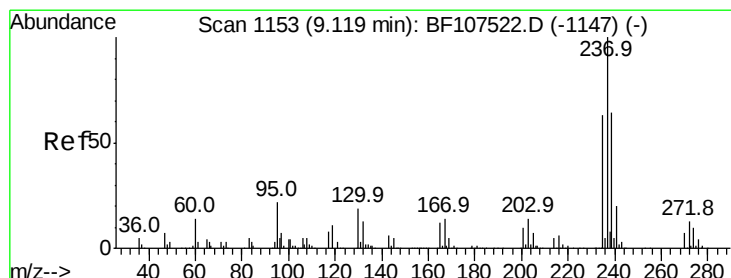
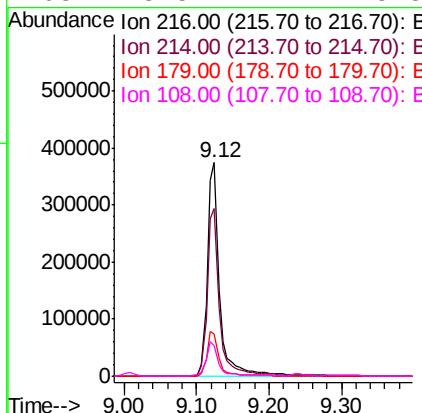
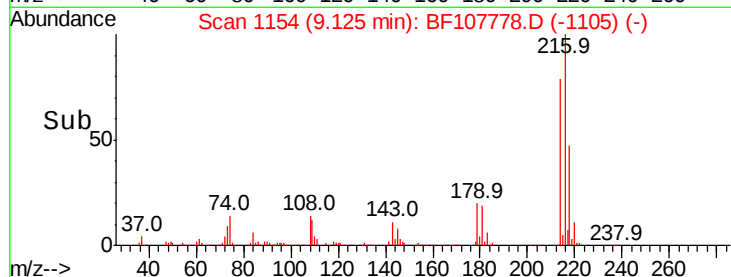
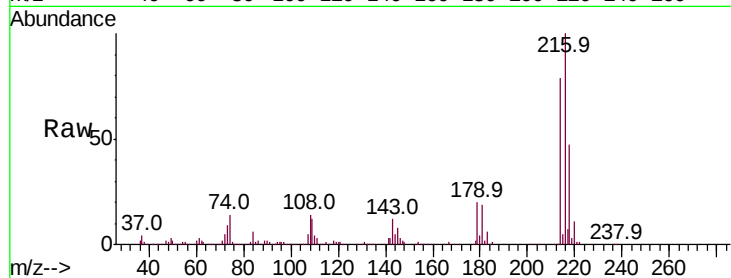
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.099 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.0	94.4
179	20.5	18.1	27.1
108	15.5	17.2	25.8

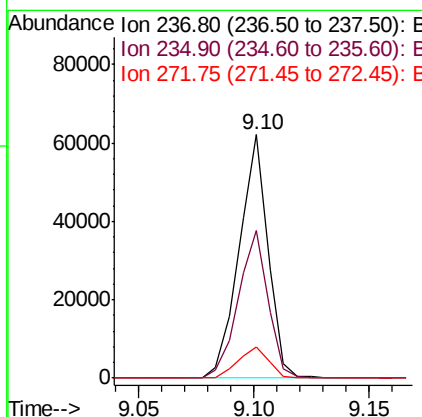
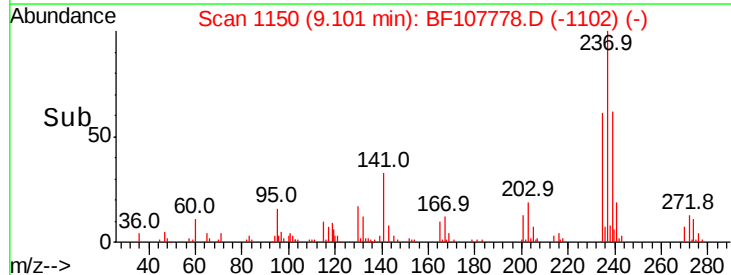
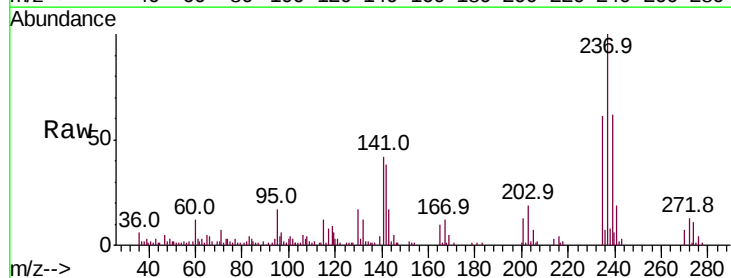
Manual Integrations
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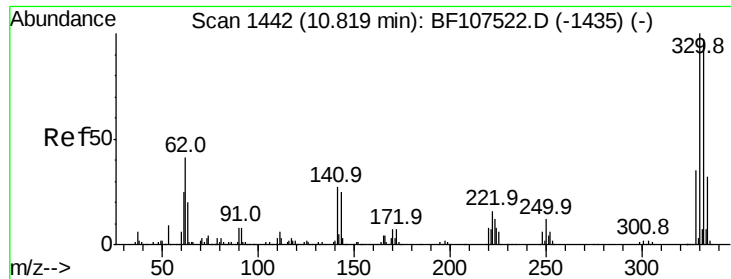
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#40
 Hexachlorocyclopentadiene
 Concen: 12.326 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.6	44.8	84.8
272	13.0	0.0	33.3





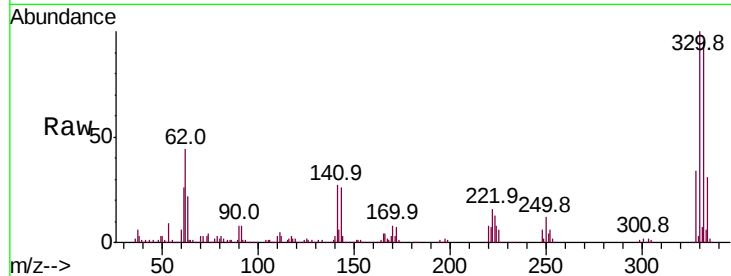
#41
 2,4,6-Tribromophenol
 Concen: 128.940 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.5	77.0	115.6	
141	26.2	29.9	44.9	

Manual Integrations
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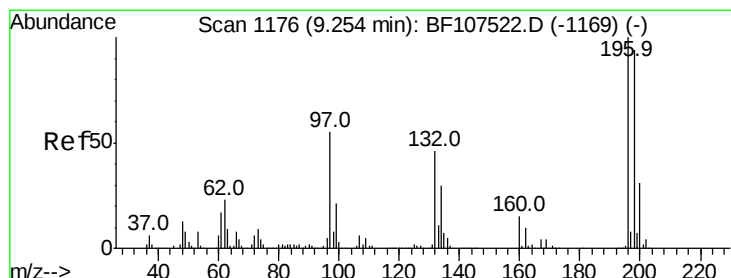
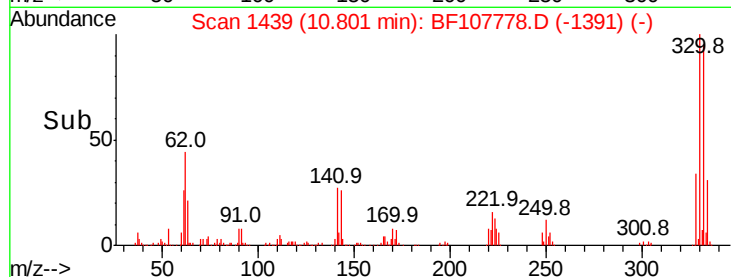
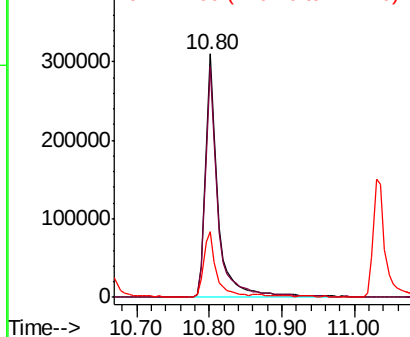


Abundance

Ion 329.80 (329.50 to 330.50): E

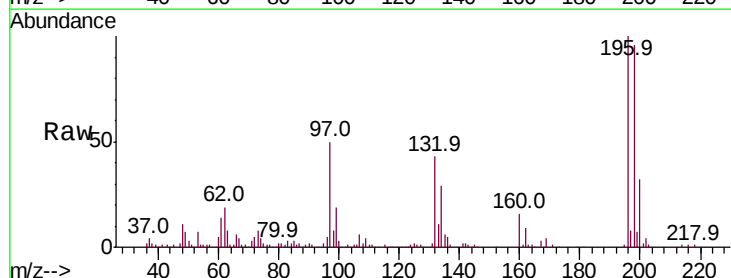
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.114 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.5	75.7	113.5	
200	31.6	24.5	36.7	

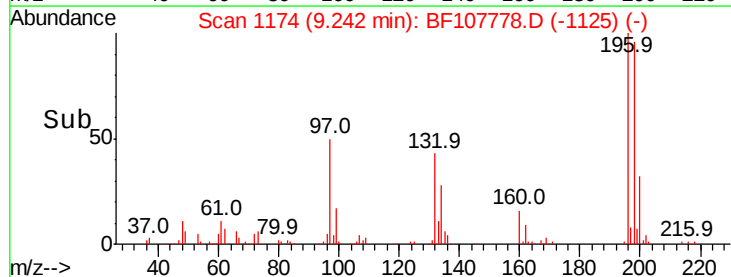
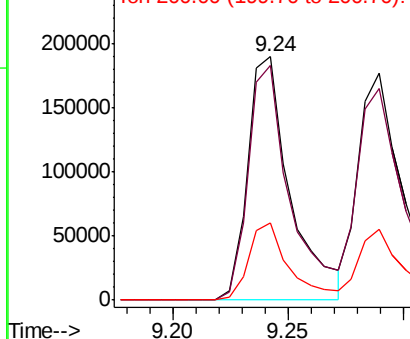


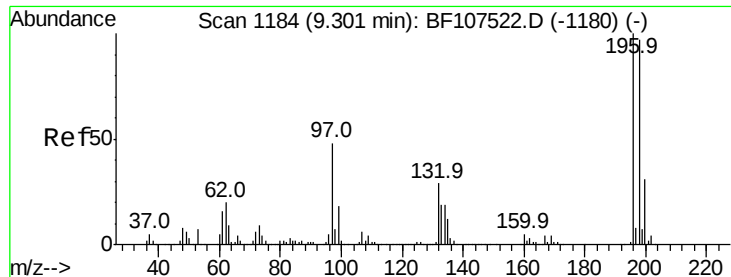
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





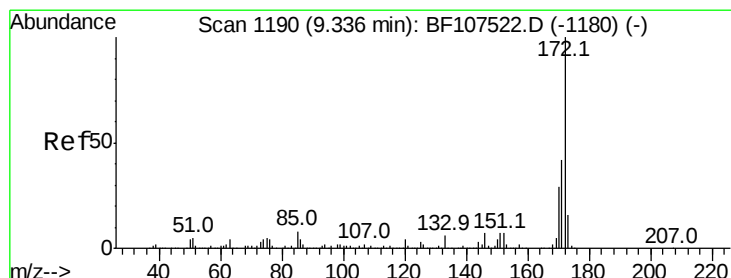
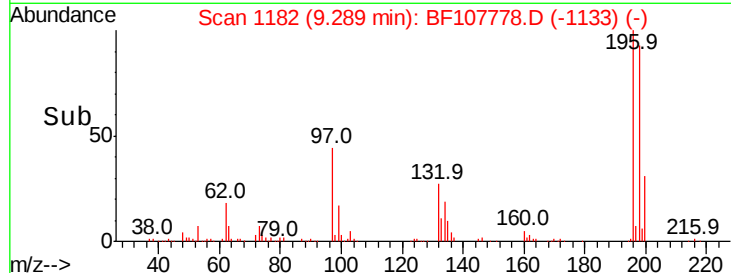
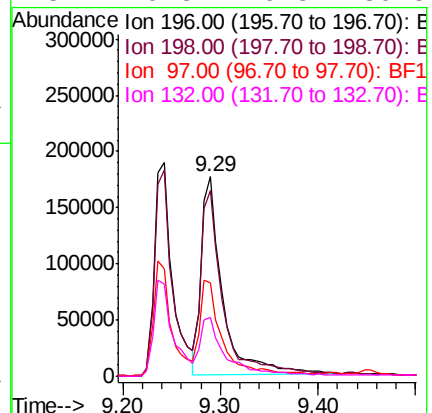
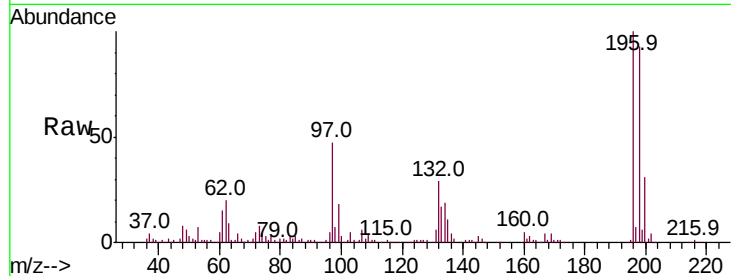
#43
2,4,5-Trichlorophenol
Concen: 46.099 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	266788		
198	93.0	74.6	112.0	
97	47.1	42.9	64.3	
132	29.3	26.3	39.5	

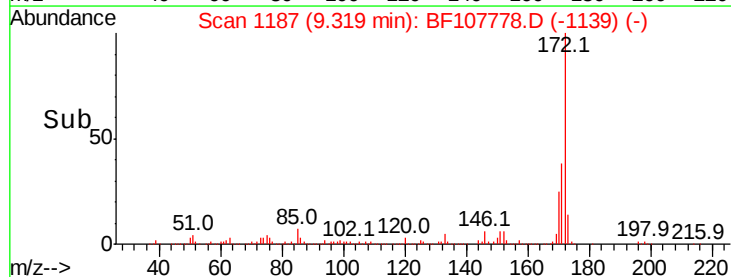
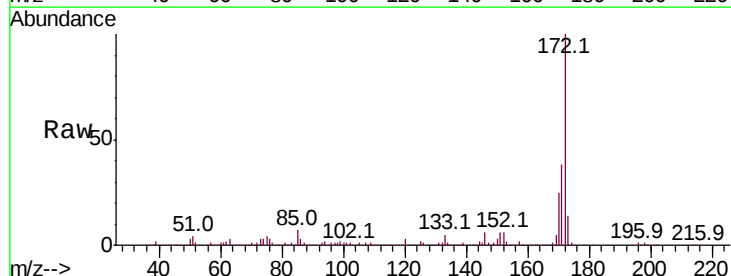
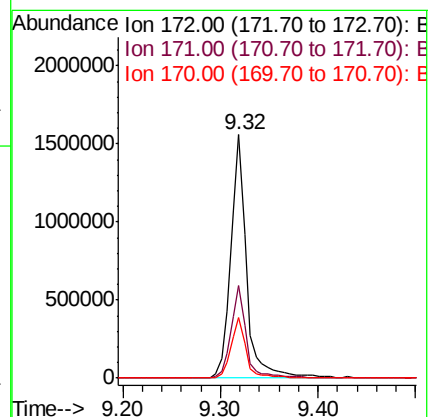
Manual Integrations
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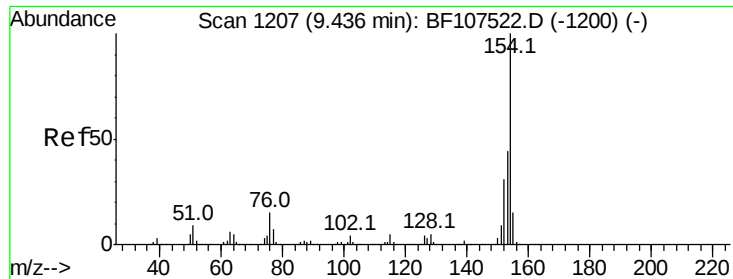
Sohil
7/30/2018 2:03:44 PM



#44
2-Fluorobiphenyl
Concen: 136.505 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1754712		
171	37.9	29.7	44.5	
170	25.0	19.6	29.4	





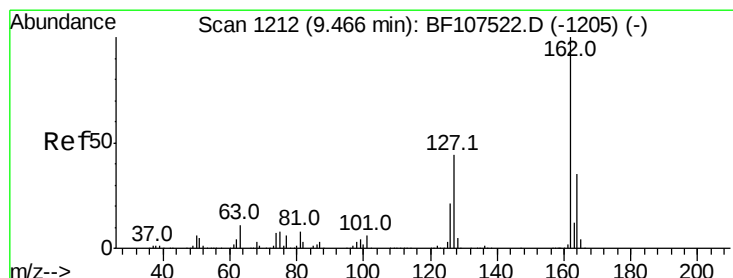
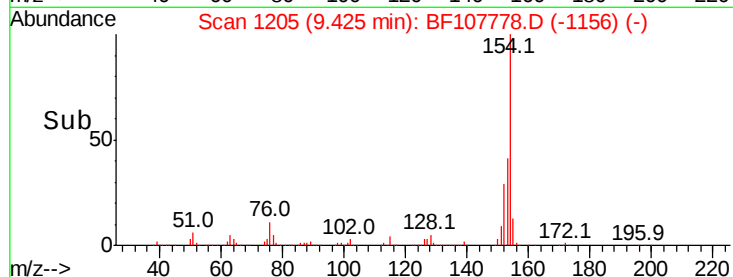
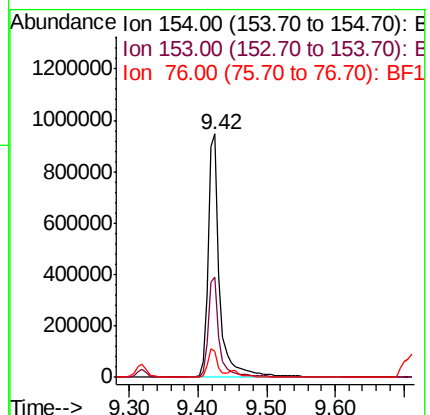
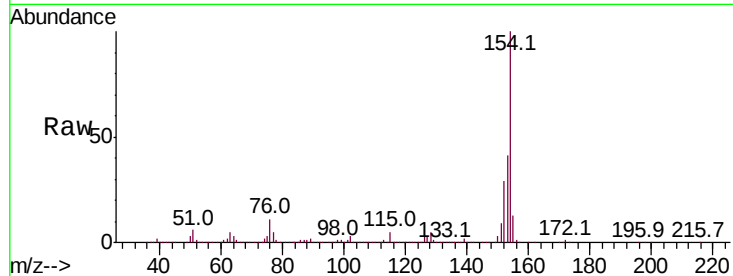
#45
1,1'-Biphenyl
Concen: 50.274 ng
RT: 9.42 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion:154 Resp: 1135873
Ion Ratio Lower Upper
154 100
153 41.3 21.3 61.3
76 10.7 0.0 34.0

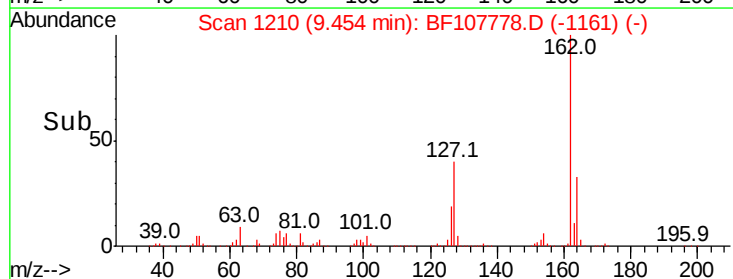
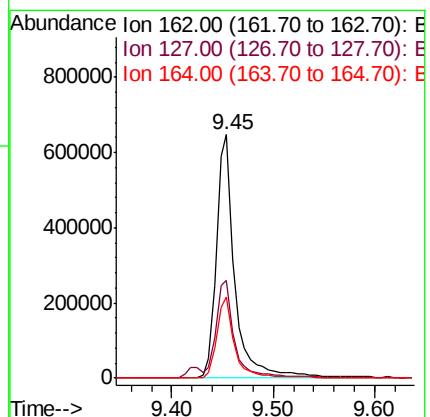
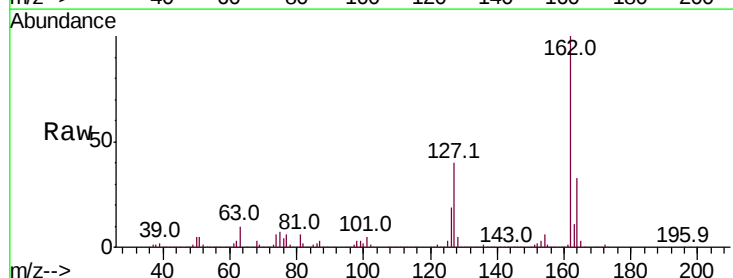
Manual Integrations
APPROVED

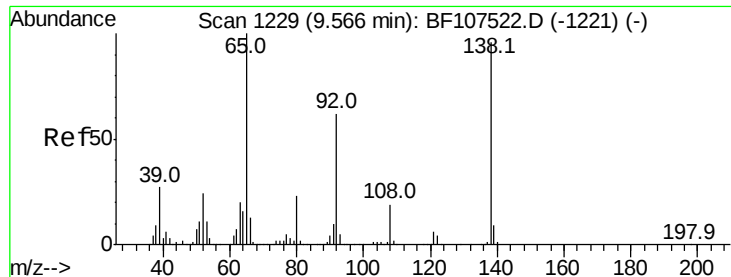
Sohil
7/30/2018 2:03:44 PM



#46
2-Chloronaphthalene
Concen: 47.527 ng
RT: 9.45 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion:162 Resp: 820785
Ion Ratio Lower Upper
162 100
127 40.0 33.9 50.9
164 33.2 26.5 39.7





#47

2-Nitroaniline

Concen: 51.686 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

MW-33MSD

Tot Ion: 65 Resp: 260228

Ion Ratio Lower Upper

65 100

92 67.0 55.8 83.6

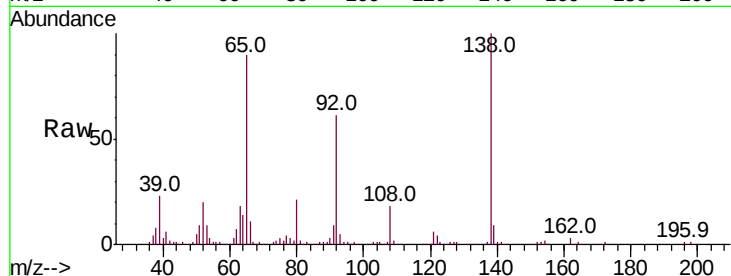
138 110.8 91.2 136.8

Manual Integrations

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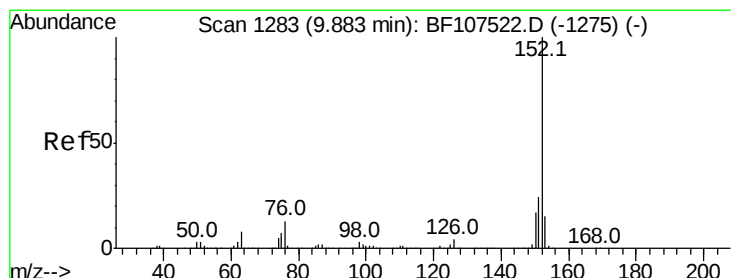
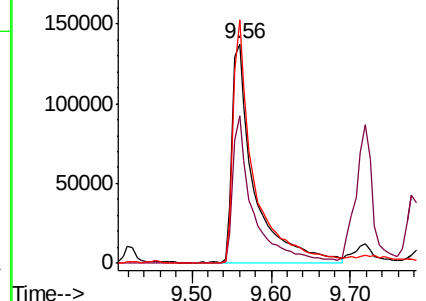
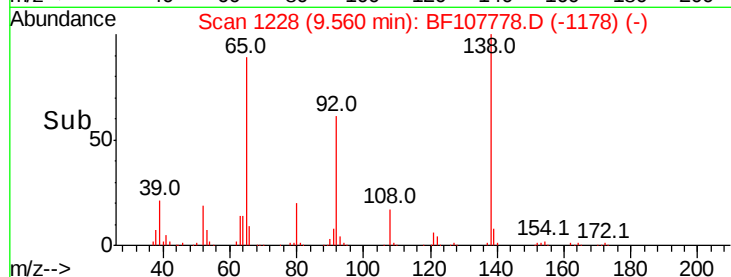
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 48.816 ng

RT: 9.87 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

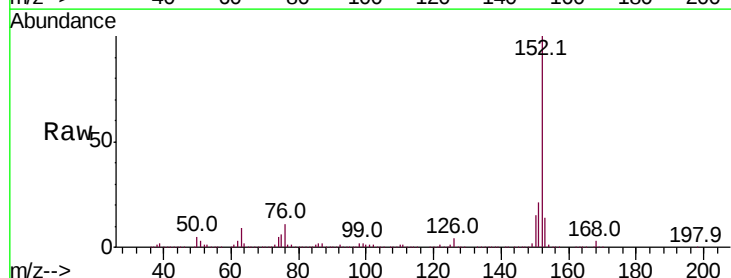
Tgt Ion:152 Resp: 1266418

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

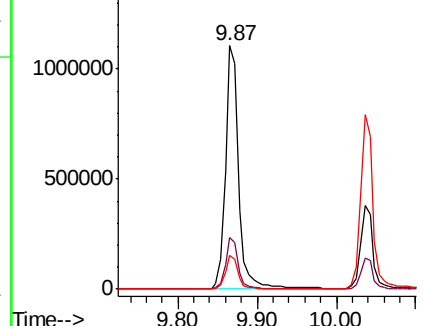
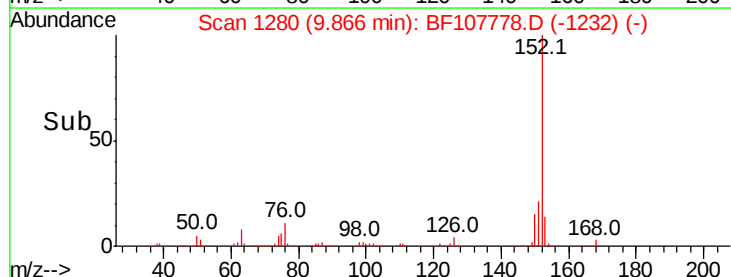
153 13.7 10.7 16.1

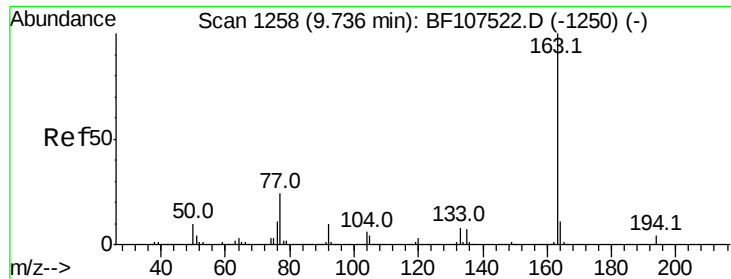


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





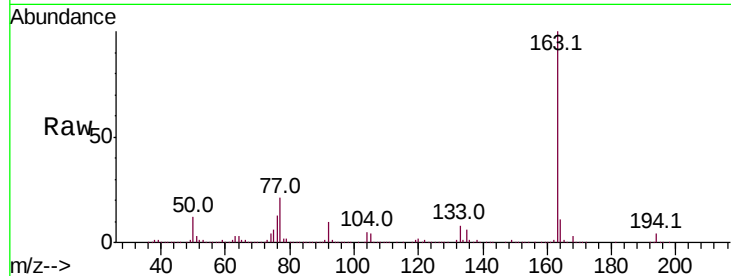
#49
 Dimethylphthalate
 Concen: 53.622 ng
 RT: 9.72 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

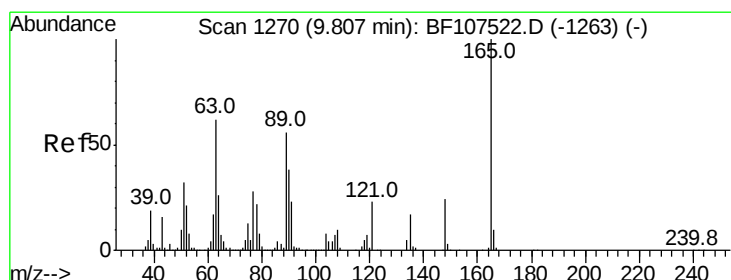
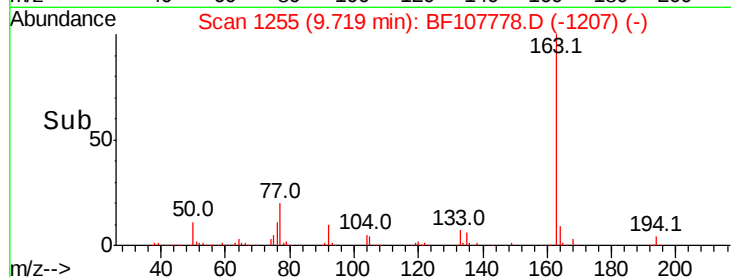
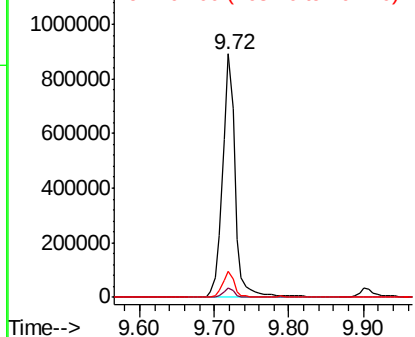
Tot Ion:	163	Resp:	1048169
Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.7	8.2	12.2

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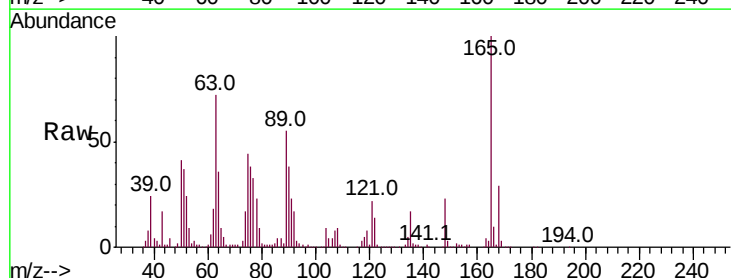


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

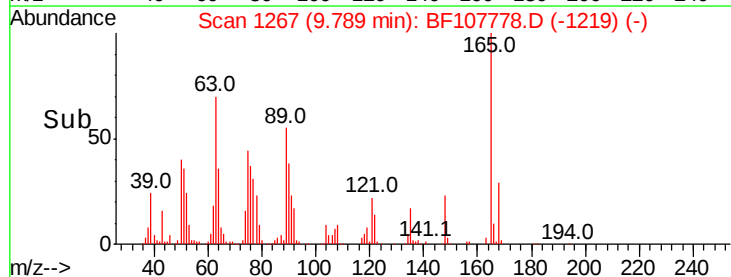
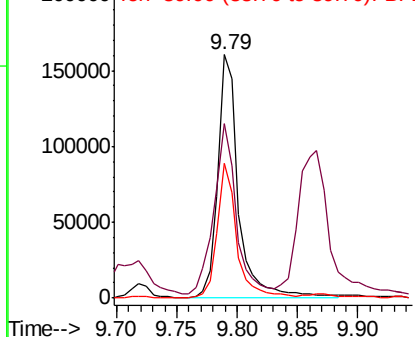


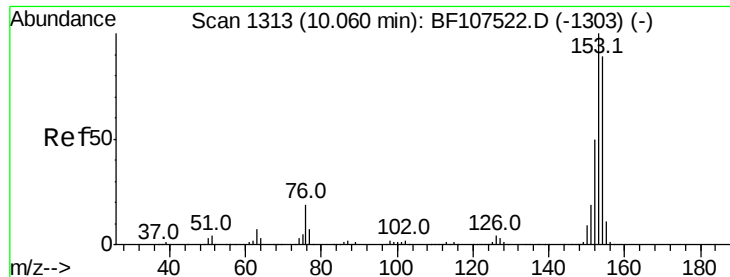
#50
 2,6-Dinitrotoluene
 Concen: 48.927 ng
 RT: 9.79 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:	165	Resp:	189883
Ion	Ratio	Lower	Upper
165	100		
63	71.5	44.7	67.1#
89	55.4	44.0	66.0



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





#51

Acenaphthene

Concen: 49.588 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

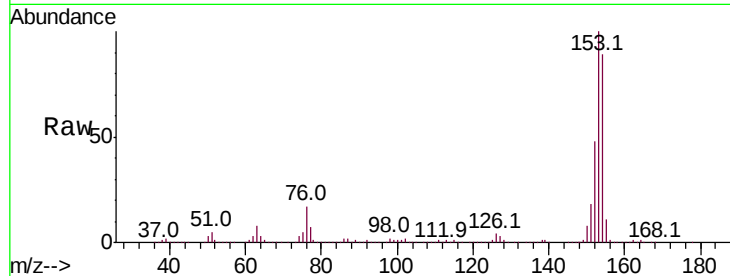
ClientSampled :

MW-33MSD

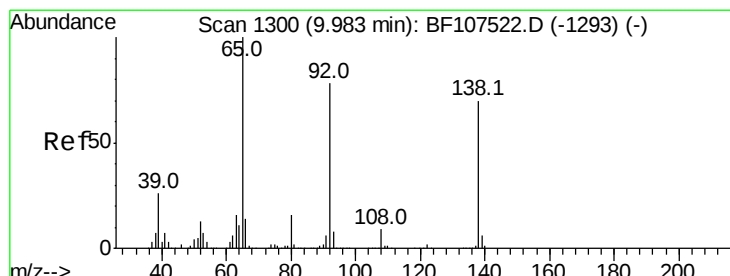
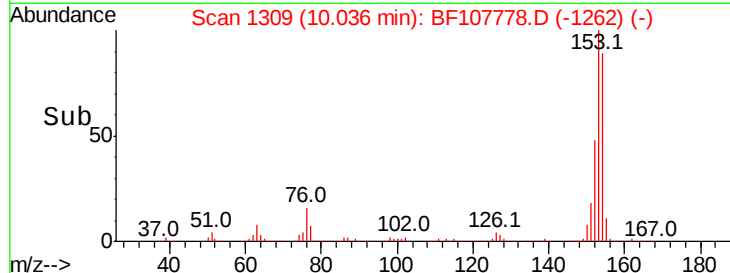
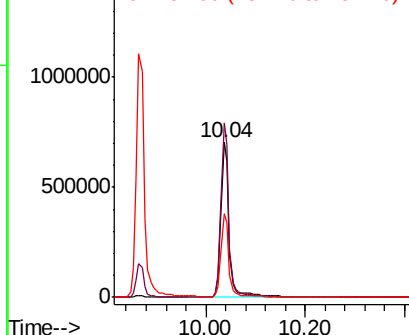
Tot Ion:	154	Resp:	806026
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	54.3	43.8	65.8

Manual Integrations
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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: 18.426 ng

RT: 9.98 min Scan# 1299

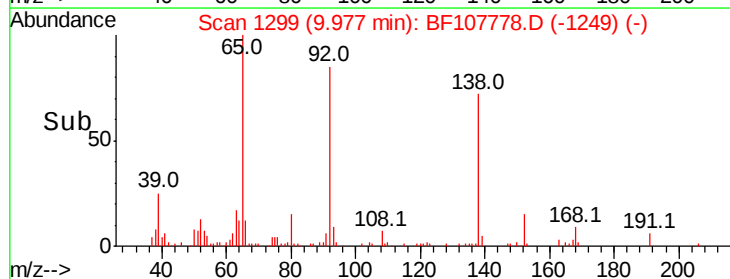
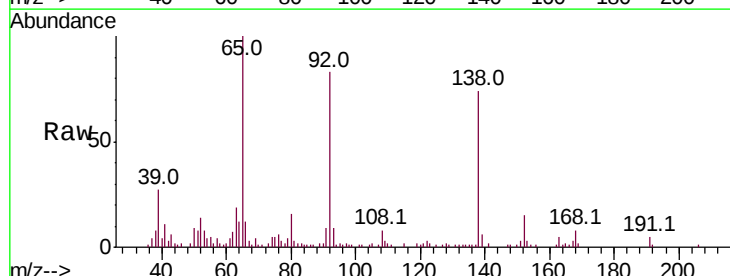
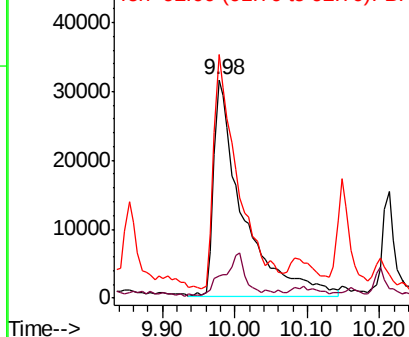
Delta R.T. -0.01 min

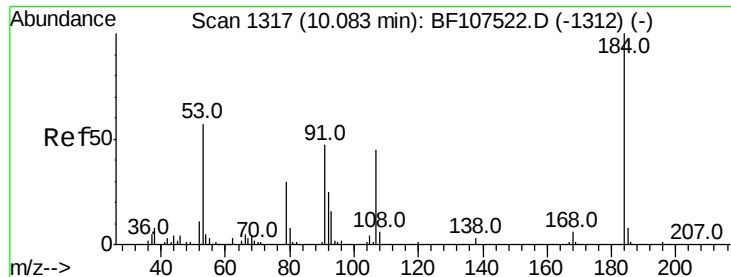
Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Tgt Ion:	138	Resp:	86998
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	111.5	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





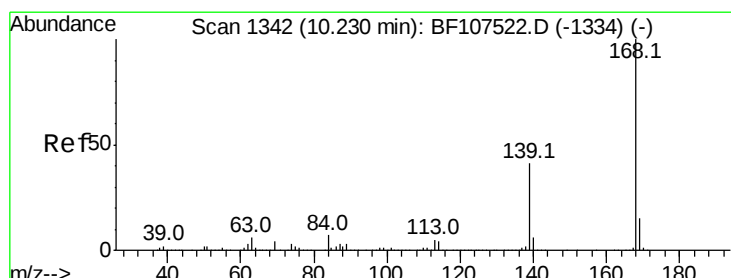
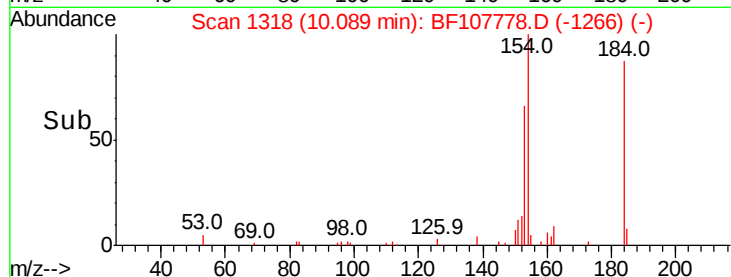
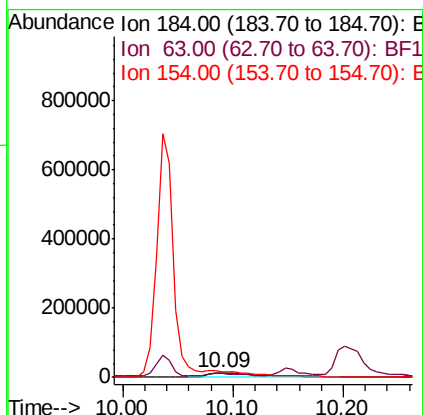
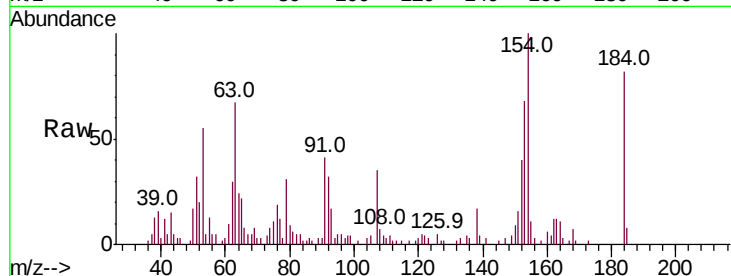
#53
2,4-Dinitrophenol
Concen: 36.661 ng
RT: 10.09 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	82.5	54.2	81.2#
154	122.4	184.0	276.0#

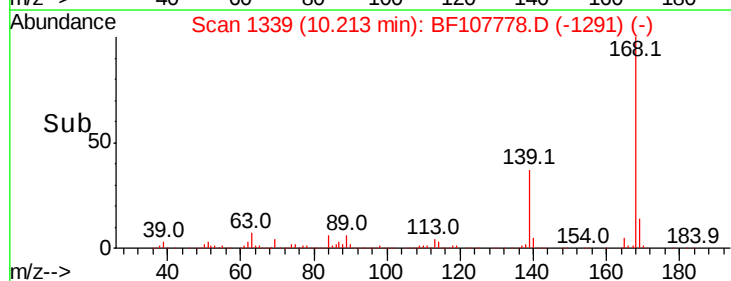
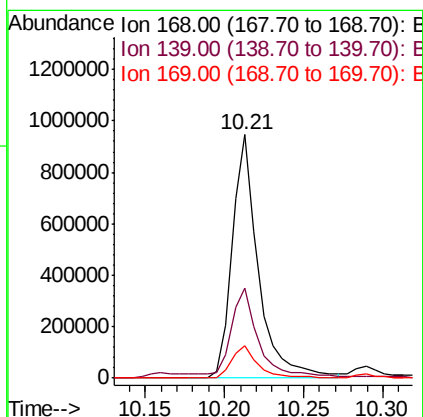
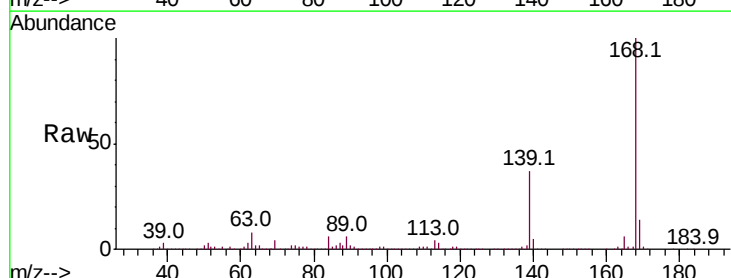
Manual Integrations
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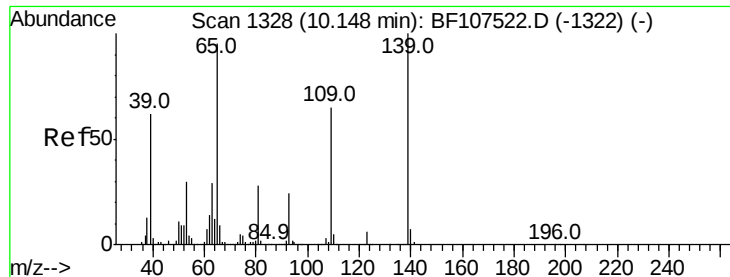
Sohil
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#54
Dibenzofuran
Concen: 45.244 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.5	10.9	16.3





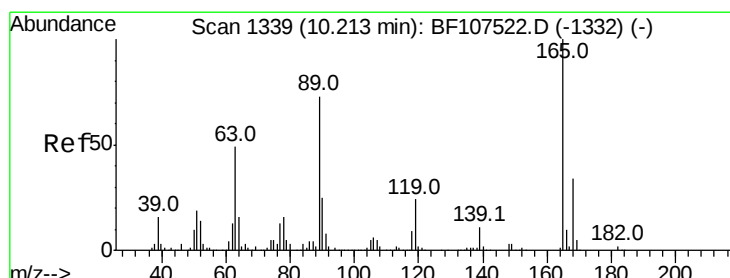
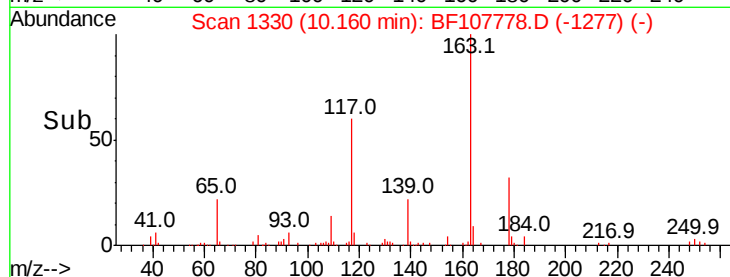
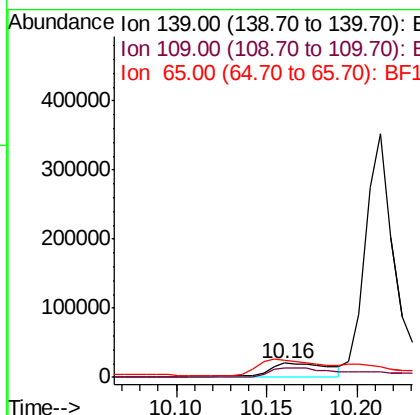
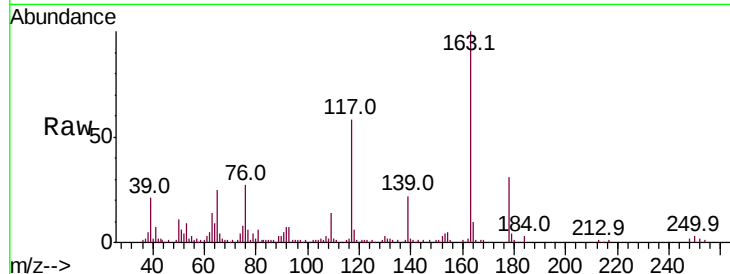
#55
4-Nitrophenol
Concen: 12.865 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.0	48.4	88.4
65	116.9	72.6	112.6#

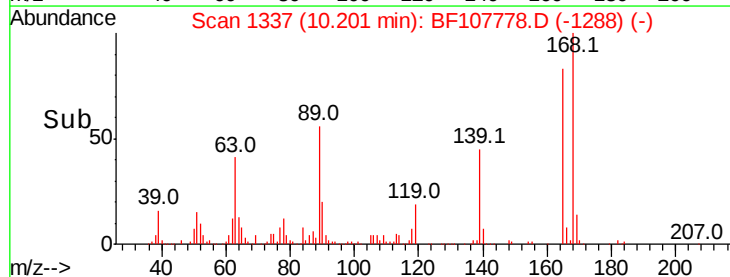
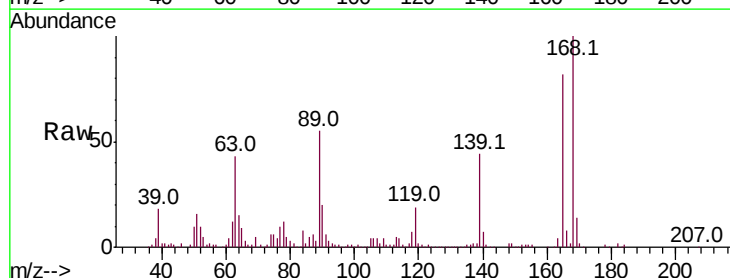
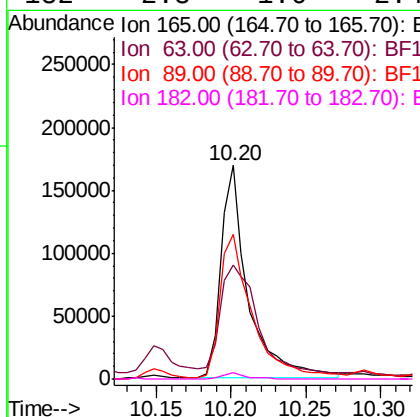
Manual Integrations
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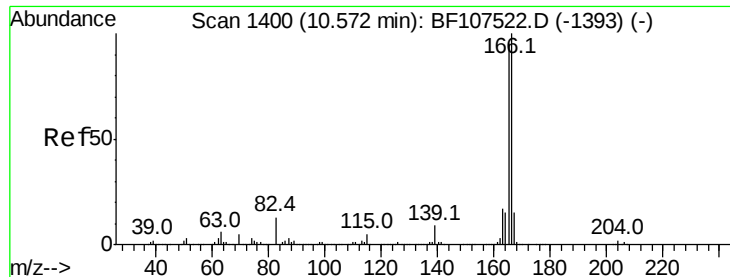
Sohil
7/30/2018 2:03:44 PM



#56
2,4-Dinitrotoluene
Concen: 46.012 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.1	36.4	54.6
89	67.9	57.8	86.6
182	2.8	1.6	2.4#





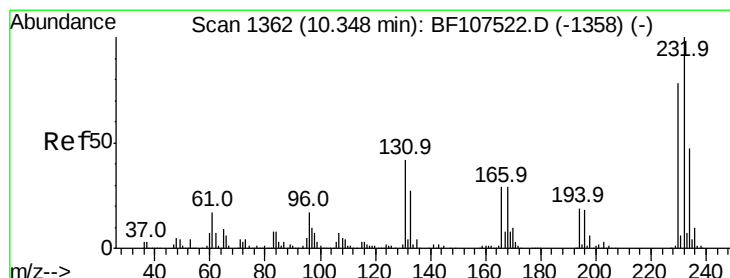
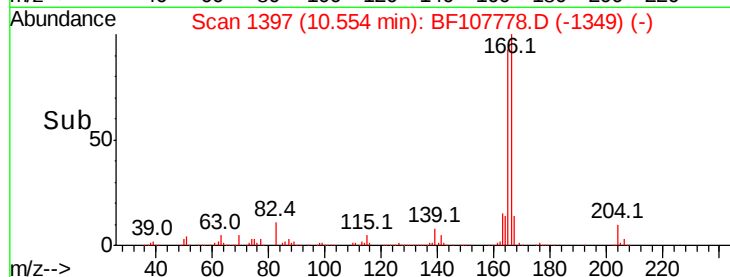
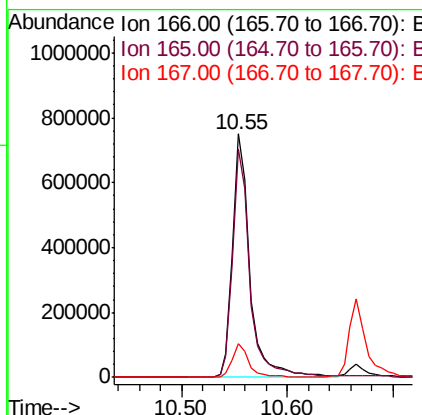
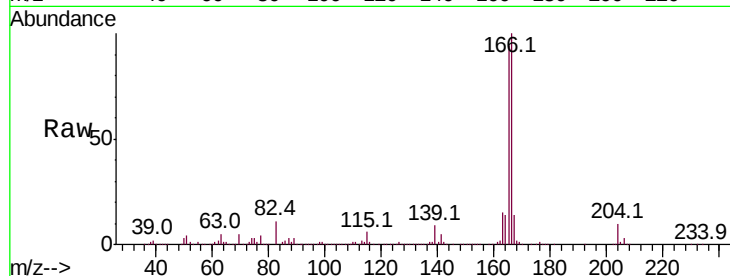
#57
 Fluorene
 Concen: 49.350 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.9	79.8	119.8
167	13.8	10.6	16.0

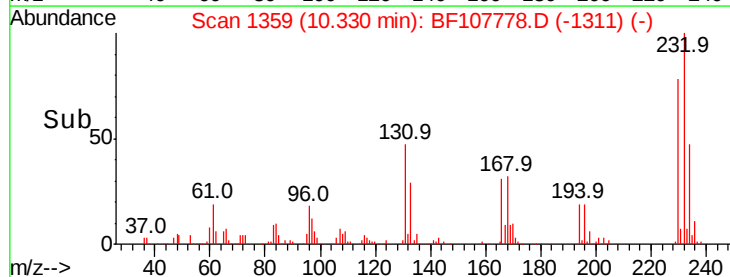
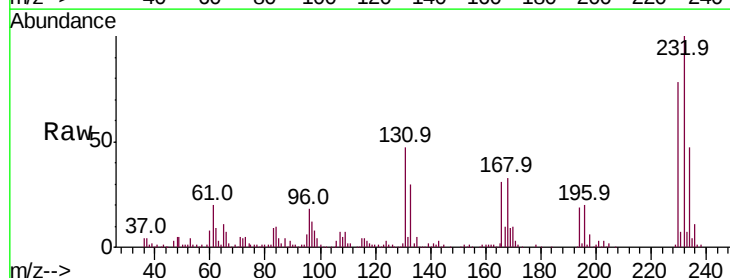
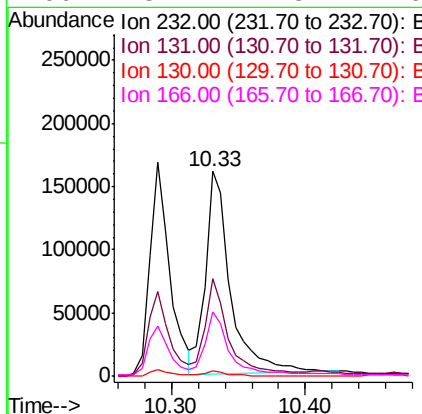
Manual Integrations
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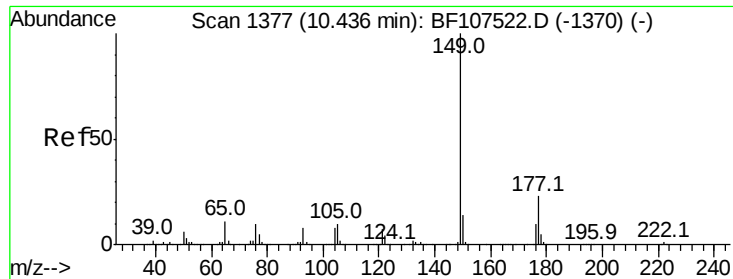
Sohil
 7/30/2018 2:03:44 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.605 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.5	43.8	65.8
130	2.9	2.1	3.1
166	28.2	27.8	41.6





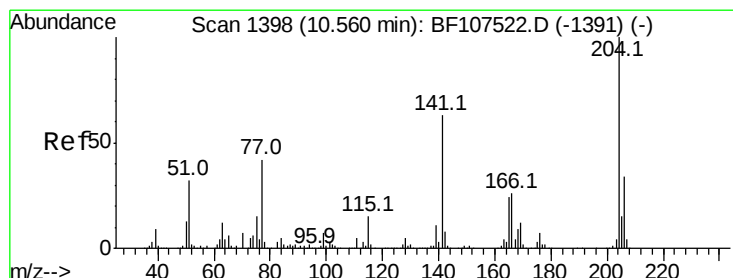
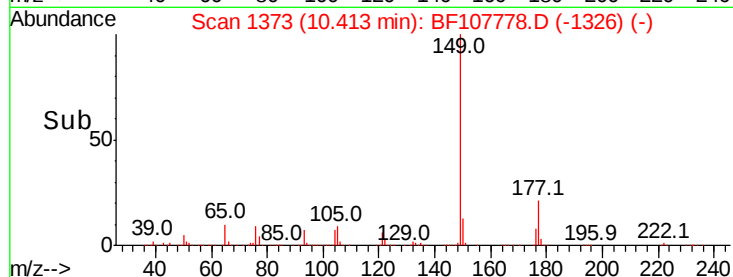
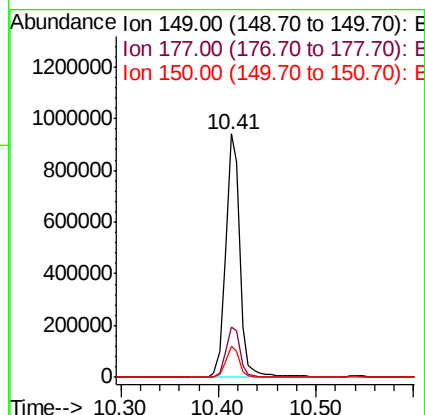
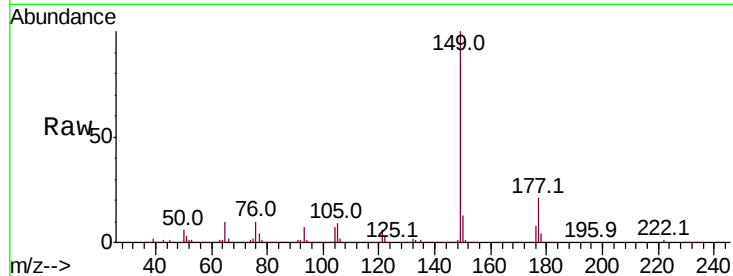
#59
Diethylphthalate
Concen: 46.354 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampled :
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	946312		
177	20.9	16.1	24.1	
150	12.9	10.1	15.1	

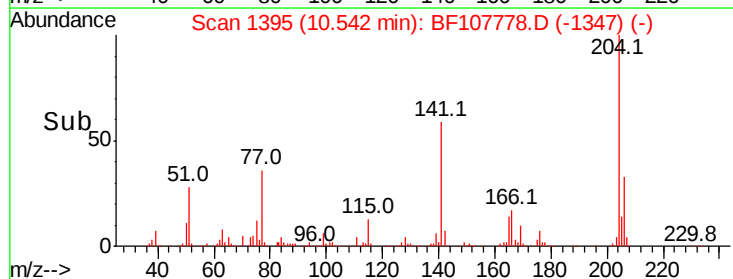
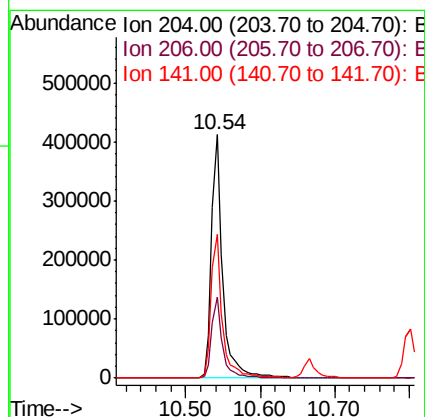
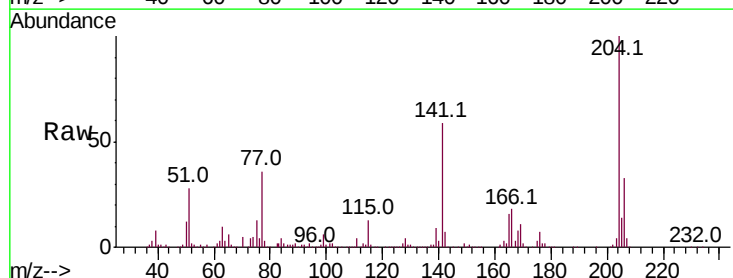
Manual Integrations
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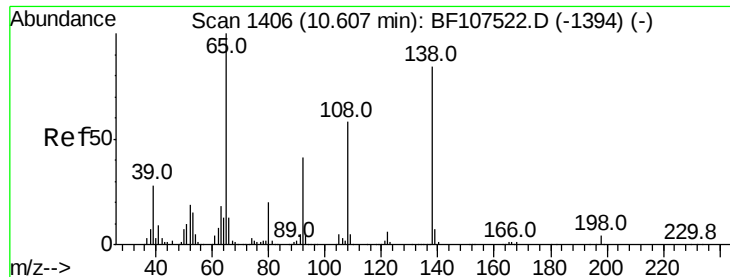
Sohil
7/30/2018 2:03:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.736 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	431766		
206	33.2	26.5	39.7	
141	59.2	54.6	81.8	





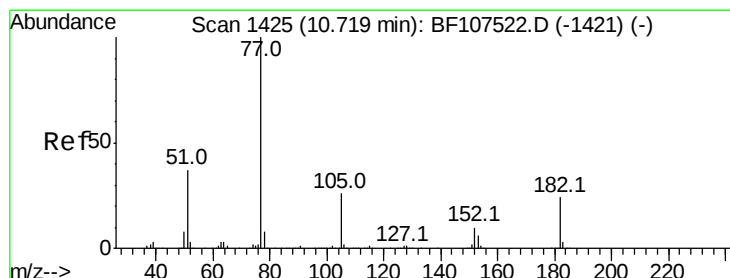
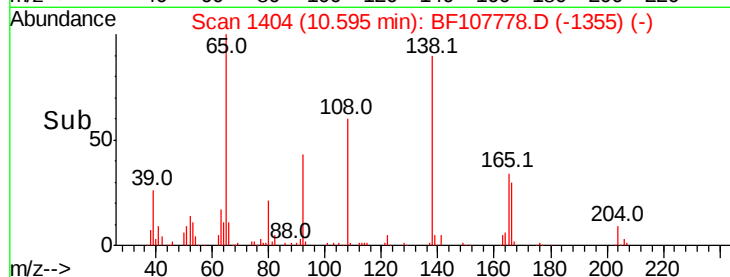
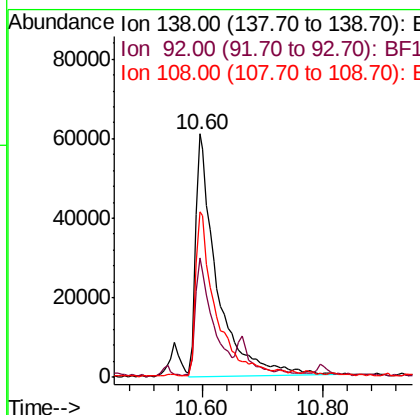
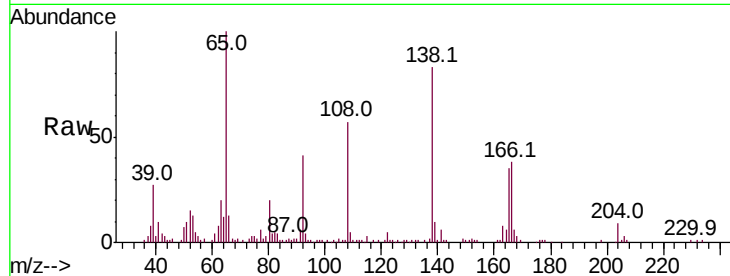
#61
4-Nitroaniline
Concen: 37.473 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	148645		
92	49.2	30.2	70.2	
108	68.2	52.5	92.5	

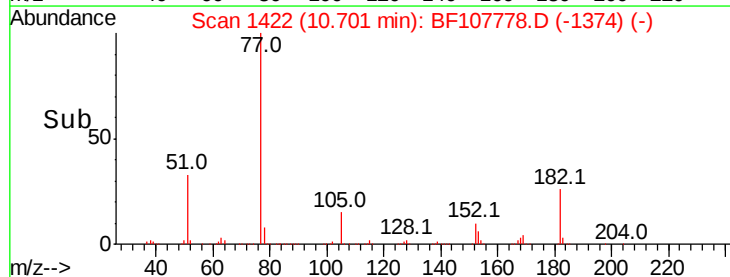
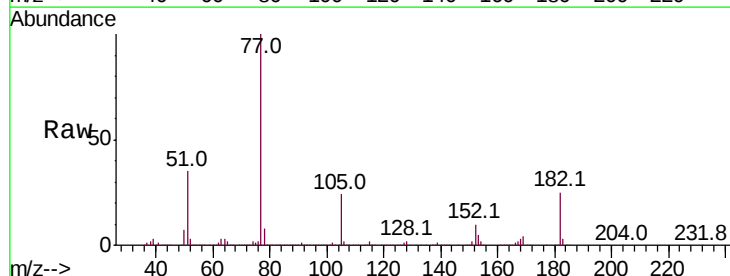
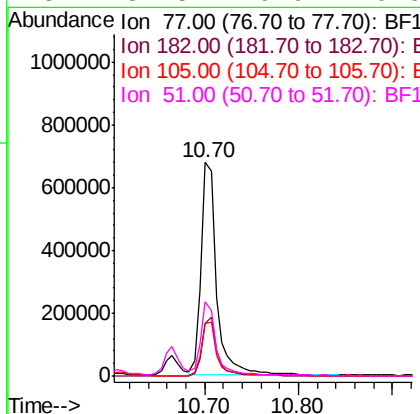
Manual Integrations
APPROVED

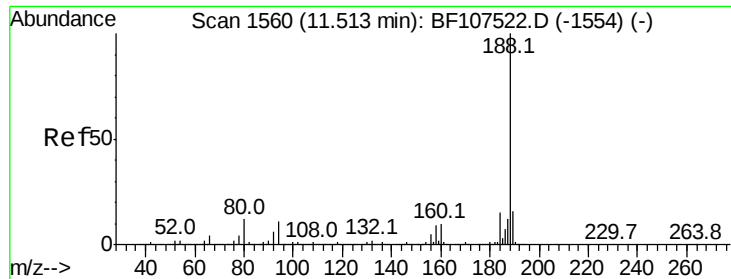
Sohil
7/30/2018 2:03:44 PM



#62
Azobenzene
Concen: 40.981 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	784497		
182	24.6	1.7	41.7	
105	24.4	3.0	43.0	
51	34.5	9.9	49.9	





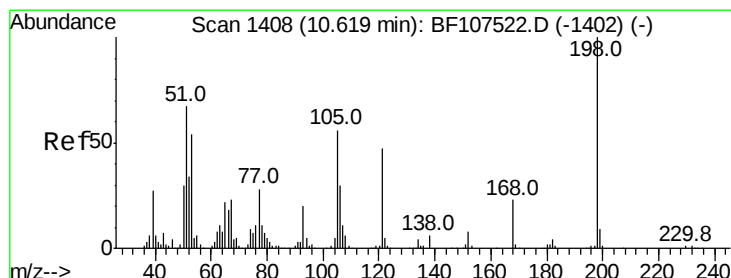
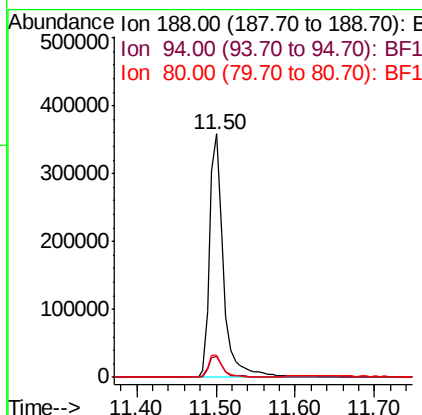
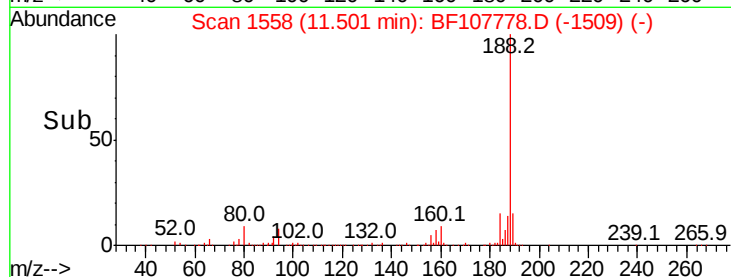
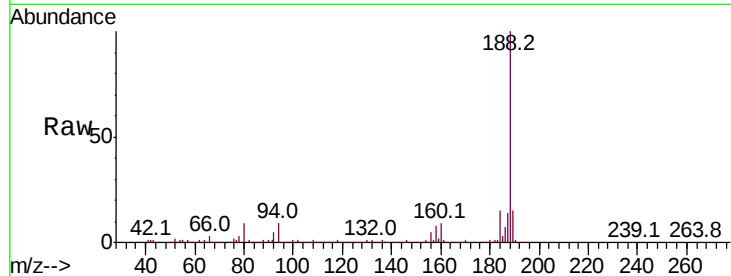
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion:	188	Resp:	435629
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.5	12.7
80	9.2	9.2	13.8

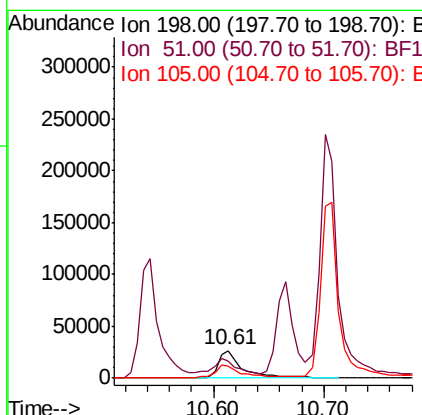
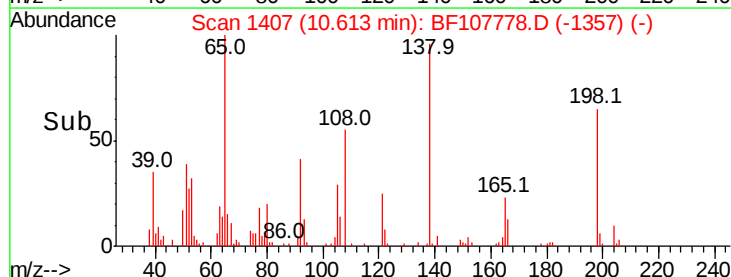
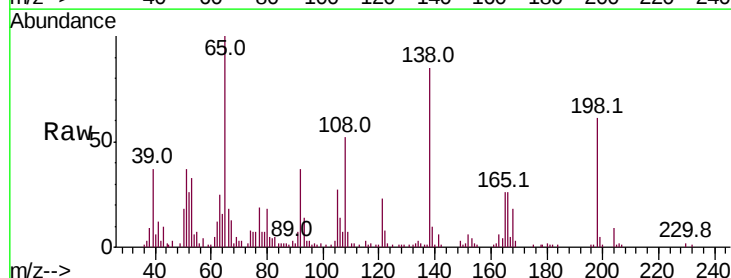
Manual Integrations
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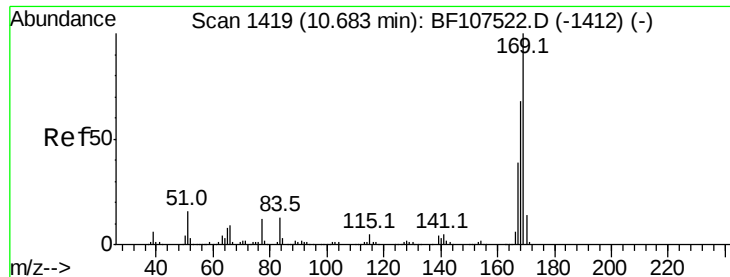
Sohil
 7/30/2018 2:03:44 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.980 ng
 RT: 10.61 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion:	198	Resp:	41846
Ion Ratio	Lower	Upper	
198	100		
51	61.6	37.7	77.7
105	45.0	36.3	76.3





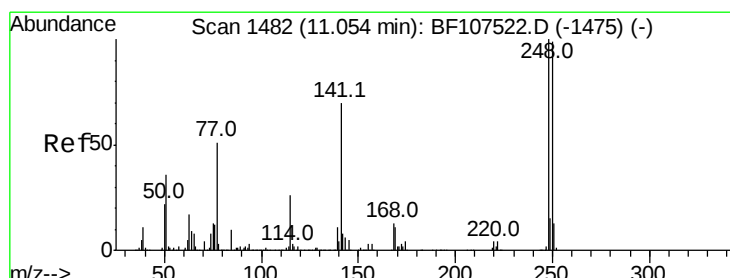
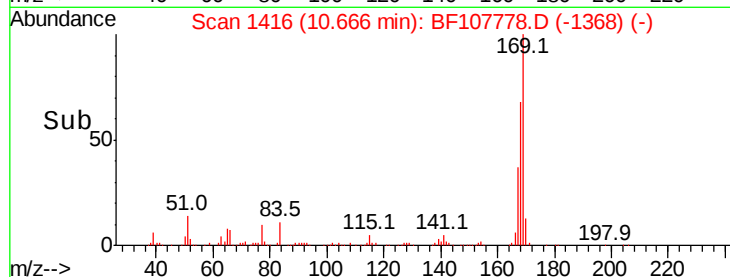
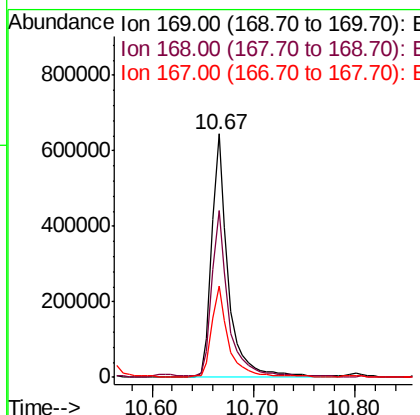
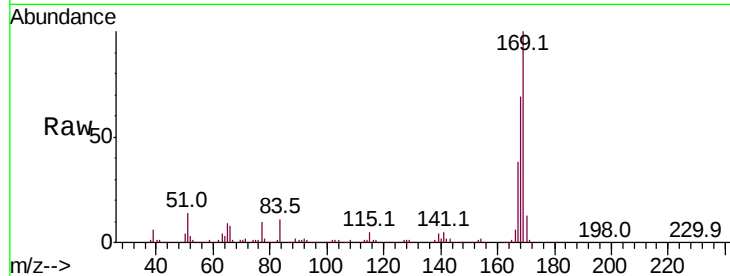
#65
n-Nitrosodiphenylamine
Concen: 49.456 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	731700		
168	68.8		54.4	81.6
167	37.6		29.8	44.6

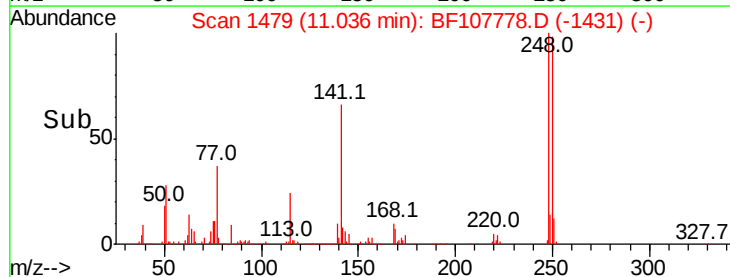
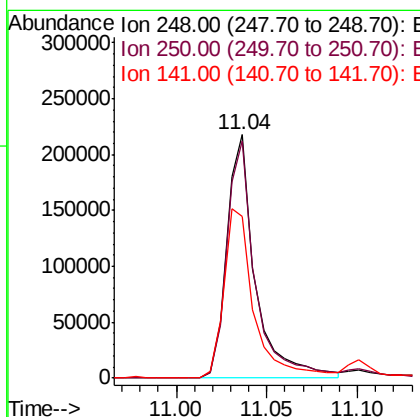
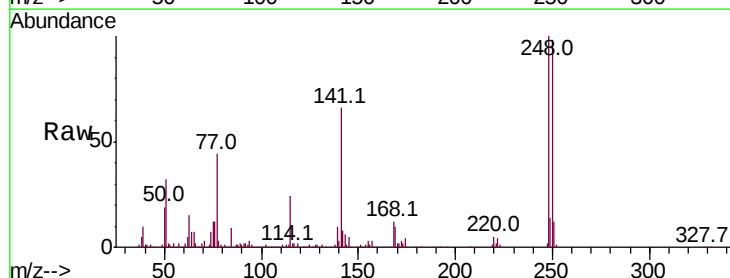
Manual Integrations
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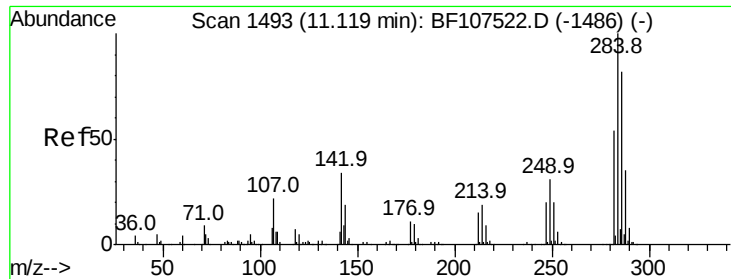
Sohil
7/30/2018 2:03:44 PM



#66
4-Bromophenyl-phenylether
Concen: 46.480 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	238354		
250	97.7		76.9	115.3
141	66.3		74.4	111.6#





#67

Hexachlorobenzene

Concen: 45.090 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

ClientSampleId :

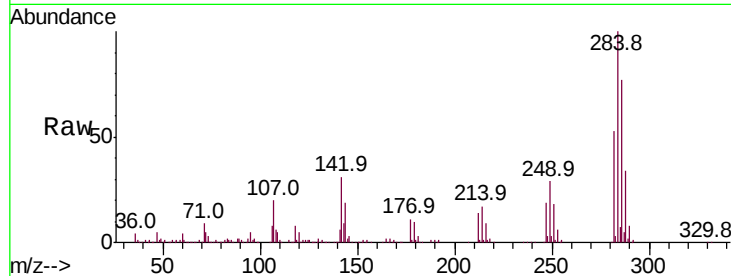
MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	254416		
142	31.0	34.6	52.0#	
249	29.3	24.8	37.2	

Manual Integrations
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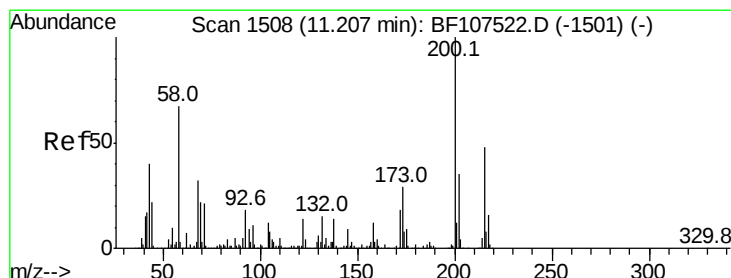
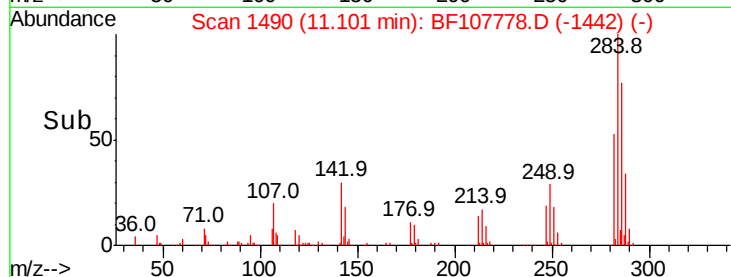
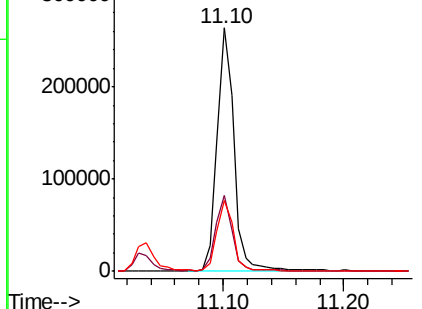
7/30/2018 2:03:44 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.376 ng

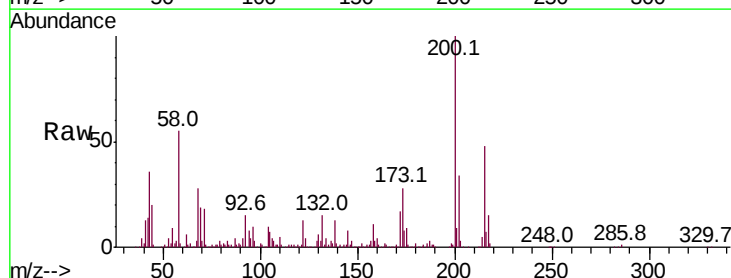
RT: 11.19 min Scan# 1505

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

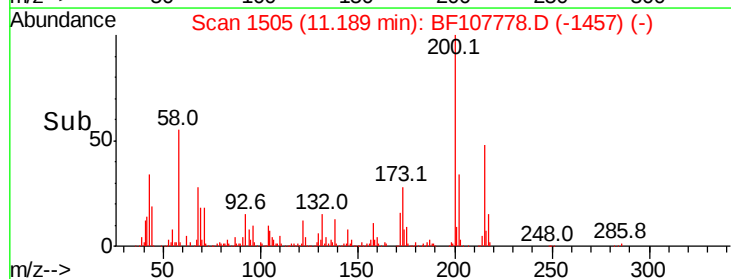
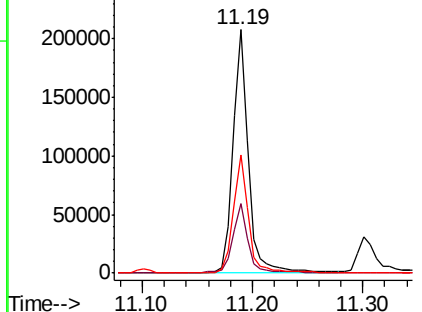
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	204974		
173	28.3	8.6	48.6	
215	48.3	25.1	65.1	

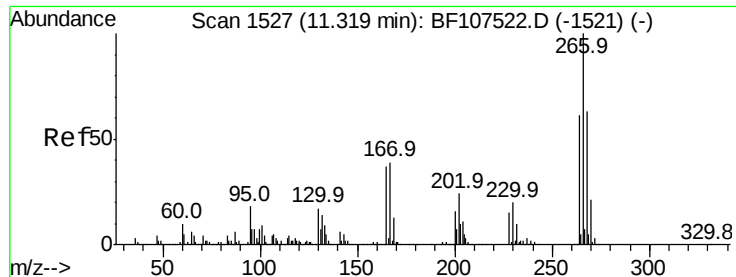


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





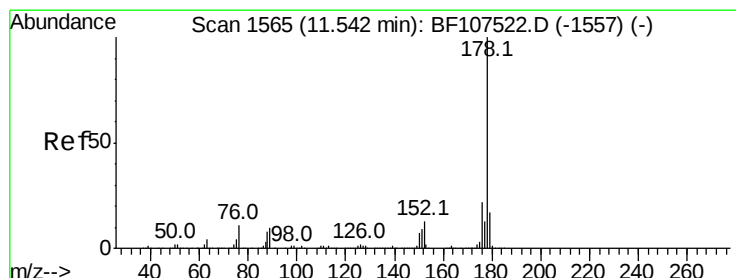
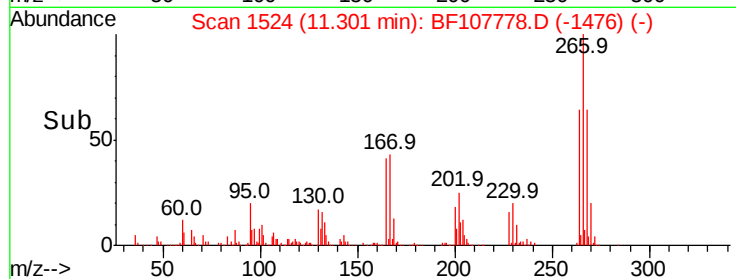
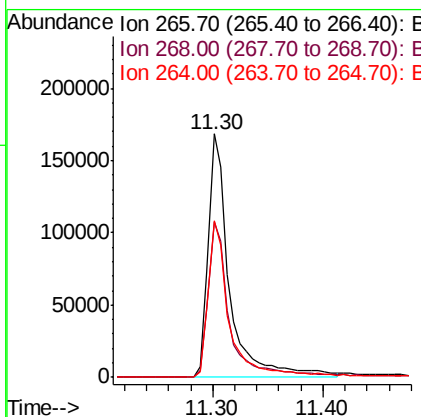
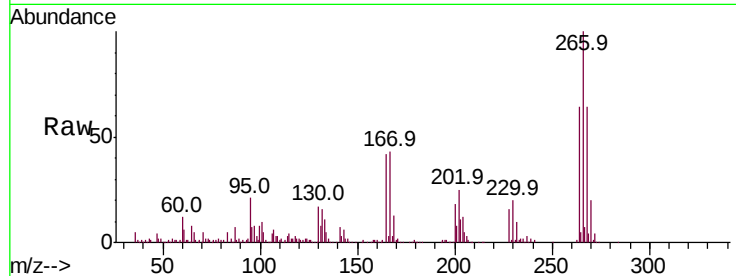
#69
 Pentachlorophenol
 Concen: 63.256 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	222939		
268	63.6	51.1	76.7	
264	64.4	49.5	74.3	

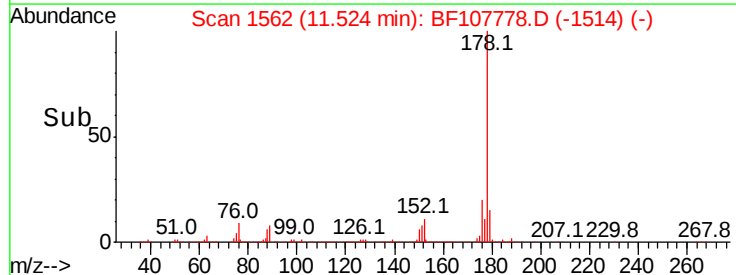
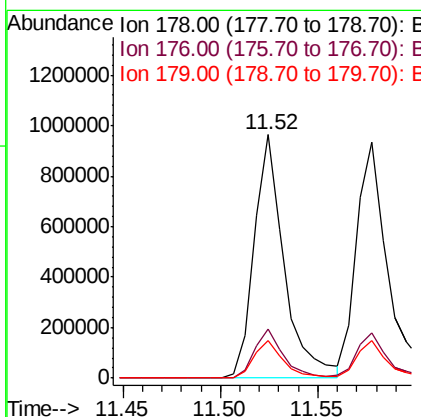
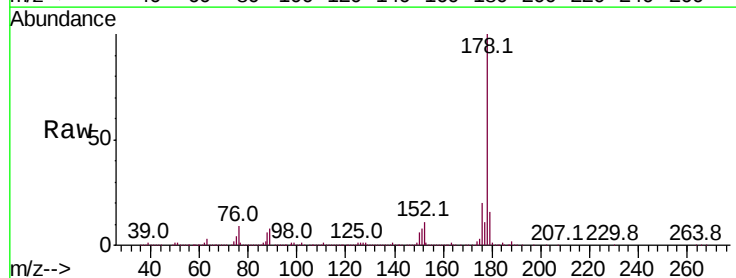
Manual Integrations
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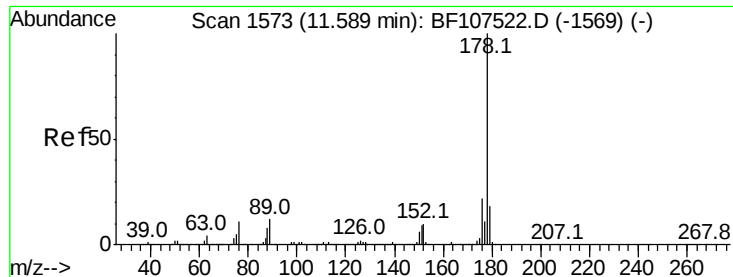
Sohil
 7/30/2018 2:03:44 PM



#70
 Phenanthrene
 Concen: 48.639 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1032534		
176	20.0	15.8	23.8	
179	15.6	13.0	19.6	





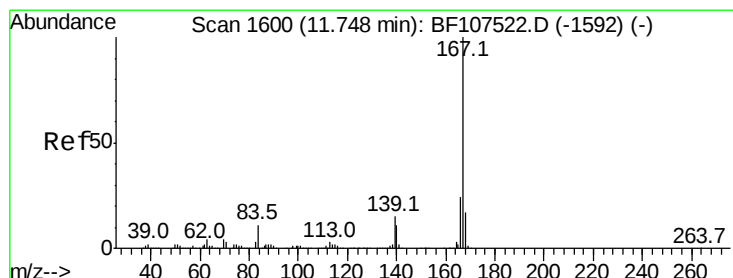
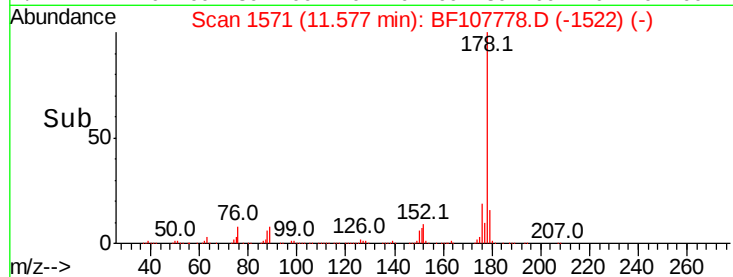
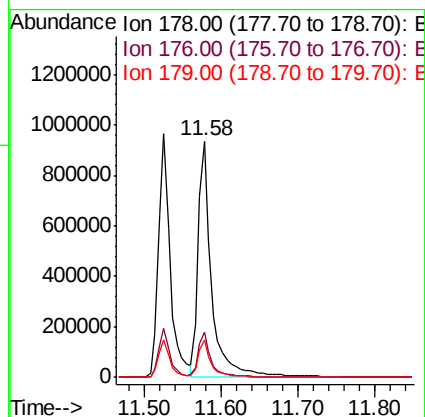
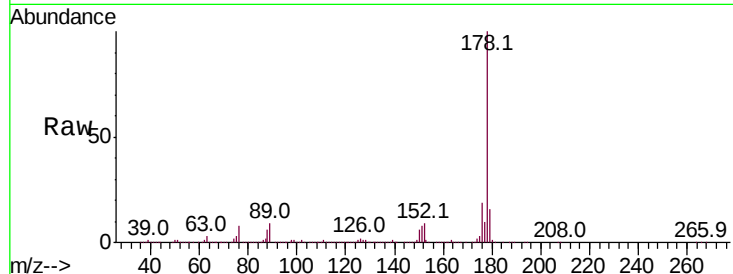
#71
 Anthracene
 Concen: 53.433 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.0	12.6	19.0

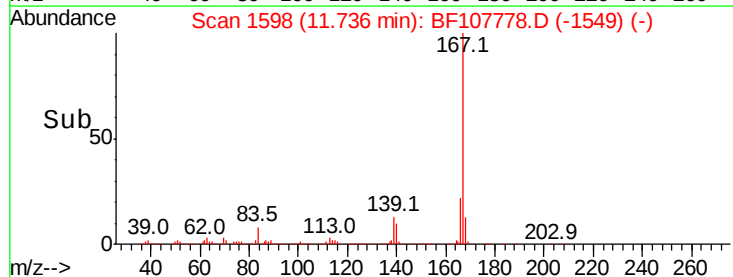
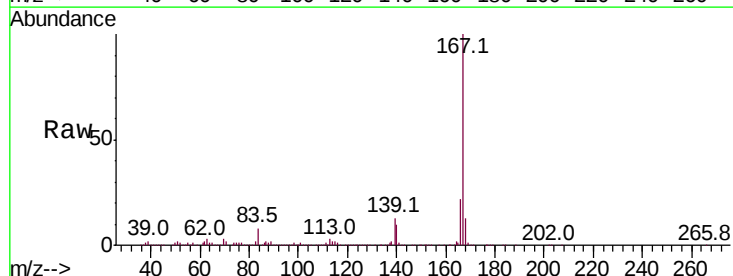
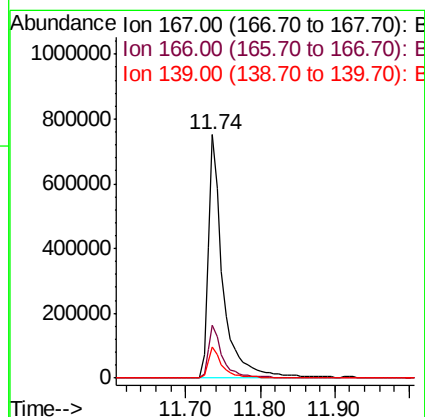
Manual Integrations
 APPROVED

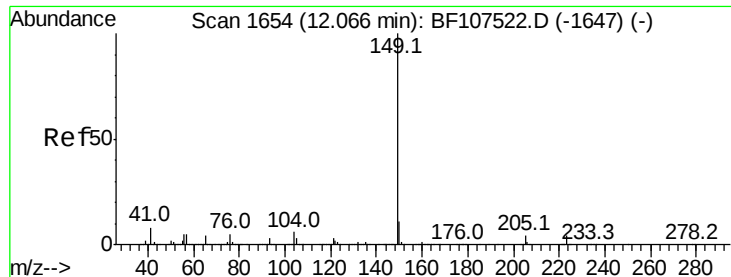
Sohil
 7/30/2018 2:03:44 PM



#72
 Carbazole
 Concen: 46.205 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.8	10.9	16.3





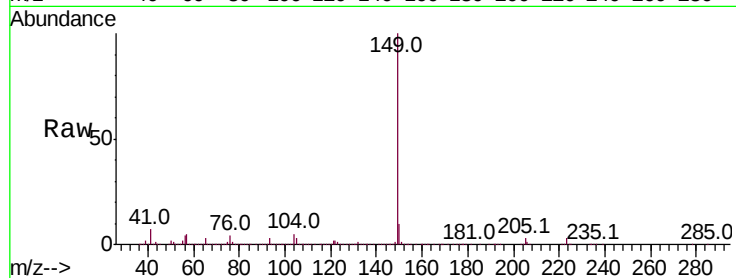
#73
Di-n-butylphthalate
Concen: 60.884 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.6	3.8	5.8

Manual Integrations
APPROVED

Sohil
7/30/2018 2:03:44 PM

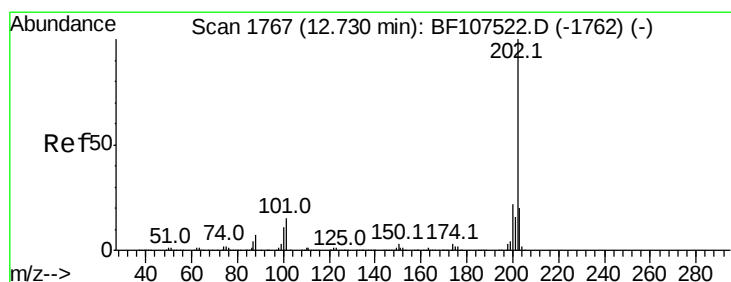
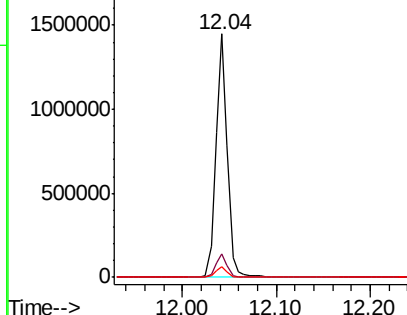
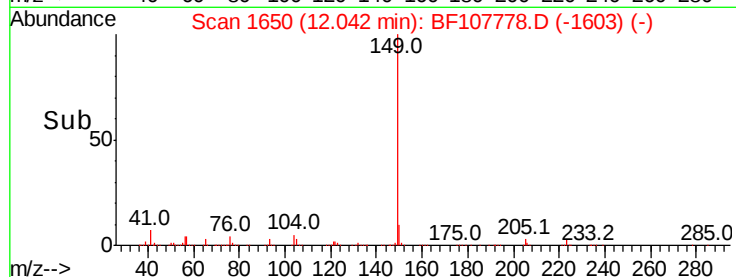


Abundance

Ion 149.00 (148.70 to 149.70): E

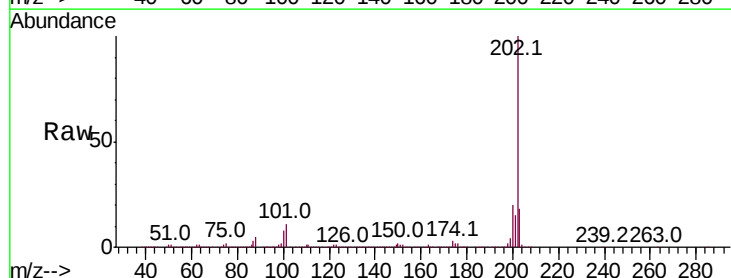
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74
Fluoranthene
Concen: 51.726 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	18.1	0.0	38.1

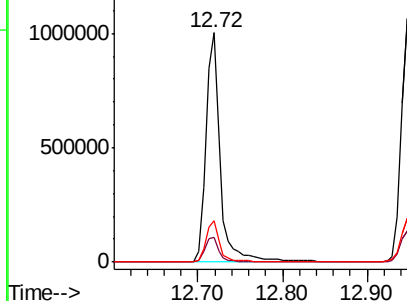
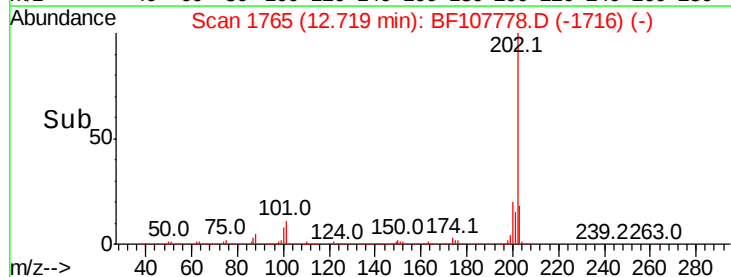


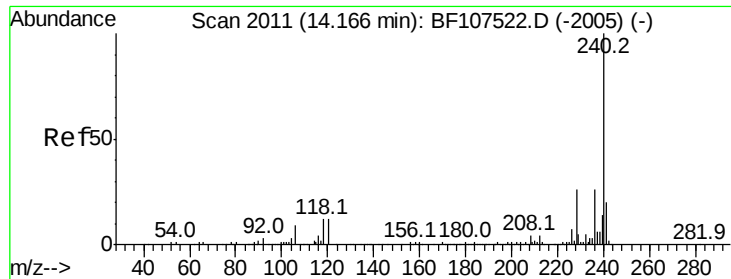
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

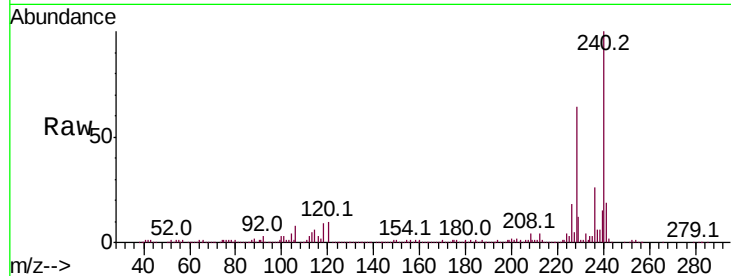
ClientSampleId :

MW-33MSD

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.1	20.7	31.1

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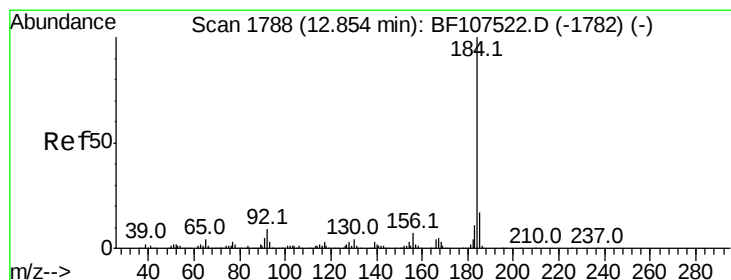
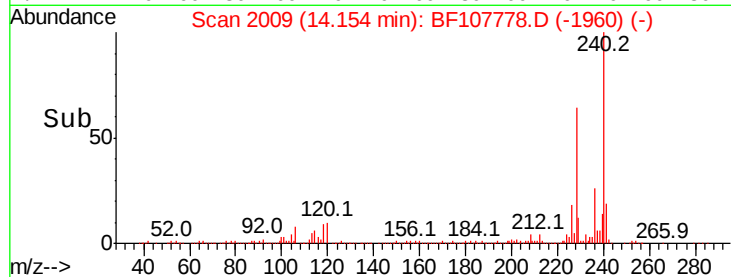
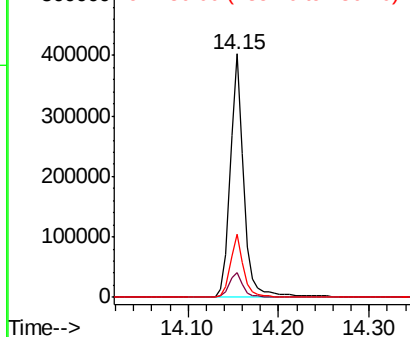


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.016 ng m

RT: 12.86 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

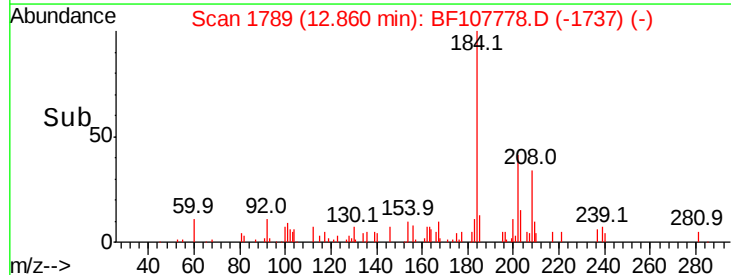
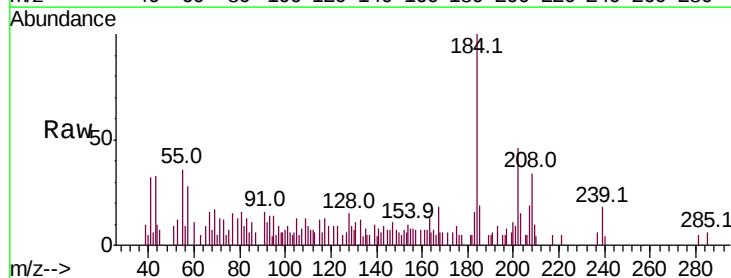
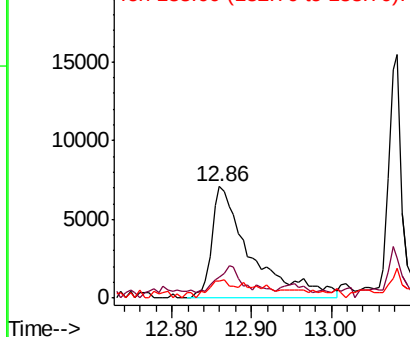
Tgt Ion	Ratio	Resp Lower	Upper
184	100		
185	19.3	12.6	18.8#
183	15.9	9.3	13.9#

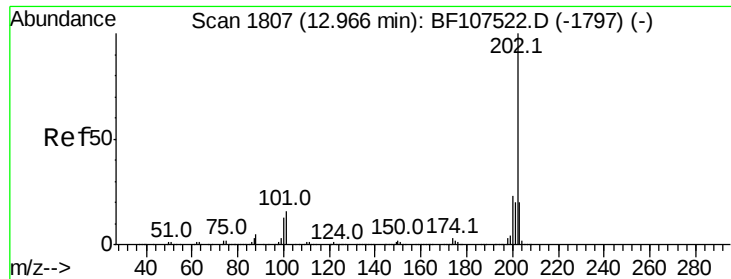
Abundance

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: 42.366 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107778.D

Acq: 28 Jul 2018 6:30

Instrument :

BNA_F

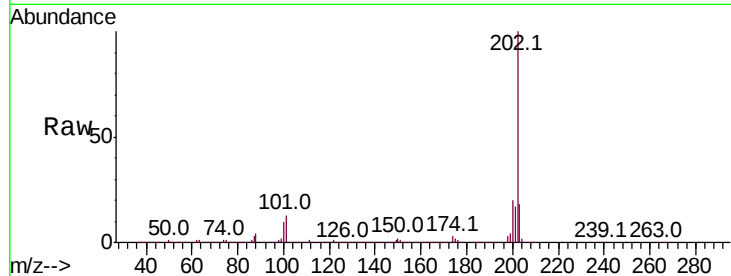
ClientSampleId :

MW-33MSD

Tot Ion:	202	Resp:	1213520
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	17.9	14.3	21.5

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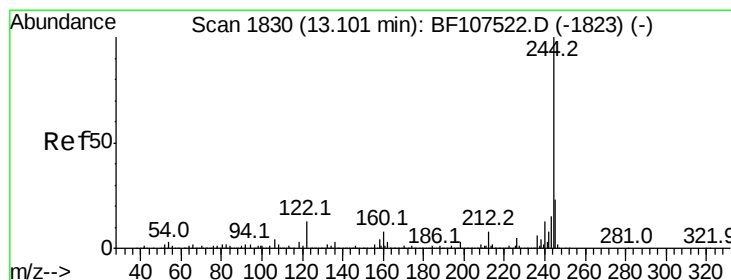
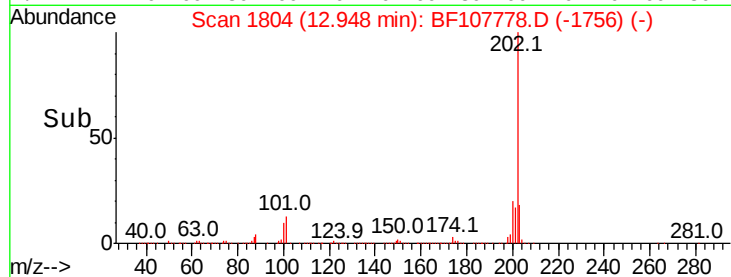
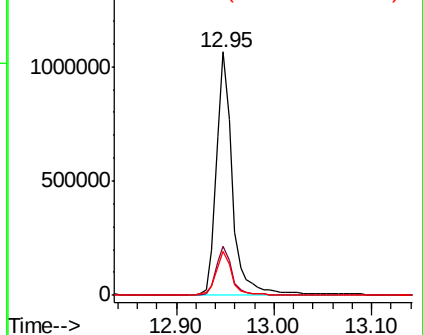
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.864 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107778.D

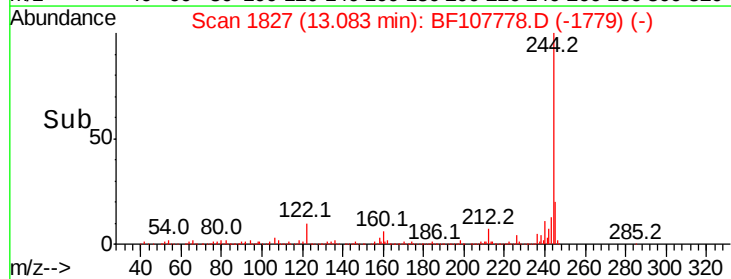
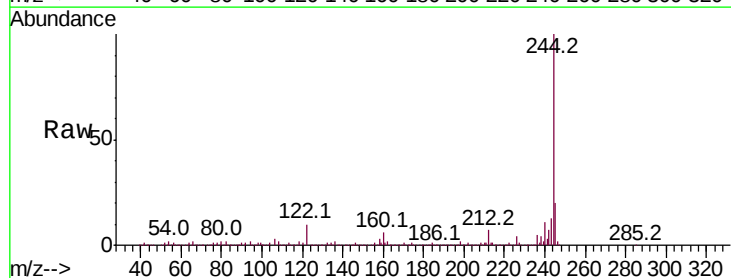
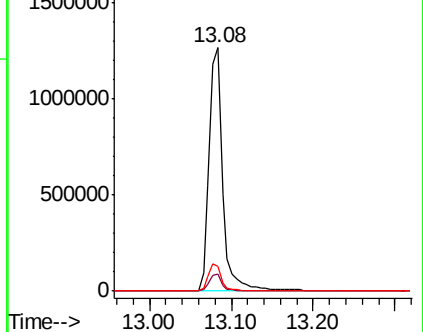
Acq: 28 Jul 2018 6:30

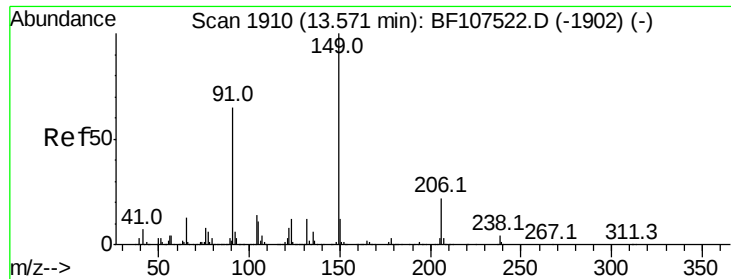
Tgt Ion:	244	Resp:	1469923
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	10.0	11.0	16.4#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





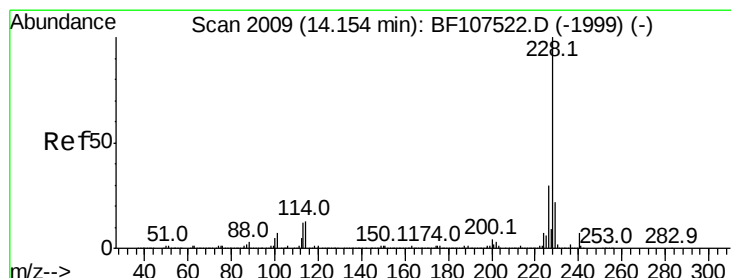
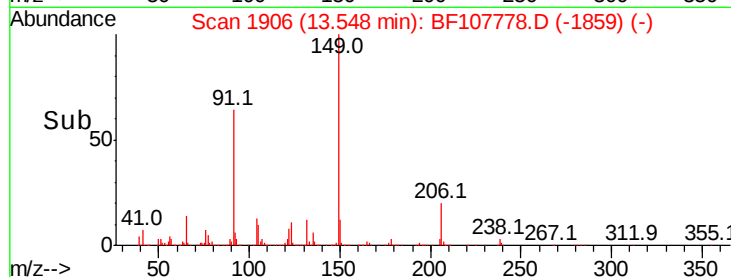
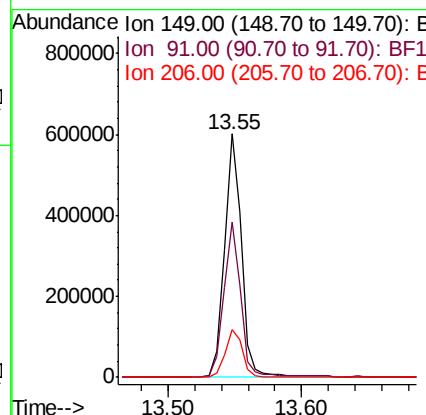
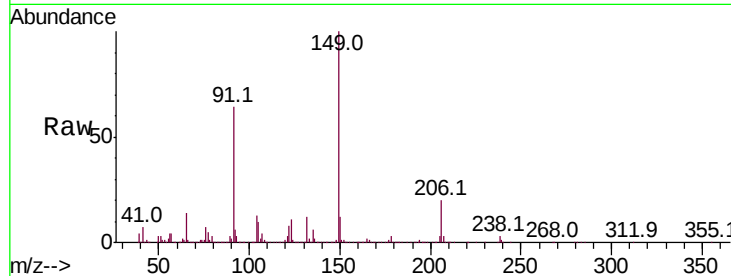
#79
Butylbenzylphthalate
Concen: 43.876 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
Client Sampled :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.9	56.8	85.2
206	19.8	14.1	21.1

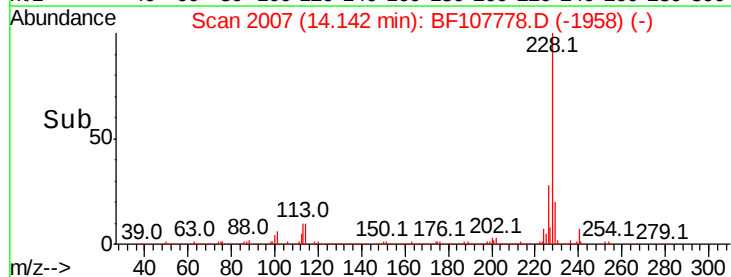
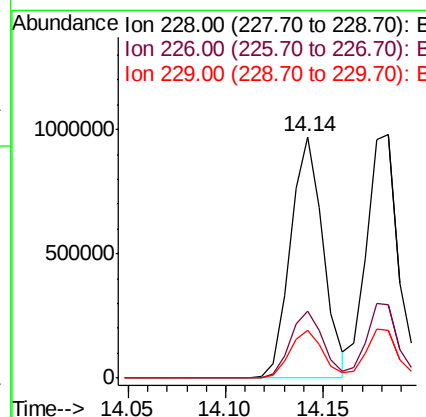
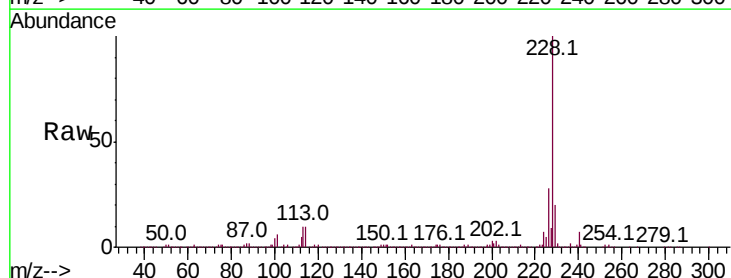
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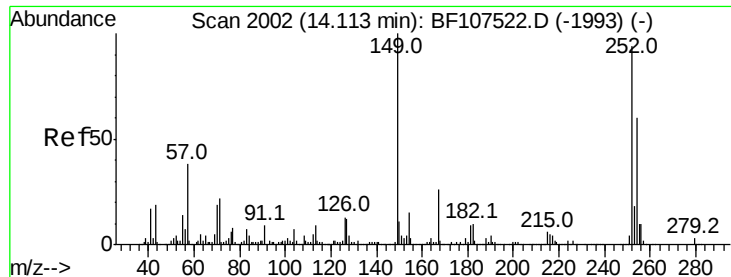
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#80
Benzo(a)anthracene
Concen: 45.757 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.0	15.8	23.6





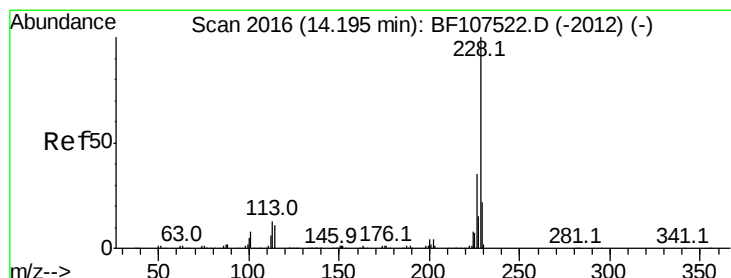
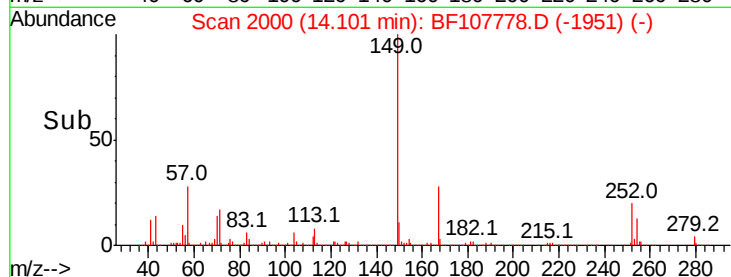
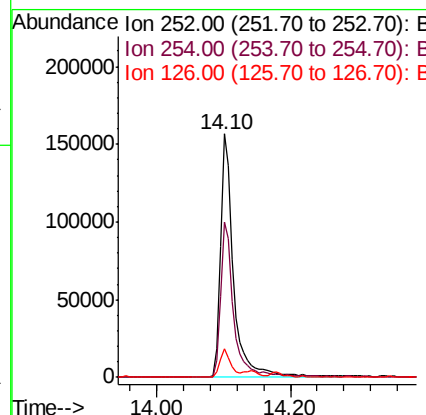
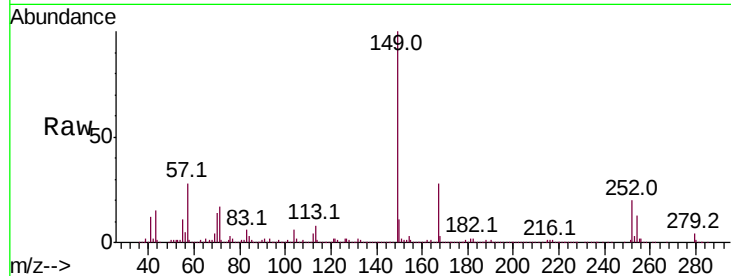
#81
 3,3'-Dichlorobenzidine
 Concen: 26.685 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	11.6	11.3	16.9

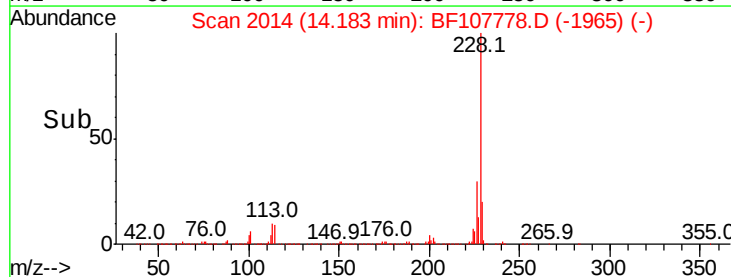
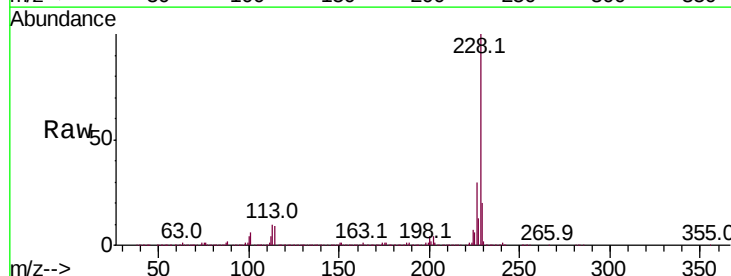
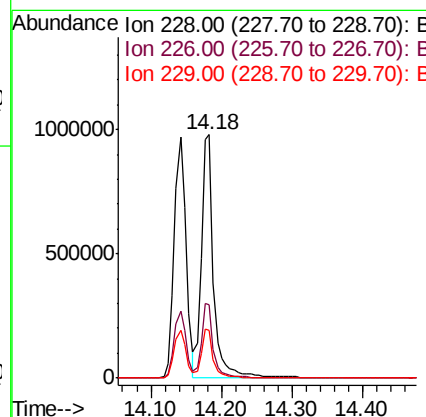
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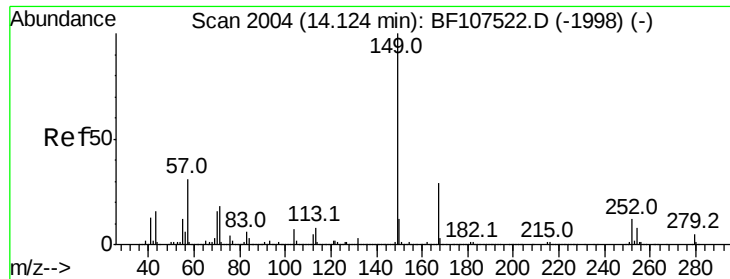
Sohil
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#82
 Chrysene
 Concen: 51.473 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.8	16.2	24.4





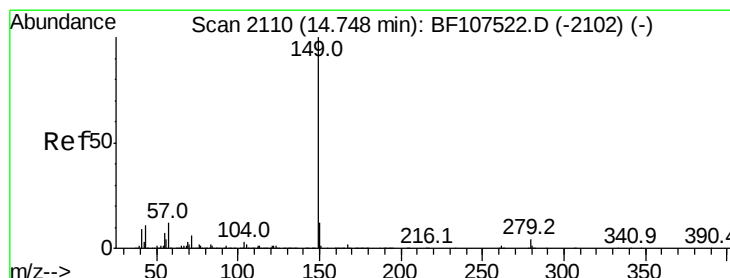
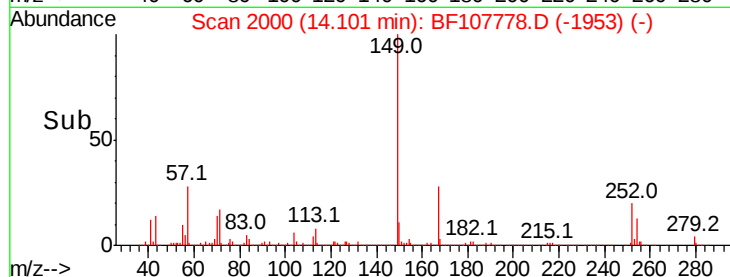
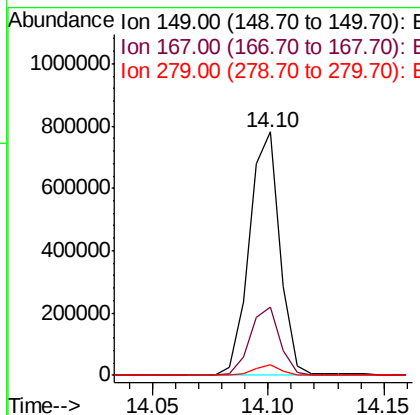
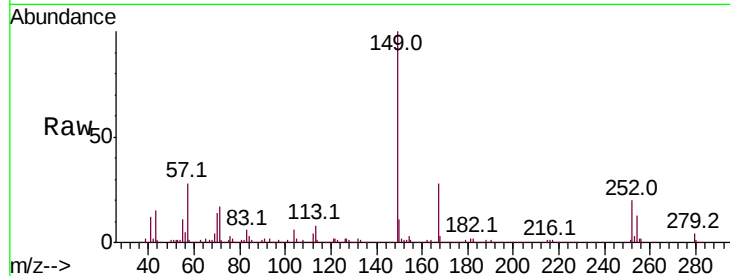
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.576 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	21.3	31.9
279	4.2	3.0	4.4

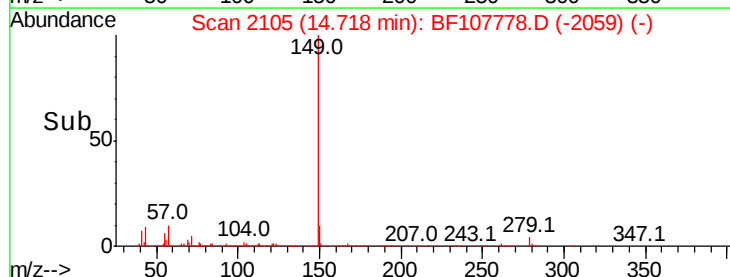
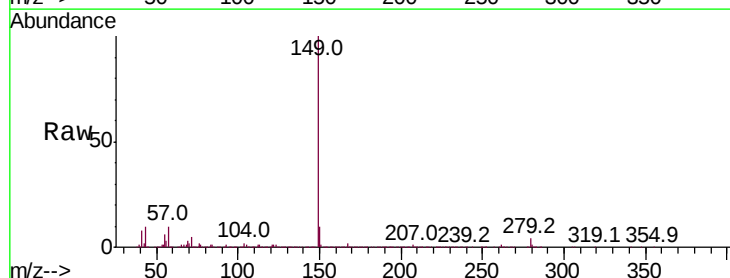
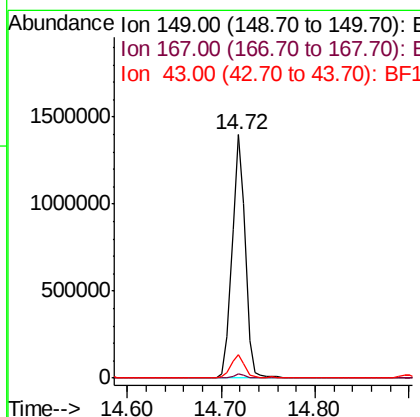
Manual Integrations
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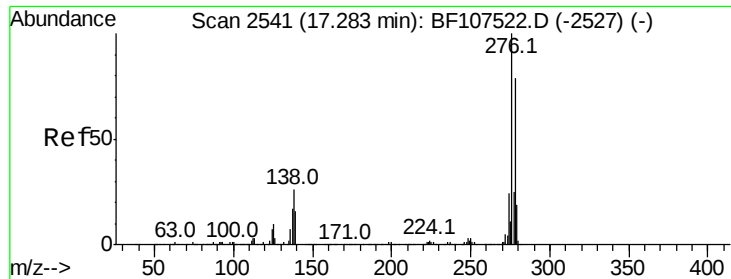
Sohil
 7/30/2018 2:03:44 PM



#84
 Di-n-octyl phthalate
 Concen: 49.985 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. -0.03 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.4	12.6





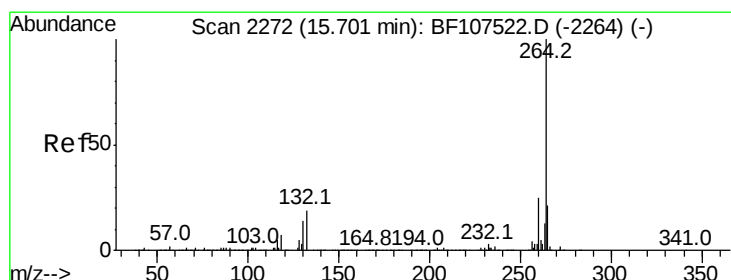
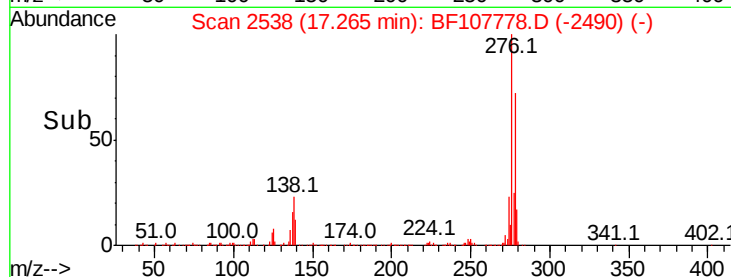
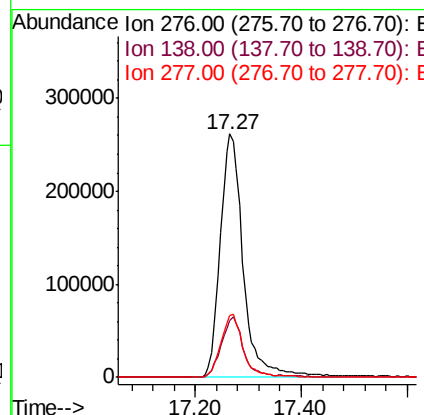
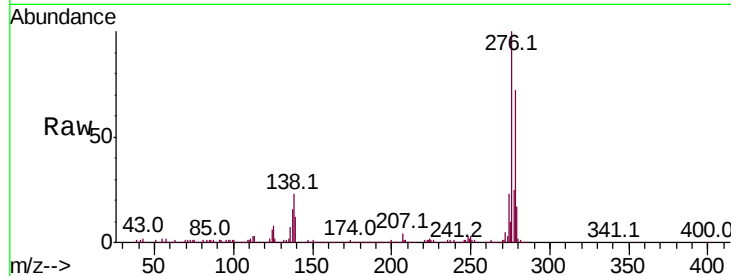
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.689 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	25.2	20.1	30.1

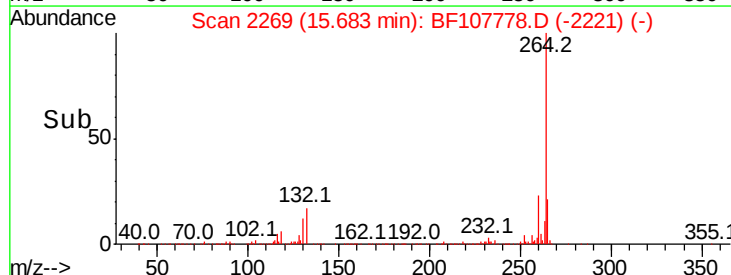
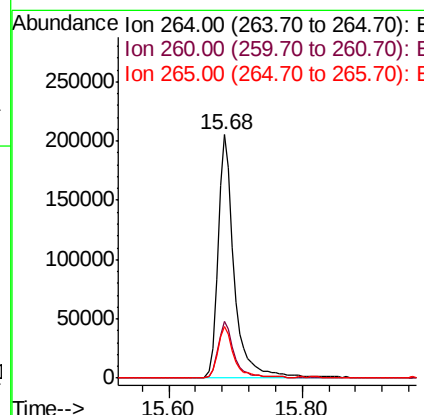
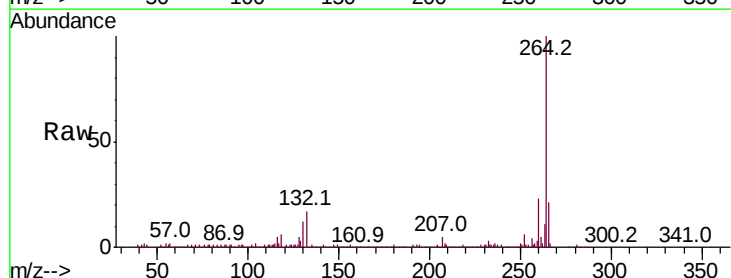
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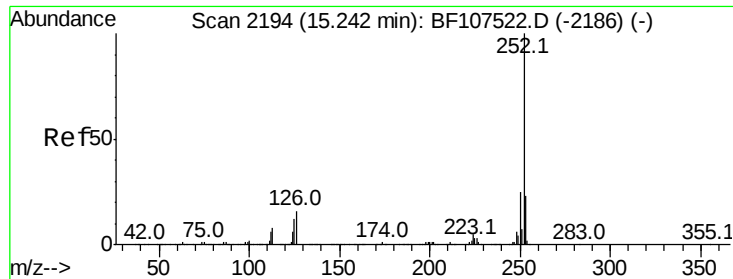
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.5	26.3





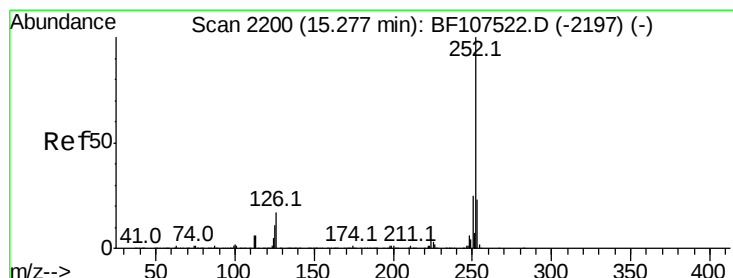
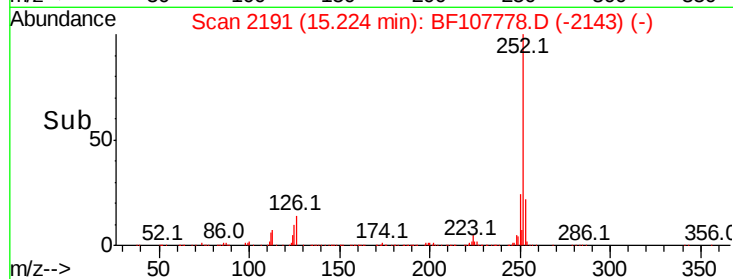
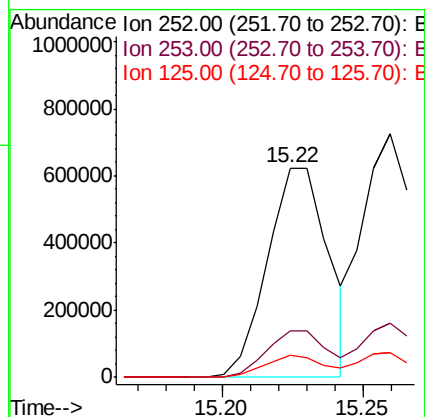
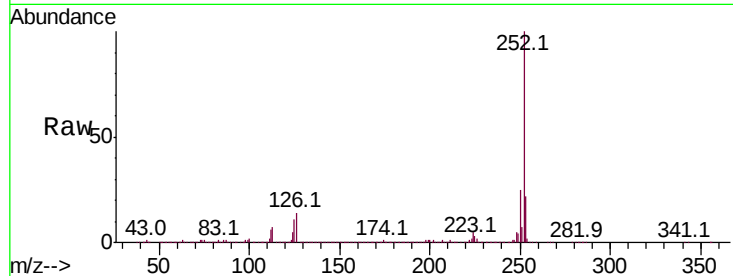
#87
Benzo(b)fluoranthene
Concen: 48.902 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.5	9.0	13.6

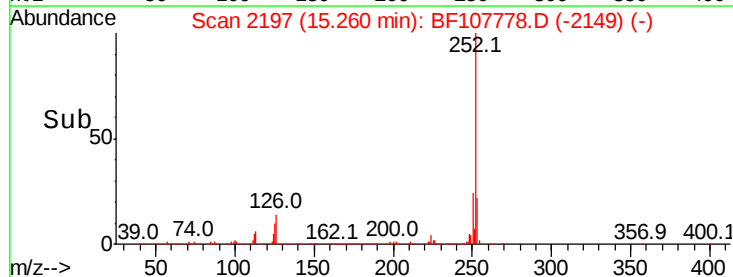
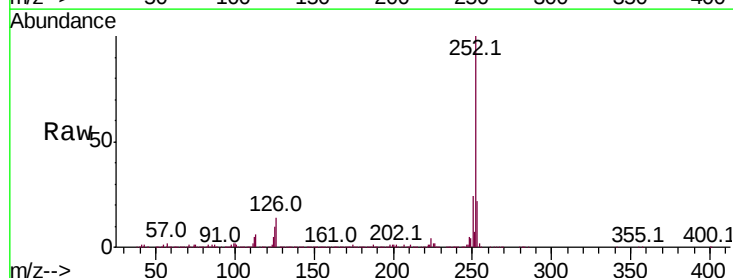
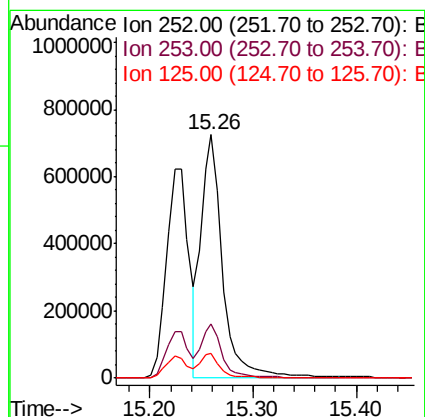
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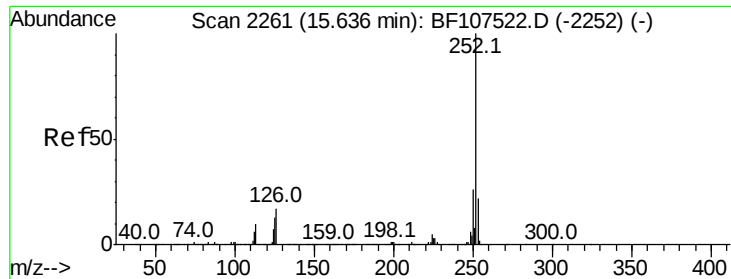
Sohil
7/30/2018 2:03:44 PM



#88
Benzo(k)fluoranthene
Concen: 56.469 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.1	10.2	15.2#





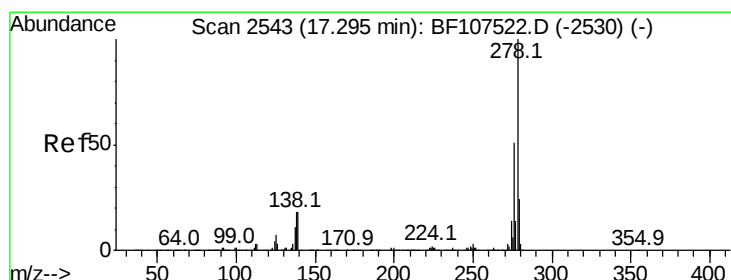
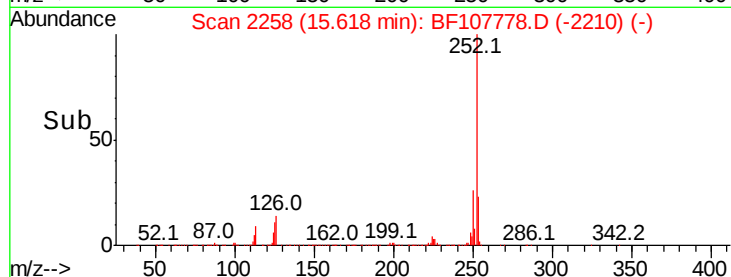
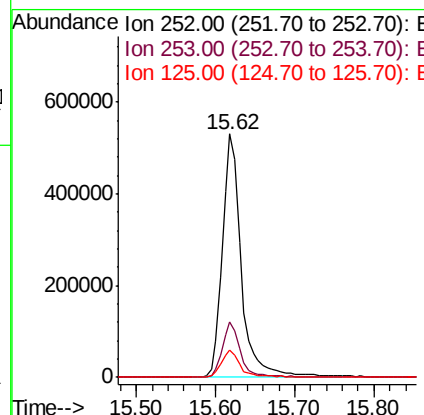
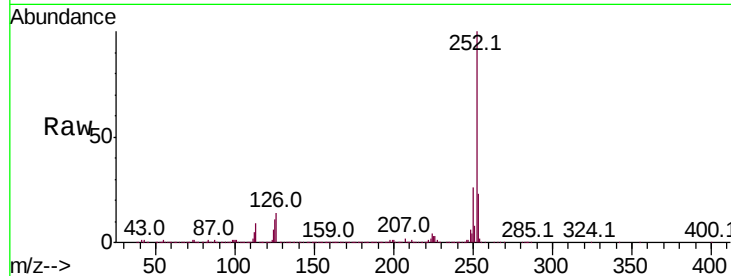
#89
Benzo(a)pyrene
Concen: 49.630 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Instrument :
BNA_F
ClientSampleId :
MW-33MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.3	9.8	14.6

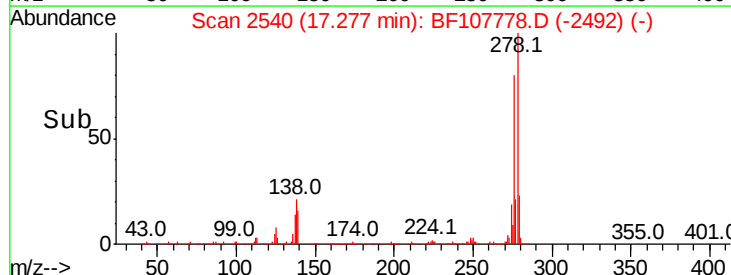
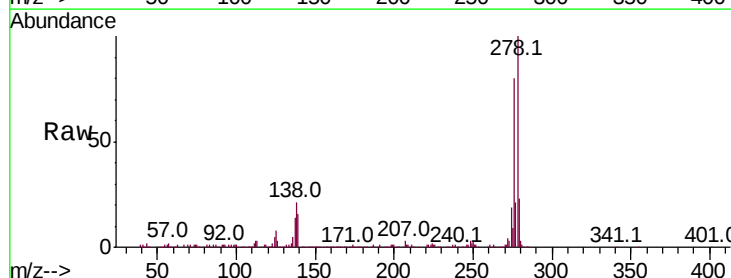
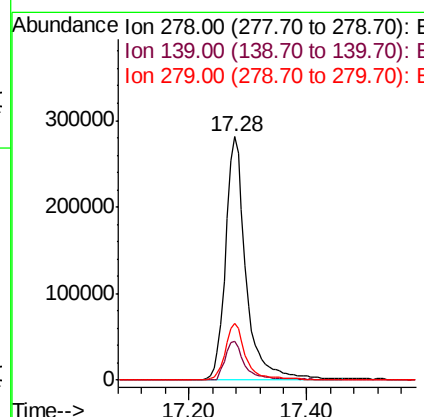
Manual Integrations
APPROVED

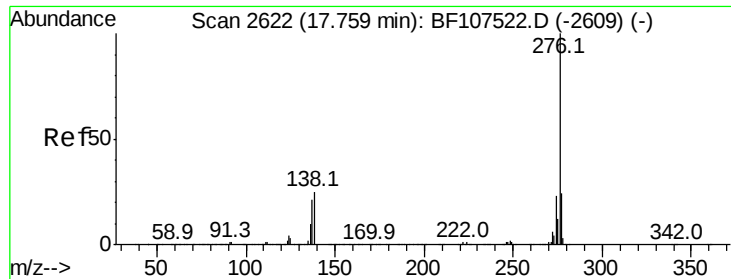
Sohil
7/30/2018 2:03:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.766 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.02 min
Lab File: BF107778.D
Acq: 28 Jul 2018 6:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.9	23.9#
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.206 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107778.D
 Acq: 28 Jul 2018 6:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-33MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	20.5	21.8	32.8#

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