

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107801.D
 Acq On : 30 Jul 2018 15:49
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 7/31/2018 2:42:31 PM

Quant Time: Jul 30 18:21:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168735	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	741430	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	351446	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	750156	20.00	ng	0.00
75) Chrysene-d12	14.15	240	579549	20.00	ng	0.00
86) Perylene-d12	15.68	264	499642	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	703646	70.87	ng	0.00
7) Phenol-d6	6.61	99	957270	73.16	ng	0.00
23) Nitrobenzene-d5	7.54	82	976270	75.86	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	372718	78.05	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1945870	77.15	ng	0.00
78) Terphenyl-d14	13.08	244	2013221	75.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	179444	39.667	ng	# 84
3) Pyridine	3.61	79	407567	36.668	ng	# 84
4) n-Nitrosodimethylamine	3.59	42	175241m	34.690	ng	
6) Aniline	6.64	93	529055	38.873	ng	# 78
8) 2-Chlorophenol	6.75	128	465812	37.351	ng	96
9) Benzaldehyde	6.52	77	290013m	36.736	ng	
10) Phenol	6.62	94	499842	32.033	ng	92
11) bis(2-Chloroethyl)ether	6.70	93	548741	39.548	ng	94
12) 1,3-Dichlorobenzene	6.90	146	494267	37.788	ng	99
13) 1,4-Dichlorobenzene	6.98	146	566281	38.892	ng	98
14) 1,2-Dichlorobenzene	7.13	146	503782	37.273	ng	99
15) Benzyl Alcohol	7.11	79	317389	39.025	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	733269	36.757	ng	72
17) 2-Methylphenol	7.22	107	354815	38.541	ng	# 84
18) Hexachloroethane	7.47	117	190179	36.338	ng	97
19) n-Nitroso-di-n-propylamine	7.37	70	323778	39.007	ng	97
20) 3+4-Methylphenols	7.38	107	464595	41.104	ng	# 55
22) Acetophenone	7.38	105	651257	36.510	ng	# 90
24) Nitrobenzene	7.55	77	503991	37.347	ng	98
25) Isophorone	7.78	82	787943	37.298	ng	98
26) 2-Nitrophenol	7.87	139	267132	39.443	ng	97
27) 2,4-Dimethylphenol	7.90	122	342848	37.811	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	548171	39.374	ng	98
29) 2,4-Dichlorophenol	8.11	162	404642	39.453	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	452079	38.637	ng	99
31) Naphthalene	8.27	128	1351970	39.228	ng	99
32) Benzoic acid	8.04	122	194752	32.250	ng	94
33) 4-Chloroaniline	8.32	127	591346	40.169	ng	99
34) Hexachlorobutadiene	8.37	225	270616	37.427	ng	97
35) Caprolactam	8.71	113	120648	39.075	ng	89
36) 4-Chloro-3-methylphenol	8.81	107	445883	40.029	ng	96
37) 2-Methylnaphthalene	8.95	142	872835	40.317	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	466363	38.920	ng	# 97
40) Hexachlorocyclopentadiene	9.10	237	168369	37.031	ng	98

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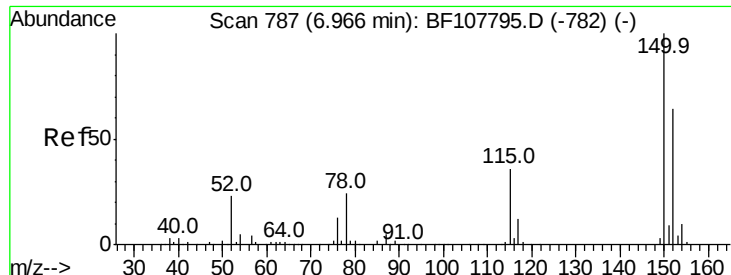
Manual Integrations
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 7/31/2018 2:42:31 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	270022	40.762	nq	98
43) 2,4,5-Trichlorophenol	9.29	196	320866	40.235	nq	94
45) 1,1'-Biphenyl	9.42	154	1238913	38.736	nq	98
46) 2-Chloronaphthalene	9.45	162	933465	38.703	nq	98
47) 2-Nitroaniline	9.56	65	307631	39.213	nq	93
48) Acenaphthylene	9.87	152	1392337	37.237	nq	99
49) Dimethylphthalate	9.72	163	1029666	39.012	nq	100
50) 2,6-Dinitrotoluene	9.80	165	227322	39.632	nq	93
51) Acenaphthene	10.04	154	793503	36.532	nq	99
52) 3-Nitroaniline	9.98	138	278545	38.538	nq	96
53) 2,4-Dinitrophenol	10.08	184	96941	37.124	nq #	38
54) Dibenzofuran	10.21	168	1261585	37.578	nq	99
55) 4-Nitrophenol	10.15	139	103525	36.203	nq	87
56) 2,4-Dinitrotoluene	10.20	165	283937	37.663	nq #	93
57) Fluorene	10.55	166	974989	37.369	nq	94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	282921	38.625	nq #	82
59) Diethylphthalate	10.42	149	1070965	37.739	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	535730	37.693	nq	93
61) 4-Nitroaniline	10.60	138	250296	39.022	nq	95
62) Azobenzene	10.71	77	988638	37.407	nq	93
64) 4,6-Dinitro-2-methylphenol	10.61	198	165127	40.462	nq	92
65) n-Nitrosodiphenylamine	10.67	169	923778	37.399	nq	100
66) 4-Bromophenyl-phenylether	11.04	248	315592	36.095	nq #	89
67) Hexachlorobenzene	11.11	284	363841	37.526	nq #	82
68) Atrazine	11.19	200	284277	38.886	nq	97
69) Pentachlorophenol	11.30	266	191367	40.094	nq	98
70) Phenanthrene	11.52	178	1330426	37.351	nq	99
71) Anthracene	11.58	178	1506493	36.668	nq	100
72) Carbazole	11.74	167	1548020	38.128	nq	99
73) Di-n-butylphthalate	12.04	149	1633971	36.889	nq	100
74) Fluoranthene	12.72	202	1540053	36.803	nq	97
76) Benzidine	12.85	184	734130	39.178	nq	99
77) Pyrene	12.95	202	1563485	37.465	nq	98
79) Butylbenzylphthalate	13.55	149	693587	37.953	nq	94
80) Benzo(a)anthracene	14.14	228	1214408	36.991	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	473307	37.192	nq #	94
82) Chrysene	14.18	228	1333367	37.655	nq	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	859806	37.425	nq	99
84) Di-n-octyl phthalate	14.72	149	1408140	38.185	nq	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	899458	33.395	nq #	92
87) Benzo(b)fluoranthene	15.22	252	955739	38.785	nq	98
88) Benzo(k)fluoranthene	15.26	252	1112687m	36.778	nq	
89) Benzo(a)pyrene	15.62	252	927360	36.454	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	769915	34.696	nq #	94
91) Benzo(g,h,i)perylene	17.74	276	724853	33.759	nq #	91

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



#1

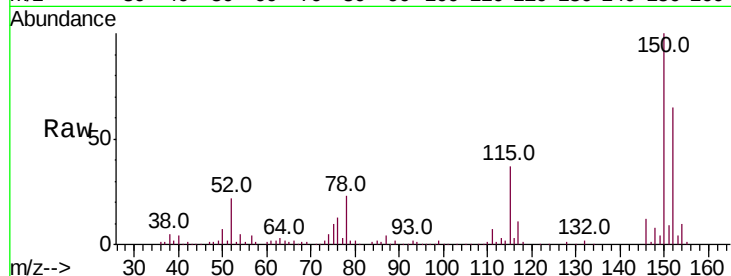
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	57.0	50.1	75.1

Manual Integrations
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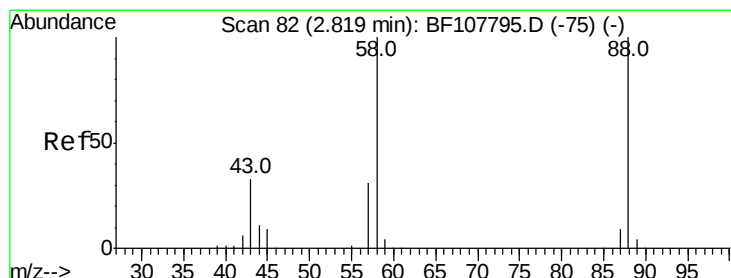
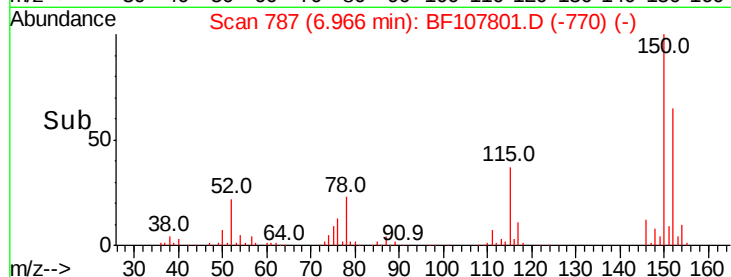
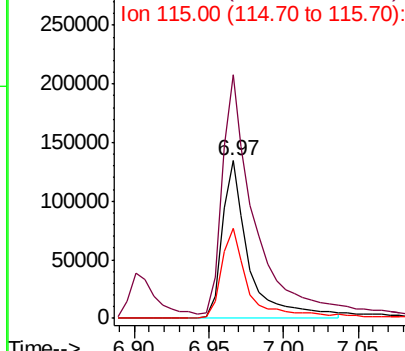


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

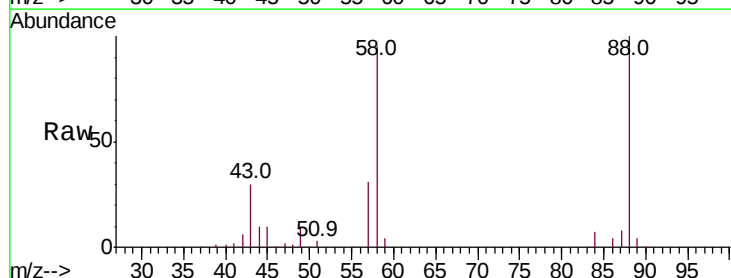
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.667 ng
RT: 2.81 min Scan# 81
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.9	62.6	93.8#
43	32.9	24.6	37.0

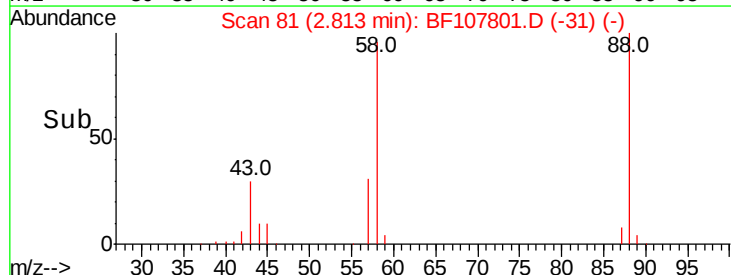
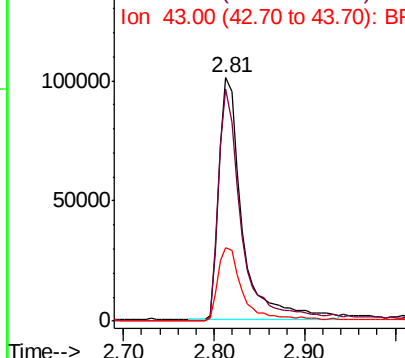


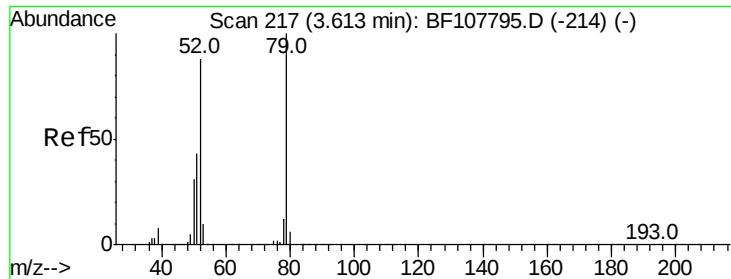
Abundance

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





#3

Pvridine

Concen: 36.668 ng

RT: 3.61 min Scan# 216

Delta R.T. -0.01 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

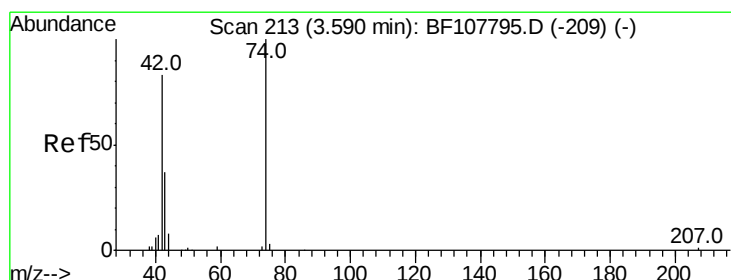
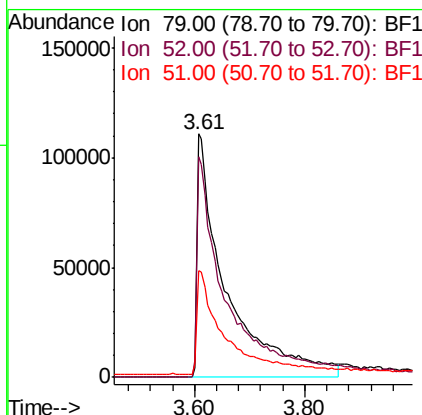
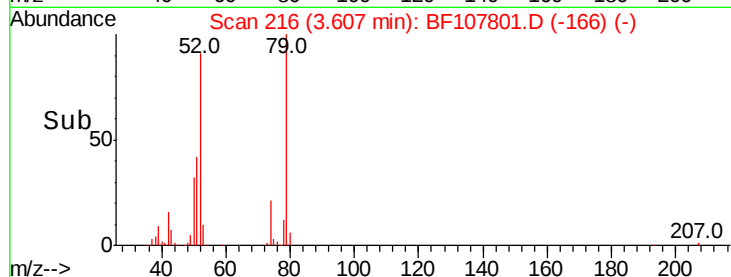
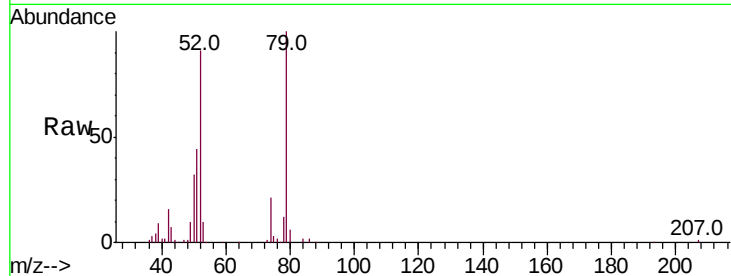
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	407567
Ion Ratio	Lower	Upper	
79	100		
52	90.7	59.8	89.6#
51	43.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 34.690 ng m

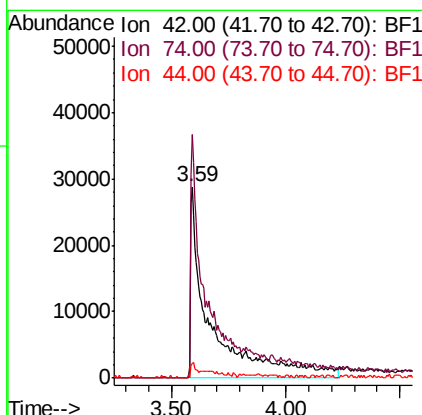
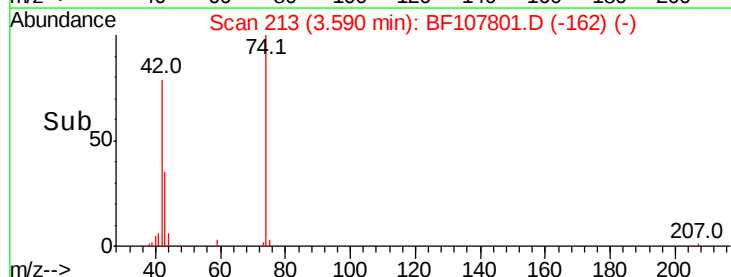
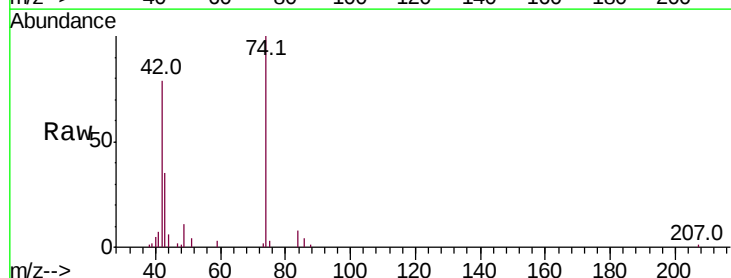
RT: 3.59 min Scan# 213

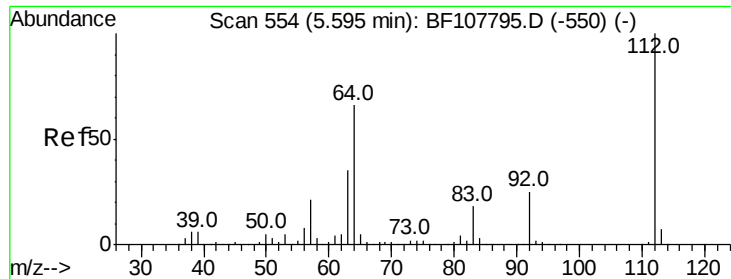
Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Tgt Ion:	42	Resp:	175241
Ion Ratio	Lower	Upper	
42	100		
74	127.4	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 70.873 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

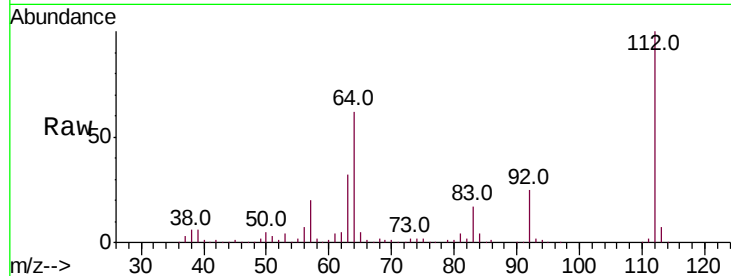
ClientSampleId :

SSTDCCC040

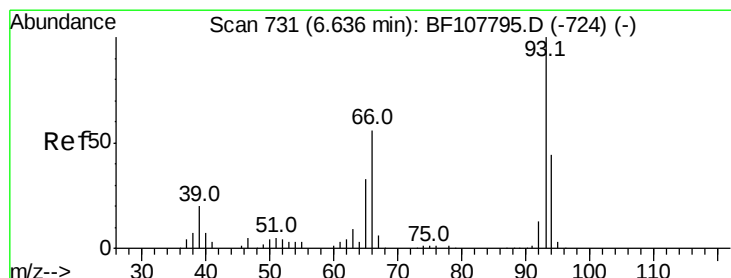
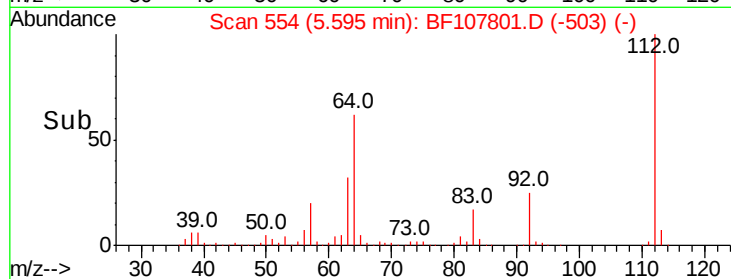
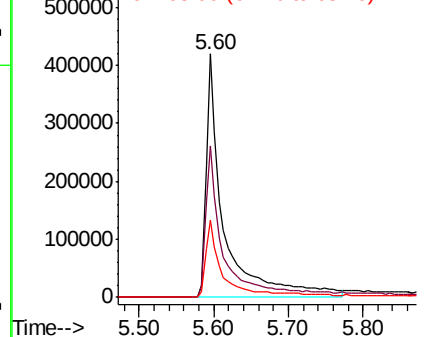
Tot Ion:	112	Resp:	703646
Ion Ratio	Lower	Upper	
112	100		
64	62.4	47.9	71.9
63	31.7	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.873 ng

RT: 6.64 min Scan# 731

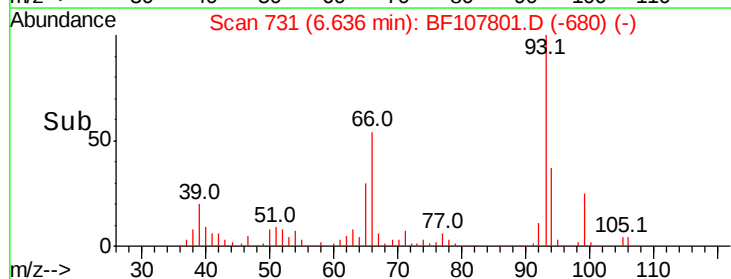
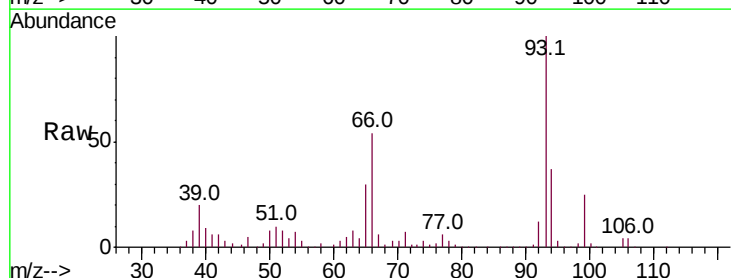
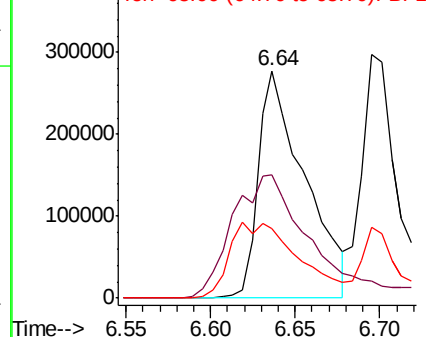
Delta R.T. -0.00 min

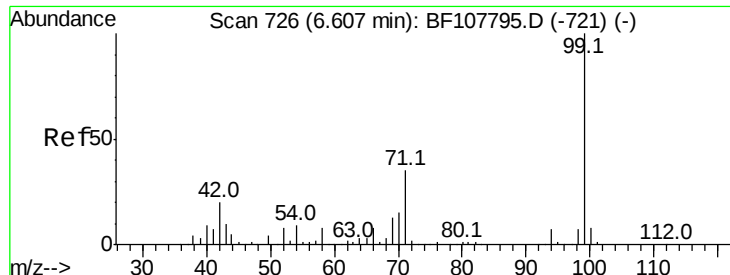
Lab File: BF107801.D

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Tgt Ion:	93	Resp:	529055
Ion Ratio	Lower	Upper	
93	100		
66	54.4	32.2	48.2#
65	30.3	16.4	24.6#

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.159 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

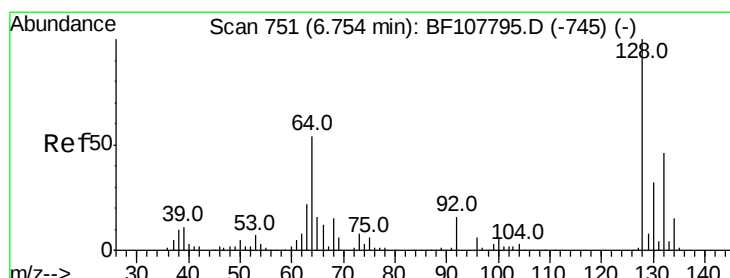
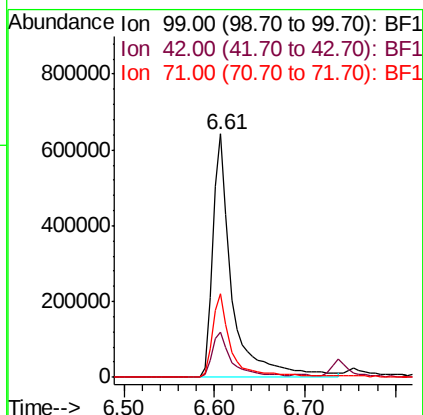
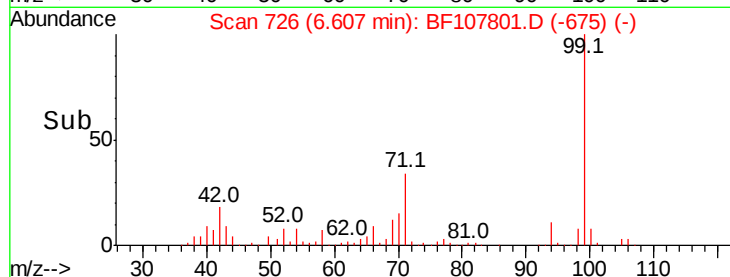
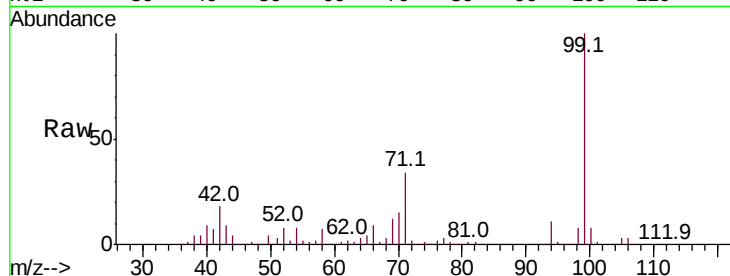
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	957270
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.5	21.7
71	34.4	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.351 ng

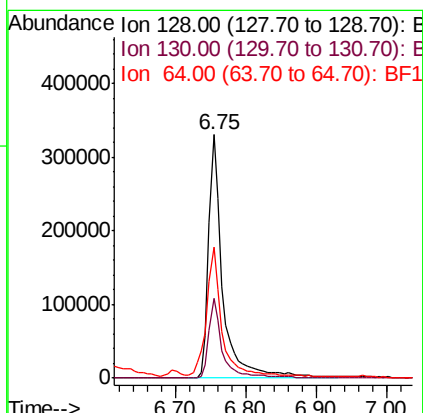
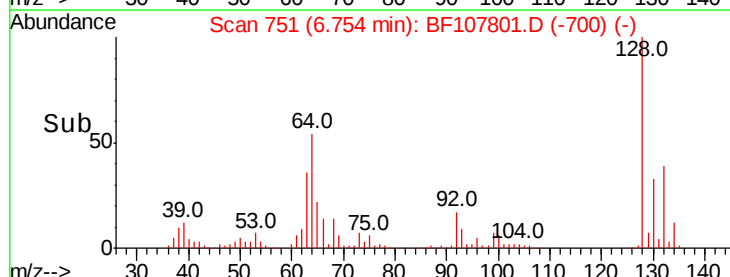
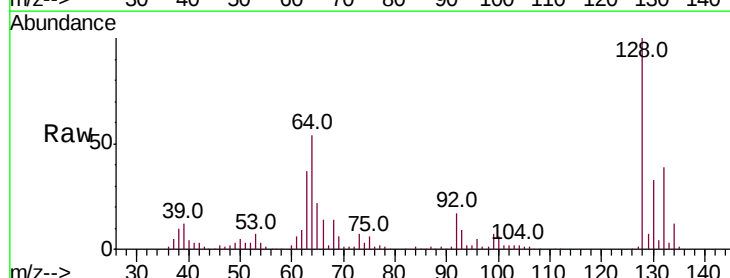
RT: 6.75 min Scan# 751

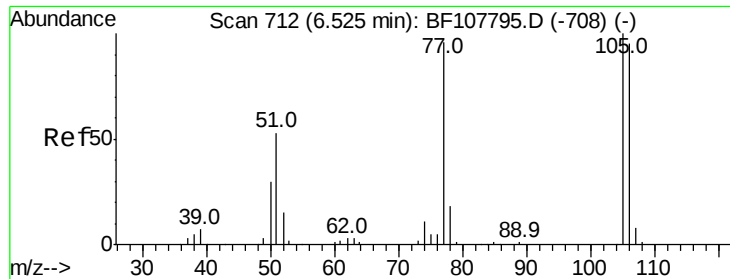
Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Tgt Ion:	128	Resp:	465812
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	53.9	29.4	69.4





#9

Benzaldehyde

Concen: 36.736 ng/mL

RT: 6.52 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

Tot Ion: 77 Resp: 290013

Ion Ratio Lower Upper

77 100

105 106.2 81.1 121.1

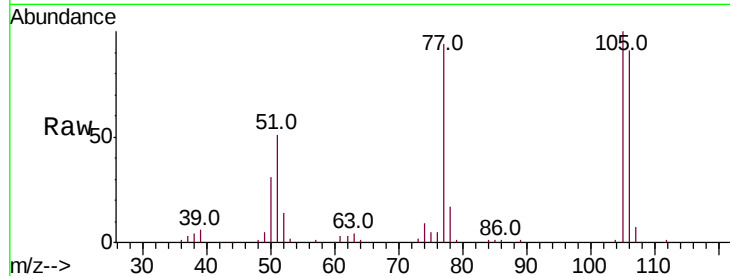
106 96.9 74.5 114.5

Manual Integrations

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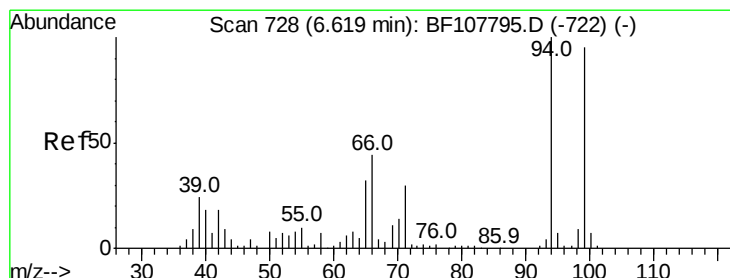
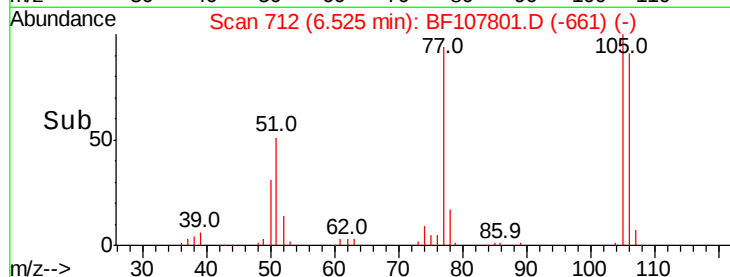
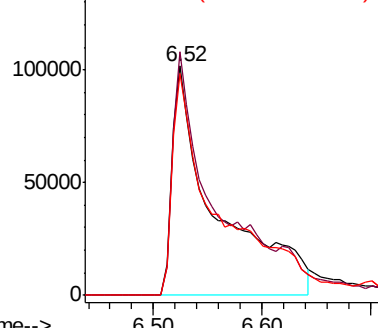
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.033 ng/mL

RT: 6.62 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

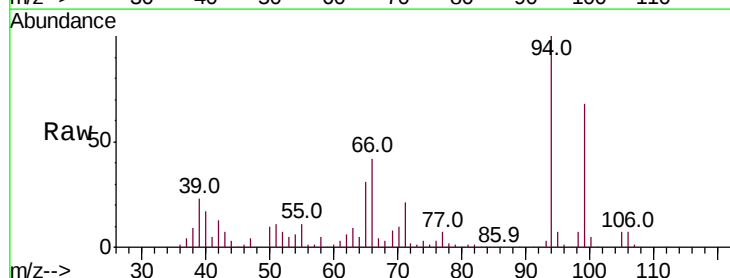
Tgt Ion: 94 Resp: 499842

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

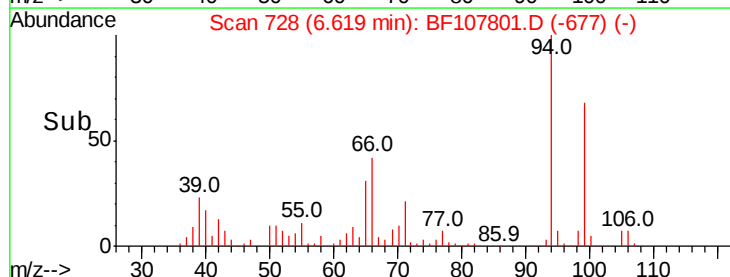
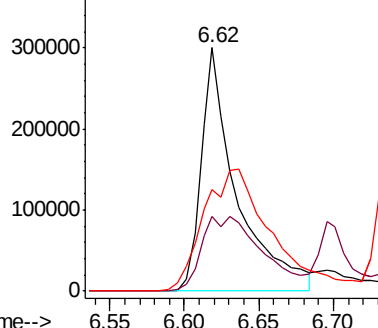
66 41.8 16.2 56.2

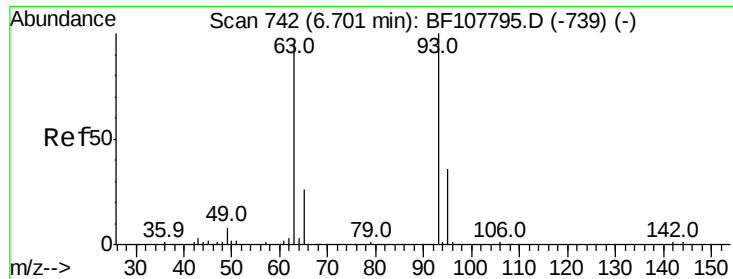


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





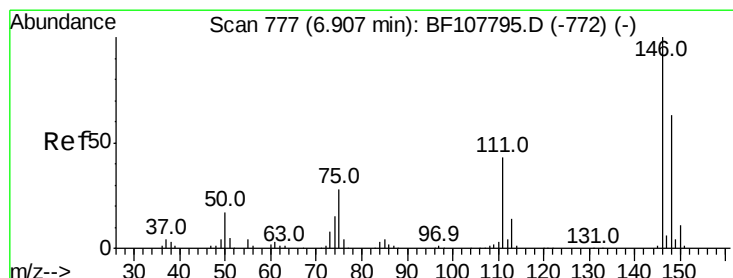
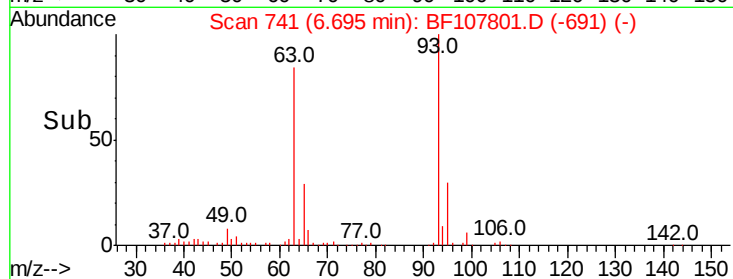
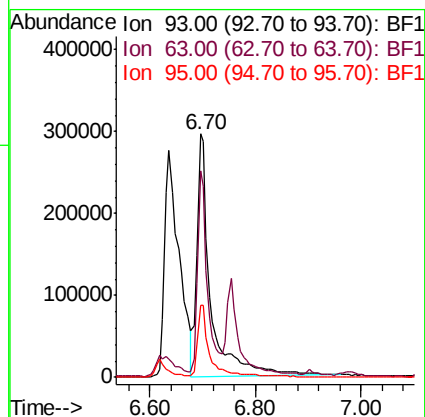
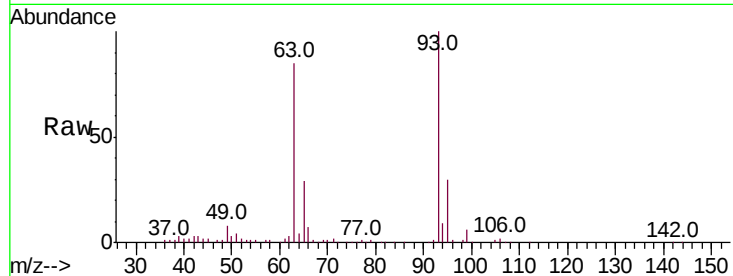
#11
bis(2-Chloroethyl)ether
Concen: 39.548 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	548741
Ion Ratio	Lower	Upper	
93	100		
63	84.7	58.6	98.6
95	29.6	11.8	51.8

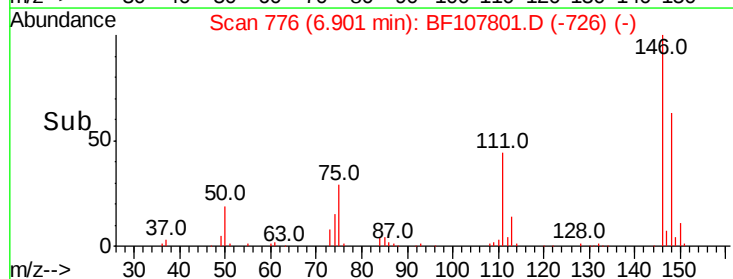
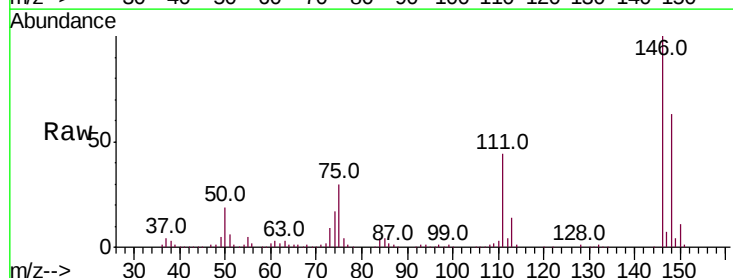
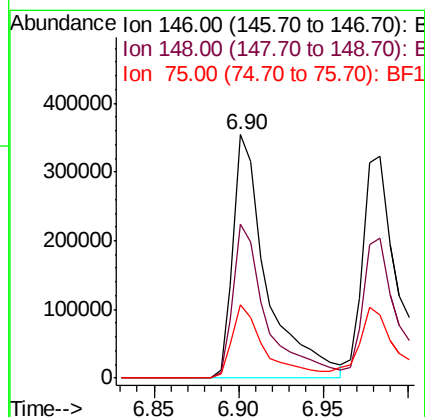
Manual Integrations
APPROVED

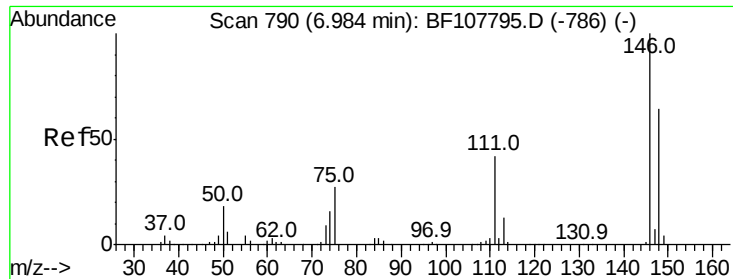
Sohil
7/31/2018 2:42:31 PM



#12
1,3-Dichlorobenzene
Concen: 37.788 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion:	146	Resp:	494267
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.8
75	30.1	24.2	36.4





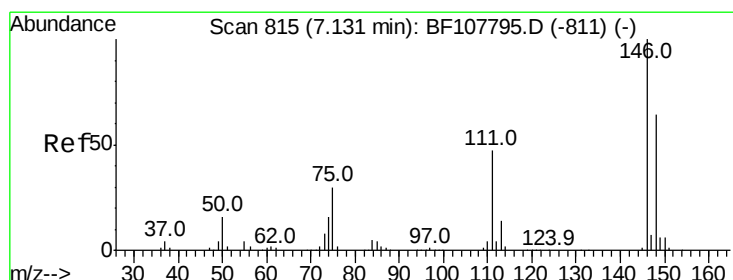
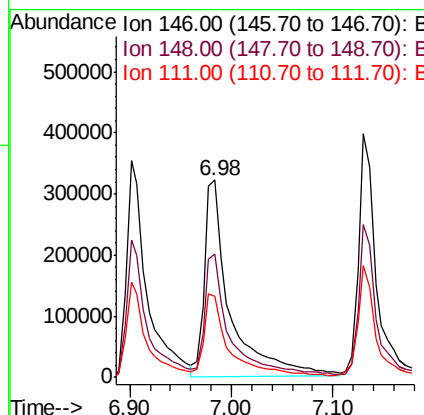
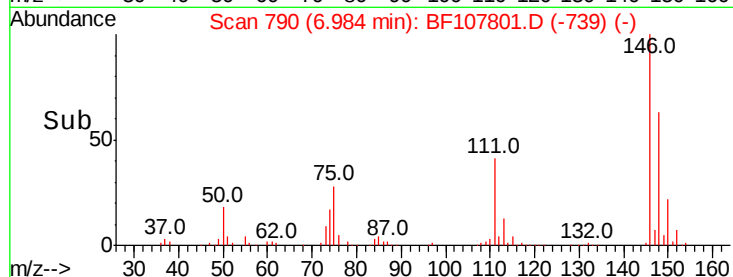
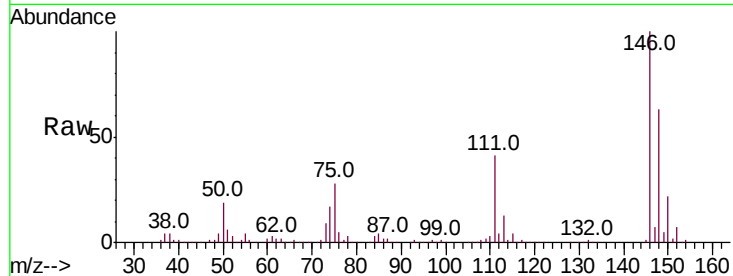
#13
 1,4-Dichlorobenzene
 Concen: 38.892 ng
 RT: 6.98 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	41.1	34.2	51.2

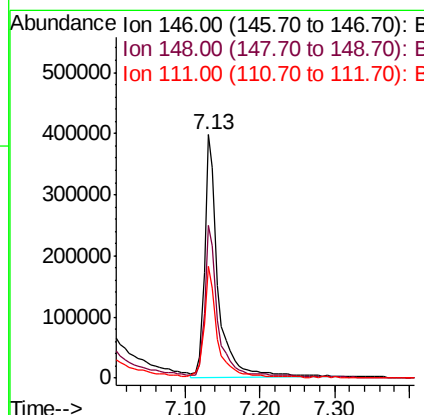
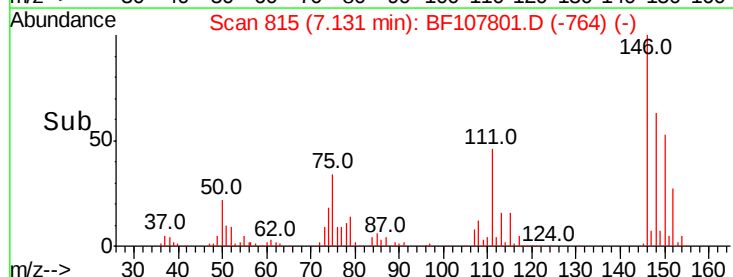
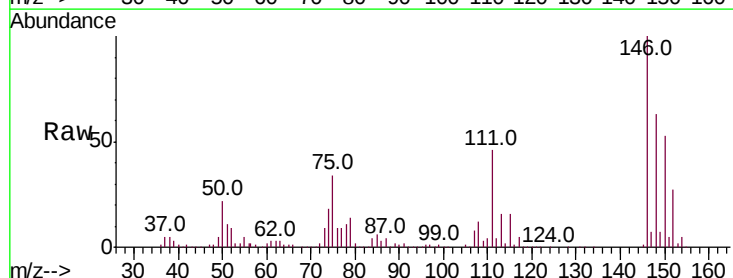
Manual Integrations
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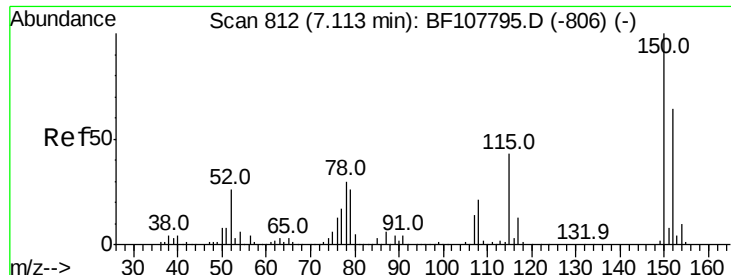
Sohil
 7/31/2018 2:42:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.273 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	45.7	36.0	54.0





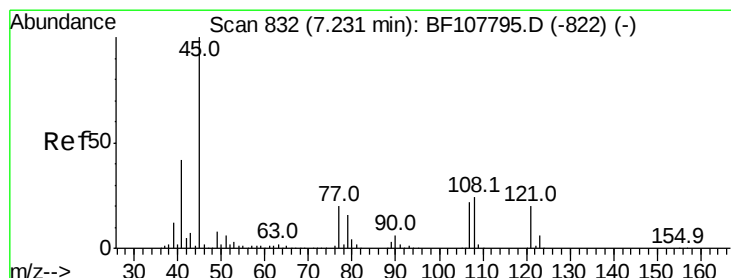
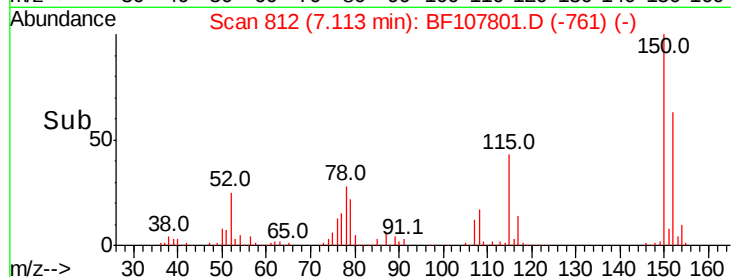
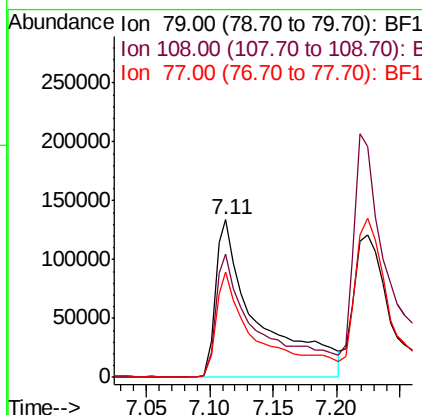
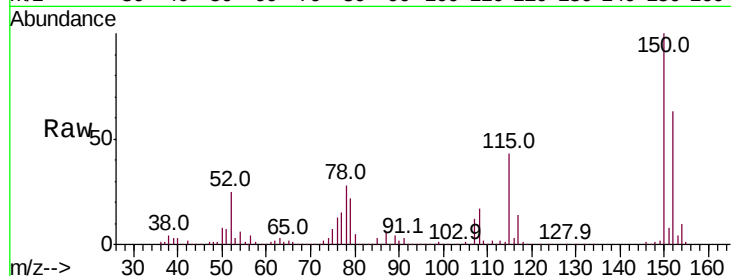
#15
Benzyl Alcohol
Concen: 39.025 ng
RT: 7.11 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.9	65.1	97.7
77	67.0	50.6	75.8

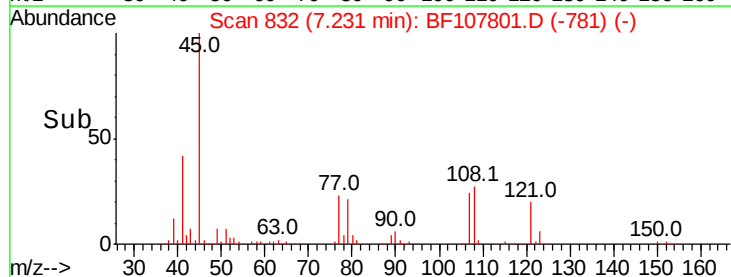
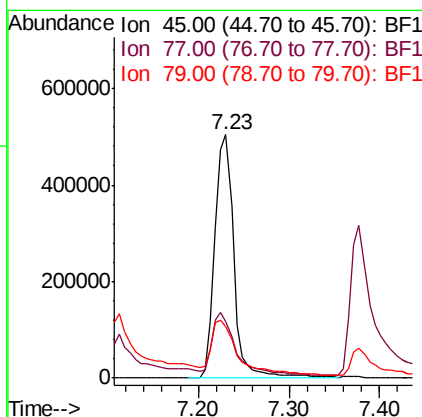
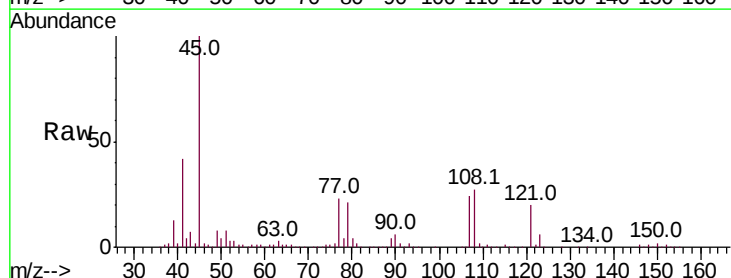
Manual Integrations
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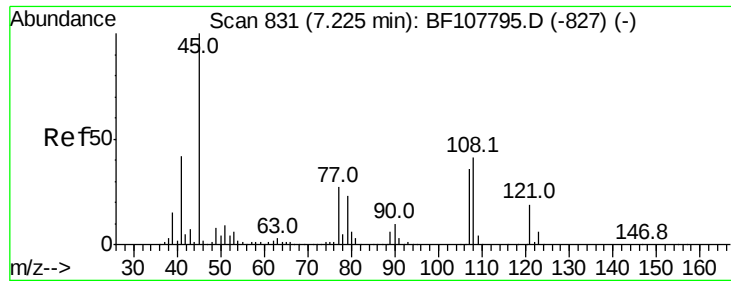
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.757 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.1	0.0	32.9
79	21.2	0.0	29.6





#17

2-Methylphenol

Concen: 38.541 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 354815
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

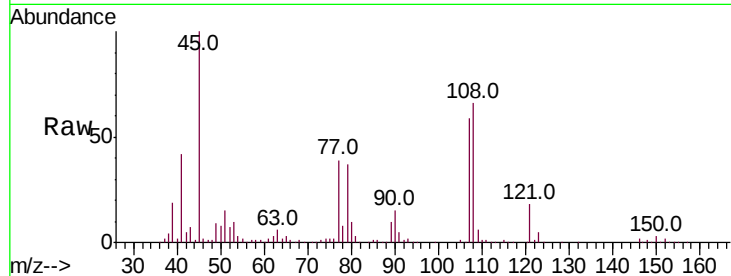
77 66.0 33.8 50.8#

79 62.6 33.8 50.8#

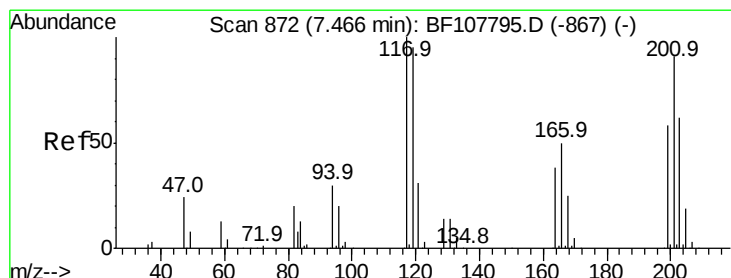
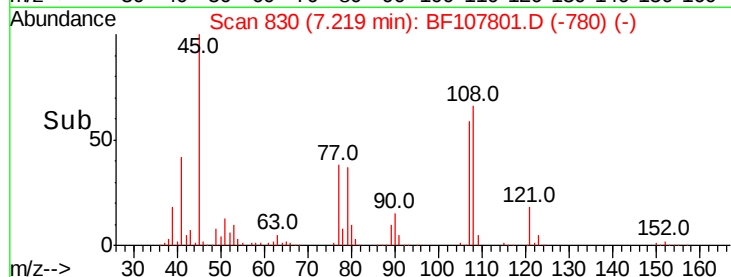
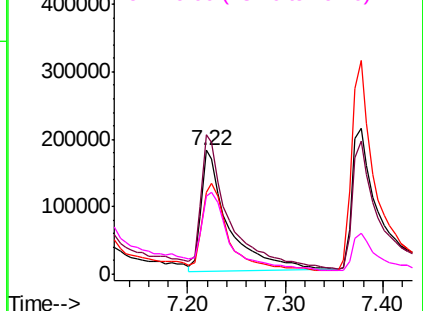
Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
500000
Ion 108.00 (107.70 to 108.70): E
400000
Ion 77.00 (76.70 to 77.70): BF1
300000
Ion 79.00 (78.70 to 79.70): BF1
200000
100000
0



#18

Hexachloroethane

Concen: 36.338 ng

RT: 7.47 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF107801.D

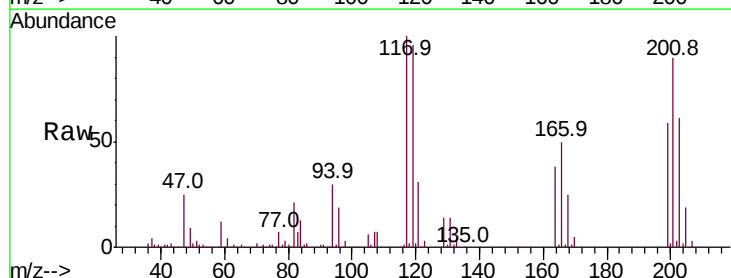
Acq: 30 Jul 2018 15:49

Tgt Ion:117 Resp: 190179
Ion Ratio Lower Upper

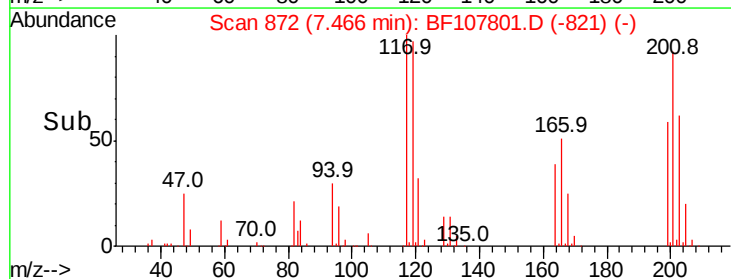
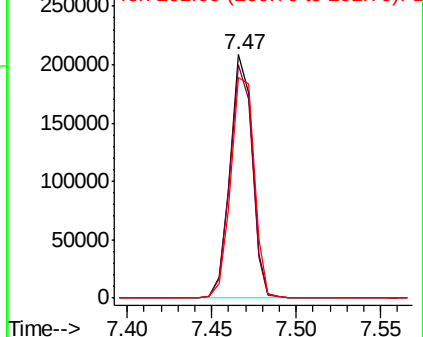
117 100

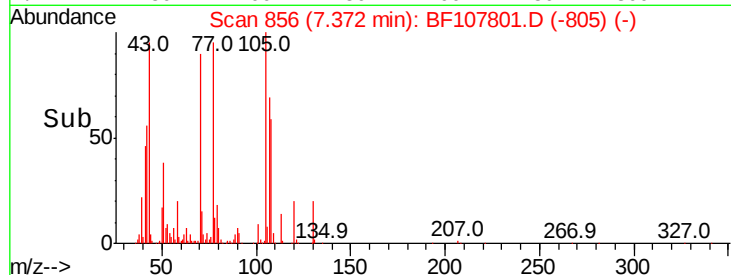
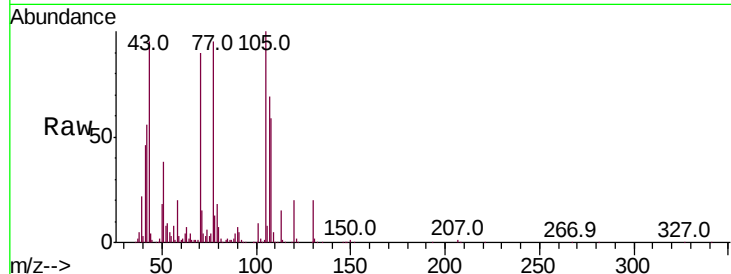
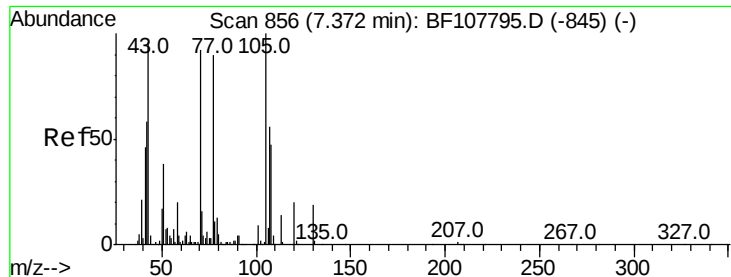
119 95.7 75.8 113.8

201 90.5 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0





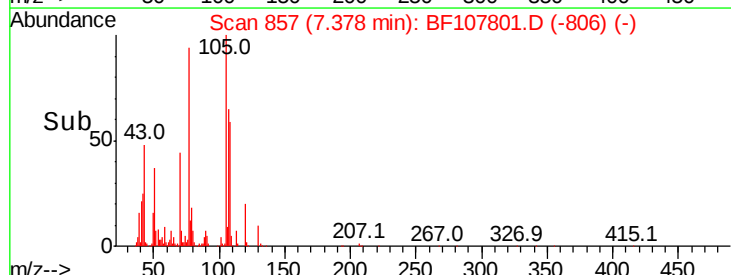
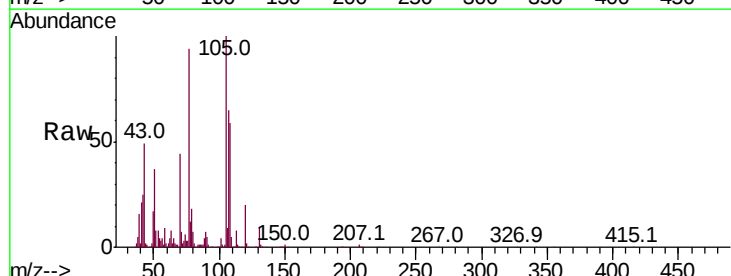
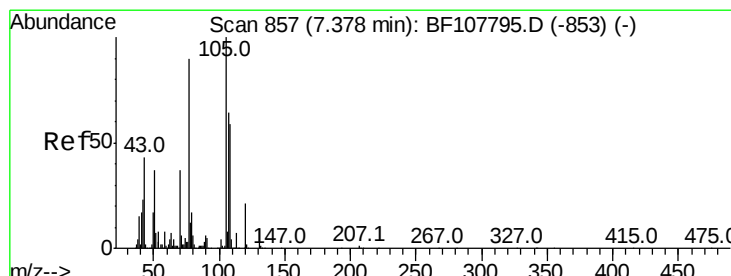
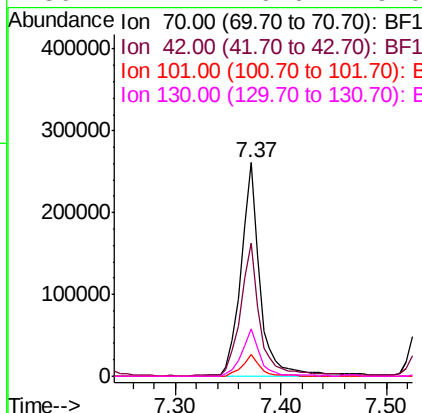
#19
n-Nitroso-di-n-propylamine
Concen: 39.007 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.3	47.5	71.3
101	9.9	7.4	11.2
130	22.1	16.6	25.0

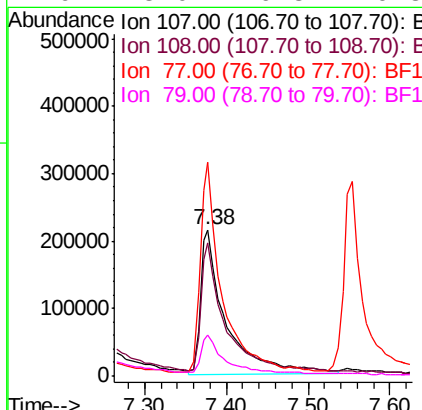
Manual Integrations
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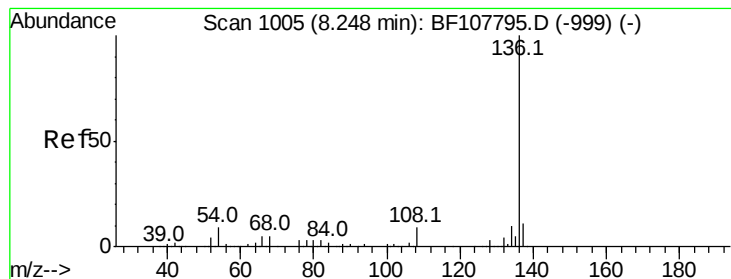
Sohil
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#20
3+4-Methylphenols
Concen: 41.104 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	146.0	26.7	66.7#
79	28.0	6.3	46.3





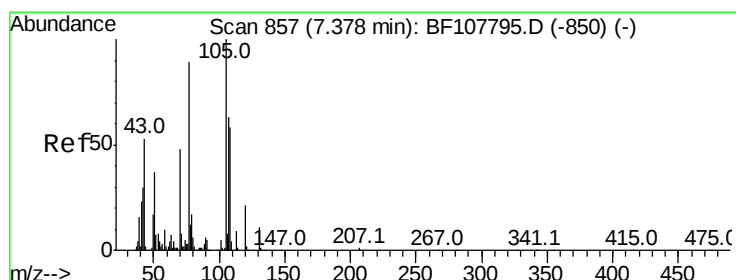
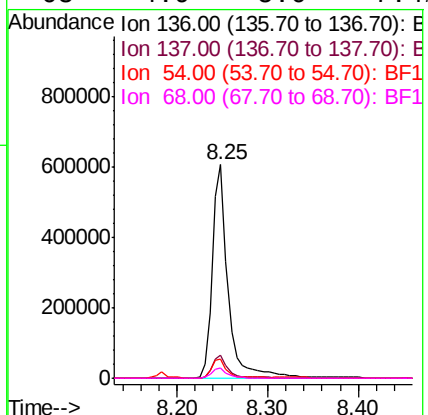
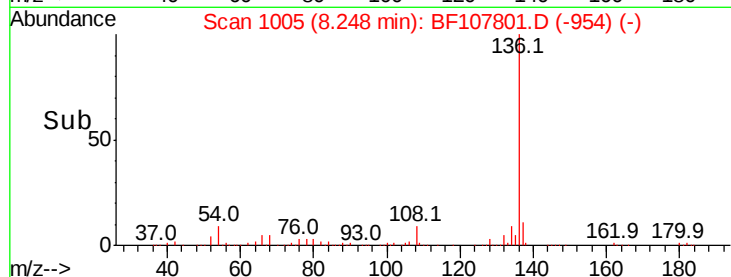
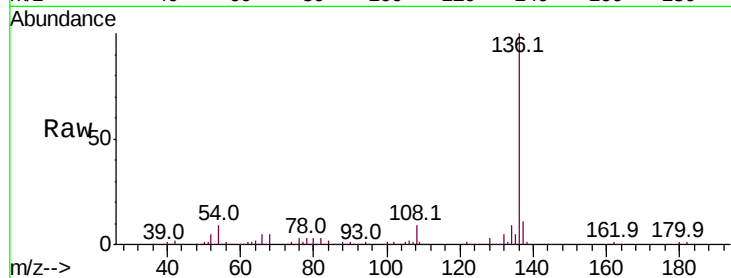
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	9.1	6.6	9.8	
68	4.9	5.0	7.4	

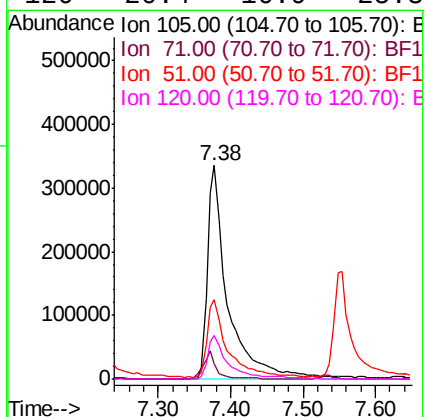
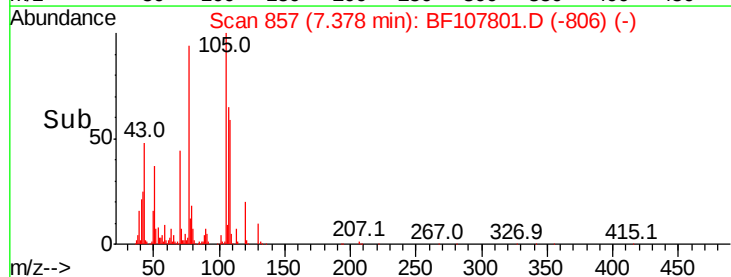
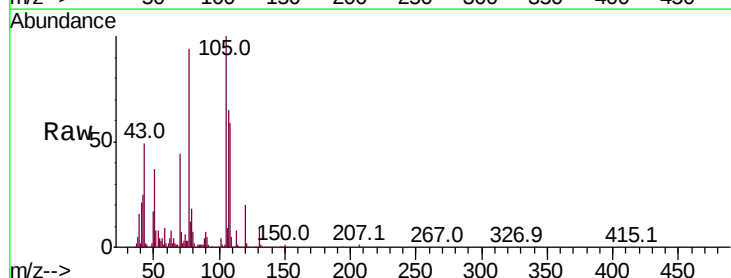
Manual Integrations
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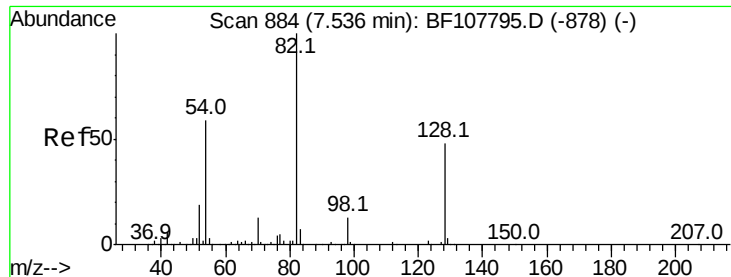
Sohil
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#22
Acetophenone
Concen: 36.510 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	4.4	6.6	
51	36.9	22.3	33.5	
120	20.4	16.9	25.3	





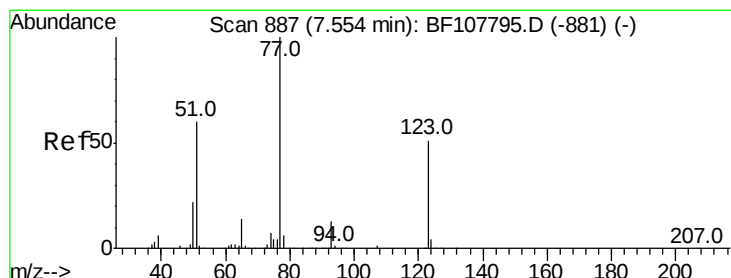
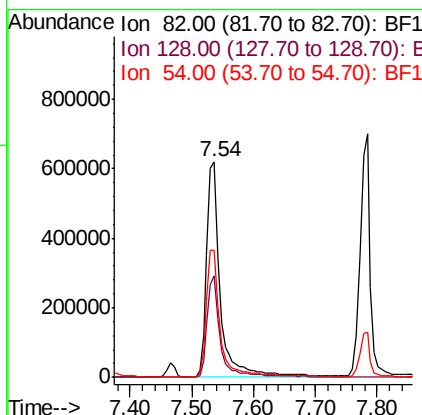
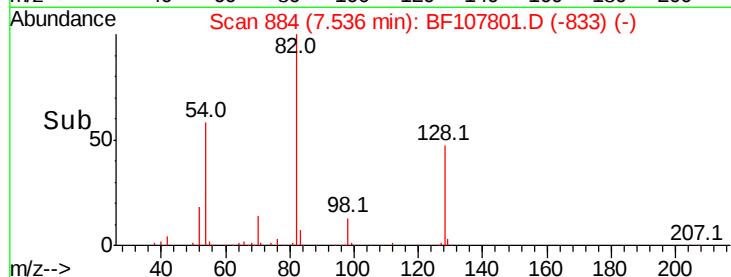
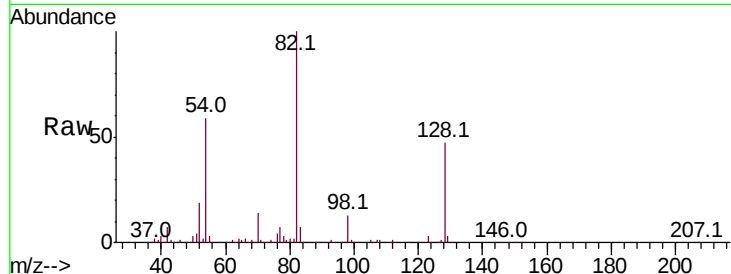
#23
 Nitrobenzene-d5
 Concen: 75.858 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	59.3	41.4	62.2

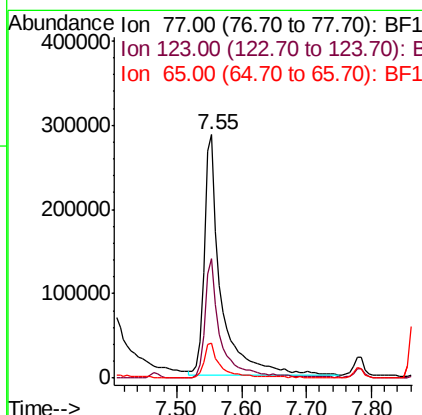
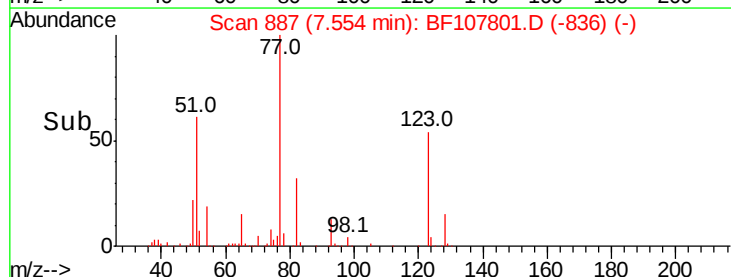
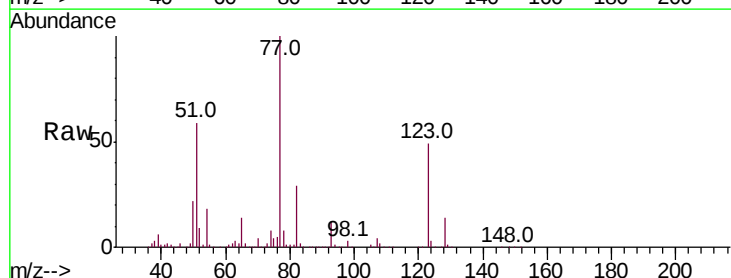
Manual Integrations
 APPROVED

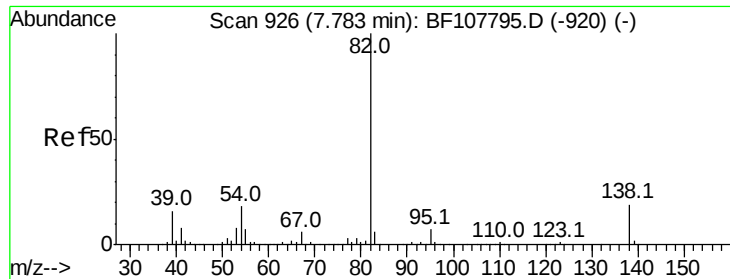
Sohil
 7/31/2018 2:42:31 PM



#24
 Nitrobenzene
 Concen: 37.347 ng
 RT: 7.55 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 37.298 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

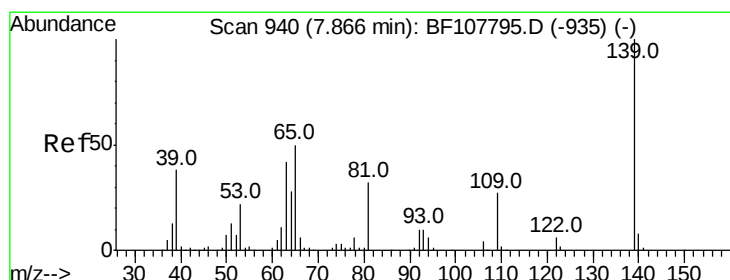
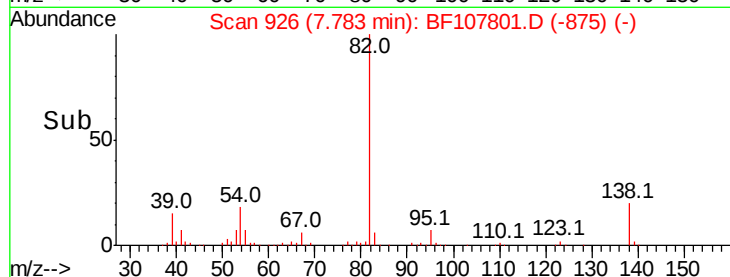
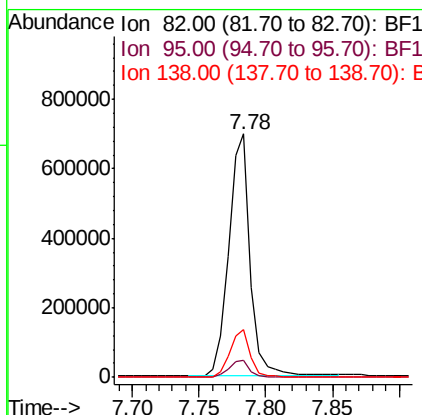
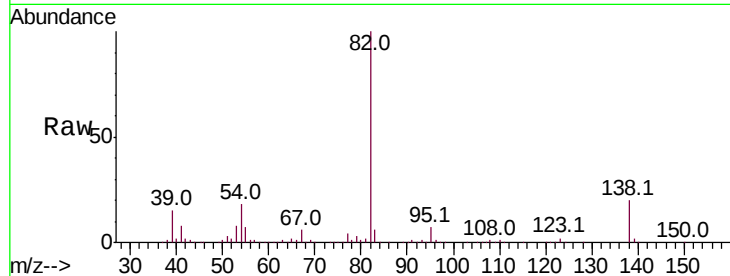
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	787943
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	19.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.443 ng

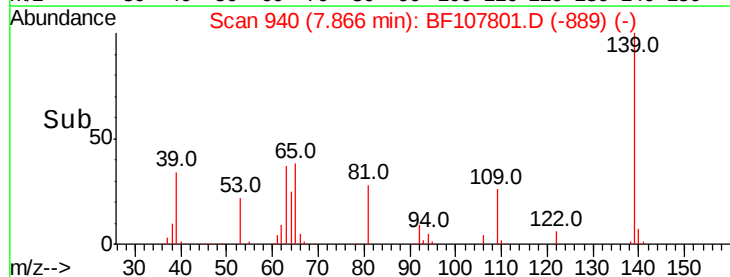
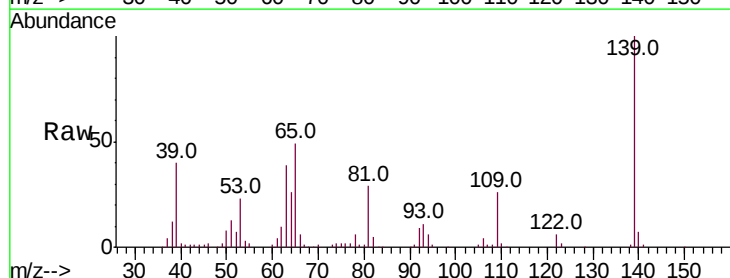
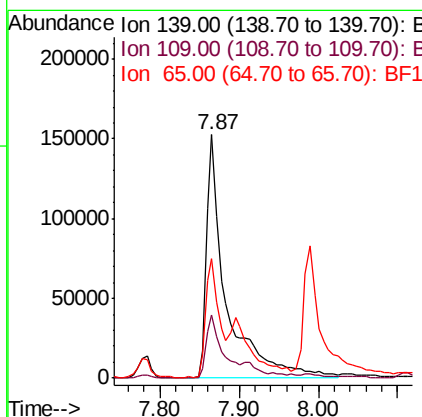
RT: 7.87 min Scan# 940

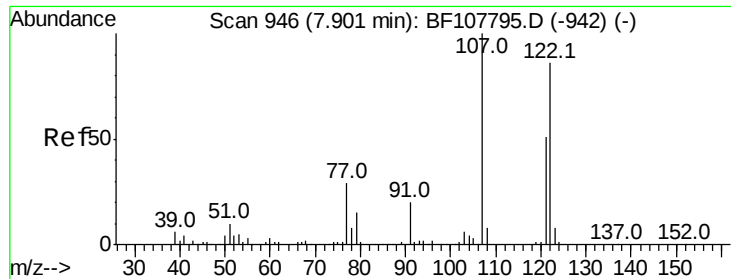
Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Tgt Ion:	139	Resp:	267132
Ion Ratio	Lower	Upper	
139	100		
109	26.0	22.7	34.1
65	49.1	40.5	60.7





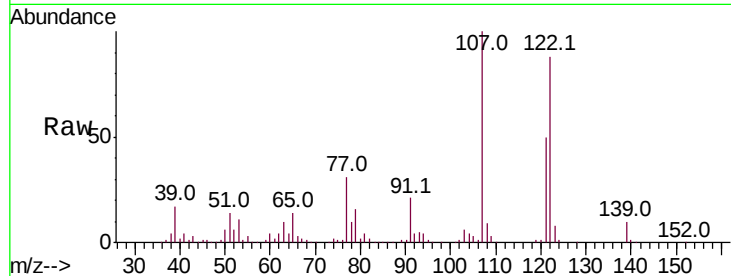
#27
2,4-Dimethylphenol
Concen: 37.811 ng
RT: 7.90 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.2	136.8
121	57.4	47.2	70.8

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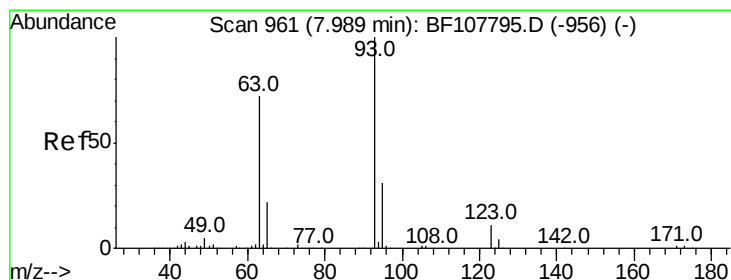
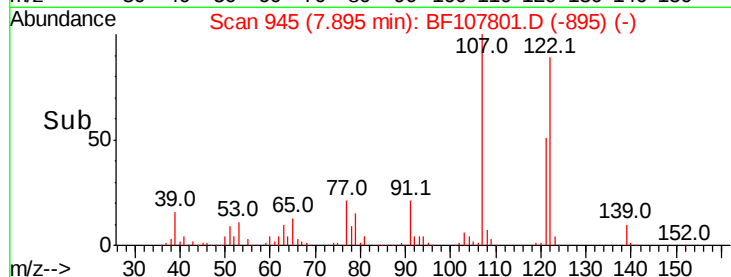
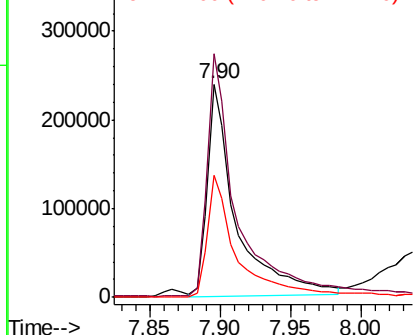


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.374 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

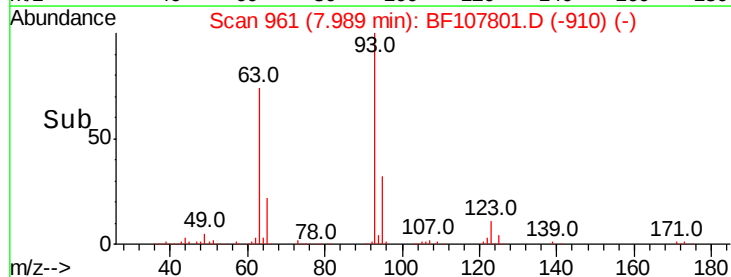
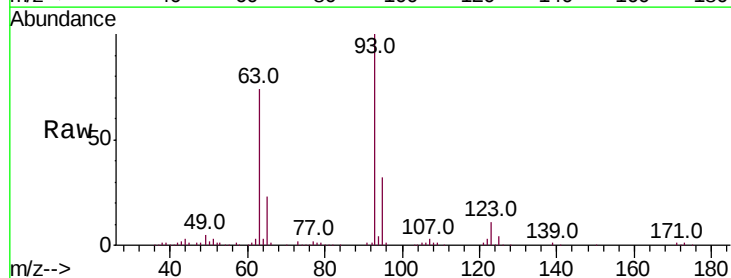
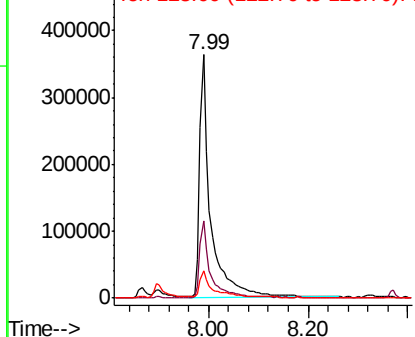
Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.3	39.5
123	11.2	9.8	14.6

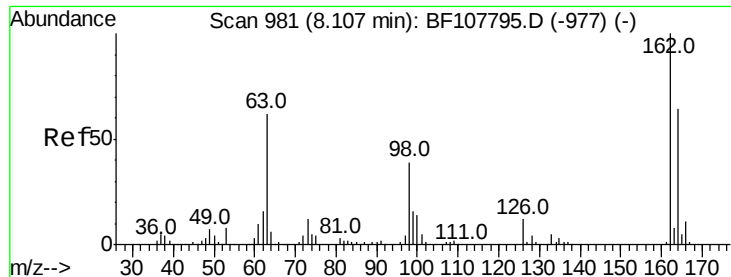
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





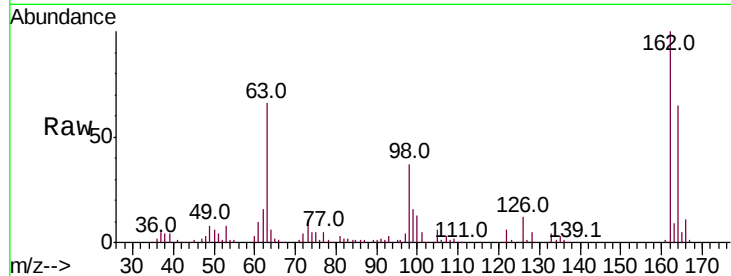
#29
2,4-Dichlorophenol
Concen: 39.453 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	404642		
164	64.6	42.7	82.7	
98	37.3	18.1	58.1	

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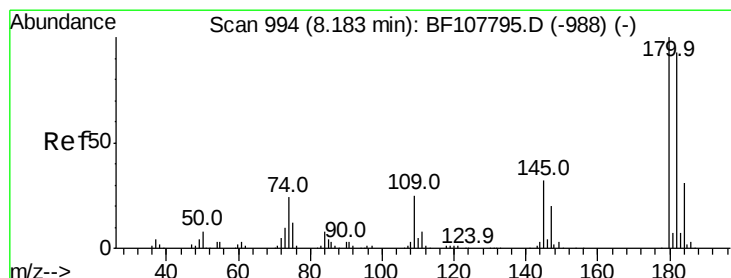
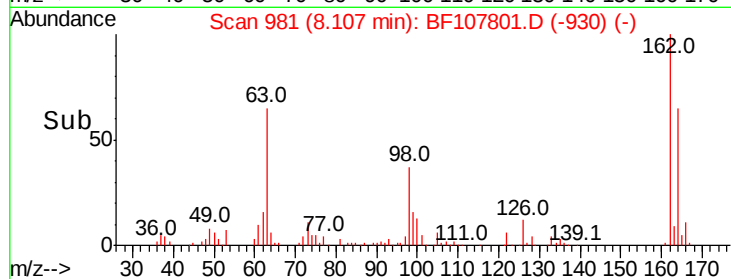
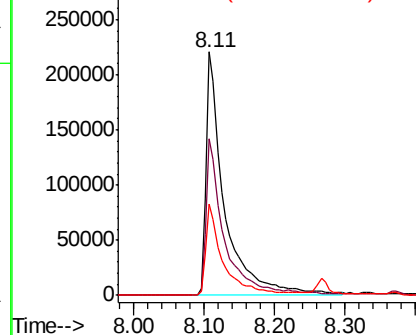


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.637 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

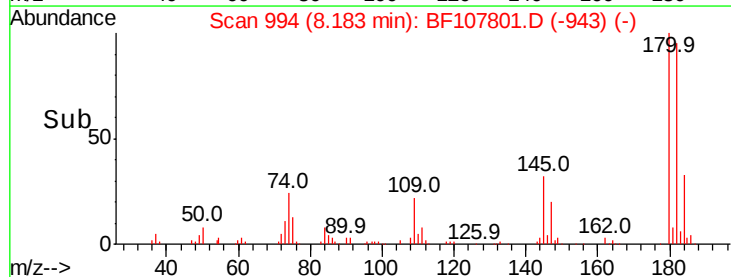
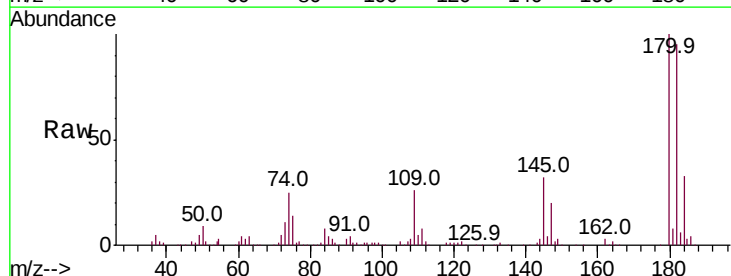
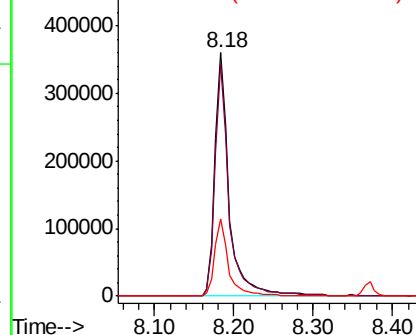
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	452079		
182	95.1	76.8	115.2	
145	31.5	26.5	39.7	

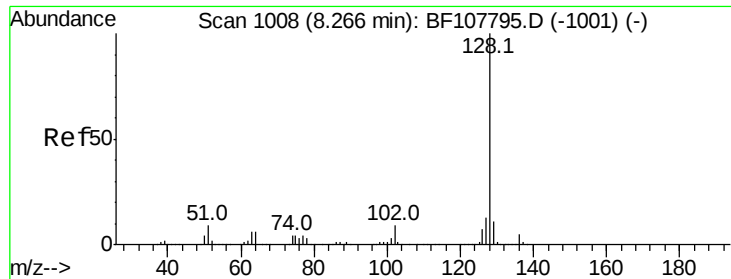
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





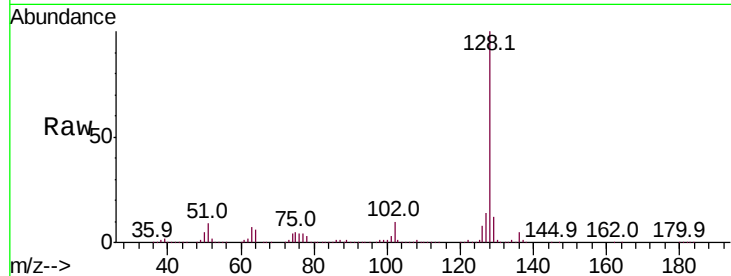
#31
Naphthalene
Concen: 39.228 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

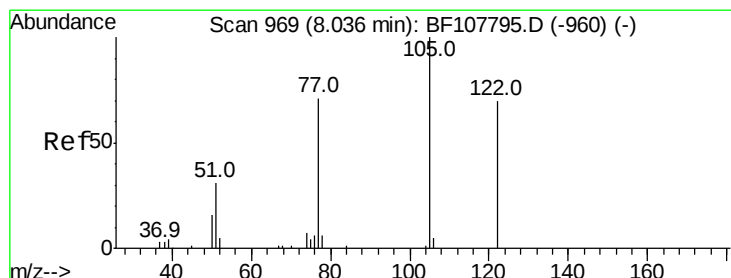
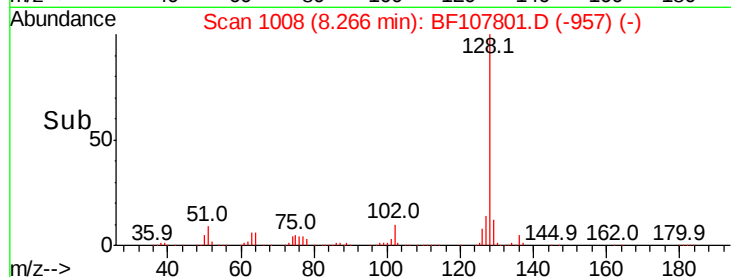
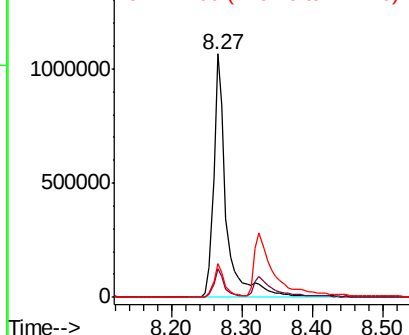
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.0	10.9	16.3

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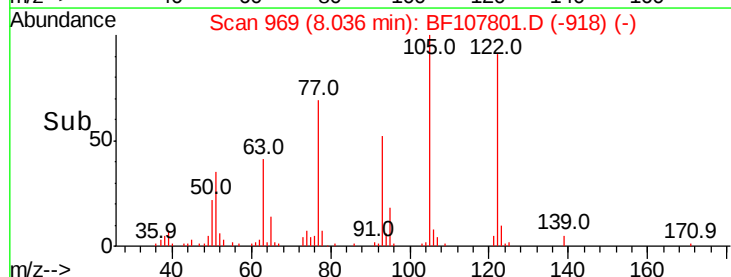
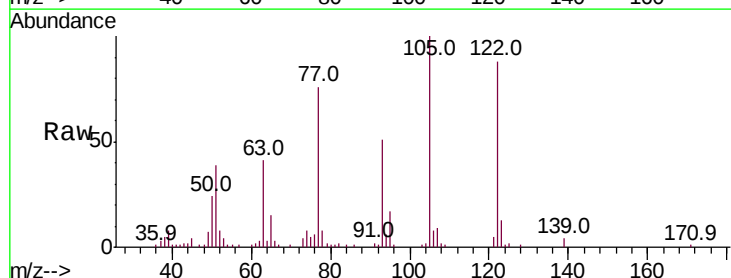
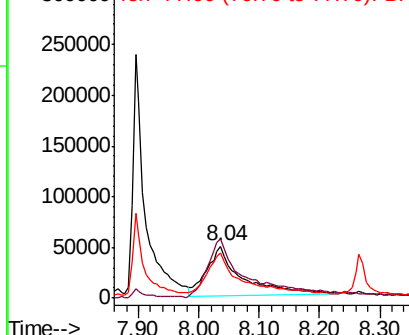
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

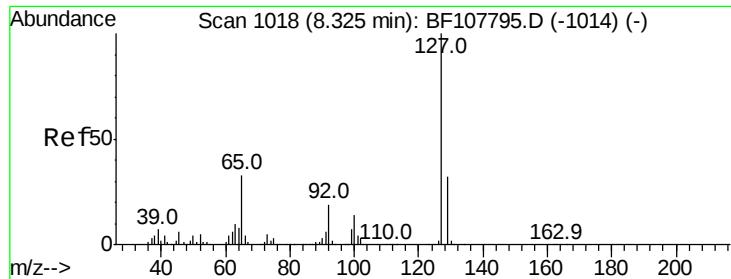


#32
Benzoic acid
Concen: 32.250 ng
RT: 8.04 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.7	101.1	141.1
77	86.1	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





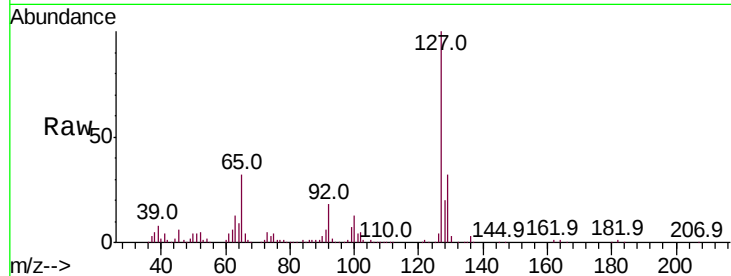
#33
4-Chloroaniline
Concen: 40.169 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	31.9	25.0	37.4
92	18.4	15.2	22.8

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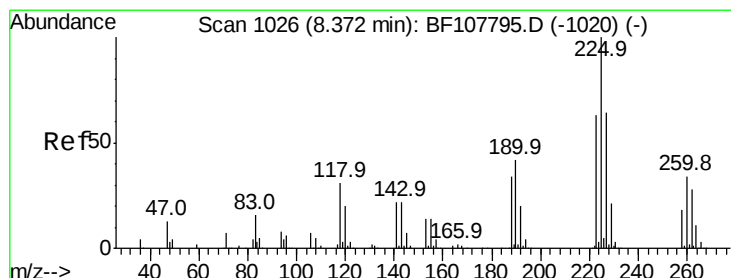
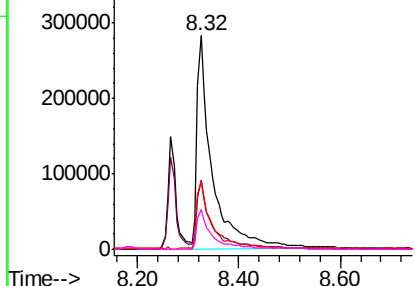
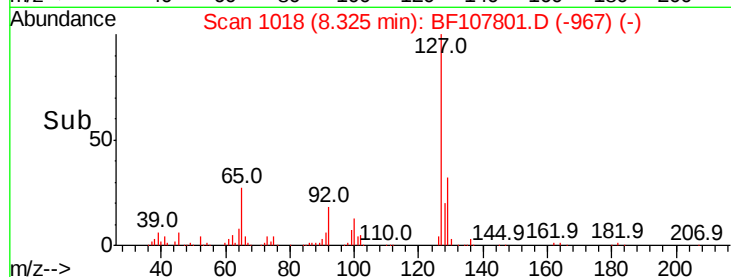
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

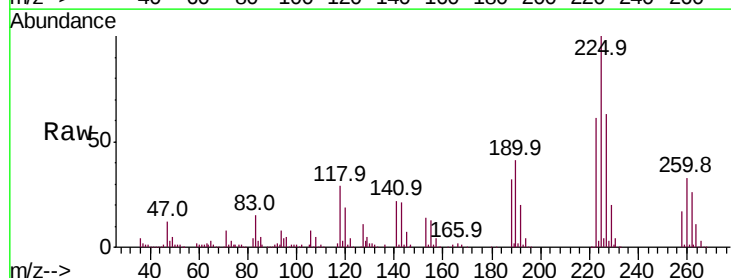
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.427 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.6	76.0
227	62.9	51.9	77.9

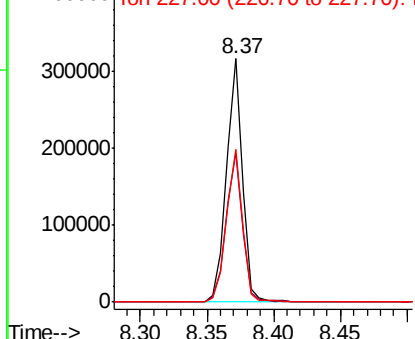
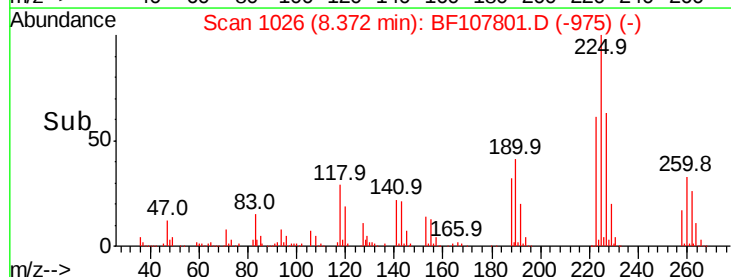


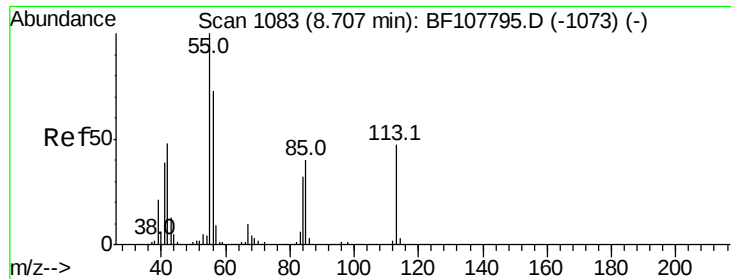
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





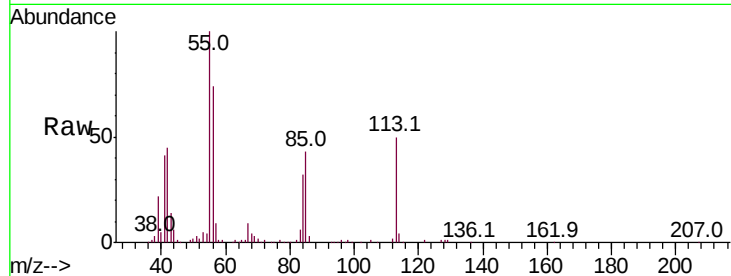
#35
 Caprolactam
 Concen: 39.075 ng
 RT: 8.71 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

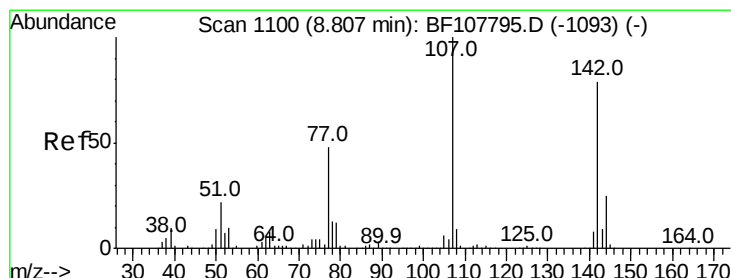
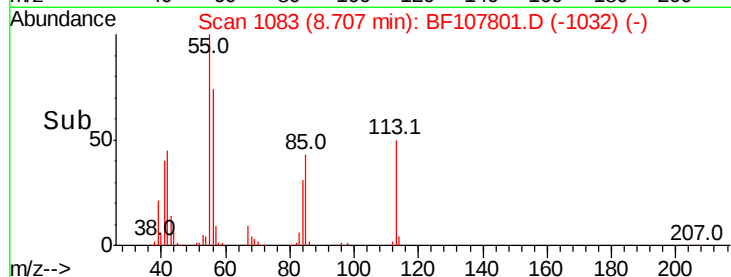
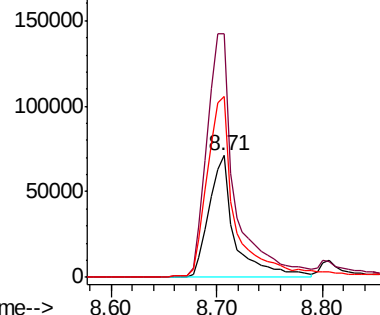
Tot Ion	Ratio	Lower	Upper
113	100		
55	199.5	163.3	203.3
56	147.9	115.7	155.7

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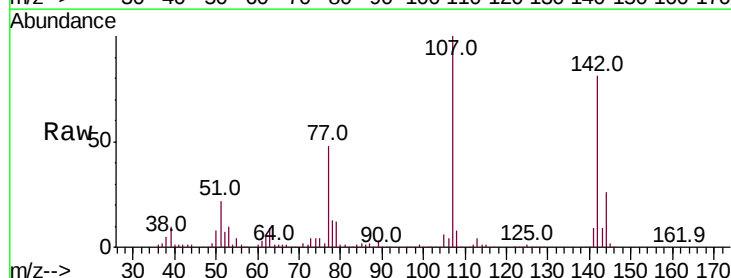


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

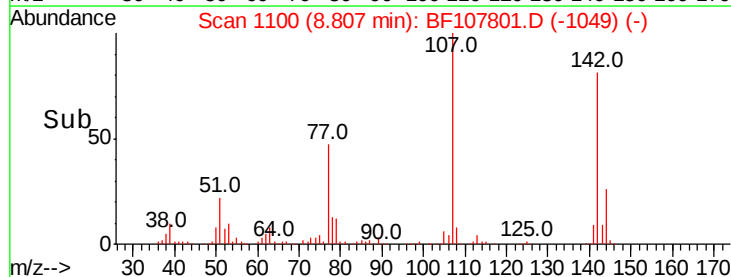
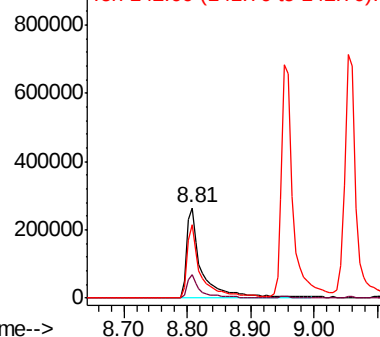


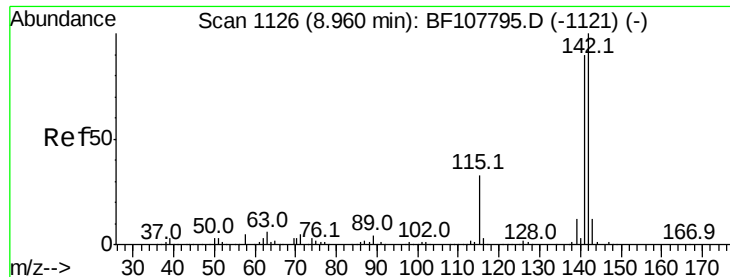
#36
 4-Chloro-3-methylphenol
 Concen: 40.029 ng
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	81.2	62.0	93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





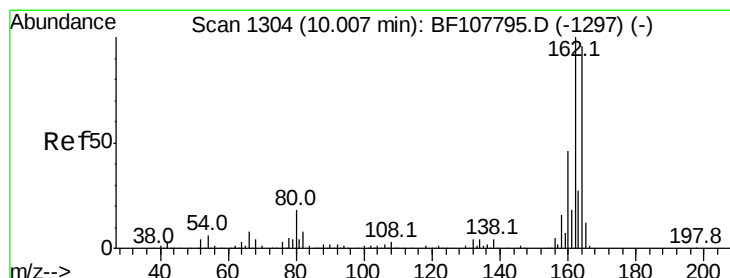
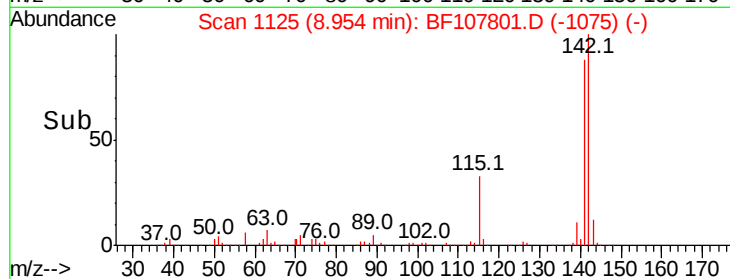
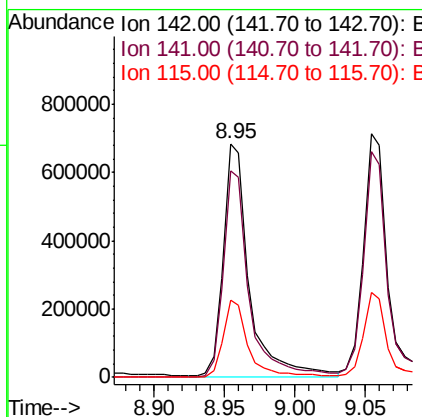
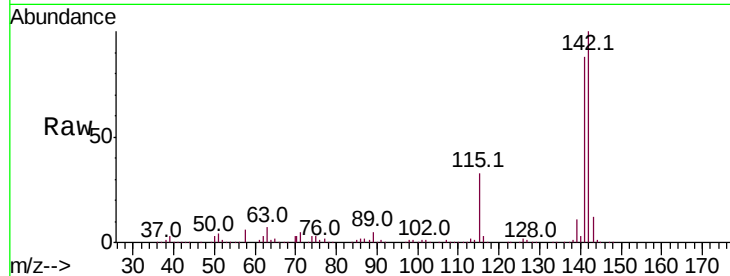
#37
2-Methylnaphthalene
Concen: 40.317 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.8	106.2
115	32.8	26.1	39.1

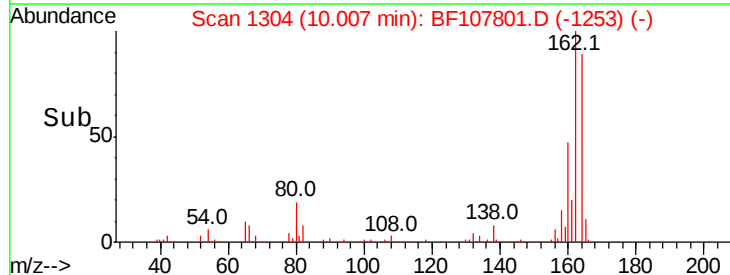
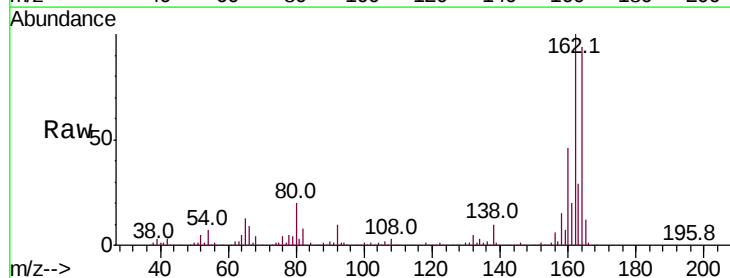
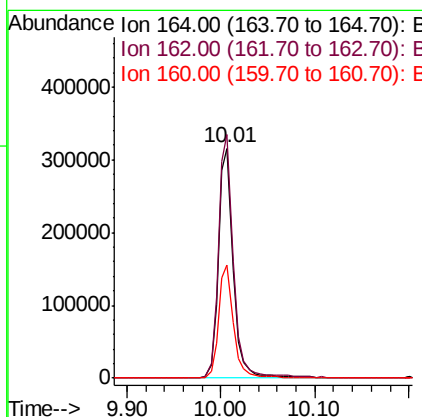
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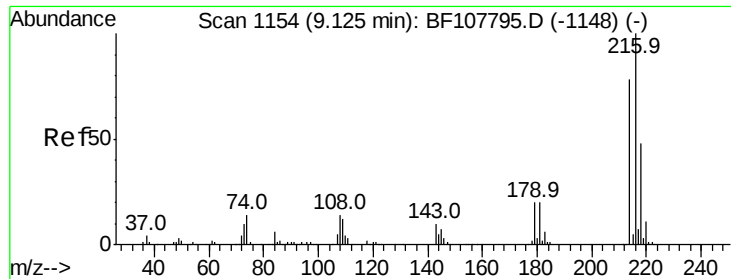
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	49.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.920 ng

RT: 9.12 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

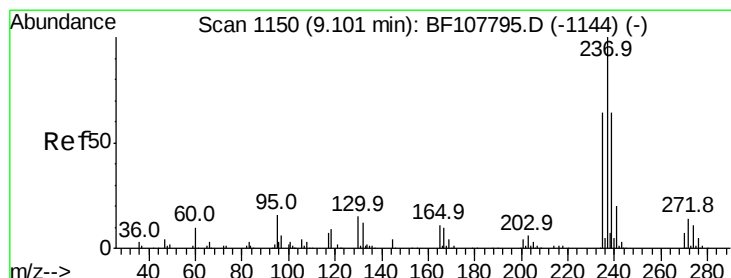
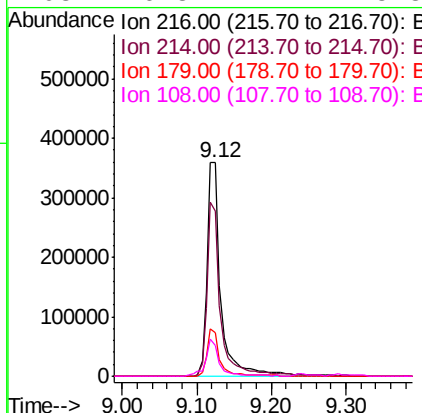
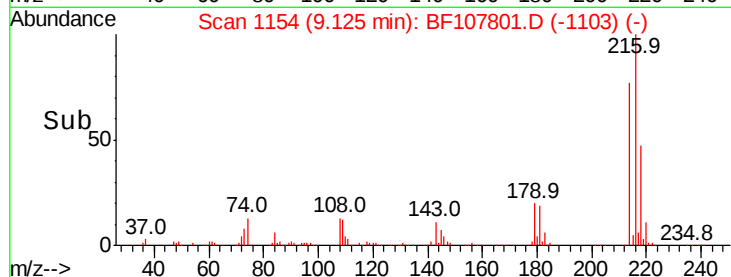
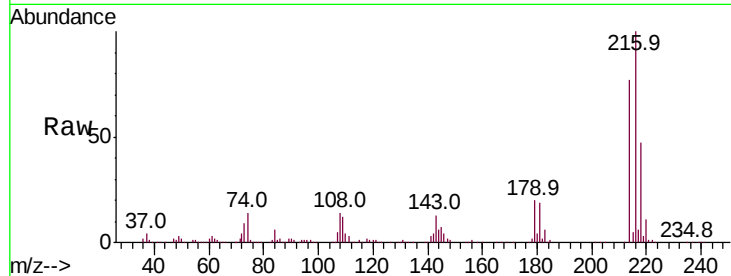
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	466363		
214	79.1	63.0	94.4	
179	21.2	18.1	27.1	
108	16.8	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 37.031 ng

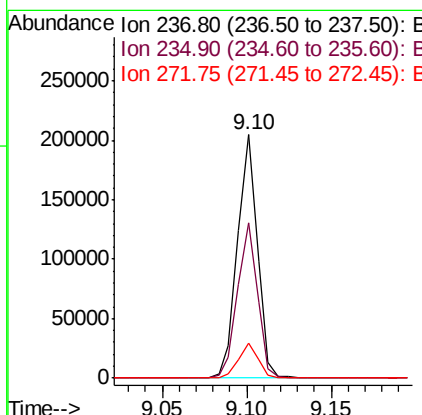
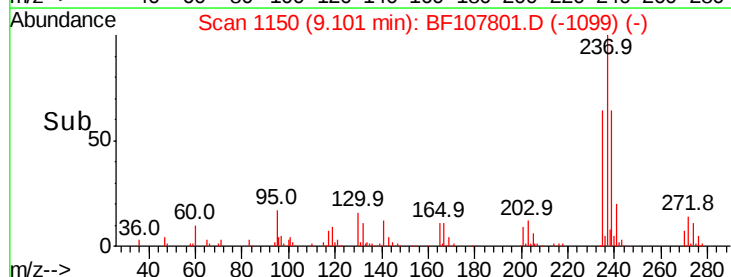
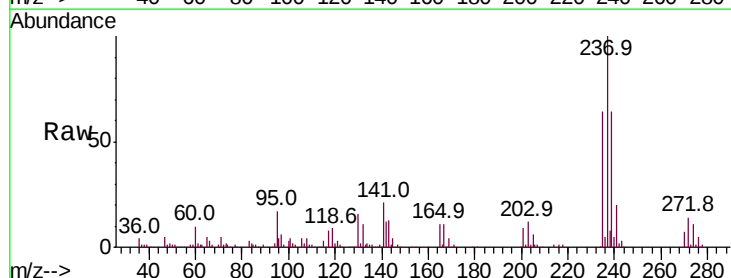
RT: 9.10 min Scan# 1150

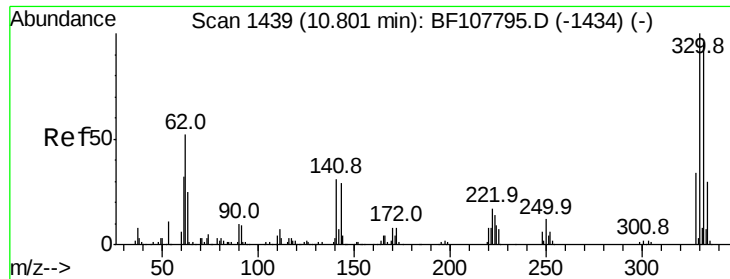
Delta R.T. 0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168369		
235	63.6	44.8	84.8	
272	14.4	0.0	33.3	





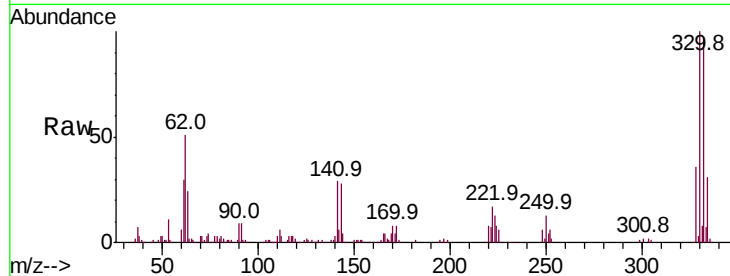
#41
 2,4,6-Tribromophenol
 Concen: 78.049 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	26.0	29.9	44.9	

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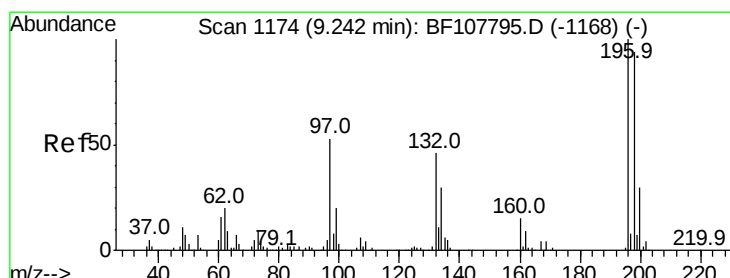
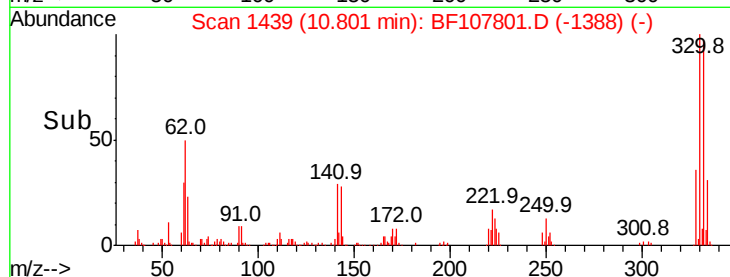
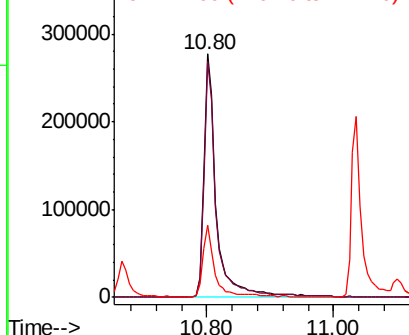


Abundance

Ion 329.80 (329.50 to 330.50): E

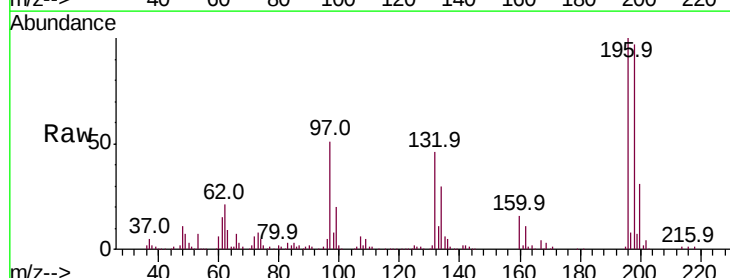
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.762 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.8	75.7	113.5	
200	30.7	24.5	36.7	

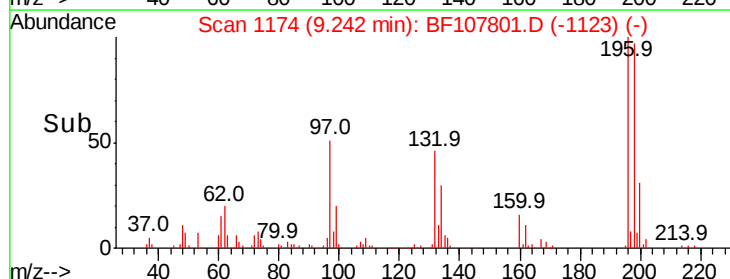
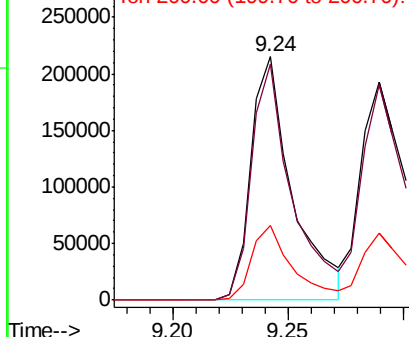


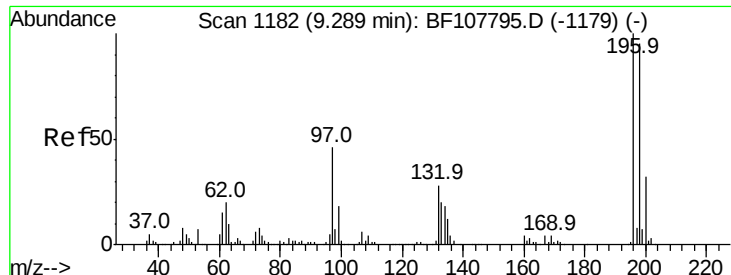
Abundance

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





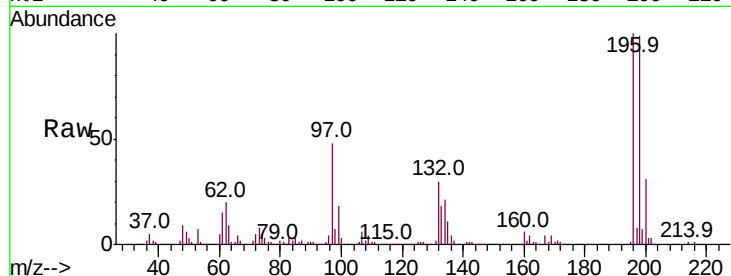
#43
2,4,5-Trichlorophenol
Concen: 40.235 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.5	74.6	112.0	
97	47.7	42.9	64.3	
132	30.0	26.3	39.5	

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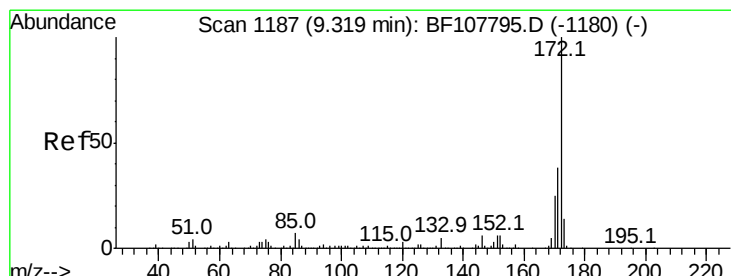
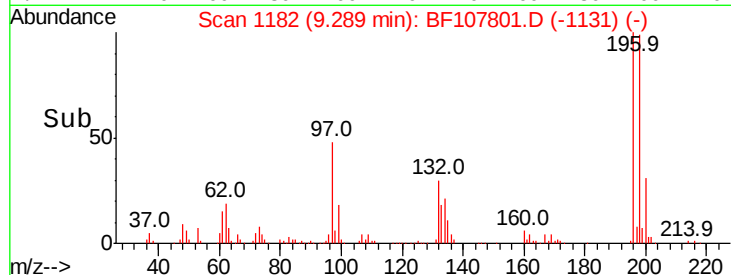
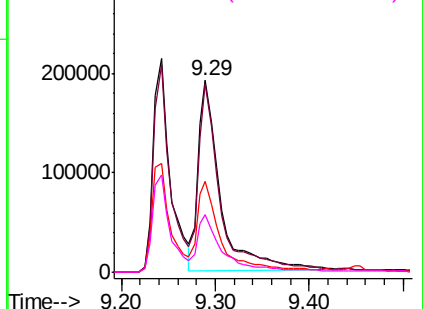
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 77.154 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

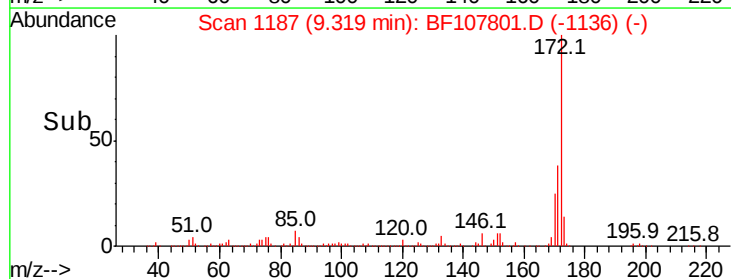
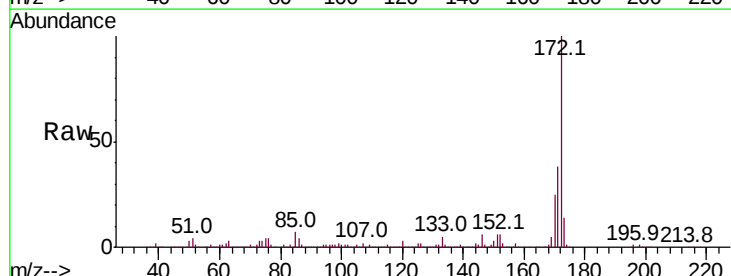
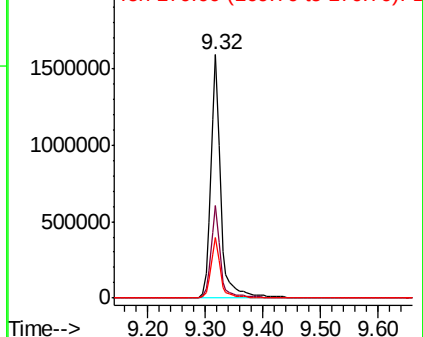
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.8	29.7	44.5	
170	25.0	19.6	29.4	

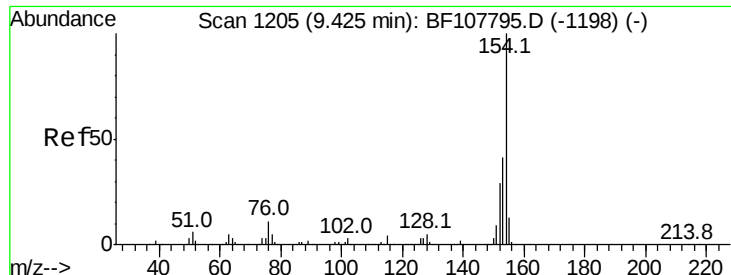
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





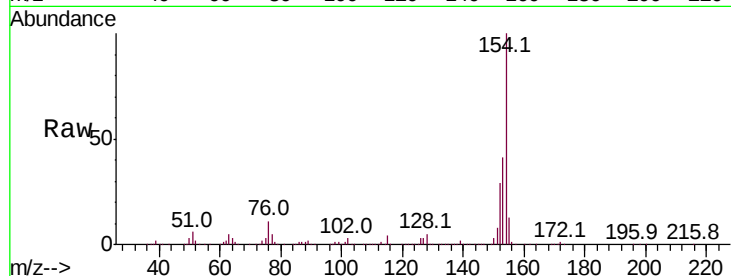
#45
 1,1'-Biphenyl
 Concen: 38.736 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleID :
 SSTCCCC040

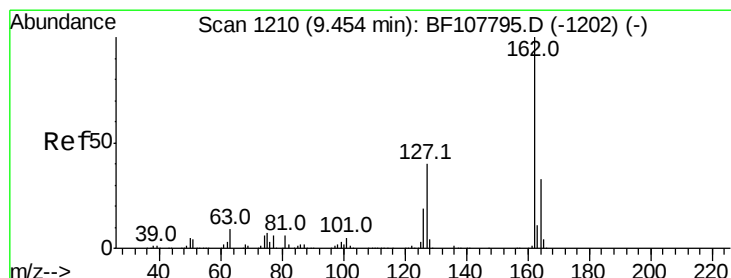
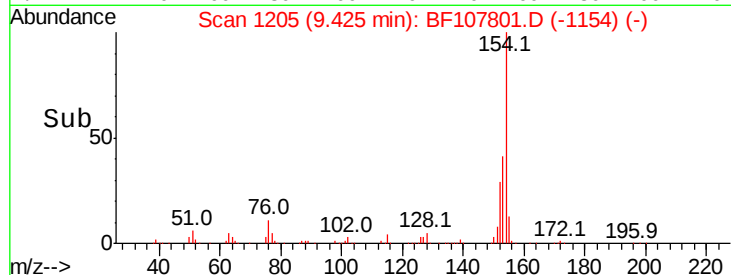
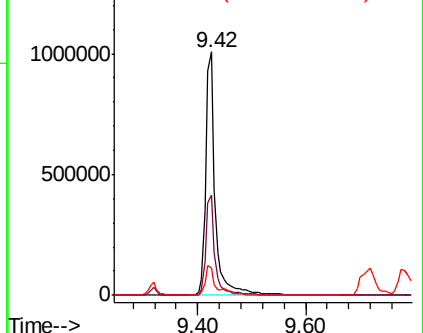
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	11.2	0.0	34.0

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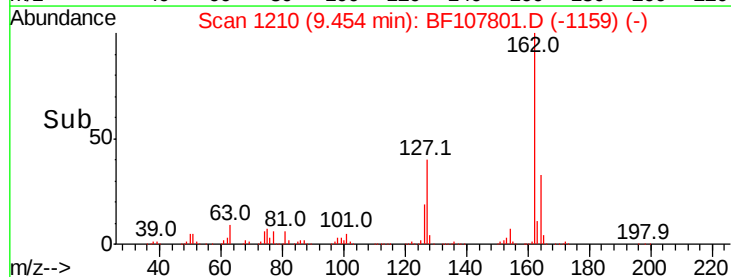
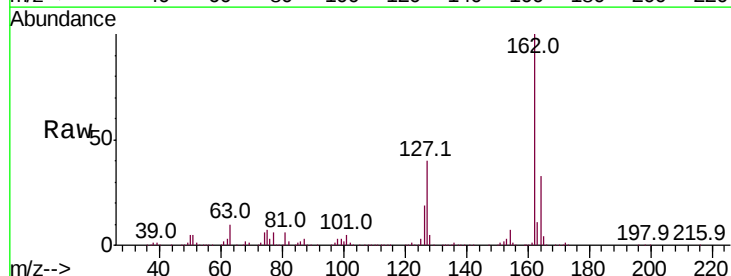
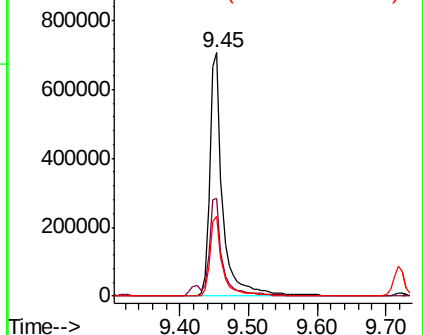
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

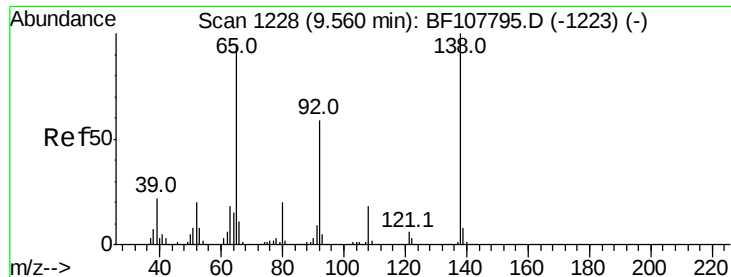


#46
 2-Chloronaphthalene
 Concen: 38.703 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	32.9	26.5	39.7

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





#47

2-Nitroaniline

Concen: 39.213 ng

RT: 9.56 min Scan# 1228

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

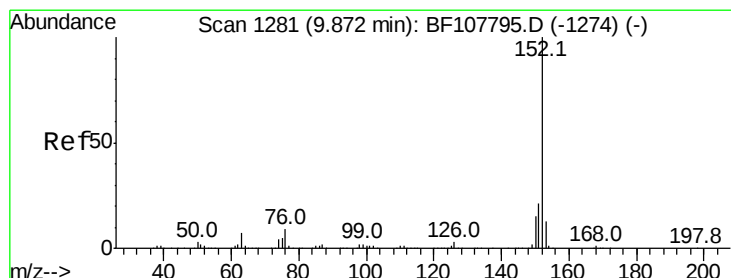
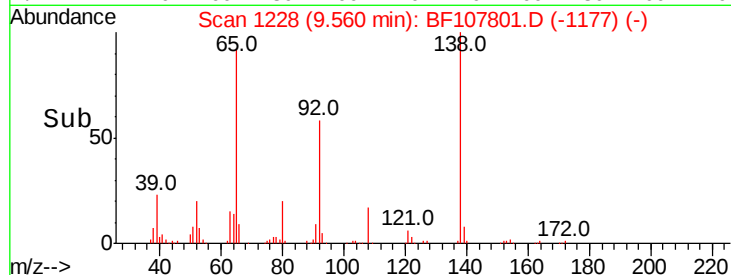
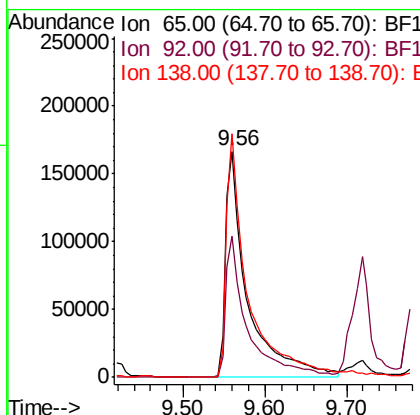
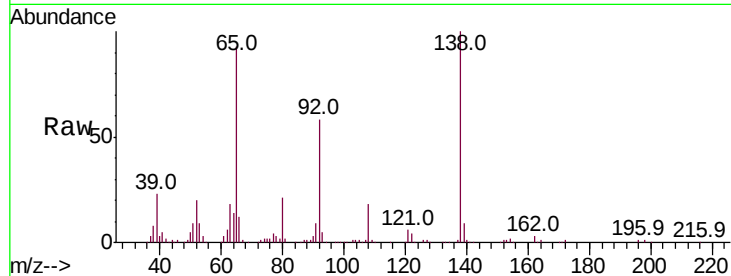
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	307631
Ion Ratio	Lower	Upper	
65	100		
92	62.7	55.8	83.6
138	107.8	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 37.237 ng

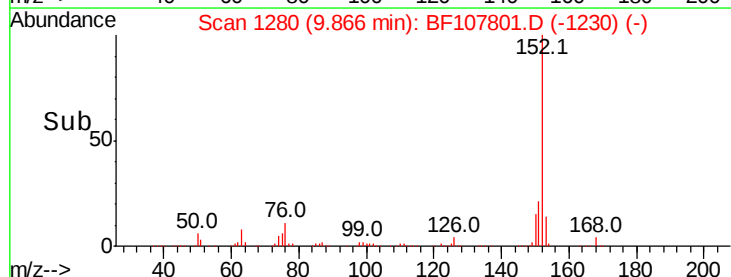
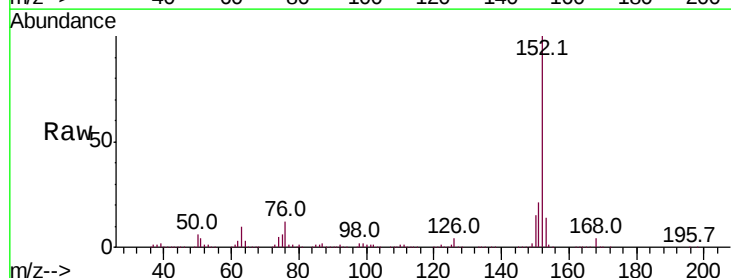
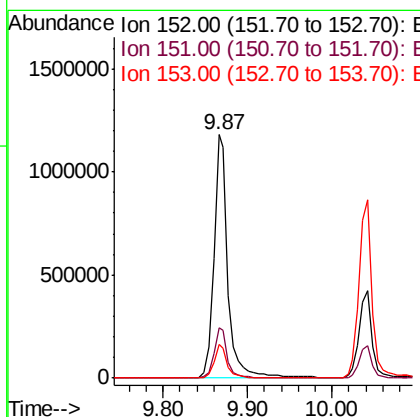
RT: 9.87 min Scan# 1280

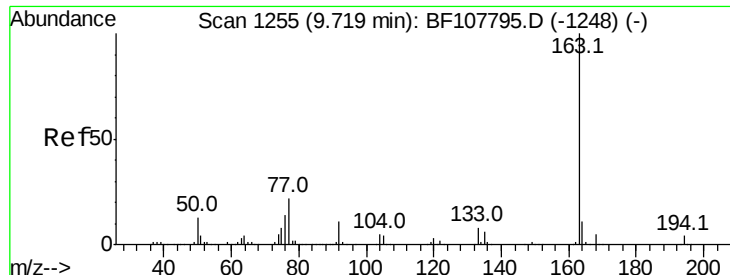
Delta R.T. -0.01 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Tgt Ion:	152	Resp:	1392337
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	13.8	10.7	16.1





#49

Dimethylphthalate

Concen: 39.012 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:163 Resp: 1029666

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

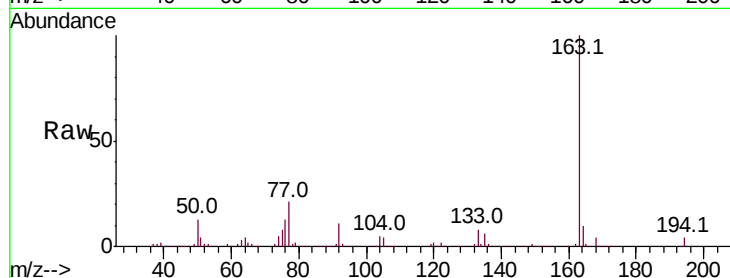
164 10.1 8.2 12.2

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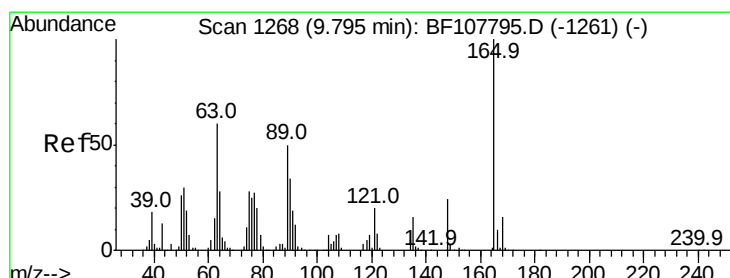
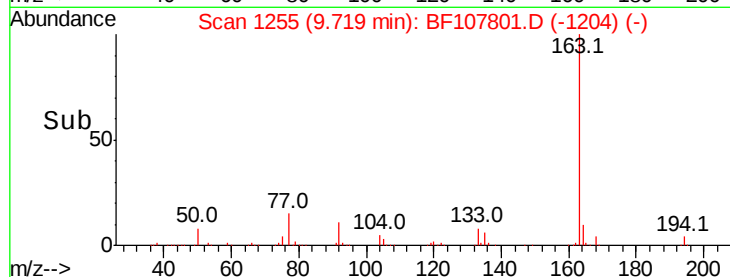
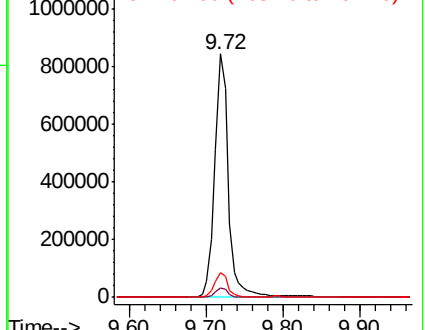
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.632 ng

RT: 9.80 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

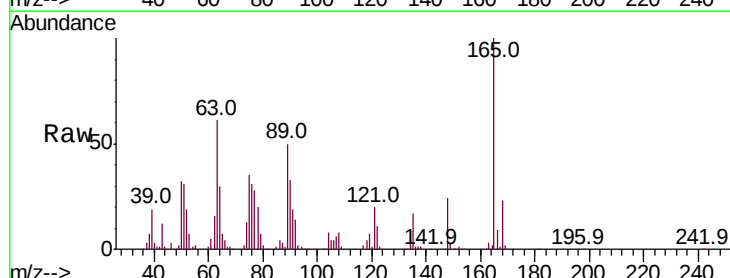
Tgt Ion:165 Resp: 227322

Ion Ratio Lower Upper

165 100

63 60.9 44.7 67.1

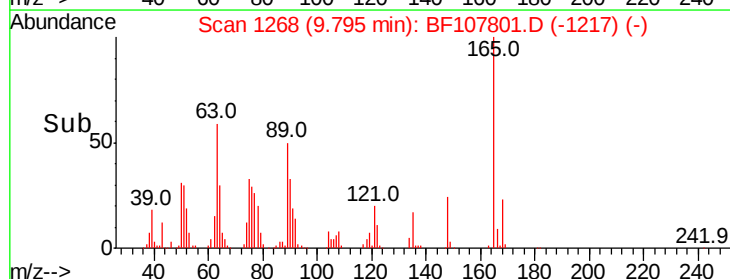
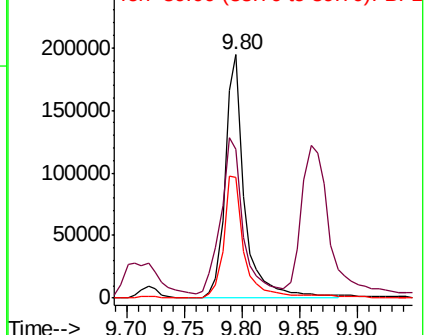
89 49.8 44.0 66.0

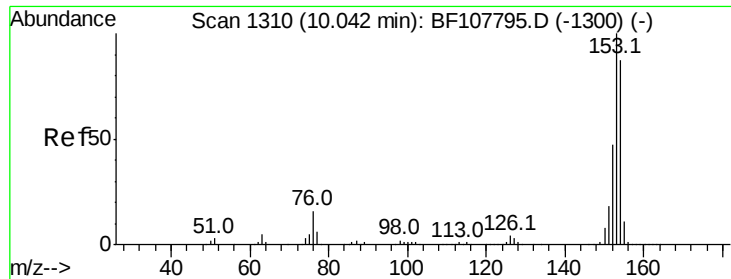


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.532 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

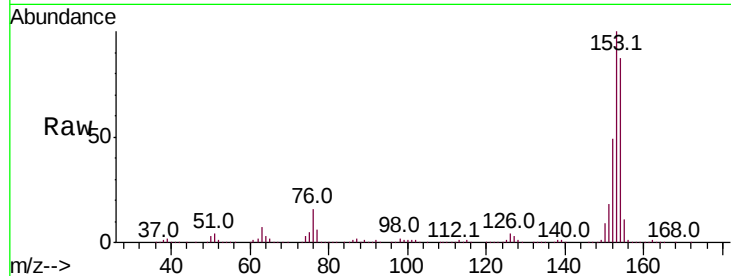
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	793503
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	55.8	43.8	65.8

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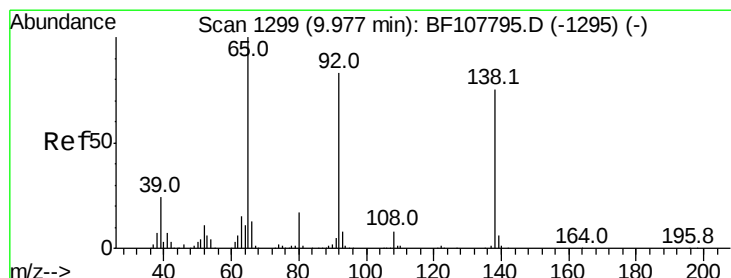
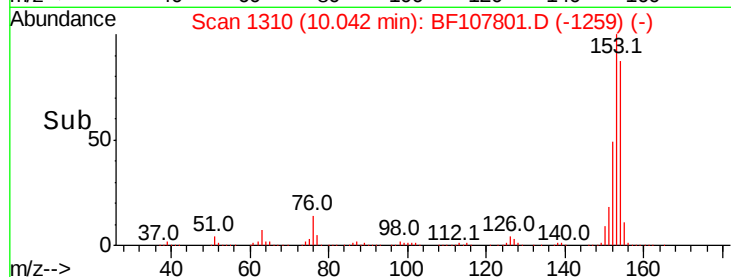
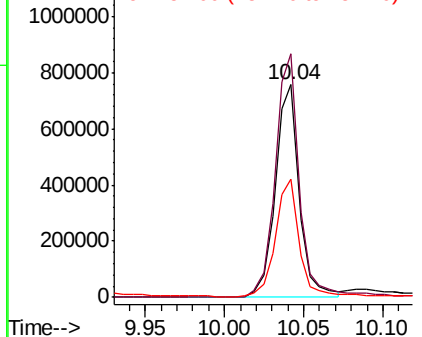


Abundance

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: 38.538 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

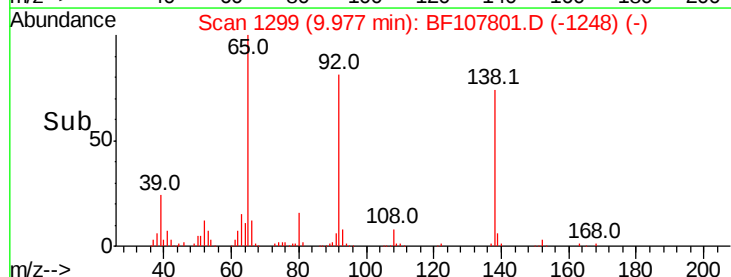
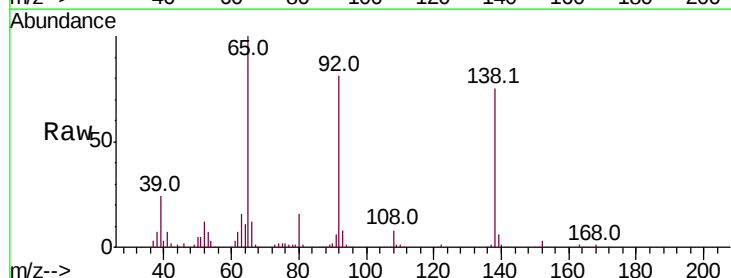
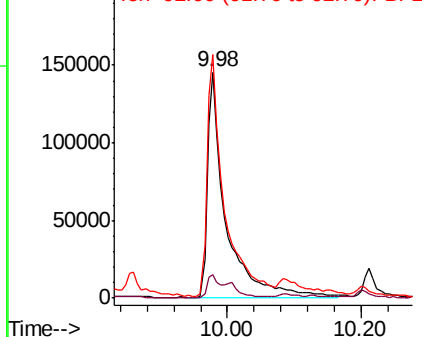
Tgt Ion:	138	Resp:	278545
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	107.6	89.4	134.2

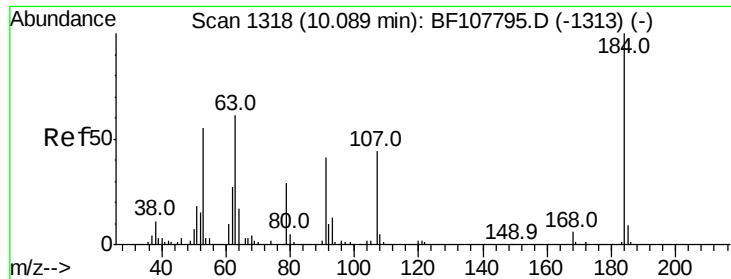
Abundance

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





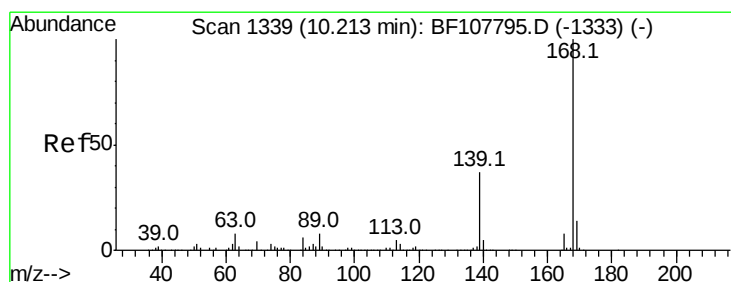
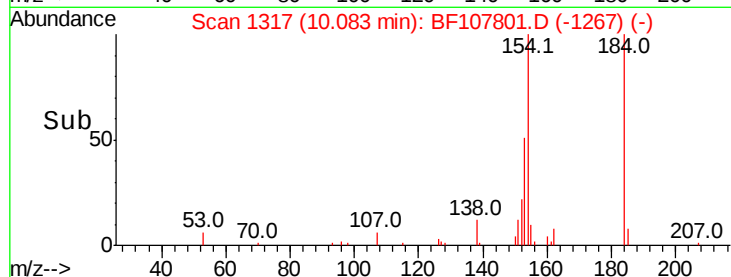
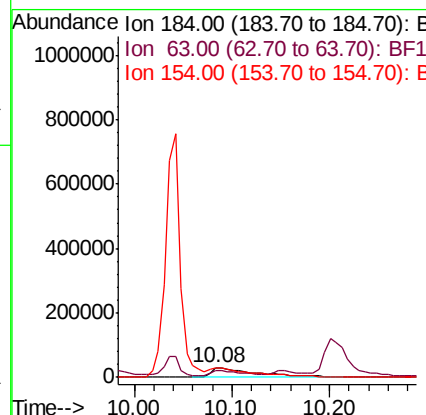
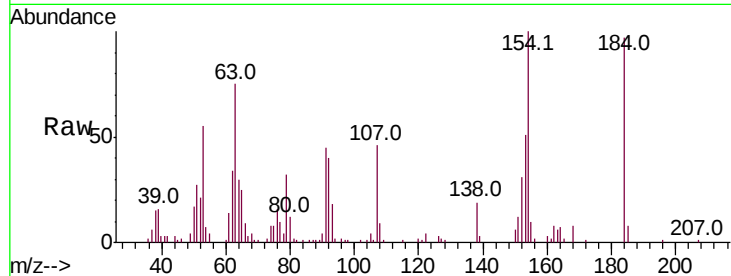
#53
2,4-Dinitrophenol
Concen: 37.124 ng
RT: 10.08 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	77.4	54.2	81.2
154	102.6	184.0	276.0#

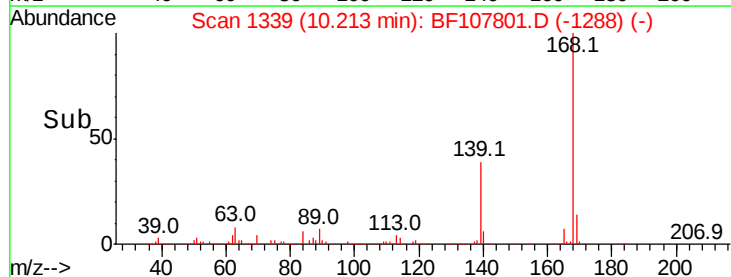
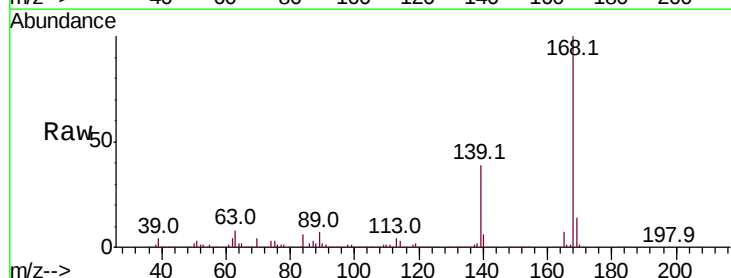
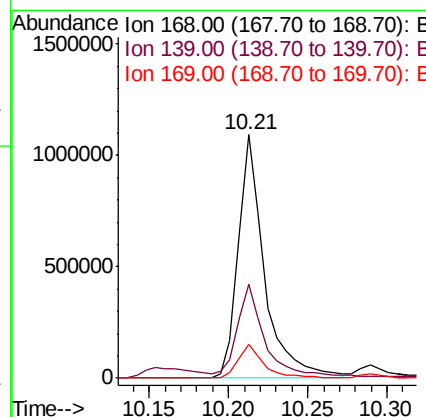
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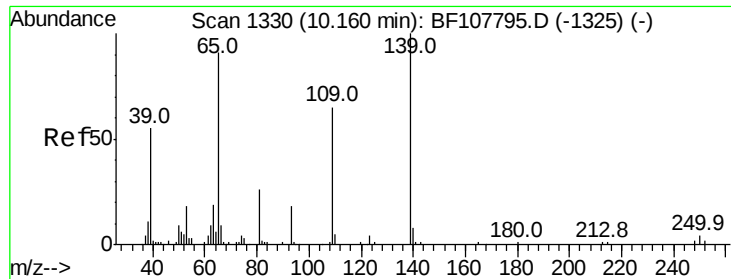
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#54
Dibenzofuran
Concen: 37.578 ng
RT: 10.21 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	13.8	10.9	16.3





#55

4-Nitrophenol

Concen: 36.203 ng

RT: 10.15 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

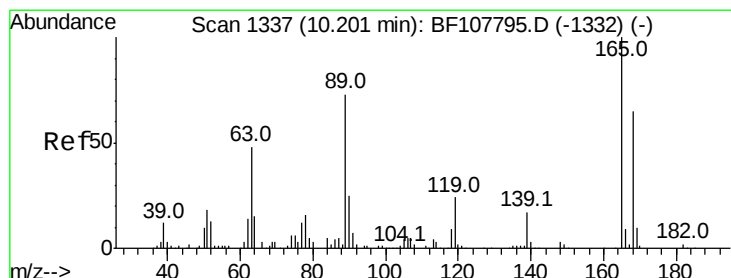
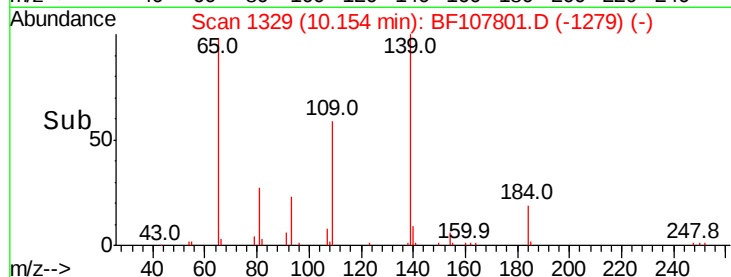
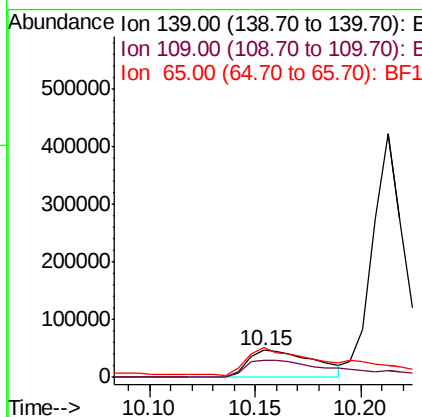
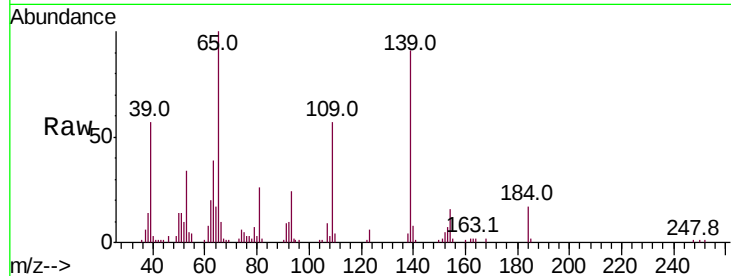
ClientSampleId :

SSTDCCC040

Tot Ion:	139	Resp:	103525
Ion Ratio	Lower	Upper	
139	100		
109	62.5	48.4	88.4
65	109.3	72.6	112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 37.663 ng

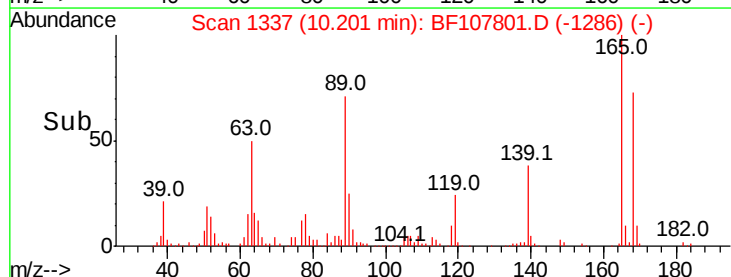
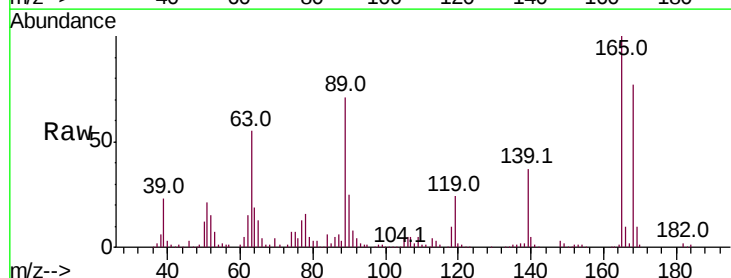
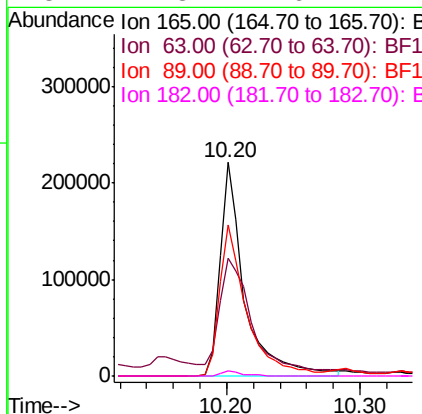
RT: 10.20 min Scan# 1337

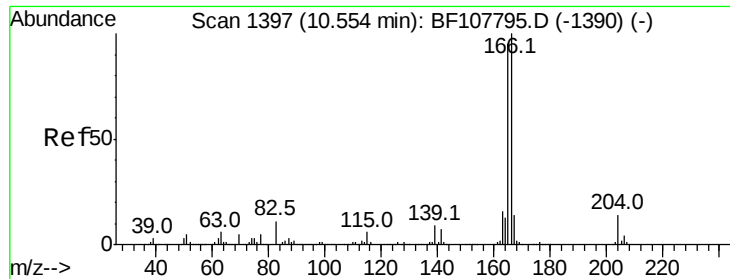
Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Tgt Ion:	165	Resp:	283937
Ion Ratio	Lower	Upper	
165	100		
63	54.9	36.4	54.6#
89	70.6	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 37.369 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 974989

Ion Ratio Lower Upper

166 100

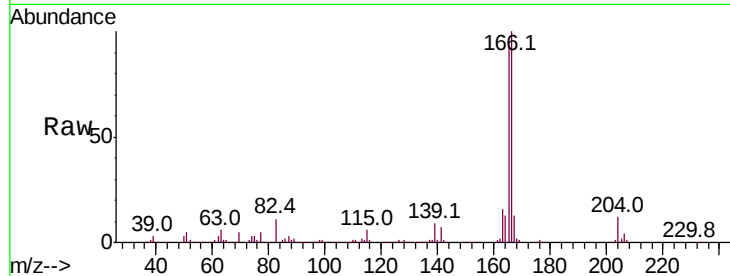
165 92.8 79.8 119.8

167 13.5 10.6 16.0

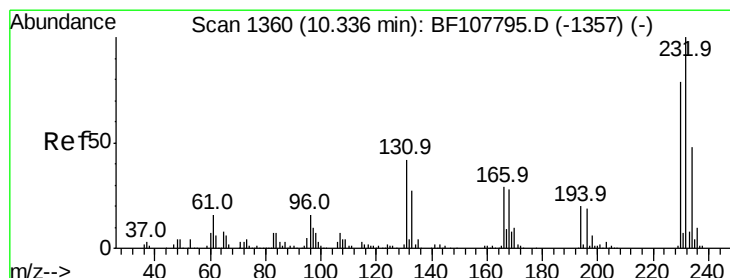
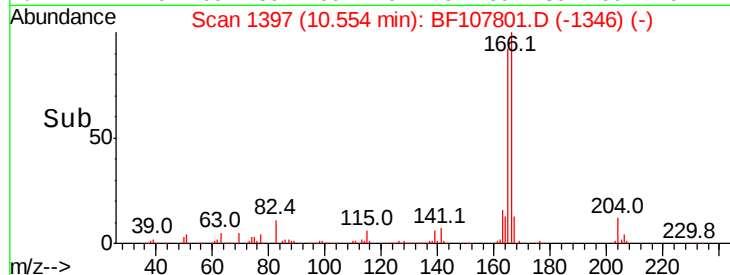
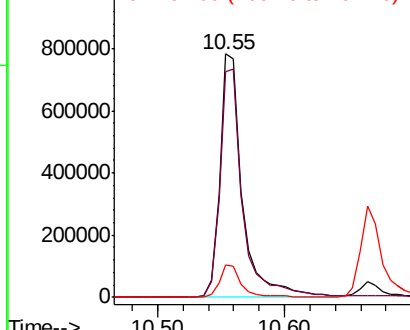
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.625 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Tgt Ion:232 Resp: 282921

Ion Ratio Lower Upper

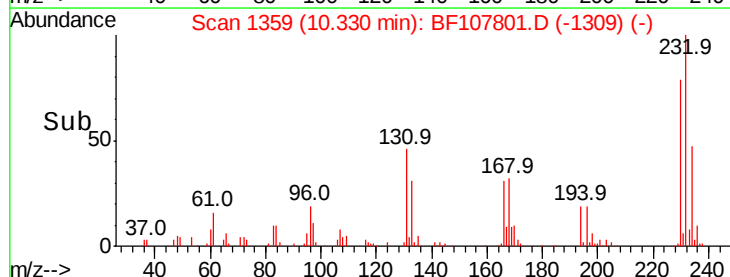
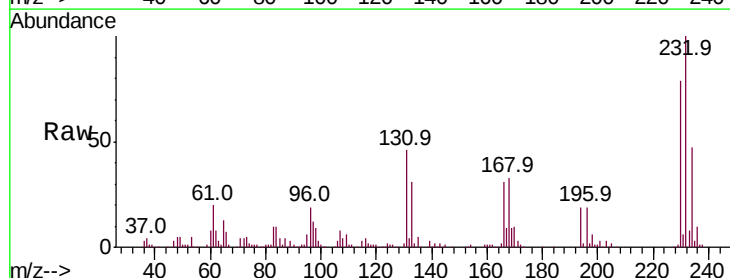
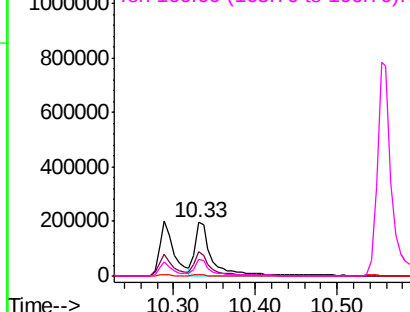
232 100

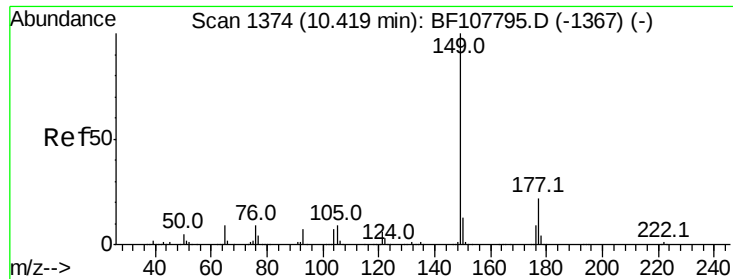
131 39.0 43.8 65.8#

130 2.1 2.1 3.1

166 26.4 27.8 41.6#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





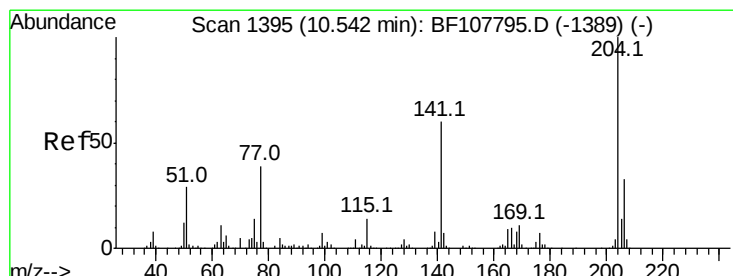
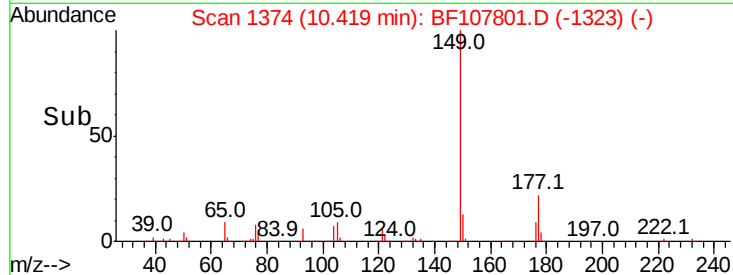
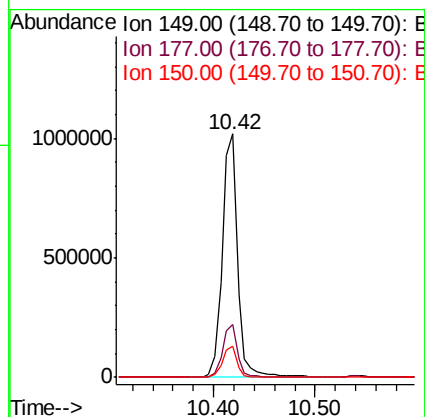
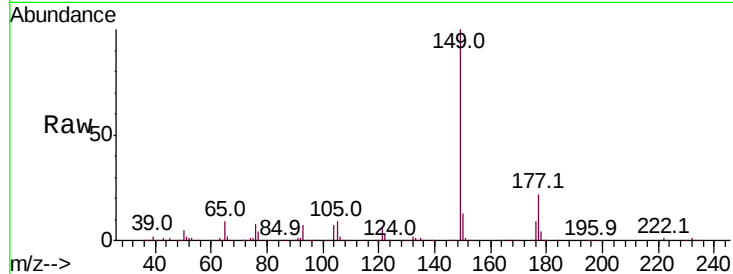
#59
Diethylphthalate
Concen: 37.739 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.6	10.1	15.1

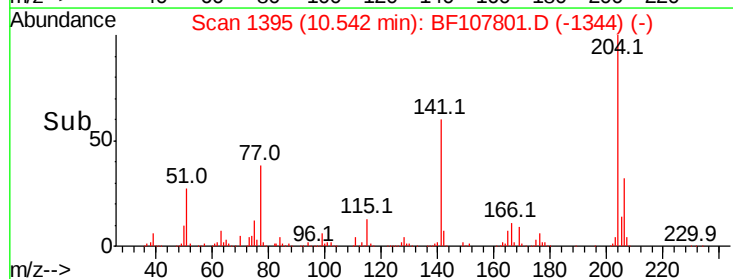
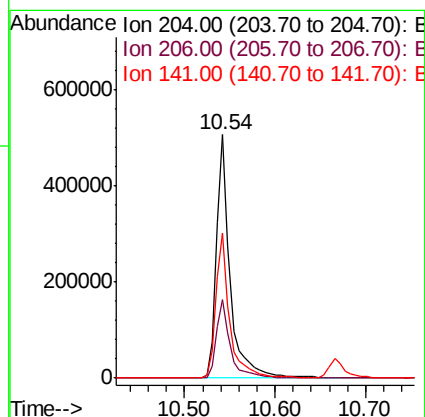
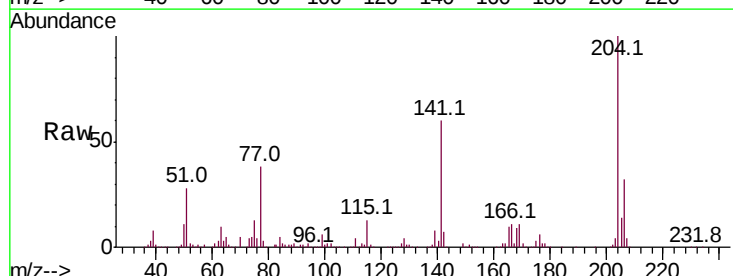
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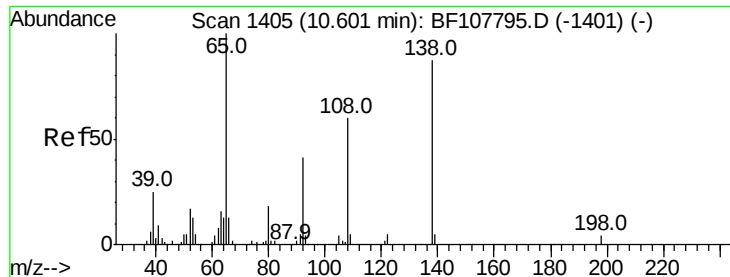
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#60
4-Chlorophenyl-phenylether
Concen: 37.693 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	59.8	54.6	81.8





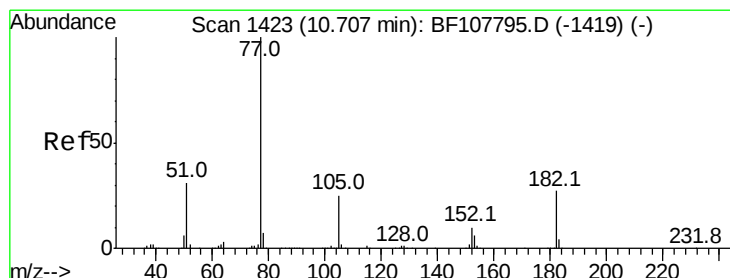
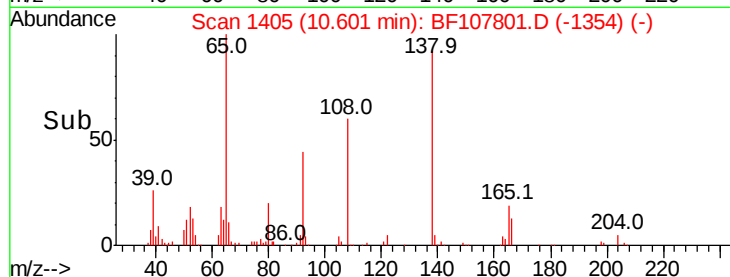
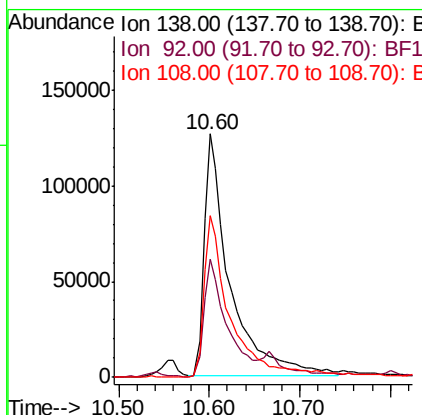
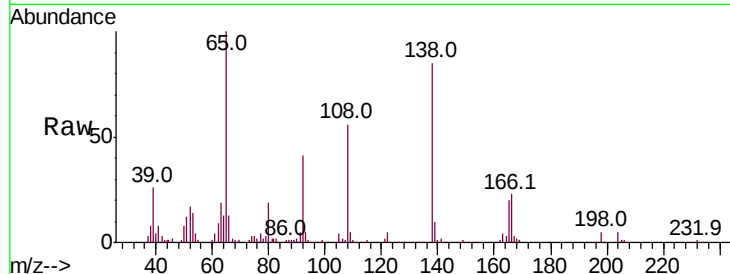
#61
4-Nitroaniline
Concen: 39.022 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	250296		
92	48.5	30.2	70.2	
108	66.2	52.5	92.5	

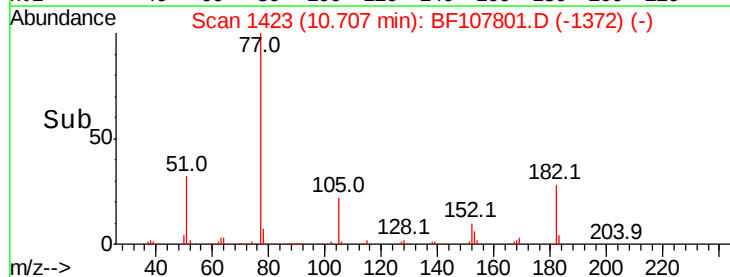
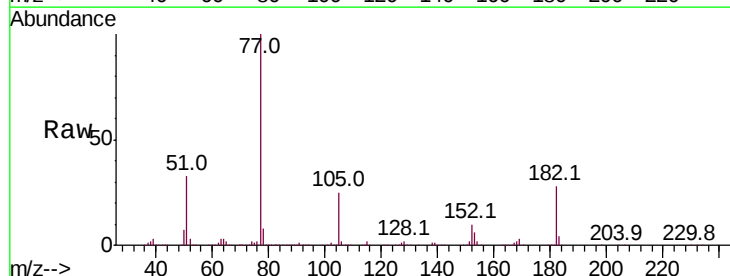
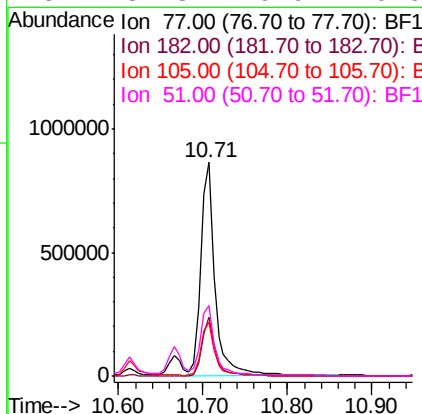
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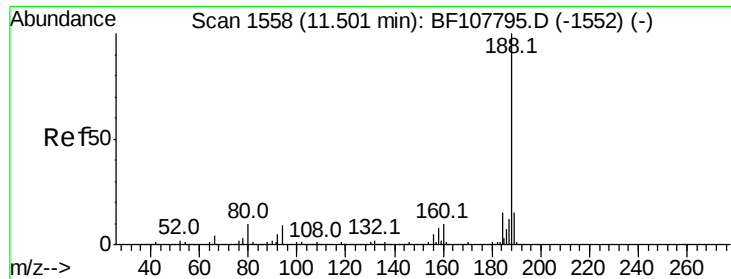
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#62
Azobenzene
Concen: 37.407 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	988638		
182	27.9	1.7	41.7	
105	25.5	3.0	43.0	
51	32.8	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

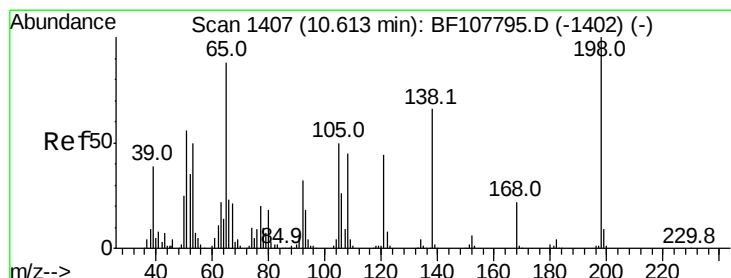
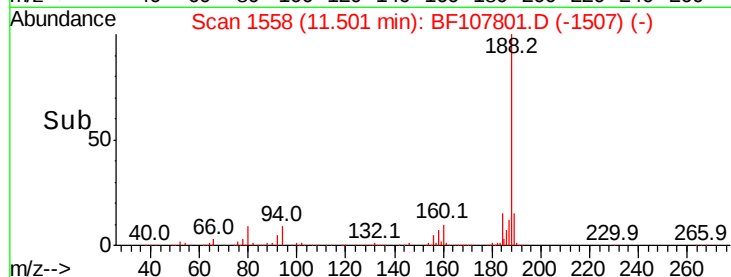
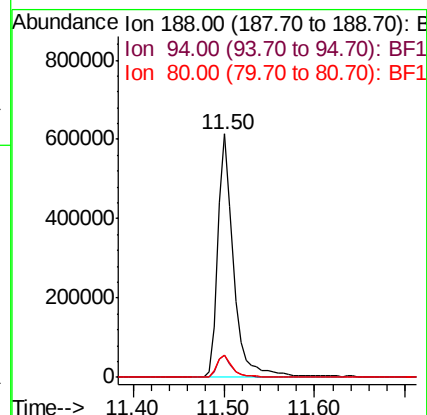
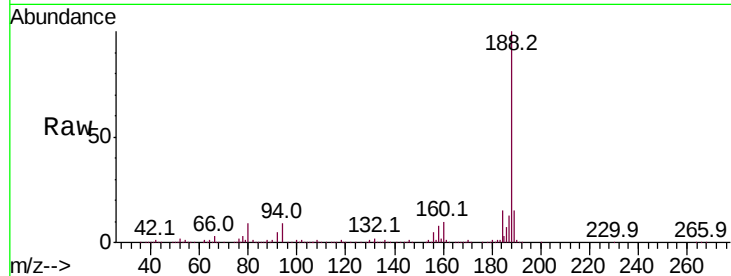
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	750156
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	9.3	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.462 ng

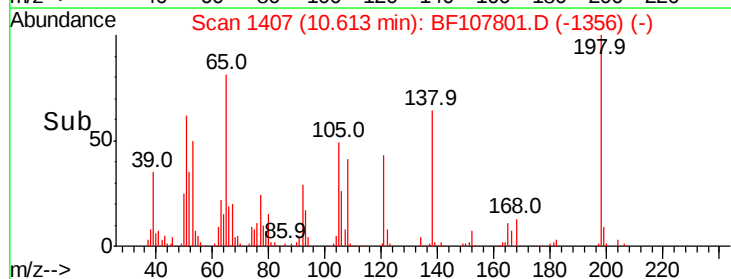
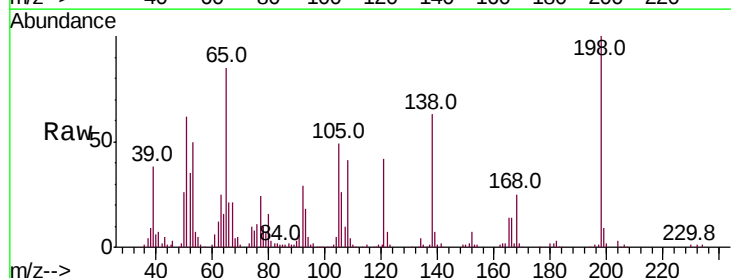
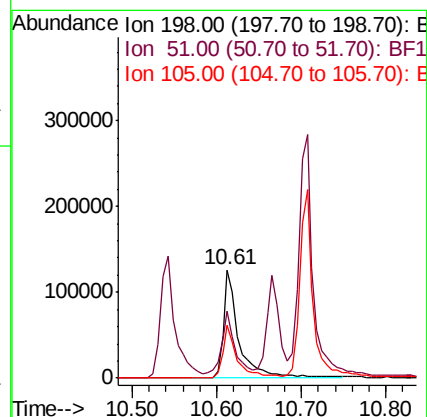
RT: 10.61 min Scan# 1407

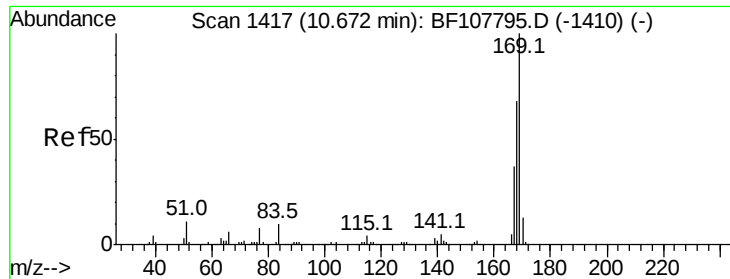
Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Tgt Ion:	198	Resp:	165127
Ion Ratio	Lower	Upper	
198	100		
51	61.8	37.7	77.7
105	48.5	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 37.399 ng

RT: 10.67 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 923778

Ion Ratio Lower Upper

169 100

168 68.1 54.4 81.6

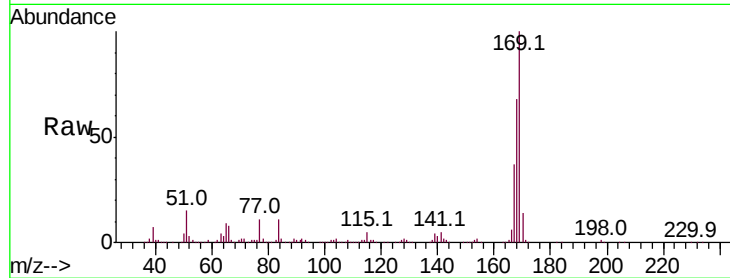
167 37.2 29.8 44.6

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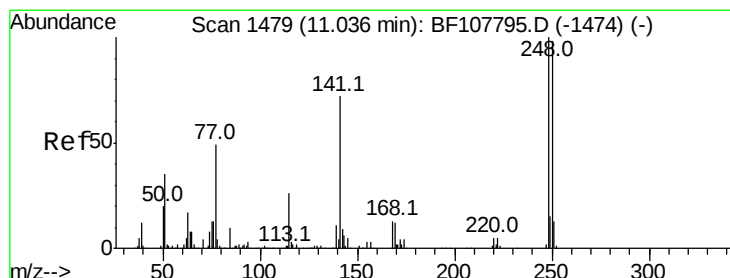
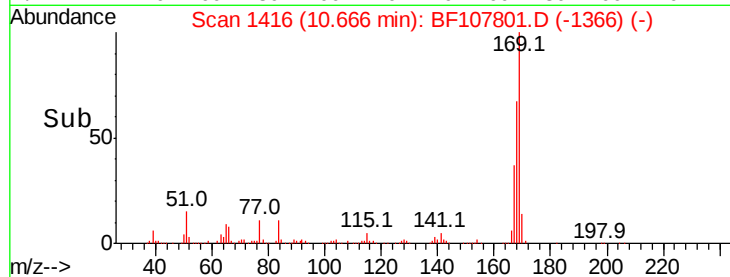
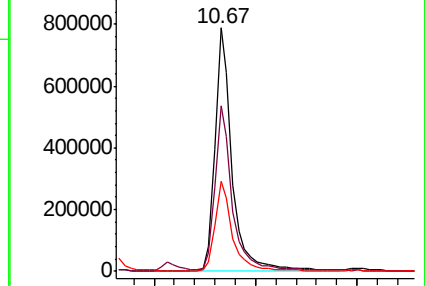
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.095 ng

RT: 11.04 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

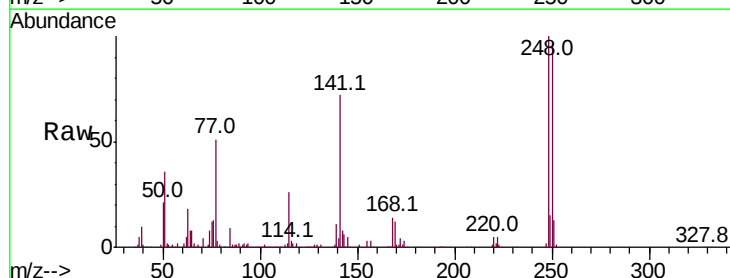
Tgt Ion:248 Resp: 315592

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

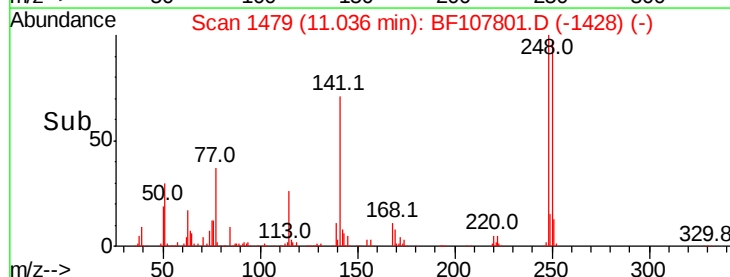
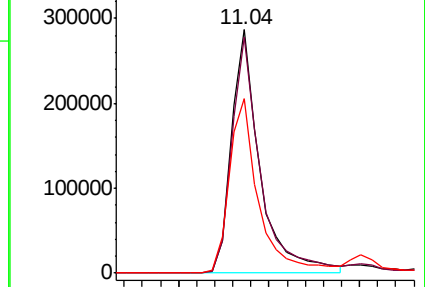
141 71.8 74.4 111.6#

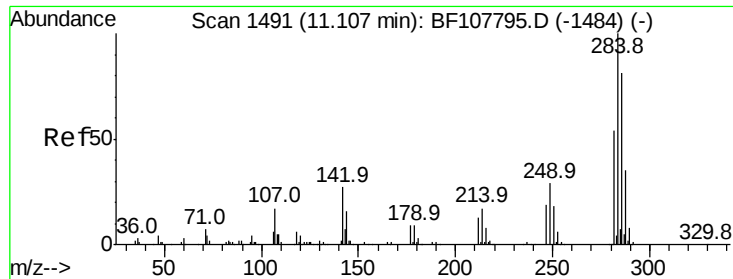


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





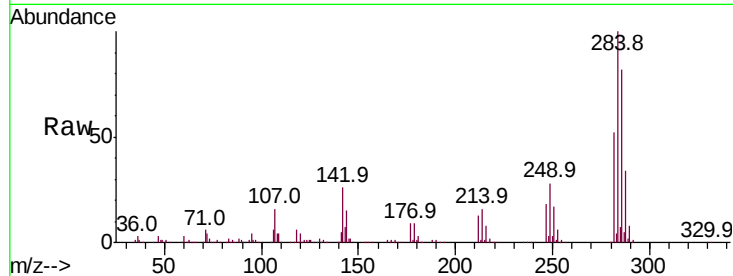
#67
Hexachlorobenzene
Concen: 37.526 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

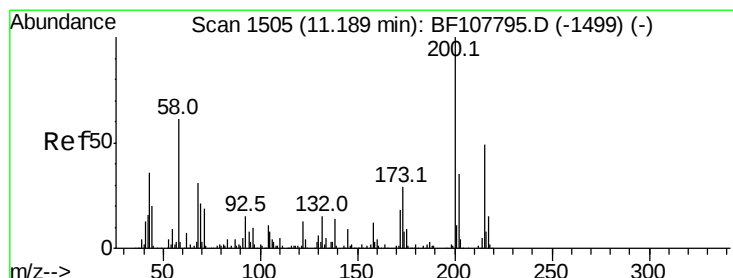
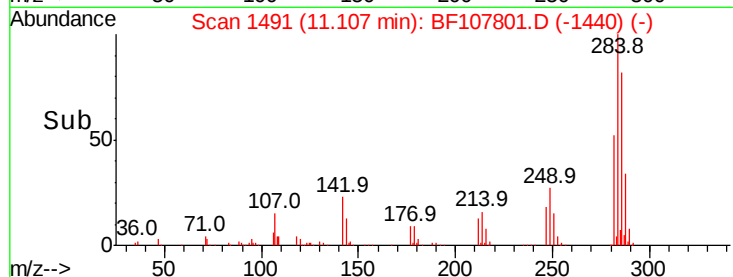
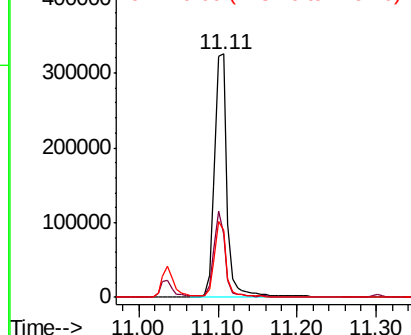
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.0	34.6	52.0	
249	27.8	24.8	37.2	

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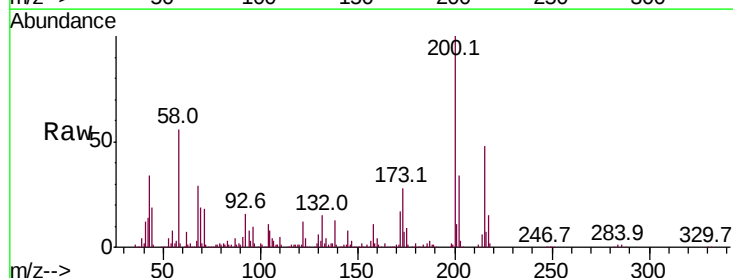


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

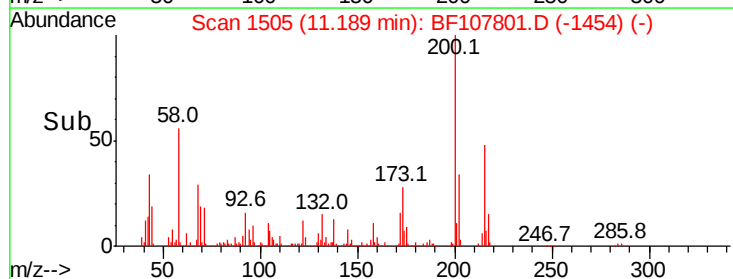
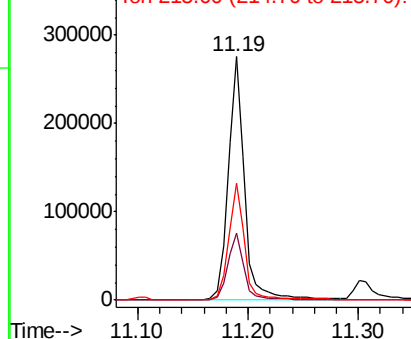


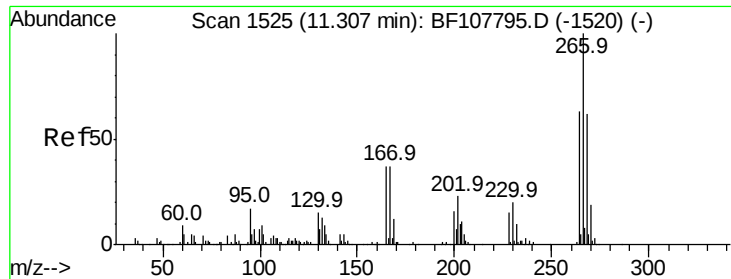
#68
Atrazine
Concen: 38.886 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.6	8.6	48.6	
215	48.0	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





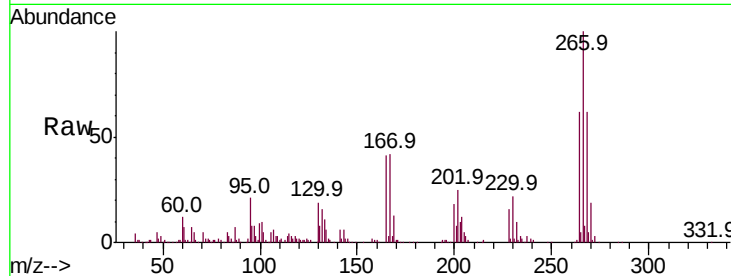
#69
 Pentachlorophenol
 Concen: 40.094 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	62.4	49.5	74.3

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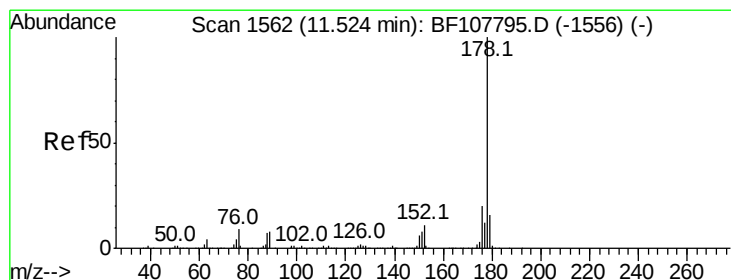
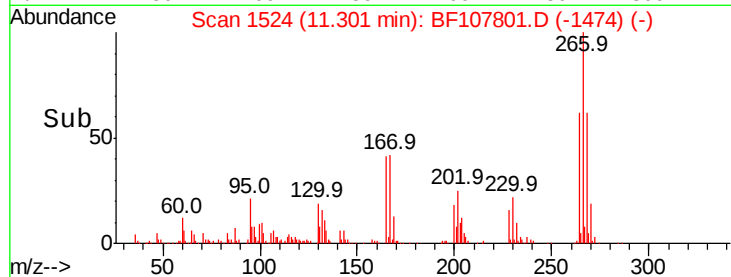
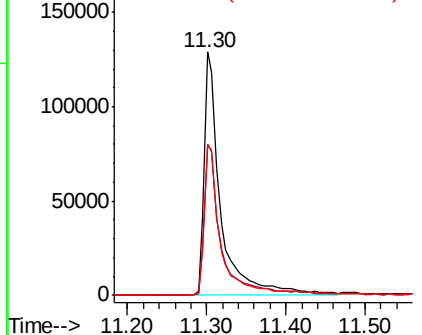


Abundance

Ion 265.70 (265.40 to 266.40): E

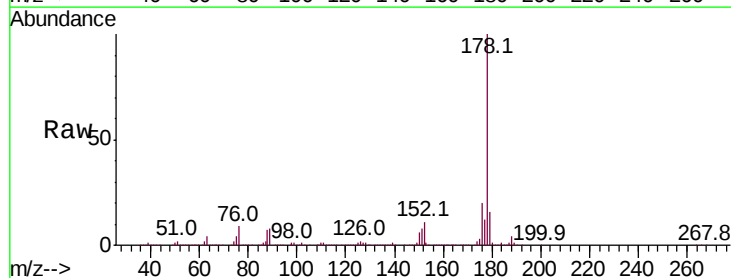
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.351 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

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

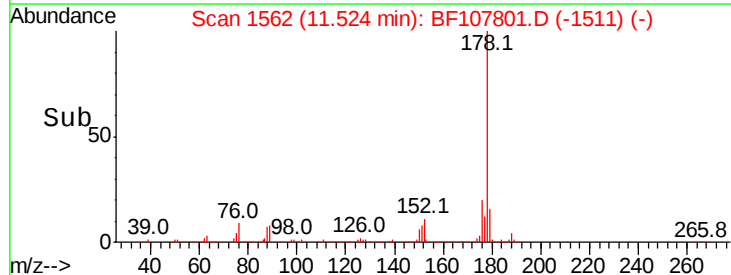
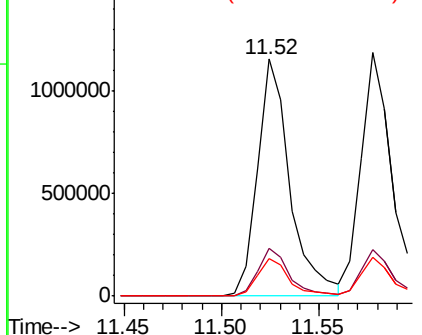


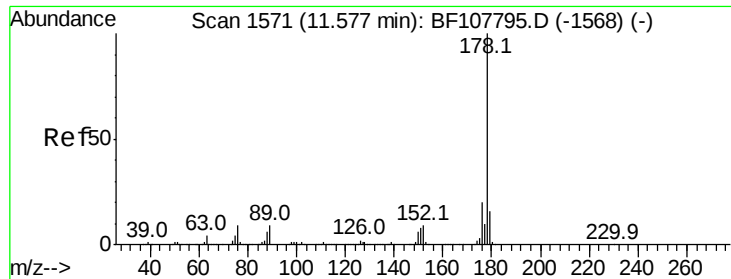
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





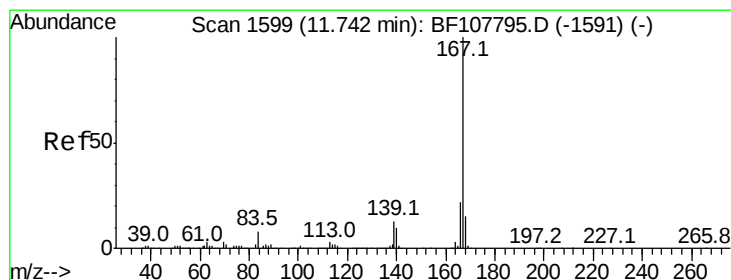
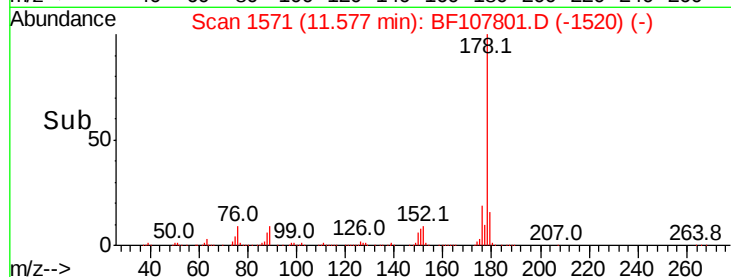
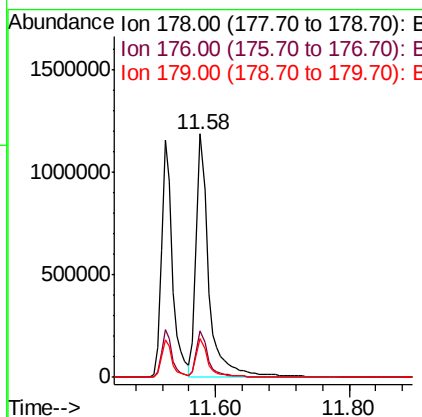
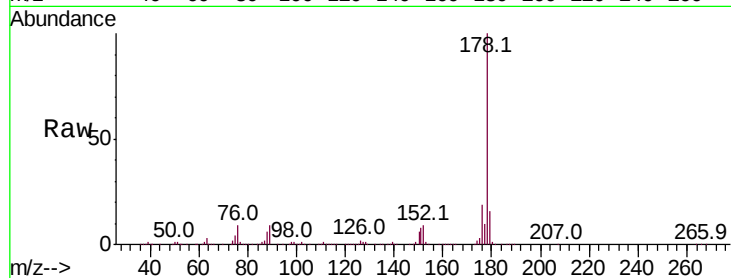
#71
 Anthracene
 Concen: 36.668 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.1	12.6	19.0

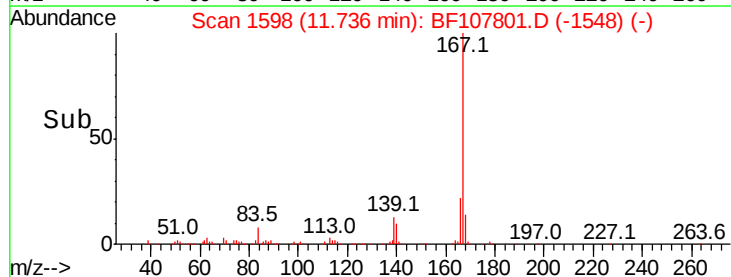
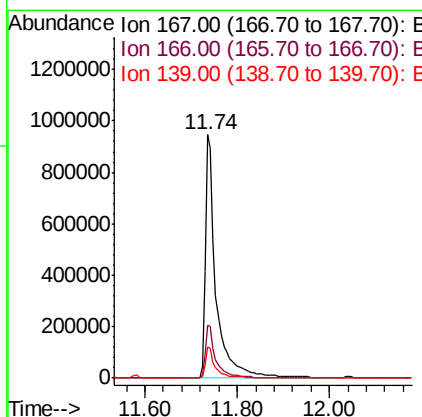
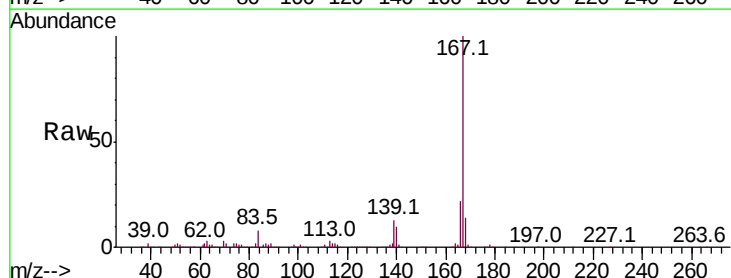
Manual Integrations
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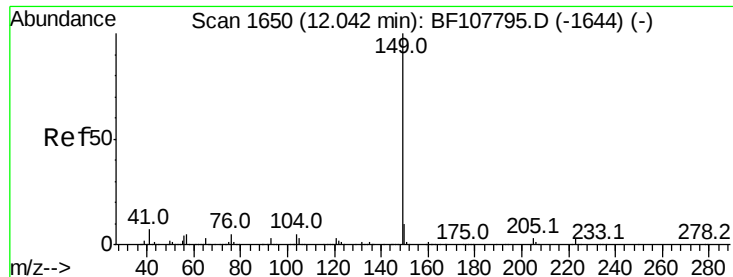
Sohil
 7/31/2018 2:42:31 PM



#72
 Carbazole
 Concen: 38.128 ng
 RT: 11.74 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.0	10.9	16.3





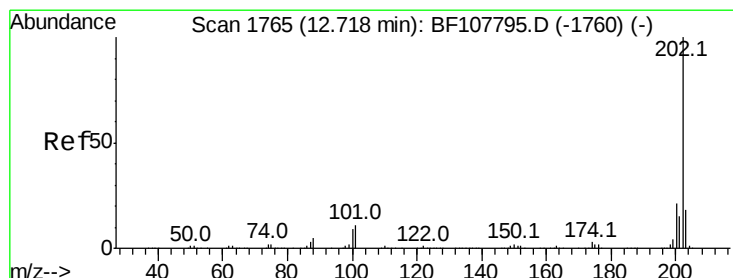
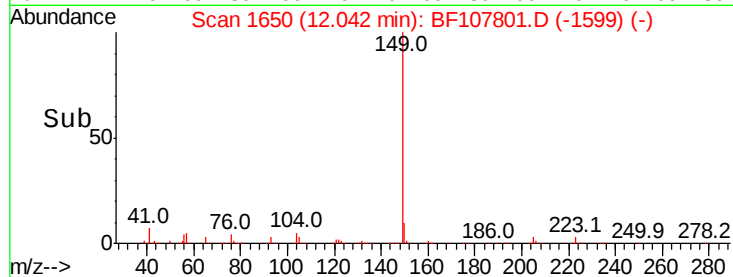
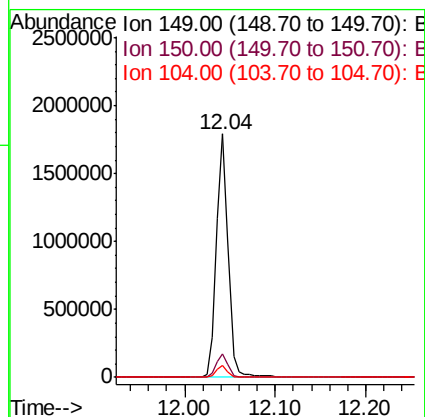
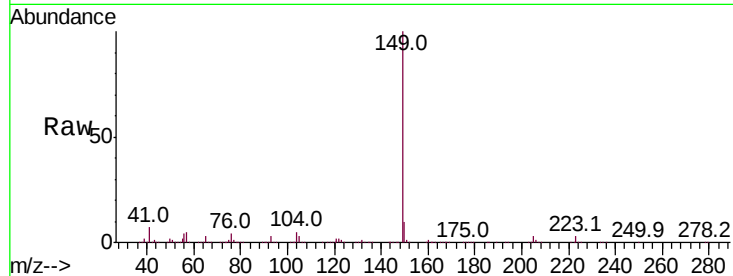
#73
Di-n-butylphthalate
Concen: 36.889 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.8	3.8	5.8

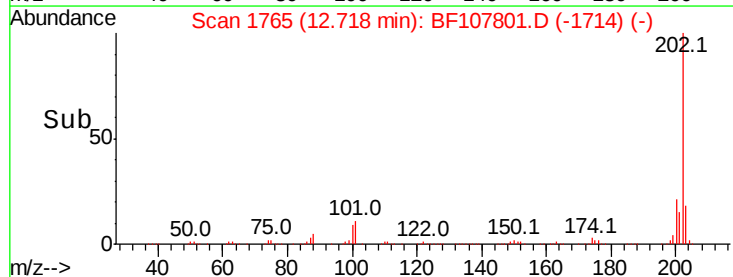
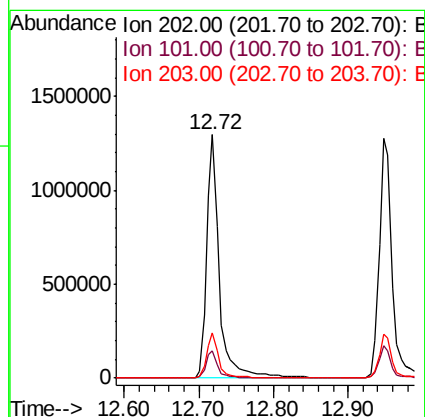
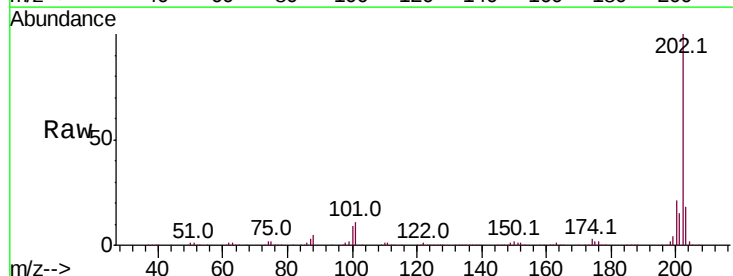
Manual Integrations
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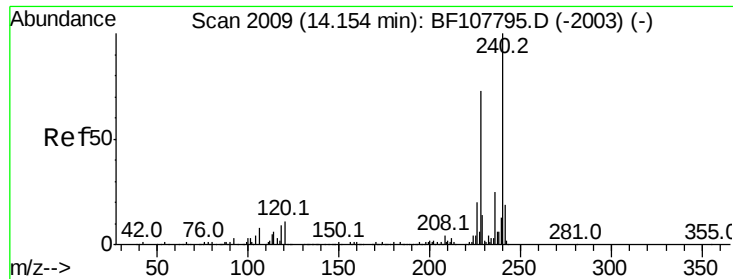
Sohil
7/31/2018 2:42:31 PM



#74
Fluoranthene
Concen: 36.803 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF107801.D

Acq: 30 Jul 2018 15:49

Instrument :

BNA_F

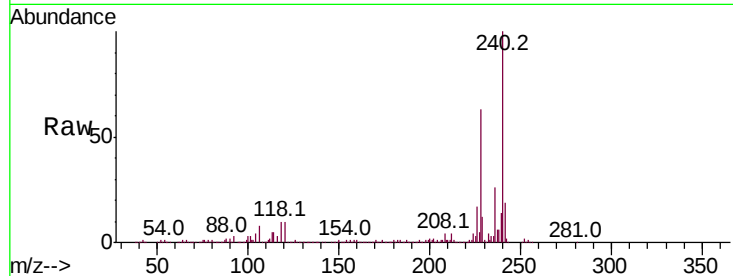
ClientSampleId :

SSTDCCC040

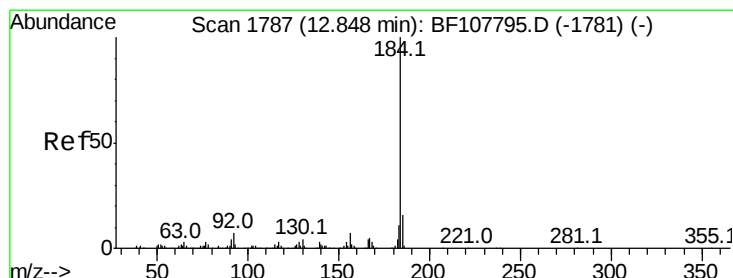
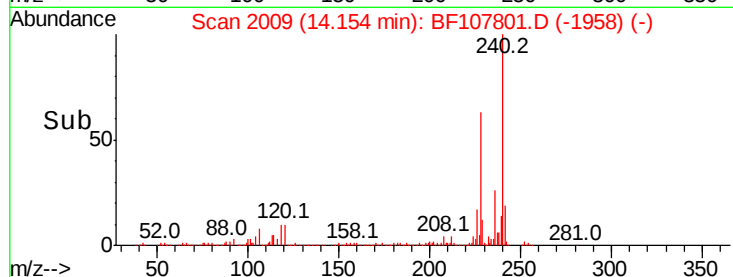
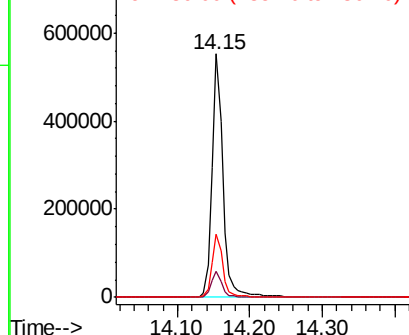
Tot Ion:	240	Resp:	579549
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	26.1	20.7	31.1

Manual Integrations
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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: 39.178 ng

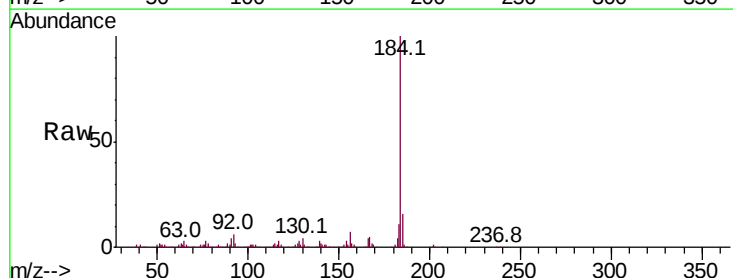
RT: 12.85 min Scan# 1787

Delta R.T. -0.00 min

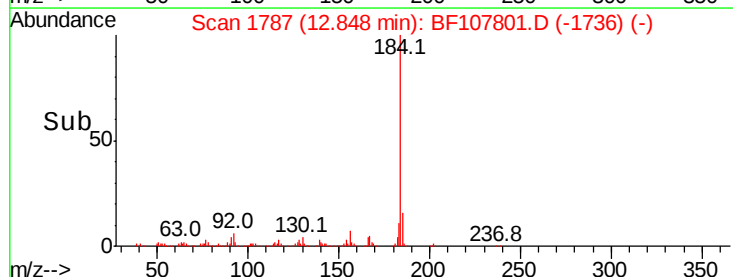
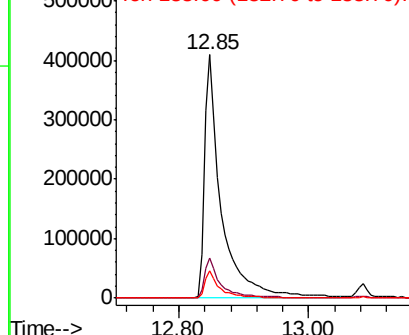
Lab File: BF107801.D

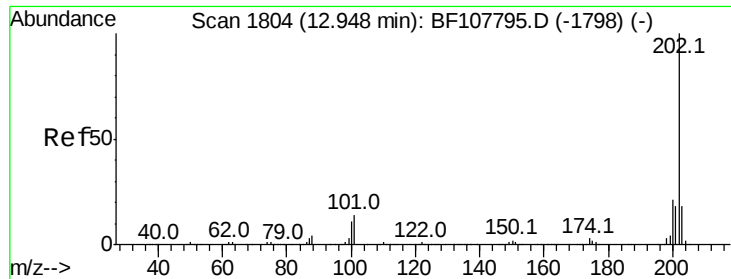
Acq: 30 Jul 2018 15:49

Tgt Ion:	184	Resp:	734130
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.6	18.8
183	11.0	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





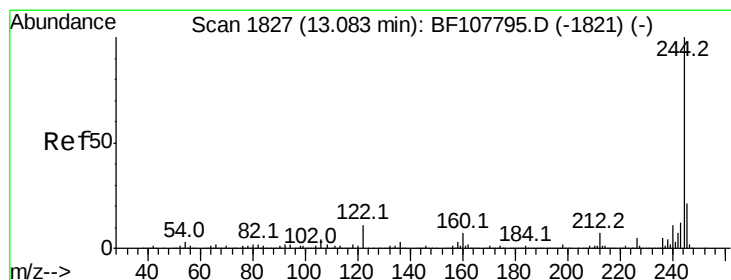
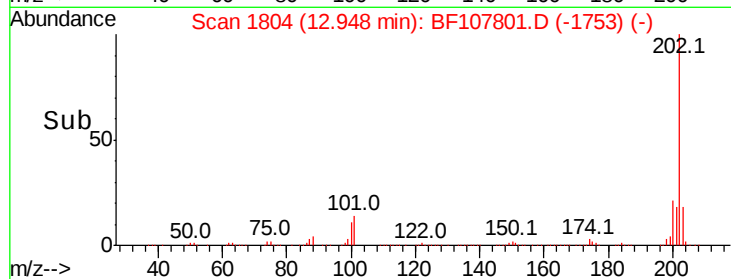
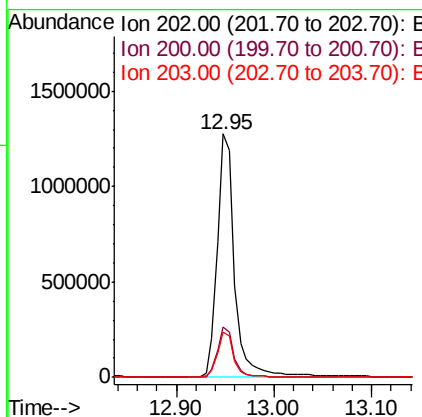
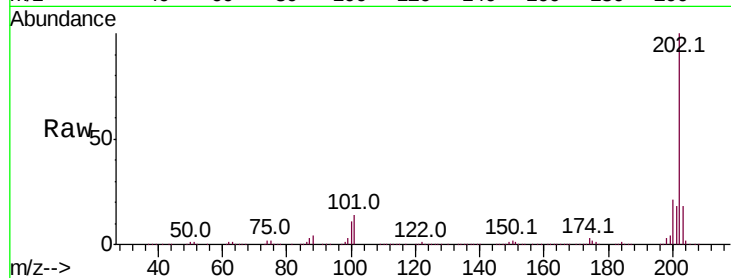
#77
Pvrene
Concen: 37.465 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	18.4	14.3	21.5

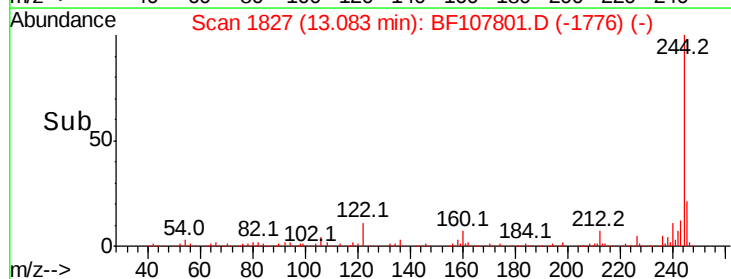
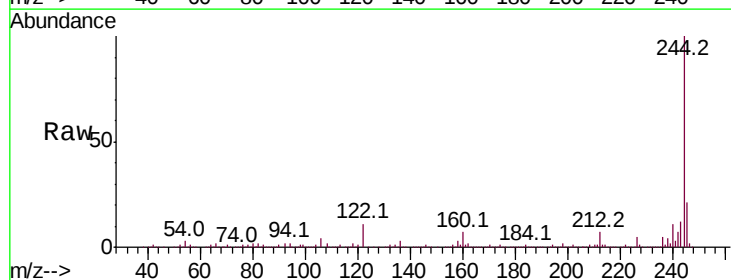
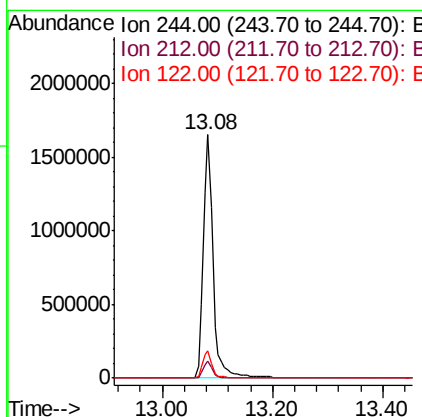
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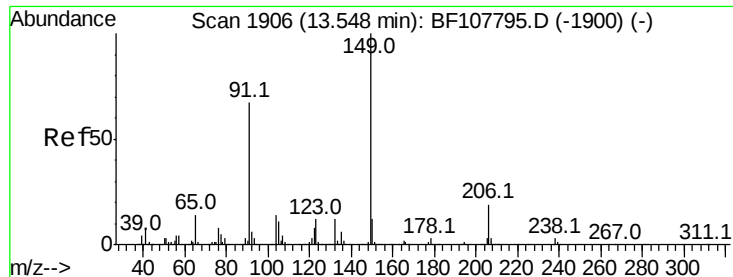
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#78
Terphenyl-d14
Concen: 75.326 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.4	11.0	16.4





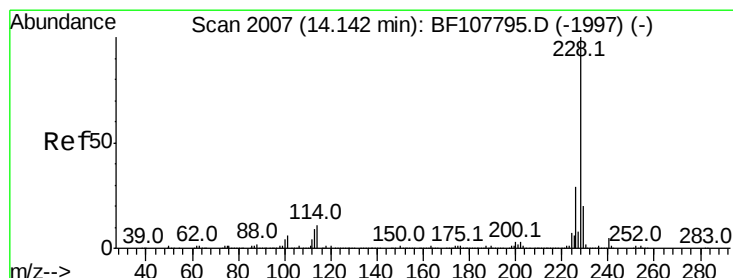
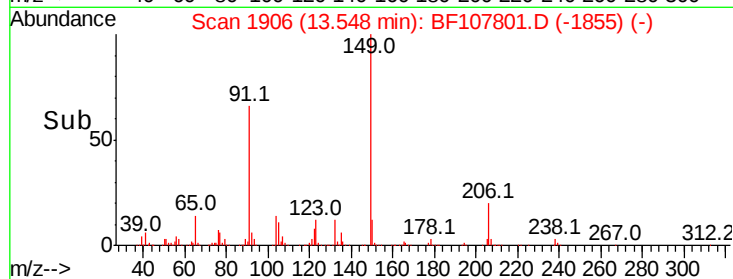
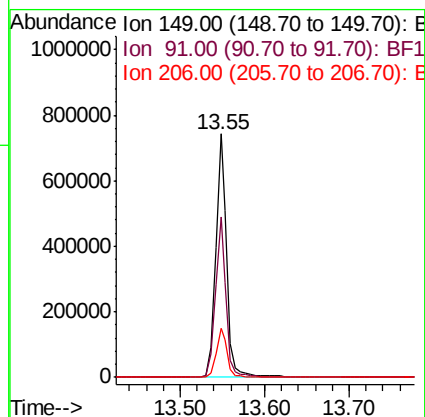
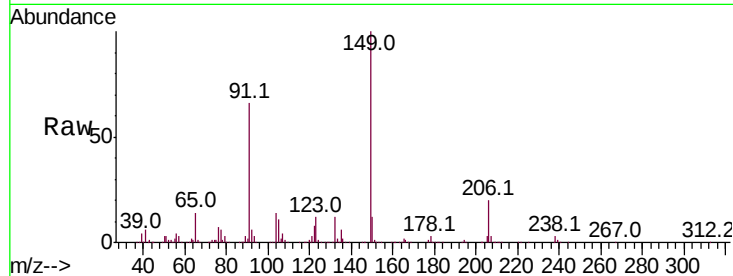
#79
Butylbenzylphthalate
Concen: 37.953 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	149	Resp:	693587
Ion Ratio	Lower	Upper	
149	100		
91	65.6	56.8	85.2
206	20.4	14.1	21.1

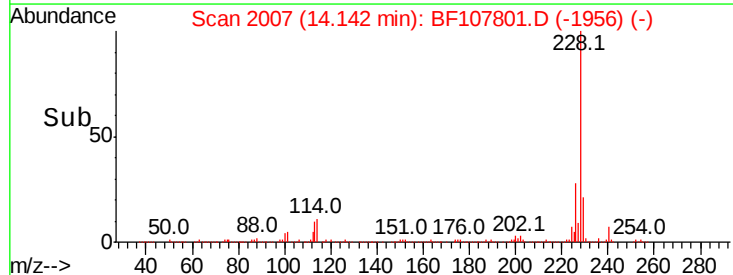
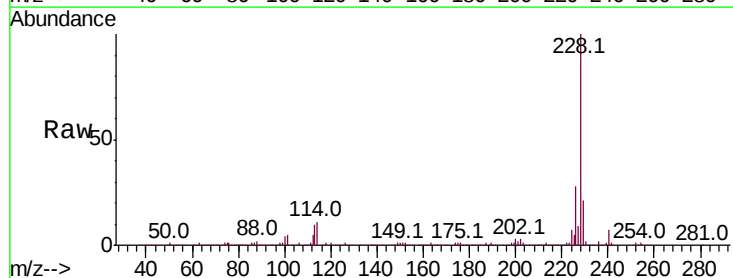
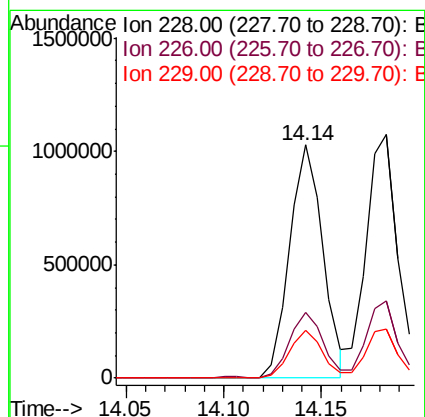
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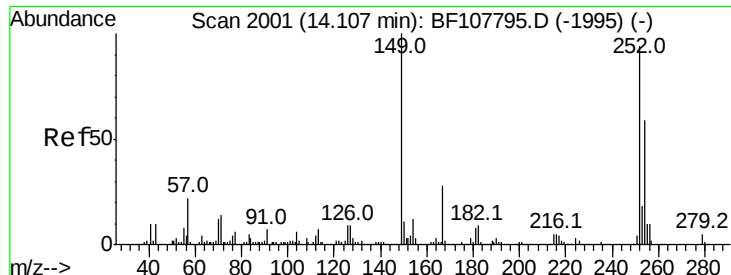
Sohil
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#80
Benzo(a)anthracene
Concen: 36.991 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion:	228	Resp:	1214408
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	20.7	15.8	23.6





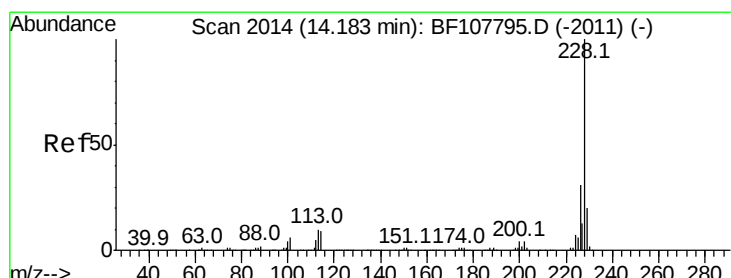
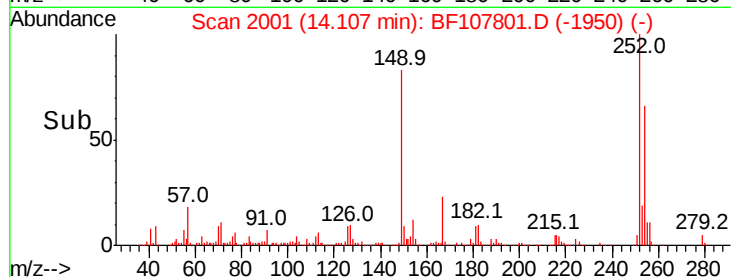
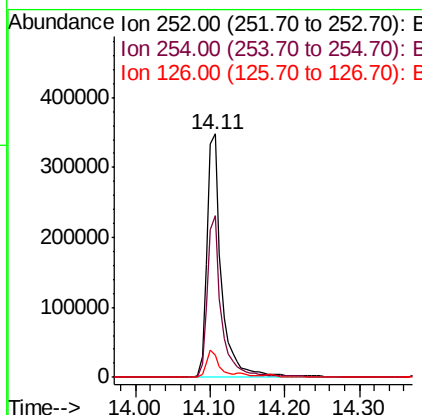
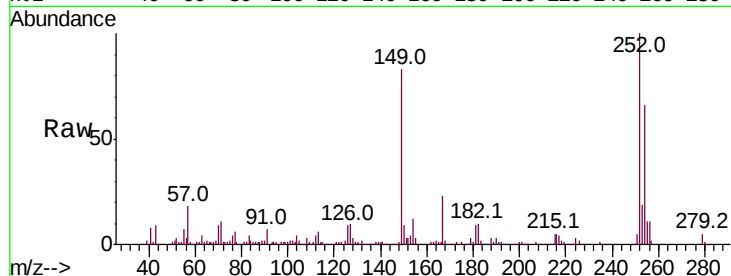
#81
 3,3'-Dichlorobenzidine
 Concen: 37.192 ng
 RT: 14.11 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	50.4	75.6
126	9.1	11.3	16.9

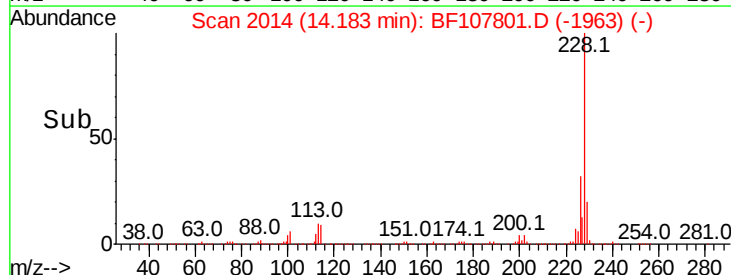
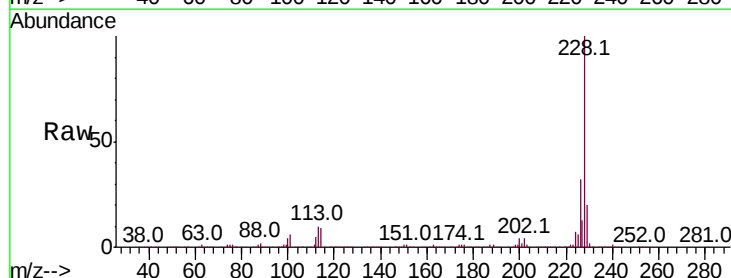
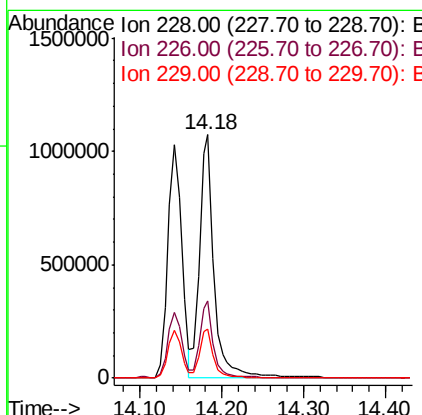
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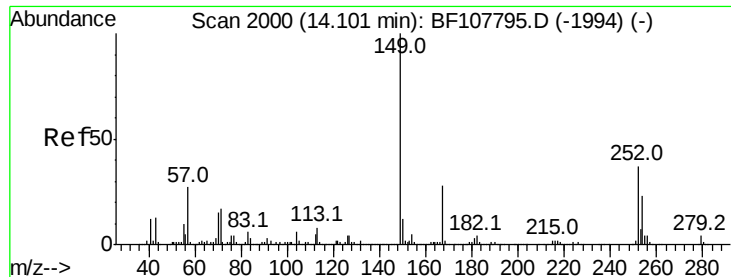
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 7/31/2018 2:42:31 PM



#82
 Chrysene
 Concen: 37.655 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.0	16.2	24.4





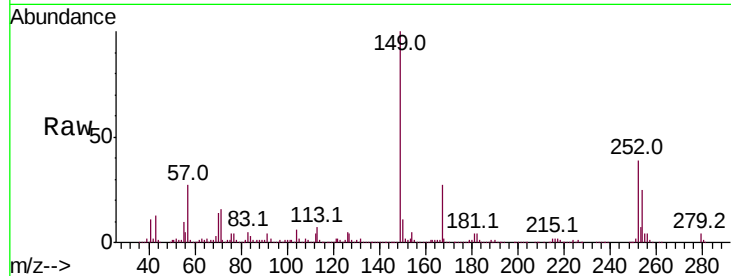
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.425 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.1	21.3	31.9	
279	4.2	3.0	4.4	

Manual Integrations
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Sohil
 7/31/2018 2:42:31 PM

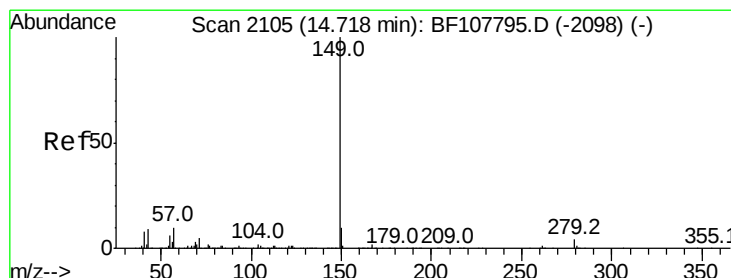
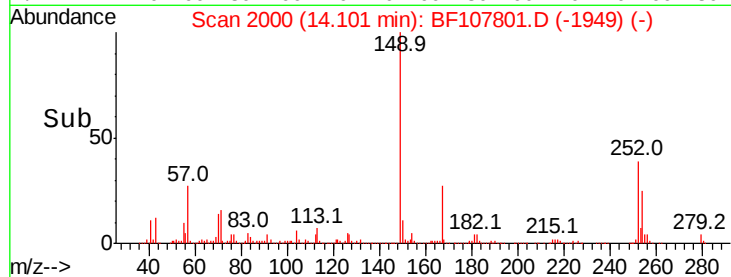
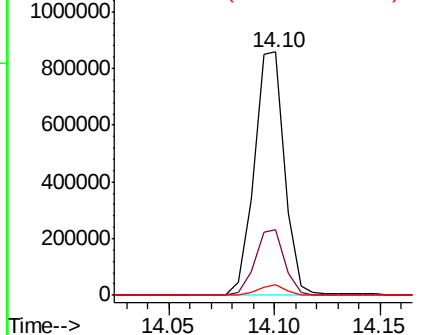


Abundance

Ion 149.00 (148.70 to 149.70): E

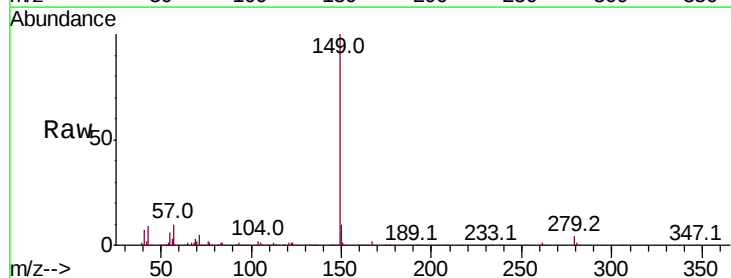
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 38.185 ng
 RT: 14.72 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	9.6	8.4	12.6	

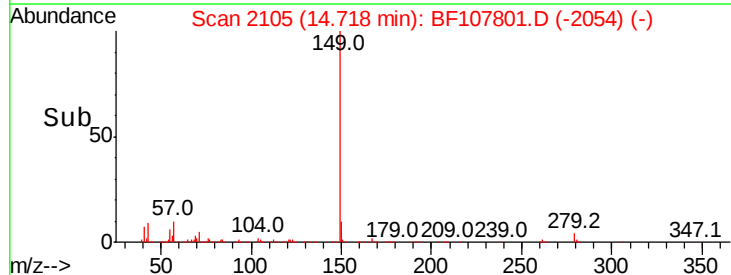
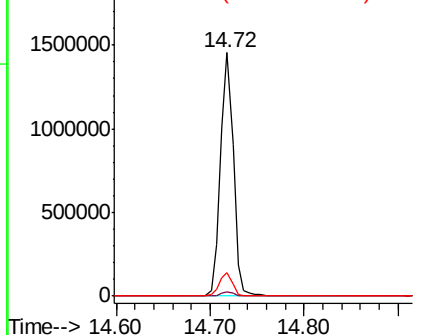


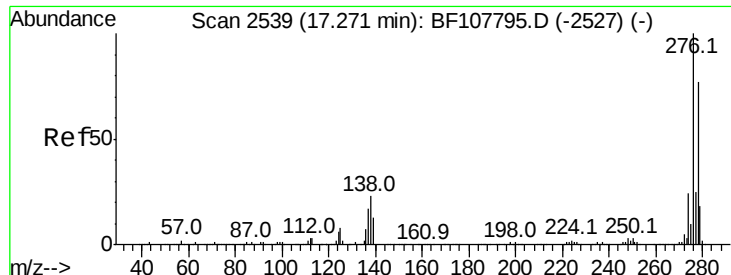
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





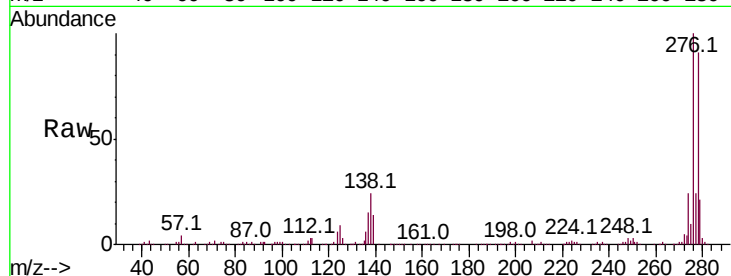
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.395 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.0	37.6#
277	24.9	20.1	30.1

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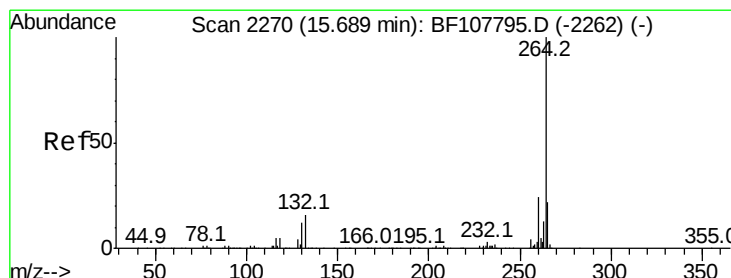
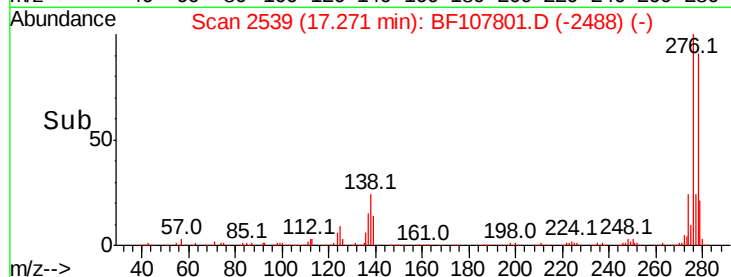
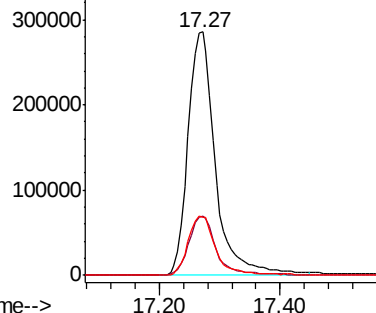


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

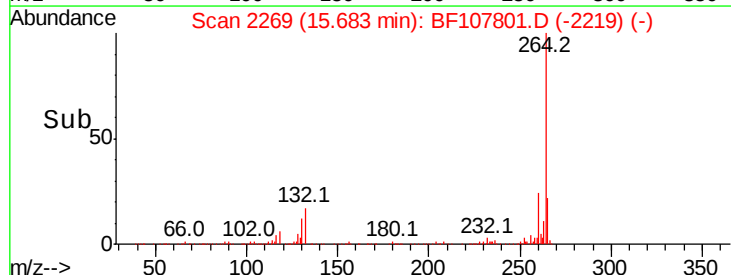
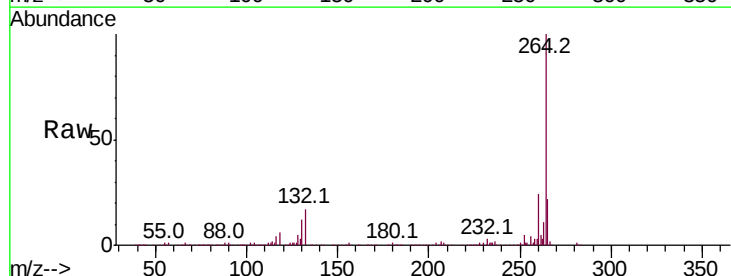
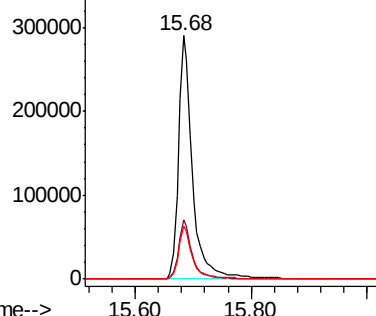
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

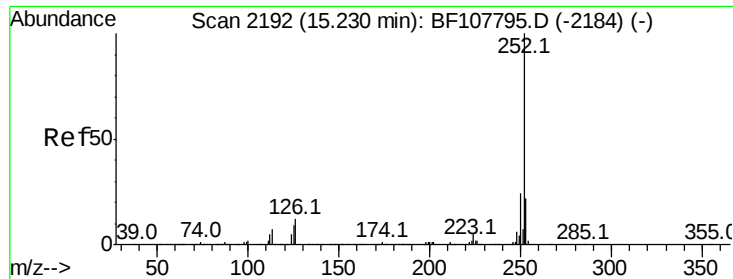
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





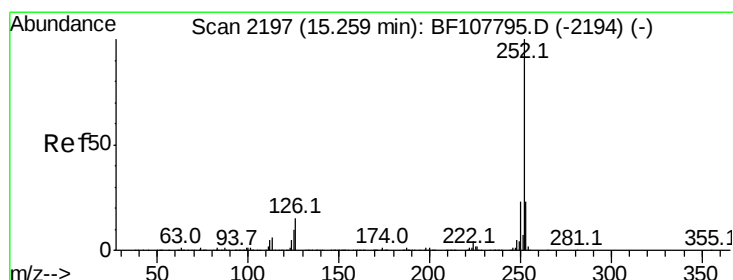
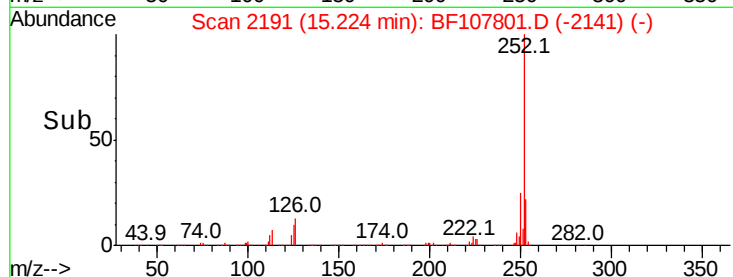
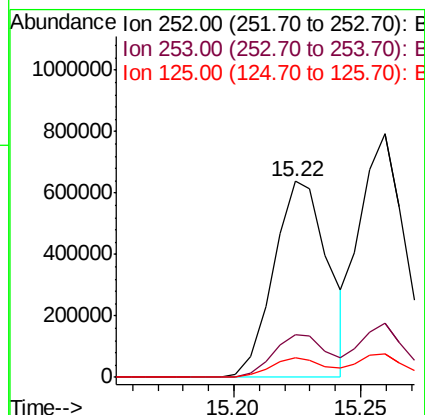
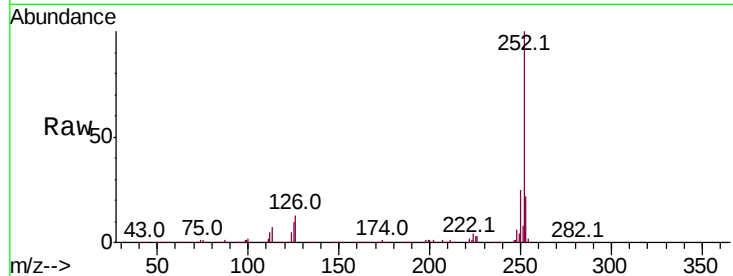
#87
Benzo(b)fluoranthene
Concen: 38.785 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	10.2	9.0	13.6

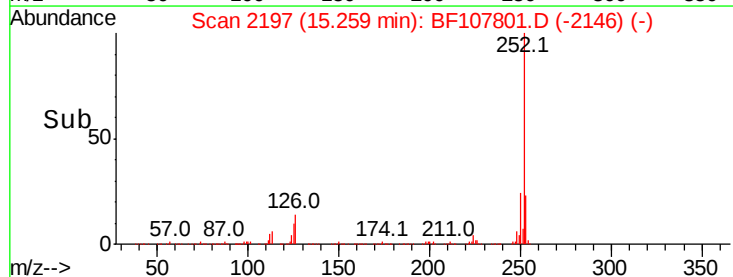
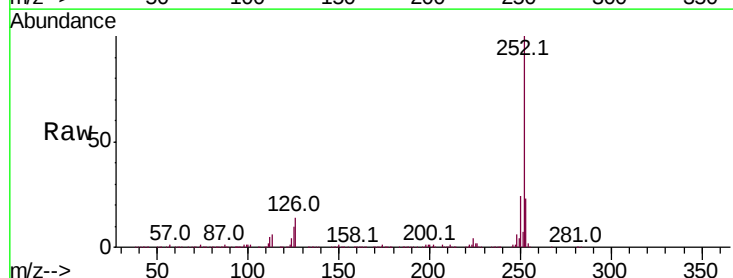
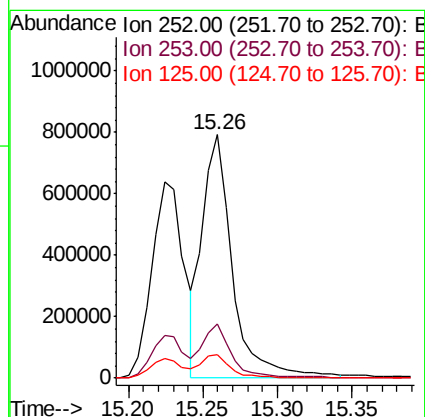
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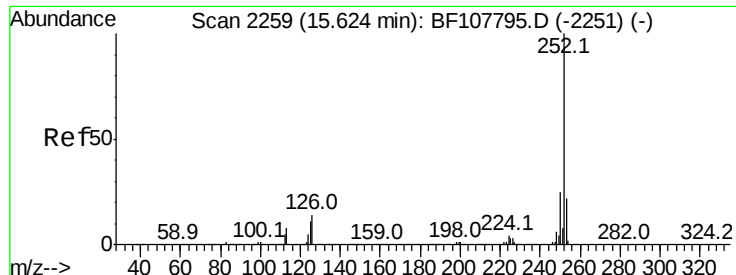
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#88
Benzo(k)fluoranthene
Concen: 36.778 ng m
RT: 15.26 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.6	10.2	15.2#





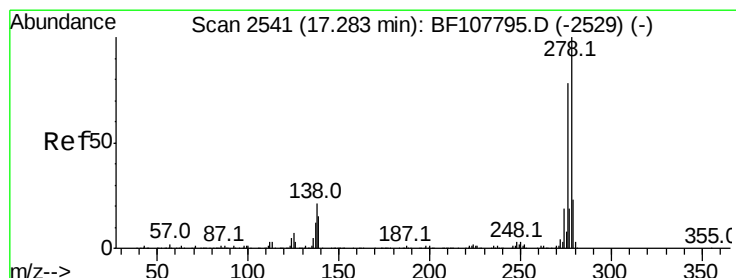
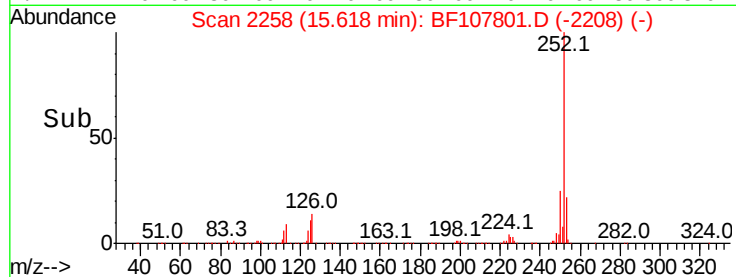
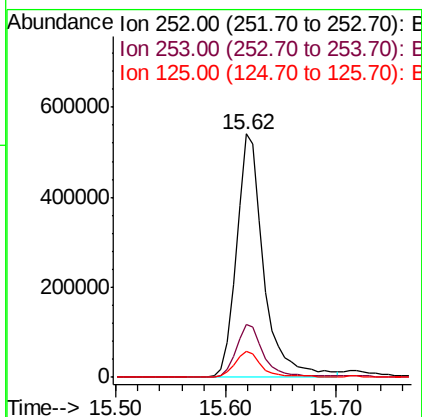
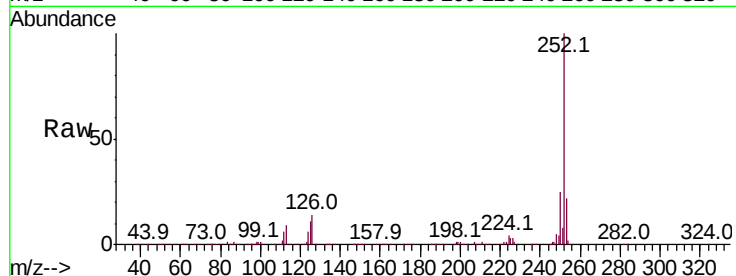
#89
Benzo(a)pyrene
Concen: 36.454 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	10.9	9.8	14.6

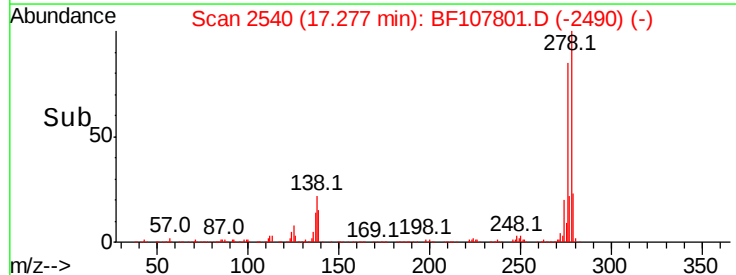
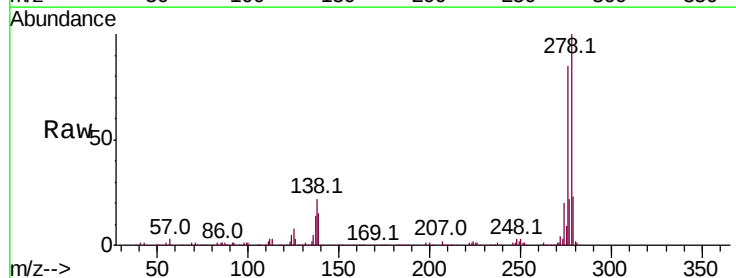
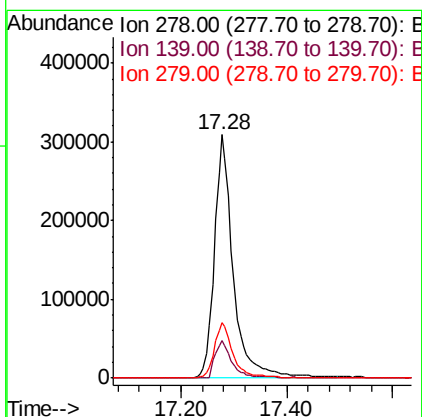
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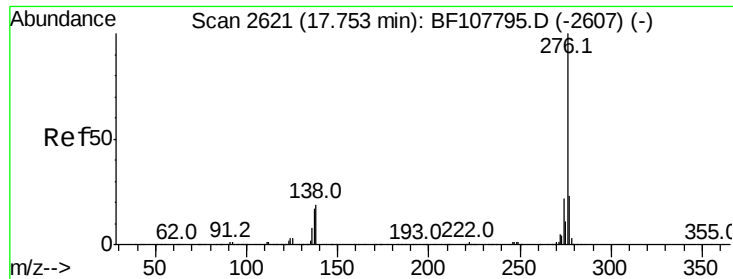
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 34.696 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF107801.D
Acq: 30 Jul 2018 15:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.9	23.9#
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.759 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.01 min
 Lab File: BF107801.D
 Acq: 30 Jul 2018 15:49

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	20.3	21.8	32.8

Manual Integrations
 APPROVED

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