

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098603.D
 Acq On : 18 Sep 2017 15:41
 Operator : SJ/JU
 Sample : PB102381BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:31:41 PM

Quant Time: Sep 19 06:22:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	112105	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	491141	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	250236	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	477255	20.00	ng	0.00
75) Chrysene-d12	13.79	240	320186	20.00	ng	0.00
86) Perylene-d12	15.18	264	247554	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	615949	81.24	ng	0.01
7) Phenol-d6	6.29	99	754939	78.42	ng	0.00
23) Nitrobenzene-d5	7.21	82	705073	80.03	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	178347	106.79	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1395811	94.54	ng	0.00
78) Terphenyl-d14	12.74	244	1298090	87.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	113283	28.947	ng	90
3) Pyridine	2.98	79	278935	26.839	ng	# 81
4) n-Nitrosodimethylamine	2.95	42	155100	30.441	ng	83
6) Aniline	6.30	93	323040	26.748	ng	# 29
8) 2-Chlorophenol	6.42	128	323628	38.816	ng	95
9) Benzaldehyde	6.18	77	130424	20.725	ng	94
10) Phenol	6.30	94	404399	36.166	ng	77
11) bis(2-Chloroethyl)ether	6.37	93	285116	33.819	ng	94
12) 1,3-Dichlorobenzene	6.57	146	318330m	37.933	ng	
13) 1,4-Dichlorobenzene	6.65	146	325100	37.820	ng	97
14) 1,2-Dichlorobenzene	6.80	146	308675	39.415	ng	98
15) Benzyl Alcohol	6.79	79	286065	44.649	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.92	45	464266	33.469	ng	# 36
17) 2-Methylphenol	6.91	107	267223	39.305	ng	# 88
18) Hexachloroethane	7.14	117	121545	36.922	ng	88
19) n-Nitroso-di-n-propylamine	7.06	70	236473	39.051	ng	95
20) 3+4-Methylphenols	7.07	107	363397	42.355	ng	# 65
22) Acetophenone	7.05	105	463798	36.537	ng	# 92
24) Nitrobenzene	7.23	77	343733	34.254	ng	95
25) Isophorone	7.47	82	627675	35.214	ng	96
26) 2-Nitrophenol	7.54	139	173755	42.885	ng	# 77
27) 2,4-Dimethylphenol	7.59	122	295126	38.211	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	388717	35.740	ng	99
29) 2,4-Dichlorophenol	7.79	162	282037	43.906	ng	94
30) 1,2,4-Trichlorobenzene	7.86	180	293114	41.947	ng	97
31) Naphthalene	7.94	128	948611	39.070	ng	100
32) Benzoic acid	7.76	122	178887	36.763	ng	94
33) 4-Chloroaniline	8.00	127	223442	22.644	ng	99
34) Hexachlorobutadiene	8.05	225	157257	43.838	ng	98
35) Caprolactam	8.39	113	93215m	42.082	ng	
36) 4-Chloro-3-methylphenol	8.50	107	327603	41.123	ng	# 85
37) 2-Methylnaphthalene	8.63	142	650975	44.263	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	285591	36.639	ng	99
40) Hexachlorocyclopentadiene	8.78	237	161853	72.023	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	186744	40.788	nq	93
43) 2,4,5-Trichlorophenol	8.97	196	199205	41.627	nq	91
45) 1,1'-Biphenyl	9.10	154	809591	36.146	nq	98
46) 2-Chloronaphthalene	9.12	162	618299	38.654	nq	93
47) 2-Nitroaniline	9.23	65	224475	36.563	nq	94
48) Acenaphthylene	9.53	152	906391	38.110	nq	98
49) Dimethylphthalate	9.40	163	785745	40.564	nq	100
50) 2,6-Dinitrotoluene	9.47	165	168947	42.461	nq #	81
51) Acenaphthene	9.70	154	578846	38.288	nq	98
52) 3-Nitroaniline	9.64	138	118409	24.653	nq	94
53) 2,4-Dinitrophenol	9.76	184	142668	76.296	nq #	78
54) Dibenzofuran	9.88	168	853887	42.873	nq	99
55) 4-Nitrophenol	9.83	139	181202	65.665	nq #	48
56) 2,4-Dinitrotoluene	9.88	165	216193	44.693	nq #	50
57) Fluorene	10.22	166	676140	41.015	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	160430	49.884	nq	95
59) Diethylphthalate	10.10	149	766736	41.621	nq	98
60) 4-Chlorophenyl-phenylether	10.21	204	339509	44.588	nq	92
61) 4-Nitroaniline	10.26	138	164209	33.853	nq	82
62) Azobenzene	10.37	77	741462	37.344	nq	94
64) 4,6-Dinitro-2-methylphenol	10.29	198	111956	39.255	nq	83
65) n-Nitrosodiphenylamine	10.33	169	618449	39.908	nq	98
66) 4-Bromophenyl-phenylether	10.70	248	199732	44.095	nq	98
67) Hexachlorobenzene	10.77	284	196671	42.806	nq #	92
68) Atrazine	10.87	200	214717	45.006	nq	97
69) Pentachlorophenol	10.97	266	145202	72.140	nq	94
70) Phenanthrene	11.18	178	1039139	41.072	nq	97
71) Anthracene	11.23	178	1079583	41.560	nq	97
72) Carbazole	11.39	167	905332	37.397	nq	99
73) Di-n-butylphthalate	11.72	149	1238751	42.707	nq	99
74) Fluoranthene	12.36	202	1034293	40.836	nq	97
76) Benzidine	12.49	184	467464	32.989	nq #	93
77) Pyrene	12.59	202	1040431	41.192	nq	99
79) Butylbenzylphthalate	13.21	149	499149	45.552	nq #	81
80) Benzo(a)anthracene	13.78	228	768487	40.938	nq	98
81) 3,3'-Dichlorobenzidine	13.74	252	186509	25.566	nq #	95
82) Chrysene	13.82	228	727093	38.318	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	688971	50.099	nq #	99
84) Di-n-octyl phthalate	14.38	149	1115649	47.283	nq	99
85) Indeno(1,2,3-cd)pyrene	16.52	276	560331	42.090	nq #	92
87) Benzo(b)fluoranthene	14.79	252	643839	41.363	nq	97
88) Benzo(k)fluoranthene	14.82	252	605284	41.654	nq #	92
89) Benzo(a)pyrene	15.13	252	570456	41.137	nq	98
90) Dibenzo(a,h)anthracene	16.52	278	472268	46.817	nq	97
91) Benzo(g,h,i)perylene	16.92	276	467447	46.071	nq #	92

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

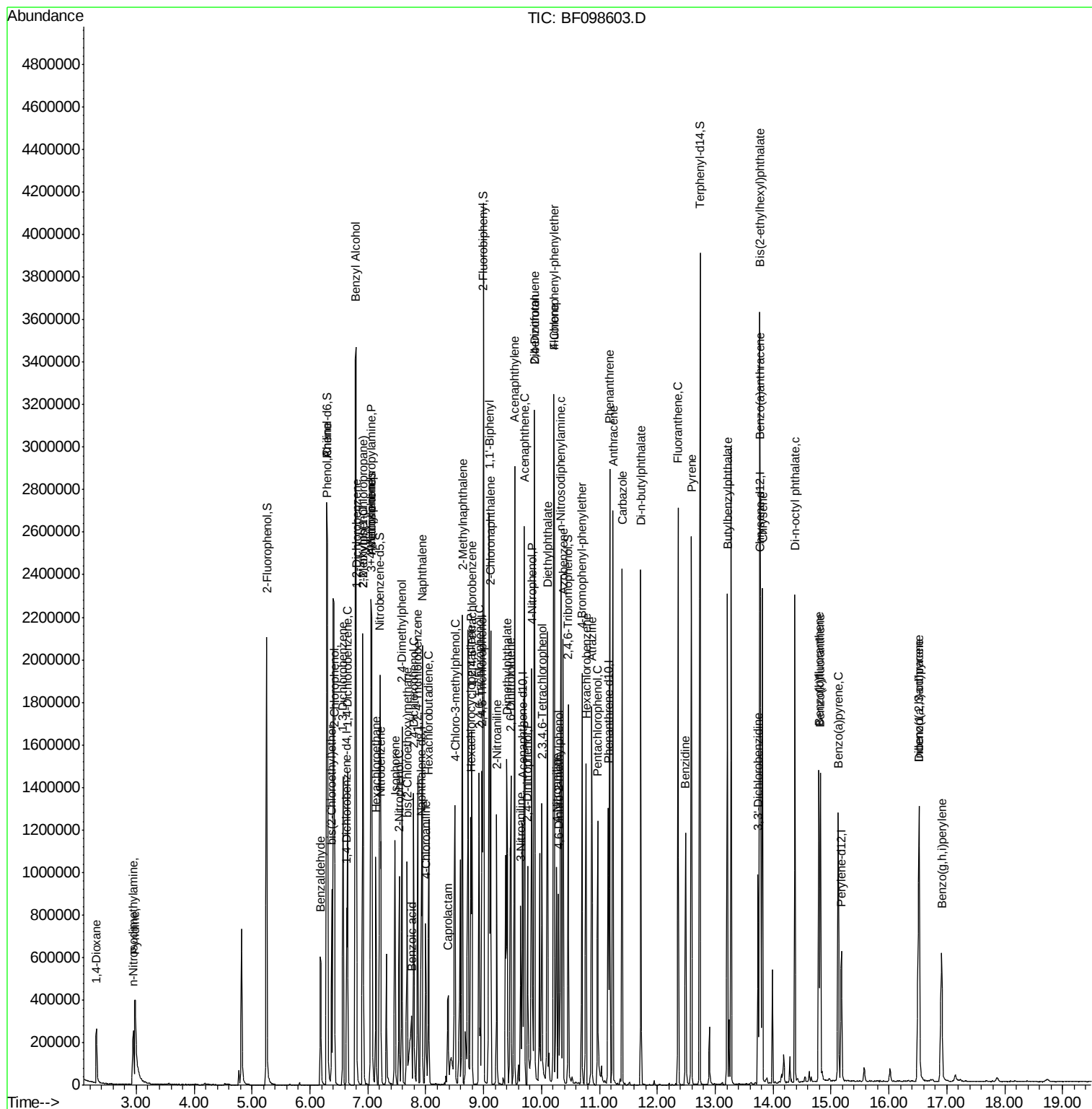
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Operator  : SJ/JU  
Sample    : PB102381BSD  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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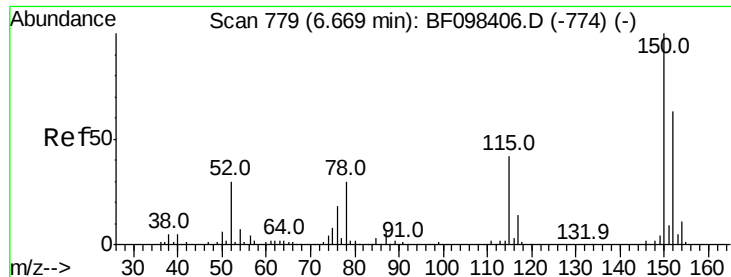
Instrument :
BNA_F
ClientSampleId :
PB102381BSD

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#1

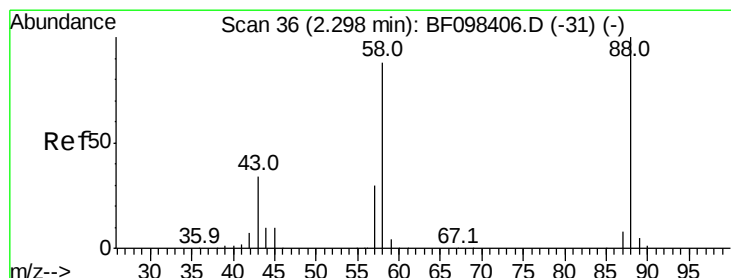
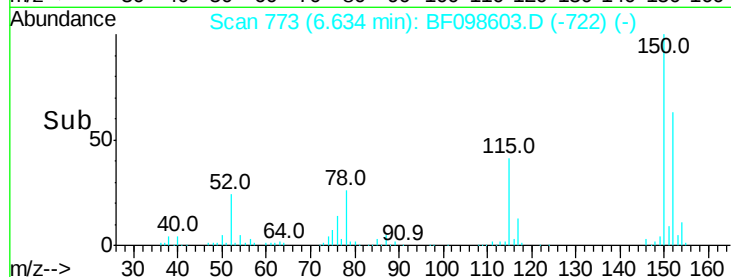
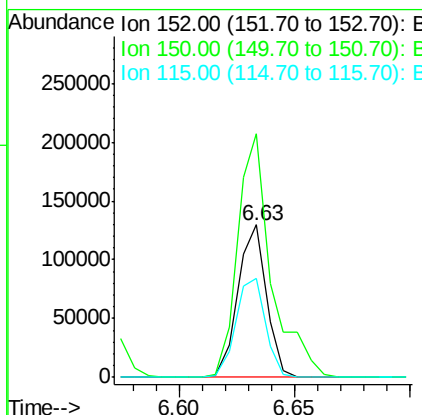
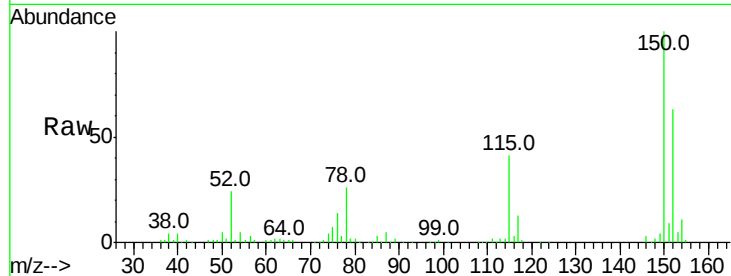
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	65.1	52.2	78.2

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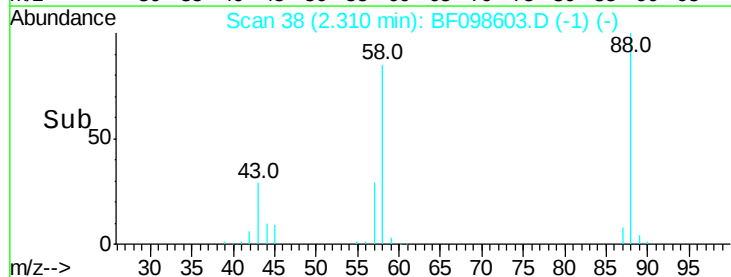
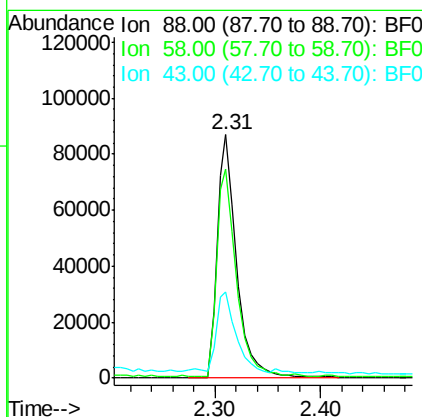
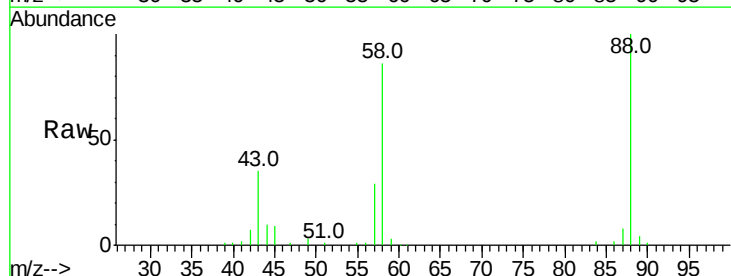
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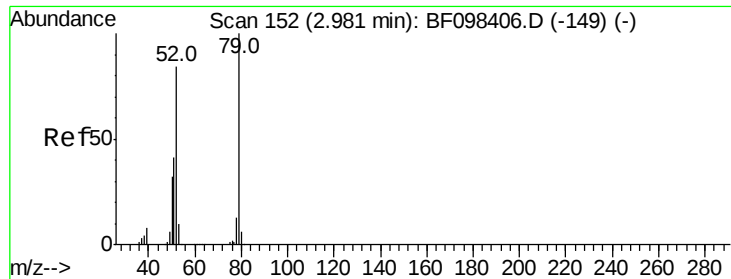


#2

1,4-Dioxane
Concen: 28.947 ng
RT: 2.31 min Scan# 38
Delta R.T. 0.07 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	61.4	92.0
43	33.1	23.4	35.0





#3

Pvridine

Concen: 26.839 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.07 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

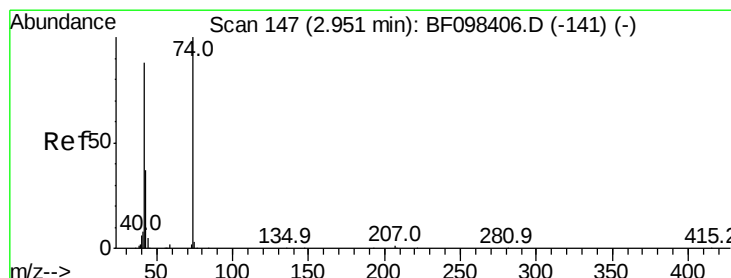
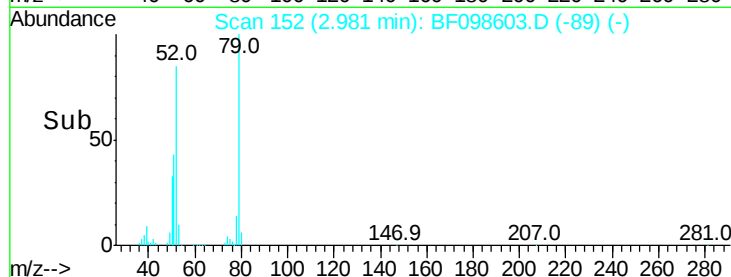
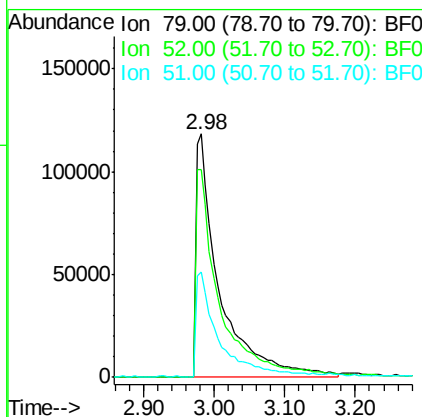
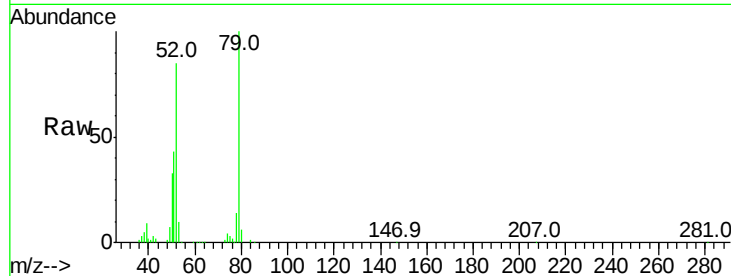
ClientSampleId :

PB102381BSD

Tot Ion:	79	Resp:	278935
Ion Ratio	Lower	Upper	
79	100		
52	85.2	54.8	82.2#
51	43.3	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 30.441 ng

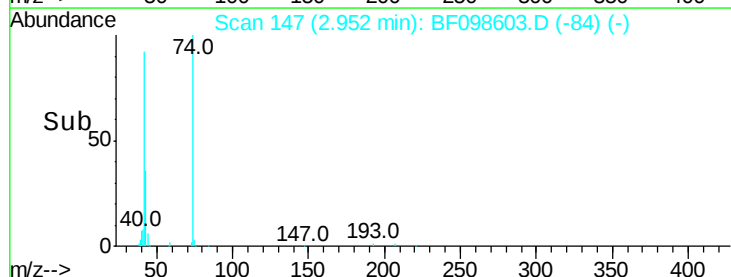
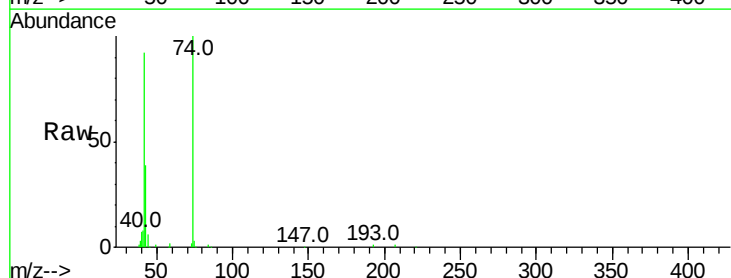
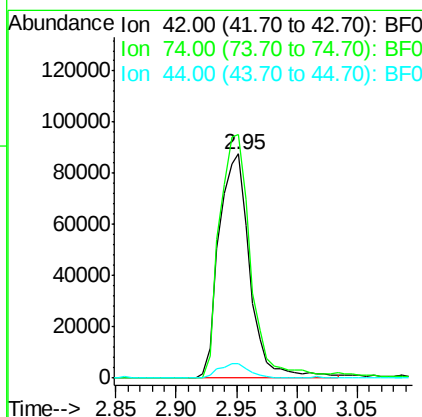
RT: 2.95 min Scan# 147

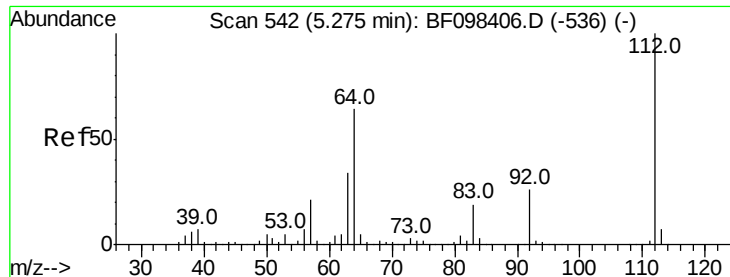
Delta R.T. 0.07 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion:	42	Resp:	155100
Ion Ratio	Lower	Upper	
42	100		
74	108.6	103.9	155.9
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 81.236 ng

RT: 5.25 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

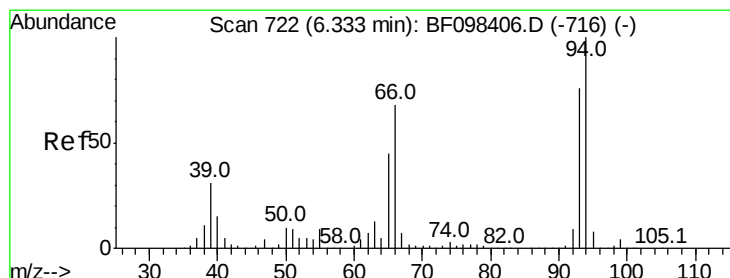
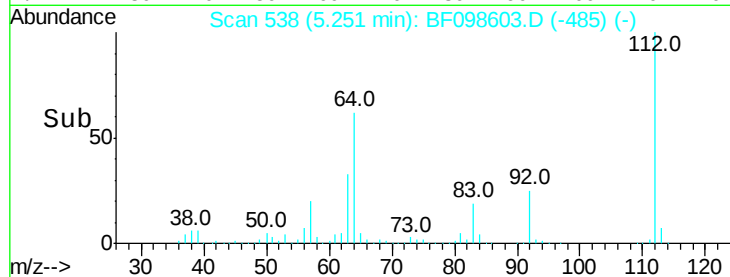
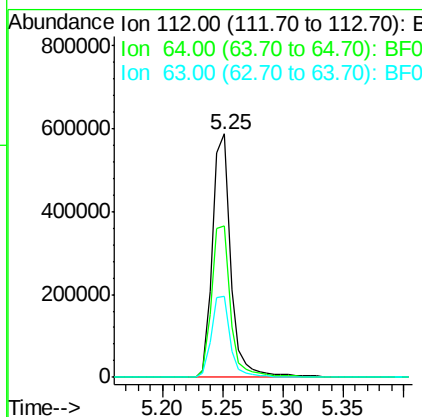
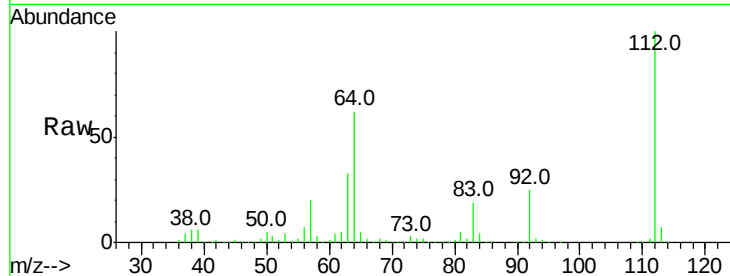
ClientSampleId :

PB102381BSD

Tot Ion:	112	Resp:	615949
Ion Ratio	Lower	Upper	
112	100		
64	62.2	46.0	69.0
63	33.3	23.4	35.0

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#6

Aniline

Concen: 26.748 ng

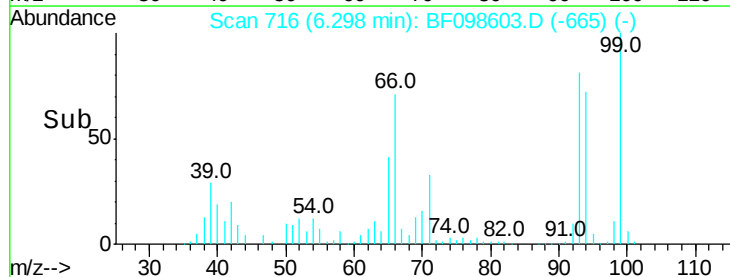
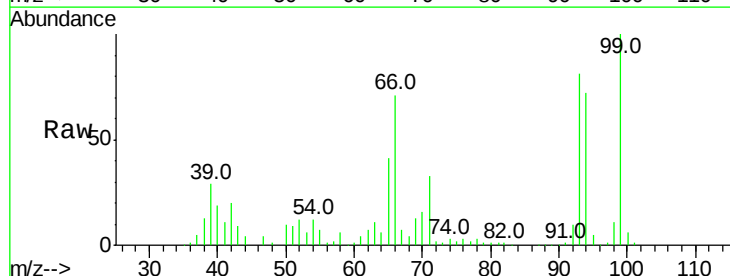
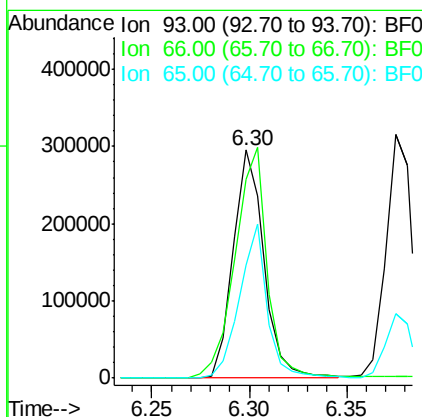
RT: 6.30 min Scan# 716

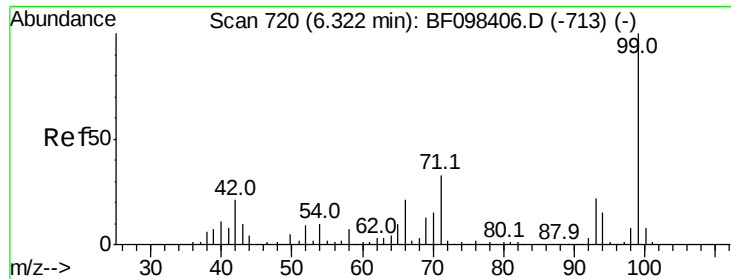
Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion:	93	Resp:	323040
Ion Ratio	Lower	Upper	
93	100		
66	87.3	32.9	49.3#
65	49.8	16.0	24.0#





#7

Phenol-d6

Concen: 78.420 ng

RT: 6.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

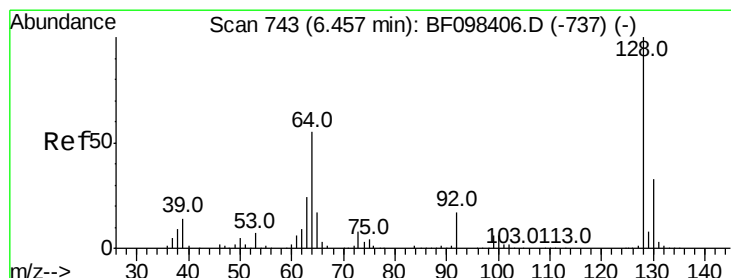
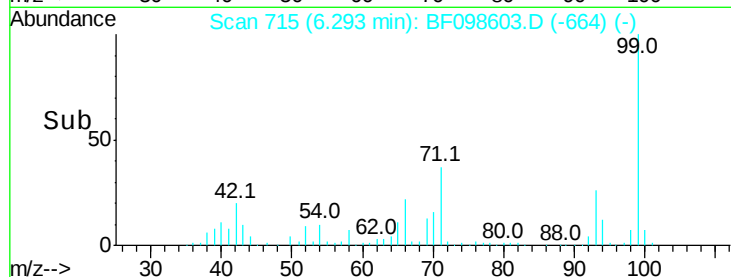
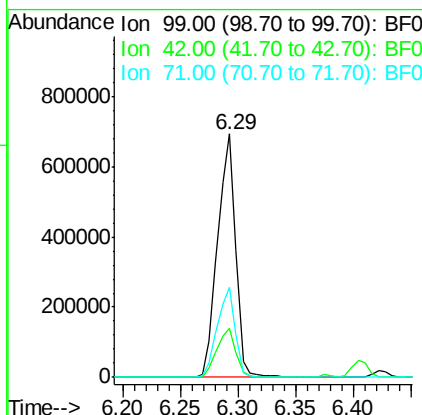
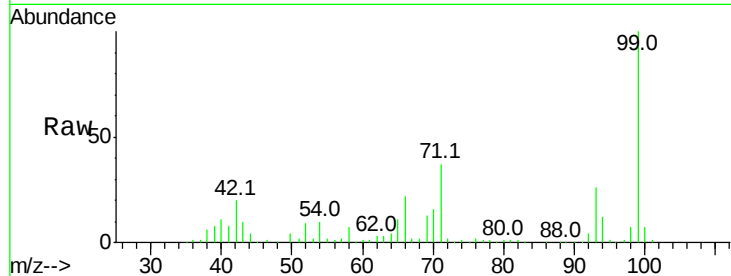
ClientSampleId :

PB102381BSD

Tot Ion:	99	Resp:	754939
Ion Ratio	Lower	Upper	
99	100		
42	19.9	13.5	20.3
71	37.2	24.5	36.7#

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#8

2-Chlorophenol

Concen: 38.816 ng

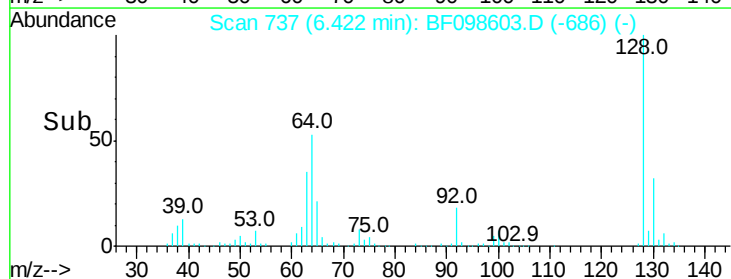
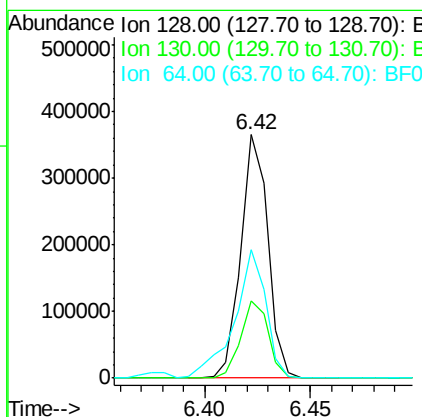
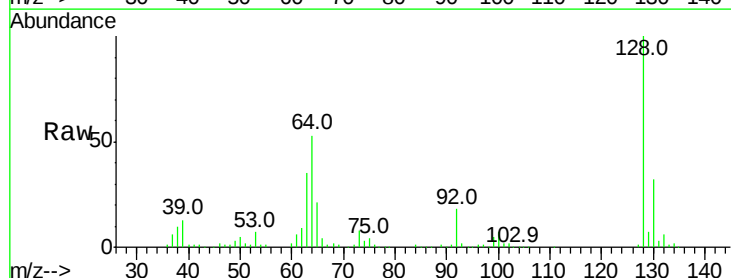
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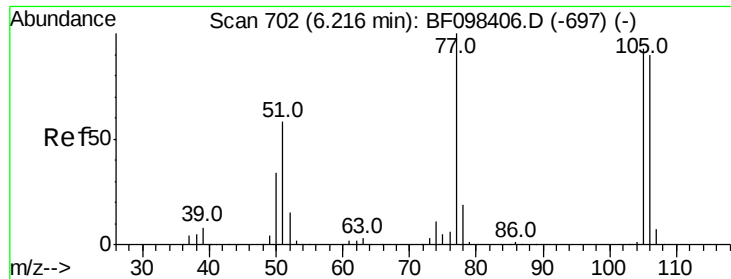
Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion:	128	Resp:	323628
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	53.0	28.4	68.4





#9

Benzaldehyde

Concen: 20.725 ng

RT: 6.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

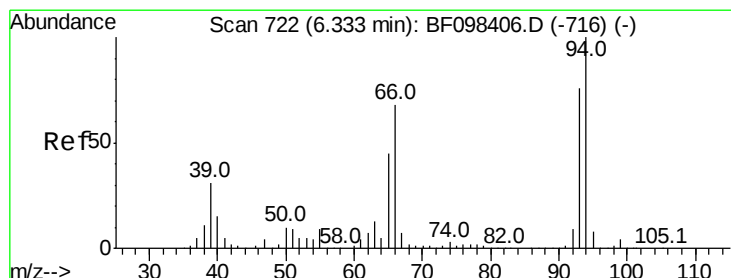
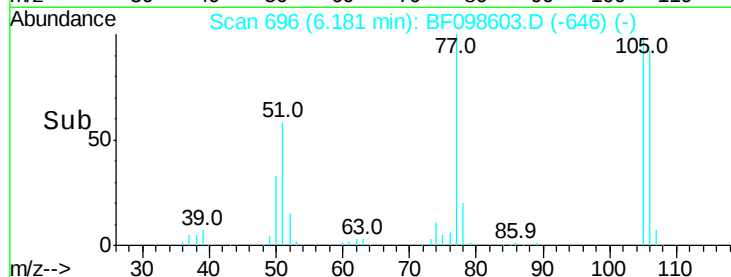
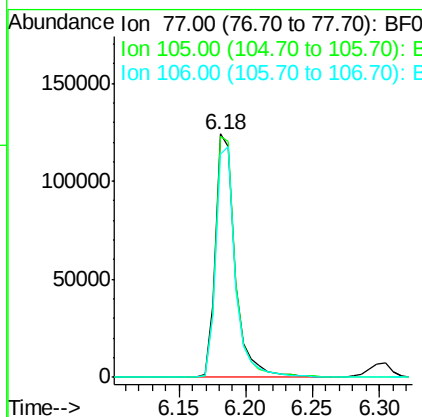
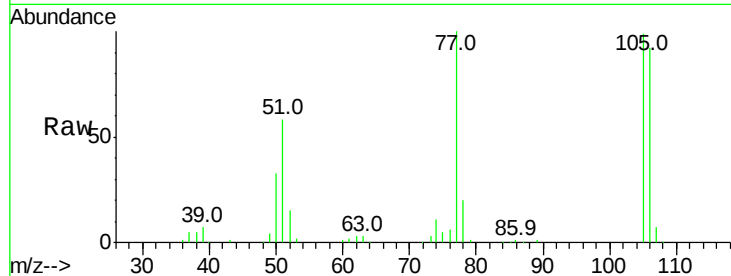
ClientSampleId :

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Tot Ion:	77	Resp:	130424
Ion Ratio	Lower	Upper	
77	100		
105	99.1	83.8	123.8
106	91.5	79.1	119.1

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#10

Phenol

Concen: 36.166 ng

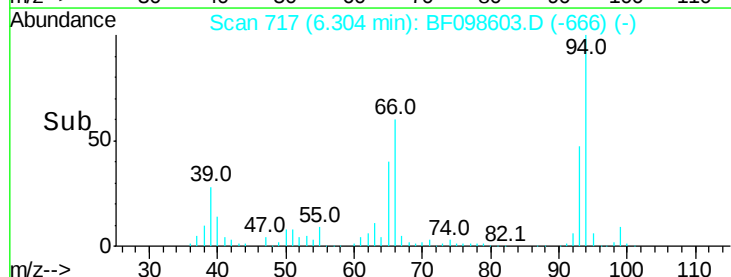
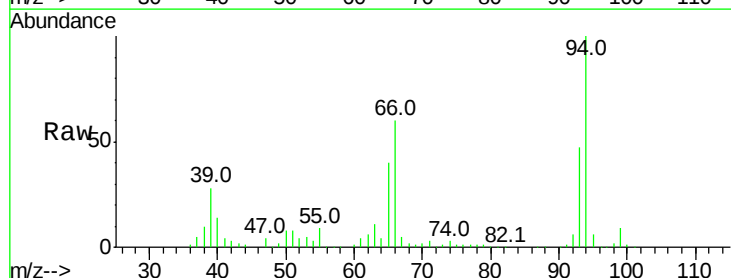
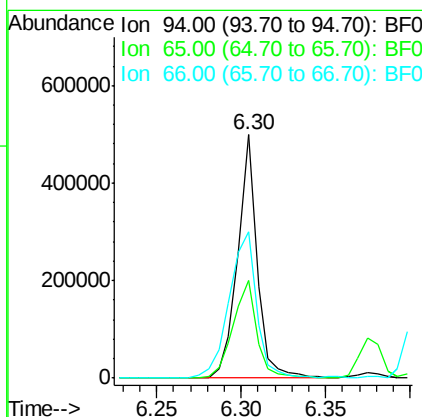
RT: 6.30 min Scan# 717

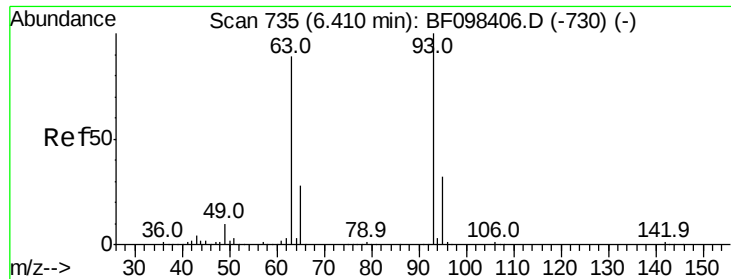
Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion:	94	Resp:	404399
Ion Ratio	Lower	Upper	
94	100		
65	40.1	9.9	49.9
66	60.0	23.1	63.1





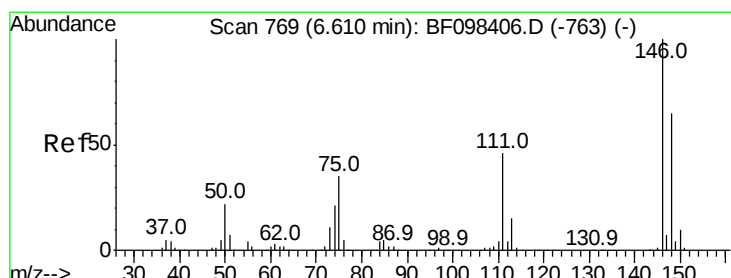
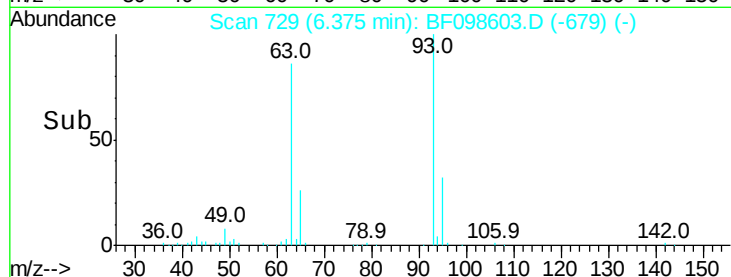
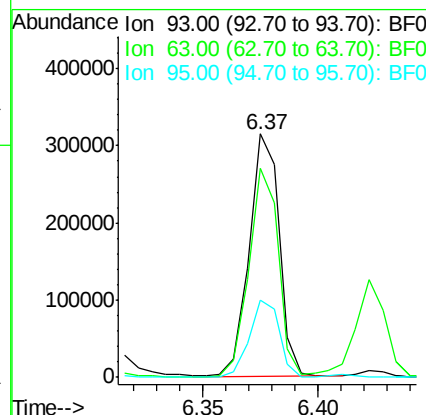
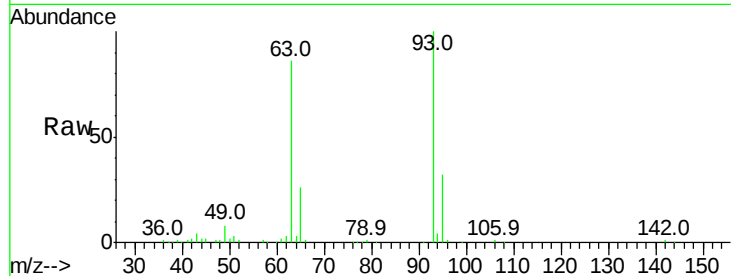
#11
bis(2-Chloroethyl)ether
Concen: 33.819 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	59.2	99.2
95	31.6	12.8	52.8

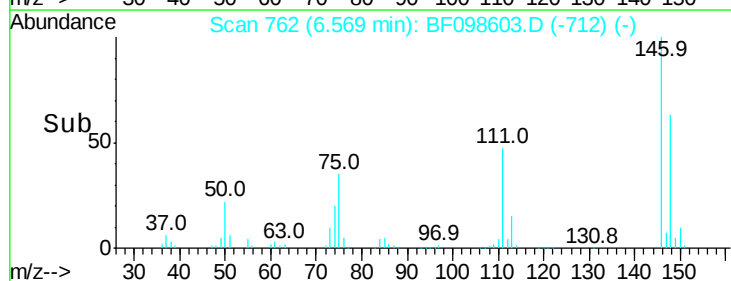
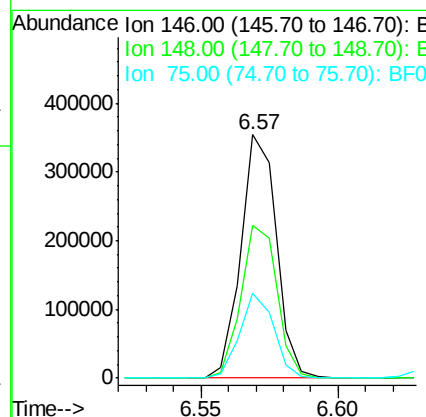
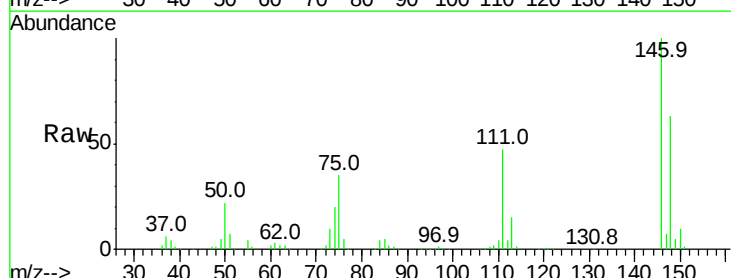
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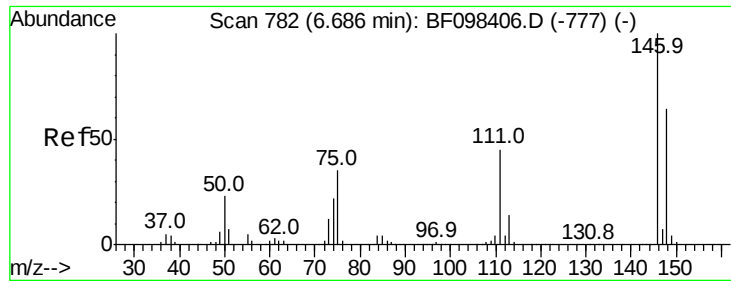
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.933 ng m
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.6
75	35.0	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 37.820 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

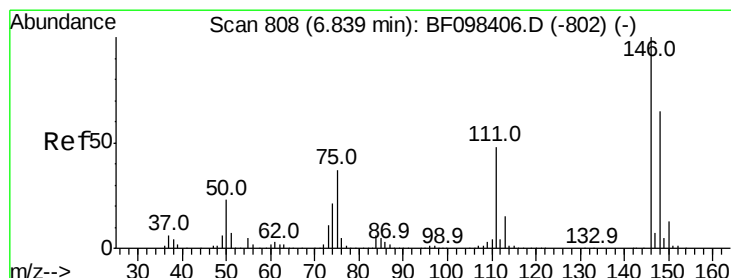
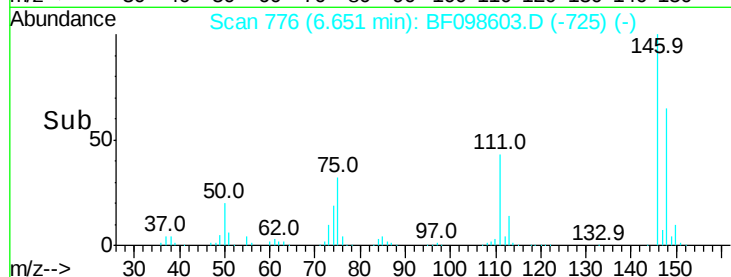
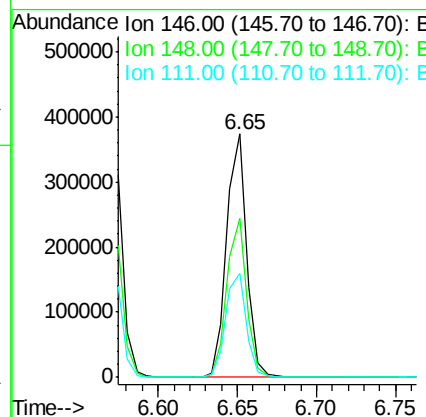
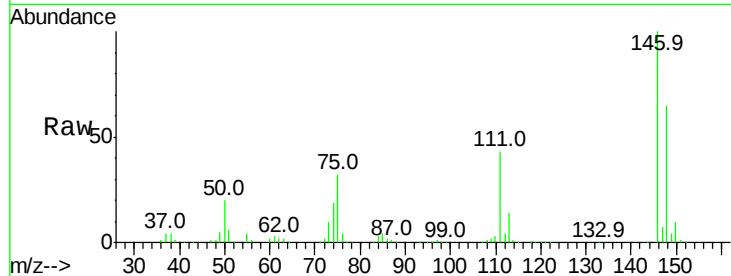
ClientSampleId :

PB102381BSD

Tot Ion:	146	Resp:	325100
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.2
111	42.5	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.415 ng

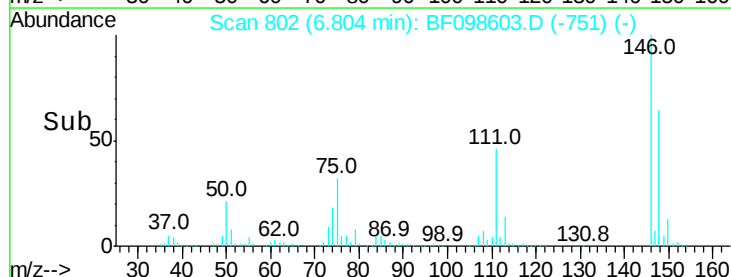
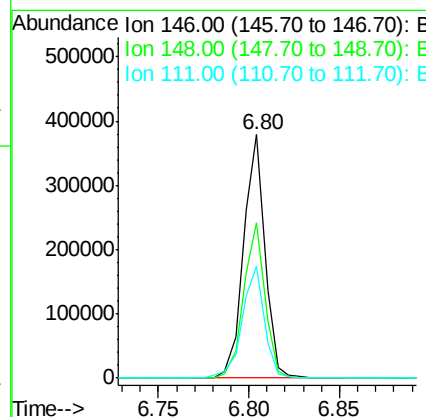
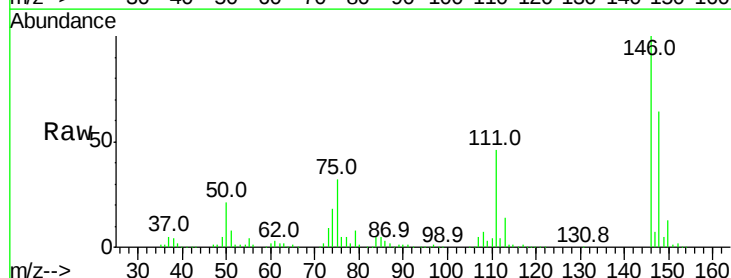
RT: 6.80 min Scan# 802

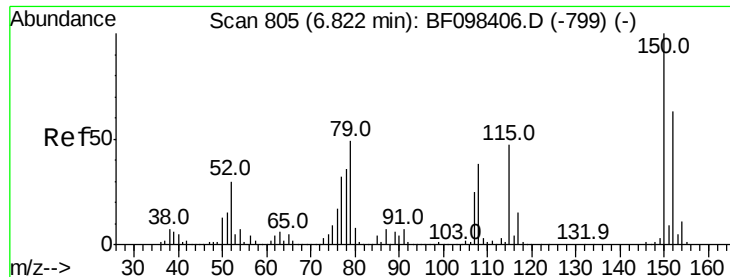
Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion:	146	Resp:	308675
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.4	75.6
111	46.1	38.2	57.4





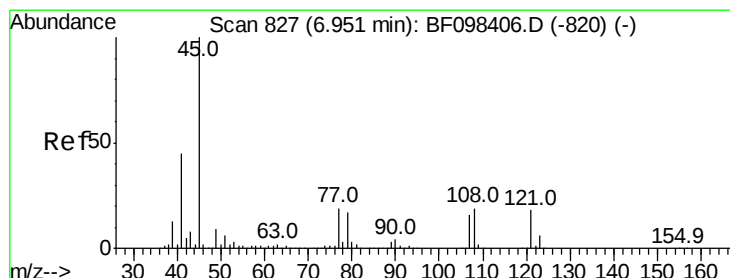
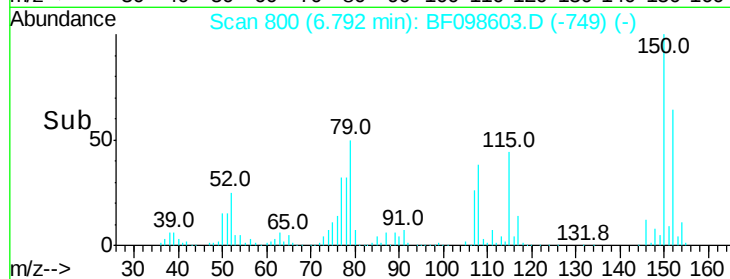
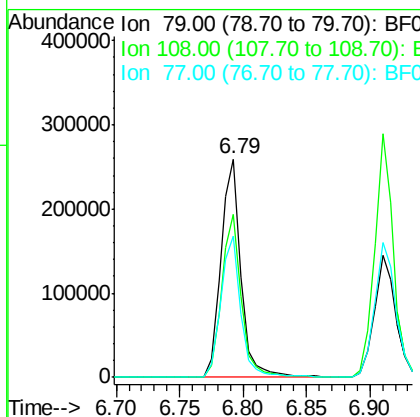
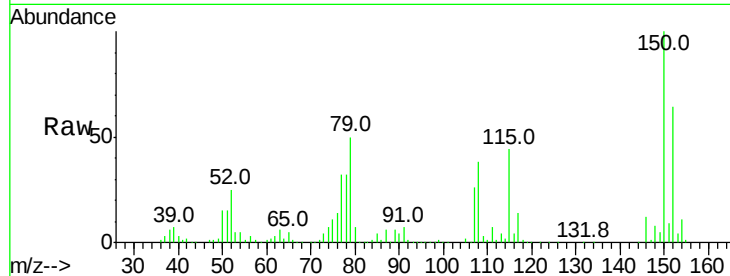
#15
Benzyl Alcohol
Concen: 44.649 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampled :
PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	286065		
108	74.7		63.4	95.0
77	64.3		49.2	73.8

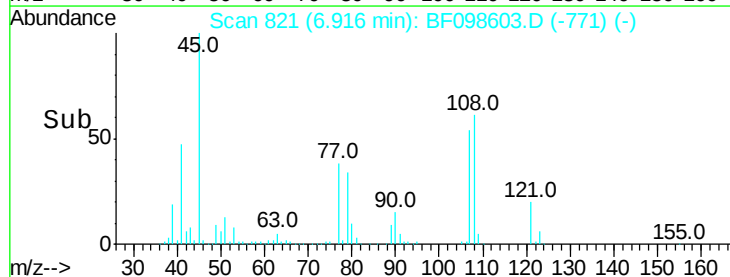
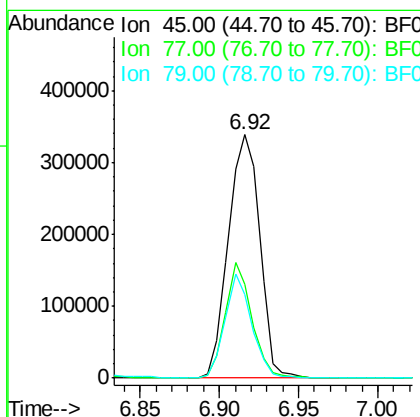
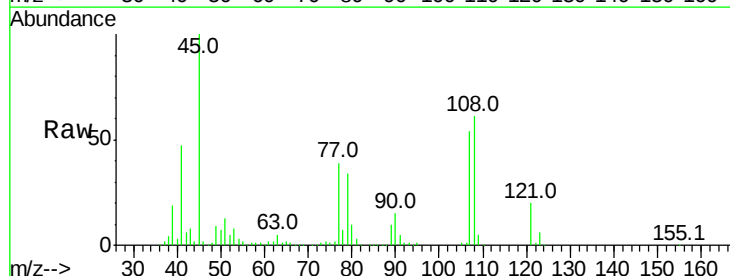
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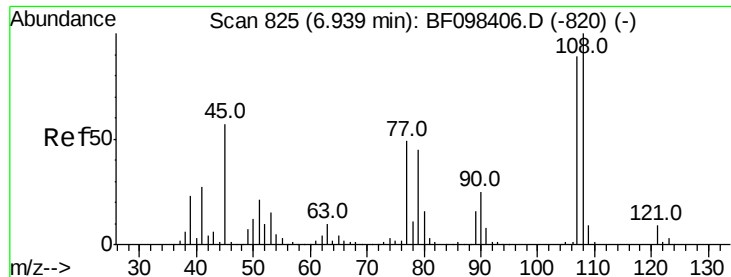
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.469 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	464266		
77	38.7		0.0	33.2#
79	34.2		0.0	30.0#





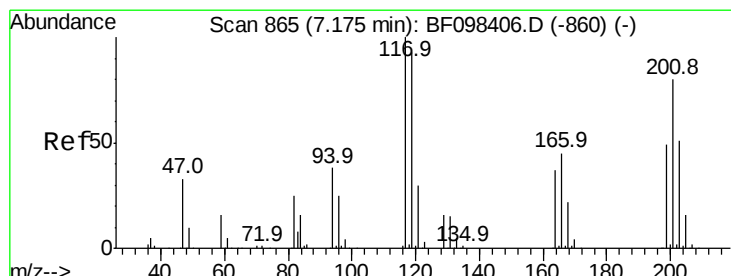
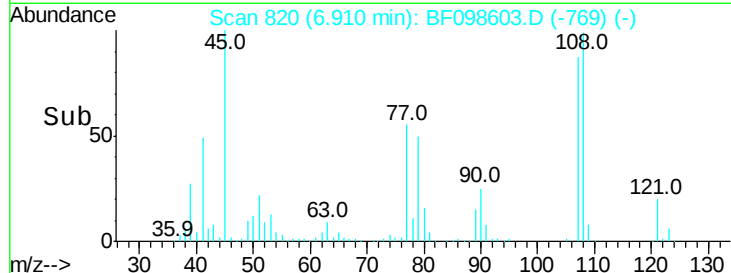
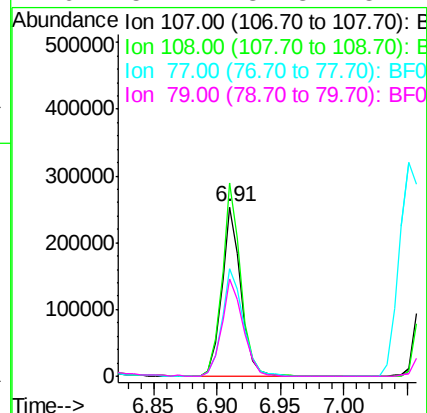
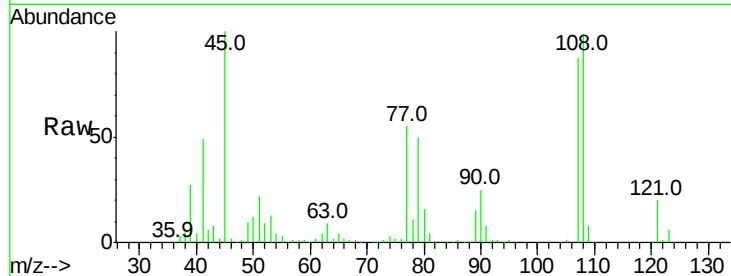
#17
2-Methylphenol
Concen: 39.305 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	114.0	93.4	140.0
77	63.3	35.8	53.6
79	57.2	34.8	52.2

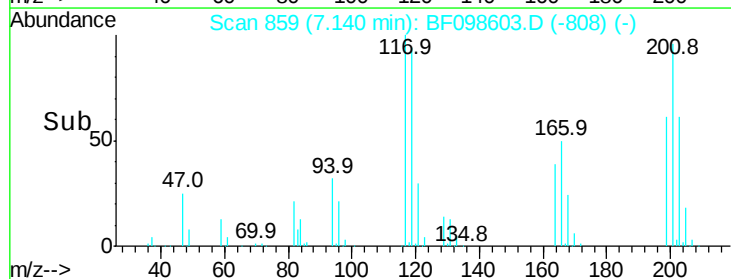
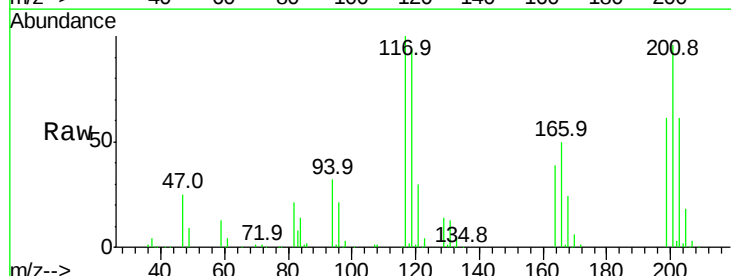
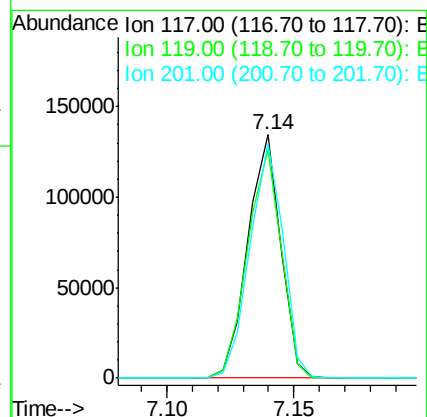
Manual Integrations
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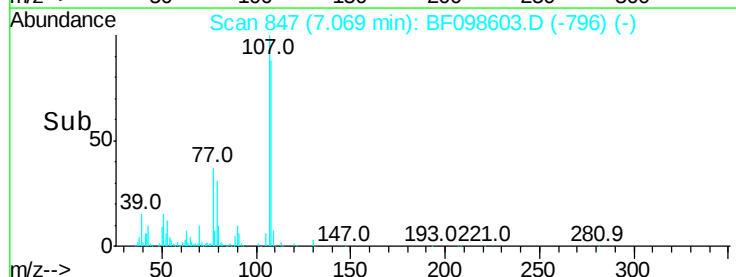
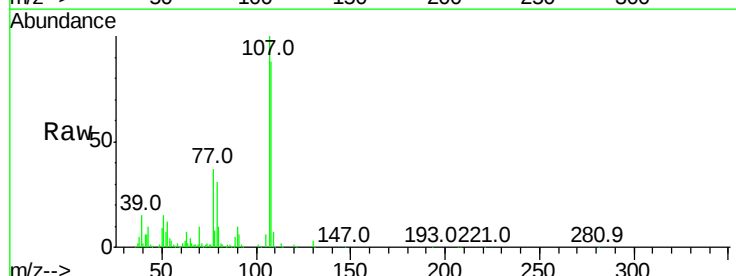
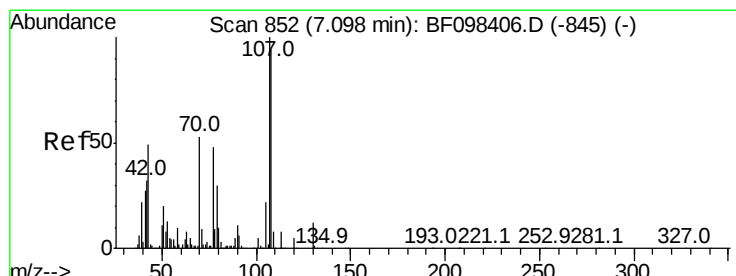
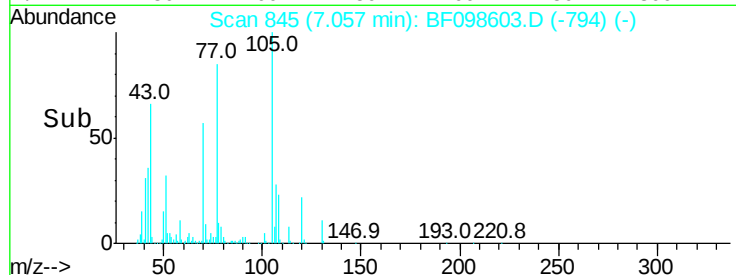
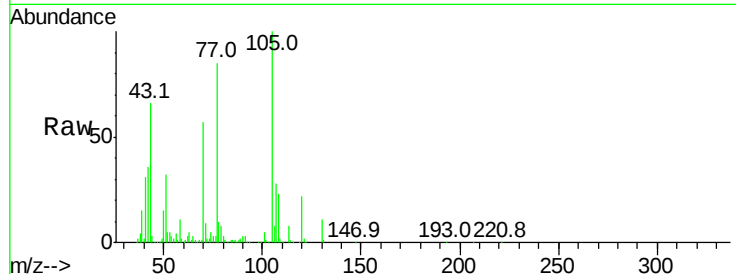
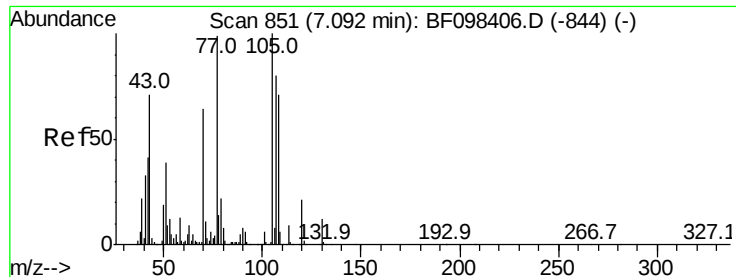
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#18
Hexachloroethane
Concen: 36.922 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	93.6	77.4	116.0
201	96.2	94.6	141.8





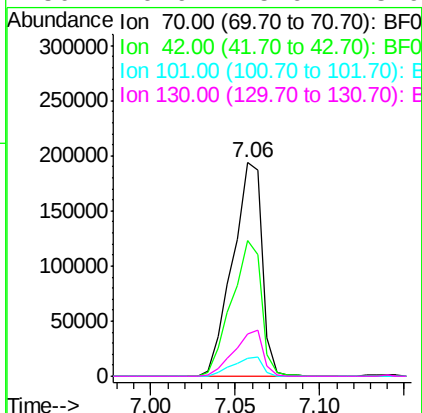
#19
n-Nitroso-di-n-propylamine
Concen: 39.051 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.8	47.2	70.8
101	8.5	7.2	10.8
130	19.6	15.9	23.9

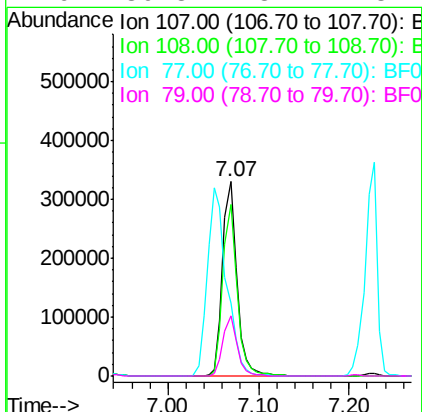
Manual Integrations
APPROVED

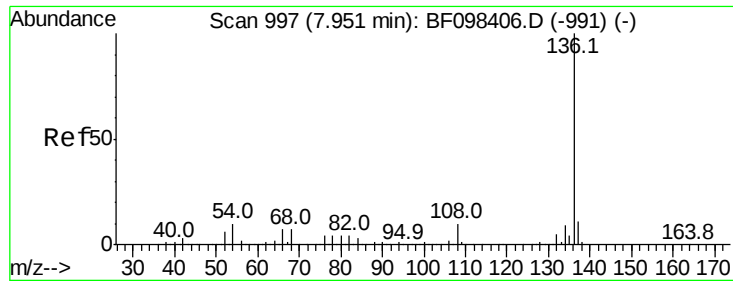
Sohil
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#20
3+4-Methylphenols
Concen: 42.355 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.0	111.0
77	37.4	90.5	130.5#
79	30.8	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

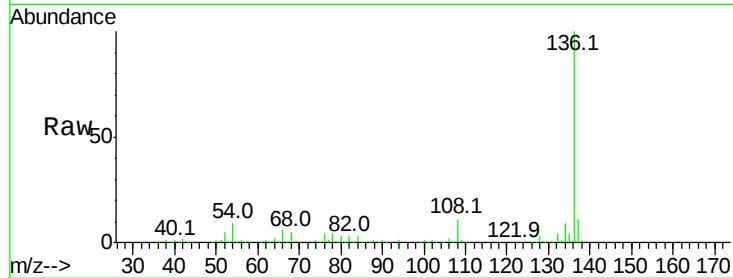
ClientSampleId :

PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	491141		
137	10.8	8.5	12.7	
54	8.9	4.9	7.3	
68	4.9	4.1	6.1	

Manual Integrations
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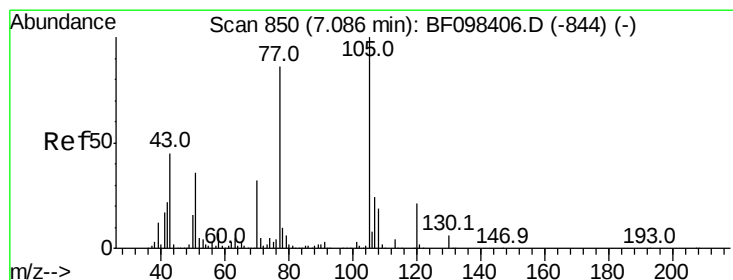
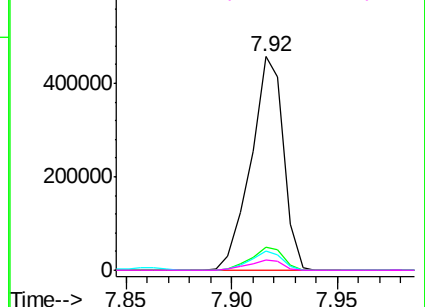
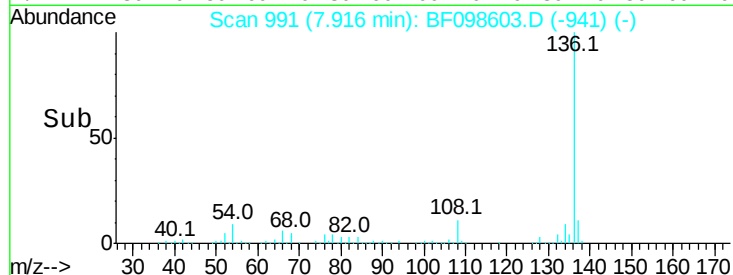


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.537 ng

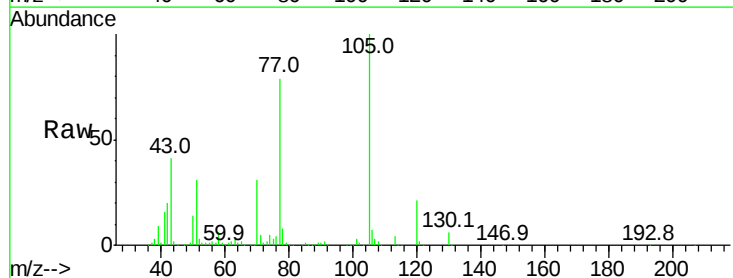
RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	463798		
71	5.4	2.8	4.2	
51	30.5	30.7	46.1	
120	21.2	17.4	26.0	

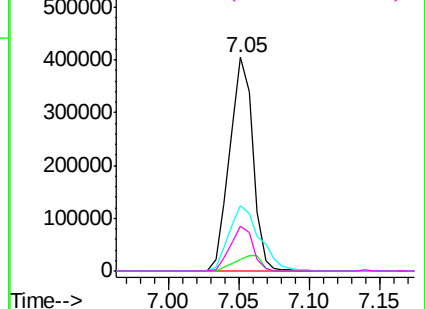
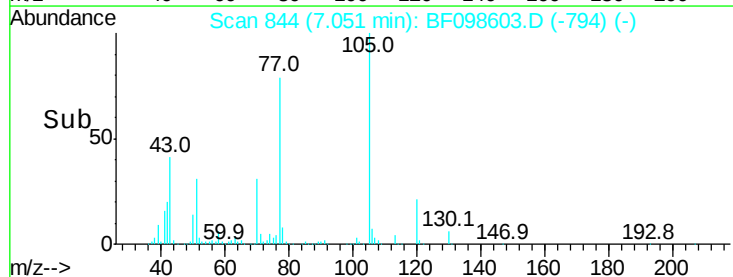


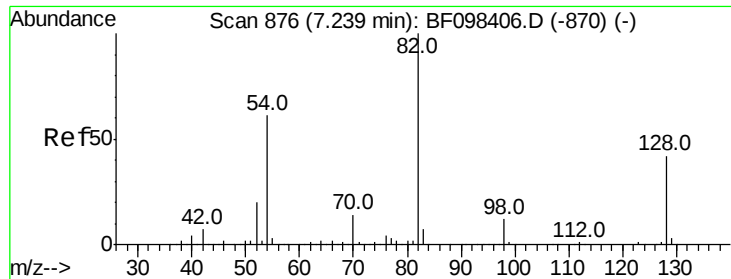
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





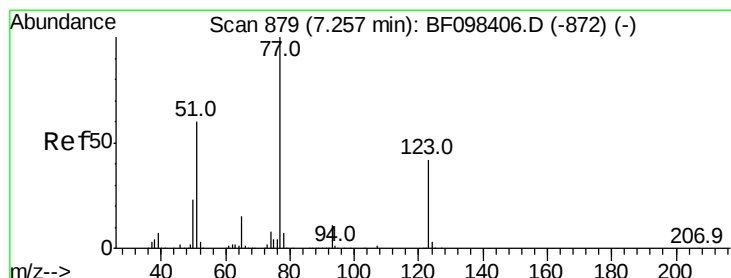
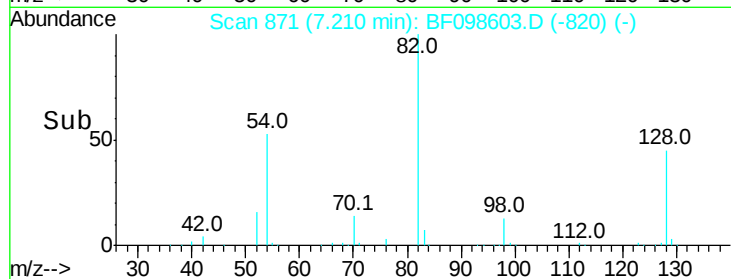
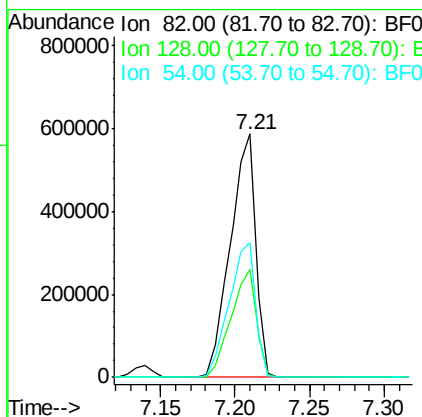
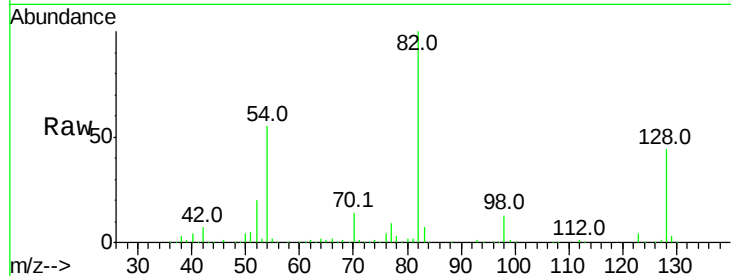
#23
 Nitrobenzene-d5
 Concen: 80.033 ng
 RT: 7.21 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	34.0	51.0	
54	55.5	42.2	63.2	

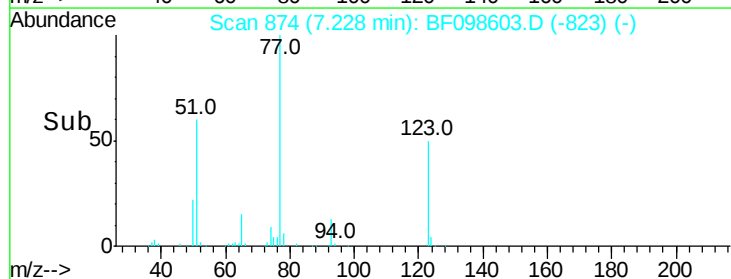
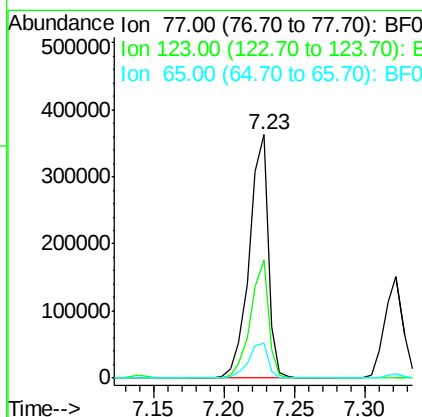
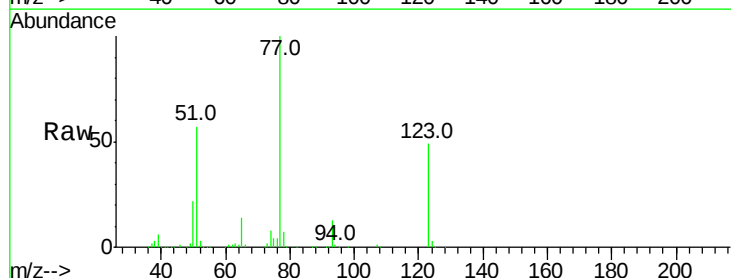
Manual Integrations
 APPROVED

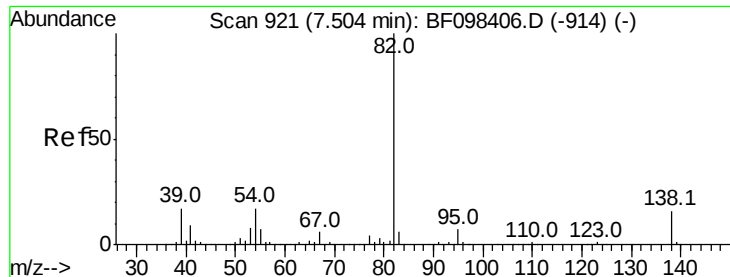
Sohil
 9/19/2017 5:31:41 PM



#24
 Nitrobenzene
 Concen: 34.254 ng
 RT: 7.23 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.6	35.8	53.8	
65	14.3	10.6	15.8	





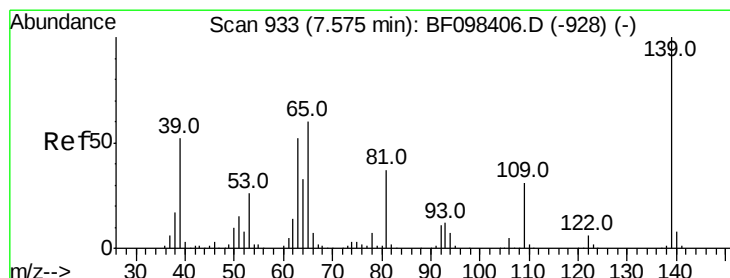
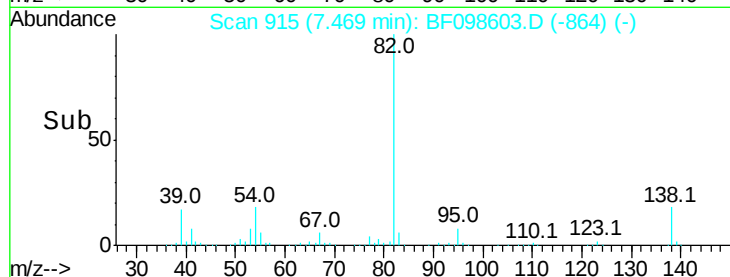
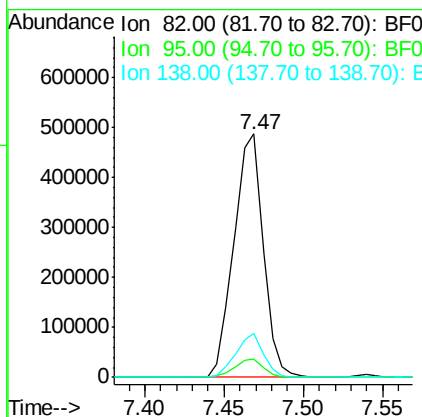
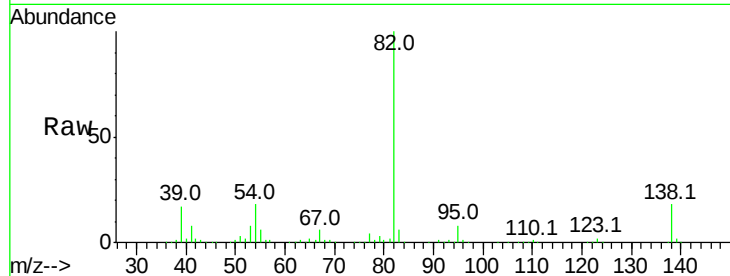
#25
Isophorone
Concen: 35.214 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	627675		
95	7.5		5.3	7.9
138	18.1		13.1	19.7

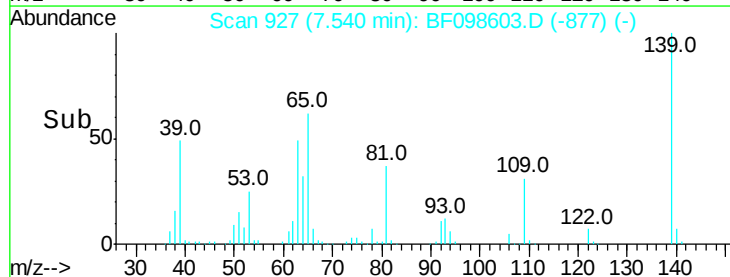
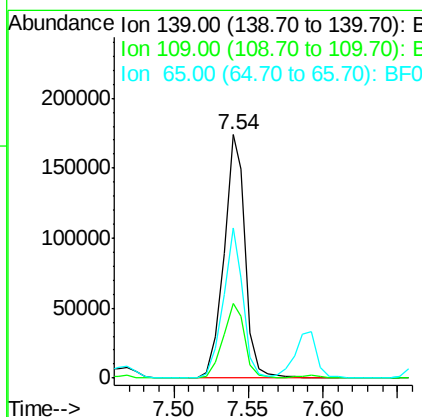
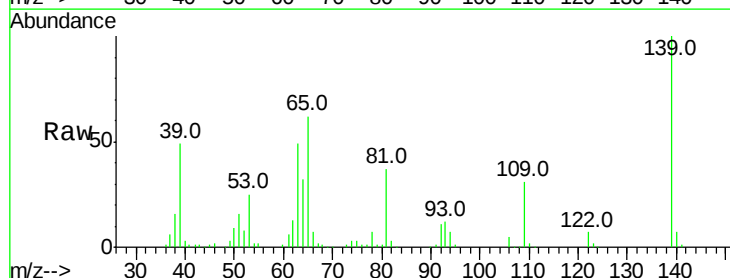
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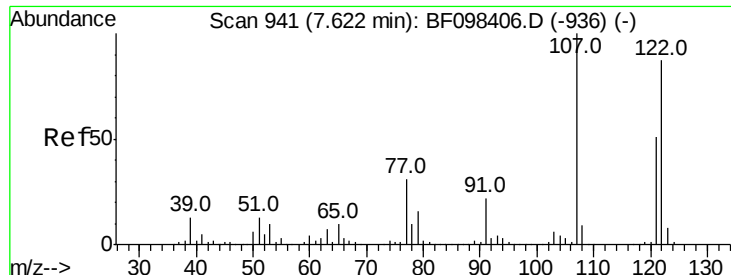
Sohil
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#26
2-Nitrophenol
Concen: 42.885 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	173755		
109	30.8		21.0	31.6
65	61.6		33.0	49.6#





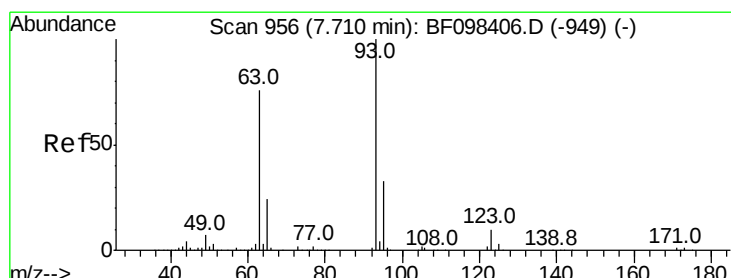
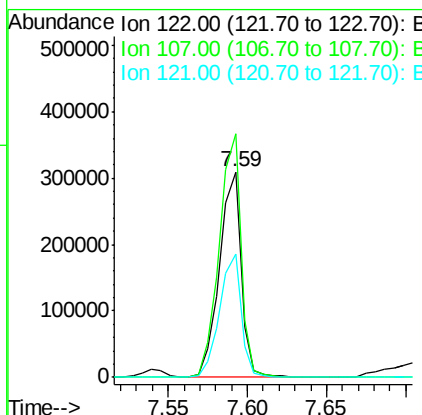
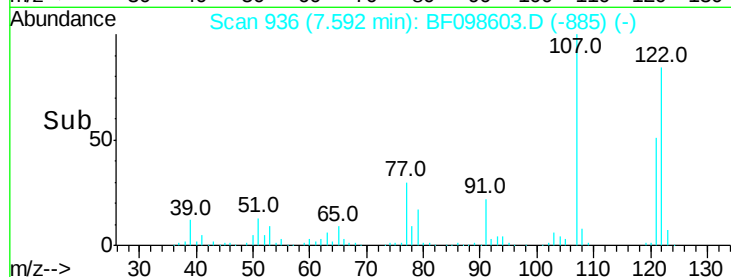
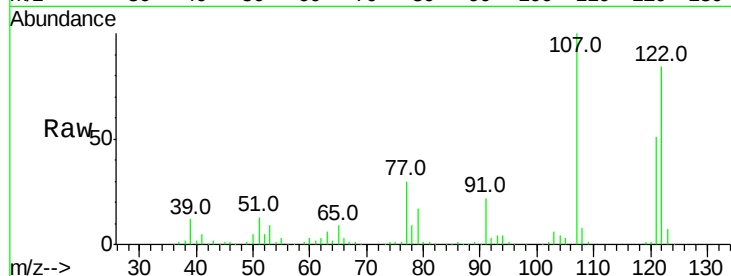
#27
 2,4-Dimethylphenol
 Concen: 38.211 ng
 RT: 7.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleID :
 PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	295126		
107	118.6	89.2	133.8	
121	60.1	45.2	67.8	

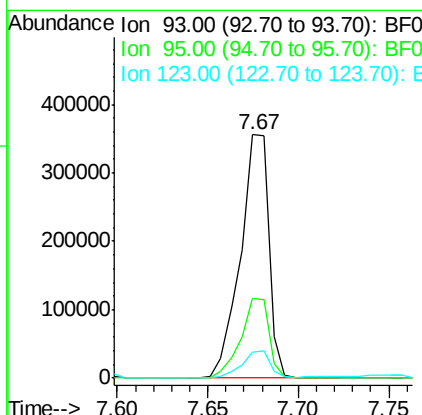
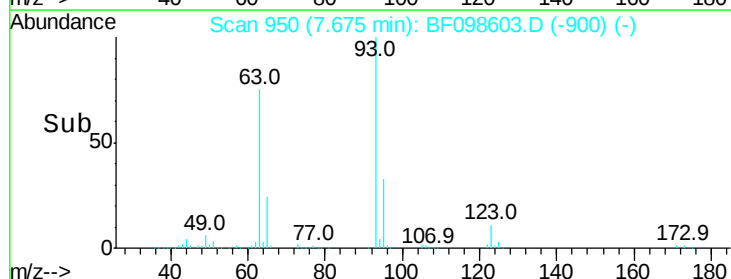
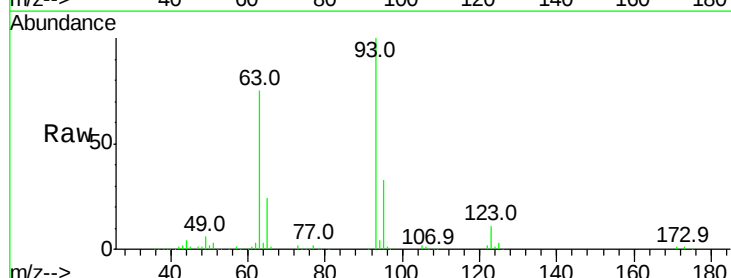
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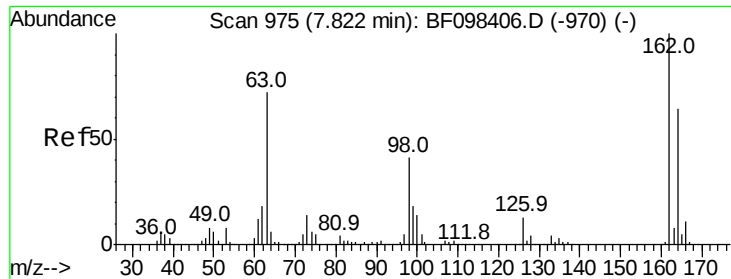
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.740 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	388717		
95	32.7	26.5	39.7	
123	10.9	9.0	13.4	





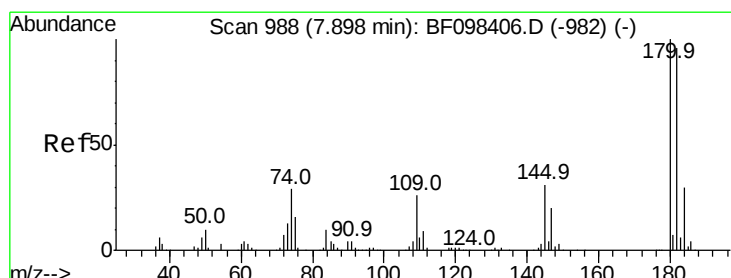
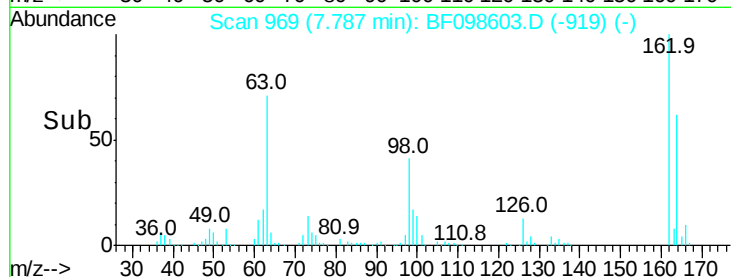
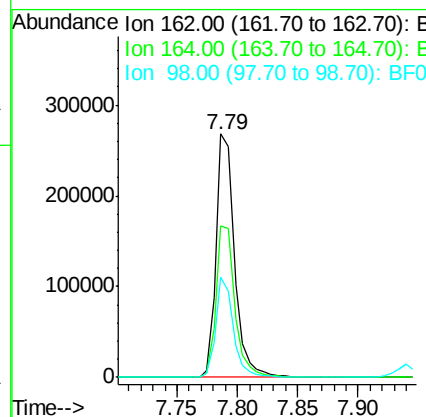
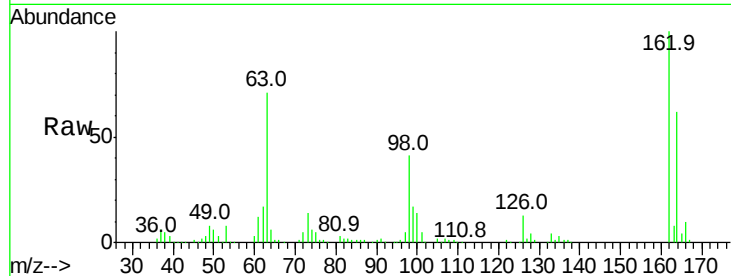
#29
 2,4-Dichlorophenol
 Concen: 43.906 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	282037		
164	62.0		44.6	84.6
98	41.1		14.8	54.8

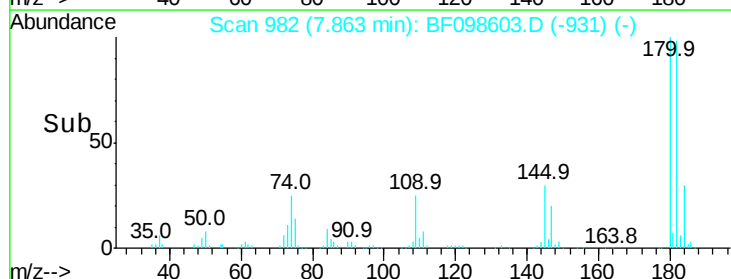
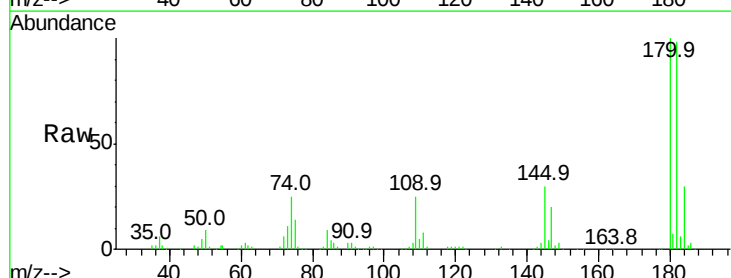
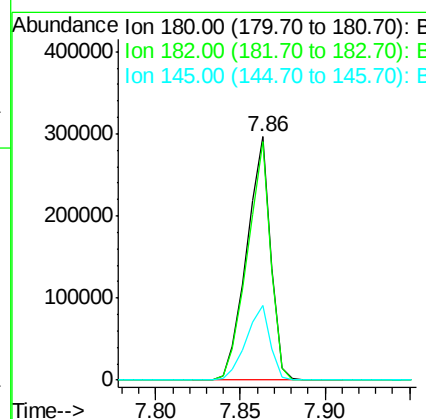
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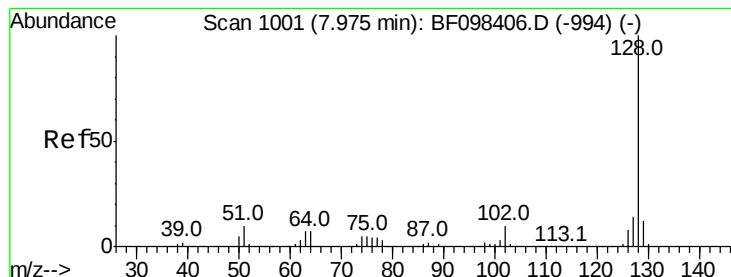
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.947 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	293114		
182	98.0		75.8	113.6
145	30.5		25.3	37.9





#31

Naphthalene

Concen: 39.070 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

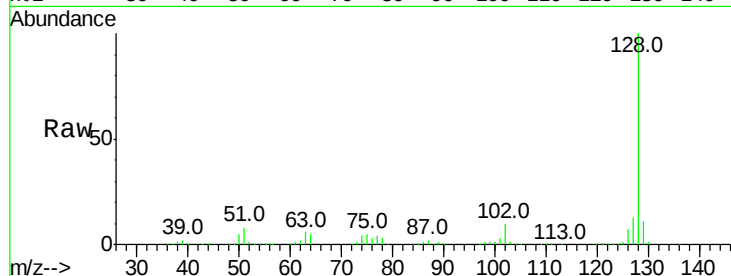
ClientSampled :

PB102381BSD

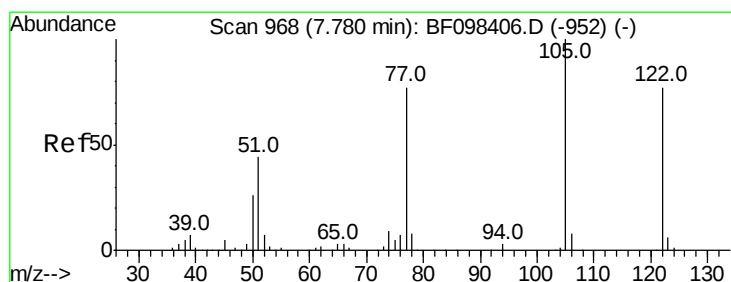
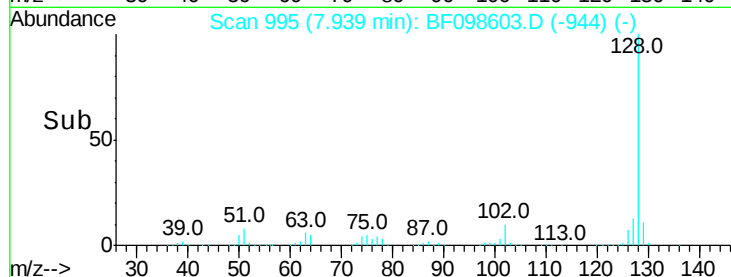
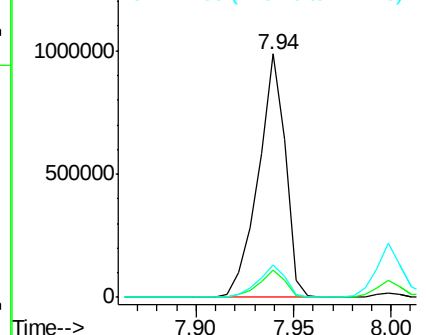
Tot Ion:	128	Resp:	948611
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.0	13.6
127	13.4	10.8	16.2

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



#32

Benzoic acid

Concen: 36.763 ng

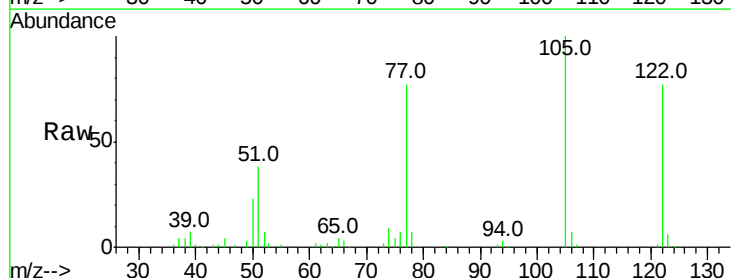
RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

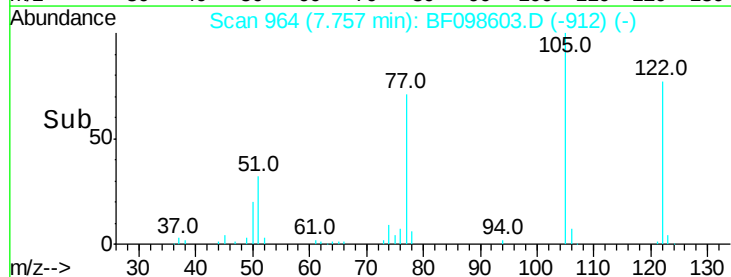
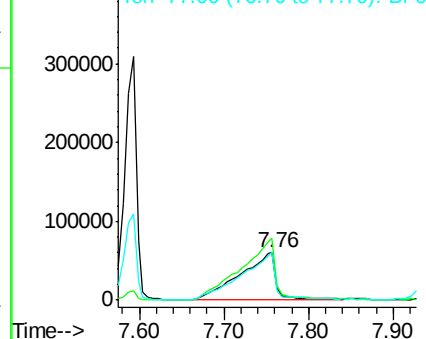
Lab File: BF098603.D

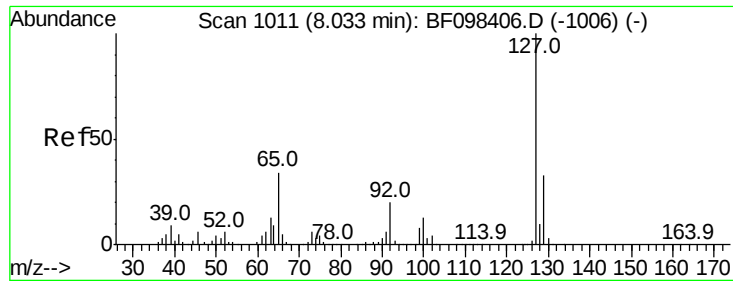
Acq: 18 Sep 2017 15:41

Tgt Ion:	122	Resp:	178887
Ion Ratio	Lower	Upper	
122	100		
105	130.2	103.3	143.3
77	99.9	73.7	113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





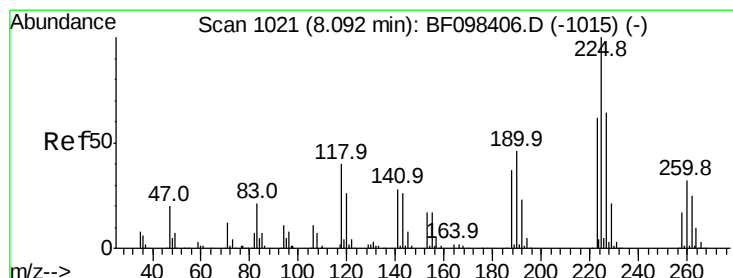
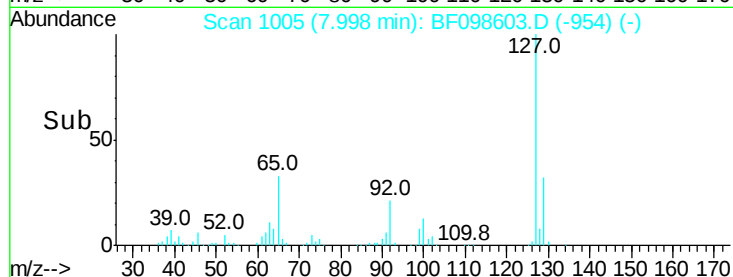
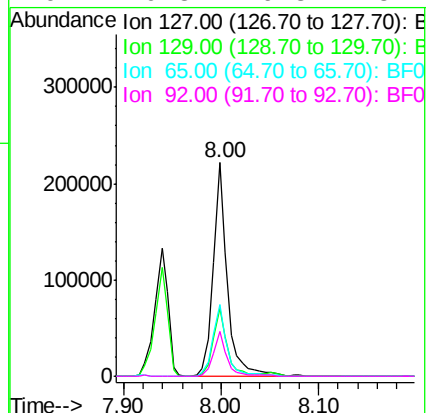
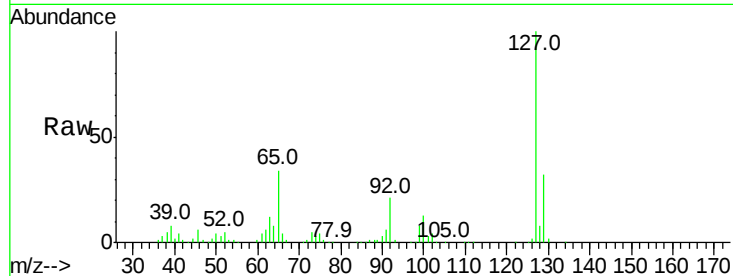
#33
4-Chloroaniline
Concen: 22.644 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.2	39.2	
65	33.8	27.8	41.8	
92	20.8	16.8	25.2	

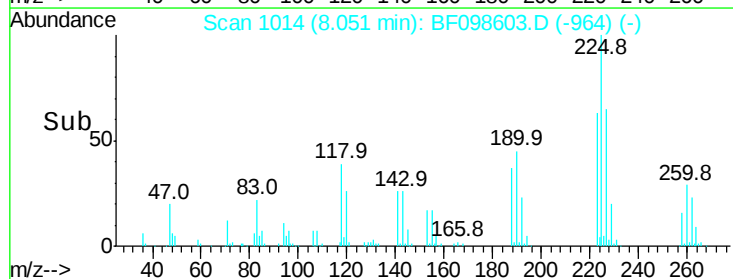
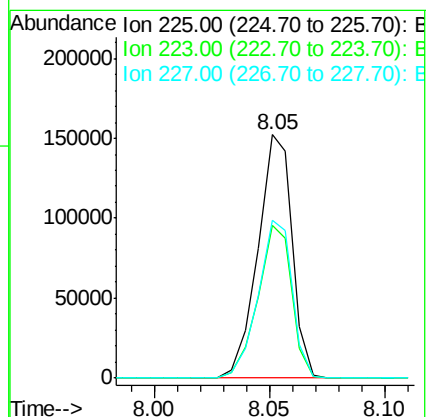
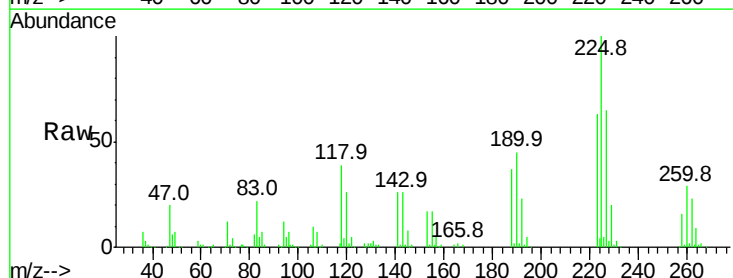
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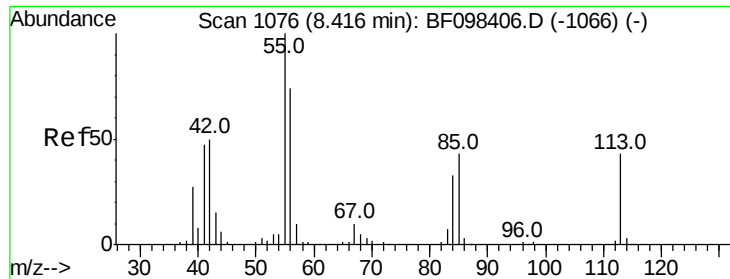
Sohil
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#34
Hexachlorobutadiene
Concen: 43.838 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	48.8	73.2	
227	64.8	51.1	76.7	





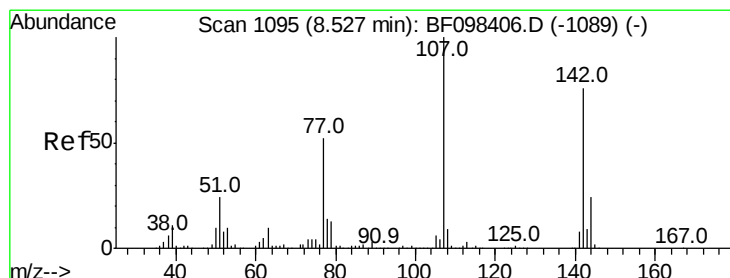
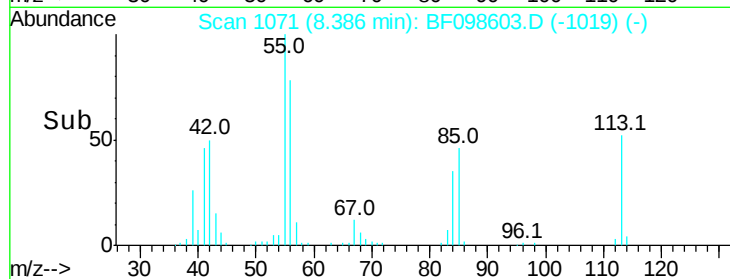
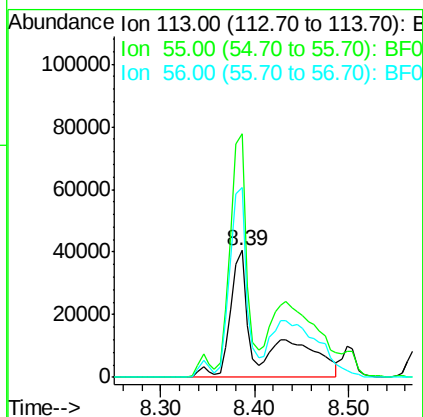
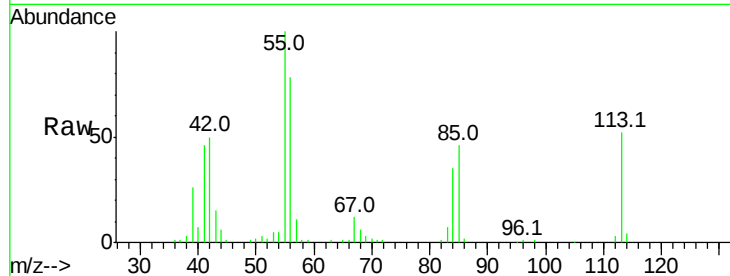
#35
 Caprolactam
 Concen: 42.082 ng/ml
 RT: 8.39 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleID :
 PB102381BSD

Tot Ion:113 Resp: 93215
 Ion Ratio Lower Upper
 113 100
 55 191.9 150.2 190.2#
 56 149.8 107.8 147.8#

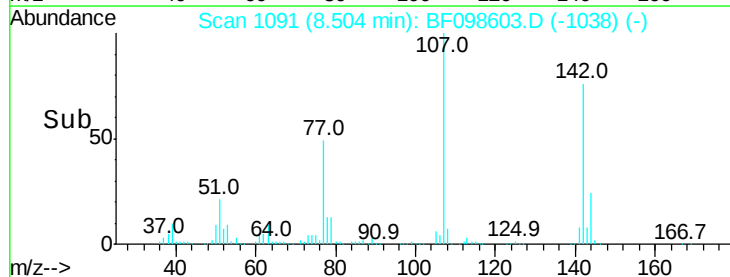
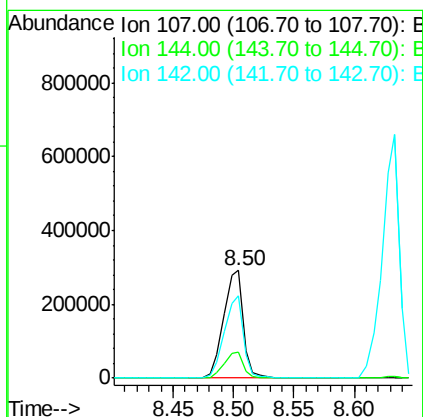
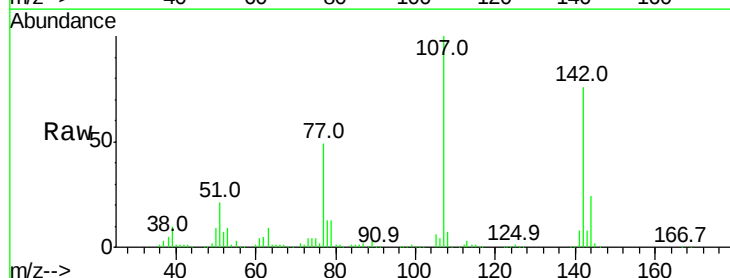
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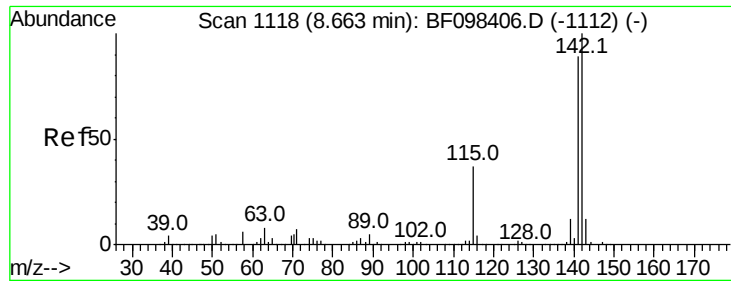
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#36
 4-Chloro-3-methylphenol
 Concen: 41.123 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion:107 Resp: 327603
 Ion Ratio Lower Upper
 107 100
 144 24.0 24.2 36.4#
 142 76.3 73.4 110.0





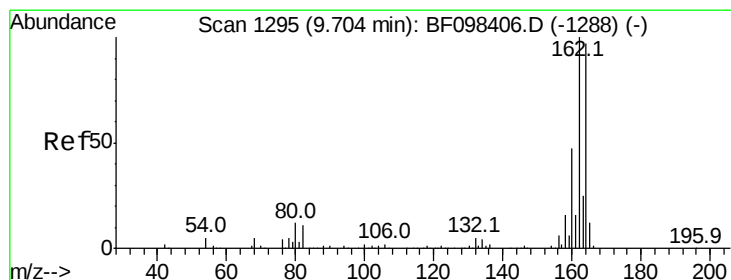
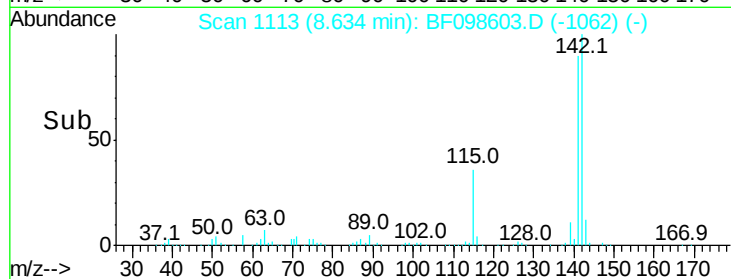
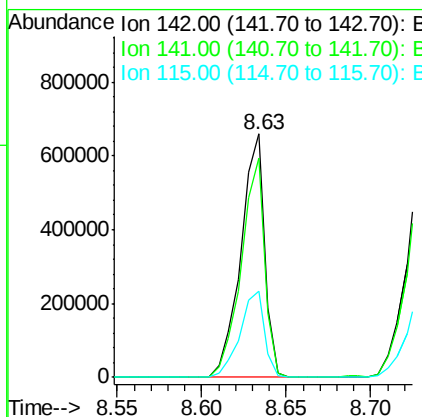
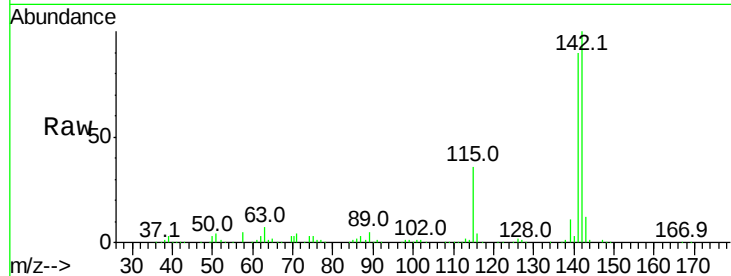
#37
2-Methylnaphthalene
Concen: 44.263 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	35.6	27.1	40.7

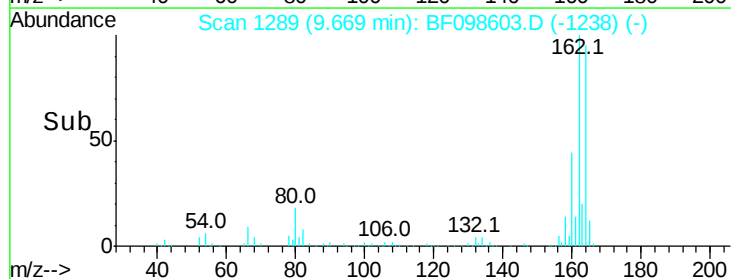
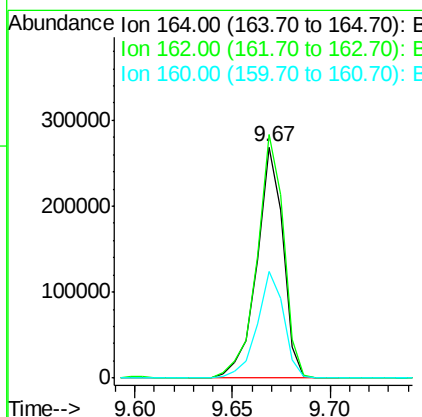
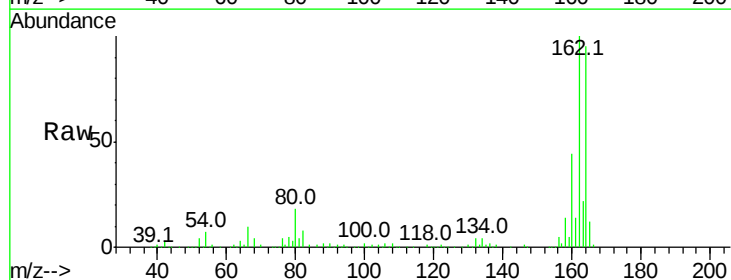
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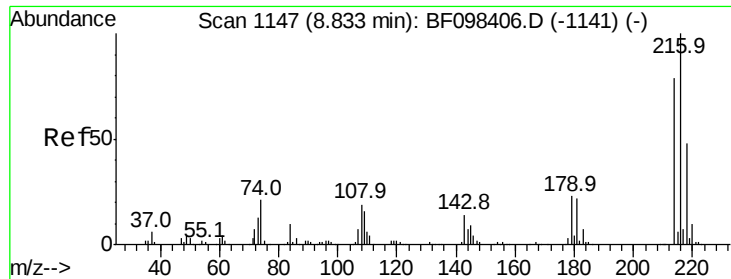
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	46.0	36.2	54.2





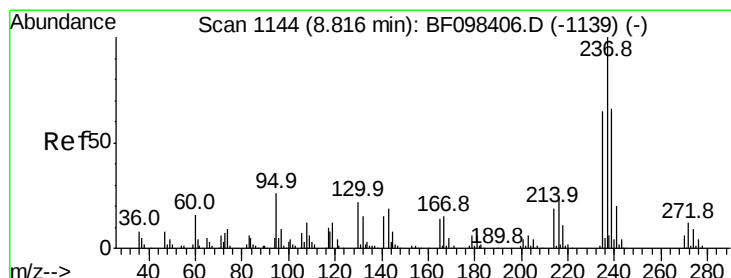
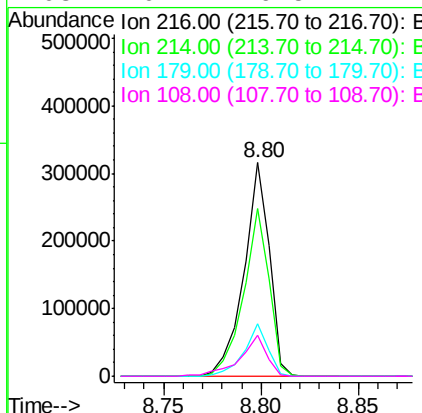
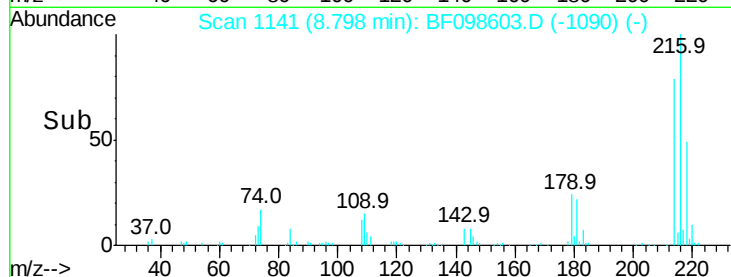
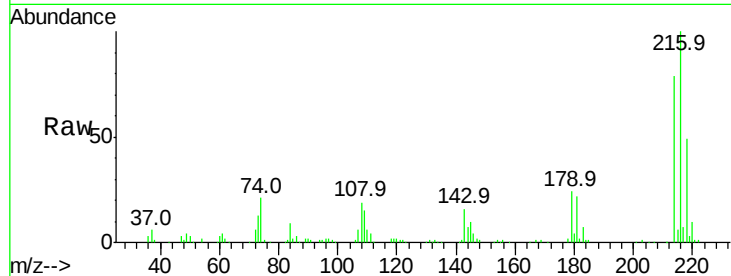
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.639 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	63.4	95.2
179	22.9	17.9	26.9
108	20.2	16.5	24.7

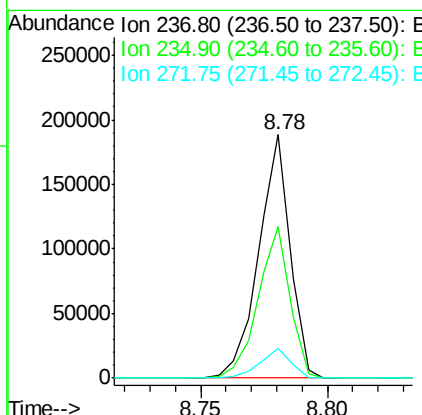
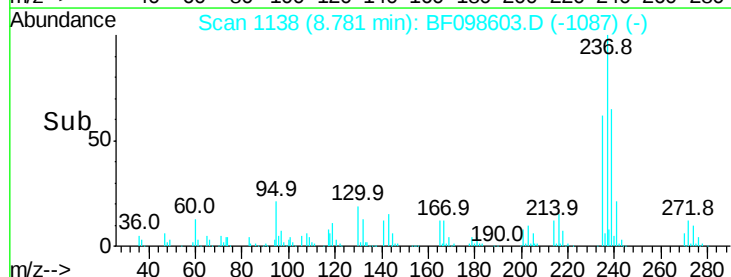
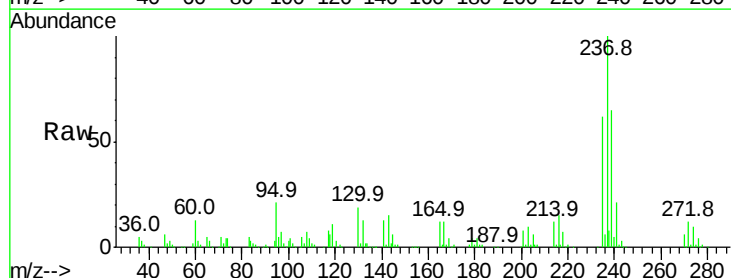
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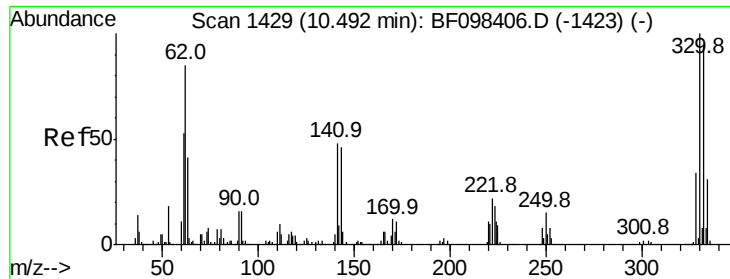
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 72.023 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.4	0.0	31.9





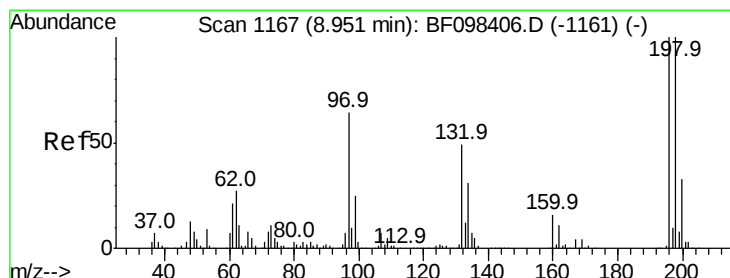
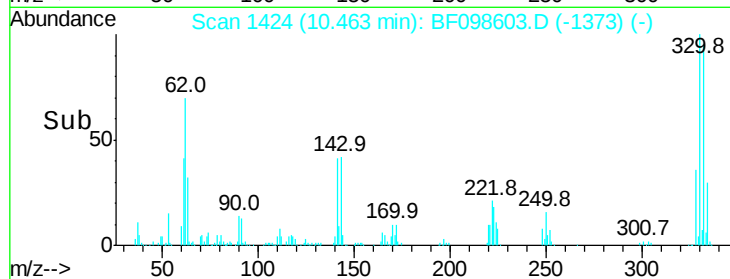
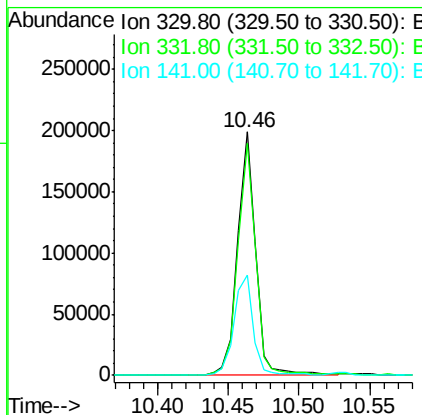
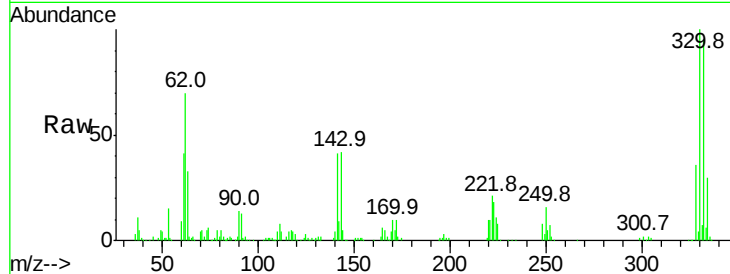
#41
 2,4,6-Tribromophenol
 Concen: 106.787 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	178347		
332	96.1	76.6	115.0	
141	43.7	31.4	47.2	

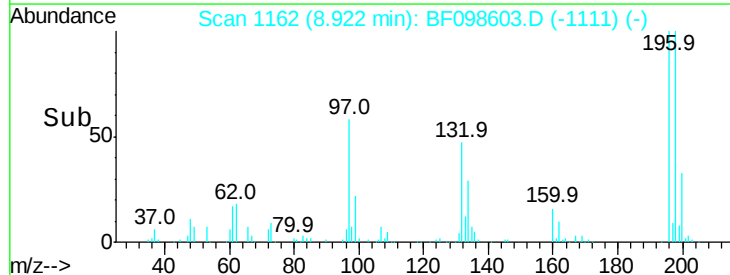
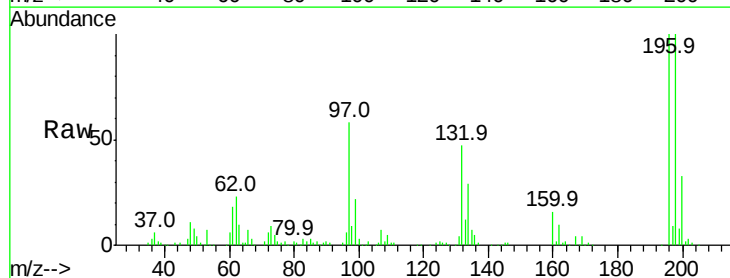
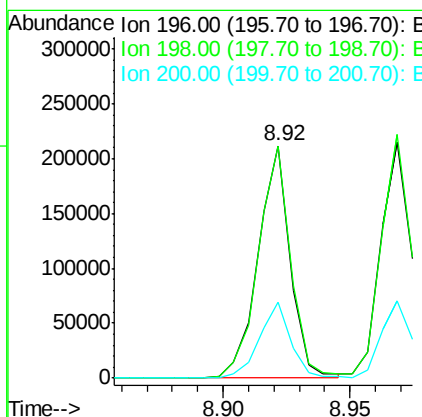
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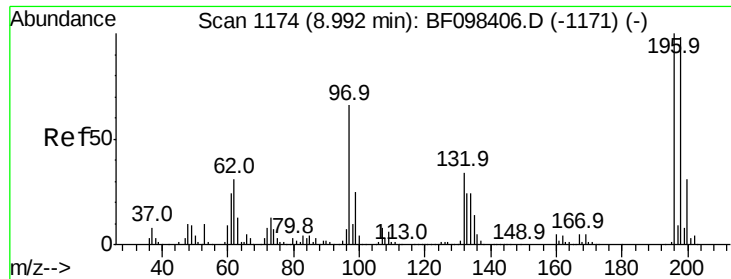
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 40.788 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186744		
198	100.2	74.2	111.4	
200	32.7	24.0	36.0	





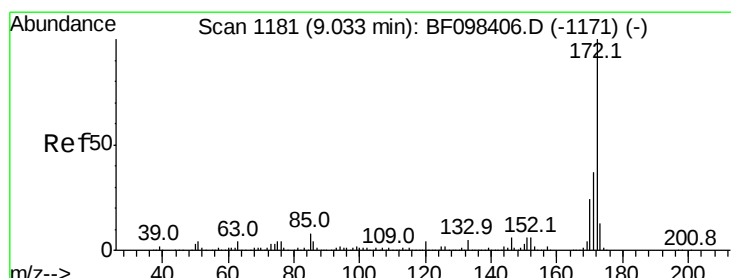
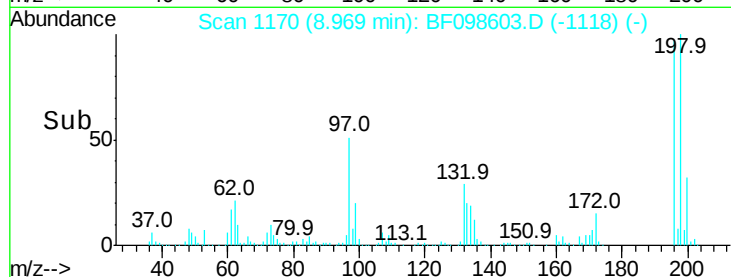
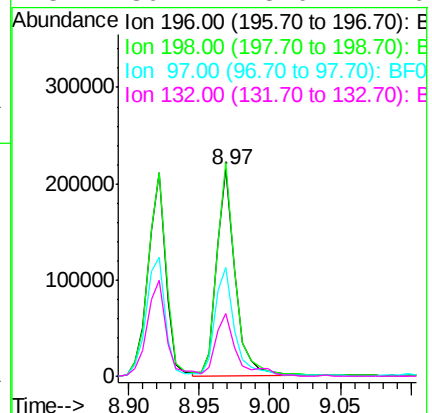
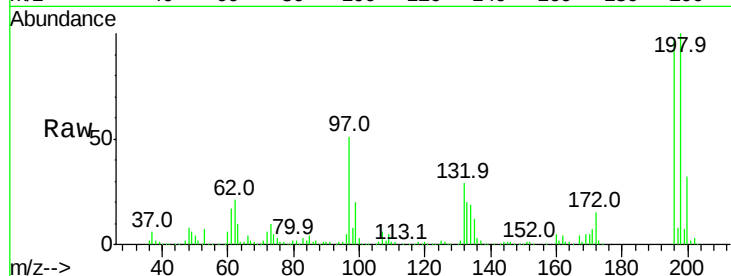
#43
 2,4,5-Trichlorophenol
 Concen: 41.627 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	196	Resp	199205
Ion Ratio	Lower	Upper	
196	100		
198	103.1	75.7	113.5
97	52.6	47.7	71.5
132	30.1	28.0	42.0

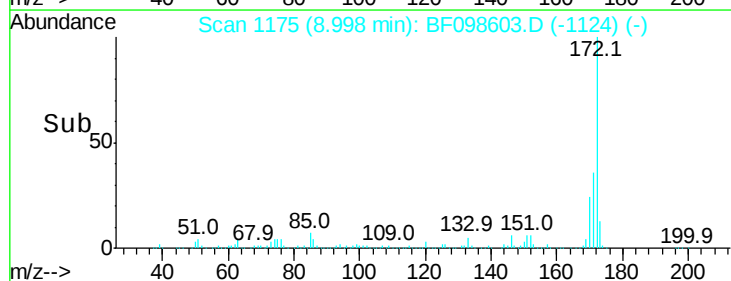
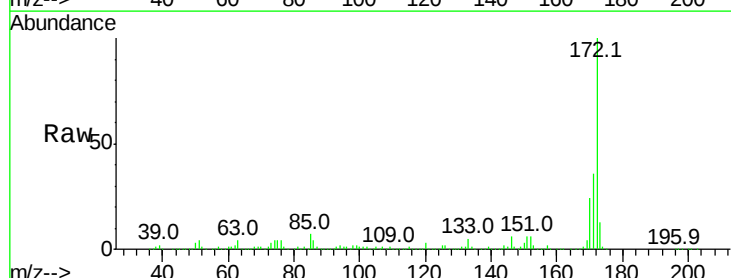
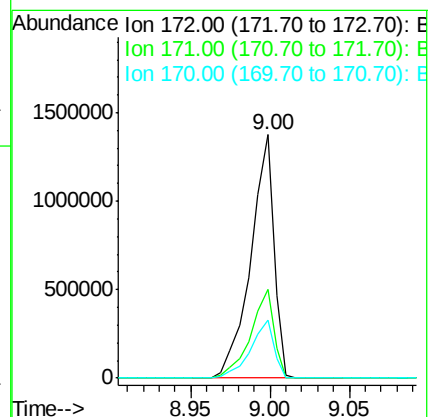
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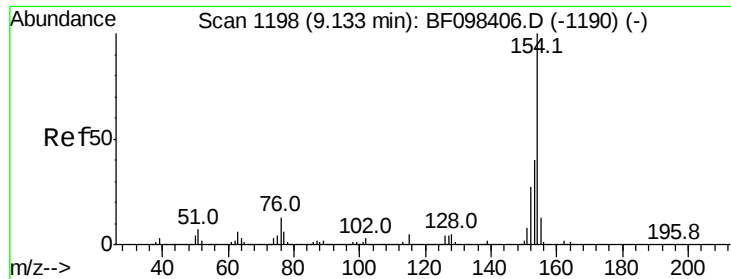
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#44
 2-Fluorobiphenyl
 Concen: 94.542 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	172	Resp	1395811
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	23.8	19.8	29.8





#45

1,1'-Biphenyl

Concen: 36.146 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

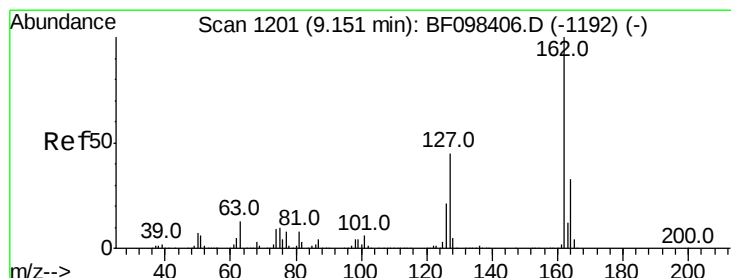
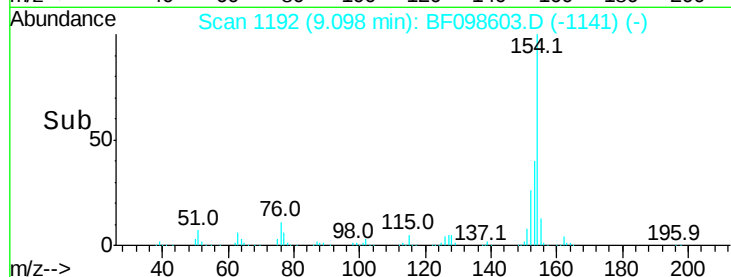
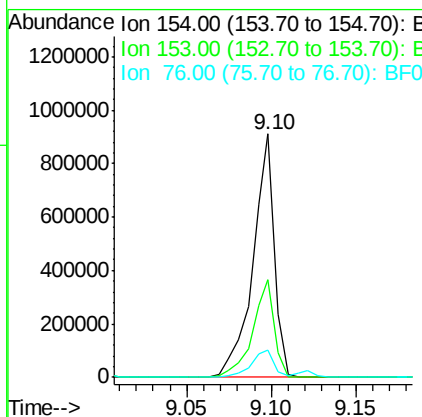
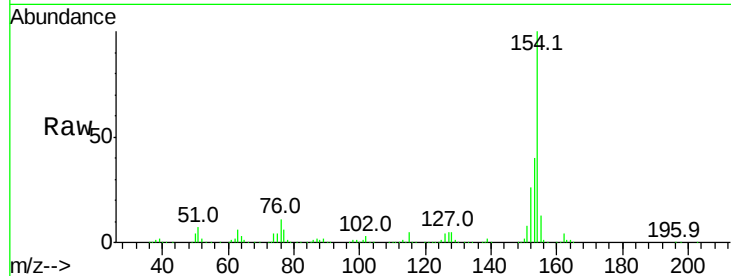
ClientSampleId :

PB102381BSD

Tot Ion:	154	Resp:	809591
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.2	61.2
76	11.3	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 38.654 ng

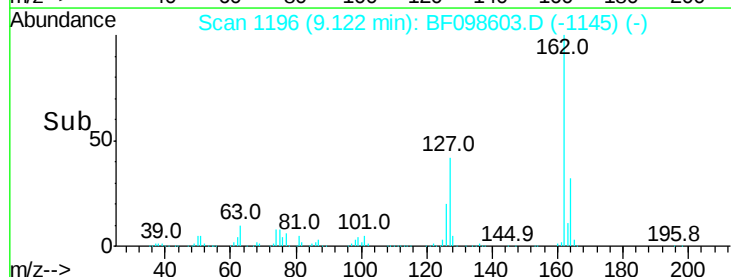
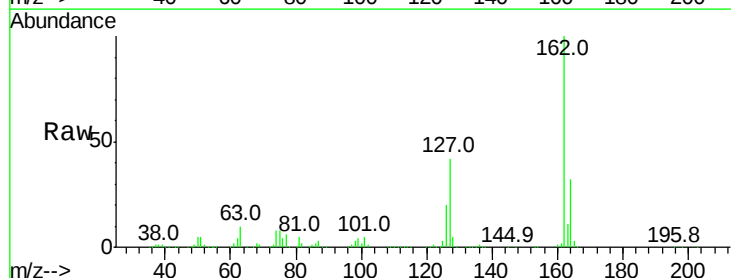
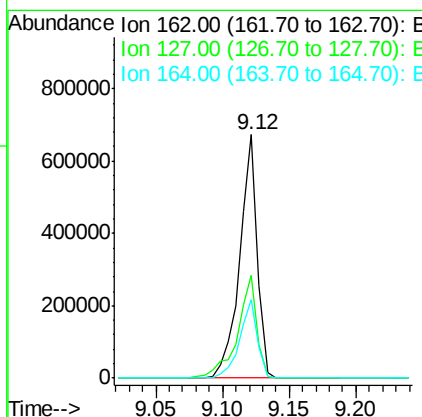
RT: 9.12 min Scan# 1196

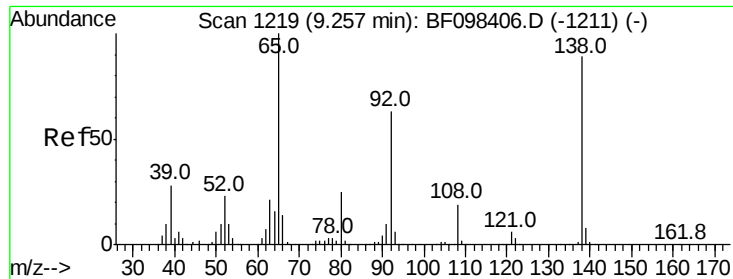
Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion:	162	Resp:	618299
Ion Ratio	Lower	Upper	
162	100		
127	42.2	28.3	42.5
164	32.5	27.0	40.4





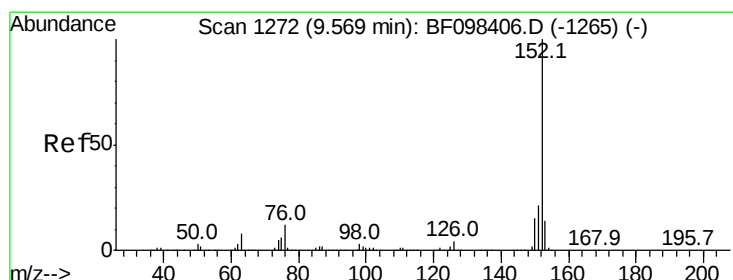
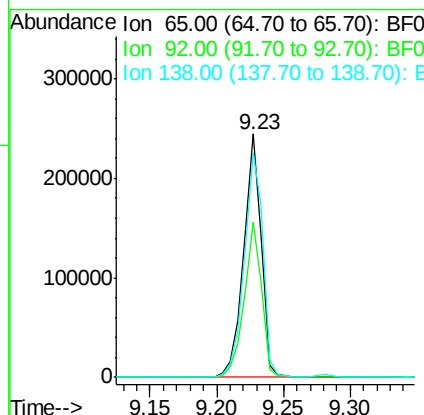
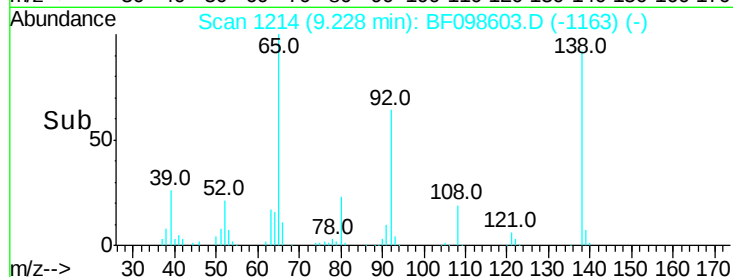
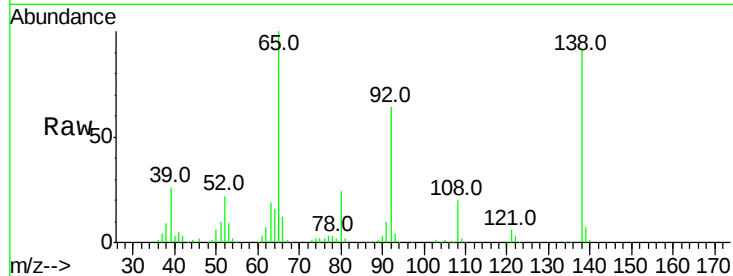
#47
2-Nitroaniline
Concen: 36.563 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.8	53.9	80.9
138	92.2	78.8	118.2

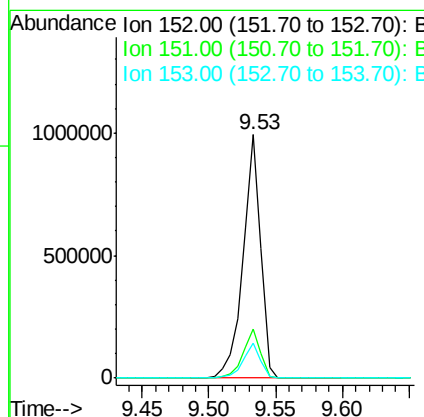
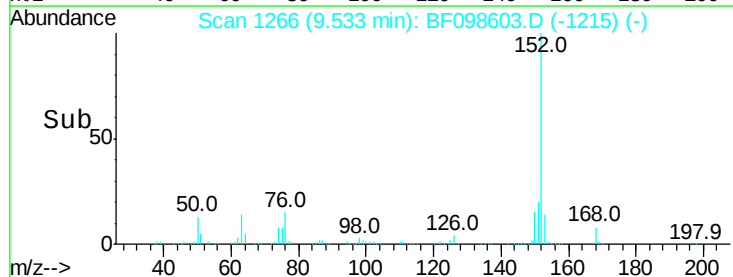
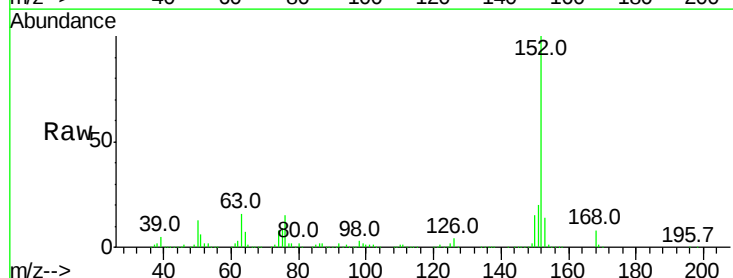
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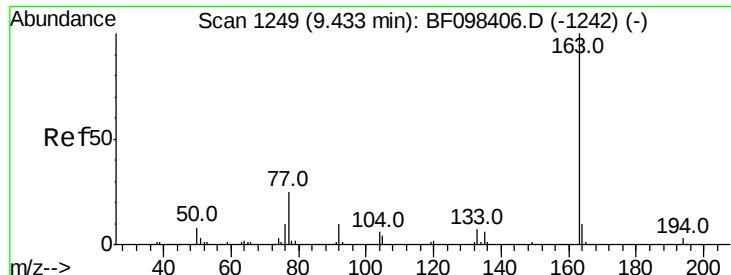
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#48
Acenaphthylene
Concen: 38.110 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	14.1	10.8	16.2





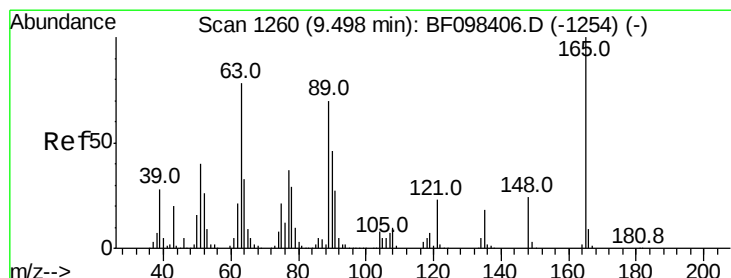
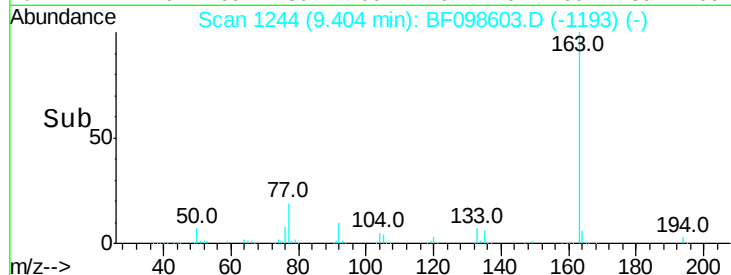
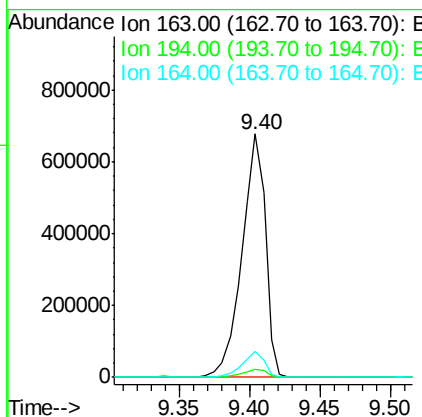
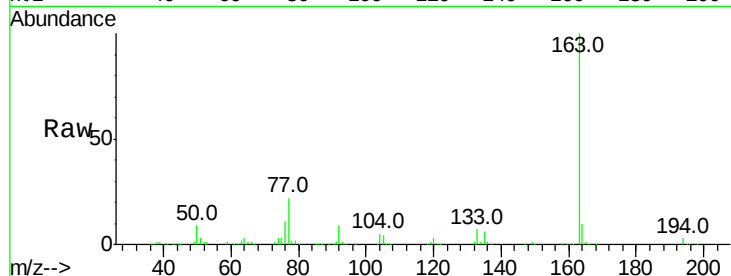
#49
Dimethylphthalate
Concen: 40.564 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	785745		
194	3.3		2.6	4.0
164	10.4		8.4	12.6

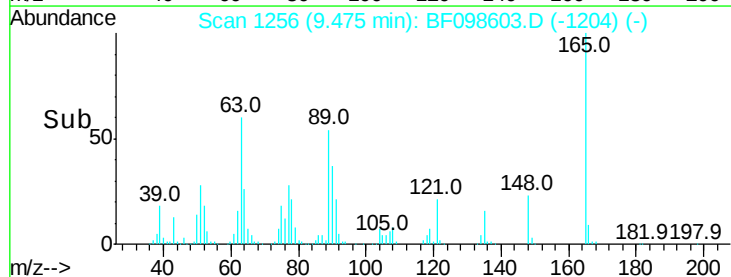
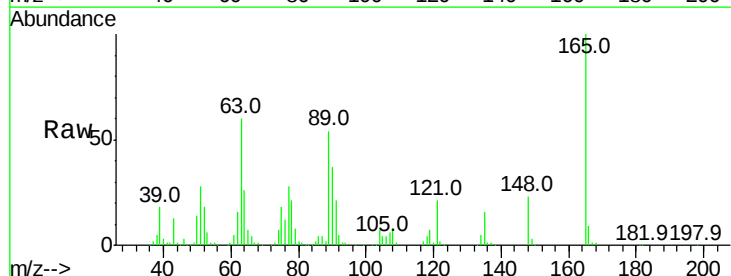
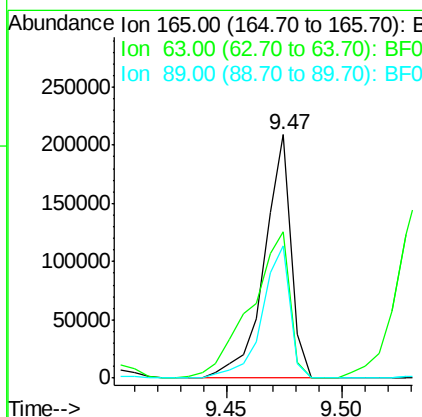
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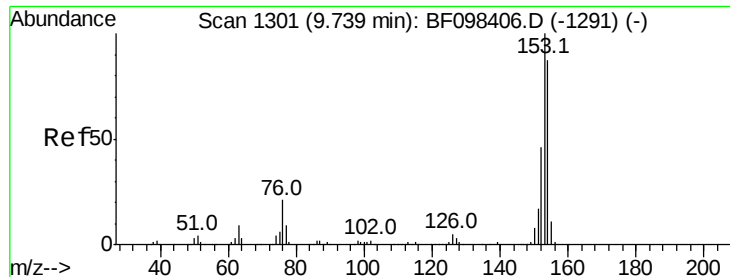
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#50
2,6-Dinitrotoluene
Concen: 42.461 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	168947		
63	60.2		34.3	51.5#
89	54.3		37.1	55.7





#51

Acenaphthene

Concen: 38.288 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

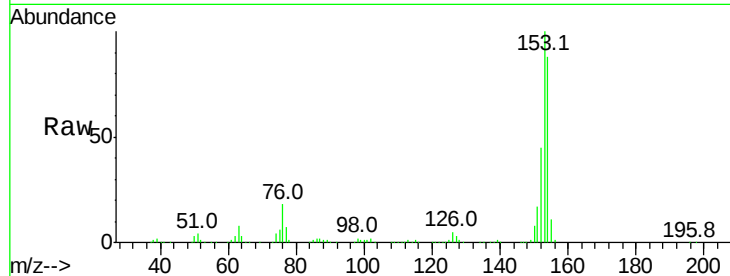
ClientSampleId :

PB102381BSD

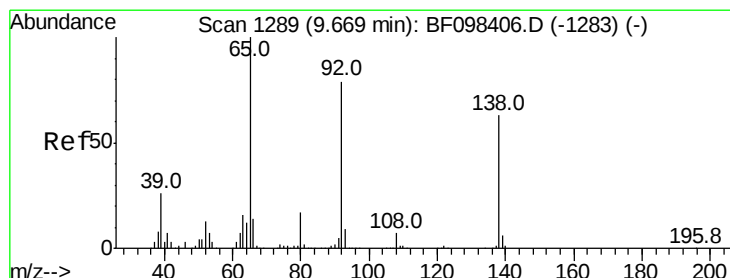
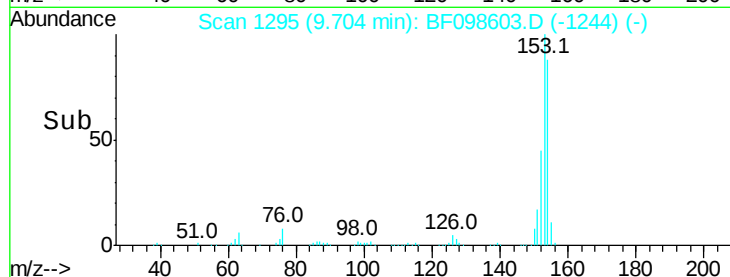
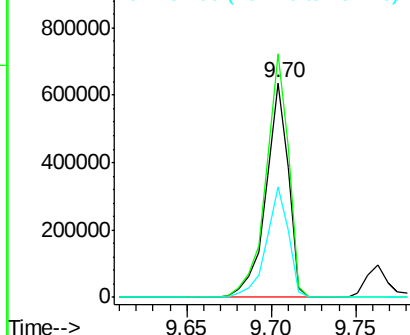
Tot Ion:	154	Resp:	578846
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.5	135.7
152	51.5	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.653 ng

RT: 9.64 min Scan# 1284

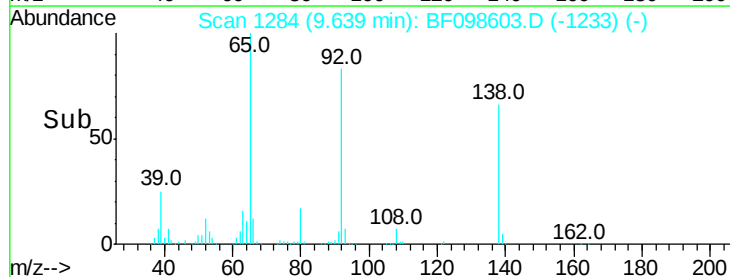
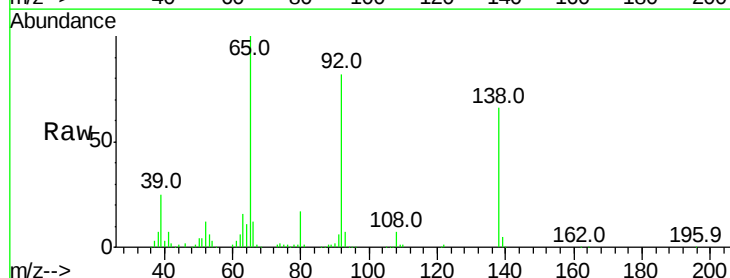
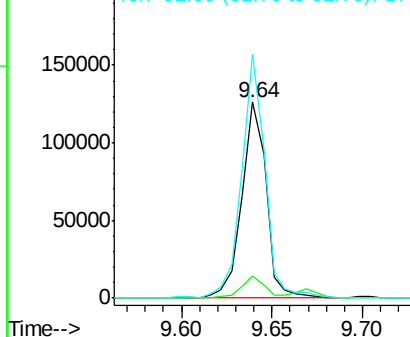
Delta R.T. 0.00 min

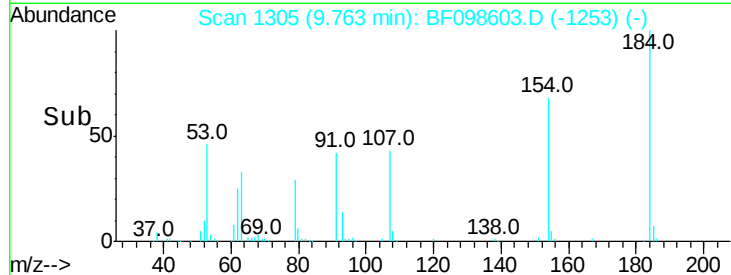
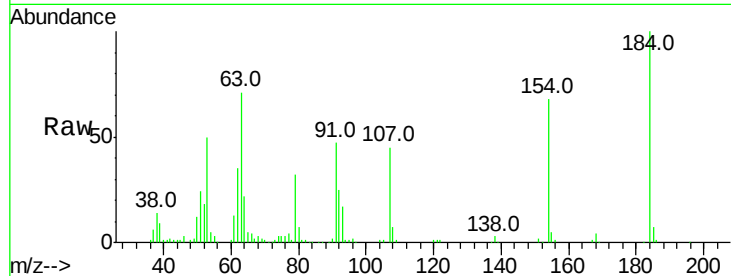
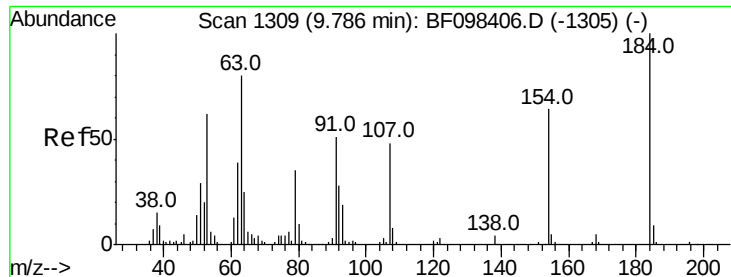
Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion:	138	Resp:	118409
Ion Ratio	Lower	Upper	
138	100		
108	11.2	9.1	13.7
92	124.2	93.8	140.6

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): BF0





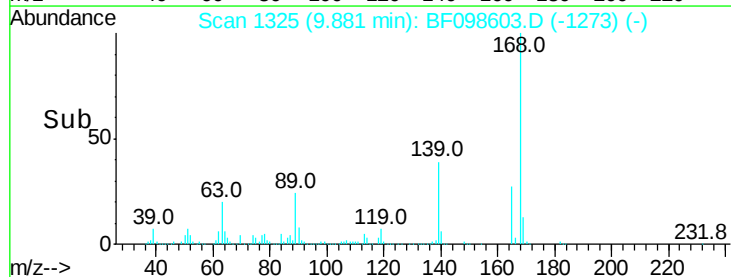
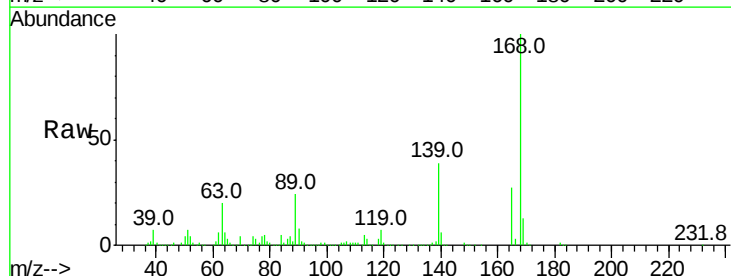
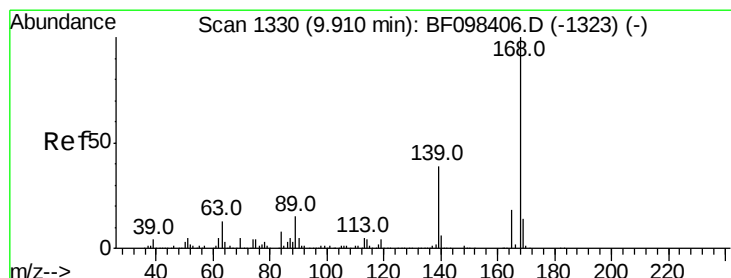
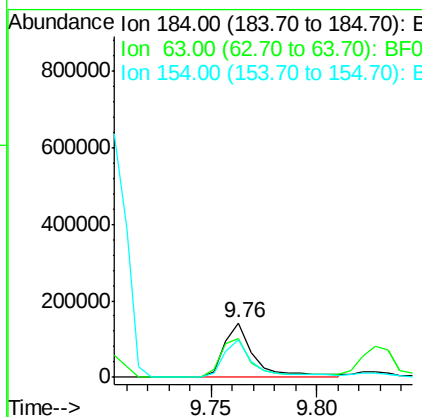
#53
2,4-Dinitrophenol
Concen: 76.296 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tot Ion:184 Resp: 142668
Ion Ratio Lower Upper
184 100
63 71.2 62.7 94.1
154 68.1 81.1 121.7#

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

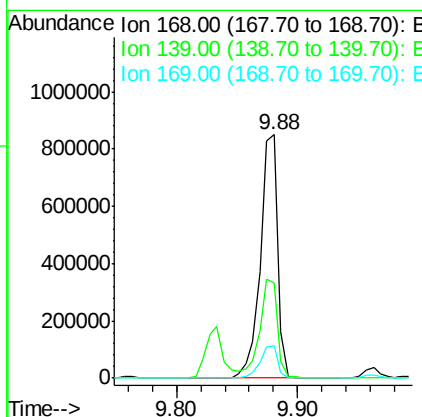
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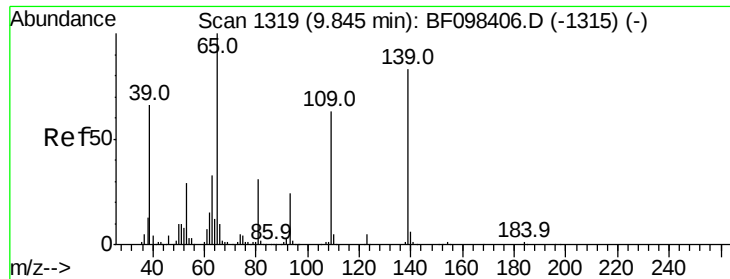
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#54
Dibenzofuran
Concen: 42.873 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion:168 Resp: 853887
Ion Ratio Lower Upper
168 100
139 38.9 30.6 45.8
169 13.1 10.8 16.2





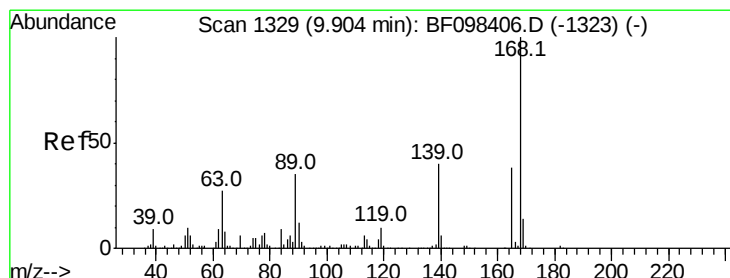
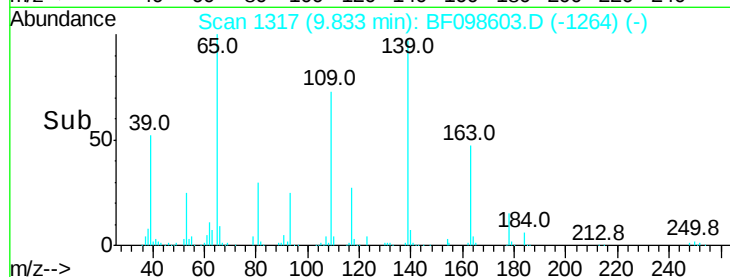
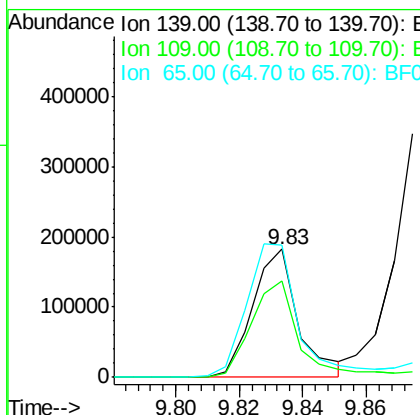
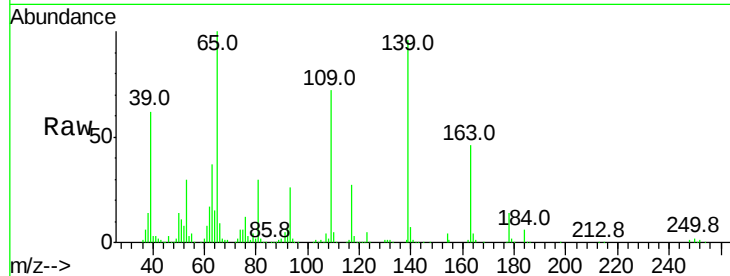
#55
4-Nitrophenol
Concen: 65.665 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.2	34.1	74.1#	
65	103.8	31.4	71.4#	

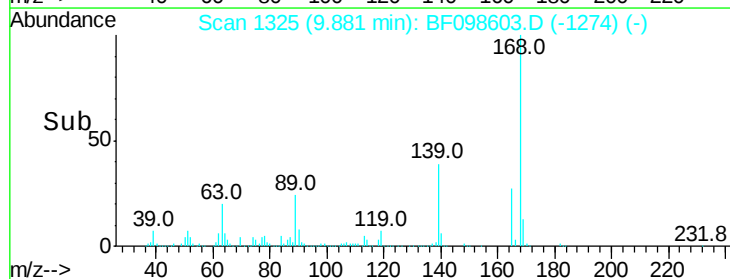
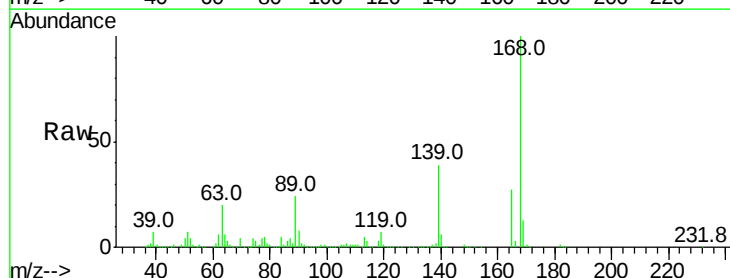
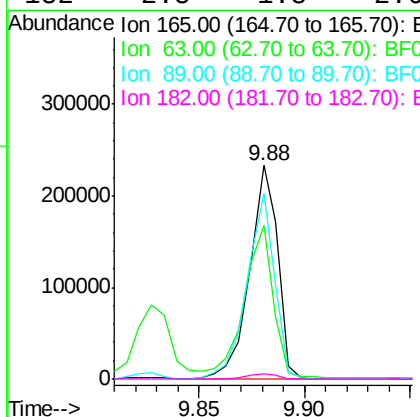
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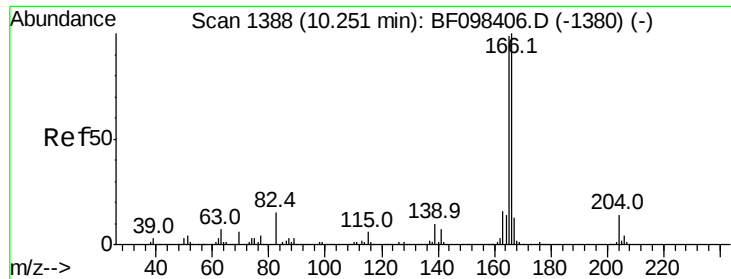
Sohil
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#56
2,4-Dinitrotoluene
Concen: 44.693 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.2	25.4	38.0#	
89	86.9	46.4	69.6#	
182	2.5	1.8	2.6	





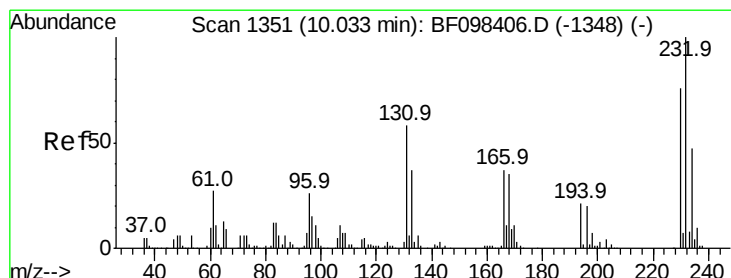
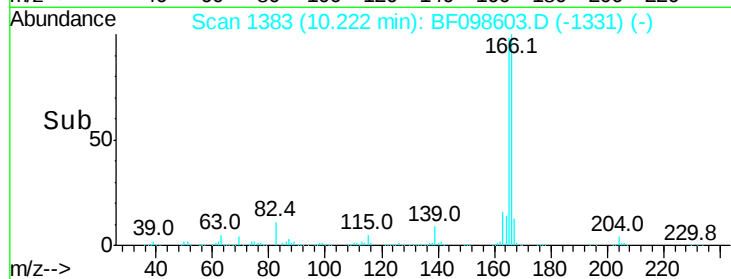
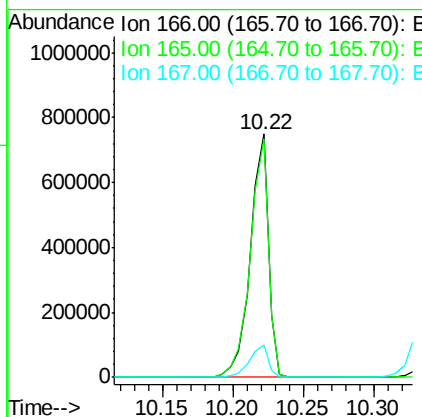
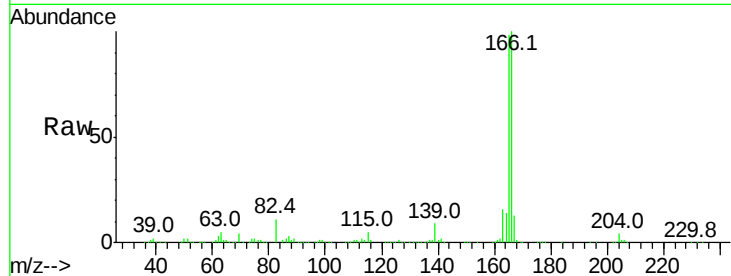
#57
 Fluorene
 Concen: 41.015 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	676140		
165	97.9	78.8	118.2	
167	13.4	10.6	16.0	

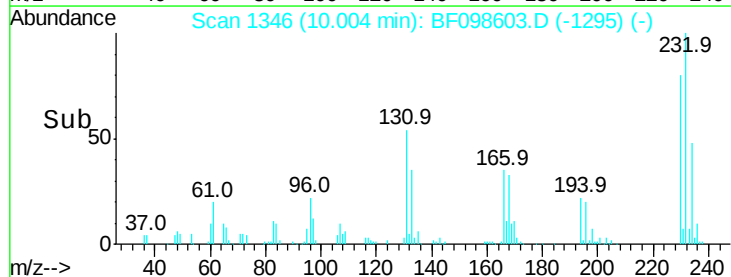
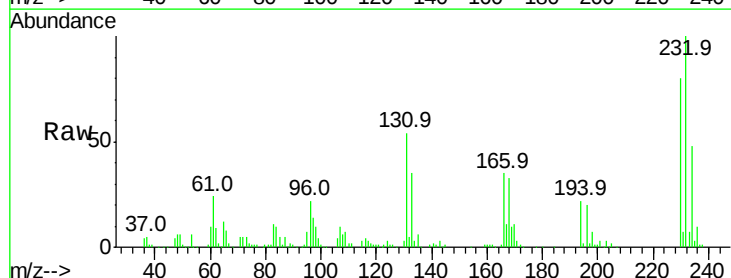
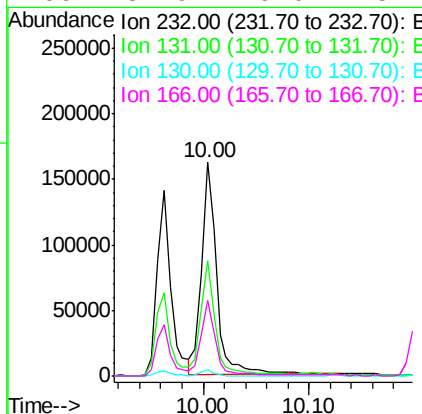
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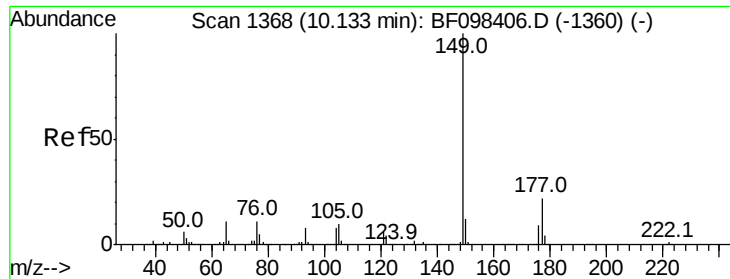
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.884 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	160430		
131	52.2	44.8	67.2	
130	2.8	2.3	3.5	
166	32.9	29.0	43.4	





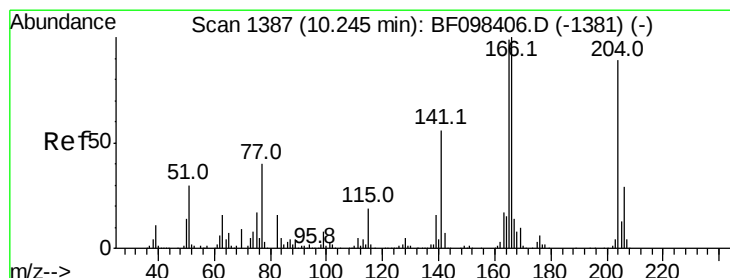
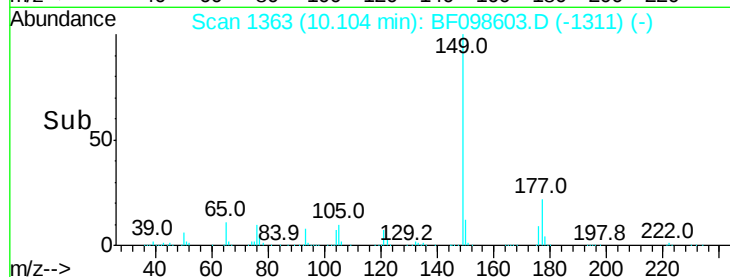
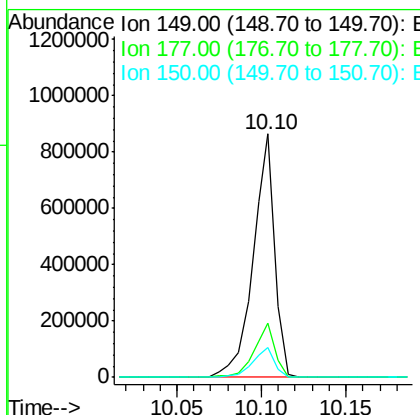
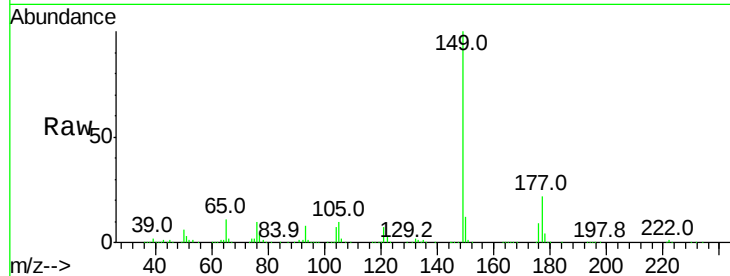
#59
Diethylphthalate
Concen: 41.621 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	766736		
177	22.0	16.7	25.1	
150	12.3	10.2	15.2	

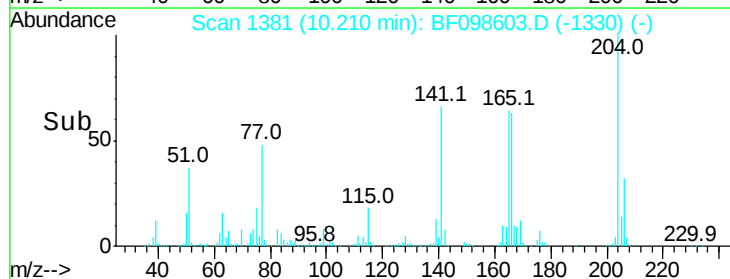
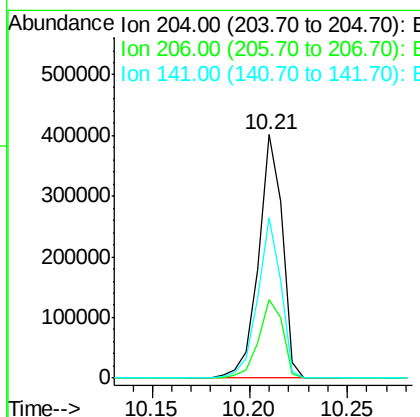
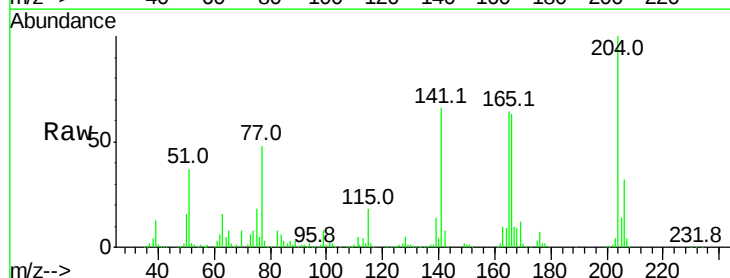
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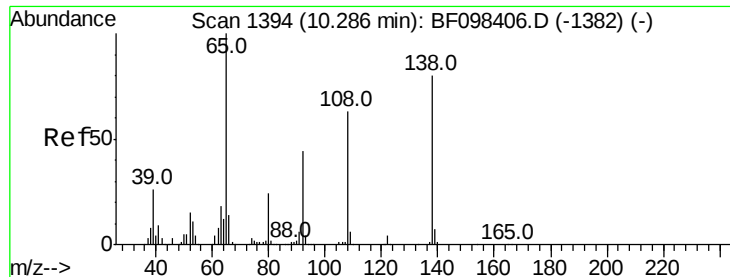
Sohil
9/19/2017 5:31:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.588 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	339509		
206	32.4	26.2	39.2	
141	65.8	60.8	91.2	





#61

4-Nitroaniline

Concen: 33.853 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102381BSD

Tot Ion:138 Resp: 164209

Ion Ratio Lower Upper

138 100

92 51.0 21.8 61.8

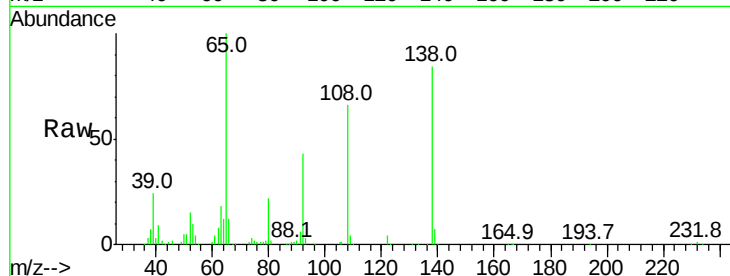
108 78.3 42.3 82.3

Manual Integrations

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Sohil

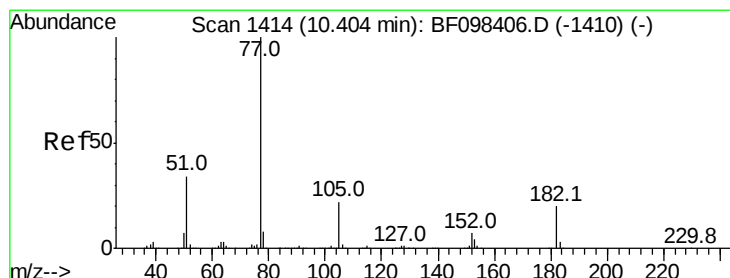
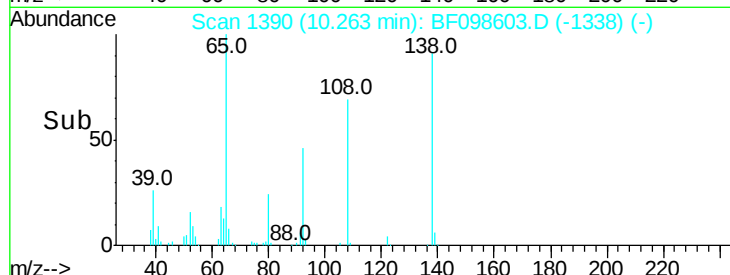
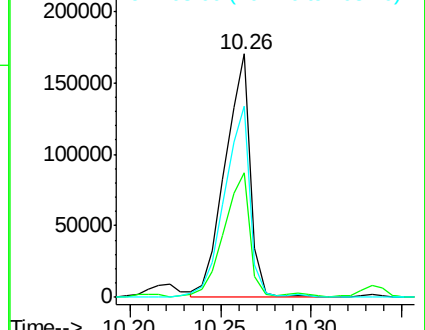
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.344 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion: 77 Resp: 741462

Ion Ratio Lower Upper

77 100

182 25.9 0.1 40.1

105 23.1 3.6 43.6

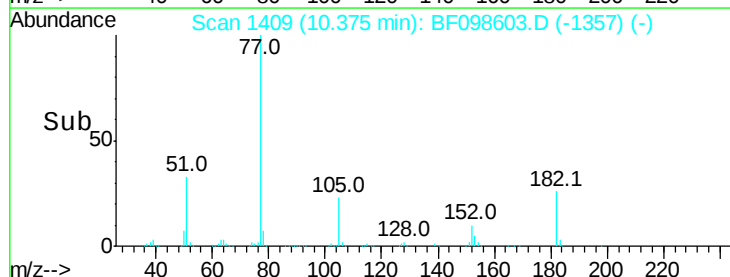
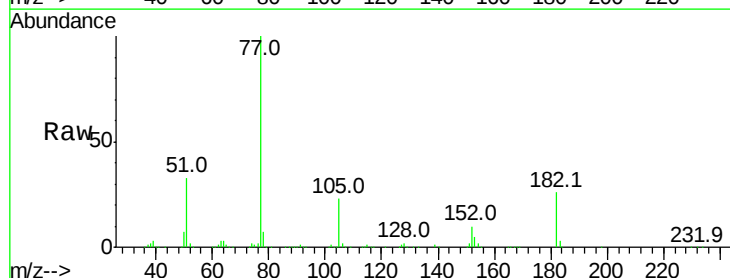
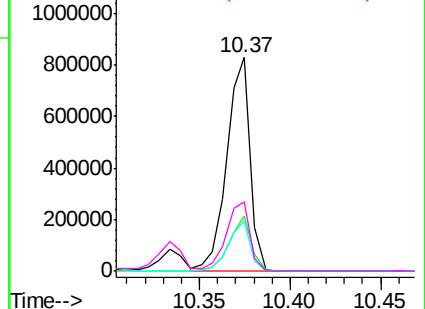
51 32.7 9.4 49.4

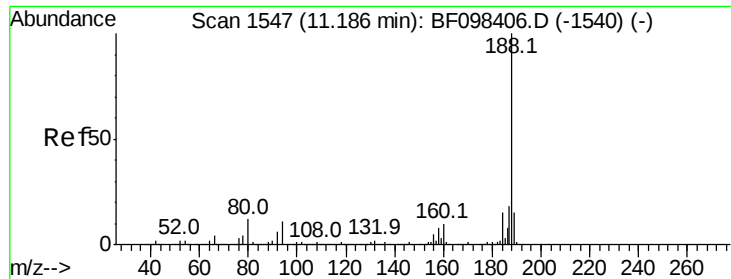
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





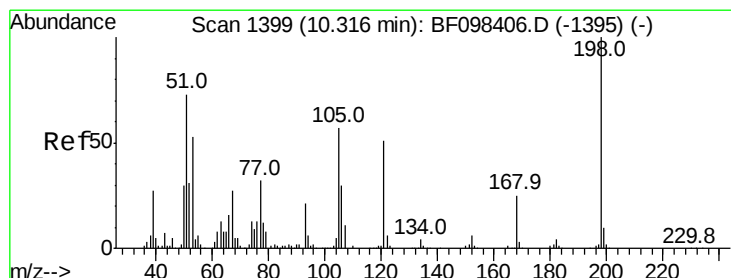
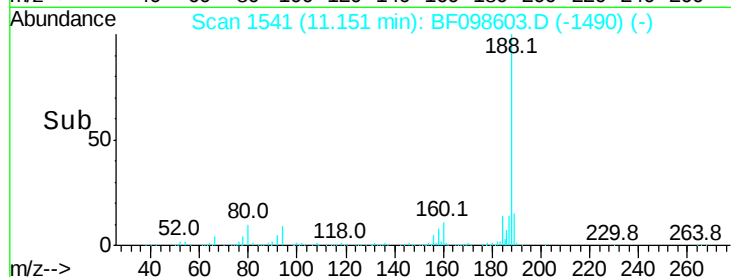
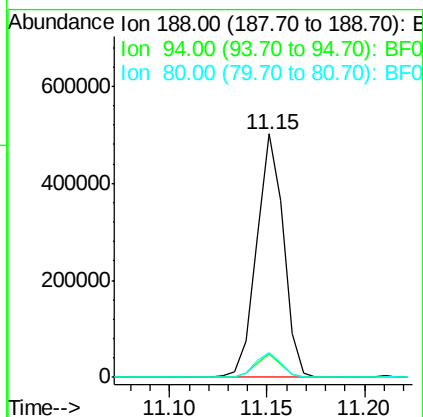
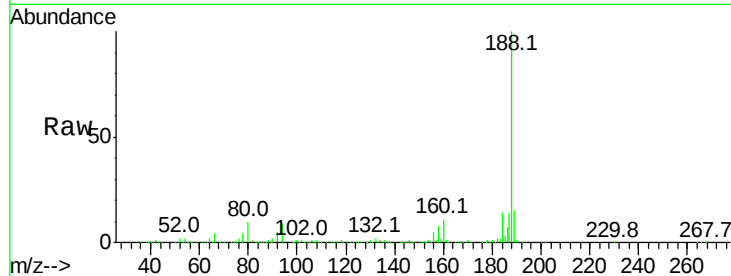
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	477255		
94	9.4	9.4	14.2#	
80	10.2	10.2	15.2#	

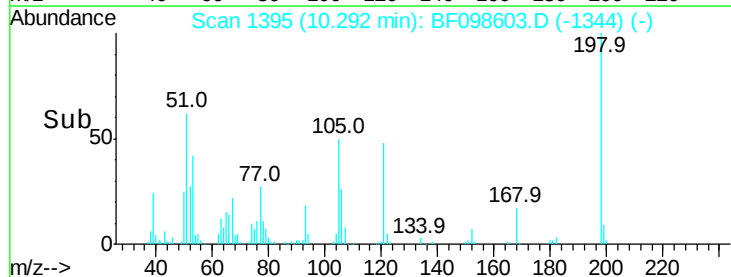
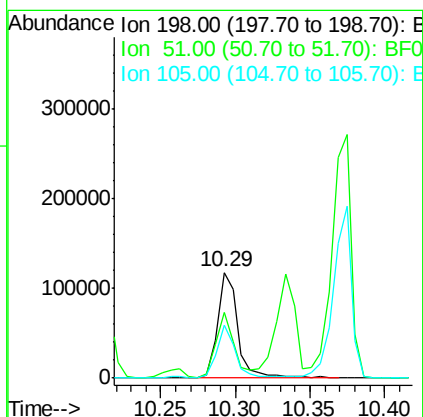
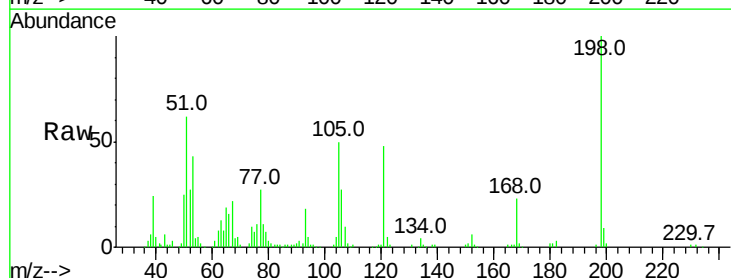
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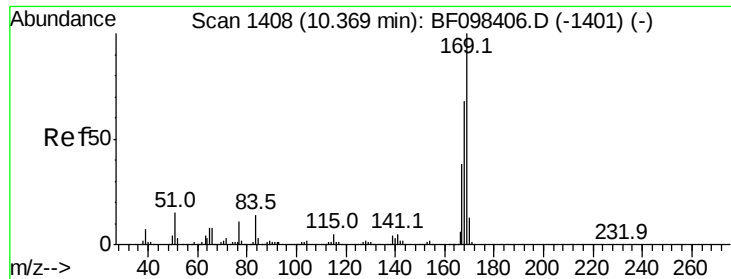
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.255 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	111956		
51	62.0	53.2	93.2	
105	49.6	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 39.908 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102381BSD

Tot Ion:169 Resp: 618449

Ion Ratio Lower Upper

169 100

168 68.6 53.2 79.8

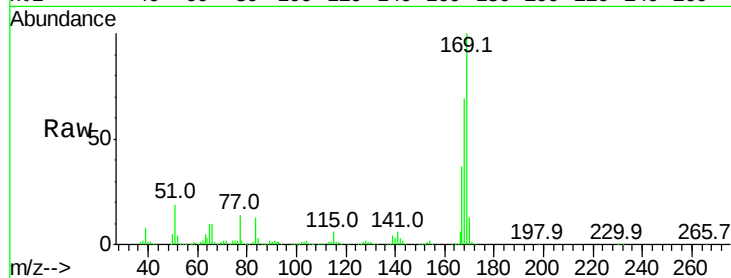
167 37.3 29.5 44.3

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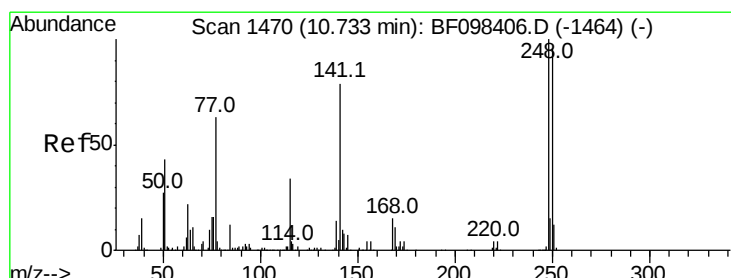
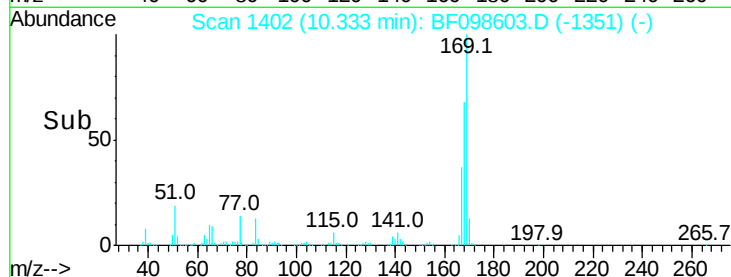
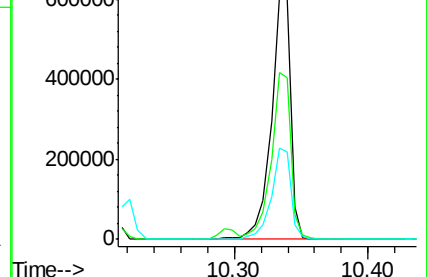
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.095 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

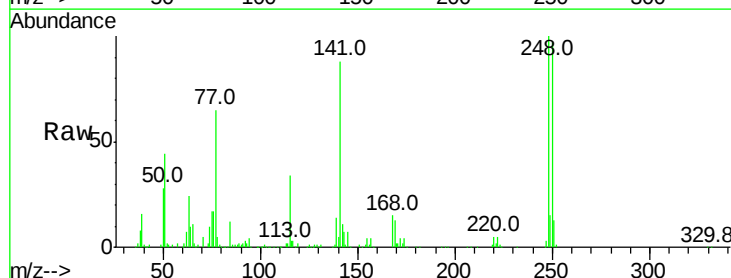
Tgt Ion:248 Resp: 199732

Ion Ratio Lower Upper

248 100

250 97.2 76.8 115.2

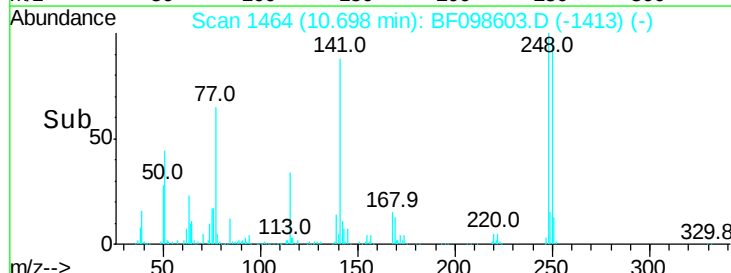
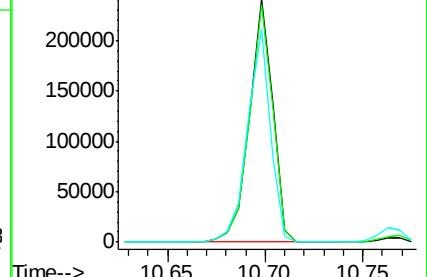
141 87.6 68.6 103.0

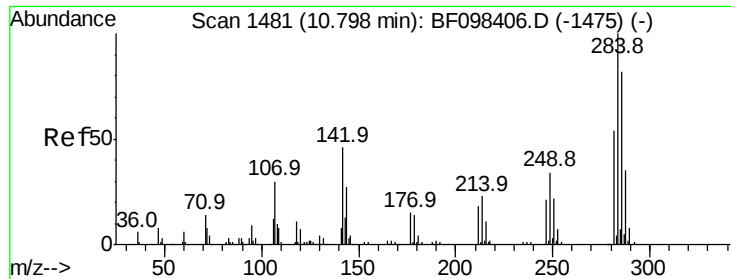


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.806 ng

RT: 10.77 min Scan# 1476

Delta R.T. 0.01 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

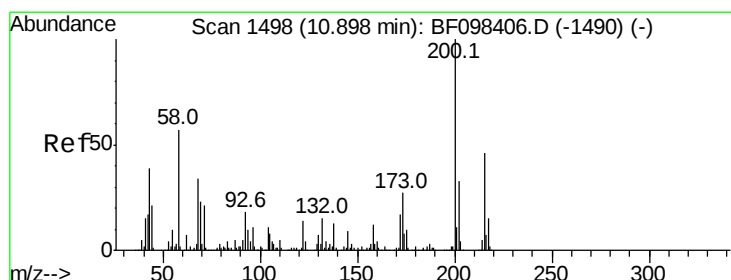
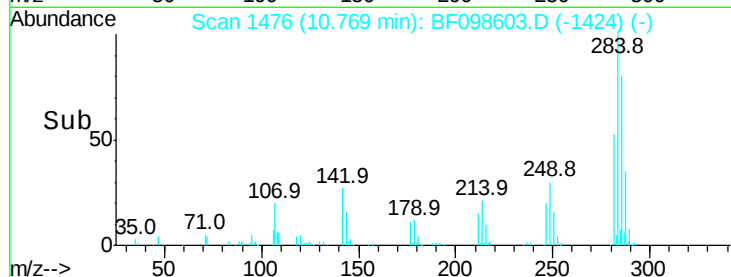
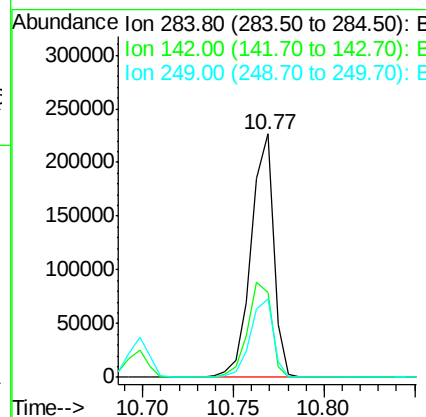
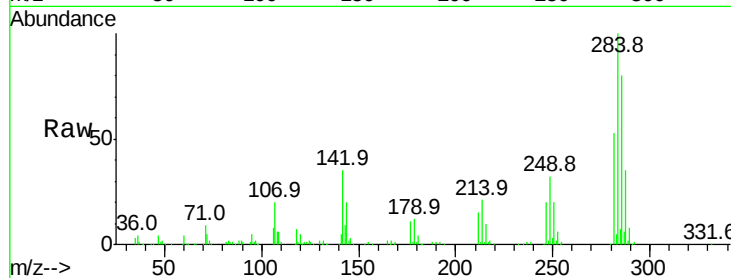
ClientSampleId :

PB102381BSD

Tot Ion:	284	Resp:	196671
Ion Ratio		Lower	Upper
284	100		
142	34.9	22.8	34.2#
249	32.1	24.0	36.0

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#68

Atrazine

Concen: 45.006 ng

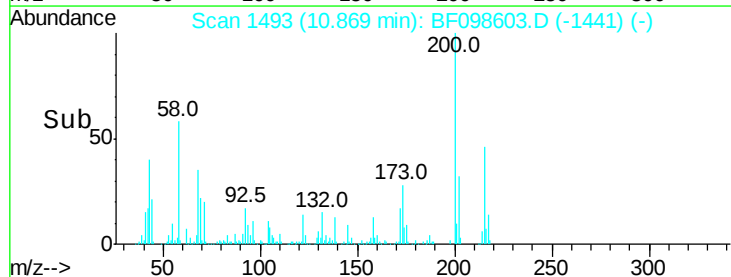
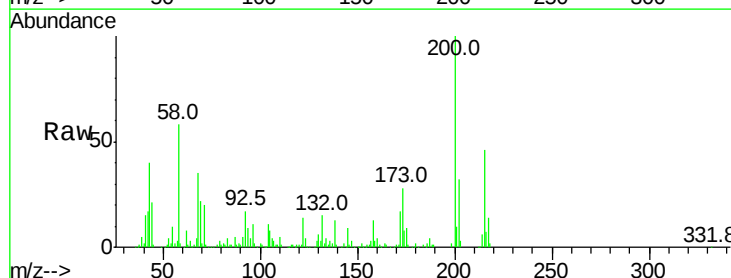
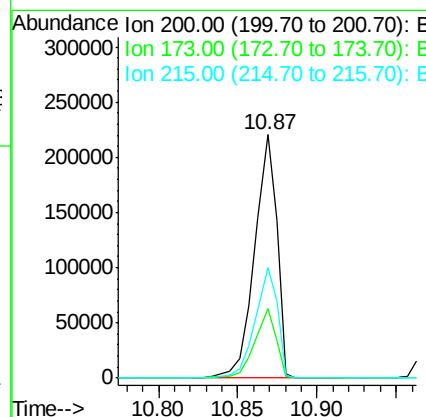
RT: 10.87 min Scan# 1493

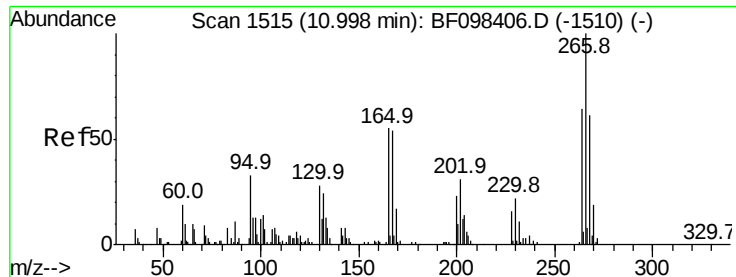
Delta R.T. 0.01 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion:	200	Resp:	214717
Ion Ratio		Lower	Upper
200	100		
173	28.3	6.3	46.3
215	45.6	27.2	67.2





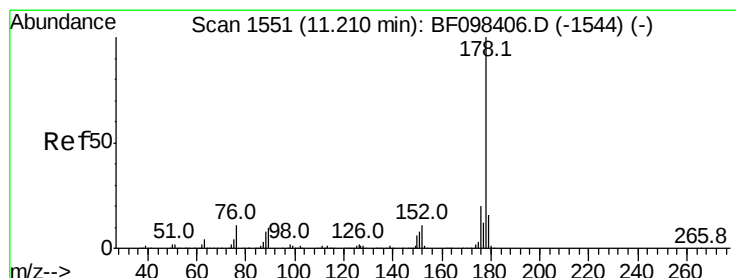
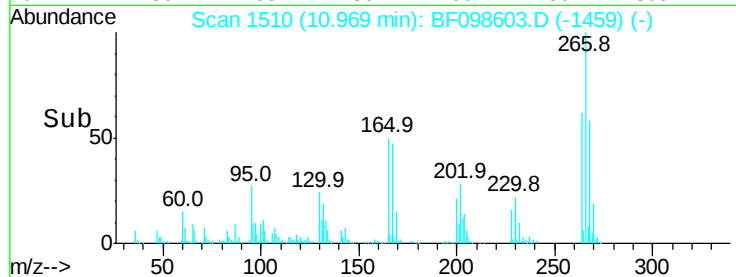
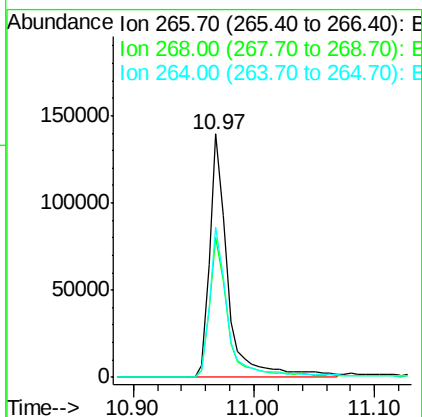
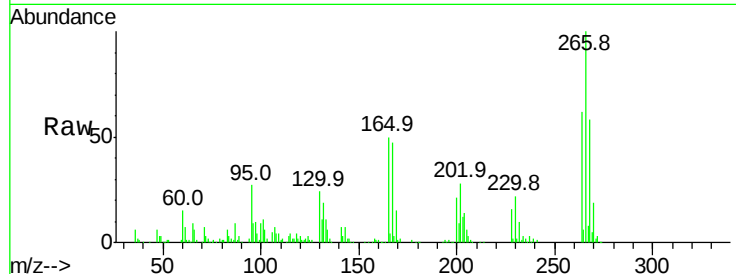
#69
 Pentachlorophenol
 Concen: 72.140 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	145202		
268	57.6		51.1	76.7
264	61.9		51.7	77.5

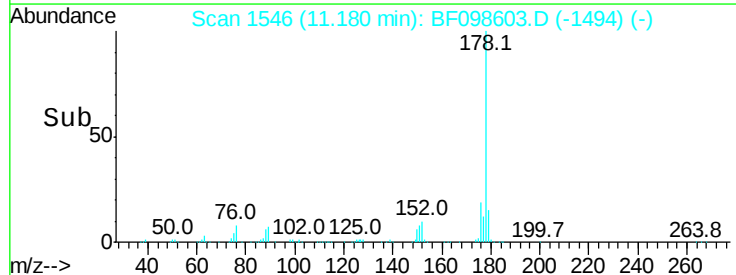
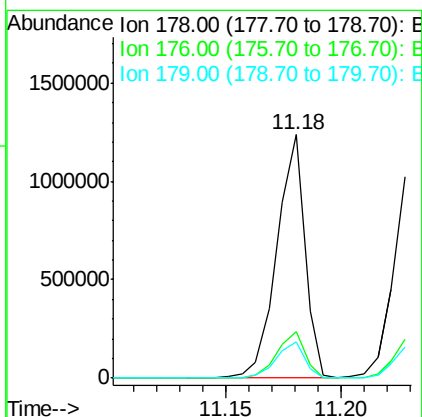
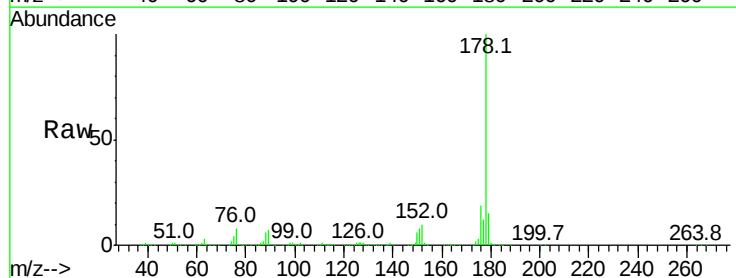
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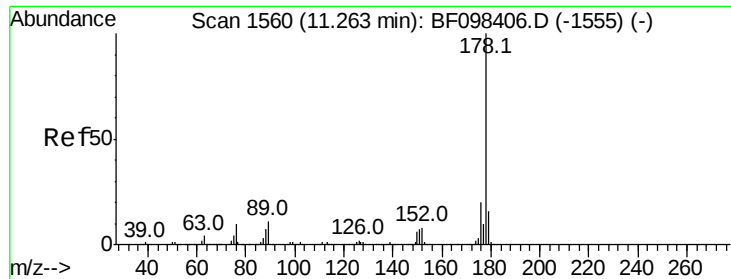
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#70
 Phenanthrene
 Concen: 41.072 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1039139		
176	19.0		16.2	24.4
179	15.0		12.6	19.0





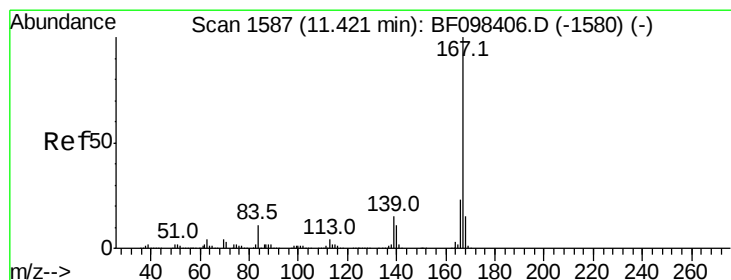
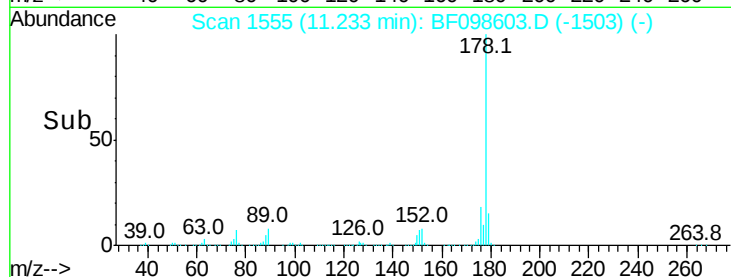
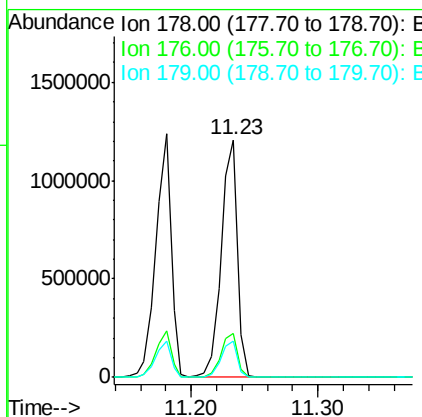
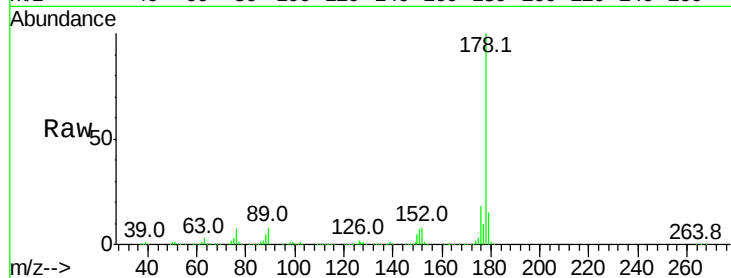
#71
 Anthracene
 Concen: 41.560 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.2	12.7	19.1

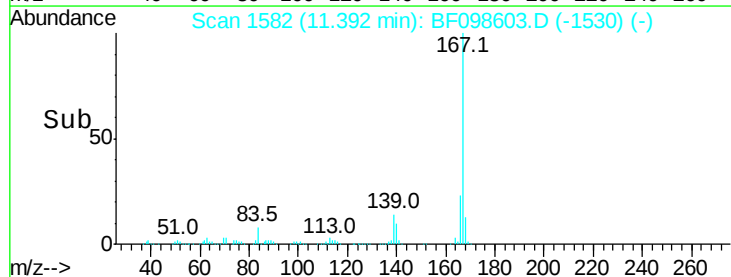
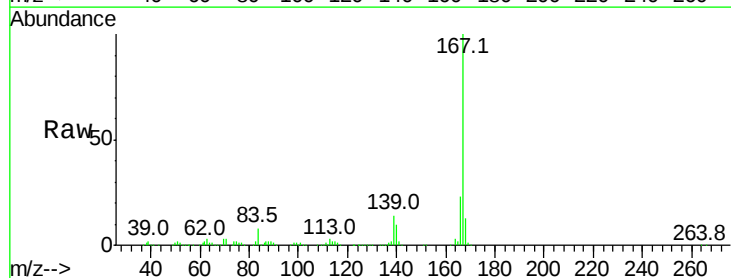
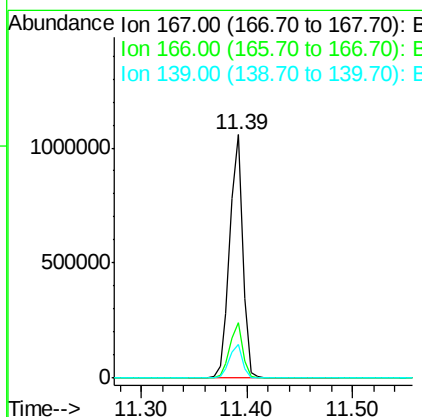
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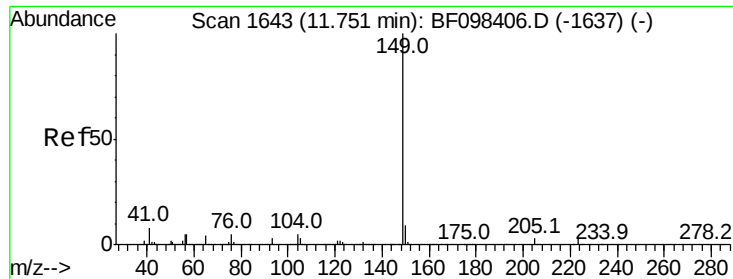
Sohil
 9/19/2017 5:31:41 PM



#72
 Carbazole
 Concen: 37.397 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 42.707 ng

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB102381BSD

Tot Ion:149 Resp: 1238751

Ion Ratio Lower Upper

149 100

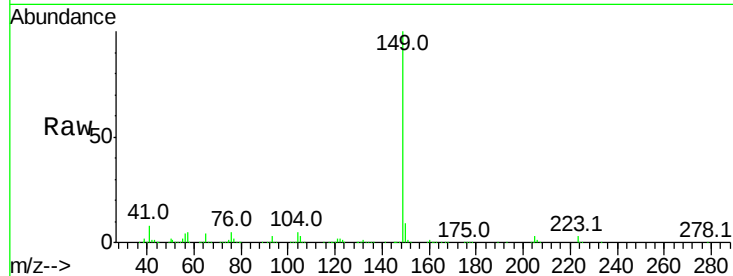
150 9.4 7.7 11.5

104 5.4 4.0 6.0

Manual Integrations
APPROVED

Sohil

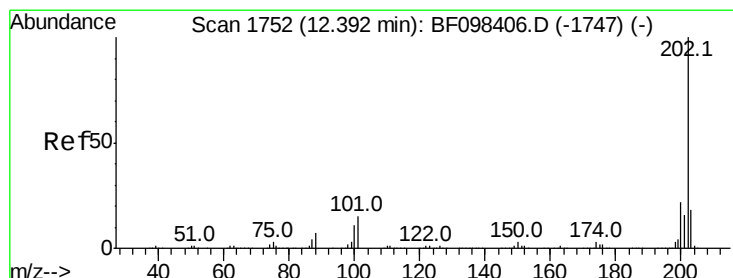
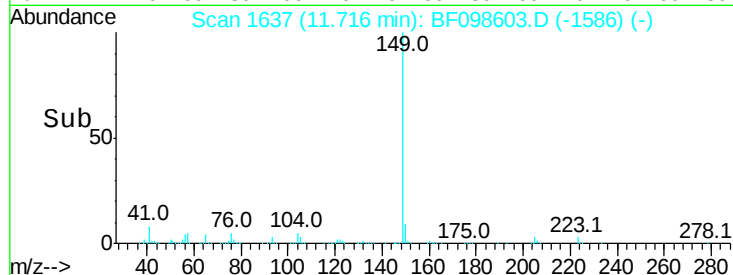
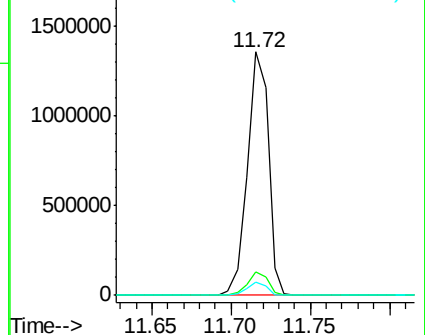
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.836 ng

RT: 12.36 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

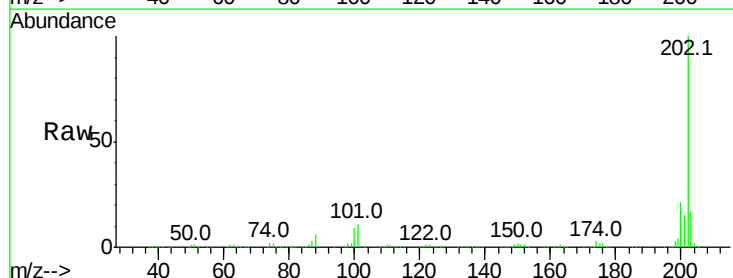
Tgt Ion:202 Resp: 1034293

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.2

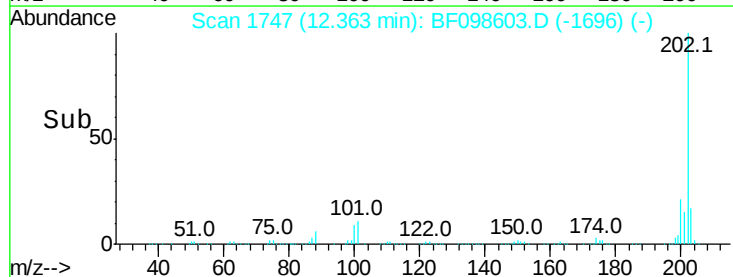
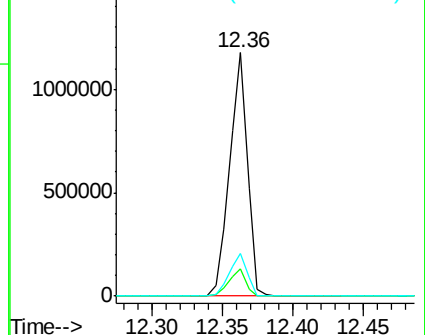
203 17.3 0.0 38.1

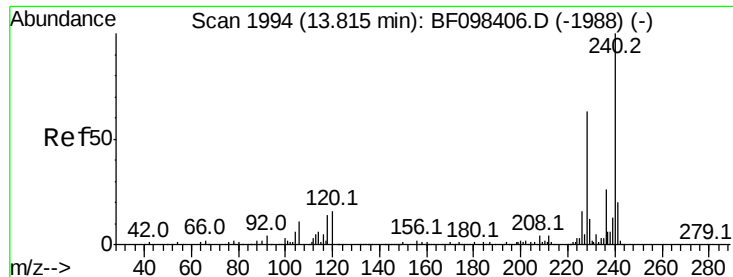


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

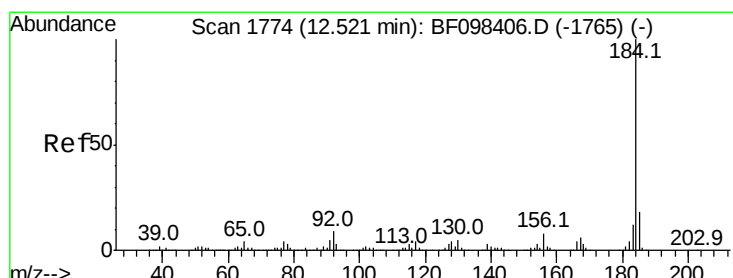
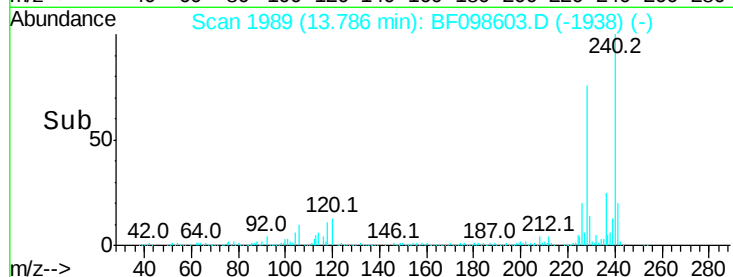
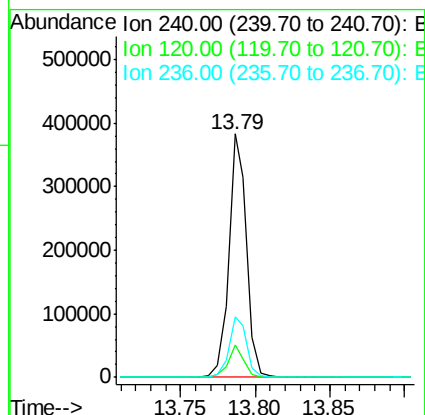
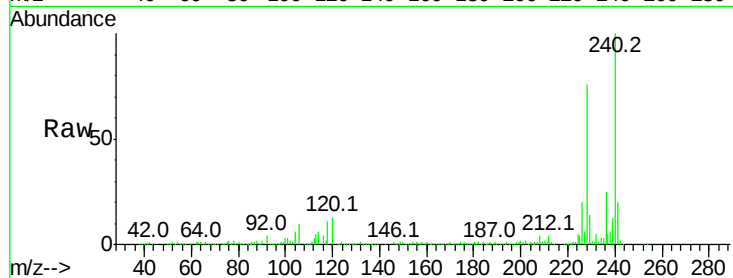
ClientSampleID :

PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.1	5.8	8.8#	
236	25.1	20.5	30.7	

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#76

Benzidine

Concen: 32.989 ng

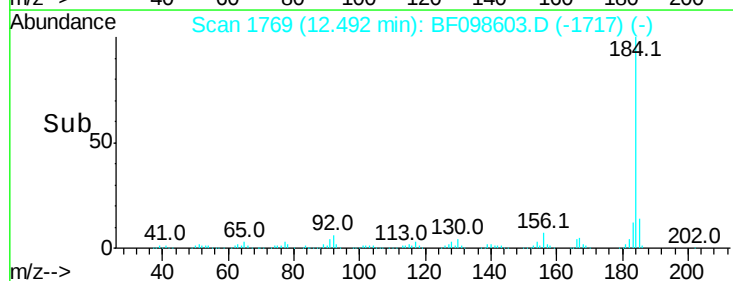
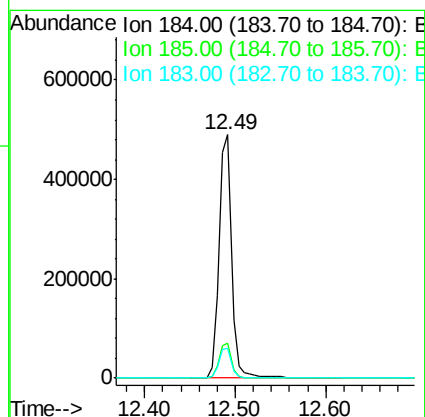
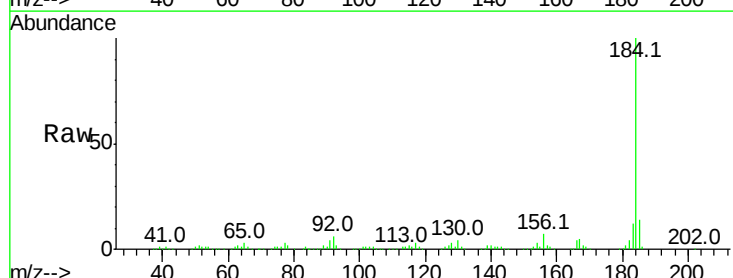
RT: 12.49 min Scan# 1769

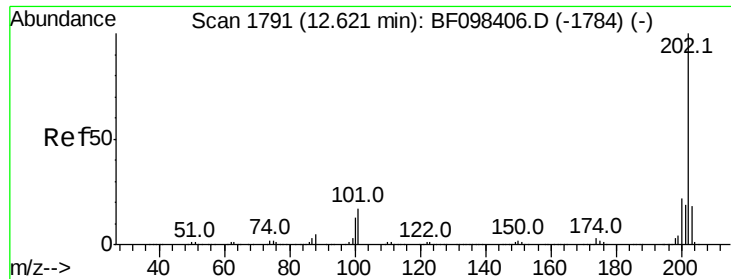
Delta R.T. 0.01 min

Lab File: BF098603.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.4	15.5	23.3#	
183	12.0	9.8	14.6	





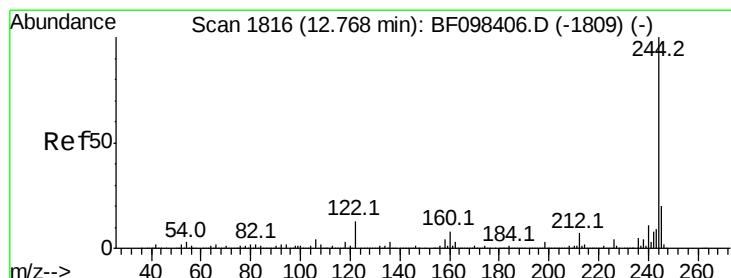
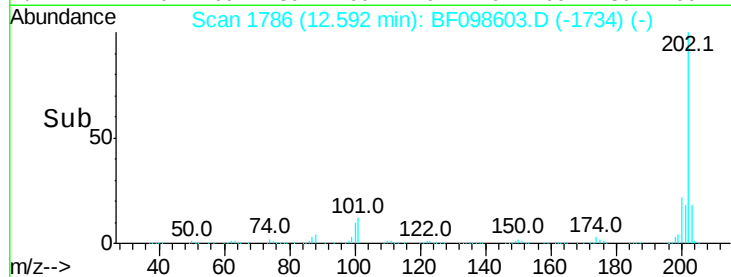
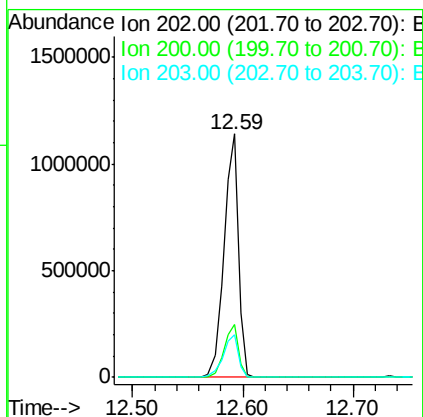
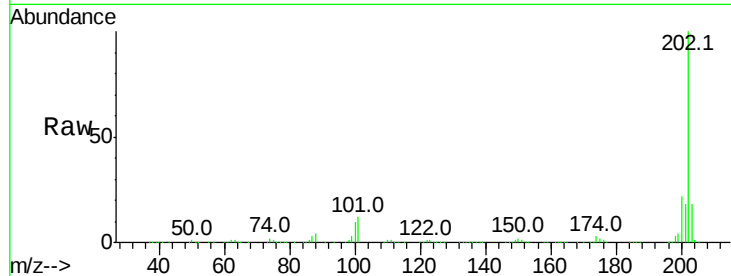
#77
Pvrene
Concen: 41.192 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.5	14.4	21.6

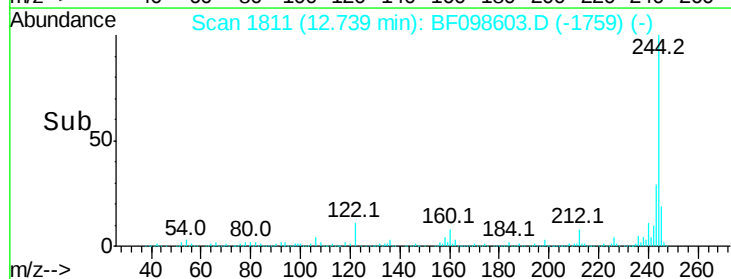
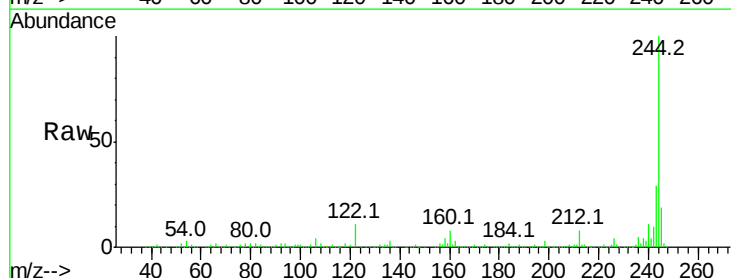
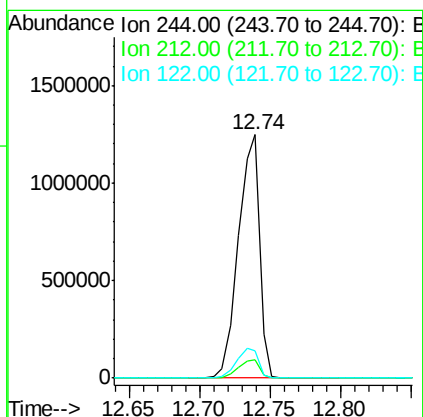
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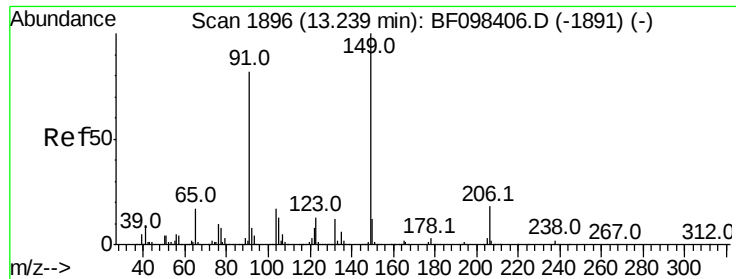
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#78
Terphenyl-d14
Concen: 87.508 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	11.4	10.3	15.5





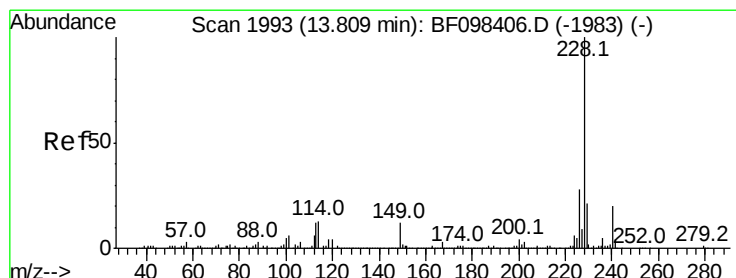
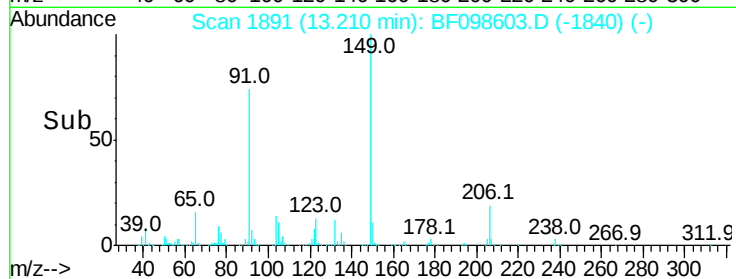
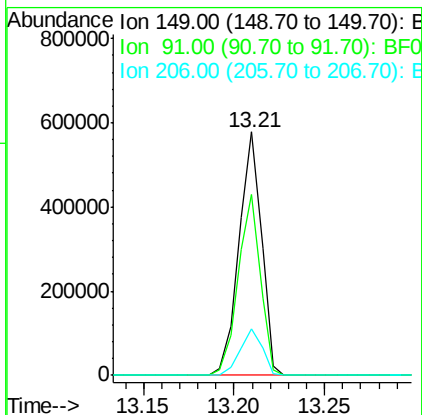
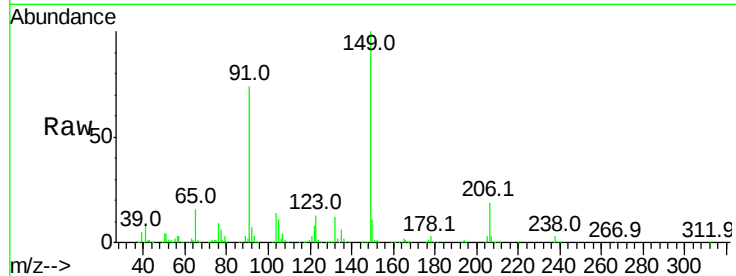
#79
Butylbenzylphthalate
Concen: 45.552 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	499149		
91	74.1	45.0	67.4#	
206	19.0	17.0	25.6	

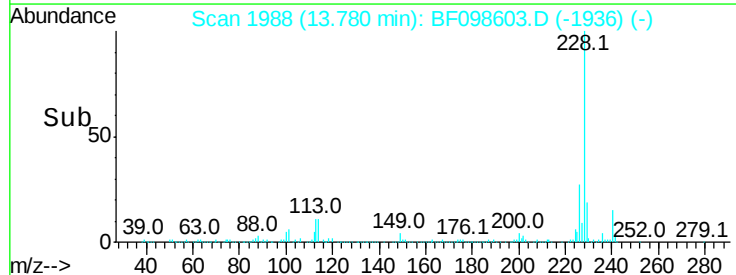
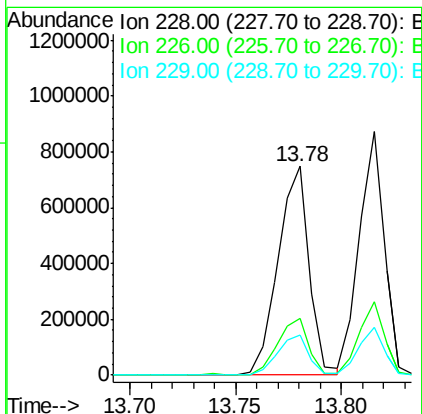
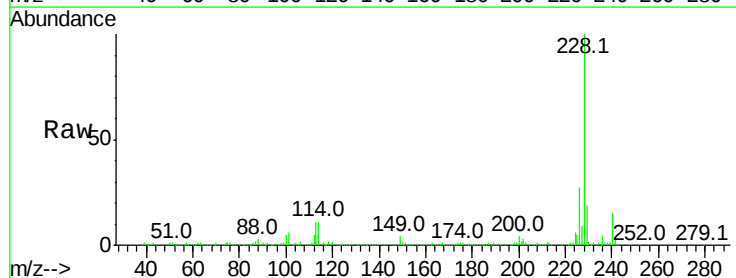
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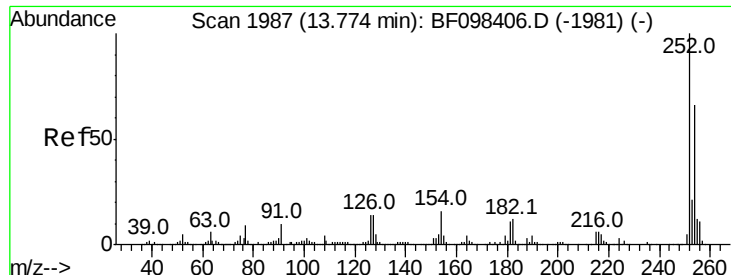
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#80
Benzo(a)anthracene
Concen: 40.938 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	768487		
226	27.2	22.6	33.8	
229	19.2	16.3	24.5	





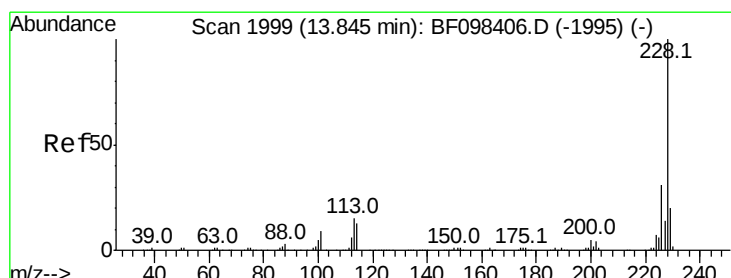
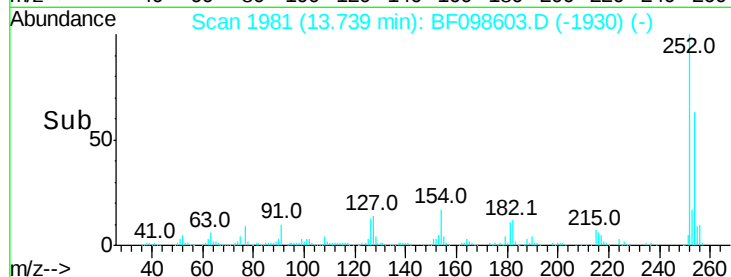
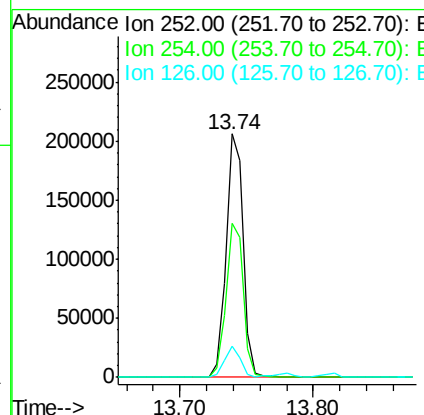
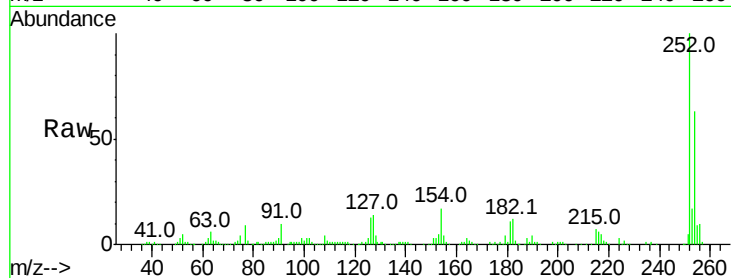
#81
 3,3'-Dichlorobenzidine
 Concen: 25.566 ng
 RT: 13.74 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	186509		
254	63.4	51.5	77.3	
126	12.9	15.8	23.8	

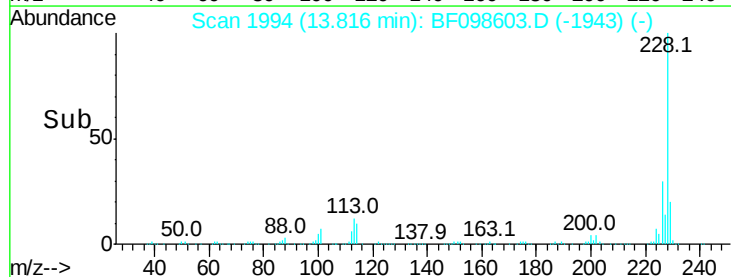
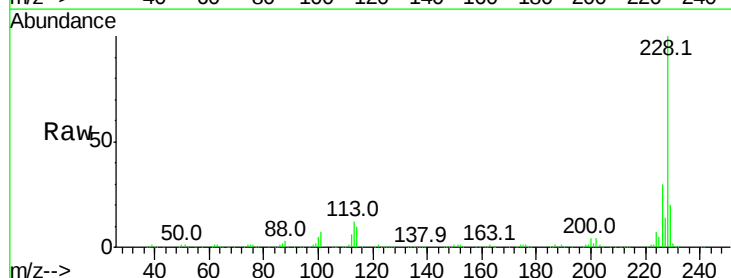
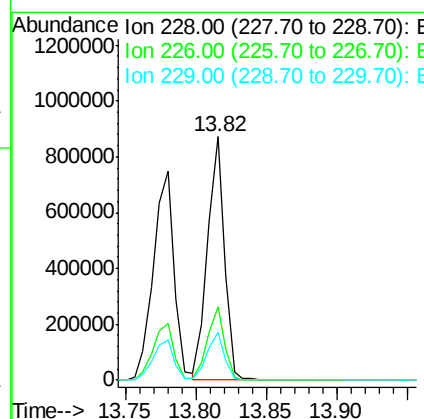
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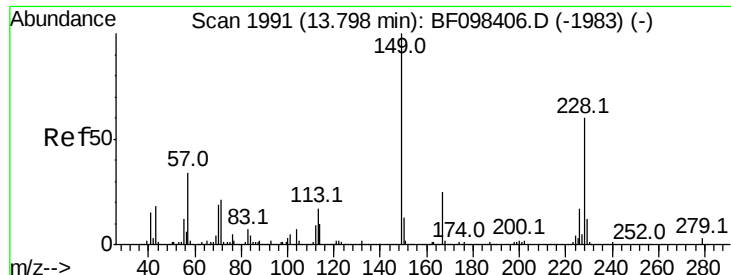
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#82
 Chrysene
 Concen: 38.318 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	727093		
226	30.2	24.9	37.3	
229	19.6	15.8	23.6	





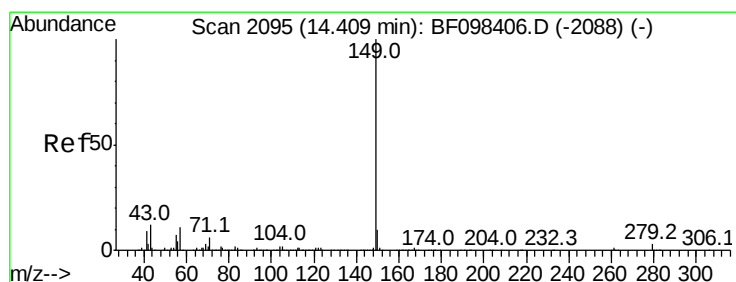
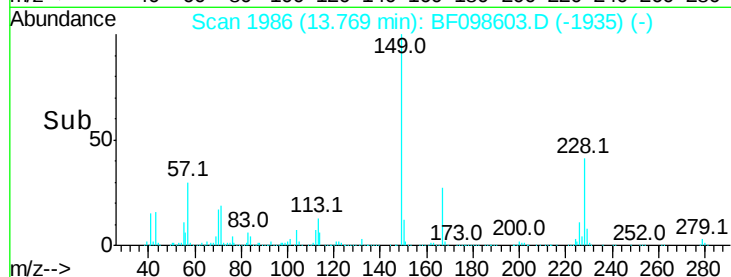
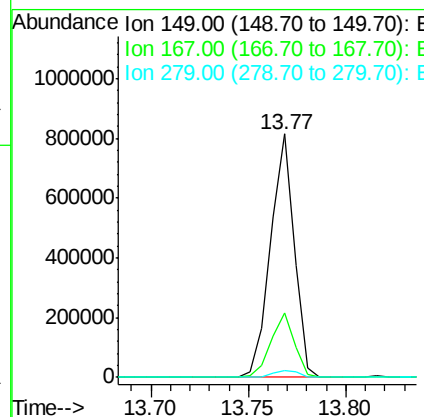
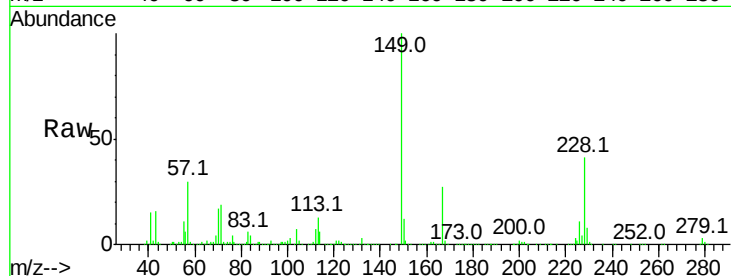
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.099 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	688971		
167	26.7		21.0	31.4
279	2.9		1.9	2.9#

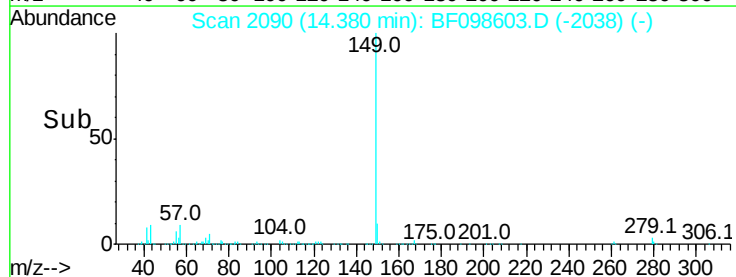
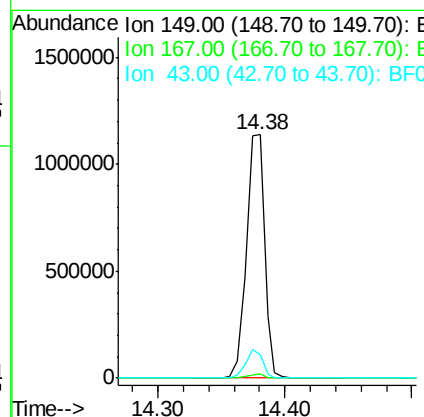
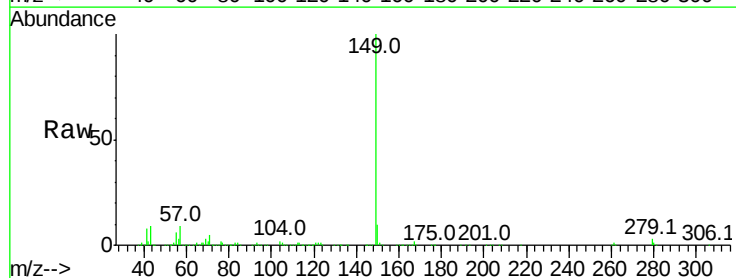
Manual Integrations
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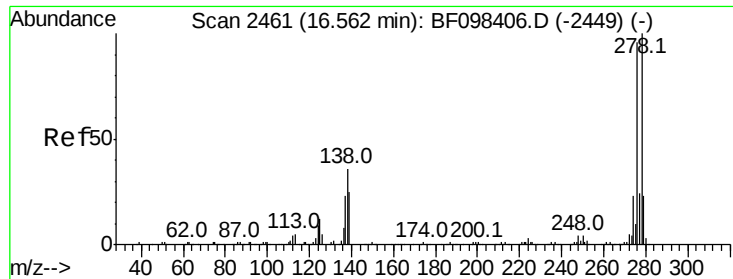
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#84
 Di-n-octyl phthalate
 Concen: 47.283 ng
 RT: 14.38 min Scan# 2090
 Delta R.T. 0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1115649		
167	1.6		1.2	1.8
43	10.9		8.5	12.7





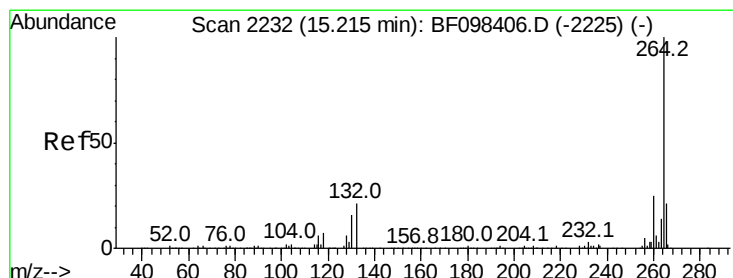
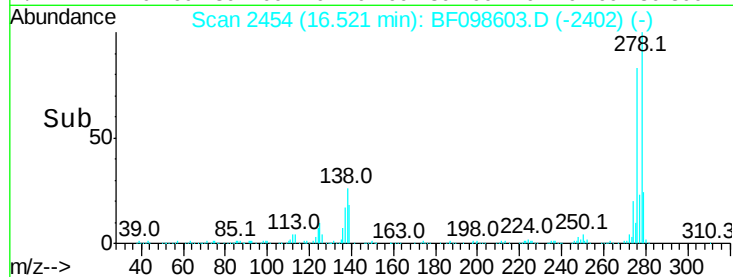
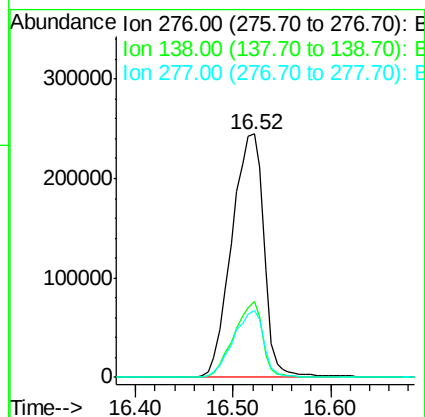
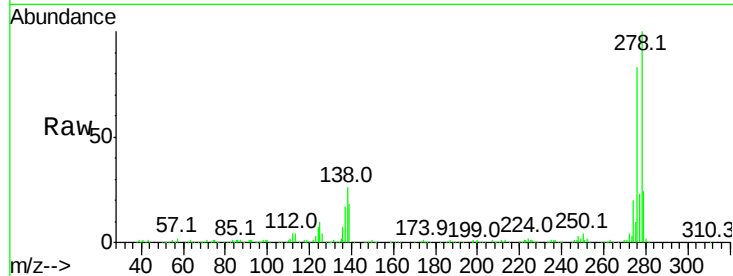
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.090 ng
RT: 16.52 min Scan# 2454
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	560331		
138	27.6	27.8	41.6#	
277	26.1	20.2	30.4	

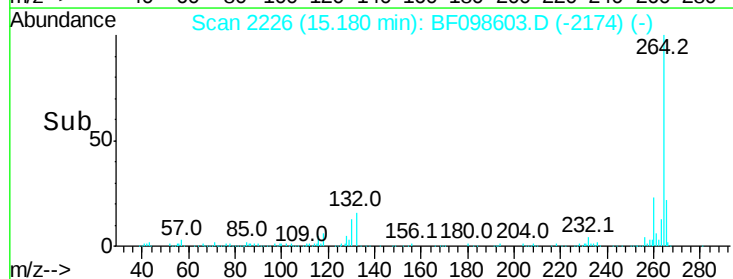
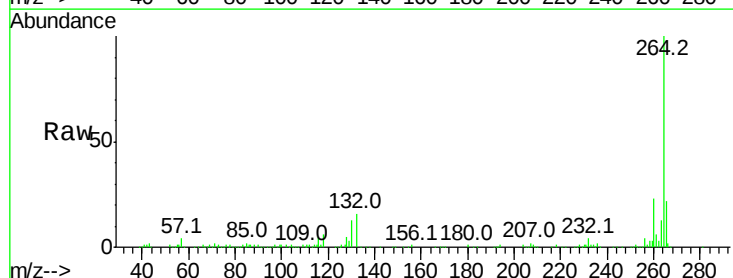
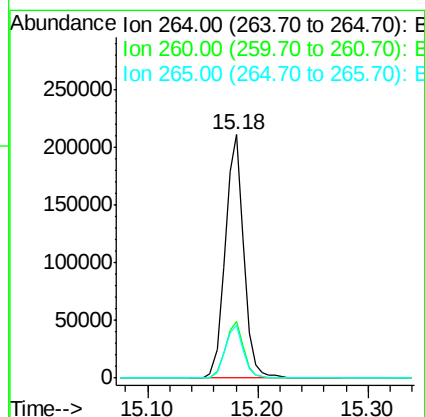
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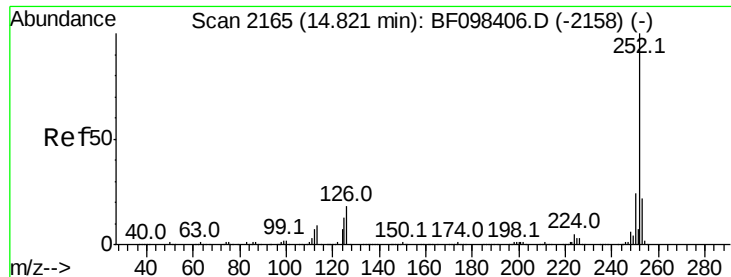
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	247554		
260	23.2	19.5	29.3	
265	21.6	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 41.363 ng

RT: 14.79 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Instrument :

BNA_F

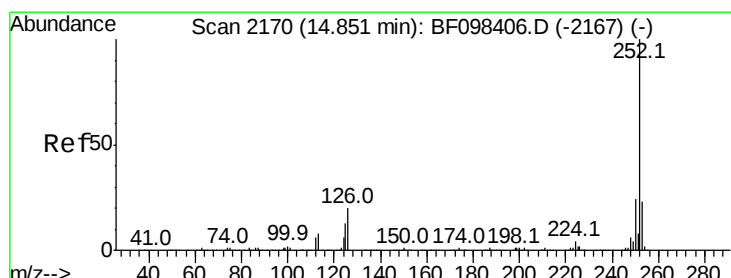
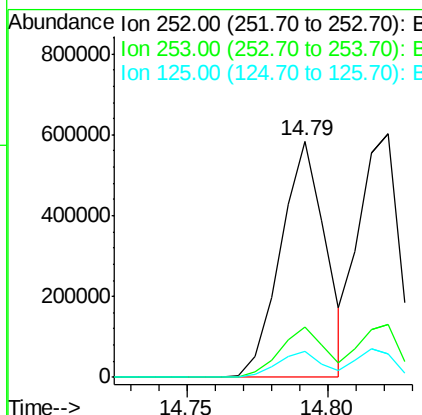
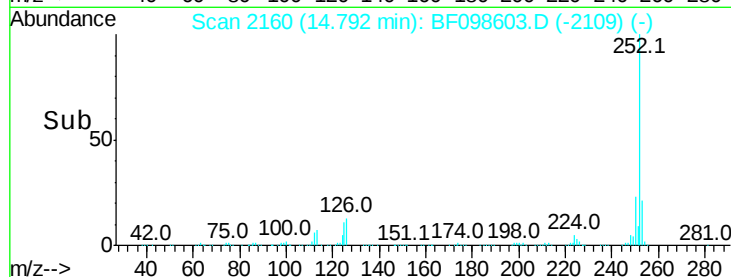
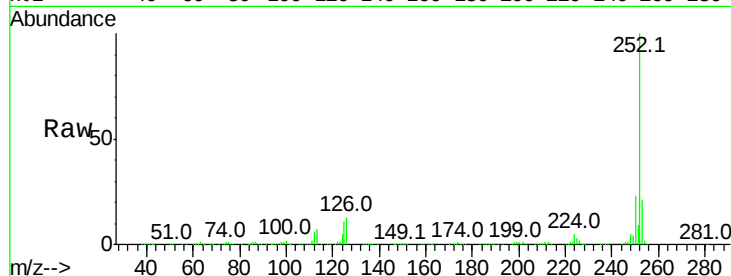
ClientSampleId :

PB102381BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	10.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 41.654 ng

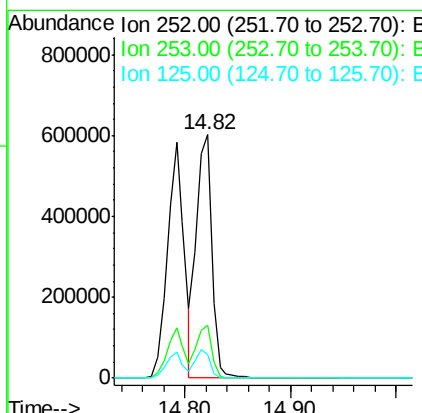
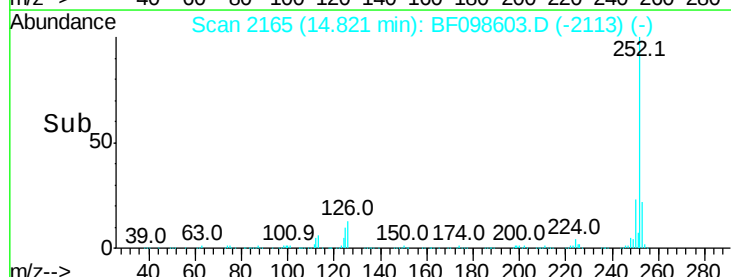
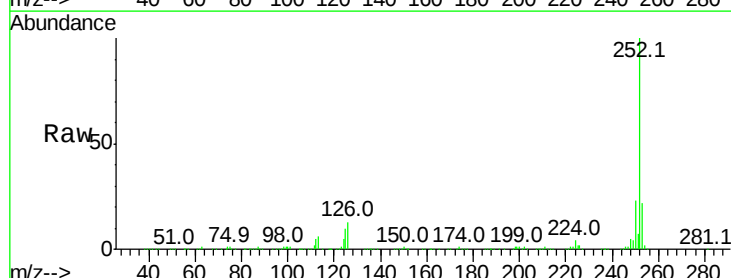
RT: 14.82 min Scan# 2165

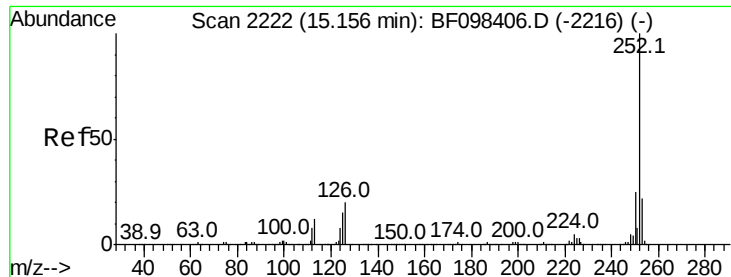
Delta R.T. 0.01 min

Lab File: BF098603.D

Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	9.6	13.1	19.7#





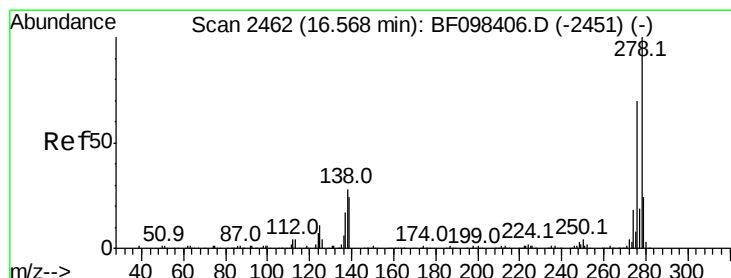
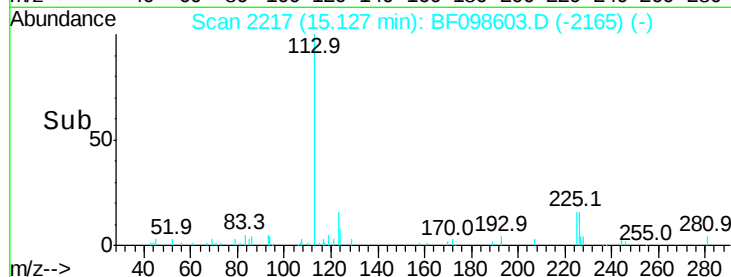
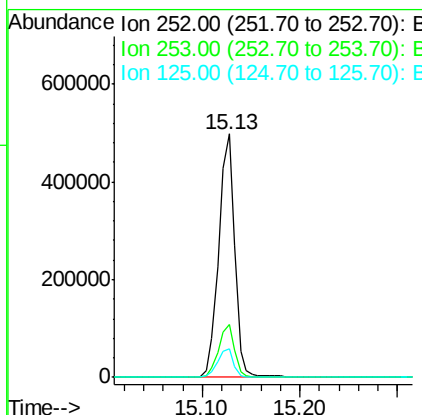
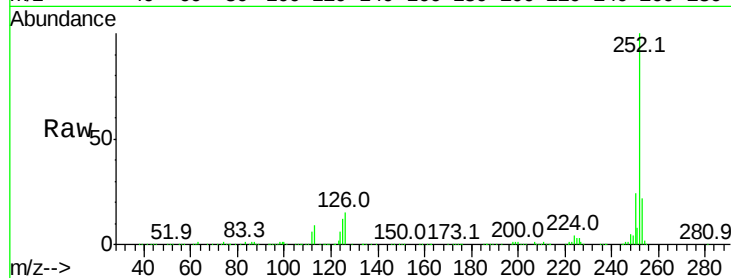
#89
Benzo(a)pyrene
Concen: 41.137 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB102381BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	11.6	11.0	16.4

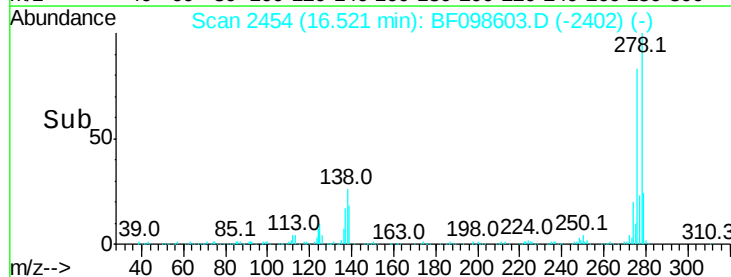
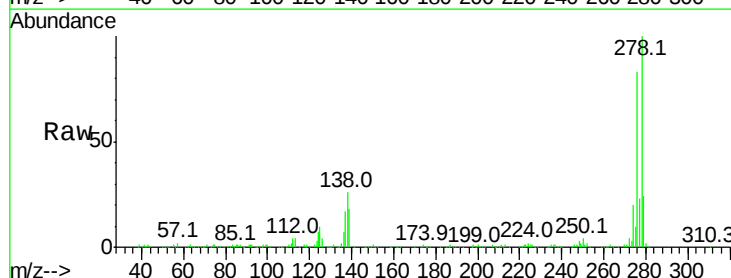
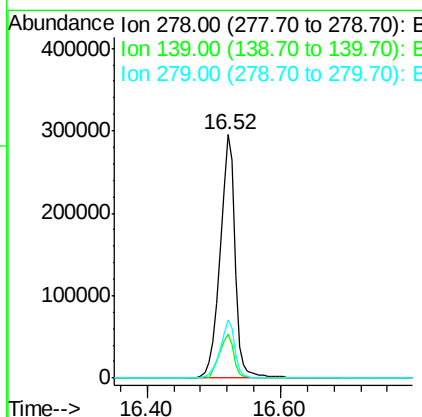
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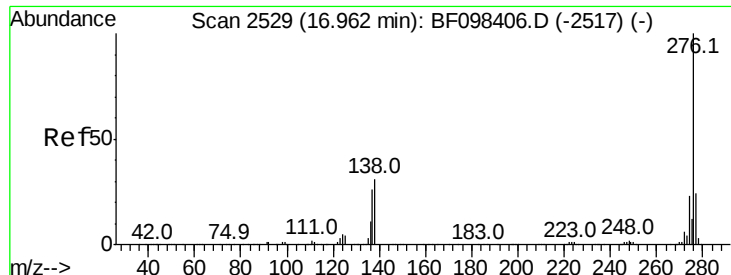
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 46.817 ng
RT: 16.52 min Scan# 2454
Delta R.T. 0.01 min
Lab File: BF098603.D
Acq: 18 Sep 2017 15:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 46.071 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.01 min
 Lab File: BF098603.D
 Acq: 18 Sep 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB102381BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	24.2	25.4	38.0

Manual Integrations
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