

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098942.D
 Acq On : 29 Sep 2017 11:40
 Operator : SJ/JU
 Sample : I5488-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:38:41 PM

Quant Time: Sep 29 16:40:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143543	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	602171	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	263427	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	424387	20.00	ng	0.00
75) Chrysene-d12	14.09	240	222151	20.00	ng	0.00
86) Perylene-d12	15.58	264	226367	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1255512	139.24	ng	0.01
7) Phenol-d6	6.55	99	1530560	137.60	ng	0.00
23) Nitrobenzene-d5	7.49	82	945684	100.71	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	293738	136.27	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1495222	94.76	ng	0.00
78) Terphenyl-d14	13.03	244	1011284	103.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	175646	40.778	ng	98
3) Pyridine	3.59	79	512267	43.963	ng	98
4) n-Nitrosodimethylamine	3.54	42	244097	49.401	ng	97
6) Aniline	6.59	93	549499	36.602	ng	100
8) 2-Chlorophenol	6.71	128	479252	46.933	ng	96
9) Benzaldehyde	6.47	77	290979	45.096	ng	99
10) Phenol	6.57	94	659308	52.997	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	476278	49.247	ng	99
12) 1,3-Dichlorobenzene	6.86	146	497508	46.521	ng	99
13) 1,4-Dichlorobenzene	6.93	146	502949	46.224	ng	99
14) 1,2-Dichlorobenzene	7.09	146	470519	46.800	ng	98
15) Benzyl Alcohol	7.06	79	414736	50.823	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	737199	48.925	ng	99
17) 2-Methylphenol	7.17	107	420533	50.331	ng	97
18) Hexachloroethane	7.43	117	181275	46.350	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	333680	46.984	ng	97
20) 3+4-Methylphenols	7.32	107	489265	46.288	ng	# 84
22) Acetophenone	7.33	105	658372	45.126	ng	97
24) Nitrobenzene	7.50	77	509351	47.819	ng	97
25) Isophorone	7.74	82	976862	50.319	ng	100
26) 2-Nitrophenol	7.82	139	271823	53.069	ng	96
27) 2,4-Dimethylphenol	7.85	122	465372	48.110	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	613933	50.746	ng	100
29) 2,4-Dichlorophenol	8.06	162	411240	49.517	ng	99
30) 1,2,4-Trichlorobenzene	8.14	180	397722	47.881	ng	99
31) Naphthalene	8.23	128	1343727	47.512	ng	100
32) Benzoic acid	7.95	122	77283	9.726	ng	98
33) 4-Chloroaniline	8.27	127	286394	24.249	ng	97
34) Hexachlorobutadiene	8.33	225	195355	45.661	ng	98
35) Caprolactam	8.65	113	130864m	49.122	ng	
36) 4-Chloro-3-methylphenol	8.75	107	442093	47.359	ng	98
37) 2-Methylnaphthalene	8.92	142	920772	50.082	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	354929	45.179	ng	99
40) Hexachlorocyclopentadiene	9.06	237	288451	80.343	ng	99

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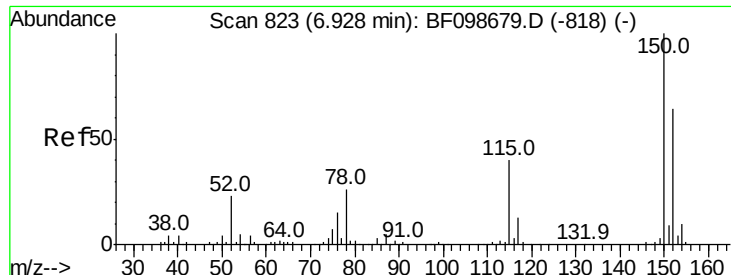
Manual Integrations
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Sohil
 10/2/2017 5:38:41 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	271827	48.841	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	275038	49.505	ng	99
45) 1,1'-Biphenyl	9.38	154	1040071	45.940	ng	99
46) 2-Chloronaphthalene	9.40	162	818890	48.174	ng	99
47) 2-Nitroaniline	9.50	65	278553	53.517	ng	96
48) Acenaphthylene	9.82	152	1240927	47.688	ng	99
49) Dimethylphthalate	9.68	163	1234693	62.101	ng	100
50) 2,6-Dinitrotoluene	9.75	165	222573	51.421	ng	93
51) Acenaphthene	9.99	154	792514	48.079	ng	99
52) 3-Nitroaniline	9.91	138	159368	31.577	ng	99
53) 2,4-Dinitrophenol	10.02	184	108182	50.336	ng	93
54) Dibenzofuran	10.17	168	1097652	50.013	ng	99
55) 4-Nitrophenol	10.07	139	375332	87.950	ng	97
56) 2,4-Dinitrotoluene	10.15	165	291130	51.825	ng	90
57) Fluorene	10.51	166	819234	46.441	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	203173	52.939	ng	99
59) Diethylphthalate	10.37	149	965249	49.684	ng	99
60) 4-Chlorophenyl-phenylether	10.50	204	372651	47.028	ng	98
61) 4-Nitroaniline	10.53	138	227710	46.766	ng	94
62) Azobenzene	10.66	77	896818	50.205	ng	98
64) 4,6-Dinitro-2-methylphenol	10.56	198	105912	41.018	ng	89
65) n-Nitrosodiphenylamine	10.62	169	764060	51.970	ng	99
66) 4-Bromophenyl-phenylether	10.99	248	216950	52.226	ng	100
67) Hexachlorobenzene	11.06	284	210268	47.393	ng	99
68) Atrazine	11.15	200	237456	53.682	ng	98
69) Pentachlorophenol	11.25	266	221427	80.192	ng	99
70) Phenanthrene	11.47	178	1095271	48.215	ng	99
71) Anthracene	11.53	178	1126475	48.465	ng	100
72) Carbazole	11.67	167	1054417	46.325	ng	99
73) Di-n-butylphthalate	12.00	149	1380340	50.383	ng	100
74) Fluoranthene	12.66	202	954722	41.505	ng	99
76) Benzidine	12.77	184	496475	60.423	ng	98
77) Pyrene	12.89	202	943037	55.670	ng	99
79) Butylbenzylphthalate	13.50	149	472160	59.307	ng	95
80) Benzo(a)anthracene	14.07	228	666644	49.558	ng	100
81) 3,3'-Dichlorobenzidine	14.03	252	210036	42.593	ng	98
82) Chrysene	14.12	228	623484	48.684	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	634344	57.866	ng	# 99
84) Di-n-octyl phthalate	14.66	149	972631	55.101	ng	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	728138	71.075	ng	97
87) Benzo(b)fluoranthene	15.14	252	629284	45.214	ng	# 97
88) Benzo(k)fluoranthene	15.17	252	626912	45.604	ng	99
89) Benzo(a)pyrene	15.52	252	625988	48.998	ng	# 97
90) Dibenzo(a,h)anthracene	17.12	278	603353	59.012	ng	97
91) Benzo(g,h,i)perylene	17.56	276	599865	59.354	ng	95

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



#1

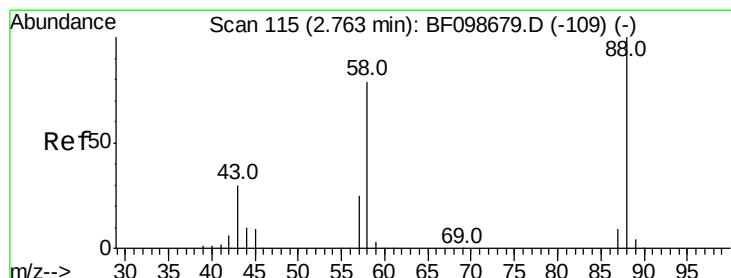
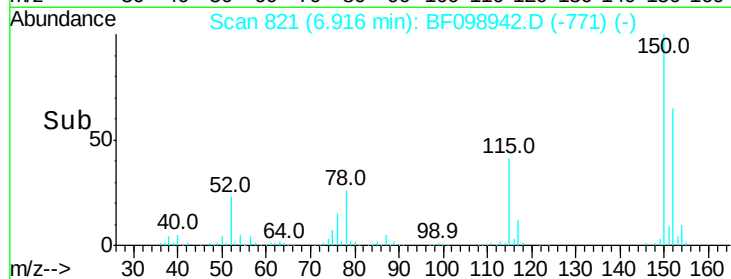
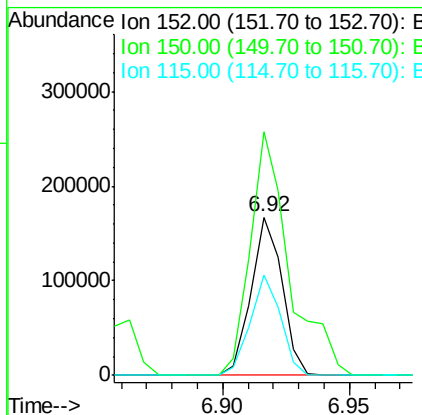
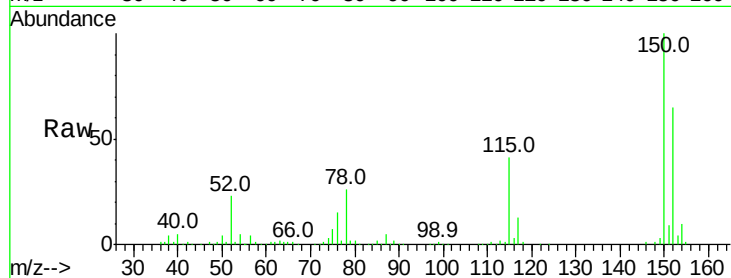
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	63.4	50.1	75.1

Manual Integrations
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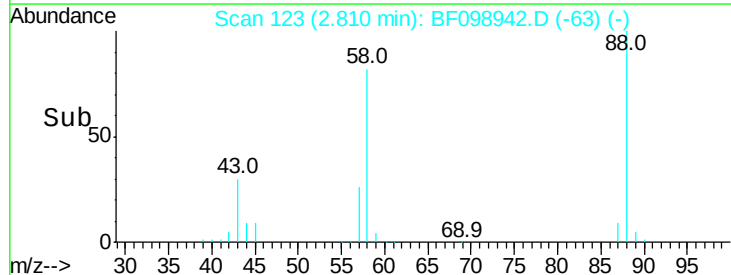
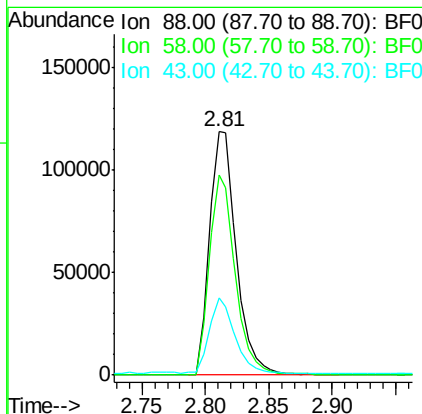
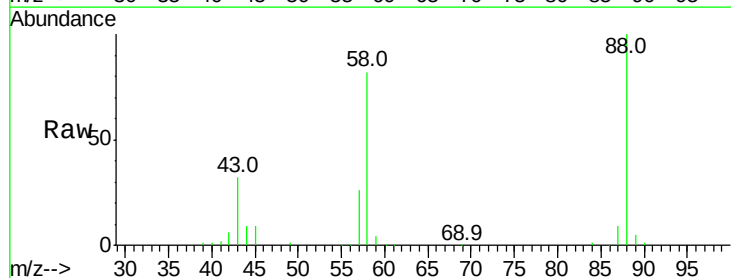
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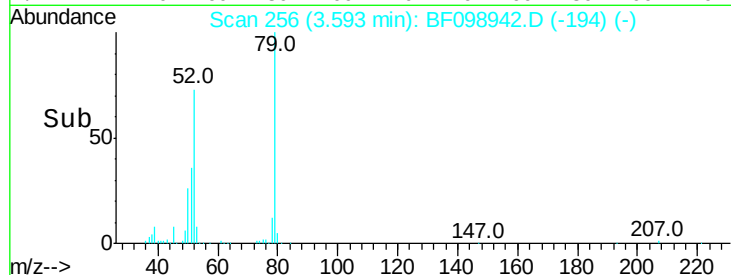
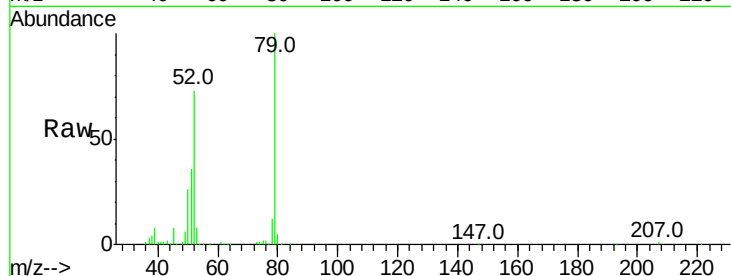
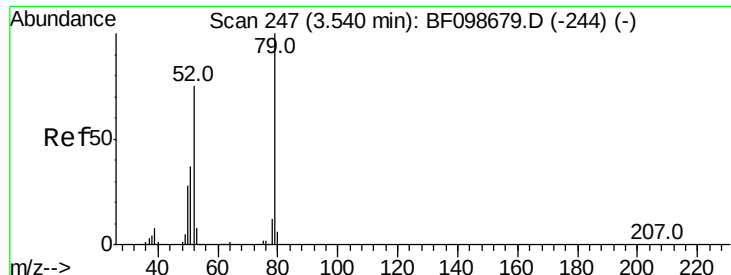


#2

1,4-Dioxane
Concen: 40.778 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.05 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	62.6	93.8
43	29.5	24.6	37.0





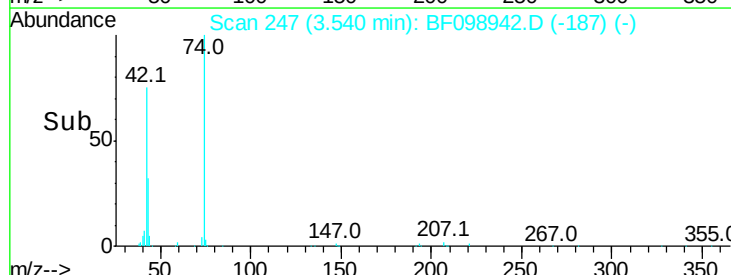
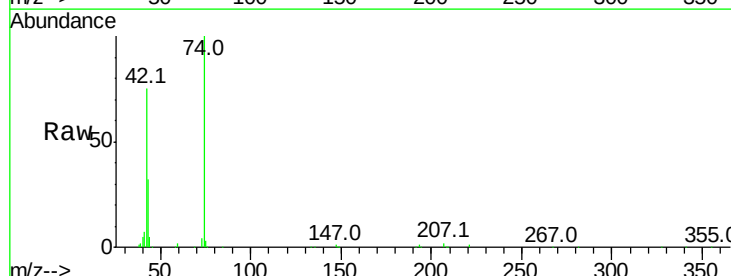
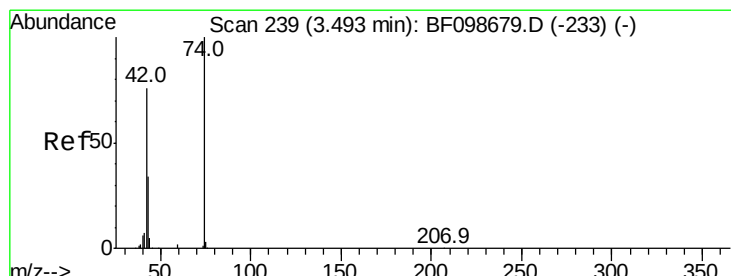
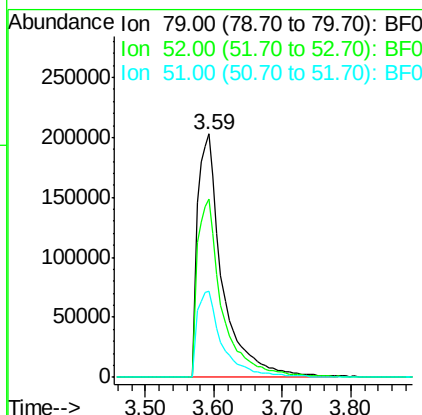
#3
 Pvridine
 Concen: 43.963 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.06 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.1	59.8	89.6
51	35.7	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

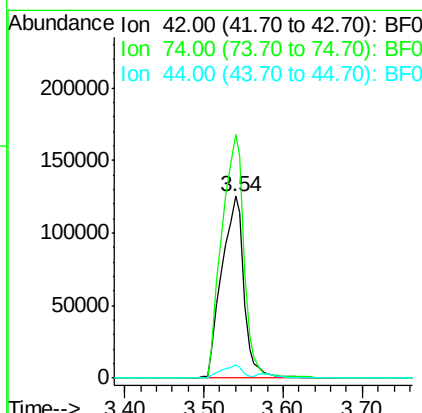
Manual Integrations
 APPROVED

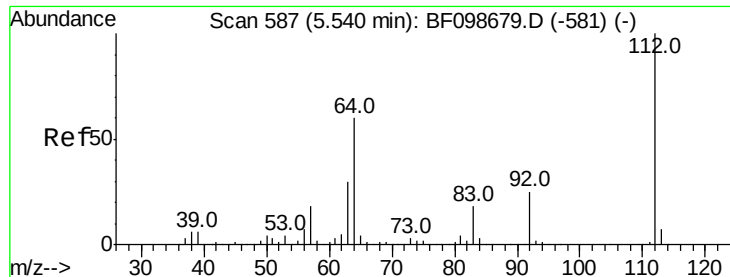
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#4
 n-Nitrosodimethylamine
 Concen: 49.401 ng
 RT: 3.54 min Scan# 247
 Delta R.T. 0.05 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.0	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 139.237 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

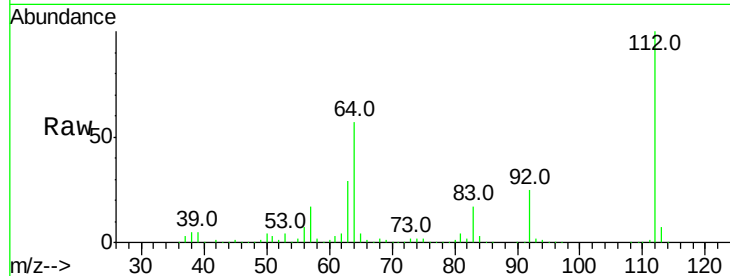
ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:	112	Resp:	1255512
Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	28.9	23.7	35.5

Manual Integrations
APPROVED

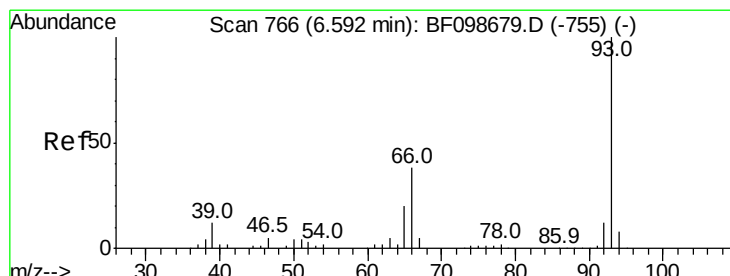
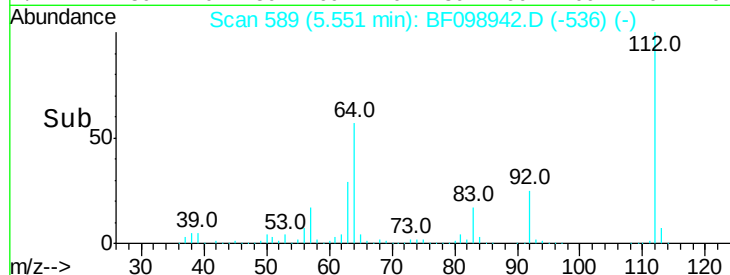
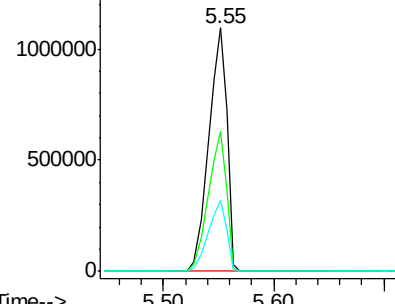
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.602 ng

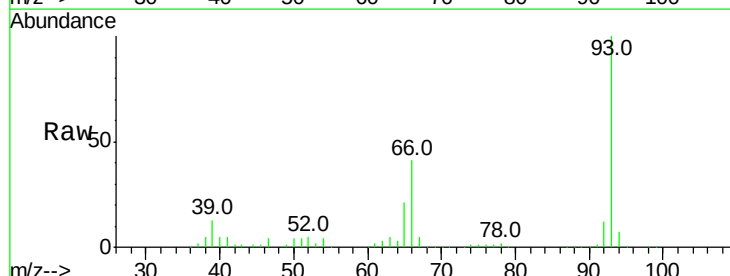
RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

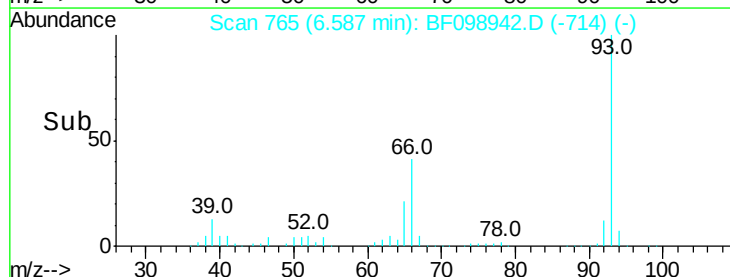
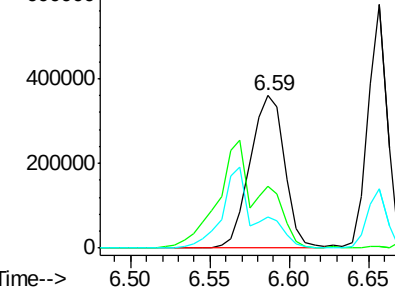
Tgt Ion:	93	Resp:	549499
Ion	Ratio	Lower	Upper
93	100		
66	40.5	32.2	48.2
65	20.6	16.4	24.6

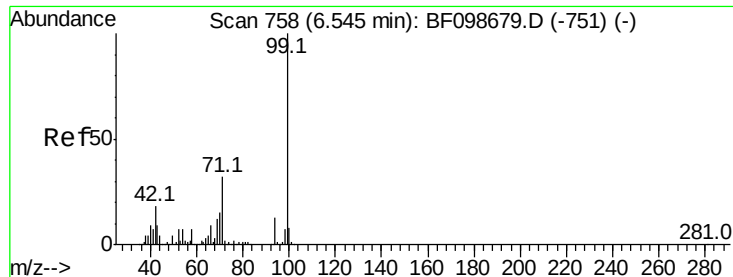


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.596 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

ClientSampleId :

PAMT-COMP-CMSD

Tot Ion: 99 Resp: 1530560

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

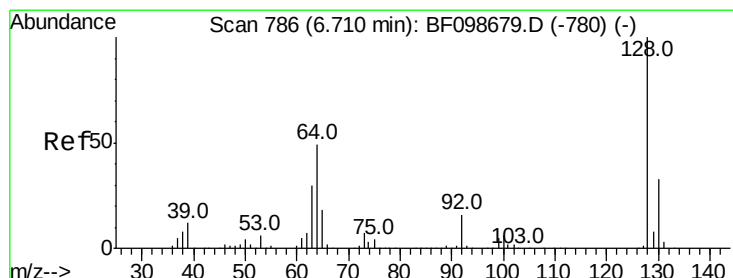
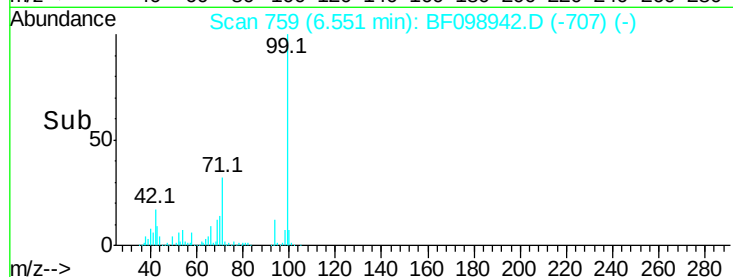
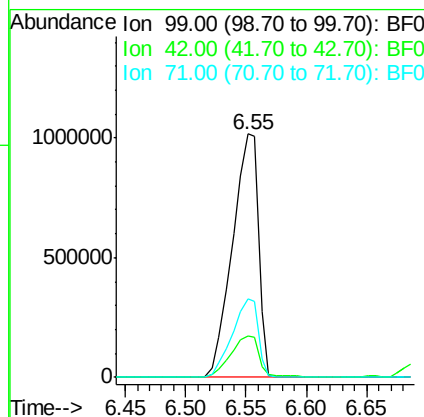
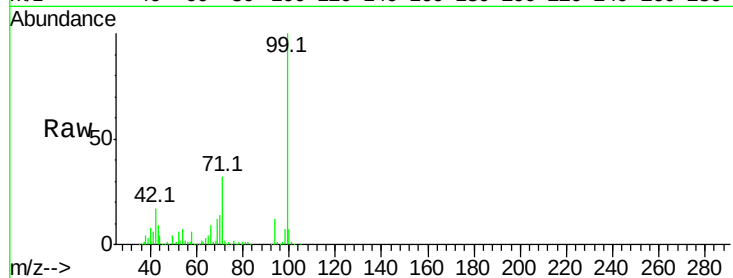
71 32.3 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 46.933 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

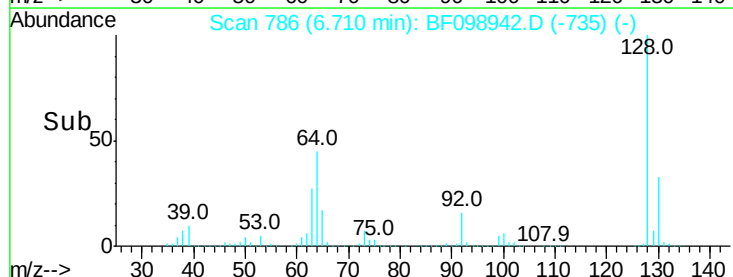
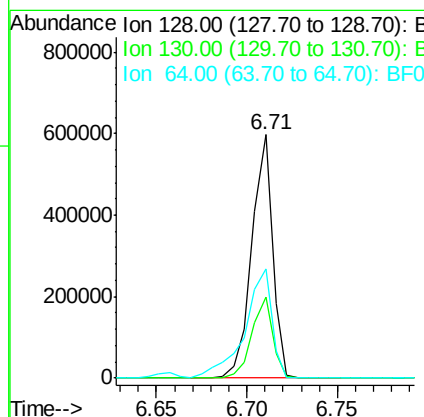
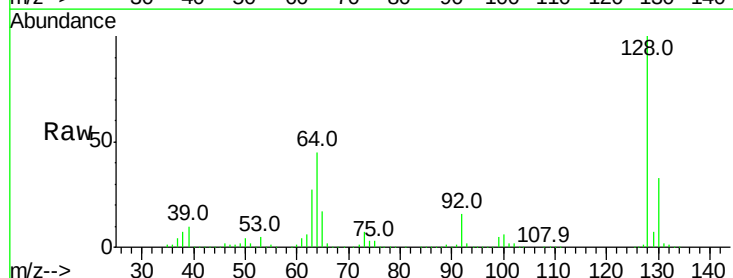
Tgt Ion: 128 Resp: 479252

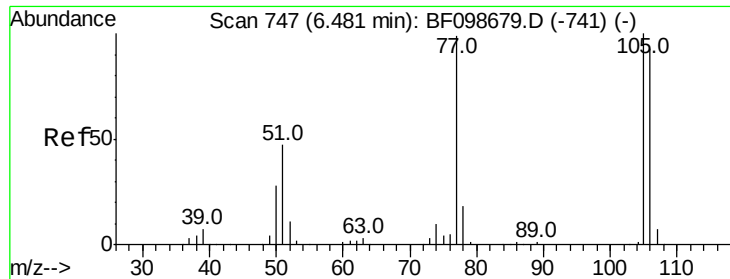
Ion Ratio Lower Upper

128 100

130 33.0 13.0 53.0

64 45.0 29.4 69.4





#9

Benzaldehyde

Concen: 45.096 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

ClientSampleId :

PAMT-COMP-CMSD

Tot Ion: 77 Resp: 290979

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

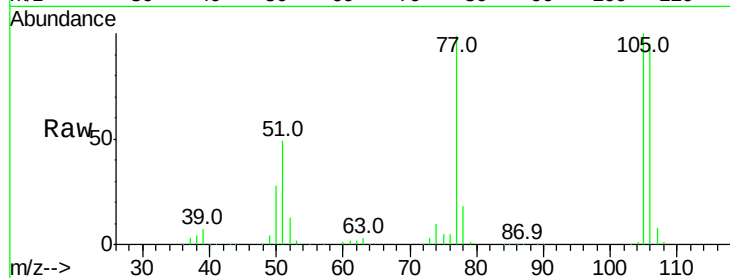
106 95.9 74.5 114.5

Manual Integrations

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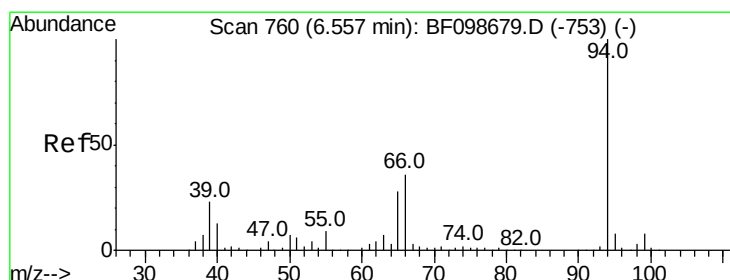
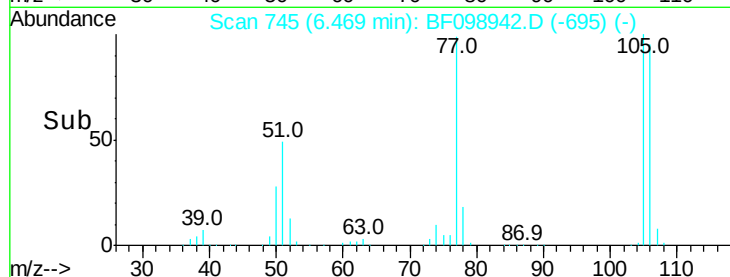
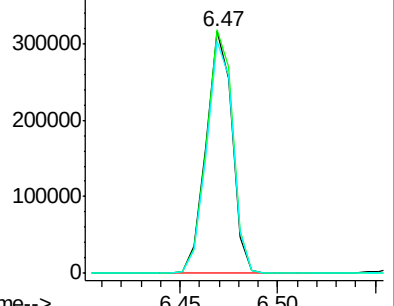
10/2/2017 5:38:41 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 52.997 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

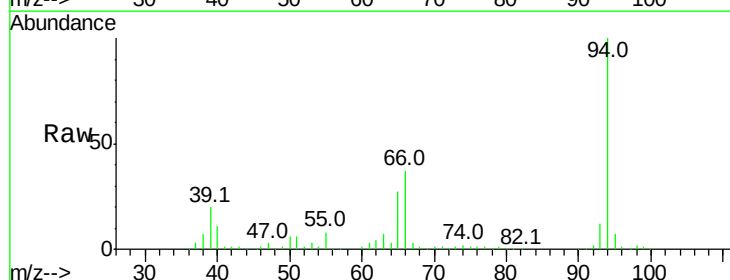
Tgt Ion: 94 Resp: 659308

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

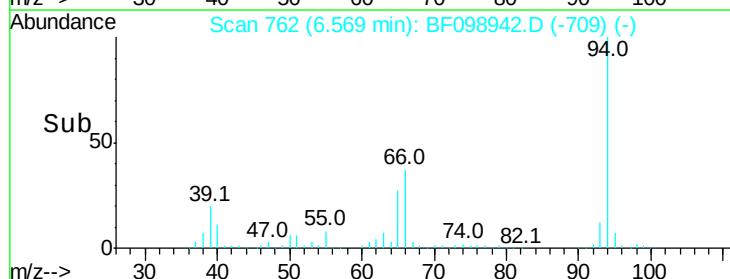
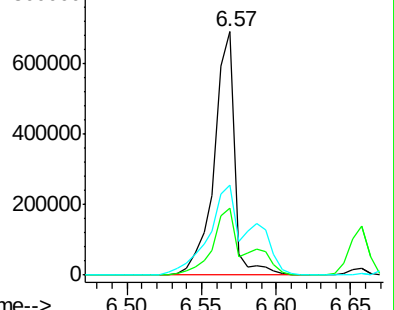
66 36.9 16.2 56.2

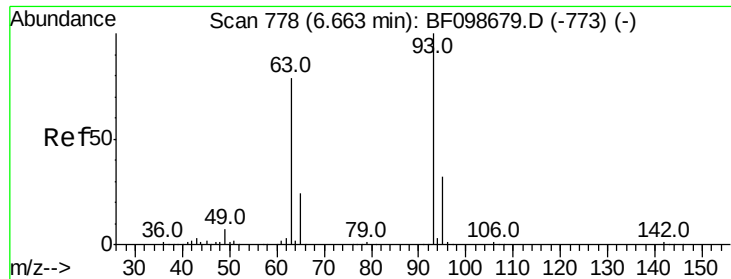


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





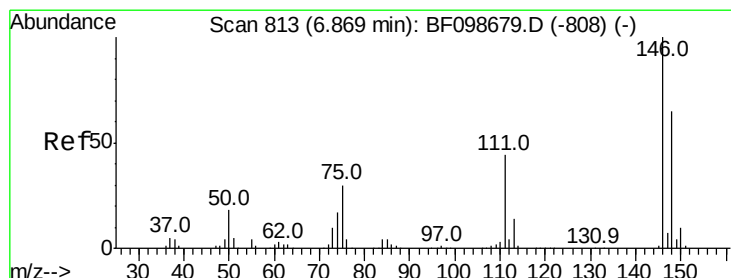
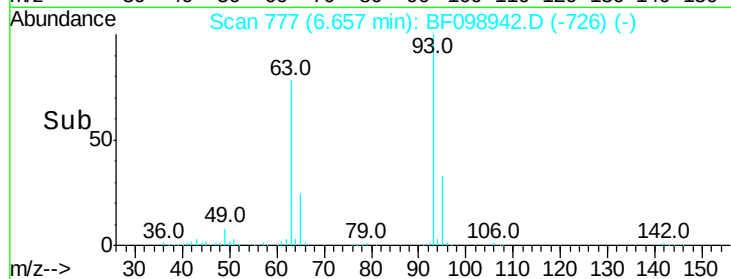
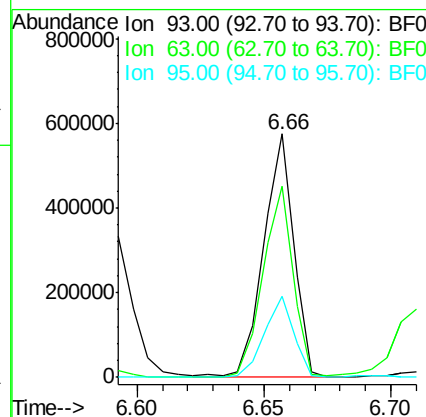
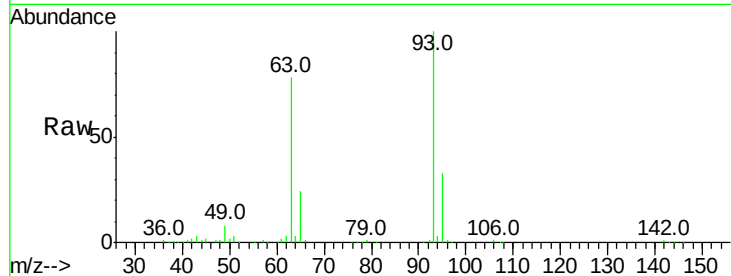
#11
bis(2-Chloroethyl)ether
Concen: 49.247 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion:	93	Resp:	476278
Ion Ratio	Lower	Upper	
93	100		
63	78.3	58.6	98.6
95	33.3	11.8	51.8

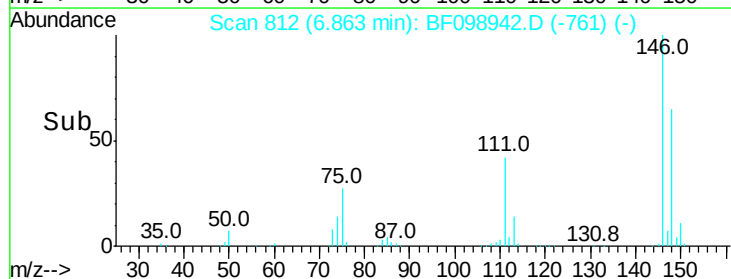
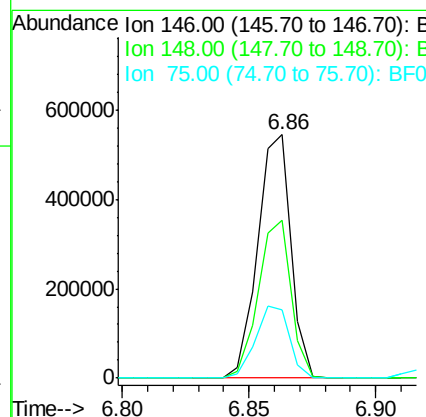
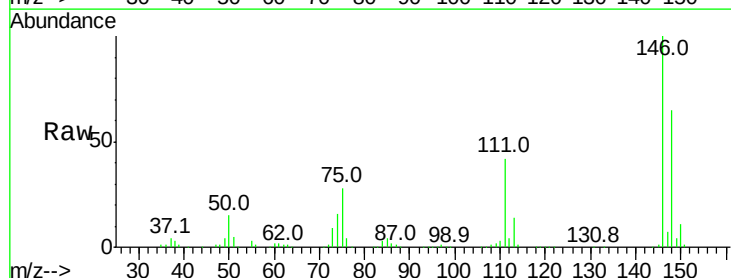
Manual Integrations
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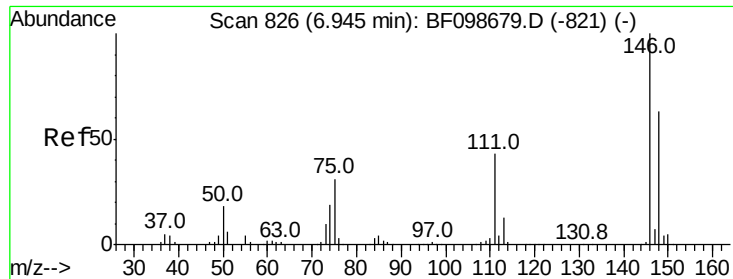
Sohil
10/2/2017 5:38:41 PM



#12
1,3-Dichlorobenzene
Concen: 46.521 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion:	146	Resp:	497508
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.8
75	28.2	24.2	36.4





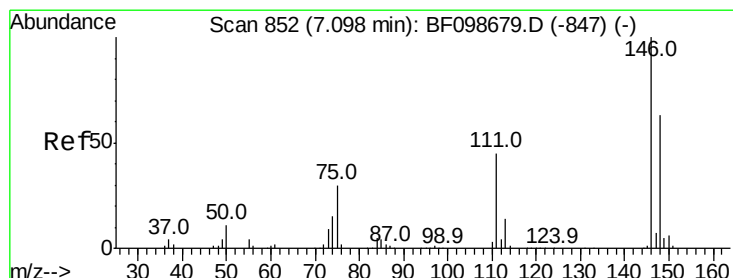
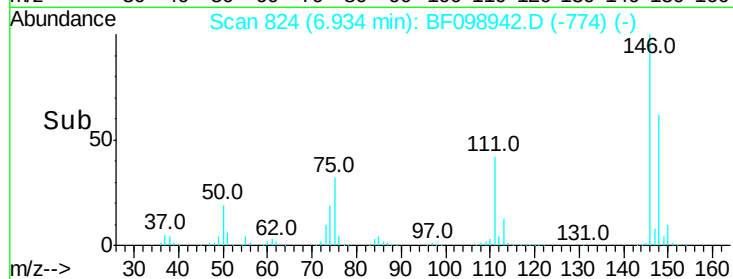
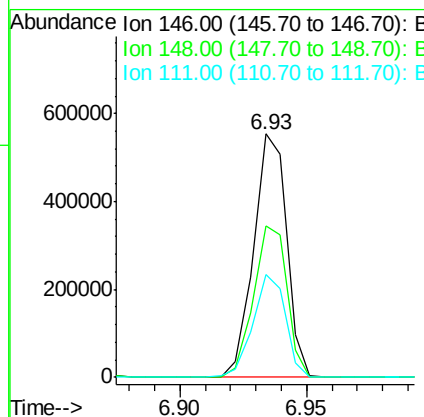
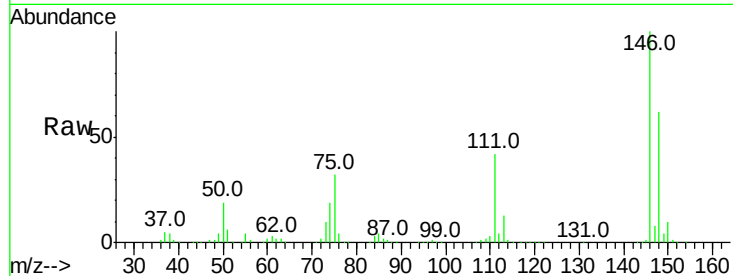
#13
 1,4-Dichlorobenzene
 Concen: 46.224 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.8	76.2
111	42.0	34.2	51.2

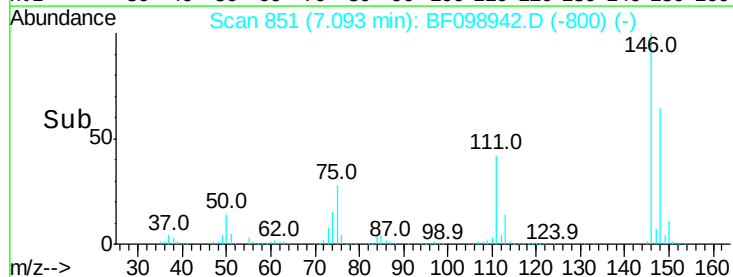
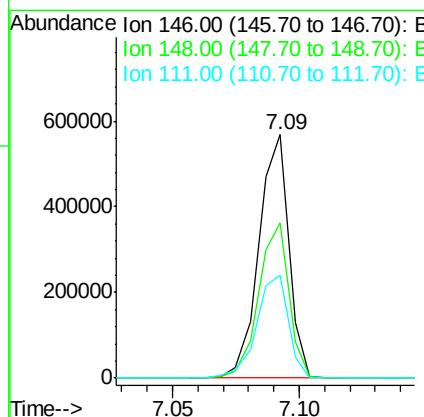
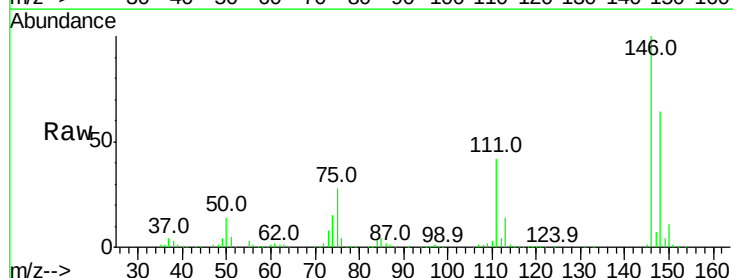
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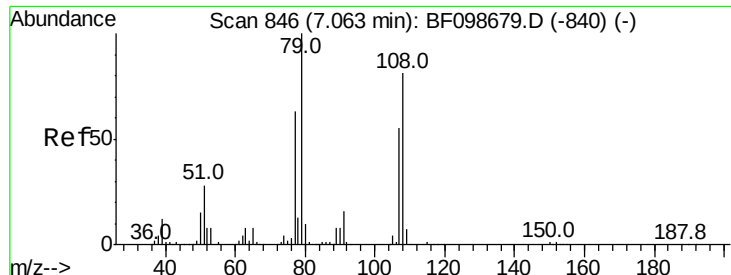
Sohil
 10/2/2017 5:38:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.800 ng
 RT: 7.09 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.6	75.8
111	42.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 50.823 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

ClientSampleId :

PAMT-COMP-CMSD

Tot Ion: 79 Resp: 414736

Ion Ratio Lower Upper

79 100

108 84.2 65.1 97.7

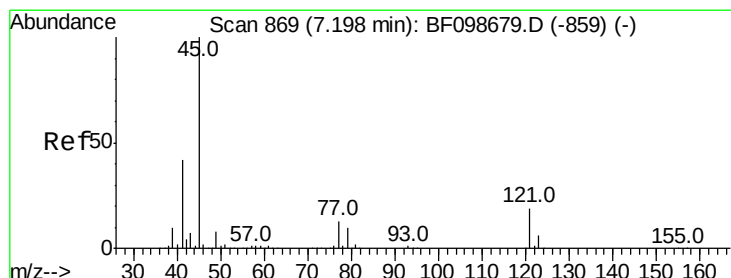
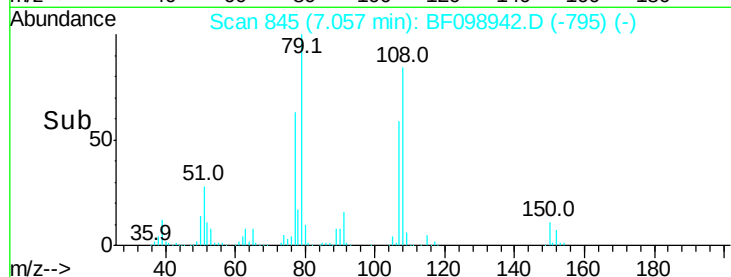
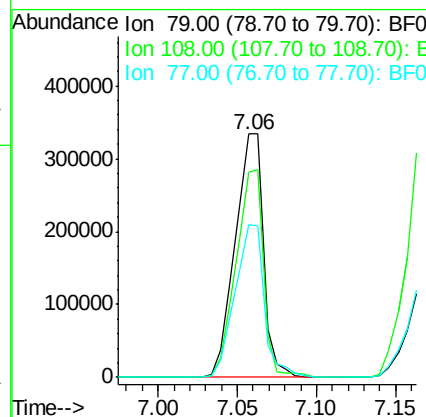
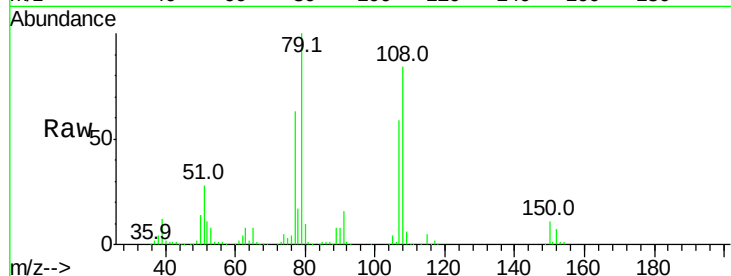
77 63.0 50.6 75.8

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 48.925 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

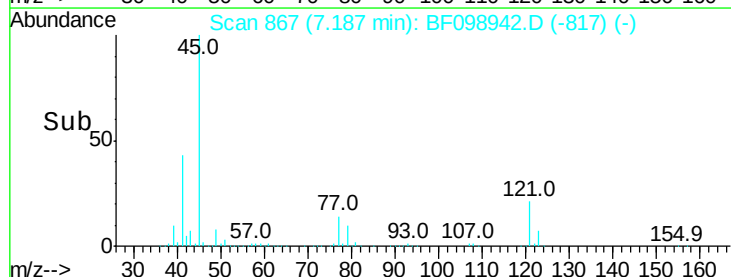
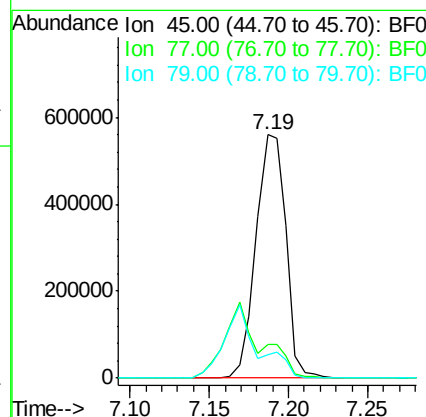
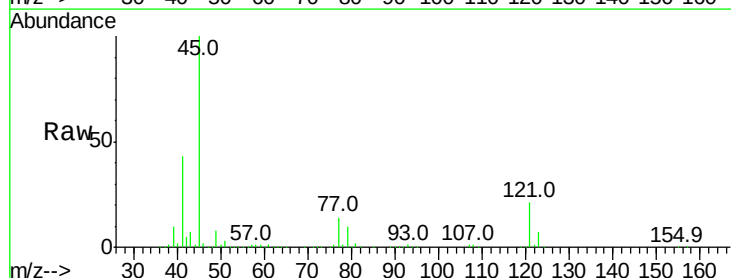
Tgt Ion: 45 Resp: 737199

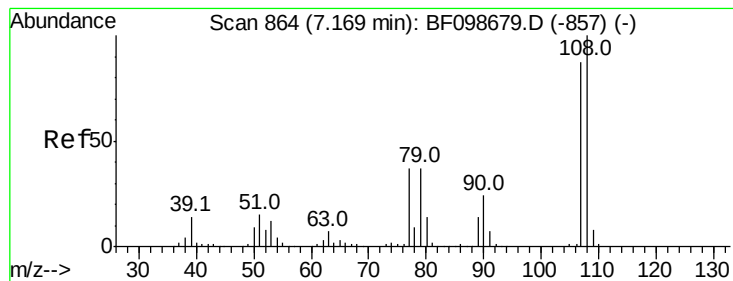
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.9

79 9.8 0.0 29.6





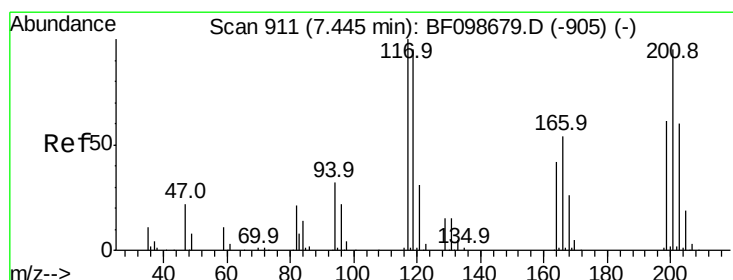
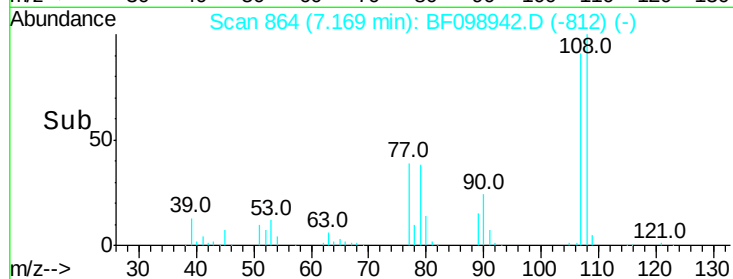
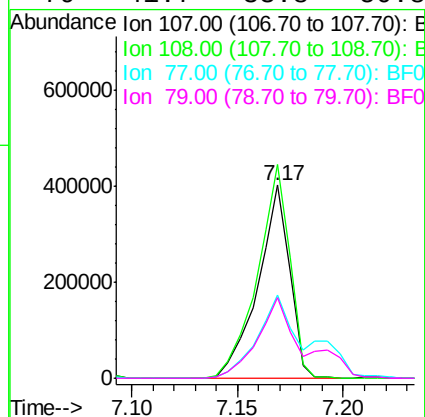
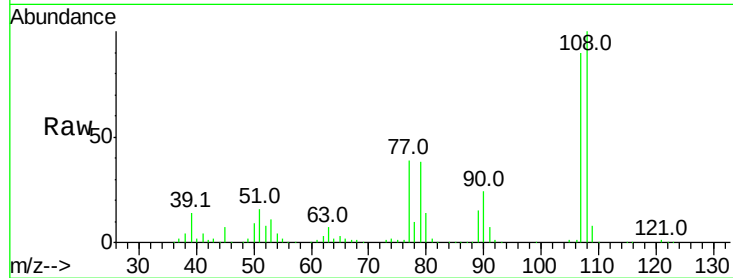
#17
2-Methylphenol
Concen: 50.331 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion:	107	Resp:	420533
Ion Ratio	Lower	Upper	
107	100		
108	110.7	91.7	137.5
77	43.3	33.8	50.8
79	41.7	33.8	50.8

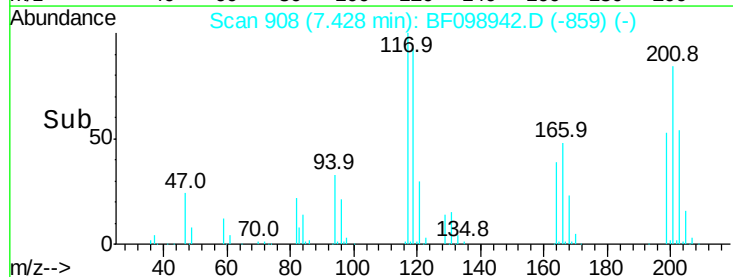
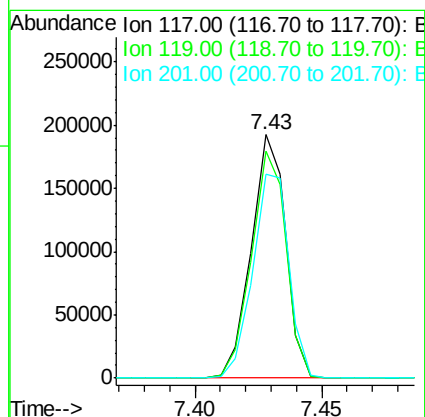
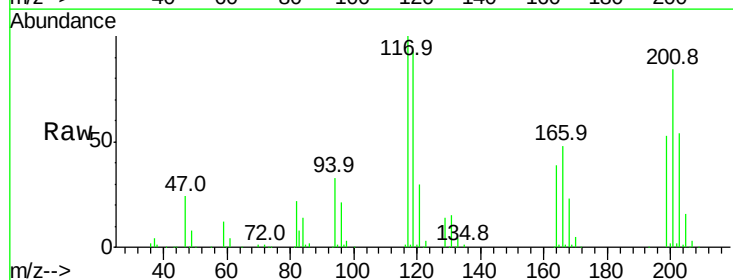
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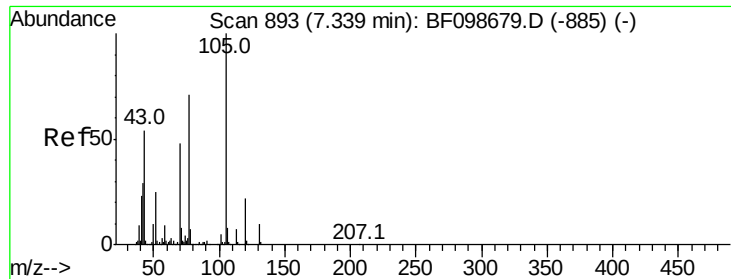
Sohil
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#18
Hexachloroethane
Concen: 46.350 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion:	117	Resp:	181275
Ion Ratio	Lower	Upper	
117	100		
119	93.5	75.8	113.8
201	83.6	75.7	113.5





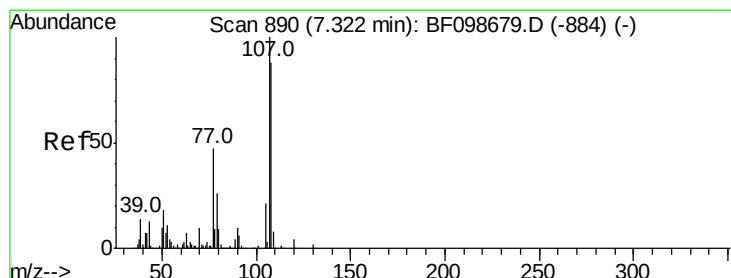
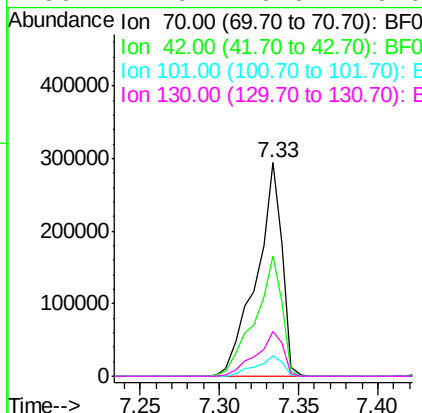
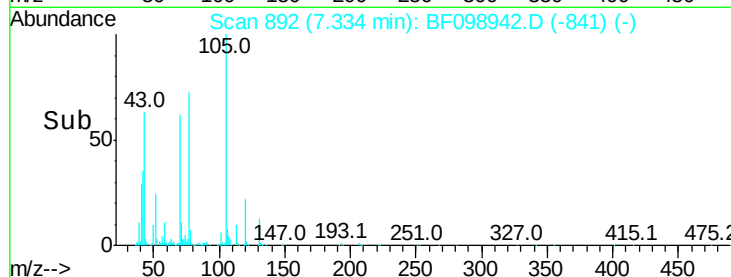
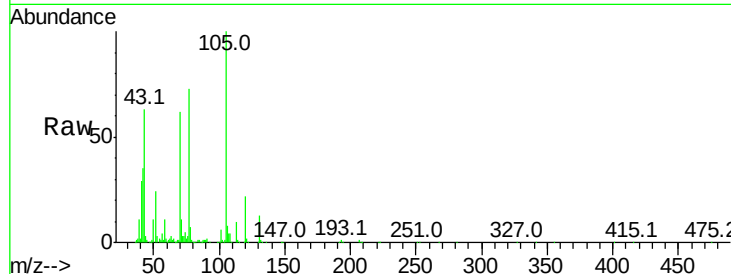
#19
n-Nitroso-di-n-propylamine
Concen: 46.984 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	47.5	71.3	
101	9.5	7.4	11.2	
130	21.0	16.6	25.0	

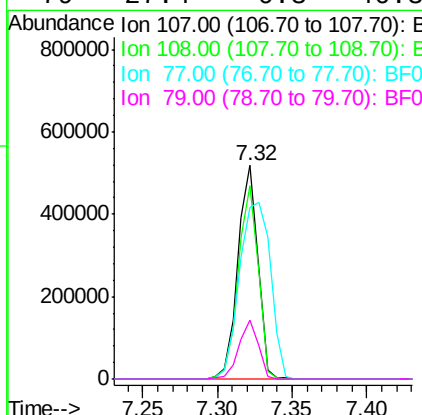
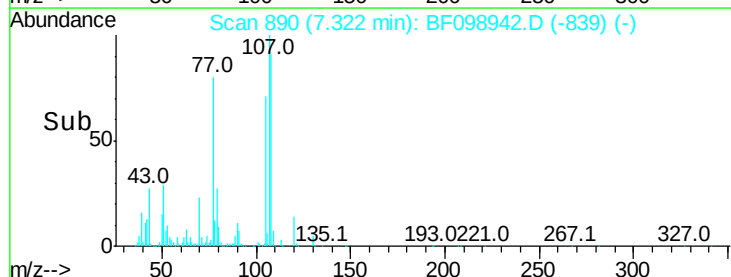
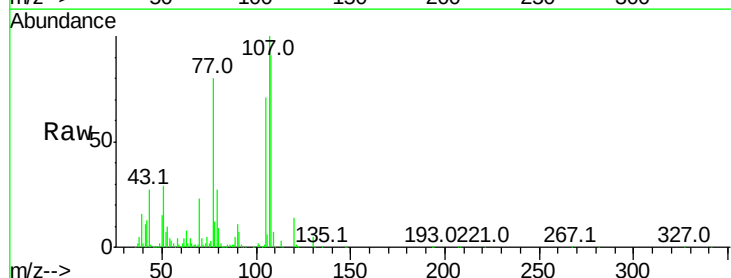
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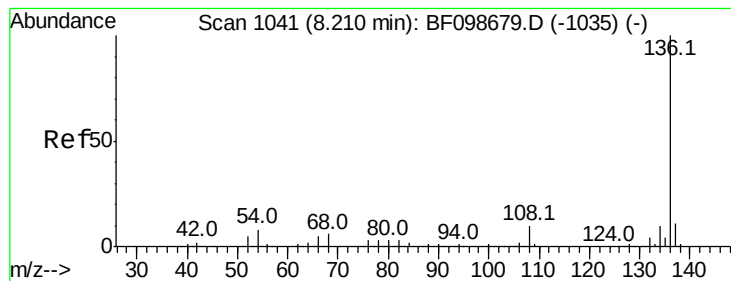
Sohil
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#20
3+4-Methylphenols
Concen: 46.288 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.2	108.2	
77	80.0	26.7	66.7#	
79	27.4	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

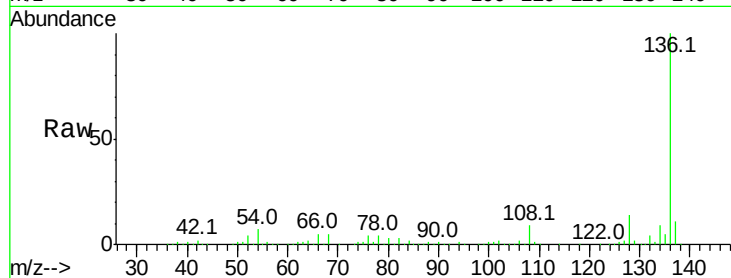
ClientSampleId :

PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	602171		
137	10.7		8.9	13.3
54	7.1		6.6	9.8
68	5.4		5.0	7.4

Manual Integrations
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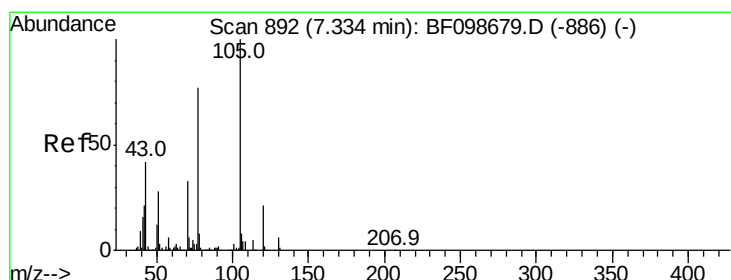
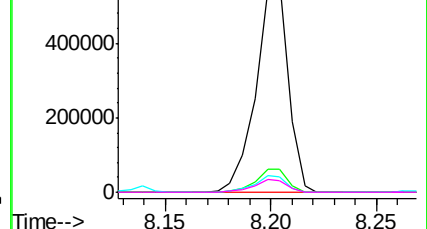
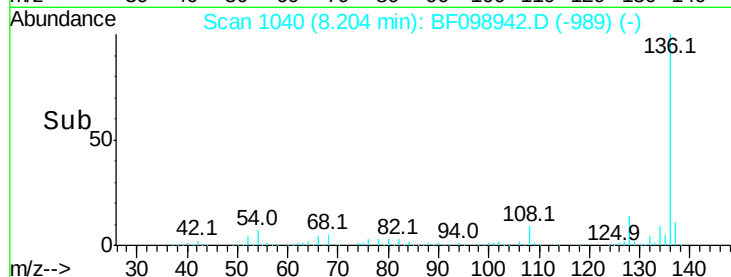


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.126 ng

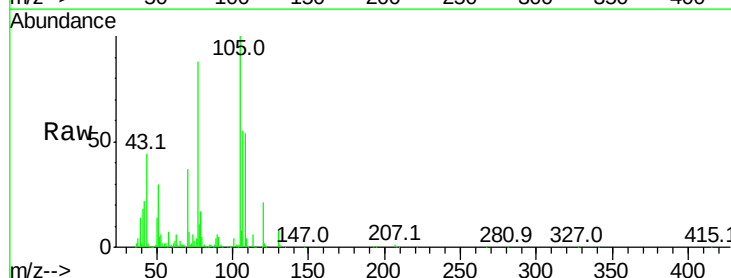
RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	658372		
71	6.6		4.4	6.6
51	30.0		22.3	33.5
120	21.3		16.9	25.3

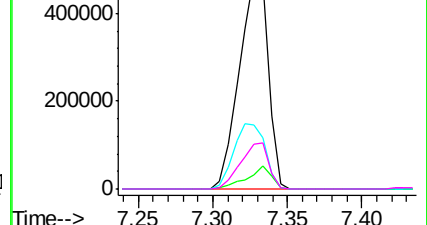
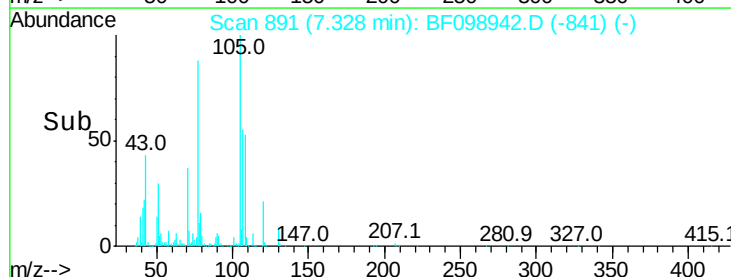


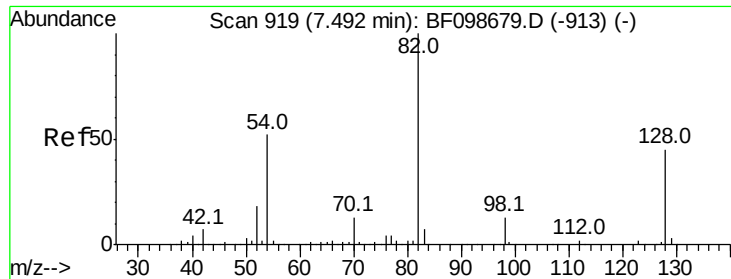
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





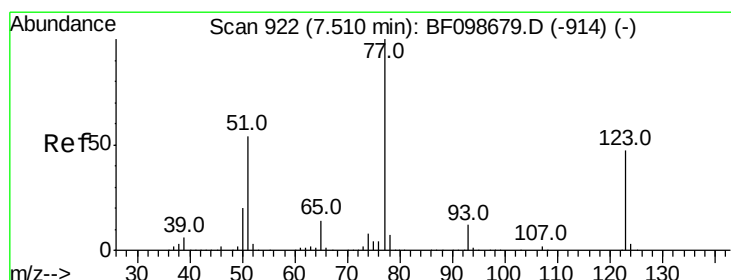
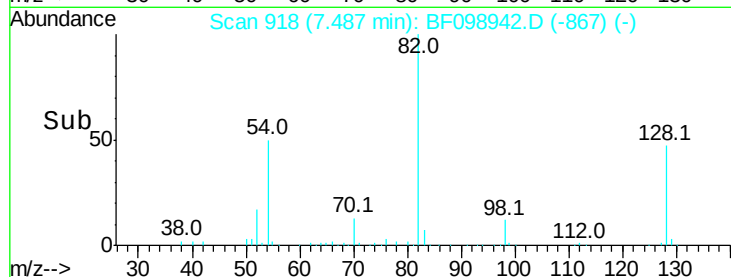
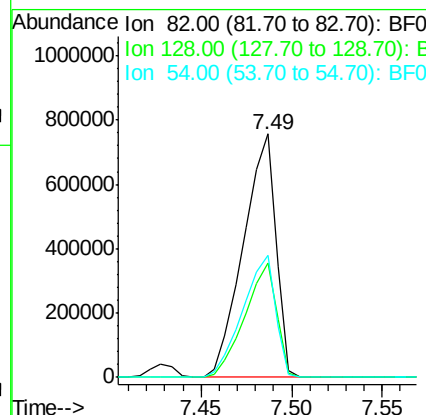
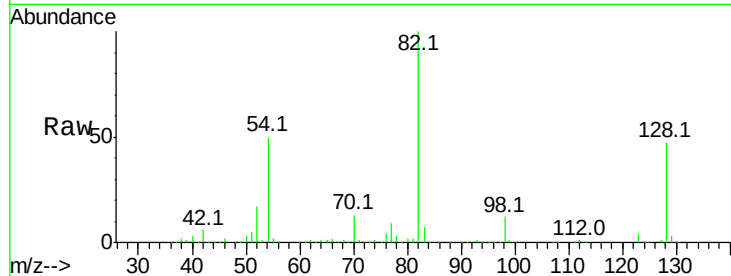
#23
 Nitrobenzene-d5
 Concen: 100.714 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	50.0	41.4	62.2

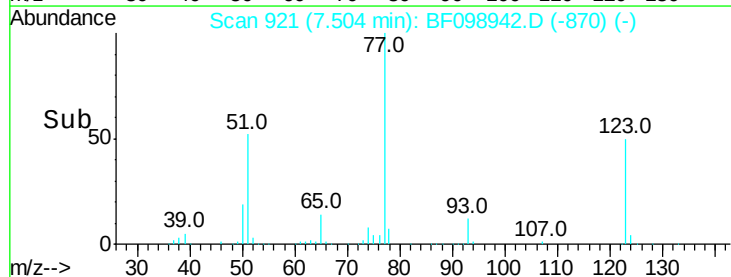
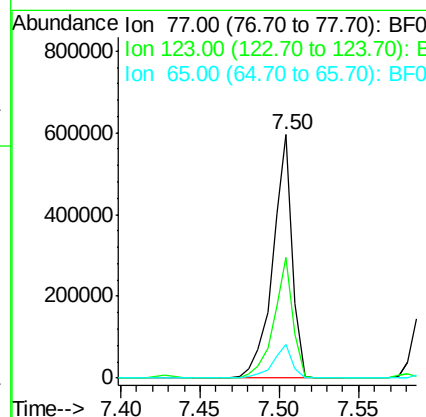
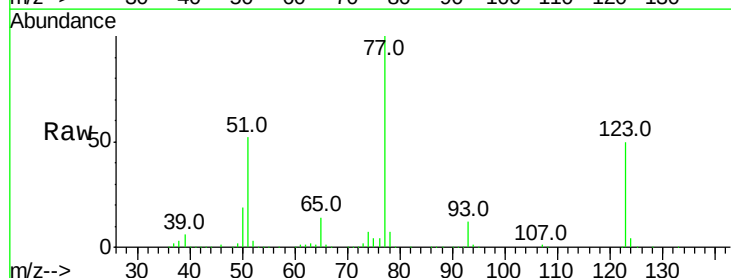
Manual Integrations
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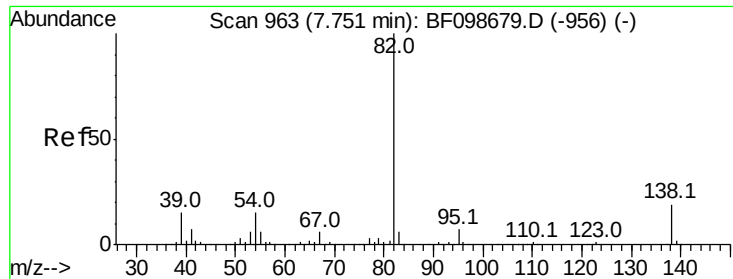
Sohil
 10/2/2017 5:38:41 PM



#24
 Nitrobenzene
 Concen: 47.819 ng
 RT: 7.50 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 50.319 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

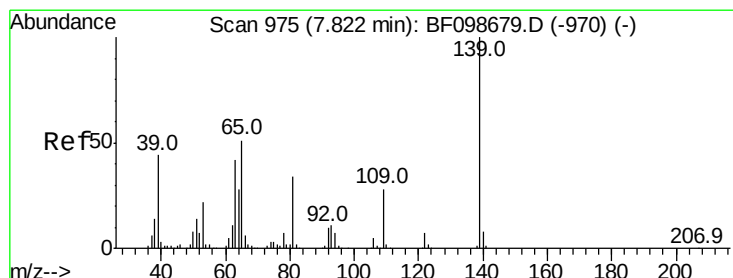
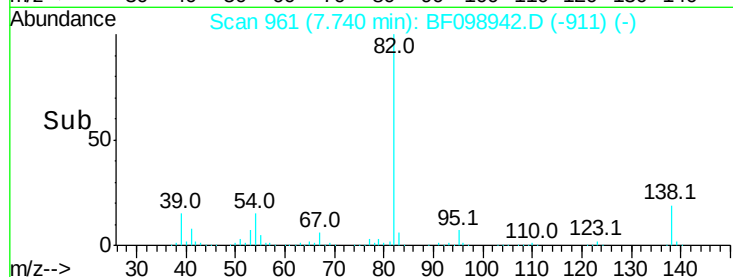
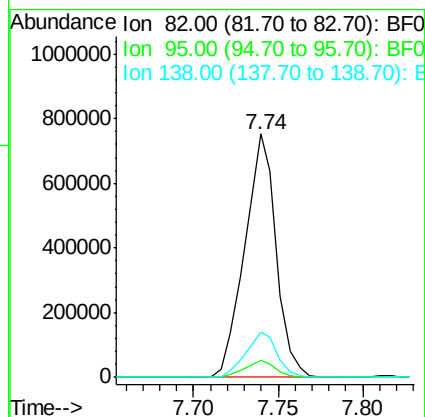
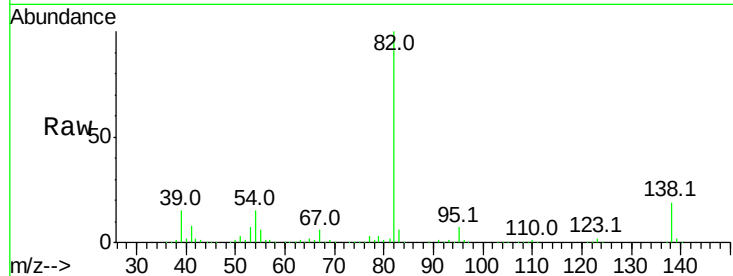
ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:	82	Resp:	976862
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.069 ng

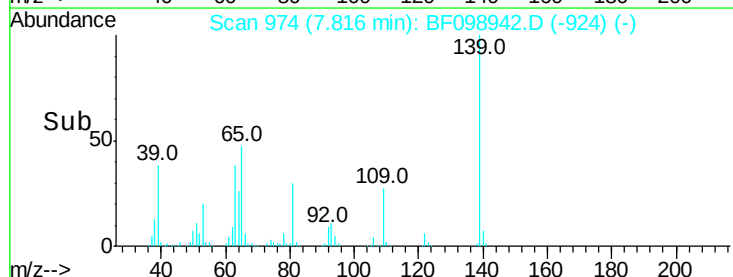
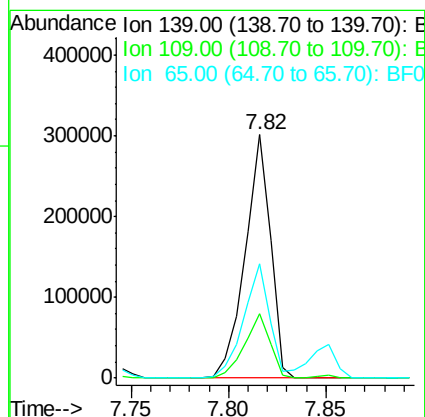
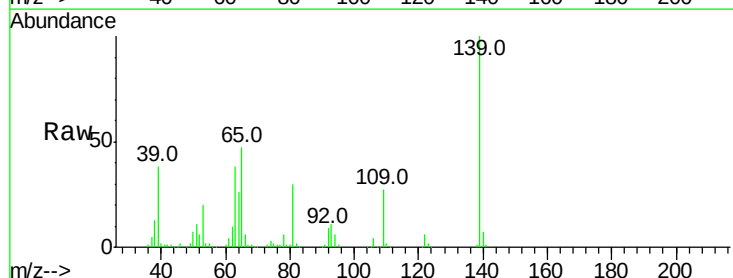
RT: 7.82 min Scan# 974

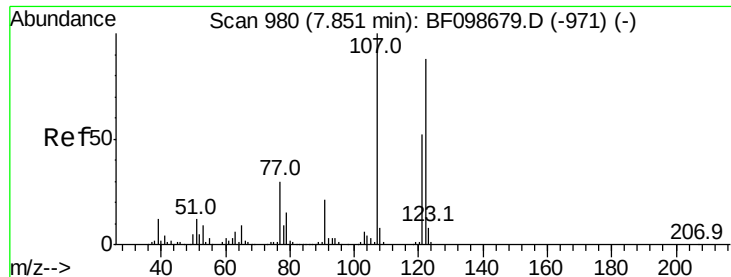
Delta R.T. -0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Tgt Ion:	139	Resp:	271823
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.7	34.1
65	47.2	40.5	60.7





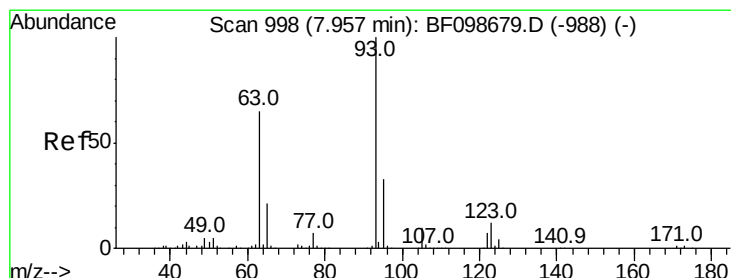
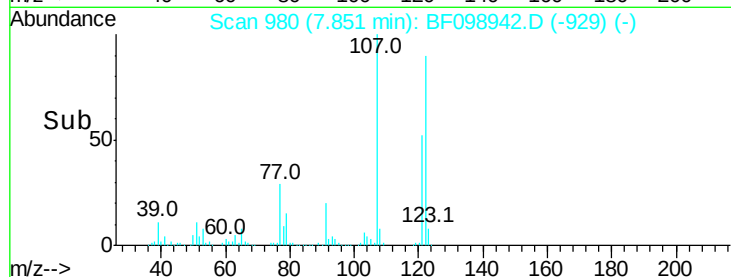
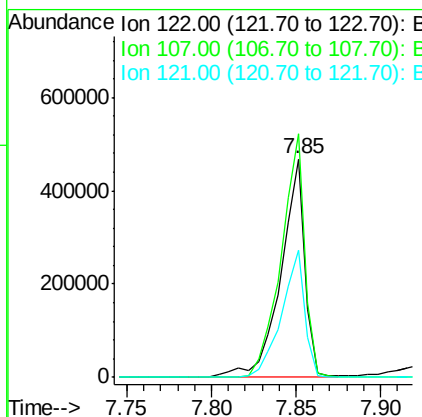
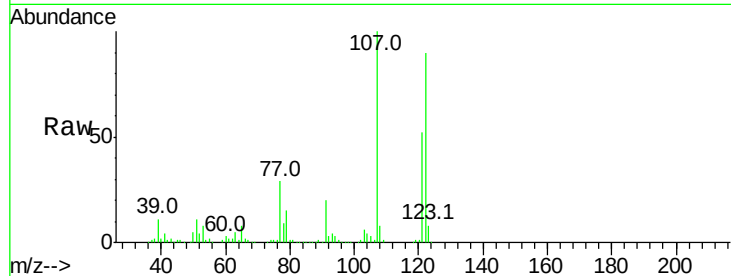
#27
 2,4-Dimethylphenol
 Concen: 48.110 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	91.2	136.8
121	58.5	47.2	70.8

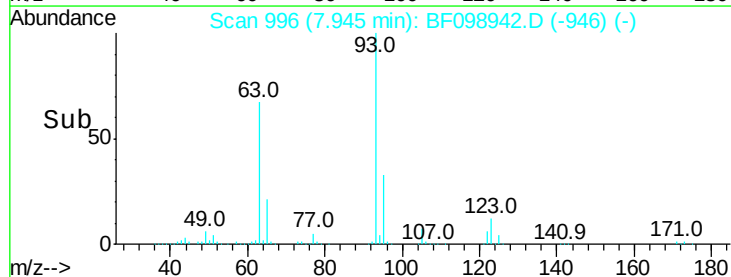
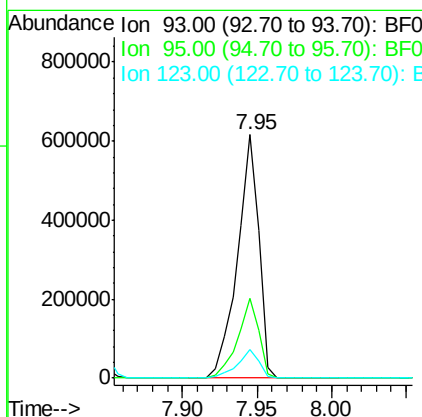
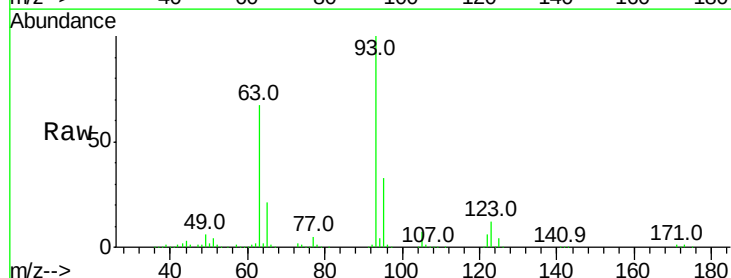
Manual Integrations
 APPROVED

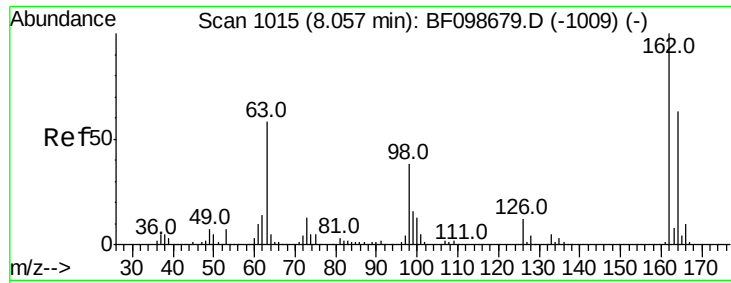
Sohil
 10/2/2017 5:38:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.746 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.7	9.8	14.6





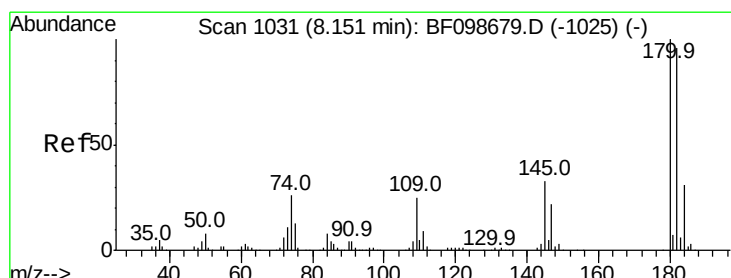
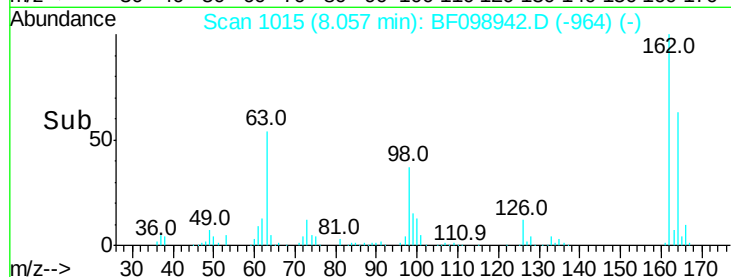
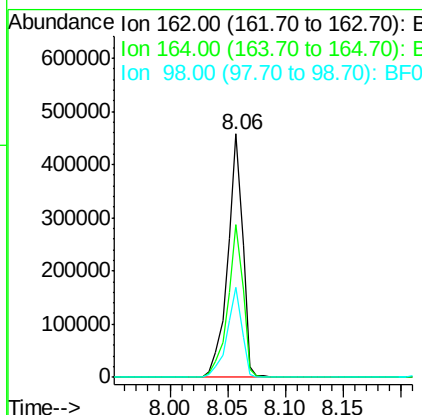
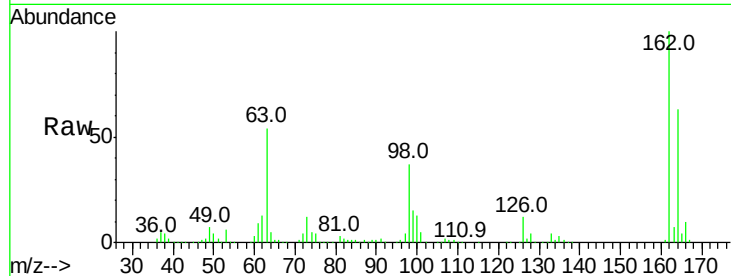
#29
 2,4-Dichlorophenol
 Concen: 49.517 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	411240		
164	62.8		42.7	82.7
98	37.2		18.1	58.1

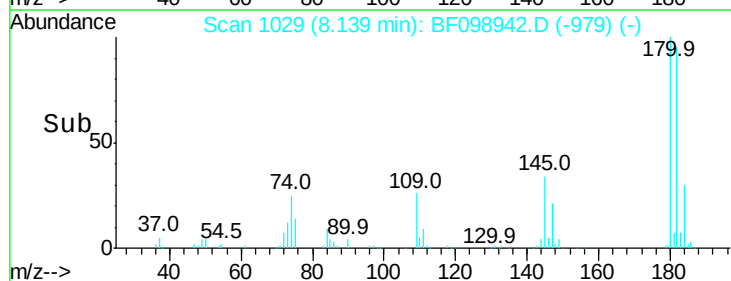
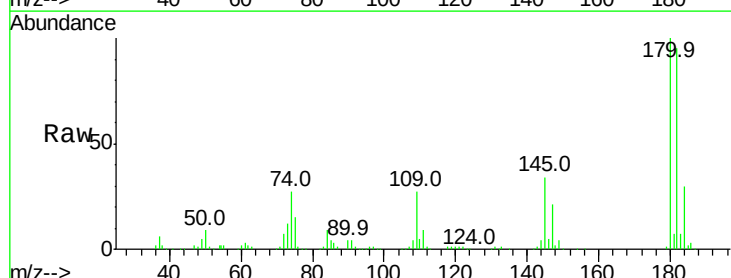
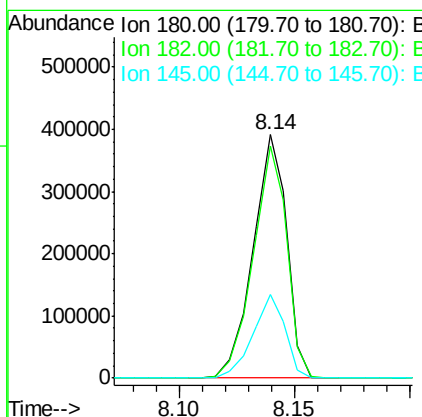
Manual Integrations
 APPROVED

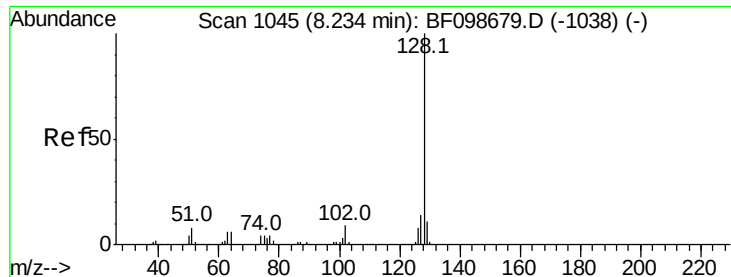
Sohil
 10/2/2017 5:38:41 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.881 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	397722		
182	95.4		76.8	115.2
145	34.2		26.5	39.7





#31

Naphthalene

Concen: 47.512 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:128 Resp: 1343727

Ion Ratio Lower Upper

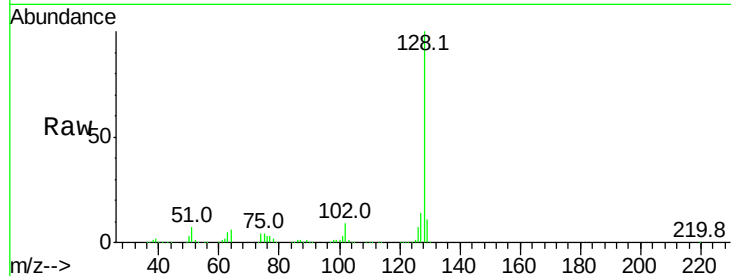
128 100

129 10.9 8.8 13.2

127 13.7 10.9 16.3

Manual Integrations
APPROVED

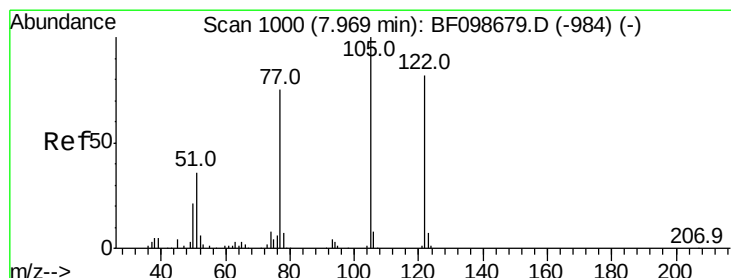
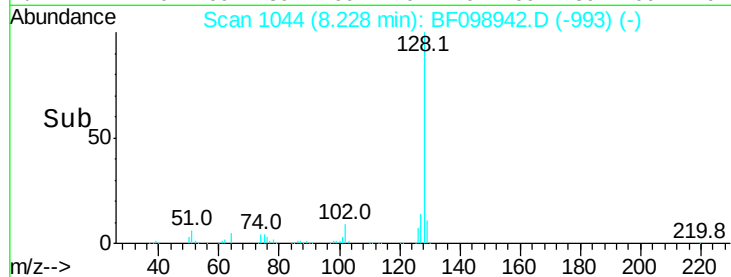
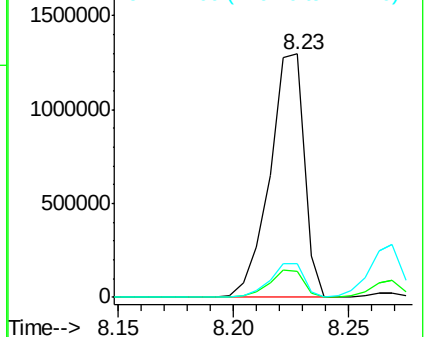
Sohil
10/2/2017 5:38:41 PM



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: 9.726 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.03 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

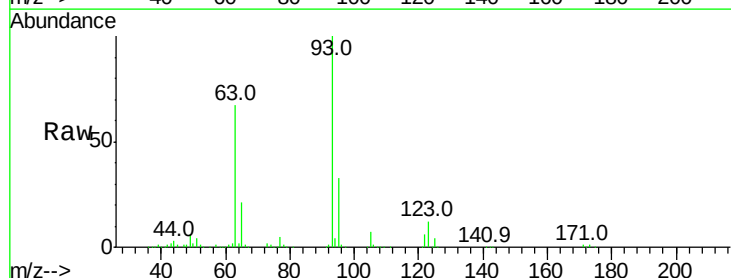
Tgt Ion:122 Resp: 77283

Ion Ratio Lower Upper

122 100

105 121.0 101.1 141.1

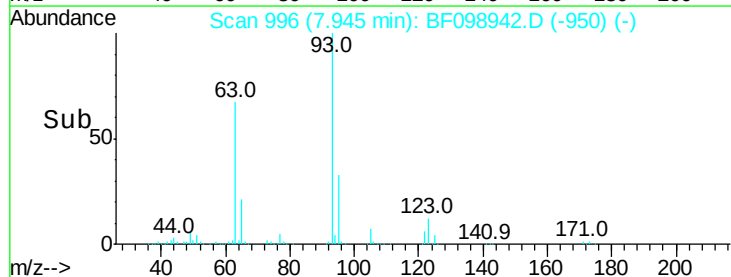
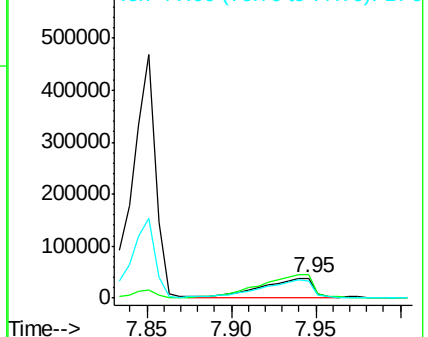
77 86.3 70.7 110.7

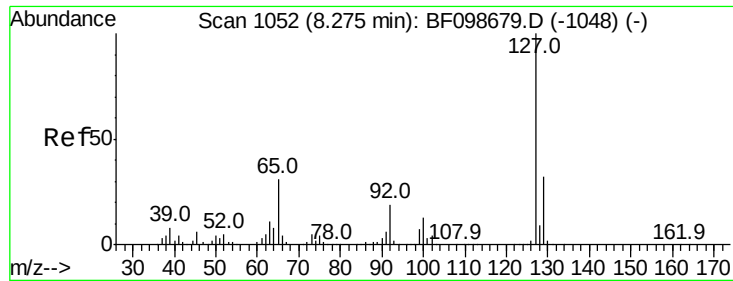


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





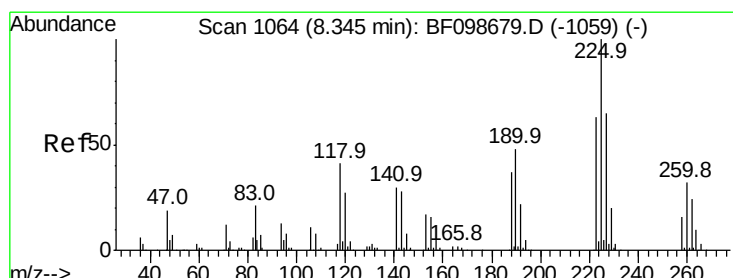
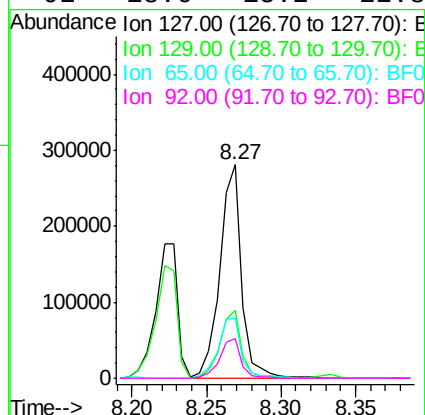
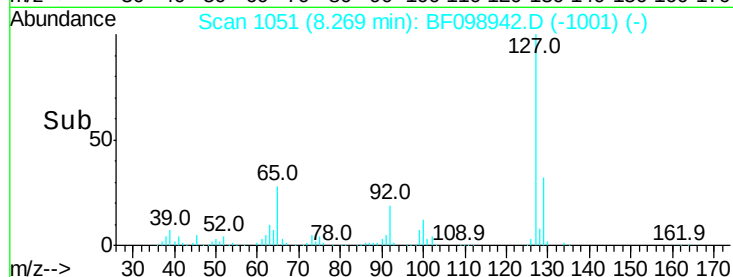
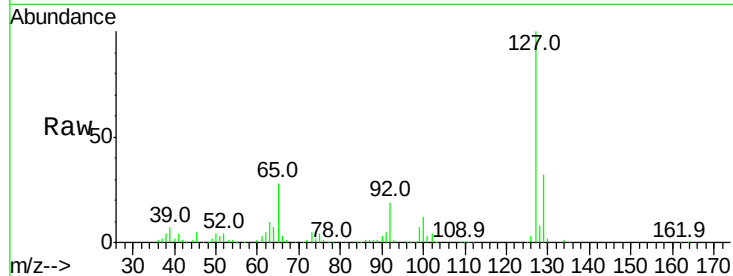
#33
4-Chloroaniline
Concen: 24.249 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.9	38.9		
65	28.2	25.0	37.4		
92	18.6	15.2	22.8		

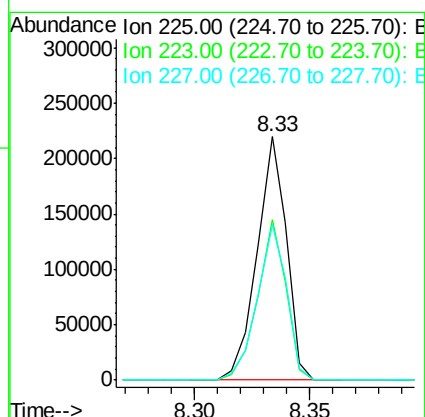
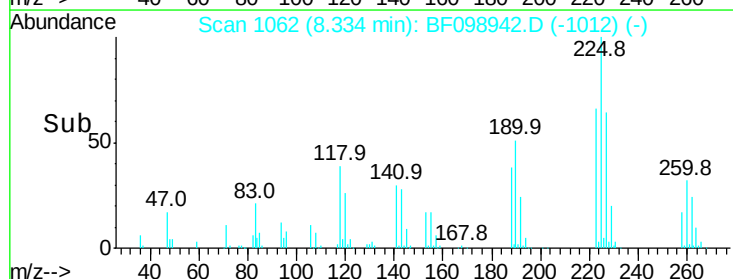
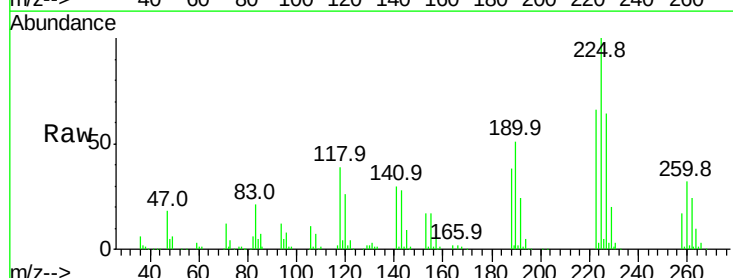
Manual Integrations
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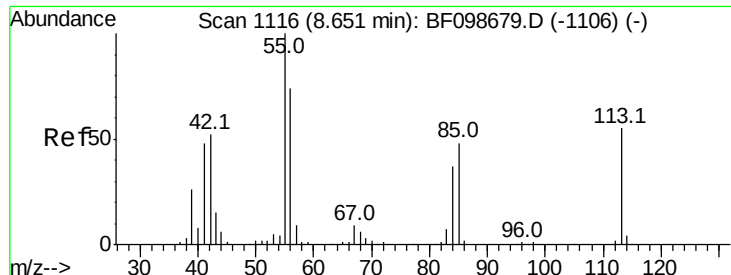
Sohil
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#34
Hexachlorobutadiene
Concen: 45.661 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.7	50.6	76.0		
227	63.5	51.9	77.9		





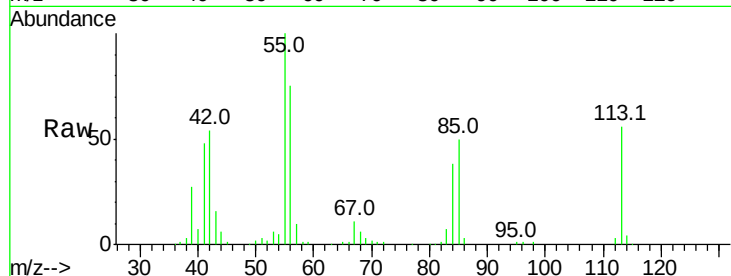
#35
 Caprolactam
 Concen: 49.122 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	177.6	163.3	203.3
56	133.7	115.7	155.7

Manual Integrations
 APPROVED

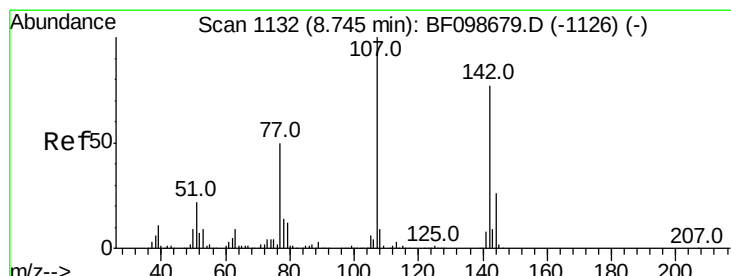
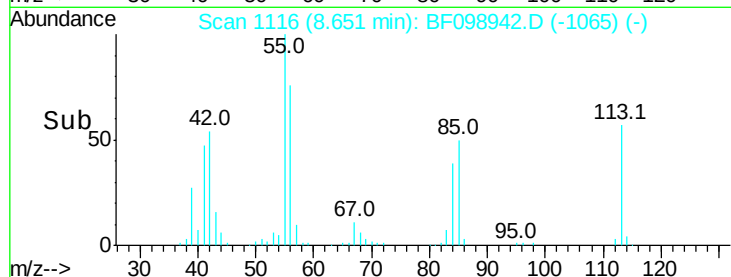
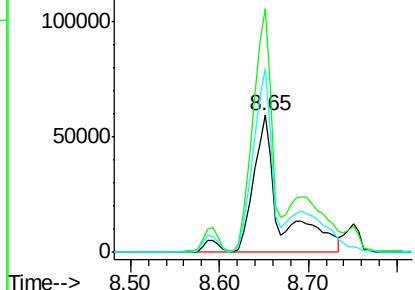
Sohil
 10/2/2017 5:38:41 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



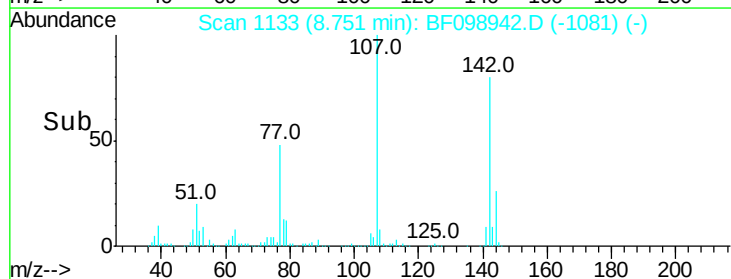
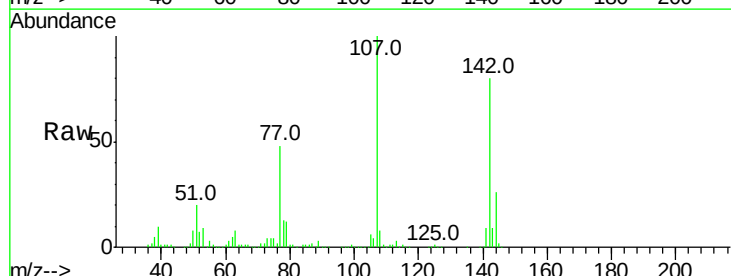
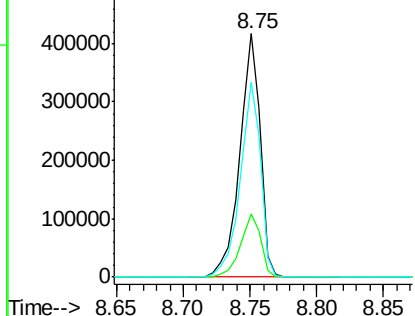
#36
 4-Chloro-3-methylphenol
 Concen: 47.359 ng/ml
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

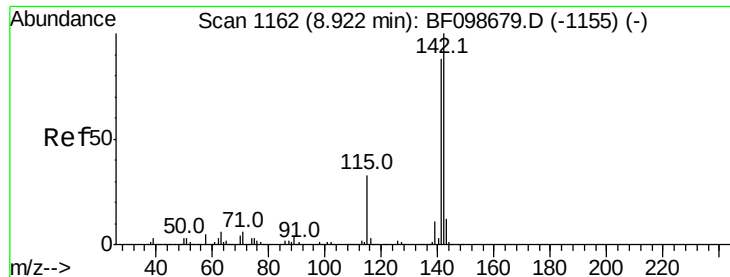
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	79.9	62.0	93.0

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





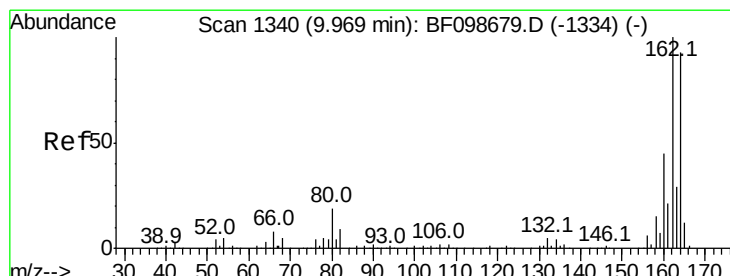
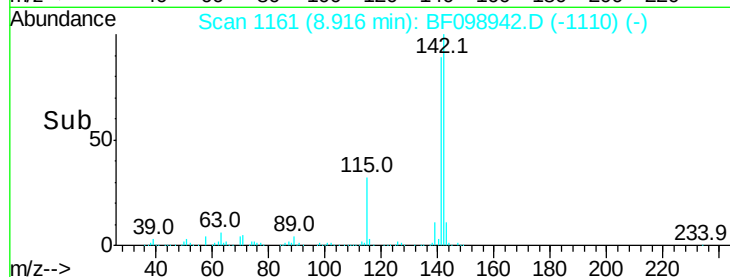
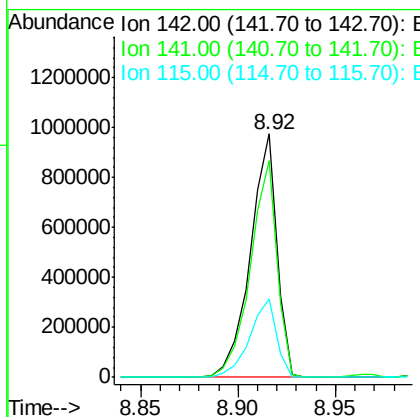
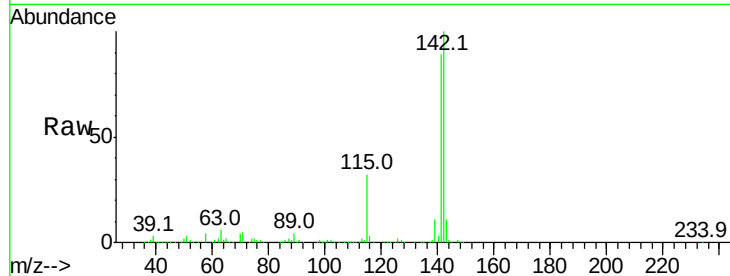
#37
2-Methylnaphthalene
Concen: 50.082 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.1	26.1	39.1

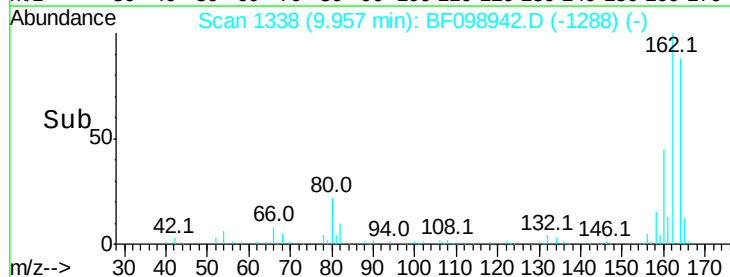
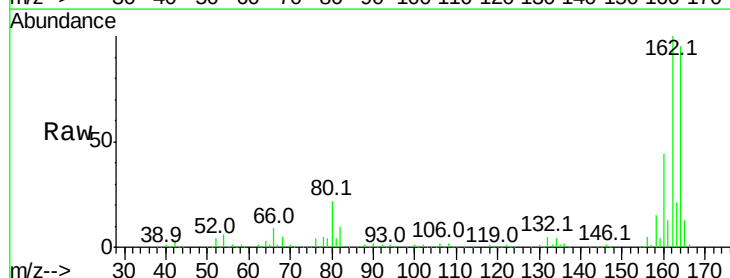
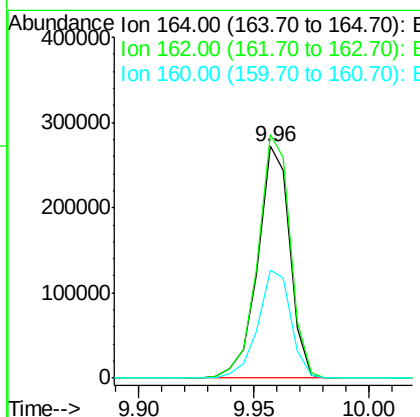
Manual Integrations
APPROVED

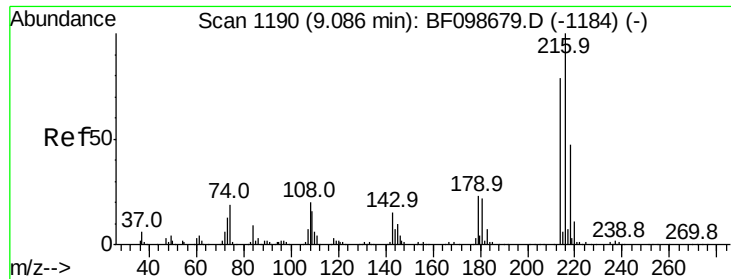
Sohil
10/2/2017 5:38:41 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.7	38.3	57.5





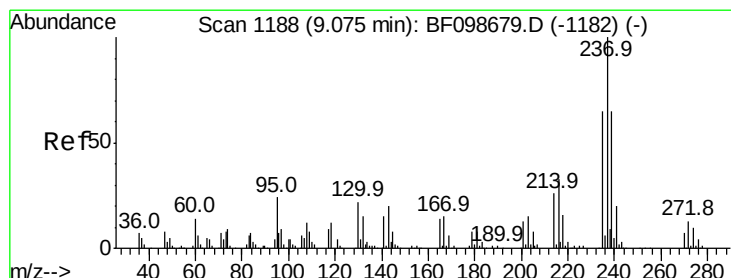
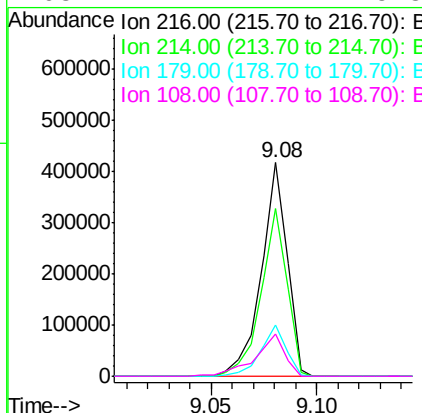
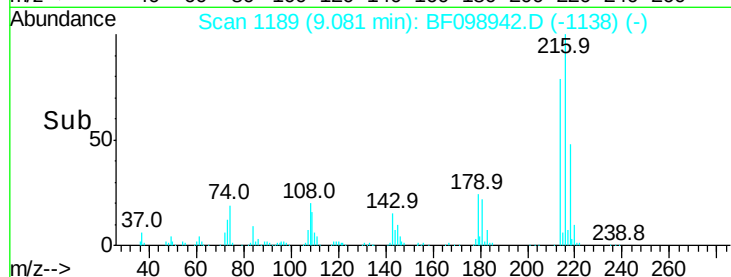
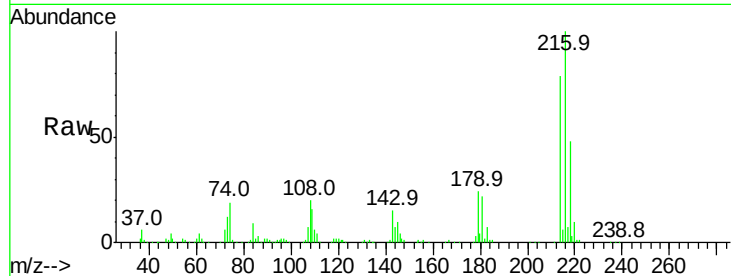
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.179 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.0	94.4	
179	23.4	18.1	27.1	
108	22.7	17.2	25.8	

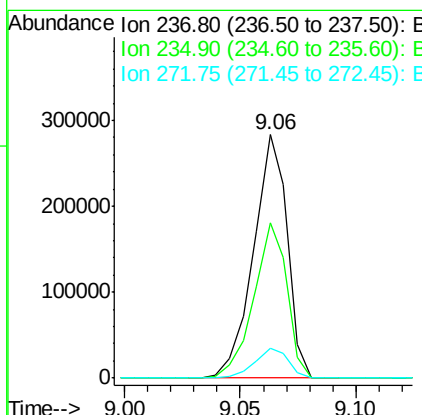
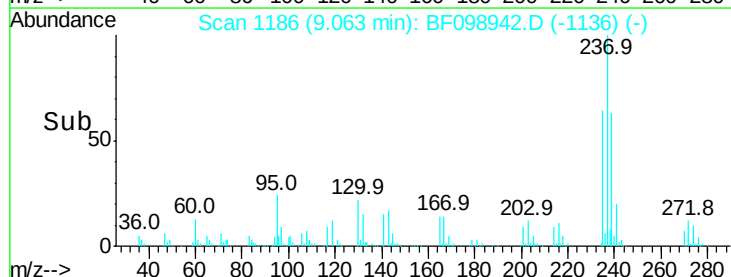
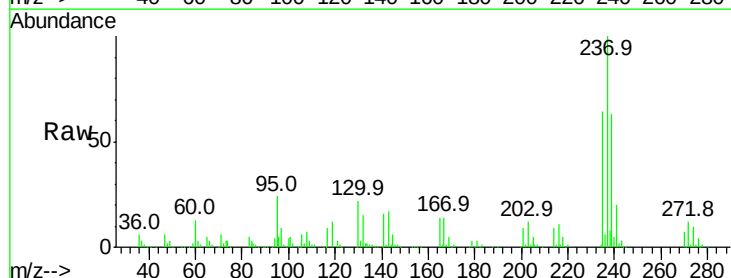
Manual Integrations
 APPROVED

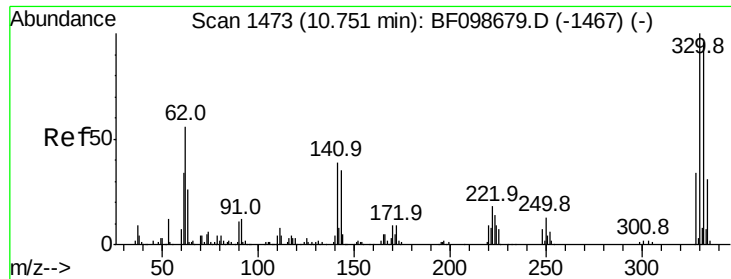
Sohil
 10/2/2017 5:38:41 PM



#40
 Hexachlorocyclopentadiene
 Concen: 80.343 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.8	44.8	84.8	
272	12.4	0.0	33.3	





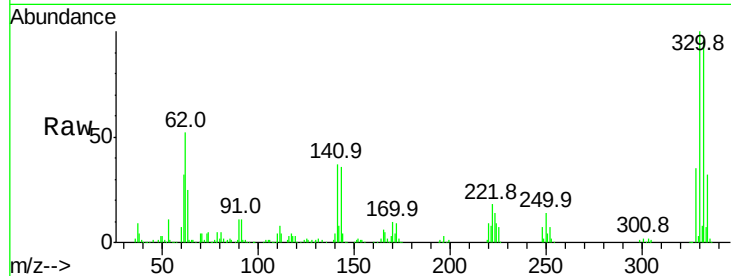
#41
 2,4,6-Tribromophenol
 Concen: 136.271 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

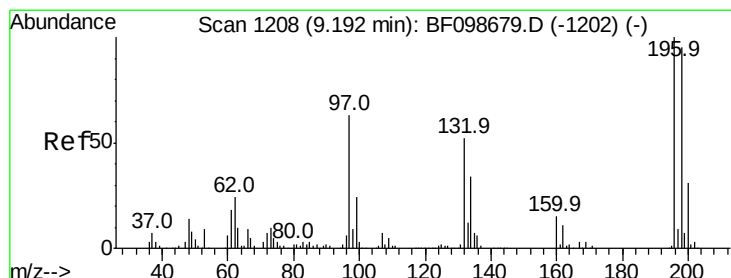
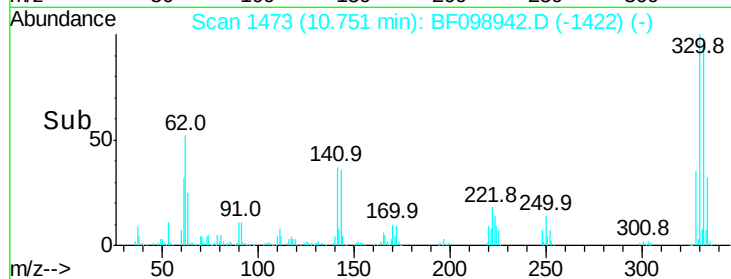
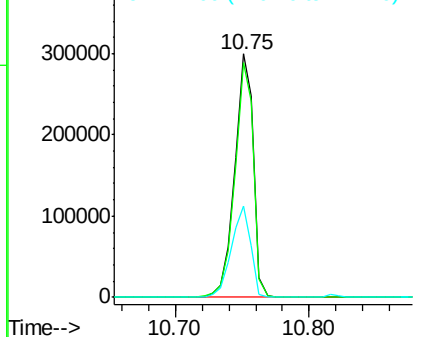
Tot Ion	Ratio	Resp	Lower	Upper
330	100	293738		
332	96.5	77.0	115.6	
141	39.3	29.9	44.9	

Manual Integrations
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 10/2/2017 5:38:41 PM



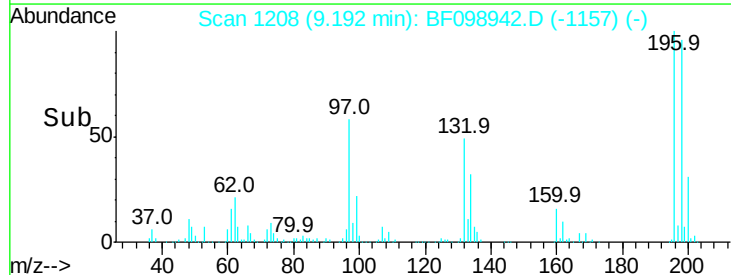
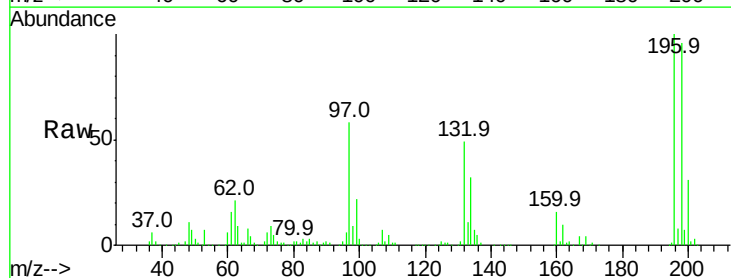
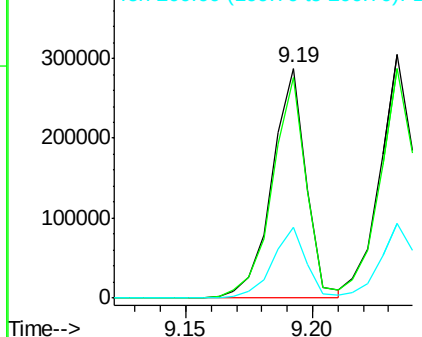
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

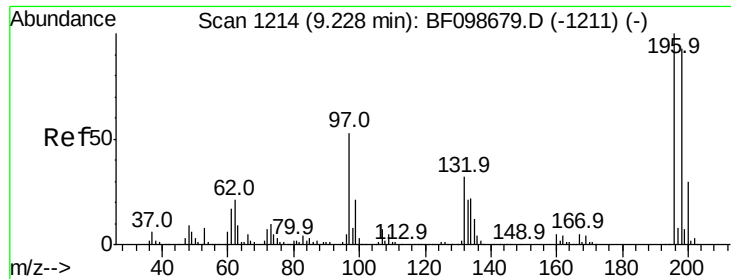


#42
 2,4,6-Trichlorophenol
 Concen: 48.841 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	271827		
198	96.0	75.7	113.5	
200	31.0	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





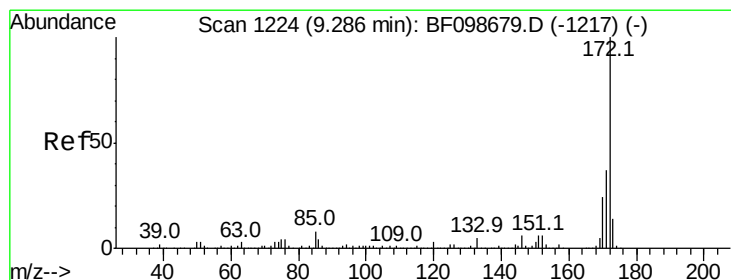
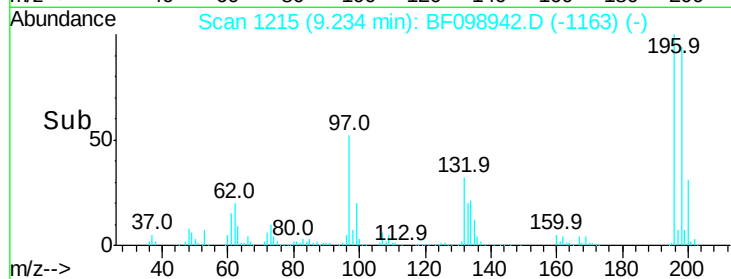
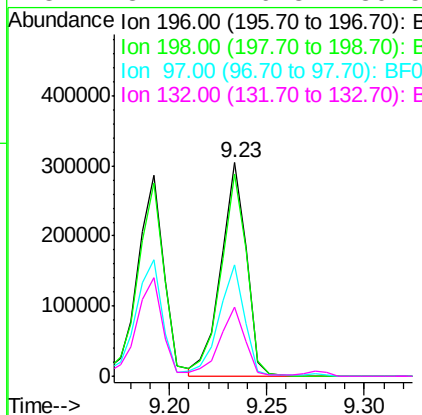
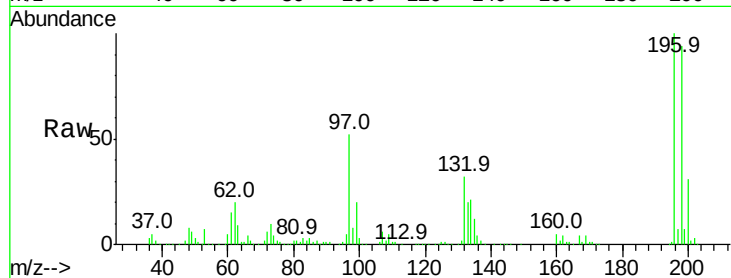
#43
 2,4,5-Trichlorophenol
 Concen: 49.505 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	196	Resp	275038
Ion Ratio	Lower	Upper	
196	100		
198	94.4	74.6	112.0
97	52.0	42.9	64.3
132	32.2	26.3	39.5

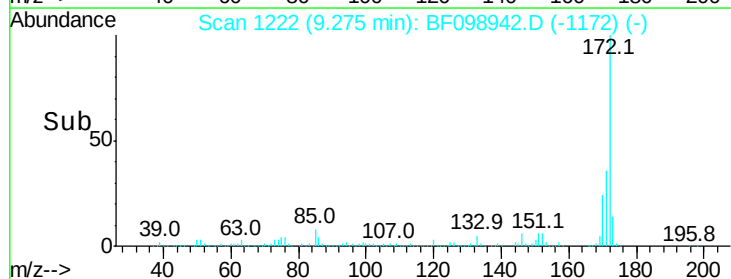
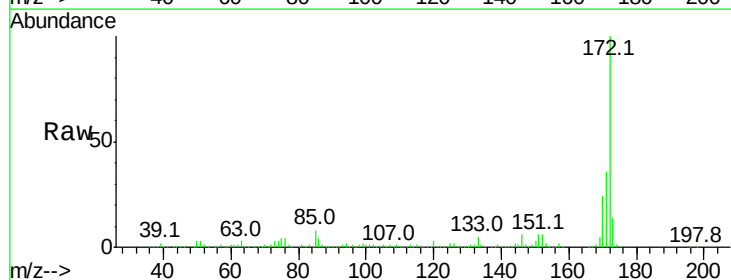
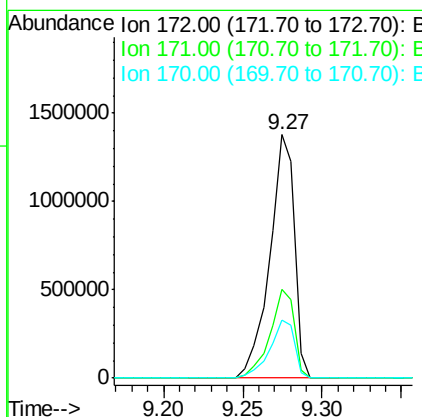
Manual Integrations
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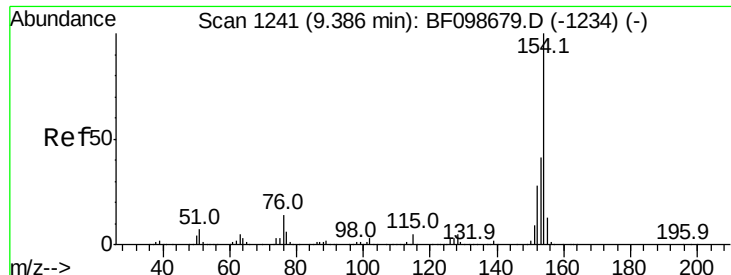
Sohil
 10/2/2017 5:38:41 PM



#44
 2-Fluorobiphenyl
 Concen: 94.757 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	172	Resp	1495222
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4





#45

1,1'-Biphenyl

Concen: 45.940 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:154 Resp: 1040071

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

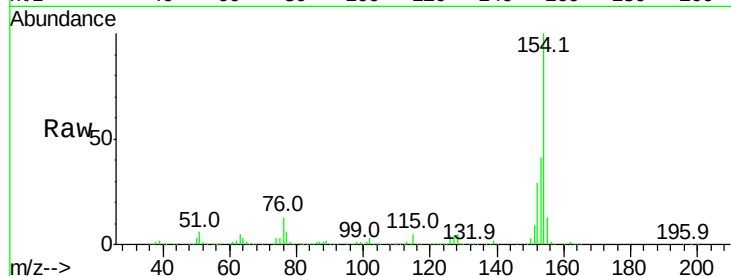
76 12.8 0.0 34.0

Manual Integrations

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Sohil

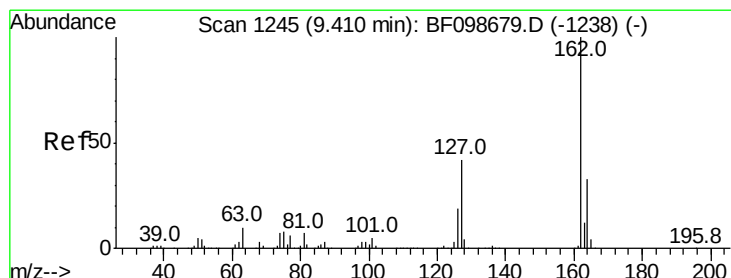
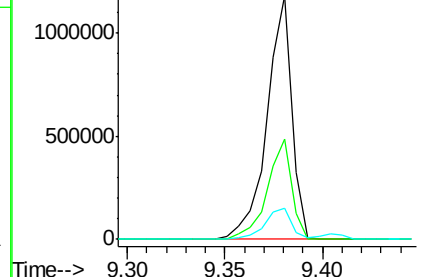
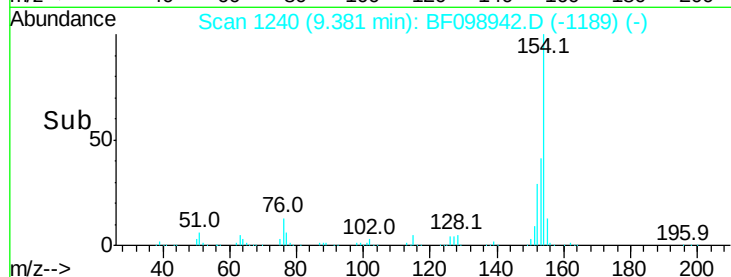
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.174 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

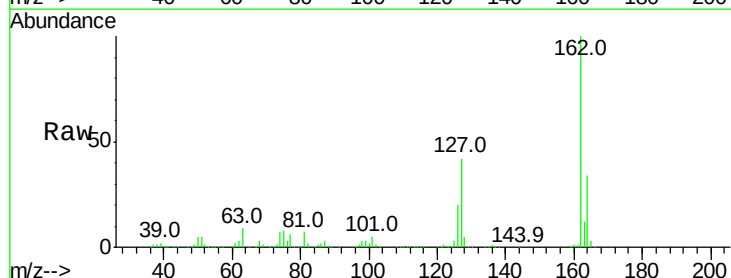
Tgt Ion:162 Resp: 818890

Ion Ratio Lower Upper

162 100

127 41.6 33.9 50.9

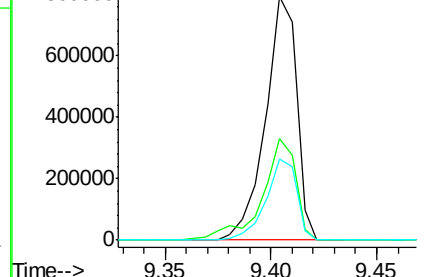
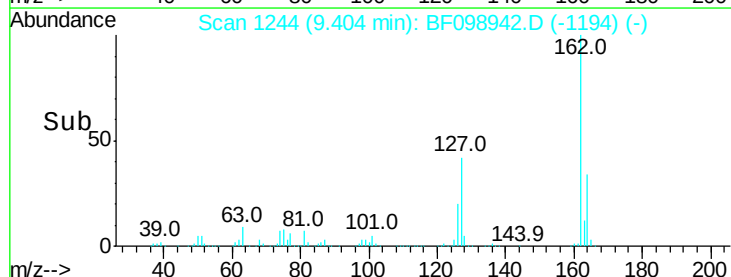
164 33.5 26.5 39.7

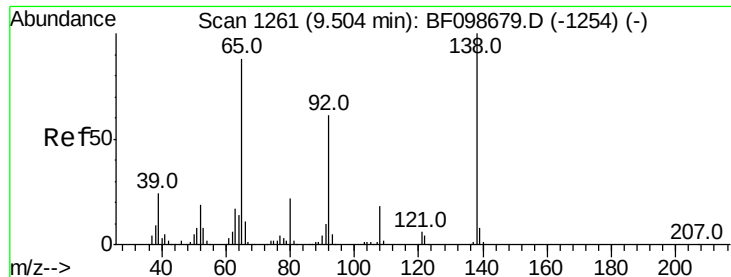


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





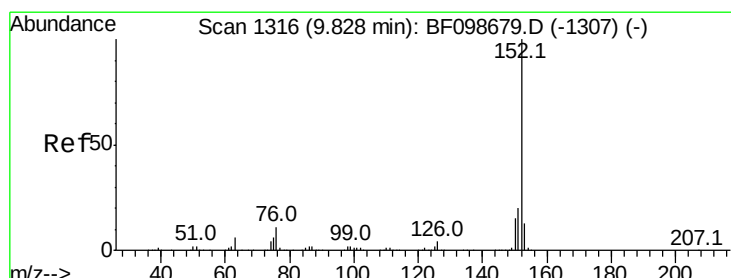
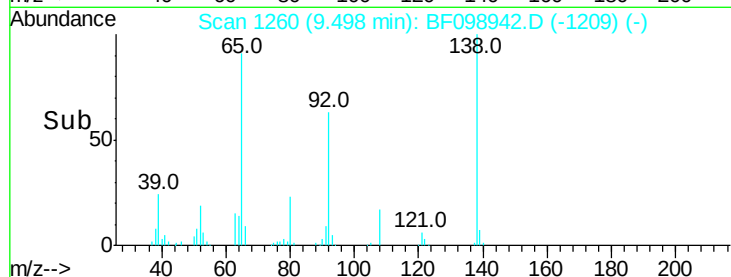
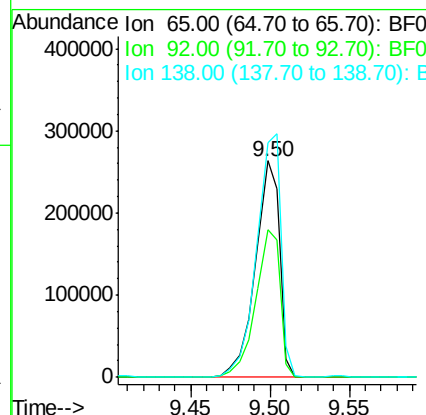
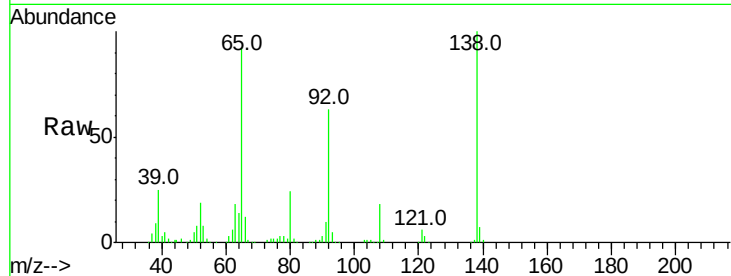
#47
2-Nitroaniline
Concen: 53.517 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.0	55.8	83.6
138	108.7	91.2	136.8

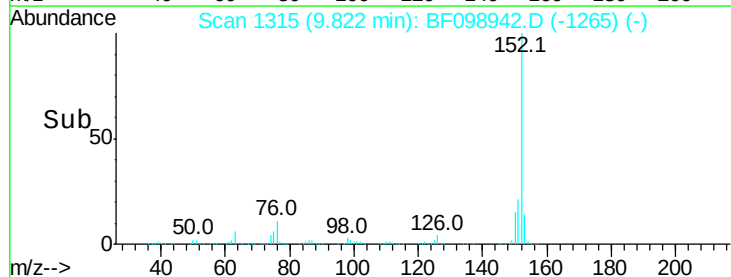
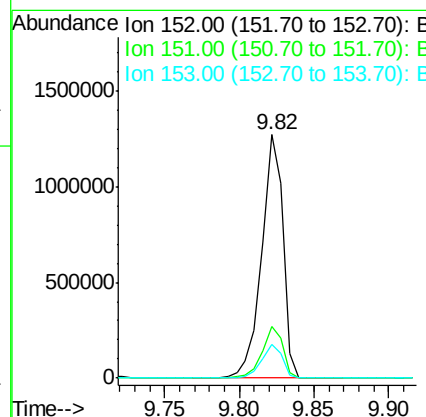
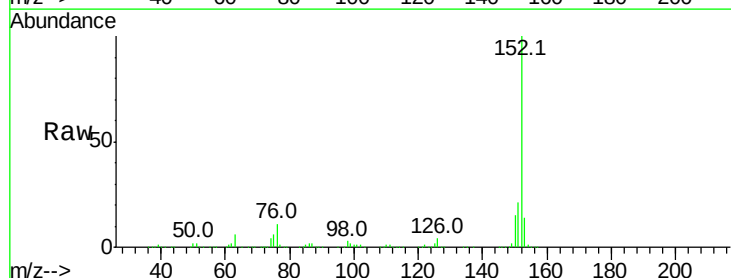
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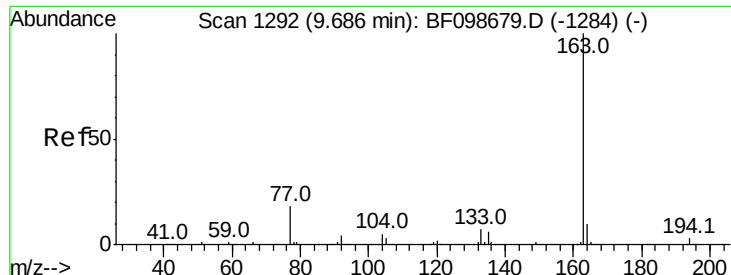
Sohil
10/2/2017 5:38:41 PM



#48
Acenaphthylene
Concen: 47.688 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.6	10.7	16.1





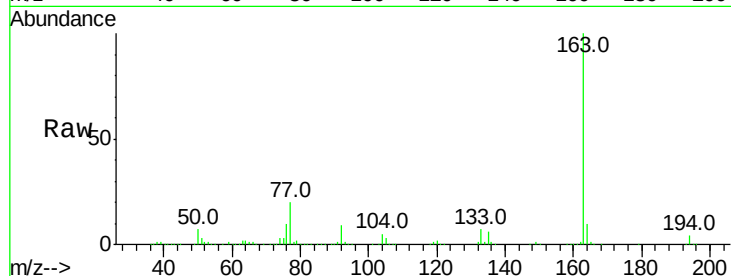
#49
Dimethylphthalate
Concen: 62.101 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

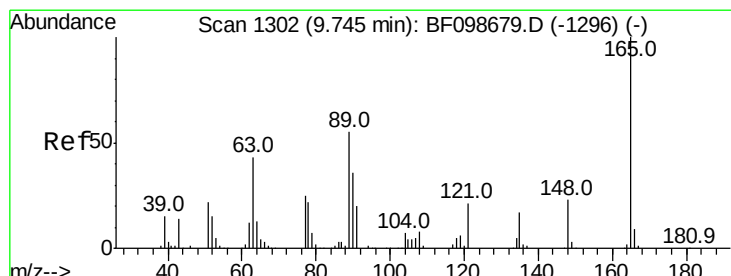
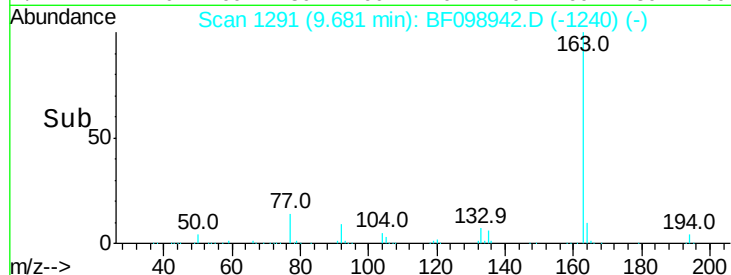
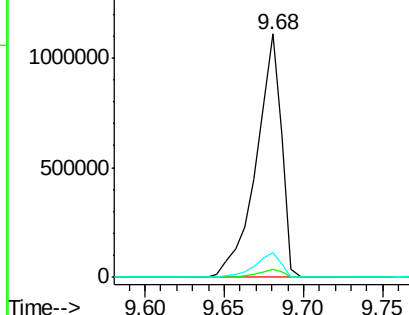
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.4	8.2	12.2

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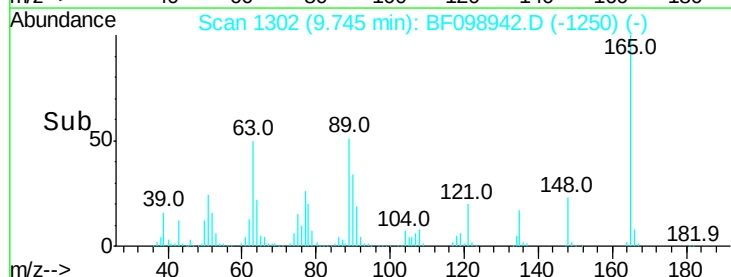
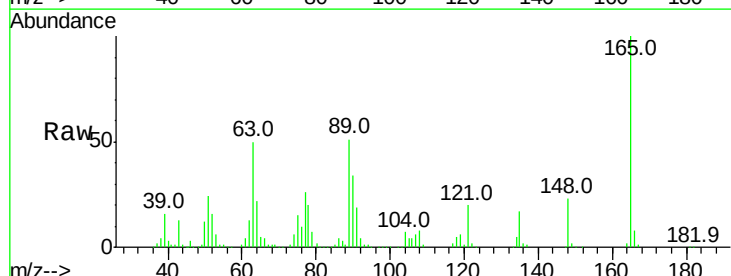
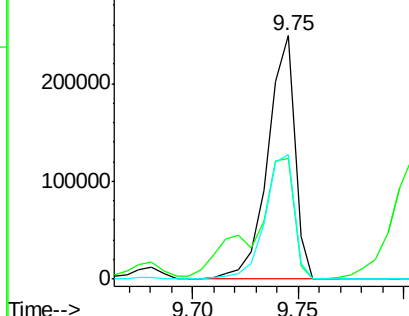
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

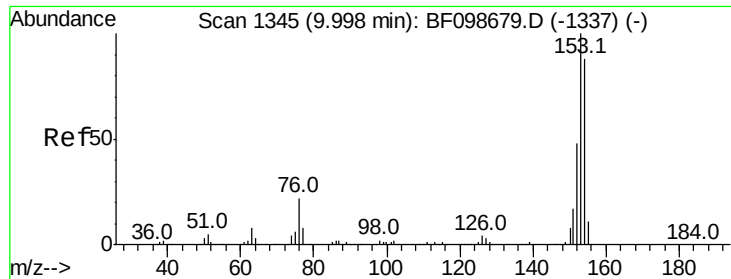


#50
2,6-Dinitrotoluene
Concen: 51.421 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.5	44.7	67.1
89	51.1	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.079 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

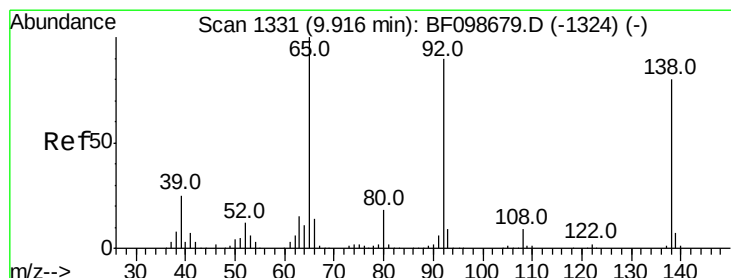
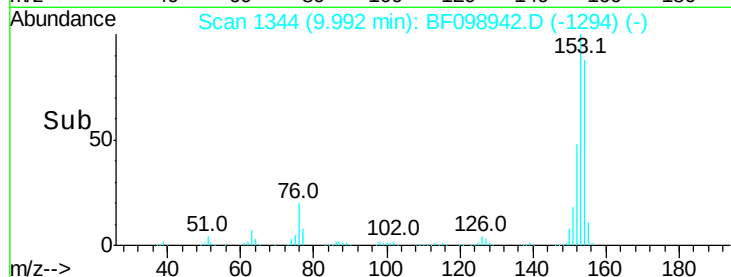
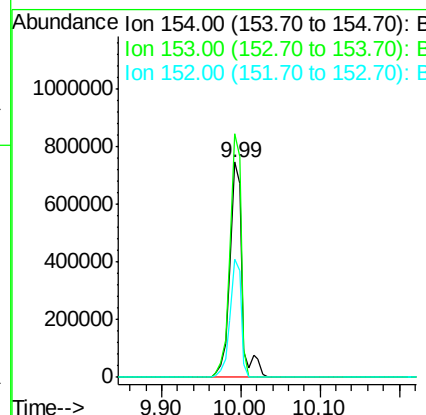
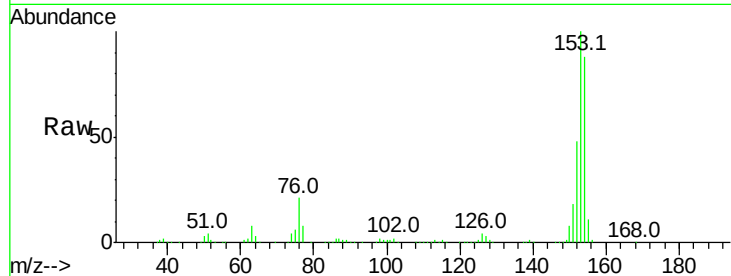
ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:	154	Resp:	792514
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.2	136.8
152	54.8	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 31.577 ng

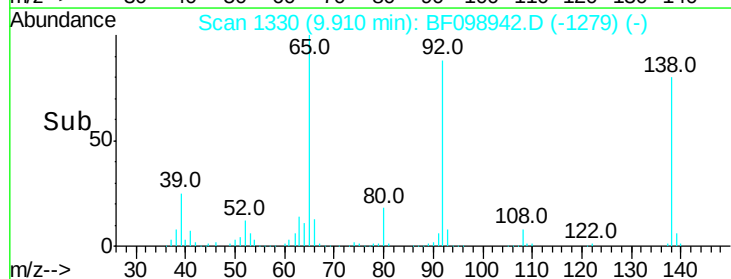
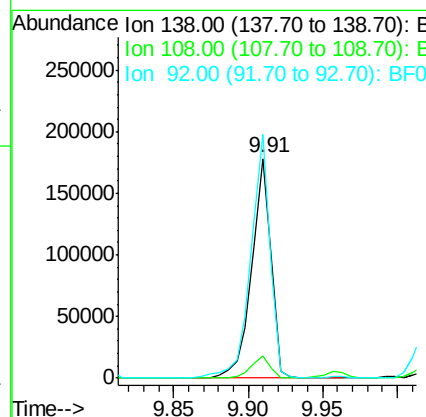
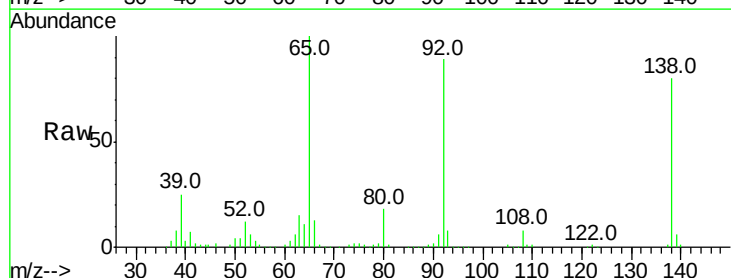
RT: 9.91 min Scan# 1330

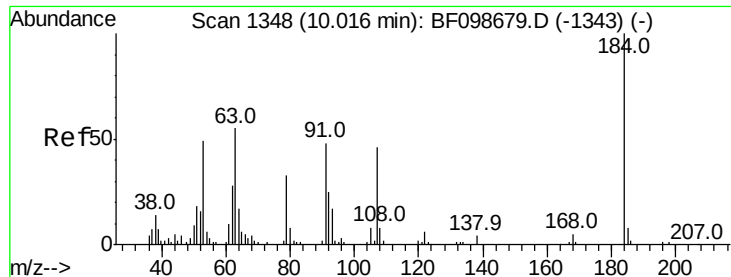
Delta R.T. 0.00 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Tgt Ion:	138	Resp:	159368
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	110.8	89.4	134.2





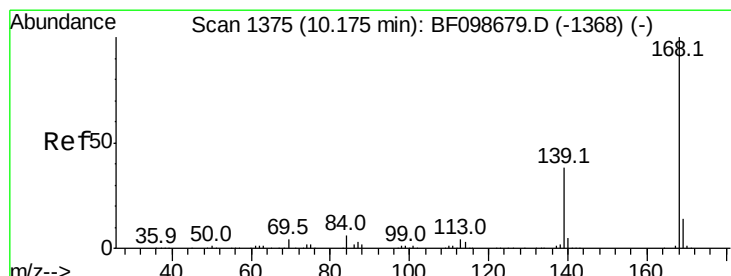
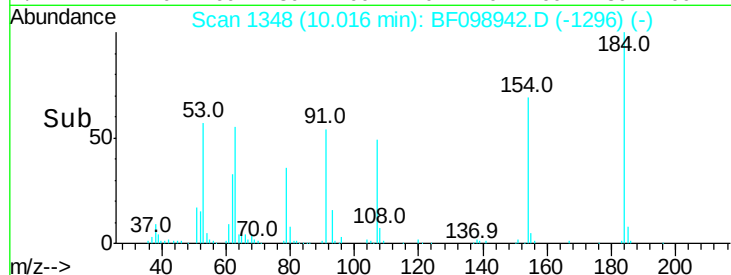
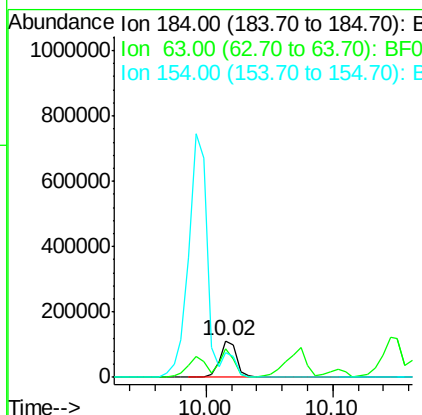
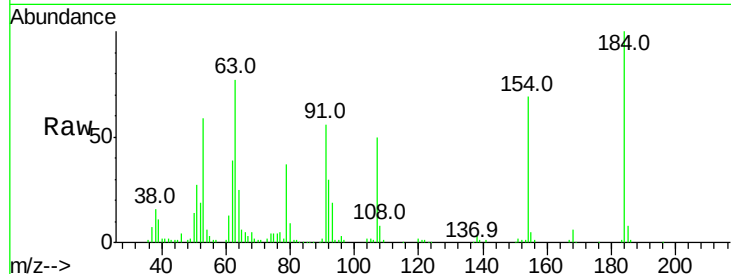
#53
 2,4-Dinitrophenol
 Concen: 50.336 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.9	54.2	81.2	
154	68.6	53.5	80.3	

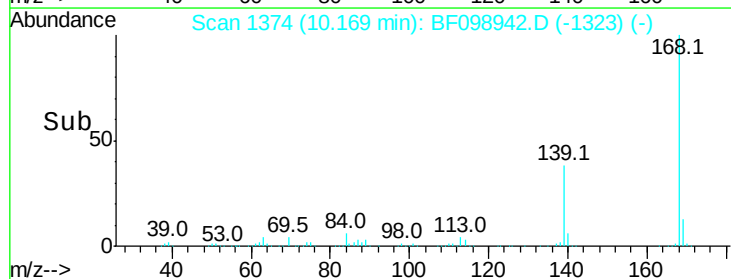
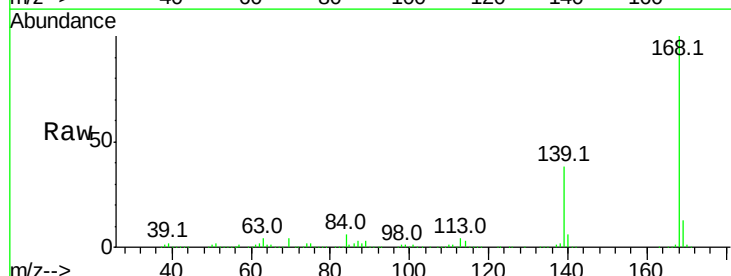
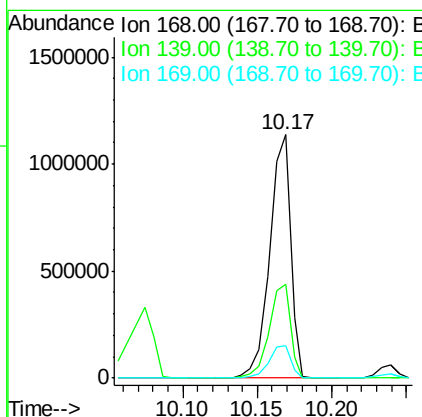
Manual Integrations
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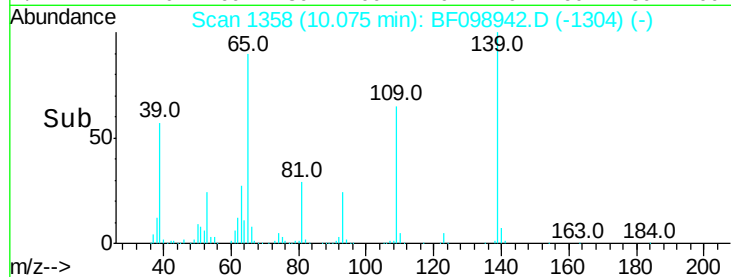
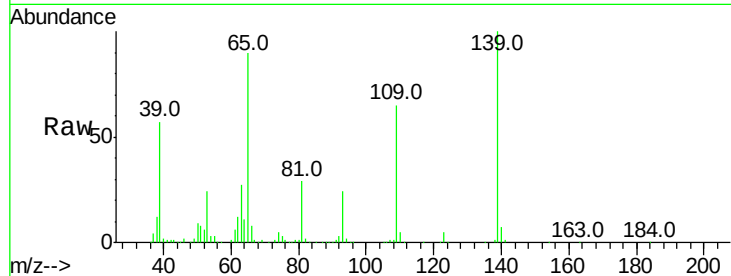
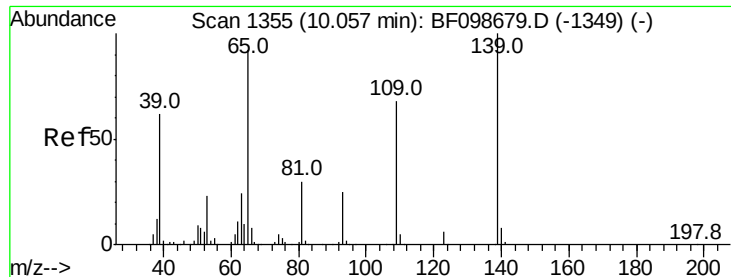
Sohil
 10/2/2017 5:38:41 PM



#54
 Dibenzofuran
 Concen: 50.013 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.4	30.1	45.1	
169	13.1	10.9	16.3	





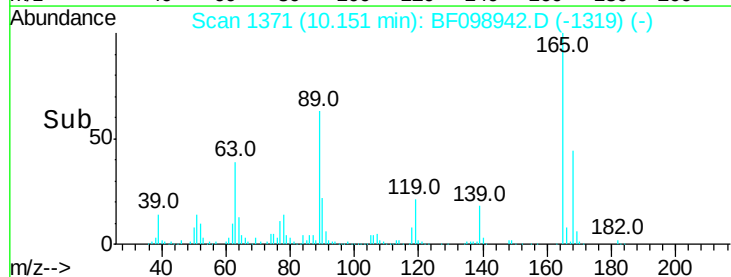
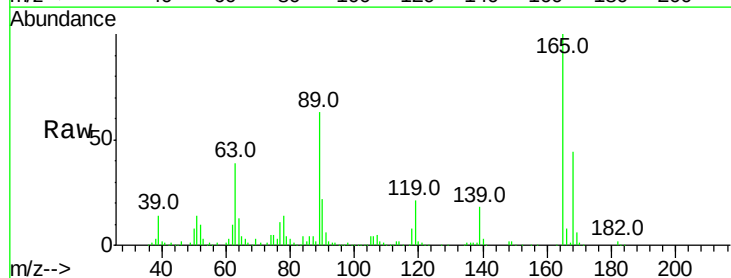
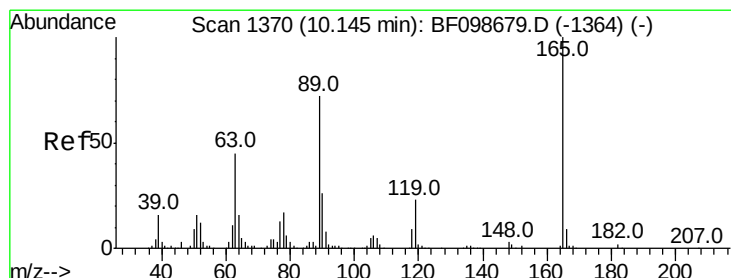
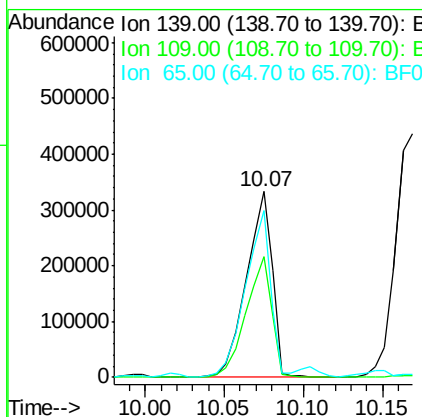
#55
4-Nitrophenol
Concen: 87.950 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	375332		
109	65.1	48.4	88.4	
65	90.1	72.6	112.6	

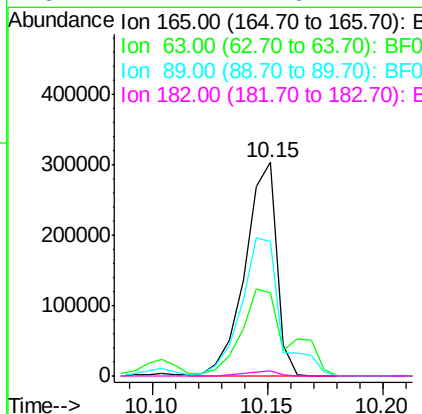
Manual Integrations
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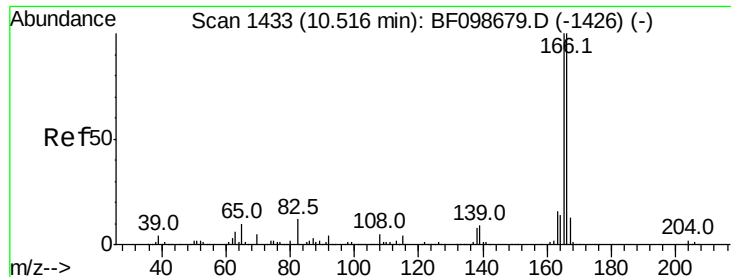
Sohil
10/2/2017 5:38:41 PM



#56
2,4-Dinitrotoluene
Concen: 51.825 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	291130		
63	39.1	36.4	54.6	
89	63.1	57.8	86.6	
182	2.4	1.6	2.4	





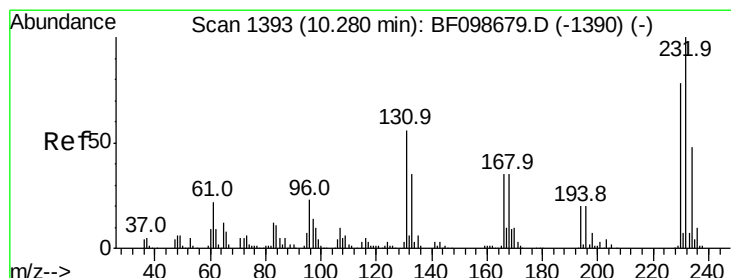
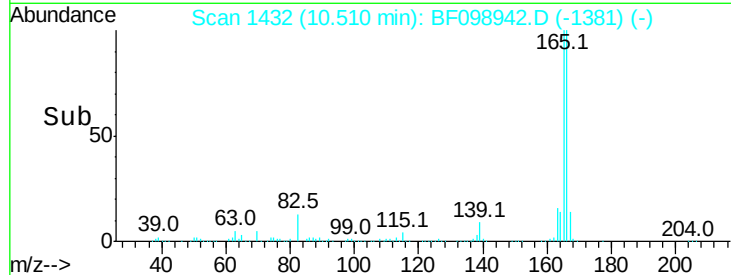
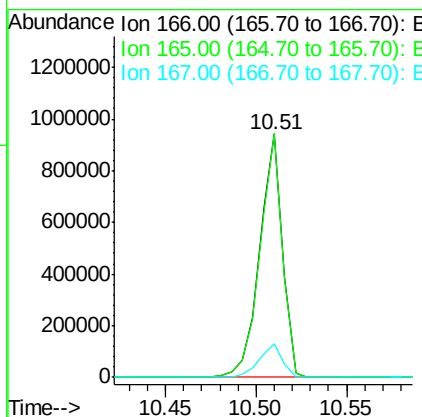
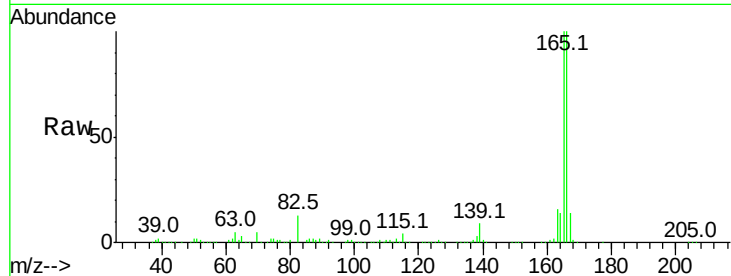
#57
 Fluorene
 Concen: 46.441 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	79.8	119.8	
167	13.6	10.6	16.0	

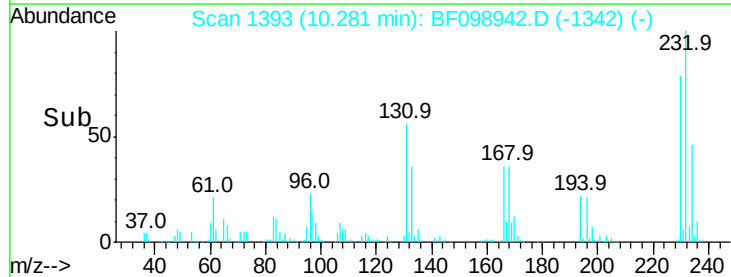
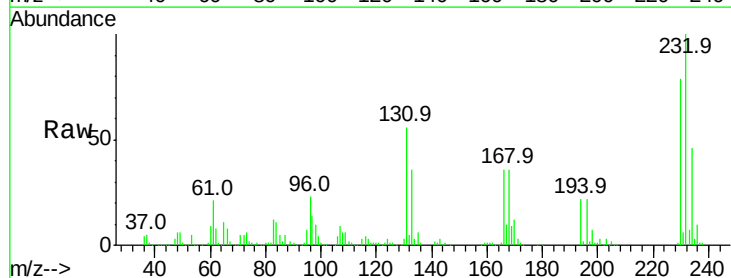
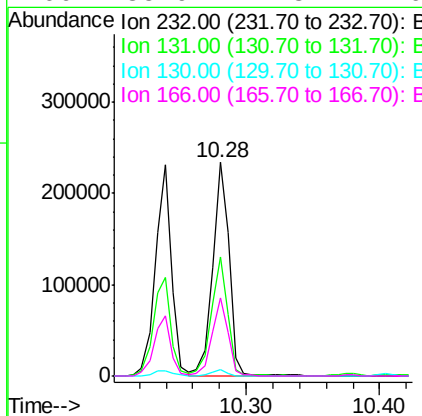
Manual Integrations
 APPROVED

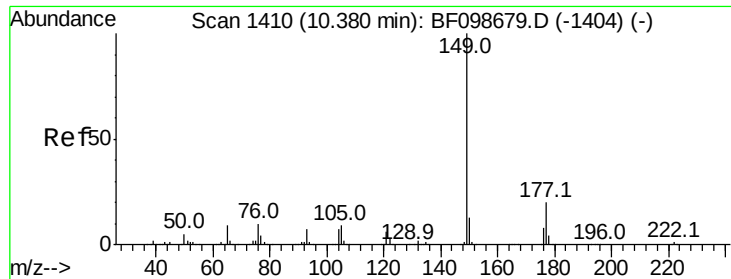
Sohil
 10/2/2017 5:38:41 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.939 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.0	43.8	65.8	
130	2.6	2.1	3.1	
166	35.9	27.8	41.6	





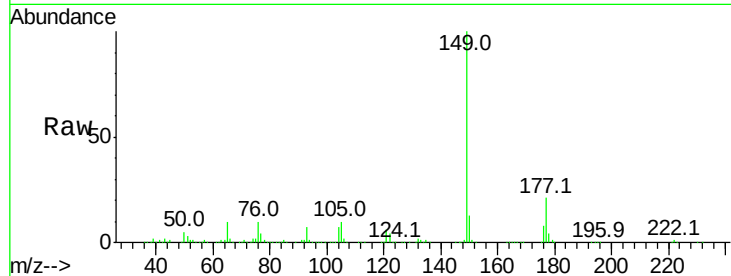
#59
Diethylphthalate
Concen: 49.684 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	965249		
177	20.8		16.1	24.1
150	12.8		10.1	15.1

Manual Integrations
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10/2/2017 5:38:41 PM

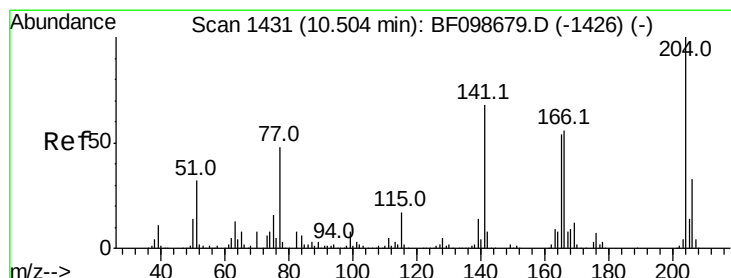
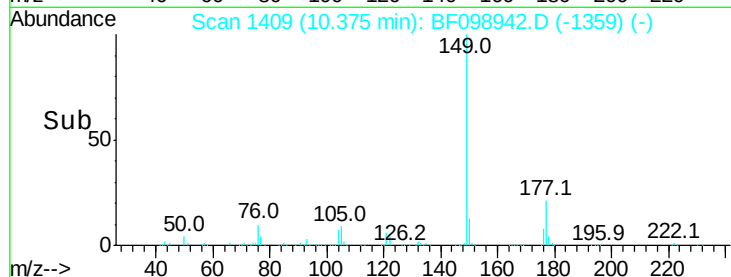
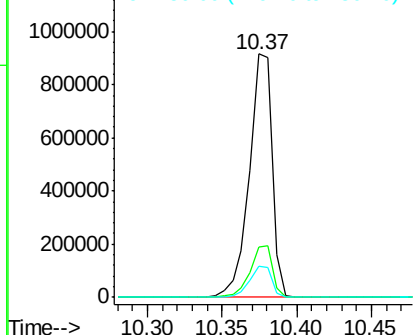


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 47.028 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

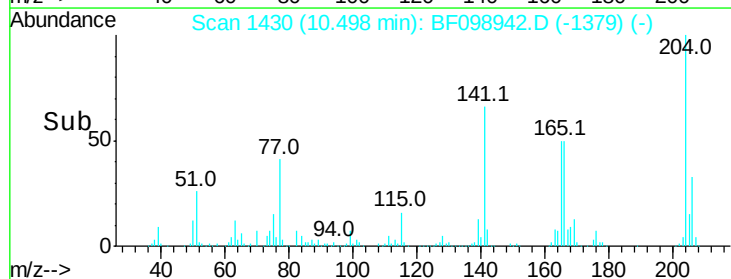
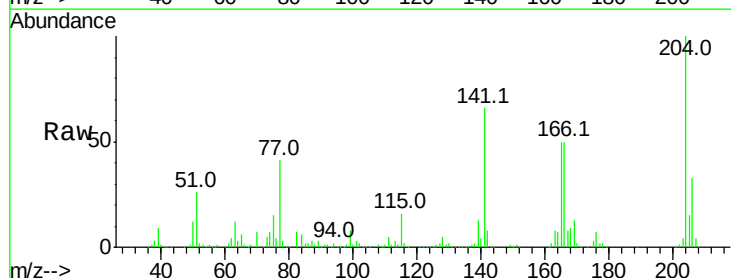
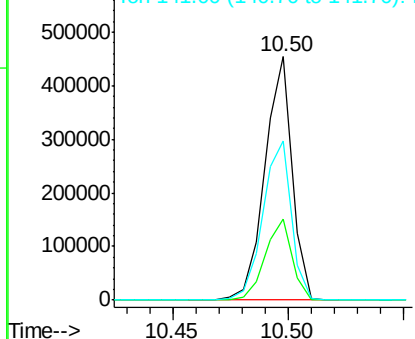
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	372651		
206	33.5		26.5	39.7
141	65.6		54.6	81.8

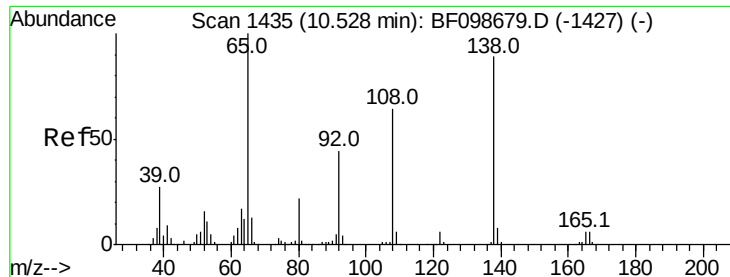
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





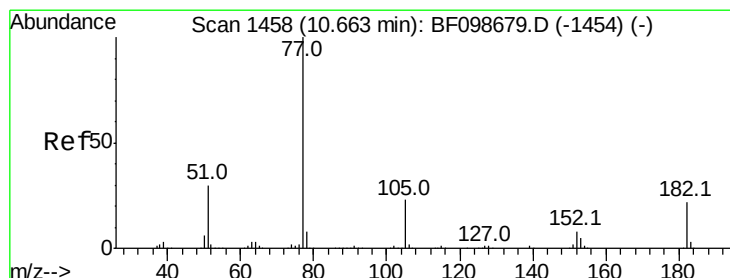
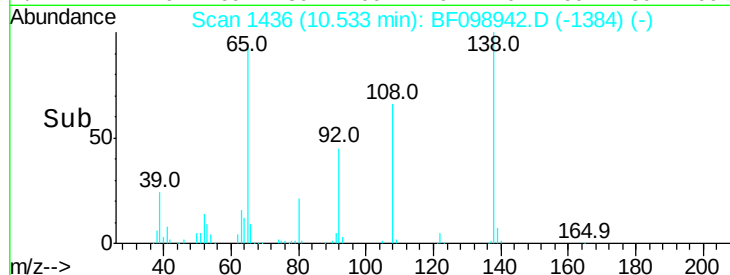
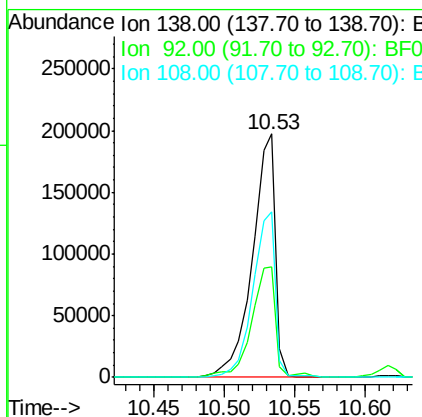
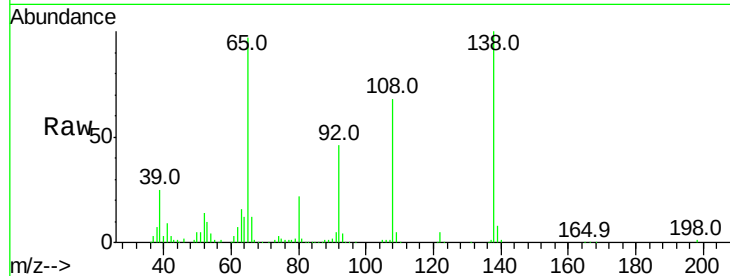
#61
4-Nitroaniline
Concen: 46.766 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	227710		
92	45.5	30.2	70.2	
108	67.8	52.5	92.5	

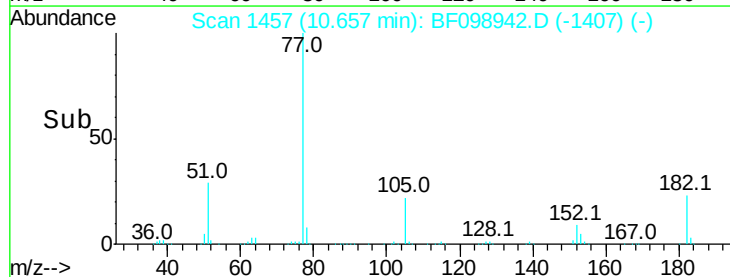
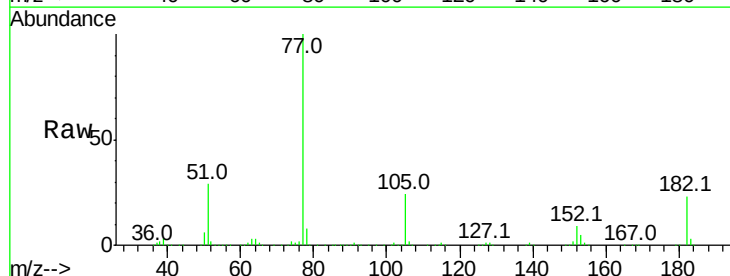
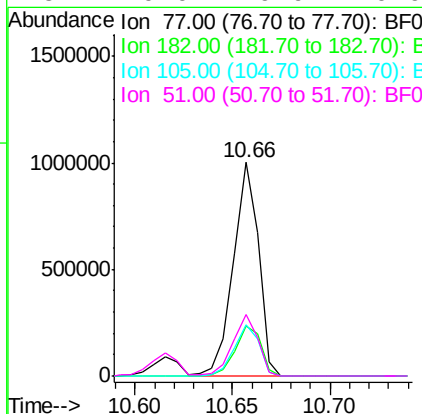
Manual Integrations
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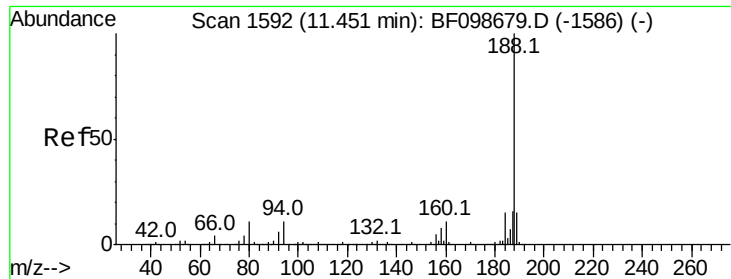
Sohil
10/2/2017 5:38:41 PM



#62
Azobenzene
Concen: 50.205 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	896818		
182	23.2	1.7	41.7	
105	23.8	3.0	43.0	
51	29.0	9.9	49.9	





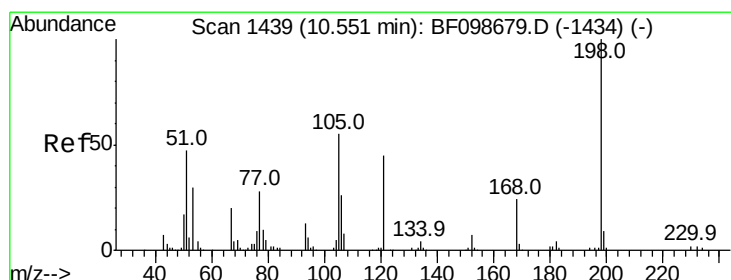
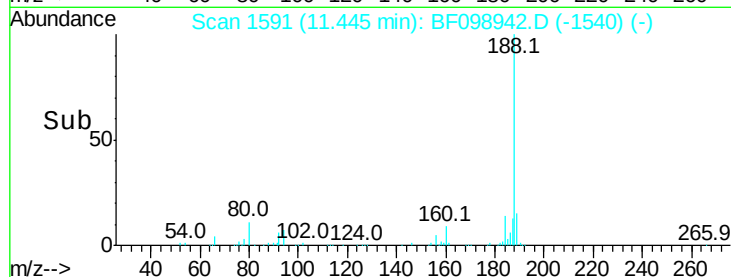
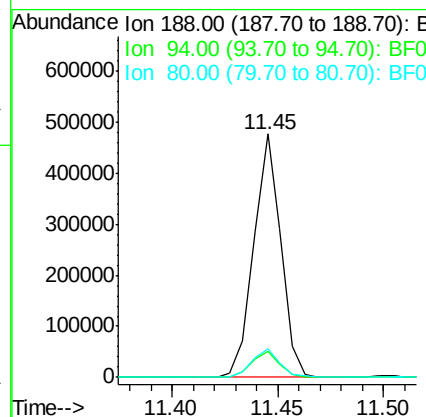
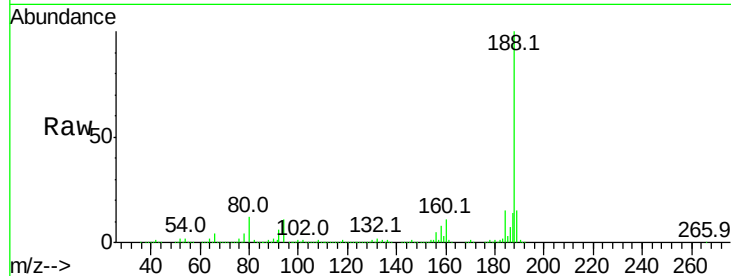
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	424387		
94	10.9		8.5	12.7
80	11.7		9.2	13.8

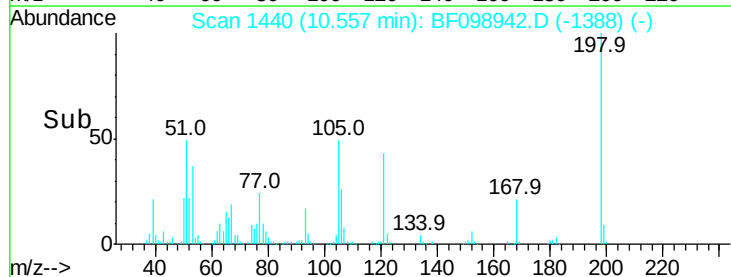
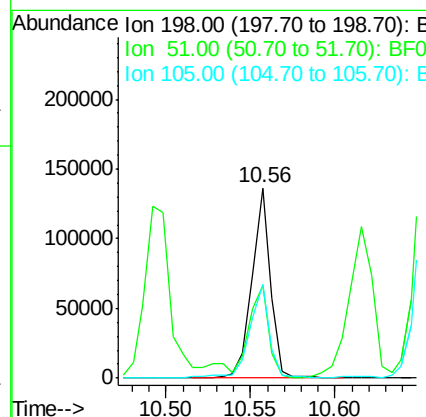
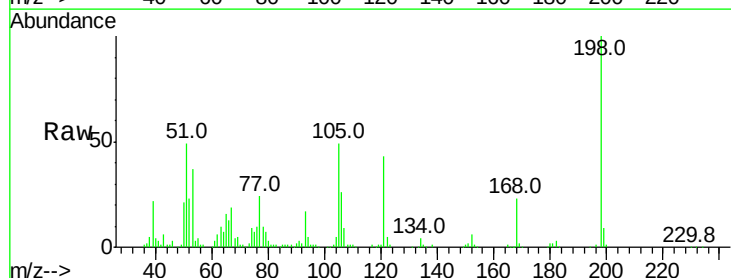
Manual Integrations
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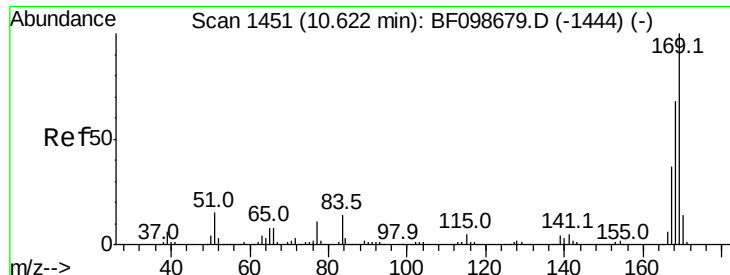
Sohil
10/2/2017 5:38:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.018 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	105912		
51	48.8		37.7	77.7
105	49.4		36.3	76.3





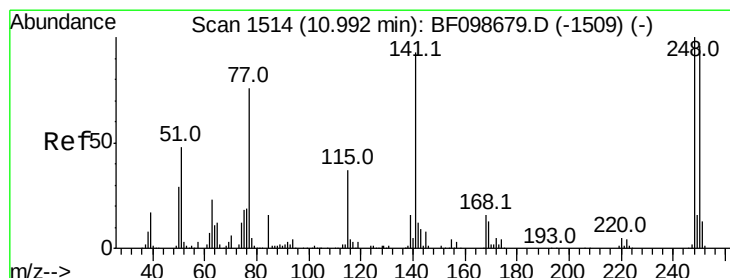
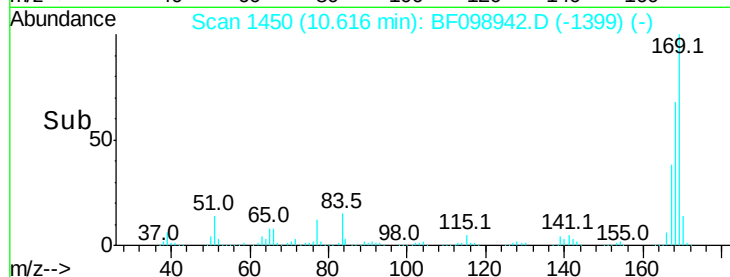
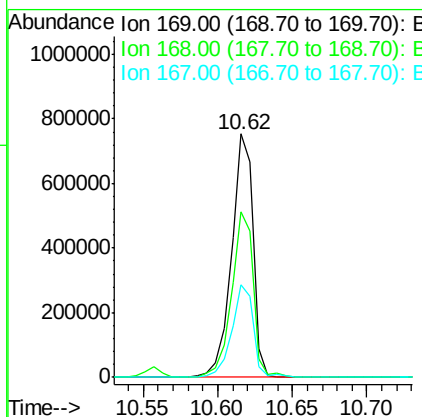
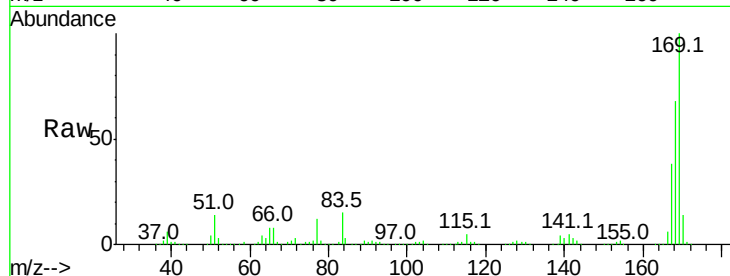
#65
n-Nitrosodiphenylamine
Concen: 51.970 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	764060		
168	67.8	54.4	81.6	
167	37.8	29.8	44.6	

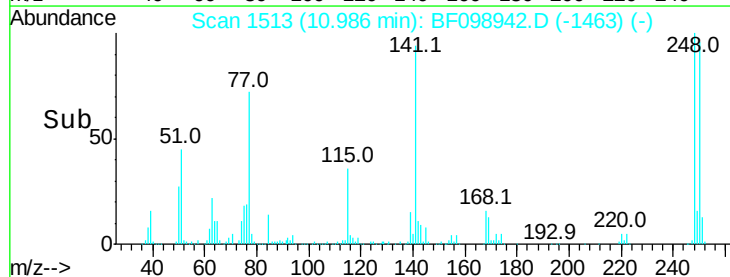
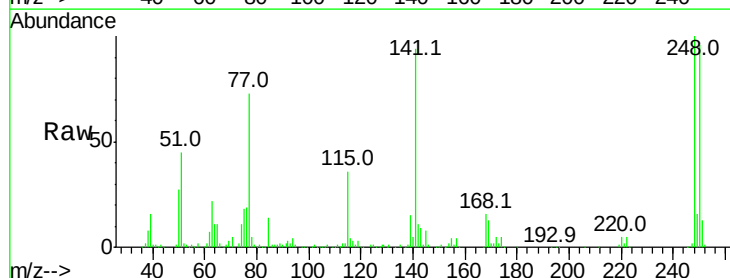
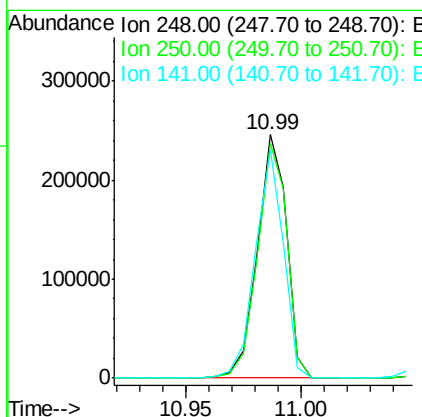
Manual Integrations
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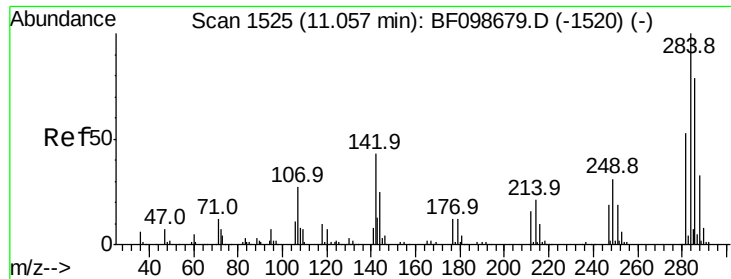
Sohil
10/2/2017 5:38:41 PM



#66
4-Bromophenyl-phenylether
Concen: 52.226 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	216950		
250	96.3	76.9	115.3	
141	93.6	74.4	111.6	





#67

Hexachlorobenzene

Concen: 47.393 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:284 Resp: 210268

Ion Ratio Lower Upper

284 100

142 42.3 34.6 52.0

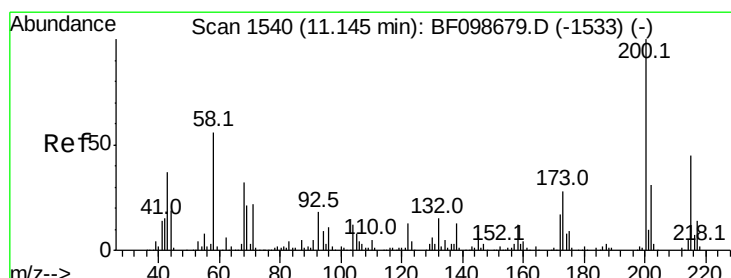
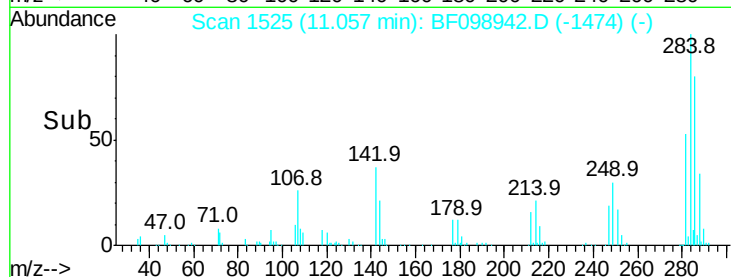
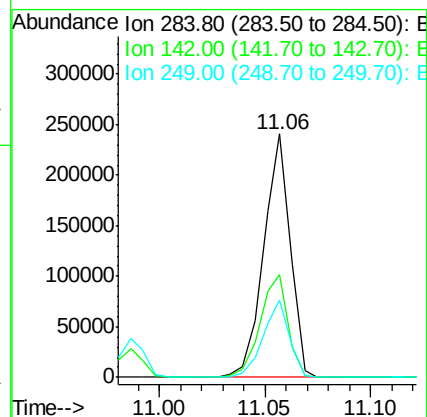
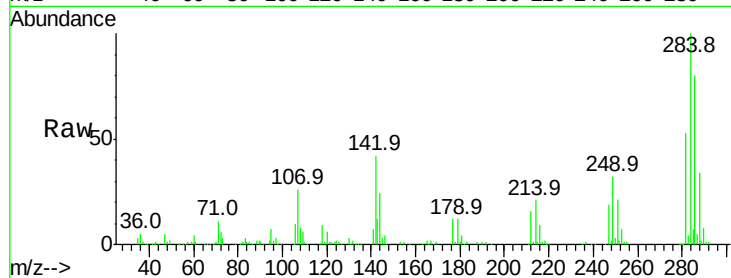
249 31.8 24.8 37.2

Manual Integrations

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Sohil

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#68

Atrazine

Concen: 53.682 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

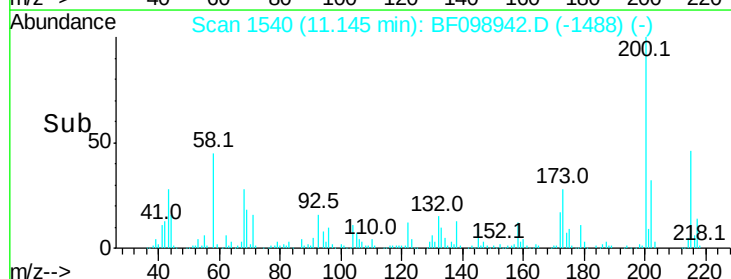
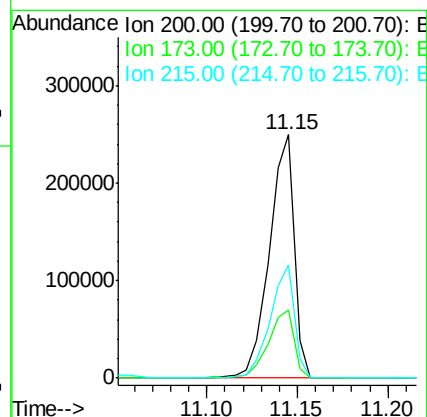
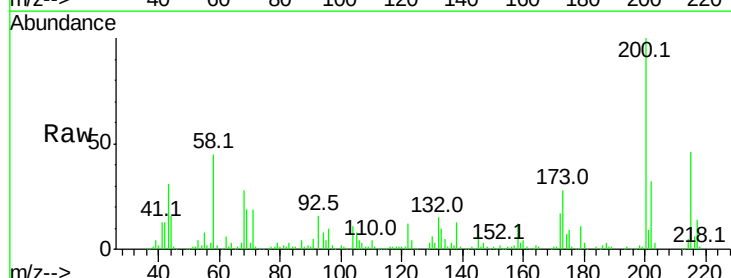
Tgt Ion:200 Resp: 237456

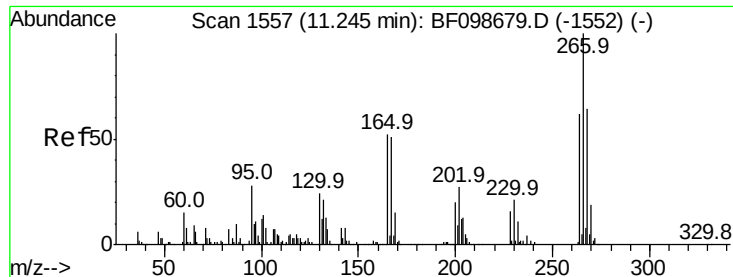
Ion Ratio Lower Upper

200 100

173 27.8 8.6 48.6

215 46.4 25.1 65.1





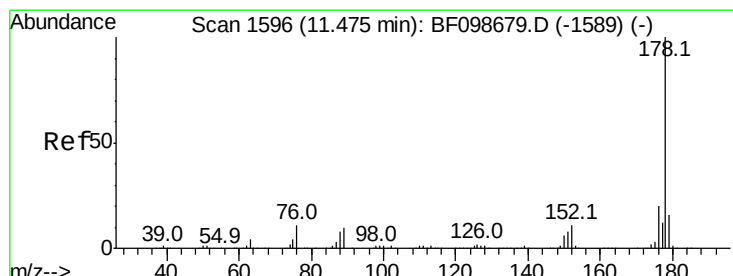
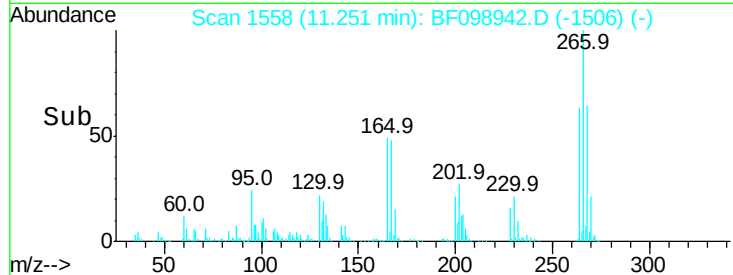
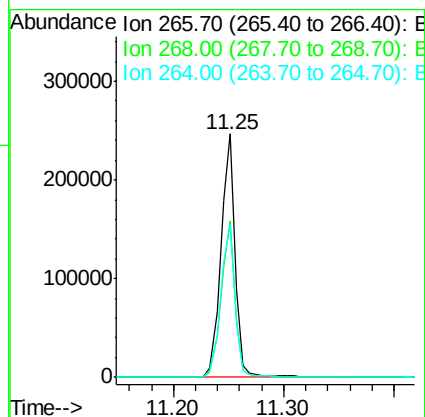
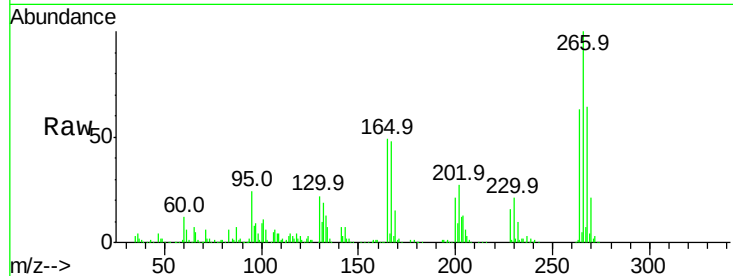
#69
 Pentachlorophenol
 Concen: 80.192 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion:	266	Resp:	221427
Ion Ratio	Lower	Upper	
266	100		
268	64.1	51.1	76.7
264	62.6	49.5	74.3

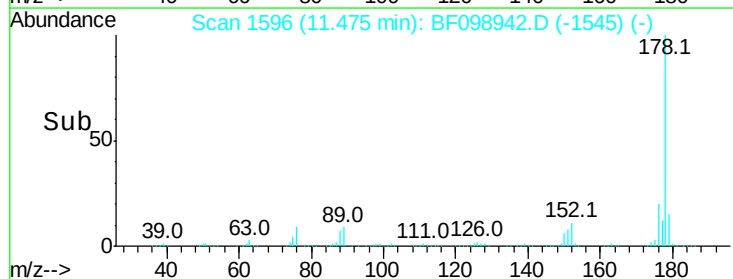
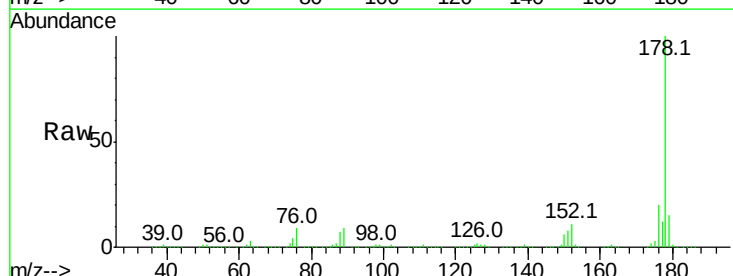
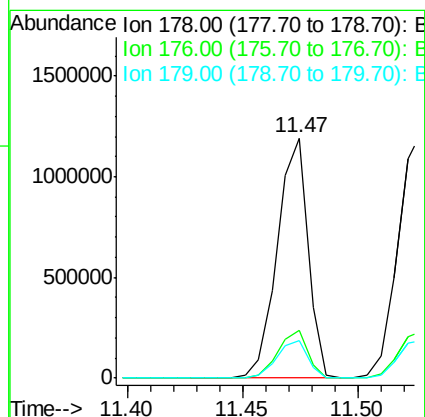
Manual Integrations
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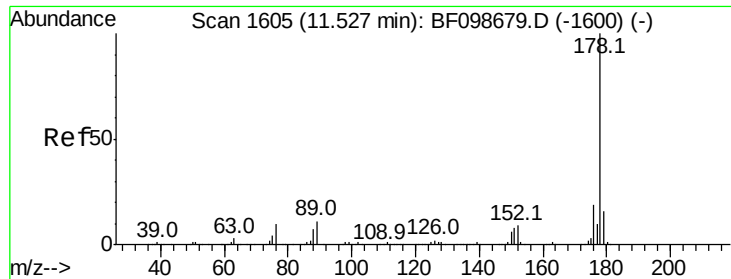
Sohil
 10/2/2017 5:38:41 PM



#70
 Phenanthrene
 Concen: 48.215 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion:	178	Resp:	1095271
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.8	23.8
179	15.4	13.0	19.6





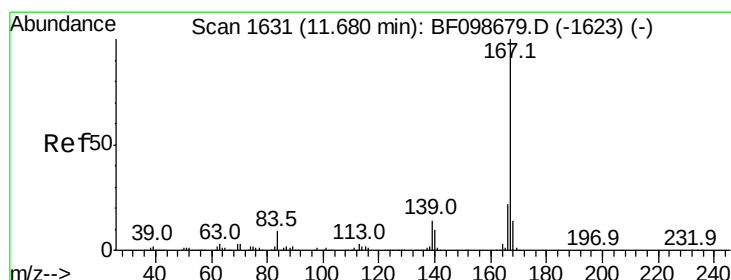
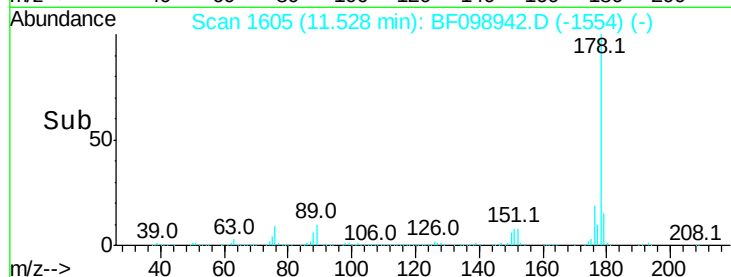
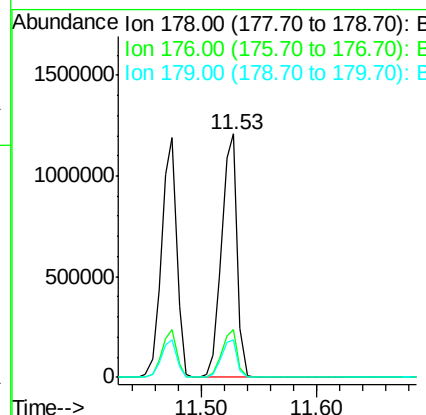
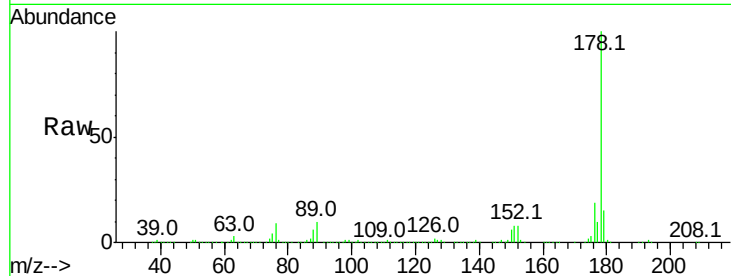
#71
 Anthracene
 Concen: 48.465 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion:178 Resp: 1126475
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.5 12.6 19.0

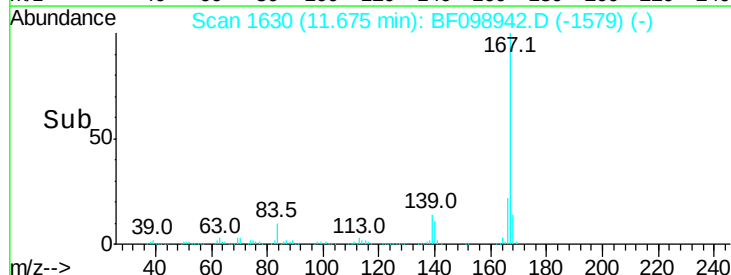
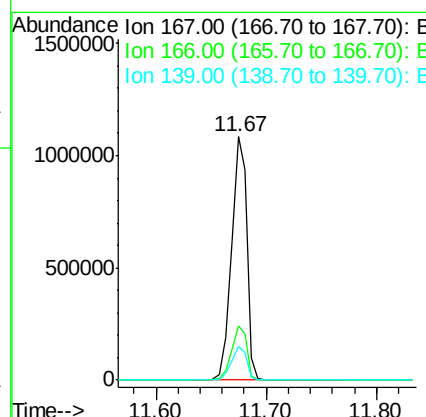
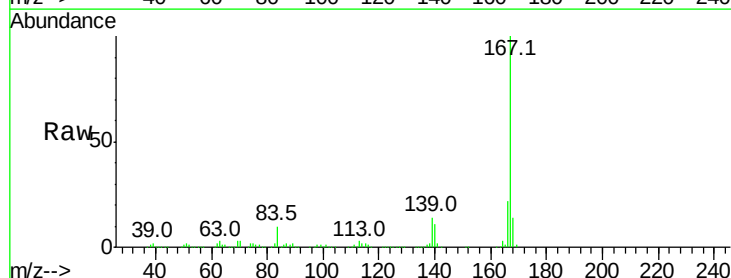
Manual Integrations
 APPROVED

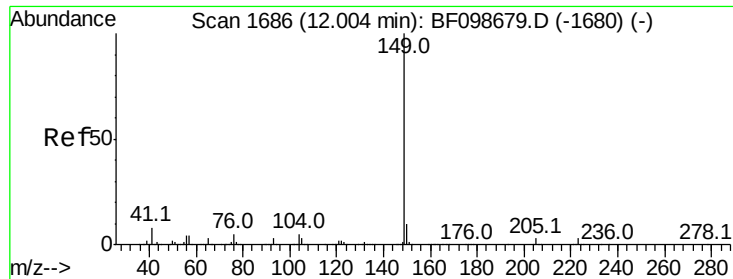
Sohil
 10/2/2017 5:38:41 PM



#72
 Carbazole
 Concen: 46.325 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion:167 Resp: 1054417
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 50.383 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:149 Resp: 1380340

Ion Ratio Lower Upper

149 100

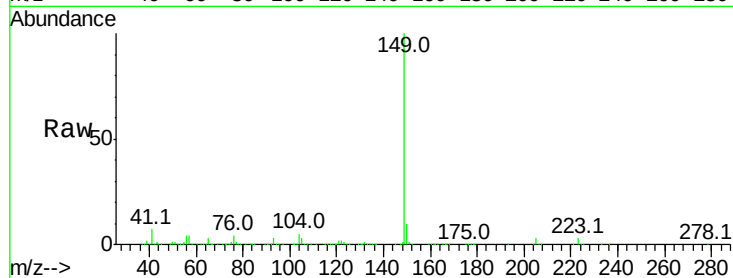
150 9.5 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
APPROVED

Sohil

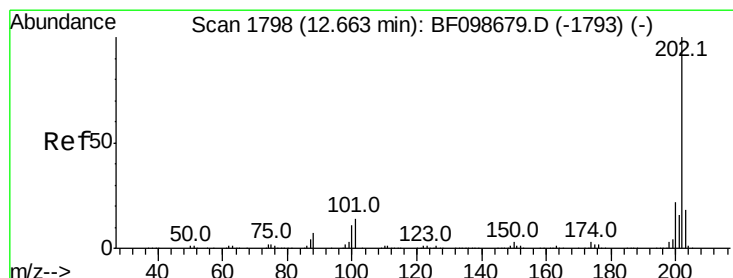
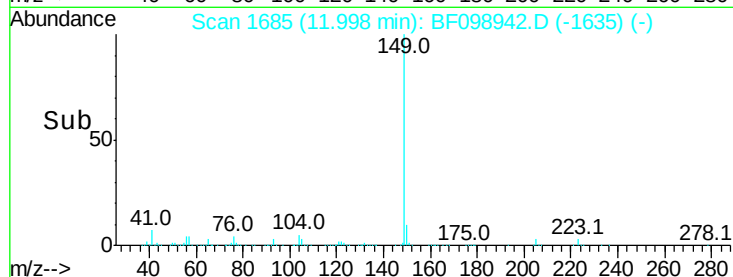
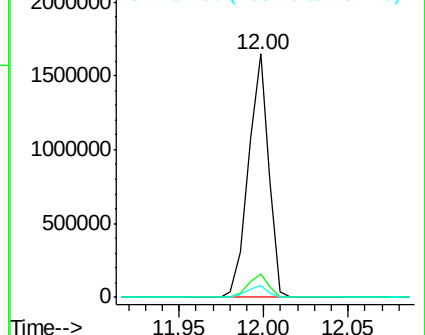
10/2/2017 5:38:41 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.505 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

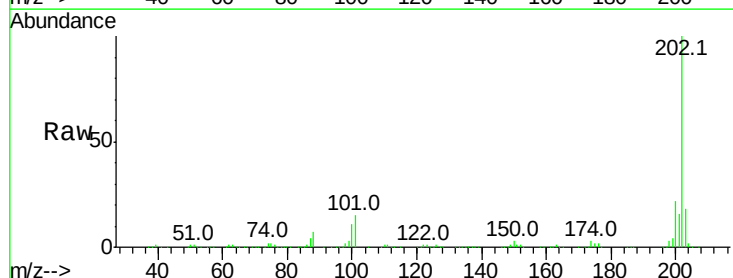
Tgt Ion:202 Resp: 954722

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

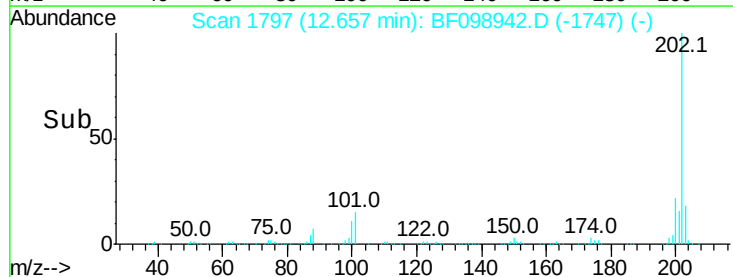
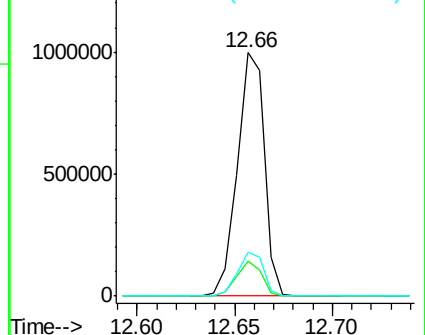
203 18.3 0.0 38.1

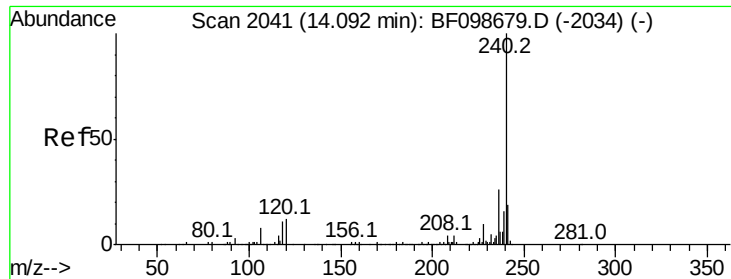


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF098942.D

Acq: 29 Sep 2017 11:40

Instrument :

BNA_F

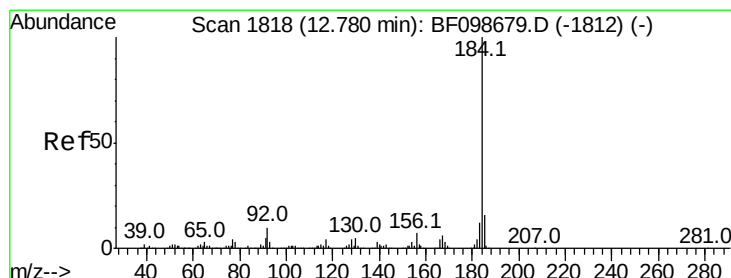
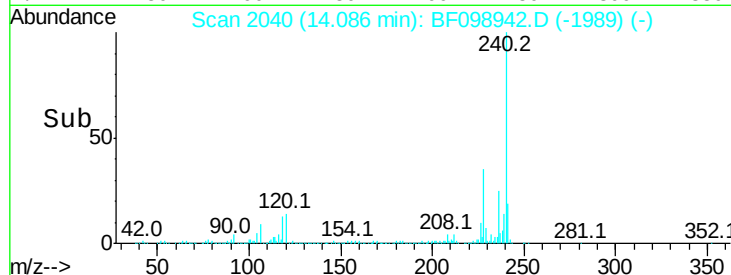
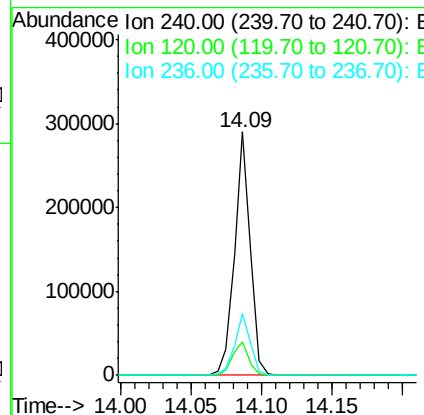
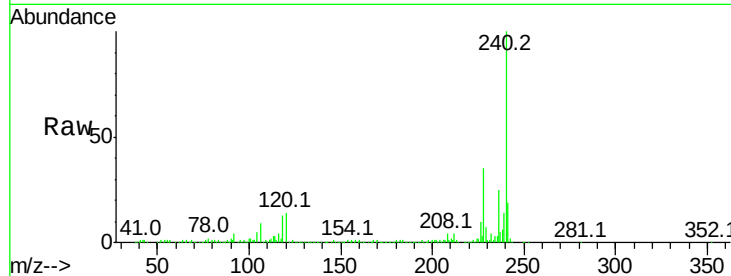
ClientSampleId :

PAMT-COMP-CMSD

Tot Ion:	240	Resp:	222151
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.5	14.3
236	25.3	20.7	31.1

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#76

Benzidine

Concen: 60.423 ng

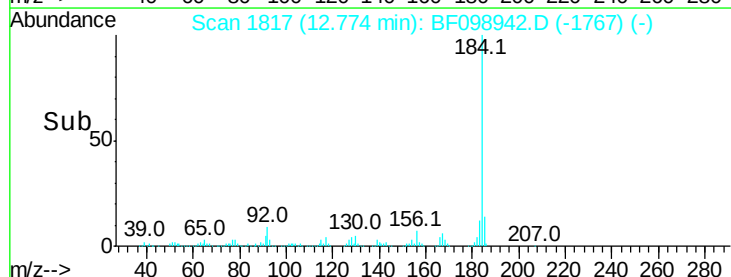
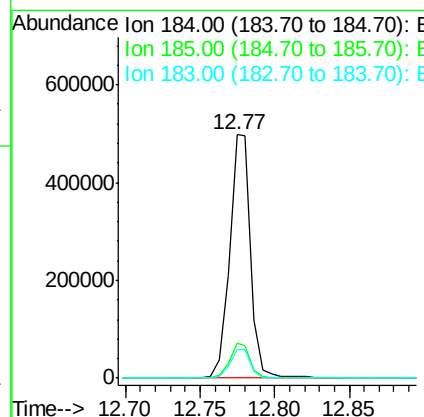
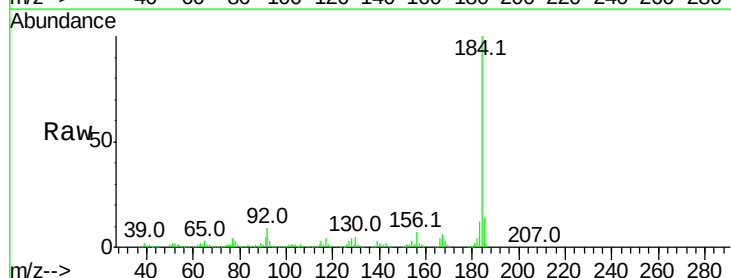
RT: 12.77 min Scan# 1817

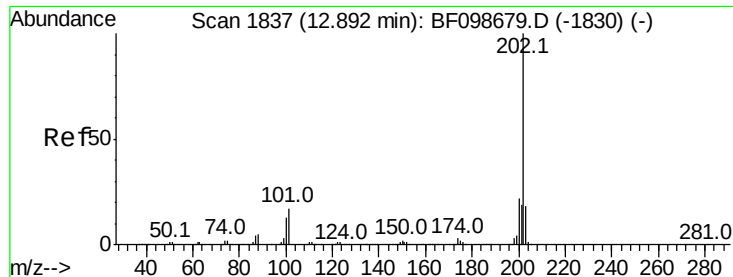
Delta R.T. -0.01 min

Lab File: BF098942.D

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Tgt Ion:	184	Resp:	496475
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.9	9.3	13.9





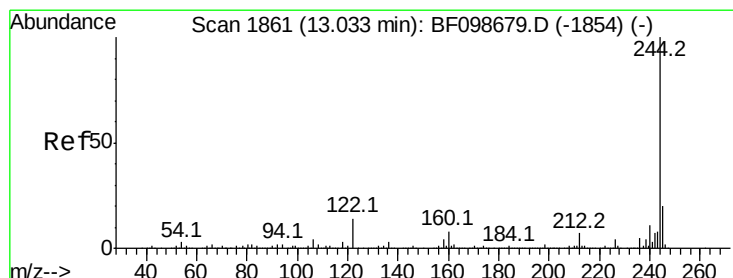
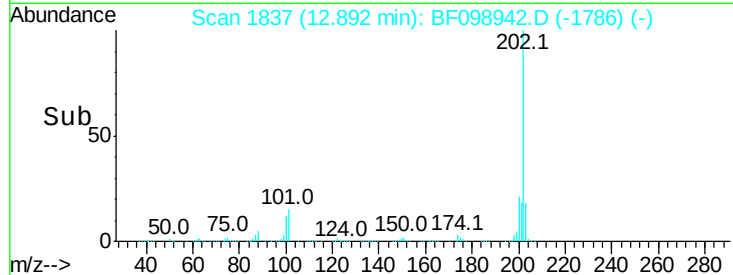
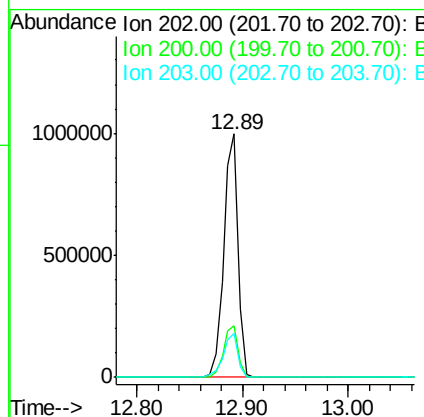
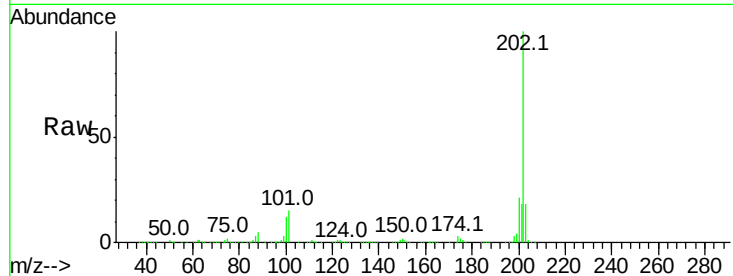
#77
Pvrene
Concen: 55.670 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5

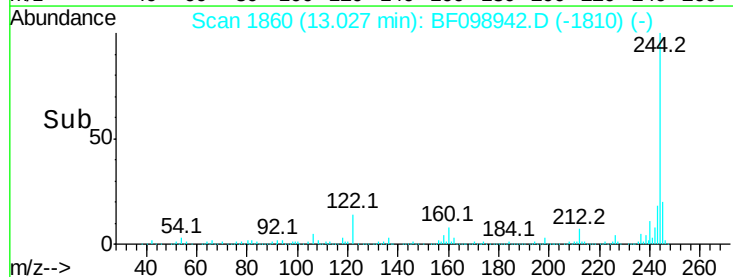
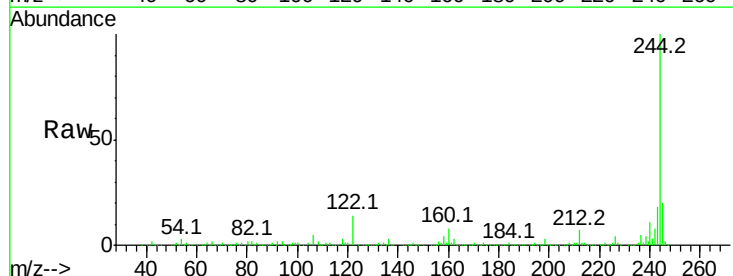
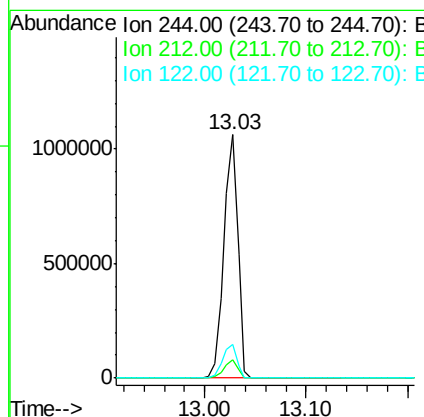
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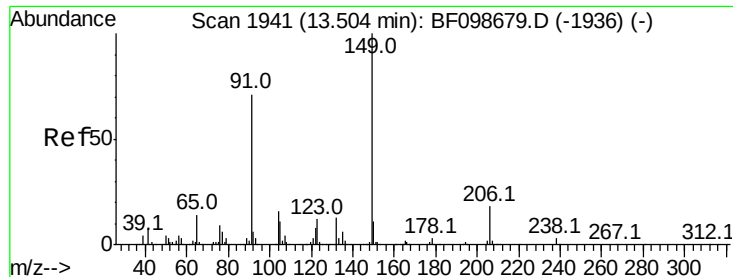
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#78
Terphenyl-d14
Concen: 103.527 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.9	11.0	16.4





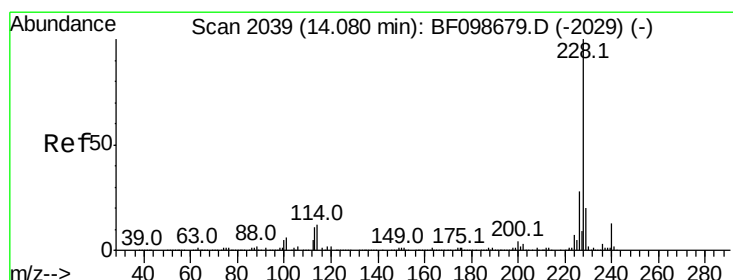
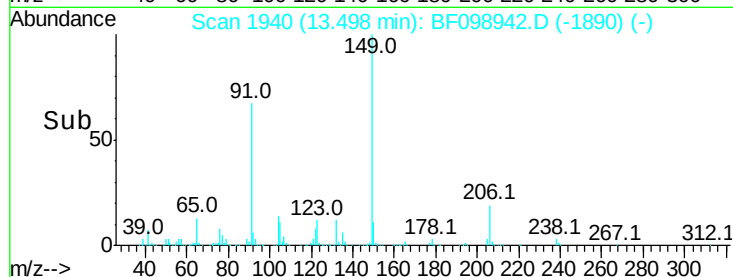
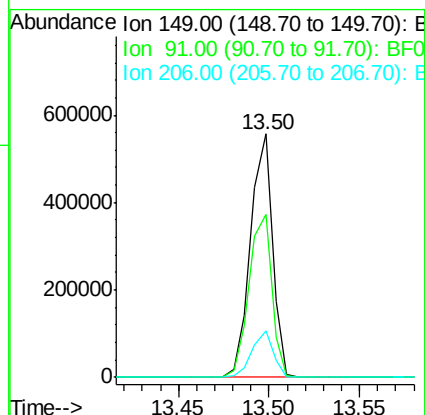
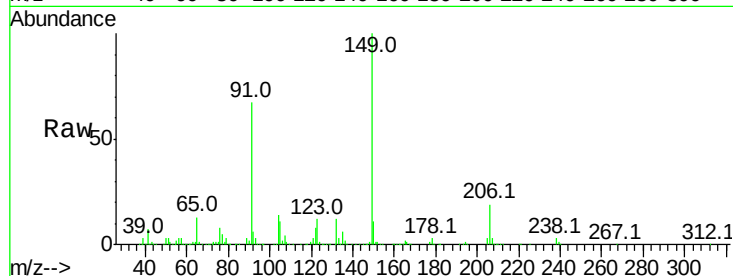
#79
Butylbenzylphthalate
Concen: 59.307 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	472160		
91	66.8	56.8	85.2	
206	19.2	14.1	21.1	

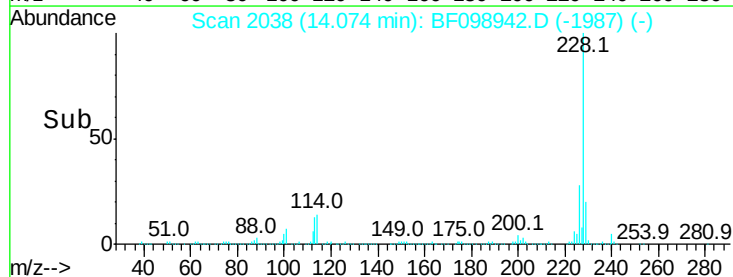
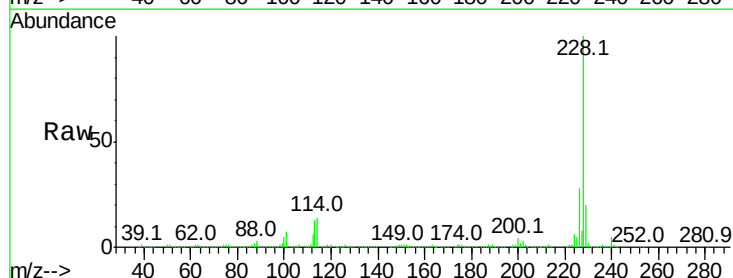
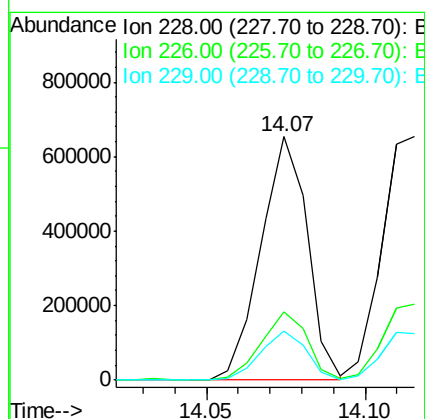
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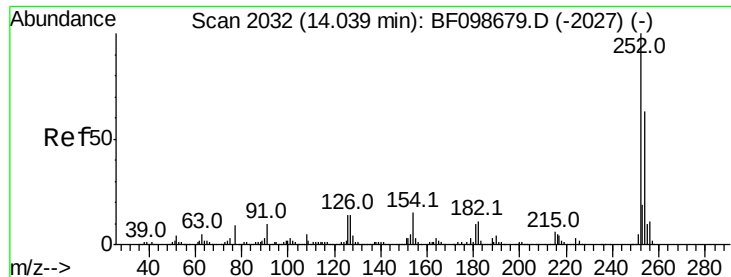
Sohil
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#80
Benzo(a)anthracene
Concen: 49.558 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	666644		
226	28.1	22.6	33.8	
229	19.9	15.8	23.6	





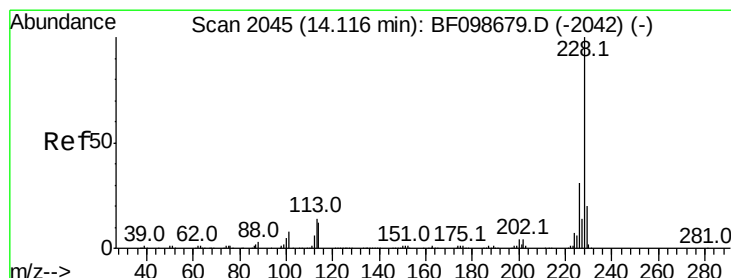
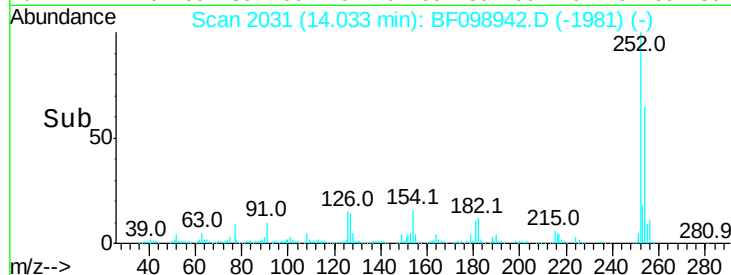
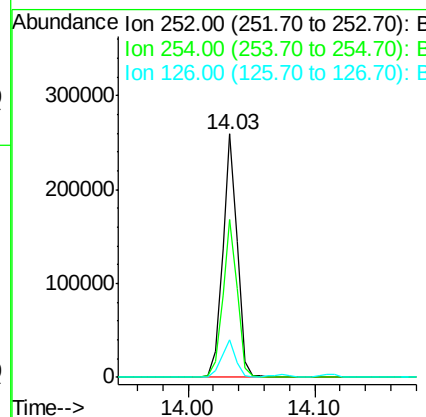
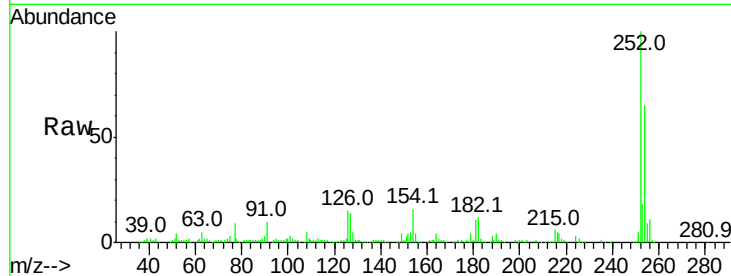
#81
 3,3'-Dichlorobenzidine
 Concen: 42.593 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	210036		
254	64.7		50.4	75.6
126	15.5		11.3	16.9

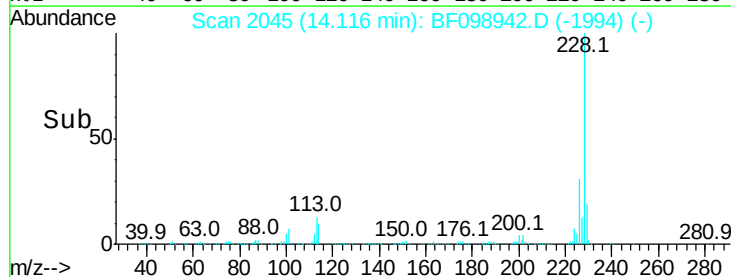
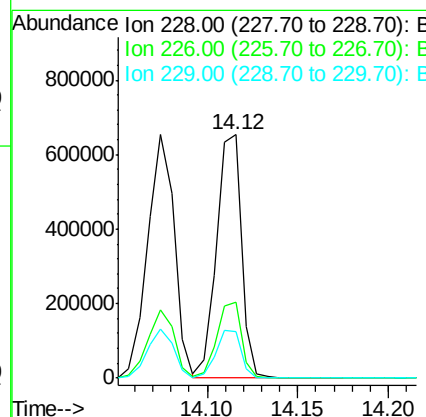
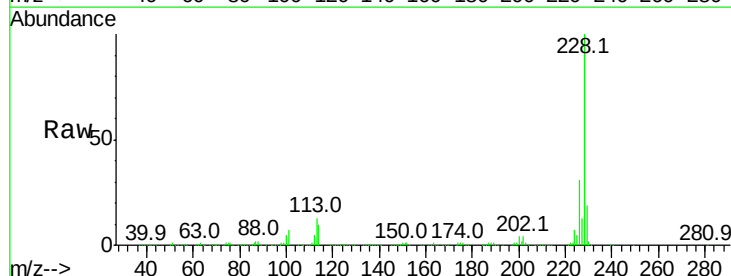
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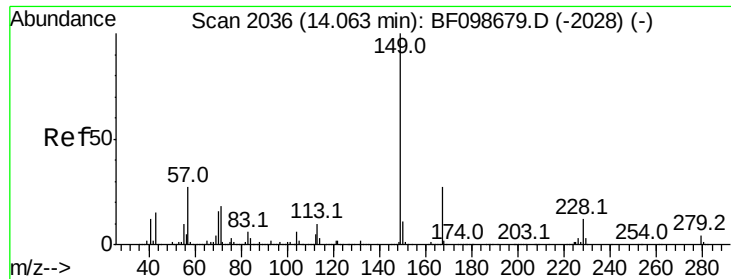
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#82
 Chrysene
 Concen: 48.684 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	623484		
226	31.0		25.0	37.6
229	19.3		16.2	24.4





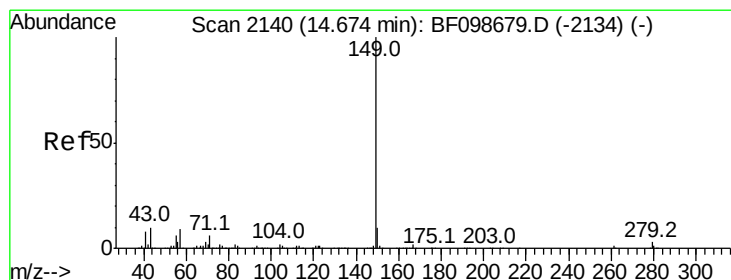
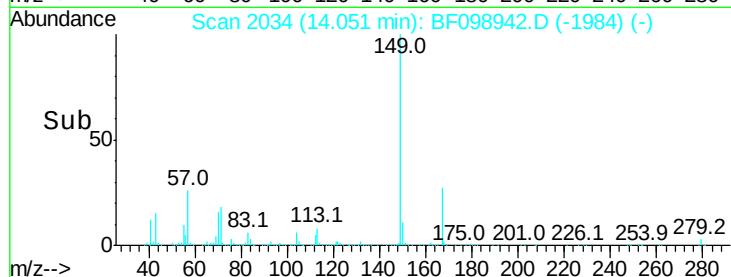
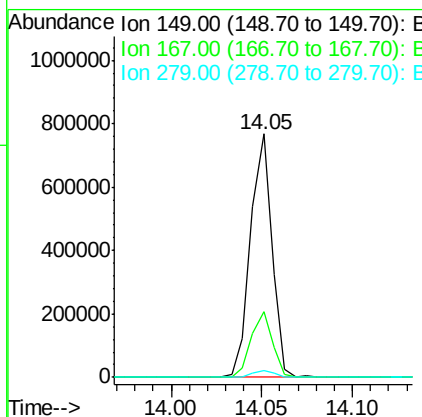
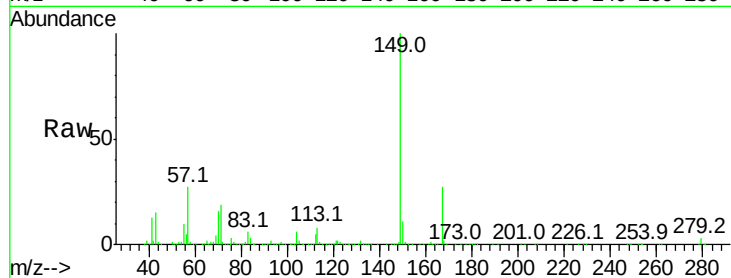
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.866 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	2.8	3.0	4.4#

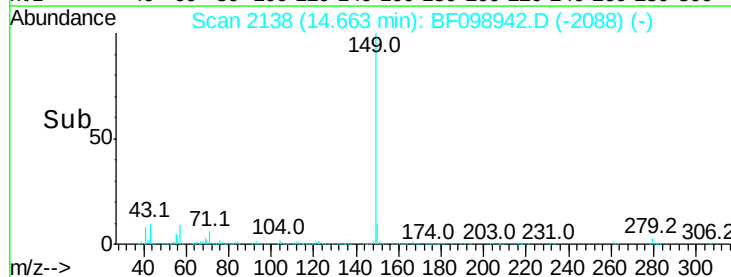
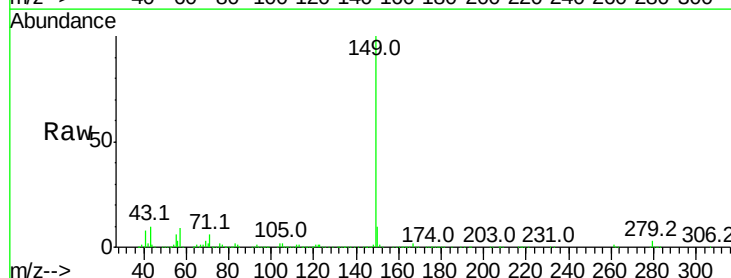
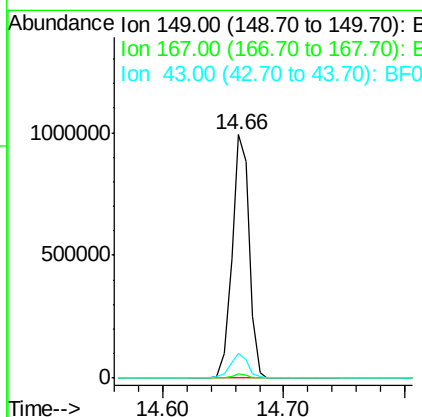
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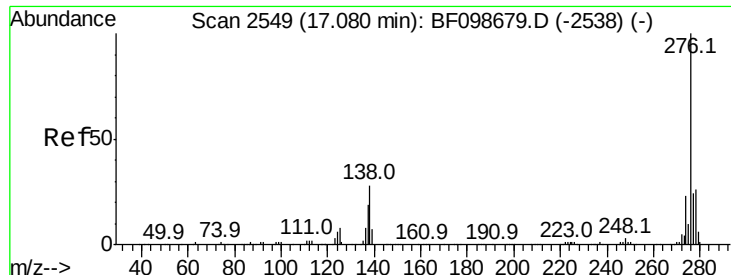
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#84
 Di-n-octyl phthalate
 Concen: 55.101 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.1	8.4	12.6





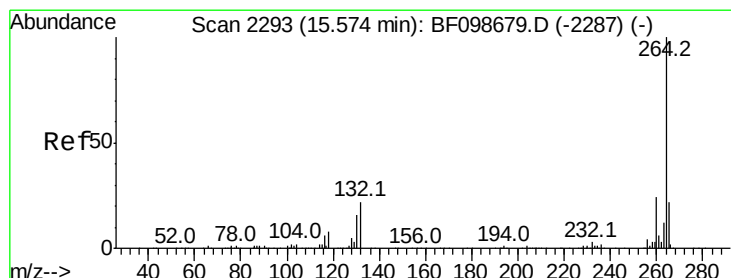
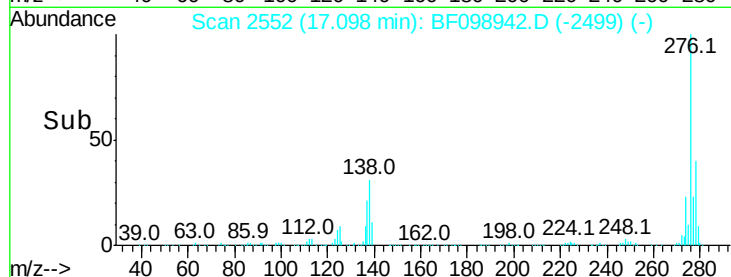
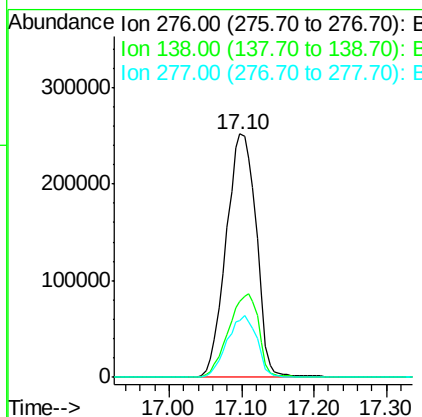
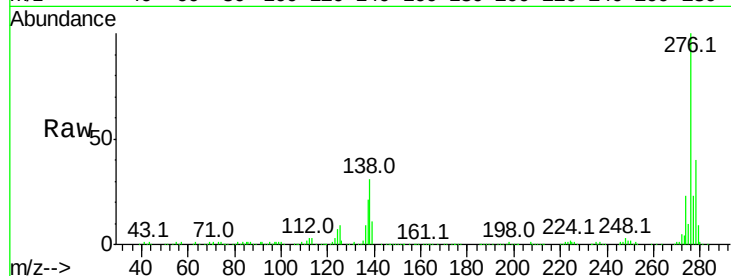
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.075 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	25.2	20.1	30.1

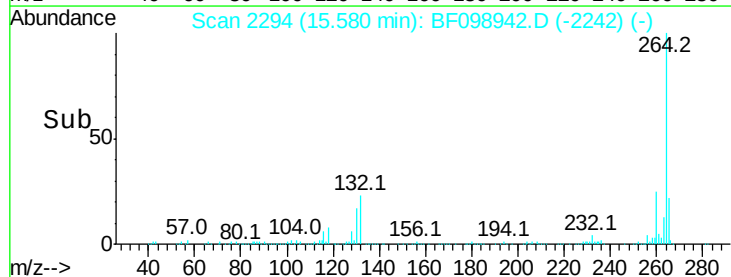
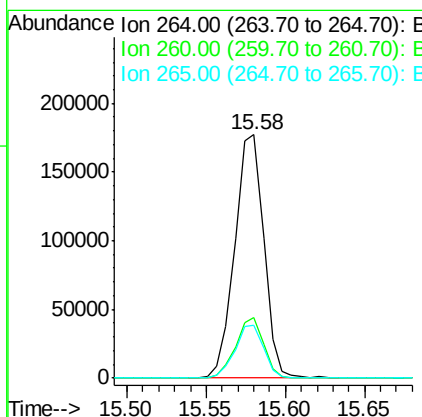
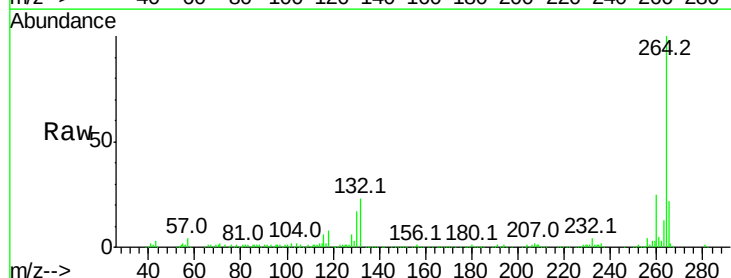
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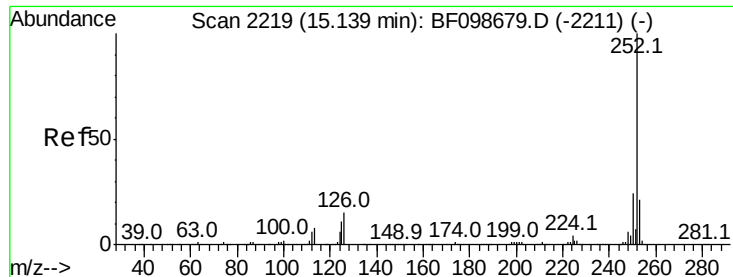
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.8	17.5	26.3





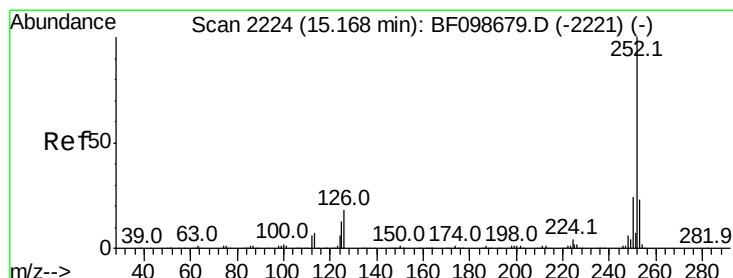
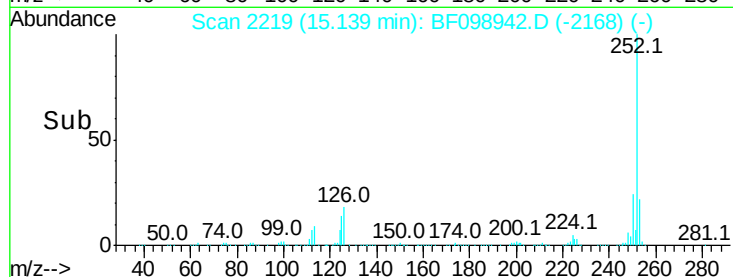
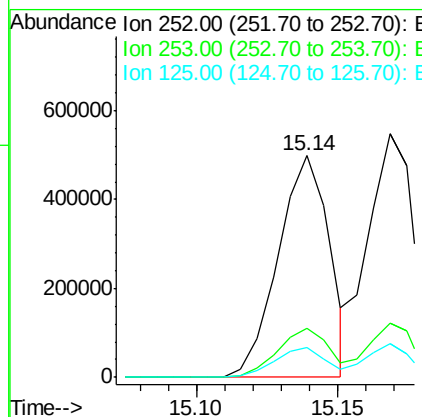
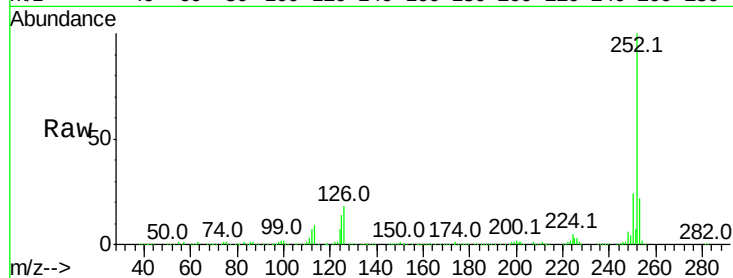
#87
Benzo(b)fluoranthene
Concen: 45.214 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.8	9.0	13.6

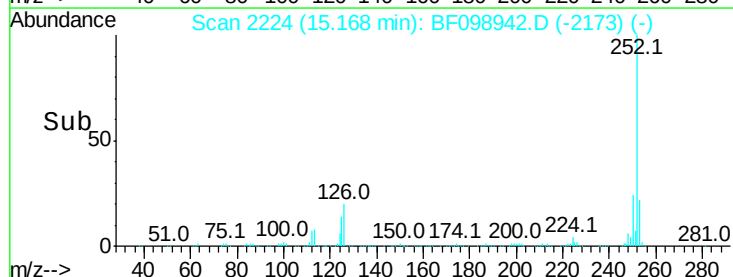
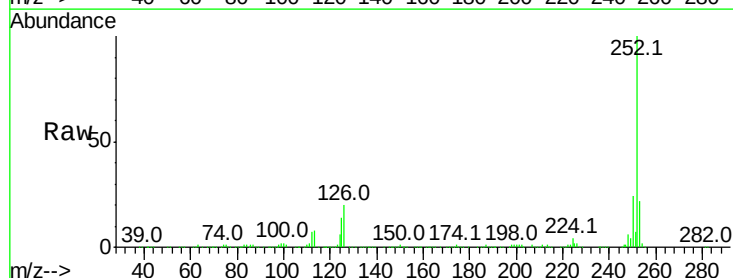
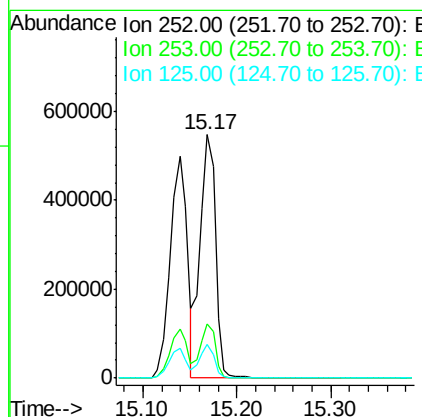
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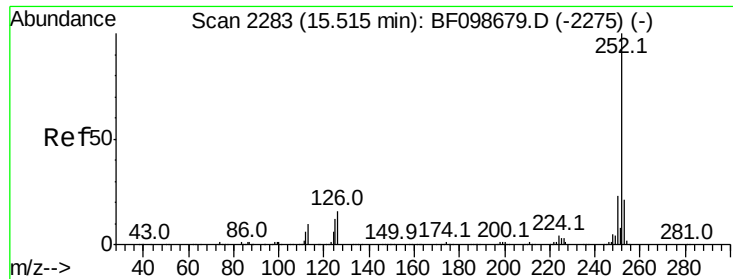
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#88
Benzo(k)fluoranthene
Concen: 45.604 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.7	10.2	15.2





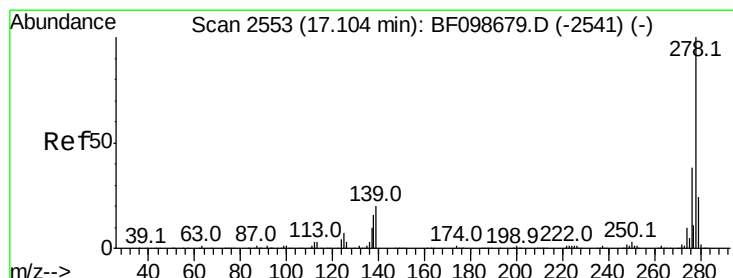
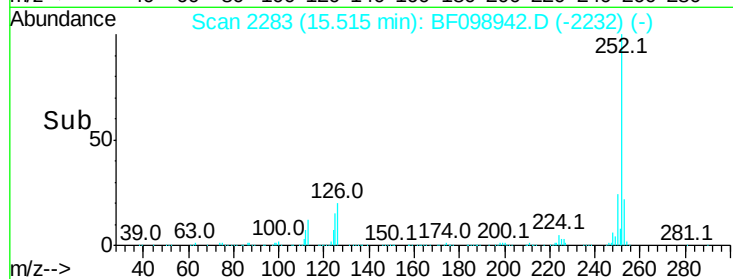
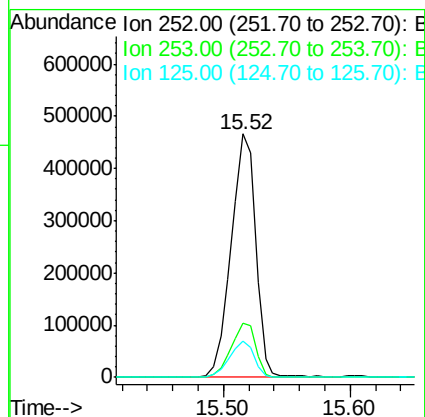
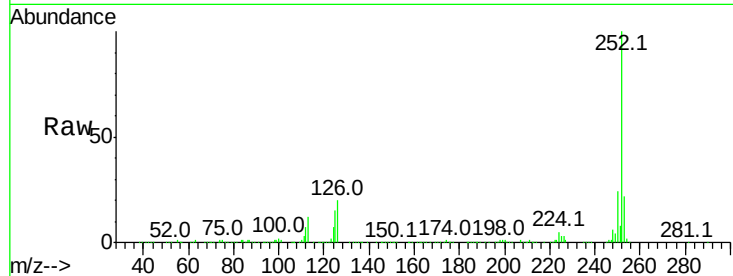
#89
Benzo(a)pyrene
Concen: 48.998 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Instrument :
BNA_F
ClientSampleId :
PAMT-COMP-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.7	9.8	14.6

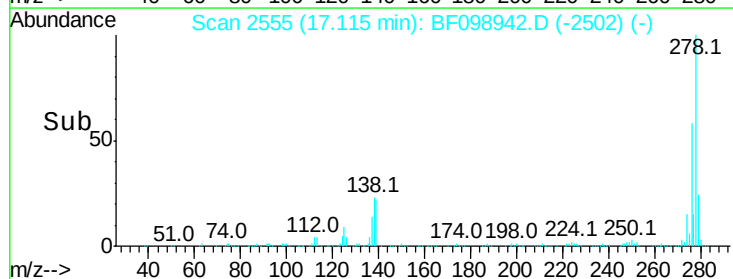
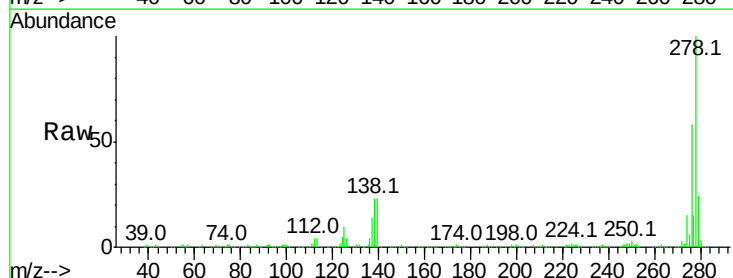
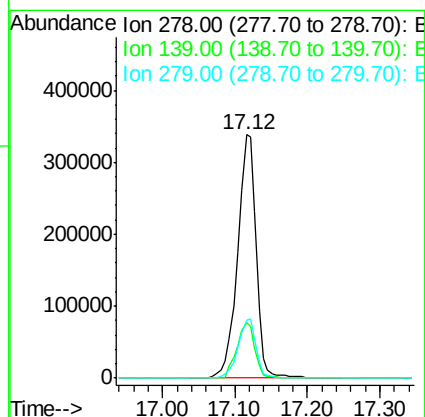
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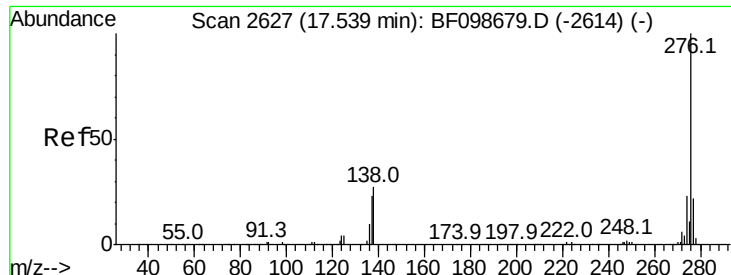
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 59.012 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF098942.D
Acq: 29 Sep 2017 11:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 59.354 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.02 min
 Lab File: BF098942.D
 Acq: 29 Sep 2017 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PAMT-COMP-CMSD

Tot Ion:	276	Resp:	599865
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	31.1	21.8	32.8

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