

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099026.D
 Acq On : 3 Oct 2017 12:48
 Operator : SJ/JU
 Sample : PB102810BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Manual Integrations
 APPROVED

Sohil
 10/4/2017 7:21:14 PM

Quant Time: Oct 03 18:41:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 17:12:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	136289	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	577808	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	263466	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	468264	20.00	ng	0.00
75) Chrysene-d12	14.04	240	326496	20.00	ng	0.00
86) Perylene-d12	15.52	264	267989	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1080640	126.22	ng	0.02
7) Phenol-d6	6.51	99	1325564	125.51	ng	0.00
23) Nitrobenzene-d5	7.44	82	819783	90.99	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	291172	135.06	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1485026	94.10	ng	0.00
78) Terphenyl-d14	12.99	244	1266376	88.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	148065	36.205	ng	97
3) Pyridine	3.52	79	428666	38.746	ng	97
4) n-Nitrosodimethylamine	3.48	42	180785	38.535	ng	85
6) Aniline	6.54	93	267240	18.748	ng	100
8) 2-Chlorophenol	6.66	128	395948	40.839	ng	97
9) Benzaldehyde	6.43	77	198480	32.397	ng	95
10) Phenol	6.52	94	486876	41.220	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	376010	40.948	ng	99
12) 1,3-Dichlorobenzene	6.82	146	416211	40.991	ng	99
13) 1,4-Dichlorobenzene	6.89	146	419011	40.559	ng	98
14) 1,2-Dichlorobenzene	7.05	146	392609	41.129	ng	98
15) Benzyl Alcohol	7.02	79	335057	43.245	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	573667	40.098	ng	98
17) 2-Methylphenol	7.13	107	342900	43.224	ng	98
18) Hexachloroethane	7.39	117	149474	40.253	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	263681	39.104	ng	98
20) 3+4-Methylphenols	7.28	107	404416	40.297	ng	# 74
22) Acetophenone	7.29	105	531184	37.944	ng	# 97
24) Nitrobenzene	7.46	77	407620	39.882	ng	98
25) Isophorone	7.70	82	767739	41.214	ng	98
26) 2-Nitrophenol	7.77	139	224279	45.633	ng	90
27) 2,4-Dimethylphenol	7.80	122	385562	41.540	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	490231	42.229	ng	99
29) 2,4-Dichlorophenol	8.02	162	348032	43.673	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	335765	42.127	ng	99
31) Naphthalene	8.18	128	1144218	42.164	ng	100
32) Benzoic acid	7.93	122	229925	30.157	ng	99
33) 4-Chloroaniline	8.22	127	102679	9.061	ng	96
34) Hexachlorobutadiene	8.29	225	164530	40.077	ng	99
35) Caprolactam	8.60	113	127159m	49.744	ng	
36) 4-Chloro-3-methylphenol	8.71	107	367279	41.004	ng	96
37) 2-Methylnaphthalene	8.87	142	799132	45.298	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	305908	38.933	ng	99
40) Hexachlorocyclopentadiene	9.02	237	291225	81.104	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	229496	41.229	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	238032	42.837	nq	98
45) 1,1'-Biphenyl	9.33	154	916117	40.459	nq	99
46) 2-Chloronaphthalene	9.36	162	719561	42.324	nq	97
47) 2-Nitroaniline	9.46	65	219405	42.147	nq	96
48) Acenaphthylene	9.78	152	1111793	42.719	nq	100
49) Dimethylphthalate	9.63	163	859844	43.241	nq	100
50) 2,6-Dinitrotoluene	9.70	165	190446	43.992	nq	95
51) Acenaphthene	9.95	154	667566	40.493	nq	100
52) 3-Nitroaniline	9.86	138	88189	17.471	nq	99
53) 2,4-Dinitrophenol	9.98	184	169583	75.588	nq	89
54) Dibenzofuran	10.12	168	993193	45.247	nq	99
55) 4-Nitrophenol	10.03	139	333964	78.245	nq	88
56) 2,4-Dinitrotoluene	10.10	165	261328	46.513	nq	96
57) Fluorene	10.46	166	759138	43.028	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	179890	46.865	nq	98
59) Diethylphthalate	10.33	149	821518	42.280	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	336878	42.507	nq	99
61) 4-Nitroaniline	10.49	138	211665	43.464	nq	92
62) Azobenzene	10.62	77	791125	44.282	nq	93
64) 4,6-Dinitro-2-methylphenol	10.52	198	109949	38.592	nq	83
65) n-Nitrosodiphenylamine	10.57	169	684678	42.206	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	200686	43.784	nq	# 89
67) Hexachlorobenzene	11.01	284	200416	40.940	nq	99
68) Atrazine	11.10	200	220653	45.209	nq	99
69) Pentachlorophenol	11.20	266	212598	69.780	nq	98
70) Phenanthrene	11.43	178	1065134	42.495	nq	99
71) Anthracene	11.48	178	1099667	42.878	nq	100
72) Carbazole	11.63	167	1048561	41.751	nq	99
73) Di-n-butylphthalate	11.95	149	1270054	42.014	nq	100
74) Fluoranthene	12.62	202	1087527	42.848	nq	99
76) Benzidine	12.73	184	278621	23.072	nq	99
77) Pyrene	12.85	202	1105818	44.417	nq	100
79) Butylbenzylphthalate	13.45	149	525459	44.908	nq	97
80) Benzo(a)anthracene	14.03	228	854445	43.219	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	102685	14.168	nq	98
82) Chrysene	14.07	228	802893	42.657	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	702999	43.634	nq	# 99
84) Di-n-octyl phthalate	14.62	149	1116092	43.021	nq	97
85) Indeno(1,2,3-cd)pyrene	17.00	276	678011	45.031	nq	96
87) Benzo(b)fluoranthene	15.08	252	749989m	45.517	nq	
88) Benzo(k)fluoranthene	15.12	252	664298	40.818	nq	99
89) Benzo(a)pyrene	15.46	252	668701	44.212	nq	98
90) Dibenzo(a,h)anthracene	17.02	278	558996	46.182	nq	96
91) Benzo(g,h,i)perylene	17.46	276	575480	48.098	nq	95

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

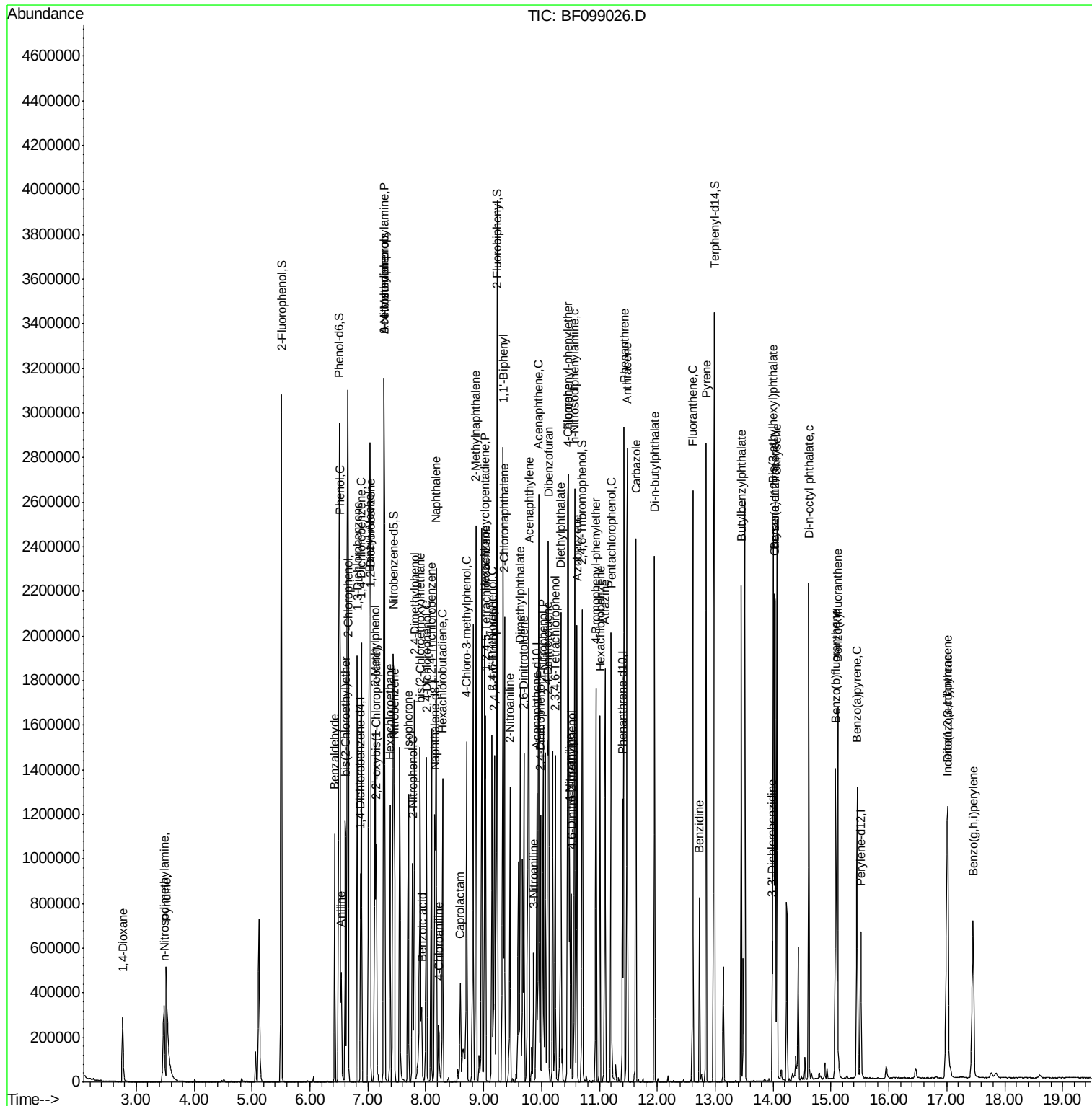
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\  
Data File : BF099026.D  
Acq On    : 3 Oct 2017 12:48  
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Sample    : PB102810BS  
Misc      :  
ALS Vial  : 4 Sample Multiplier: 1
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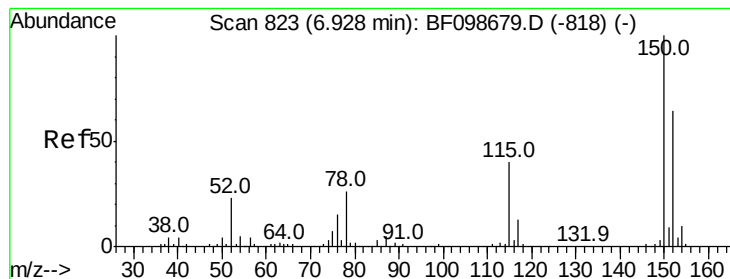
Instrument :
BNA_F
ClientSampleId :
PB102810BS

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#1

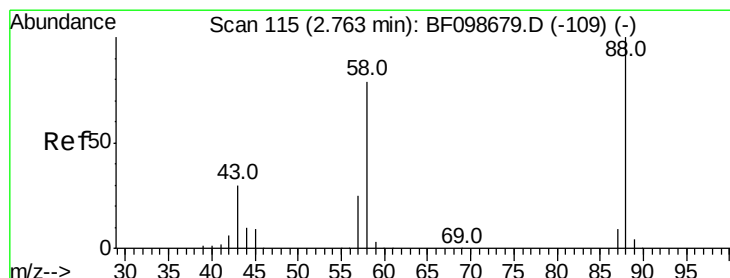
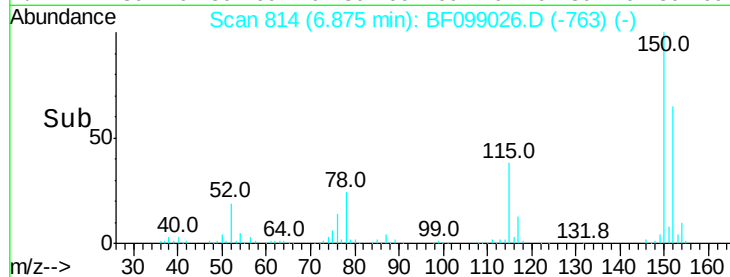
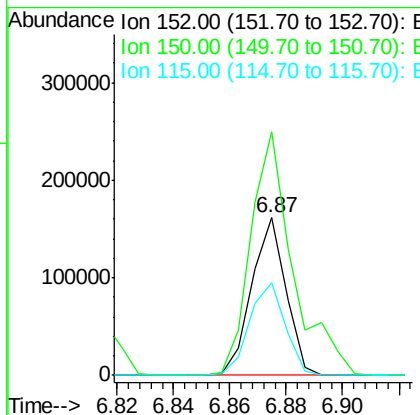
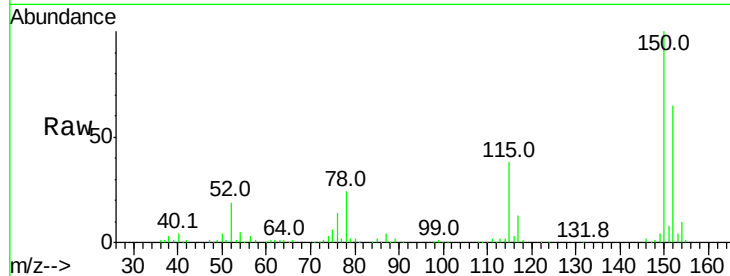
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	58.7	50.1	75.1

Manual Integrations
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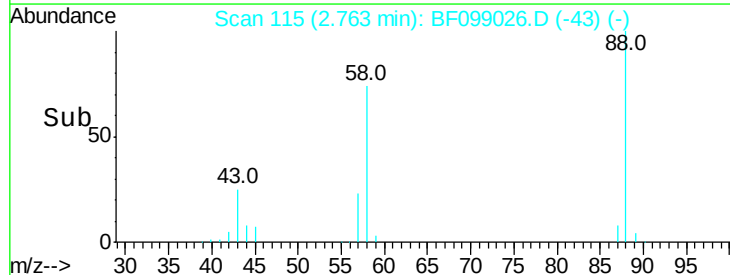
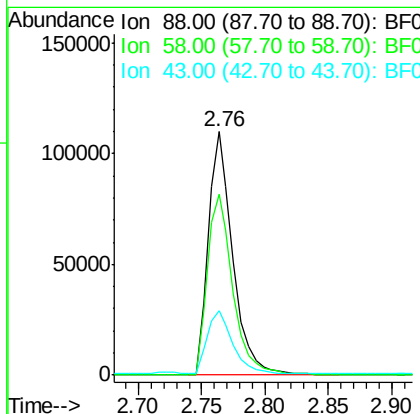
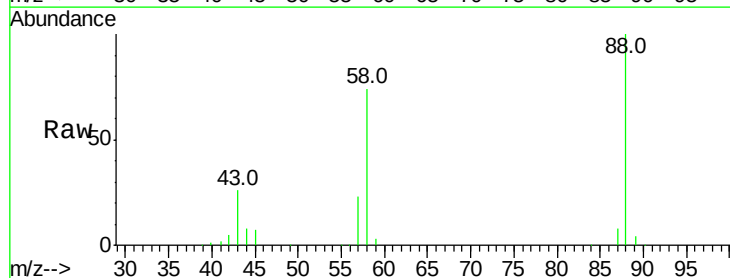
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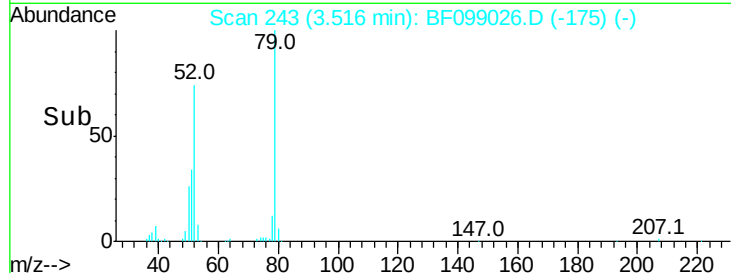
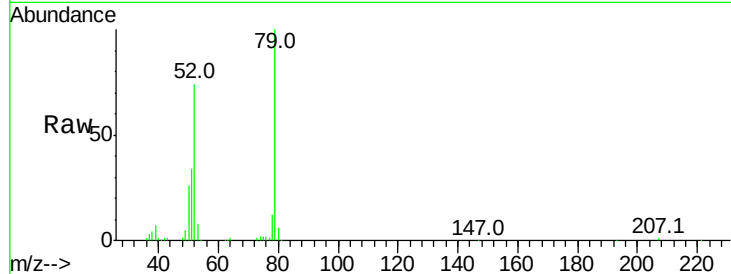
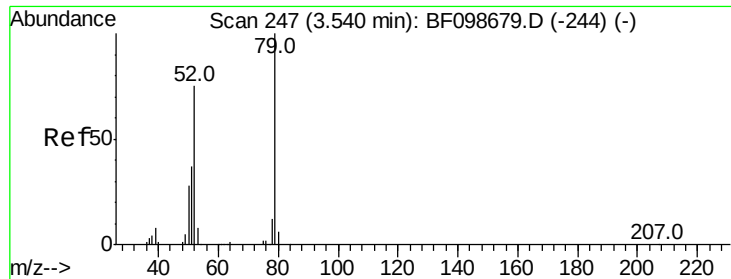


#2

1,4-Dioxane
Concen: 36.205 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.12 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	62.6	93.8
43	26.8	24.6	37.0





#3

Pvridine

Concen: 38.746 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.10 min

Lab File: BF099026.D

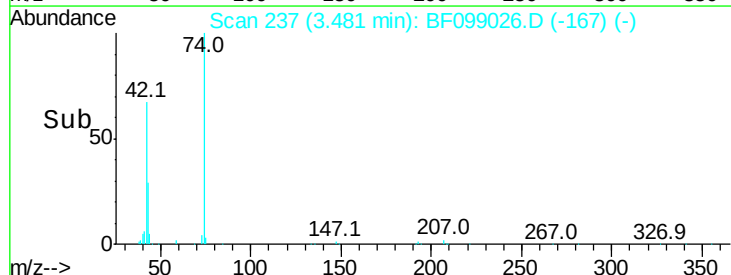
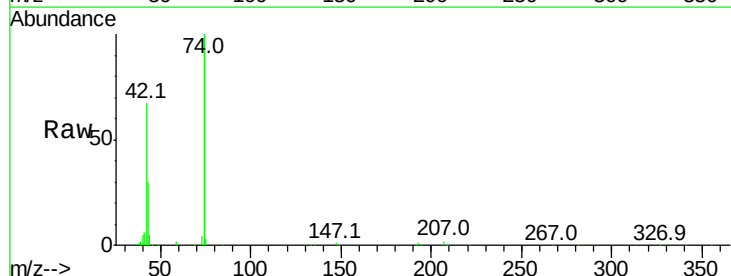
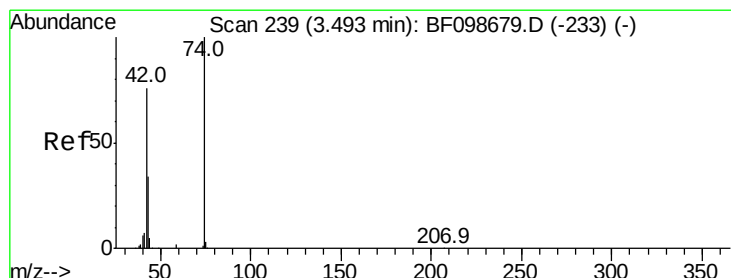
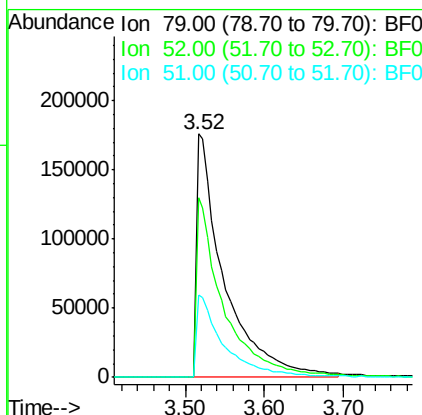
Acq: 3 Oct 2017 12:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.5	59.8	89.6
51	34.0	29.8	44.8

Instrument :
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ClientSampleId :
PB102810BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.535 ng

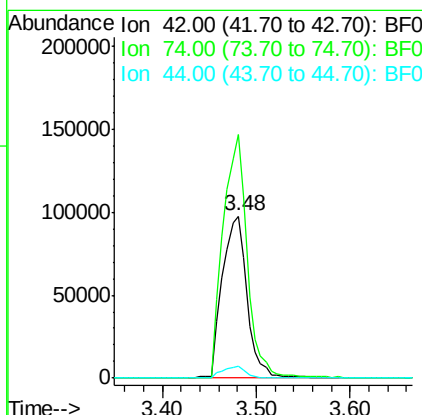
RT: 3.48 min Scan# 237

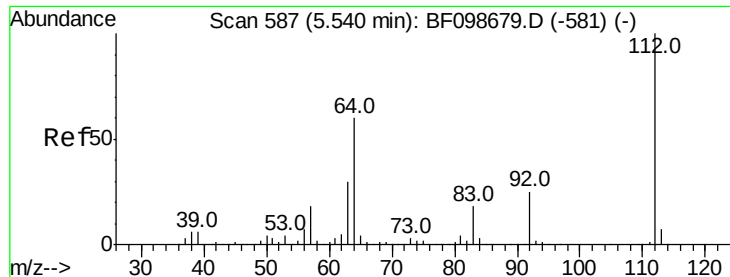
Delta R.T. 0.11 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.0	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 126.222 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB102810BS

Tot Ion:112 Resp: 1080640

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

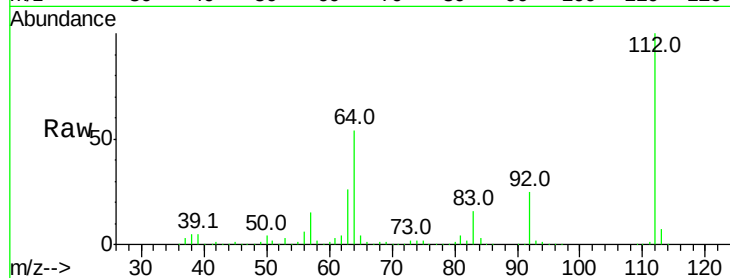
63 26.1 23.7 35.5

Manual Integrations

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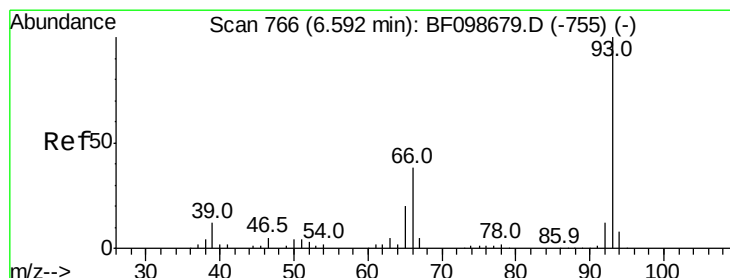
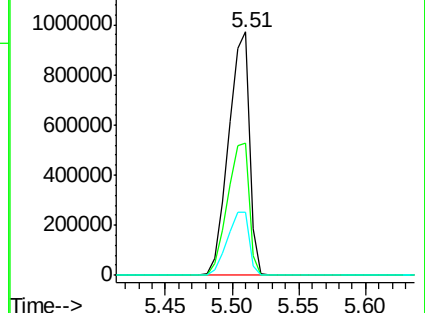
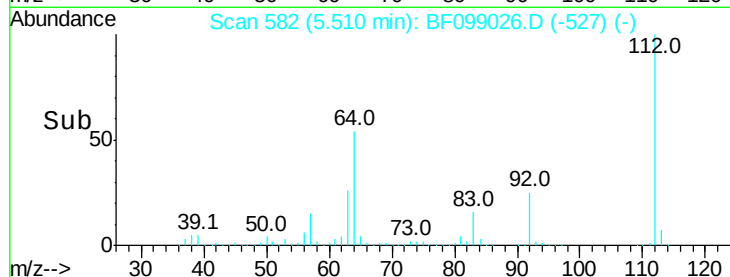
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.748 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

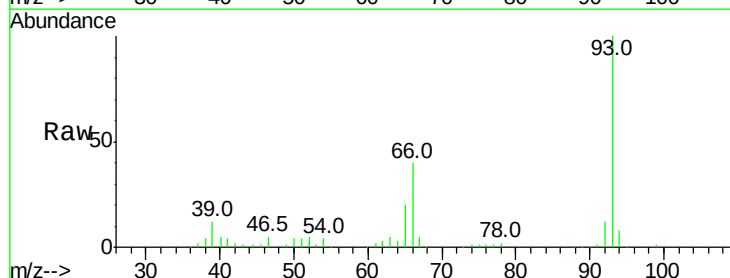
Tgt Ion: 93 Resp: 267240

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

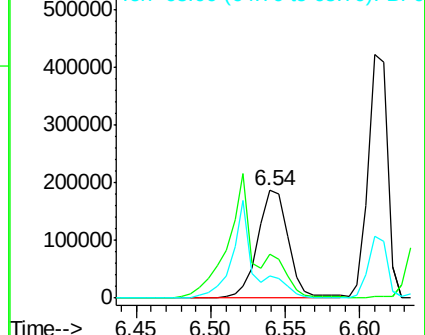
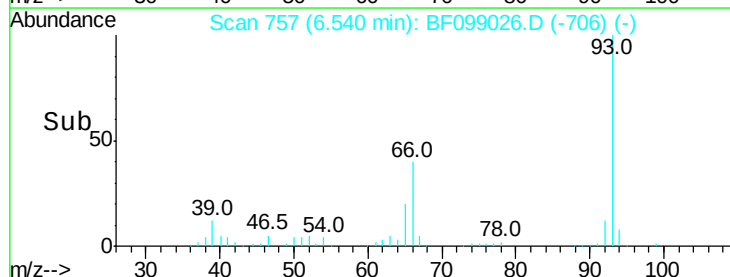
65 20.2 16.4 24.6

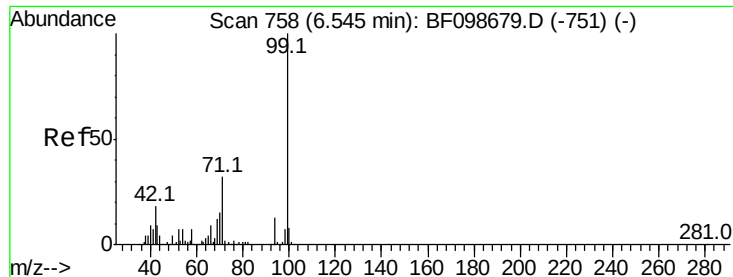


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.510 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB102810BS

Tot Ion: 99 Resp: 1325564

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

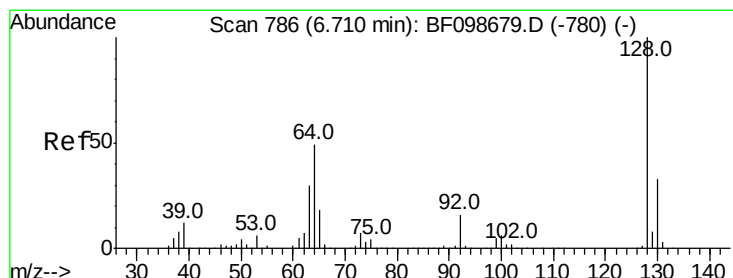
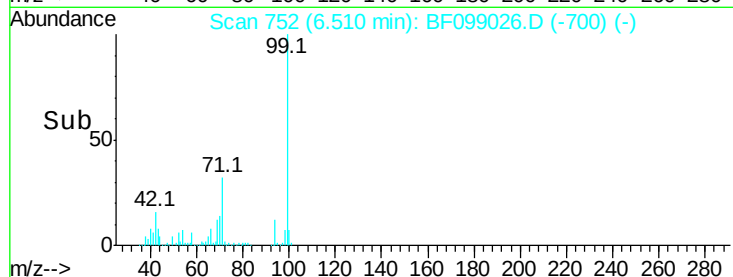
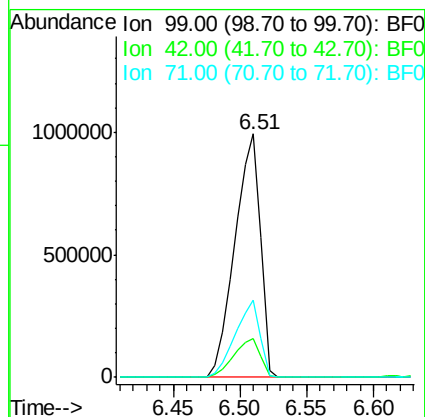
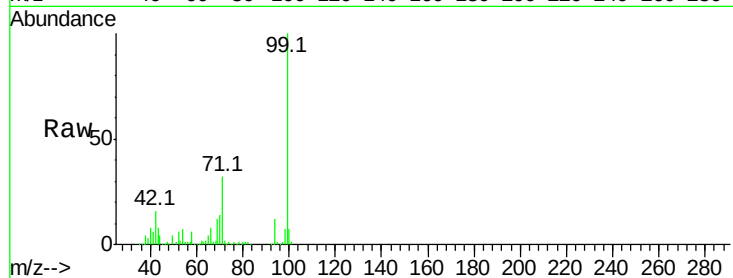
71 31.6 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.839 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

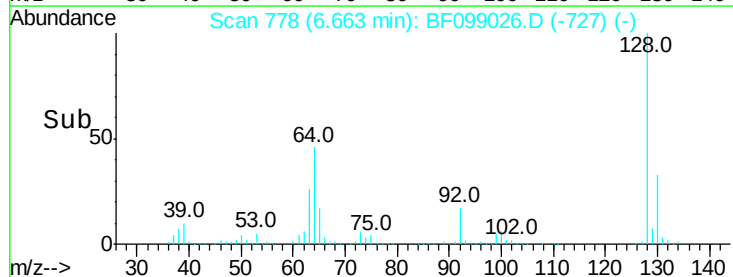
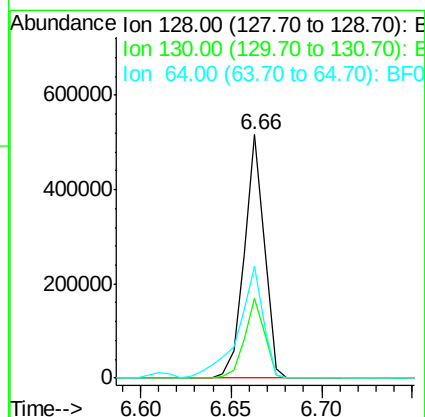
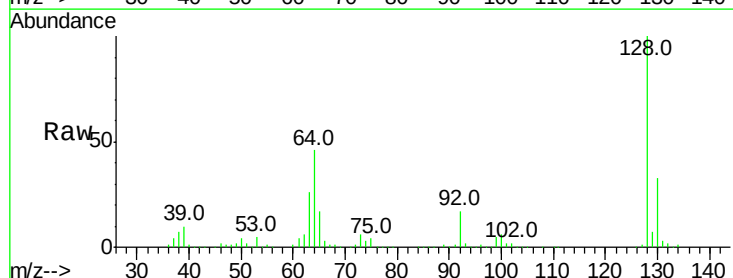
Tgt Ion: 128 Resp: 395948

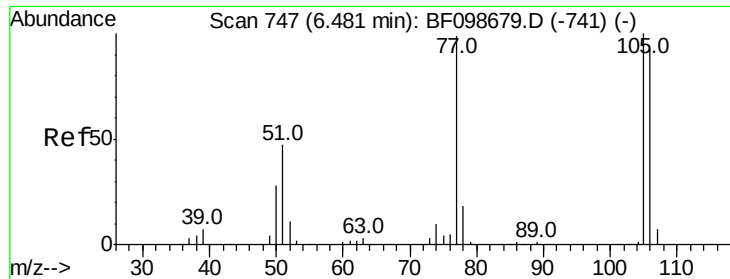
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 45.9 29.4 69.4





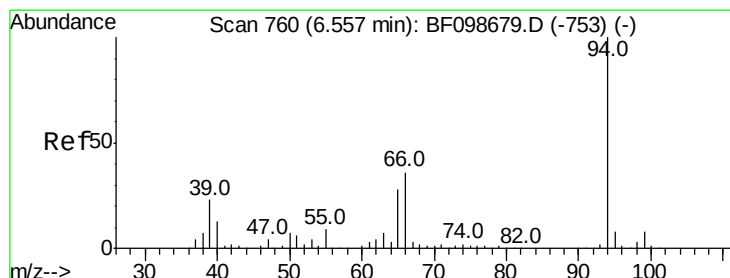
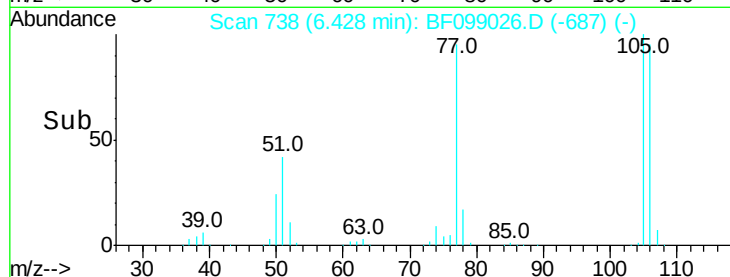
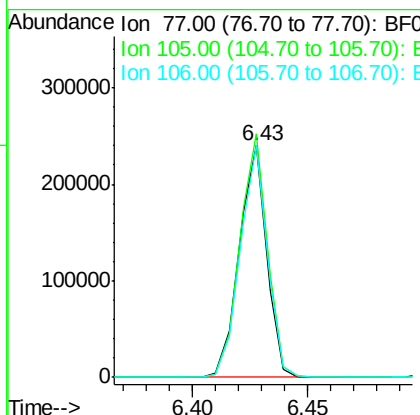
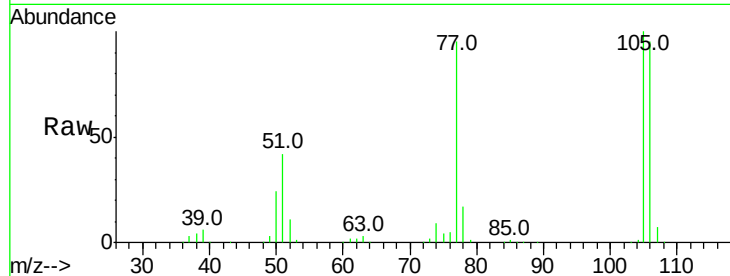
#9
Benzaldehyde
Concen: 32.397 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

Tot Ion: 77 Resp: 198480
Ion Ratio Lower Upper
77 100
105 105.2 81.1 121.1
106 100.0 74.5 114.5

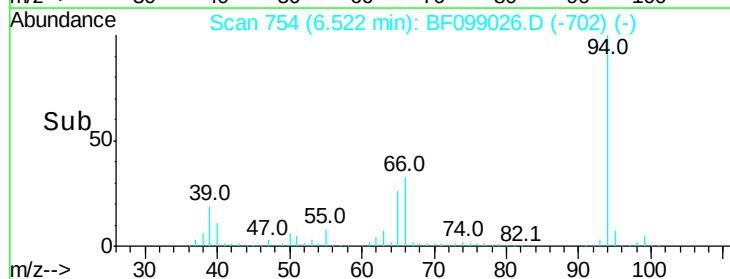
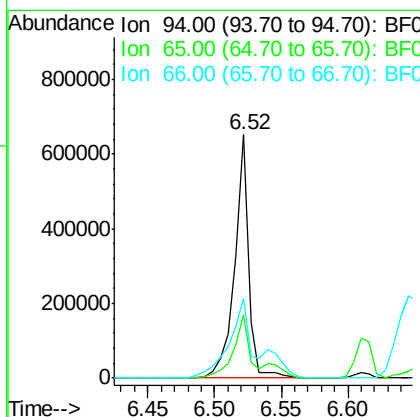
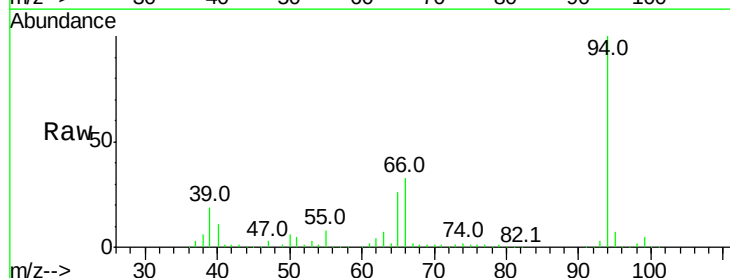
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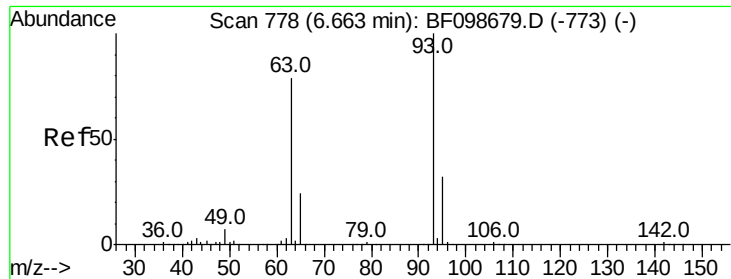
Sohil
10/4/2017 7:21:14 PM



#10
Phenol
Concen: 41.220 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion: 94 Resp: 486876
Ion Ratio Lower Upper
94 100
65 26.0 7.9 47.9
66 33.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.948 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

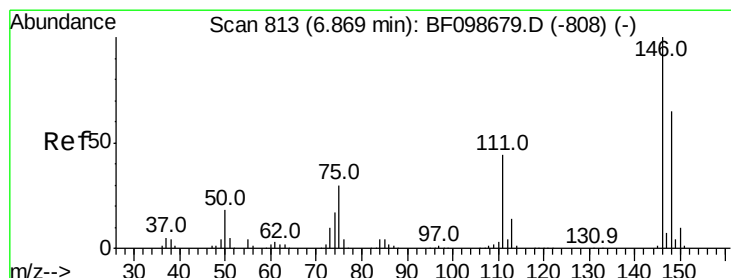
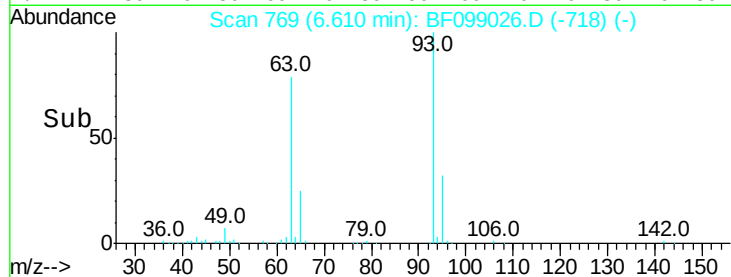
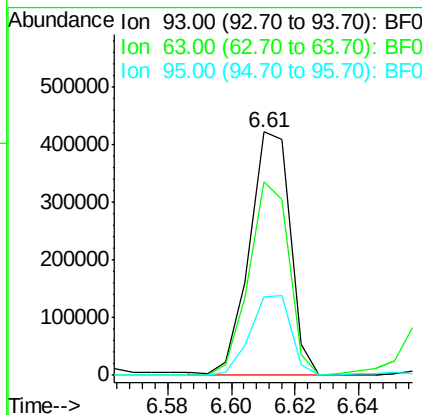
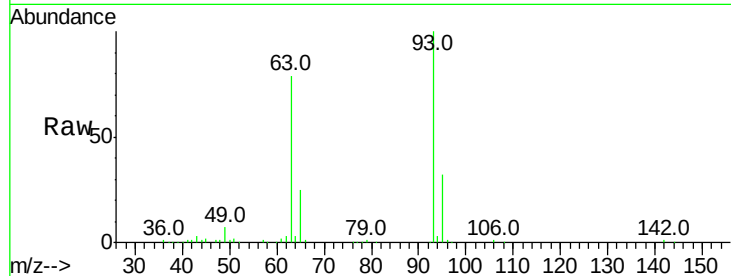
ClientSampleId :

PB102810BS

Tot Ion	93	Resp	376010
Ion Ratio	Lower	Upper	
93	100		
63	79.4	58.6	98.6
95	32.2	11.8	51.8

Manual Integrations
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Sohil
10/4/2017 7:21:14 PM



#12

1,3-Dichlorobenzene

Concen: 40.991 ng

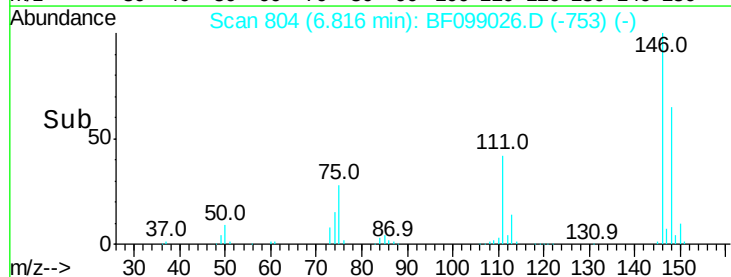
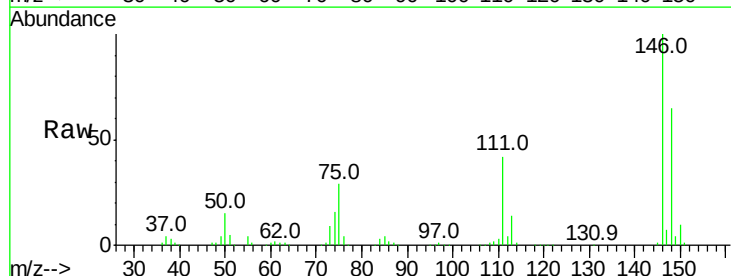
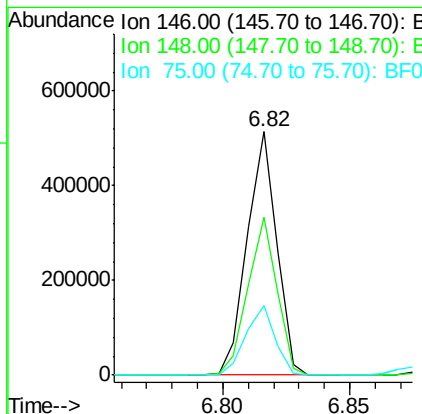
RT: 6.82 min Scan# 804

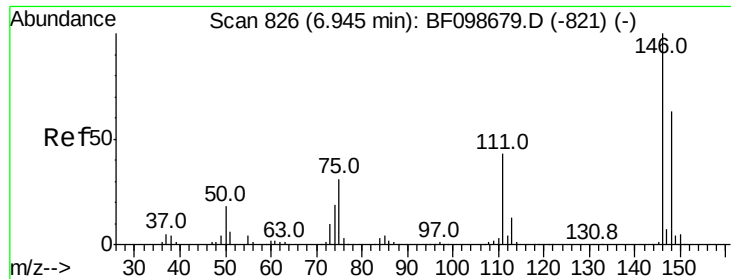
Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion	146	Resp	416211
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	28.8	24.2	36.4





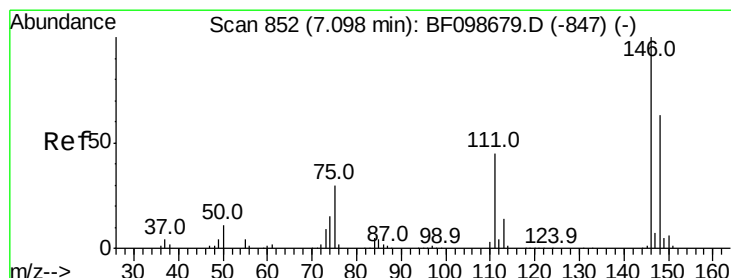
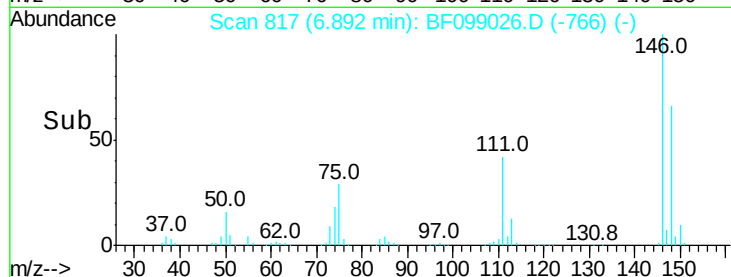
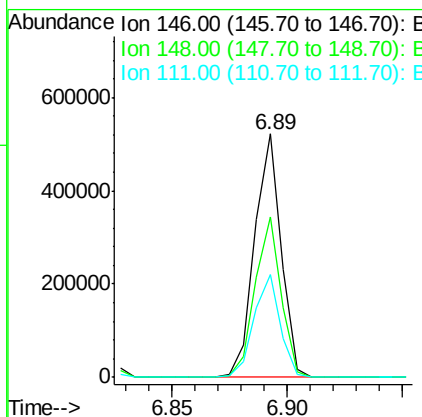
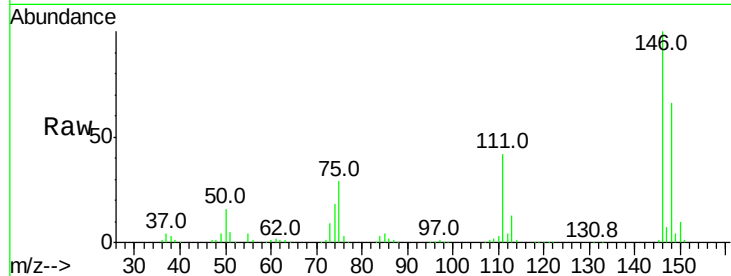
#13
 1,4-Dichlorobenzene
 Concen: 40.559 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.8	76.2
111	42.3	34.2	51.2

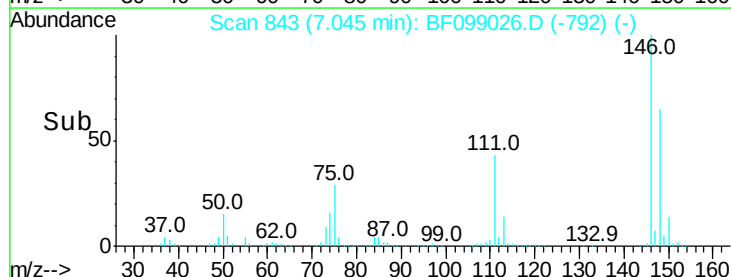
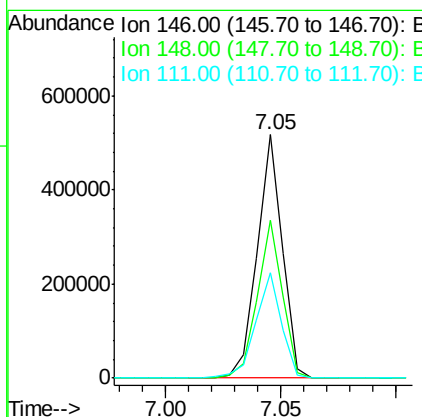
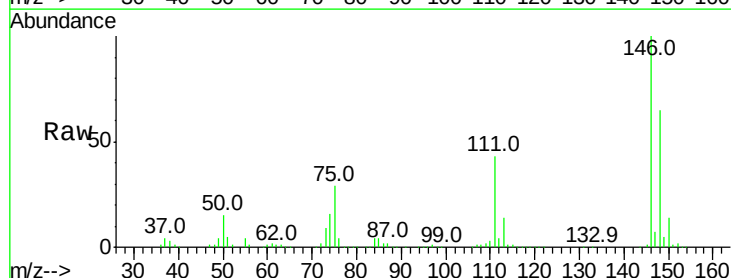
Manual Integrations
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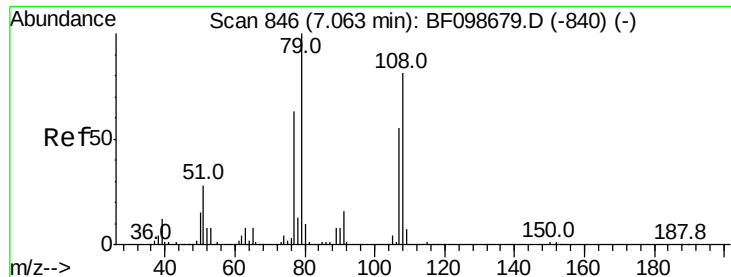
Sohil
 10/4/2017 7:21:14 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.129 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	75.8
111	43.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 43.245 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

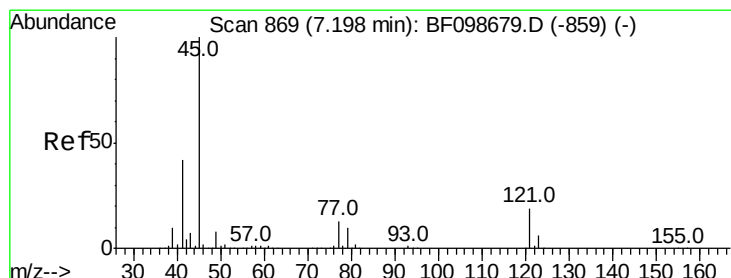
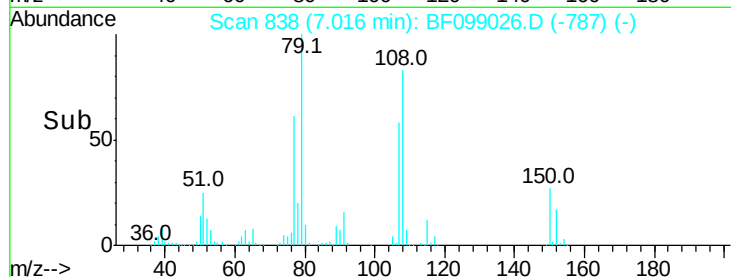
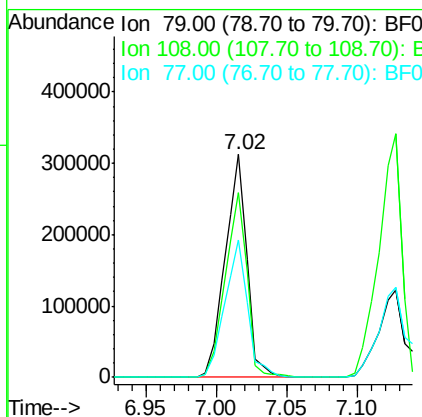
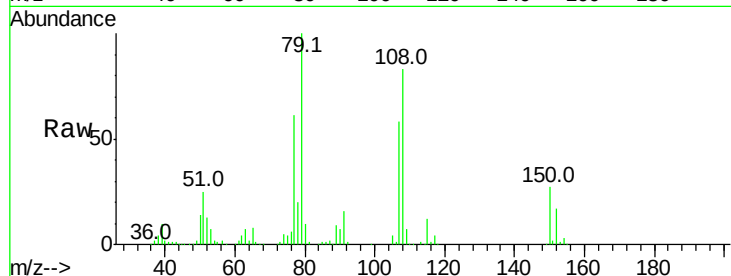
ClientSampled :

PB102810BS

Tot Ion:	79	Resp:	335057
Ion Ratio	Lower	Upper	
79	100		
108	83.0	65.1	97.7
77	61.5	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.098 ng

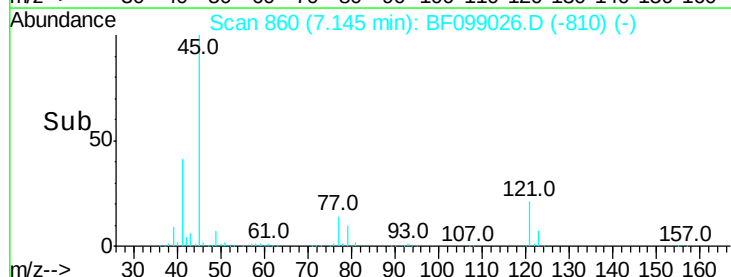
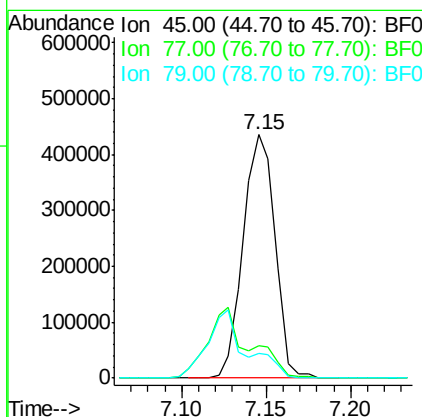
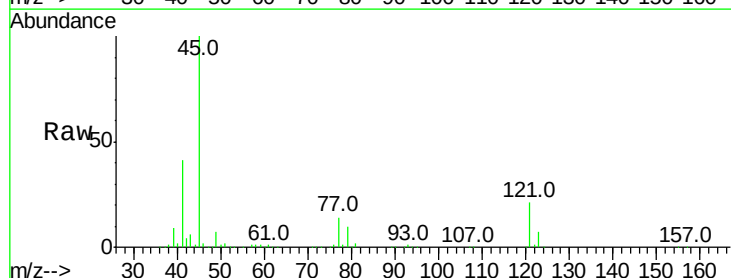
RT: 7.15 min Scan# 860

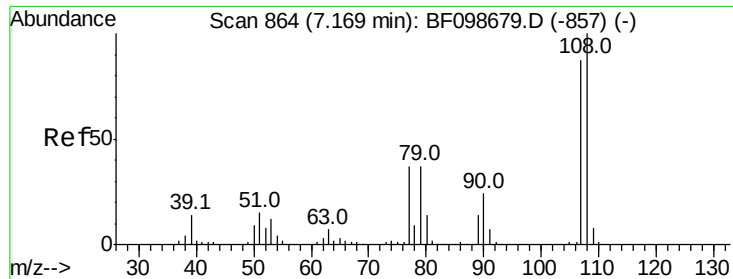
Delta R.T. -0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion:	45	Resp:	573667
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	32.9
79	10.3	0.0	29.6





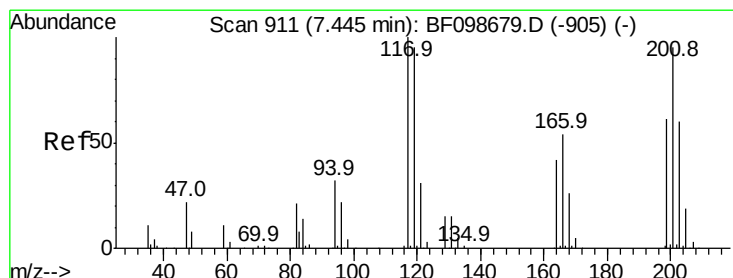
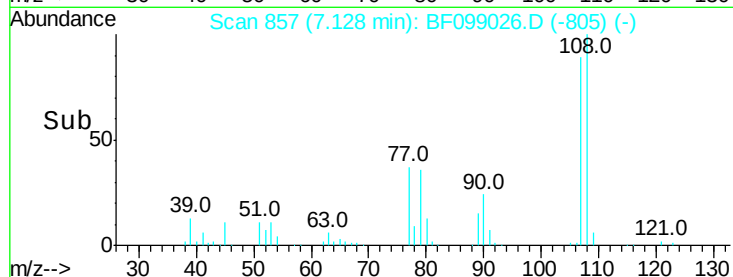
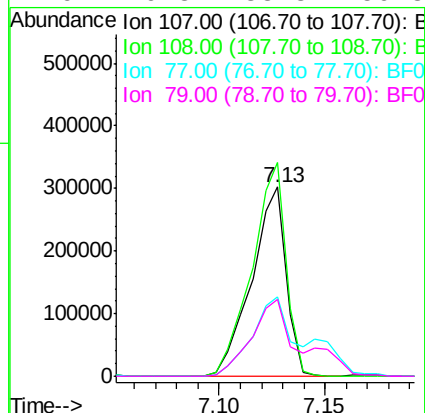
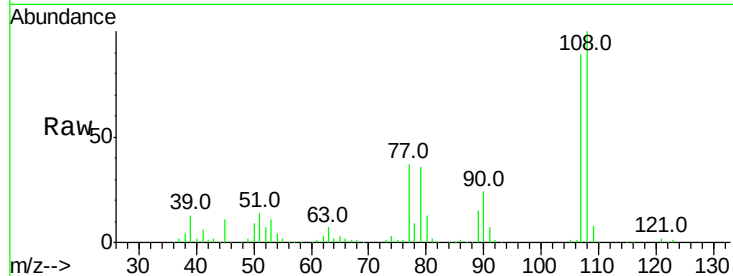
#17
2-Methylphenol
Concen: 43.224 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampled :
PB102810BS

Tot Ion	107	Resp	342900
Ion Ratio	Lower	Upper	
107	100		
108	113.0	91.7	137.5
77	41.7	33.8	50.8
79	40.3	33.8	50.8

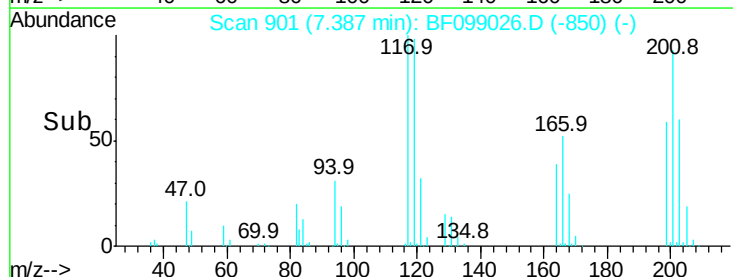
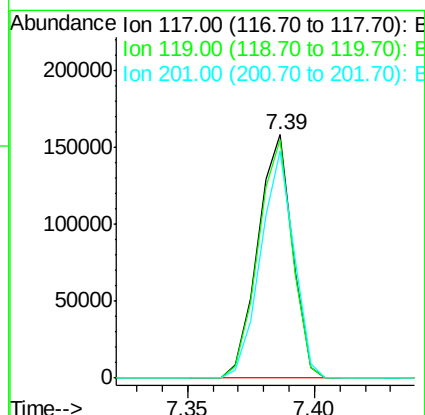
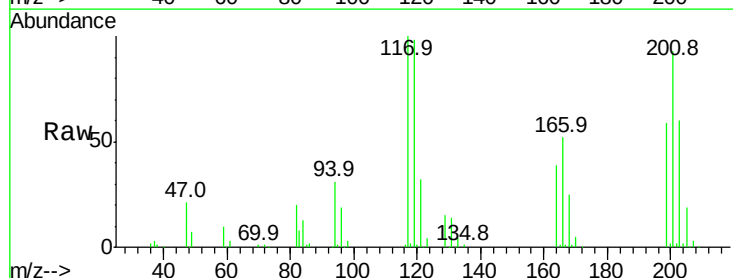
Manual Integrations
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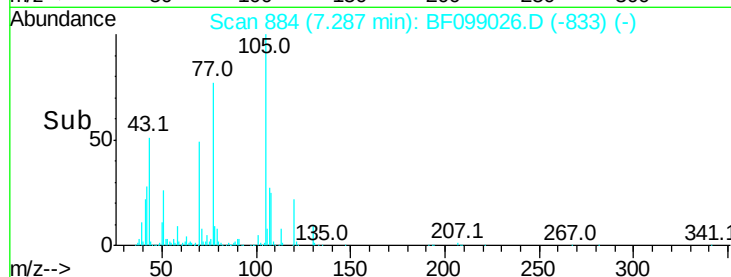
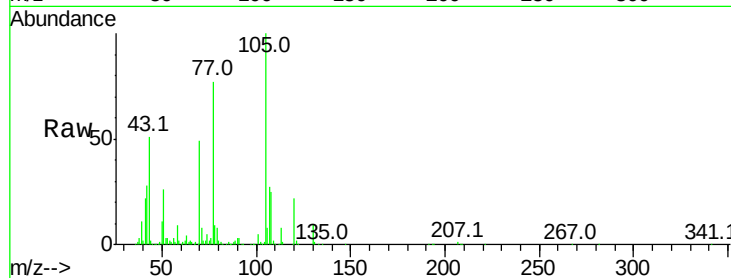
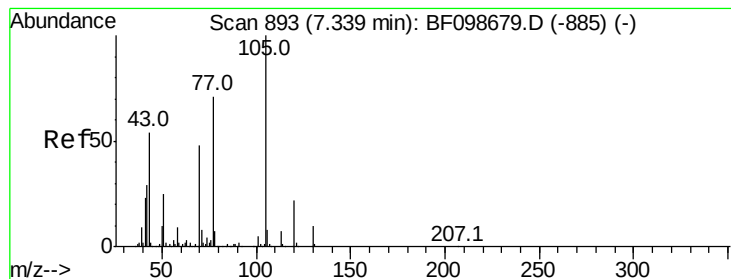
Sohil
10/4/2017 7:21:14 PM



#18
Hexachloroethane
Concen: 40.253 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	117	Resp	149474
Ion Ratio	Lower	Upper	
117	100		
119	98.0	75.8	113.8
201	93.4	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.104 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB102810BS

Tot Ion: 70 Resp: 263681

Ion Ratio Lower Upper

70 100

42 57.6 47.5 71.3

101 9.8 7.4 11.2

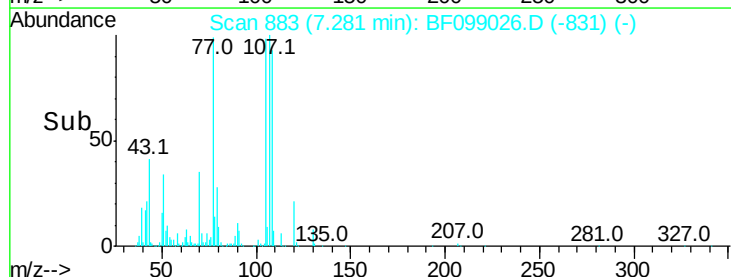
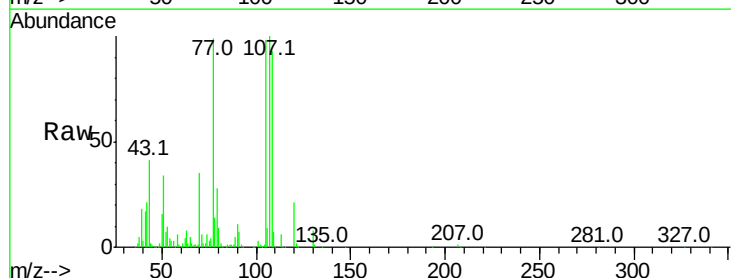
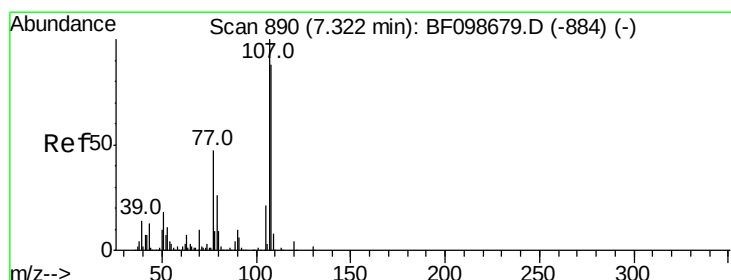
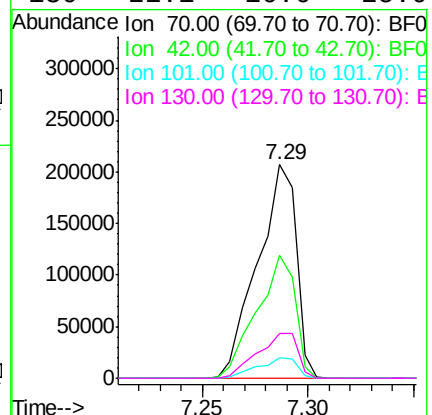
130 21.1 16.6 25.0

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#20

3+4-Methylphenols

Concen: 40.297 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion: 107 Resp: 404416

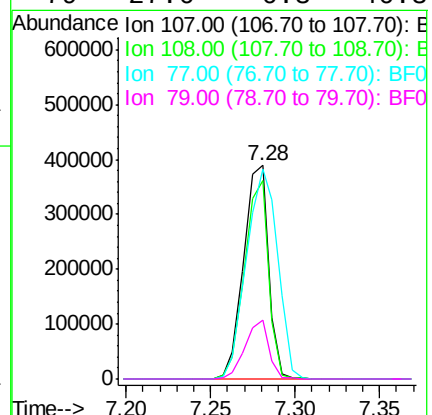
Ion Ratio Lower Upper

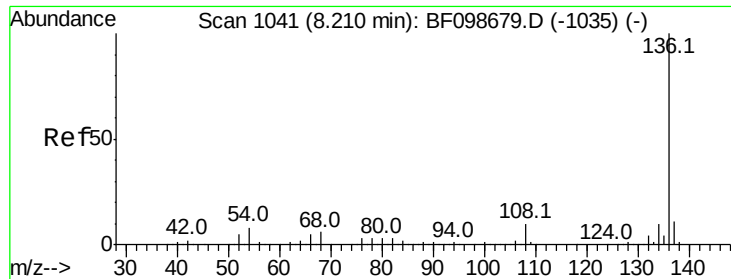
107 100

108 93.0 68.2 108.2

77 98.5 26.7 66.7#

79 27.6 6.3 46.3





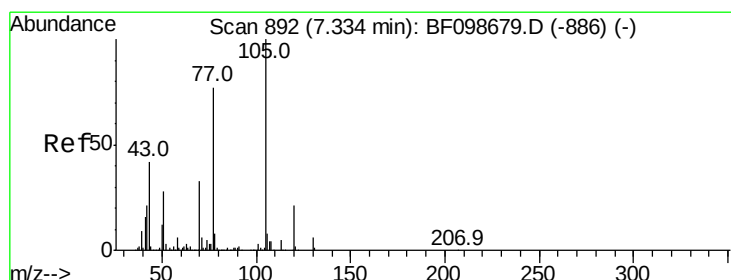
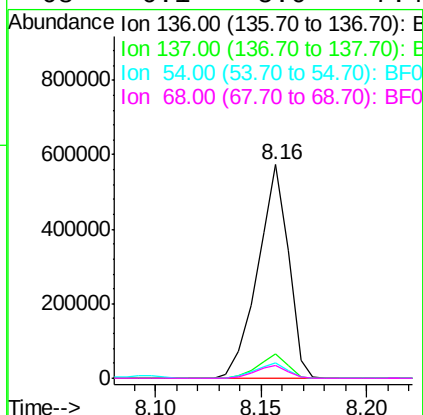
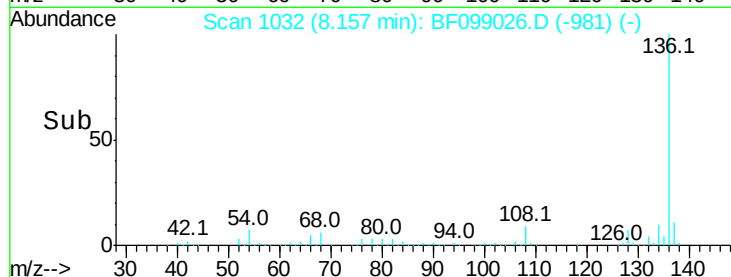
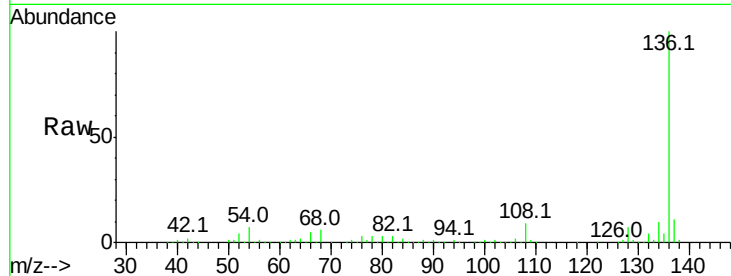
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.2	6.6	9.8	
68	6.1	5.0	7.4	

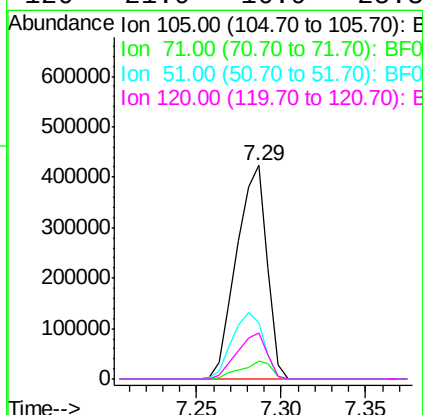
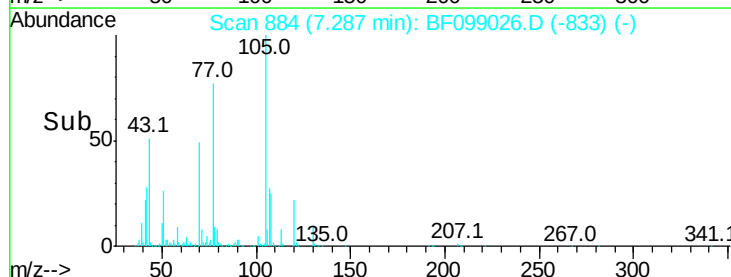
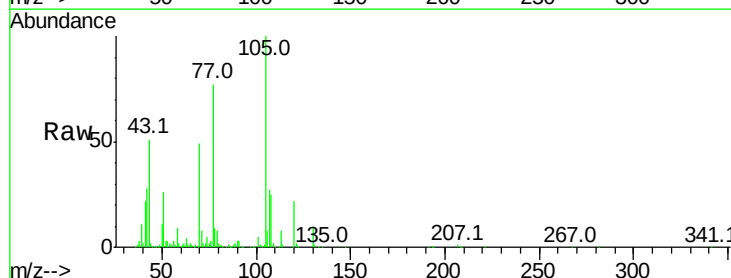
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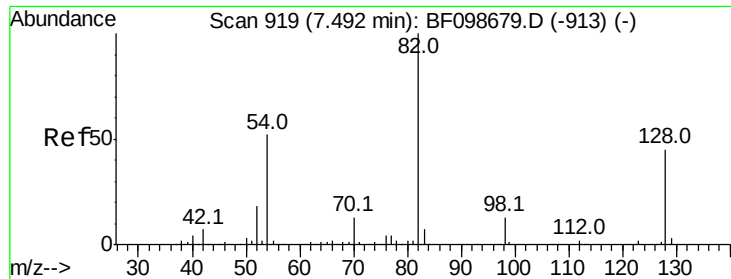
Sohil
10/4/2017 7:21:14 PM



#22
Acetophenone
Concen: 37.944 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.3	4.4	6.6#	
51	26.3	22.3	33.5	
120	21.9	16.9	25.3	





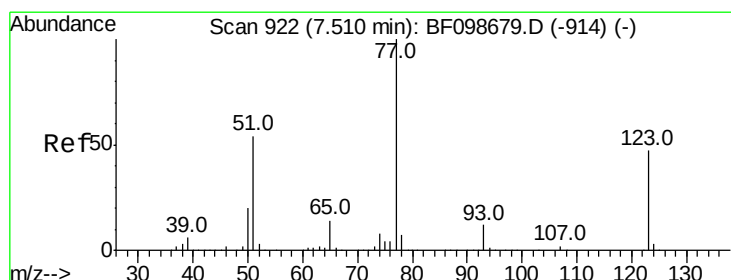
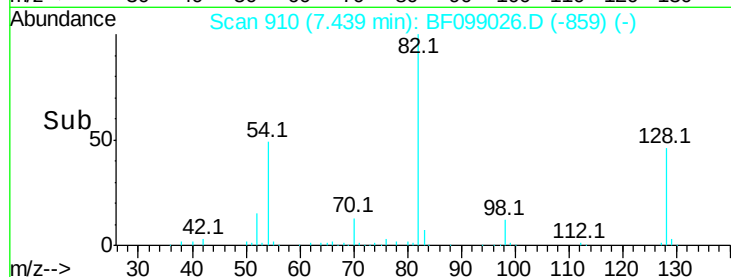
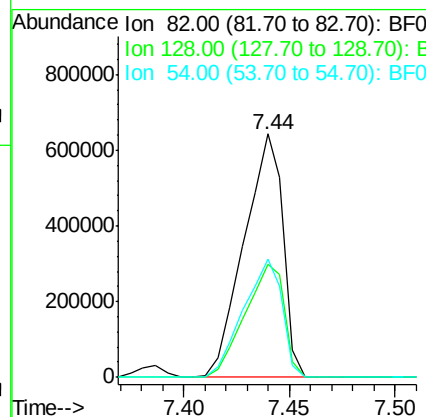
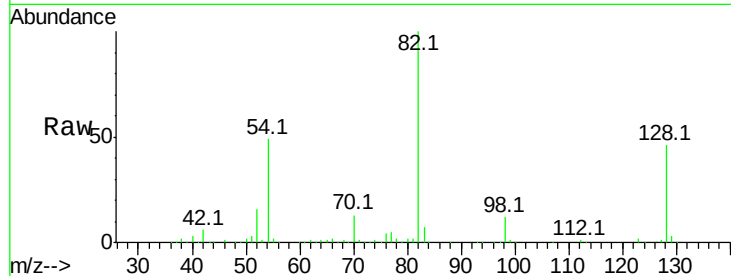
#23
 Nitrobenzene-d5
 Concen: 90.987 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	48.8	41.4	62.2

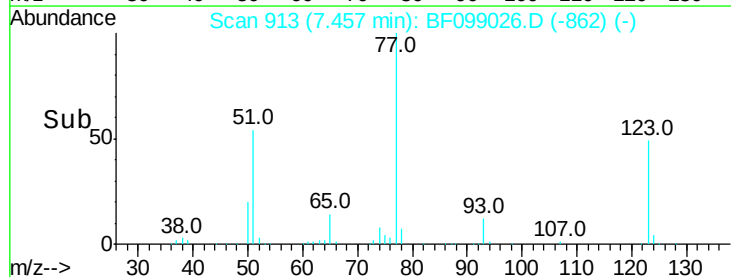
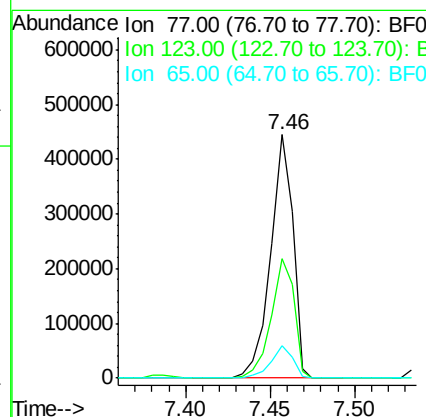
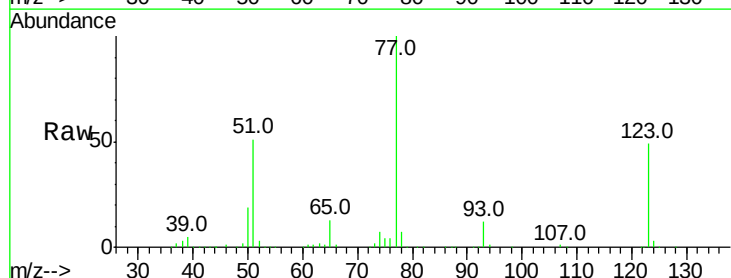
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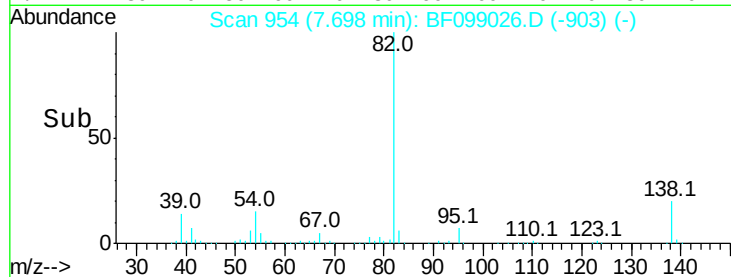
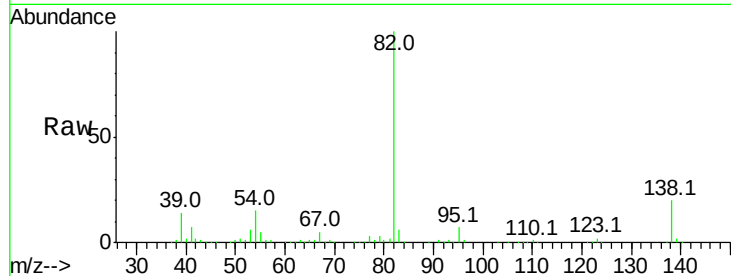
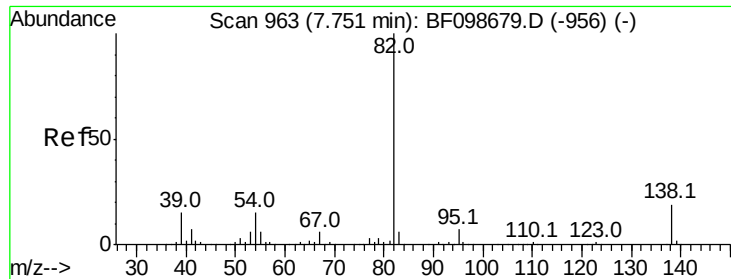
Sohil
 10/4/2017 7:21:14 PM



#24
 Nitrobenzene
 Concen: 39.882 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 41.214 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tot Ion:	82	Resp:	767739
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	19.9	14.9	22.3

Instrument :

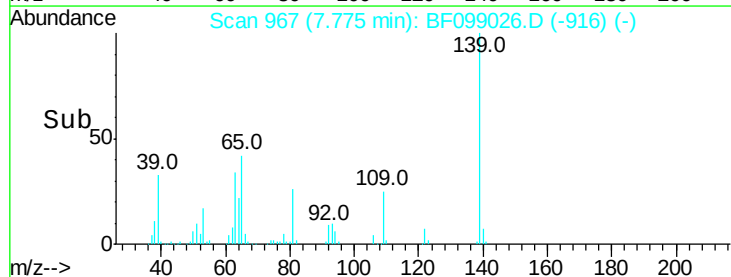
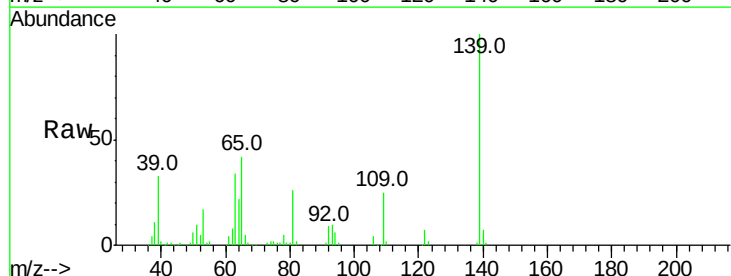
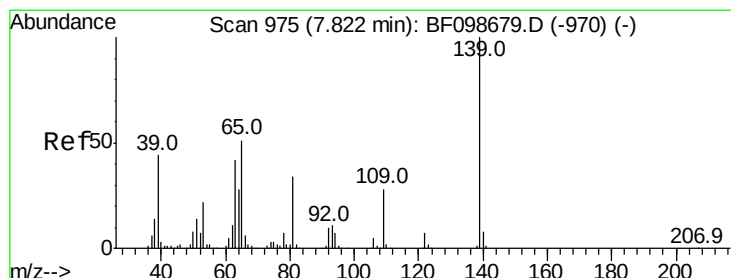
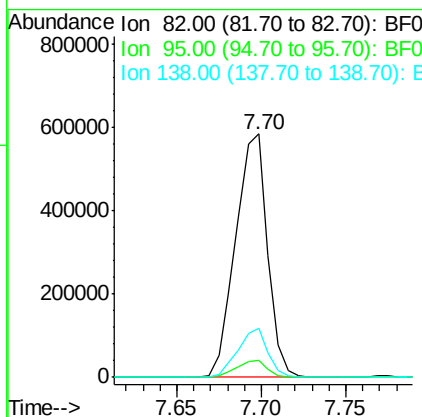
BNA_F

ClientSampleId :

PB102810BS

Manual Integrations
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10/4/2017 7:21:14 PM



#26

2-Nitrophenol

Concen: 45.633 ng

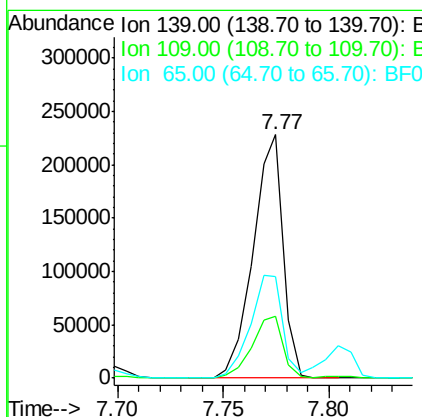
RT: 7.77 min Scan# 967

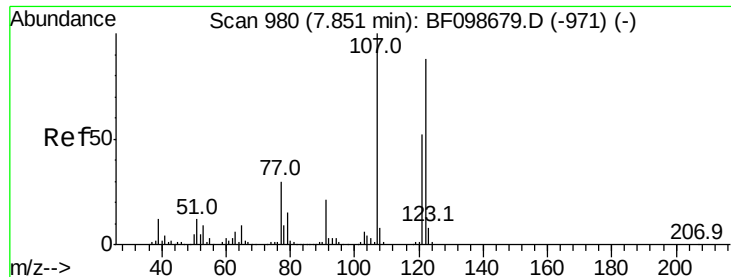
Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion:	139	Resp:	224279
Ion Ratio	Lower	Upper	
139	100		
109	25.2	22.7	34.1
65	41.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 41.540 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

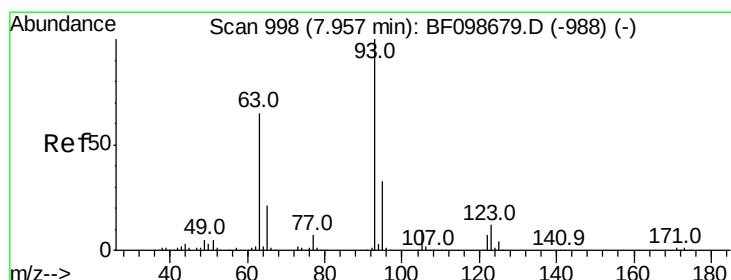
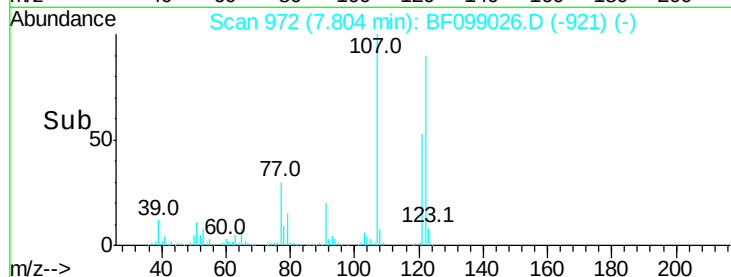
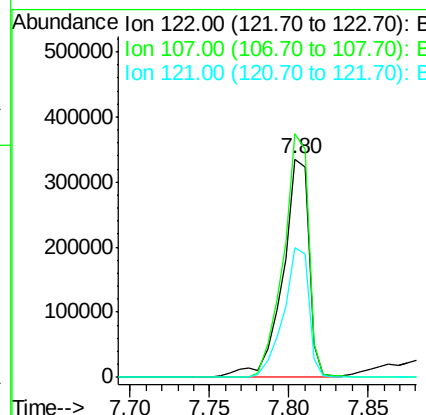
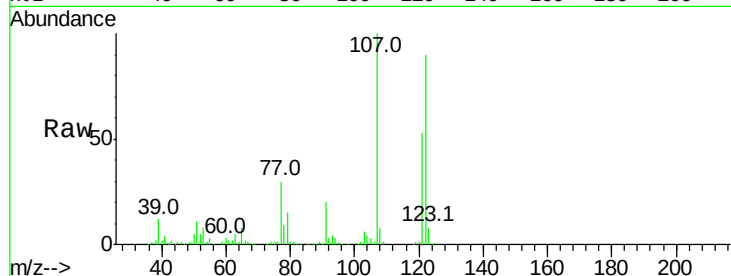
ClientSampled :

PB102810BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	385562		
107	111.6	91.2	136.8	
121	59.3	47.2	70.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 42.229 ng

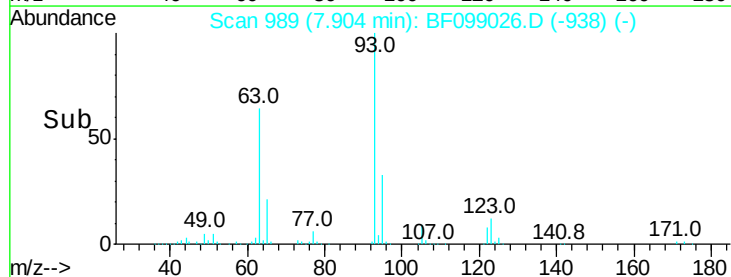
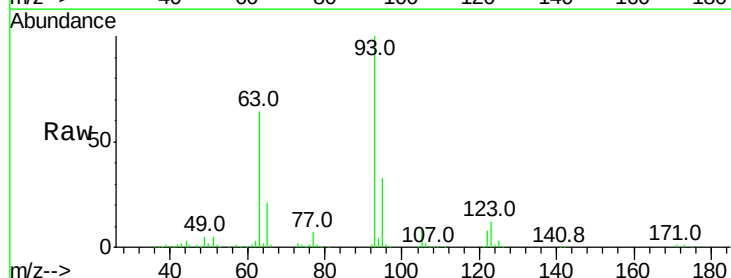
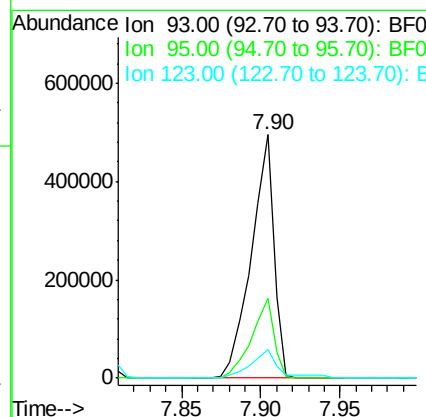
RT: 7.90 min Scan# 989

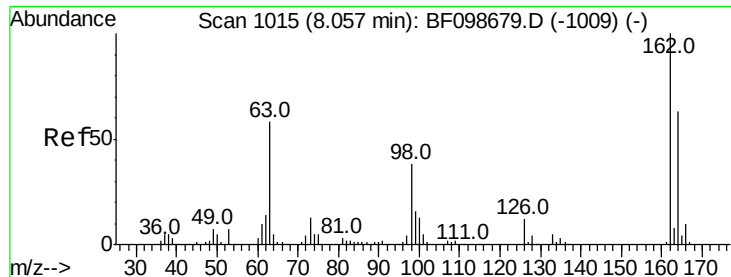
Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	490231		
95	32.6	26.3	39.5	
123	11.8	9.8	14.6	





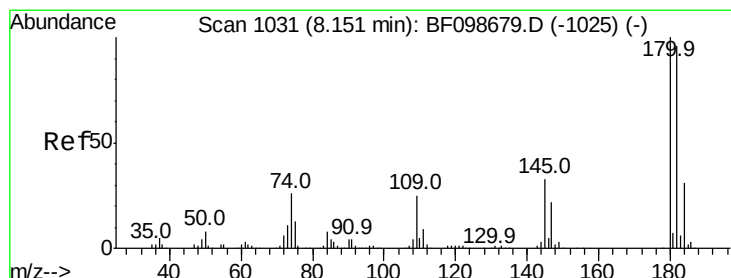
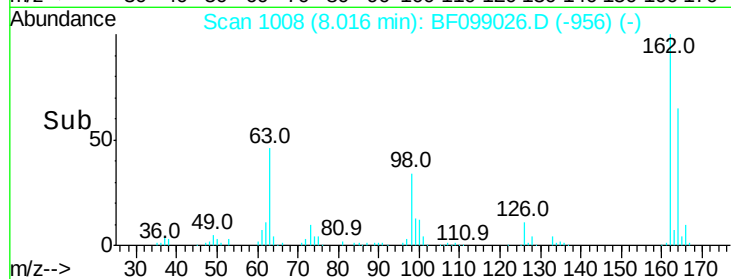
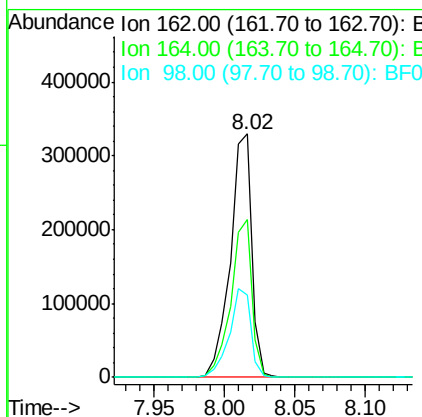
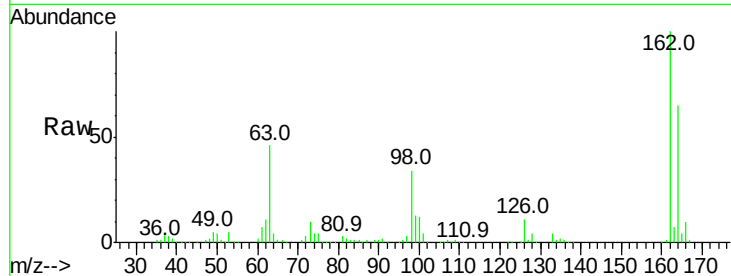
#29
 2,4-Dichlorophenol
 Concen: 43.673 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	42.7	82.7
98	33.6	18.1	58.1

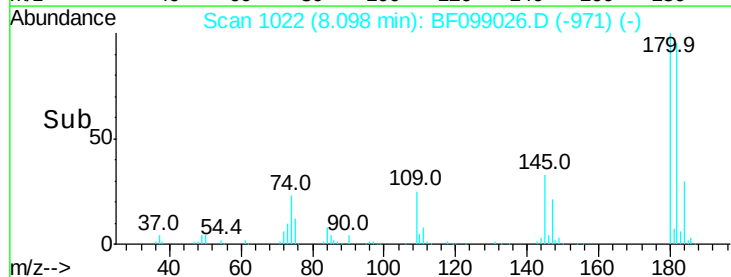
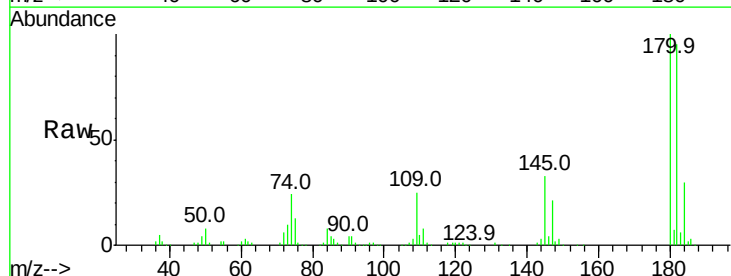
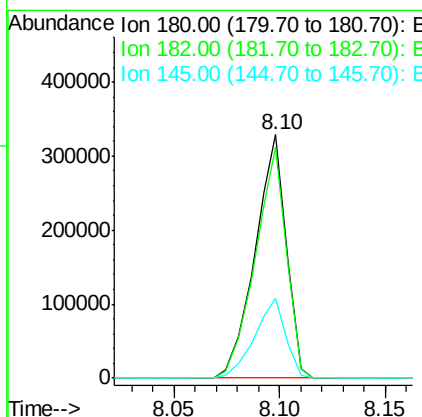
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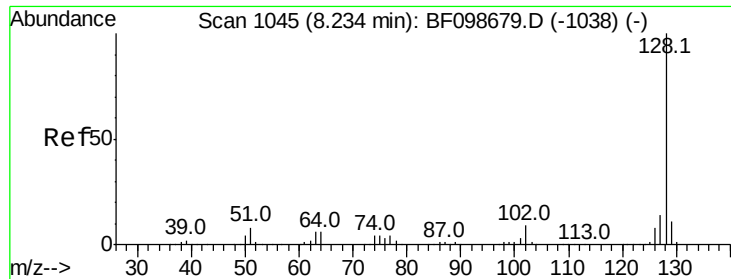
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.127 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	76.8	115.2
145	32.8	26.5	39.7





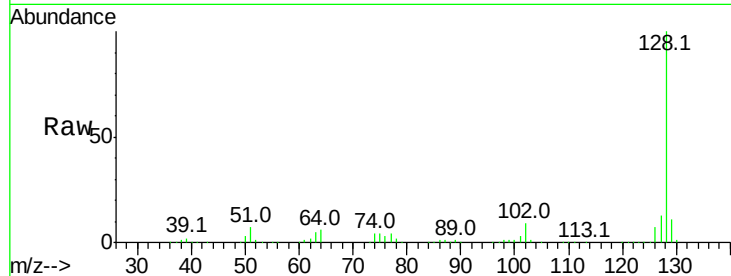
#31
Naphthalene
Concen: 42.164 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

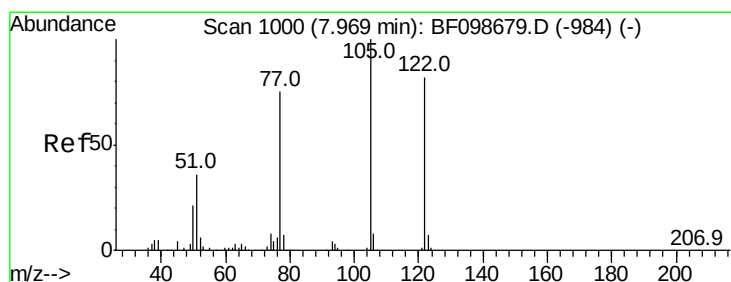
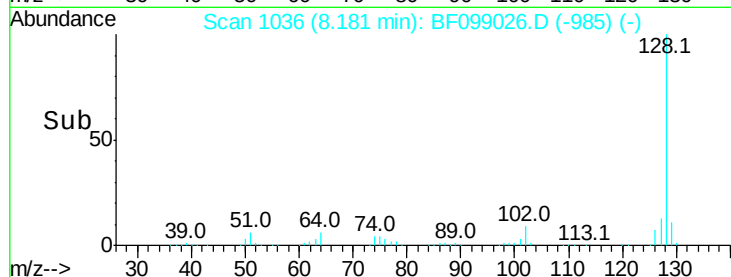
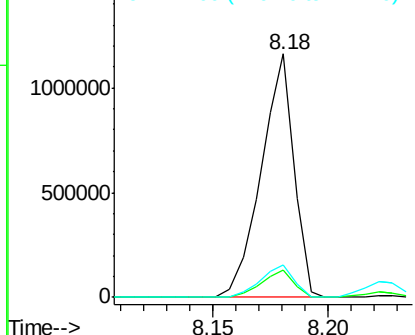
Tot Ion:128 Resp: 1144218
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3

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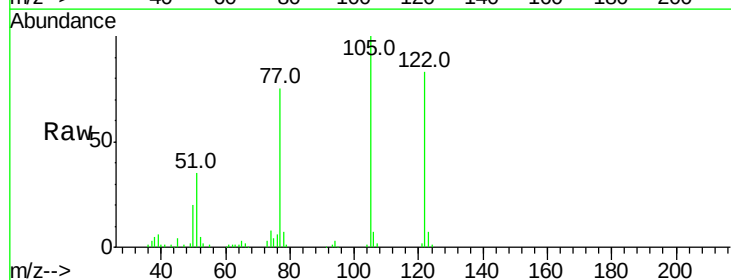


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

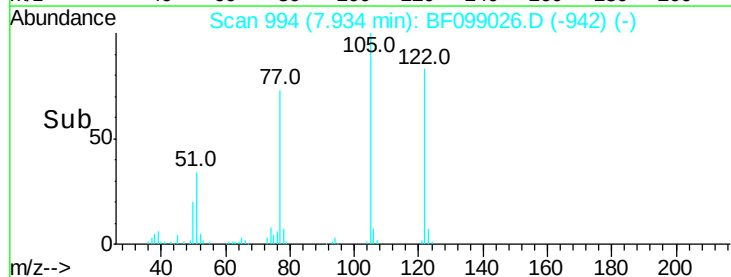
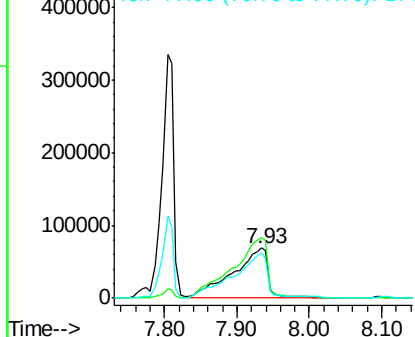


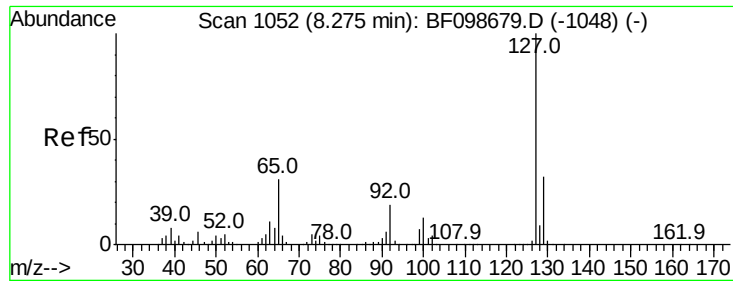
#32
Benzoic acid
Concen: 30.157 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:122 Resp: 229925
Ion Ratio Lower Upper
122 100
105 120.1 101.1 141.1
77 89.9 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





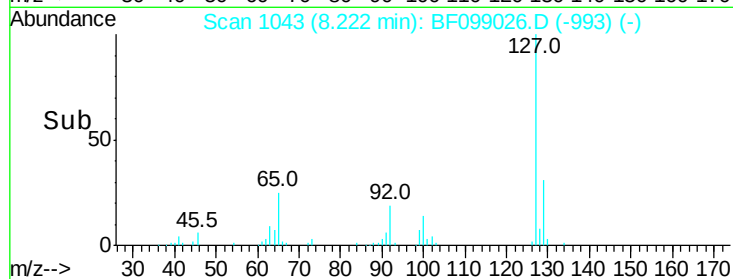
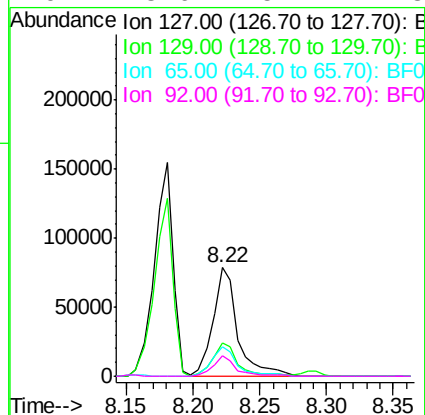
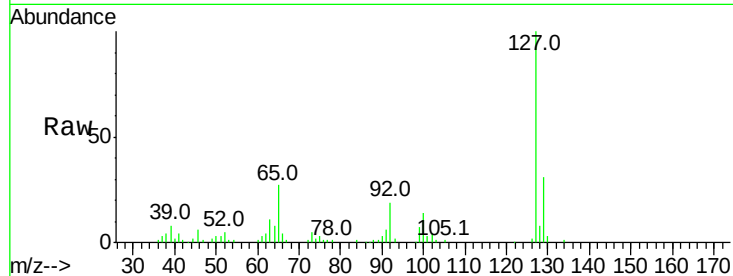
#33
4-Chloroaniline
Concen: 9.061 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	25.9	38.9	
65	27.4	25.0	37.4	
92	18.6	15.2	22.8	

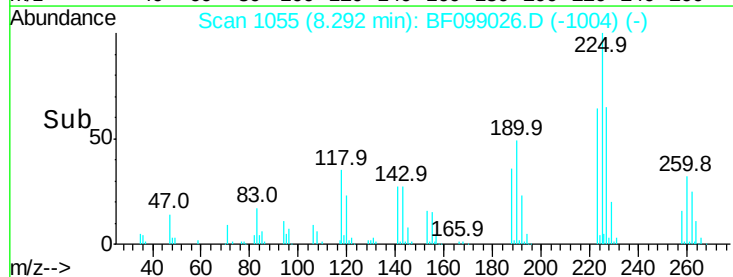
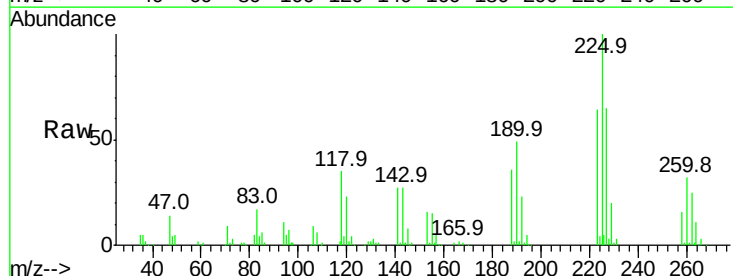
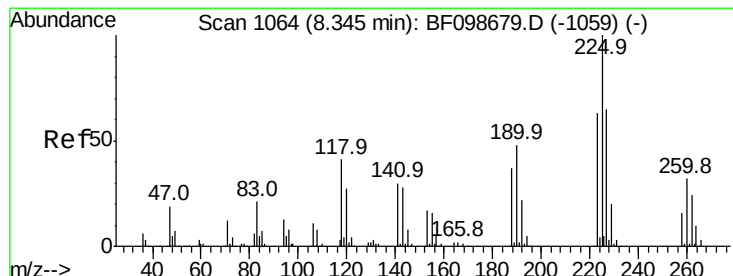
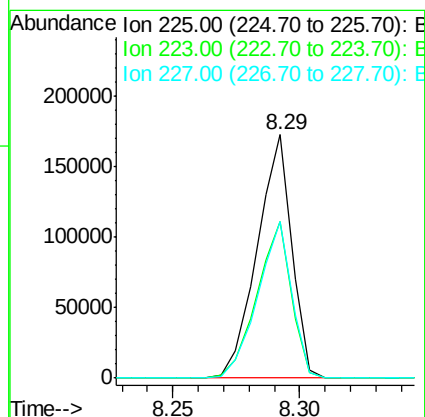
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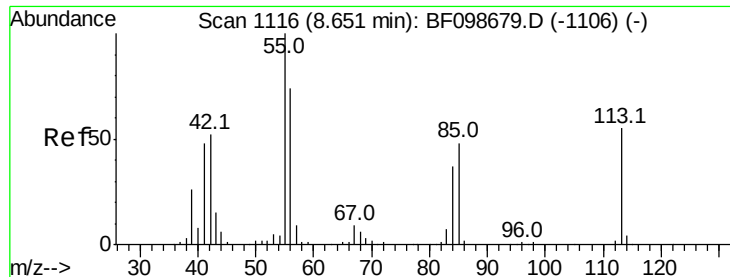
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#34
Hexachlorobutadiene
Concen: 40.077 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	50.6	76.0	
227	64.5	51.9	77.9	





#35

Caprolactam

Concen: 49.744 ng/ml

RT: 8.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

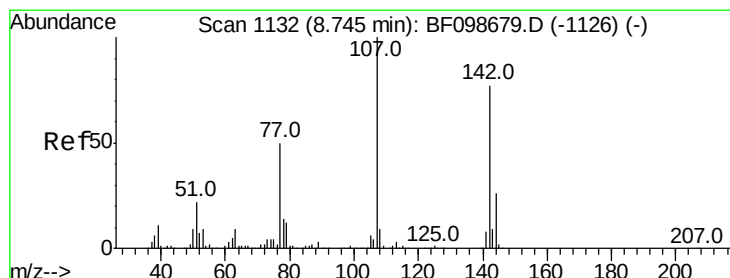
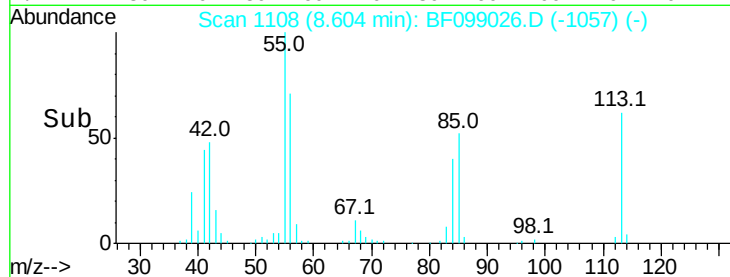
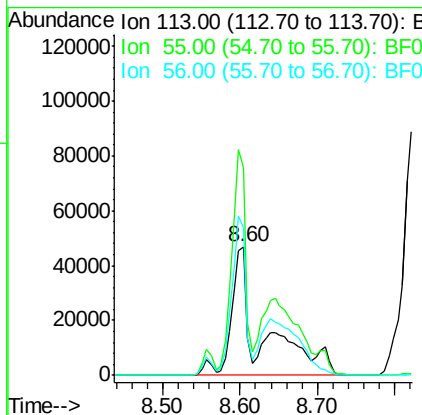
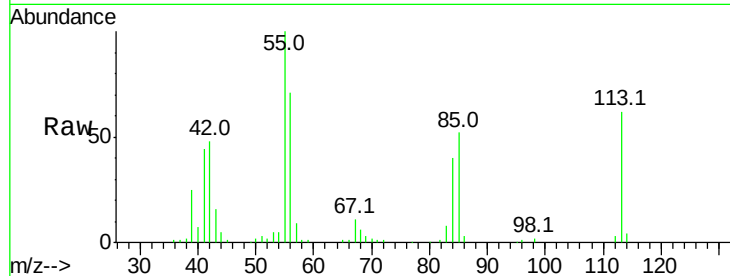
ClientSampleId :

PB102810BS

Tot Ion:	113	Resp:	127159
Ion Ratio	Lower	Upper	
113	100		
55	161.6	163.3	203.3#
56	114.4	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 41.004 ng/ml

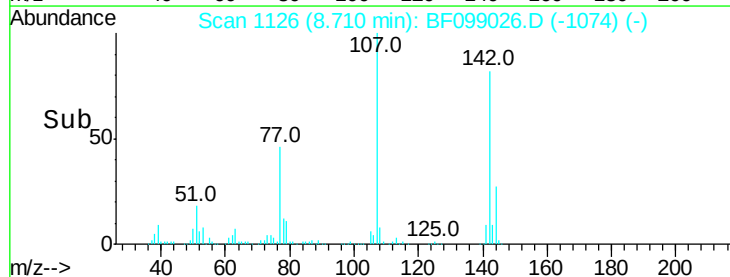
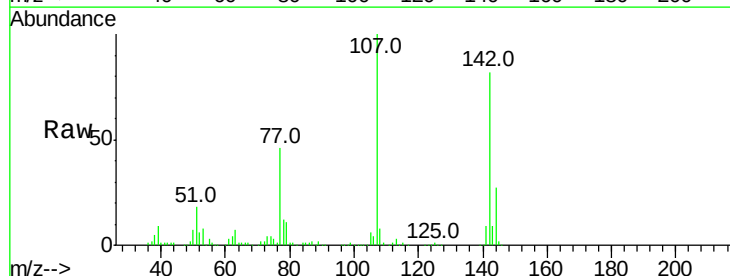
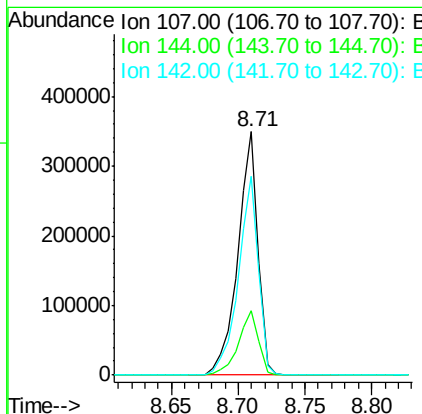
RT: 8.71 min Scan# 1126

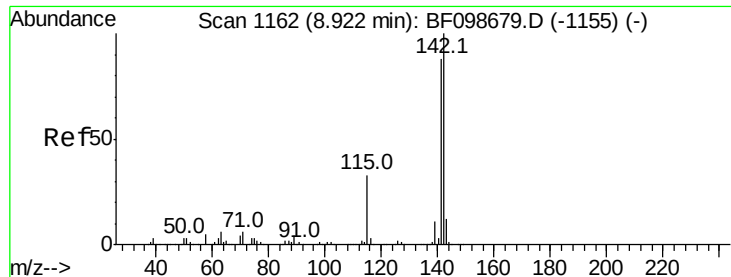
Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion:	107	Resp:	367279
Ion Ratio	Lower	Upper	
107	100		
144	26.7	20.5	30.7
142	81.6	62.0	93.0





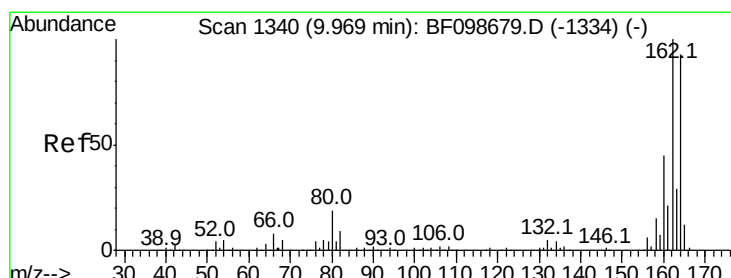
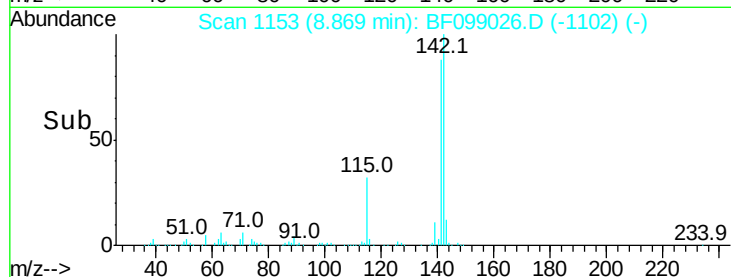
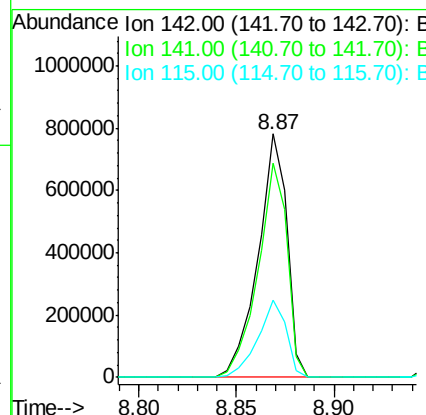
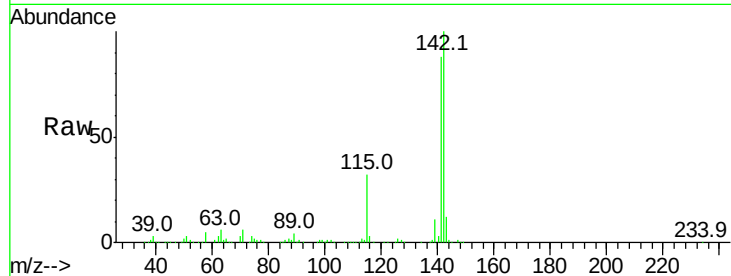
#37
2-Methylnaphthalene
Concen: 45.298 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampled :
PB102810BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	31.6	26.1	39.1

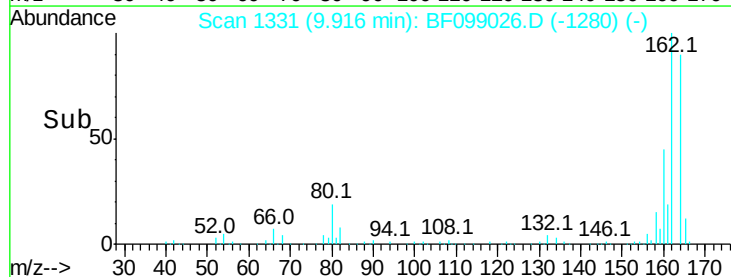
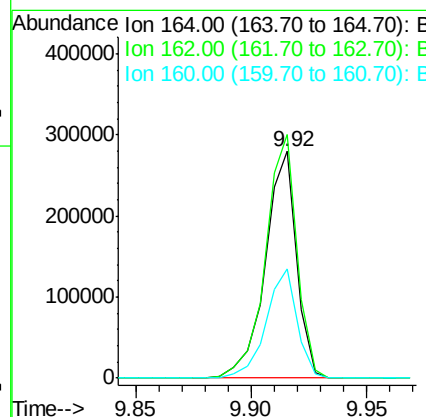
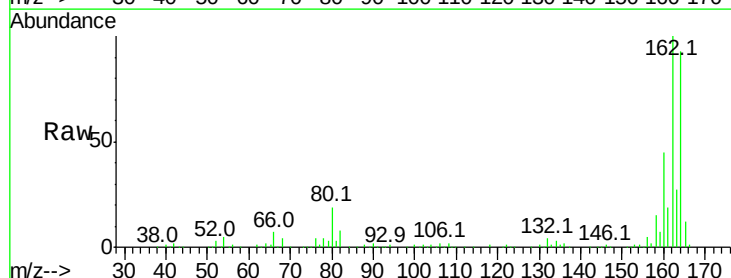
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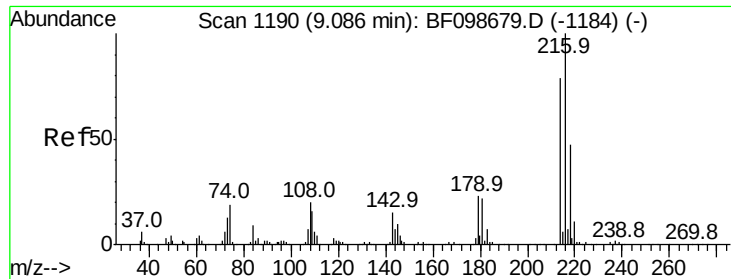
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	48.1	38.3	57.5





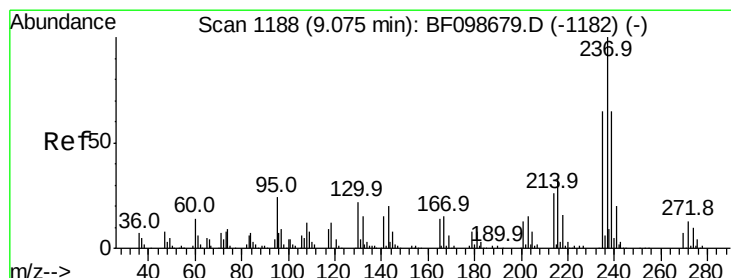
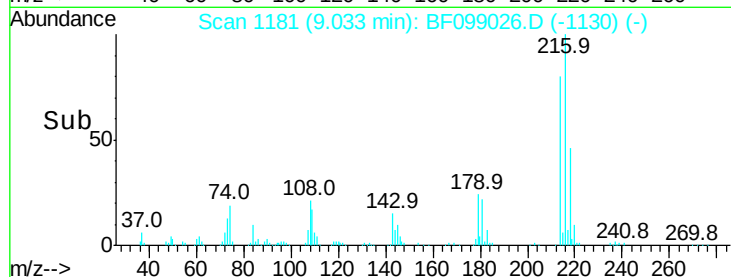
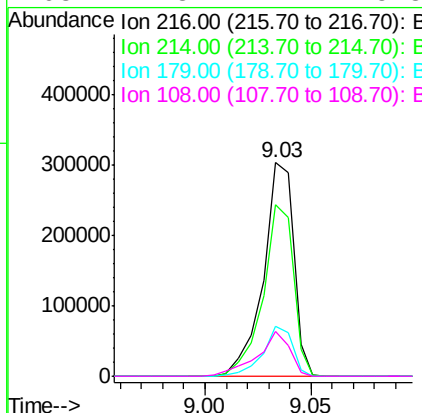
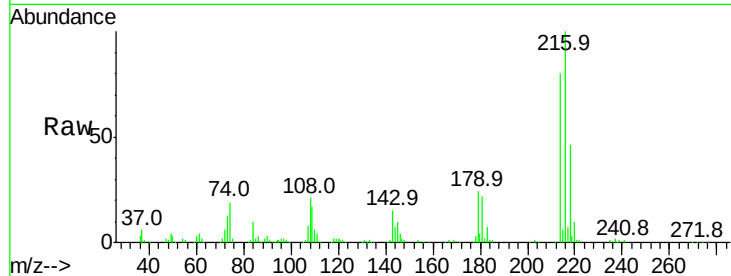
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.933 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.3	63.0	94.4
179	22.6	18.1	27.1
108	22.3	17.2	25.8

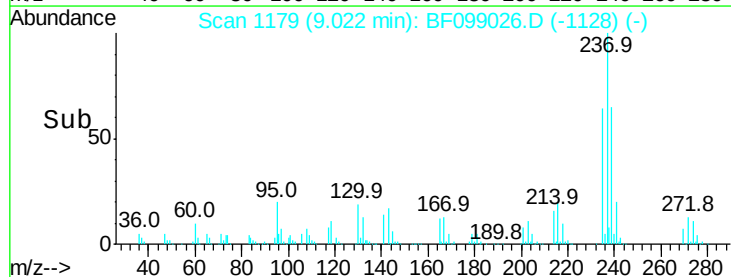
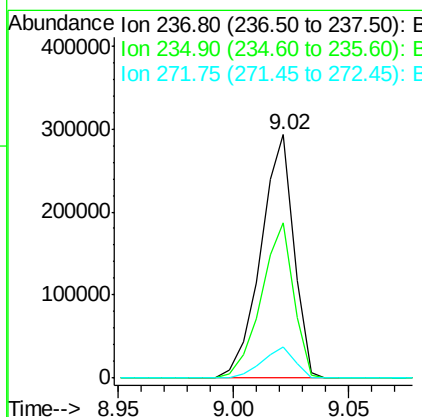
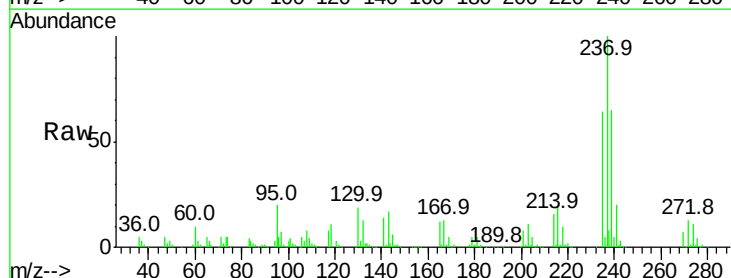
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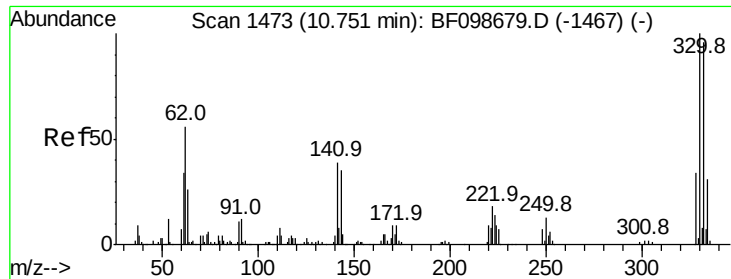
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#40
 Hexachlorocyclopentadiene
 Concen: 81.104 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	44.8	84.8
272	12.7	0.0	33.3





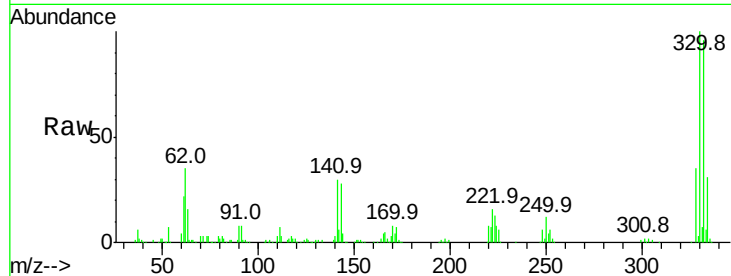
#41
 2,4,6-Tribromophenol
 Concen: 135.060 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

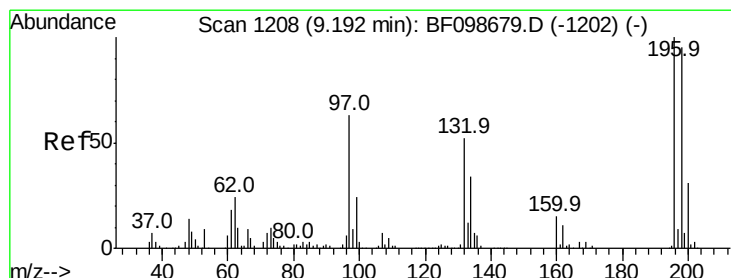
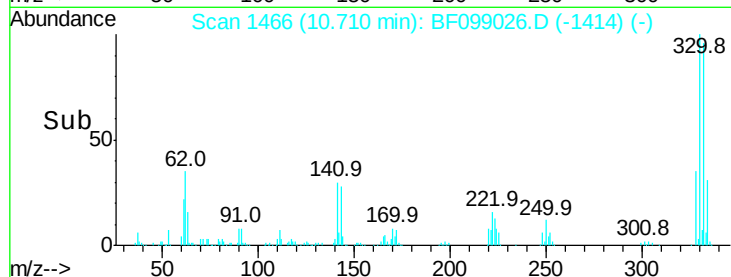
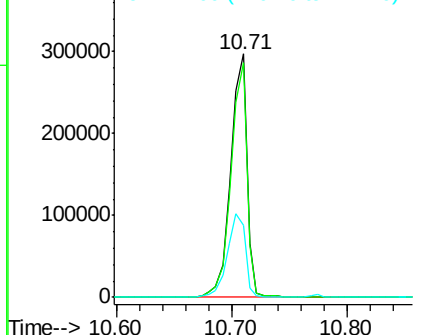
Tot Ion	Ratio	Resp	Lower	Upper
330	100	291172		
332	95.5	77.0	115.6	
141	38.0	29.9	44.9	

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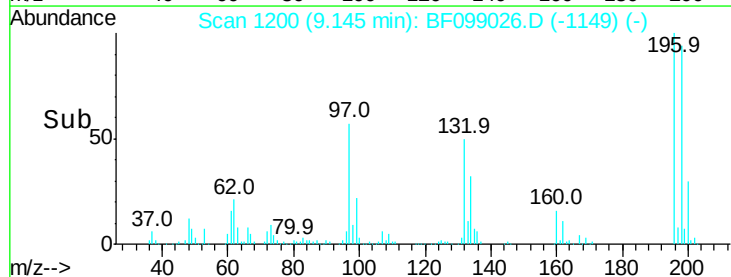
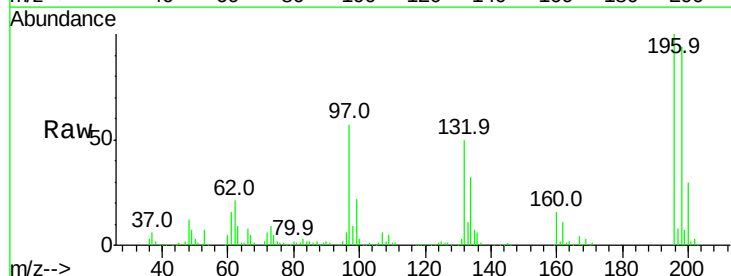
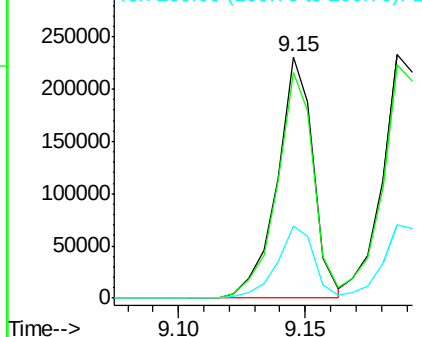
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

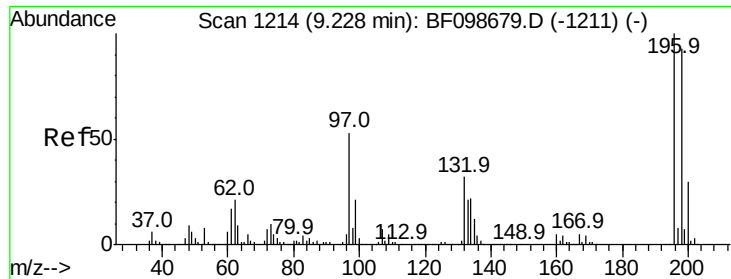


#42
 2,4,6-Trichlorophenol
 Concen: 41.229 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	229496		
198	93.8	75.7	113.5	
200	30.1	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





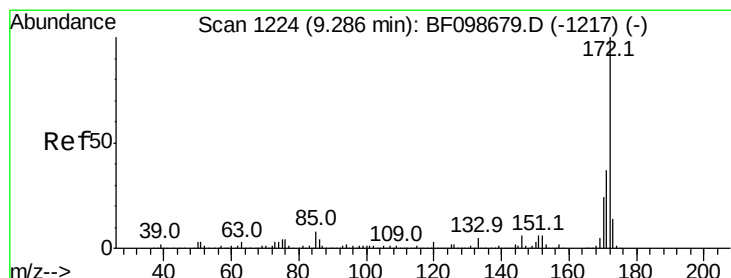
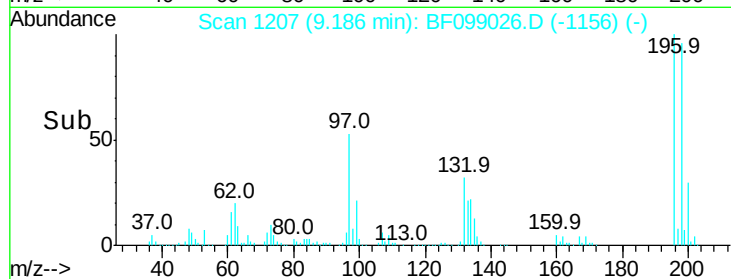
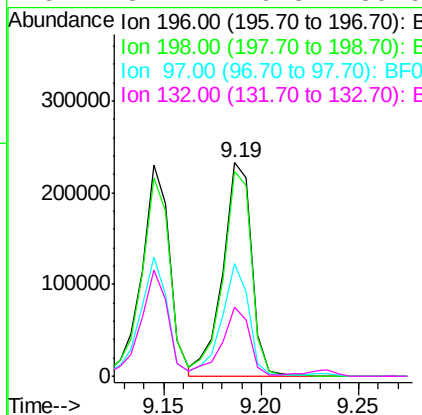
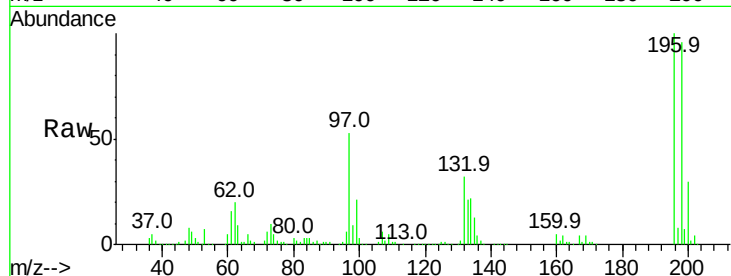
#43
 2,4,5-Trichlorophenol
 Concen: 42.837 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Tot Ion:	196	Resp:	238032
Ion Ratio	Lower	Upper	
196	100		
198	95.8	74.6	112.0
97	52.5	42.9	64.3
132	32.4	26.3	39.5

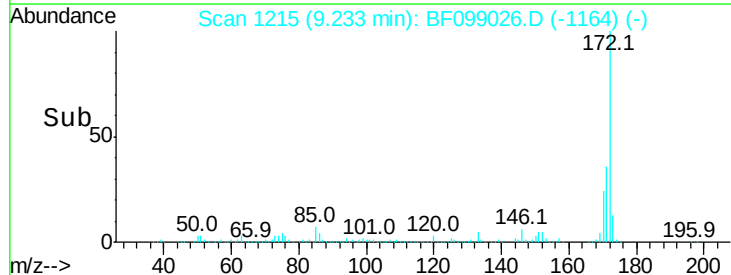
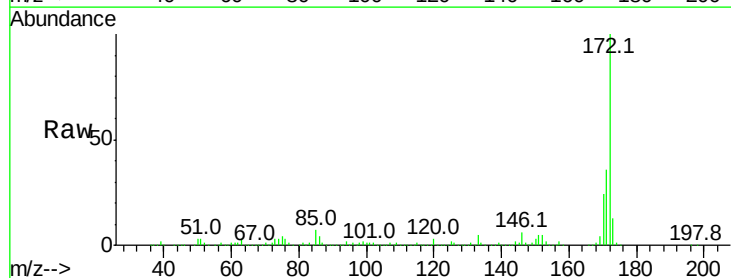
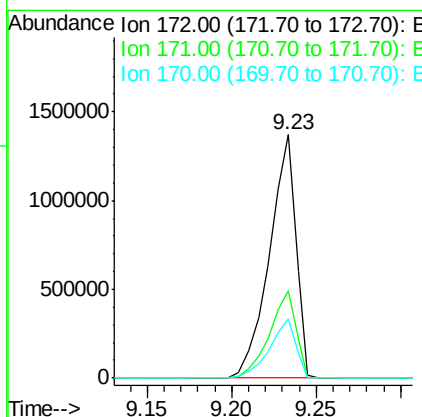
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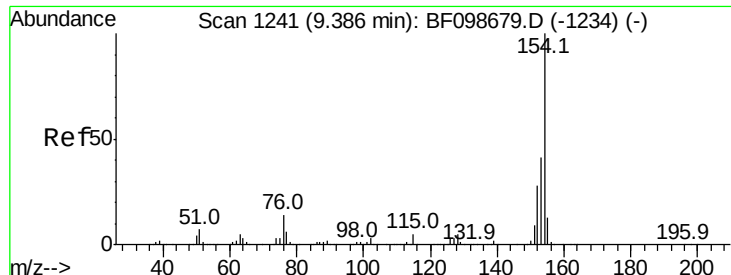
Sohil
 10/4/2017 7:21:14 PM



#44
 2-Fluorobiphenyl
 Concen: 94.097 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion:	172	Resp:	1485026
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4





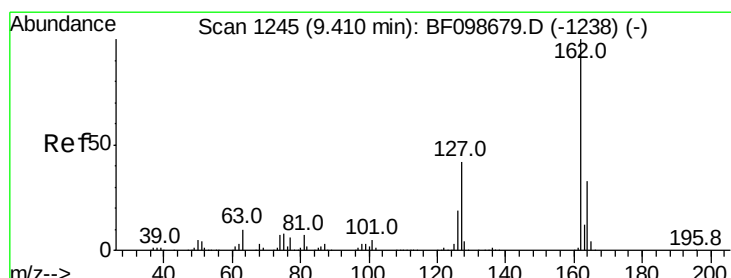
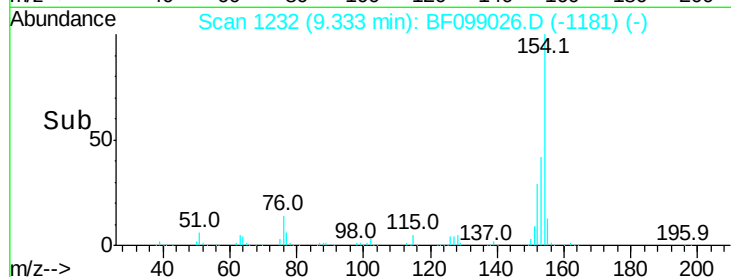
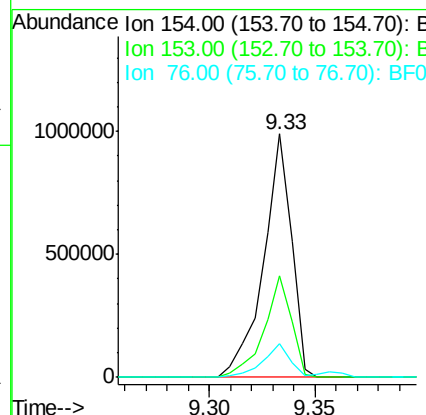
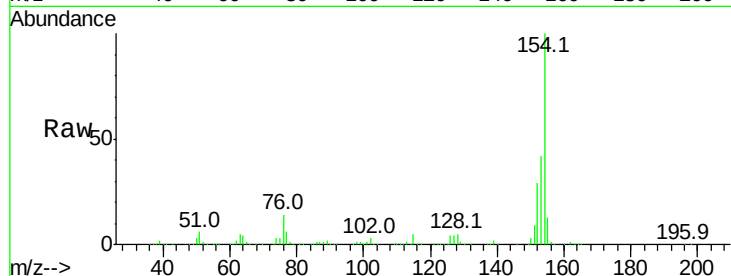
#45
 1,1'-Biphenyl
 Concen: 40.459 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampled :
 PB102810BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.8	21.3	61.3
76	13.9	0.0	34.0

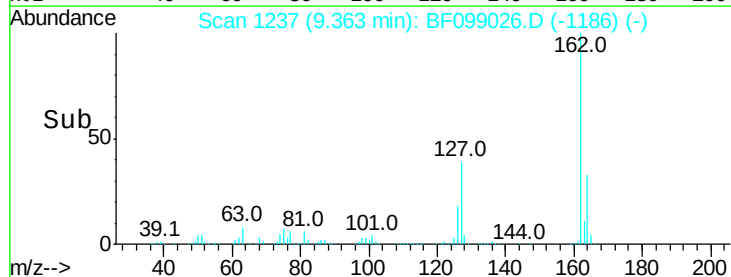
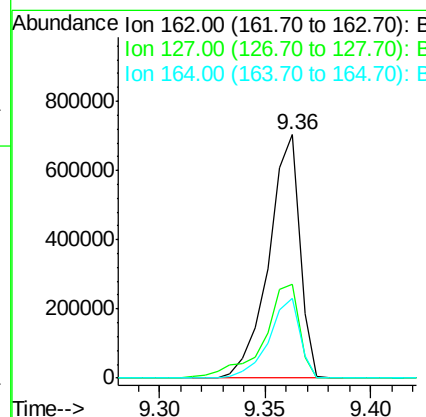
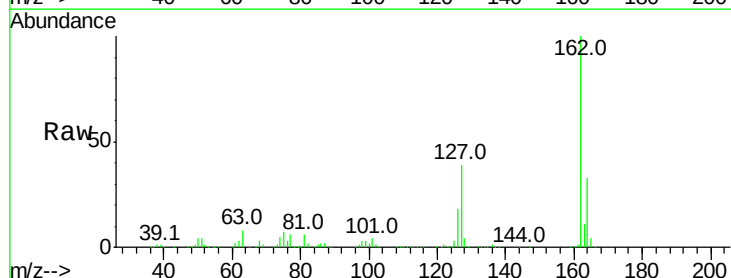
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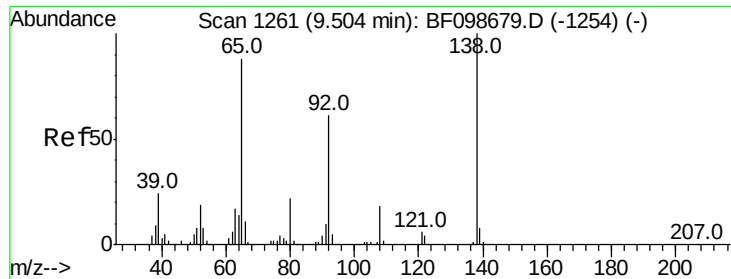
Sohil
 10/4/2017 7:21:14 PM



#46
 2-Chloronaphthalene
 Concen: 42.324 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	38.7	33.9	50.9
164	32.8	26.5	39.7





#47

2-Nitroaniline

Concen: 42.147 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

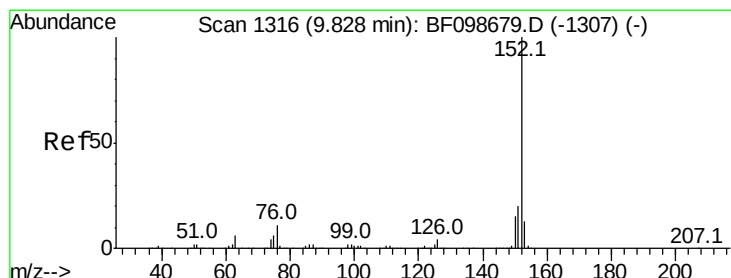
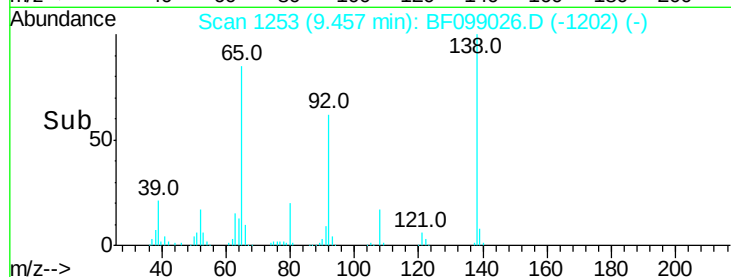
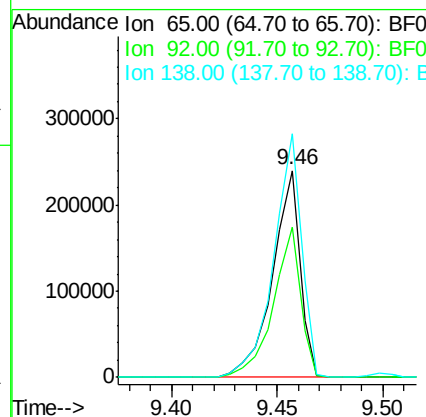
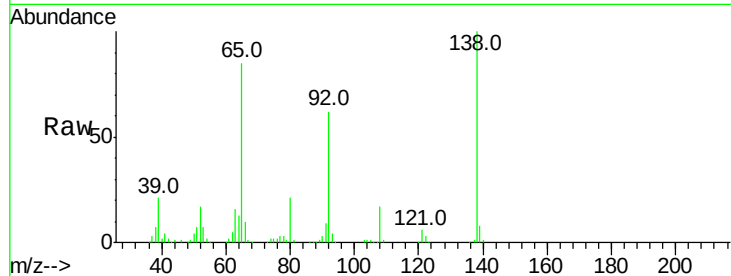
ClientSampleId :

PB102810BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.9	55.8	83.6
138	117.9	91.2	136.8

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#48

Acenaphthylene

Concen: 42.719 ng

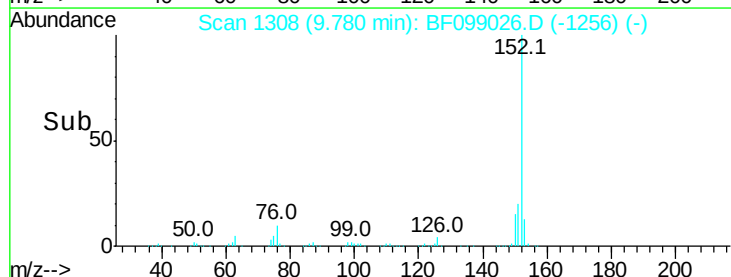
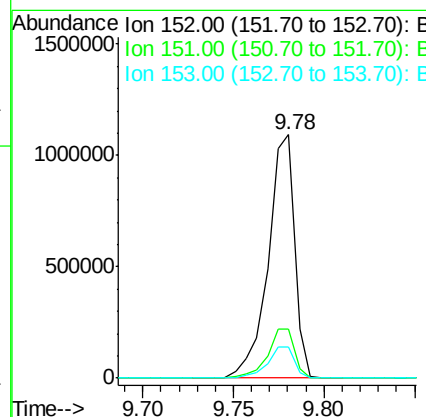
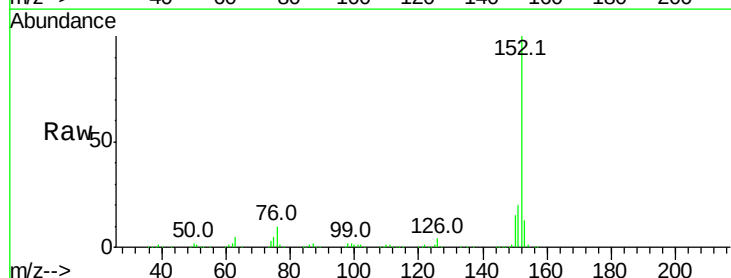
RT: 9.78 min Scan# 1308

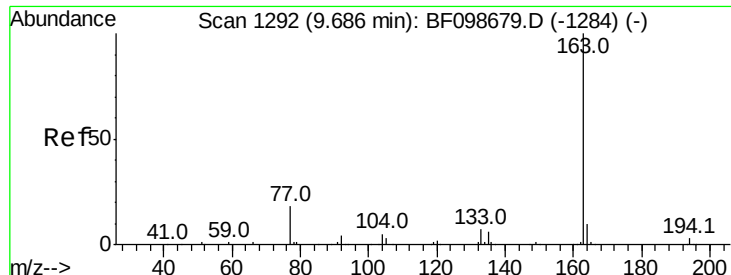
Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.0	10.7	16.1





#49

Dimethylphthalate

Concen: 43.241 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

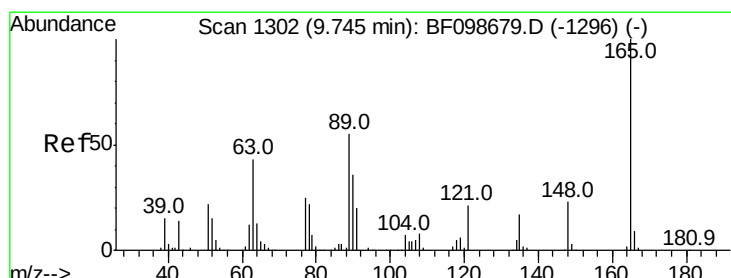
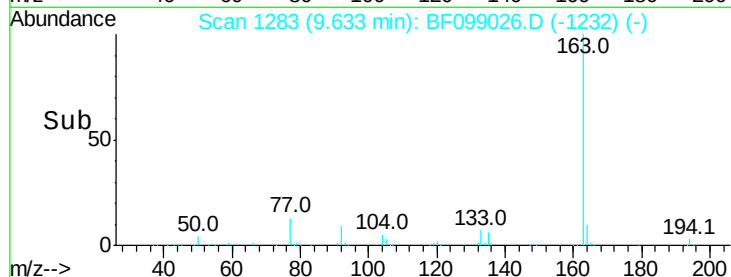
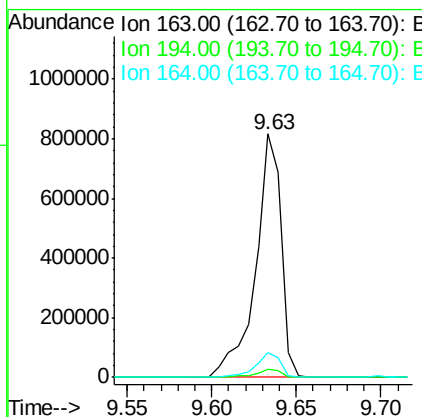
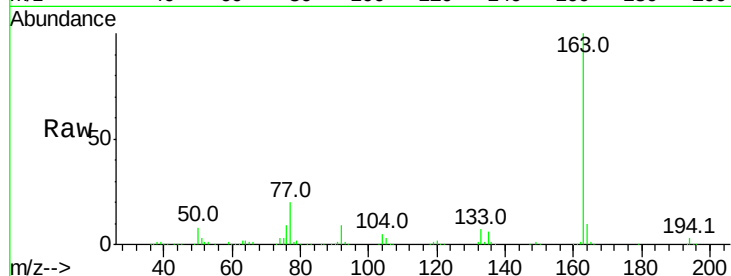
ClientSampleID :

PB102810BS

Tot Ion:	163	Resp:	859844
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.3	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 43.992 ng

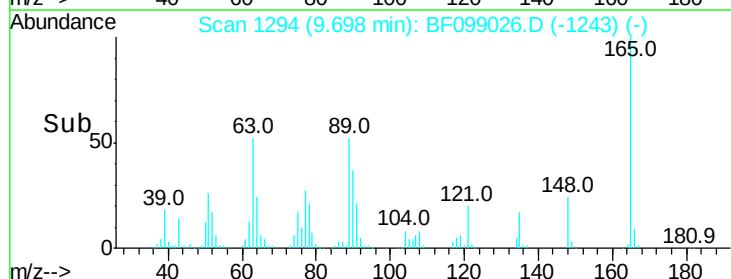
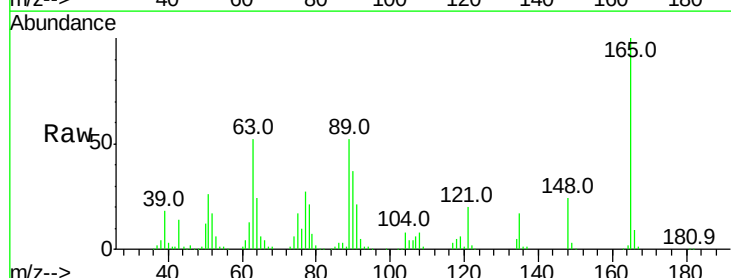
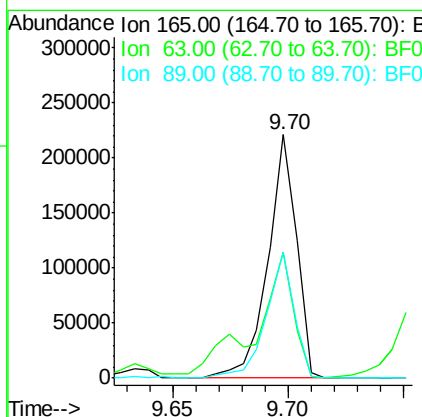
RT: 9.70 min Scan# 1294

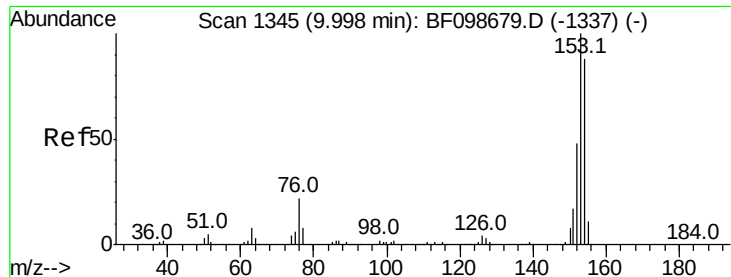
Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion:	165	Resp:	190446
Ion Ratio	Lower	Upper	
165	100		
63	51.9	44.7	67.1
89	51.9	44.0	66.0





#51

Acenaphthene

Concen: 40.493 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

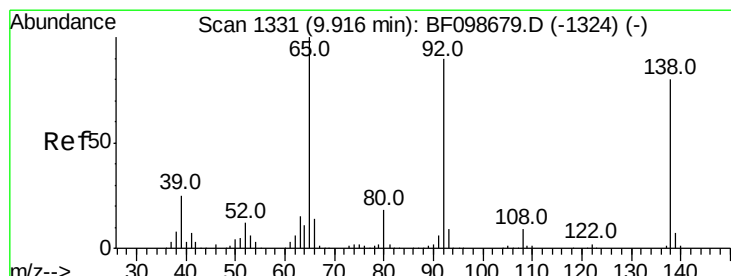
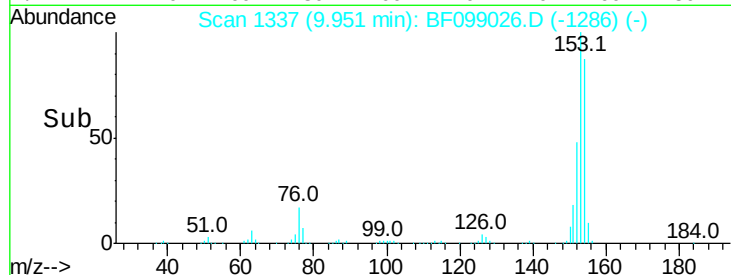
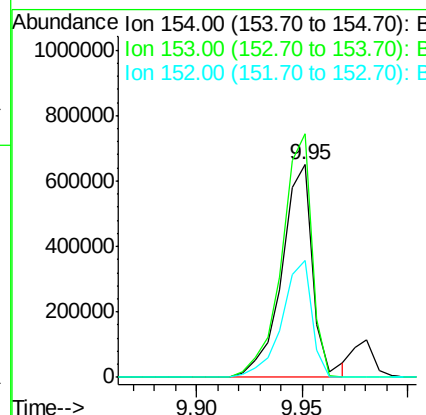
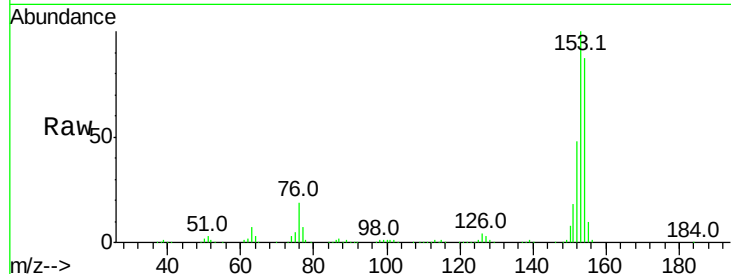
ClientSampled :

PB102810BS

Tot Ion:	154	Resp:	667566
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	54.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 17.471 ng

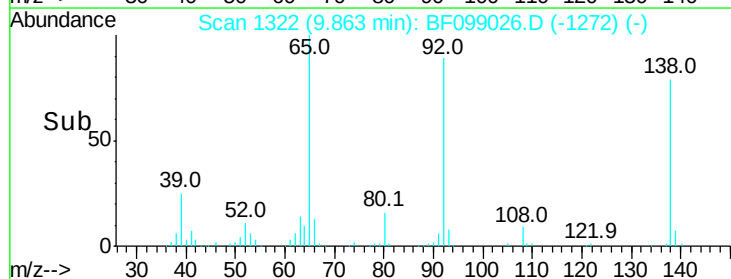
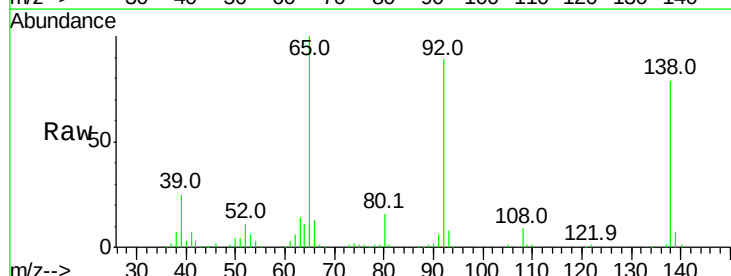
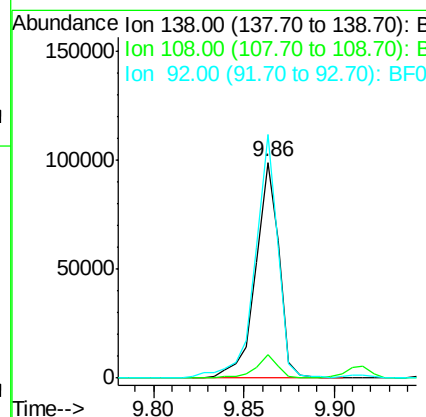
RT: 9.86 min Scan# 1322

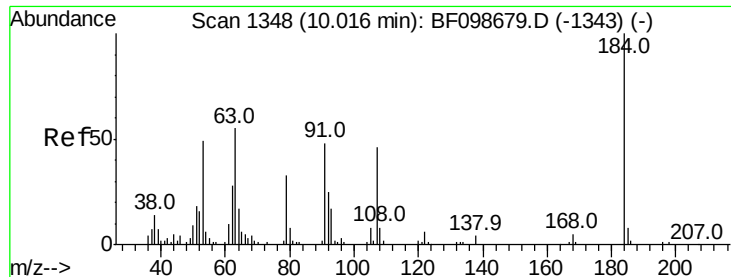
Delta R.T. -0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion:	138	Resp:	88189
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	112.9	89.4	134.2





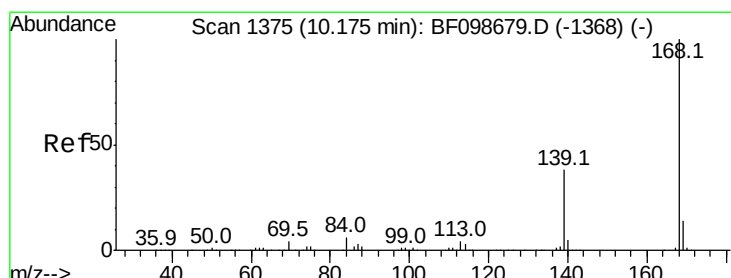
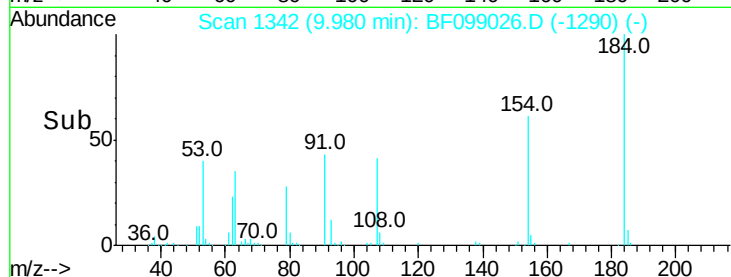
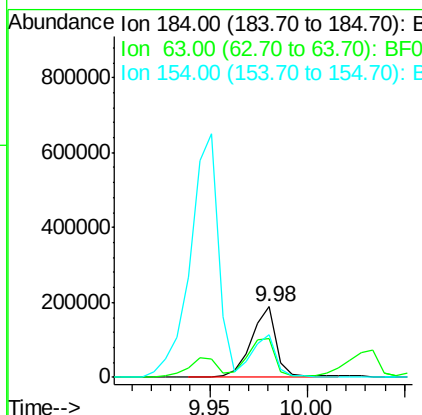
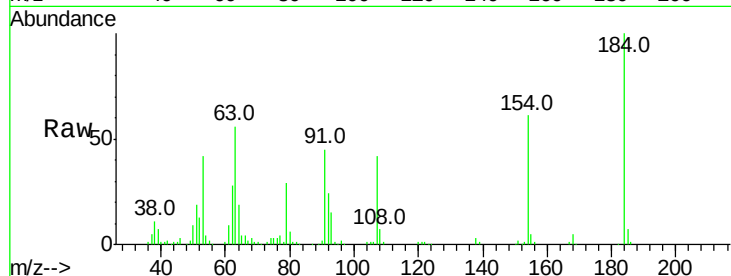
#53
2,4-Dinitrophenol
Concen: 75.588 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampled :
PB102810BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	169583		
63	56.0		54.2	81.2
154	61.0		53.5	80.3

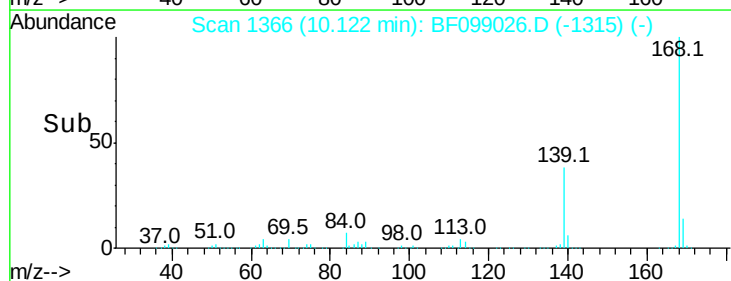
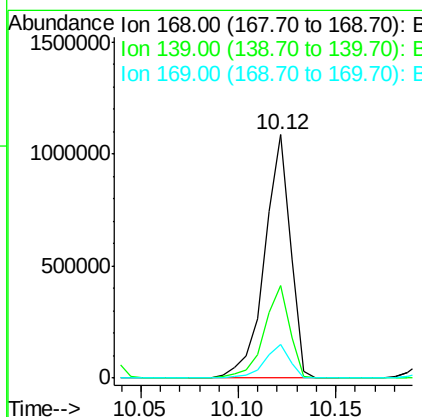
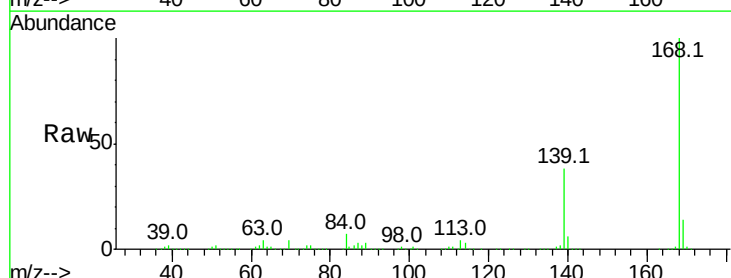
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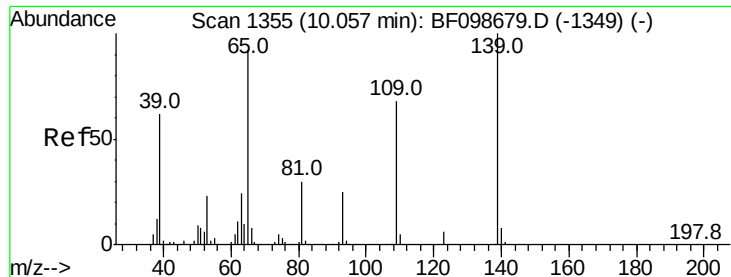
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#54
Dibenzofuran
Concen: 45.247 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	993193		
139	38.3		30.1	45.1
169	13.9		10.9	16.3





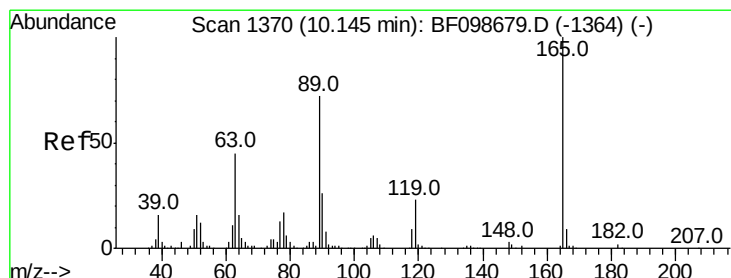
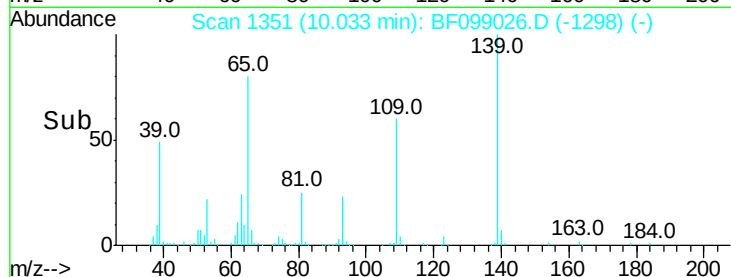
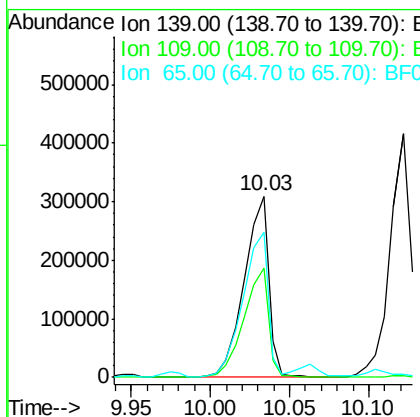
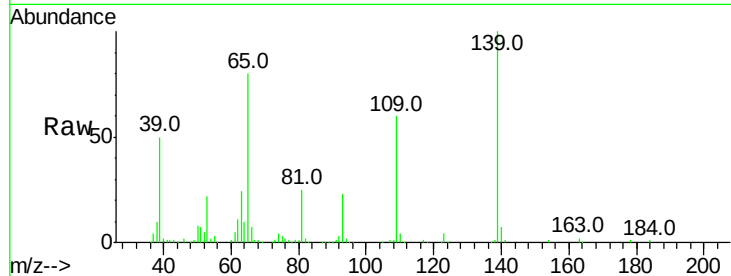
#55
4-Nitrophenol
Concen: 78.245 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampled :
PB102810BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.0	48.4	88.4	
65	80.2	72.6	112.6	

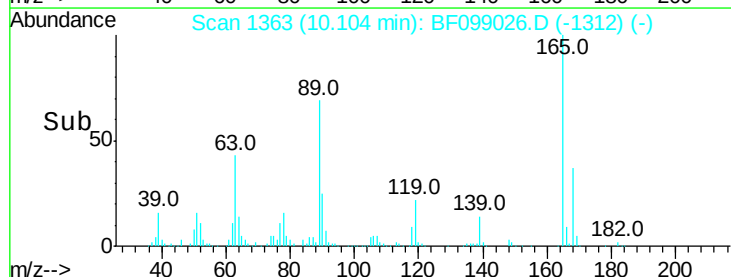
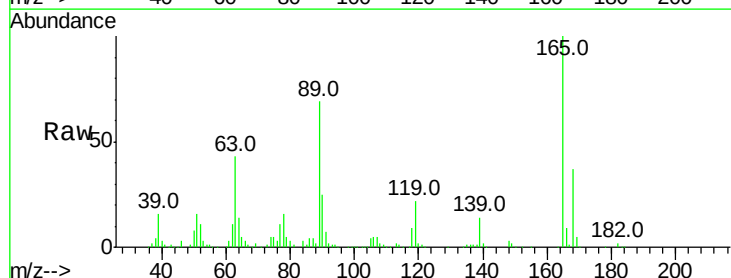
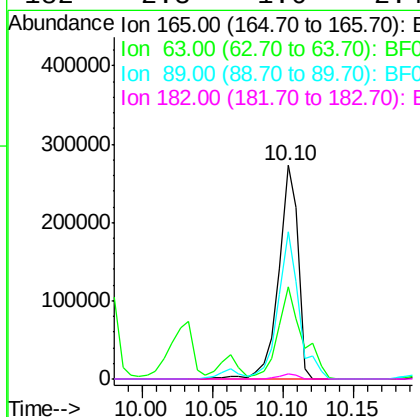
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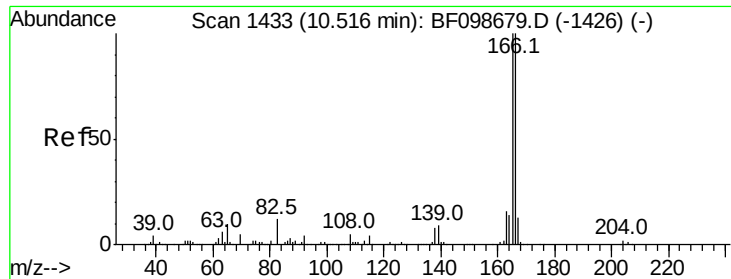
Sohil
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#56
2,4-Dinitrotoluene
Concen: 46.513 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.4	36.4	54.6	
89	68.7	57.8	86.6	
182	2.3	1.6	2.4	





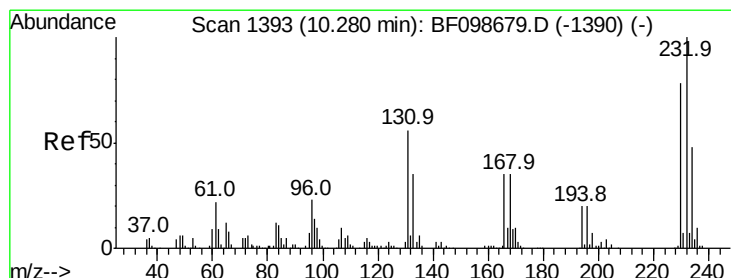
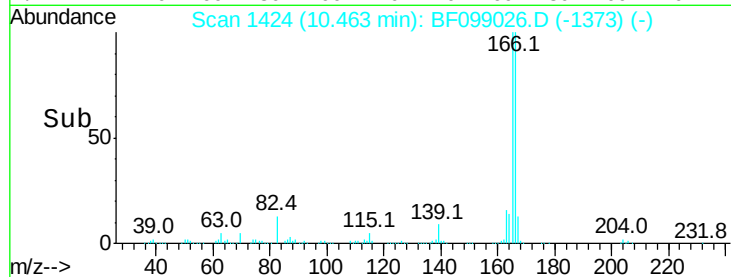
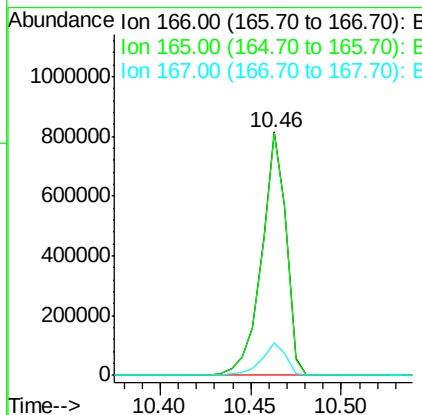
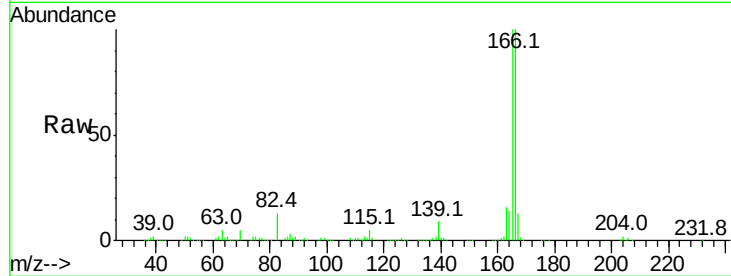
#57
 Fluorene
 Concen: 43.028 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampled :
 PB102810BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.5	10.6	16.0

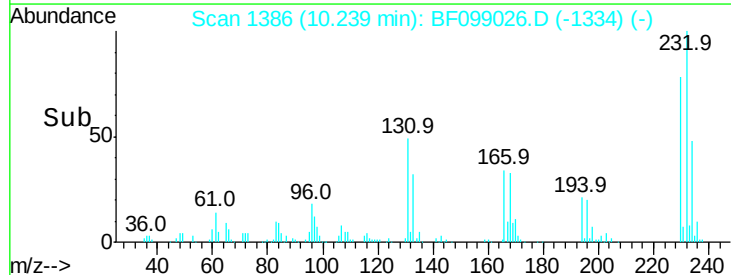
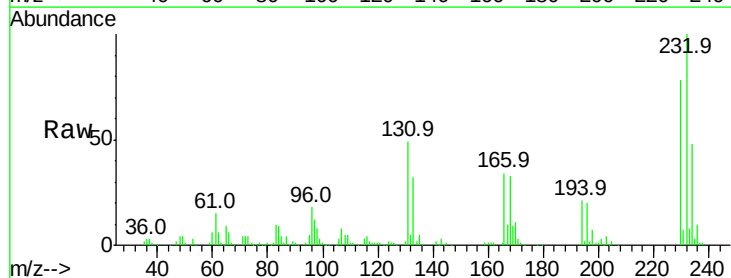
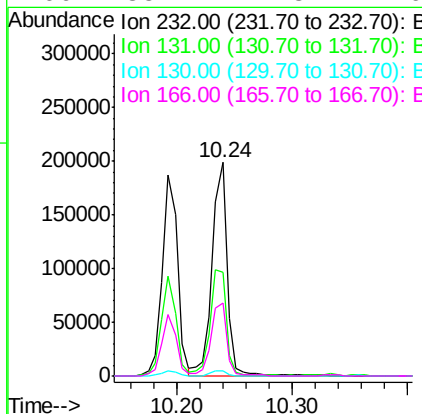
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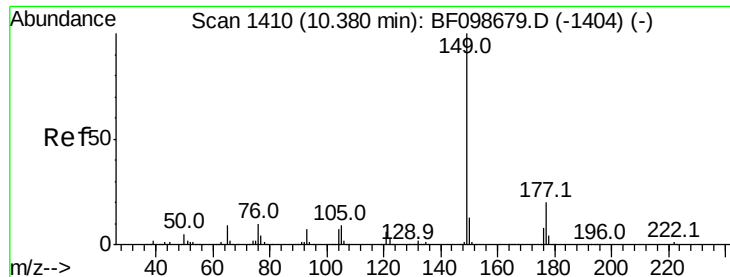
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.865 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.4	43.8	65.8
130	2.5	2.1	3.1
166	35.7	27.8	41.6





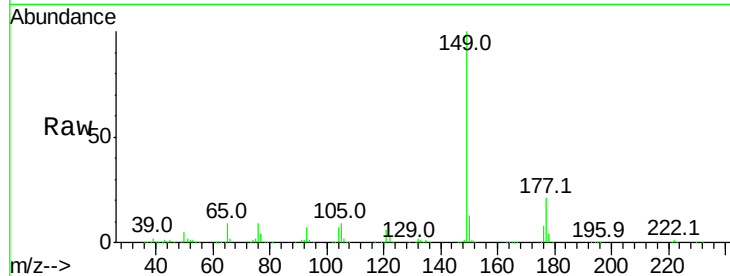
#59
Diethylphthalate
Concen: 42.280 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

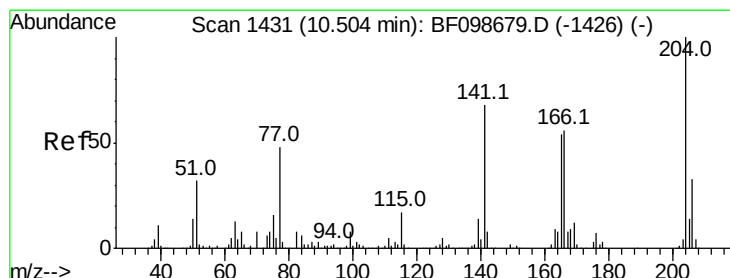
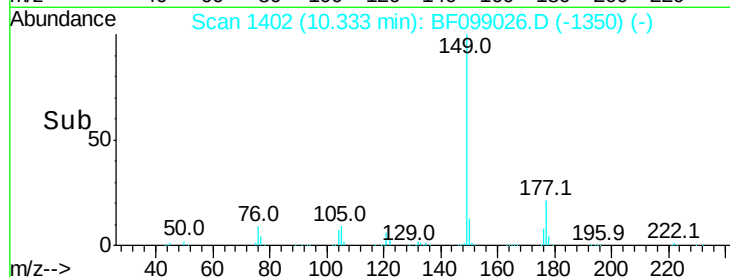
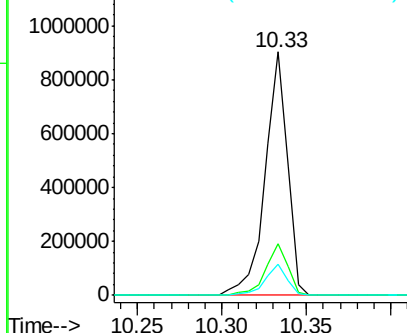
Tot Ion	Ratio	Resp	Lower	Upper
149	100	821518		
177	21.3		16.1	24.1
150	12.7		10.1	15.1

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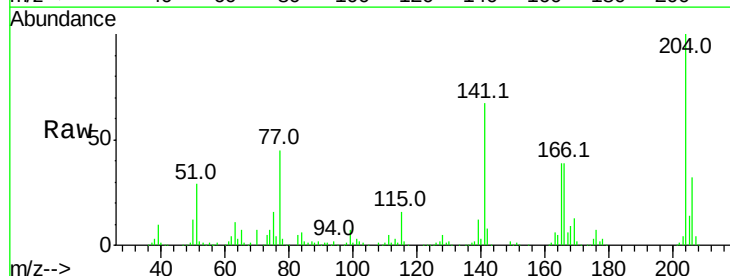


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

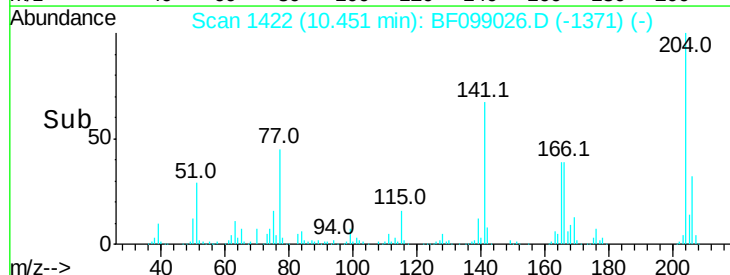
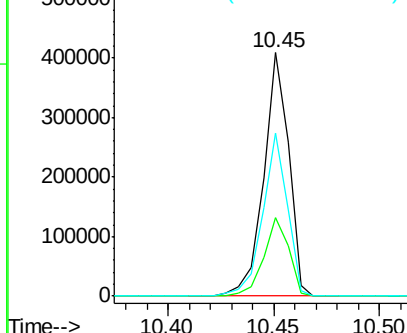


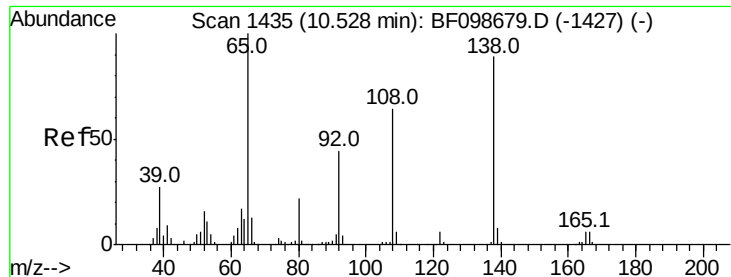
#60
4-Chlorophenyl-phenylether
Concen: 42.507 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	336878		
206	32.4		26.5	39.7
141	66.9		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





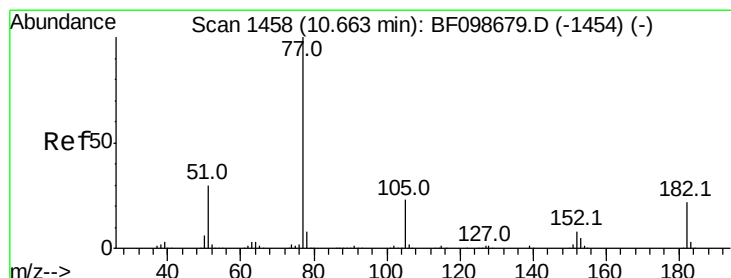
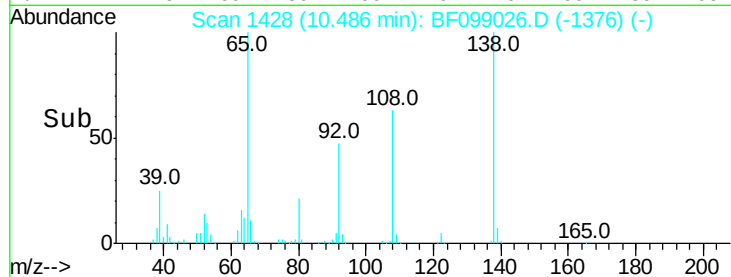
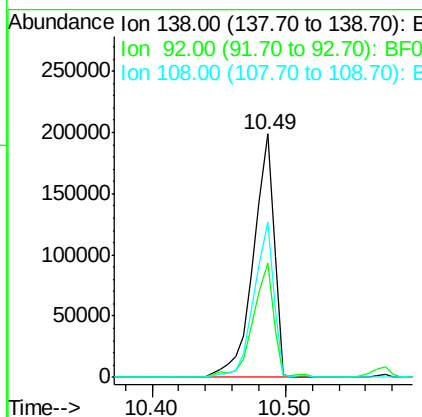
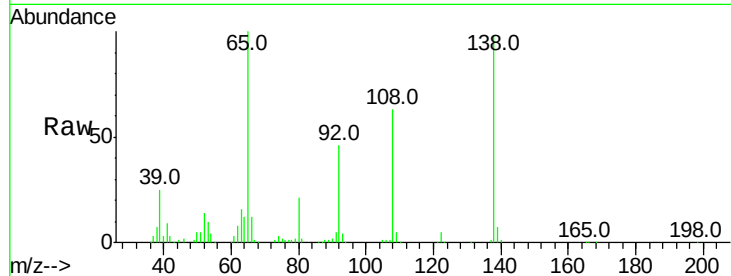
#61
4-Nitroaniline
Concen: 43.464 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampled :
PB102810BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.9	30.2	70.2
108	64.0	52.5	92.5

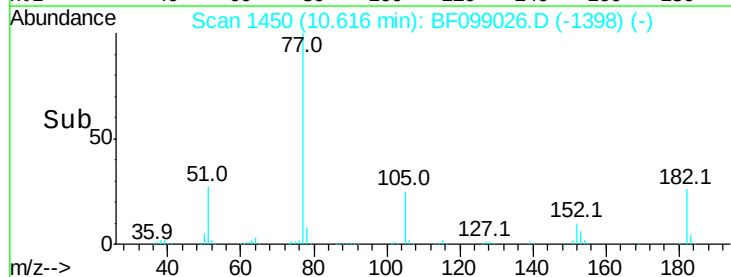
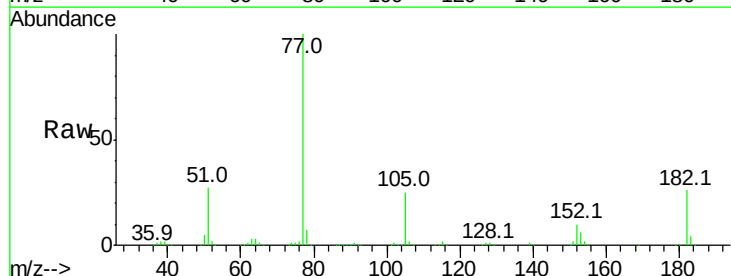
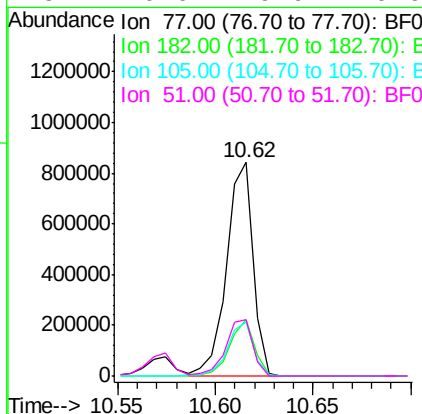
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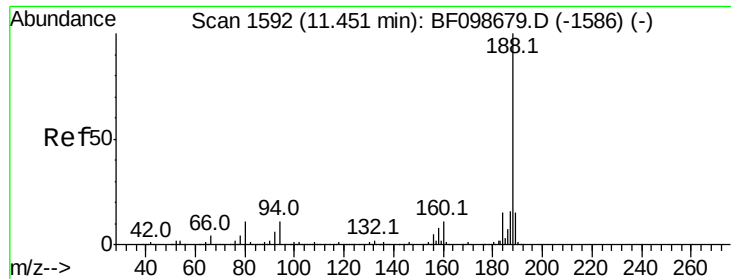
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#62
Azobenzene
Concen: 44.282 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.3	1.7	41.7
105	25.0	3.0	43.0
51	26.6	9.9	49.9





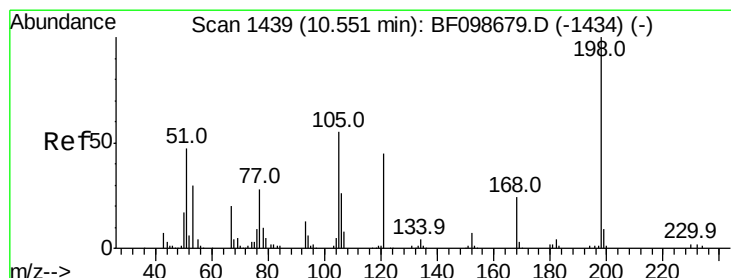
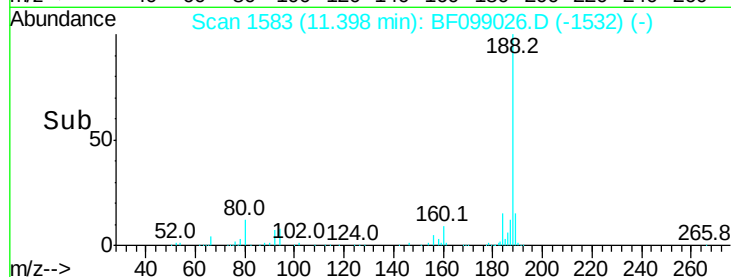
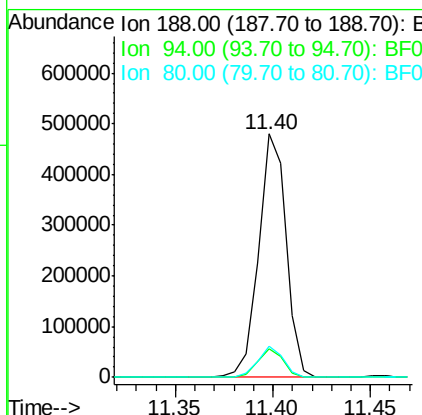
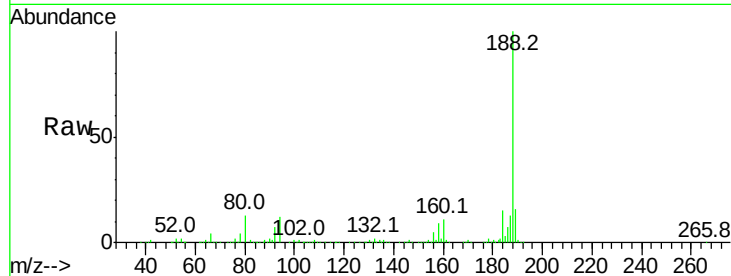
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	468264		
94	12.0		8.5	12.7
80	12.8		9.2	13.8

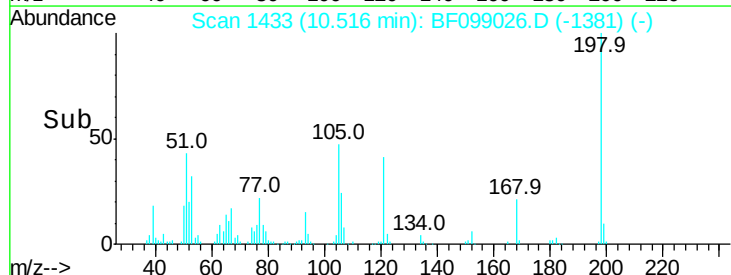
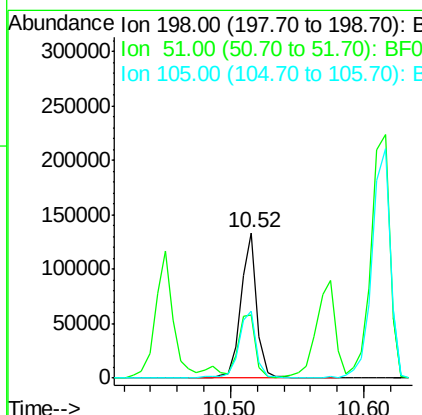
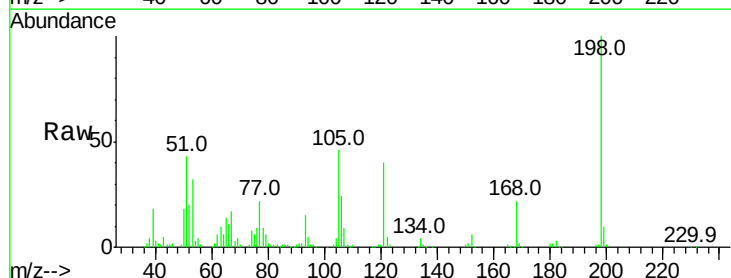
Manual Integrations
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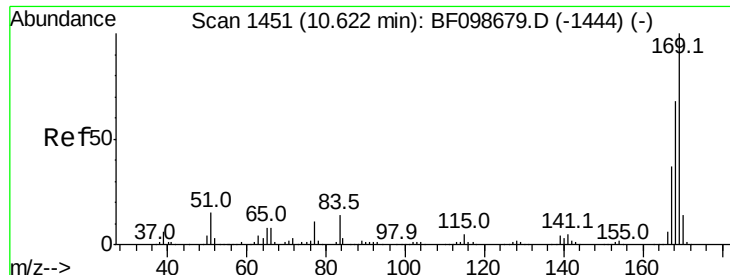
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.592 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	109949		
51	43.2		37.7	77.7
105	46.4		36.3	76.3





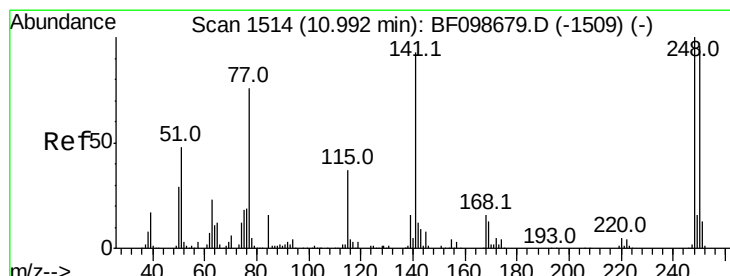
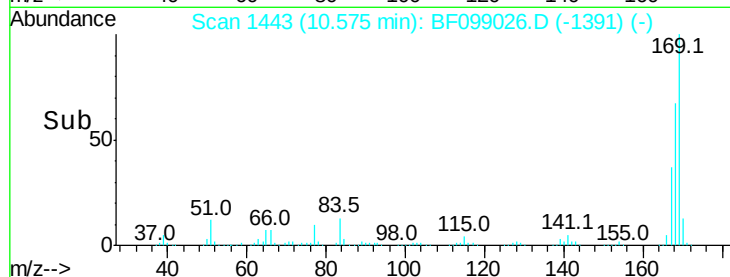
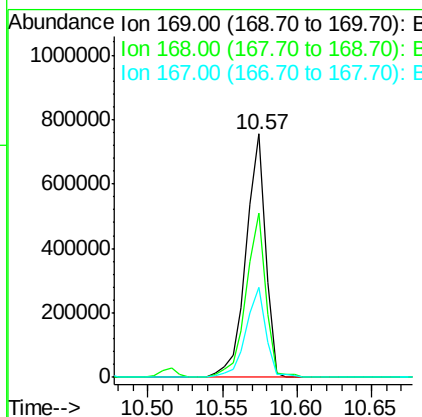
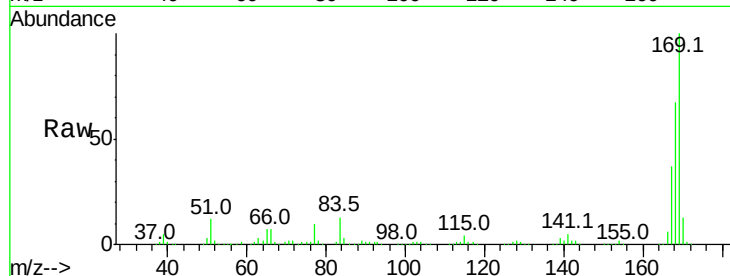
#65
 n-Nitrosodiphenylamine
 Concen: 42.206 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.4	81.6
167	36.9	29.8	44.6

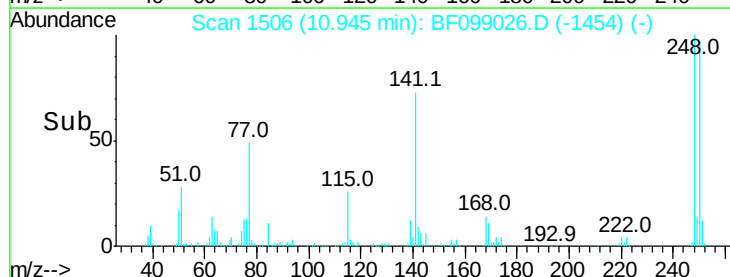
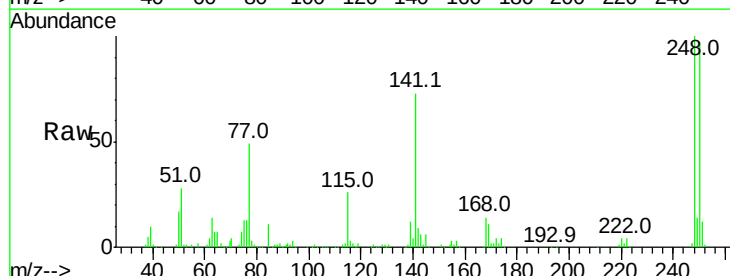
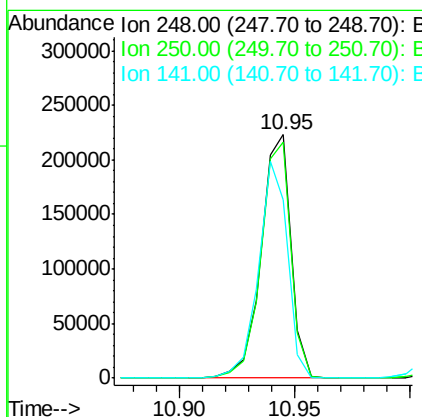
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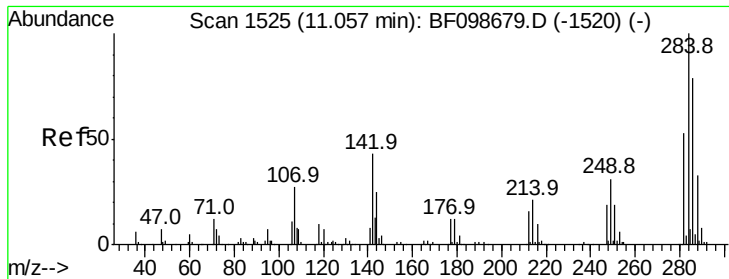
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#66
 4-Bromophenyl-phenylether
 Concen: 43.784 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.9	115.3
141	73.2	74.4	111.6#





#67

Hexachlorobenzene

Concen: 40.940 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

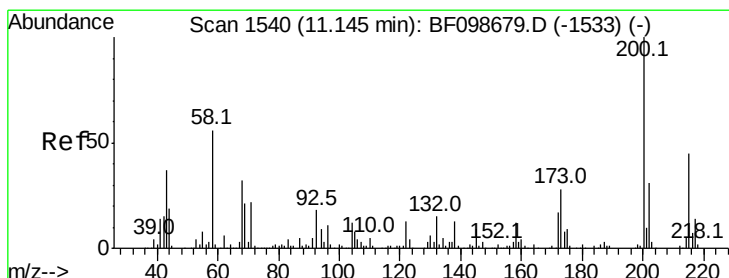
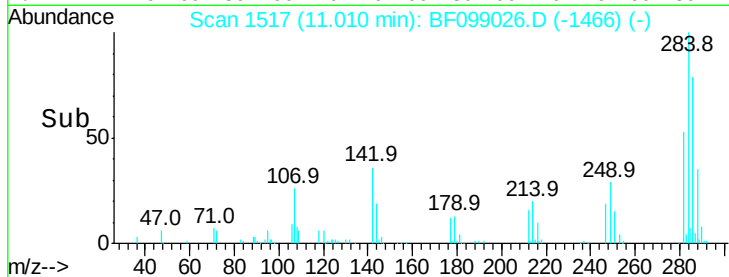
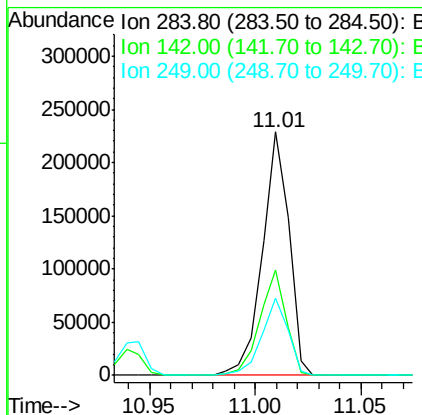
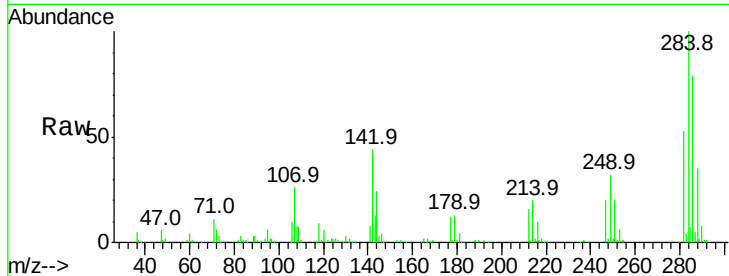
ClientSampleId :

PB102810BS

Tot Ion:	284	Resp:	200416
Ion Ratio	Lower	Upper	
284	100		
142	43.5	34.6	52.0
249	31.9	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 45.209 ng

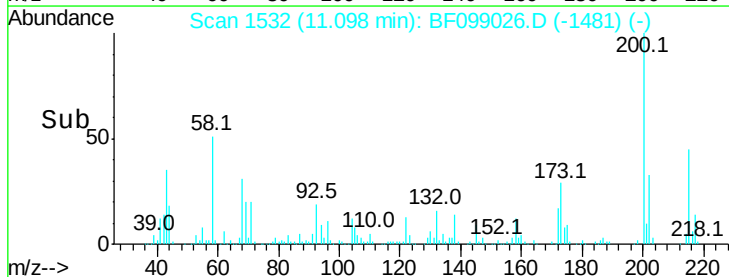
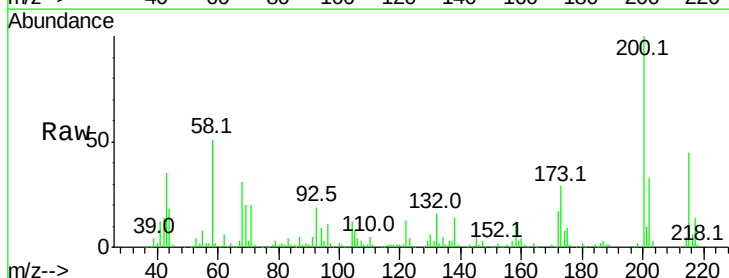
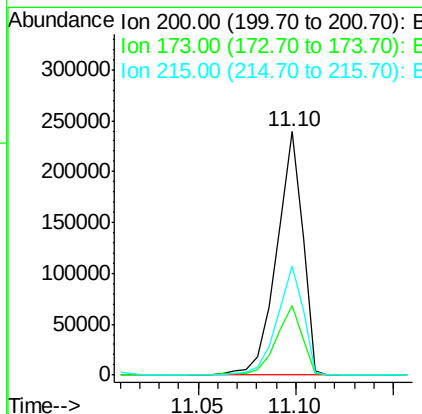
RT: 11.10 min Scan# 1532

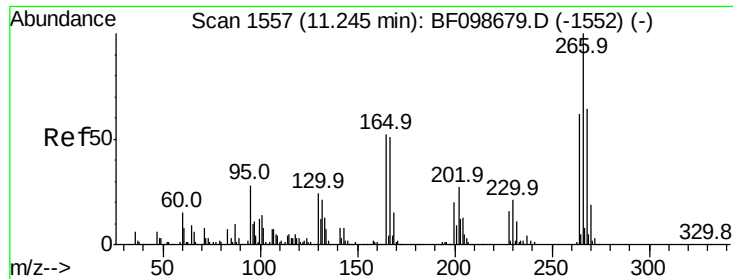
Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion:	200	Resp:	220653
Ion Ratio	Lower	Upper	
200	100		
173	28.7	8.6	48.6
215	44.6	25.1	65.1





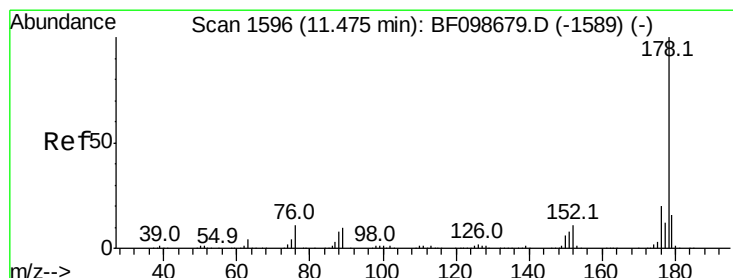
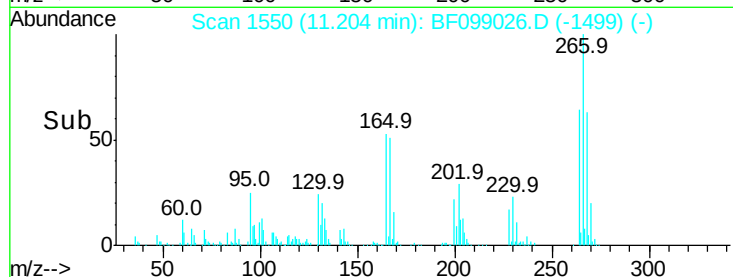
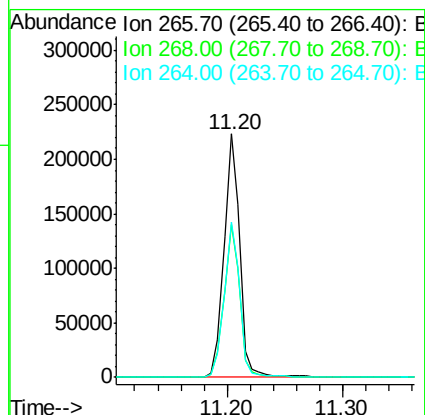
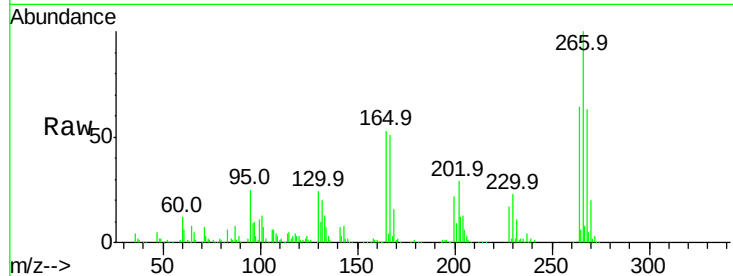
#69
 Pentachlorophenol
 Concen: 69.780 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	63.8	49.5	74.3

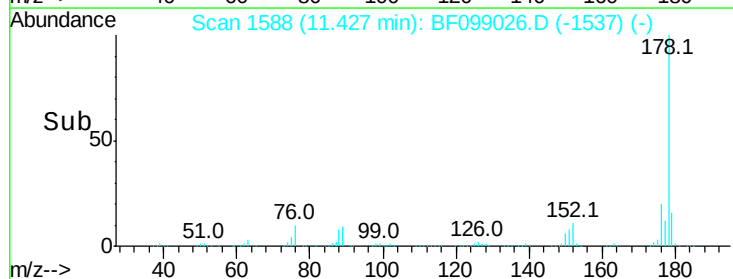
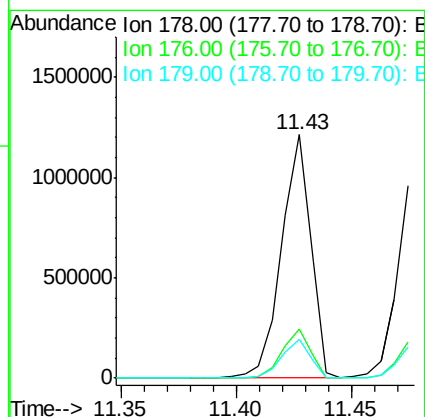
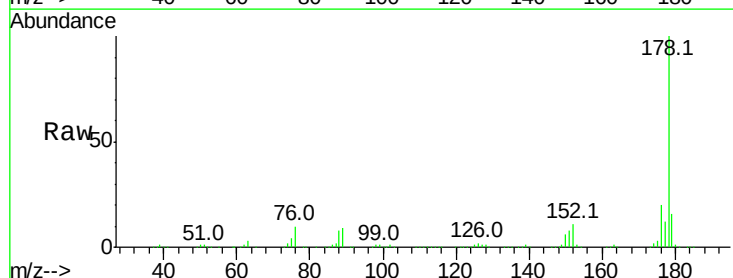
Manual Integrations
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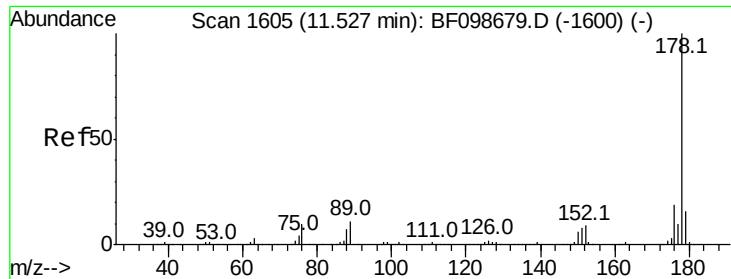
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#70
 Phenanthrene
 Concen: 42.495 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.2	13.0	19.6





#71
 Anthracene
 Concen: 42.878 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

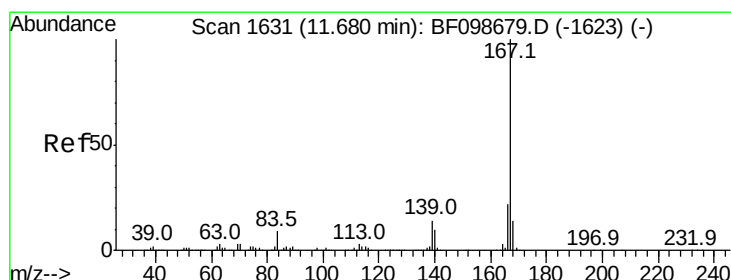
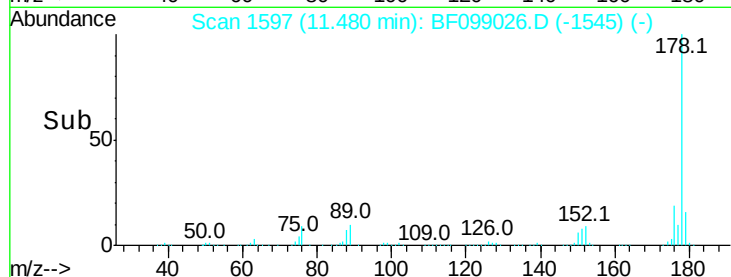
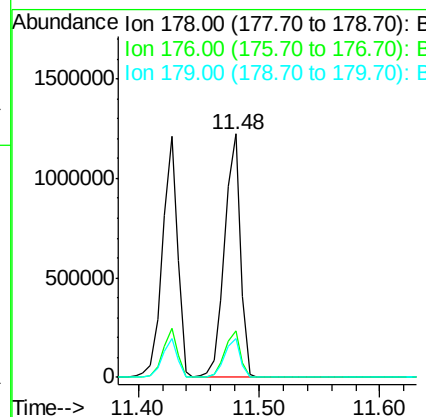
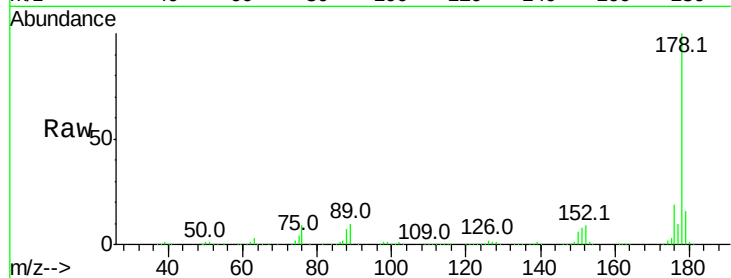
Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Tot Ion:178 Resp: 1099667

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

Manual Integrations
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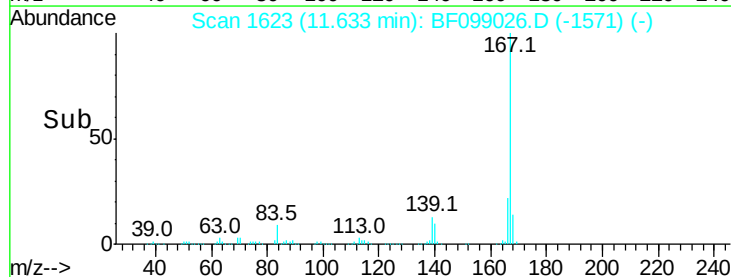
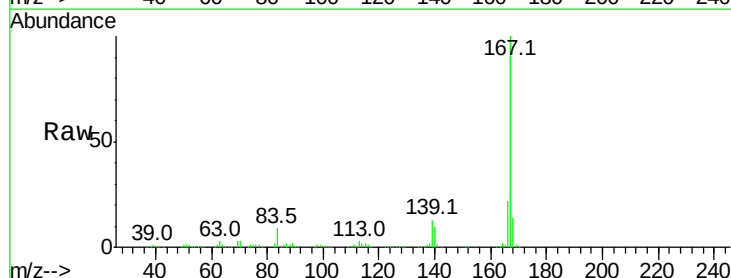
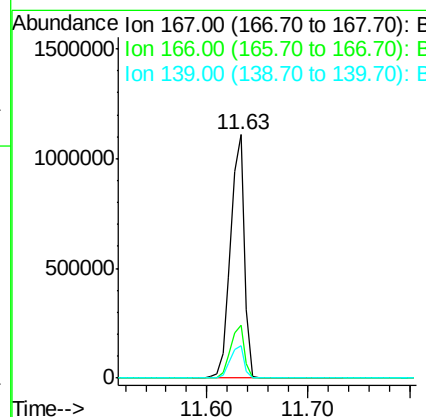
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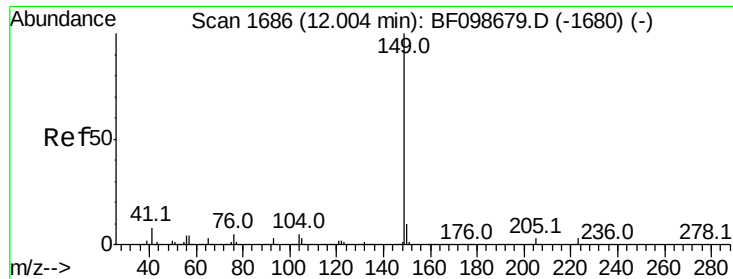


#72
 Carbazole
 Concen: 41.751 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion:167 Resp: 1048561

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.014 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB102810BS

Tot Ion:149 Resp: 1270054

Ion Ratio Lower Upper

149 100

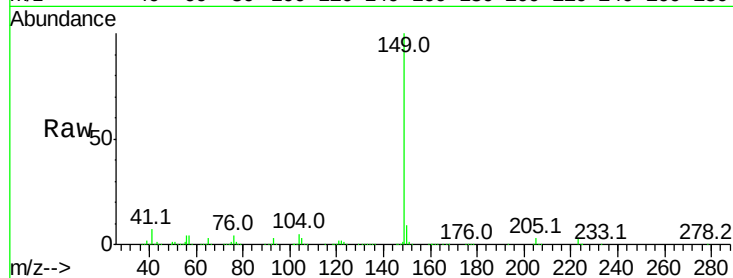
150 9.5 7.8 11.6

104 4.7 3.8 5.8

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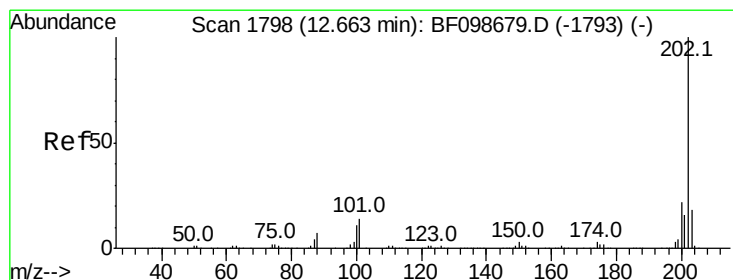
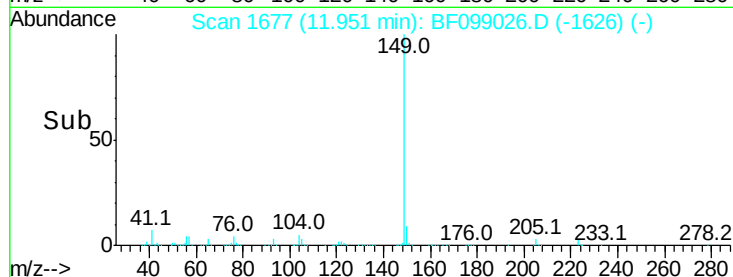
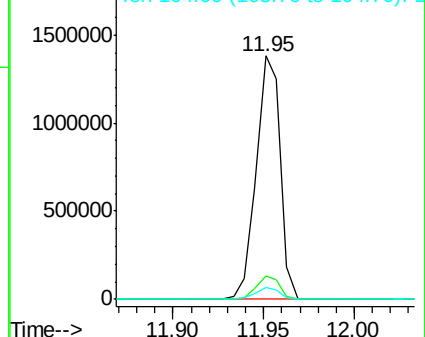
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.848 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

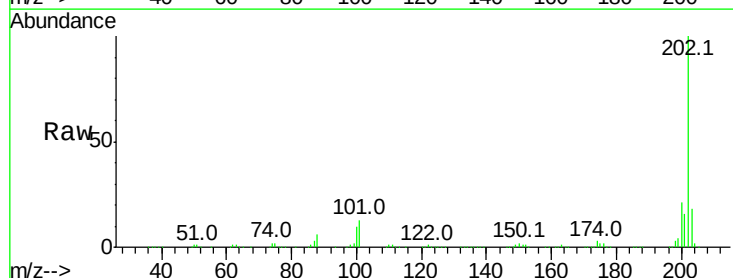
Tgt Ion:202 Resp: 1087527

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

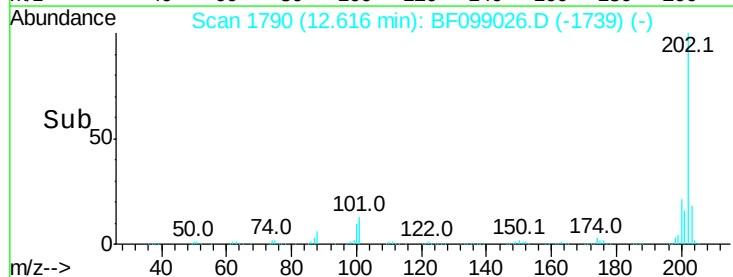
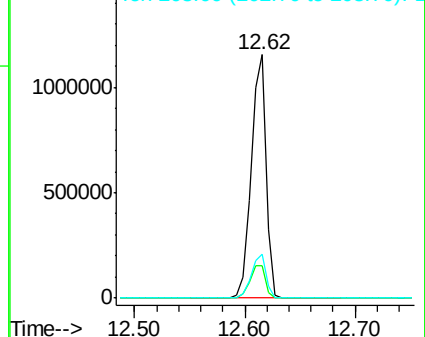
203 18.1 0.0 38.1

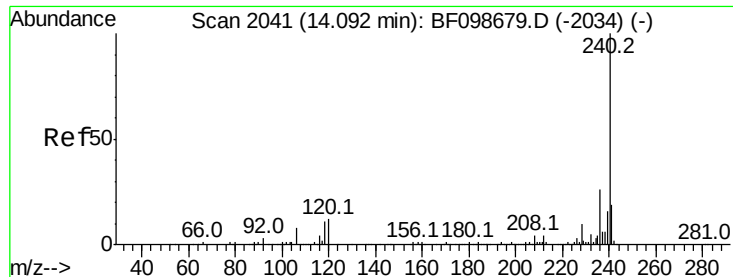


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

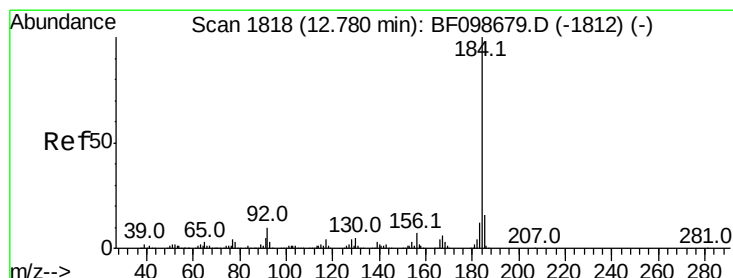
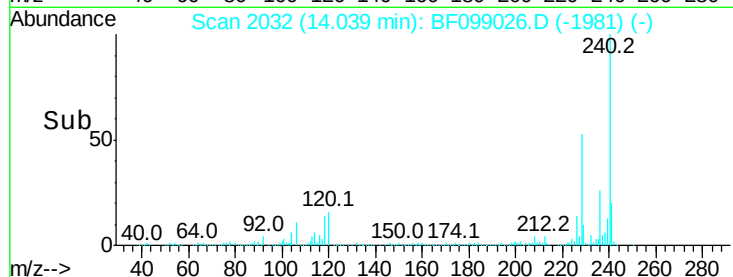
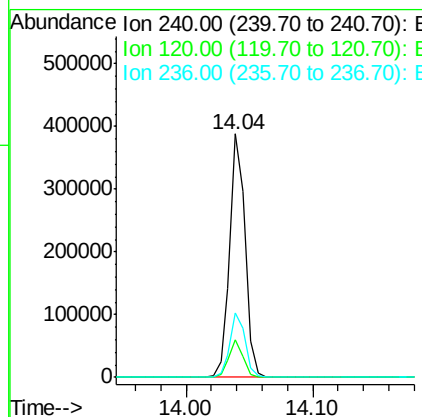
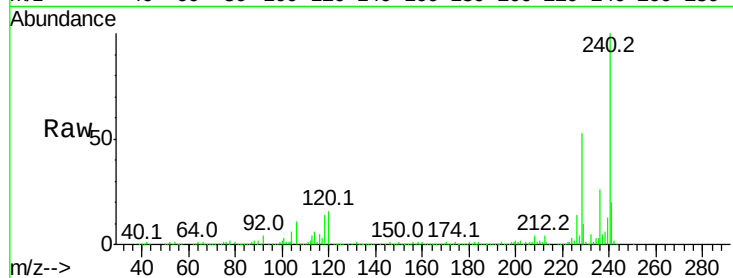
ClientSampled :

PB102810BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.6	9.5	14.3#	
236	26.5	20.7	31.1	

Manual Integrations
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#76

Benzidine

Concen: 23.072 ng

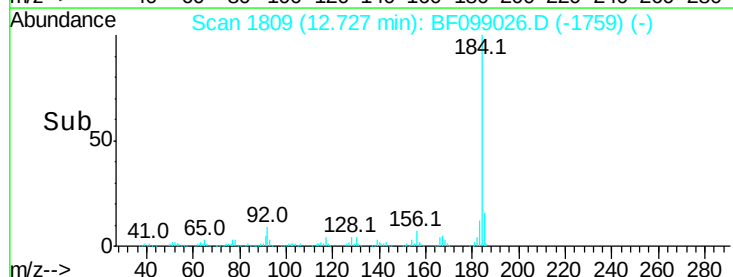
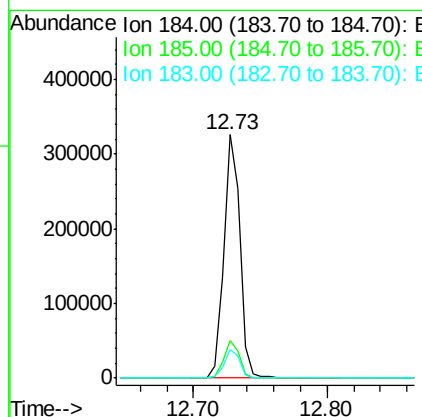
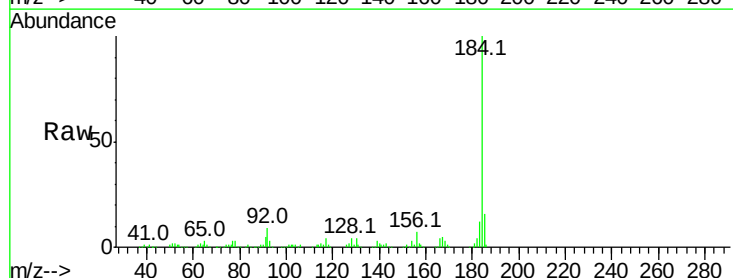
RT: 12.73 min Scan# 1809

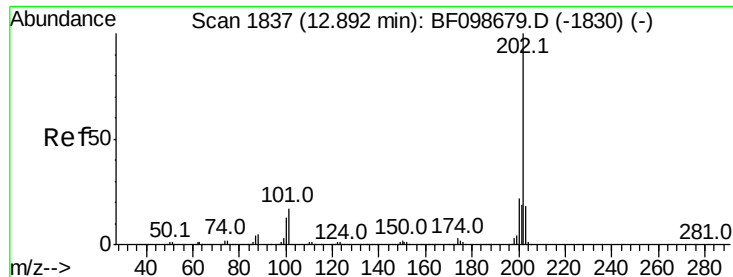
Delta R.T. -0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.5	12.6	18.8	
183	11.9	9.3	13.9	





#77

Pvrene

Concen: 44.417 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

PB102810BS

Tot Ion:202 Resp: 1105818

Ion Ratio Lower Upper

202 100

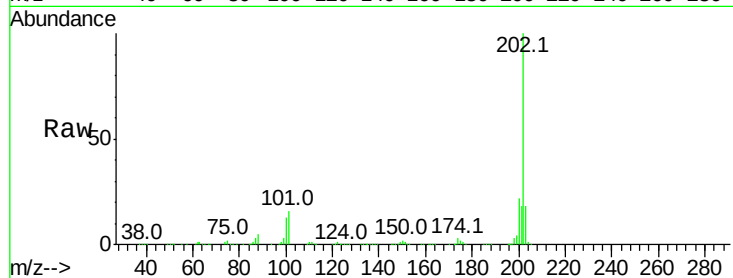
200 21.9 17.4 26.2

203 17.6 14.3 21.5

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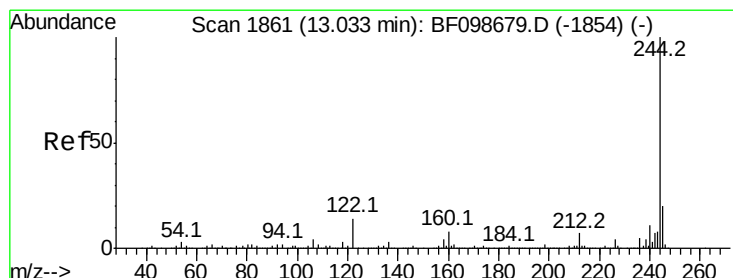
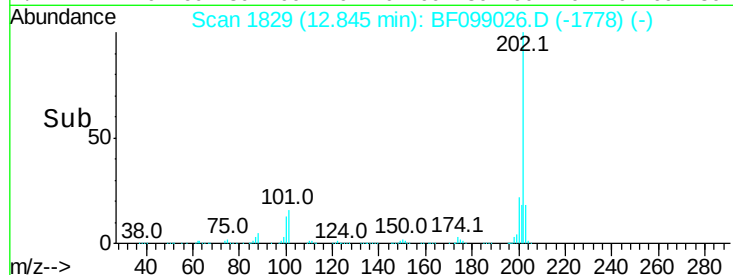
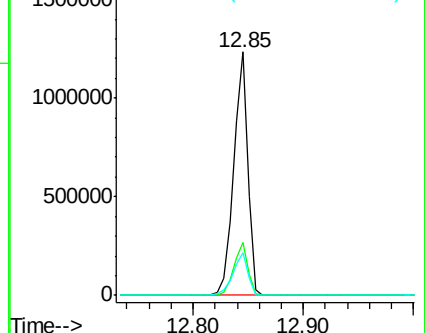
10/4/2017 7:21:14 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.209 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

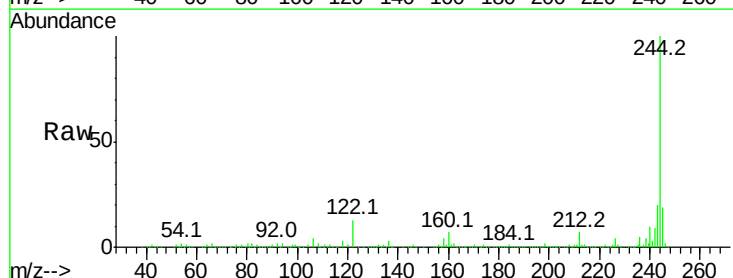
Tgt Ion:244 Resp: 1266376

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

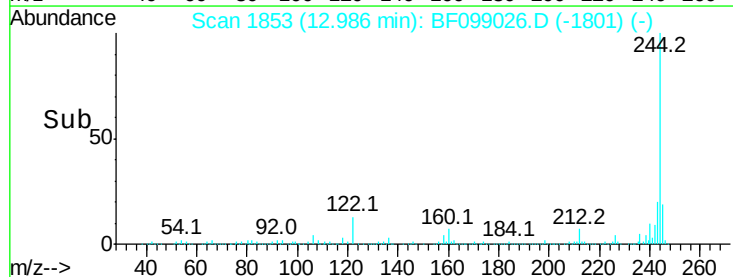
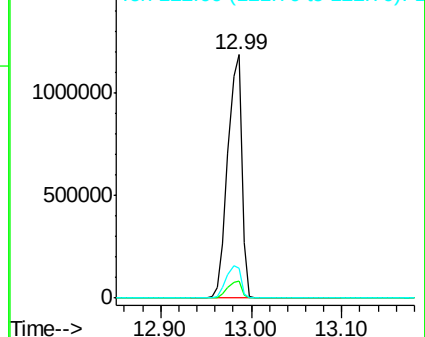
122 12.5 11.0 16.4

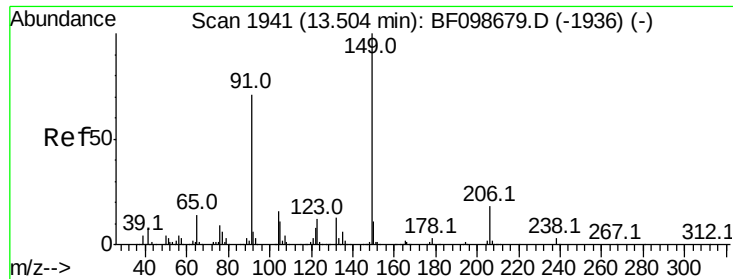


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





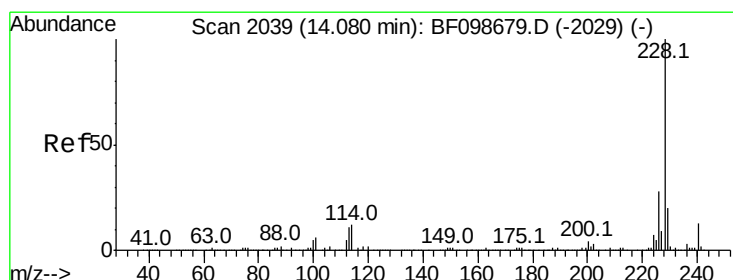
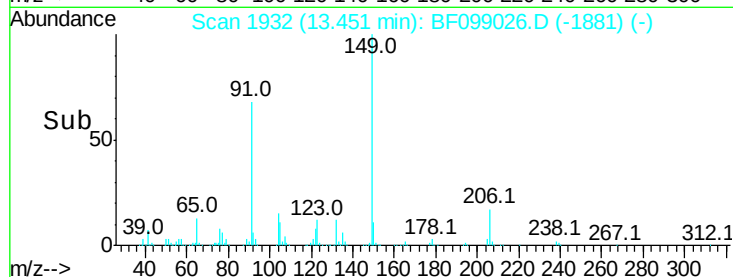
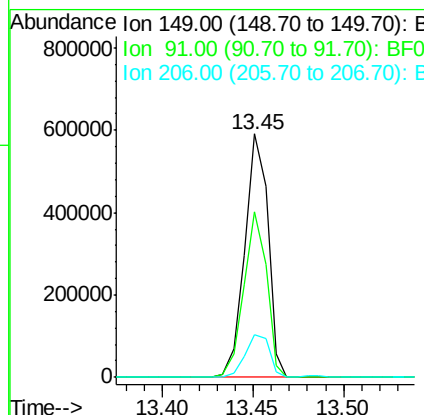
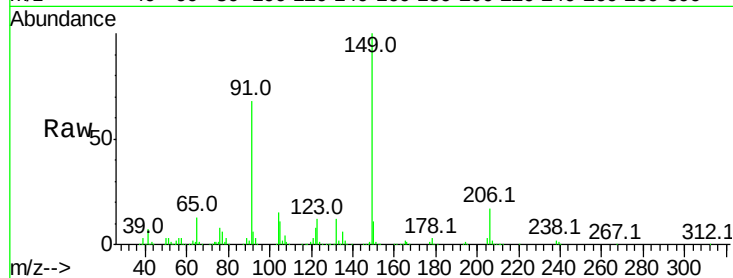
#79
Butylbenzylphthalate
Concen: 44.908 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.9	56.8	85.2
206	17.3	14.1	21.1

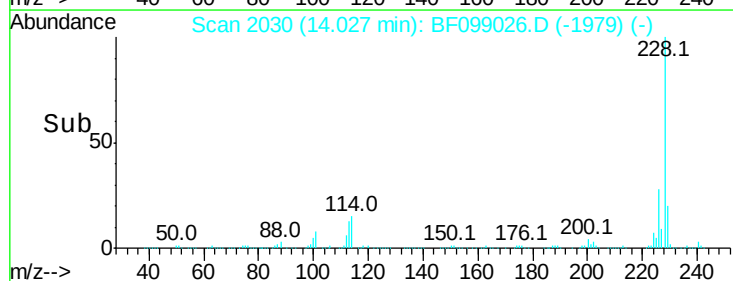
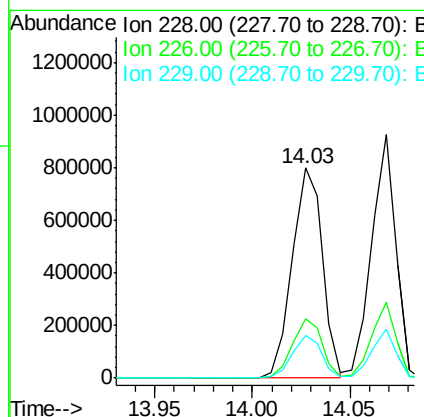
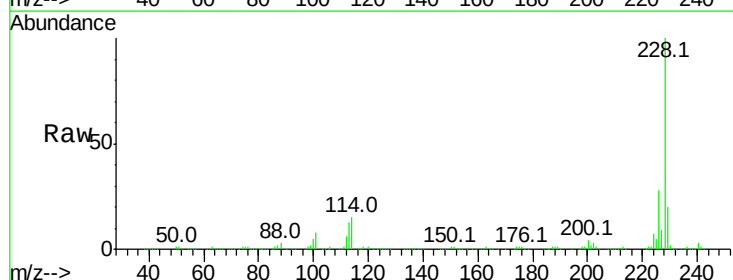
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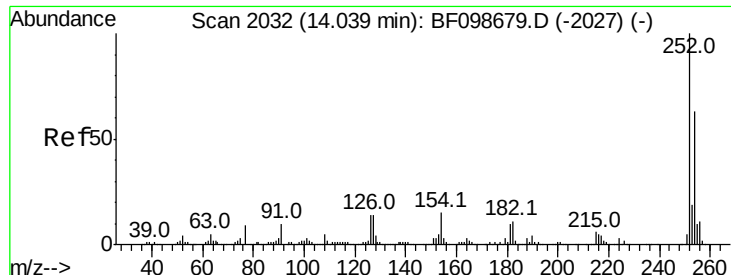
Sohil
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#80
Benzo(a)anthracene
Concen: 43.219 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.1	15.8	23.6





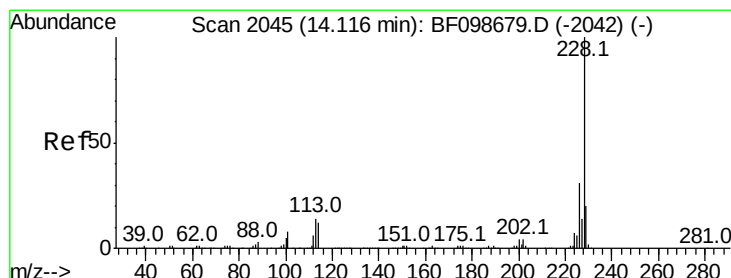
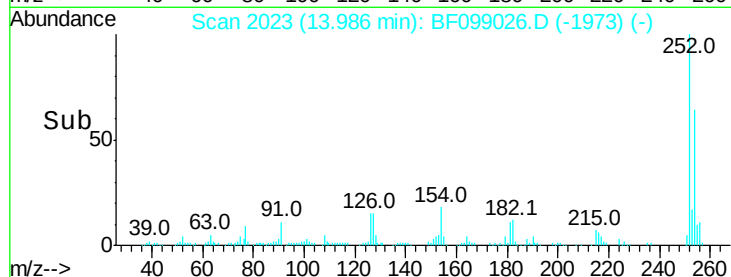
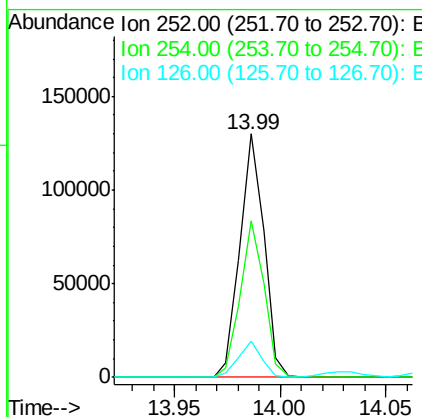
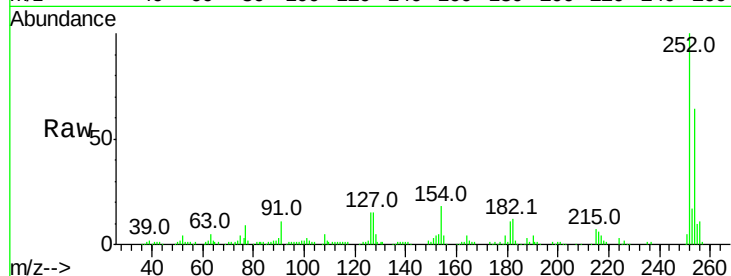
#81
 3,3'-Dichlorobenzidine
 Concen: 14.168 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	50.4	75.6
126	15.1	11.3	16.9

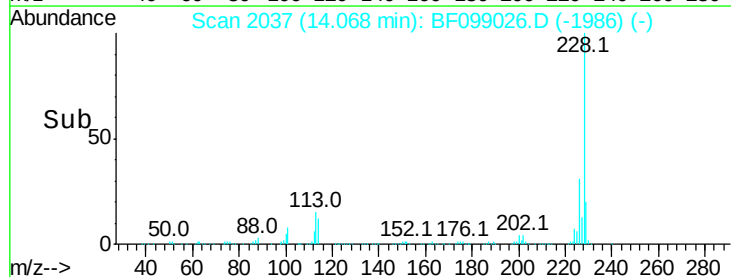
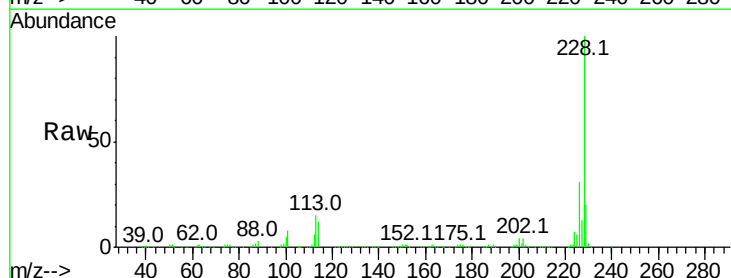
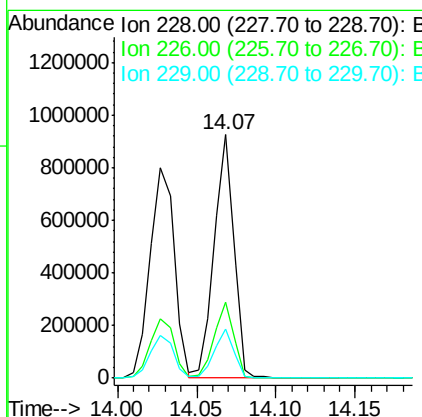
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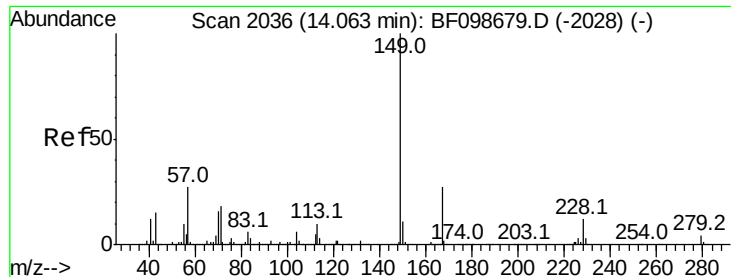
Sohil
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#82
 Chrysene
 Concen: 42.657 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.0	16.2	24.4





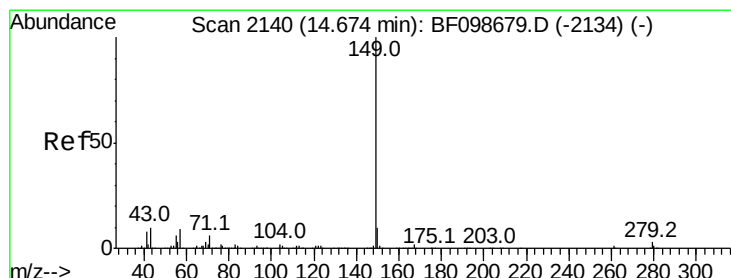
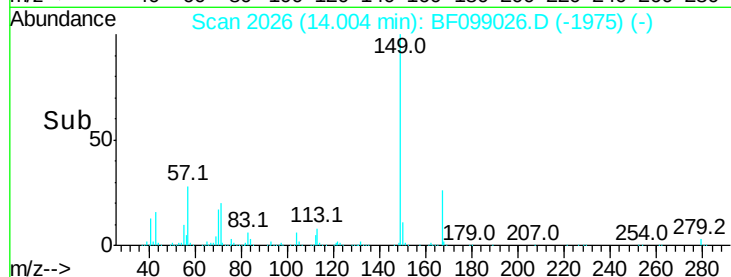
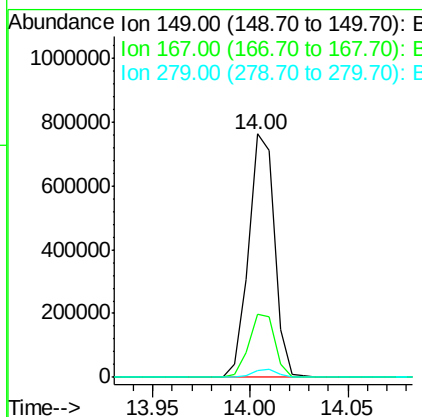
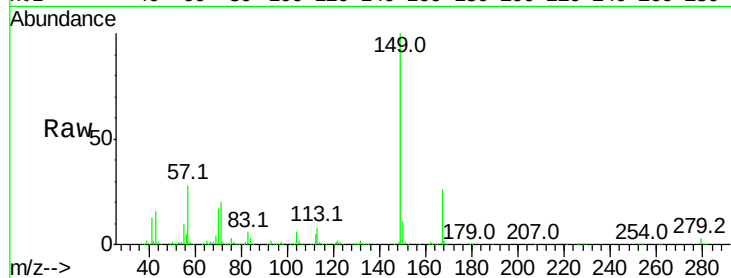
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.634 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampled :
 PB102810BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	2.6	3.0	4.4#

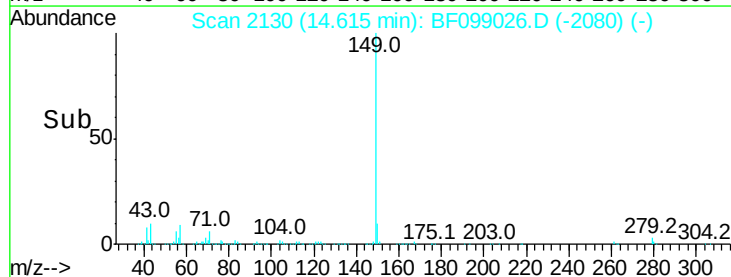
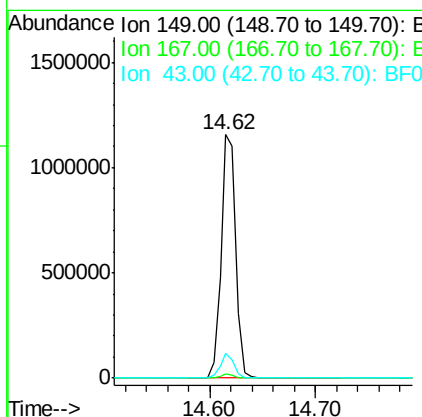
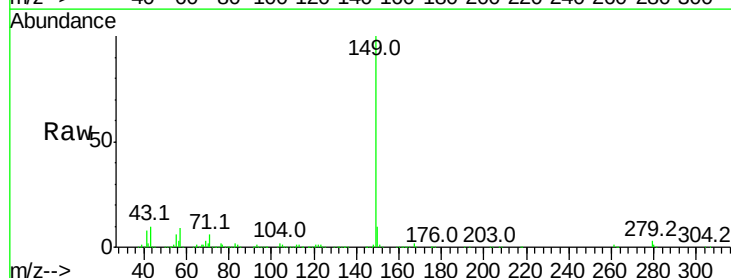
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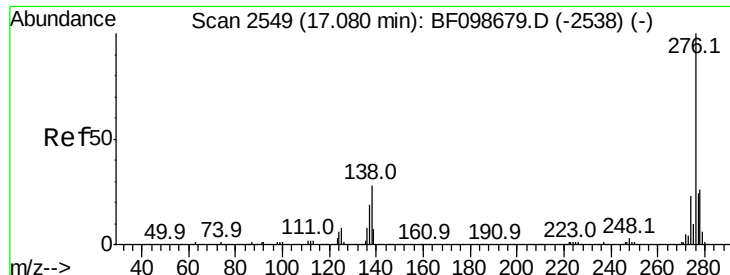
Sohil
 10/4/2017 7:21:14 PM



#84
 Di-n-octyl phthalate
 Concen: 43.021 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.031 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

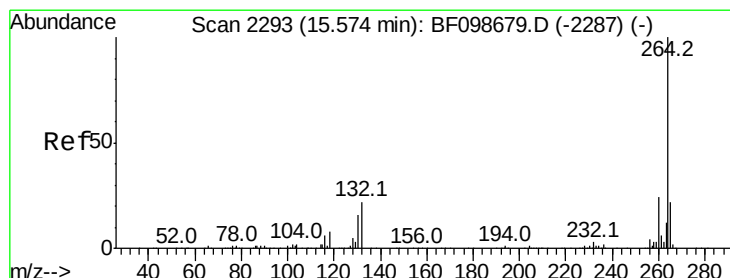
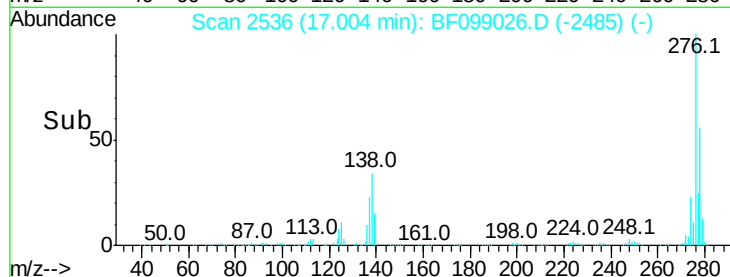
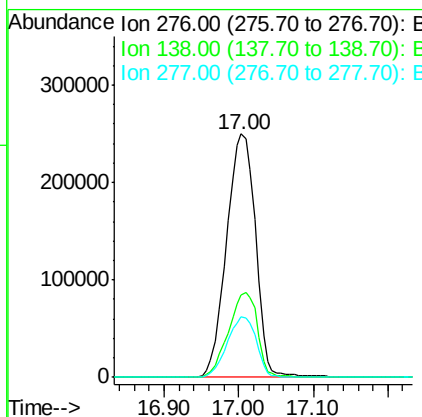
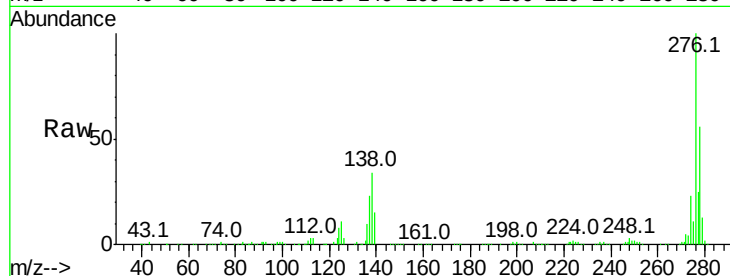
ClientSampleId :

PB102810BS

Tot Ion:	276	Resp:	678011
Ion Ratio	Lower	Upper	
276	100		
138	34.6	25.0	37.6
277	24.9	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

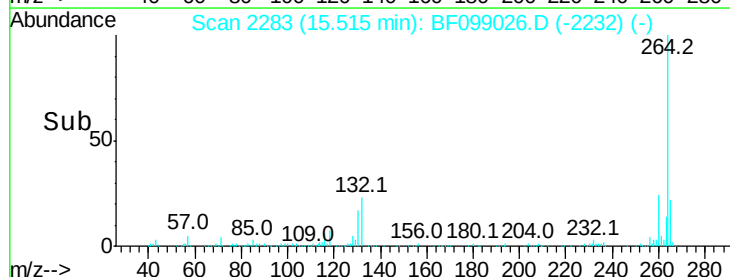
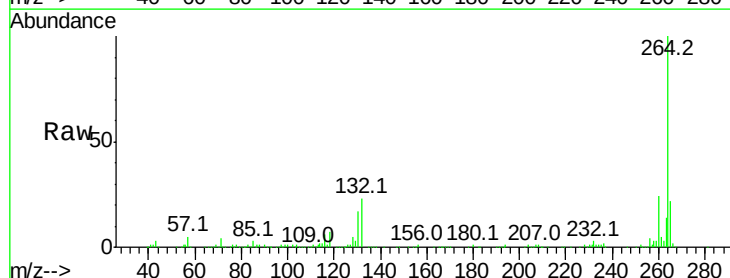
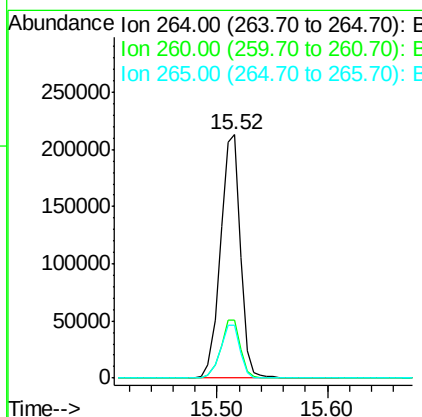
RT: 15.52 min Scan# 2283

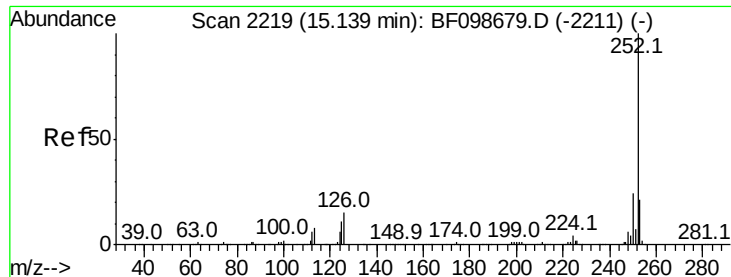
Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion:	264	Resp:	267989
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3





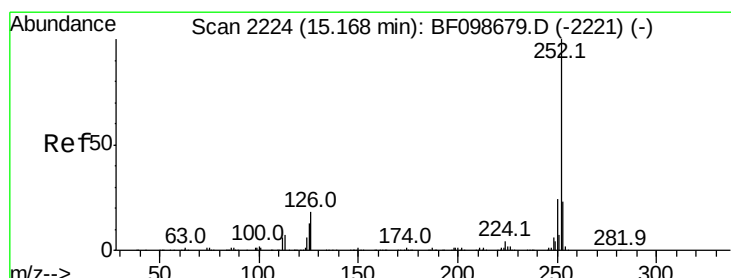
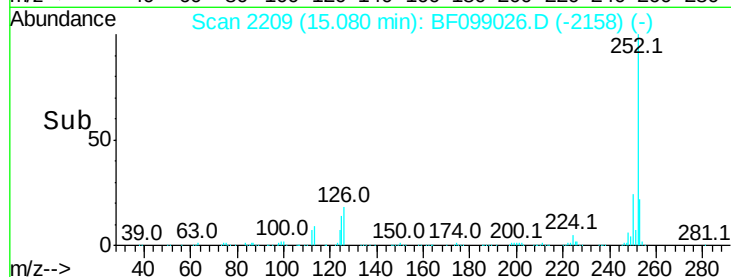
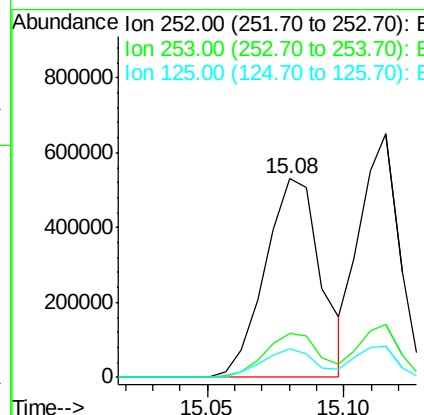
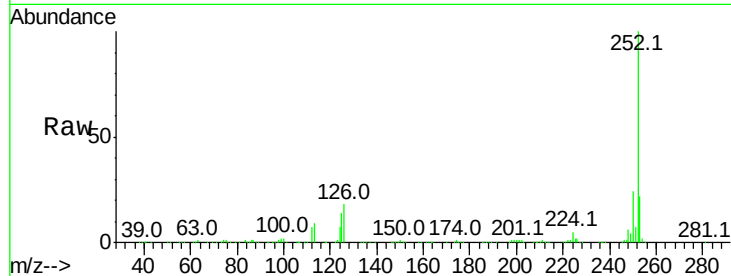
#87
Benzo(b)fluoranthene
Concen: 45.517 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	14.1	9.0	13.6

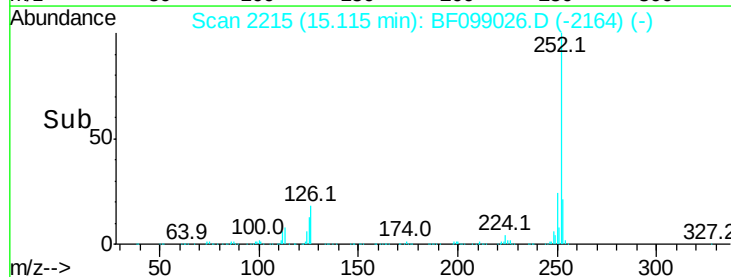
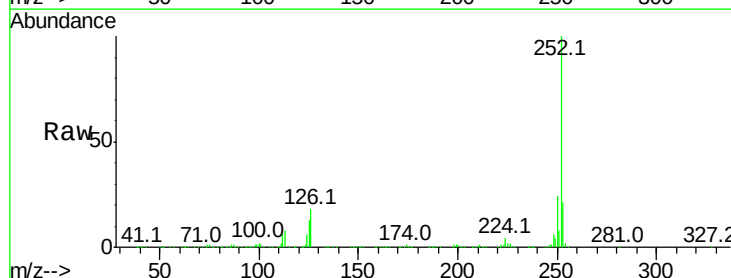
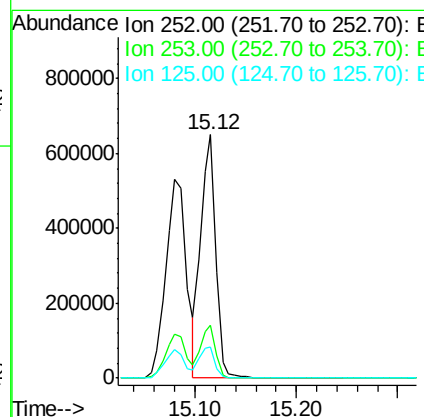
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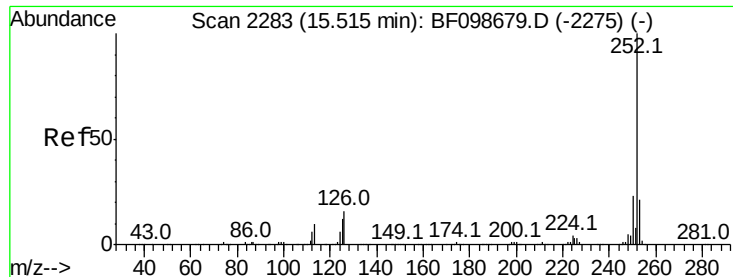
Sohil
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#88
Benzo(k)fluoranthene
Concen: 40.818 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.7	10.2	15.2





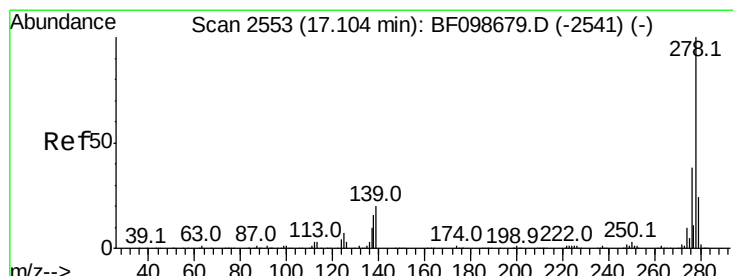
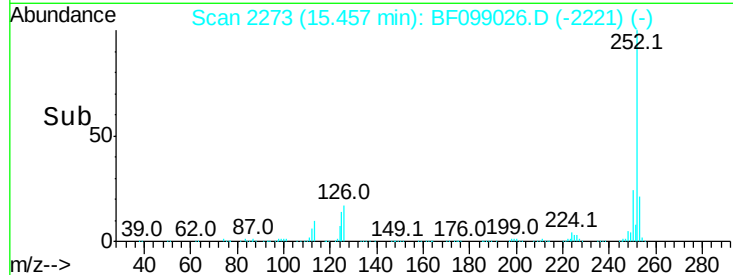
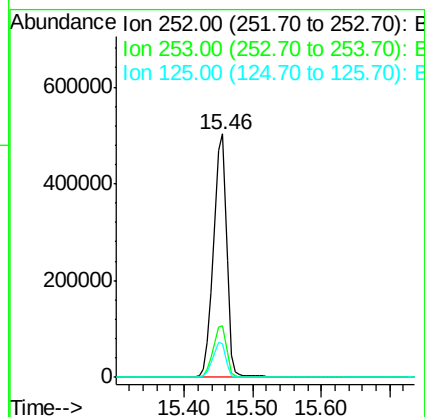
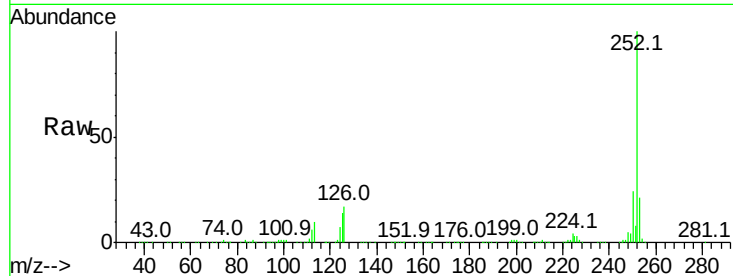
#89
Benzo(a)pyrene
Concen: 44.212 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :
PB102810BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	14.0	9.8	14.6

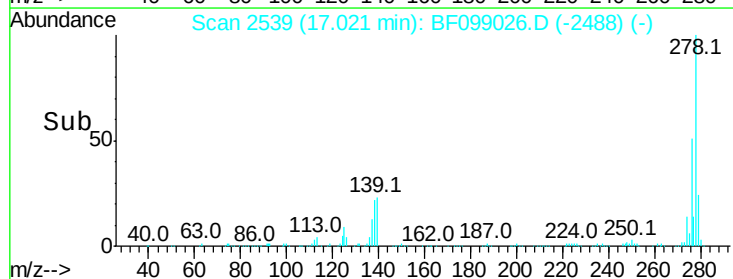
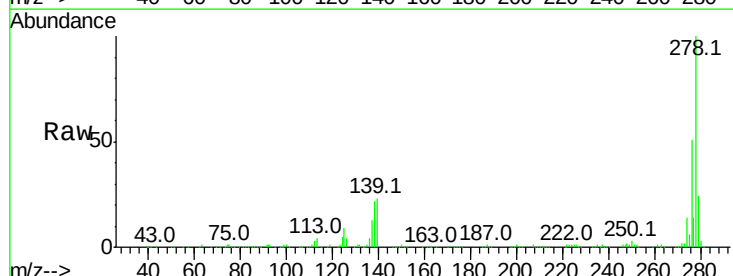
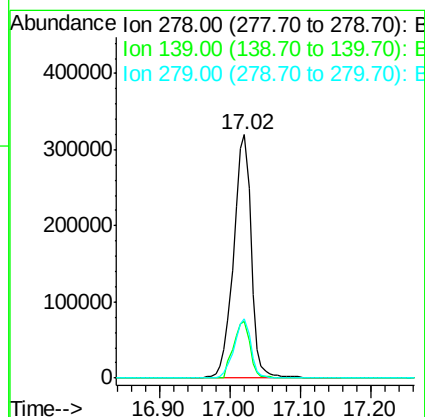
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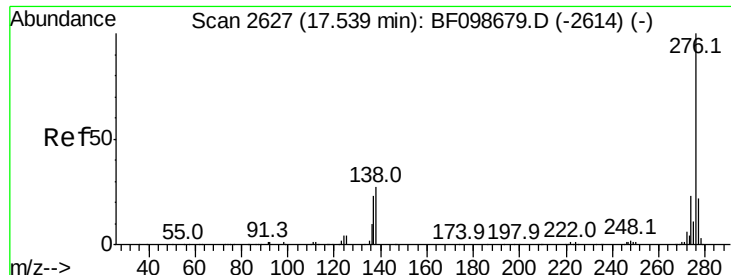
Sohil
10/4/2017 7:21:14 PM



#90
Dibenzo(a,h)anthracene
Concen: 46.182 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.5	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.098 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :
 PB102810BS

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

Manual Integrations
 APPROVED

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 10/4/2017 7:21:14 PM

