

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098483.D
 Acq On : 13 Sep 2017 12:06
 Operator : SJ/JU
 Sample : PB102212BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BS

Manual Integrations
 APPROVED

Sohil
 9/14/2017 5:52:15 PM

Quant Time: Sep 13 13:41:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	164782	20.00	ng	-0.02
21) Naphthalene-d8	7.94	136	692879	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	320606	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	620283	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	494289	20.00	ng	-0.01
86) Perylene-d12	15.20	264	409245	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1466062	131.54	ng	0.00
7) Phenol-d6	6.31	99	1782766	125.99	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1113157	89.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	364043	170.13	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1887909	99.81	ng	-0.02
78) Terphenyl-d14	12.76	244	1826030	79.74	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	216996	37.723	ng	90
3) Pyridine	3.04	79	618402	40.481	ng	# 85
4) n-Nitrosodimethylamine	3.00	42	293357	39.170	ng	97
6) Aniline	6.32	93	619428	34.893	ng	# 1
8) 2-Chlorophenol	6.45	128	535972	43.734	ng	98
9) Benzaldehyde	6.20	77	301399	32.583	ng	94
10) Phenol	6.32	94	675583	41.104	ng	# 73
11) bis(2-Chloroethyl)ether	6.40	93	512113	41.326	ng	93
12) 1,3-Dichlorobenzene	6.59	146	544456	44.138	ng	97
13) 1,4-Dichlorobenzene	6.67	146	545034	43.137	ng	94
14) 1,2-Dichlorobenzene	6.82	146	505046	43.874	ng	99
15) Benzyl Alcohol	6.81	79	432877	45.965	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	823108	40.369	ng	89
17) 2-Methylphenol	6.93	107	445276	44.557	ng	91
18) Hexachloroethane	7.16	117	204455	42.253	ng	88
19) n-Nitroso-di-n-propylamine	7.07	70	370635	41.640	ng	99
20) 3+4-Methylphenols	7.08	107	567677	45.014	ng	# 76
22) Acetophenone	7.07	105	733513	40.960	ng	# 91
24) Nitrobenzene	7.25	77	578892	40.892	ng	96
25) Isophorone	7.49	82	1032246	41.050	ng	98
26) 2-Nitrophenol	7.56	139	286356	50.098	ng	# 91
27) 2,4-Dimethylphenol	7.60	122	482623	44.293	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	659629	42.990	ng	99
29) 2,4-Dichlorophenol	7.80	162	434030	47.894	ng	94
30) 1,2,4-Trichlorobenzene	7.88	180	453408	45.994	ng	99
31) Naphthalene	7.96	128	1517829	44.313	ng	99
32) Benzoic acid	7.75	122	147187	24.763	ng	98
33) 4-Chloroaniline	8.02	127	562633	40.417	ng	99
34) Hexachlorobutadiene	8.07	225	229755	45.400	ng	99
35) Caprolactam	8.40	113	156896m	50.207	ng	
36) 4-Chloro-3-methylphenol	8.51	107	502961	44.753	ng	# 83
37) 2-Methylnaphthalene	8.65	142	998527	48.126	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	414715	41.526	ng	99
40) Hexachlorocyclopentadiene	8.80	237	284003	95.007	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	279059	47.573	nq	90
43) 2,4,5-Trichlorophenol	8.98	196	298183	48.633	nq	96
45) 1,1'-Biphenyl	9.12	154	1202670	41.911	nq	98
46) 2-Chloronaphthalene	9.14	162	908346	44.322	nq	93
47) 2-Nitroaniline	9.25	65	357340	45.429	nq	99
48) Acenaphthylene	9.55	152	1371581	45.012	nq	99
49) Dimethylphthalate	9.42	163	1101210	44.372	nq	100
50) 2,6-Dinitrotoluene	9.49	165	249530	48.949	nq	# 74
51) Acenaphthene	9.72	154	868481	44.837	nq	98
52) 3-Nitroaniline	9.66	138	244838	39.787	nq	97
53) 2,4-Dinitrophenol	9.77	184	136100	58.986	nq	# 76
54) Dibenzofuran	9.90	168	1212882	47.531	nq	99
55) 4-Nitrophenol	9.84	139	350170	99.044	nq	# 48
56) 2,4-Dinitrotoluene	9.89	165	310437	50.090	nq	# 50
57) Fluorene	10.24	166	961104	45.505	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	231573	56.200	nq	95
59) Diethylphthalate	10.12	149	1062846	45.032	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	451602	46.292	nq	91
61) 4-Nitroaniline	10.27	138	302014	48.597	nq	88
62) Azobenzene	10.39	77	1117332	43.924	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	139113	37.748	nq	86
65) n-Nitrosodiphenylamine	10.35	169	901737	44.771	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	277168	47.081	nq	99
67) Hexachlorobenzene	10.79	284	273233	45.757	nq	# 92
68) Atrazine	10.89	200	292990	47.252	nq	98
69) Pentachlorophenol	10.99	266	220700	83.190	nq	96
70) Phenanthrene	11.20	178	1548956	47.105	nq	98
71) Anthracene	11.25	178	1591048	47.127	nq	99
72) Carbazole	11.41	167	1453896	46.208	nq	99
73) Di-n-butylphthalate	11.74	149	1690345	44.838	nq	99
74) Fluoranthene	12.38	202	1642074	49.883	nq	99
76) Benzidine	12.51	184	1109341	50.711	nq	# 93
77) Pyrene	12.61	202	1684228	43.193	nq	100
79) Butylbenzylphthalate	13.23	149	770529	45.550	nq	# 76
80) Benzo(a)anthracene	13.80	228	1335087	46.070	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	392037	34.811	nq	# 96
82) Chrysene	13.83	228	1304630	44.537	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	929882	43.800	nq	# 99
84) Di-n-octyl phthalate	14.40	149	1660710	45.593	nq	99
85) Indeno(1,2,3-cd)pyrene	16.54	276	946873	46.073	nq	99
87) Benzo(b)fluoranthene	14.81	252	1183499	45.993	nq	98
88) Benzo(k)fluoranthene	14.84	252	1134919m	47.244	nq	
89) Benzo(a)pyrene	15.14	252	1080148	47.117	nq	99
90) Dibenzo(a,h)anthracene	16.55	278	774765	46.459	nq	99
91) Benzo(g,h,i)perylene	16.94	276	787853	46.971	nq	97

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

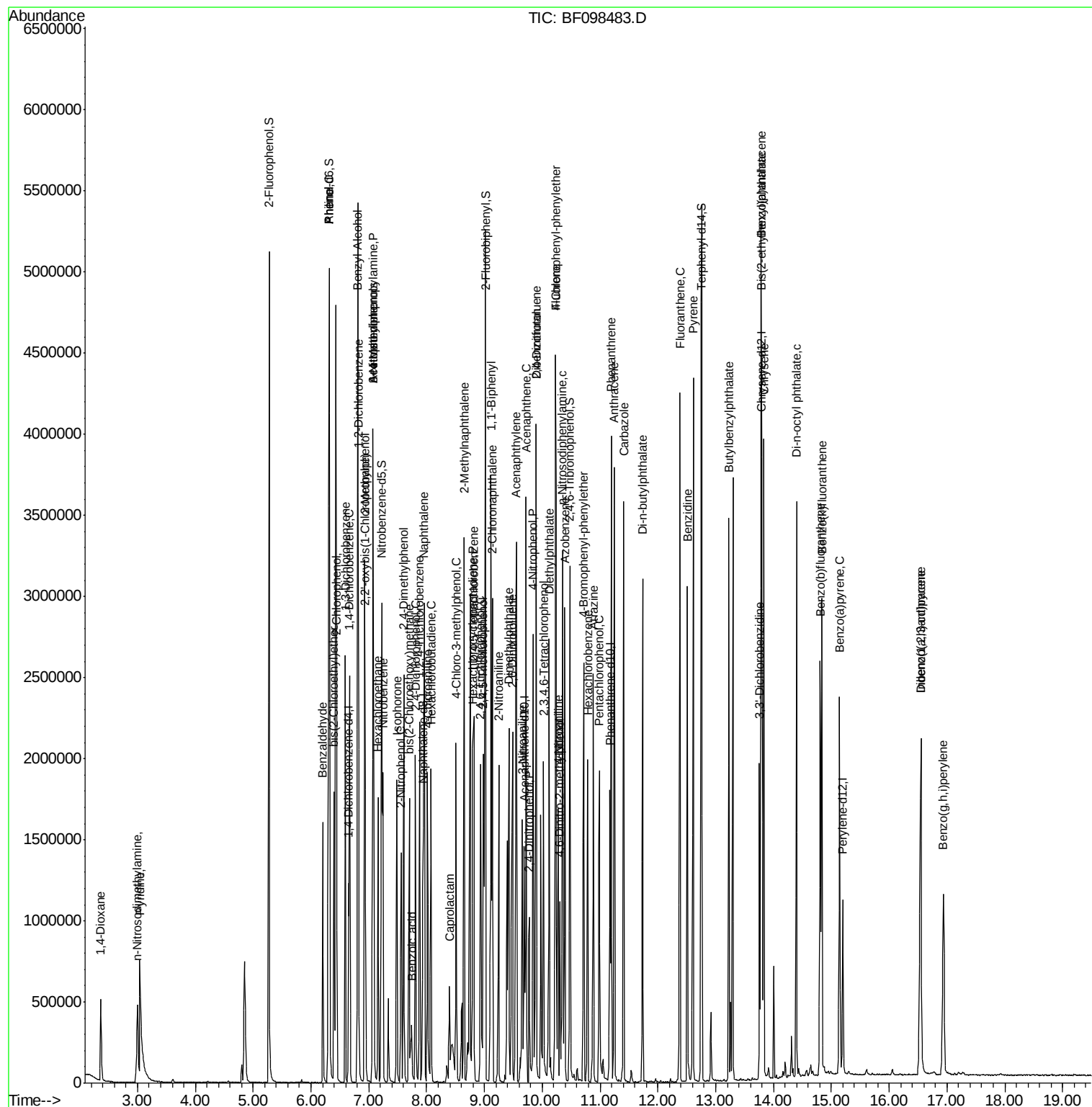
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091317\
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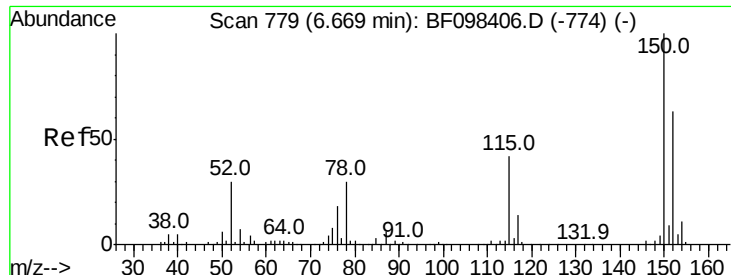
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

PB102212BS

Tot Ion:152 Resp: 164782

Ion Ratio Lower Upper

152 100

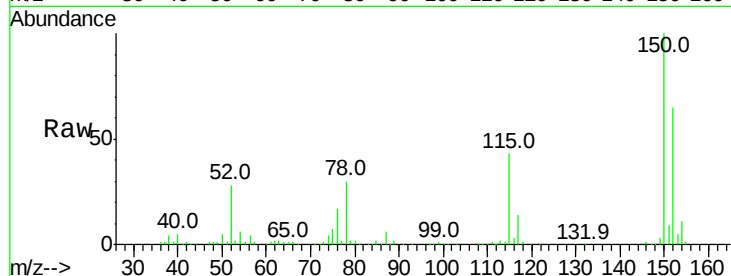
150 154.2 126.2 189.2

115 66.9 52.2 78.2

Manual Integrations
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Sohil

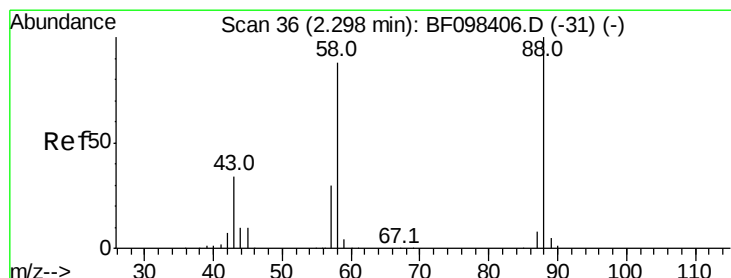
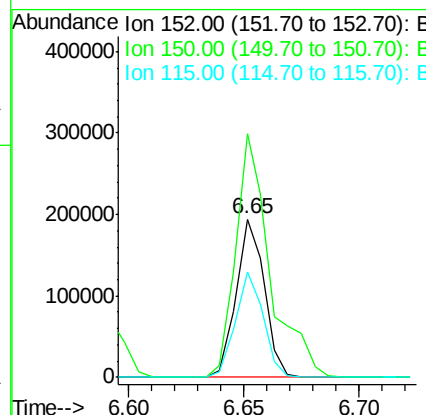
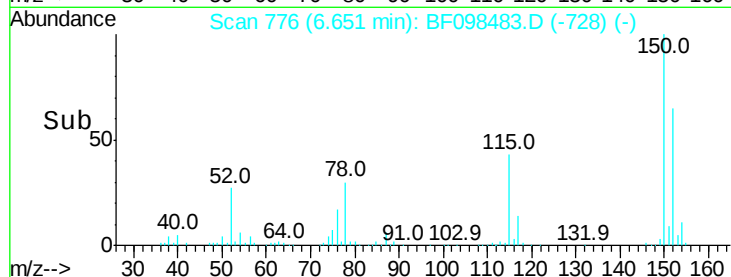
9/14/2017 5:52:15 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.723 ng

RT: 2.36 min Scan# 47

Delta R.T. 0.06 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

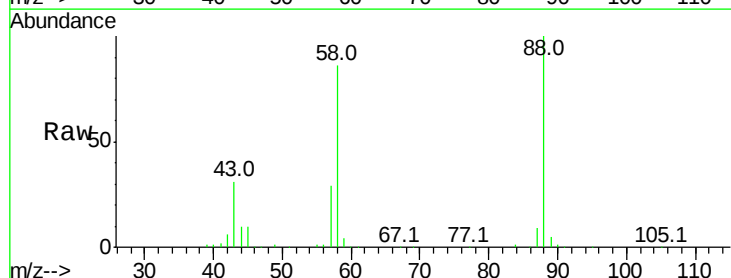
Tgt Ion: 88 Resp: 216996

Ion Ratio Lower Upper

88 100

58 87.5 61.4 92.0

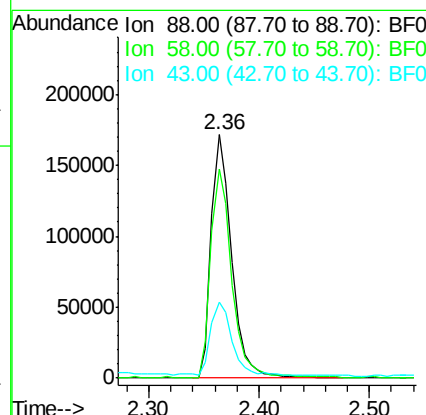
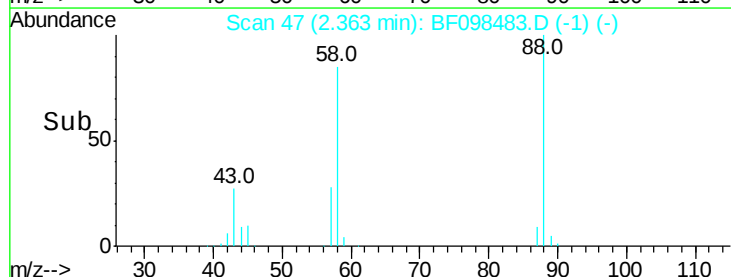
43 31.4 23.4 35.0

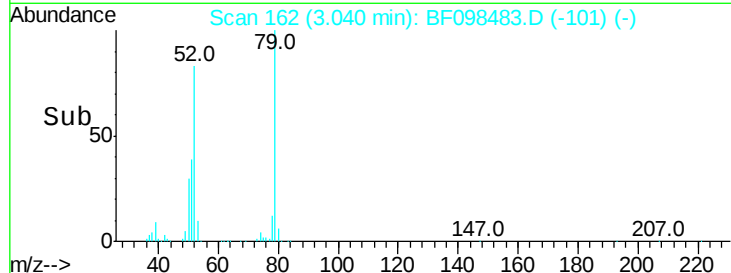
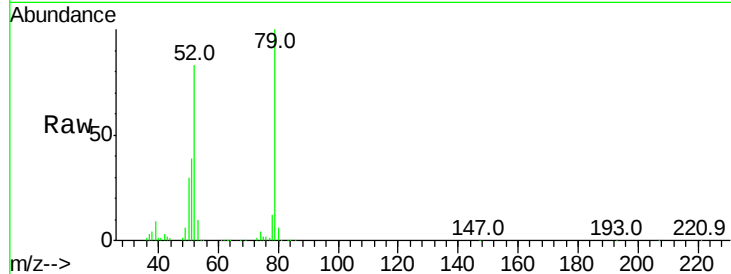
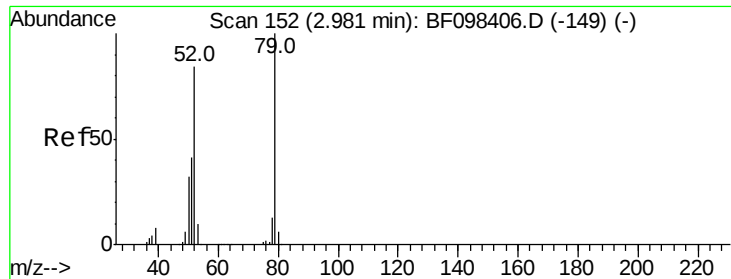


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





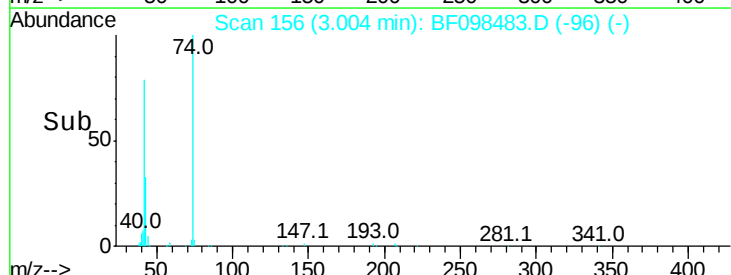
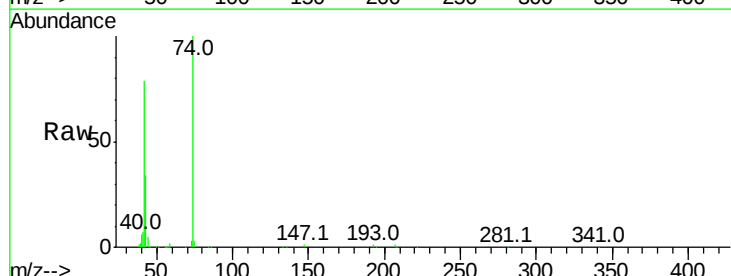
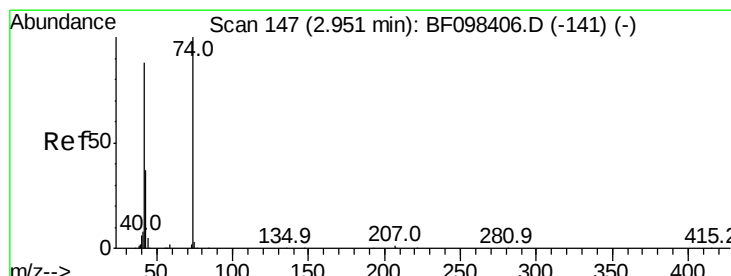
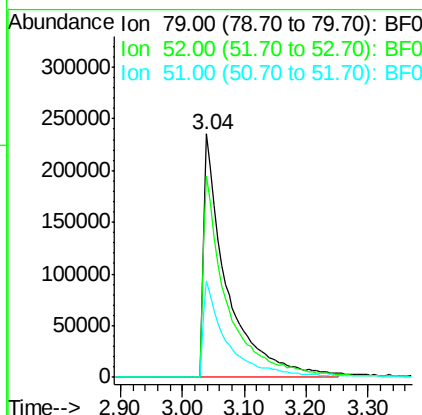
#3
Pvridine
Concen: 40.481 ng
RT: 3.04 min Scan# 162
Delta R.T. 0.06 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tot Ion: 79 Resp: 618402
Ion Ratio Lower Upper
79 100
52 82.7 54.8 82.2#
51 39.4 27.0 40.4

Instrument :
BNA_F
ClientSampleId :
PB102212BS

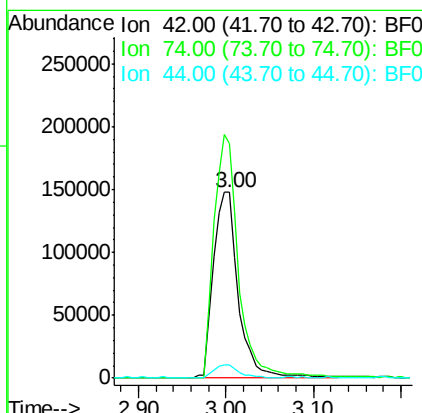
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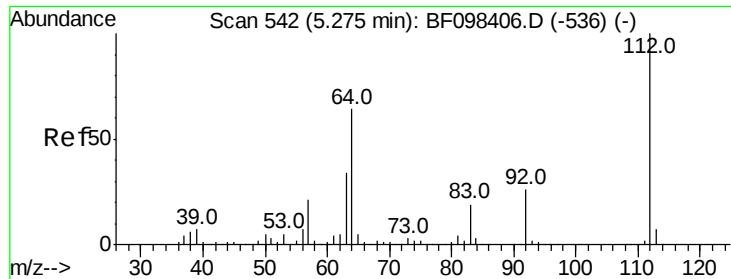
Sohil
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#4
n-Nitrosodimethylamine
Concen: 39.170 ng
RT: 3.00 min Scan# 156
Delta R.T. 0.05 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion: 42 Resp: 293357
Ion Ratio Lower Upper
42 100
74 126.6 103.9 155.9
44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 131.544 ng

RT: 5.27 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampled :

PB102212BS

Tot Ion:112 Resp: 1466062

Ion Ratio Lower Upper

112 100

64 63.7 46.0 69.0

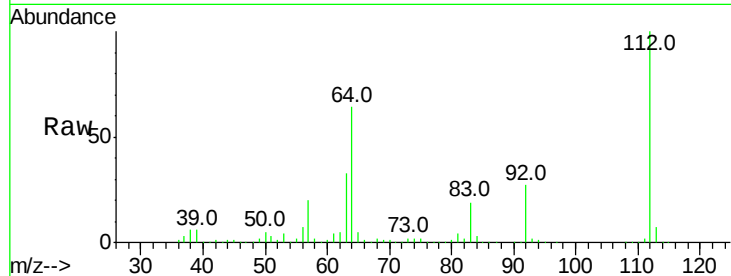
63 33.0 23.4 35.0

Manual Integrations

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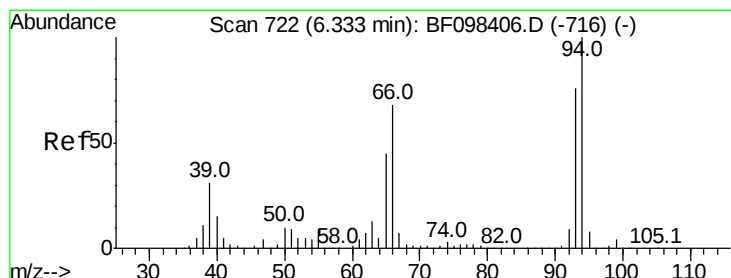
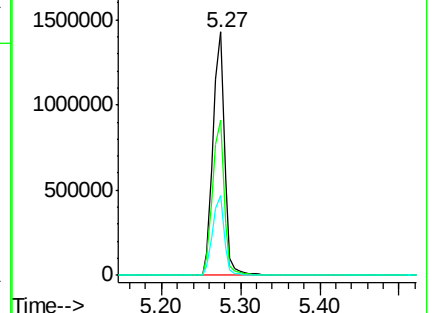
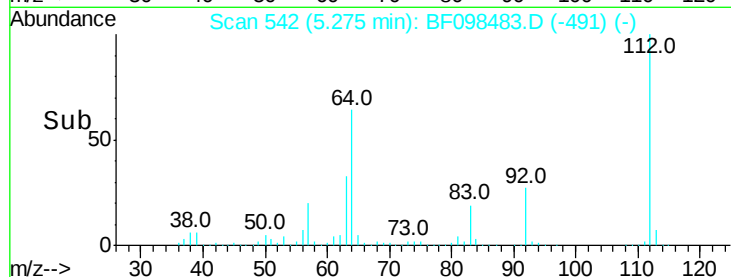
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.893 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

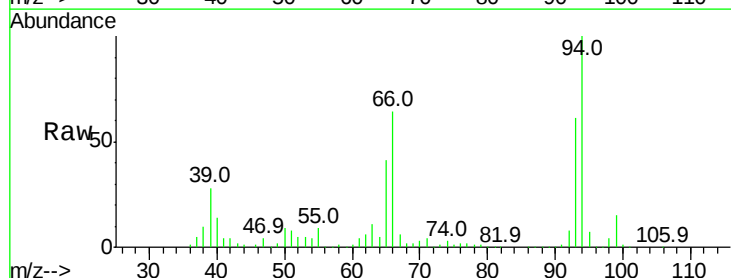
Tgt Ion: 93 Resp: 619428

Ion Ratio Lower Upper

93 100

66 103.9 32.9 49.3#

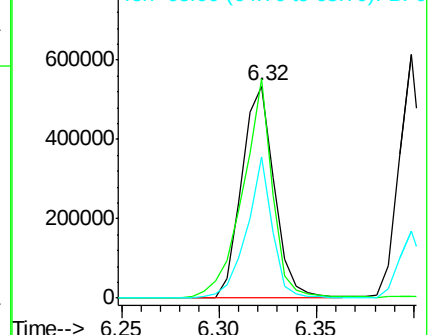
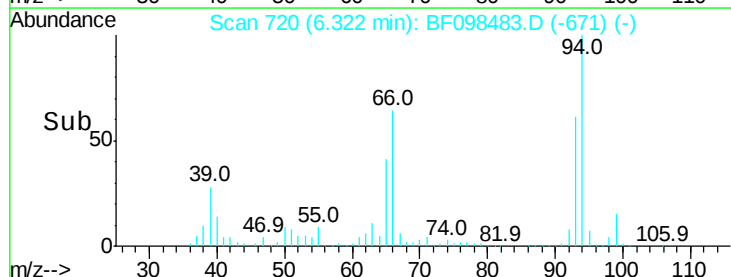
65 66.9 16.0 24.0#

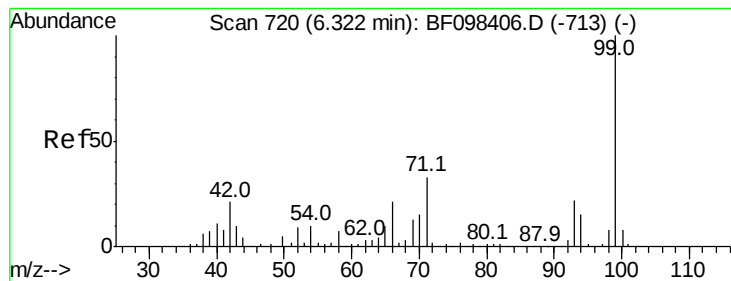


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.987 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098483.D

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Instrument :

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ClientSampleId :

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Tot Ion: 99 Resp: 1782766

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

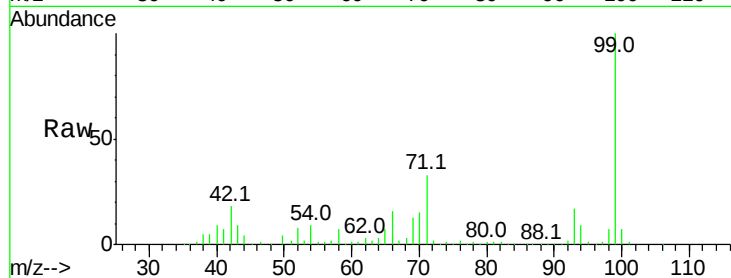
71 33.4 24.5 36.7

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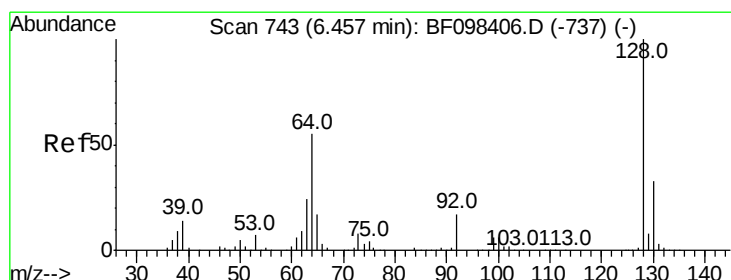
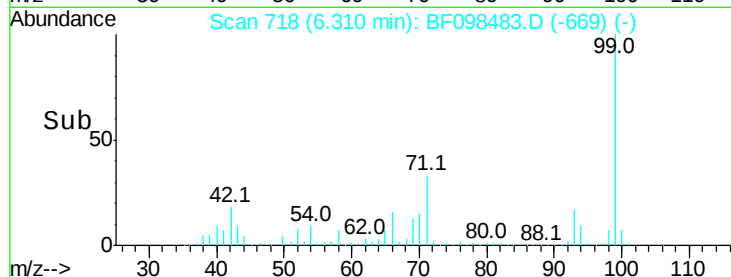
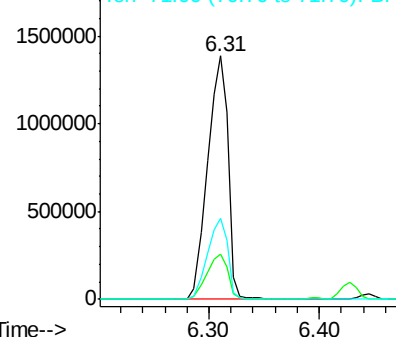
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.734 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

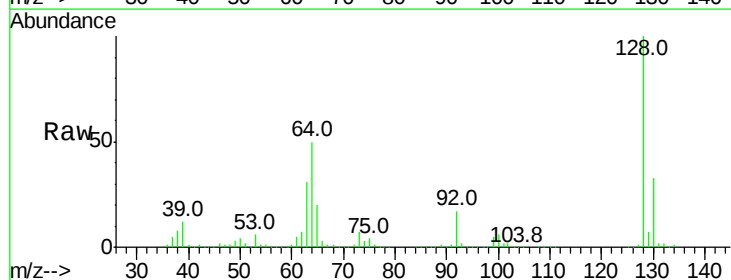
Tgt Ion: 128 Resp: 535972

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

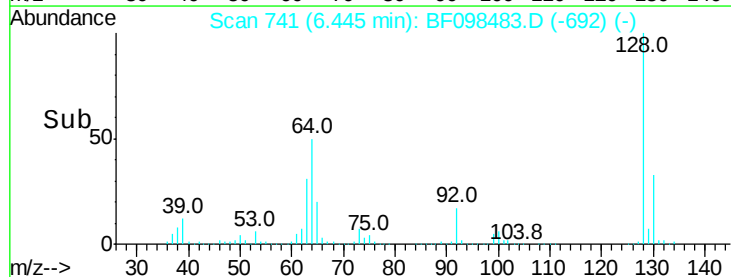
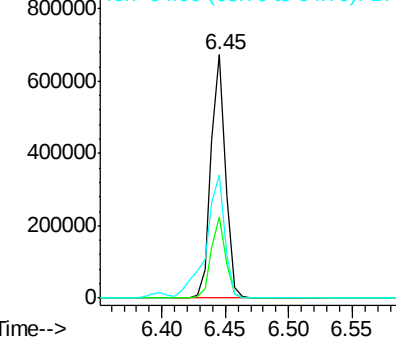
64 50.5 28.4 68.4

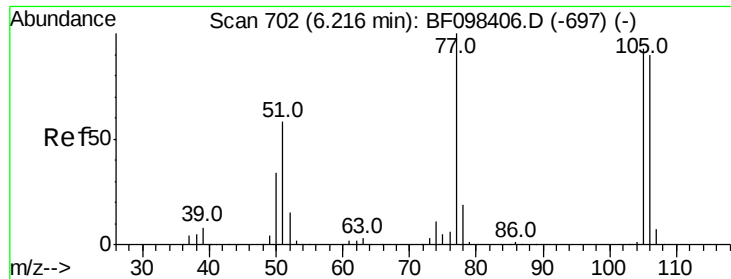


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





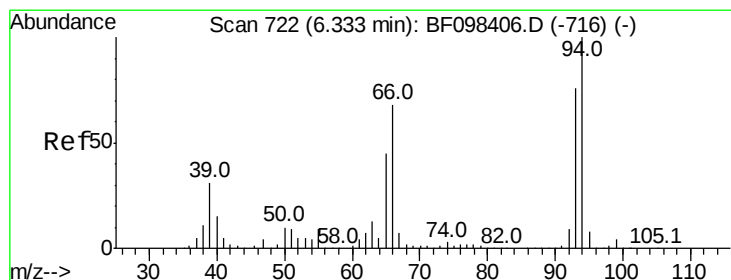
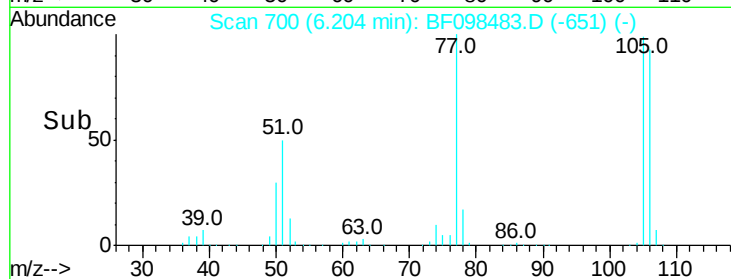
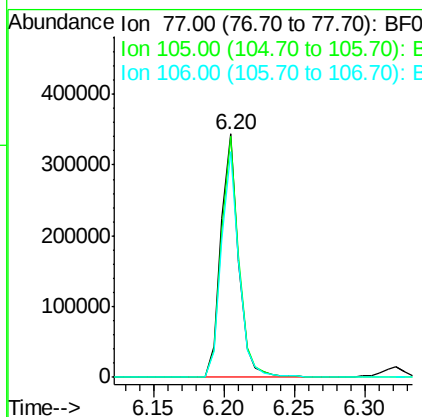
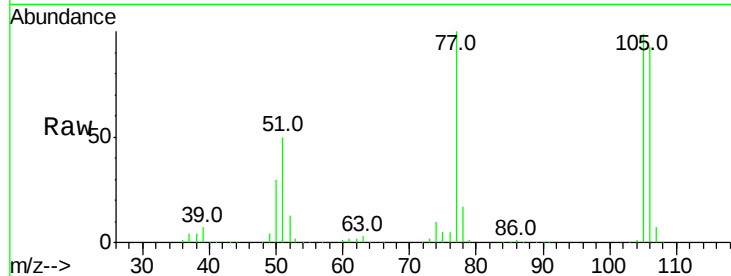
#9
Benzaldehyde
Concen: 32.583 ng
RT: 6.20 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.2	83.8	123.8
106	92.5	79.1	119.1

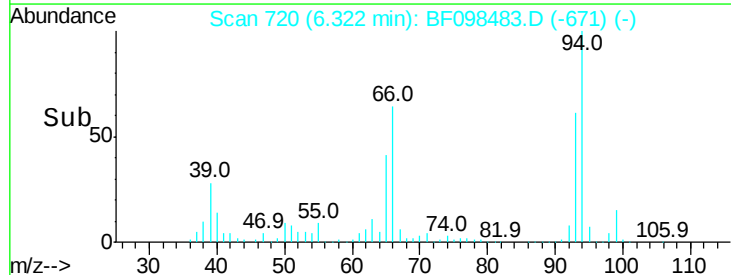
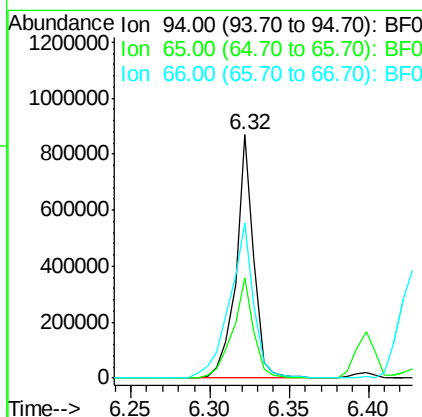
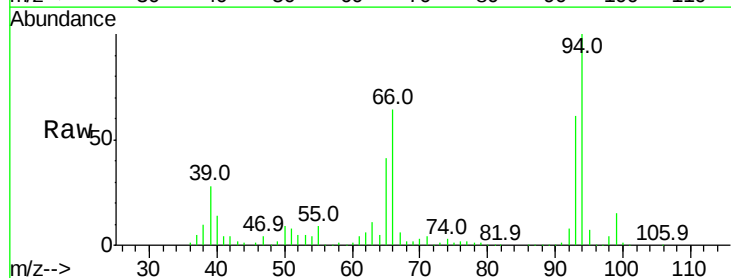
Manual Integrations
APPROVED

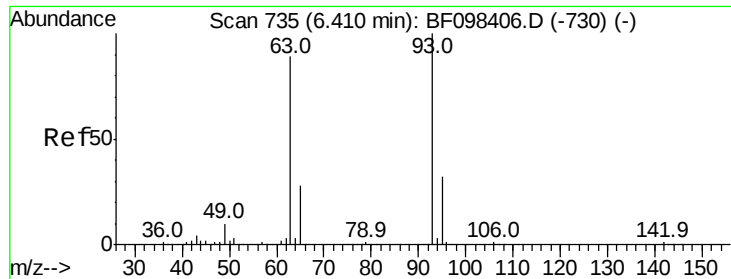
Sohil
9/14/2017 5:52:15 PM



#10
Phenol
Concen: 41.104 ng
RT: 6.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.0	9.9	49.9
66	63.7	23.1	63.1#





#11

bis(2-Chloroethyl)ether

Concen: 41.326 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

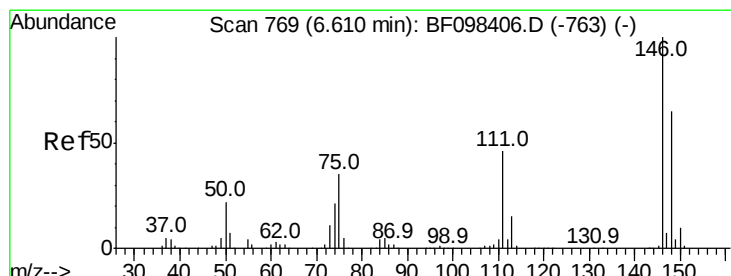
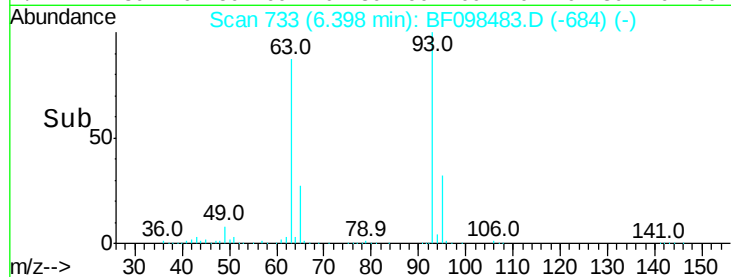
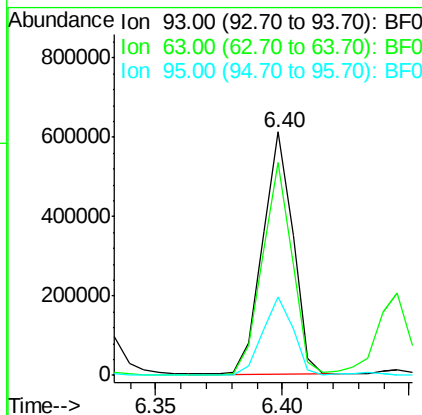
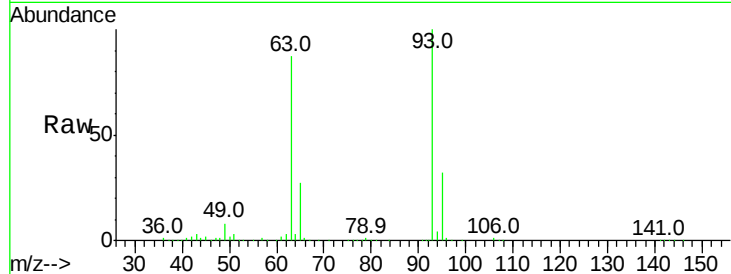
ClientSampleId :

PB102212BS

Tot Ion:	93	Resp:	512113
Ion Ratio	Lower	Upper	
93	100		
63	87.3	59.2	99.2
95	32.4	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 44.138 ng

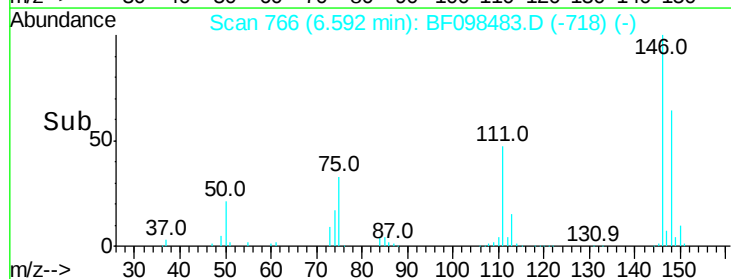
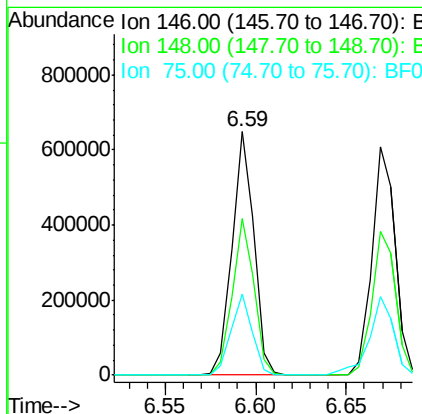
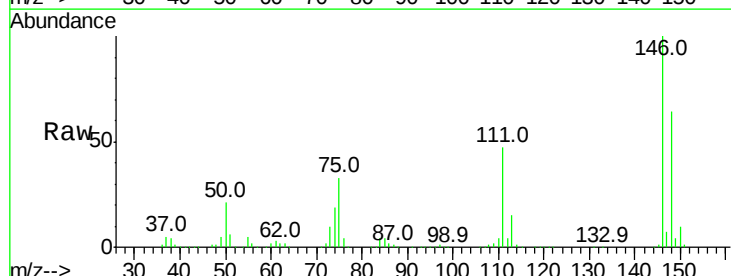
RT: 6.59 min Scan# 766

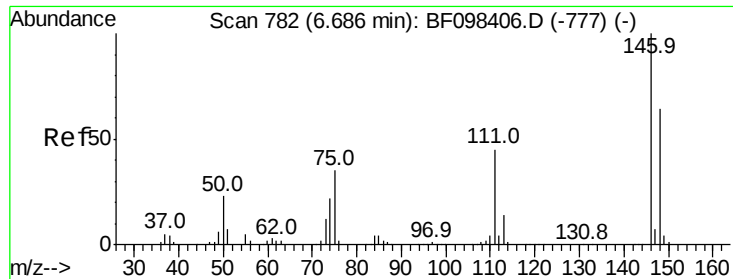
Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion:	146	Resp:	544456
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
75	33.5	23.1	34.7





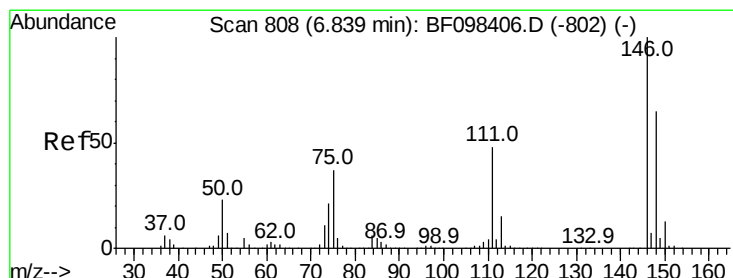
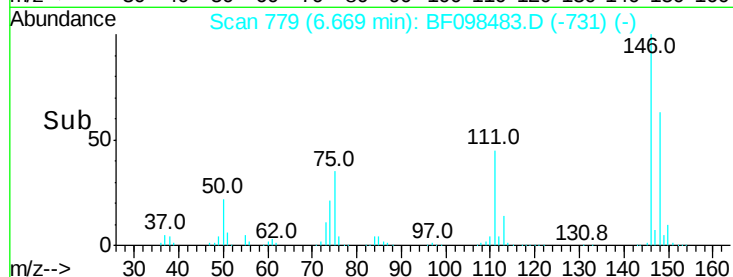
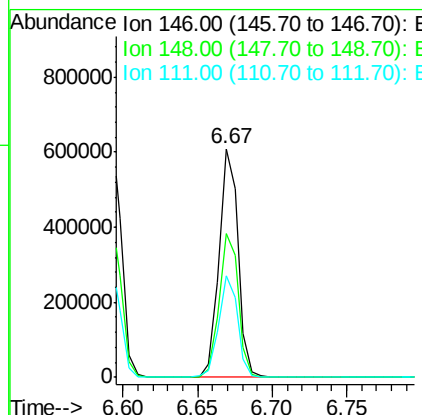
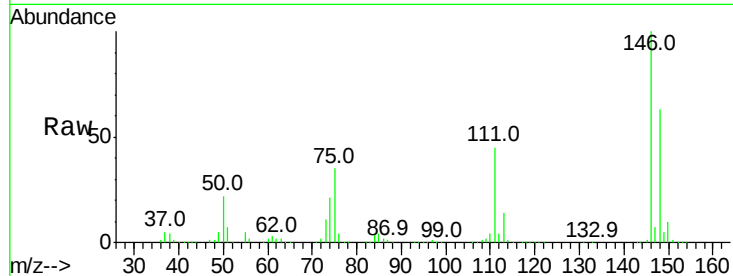
#13
 1,4-Dichlorobenzene
 Concen: 43.137 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampled :
 PB102212BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.2
111	44.6	30.3	45.5

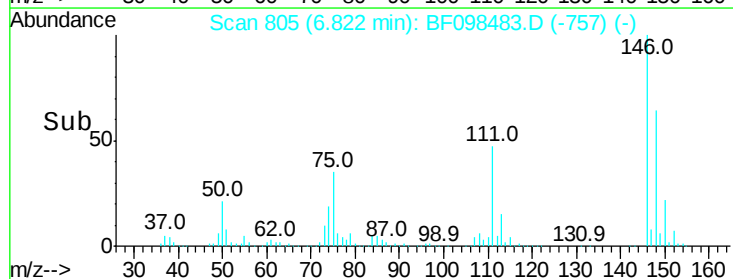
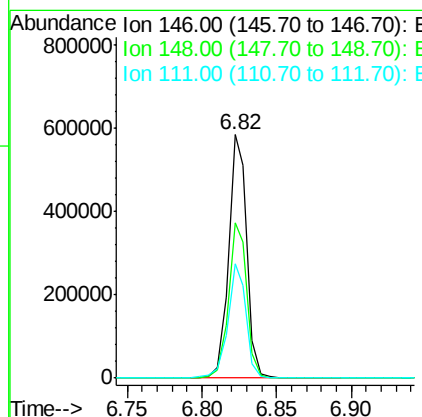
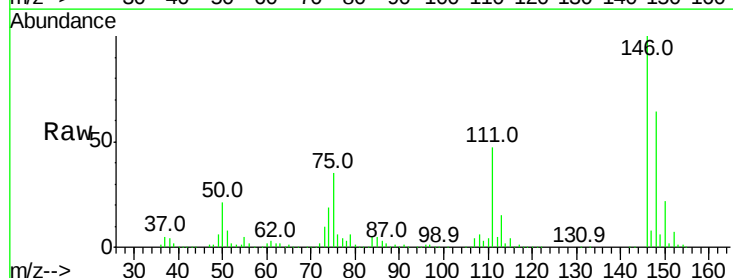
Manual Integrations
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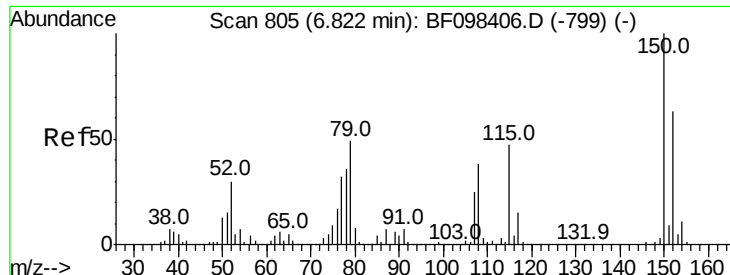
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 43.874 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	46.7	38.2	57.4





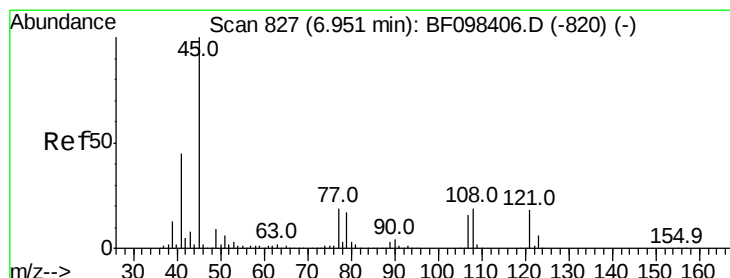
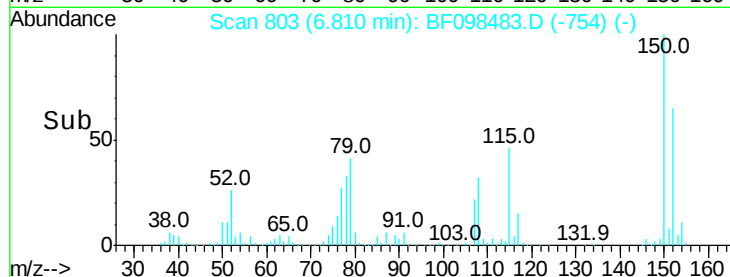
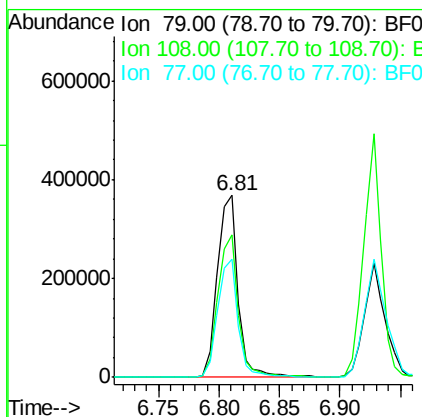
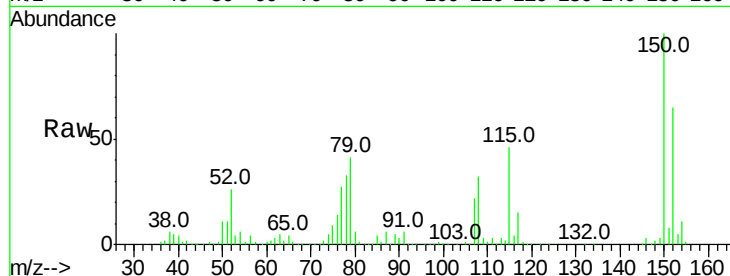
#15
Benzyl Alcohol
Concen: 45.965 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	63.4	95.0
77	64.8	49.2	73.8

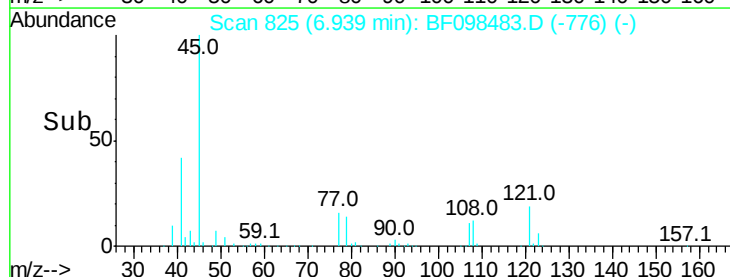
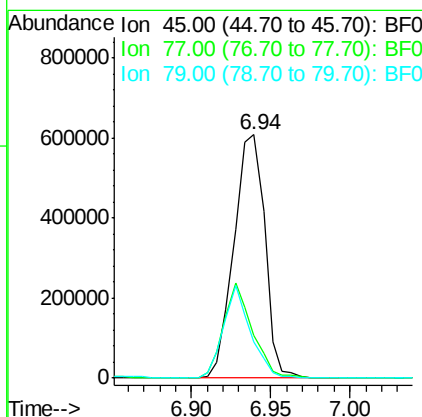
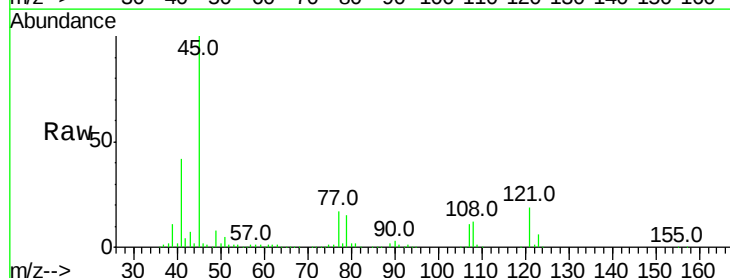
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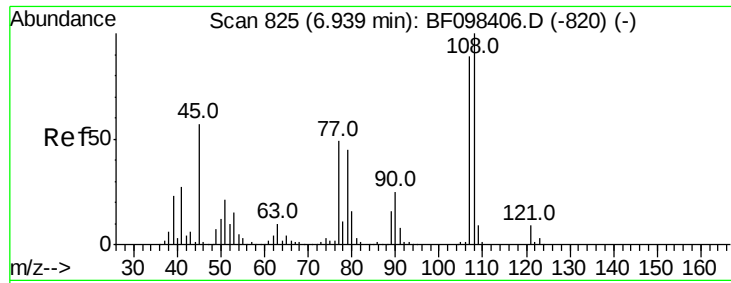
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.369 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	33.2
79	14.6	0.0	30.0





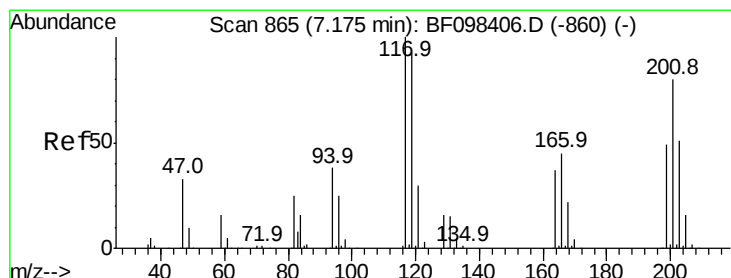
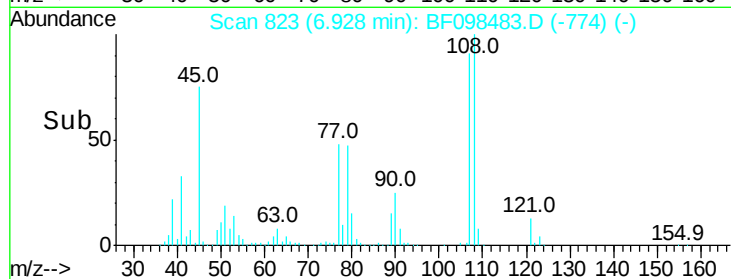
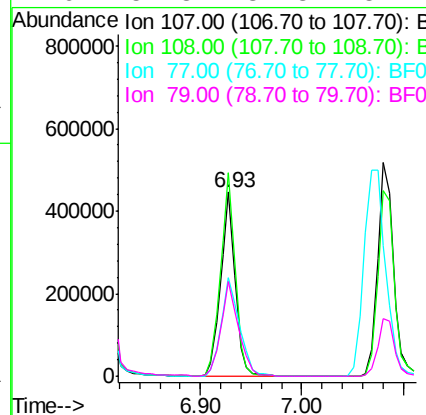
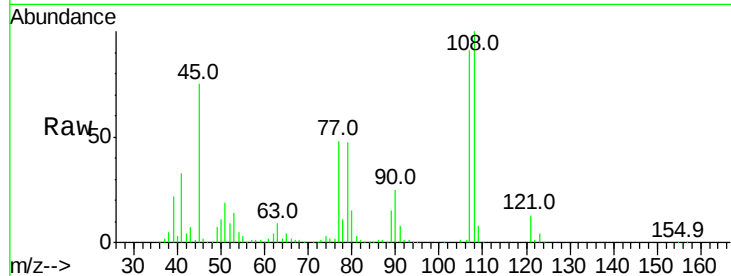
#17
2-Methylphenol
Concen: 44.557 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion:	107	Resp:	445276
Ion	Ratio	Lower	Upper
107	100		
108	110.4	93.4	140.0
77	53.5	35.8	53.6
79	51.8	34.8	52.2

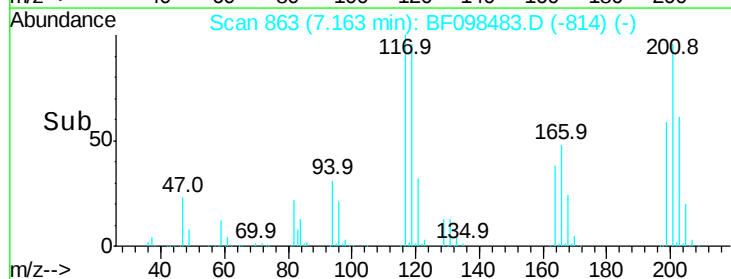
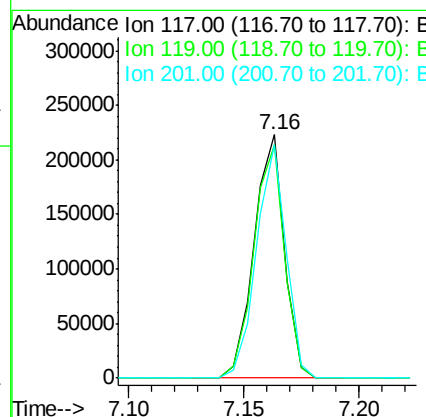
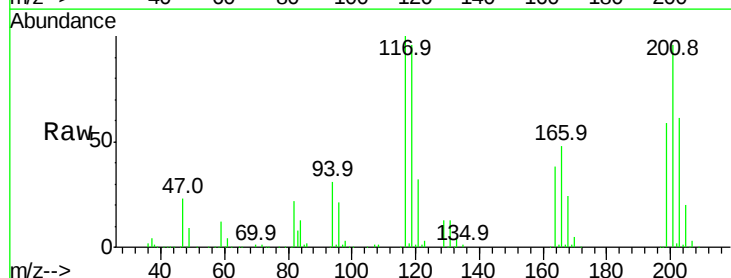
Manual Integrations
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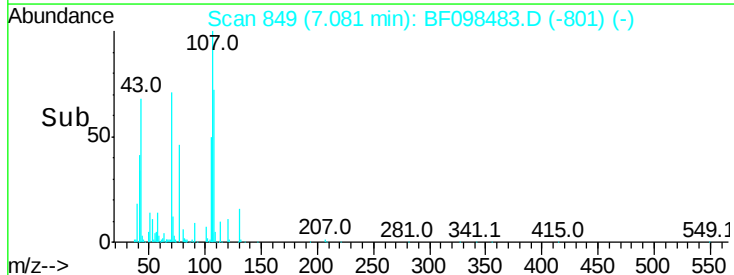
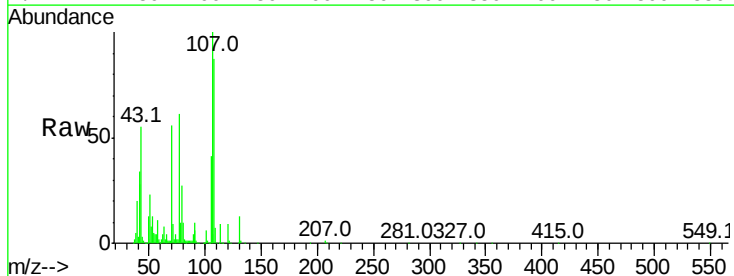
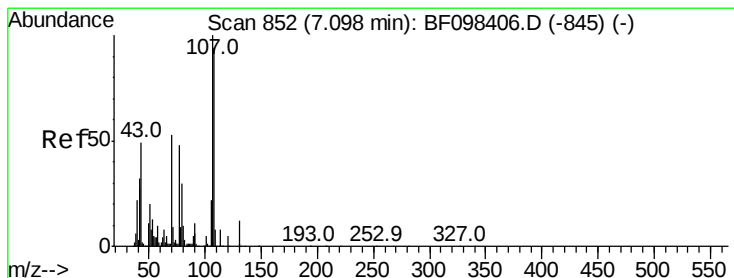
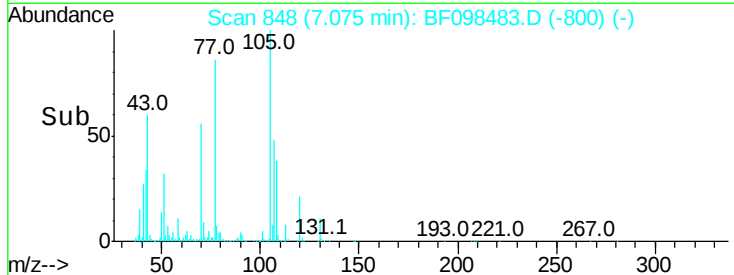
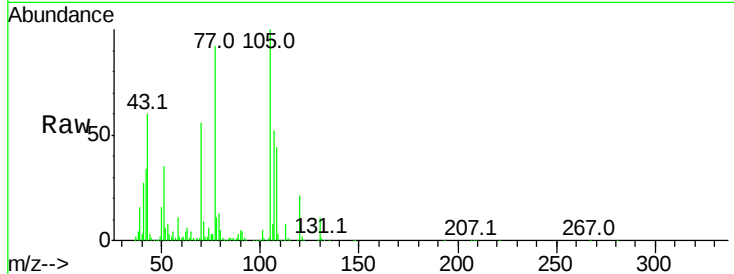
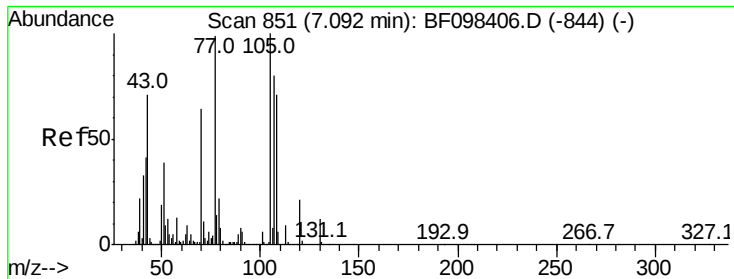
Sohil
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#18
Hexachloroethane
Concen: 42.253 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:	117	Resp:	204455
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
201	95.8	94.6	141.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.640 ng

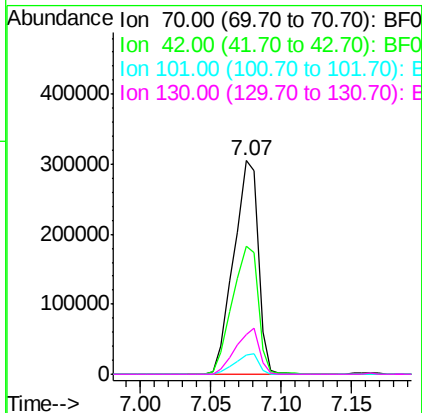
RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		370635		
42	59.9	47.2	70.8		
101	9.3	7.2	10.8		
130	18.8	15.9	23.9		



Instrument :

BNA_F

ClientSampleId :

PB102212BS

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#20

3+4-Methylphenols

Concen: 45.014 ng

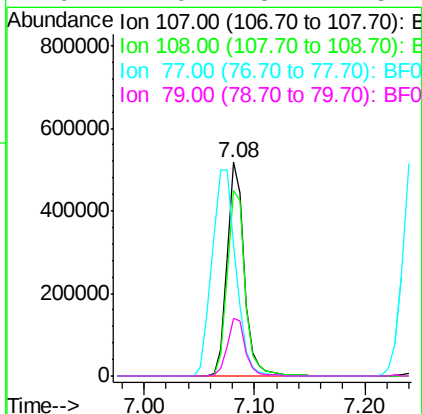
RT: 7.08 min Scan# 849

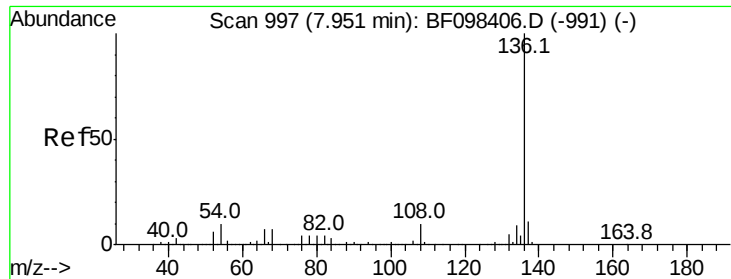
Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		567677		
108	86.7	71.0	111.0		
77	61.4	90.5	130.5#		
79	27.0	8.4	48.4		





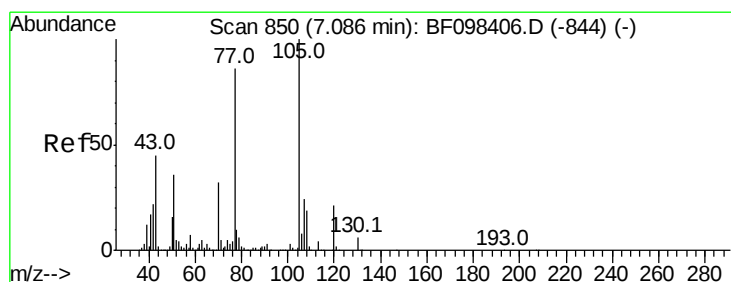
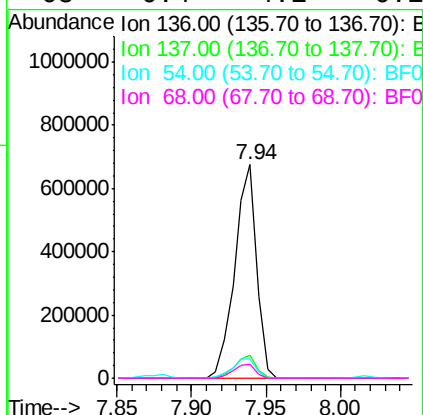
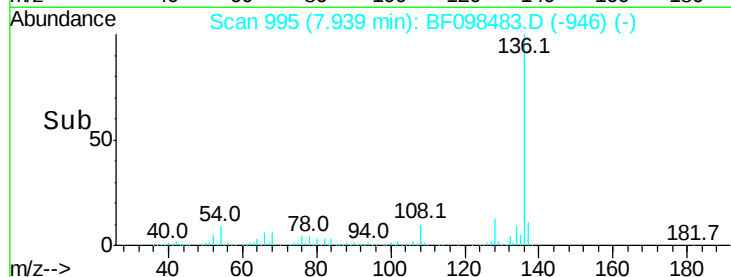
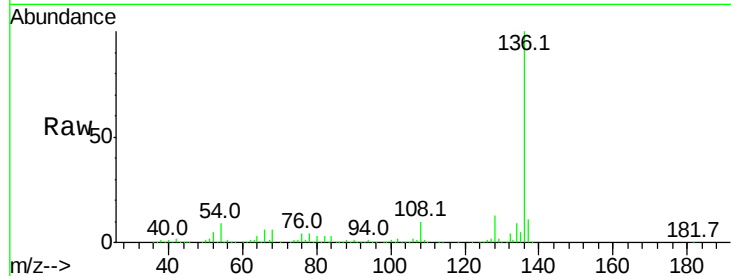
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	692879		
137	10.8	8.5	12.7	
54	9.2	4.9	7.3#	
68	6.4	4.1	6.1#	

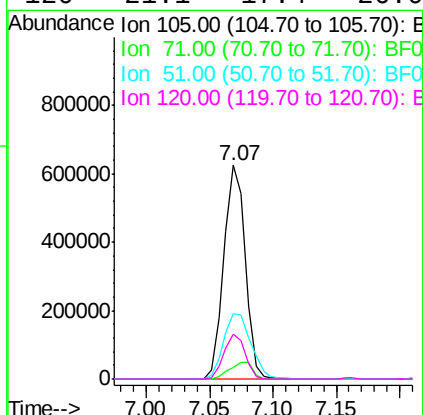
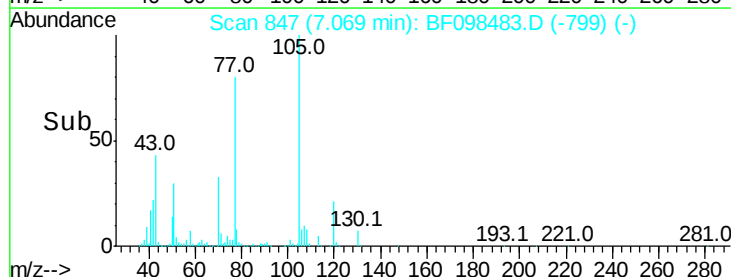
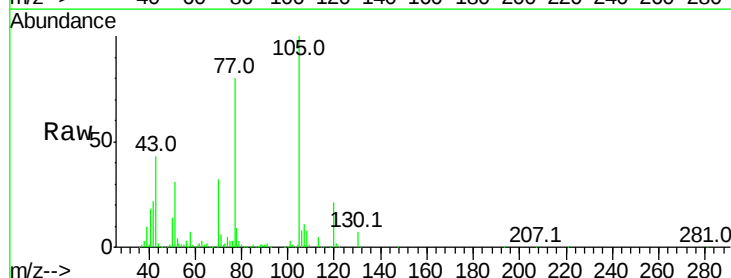
Manual Integrations
APPROVED

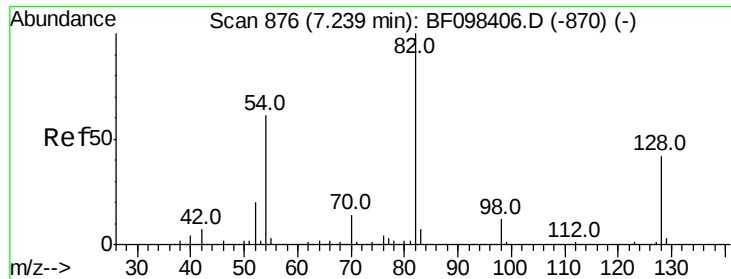
Sohil
9/14/2017 5:52:15 PM



#22
Acetophenone
Concen: 40.960 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	733513		
71	5.5	2.8	4.2#	
51	30.6	30.7	46.1#	
120	21.1	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 89.565 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

PB102212BS

Tot Ion: 82 Resp: 1113157

Ion Ratio Lower Upper

82 100

128 44.5 34.0 51.0

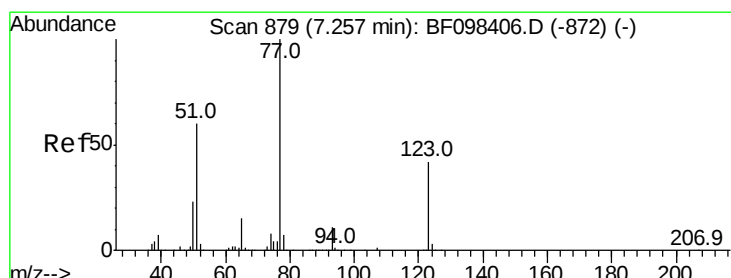
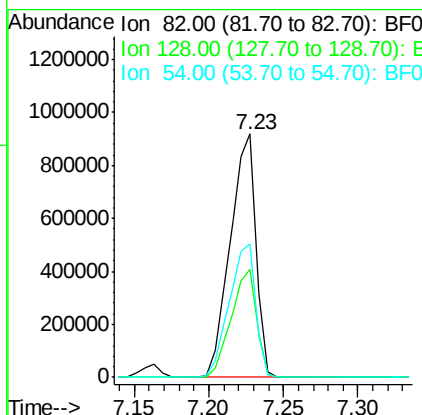
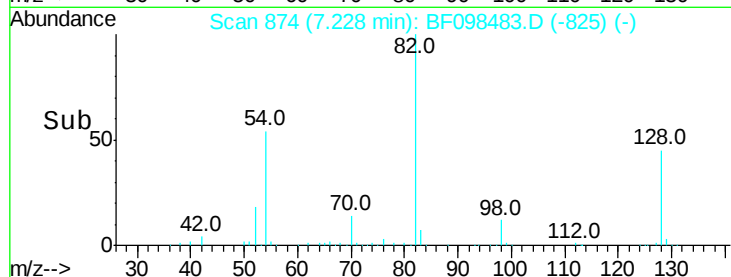
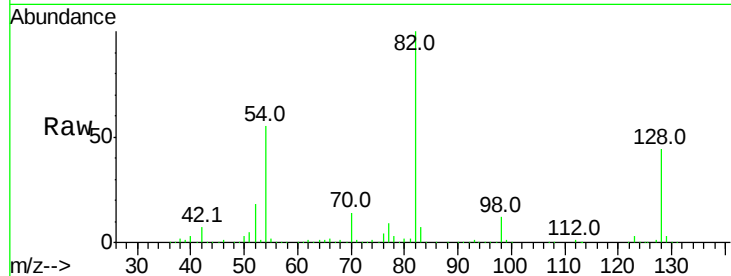
54 54.7 42.2 63.2

Manual Integrations

APPROVED

Sohil

9/14/2017 5:52:15 PM



#24

Nitrobenzene

Concen: 40.892 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

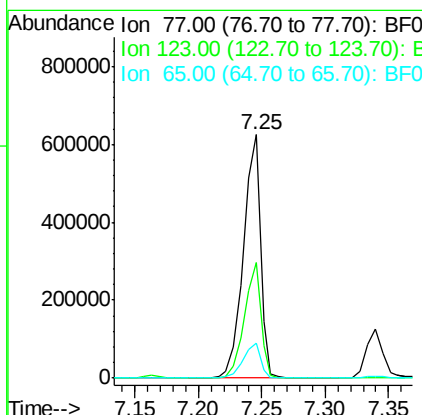
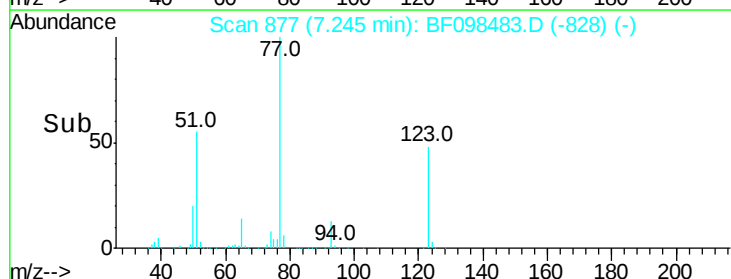
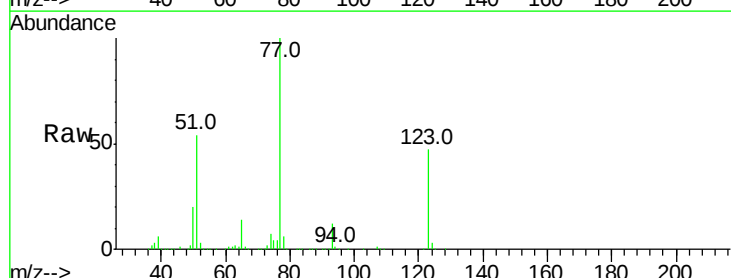
Tgt Ion: 77 Resp: 578892

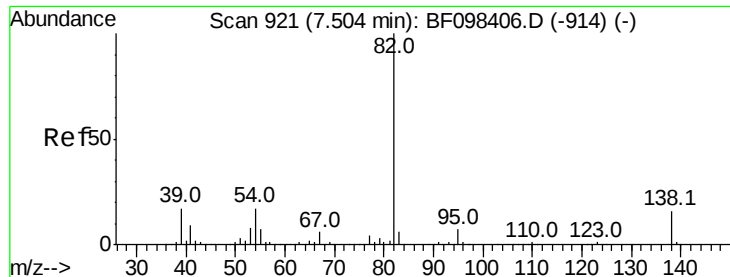
Ion Ratio Lower Upper

77 100

123 47.4 35.8 53.8

65 14.2 10.6 15.8





#25

Isophorone

Concen: 41.050 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

PB102212BS

Tot Ion: 82 Resp: 1032246

Ion Ratio Lower Upper

82 100

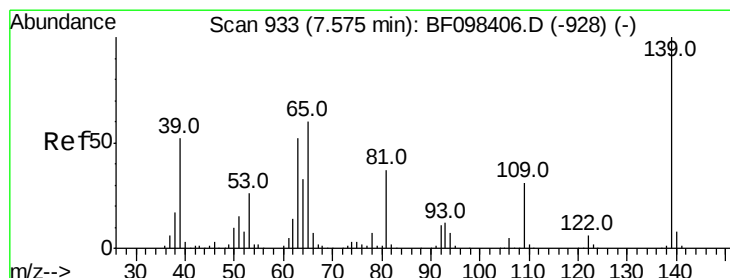
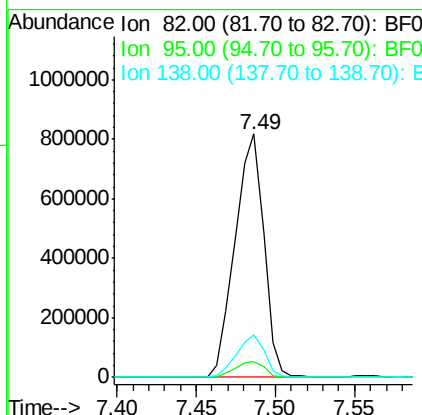
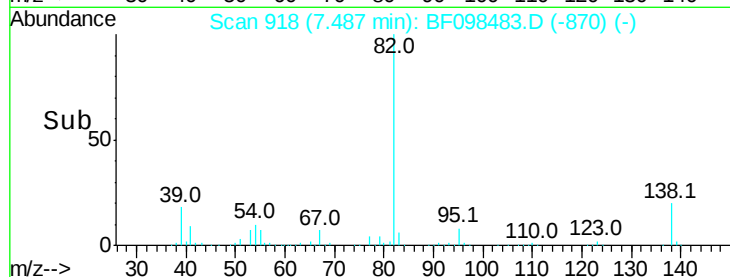
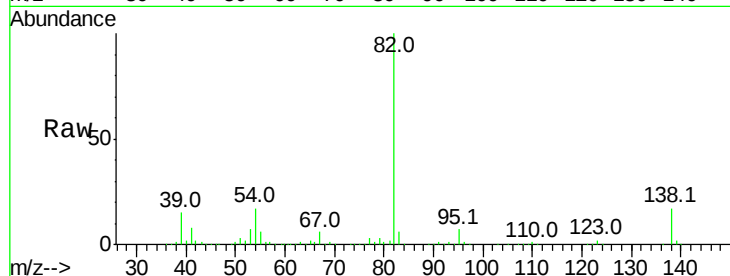
95 6.7 5.3 7.9

138 17.3 13.1 19.7

Manual Integrations
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Sohil

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#26

2-Nitrophenol

Concen: 50.098 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

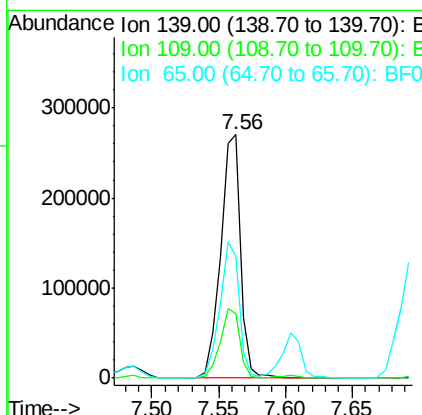
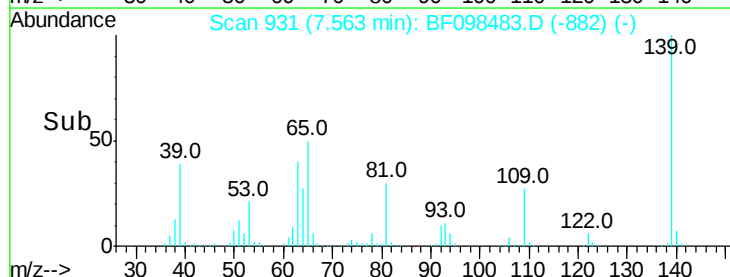
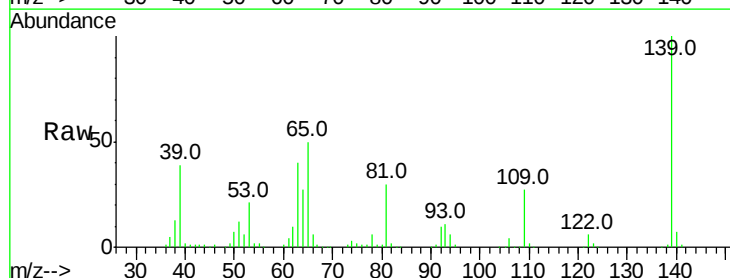
Tgt Ion: 139 Resp: 286356

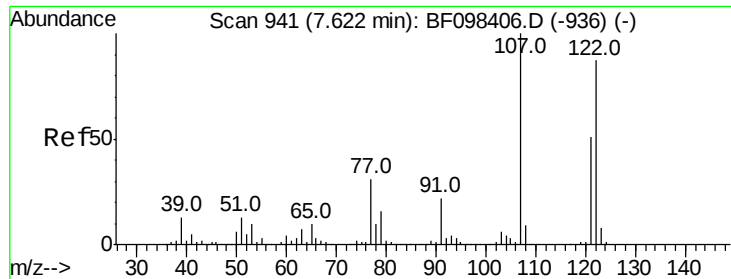
Ion Ratio Lower Upper

139 100

109 26.7 21.0 31.6

65 50.3 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 44.293 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

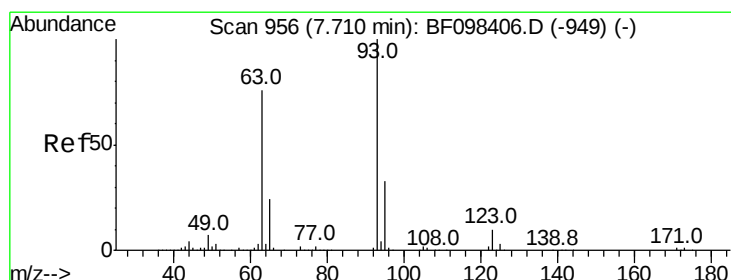
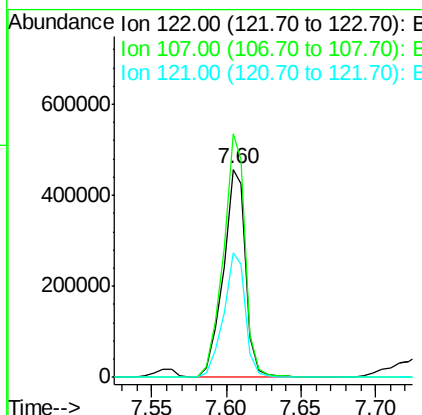
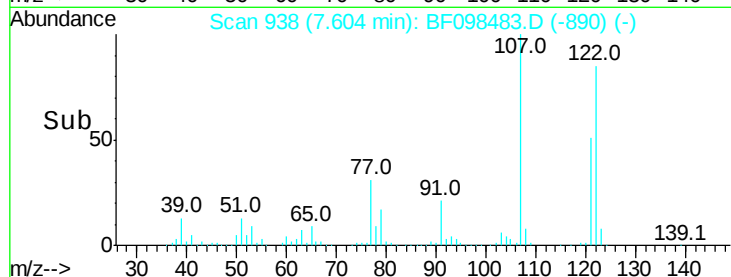
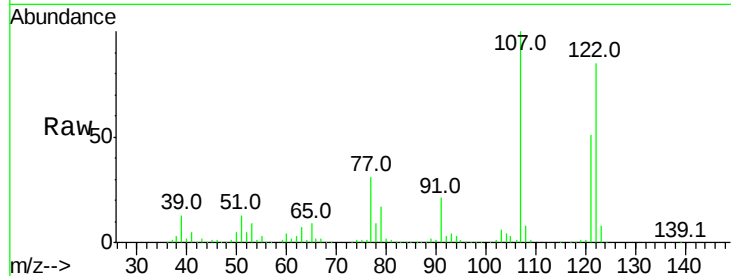
ClientSampleId :

PB102212BS

Tot Ion:	122	Resp:	482623
Ion Ratio	Lower	Upper	
122	100		
107	117.0	89.2	133.8
121	60.0	45.2	67.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 42.990 ng

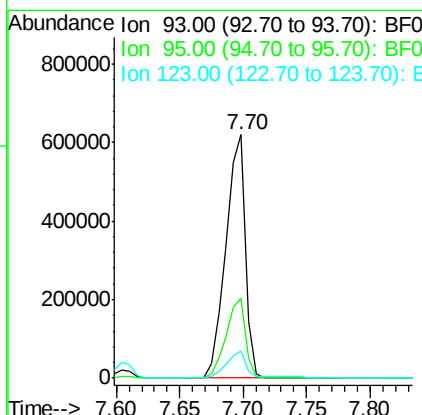
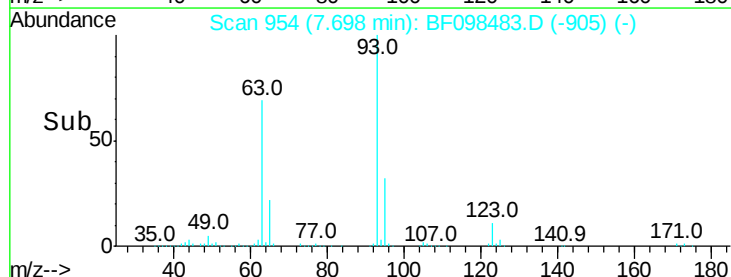
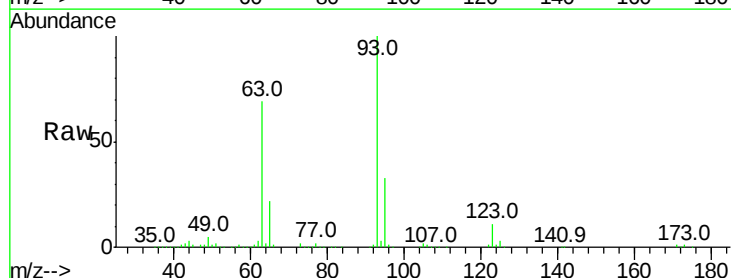
RT: 7.70 min Scan# 954

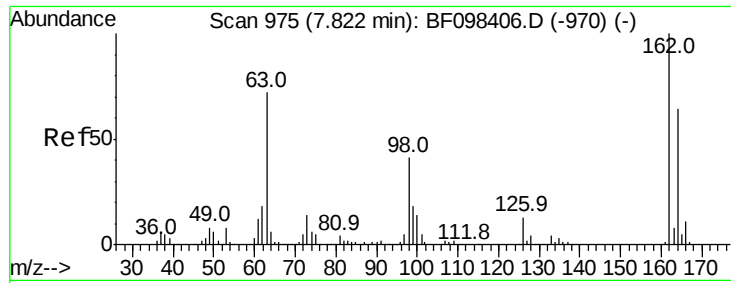
Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion:	93	Resp:	659629
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	11.3	9.0	13.4





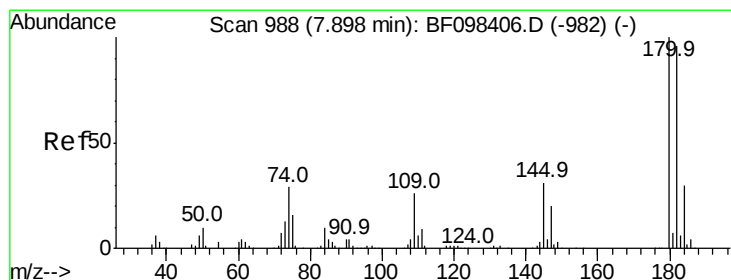
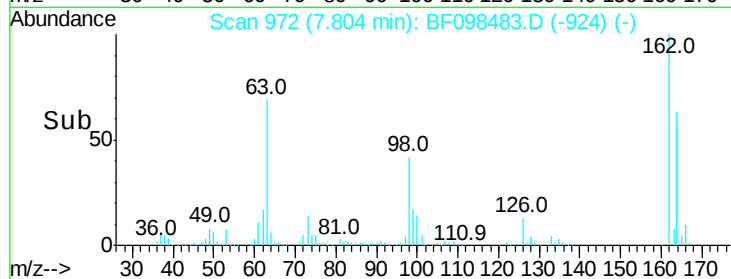
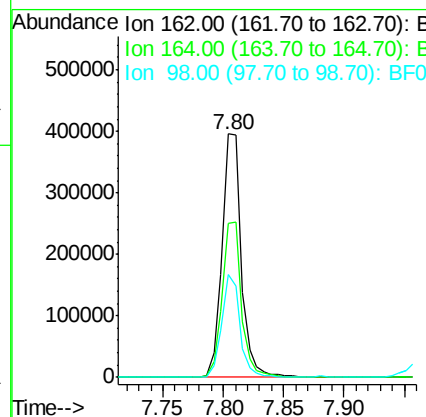
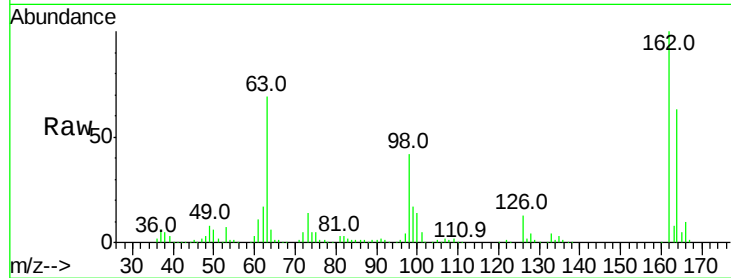
#29
 2,4-Dichlorophenol
 Concen: 47.894 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampled :
 PB102212BS

Tot Ion:	162	Resp:	434030
Ion Ratio	Lower	Upper	
162	100		
164	63.1	44.6	84.6
98	42.0	14.8	54.8

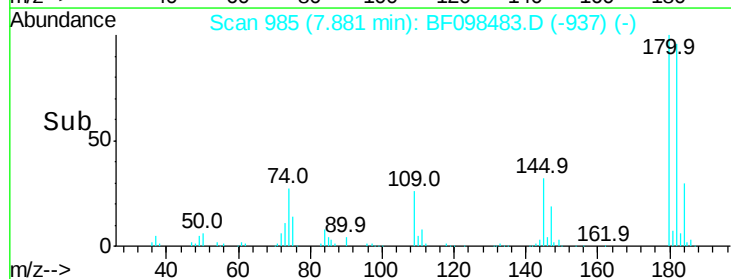
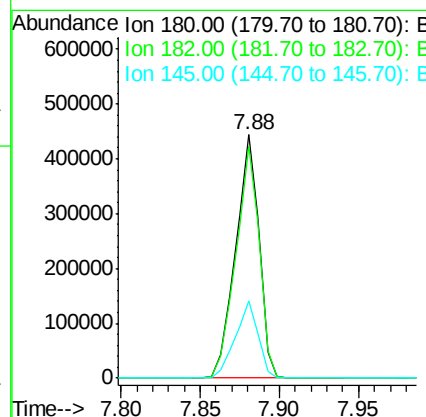
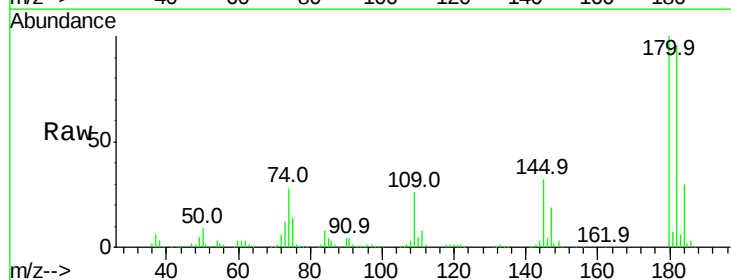
Manual Integrations
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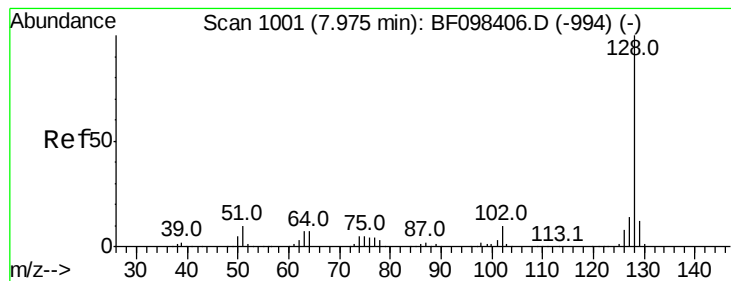
Sohil
 9/14/2017 5:52:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.994 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion:	180	Resp:	453408
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.8	113.6
145	31.8	25.3	37.9





#31

Naphthalene

Concen: 44.313 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

PB102212BS

Tot Ion:128 Resp: 1517829

Ion Ratio Lower Upper

128 100

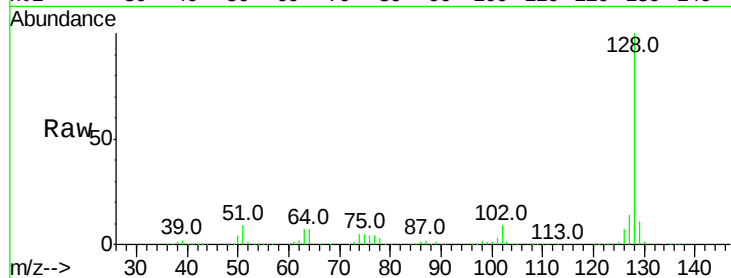
129 11.2 9.0 13.6

127 13.8 10.8 16.2

Manual Integrations
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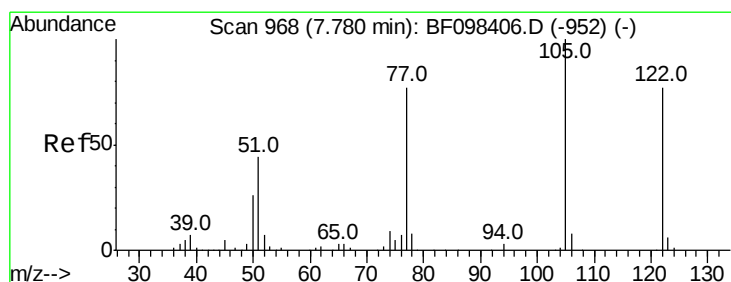
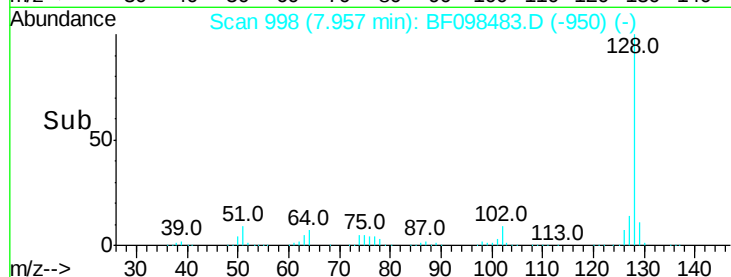
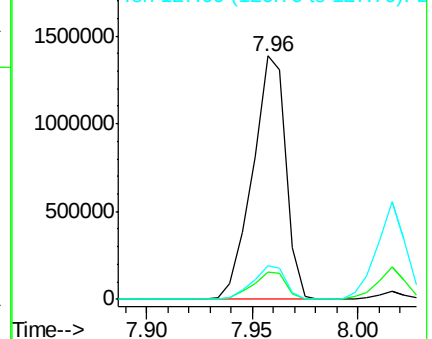
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.763 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

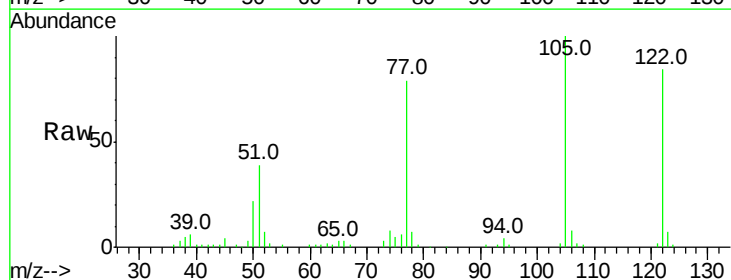
Tgt Ion:122 Resp: 147187

Ion Ratio Lower Upper

122 100

105 118.8 103.3 143.3

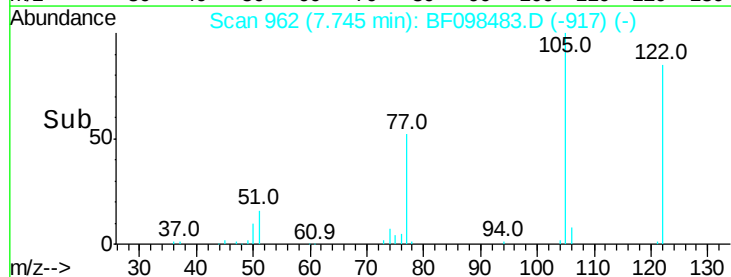
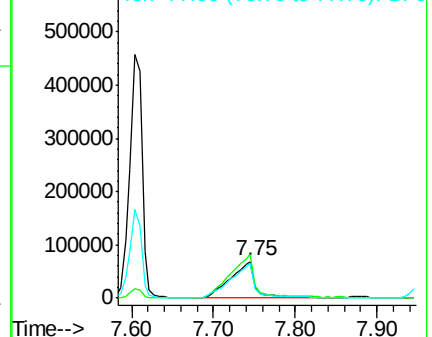
77 93.4 73.7 113.7

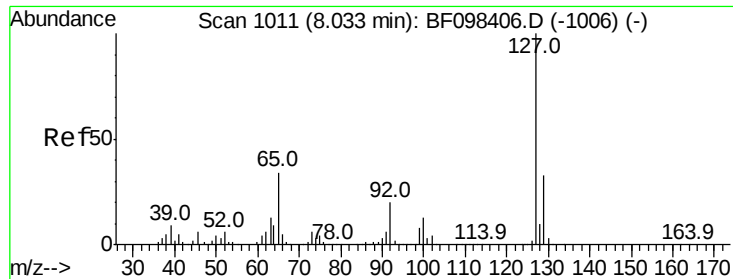


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





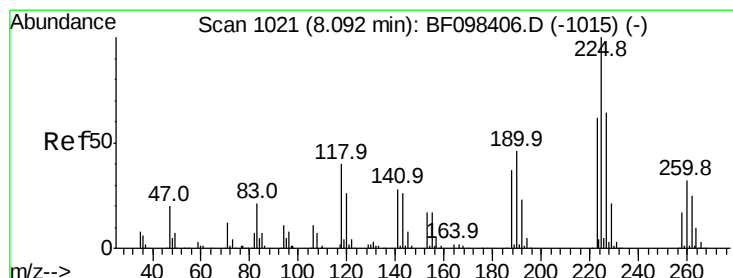
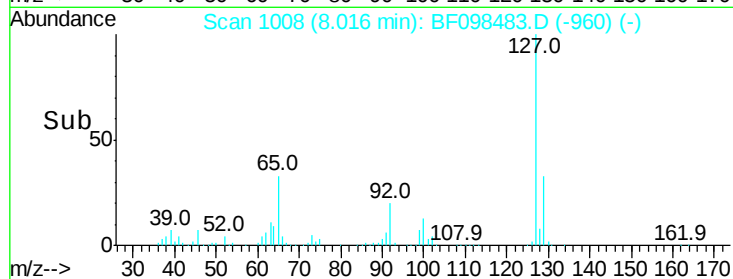
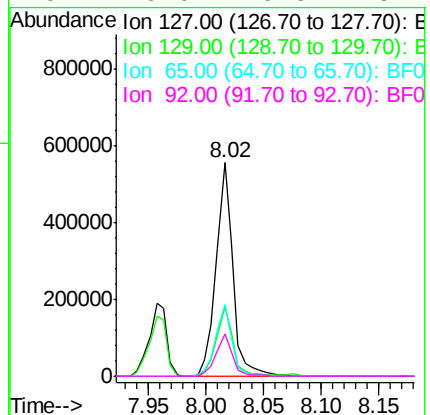
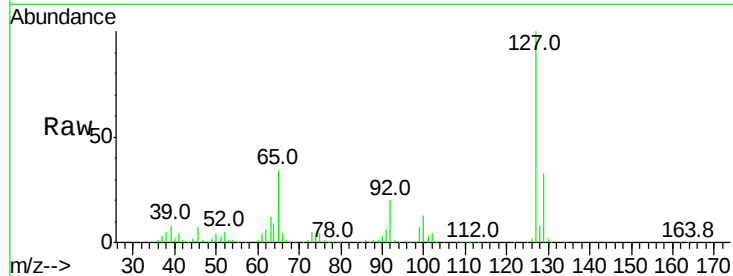
#33
4-Chloroaniline
Concen: 40.417 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.2	39.2	
65	33.7	27.8	41.8	
92	20.0	16.8	25.2	

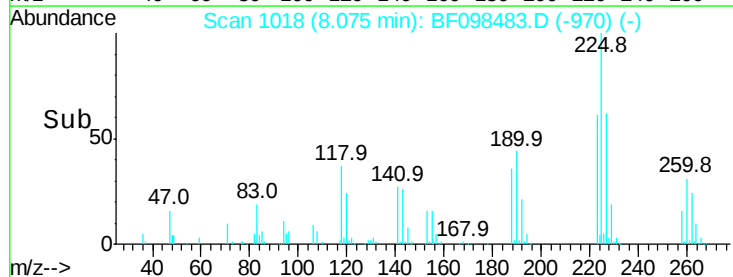
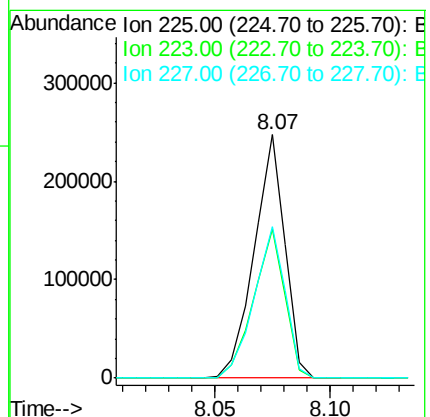
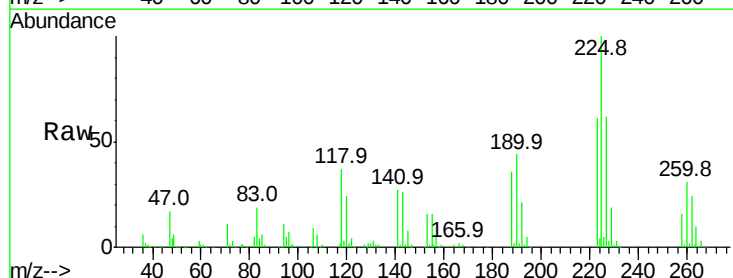
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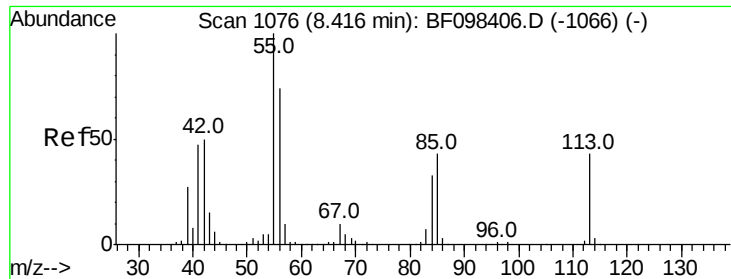
Sohil
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#34
Hexachlorobutadiene
Concen: 45.400 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	48.8	73.2	
227	62.1	51.1	76.7	





#35

Caprolactam

Concen: 50.207 ng/mL

RT: 8.40 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

PB102212BS

Tot Ion:113 Resp: 156896

Ion Ratio Lower Upper

113 100

55 195.7 150.2 190.2#

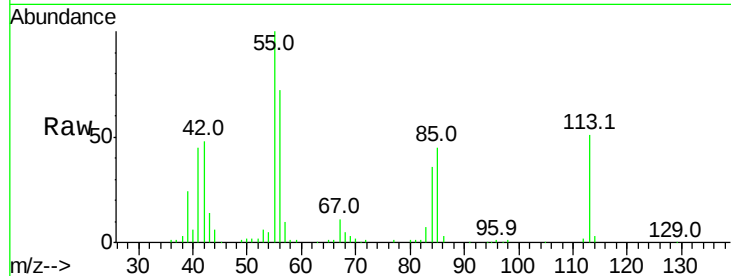
56 141.0 107.8 147.8

Manual Integrations

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Sohil

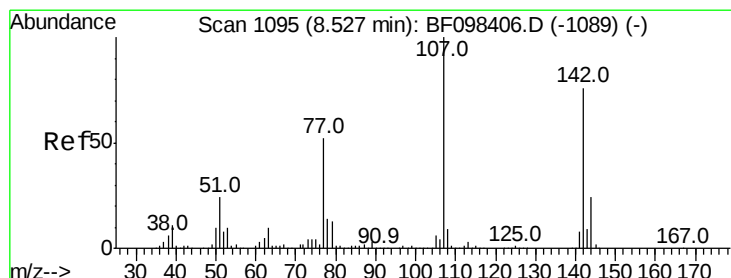
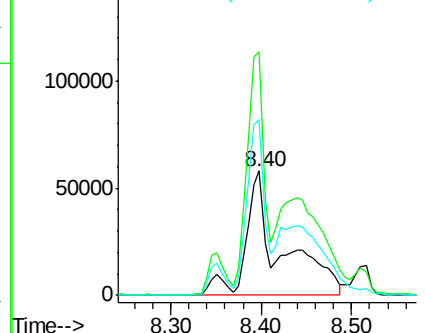
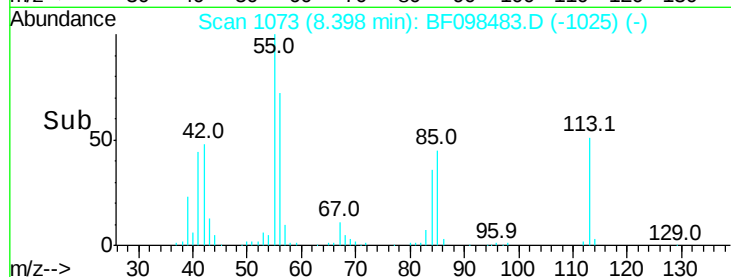
9/14/2017 5:52:15 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.753 ng/mL

RT: 8.51 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

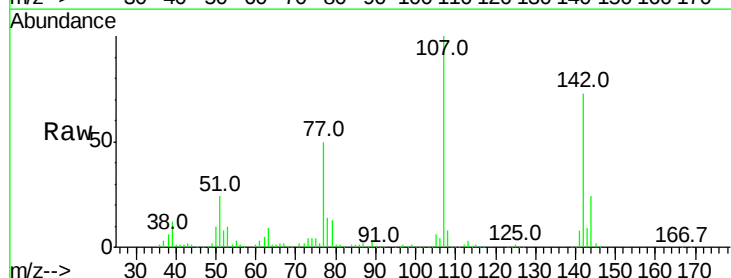
Tgt Ion:107 Resp: 502961

Ion Ratio Lower Upper

107 100

144 23.7 24.2 36.4#

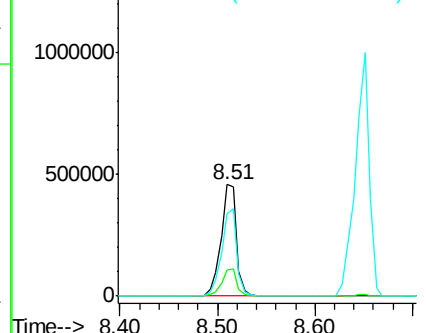
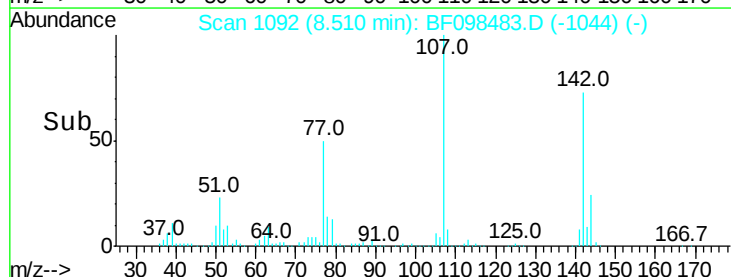
142 73.4 73.4 110.0

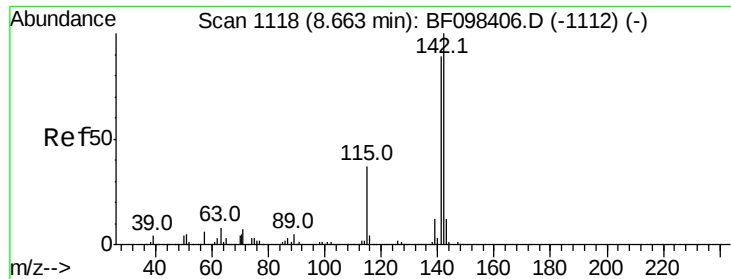


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





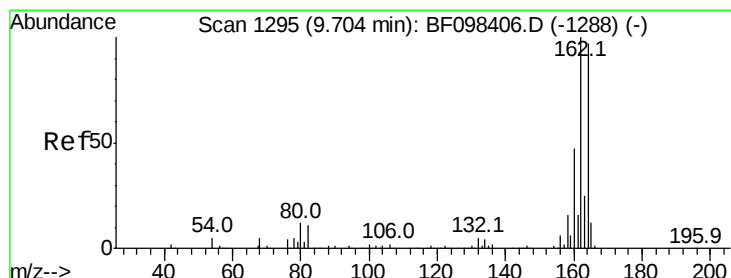
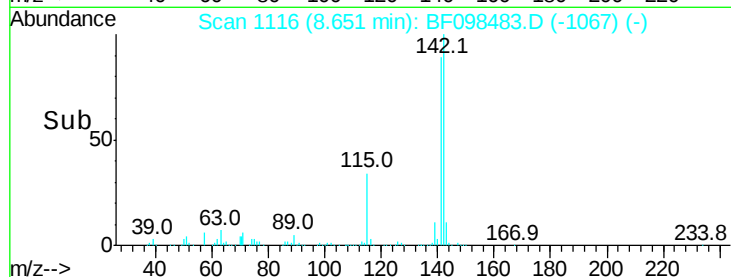
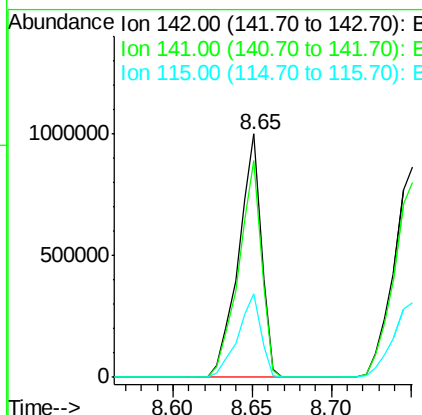
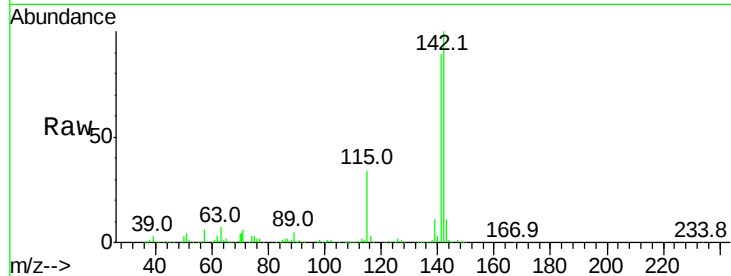
#37
2-Methylnaphthalene
Concen: 48.126 ng
RT: 8.65 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampled :
PB102212BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	998527		
141	89.0	71.3	106.9	
115	34.2	27.1	40.7	

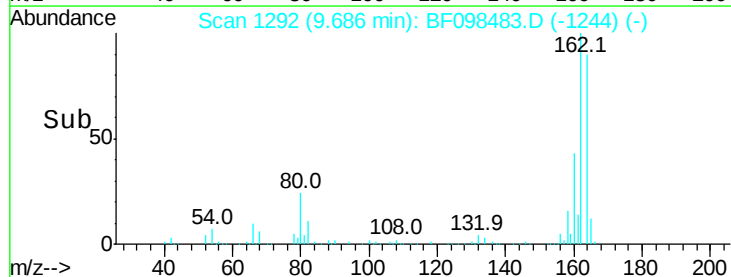
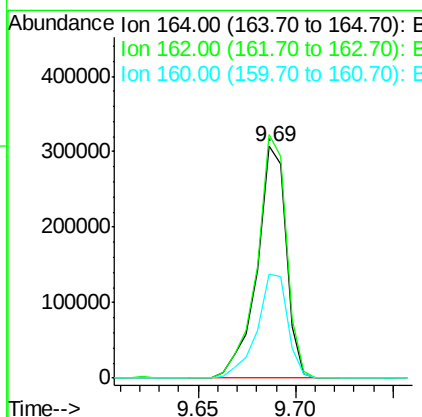
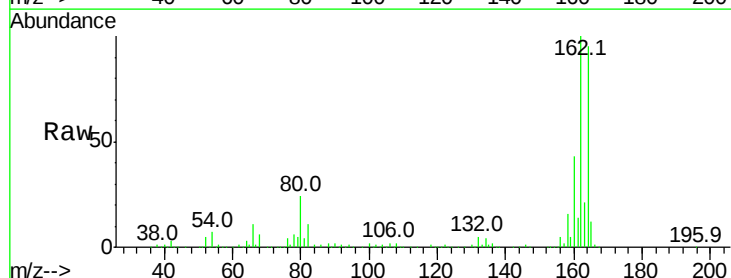
Manual Integrations
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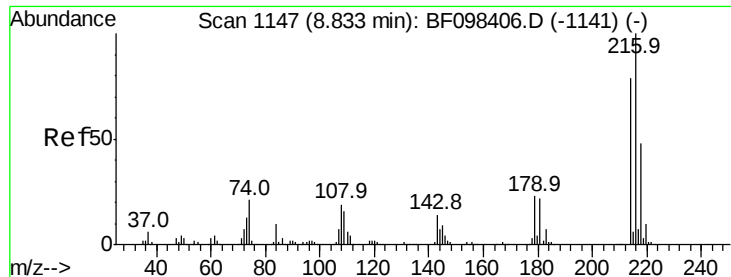
Sohil
9/14/2017 5:52:15 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	320606		
162	104.9	82.6	123.8	
160	45.1	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.526 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

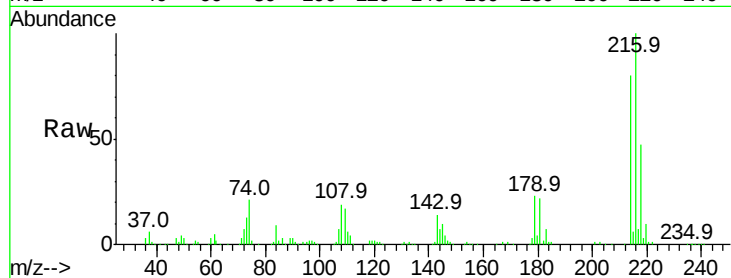
PB102212BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	414715		
214	79.0	63.4	95.2	
179	22.7	17.9	26.9	
108	21.2	16.5	24.7	

Manual Integrations
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Sohil

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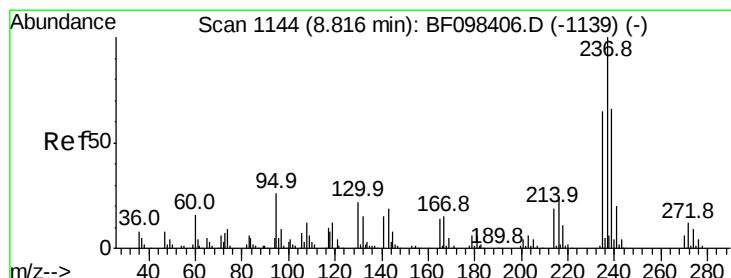
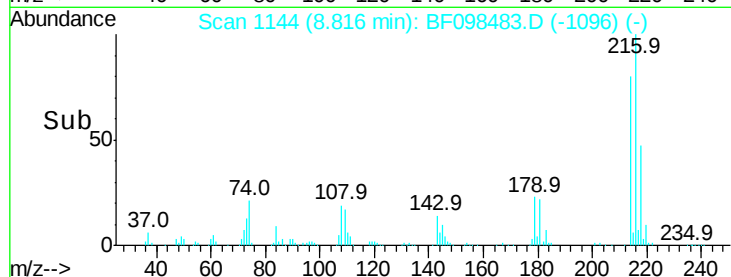
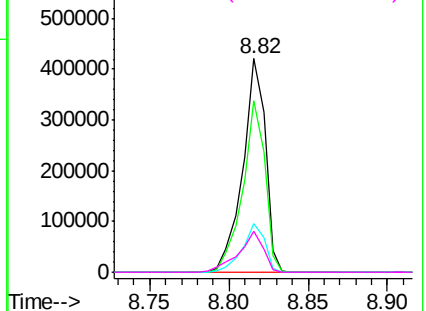


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 95.007 ng

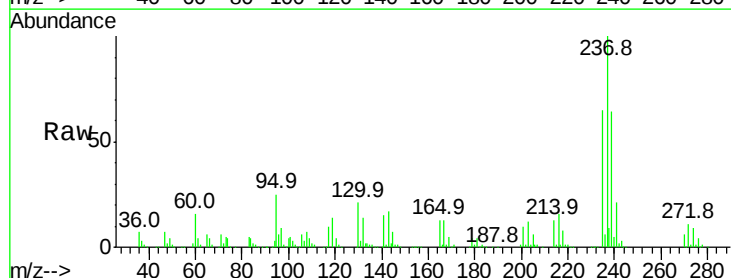
RT: 8.80 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

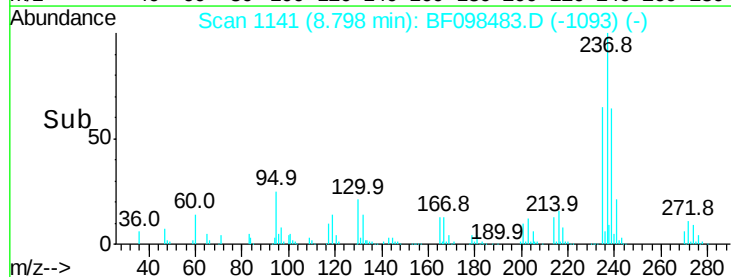
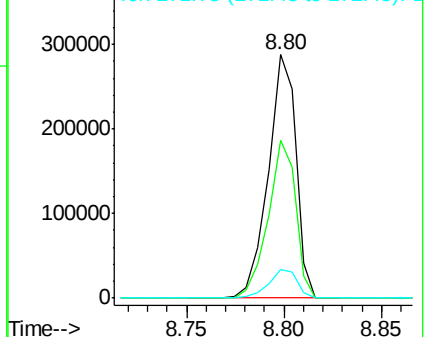
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	284003		
235	64.9	42.6	82.6	
272	11.5	0.0	31.9	

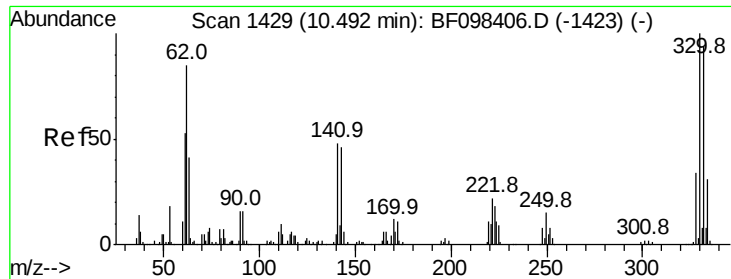


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





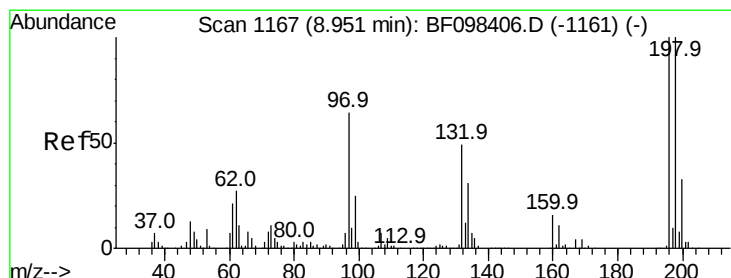
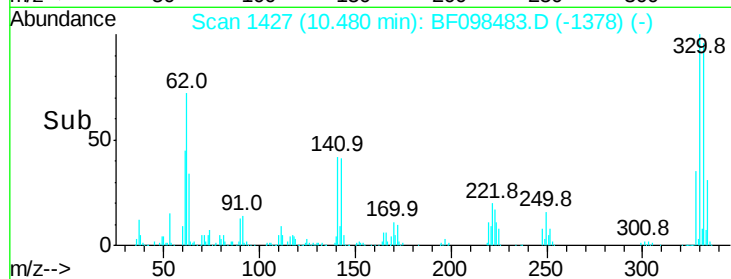
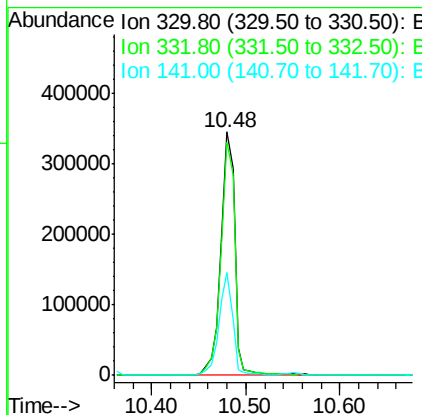
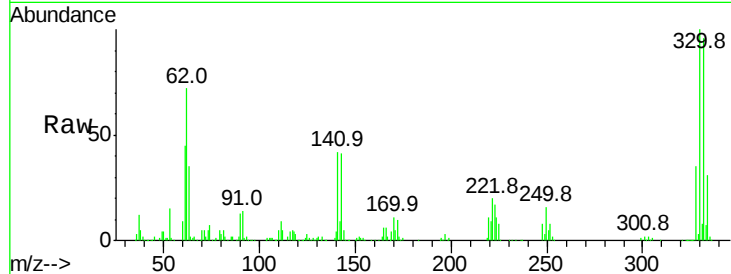
#41
 2,4,6-Tribromophenol
 Concen: 170.131 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	364043		
332	95.7	76.6	115.0	
141	41.1	31.4	47.2	

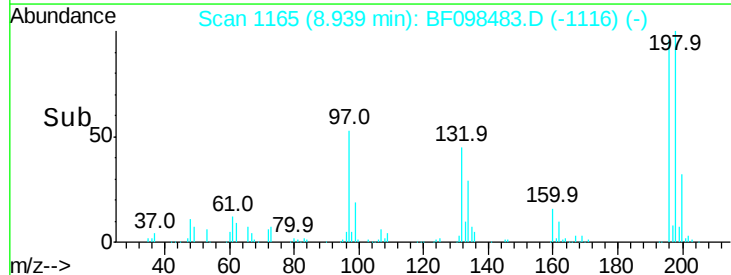
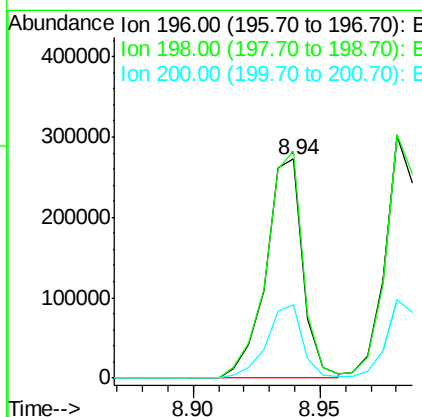
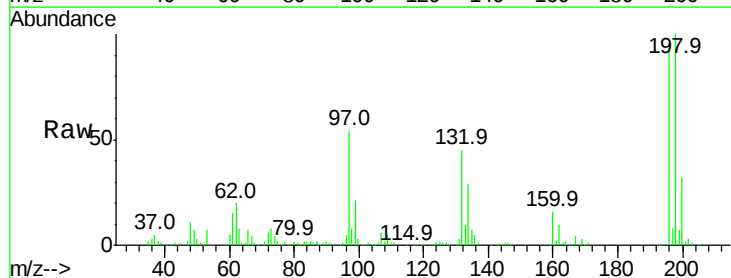
Manual Integrations
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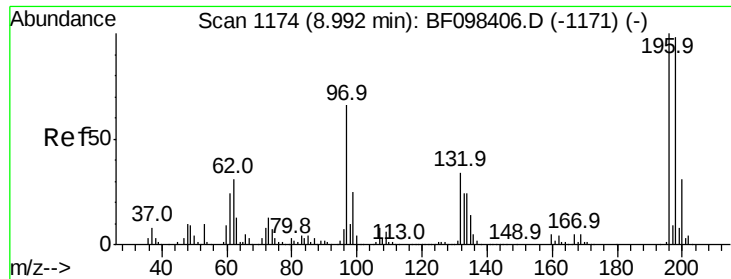
Sohil
 9/14/2017 5:52:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.573 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	279059		
198	103.8	74.2	111.4	
200	33.3	24.0	36.0	





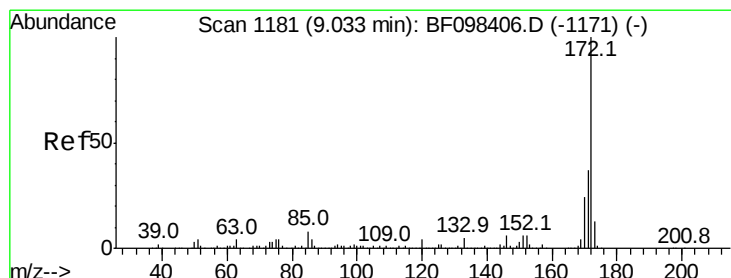
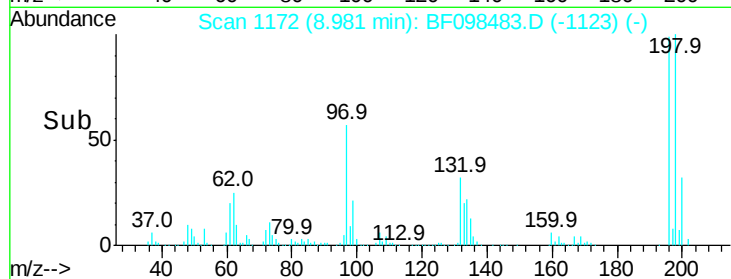
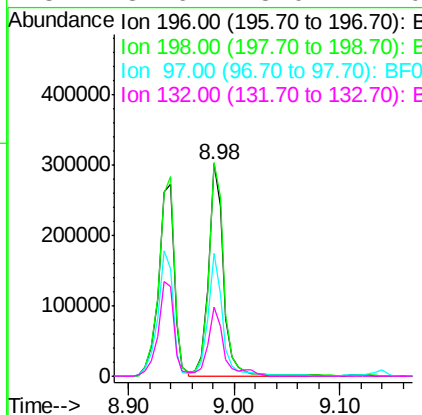
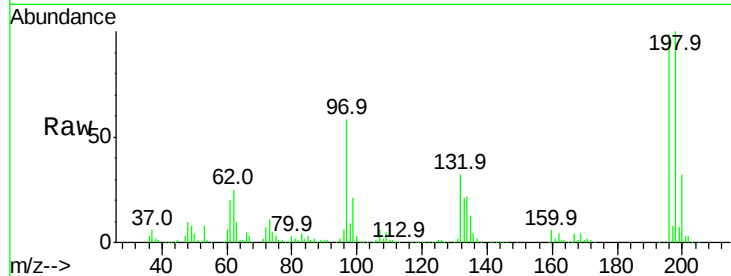
#43
 2,4,5-Trichlorophenol
 Concen: 48.633 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BS

Tot Ion:	196	Resp:	298183
Ion Ratio	Lower	Upper	
196	100		
198	100.6	75.7	113.5
97	58.0	47.7	71.5
132	32.6	28.0	42.0

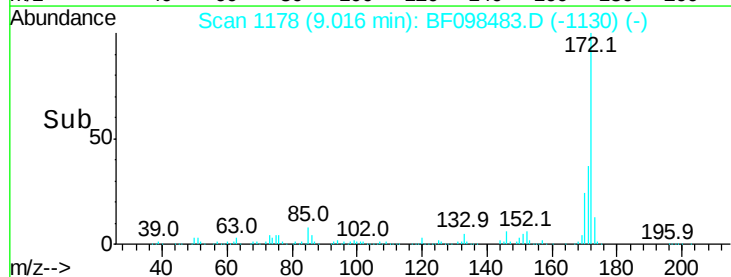
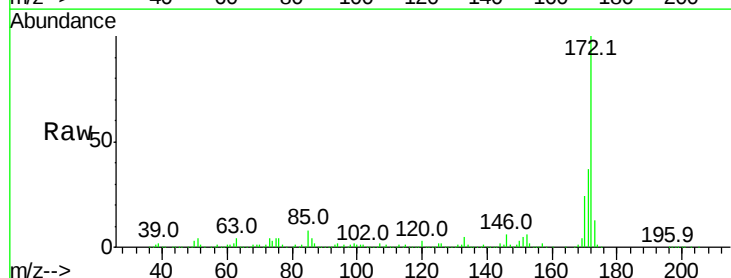
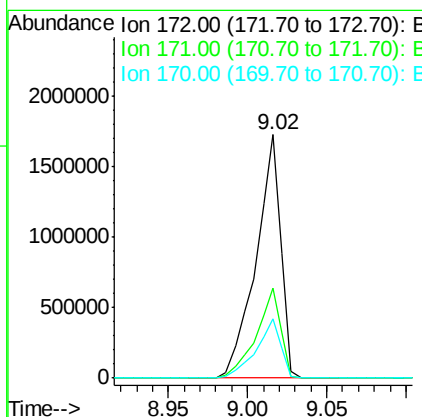
Manual Integrations
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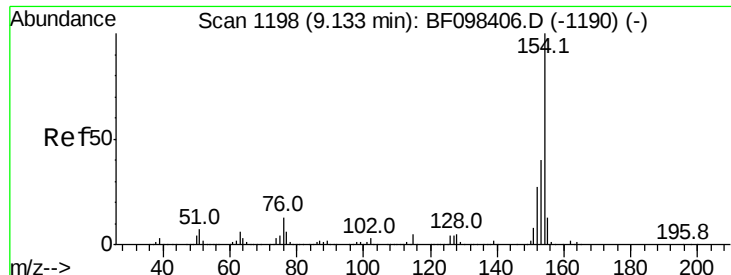
Sohil
 9/14/2017 5:52:15 PM



#44
 2-Fluorobiphenyl
 Concen: 99.806 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion:	172	Resp:	1887909
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.6	44.4
170	24.3	19.8	29.8





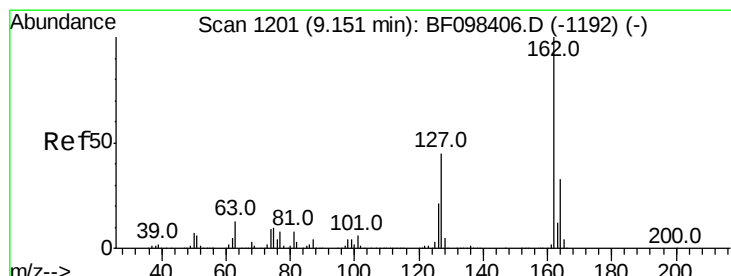
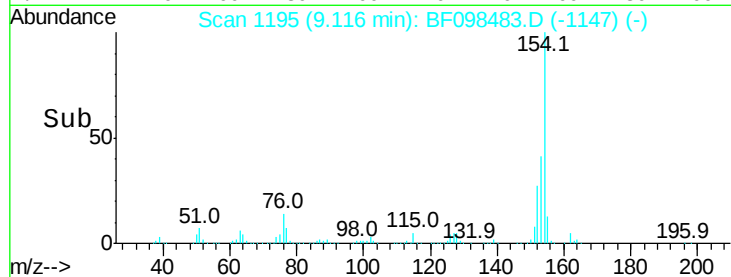
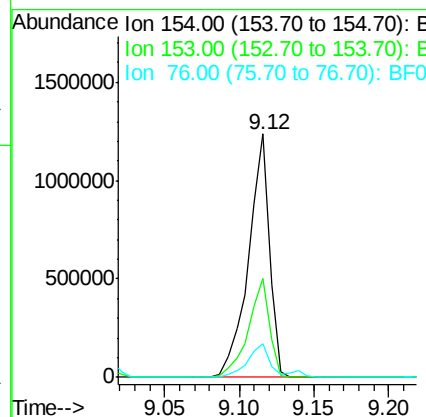
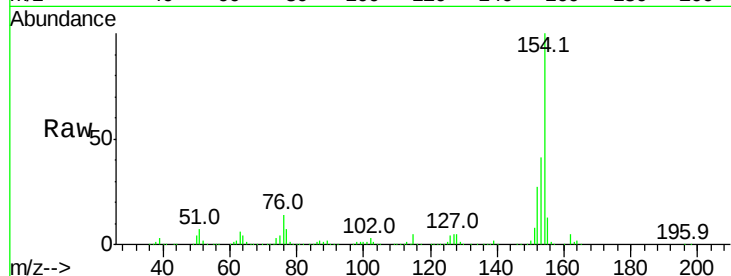
#45
 1,1'-Biphenyl
 Concen: 41.911 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	13.7	0.0	29.9

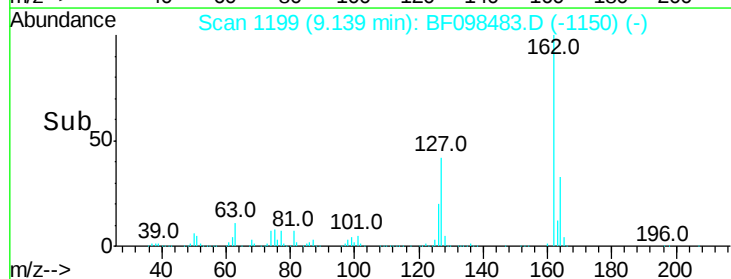
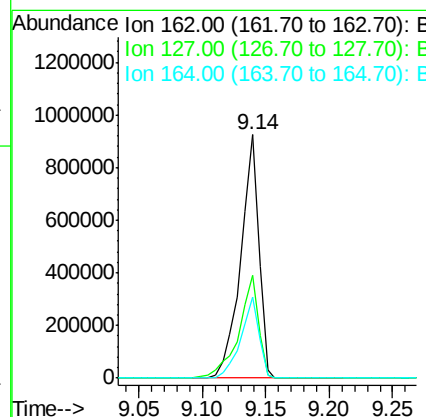
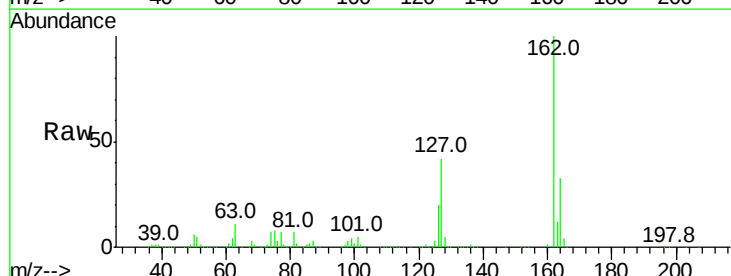
Manual Integrations
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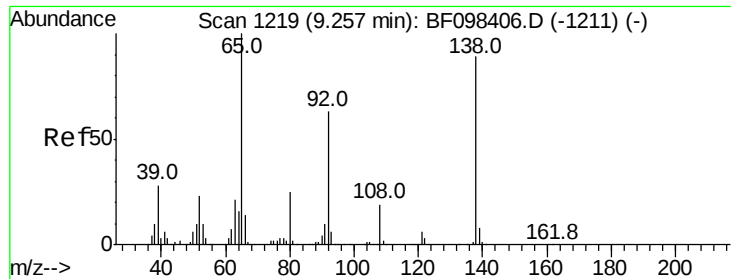
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#46
 2-Chloronaphthalene
 Concen: 44.322 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	28.3	42.5
164	33.1	27.0	40.4





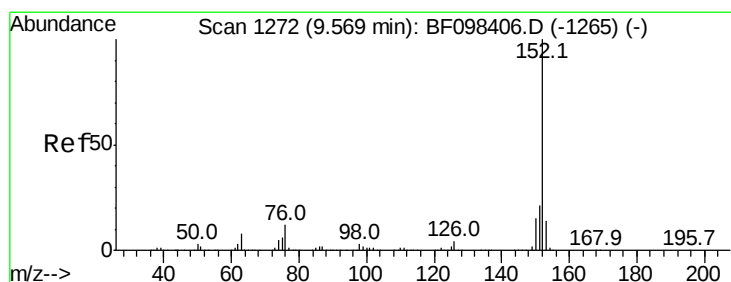
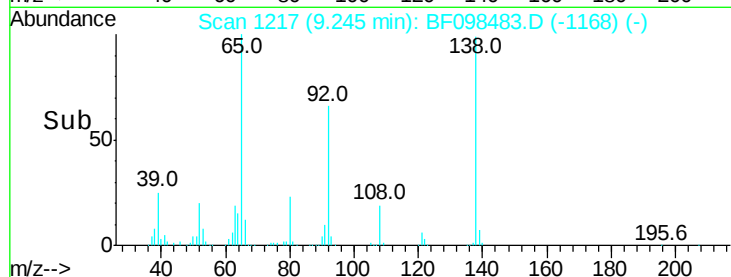
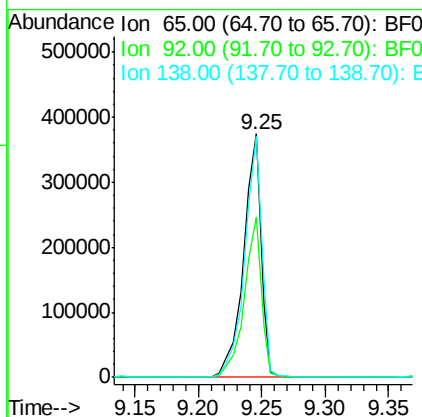
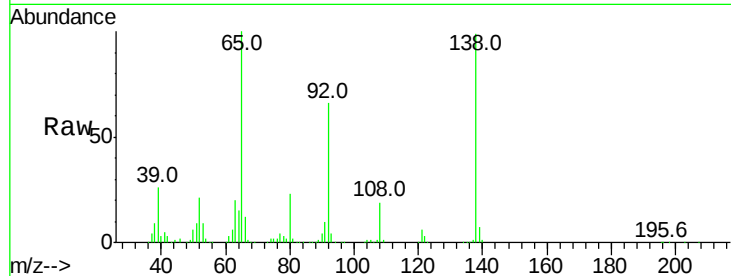
#47
2-Nitroaniline
Concen: 45.429 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.9	80.9
138	99.0	78.8	118.2

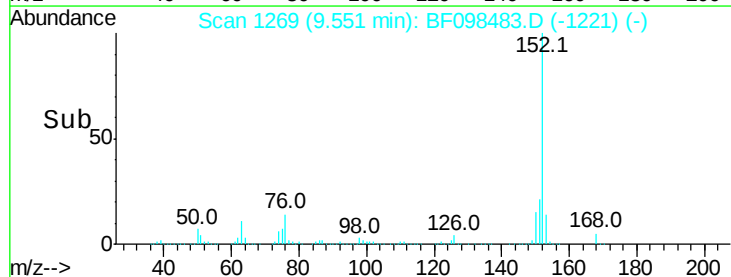
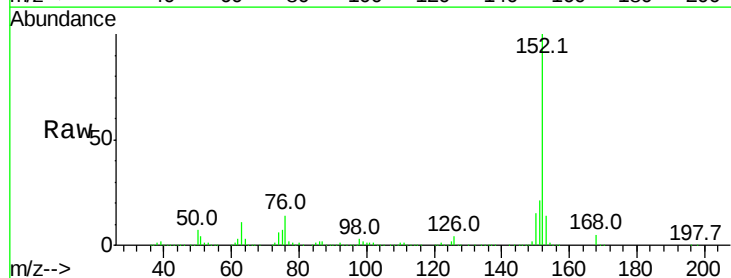
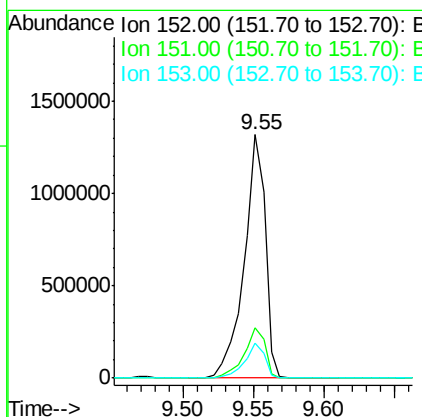
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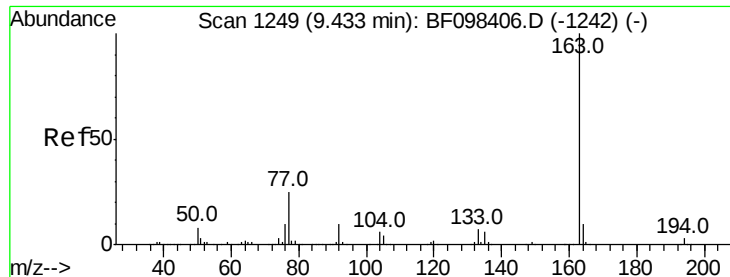
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#48
Acenaphthylene
Concen: 45.012 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.4	10.8	16.2





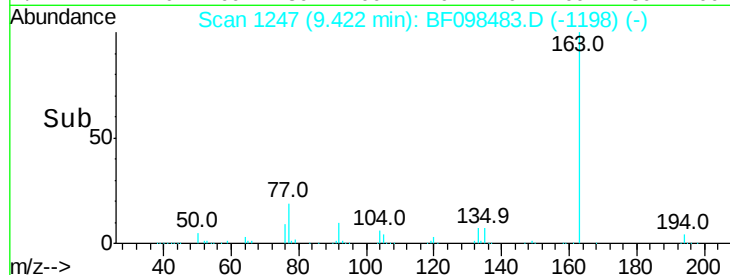
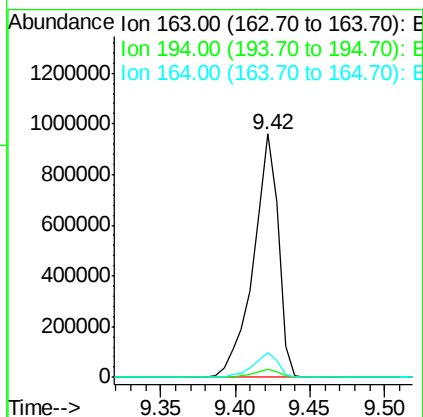
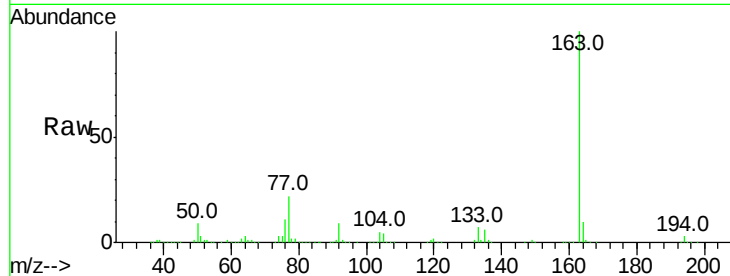
#49
Dimethylphthalate
Concen: 44.372 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.3	8.4	12.6

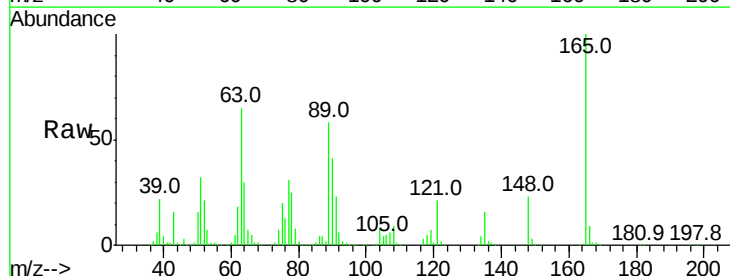
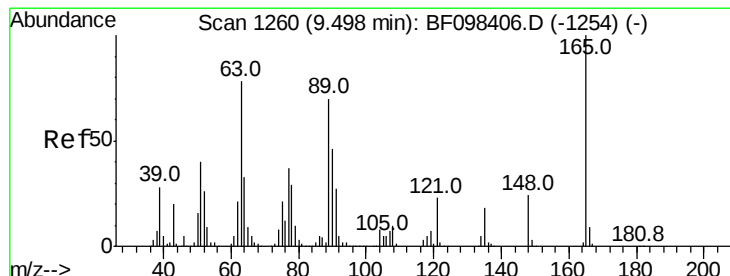
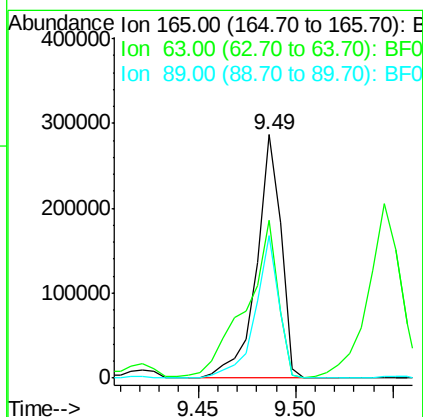
Manual Integrations
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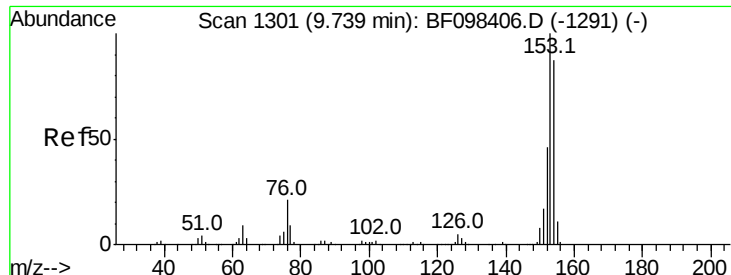
Sohil
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#50
2,6-Dinitrotoluene
Concen: 48.949 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.8	34.3	51.5#
89	58.3	37.1	55.7#





#51

Acenaphthene

Concen: 44.837 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

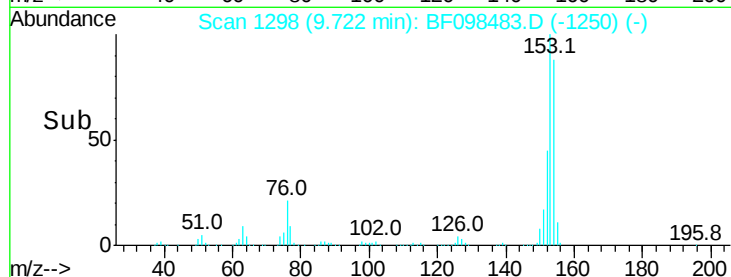
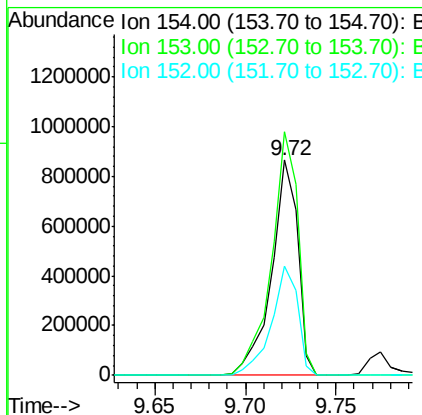
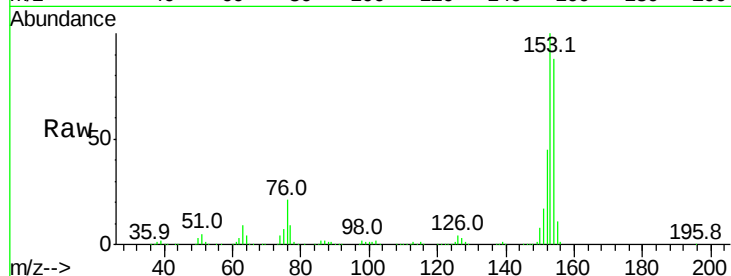
ClientSampleId :

PB102212BS

Tot Ion:	154	Resp:	868481
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.5	135.7
152	50.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 39.787 ng

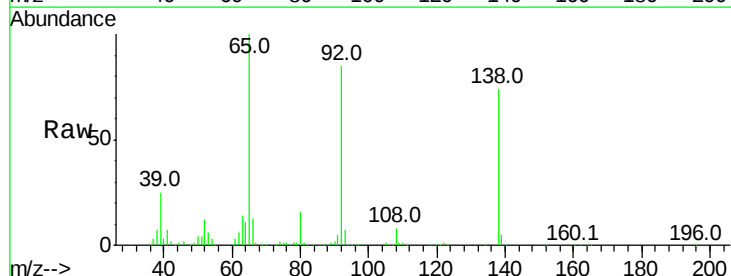
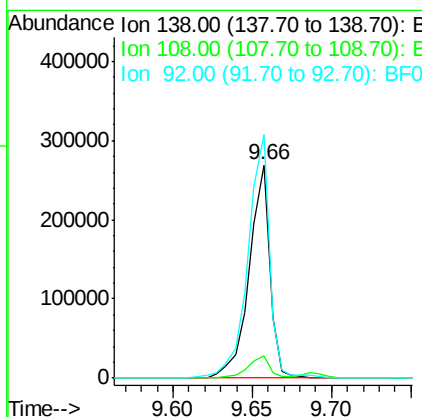
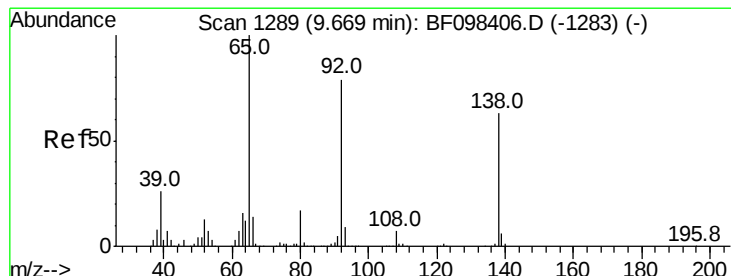
RT: 9.66 min Scan# 1287

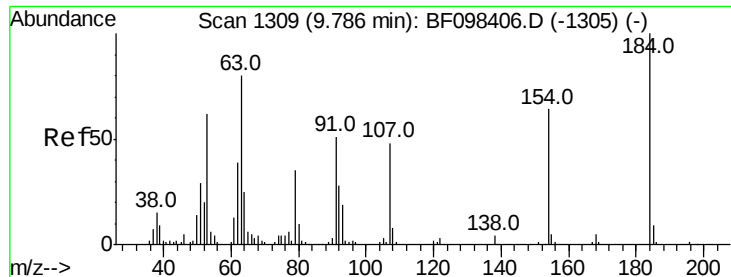
Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion:	138	Resp:	244838
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.1	13.7
92	114.4	93.8	140.6





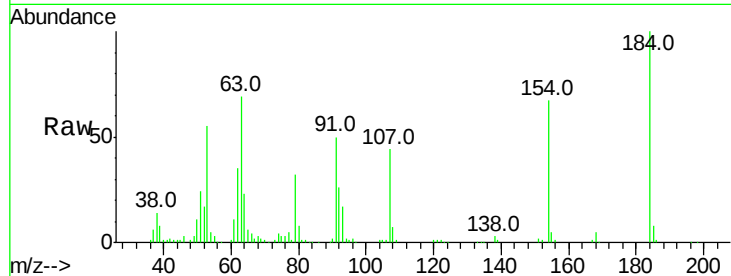
#53
2,4-Dinitrophenol
Concen: 58.986 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

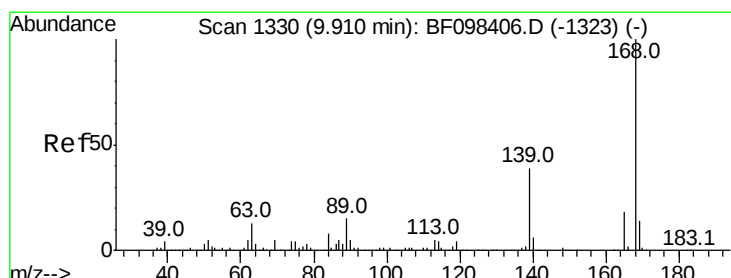
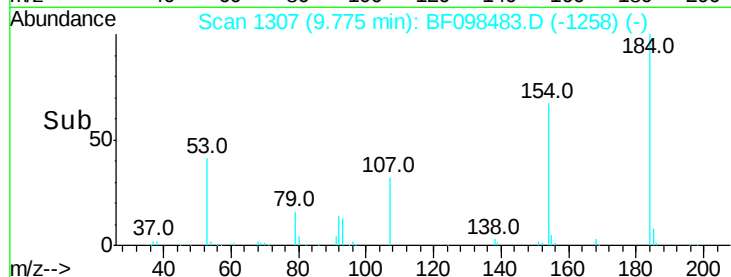
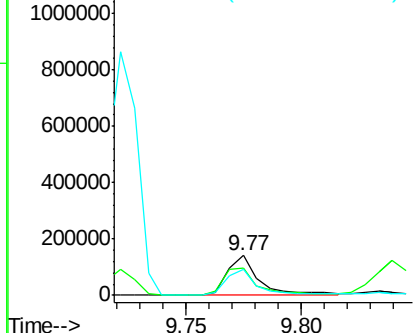
Tot Ion	Ratio	Resp	Lower	Upper
184	100	136100		
63	69.3	62.7	94.1	
154	66.9	81.1	121.7	

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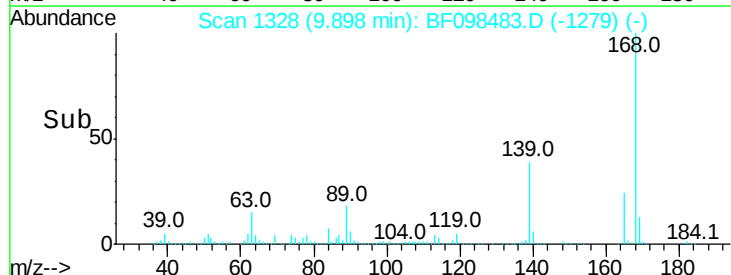
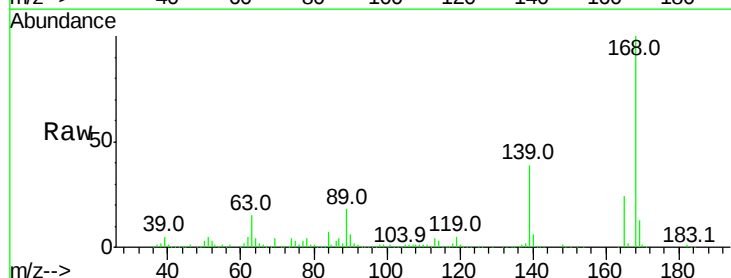
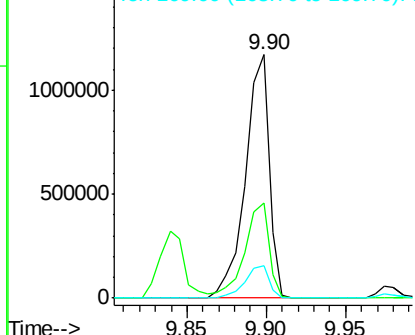
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

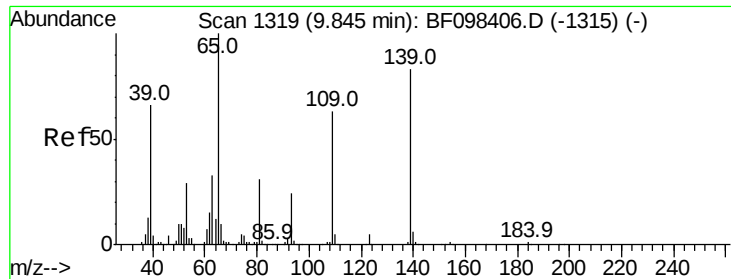


#54
Dibenzofuran
Concen: 47.531 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1212882		
139	39.2	30.6	45.8	
169	13.1	10.8	16.2	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





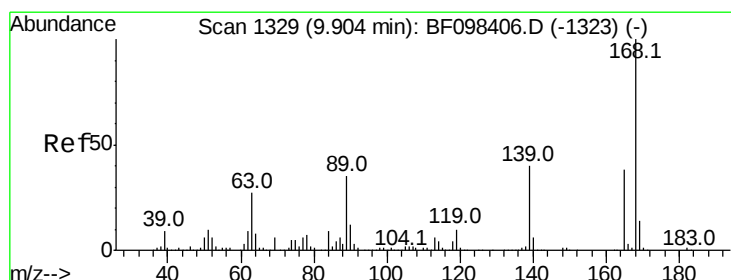
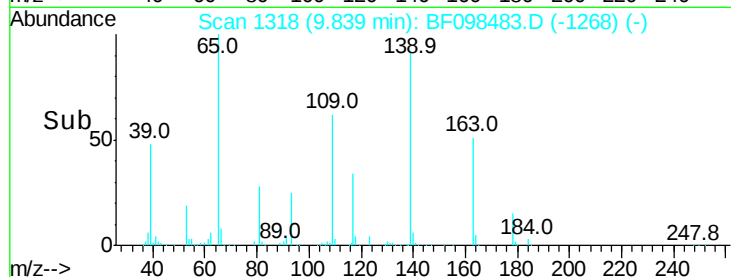
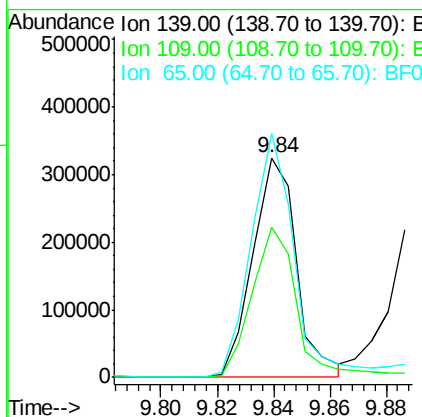
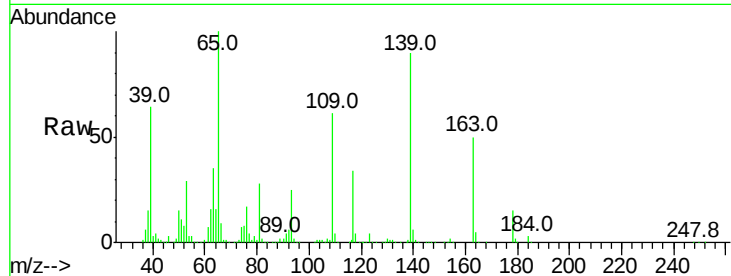
#55
4-Nitrophenol
Concen: 99.044 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.1	34.1	74.1	
65	110.8	31.4	71.4	

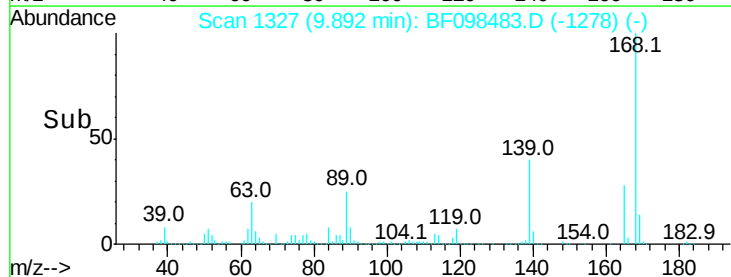
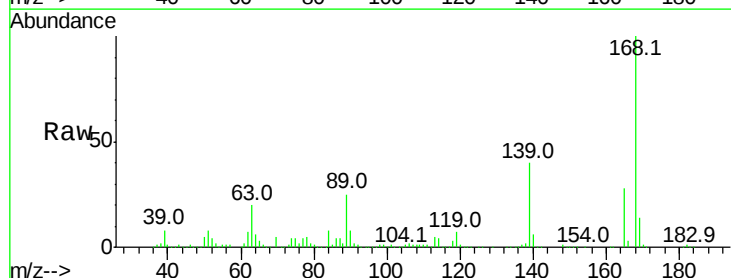
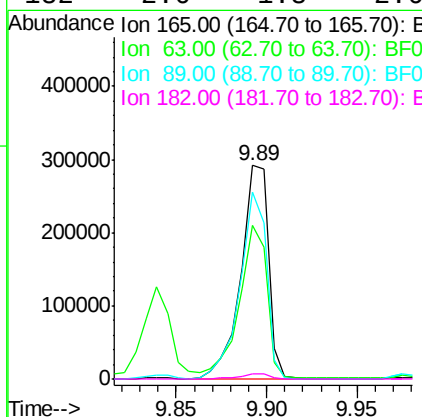
Manual Integrations
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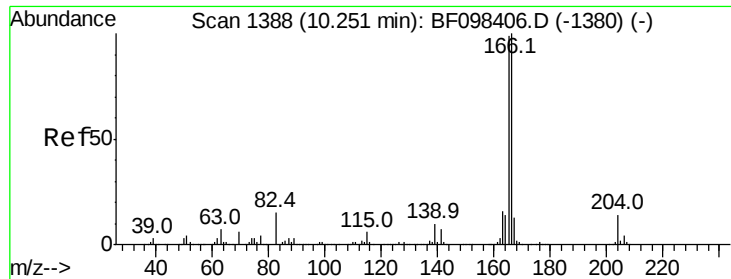
Sohil
9/14/2017 5:52:15 PM



#56
2,4-Dinitrotoluene
Concen: 50.090 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.1	25.4	38.0	
89	87.4	46.4	69.6	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 45.505 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

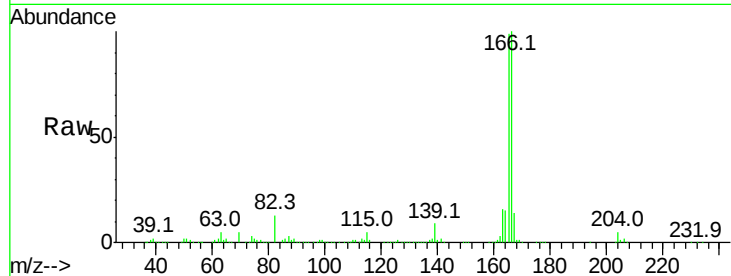
ClientSampled :

PB102212BS

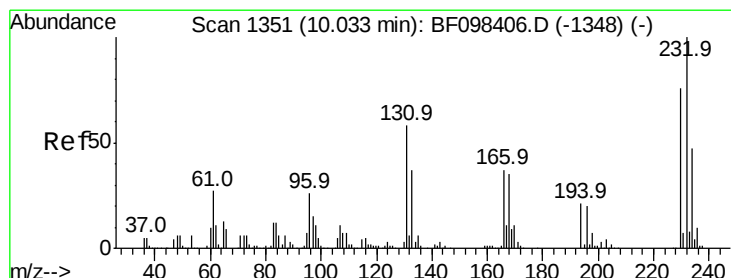
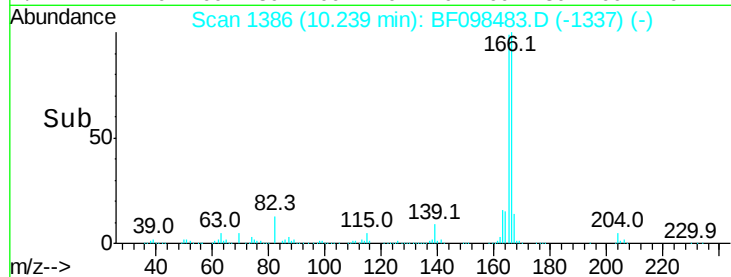
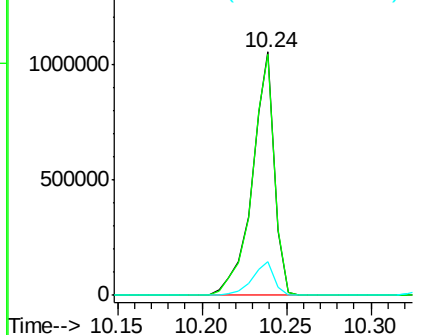
Tot Ion:	166	Resp:	961104
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.8	118.2
167	13.7	10.6	16.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.200 ng

RT: 10.02 min Scan# 1349

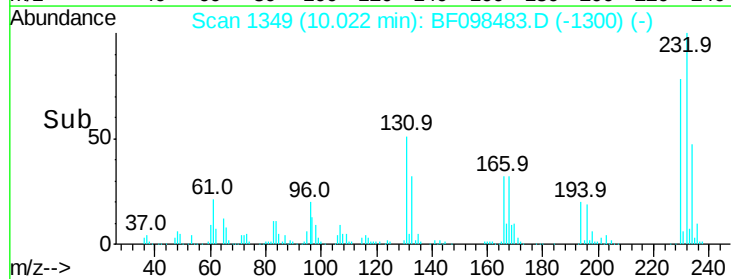
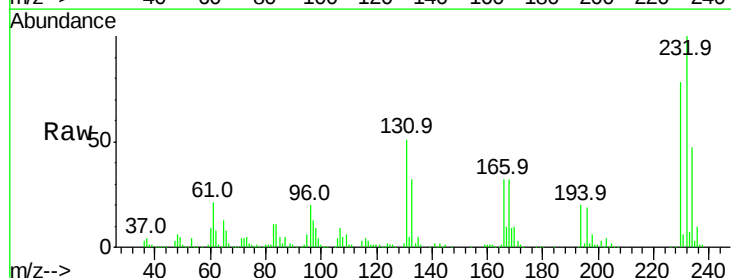
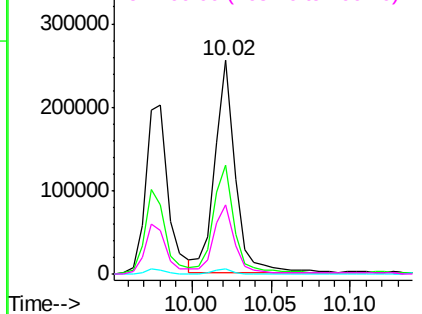
Delta R.T. -0.01 min

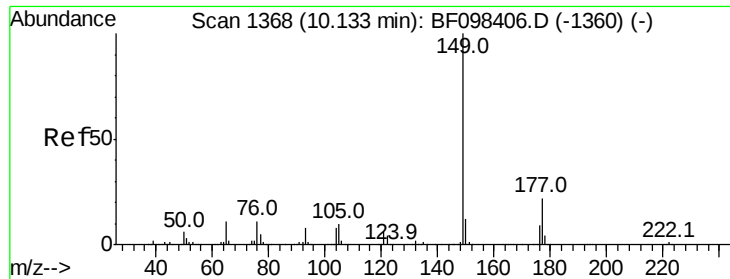
Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion:	232	Resp:	231573
Ion Ratio	Lower	Upper	
232	100		
131	52.2	44.8	67.2
130	2.6	2.3	3.5
166	33.4	29.0	43.4

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





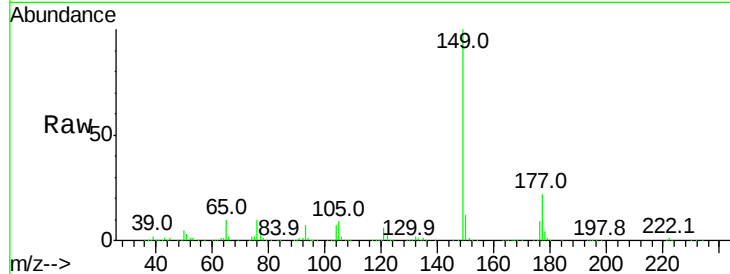
#59
Diethylphthalate
Concen: 45.032 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampled :
PB102212BS

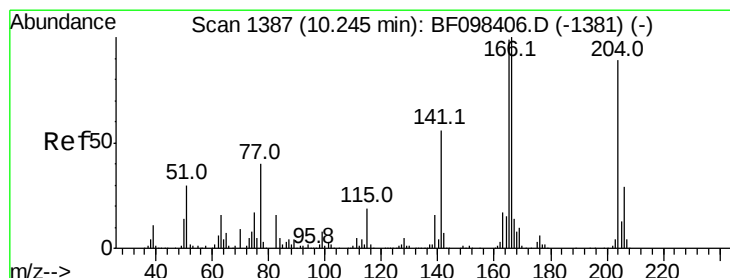
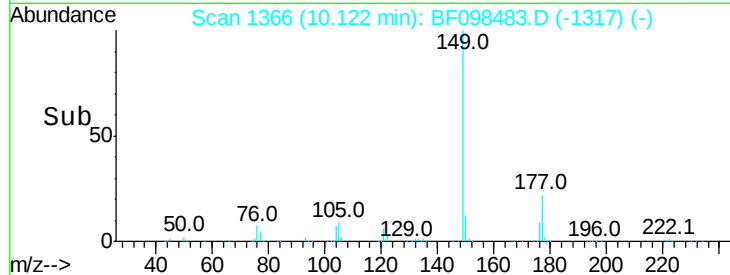
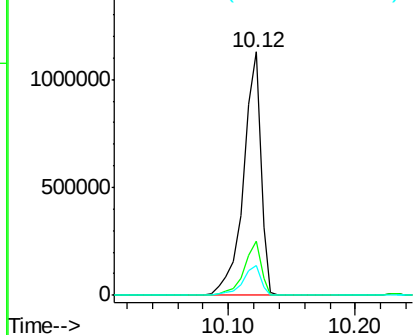
Tot Ion:149 Resp: 1062846
Ion Ratio Lower Upper
149 100
177 22.3 16.7 25.1
150 12.2 10.2 15.2

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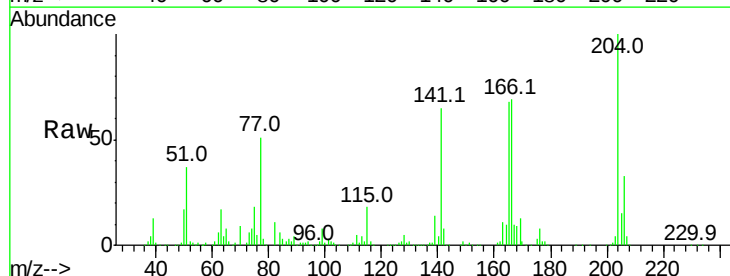


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

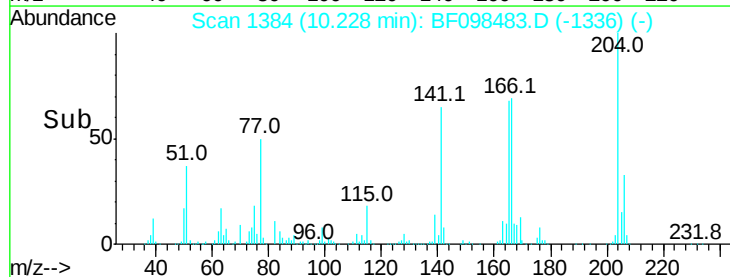
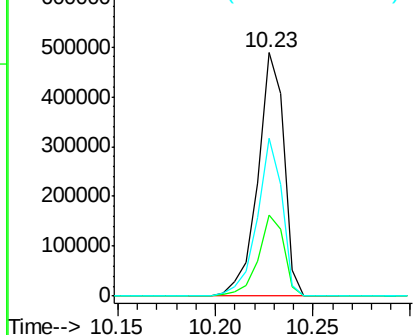


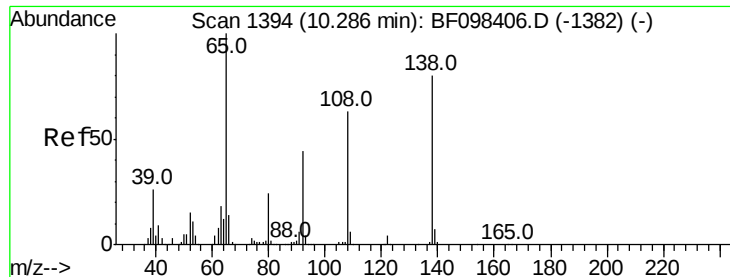
#60
4-Chlorophenyl-phenylether
Concen: 46.292 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion:204 Resp: 451602
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 65.0 60.8 91.2



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: 48.597 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

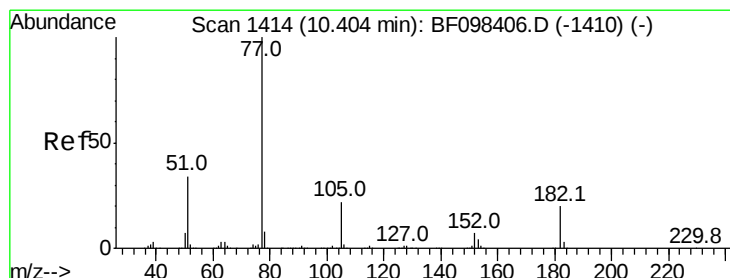
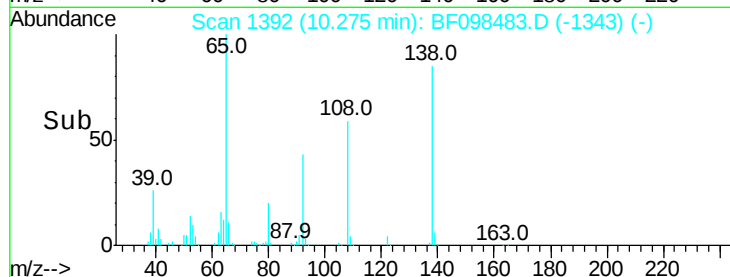
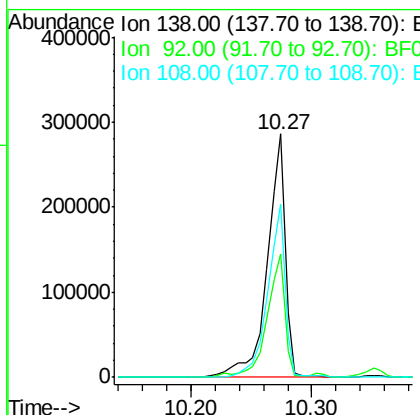
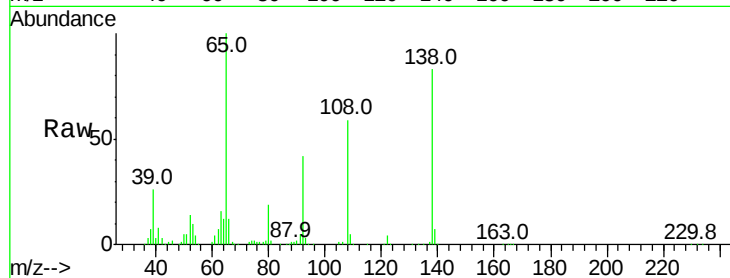
PB102212BS

Tot Ion:	138	Resp:	302014
Ion Ratio	Lower	Upper	
138	100		
92	50.9	21.8	61.8
108	70.9	42.3	82.3

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#62

Azobenzene

Concen: 43.924 ng

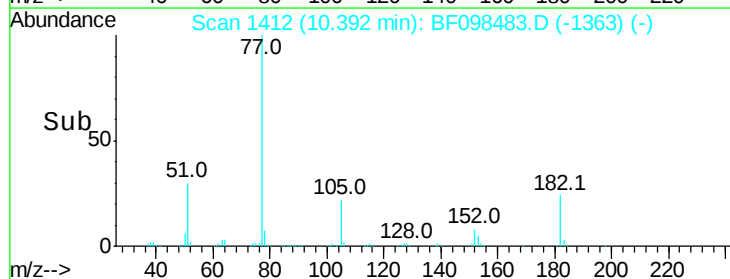
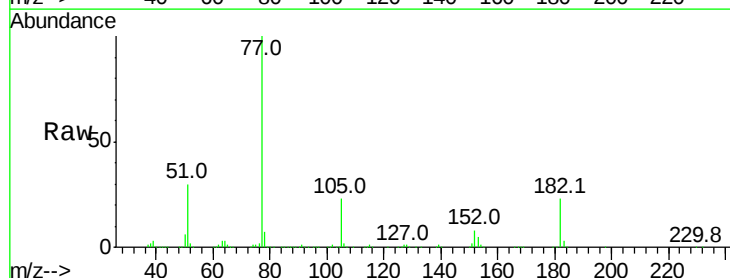
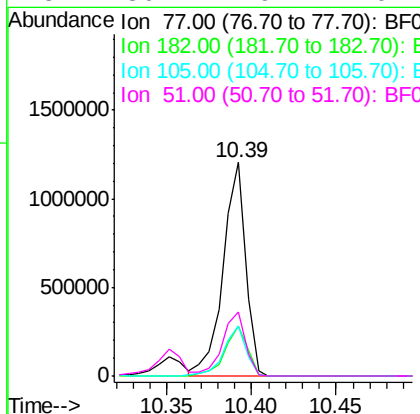
RT: 10.39 min Scan# 1412

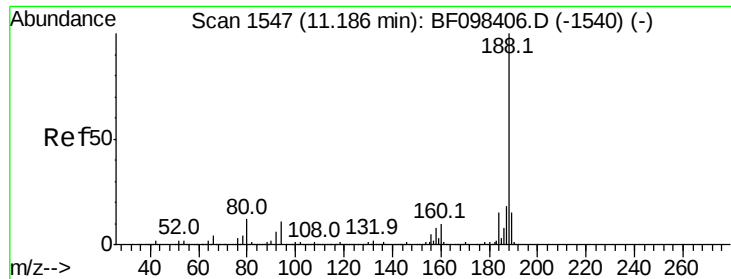
Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion:	77	Resp:	1117332
Ion Ratio	Lower	Upper	
77	100		
182	23.4	0.1	40.1
105	23.4	3.6	43.6
51	30.2	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

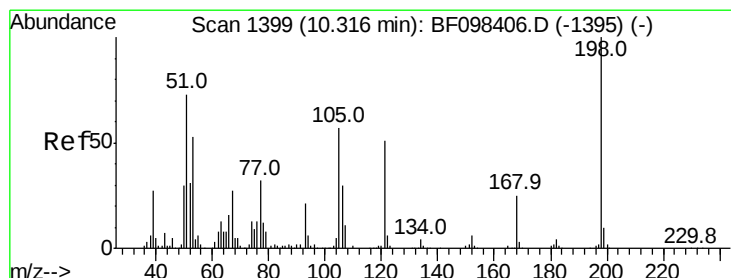
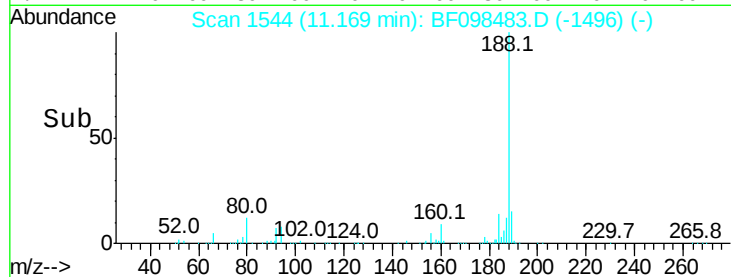
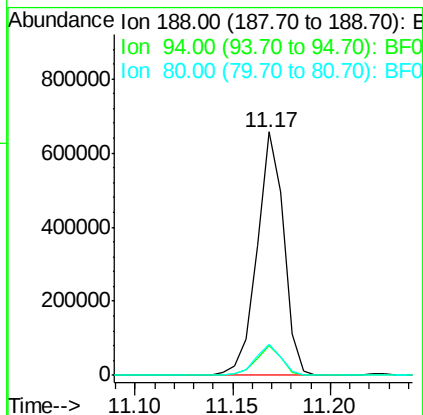
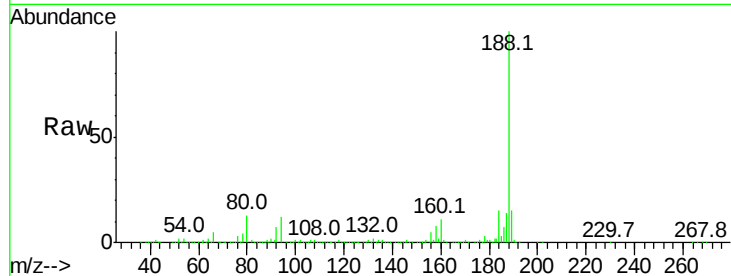
ClientSampleId :

PB102212BS

Tot Ion:188	Resp: 620283
Ion Ratio	Lower Upper
188 100	
94 12.3	9.4 14.2
80 12.9	10.2 15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 37.748 ng

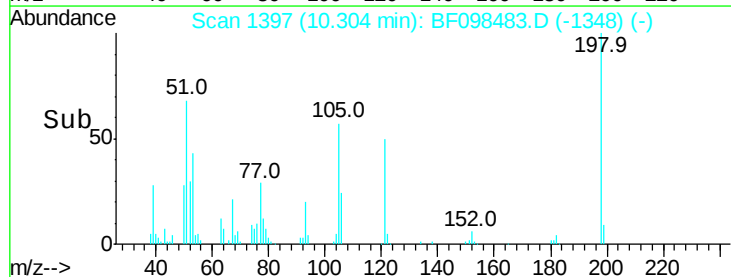
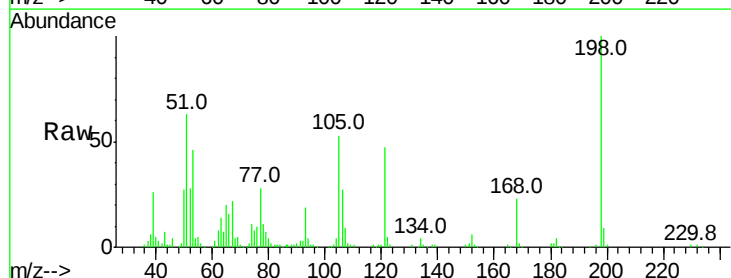
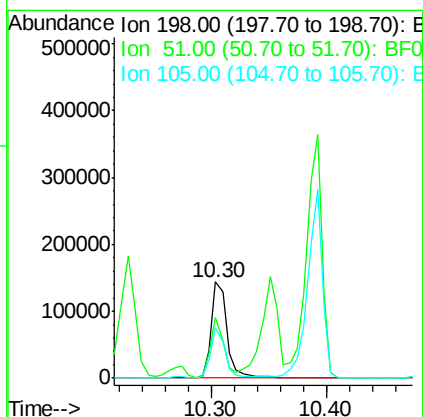
RT: 10.30 min Scan# 1397

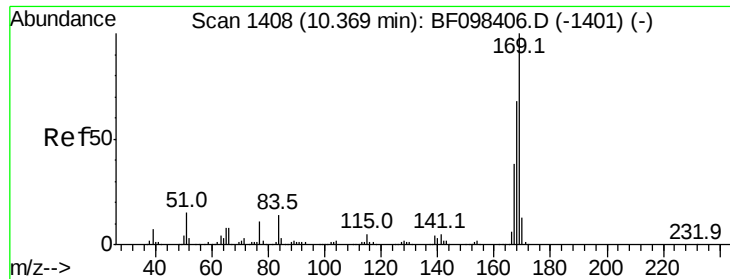
Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion:198	Resp: 139113
Ion Ratio	Lower Upper
198 100	
51 62.7	53.2 93.2
105 53.0	45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 44.771 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

ClientSampleId :

PB102212BS

Tot Ion:169 Resp: 901737

Ion Ratio Lower Upper

169 100

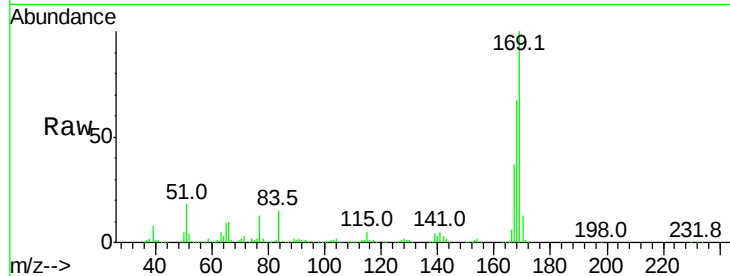
168 67.4 53.2 79.8

167 37.0 29.5 44.3

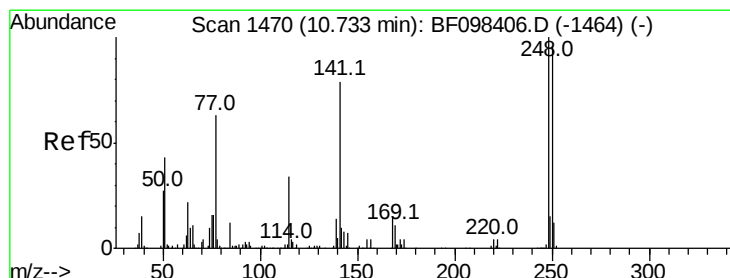
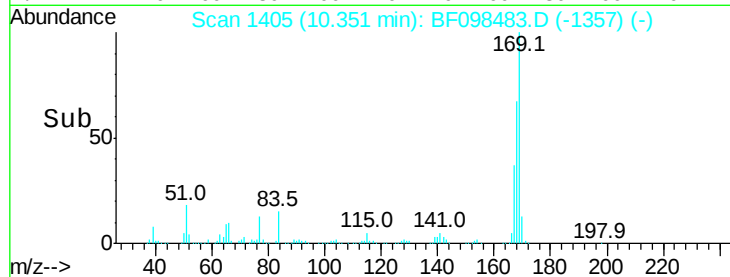
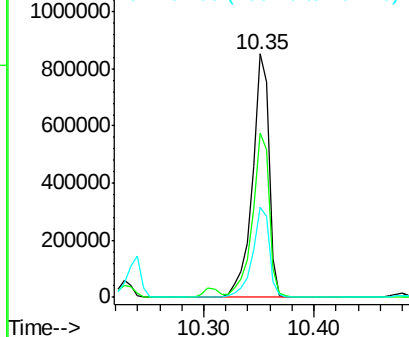
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.081 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

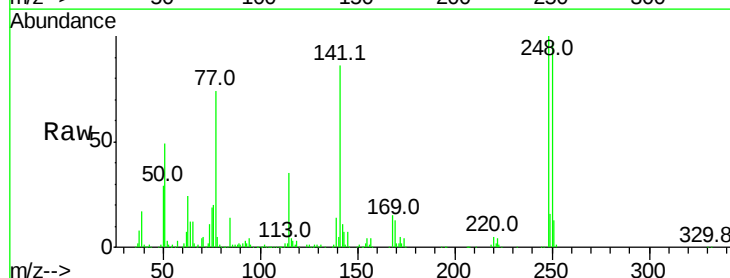
Tgt Ion:248 Resp: 277168

Ion Ratio Lower Upper

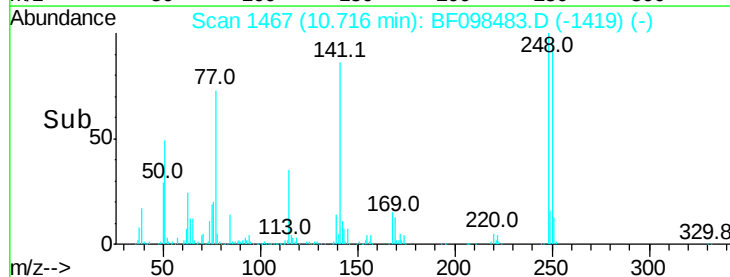
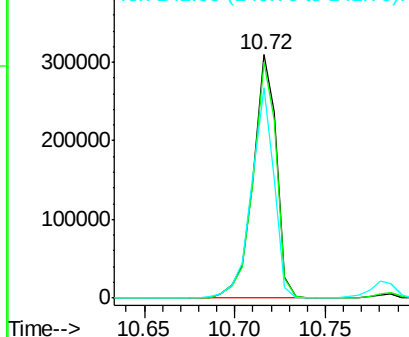
248 100

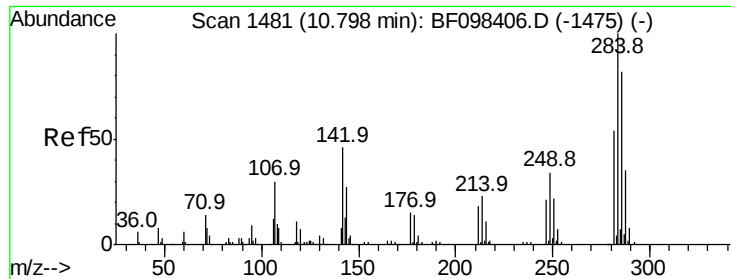
250 97.1 76.8 115.2

141 86.4 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





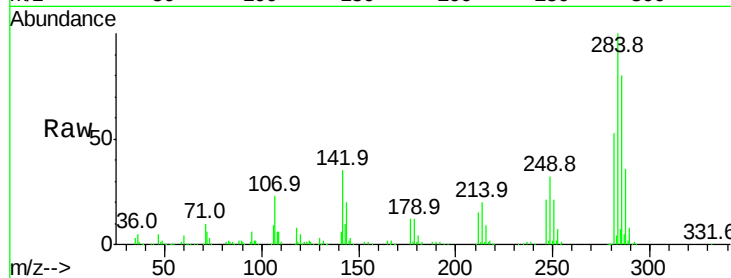
#67
Hexachlorobenzene
Concen: 45.757 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

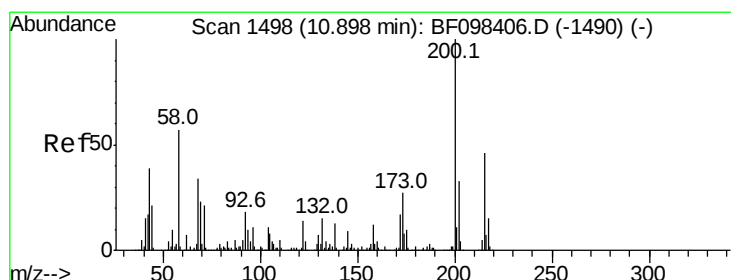
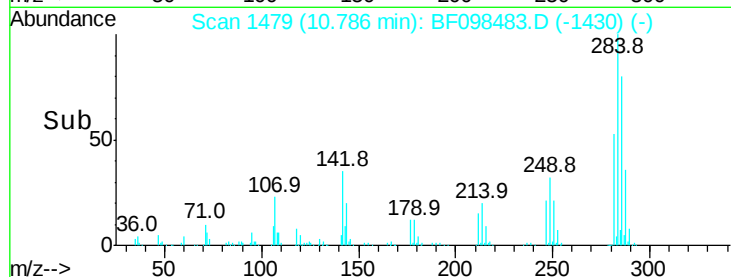
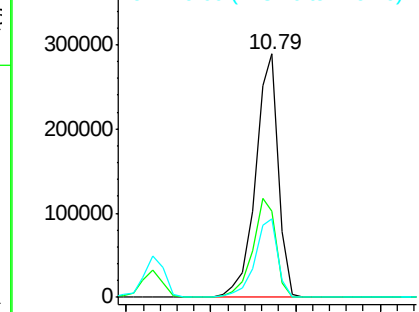
Tot Ion	Ratio	Resp	Lower	Upper
284	100	273233		
142	35.2	22.8	34.2#	
249	32.3	24.0	36.0	

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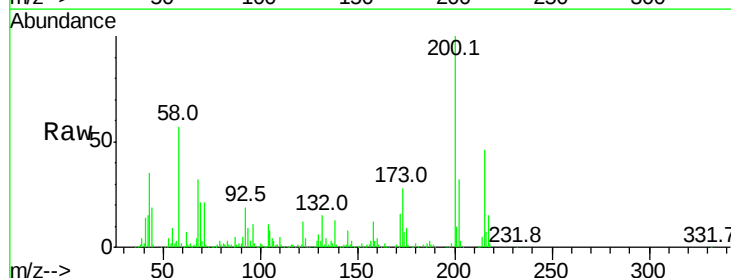


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

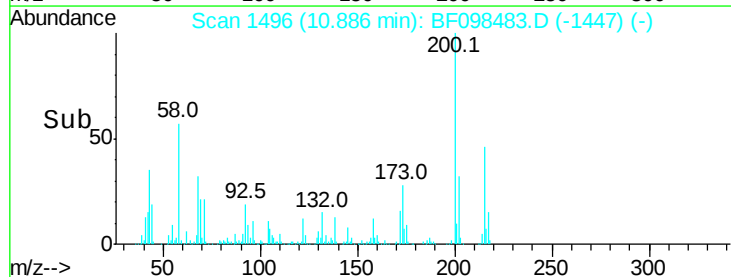
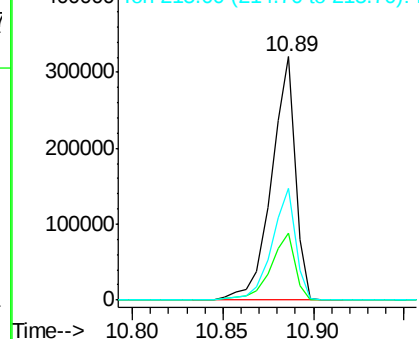


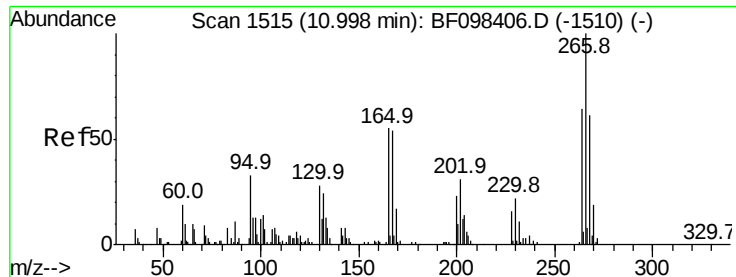
#68
Atrazine
Concen: 47.252 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	292990		
173	27.6	6.3	46.3	
215	46.1	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





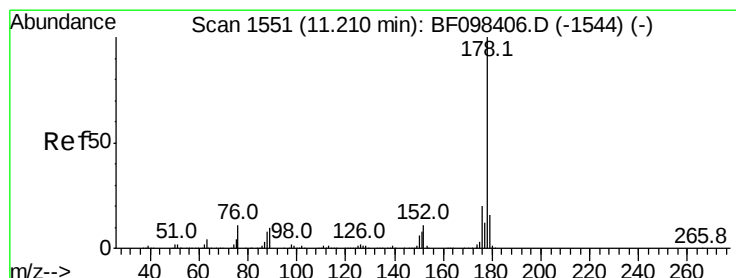
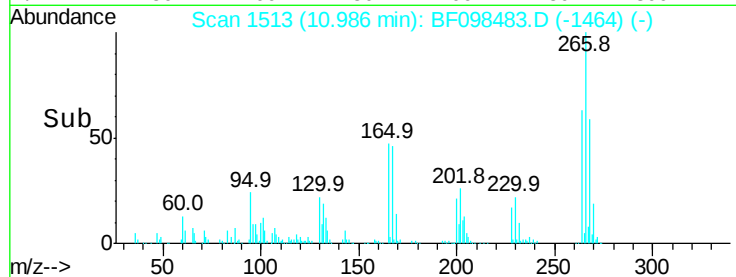
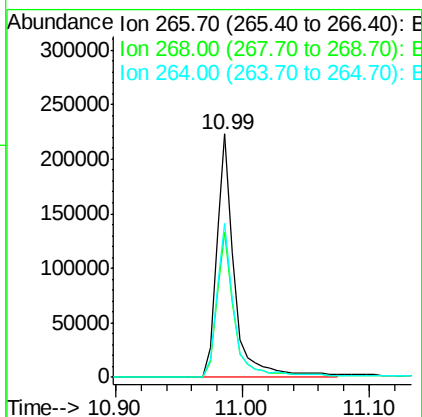
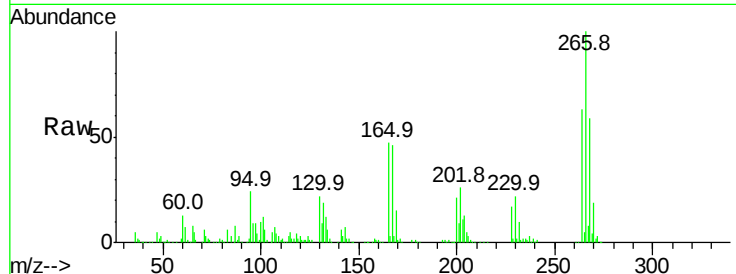
#69
 Pentachlorophenol
 Concen: 83.190 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	220700		
268	59.4		51.1	76.7
264	63.0		51.7	77.5

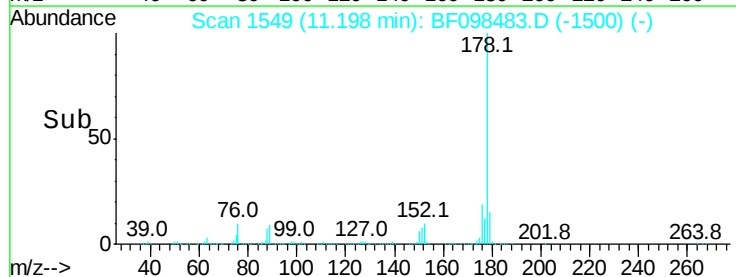
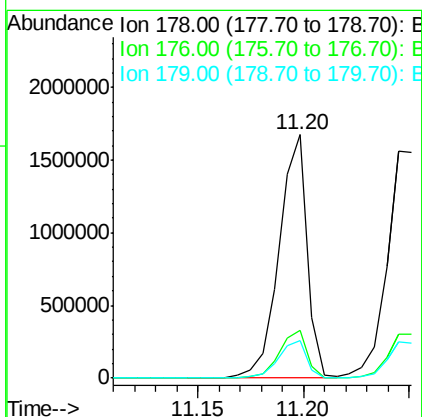
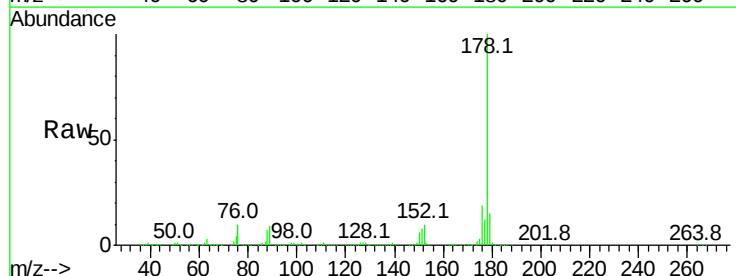
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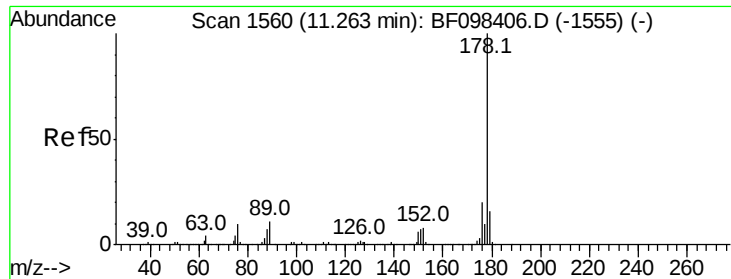
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#70
 Phenanthrene
 Concen: 47.105 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1548956		
176	19.4		16.2	24.4
179	15.4		12.6	19.0





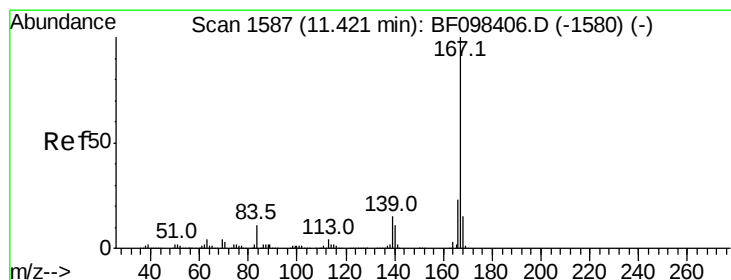
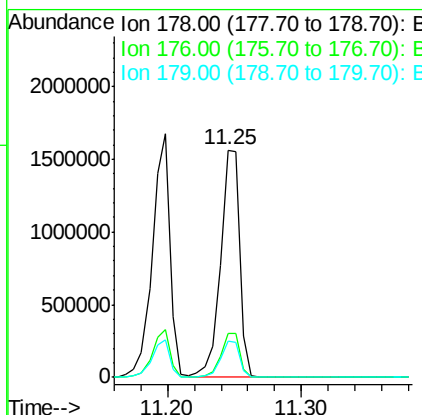
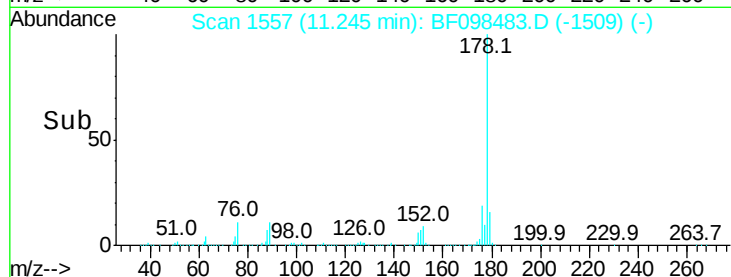
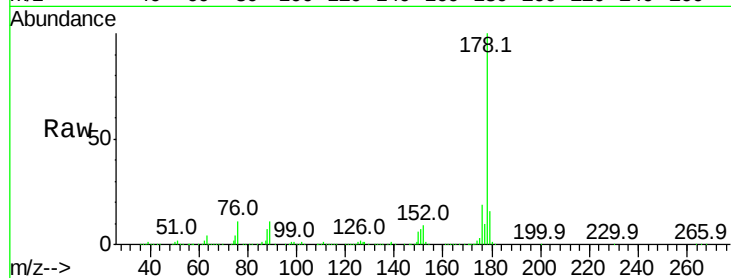
#71
 Anthracene
 Concen: 47.127 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BS

Tot Ion:178 Resp: 1591048
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 16.2 12.7 19.1

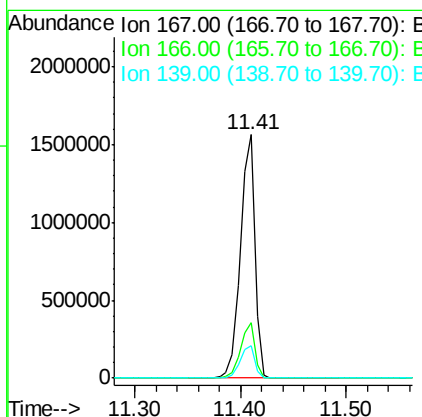
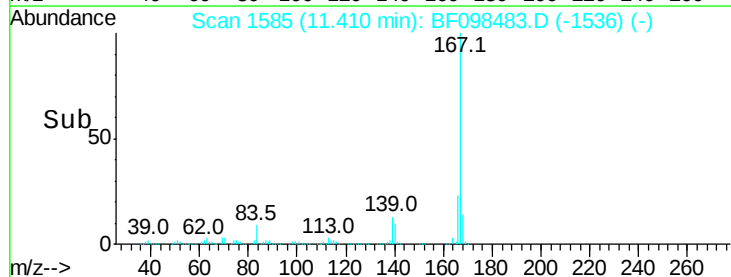
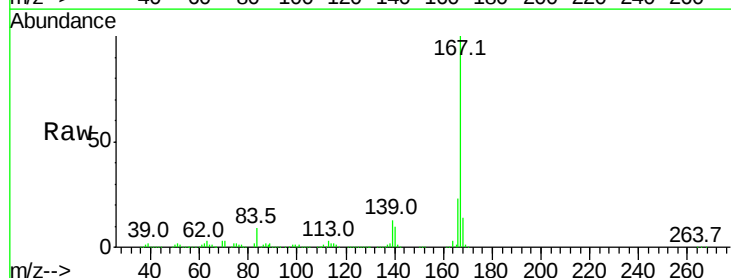
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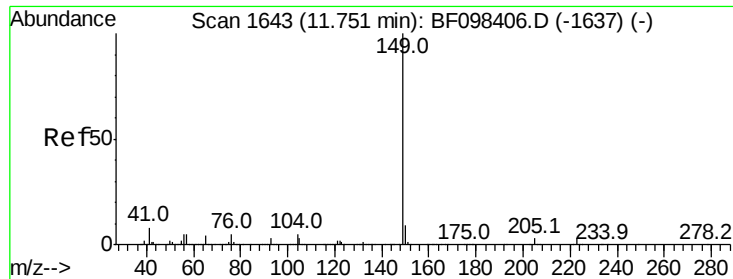
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#72
 Carbazole
 Concen: 46.208 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion:167 Resp: 1453896
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.2 11.7 17.5





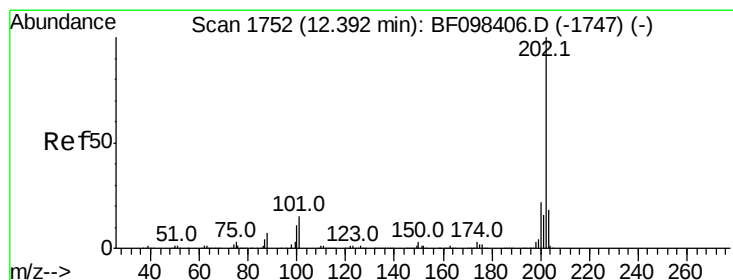
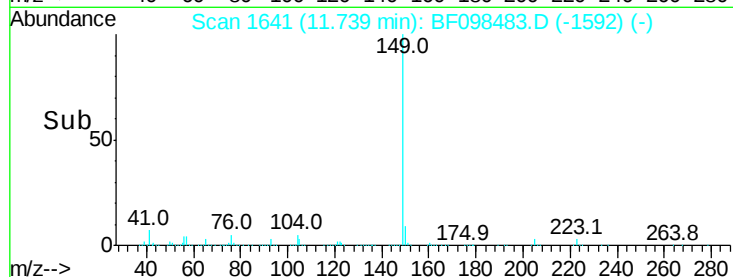
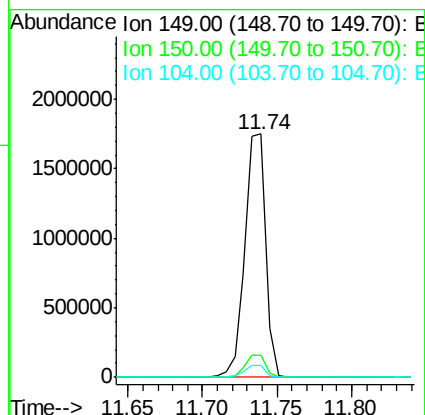
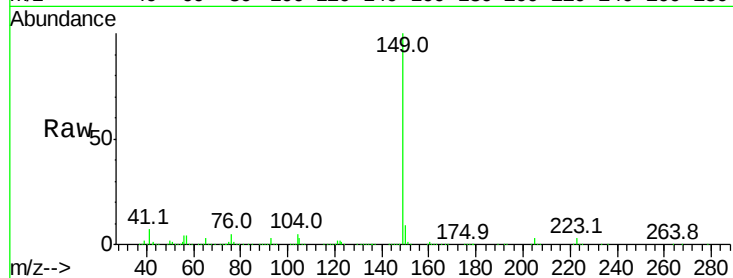
#73
Di-n-butylphthalate
Concen: 44.838 ng
RT: 11.74 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.9	4.0	6.0

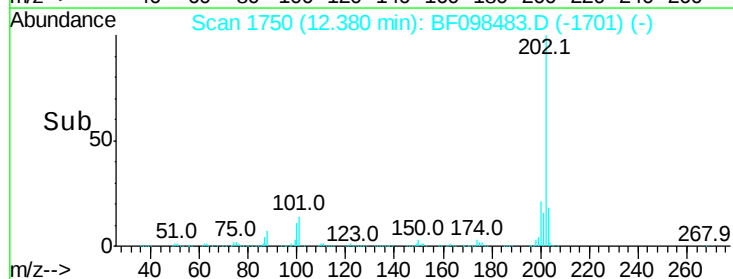
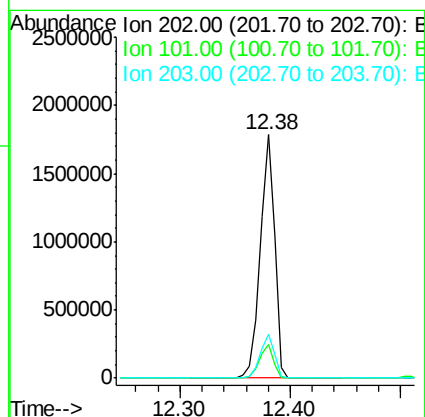
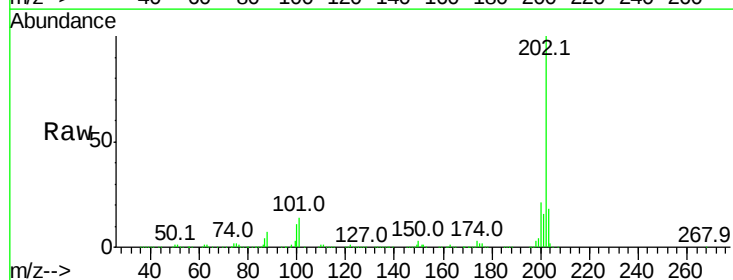
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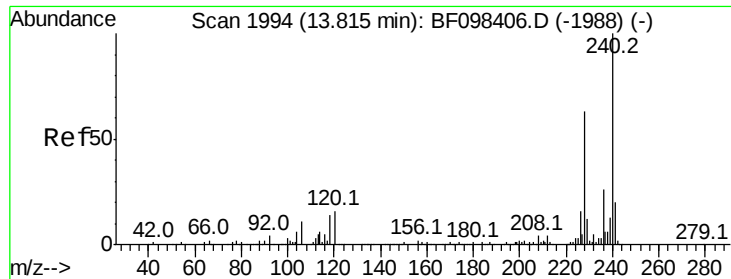
Sohil
9/14/2017 5:52:15 PM



#74
Fluoranthene
Concen: 49.883 ng
RT: 12.38 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	18.0	0.0	38.1





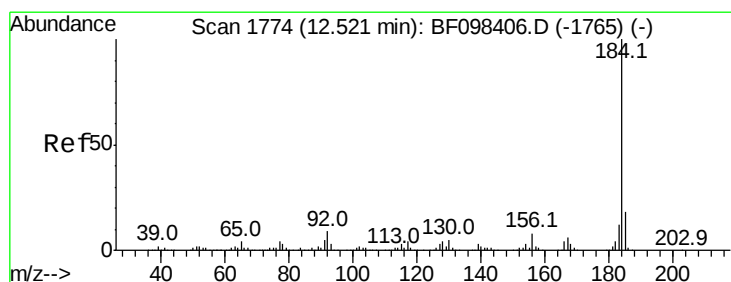
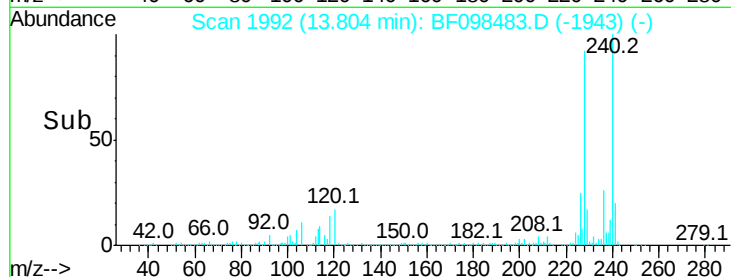
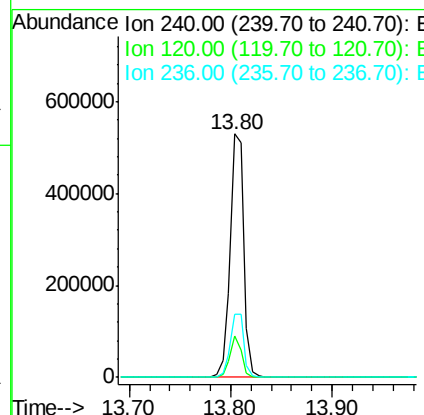
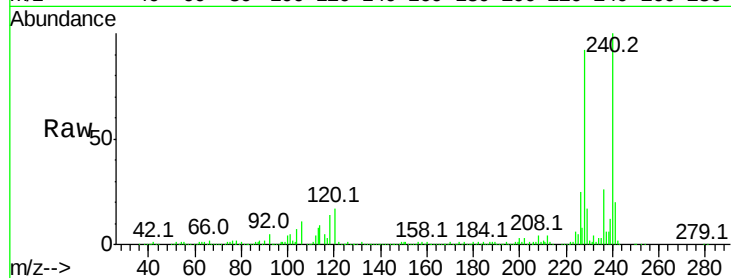
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BS

Tot Ion:240 Resp: 494289
 Ion Ratio Lower Upper
 240 100
 120 16.8 5.8 8.8#
 236 26.1 20.5 30.7

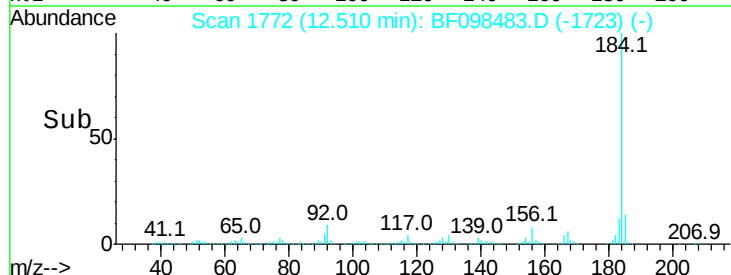
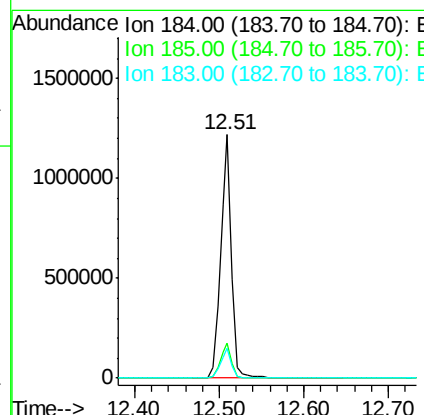
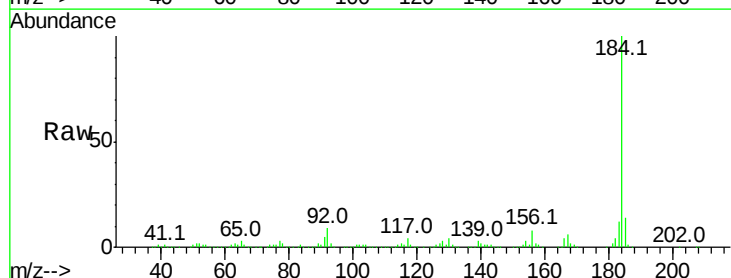
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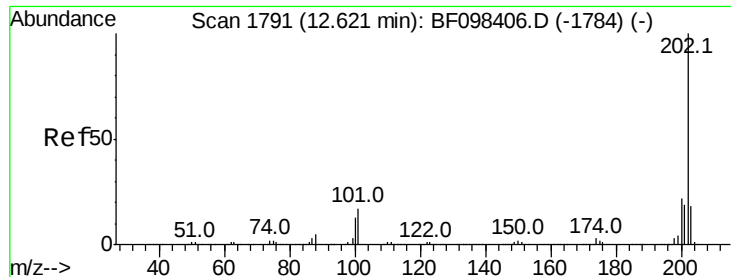
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#76
 Benzidine
 Concen: 50.711 ng
 RT: 12.51 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion:184 Resp: 1109341
 Ion Ratio Lower Upper
 184 100
 185 14.2 15.5 23.3#
 183 12.2 9.8 14.6





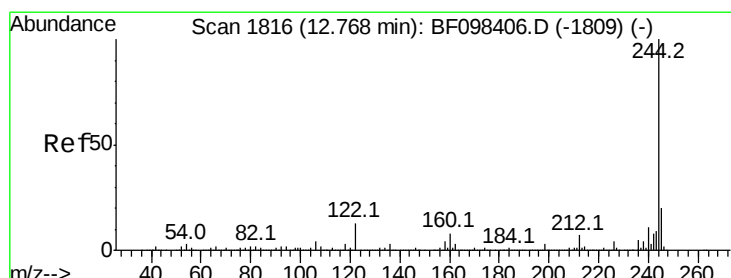
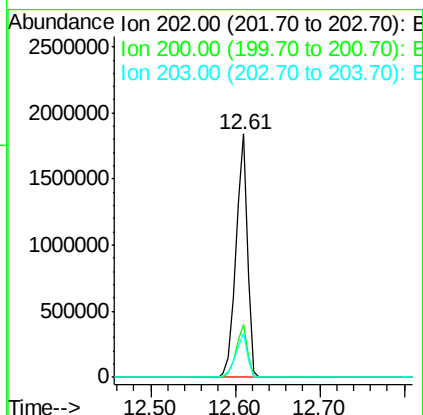
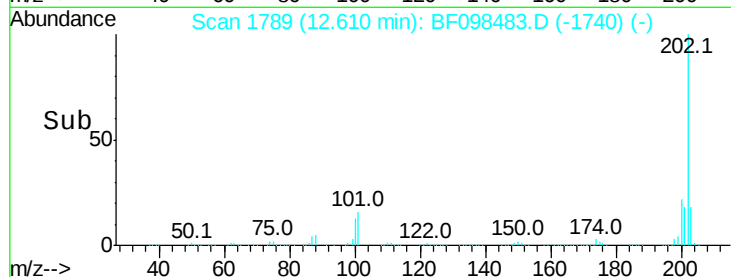
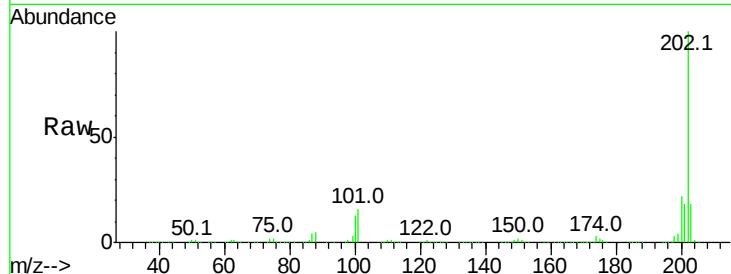
#77
Pvrene
Concen: 43.193 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.1	14.4	21.6

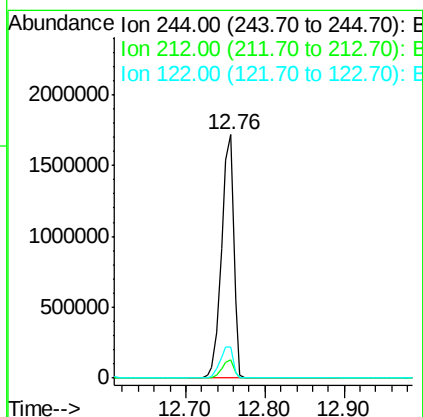
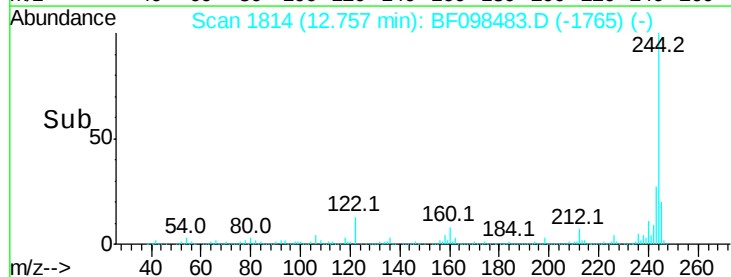
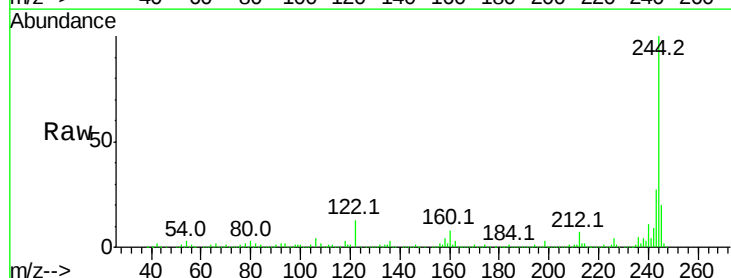
Manual Integrations
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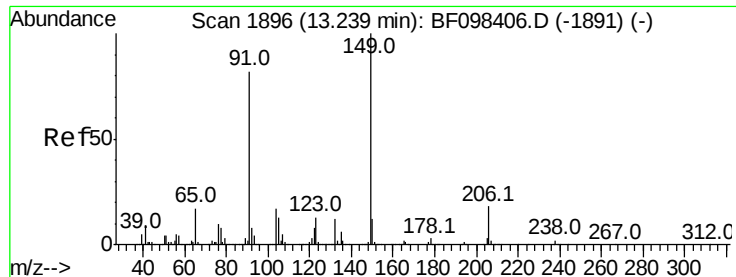
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#78
Terphenyl-d14
Concen: 79.739 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.7	10.3	15.5





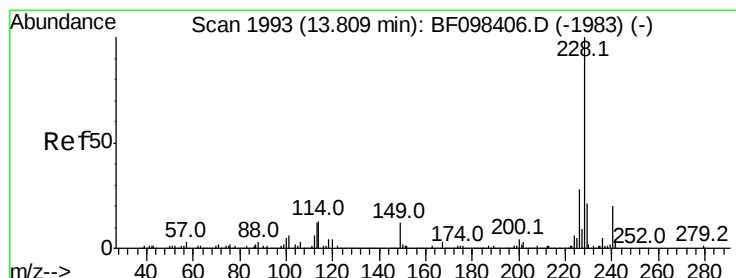
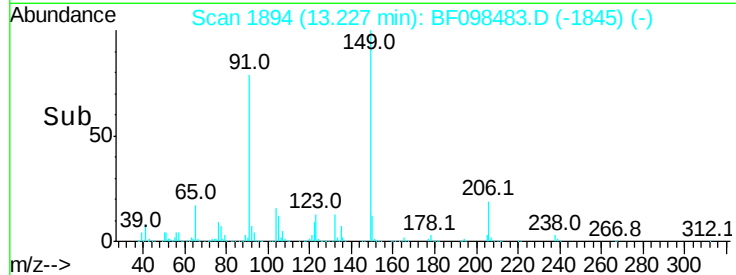
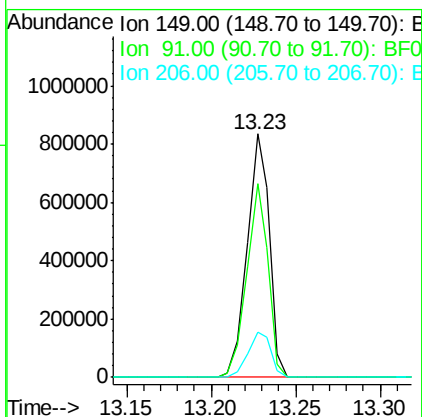
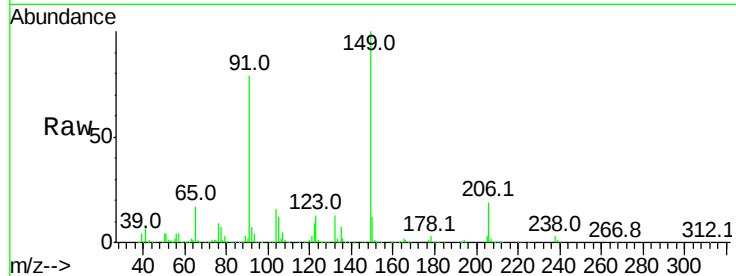
#79
Butylbenzylphthalate
Concen: 45.550 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleID :
PB102212BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	770529		
91	79.3	45.0	67.4#	
206	18.8	17.0	25.6	

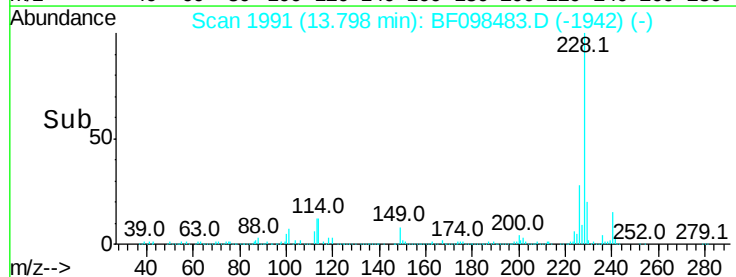
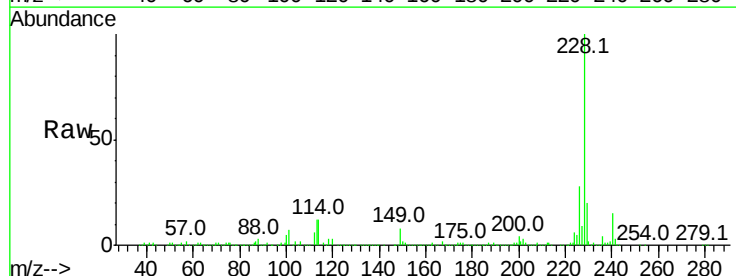
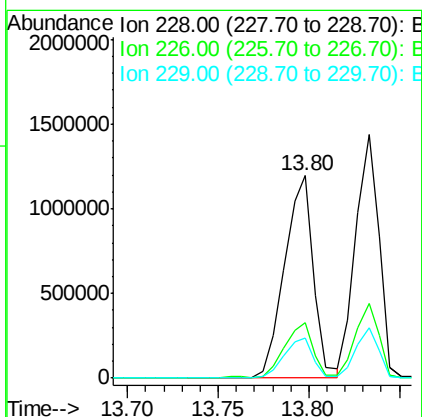
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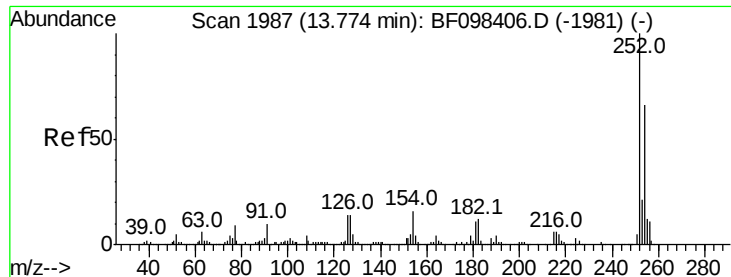
Sohil
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#80
Benzo(a)anthracene
Concen: 46.070 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1335087		
226	27.7	22.6	33.8	
229	19.8	16.3	24.5	





#81

3,3'-Dichlorobenzidine

Concen: 34.811 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

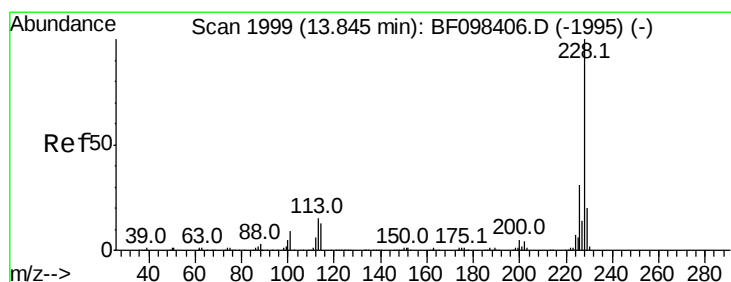
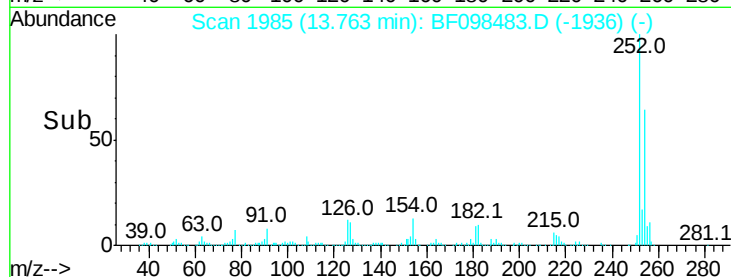
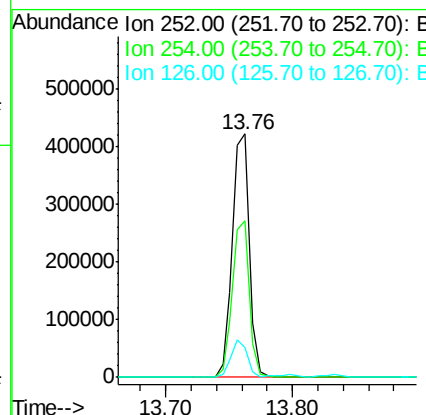
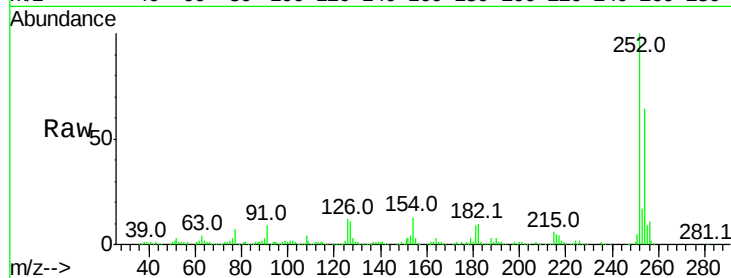
ClientSampled :

PB102212BS

Tot Ion:	252	Resp:	392037
Ion Ratio	Lower	Upper	
252	100		
254	64.4	51.5	77.3
126	12.0	15.8	23.8#

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#82

Chrysene

Concen: 44.537 ng

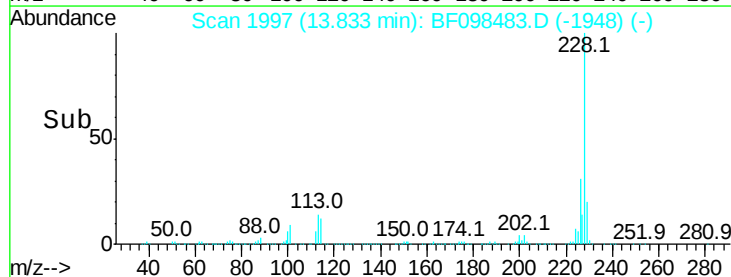
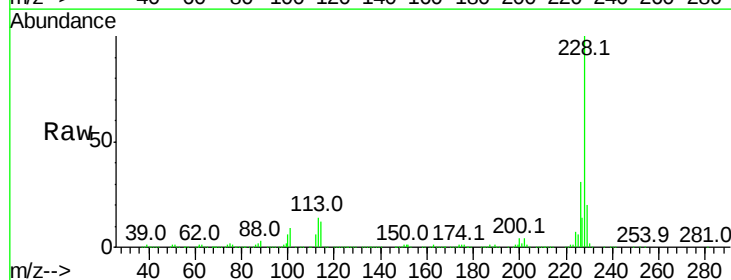
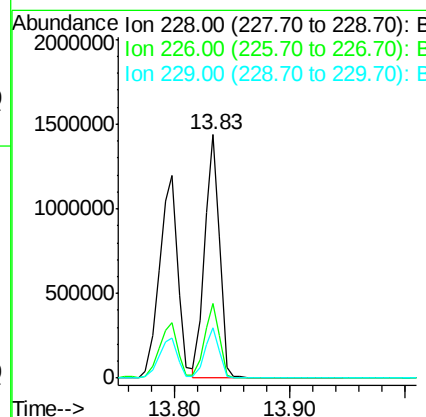
RT: 13.83 min Scan# 1997

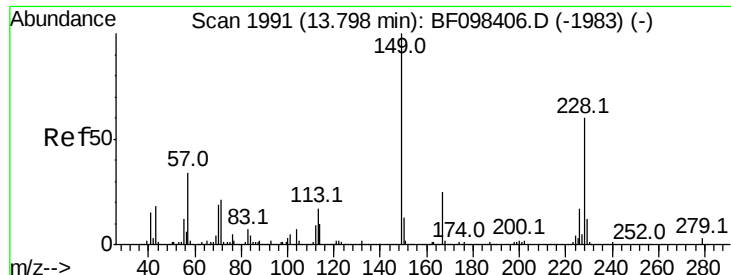
Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion:	228	Resp:	1304630
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.9	37.3
229	20.5	15.8	23.6





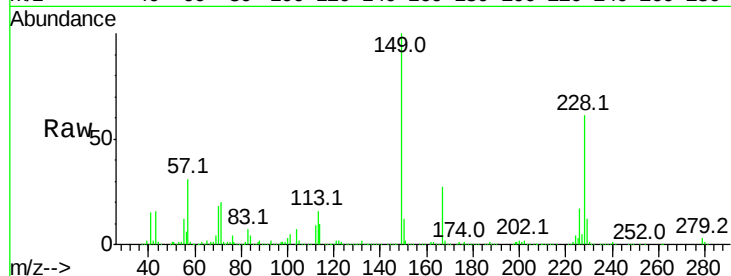
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.800 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BS

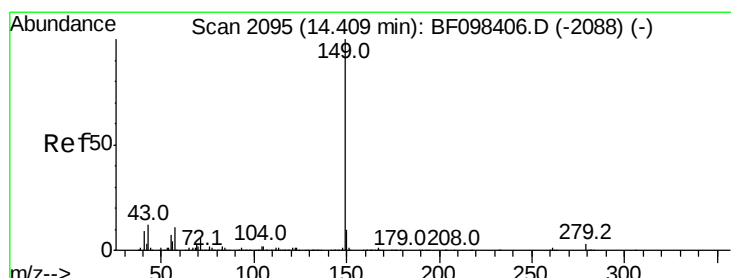
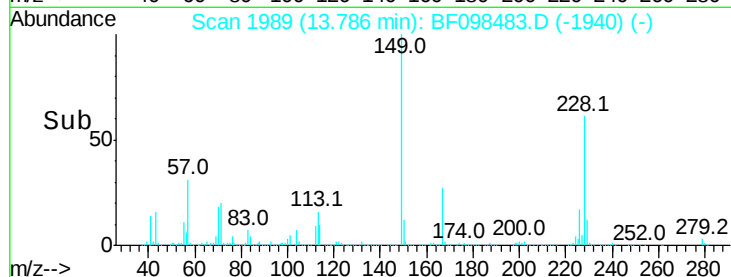
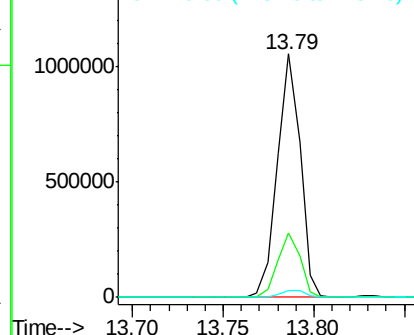
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.6	21.0	31.4	
279	2.9	1.9	2.9	

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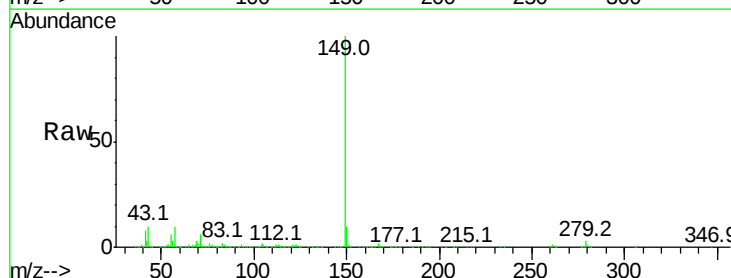


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

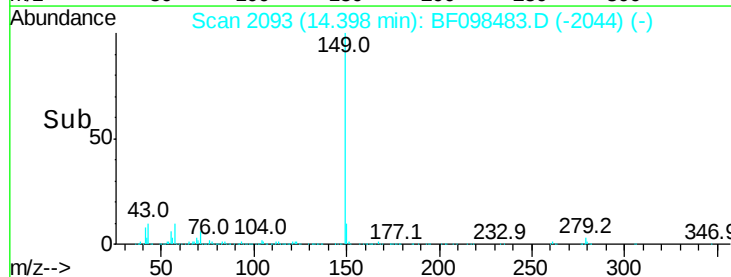
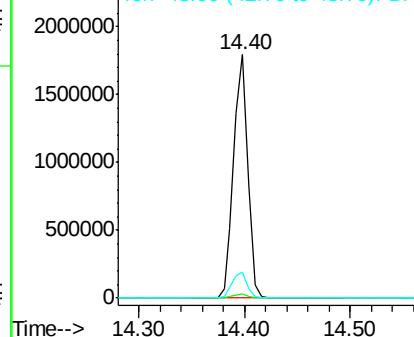


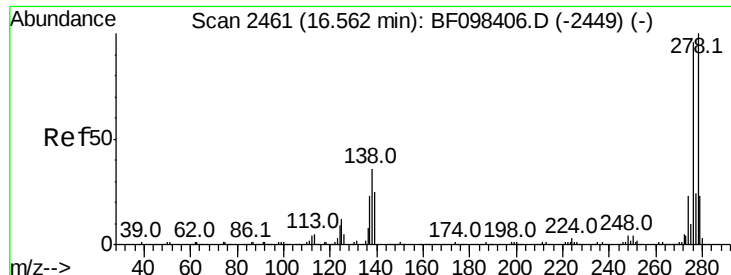
#84
 Di-n-octyl phthalate
 Concen: 45.593 ng
 RT: 14.40 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.8	8.5	12.7	



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





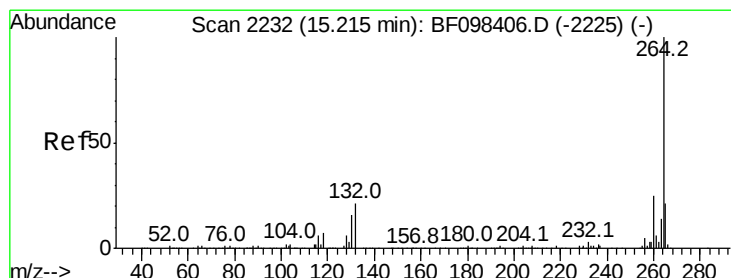
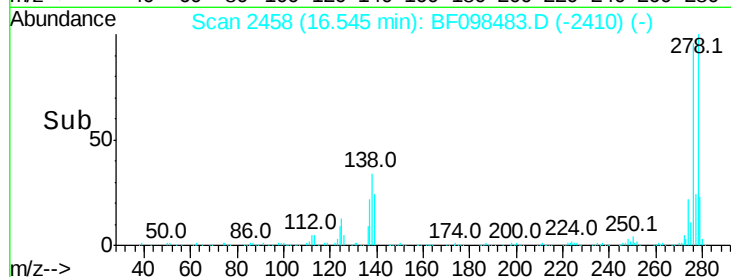
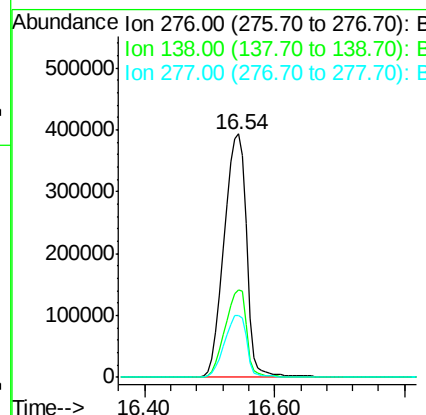
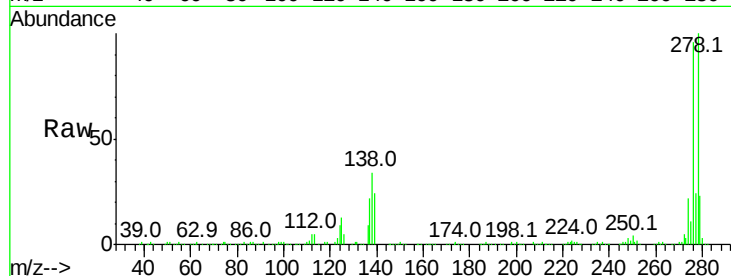
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.073 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampled :
PB102212BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	946873		
138	34.2	27.8	41.6	
277	25.3	20.2	30.4	

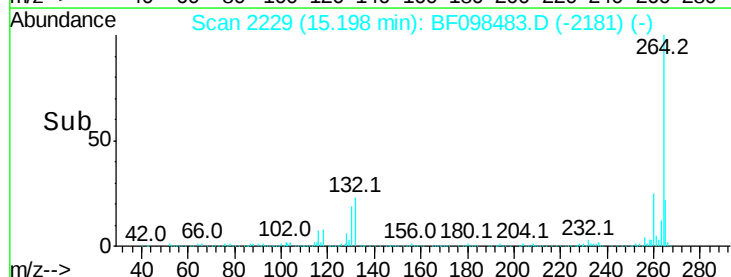
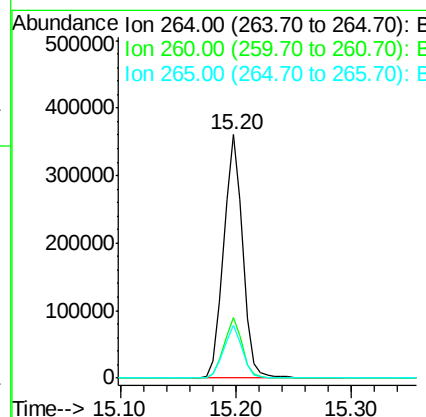
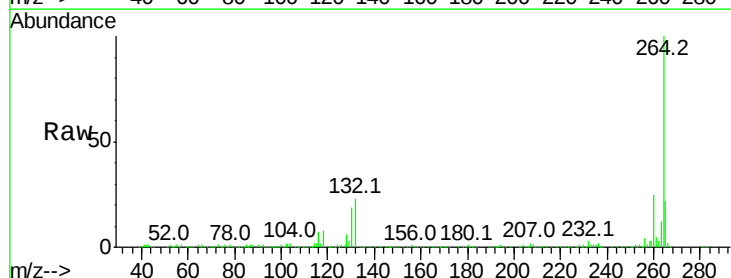
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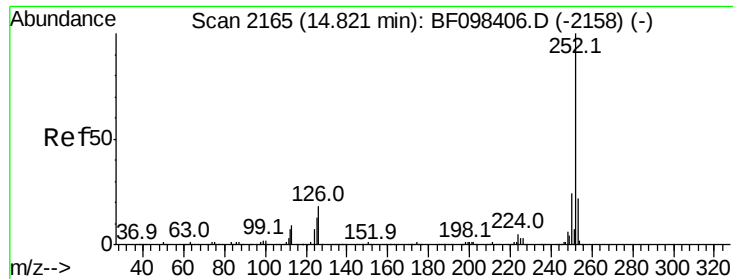
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	409245		
260	24.8	19.5	29.3	
265	21.9	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 45.993 ng

RT: 14.81 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Instrument :

BNA_F

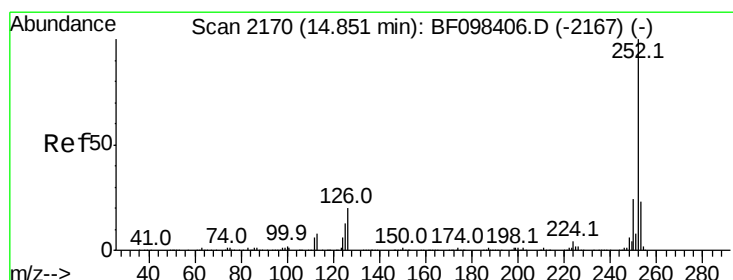
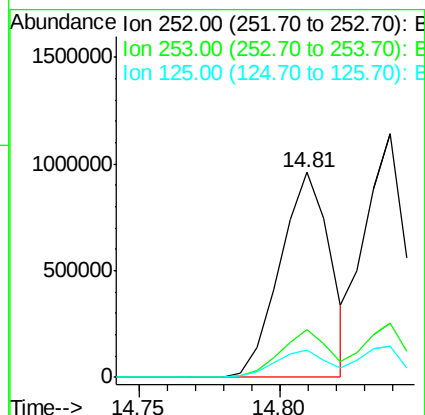
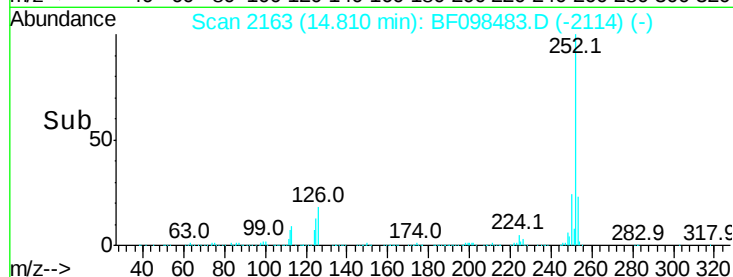
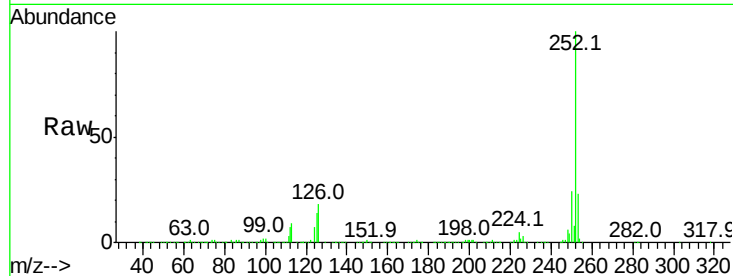
ClientSampleId :

PB102212BS

Tot Ion:	252	Resp:	1183499
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	13.5	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.244 ng m

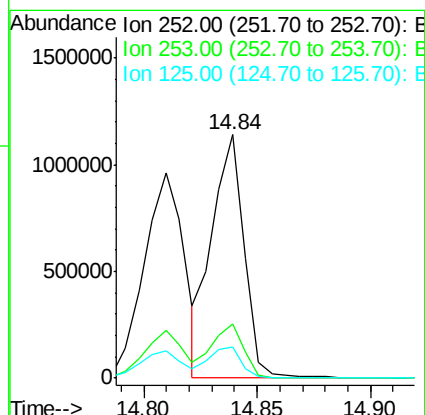
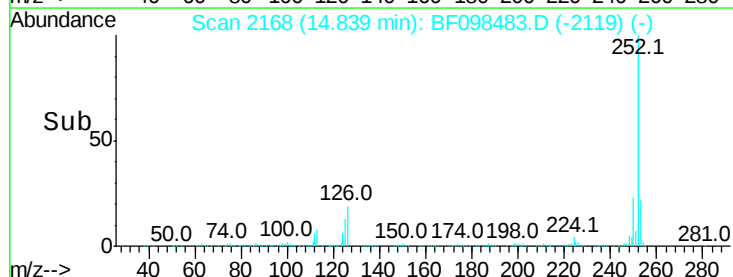
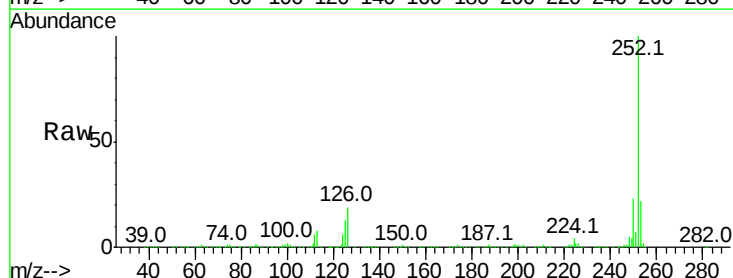
RT: 14.84 min Scan# 2168

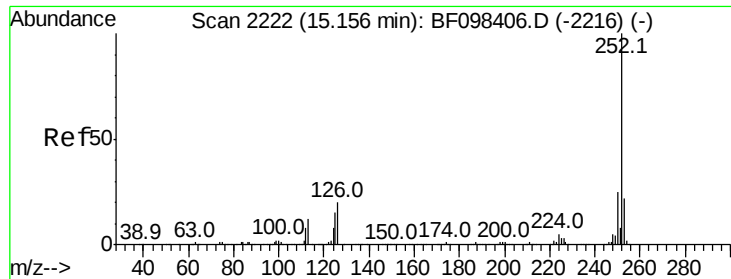
Delta R.T. -0.01 min

Lab File: BF098483.D

Acq: 13 Sep 2017 12:06

Tgt Ion:	252	Resp:	1134919
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	12.7	13.1	19.7#





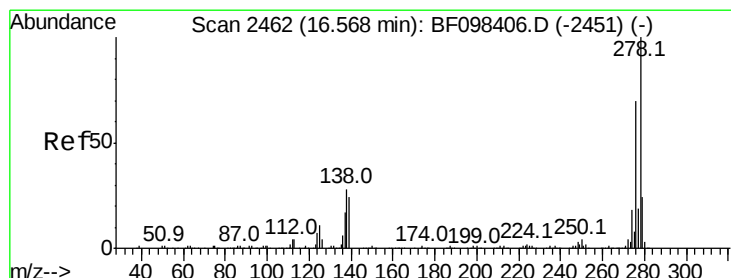
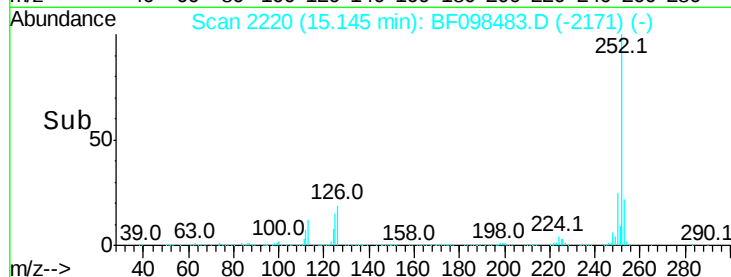
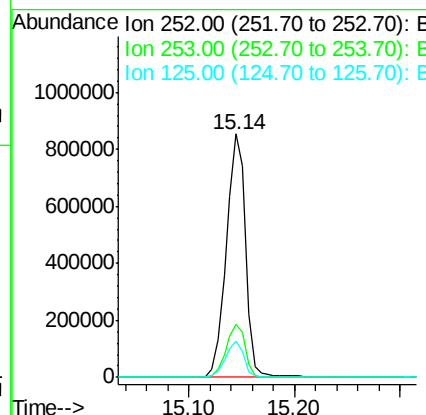
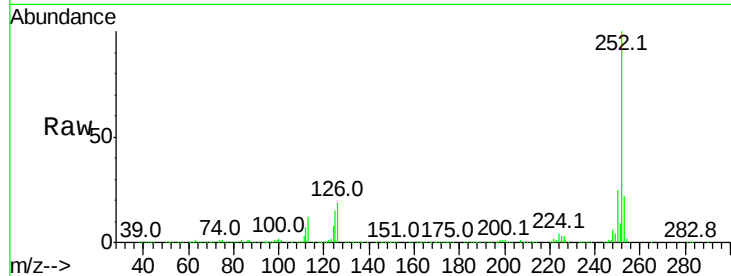
#89
Benzo(a)pyrene
Concen: 47.117 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Instrument :
BNA_F
ClientSampleId :
PB102212BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.1	11.0	16.4

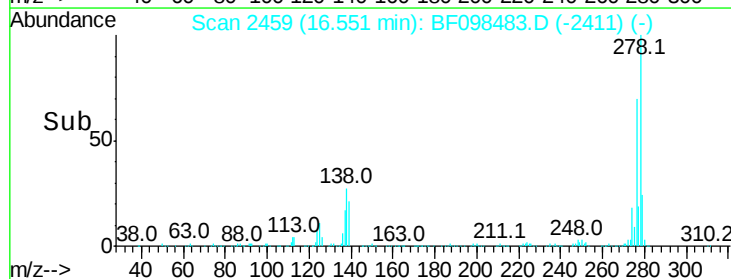
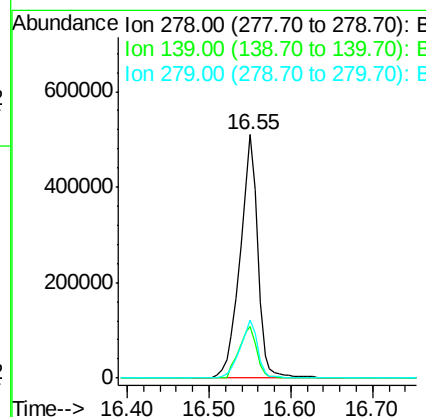
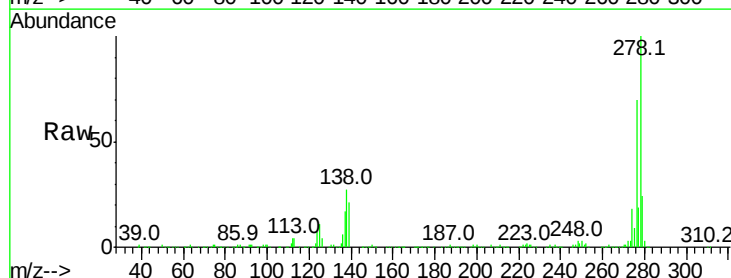
Manual Integrations
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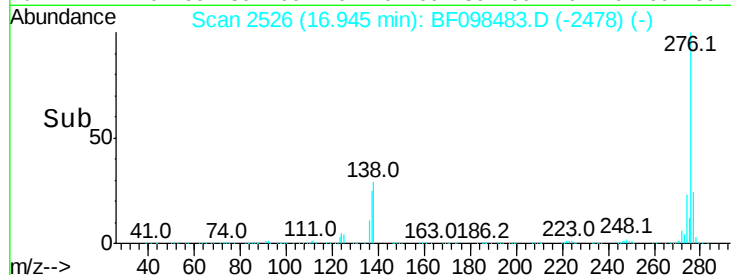
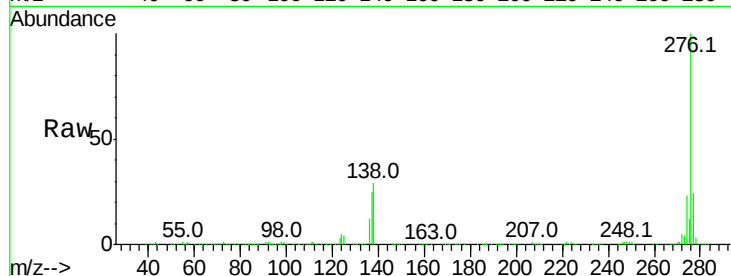
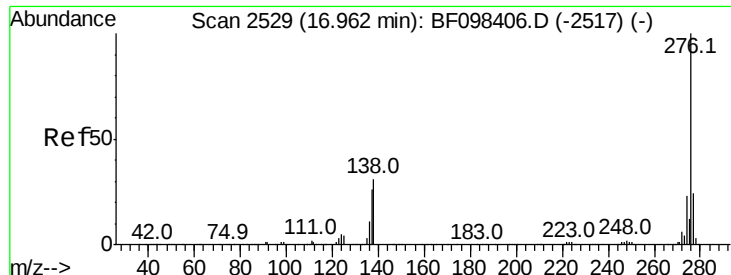
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 46.459 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF098483.D
Acq: 13 Sep 2017 12:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.6	24.8
279	23.9	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.971 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. -0.02 min
 Lab File: BF098483.D
 Acq: 13 Sep 2017 12:06

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	18.6	28.0
138	29.2	25.4	38.0

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BS

Manual Integrations
 APPROVED

Sohil
 9/14/2017 5:52:15 PM

