

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101057.D
 Acq On : 1 Dec 2017 12:36
 Operator : SJ/JU
 Sample : PB104630BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Manual Integrations
 APPROVED

Sohil

12/4/2017 11:56:24 AM

Quant Time: Dec 01 15:56:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52816	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	208286	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	98859	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	196302	20.00	ng	0.00
75) Chrysene-d12	14.02	240	152394	20.00	ng	0.00
86) Perylene-d12	15.49	264	113953	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	380091	118.92	ng	0.01
7) Phenol-d6	6.49	99	460966	118.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	285028	81.63	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	133328	112.27	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	626140	86.66	ng	0.00
78) Terphenyl-d14	12.96	244	643347	92.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	46187	34.945	ng	# 95
3) Pyridine	3.49	79	34928	10.194	ng	95
4) n-Nitrosodimethylamine	3.39	42	68478	40.921	ng	90
6) Aniline	6.52	93	100430	19.902	ng	98
8) 2-Chlorophenol	6.63	128	142528	40.898	ng	98
9) Benzaldehyde	6.40	77	63562	26.762	ng	96
10) Phenol	6.50	94	166017	38.475	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	124852	38.576	ng	98
12) 1,3-Dichlorobenzene	6.79	146	159931	39.412	ng	98
13) 1,4-Dichlorobenzene	6.86	146	163405	38.894	ng	97
14) 1,2-Dichlorobenzene	7.02	146	152562	38.931	ng	98
15) Benzyl Alcohol	6.99	79	122348	40.821	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	202502	46.030	ng	98
17) 2-Methylphenol	7.10	107	116749	41.488	ng	96
18) Hexachloroethane	7.36	117	54051	40.044	ng	92
19) n-Nitroso-di-n-propylamine	7.26	70	96068	36.760	ng	98
20) 3+4-Methylphenols	7.26	107	147091	40.080	ng	# 71
22) Acetophenone	7.26	105	189020	37.563	ng	# 87
24) Nitrobenzene	7.43	77	138643	40.515	ng	98
25) Isophorone	7.67	82	256093	42.939	ng	99
26) 2-Nitrophenol	7.75	139	79993	42.583	ng	89
27) 2,4-Dimethylphenol	7.79	122	126858	46.682	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	160508	40.042	ng	99
29) 2,4-Dichlorophenol	7.99	162	128063	43.294	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	132558	40.755	ng	98
31) Naphthalene	8.15	128	407387	39.685	ng	99
33) 4-Chloroaniline	8.20	127	69706	16.900	ng	100
34) Hexachlorobutadiene	8.26	225	76617	38.406	ng	98
35) Caprolactam	8.59	113	32531m	35.289	ng	
36) 4-Chloro-3-methylphenol	8.69	107	127324	41.554	ng	98
37) 2-Methylnaphthalene	8.85	142	284169	40.740	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	131200	36.532	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	117388	88.689	ng	99
42) 2,4,6-Trichlorophenol	9.12	196	91334	43.383	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	97930	43.511	nq	# 89
45) 1,1'-Biphenyl	9.31	154	340418	37.584	nq	97
46) 2-Chloronaphthalene	9.33	162	271103	42.146	nq	96
47) 2-Nitroaniline	9.43	65	77356	40.647	nq	98
48) Acenaphthylene	9.75	152	417204	39.467	nq	99
49) Dimethylphthalate	9.61	163	339415	42.572	nq	99
50) 2,6-Dinitrotoluene	9.67	165	69341	41.293	nq	93
51) Acenaphthene	9.92	154	246874	39.002	nq	99
52) 3-Nitroaniline	9.85	138	53497	28.329	nq	94
53) 2,4-Dinitrophenol	9.96	184	6071	11.434	nq	# 15
54) Dibenzofuran	10.09	168	367539	40.292	nq	99
55) 4-Nitrophenol	10.02	139	100288	78.747	nq	95
56) 2,4-Dinitrotoluene	10.08	165	93319	41.466	nq	# 95
57) Fluorene	10.44	166	293079	39.524	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	66345	36.815	nq	# 87
59) Diethylphthalate	10.31	149	306481	38.974	nq	96
60) 4-Chlorophenyl-phenylether	10.43	204	143745	39.261	nq	91
61) 4-Nitroaniline	10.46	138	74300	37.903	nq	95
62) Azobenzene	10.59	77	266961	40.002	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	12346	9.377	nq	77
65) n-Nitrosodiphenylamine	10.55	169	269115	38.860	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	90269	41.082	nq	# 88
67) Hexachlorobenzene	10.99	284	96159	40.833	nq	# 86
68) Atrazine	11.07	200	86525	40.731	nq	97
69) Pentachlorophenol	11.18	266	54089	41.773	nq	99
70) Phenanthrene	11.40	178	428653	39.652	nq	98
71) Anthracene	11.46	178	448678	41.009	nq	98
72) Carbazole	11.61	167	393517	39.366	nq	99
73) Di-n-butylphthalate	11.93	149	484202	38.645	nq	98
74) Fluoranthene	12.59	202	462378	38.586	nq	94
76) Benzidine	12.71	184	61485	12.407	nq	99
77) Pyrene	12.82	202	471282	44.817	nq	98
79) Butylbenzylphthalate	13.43	149	203139	43.815	nq	95
80) Benzo(a)anthracene	14.01	228	395003	41.052	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	73041	21.919	nq	# 98
82) Chrysene	14.04	228	366500	41.014	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	279218	42.238	nq	98
84) Di-n-octyl phthalate	14.60	149	413580	37.576	nq	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	303845	38.246	nq	# 92
87) Benzo(b)fluoranthene	15.06	252	298693	43.761	nq	96
88) Benzo(k)fluoranthene	15.09	252	265178	39.434	nq	# 97
89) Benzo(a)pyrene	15.43	252	264585	42.639	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	250474	45.786	nq	# 92
91) Benzo(g,h,i)perylene	17.42	276	265330	51.466	nq	# 90

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

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Sample : PB104630BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

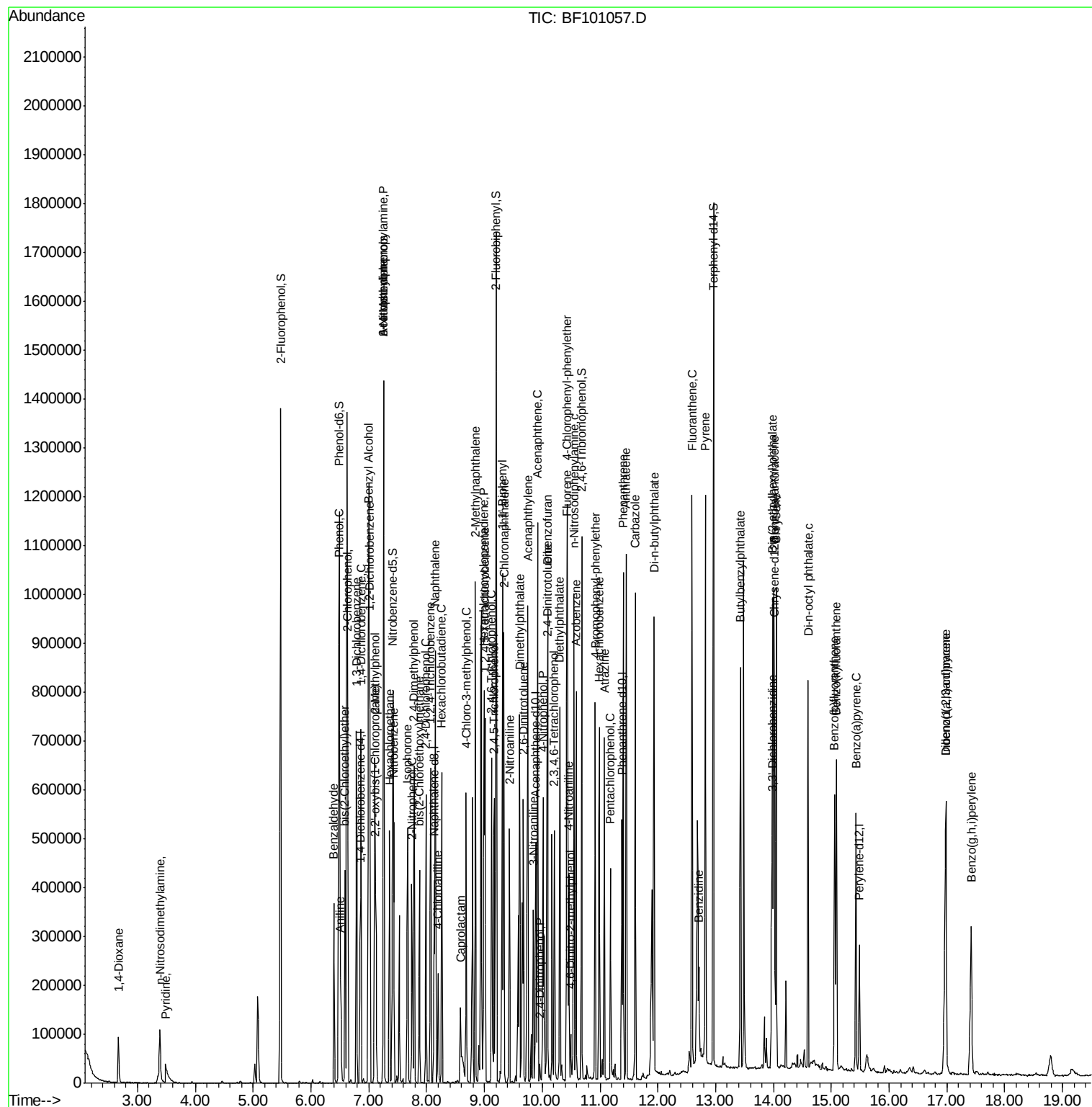
Instrument :
BNA_F
ClientSampleId :
PB104630BS

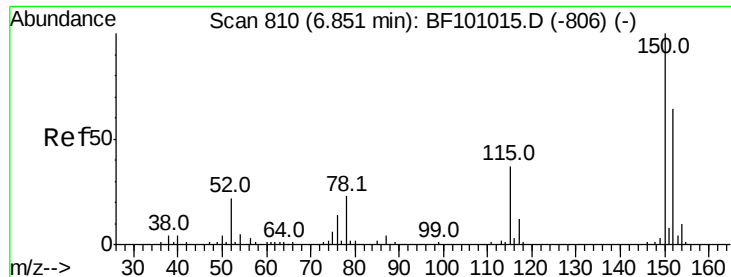
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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

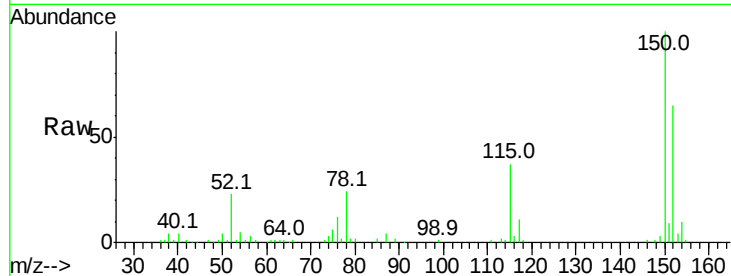
Instrument :
BNA_F
ClientSampled :
PB104630BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.6	186.8
115	56.8	50.1	75.1

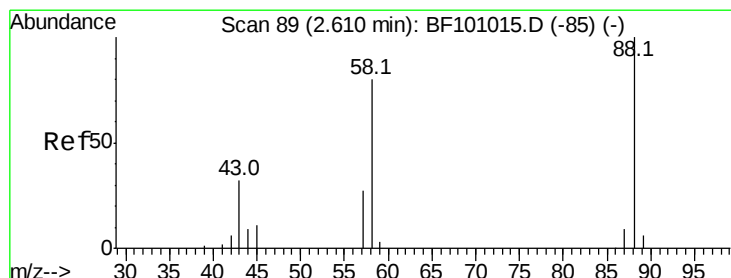
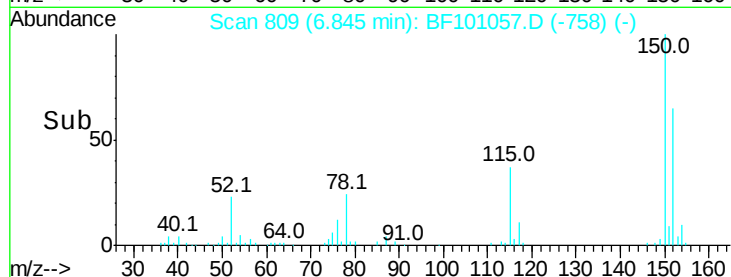
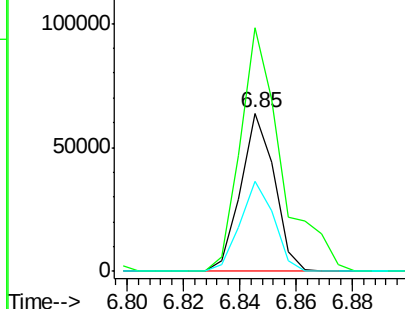
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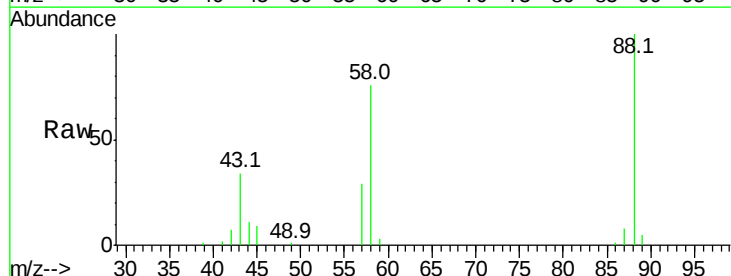
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



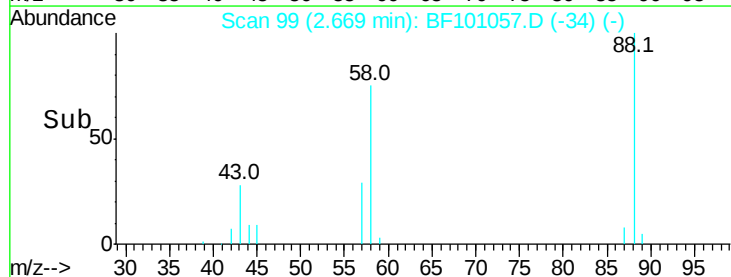
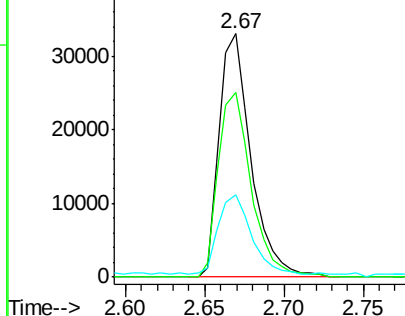
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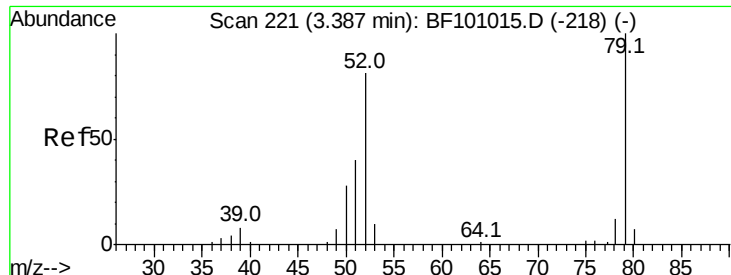
1,4-Dioxane
Concen: 34.945 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.08 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	62.6	93.8
43	39.3	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3
 Pvridine
 Concen: 10.194 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.12 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

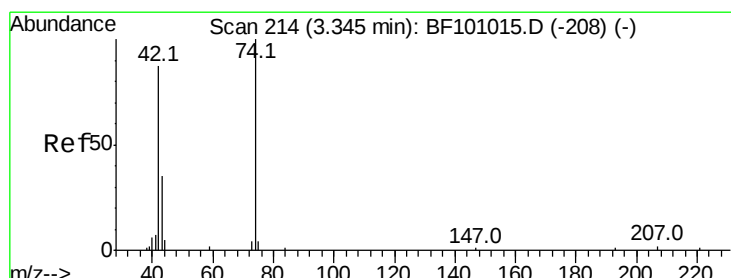
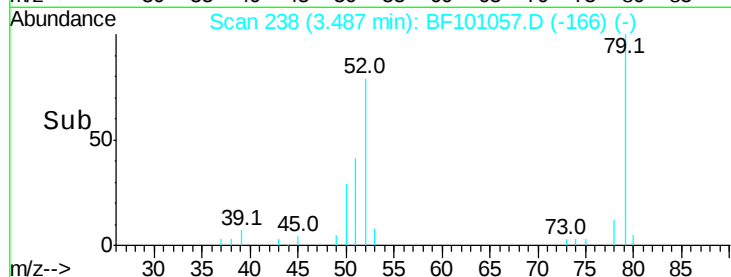
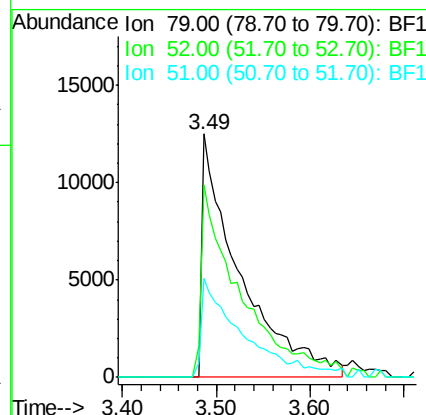
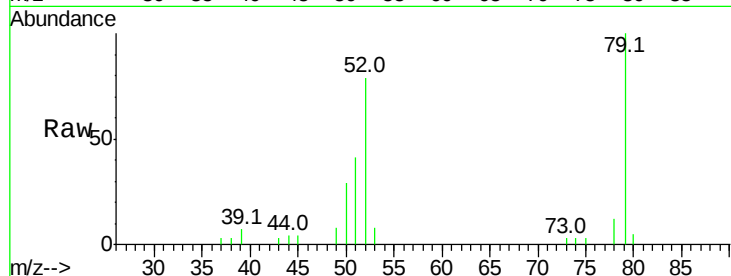
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.0	59.8	89.6
51	40.6	29.8	44.8

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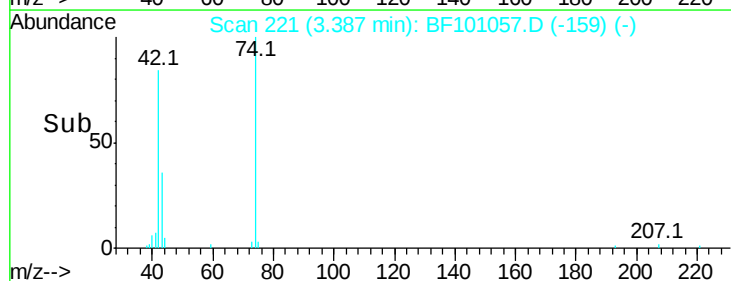
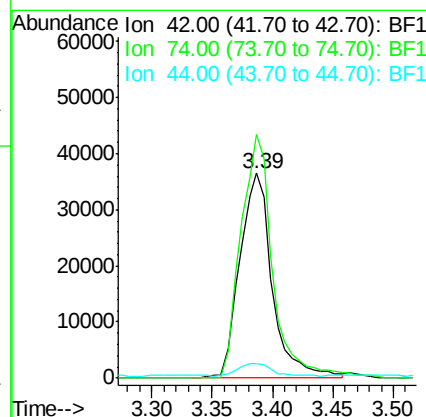
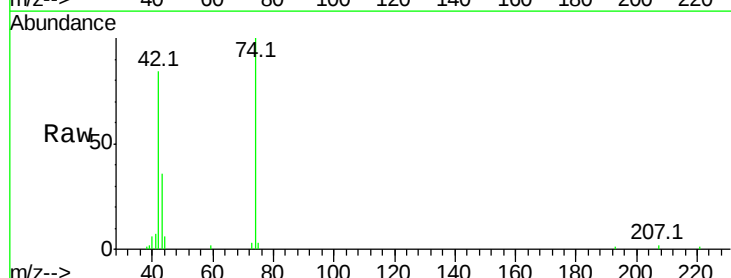
Sohil

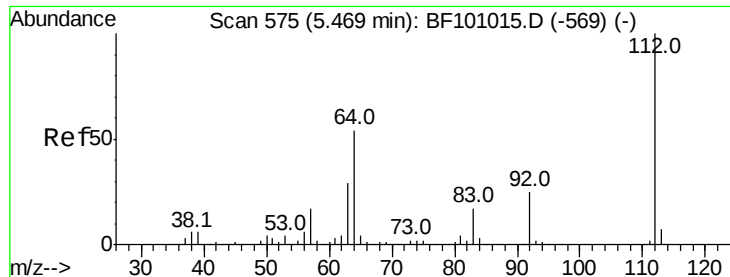
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#4
 n-Nitrosodimethylamine
 Concen: 40.921 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.07 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.8	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 118.918 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampled :

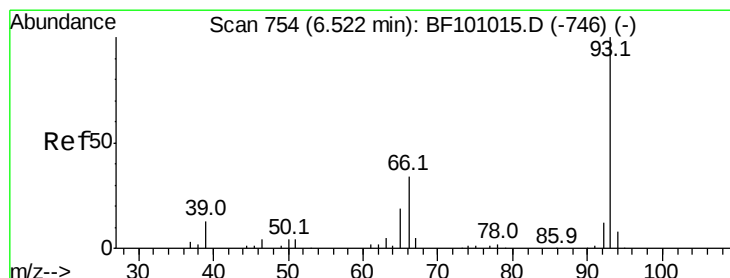
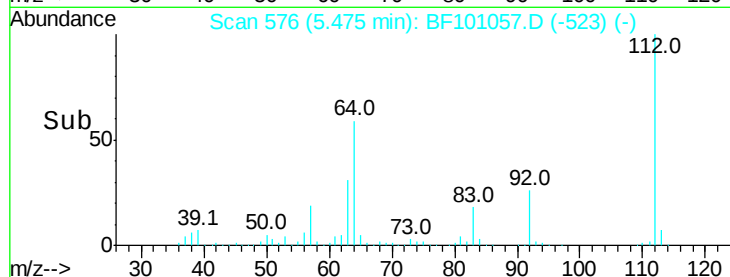
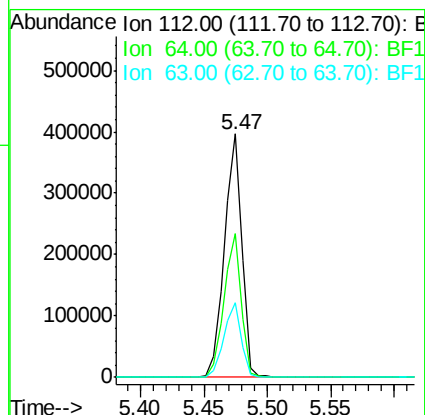
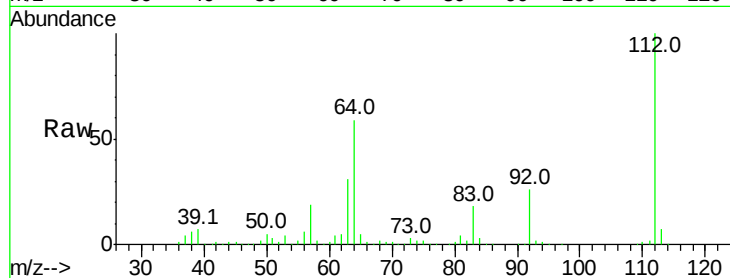
PB104630BS

Tot Ion:	112	Resp:	380091
Ion Ratio	Lower	Upper	
112	100		
64	59.1	47.9	71.9
63	30.8	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 19.902 ng

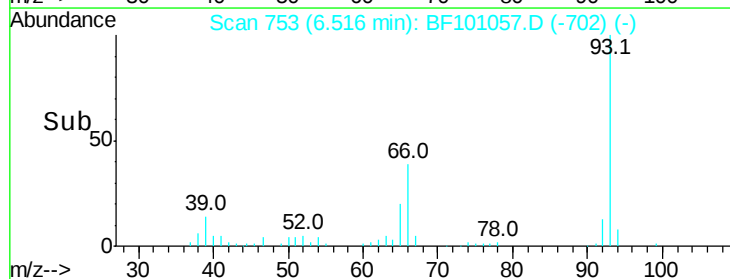
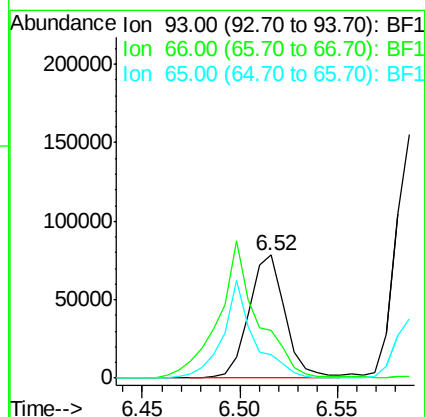
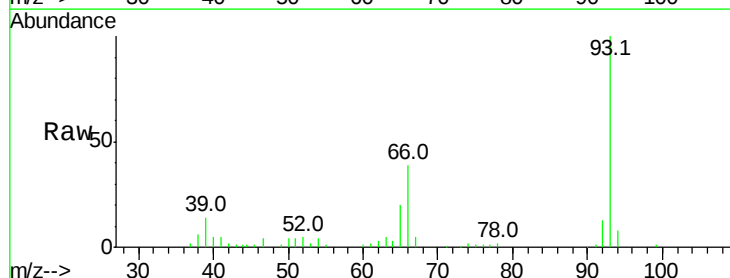
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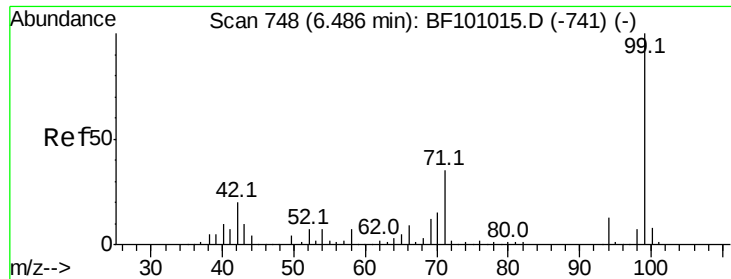
Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Tgt Ion:	93	Resp:	100430
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.2	48.2
65	19.6	16.4	24.6





#7

Phenol-d6

Concen: 118.789 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

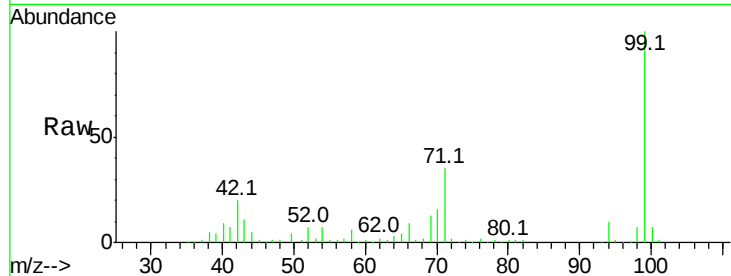
PB104630BS

Tot Ion:	99	Resp:	460966
Ion Ratio	Lower	Upper	
99	100		
42	20.3	14.5	21.7
71	35.2	25.4	38.0

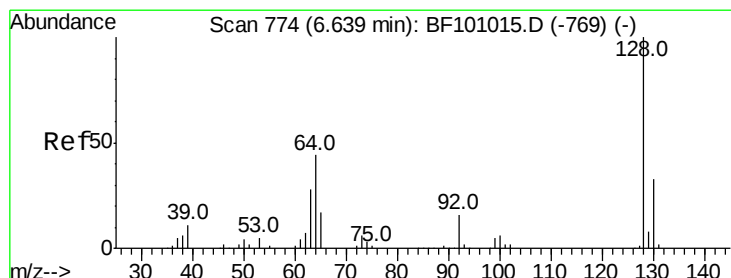
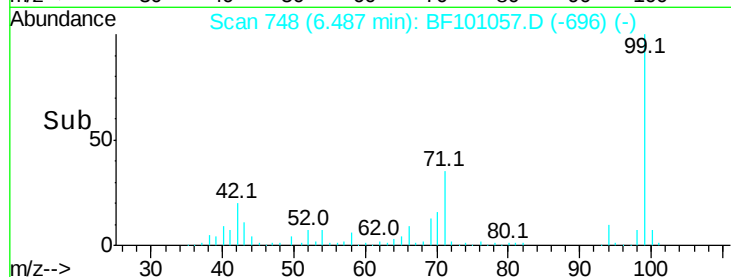
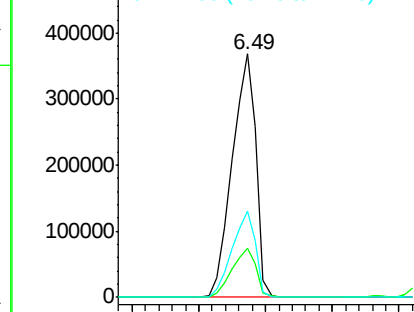
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.898 ng

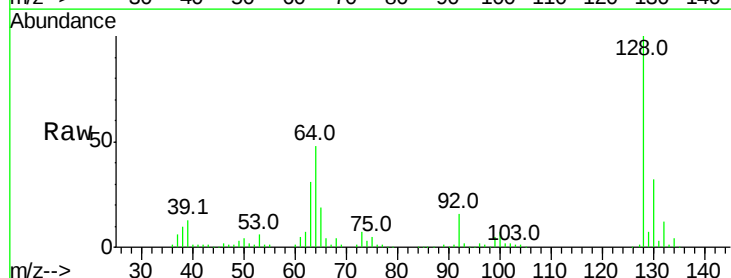
RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

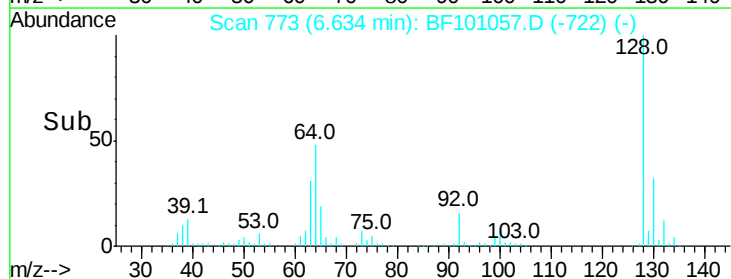
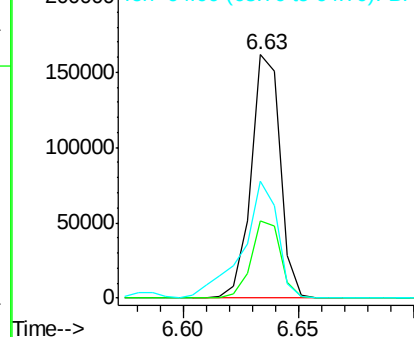
Lab File: BF101057.D

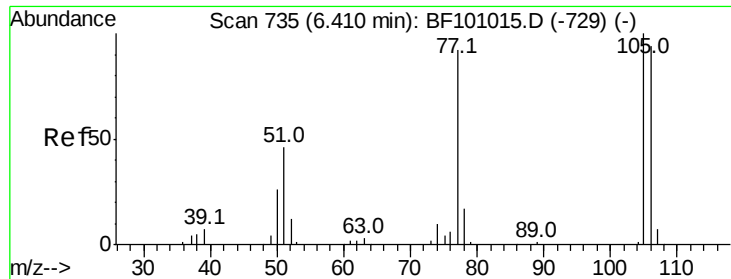
Acq: 1 Dec 2017 12:36

Tgt Ion:	128	Resp:	142528
Ion Ratio	Lower	Upper	
128	100		
130	31.7	13.0	53.0
64	47.8	29.4	69.4



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): BF1





#9

Benzaldehyde

Concen: 26.762 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampled :

PB104630BS

Tot Ion: 77 Resp: 63562

Ion Ratio Lower Upper

77 100

105 104.4 81.1 121.1

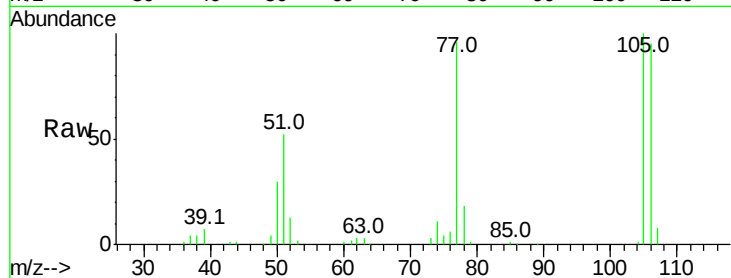
106 99.5 74.5 114.5

Manual Integrations

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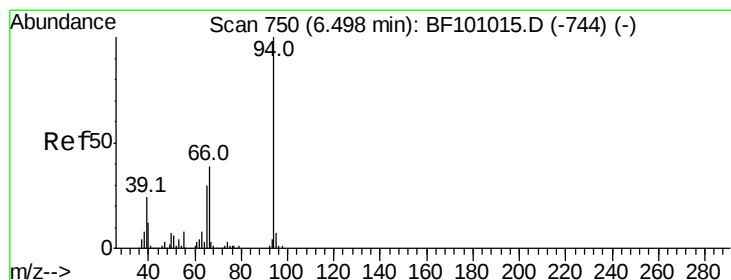
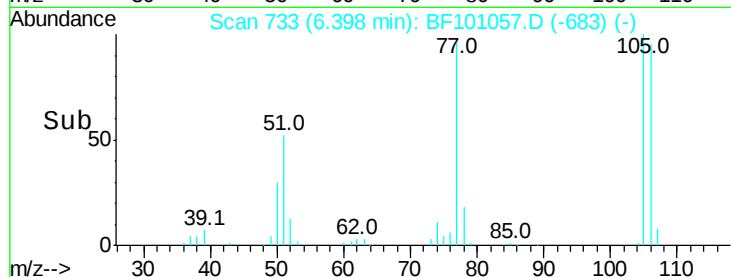
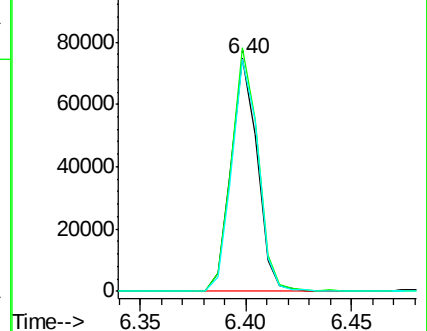
12/4/2017 11:56:24 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.475 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

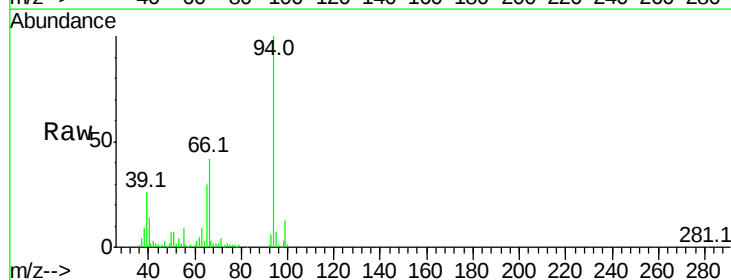
Tgt Ion: 94 Resp: 166017

Ion Ratio Lower Upper

94 100

65 30.0 7.9 47.9

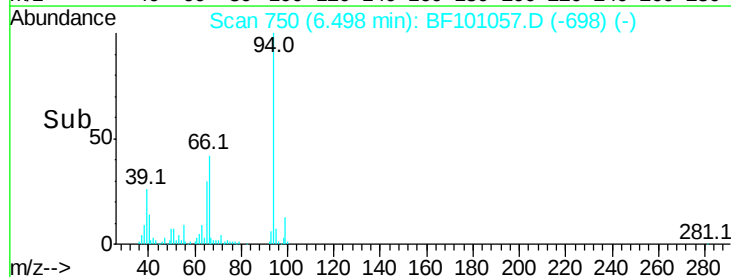
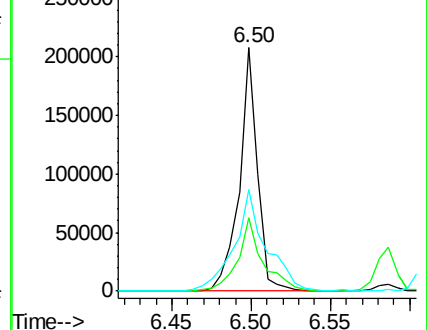
66 41.9 16.2 56.2

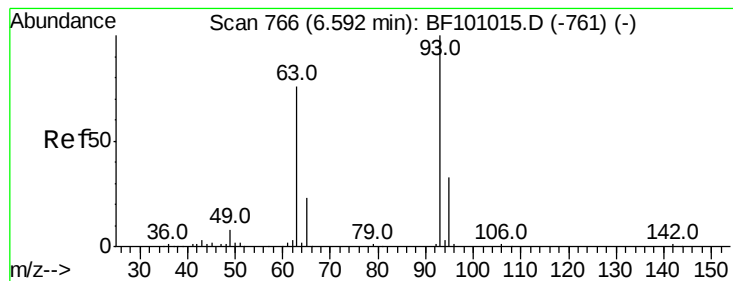


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11
bis(2-Chloroethyl)ether
Concen: 38.576 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

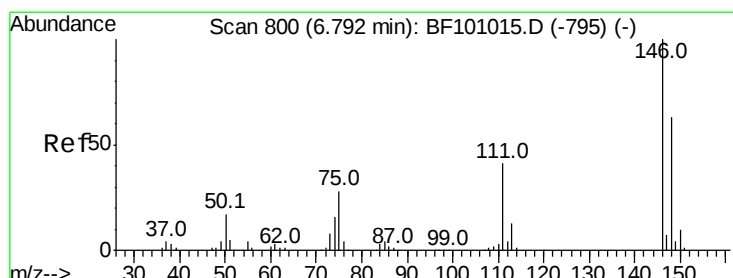
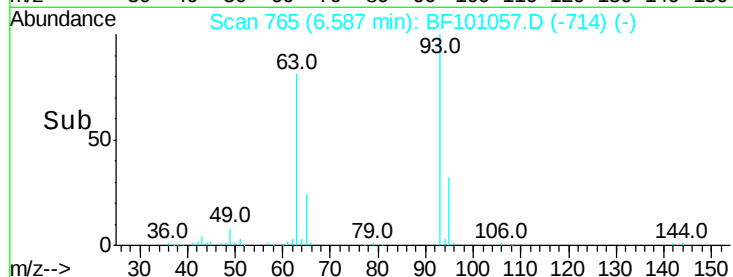
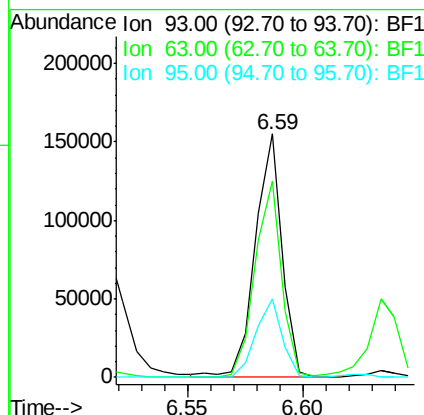
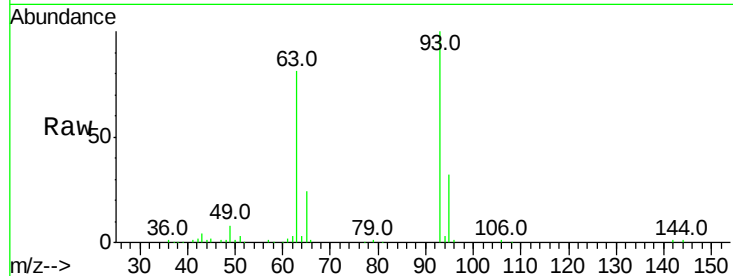
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	93	Resp	124852
Ion Ratio	100	Lower	Upper
93	100		
63	80.6	58.6	98.6
95	32.4	11.8	51.8

Manual Integrations
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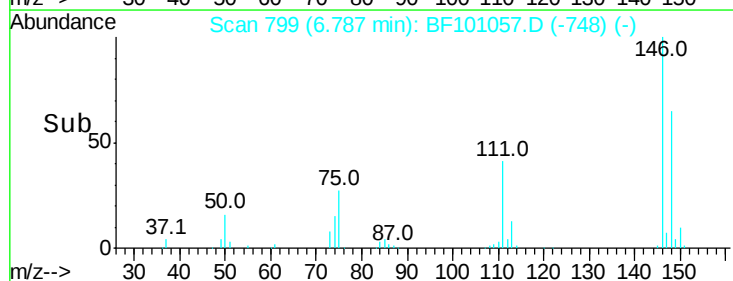
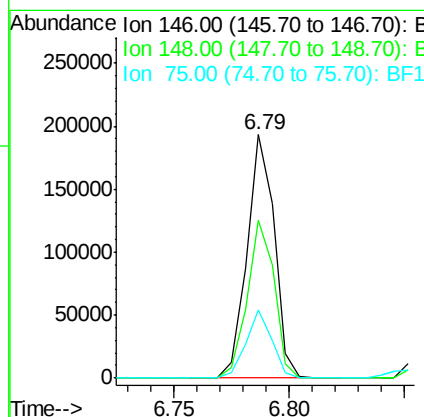
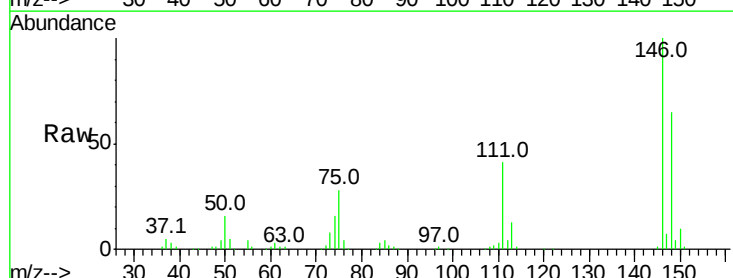
Sohil

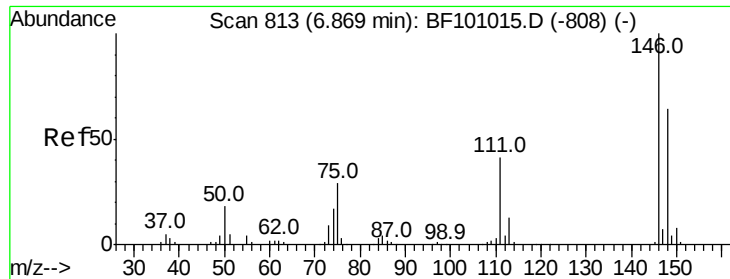
12/4/2017 11:56:24 AM



#12
1,3-Dichlorobenzene
Concen: 39.412 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	146	Resp	159931
Ion Ratio	100	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	27.8	24.2	36.4





#13
 1,4-Dichlorobenzene
 Concen: 38.894 ng
 RT: 6.86 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

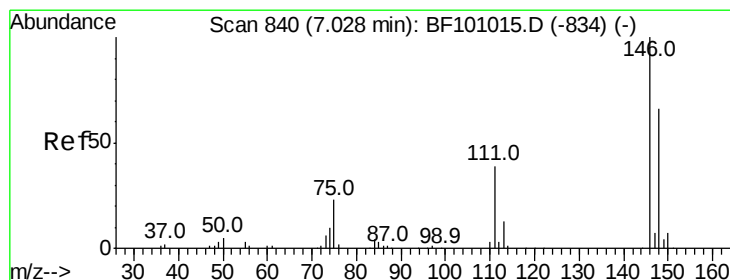
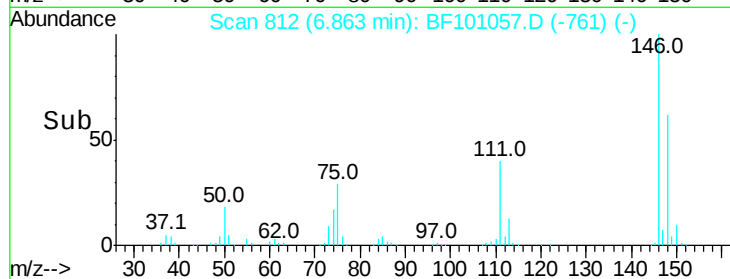
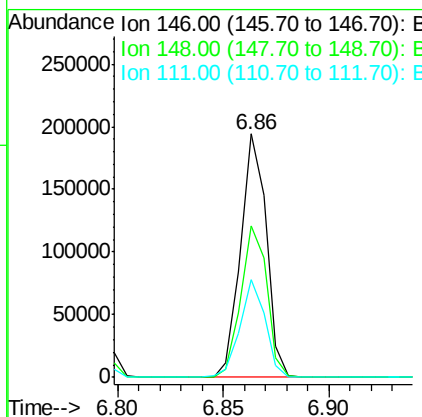
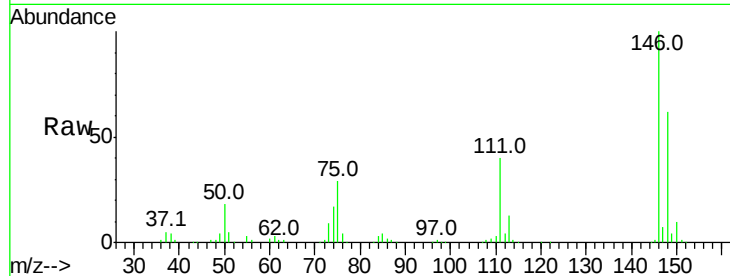
Instrument :
 BNA_F
 ClientSampled :
 PB104630BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.8	76.2
111	39.9	34.2	51.2

Manual Integrations
 APPROVED

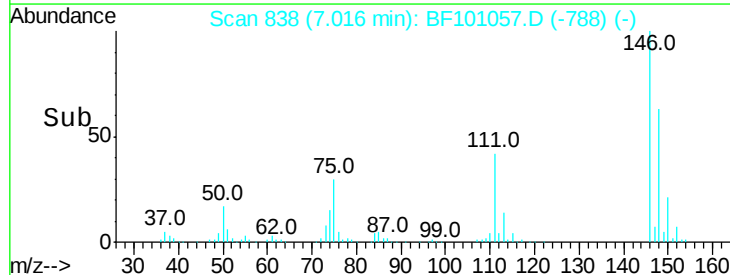
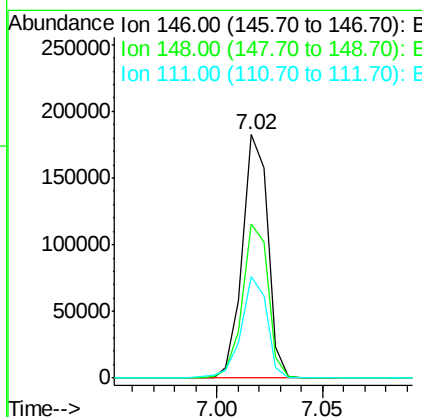
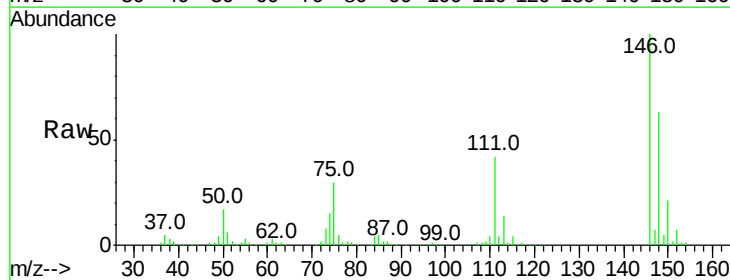
Sohil

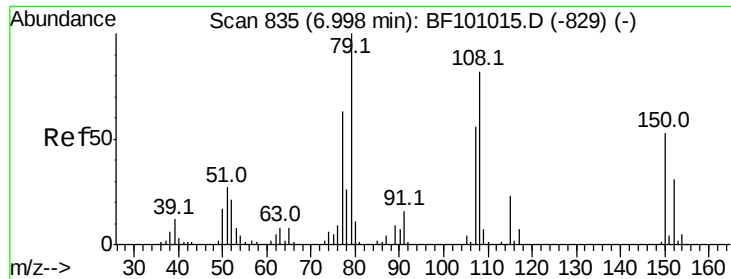
12/4/2017 11:56:24 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.931 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.6	75.8
111	41.8	36.0	54.0





#15
Benzyl Alcohol
Concen: 40.821 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

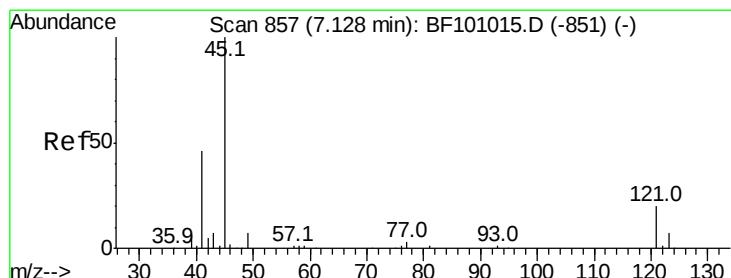
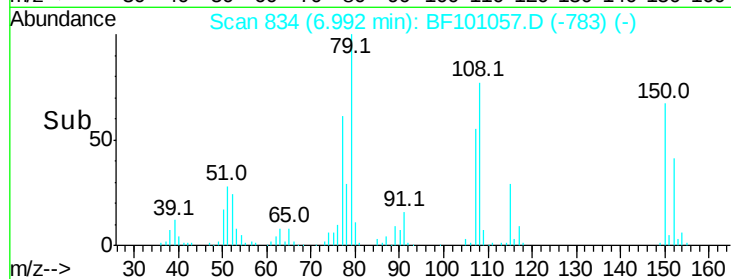
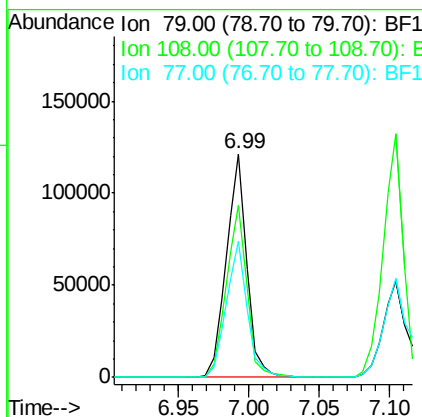
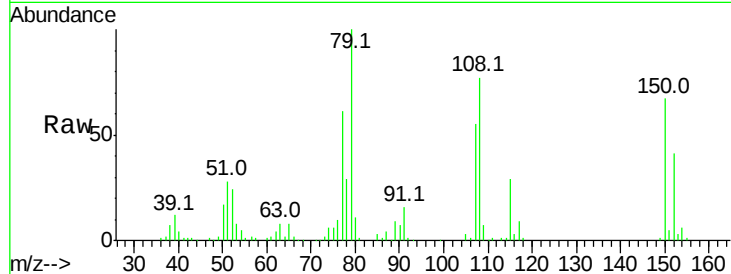
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	65.1	97.7
77	60.8	50.6	75.8

Manual Integrations
APPROVED

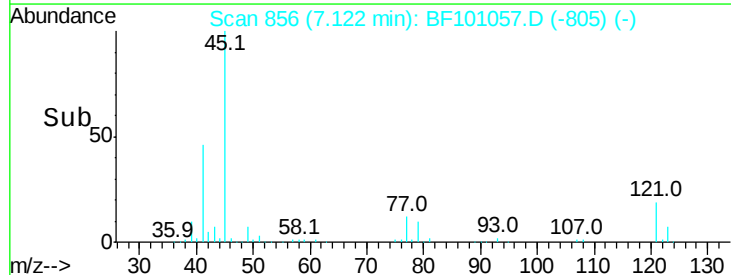
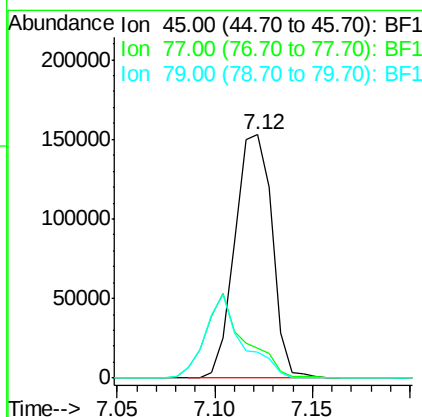
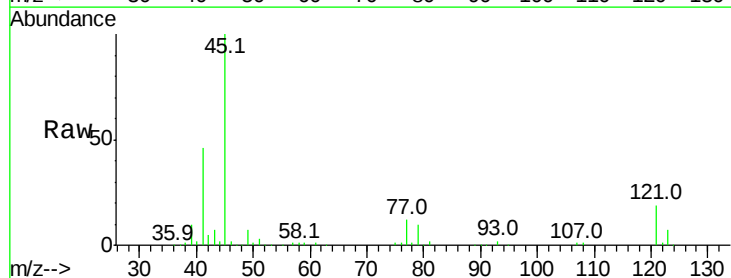
Sohil

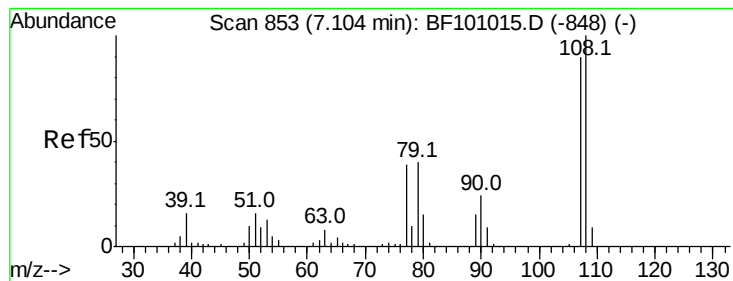
12/4/2017 11:56:24 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.030 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	32.9
79	10.5	0.0	29.6





#17
2-Methylphenol
Concen: 41.488 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

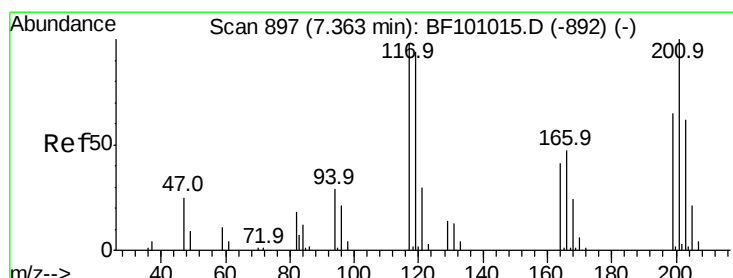
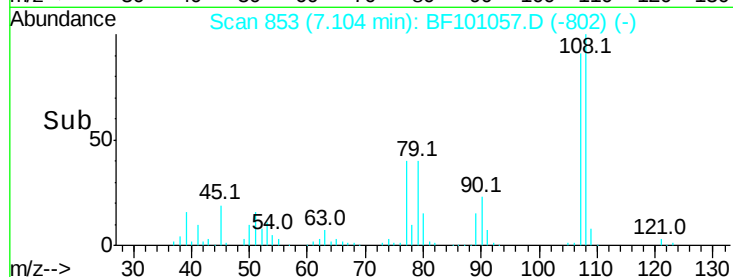
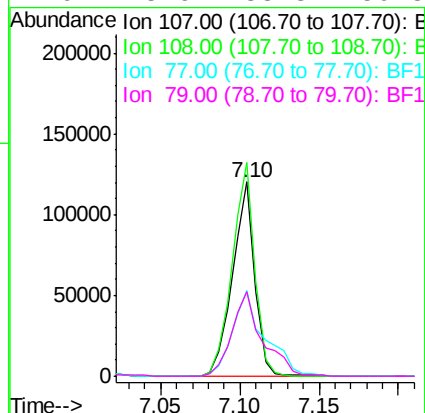
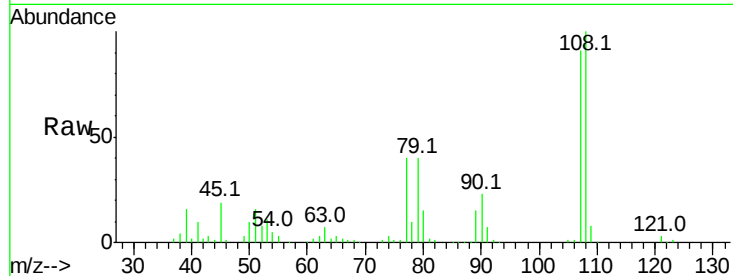
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	116749		
108	110.1	91.7	137.5	
77	44.5	33.8	50.8	
79	43.6	33.8	50.8	

Manual Integrations
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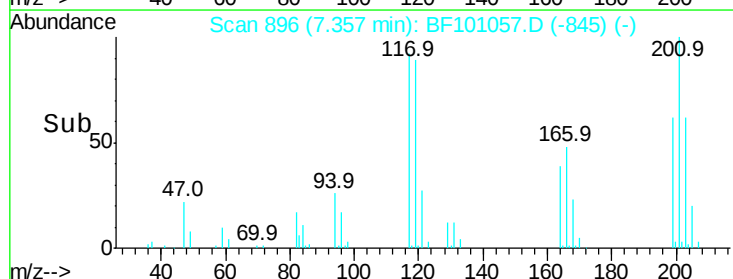
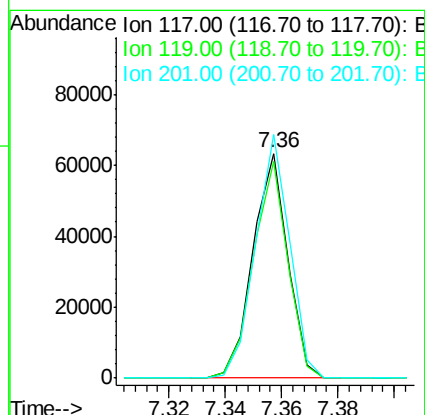
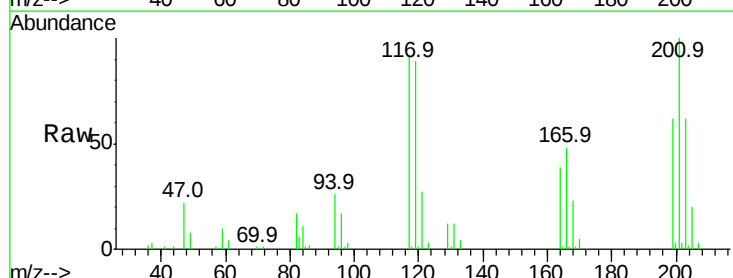
Sohil

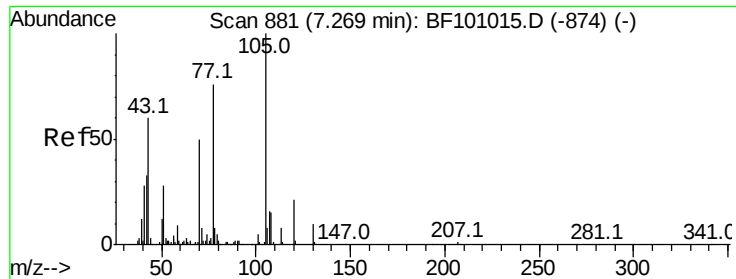
12/4/2017 11:56:24 AM



#18
Hexachloroethane
Concen: 40.044 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54051		
119	96.4	75.8	113.8	
201	108.2	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 36.760 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

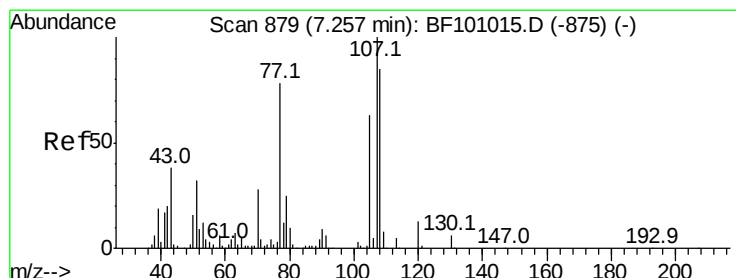
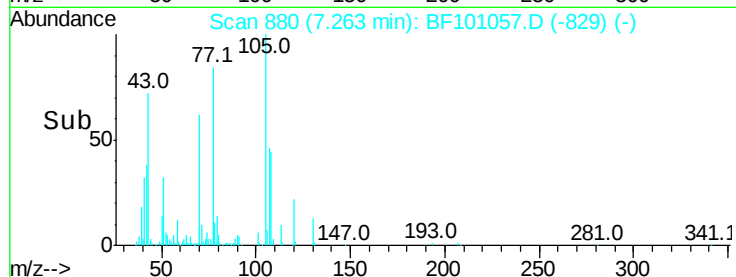
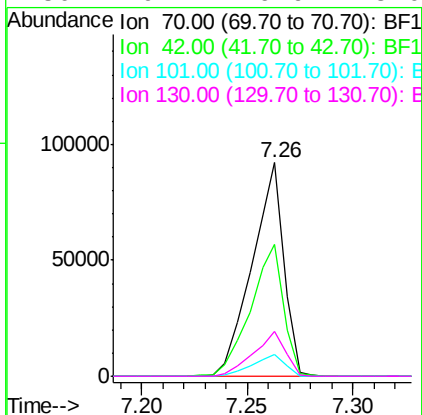
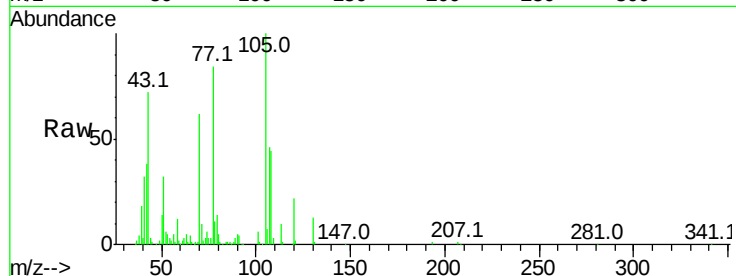
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.7	47.5	71.3
101	10.0	7.4	11.2
130	20.7	16.6	25.0

Manual Integrations
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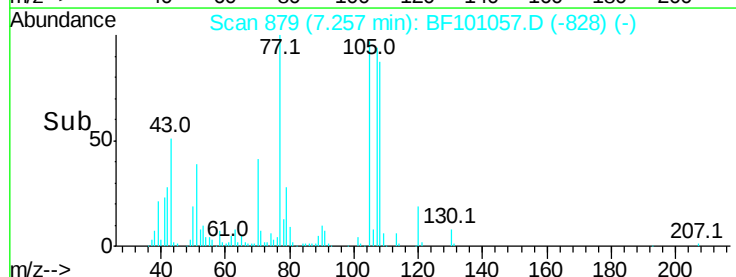
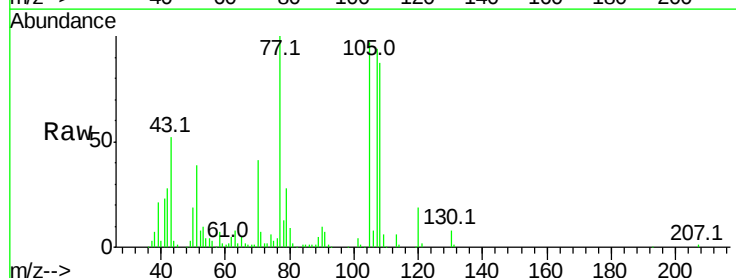
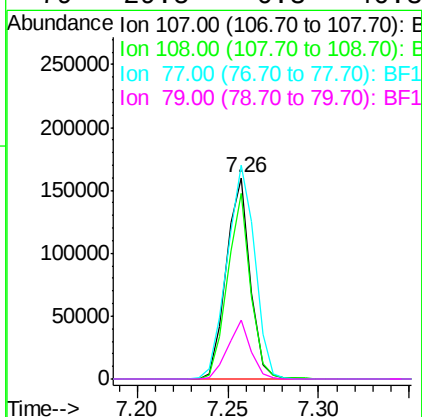
Sohil

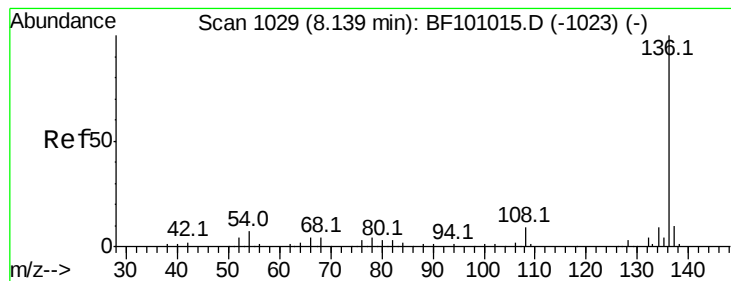
12/4/2017 11:56:24 AM



#20
3+4-Methylphenols
Concen: 40.080 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	68.2	108.2
77	105.9	26.7	66.7#
79	29.5	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

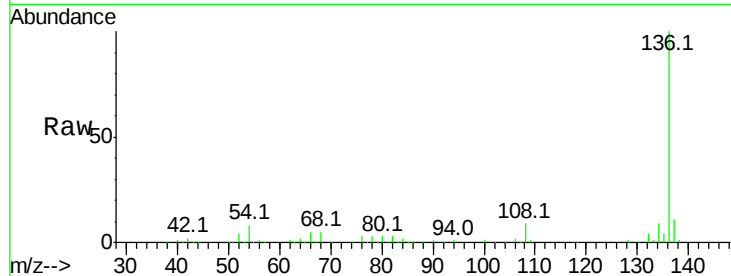
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	208286		
137	10.9		8.9	13.3
54	8.1		6.6	9.8
68	5.1		5.0	7.4

Manual Integrations
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Sohil

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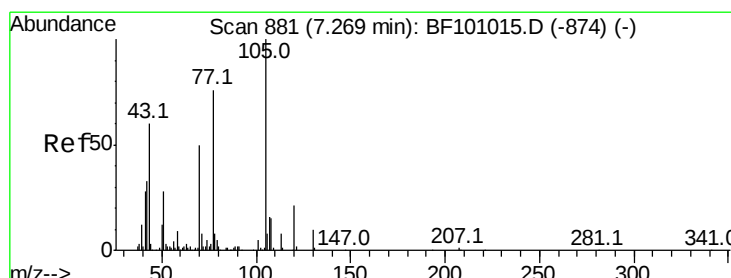
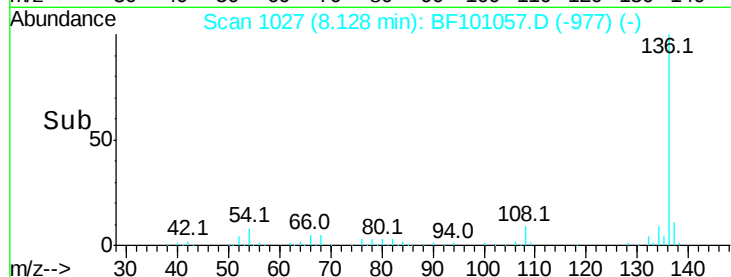
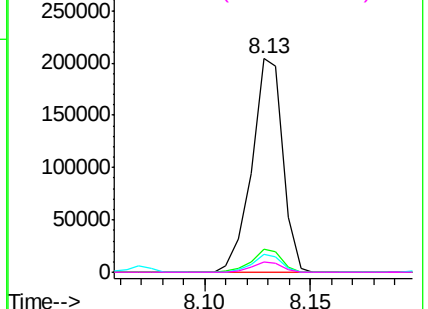
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.563 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189020		
71	6.9		4.4	6.6#
51	40.2		22.3	33.5#
120	20.0		16.9	25.3

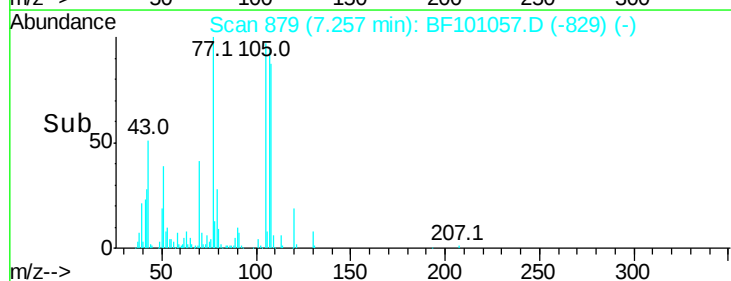
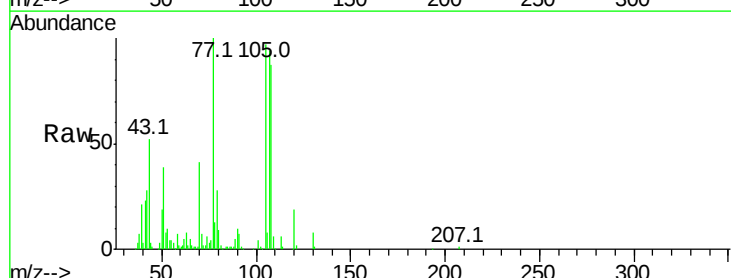
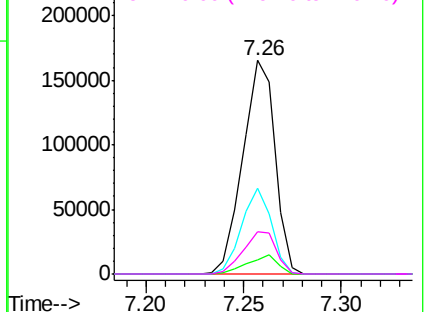
Abundance

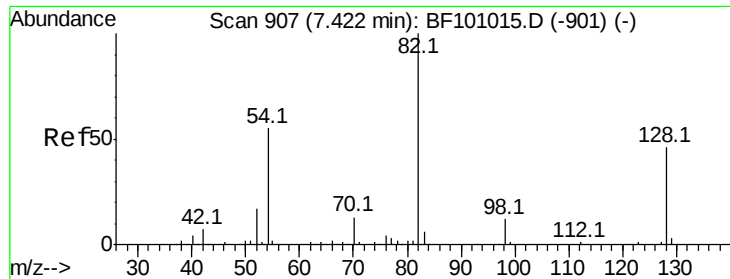
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23
 Nitrobenzene-d5
 Concen: 81.632 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

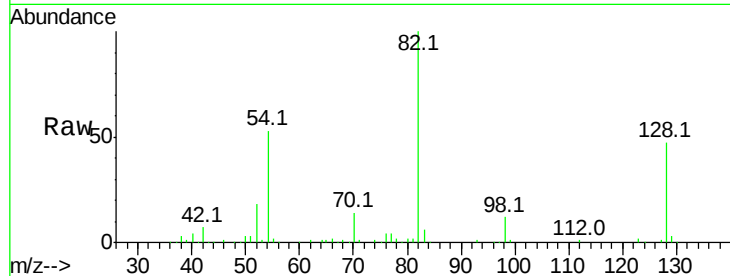
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	52.8	41.4	62.2

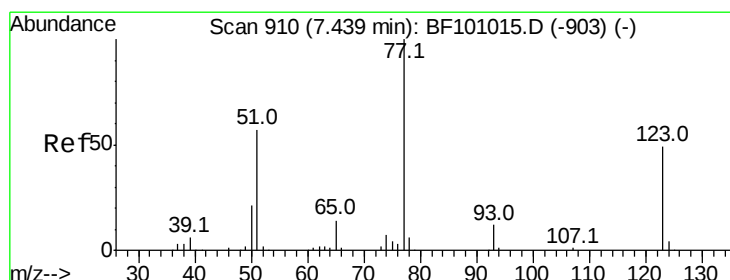
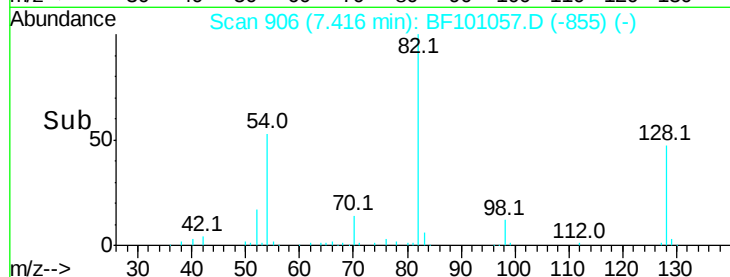
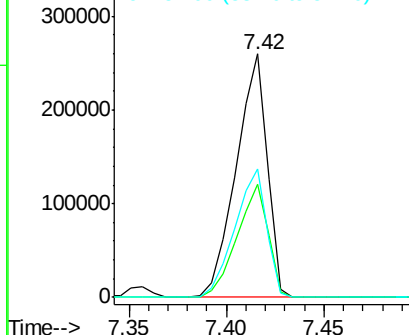
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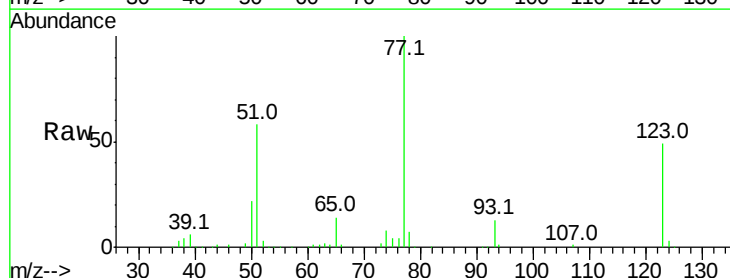


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

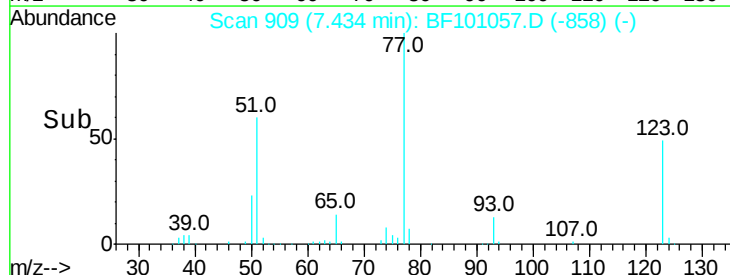
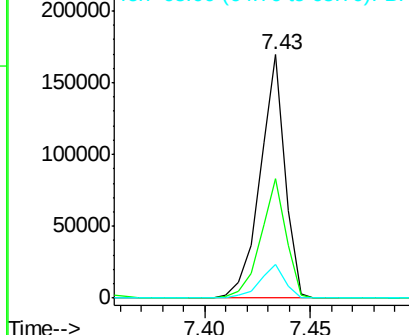


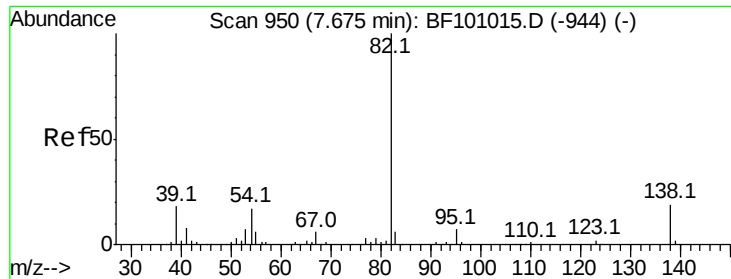
#24
 Nitrobenzene
 Concen: 40.515 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.9	56.9
65	13.8	11.0	16.4



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





#25

Isophorone

Concen: 42.939 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

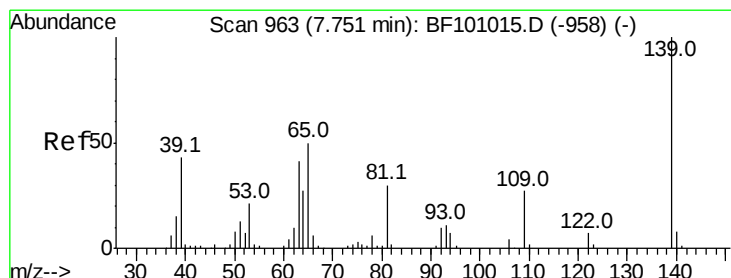
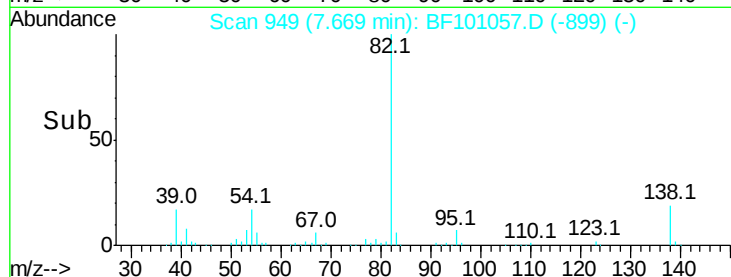
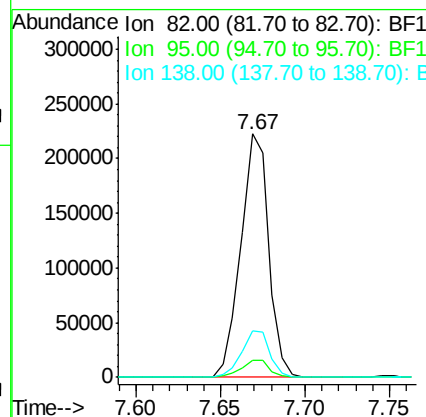
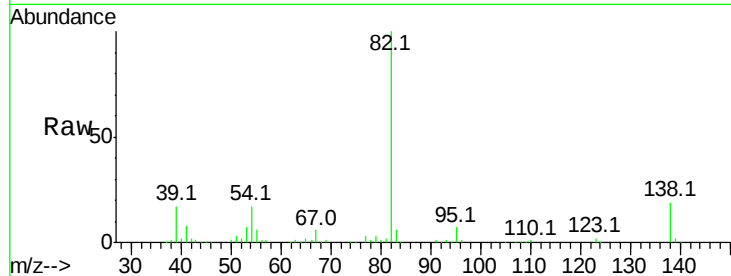
PB104630BS

Tot Ion:	82	Resp:	256093
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	19.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 42.583 ng

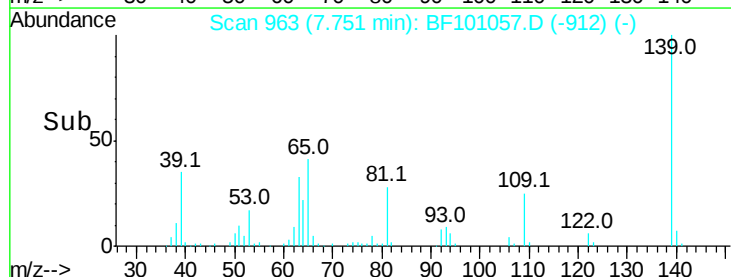
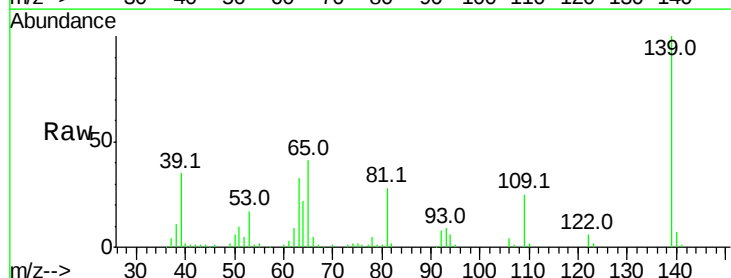
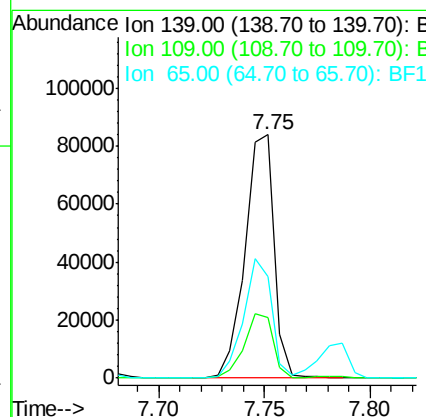
RT: 7.75 min Scan# 963

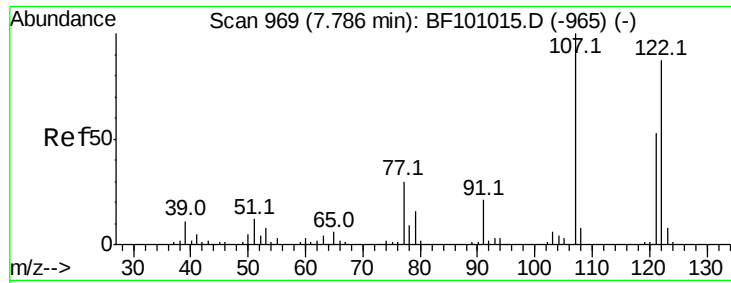
Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Tgt Ion:	139	Resp:	79993
Ion Ratio	Lower	Upper	
139	100		
109	24.7	22.7	34.1
65	41.5	40.5	60.7





#27
 2,4-Dimethylphenol
 Concen: 46.682 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

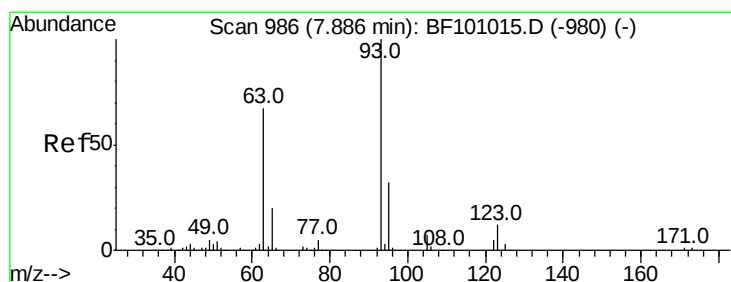
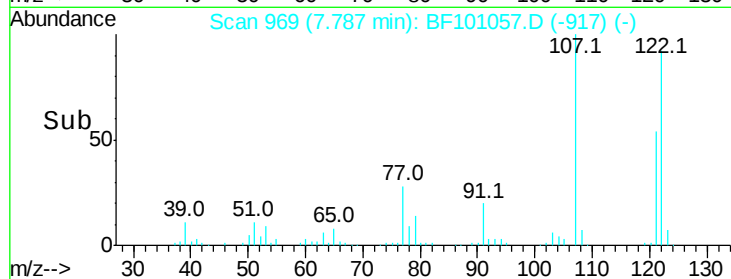
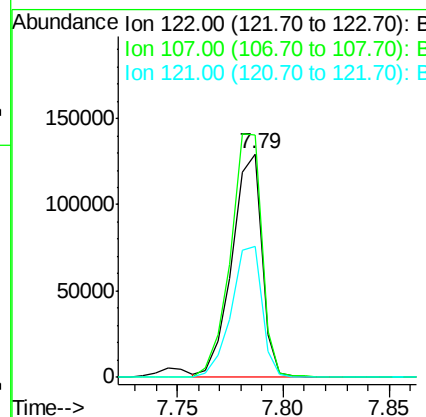
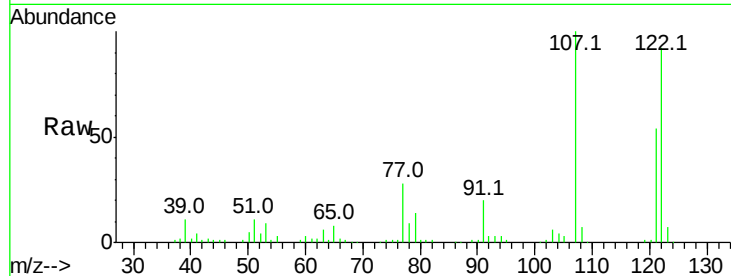
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	126858		
107	108.4	91.2	136.8	
121	58.8	47.2	70.8	

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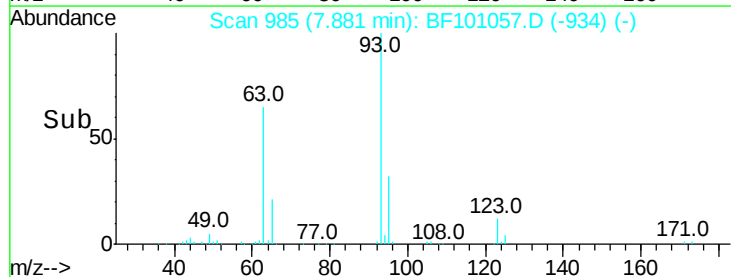
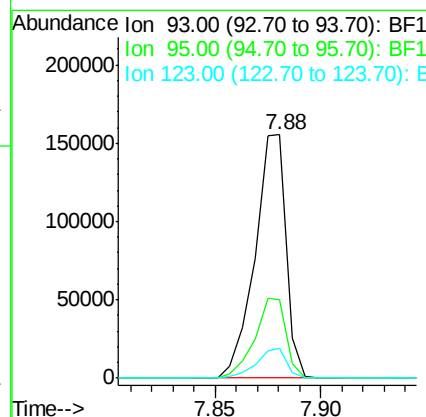
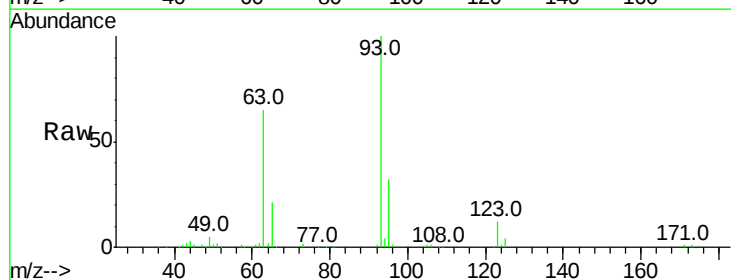
Sohil

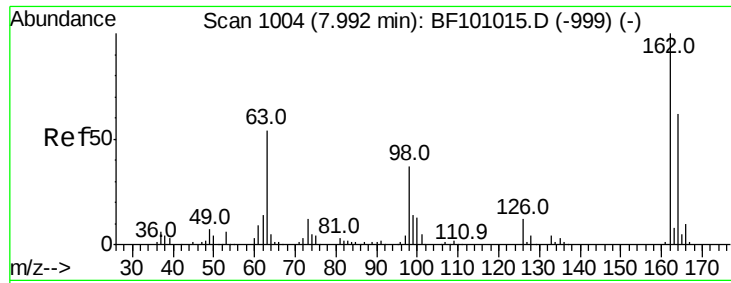
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.042 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	160508		
95	32.4	26.3	39.5	
123	12.0	9.8	14.6	





#29
2,4-Dichlorophenol
Concen: 43.294 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

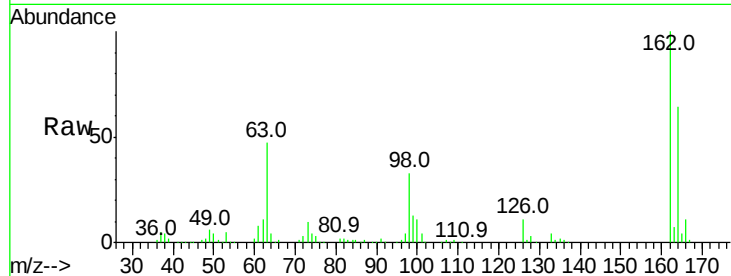
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.0	42.7	82.7
98	32.8	18.1	58.1

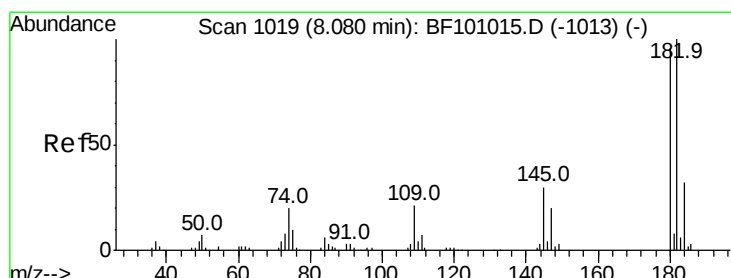
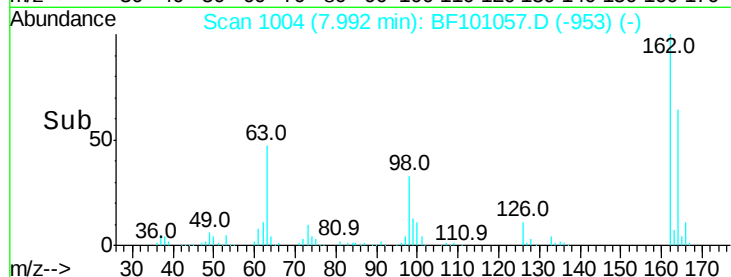
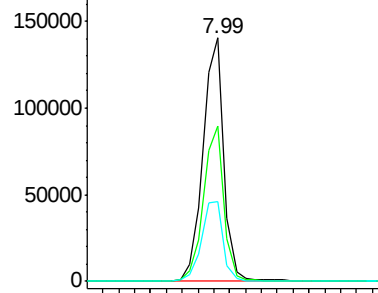
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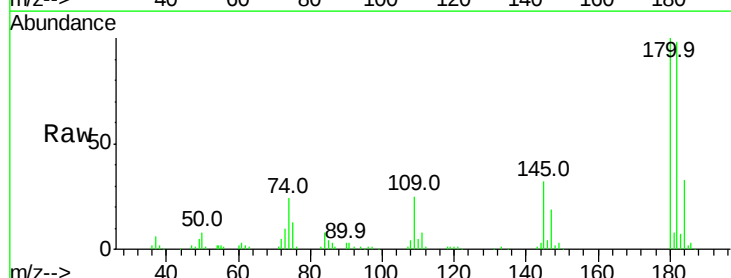


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

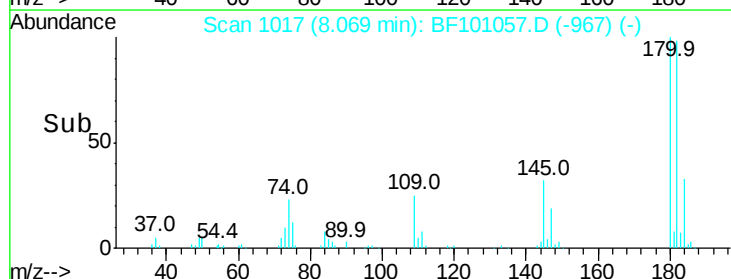
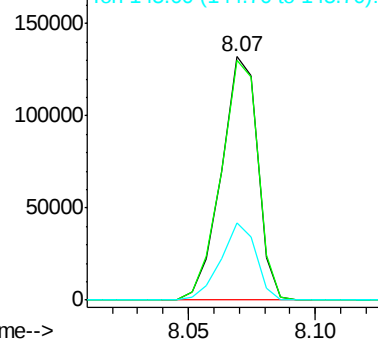


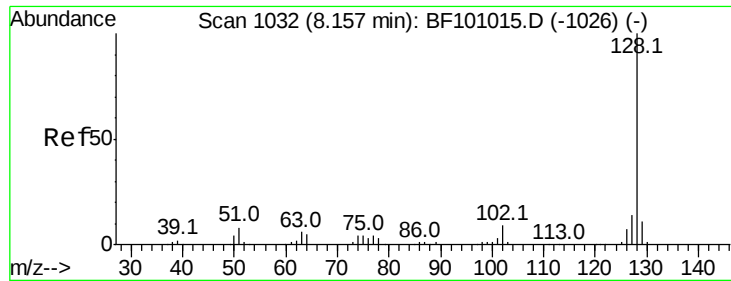
#30
1,2,4-Trichlorobenzene
Concen: 40.755 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.3	76.8	115.2
145	31.7	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.685 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

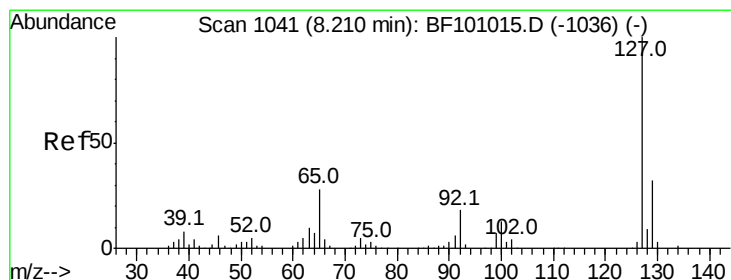
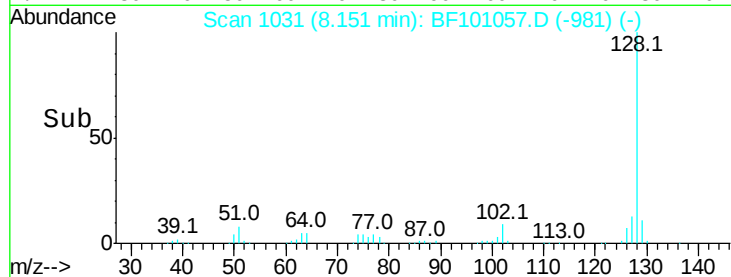
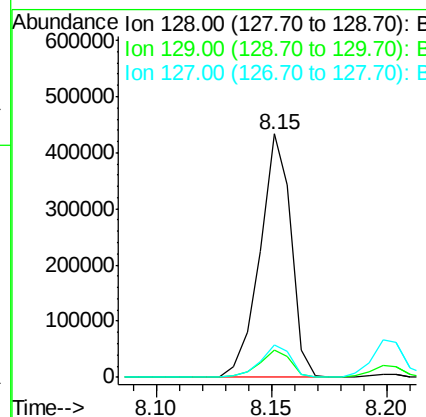
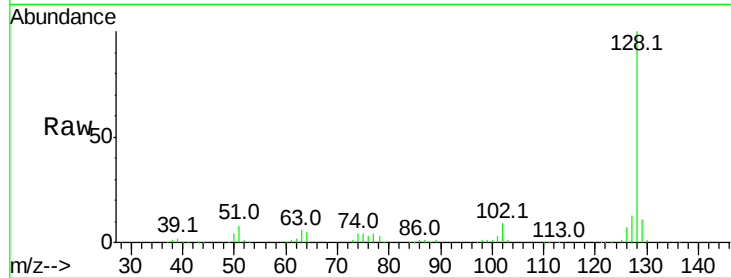
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Tot Ion:128	Resp:	407387
Ion Ratio	Lower	Upper
128	100	
129	11.4	8.8 13.2
127	13.2	10.9 16.3

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#33

4-Chloroaniline

Concen: 16.900 ng

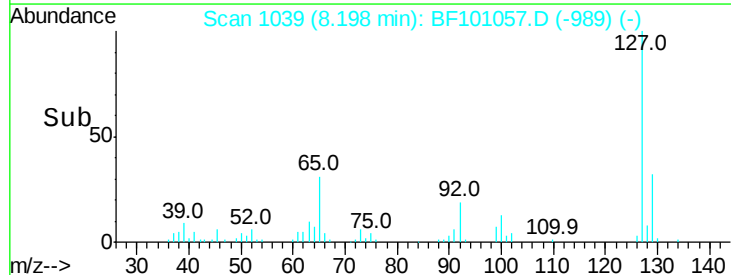
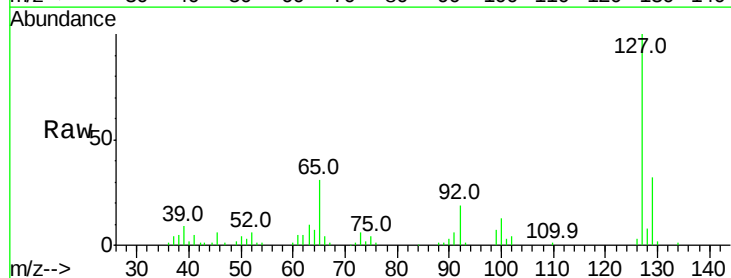
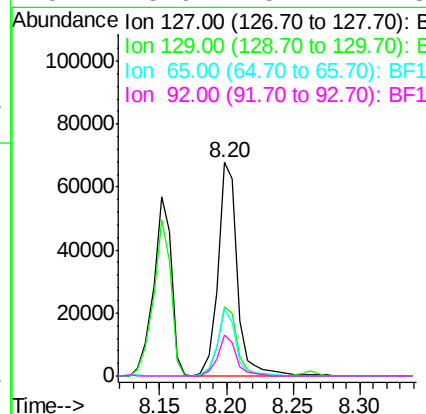
RT: 8.20 min Scan# 1039

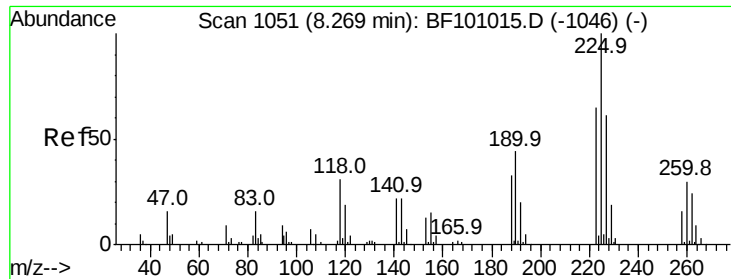
Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Tgt Ion:127	Resp:	69706
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.9 38.9
65	30.9	25.0 37.4
92	18.9	15.2 22.8





#34
Hexachlorobutadiene
Concen: 38.406 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

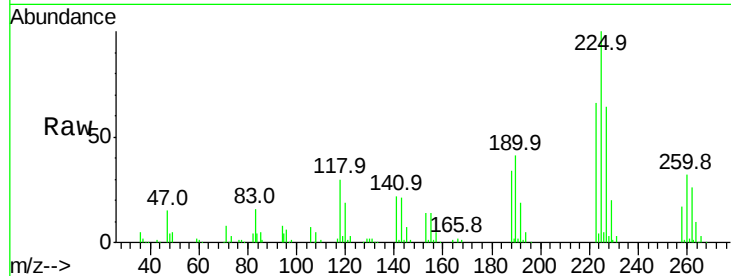
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:	225	Resp:	76617
Ion Ratio	Lower	Upper	
225	100		
223	66.2	50.6	76.0
227	64.2	51.9	77.9

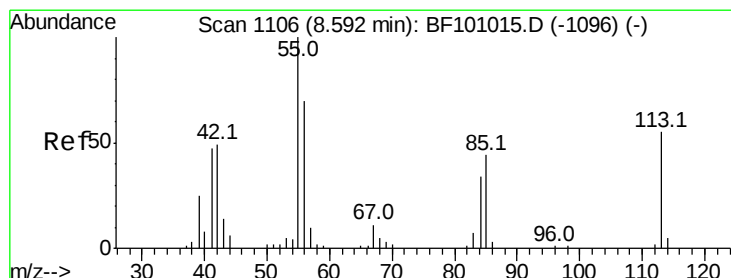
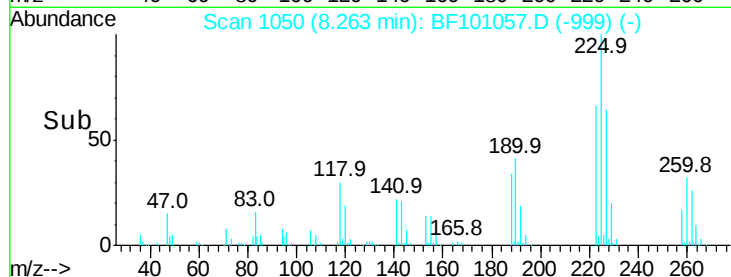
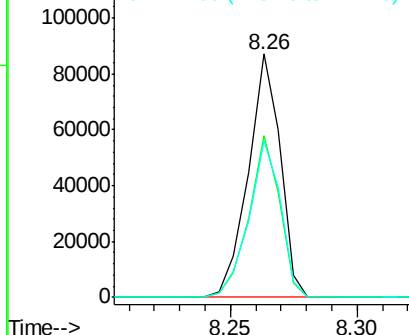
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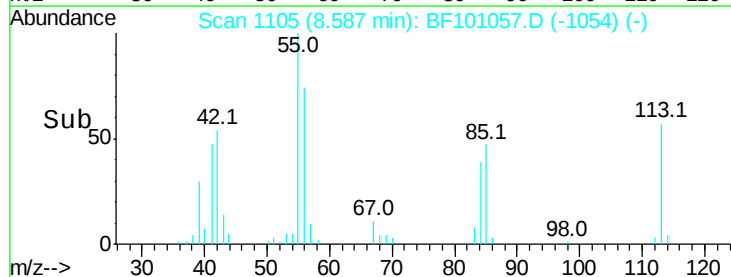
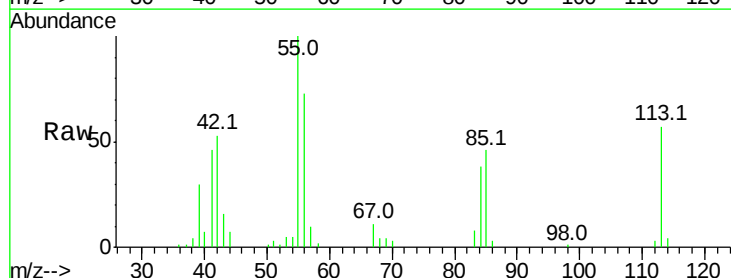
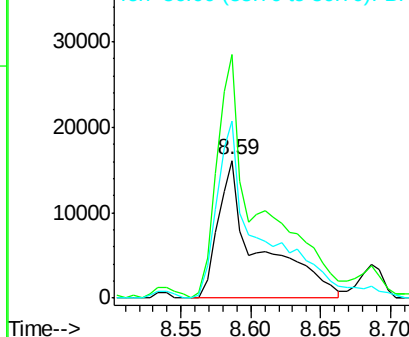
Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

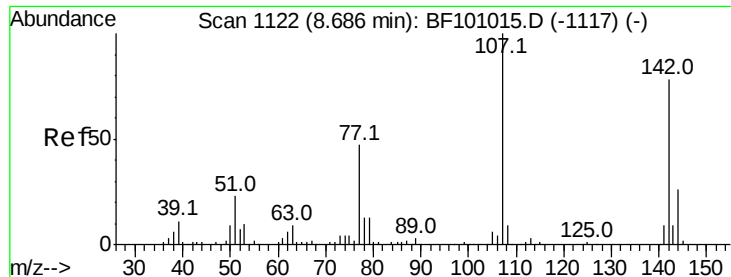


#35
Caprolactam
Concen: 35.289 ng m
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:	113	Resp:	32531
Ion Ratio	Lower	Upper	
113	100		
55	176.6	163.3	203.3
56	128.7	115.7	155.7

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





#36
 4-Chloro-3-methylphenol
 Concen: 41.554 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

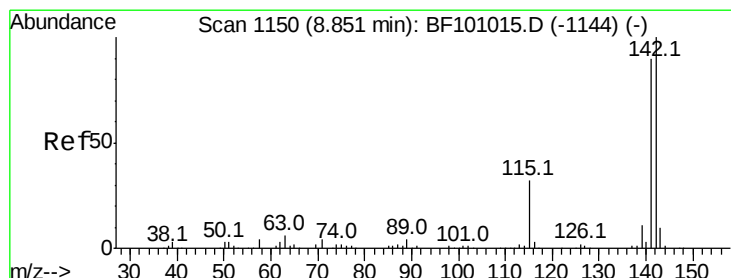
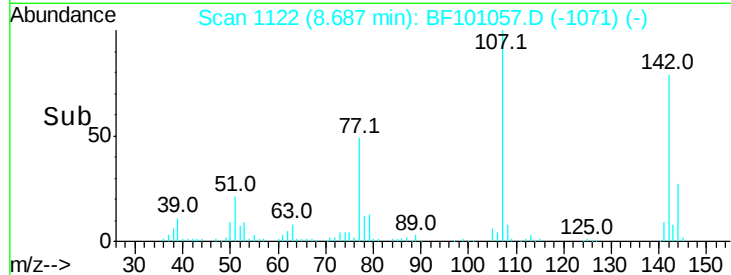
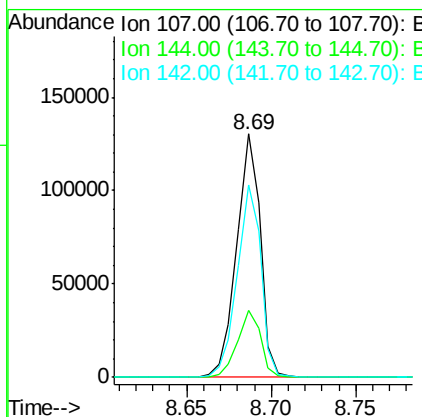
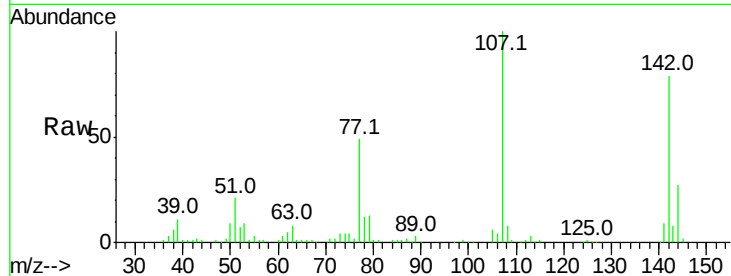
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion:	107	Resp:	127324
Ion Ratio	Lower	Upper	
107	100		
144	27.3	20.5	30.7
142	78.8	62.0	93.0

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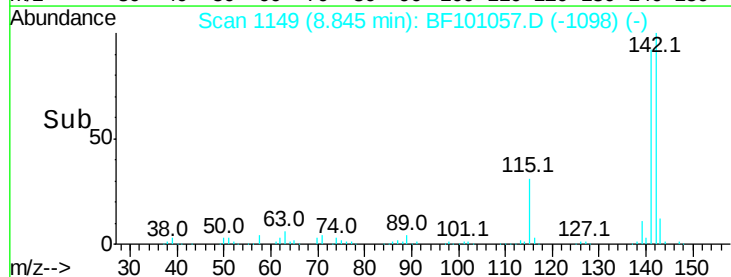
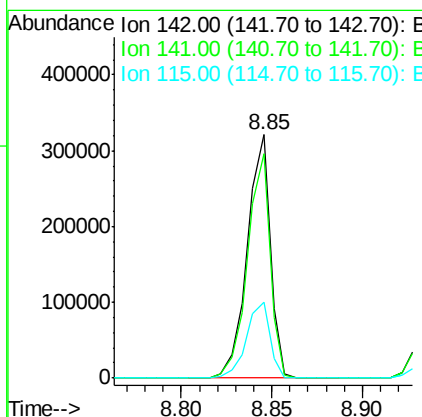
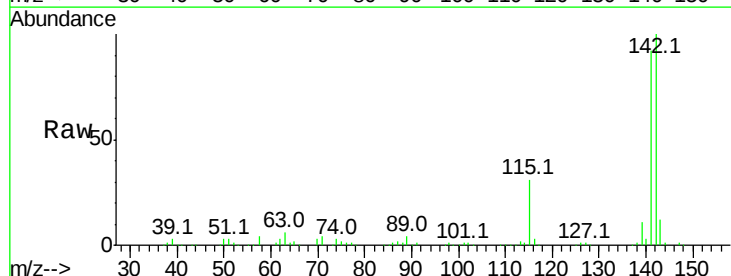
Sohil

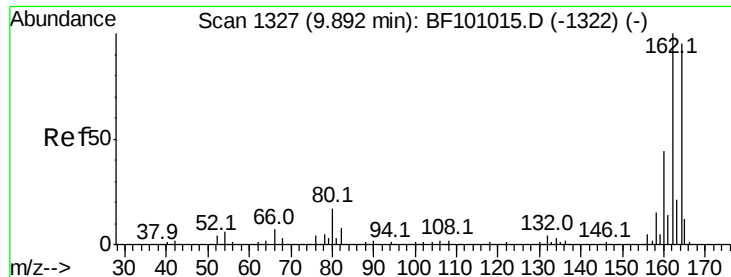
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#37
 2-Methylnaphthalene
 Concen: 40.740 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:	142	Resp:	284169
Ion Ratio	Lower	Upper	
142	100		
141	92.0	70.8	106.2
115	31.3	26.1	39.1





#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

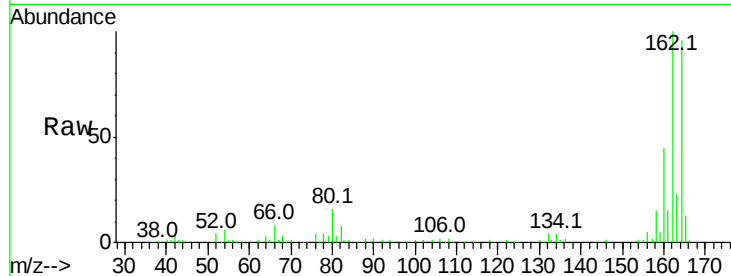
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	47.5	38.3	57.5

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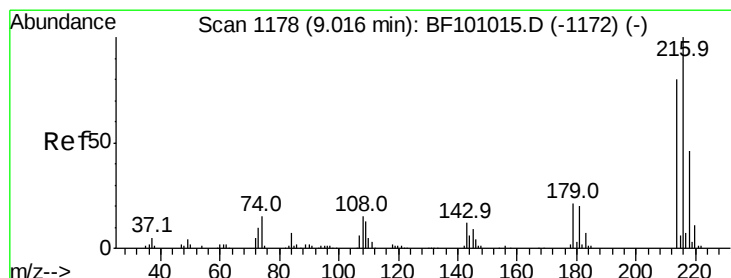
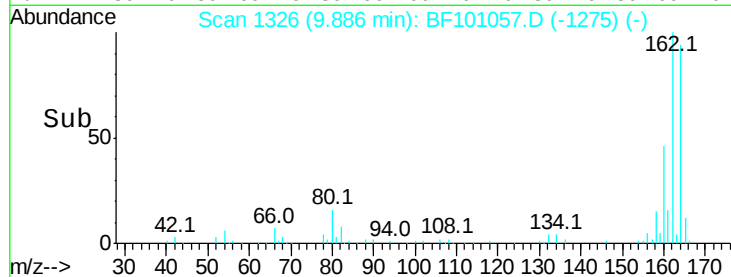
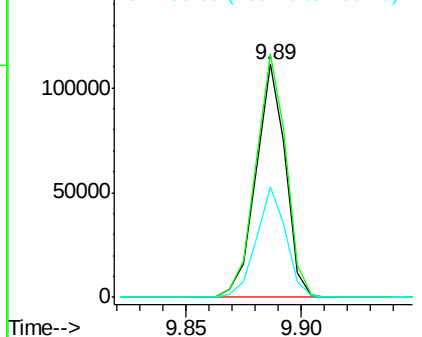


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.532 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.0	94.4
179	20.3	18.1	27.1
108	16.8	17.2	25.8#

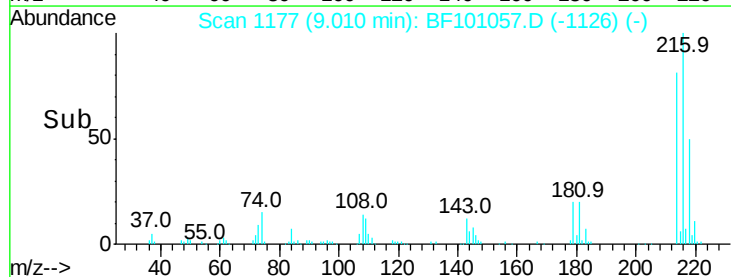
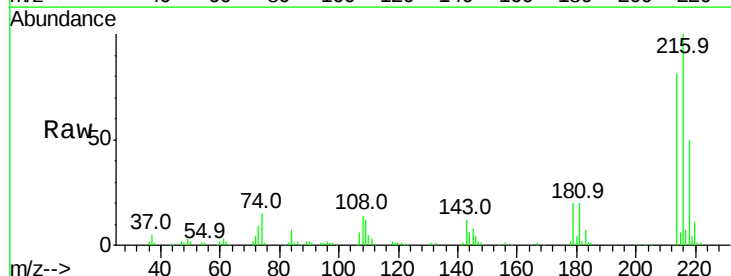
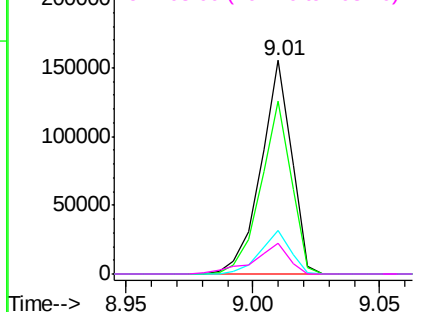
Abundance

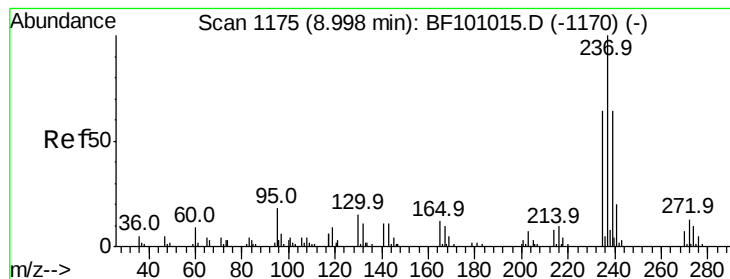
Ion 216.00 (215.70 to 216.70): E

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: 88.689 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

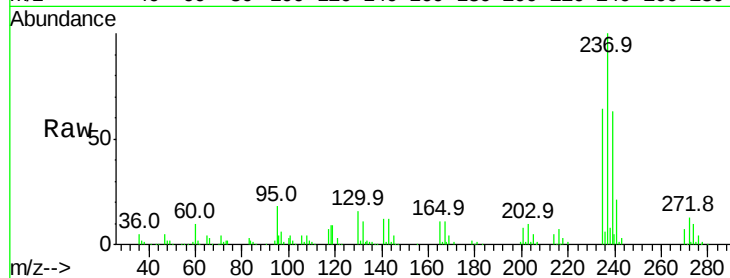
PB104630BS

Tot Ion:	237	Resp:	117388
Ion Ratio	Lower	Upper	
237	100		
235	64.0	44.8	84.8
272	13.1	0.0	33.3

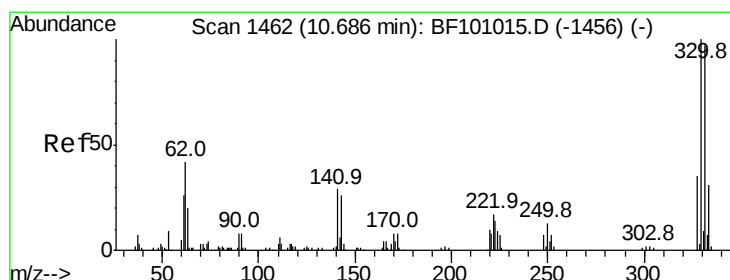
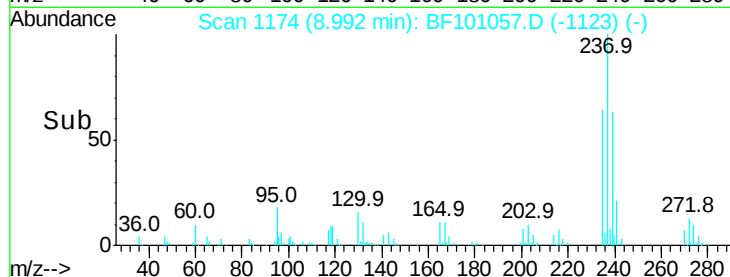
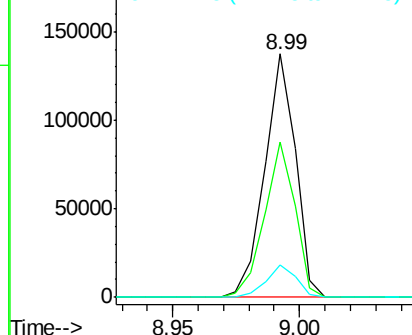
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 112.269 ng

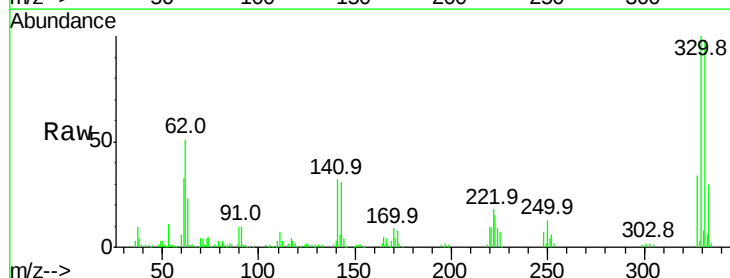
RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

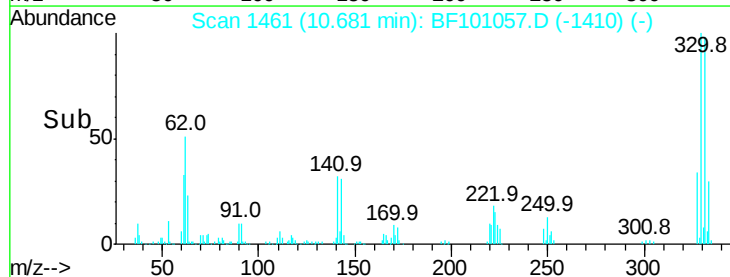
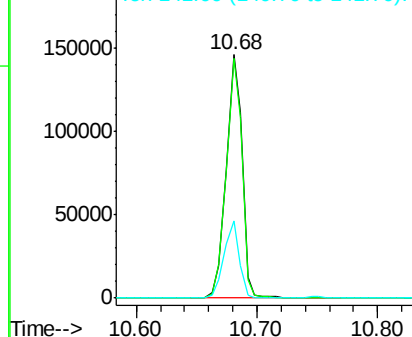
Lab File: BF101057.D

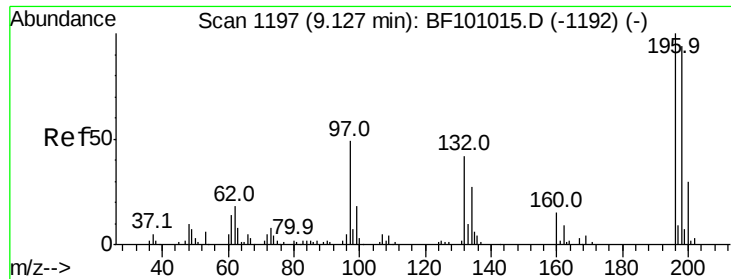
Acq: 1 Dec 2017 12:36

Tgt Ion:	330	Resp:	133328
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.0	115.6
141	30.0	29.9	44.9



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





#42
 2,4,6-Trichlorophenol
 Concen: 43.383 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

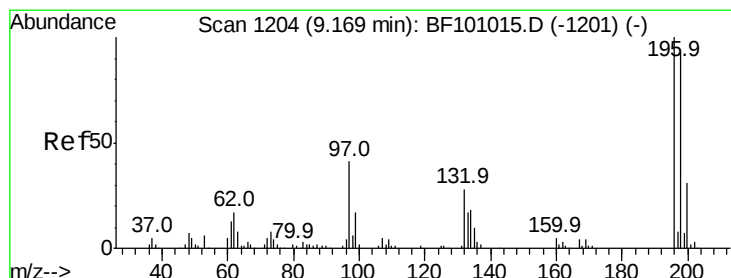
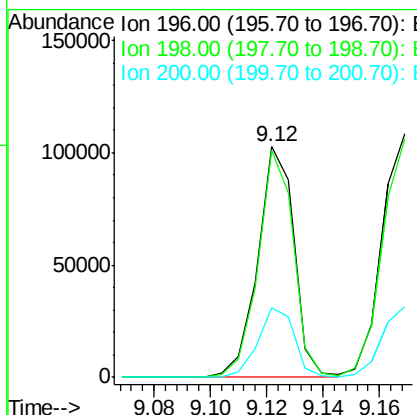
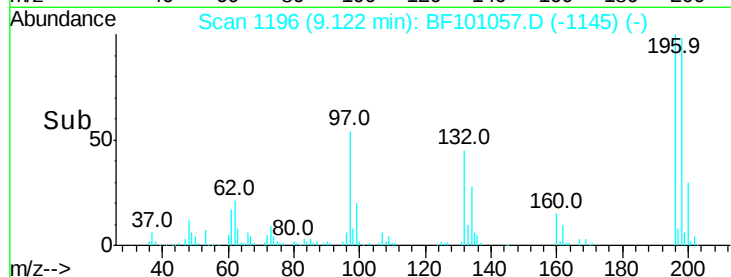
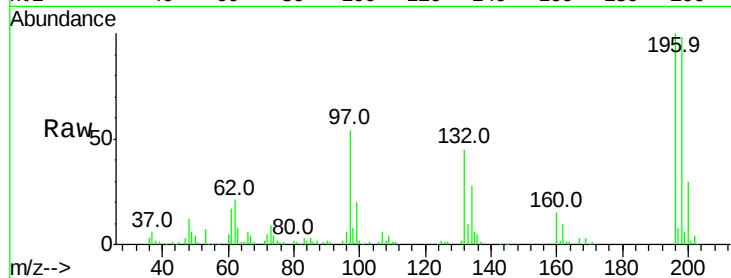
Instrument :
 BNA_F
 ClientSampled :
 PB104630BS

Tot Ion:	196	Resp:	91334
Ion Ratio	Lower	Upper	
196	100		
198	98.5	75.7	113.5
200	30.2	24.5	36.7

Manual Integrations
 APPROVED

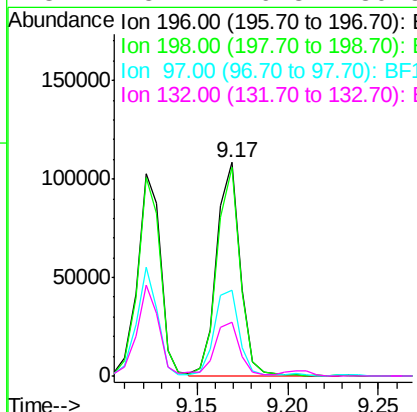
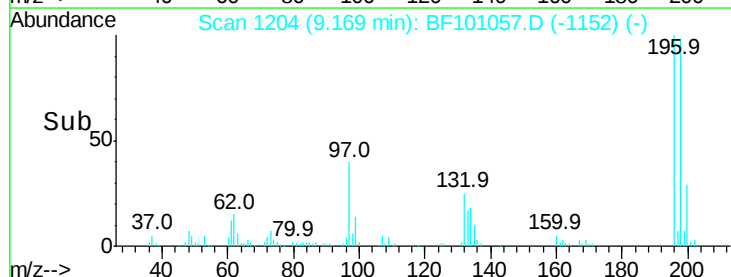
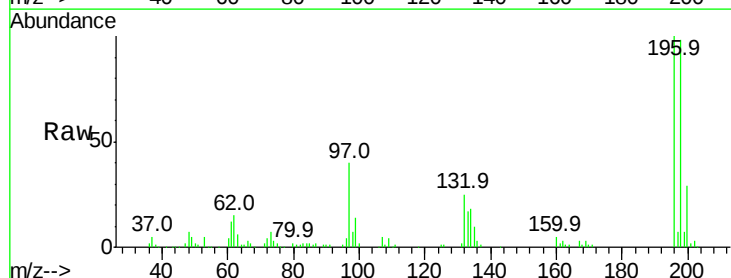
Sohil

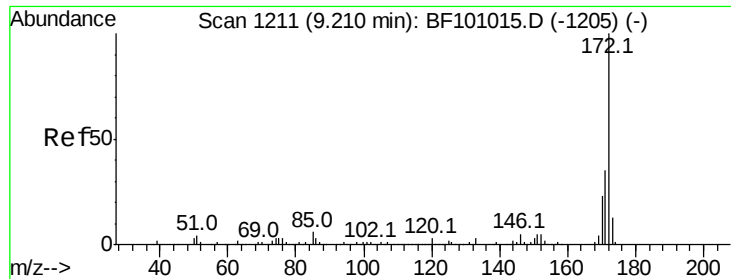
12/4/2017 11:56:24 AM



#43
 2,4,5-Trichlorophenol
 Concen: 43.511 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:	196	Resp:	97930
Ion Ratio	Lower	Upper	
196	100		
198	97.9	74.6	112.0
97	40.0	42.9	64.3#
132	25.1	26.3	39.5#





#44
2-Fluorobiphenyl
Concen: 86.657 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

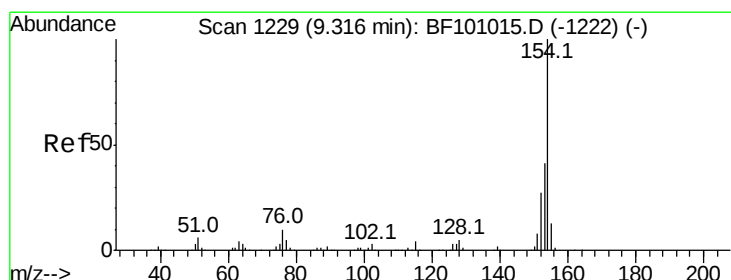
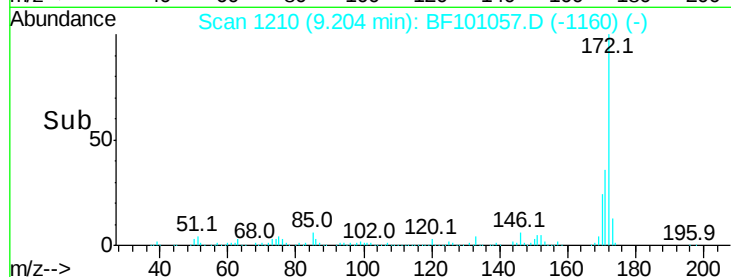
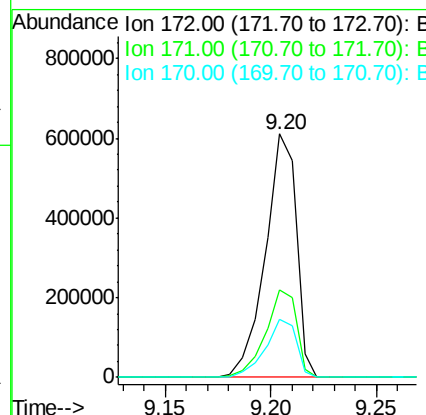
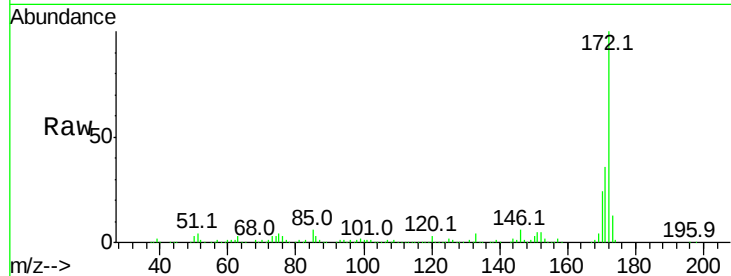
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4

Manual Integrations
APPROVED

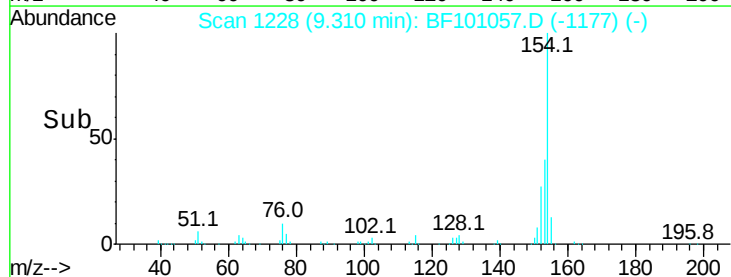
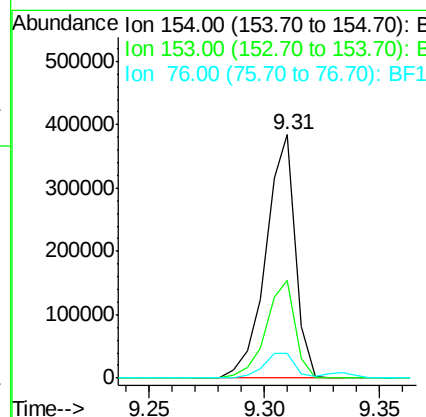
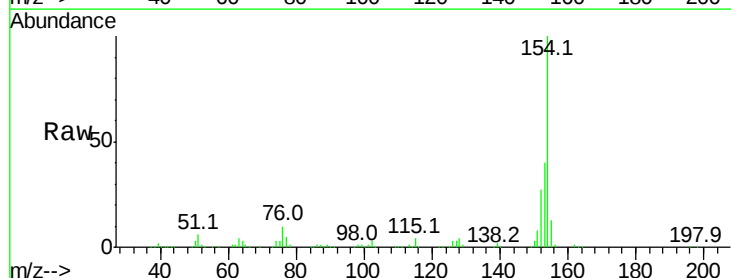
Sohil

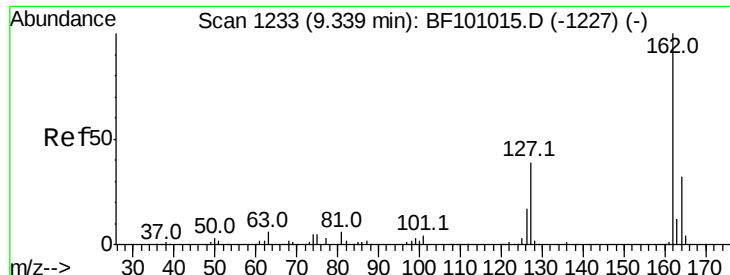
12/4/2017 11:56:24 AM



#45
1,1'-Biphenyl
Concen: 37.584 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.3	61.3
76	10.3	0.0	34.0





#46
2-Chloronaphthalene
Concen: 42.146 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

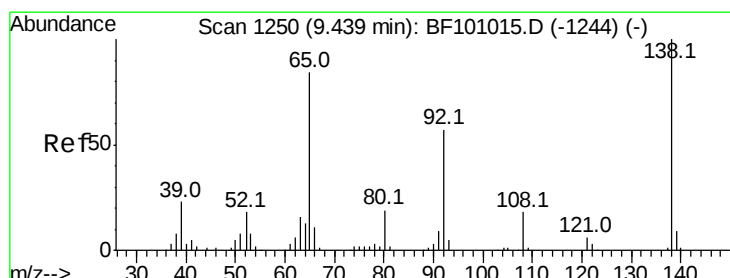
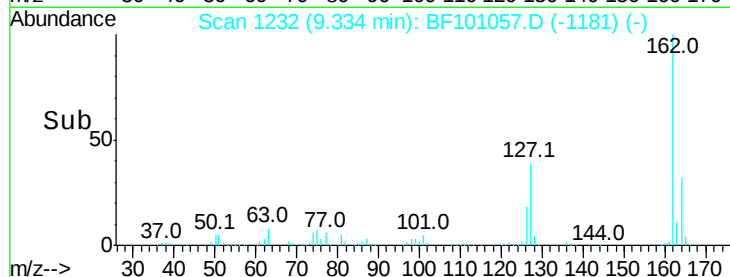
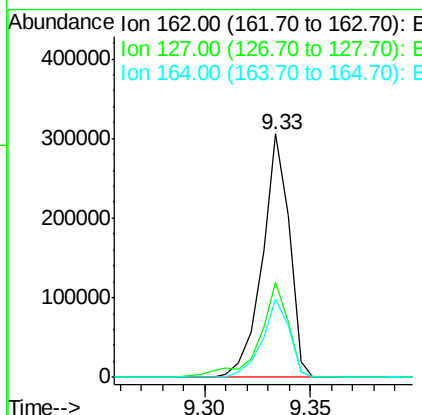
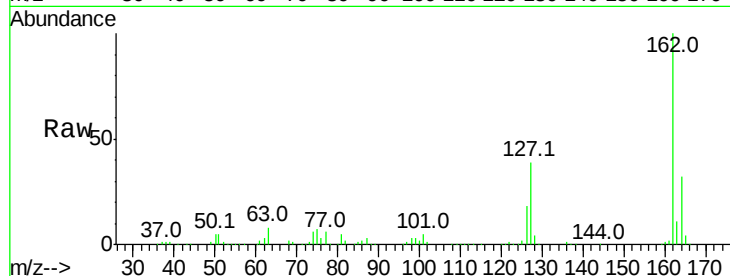
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.9	50.9
164	32.1	26.5	39.7

Manual Integrations
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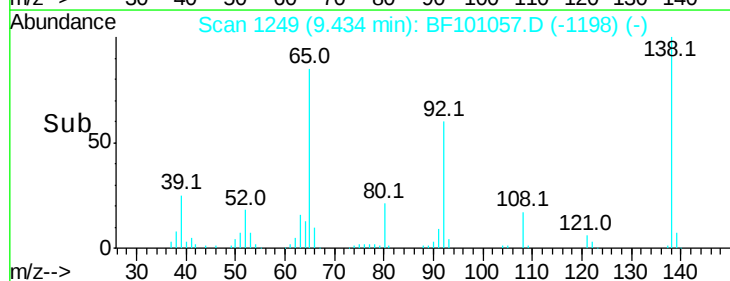
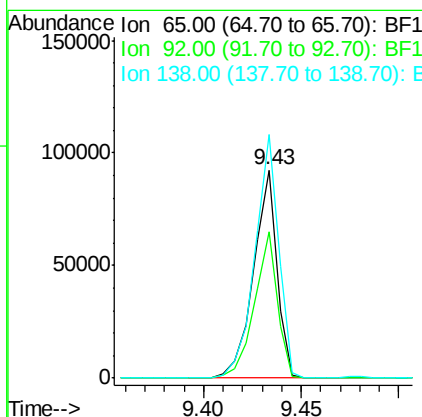
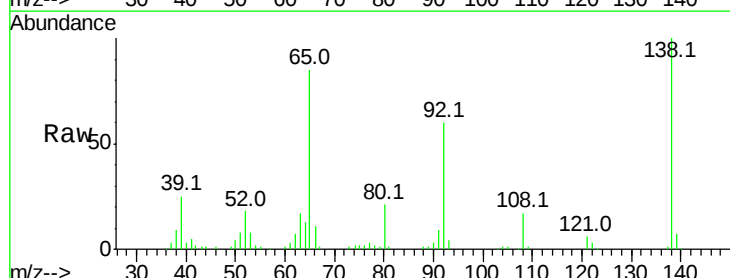
Sohil

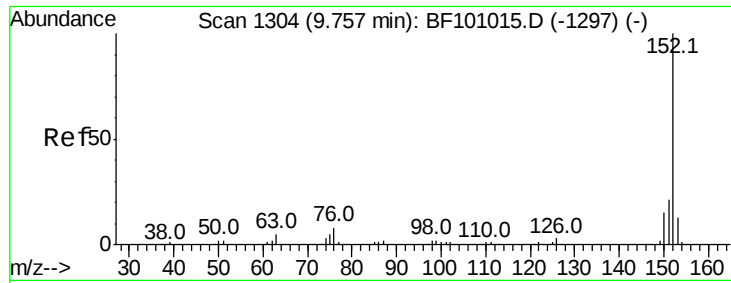
12/4/2017 11:56:24 AM



#47
2-Nitroaniline
Concen: 40.647 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.8	83.6
138	117.0	91.2	136.8





#48
Acenaphthylene
Concen: 39.467 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

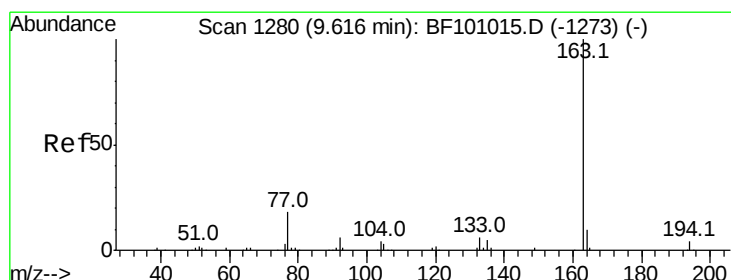
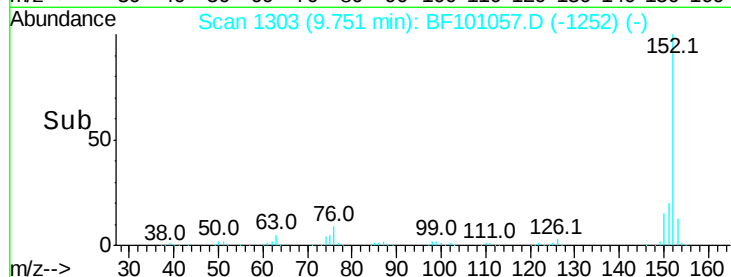
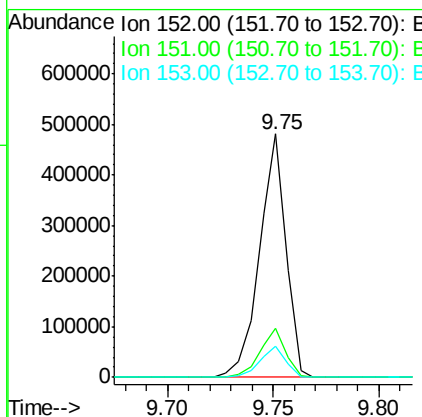
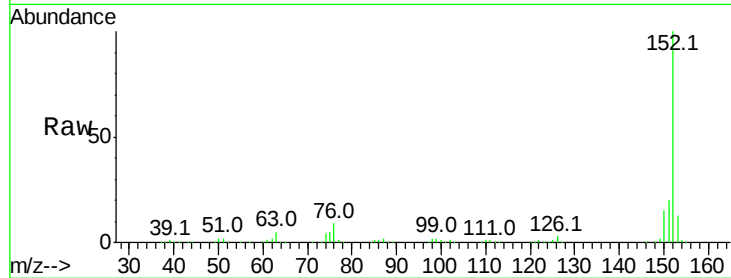
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:	152	Resp:	417204
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	12.9	10.7	16.1

Manual Integrations
APPROVED

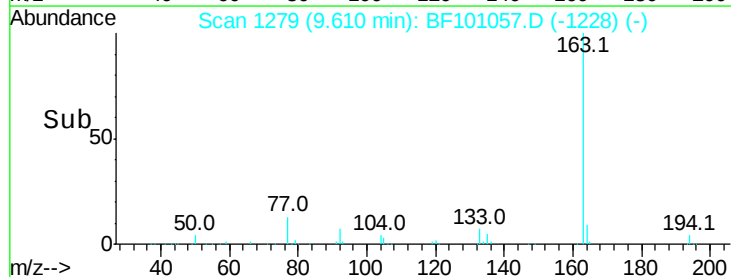
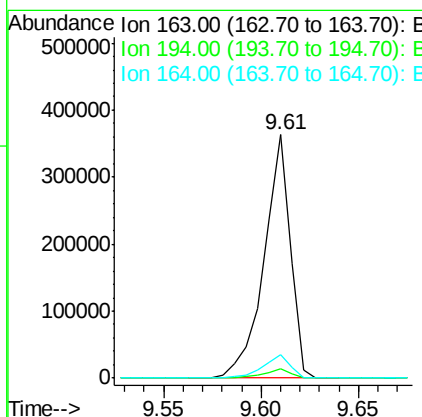
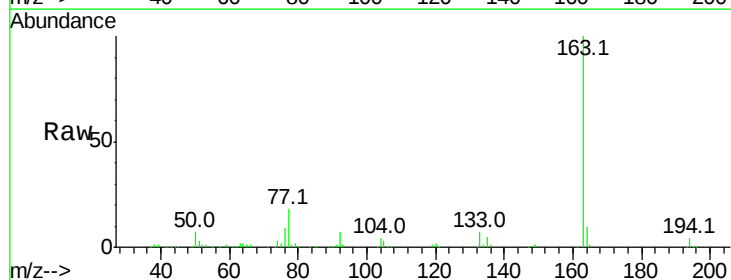
Sohil

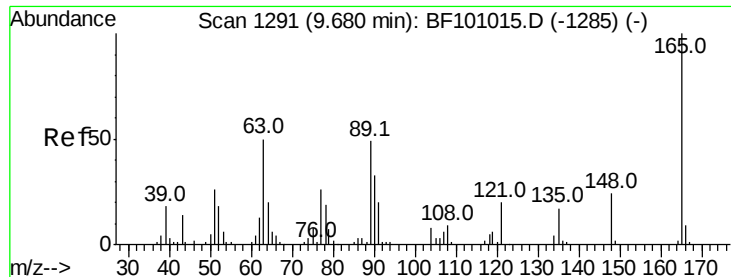
12/4/2017 11:56:24 AM



#49
Dimethylphthalate
Concen: 42.572 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:	163	Resp:	339415
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	9.7	8.2	12.2





#50
 2,6-Dinitrotoluene
 Concen: 41.293 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

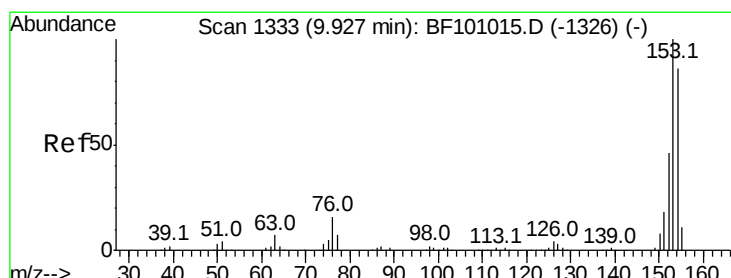
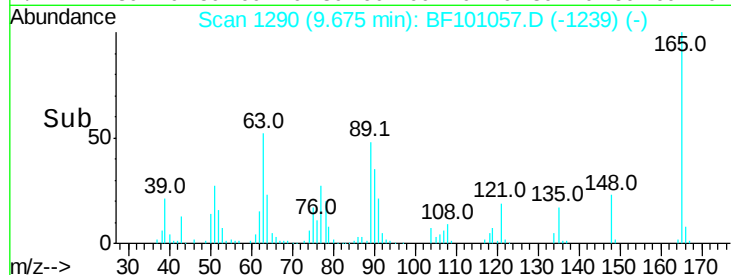
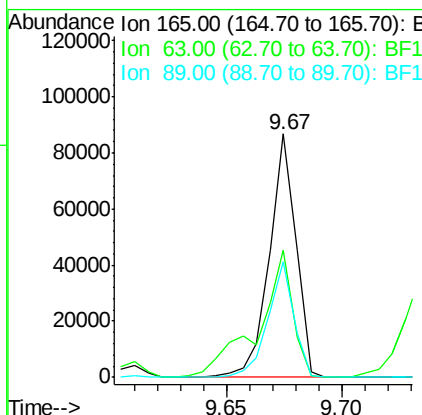
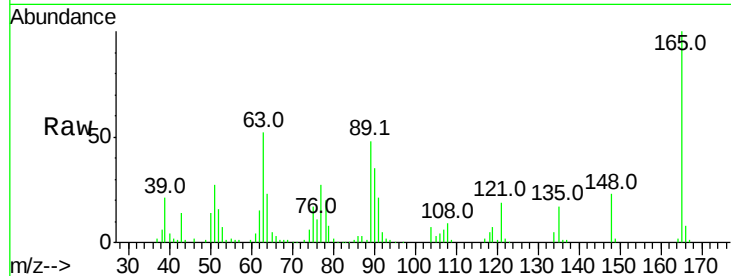
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	69341		
63	52.4		44.7	67.1
89	47.7		44.0	66.0

Manual Integrations
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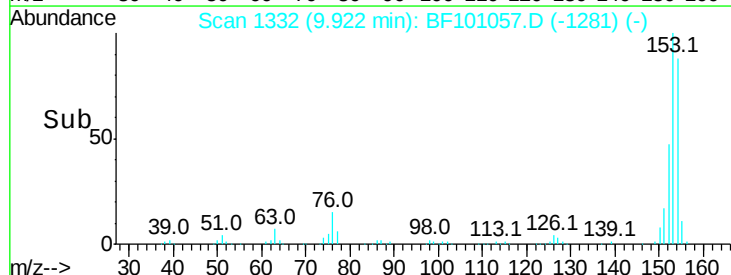
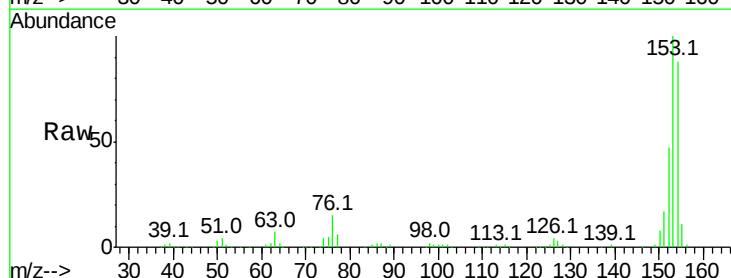
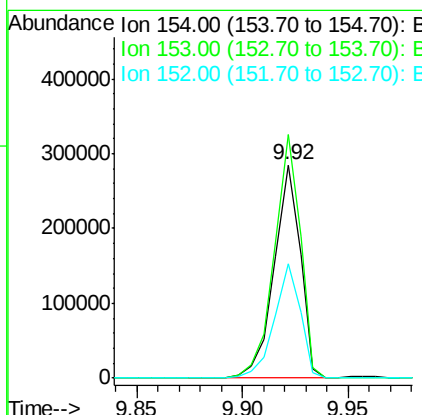
Sohil

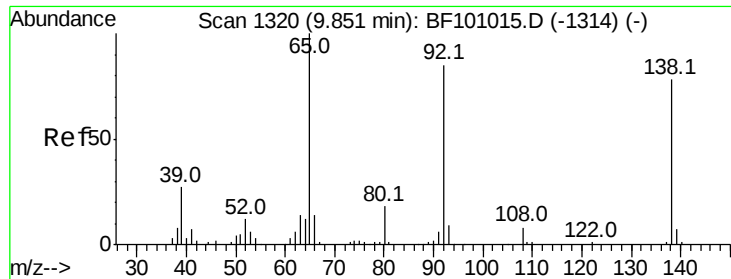
12/4/2017 11:56:24 AM



#51
 Acenaphthene
 Concen: 39.002 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	246874		
153	114.2		91.2	136.8
152	53.8		43.8	65.8





#52
3-Nitroaniline
Concen: 28.329 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

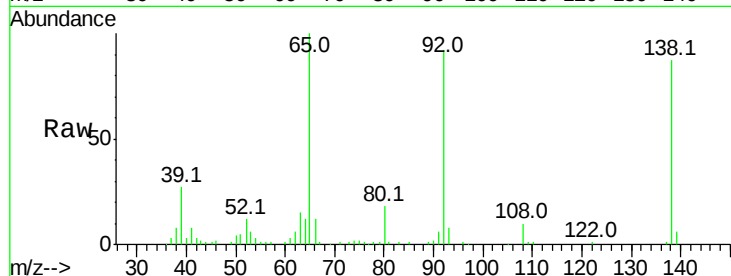
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.4	14.0
92	105.0	89.4	134.2

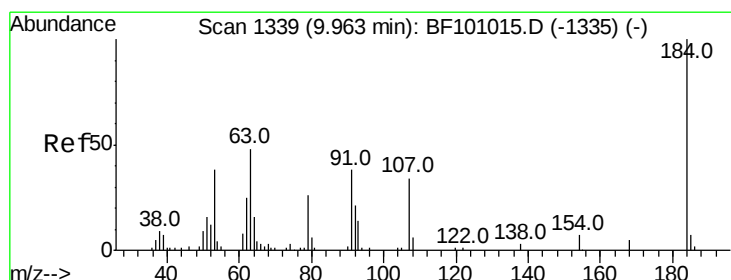
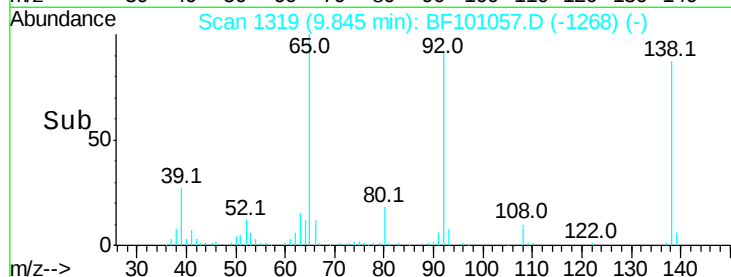
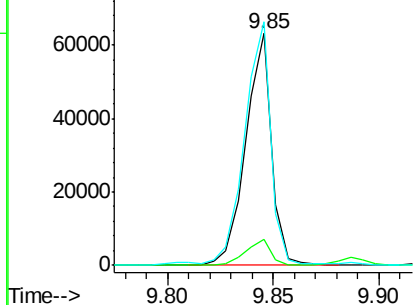
Manual Integrations
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Sohil

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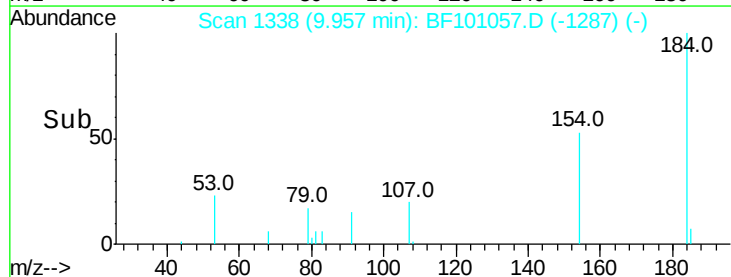
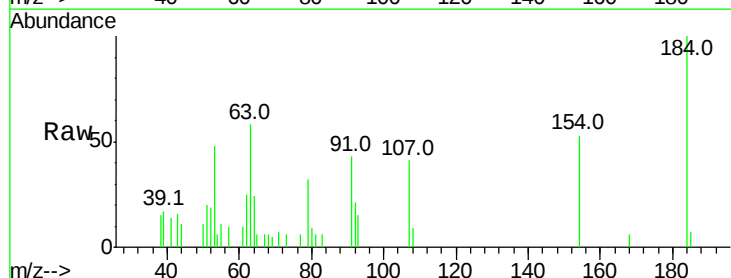
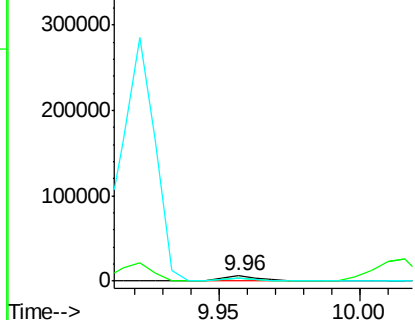
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

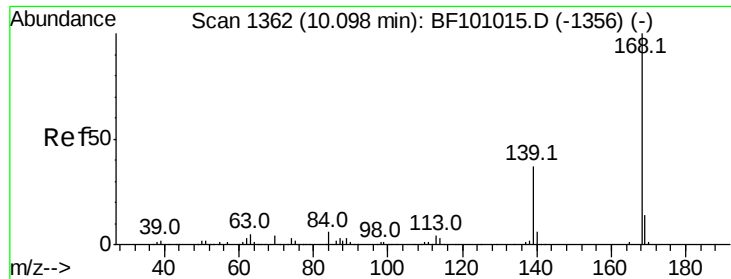


#53
2,4-Dinitrophenol
Concen: 11.434 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	54.2	81.2
154	53.3	184.0	276.0#

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#54
Dibenzofuran
Concen: 40.292 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

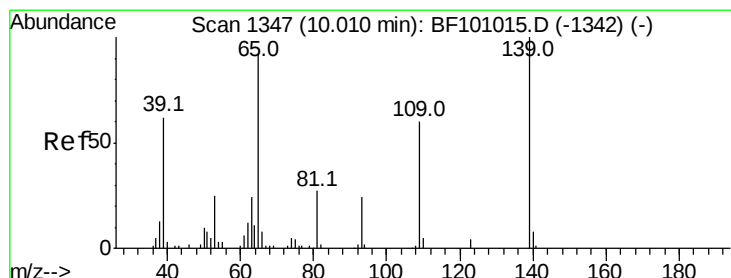
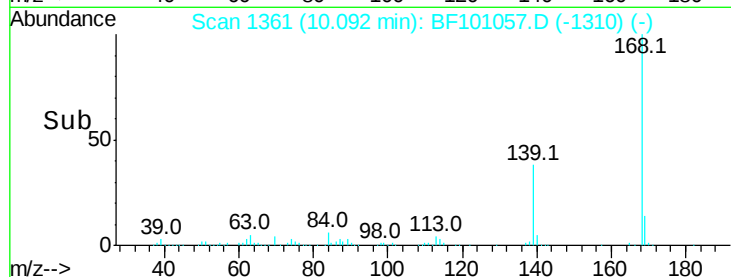
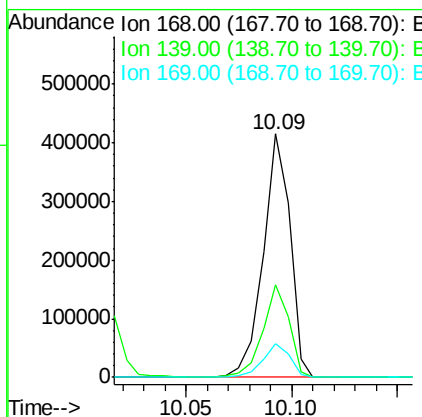
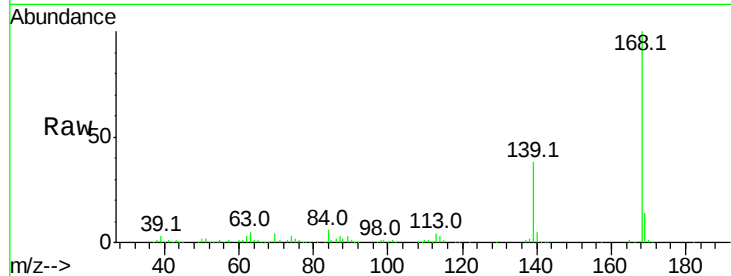
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	13.8	10.9	16.3

Manual Integrations
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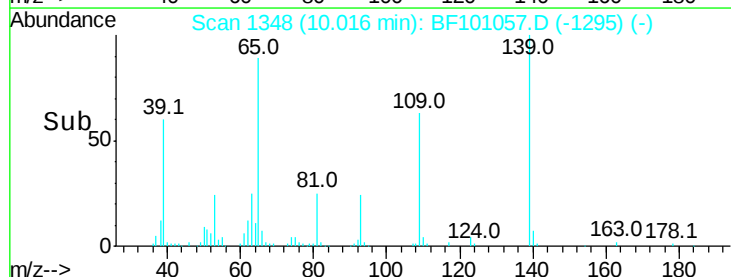
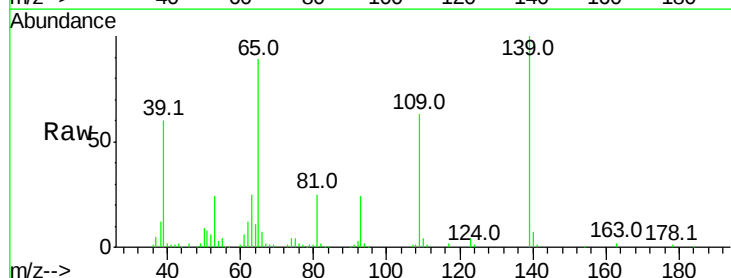
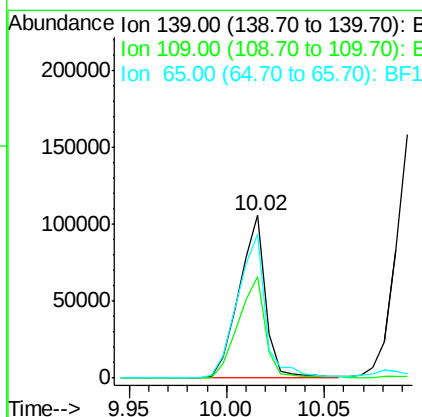
Sohil

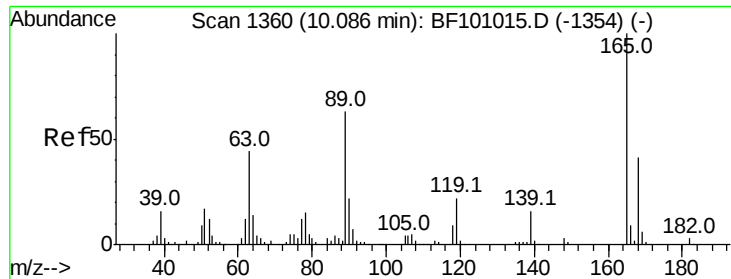
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#55
4-Nitrophenol
Concen: 78.747 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	48.4	88.4
65	88.9	72.6	112.6





#56
2,4-Dinitrotoluene
Concen: 41.466 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

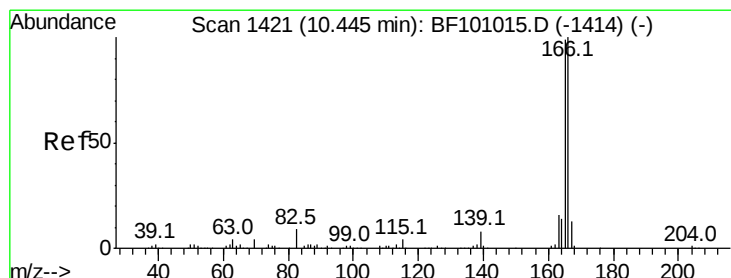
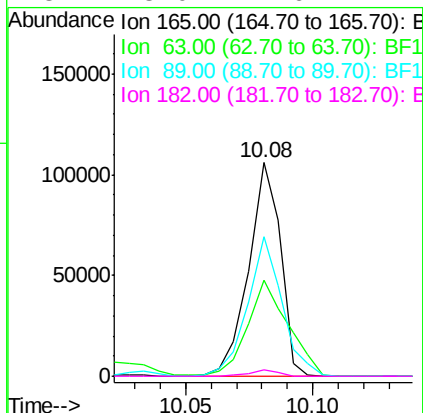
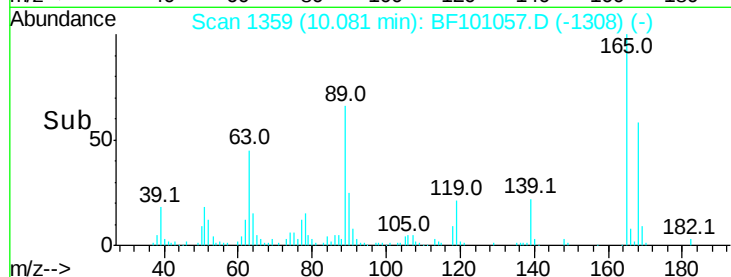
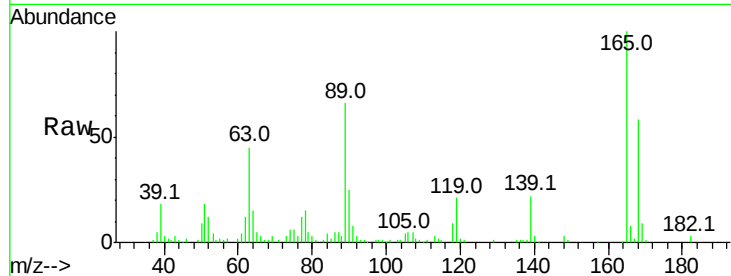
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.7	36.4	54.6
89	65.6	57.8	86.6
182	3.0	1.6	2.4

Manual Integrations
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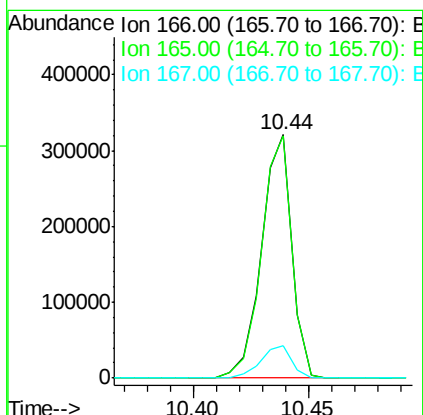
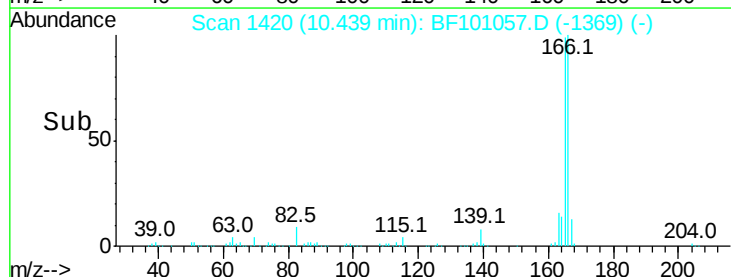
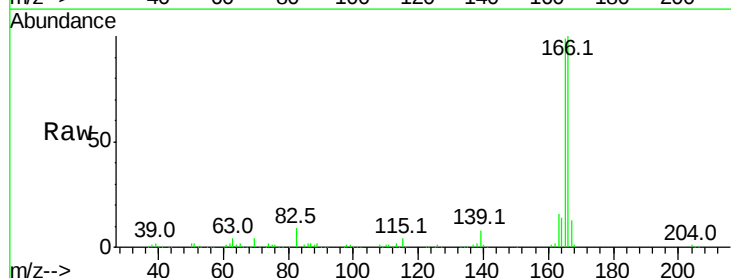
Sohil

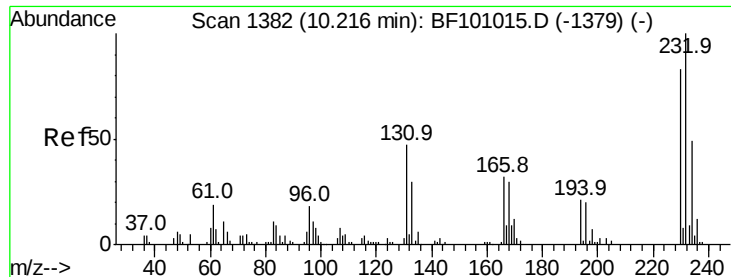
12/4/2017 11:56:24 AM



#57
Fluorene
Concen: 39.524 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	13.1	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 36.815 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

PB104630BS

Tot Ion:232 Resp: 66345

Ion Ratio Lower Upper

232 100

131 41.8 43.8 65.8#

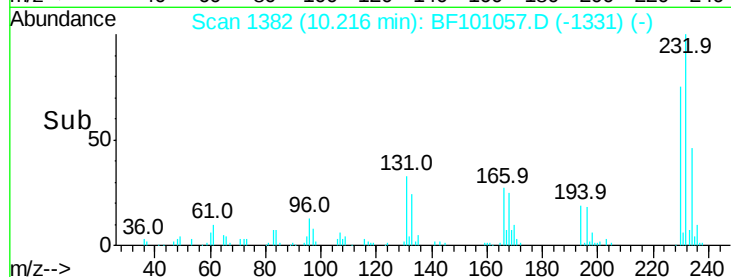
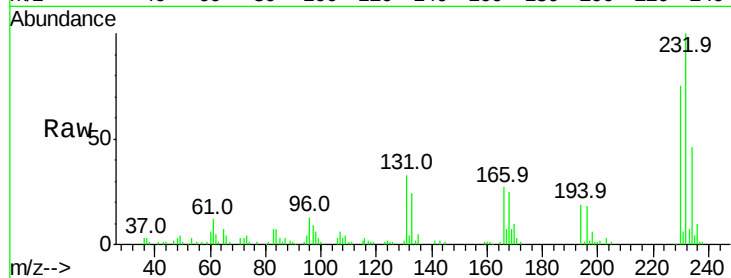
130 2.1 2.1 3.1

166 30.7 27.8 41.6

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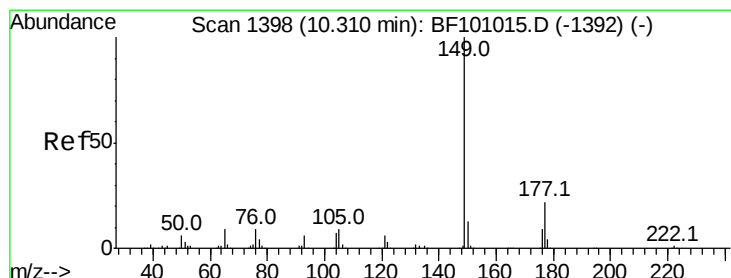
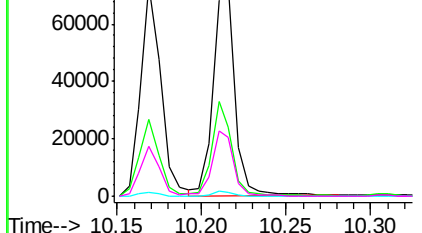


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.974 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

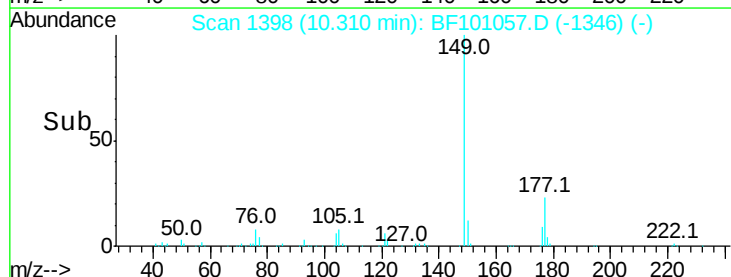
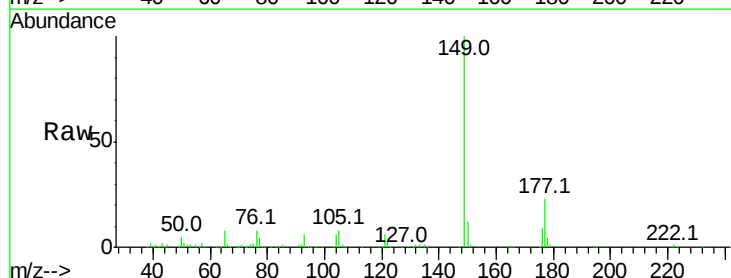
Tgt Ion:149 Resp: 306481

Ion Ratio Lower Upper

149 100

177 23.0 16.1 24.1

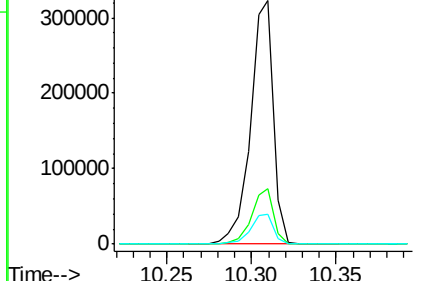
150 12.1 10.1 15.1

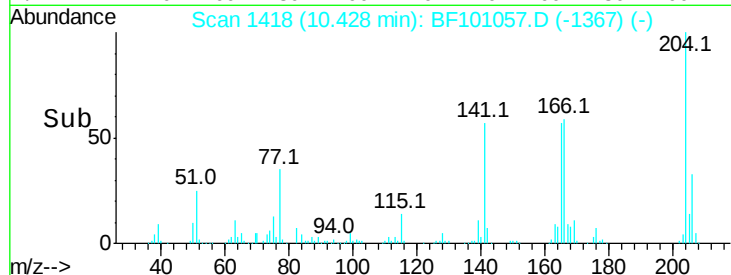
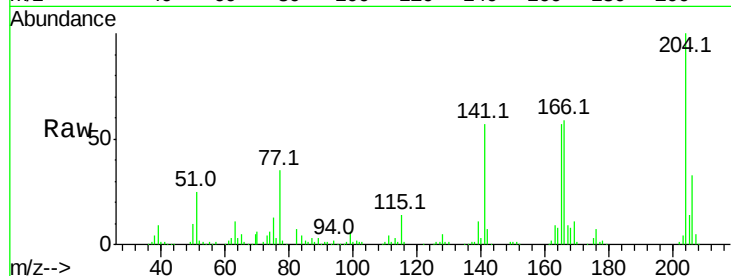
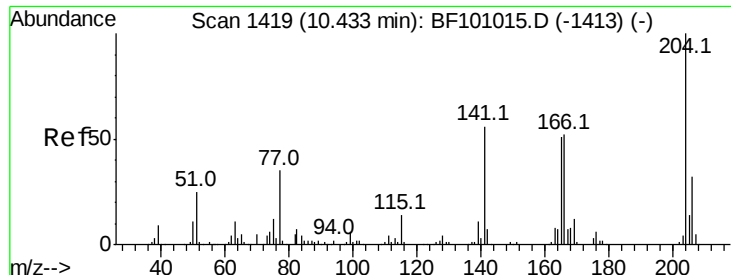


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60
4-Chlorophenyl-phenylether
Concen: 39.261 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

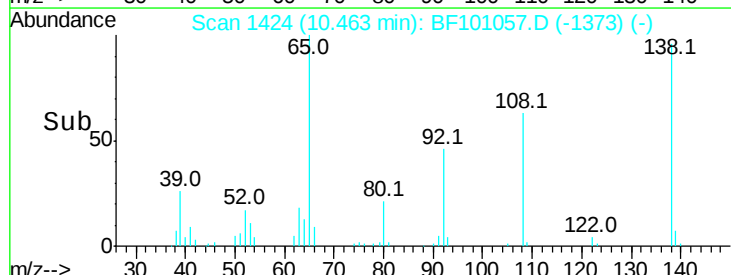
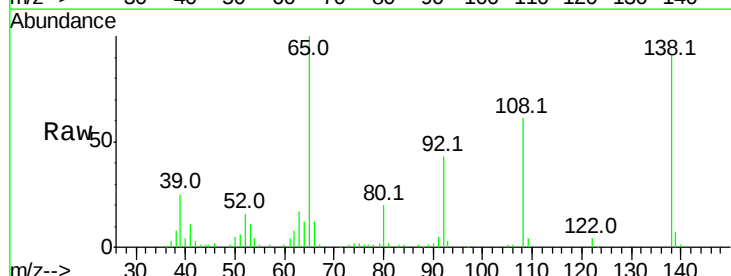
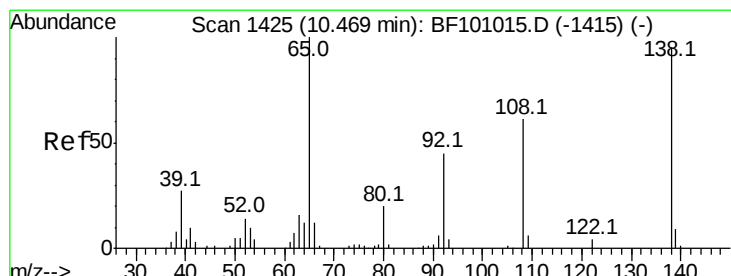
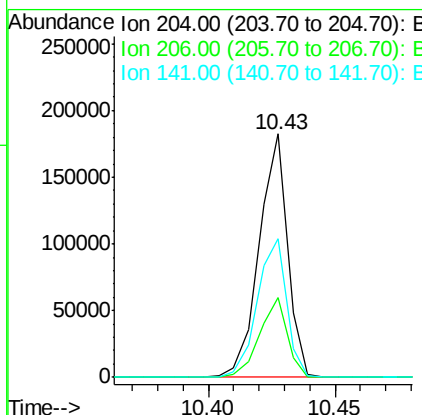
Instrument :
BNA_F
ClientSampleID :
PB104630BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	57.2	54.6	81.8

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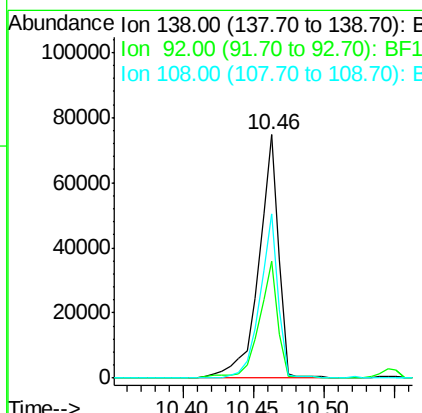
Sohil

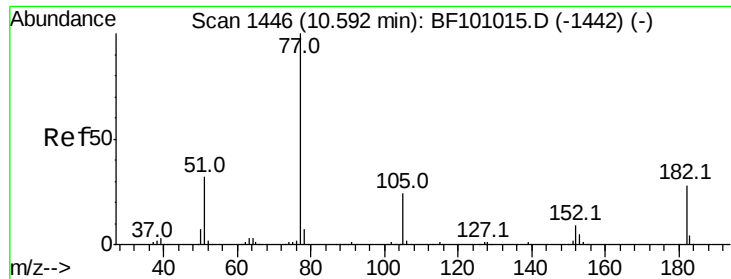
12/4/2017 11:56:24 AM



#61
4-Nitroaniline
Concen: 37.903 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	30.2	70.2
108	67.5	52.5	92.5





#62

Azobenzene

Concen: 40.002 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

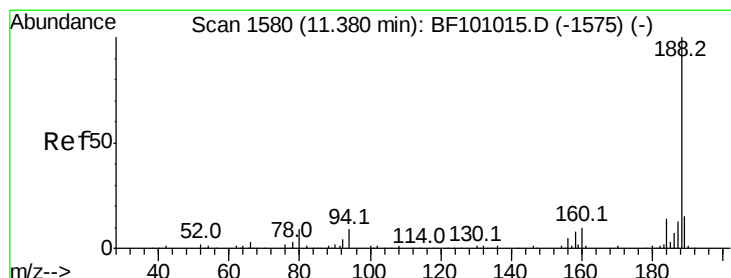
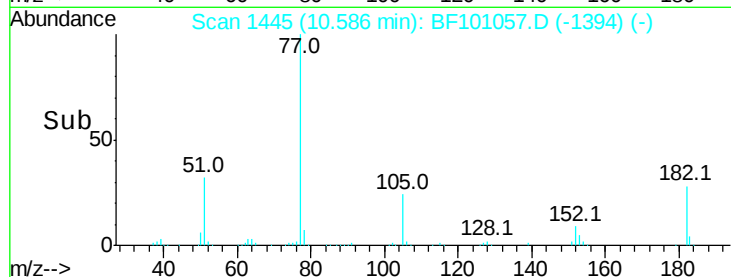
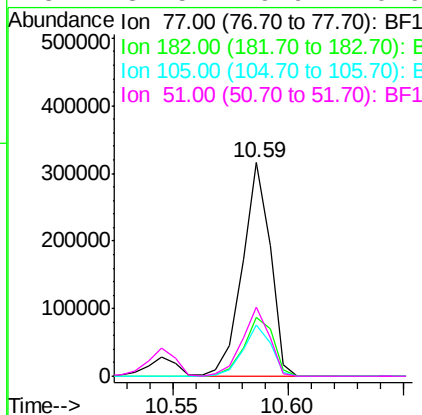
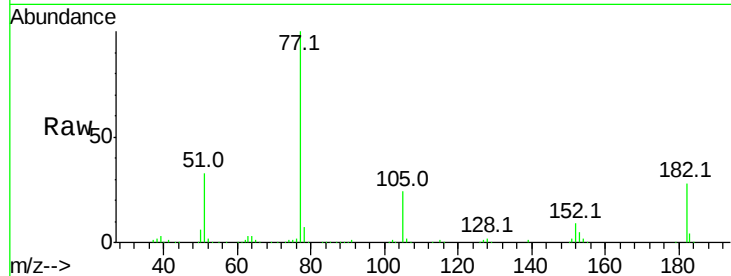
PB104630BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		266961		
182	27.5	1.7	41.7		
105	23.9	3.0	43.0		
51	32.5	9.9	49.9		

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

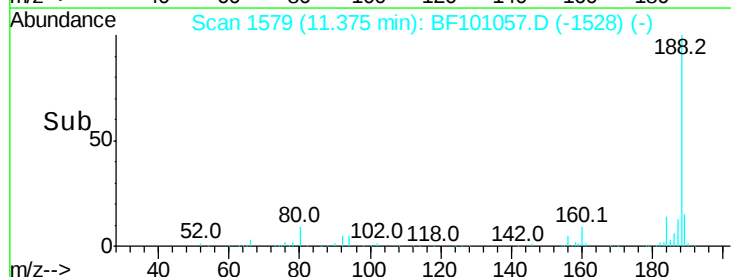
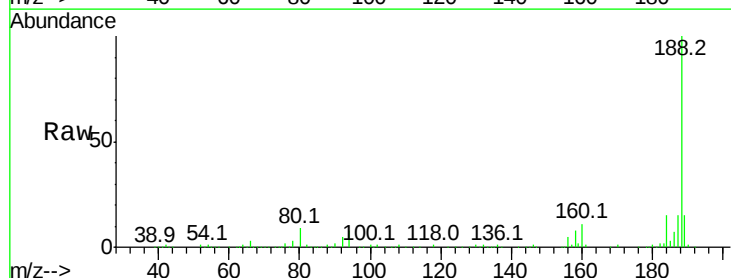
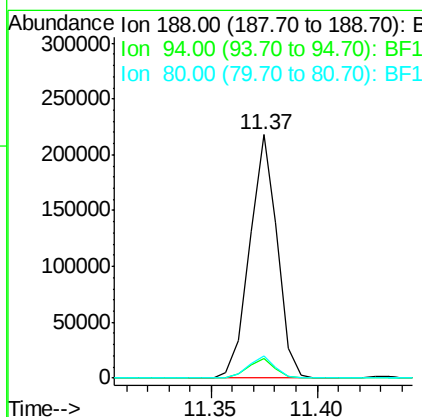
RT: 11.37 min Scan# 1579

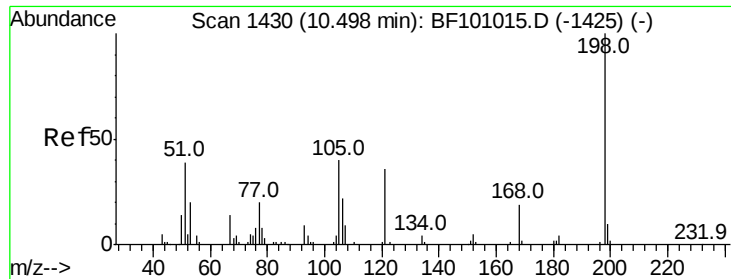
Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		196302		
94	8.1	8.5	12.7#		
80	9.0	9.2	13.8#		





#64

4,6-Dinitro-2-methylphenol

Concen: 9.377 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampled :

PB104630BS

Tot Ion:198 Resp: 12346

Ion Ratio Lower Upper

198 100

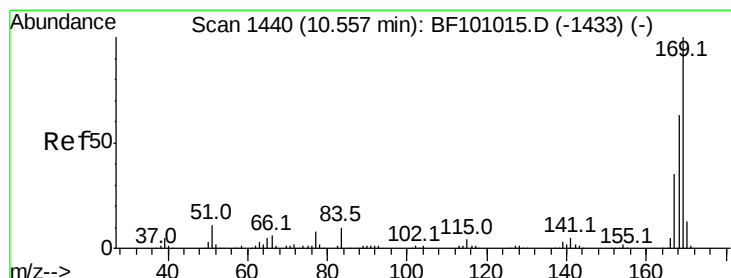
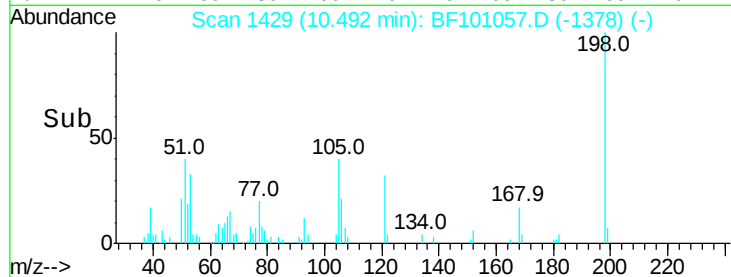
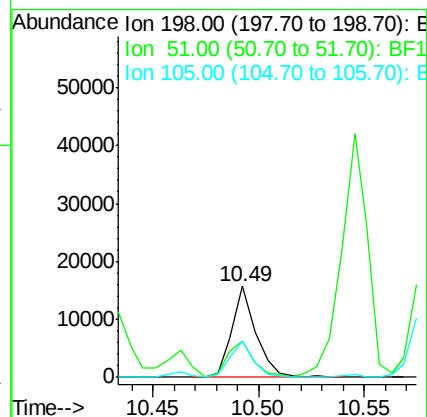
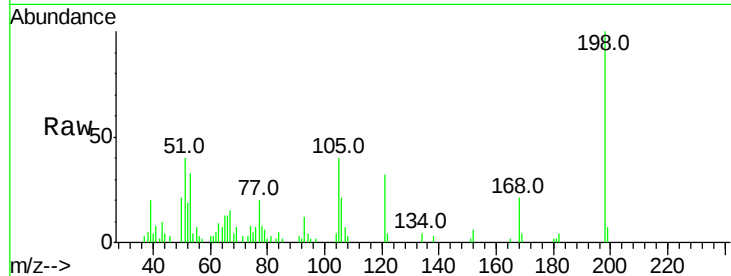
51 40.1 37.7 77.7

105 39.8 36.3 76.3

Manual Integrations
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#65

n-Nitrosodiphenylamine

Concen: 38.860 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

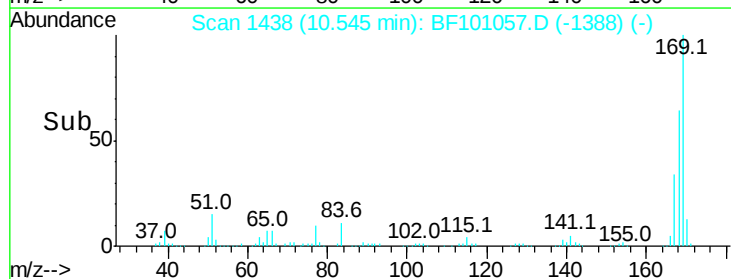
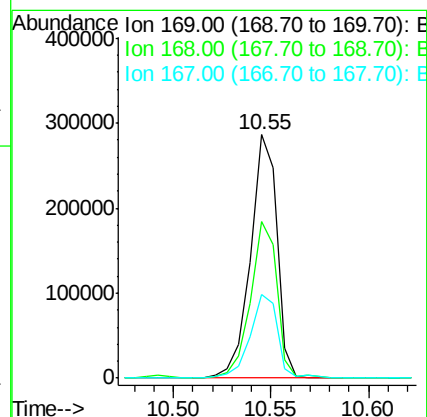
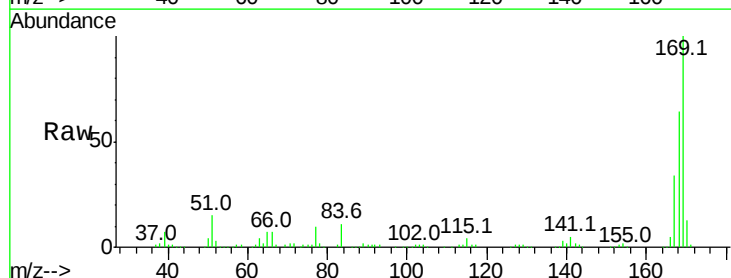
Tgt Ion:169 Resp: 269115

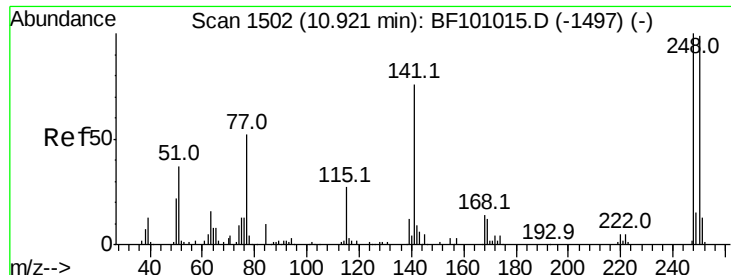
Ion Ratio Lower Upper

169 100

168 64.2 54.4 81.6

167 34.2 29.8 44.6





#66
 4-Bromophenyl-phenylether
 Concen: 41.082 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

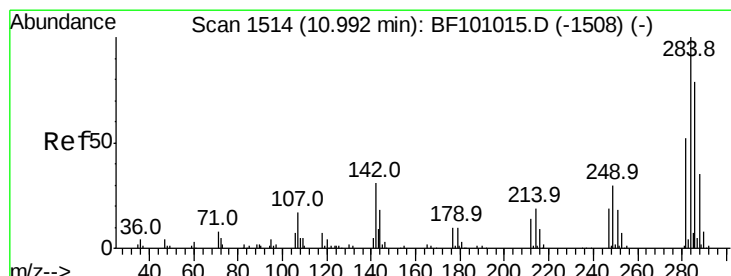
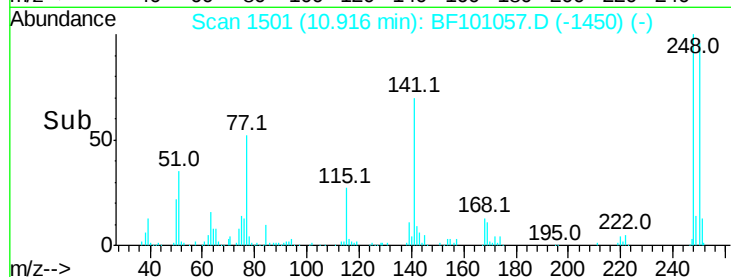
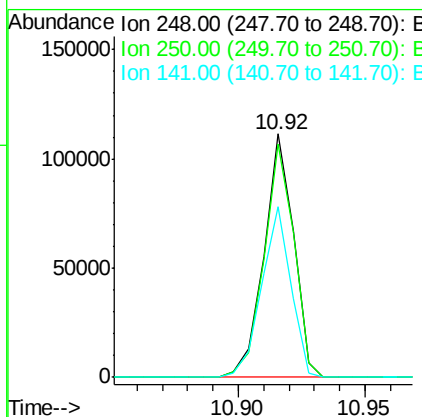
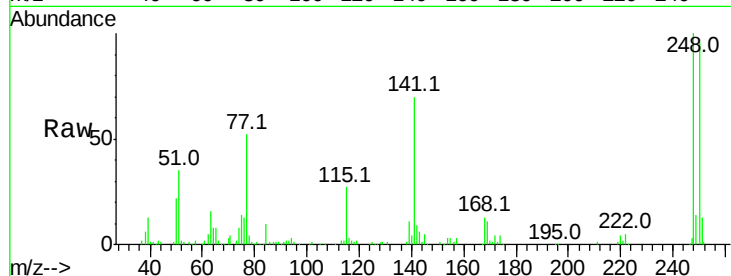
Instrument :
 BNA_F
 ClientSampled :
 PB104630BS

Tot Ion:	248	Resp:	90269
Ion Ratio	Lower	Upper	
248	100		
250	95.8	76.9	115.3
141	70.0	74.4	111.6#

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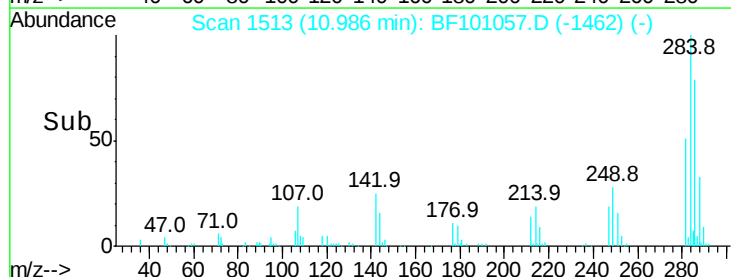
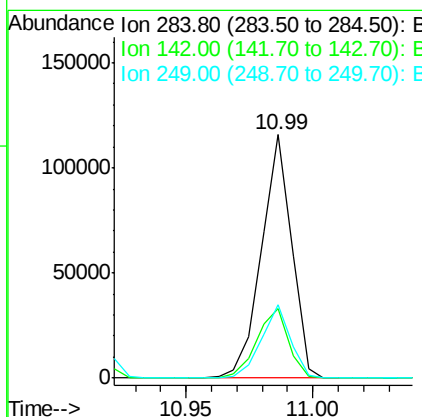
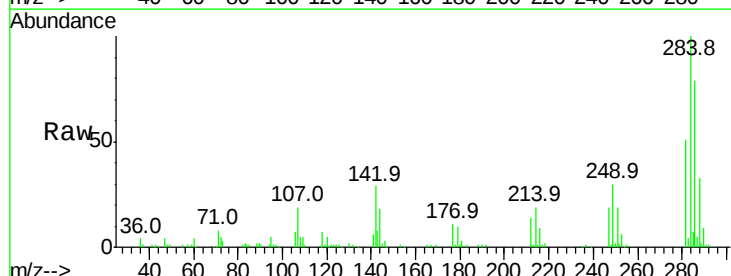
Sohil

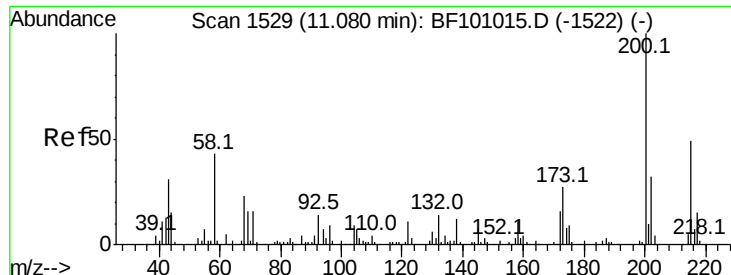
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#67
 Hexachlorobenzene
 Concen: 40.833 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:	284	Resp:	96159
Ion Ratio	Lower	Upper	
284	100		
142	28.7	34.6	52.0#
249	30.0	24.8	37.2





#68
Atrazine
Concen: 40.731 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

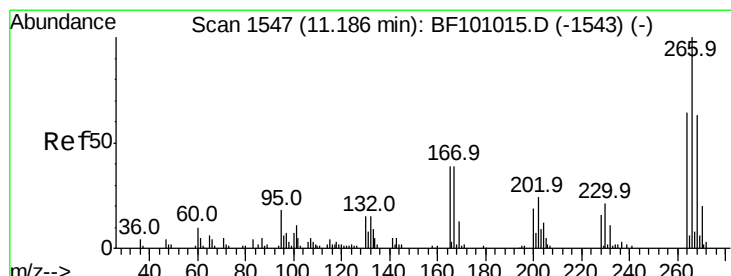
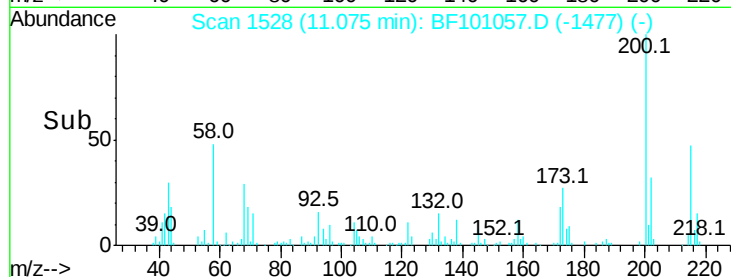
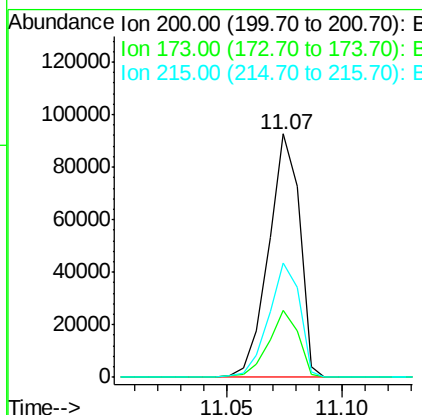
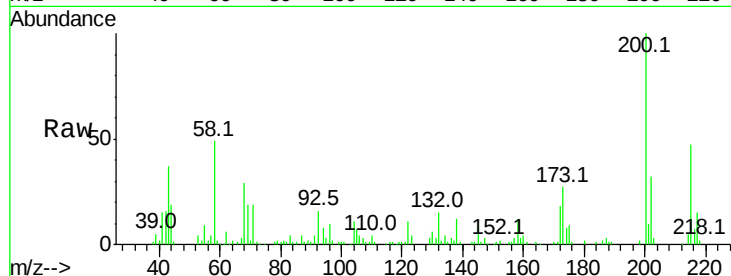
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	8.6	48.6
215	47.1	25.1	65.1

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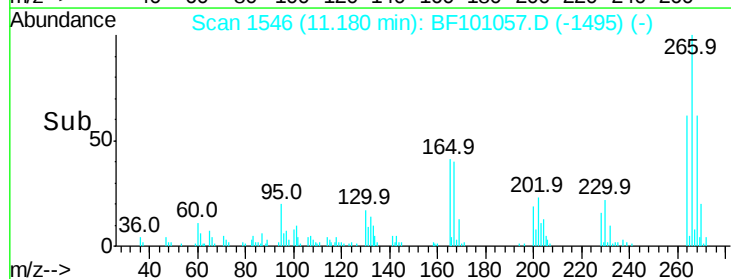
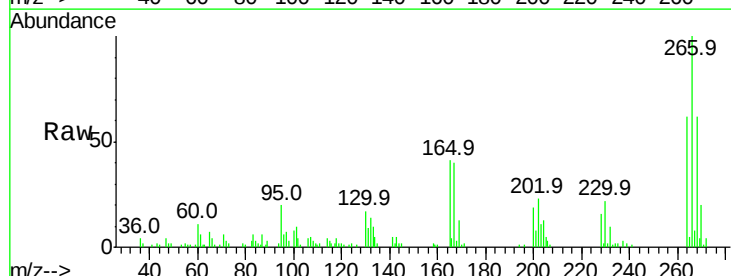
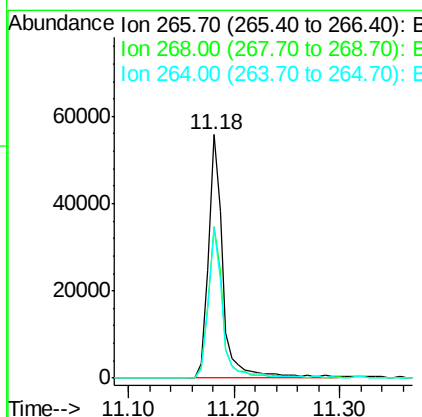
Sohil

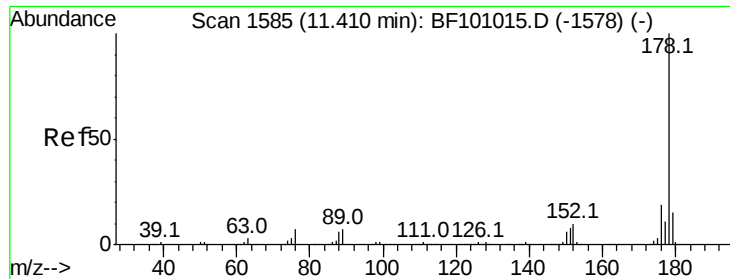
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#69
Pentachlorophenol
Concen: 41.773 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	61.9	49.5	74.3





#70
Phenanthrene
Concen: 39.652 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

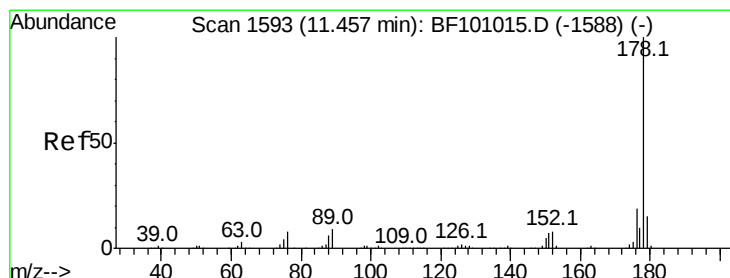
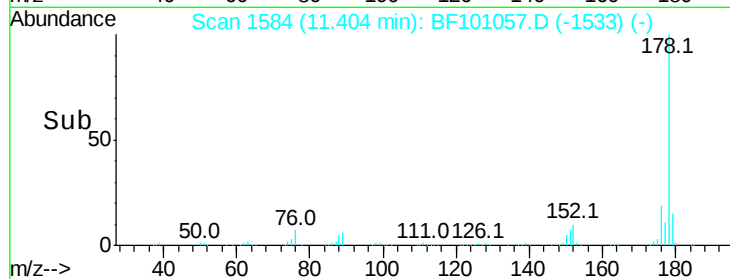
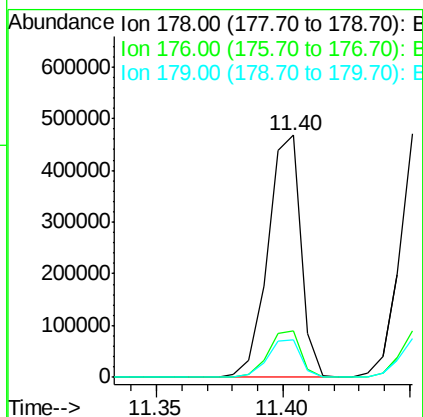
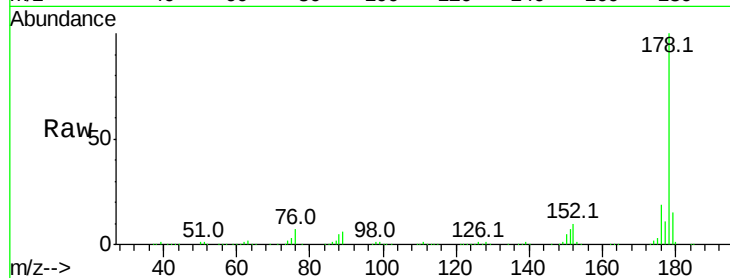
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.4	13.0	19.6

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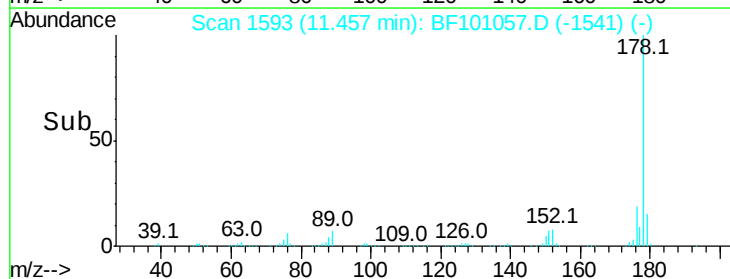
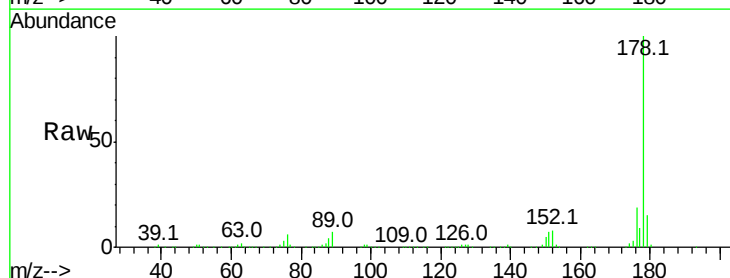
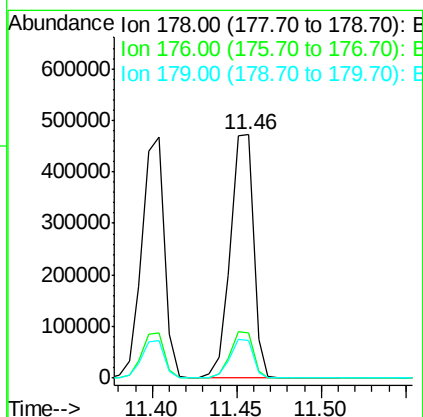
Sohil

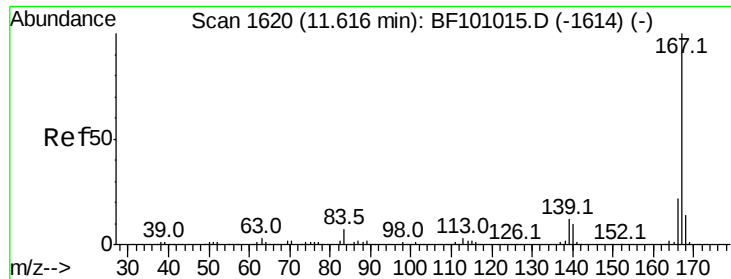
12/4/2017 11:56:24 AM



#71
Anthracene
Concen: 41.009 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.2	12.6	19.0





#72

Carbazole

Concen: 39.366 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

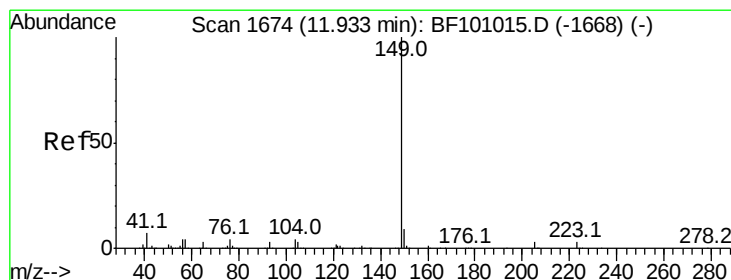
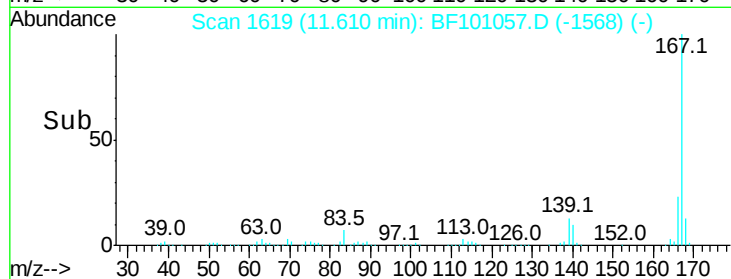
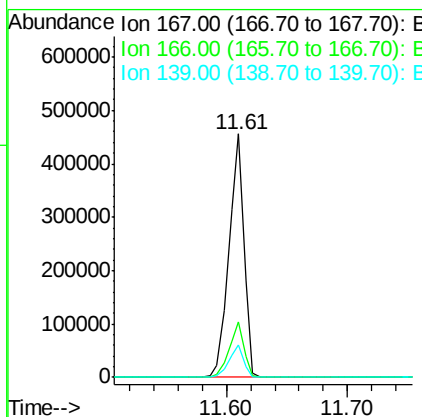
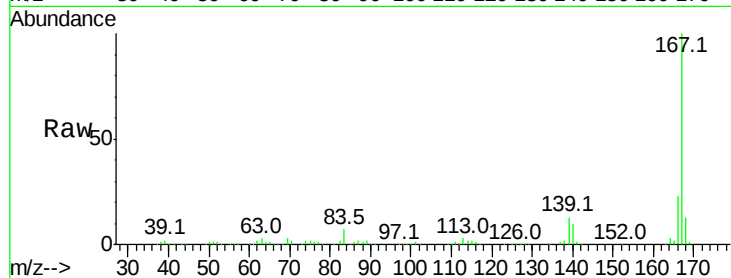
PB104630BS

Tot Ion:	167	Resp:	393517
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.6	26.4
139	13.2	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 38.645 ng

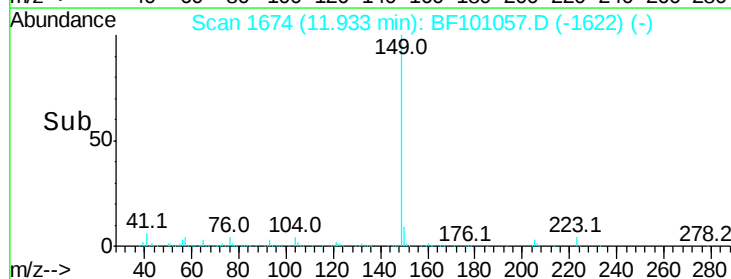
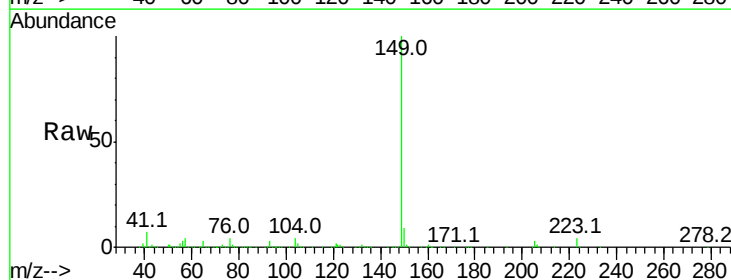
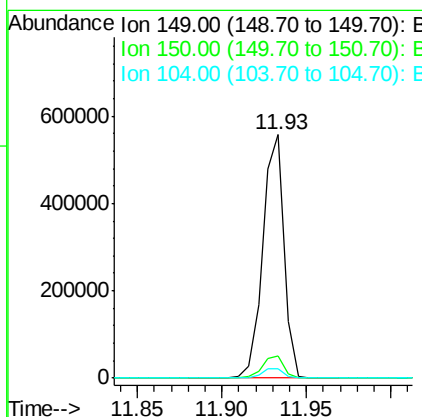
RT: 11.93 min Scan# 1674

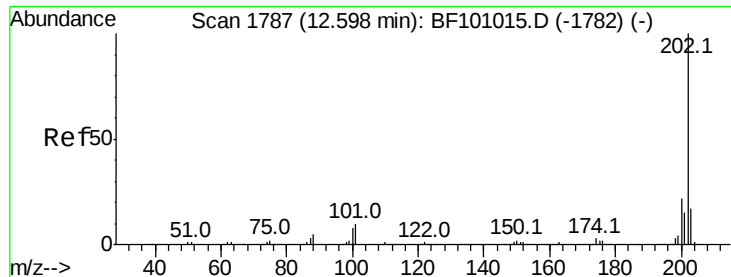
Delta R.T. 0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Tgt Ion:	149	Resp:	484202
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.0	3.8	5.8





#74
Fluoranthene
 Concen: 38.586 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

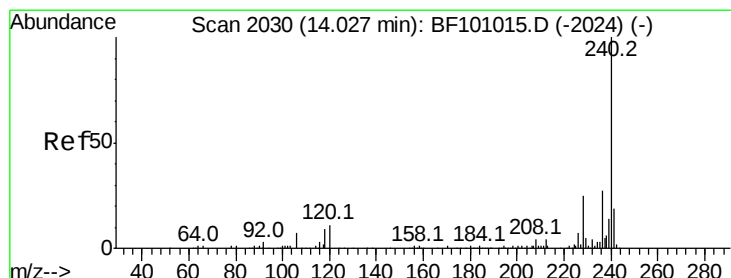
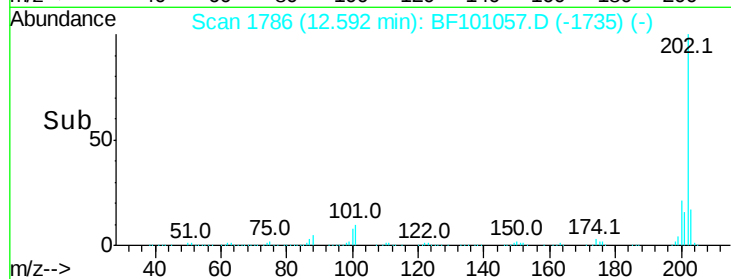
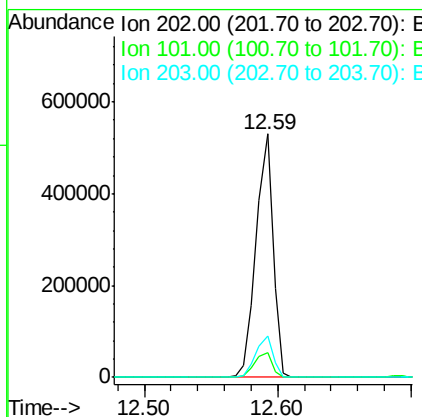
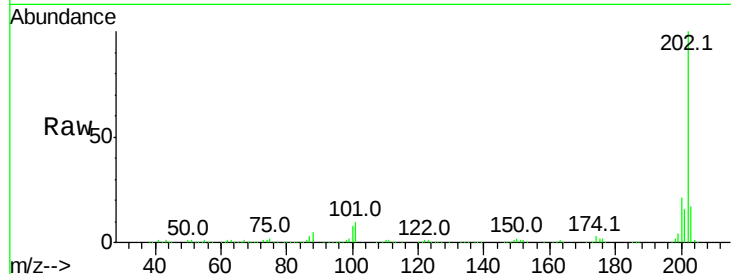
Instrument :
 BNA_F
 ClientSampleId :
 PB104630BS

Tot Ion:	202	Resp:	462378
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	34.1
203	17.0	0.0	38.1

Manual Integrations
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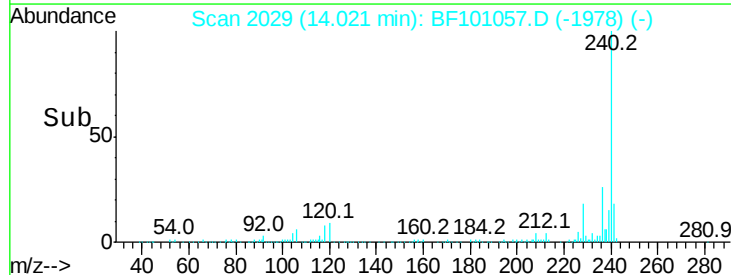
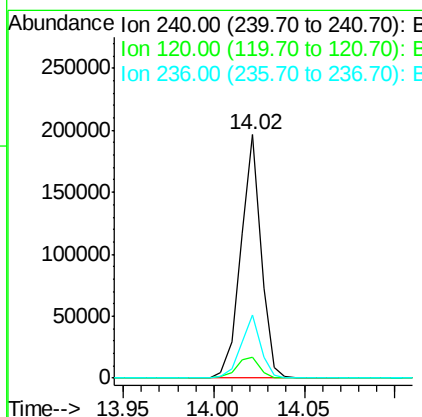
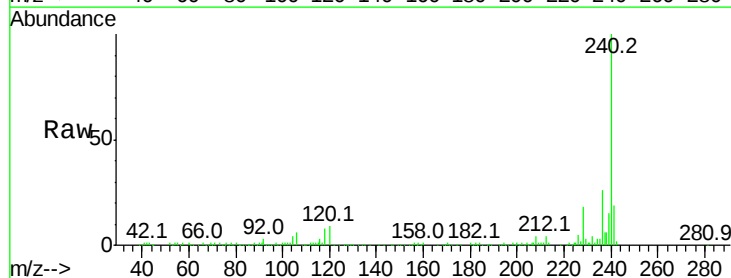
Sohil

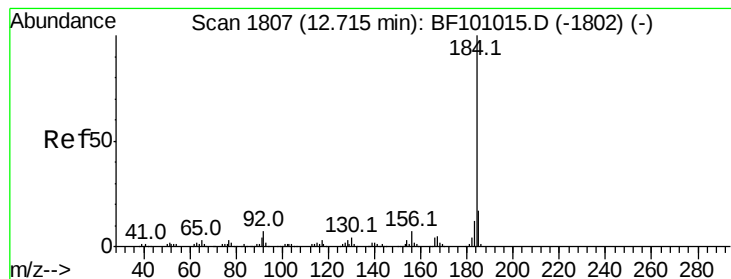
12/4/2017 11:56:24 AM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101057.D
 Acq: 1 Dec 2017 12:36

Tgt Ion:	240	Resp:	152394
Ion Ratio	Lower	Upper	
240	100		
120	8.8	9.5	14.3#
236	25.8	20.7	31.1





#76

Benzidine

Concen: 12.407 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

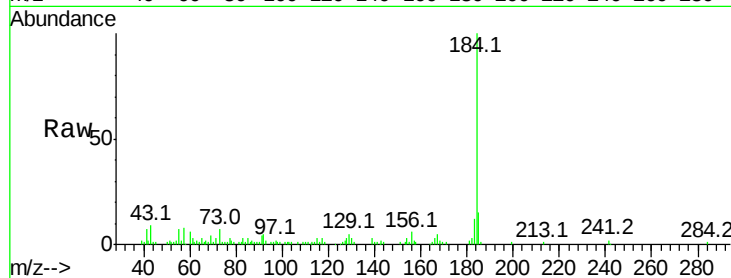
PB104630BS

Tot Ion:	184	Resp:	61485
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	11.8	9.3	13.9

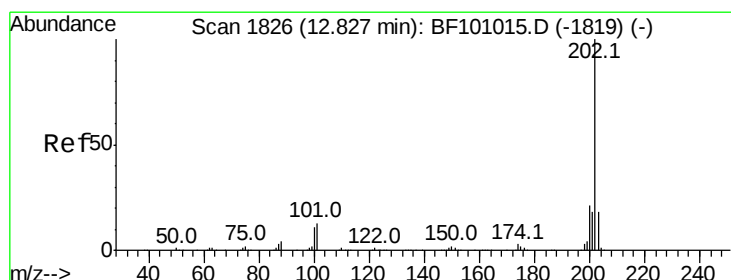
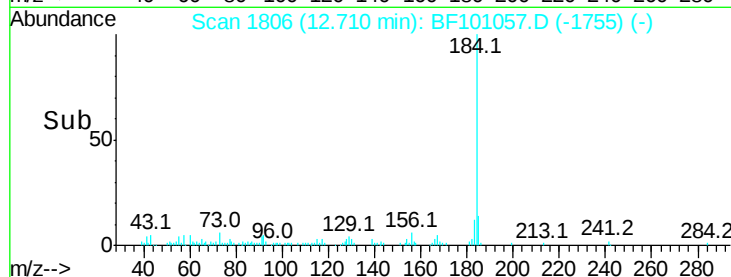
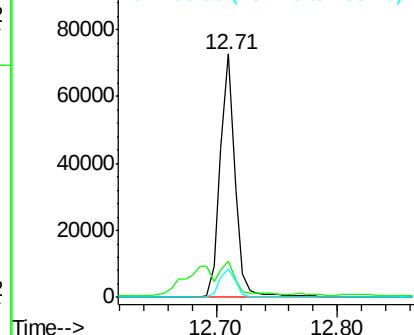
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 44.817 ng

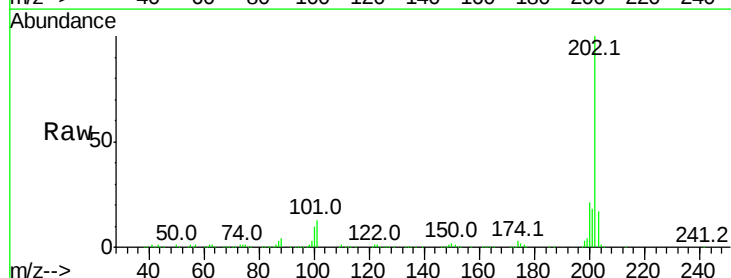
RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

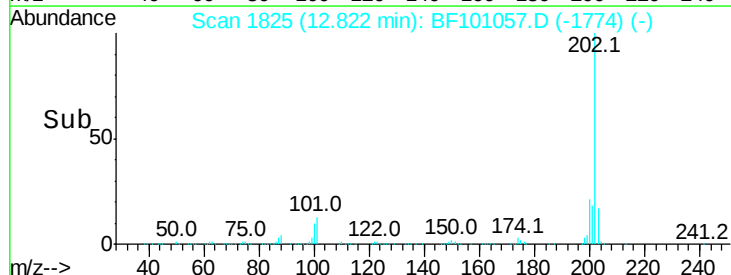
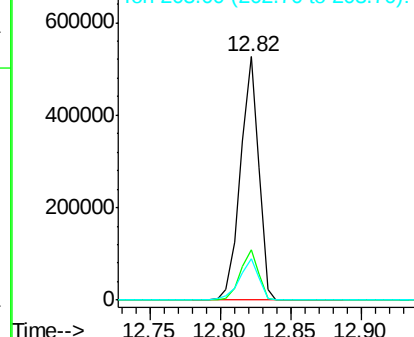
Lab File: BF101057.D

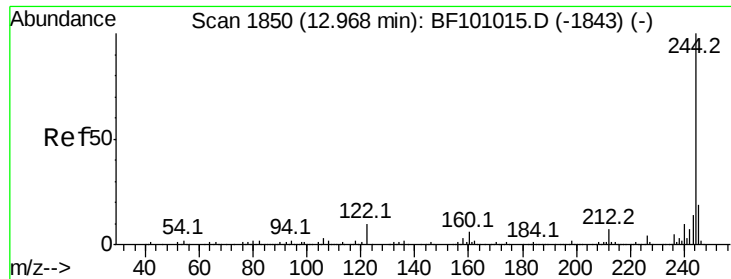
Acq: 1 Dec 2017 12:36

Tgt Ion:	202	Resp:	471282
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	17.2	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.338 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Instrument :

BNA_F

ClientSampleId :

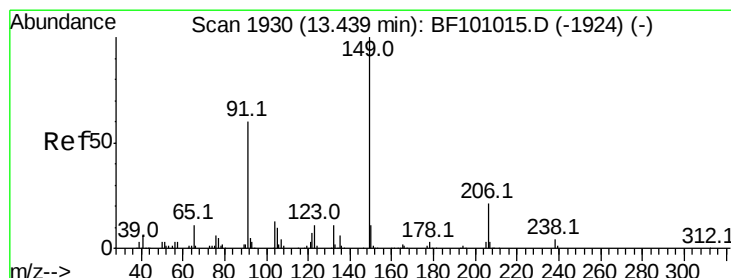
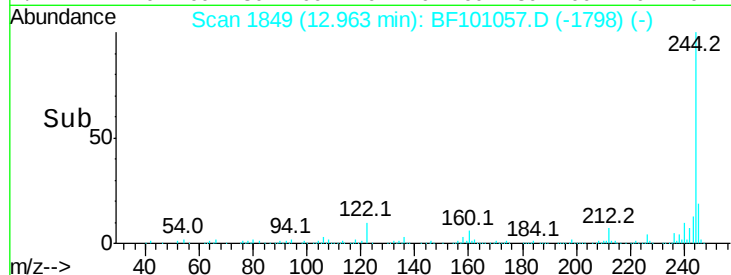
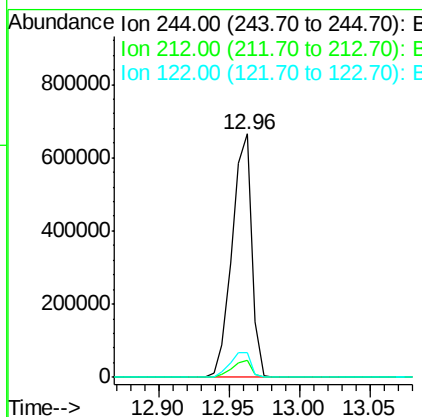
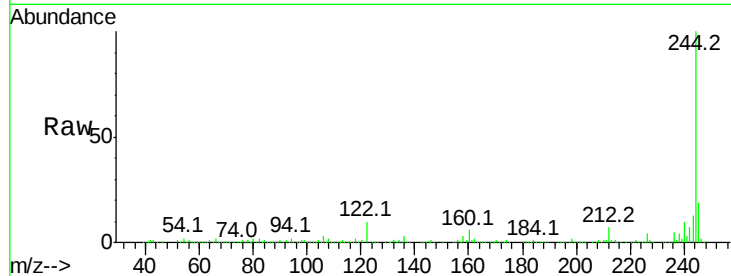
PB104630BS

Tot Ion:	244	Resp:	643347
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	10.0	11.0	16.4

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 43.815 ng

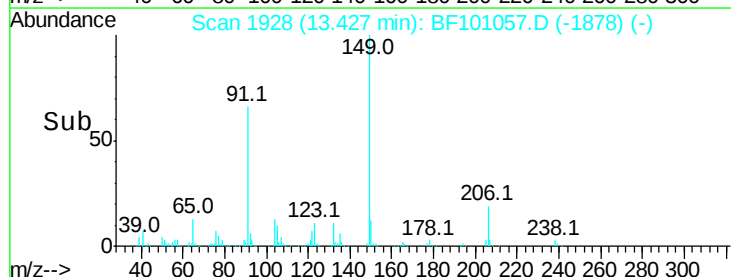
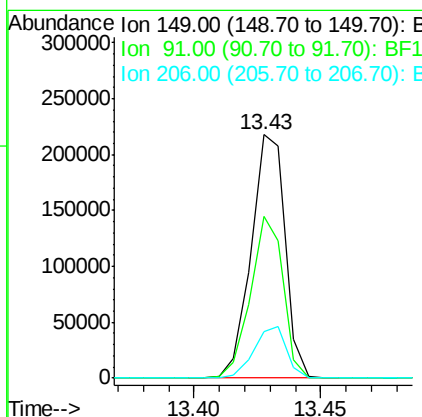
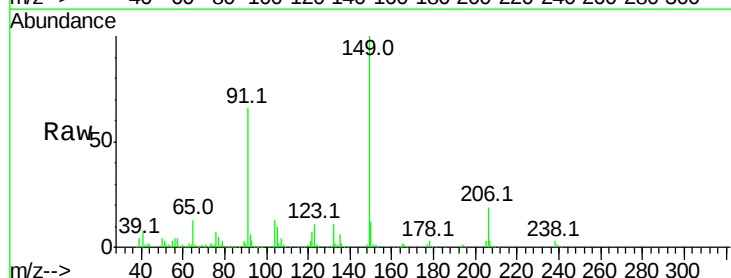
RT: 13.43 min Scan# 1928

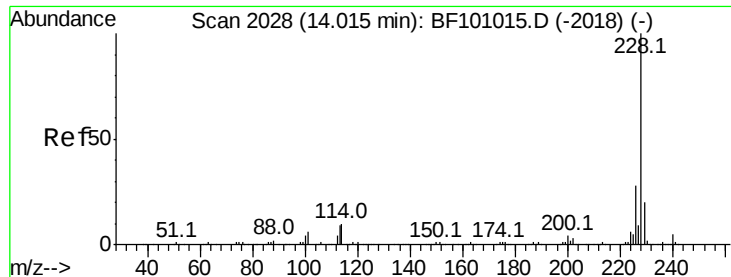
Delta R.T. -0.01 min

Lab File: BF101057.D

Acq: 1 Dec 2017 12:36

Tgt Ion:	149	Resp:	203139
Ion Ratio	Lower	Upper	
149	100		
91	66.5	56.8	85.2
206	18.9	14.1	21.1





#80
Benzo(a)anthracene
Concen: 41.052 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

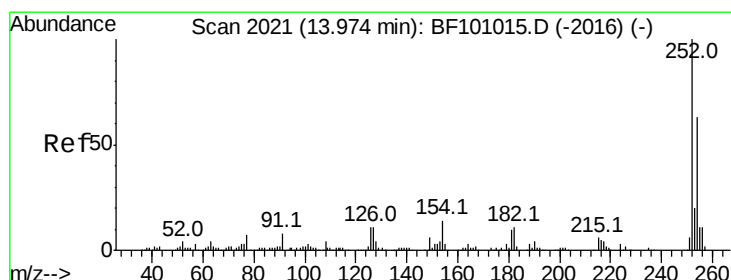
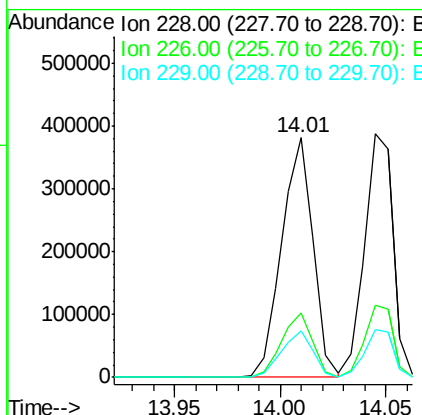
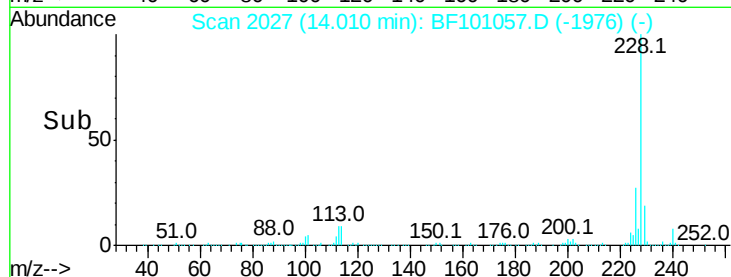
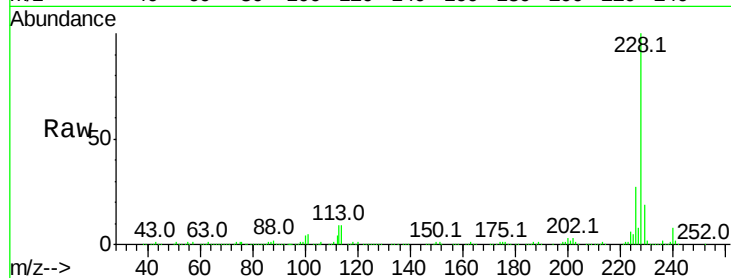
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion:	228	Resp:	395003
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.6	33.8
229	19.3	15.8	23.6

Manual Integrations
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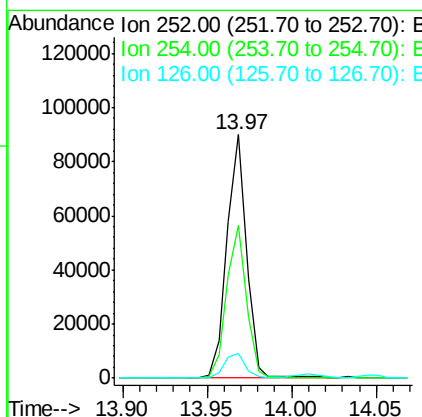
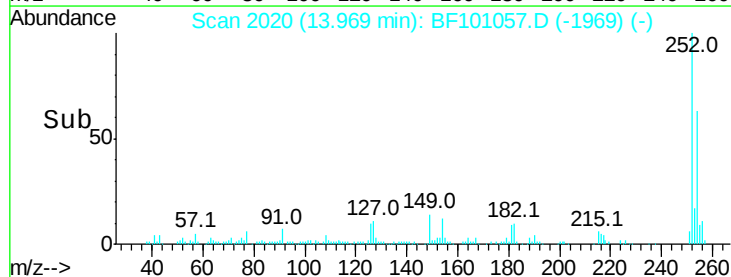
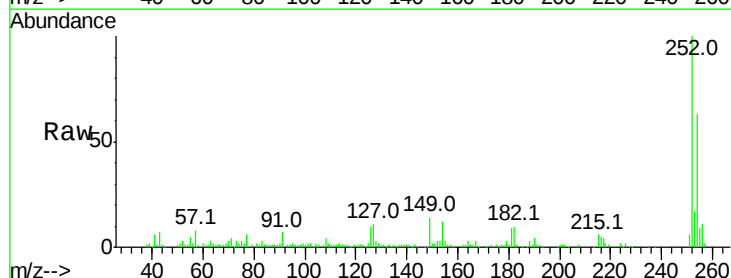
Sohil

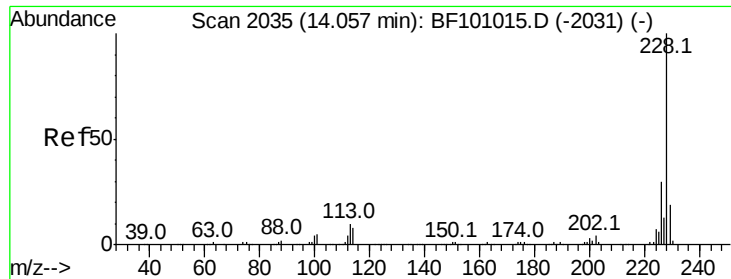
12/4/2017 11:56:24 AM



#81
3,3'-Dichlorobenzidine
Concen: 21.919 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion:	252	Resp:	73041
Ion Ratio	Lower	Upper	
252	100		
254	62.9	50.4	75.6
126	9.9	11.3	16.9#





#82
Chrysene
Concen: 41.014 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

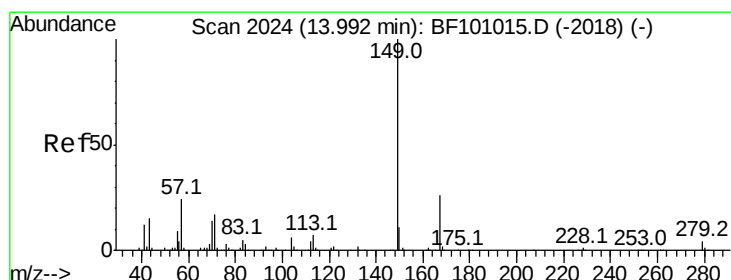
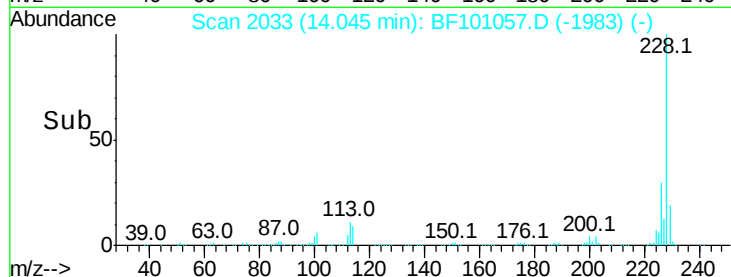
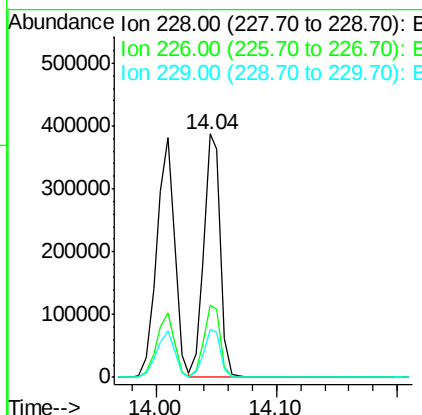
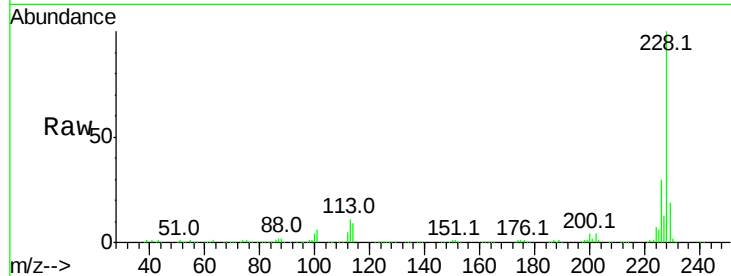
Instrument :
BNA_F
ClientSampleID :
PB104630BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.4	16.2	24.4

Manual Integrations
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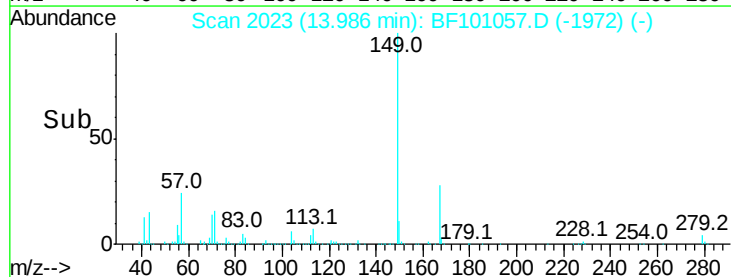
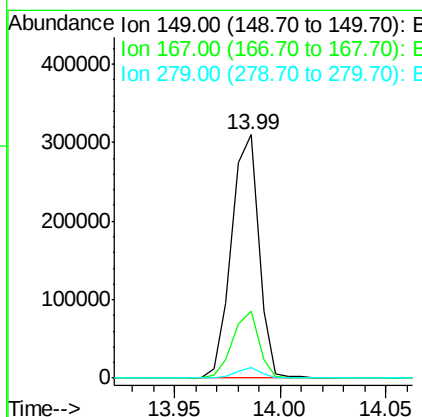
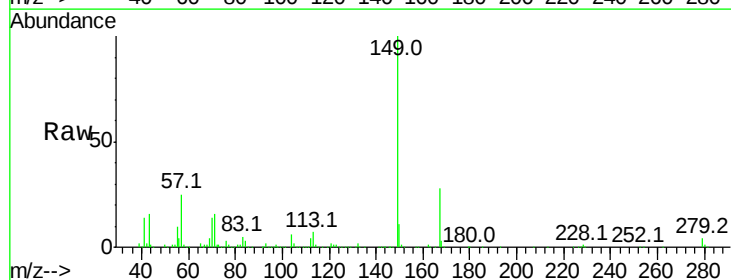
Sohil

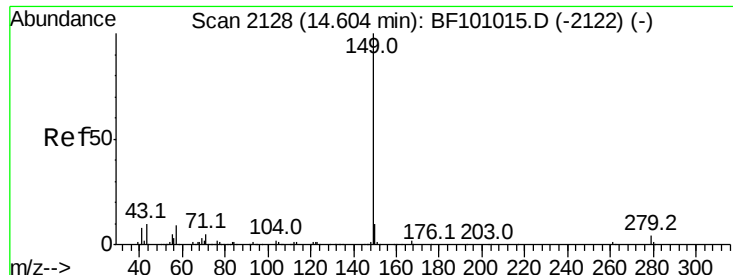
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#83
Bis(2-ethylhexyl)phthalate
Concen: 42.238 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.3	31.9
279	4.1	3.0	4.4





#84
Di-n-octyl phthalate
Concen: 37.576 ng
RT: 14.60 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

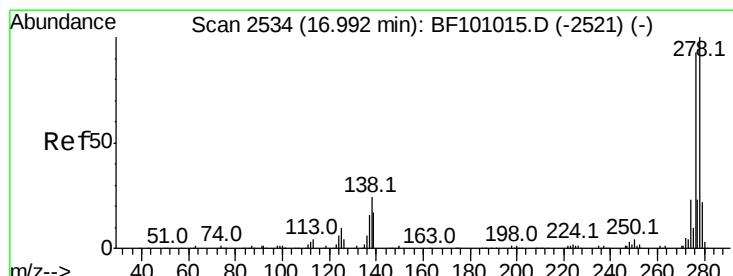
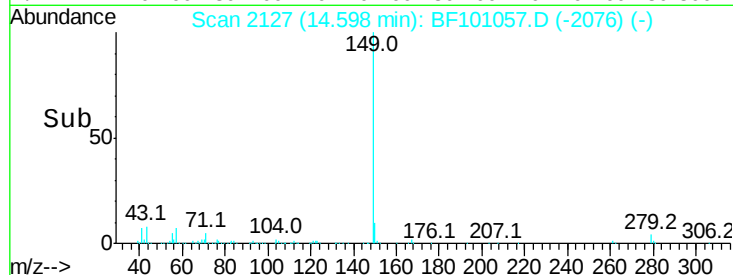
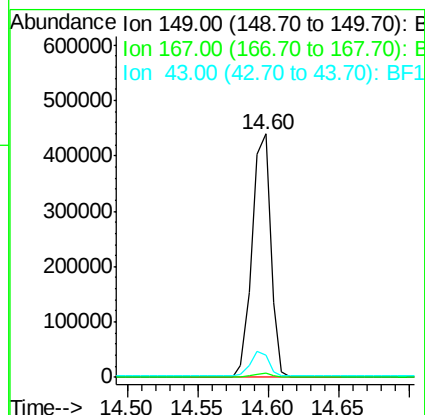
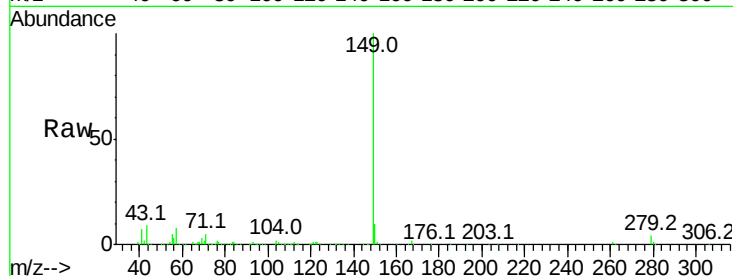
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	413580		
167	1.5		1.2	1.8
43	9.6		8.4	12.6

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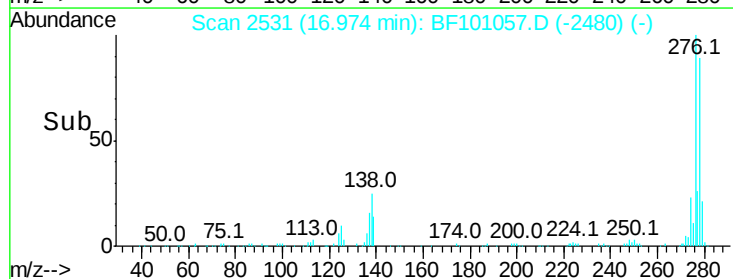
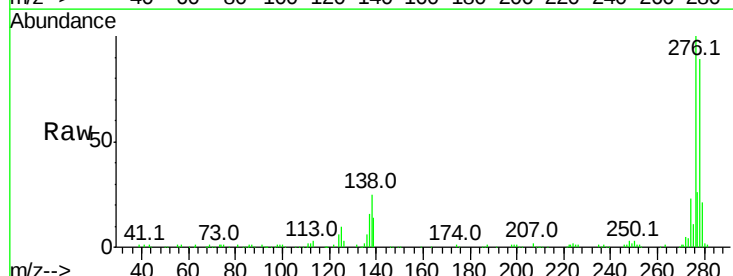
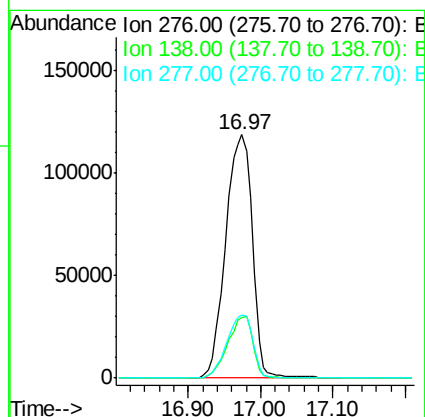
Sohil

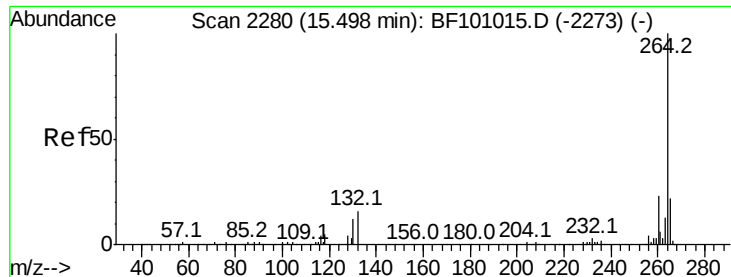
12/4/2017 11:56:24 AM



#85
Indeno(1,2,3-cd)pyrene
Concen: 38.246 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	303845		
138	23.9		25.0	37.6#
277	25.4		20.1	30.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

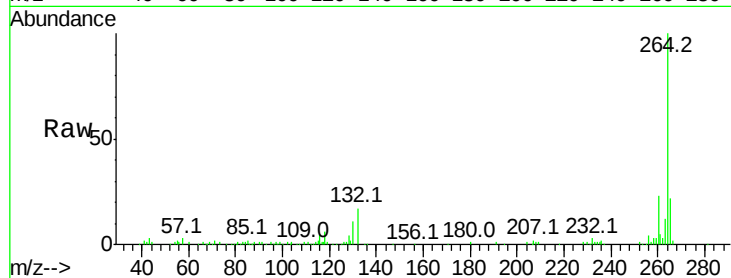
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.6	17.5	26.3

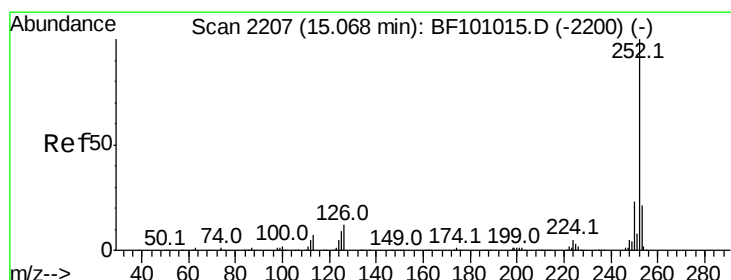
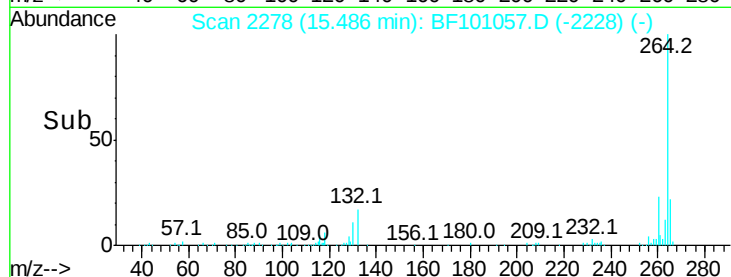
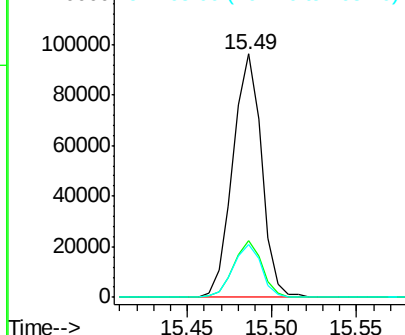
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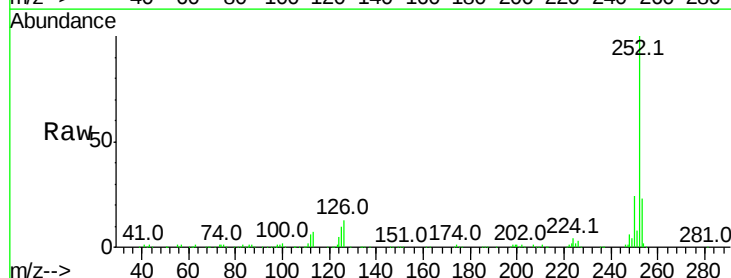


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

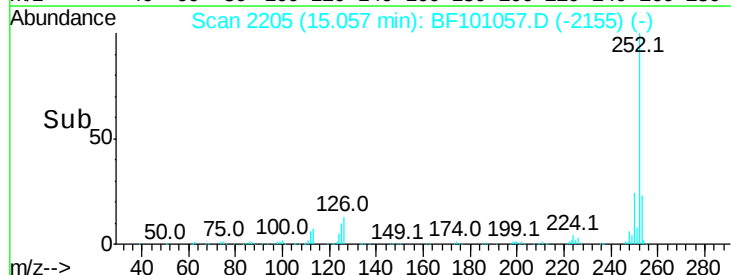
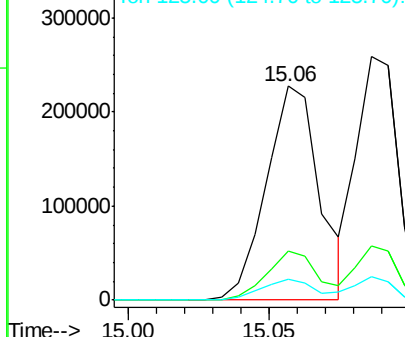


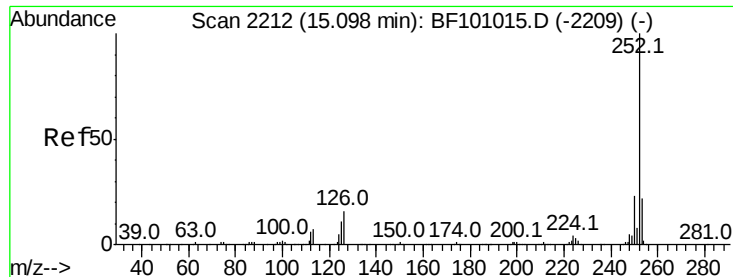
#87
Benzo(b)fluoranthene
Concen: 43.761 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.0	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88
Benzo(k)fluoranthene
Concen: 39.434 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

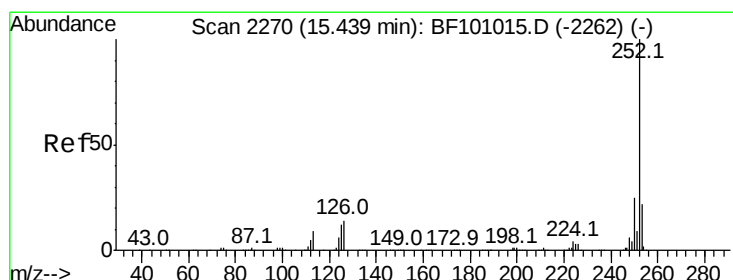
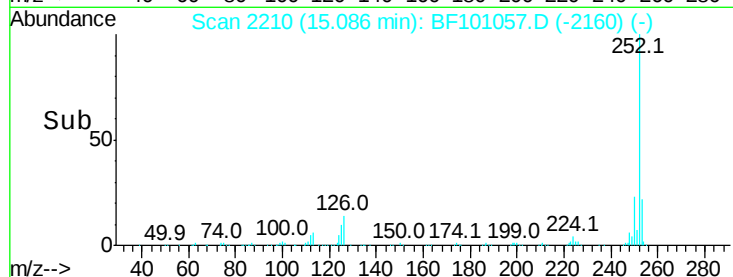
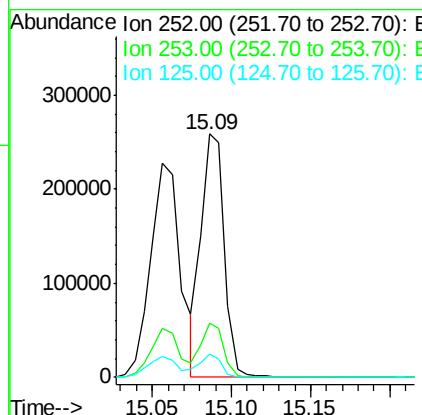
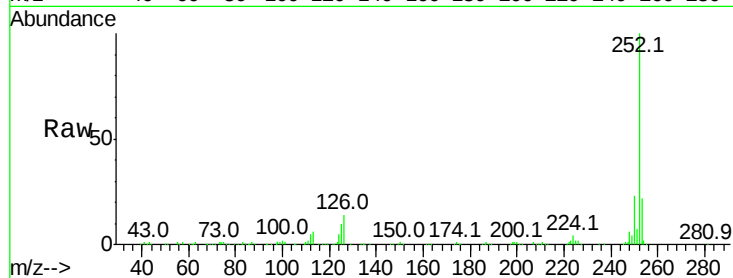
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.7	10.2	15.2#

Manual Integrations
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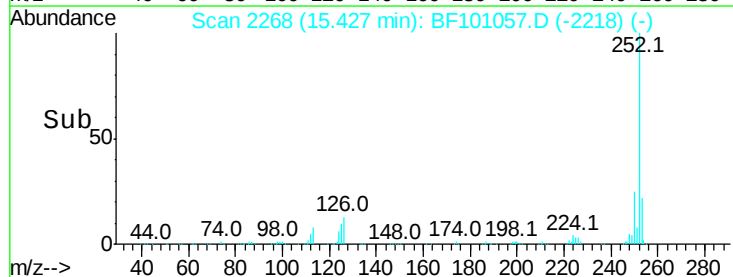
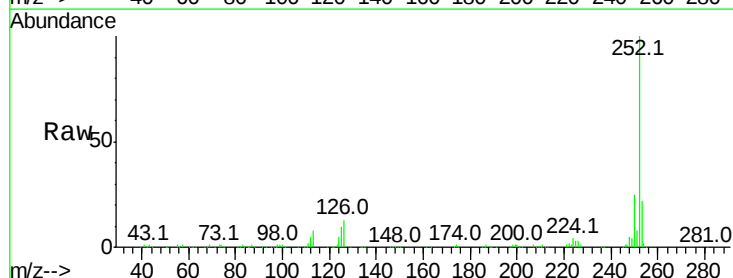
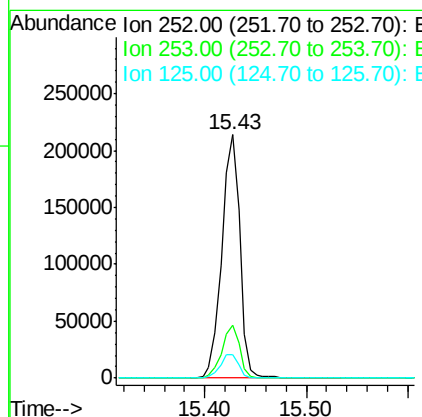
Sohil

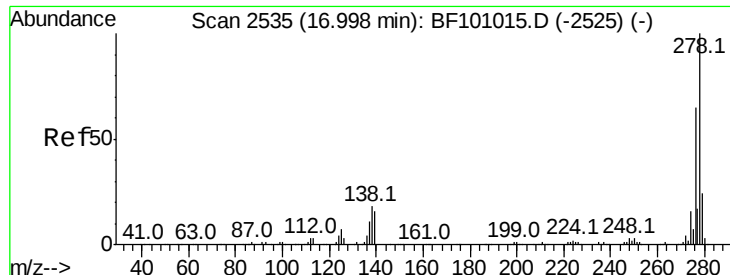
12/4/2017 11:56:24 AM



#89
Benzo(a)pyrene
Concen: 42.639 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.9	9.8	14.6





#90
Dibenzo(a,h)anthracene
Concen: 45.786 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

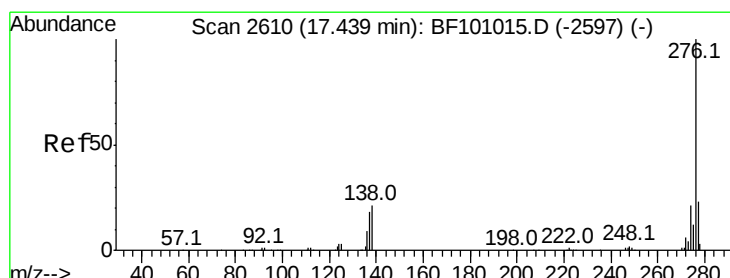
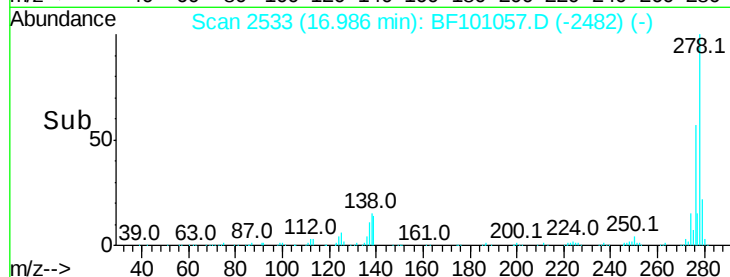
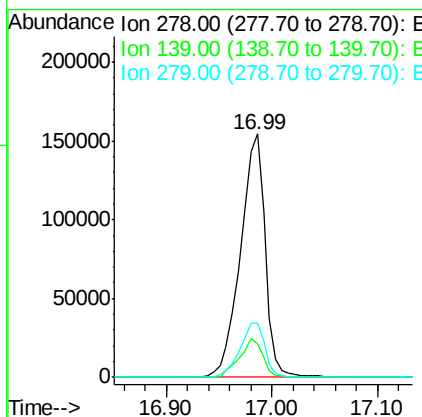
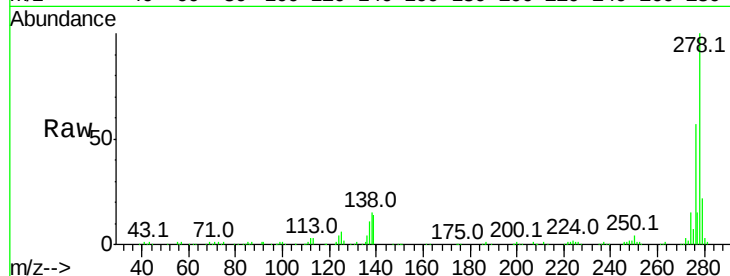
Instrument :
BNA_F
ClientSampleId :
PB104630BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	15.9	23.9#
279	22.3	19.0	28.4

Manual Integrations
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Sohil

12/4/2017 11:56:24 AM



#91
Benzo(g,h,i)perylene
Concen: 51.466 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF101057.D
Acq: 1 Dec 2017 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	18.5	21.8	32.8#

