

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102078.D
 Acq On : 15 Jan 2018 22:13
 Operator : SJ/JU
 Sample : PB105648BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Manual Integrations
 APPROVED

Sohil
 1/16/2018 5:01:25 PM

Quant Time: Jan 16 01:09:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	197057	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	798891	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	322006	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	467173	20.00	ng	0.00
75) Chrysene-d12	13.87	240	314893	20.00	ng	-0.01
86) Perylene-d12	15.28	264	324909	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	946133	67.80	ng	0.01
7) Phenol-d6	6.36	99	1133292	68.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	1140820	83.92	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	220915	78.61	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1809872	87.81	ng	0.00
78) Terphenyl-d14	12.82	244	1094368	72.16	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	196470	28.211	ng	96
3) Pyridine	3.18	79	558215	29.351	ng	94
4) n-Nitrosodimethylamine	3.15	42	261258	32.804	ng	98
6) Aniline	6.39	93	255442	10.886	ng	98
8) 2-Chlorophenol	6.51	128	508988	36.367	ng	96
9) Benzaldehyde	6.27	77	79780	6.901	ng	95
10) Phenol	6.37	94	580331	30.842	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	452436	31.591	ng	97
12) 1,3-Dichlorobenzene	6.66	146	580399	35.974	ng	99
13) 1,4-Dichlorobenzene	6.74	146	590240	36.662	ng	99
14) 1,2-Dichlorobenzene	6.89	146	540279	36.257	ng	99
15) Benzyl Alcohol	6.87	79	438272	35.986	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	907400	34.370	ng	98
17) 2-Methylphenol	6.98	107	450998	35.720	ng	98
18) Hexachloroethane	7.23	117	203029	35.812	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	364678	33.422	ng	99
20) 3+4-Methylphenols	7.13	107	509284	33.595	ng	# 69
22) Acetophenone	7.13	105	720784	37.446	ng	# 87
24) Nitrobenzene	7.31	77	561598	38.443	ng	96
25) Isophorone	7.55	82	1028989	38.306	ng	100
26) 2-Nitrophenol	7.62	139	296955	48.567	ng	99
27) 2,4-Dimethylphenol	7.66	122	470903	41.238	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	649208	40.026	ng	99
29) 2,4-Dichlorophenol	7.86	162	433999	40.027	ng	100
30) 1,2,4-Trichlorobenzene	7.95	180	428715	37.801	ng	99
31) Naphthalene	8.03	128	1489469	37.312	ng	100
32) Benzoic acid	7.78	122	278009	32.107	ng	97
33) 4-Chloroaniline	8.07	127	98763	5.797	ng	98
34) Hexachlorobutadiene	8.14	225	225864	37.623	ng	98
35) Caprolactam	8.46	113	150290m	40.375	ng	
36) 4-Chloro-3-methylphenol	8.57	107	461692	38.900	ng	96
37) 2-Methylnaphthalene	8.72	142	995709	37.889	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	388737	42.672	ng	100
40) Hexachlorocyclopentadiene	8.87	237	149795	30.067	ng	97

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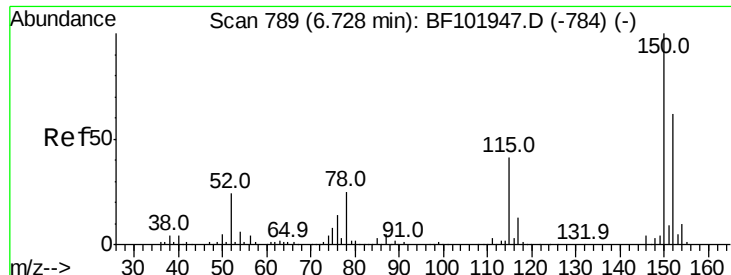
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	274472	43.722	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	271832	38.312	nq	98
45) 1,1'-Biphenyl	9.19	154	1119812	39.344	nq	98
46) 2-Chloronaphthalene	9.21	162	856143	38.790	nq	97
47) 2-Nitroaniline	9.30	65	282347	42.707	nq	93
48) Acenaphthylene	9.62	152	1272657	36.334	nq	99
49) Dimethylphthalate	9.49	163	1007200	38.991	nq	100
50) 2,6-Dinitrotoluene	9.55	165	221354	42.899	nq	89
51) Acenaphthene	9.79	154	747878	35.178	nq	98
52) 3-Nitroaniline	9.71	138	118657	18.221	nq	99
53) 2,4-Dinitrophenol	9.82	184	74708	42.444	nq	# 19
54) Dibenzofuran	9.96	168	1105953	37.905	nq	98
55) 4-Nitrophenol	9.88	139	343708	70.824	nq	96
56) 2,4-Dinitrotoluene	9.95	165	267524	41.366	nq	97
57) Fluorene	10.30	166	786565	38.997	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	199320	39.459	nq	99
59) Diethylphthalate	10.19	149	950722	37.000	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	351210	40.892	nq	97
61) 4-Nitroaniline	10.33	138	193214	31.263	nq	90
62) Azobenzene	10.46	77	903603	35.345	nq	98
64) 4,6-Dinitro-2-methylphenol	10.35	198	59016	26.178	nq	98
65) n-Nitrosodiphenylamine	10.42	169	742709	42.456	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	218437	44.276	nq	96
67) Hexachlorobenzene	10.85	284	213235	39.591	nq	# 89
68) Atrazine	10.94	200	229220	45.340	nq	98
69) Pentachlorophenol	11.04	266	212370	64.663	nq	99
70) Phenanthrene	11.26	178	1022014	37.451	nq	99
71) Anthracene	11.32	178	1054255	38.092	nq	99
72) Carbazole	11.47	167	944904	34.735	nq	98
73) Di-n-butylphthalate	11.80	149	1329426	39.834	nq	99
74) Fluoranthene	12.44	202	897652	33.434	nq	99
76) Benzidine	12.57	184	242273	15.933	nq	99
77) Pyrene	12.67	202	912353	32.778	nq	99
79) Butylbenzylphthalate	13.30	149	454113	35.550	nq	98
80) Benzo(a)anthracene	13.86	228	743468	37.005	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	237548	31.933	nq	98
82) Chrysene	13.90	228	749717	35.787	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	533307	36.394	nq	# 100
84) Di-n-octyl phthalate	14.47	149	1079531	44.395	nq	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	690372	45.277	nq	97
87) Benzo(b)fluoranthene	14.88	252	757171m	35.741	nq	
88) Benzo(k)fluoranthene	14.91	252	775712	37.957	nq	99
89) Benzo(a)pyrene	15.23	252	732740	38.436	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	576888	37.920	nq	97
91) Benzo(g,h,i)perylene	17.07	276	553211	36.099	nq	99

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



#1

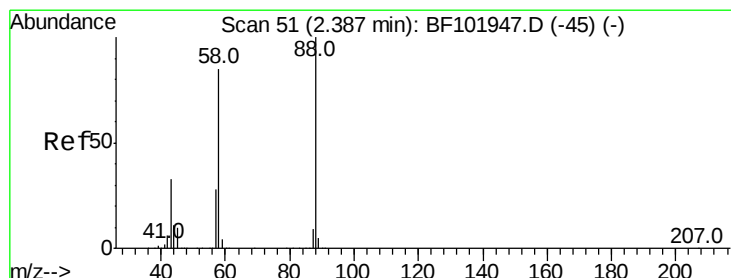
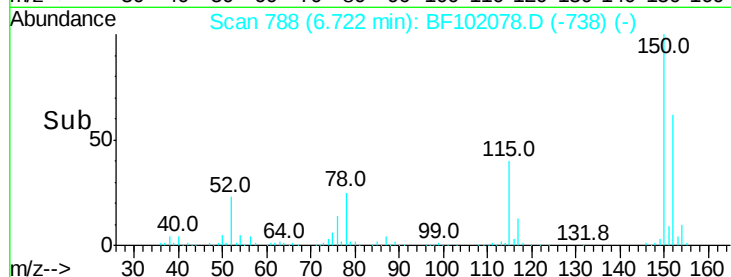
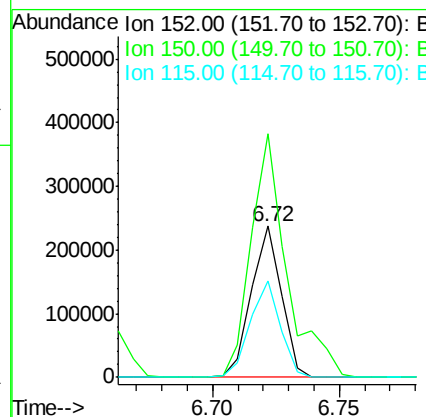
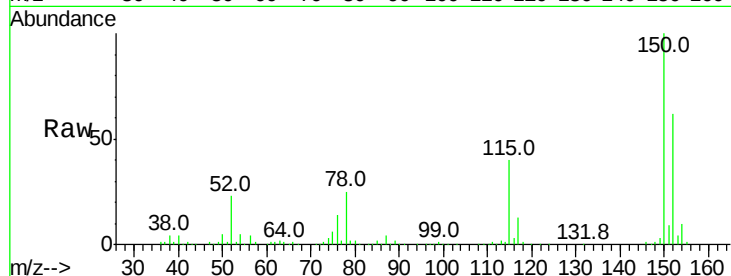
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampled :
PB105648BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	63.8	50.1	75.1

Manual Integrations
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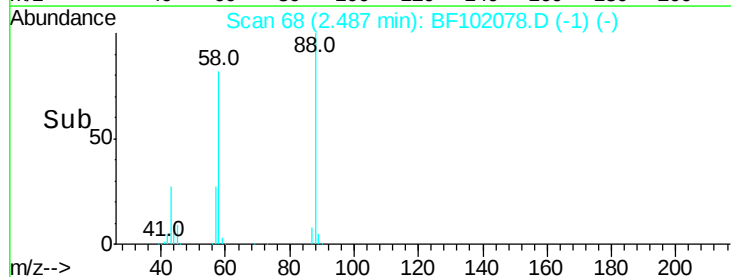
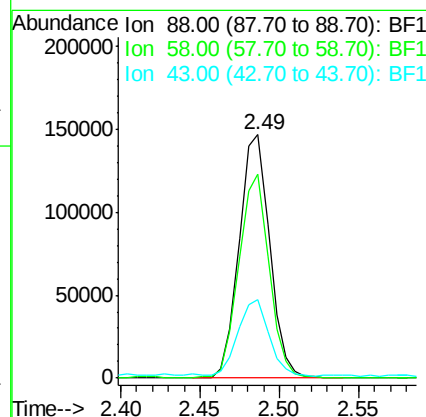
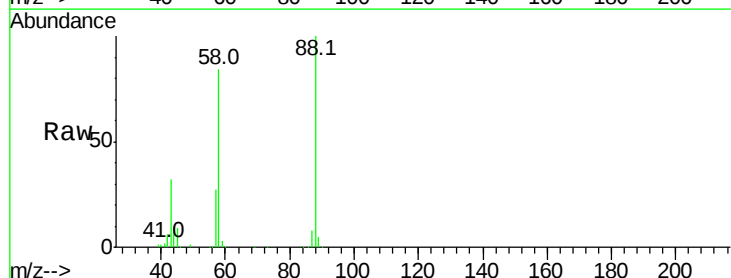
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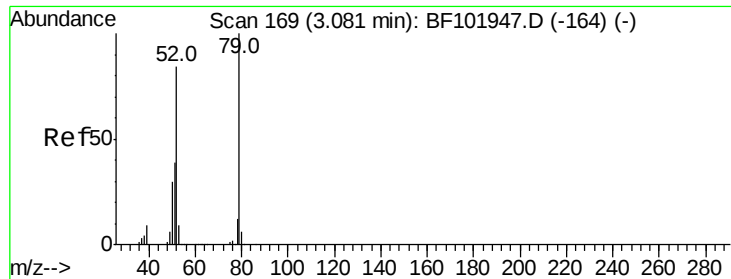


#2

1,4-Dioxane
Concen: 28.211 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.09 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.0	62.6	93.8
43	31.9	24.6	37.0





#3

Pvridine

Concen: 29.351 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.09 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

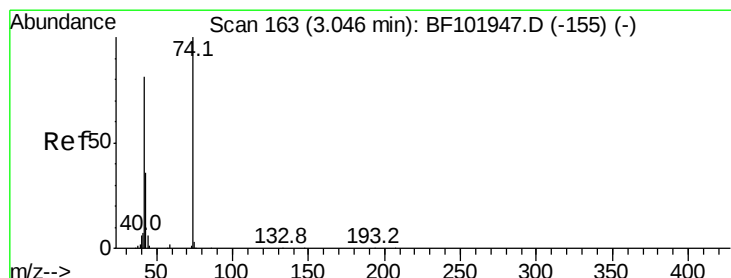
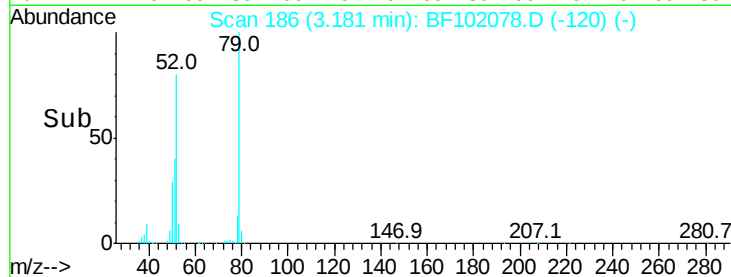
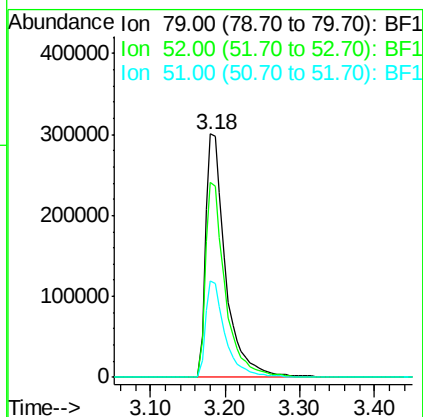
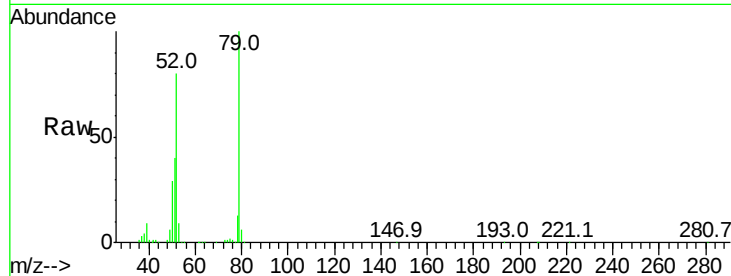
ClientSampleId :

PB105648BS

Tot Ion:	79	Resp:	558215
Ion Ratio	Lower	Upper	
79	100		
52	80.1	59.8	89.6
51	39.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.804 ng

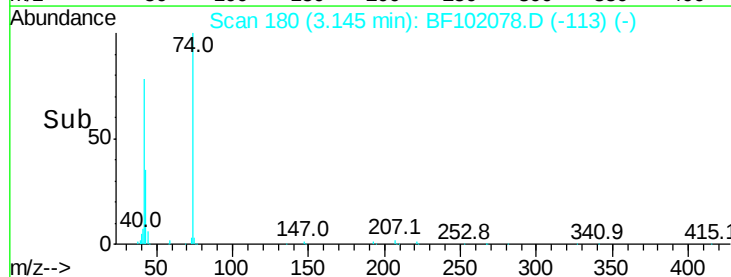
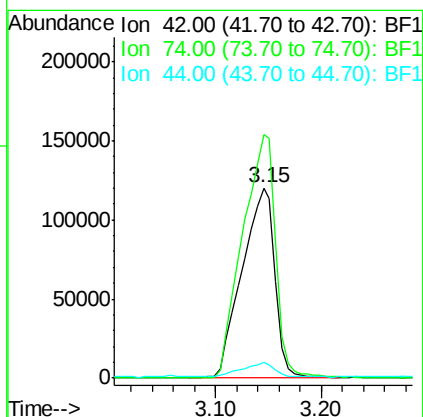
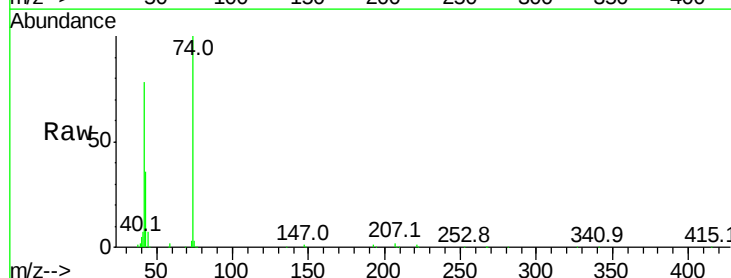
RT: 3.15 min Scan# 180

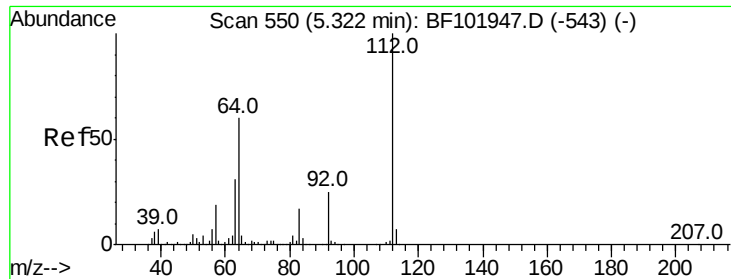
Delta R.T. 0.09 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion:	42	Resp:	261258
Ion Ratio	Lower	Upper	
42	100		
74	128.1	104.9	157.3
44	8.5	6.9	10.3





#5

2-Fluorophenol

Concen: 67.799 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

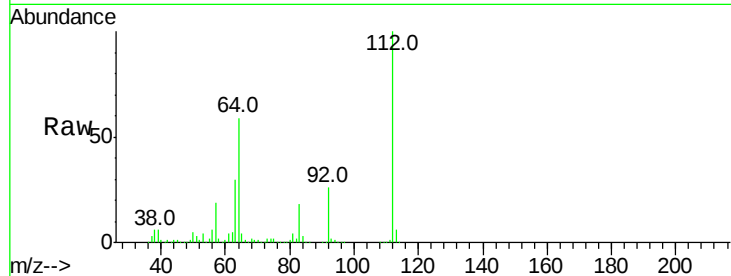
ClientSampled :

PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	946133		
64	58.9	47.9	71.9	
63	30.2	23.7	35.5	

Manual Integrations
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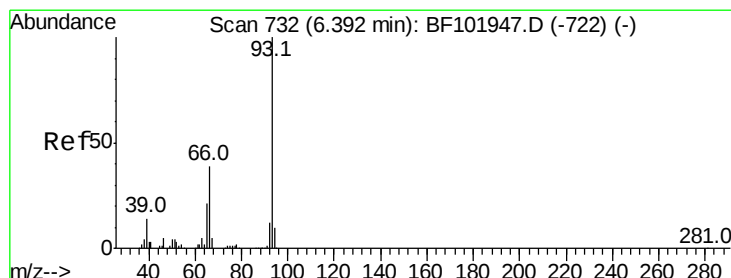
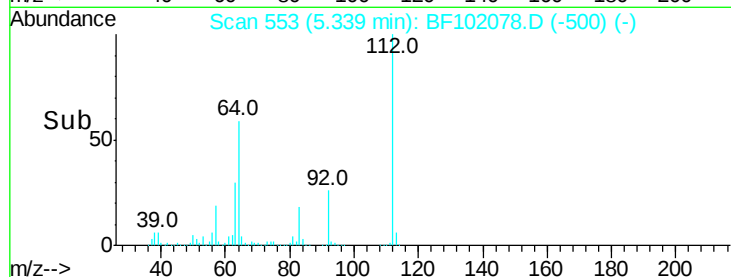
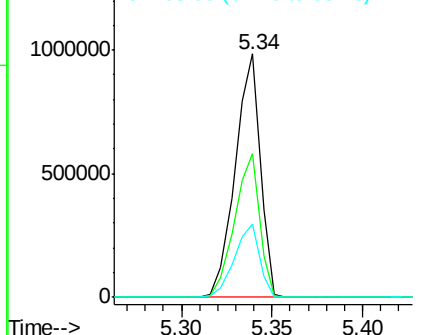
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.886 ng

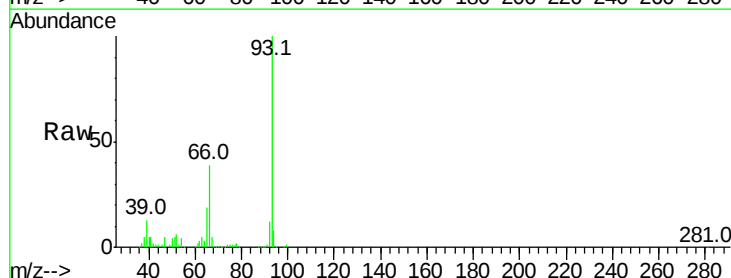
RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

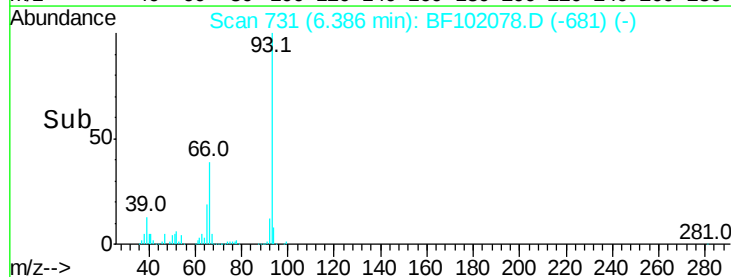
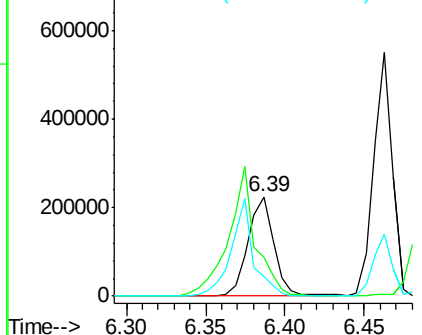
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	255442		
66	39.4	32.2	48.2	
65	19.3	16.4	24.6	

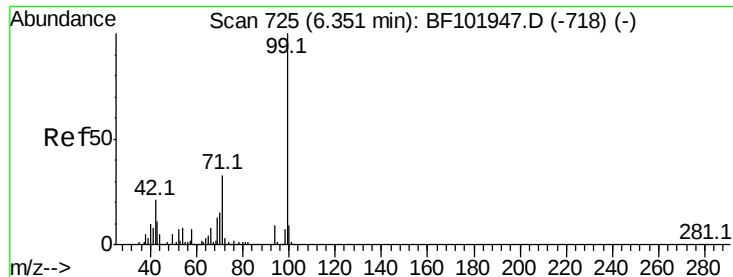


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 68.066 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

PB105648BS

Tot Ion: 99 Resp: 1133292

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

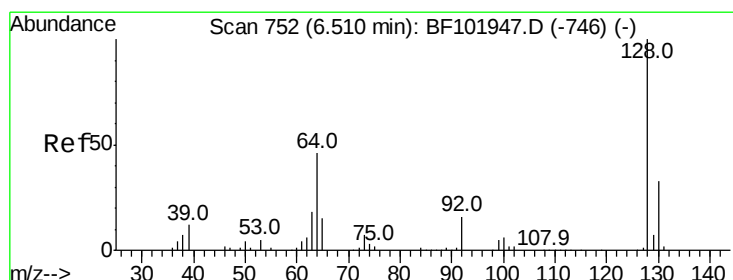
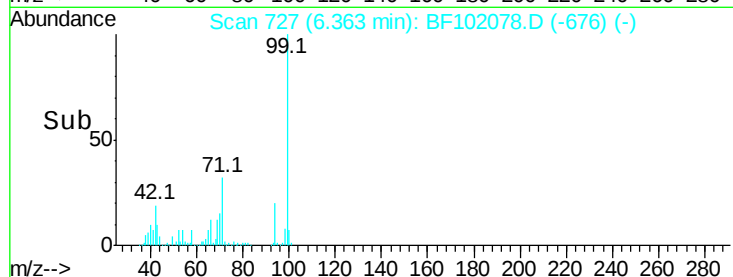
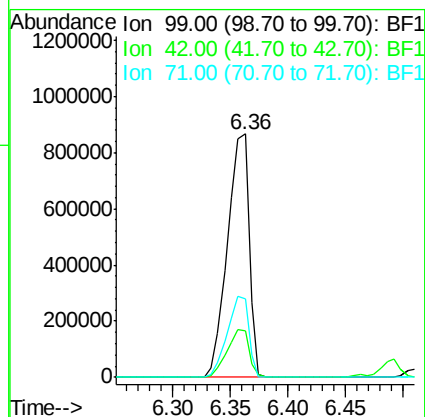
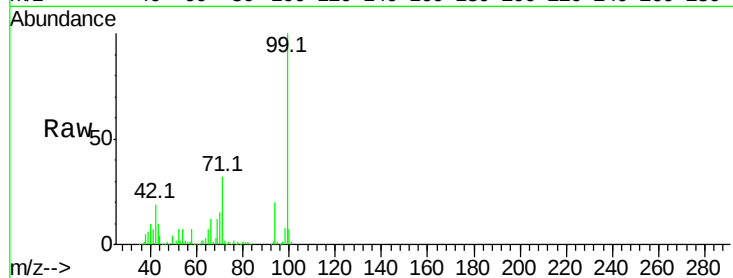
71 32.3 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.367 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

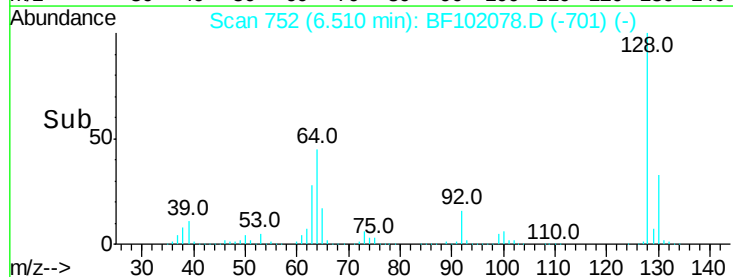
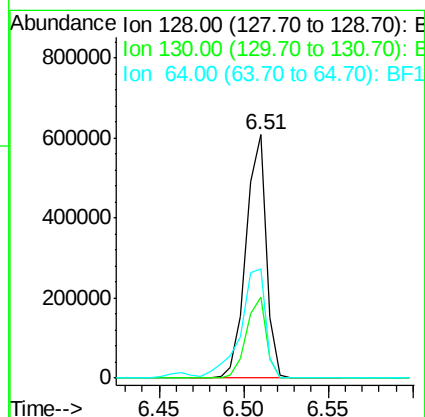
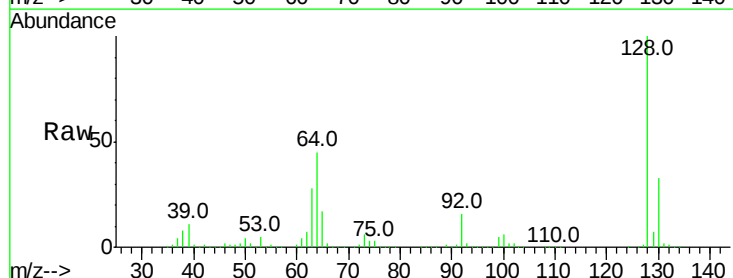
Tgt Ion: 128 Resp: 508988

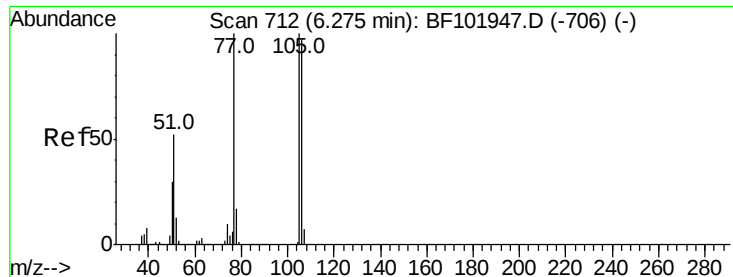
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 45.0 29.4 69.4





#9

Benzaldehyde

Concen: 6.901 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

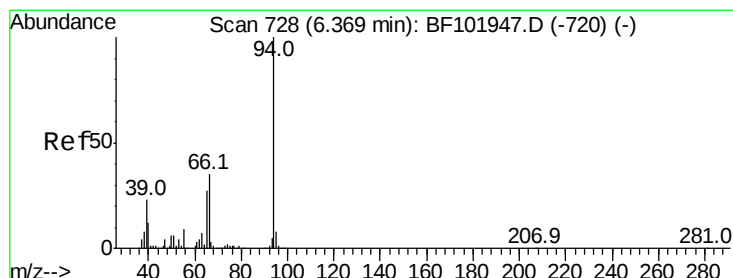
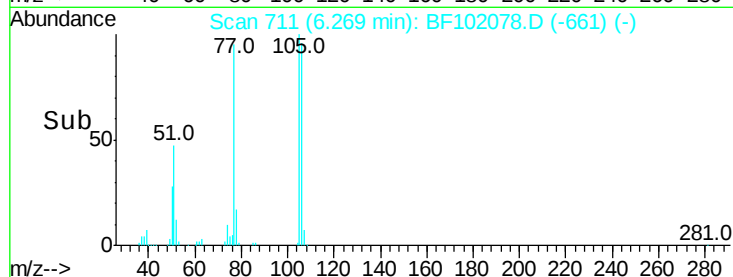
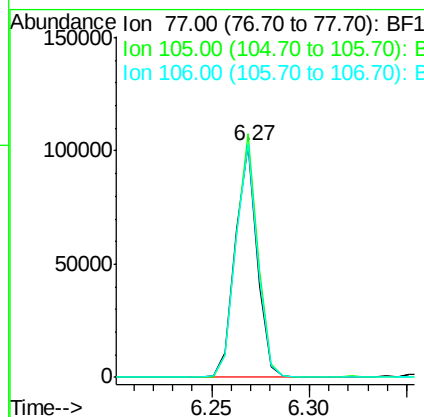
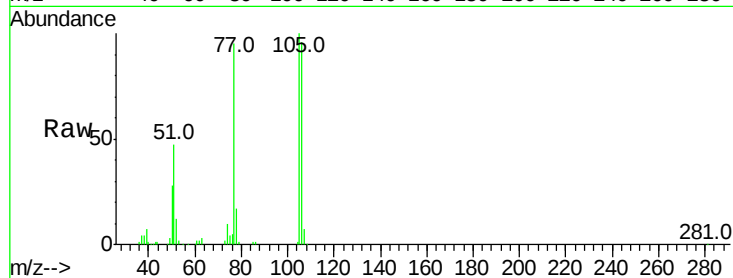
ClientSampleId :

PB105648BS

Tot Ion:	77	Resp:	79780
Ion	Ratio	Lower	Upper
77	100		
105	105.1	81.1	121.1
106	100.5	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 30.842 ng

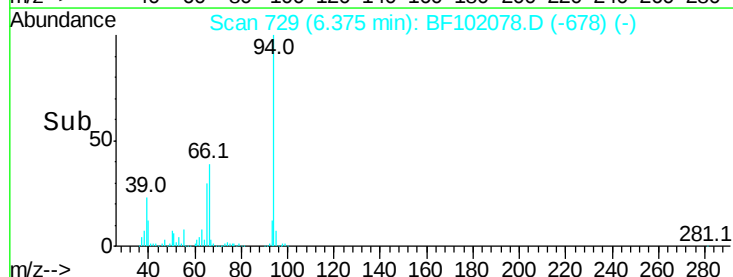
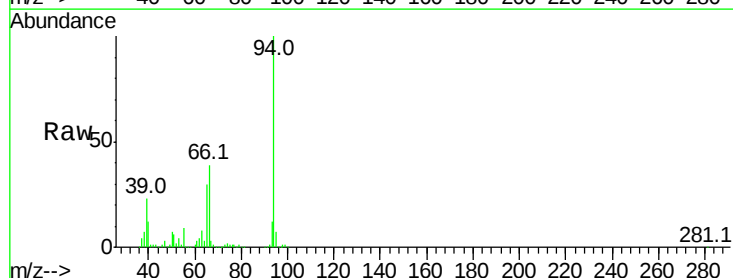
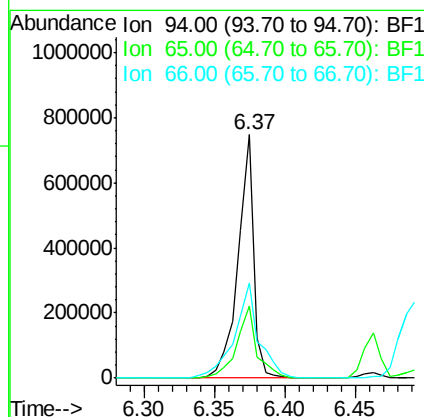
RT: 6.37 min Scan# 729

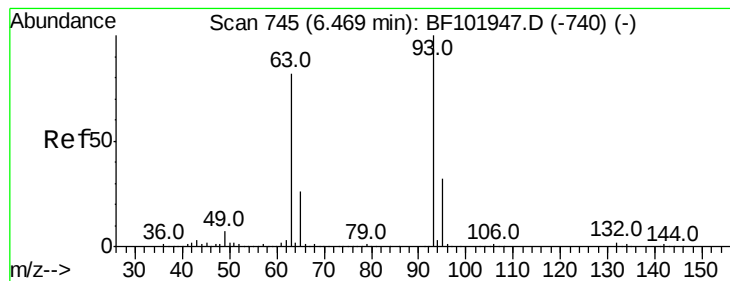
Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion:	94	Resp:	580331
Ion	Ratio	Lower	Upper
94	100		
65	29.6	7.9	47.9
66	39.3	16.2	56.2





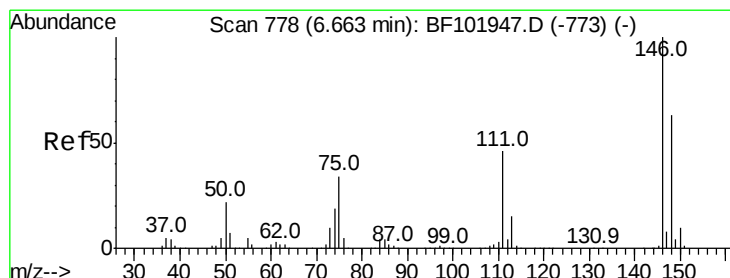
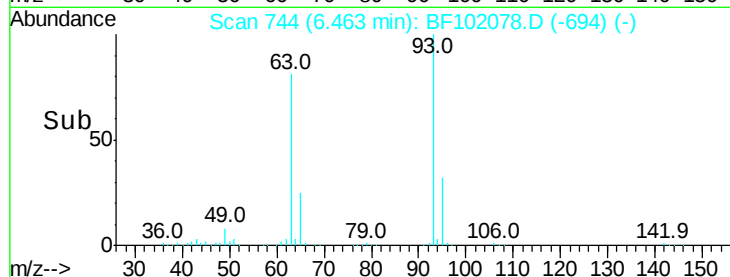
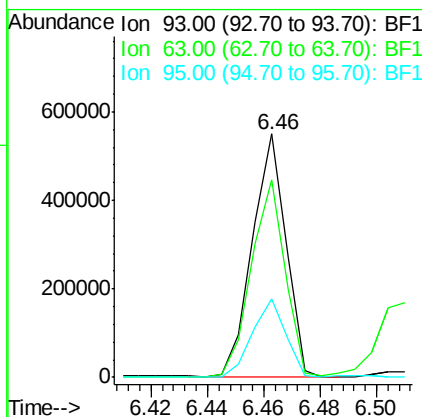
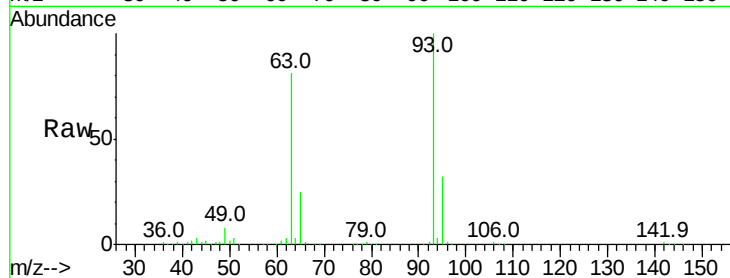
#11
bis(2-Chloroethyl)ether
Concen: 31.591 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.3	58.6	98.6
95	32.5	11.8	51.8

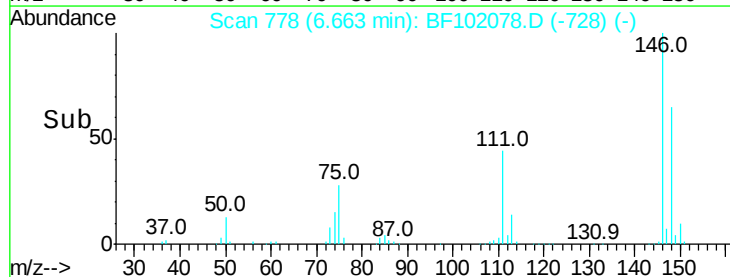
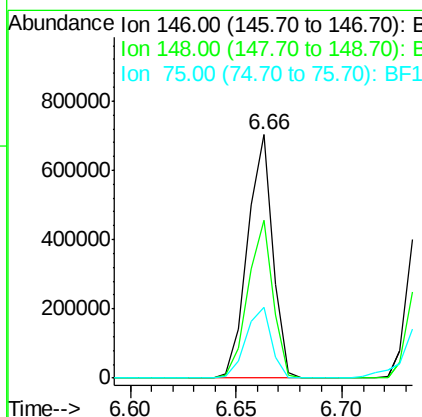
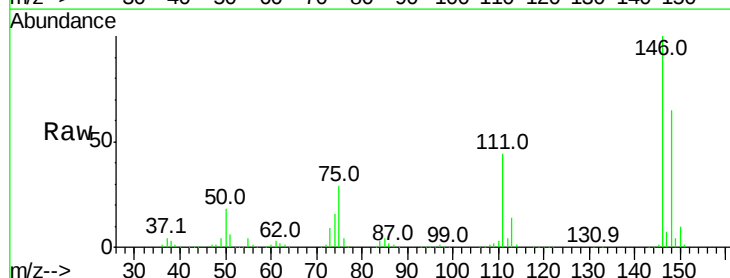
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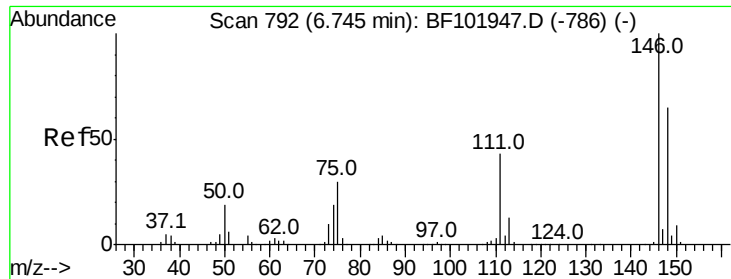
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.974 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	29.1	24.2	36.4





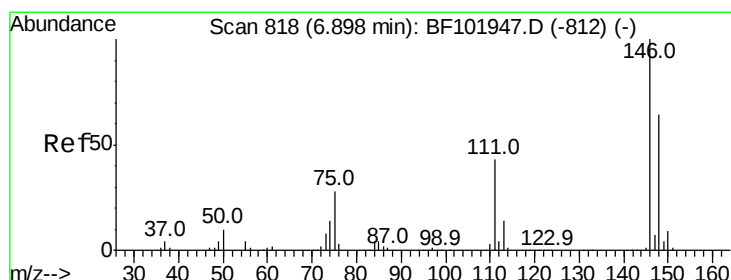
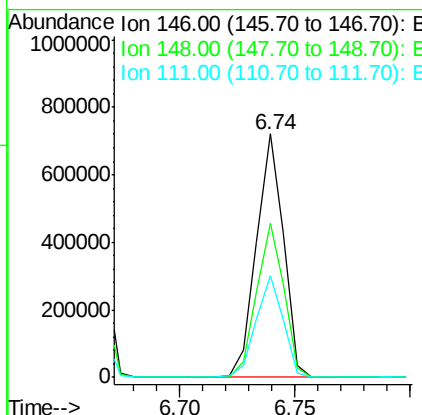
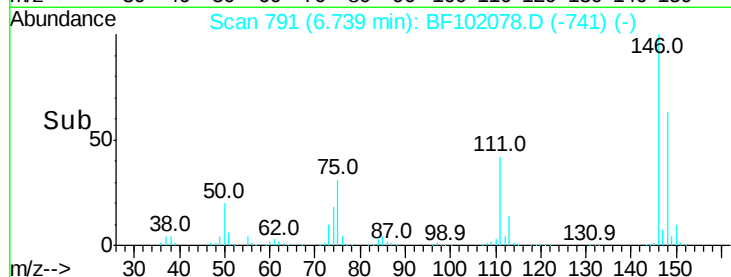
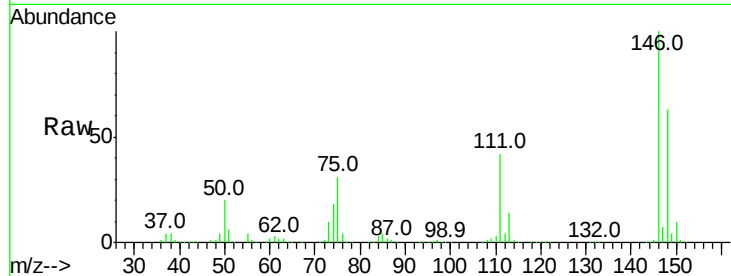
#13
 1,4-Dichlorobenzene
 Concen: 36.662 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleID :
 PB105648BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	41.9	34.2	51.2

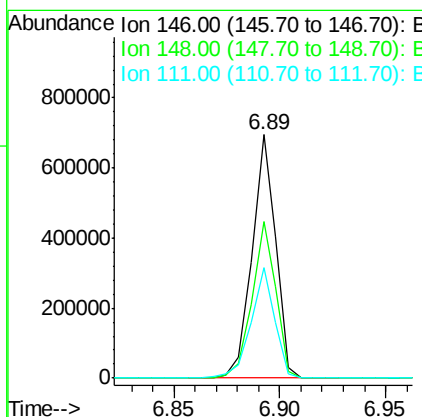
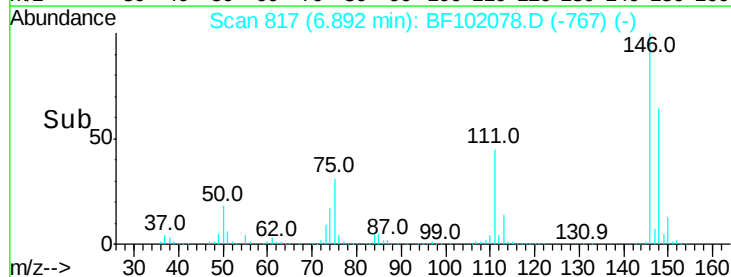
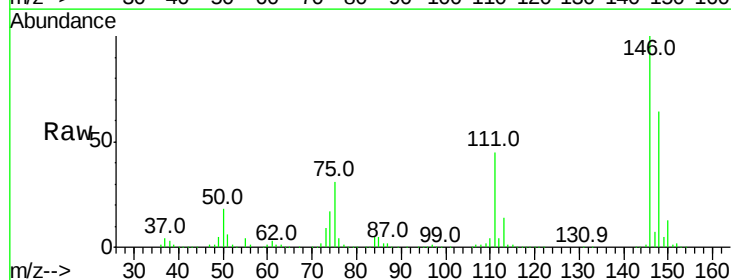
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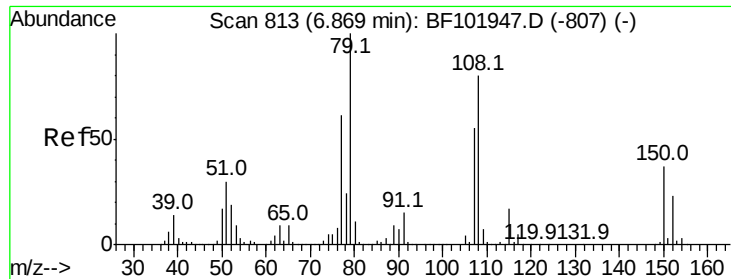
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#14
 1,2-Dichlorobenzene
 Concen: 36.257 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	75.8
111	45.3	36.0	54.0





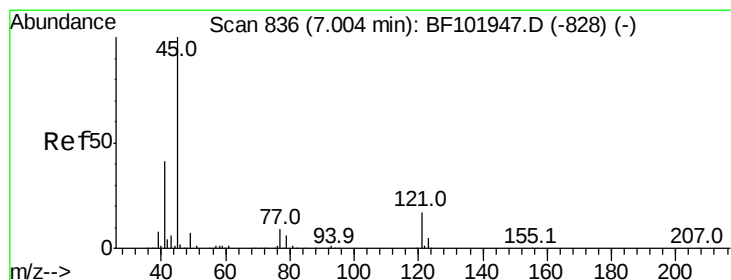
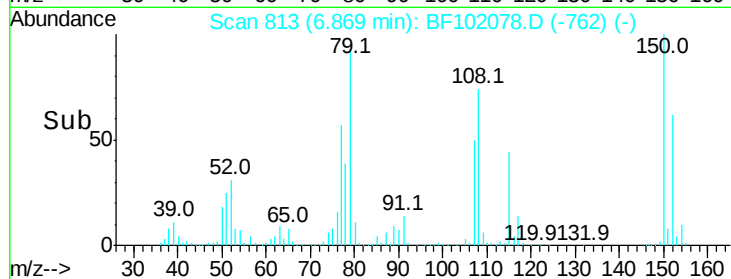
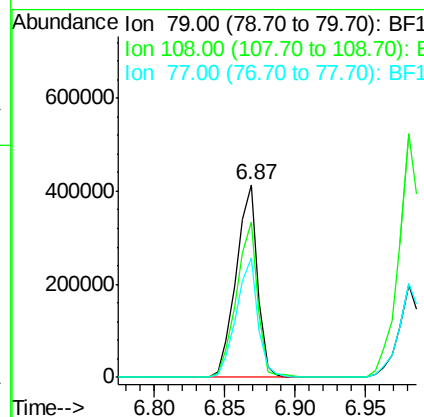
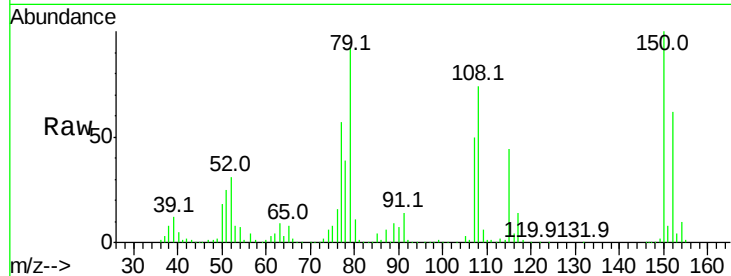
#15
Benzyl Alcohol
Concen: 35.986 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	65.1	97.7
77	62.0	50.6	75.8

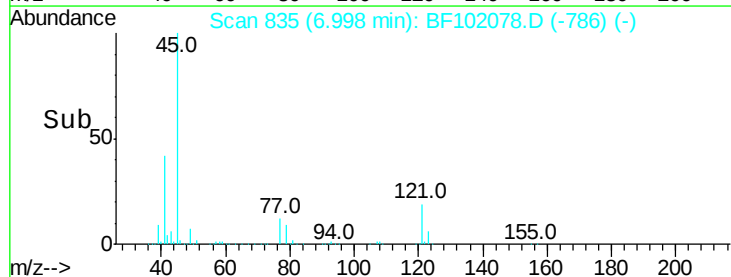
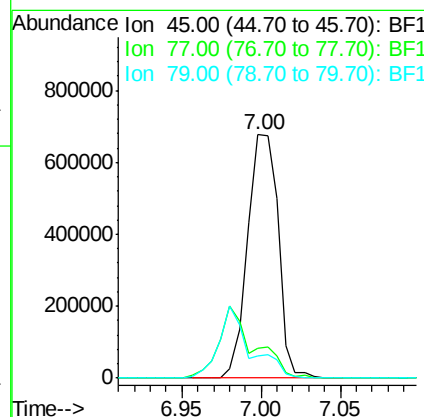
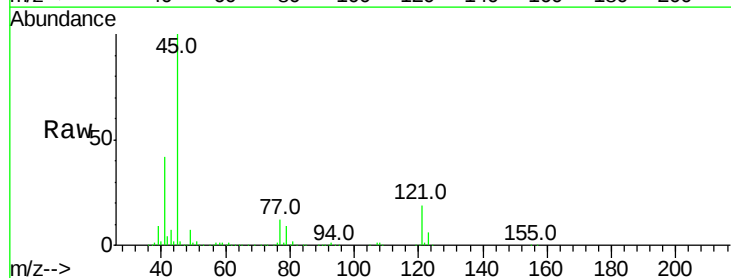
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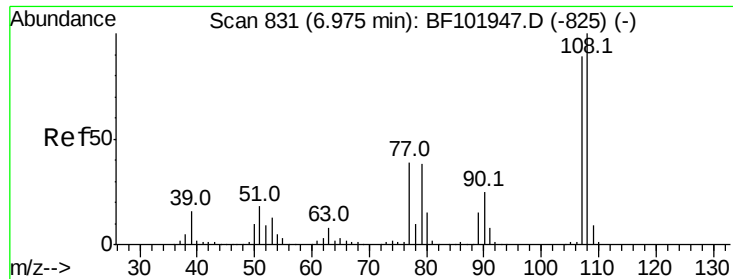
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.370 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.9
79	9.2	0.0	29.6





#17

2-Methylphenol

Concen: 35.720 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

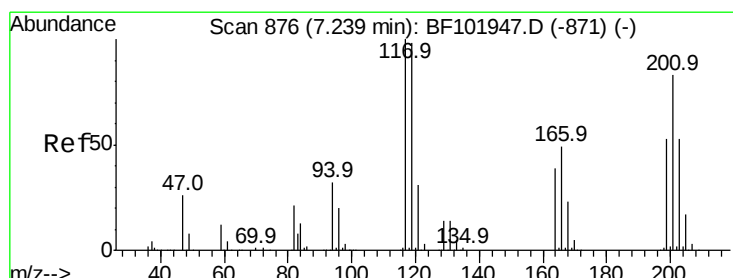
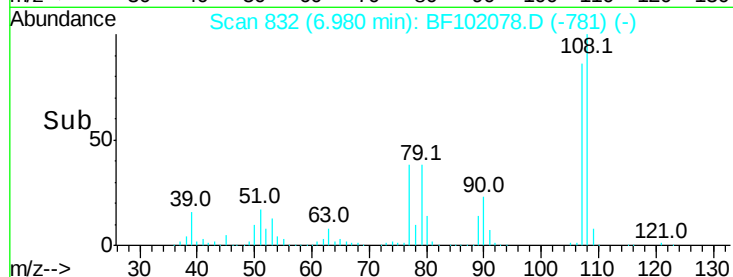
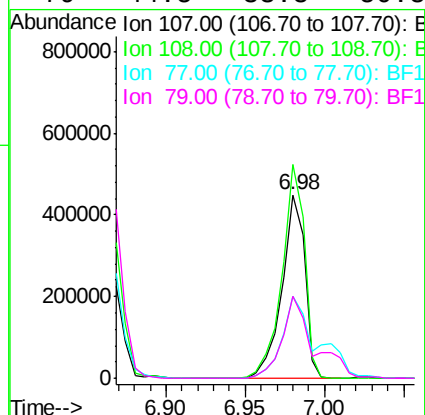
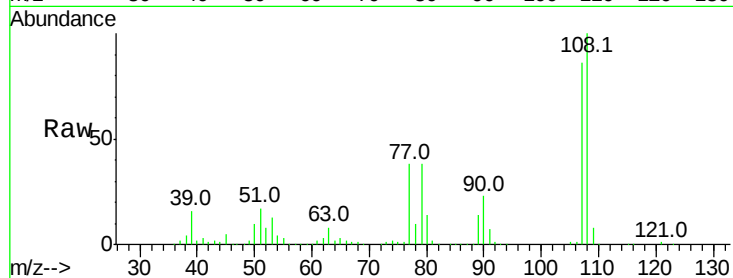
ClientSampleId :

PB105648BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.3	91.7	137.5
77	44.6	33.8	50.8
79	44.5	33.8	50.8

Manual Integrations
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#18

Hexachloroethane

Concen: 35.812 ng

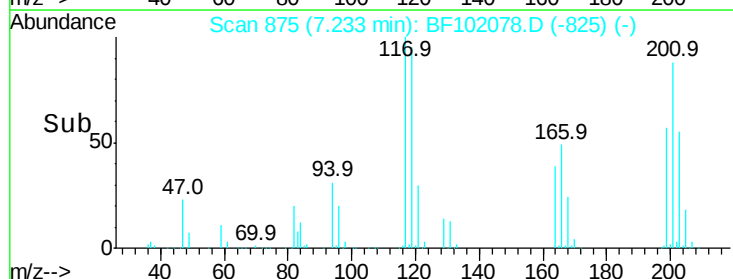
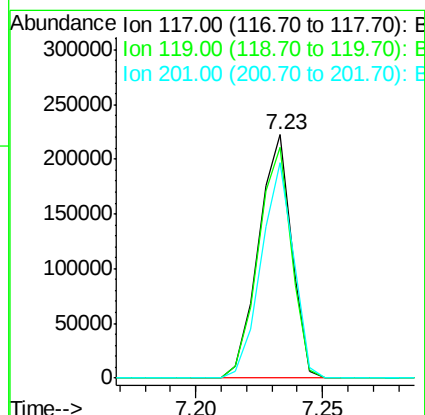
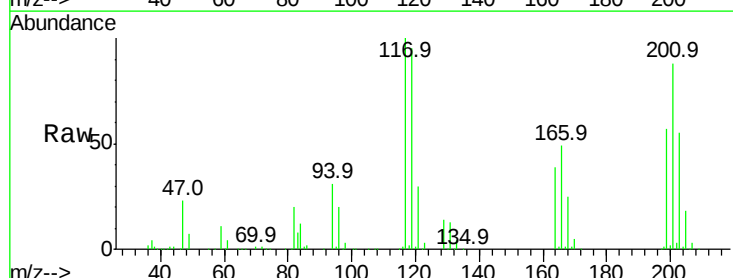
RT: 7.23 min Scan# 875

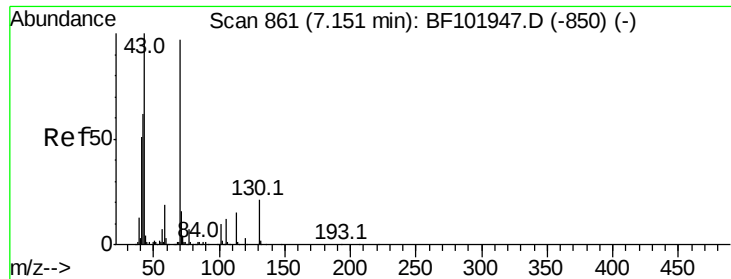
Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
201	88.2	75.7	113.5





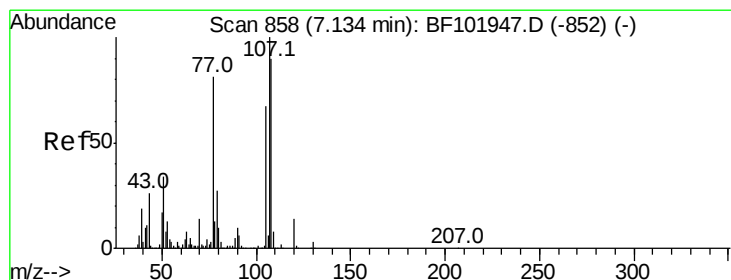
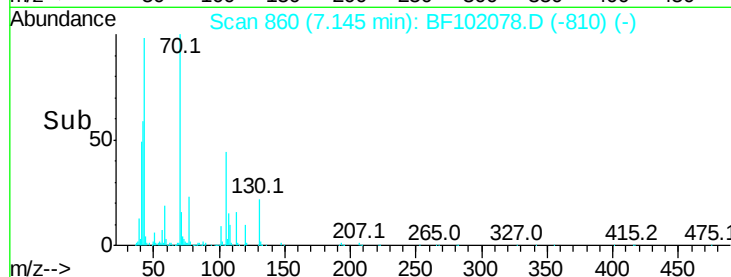
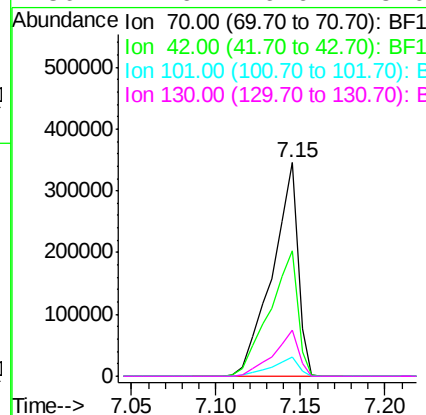
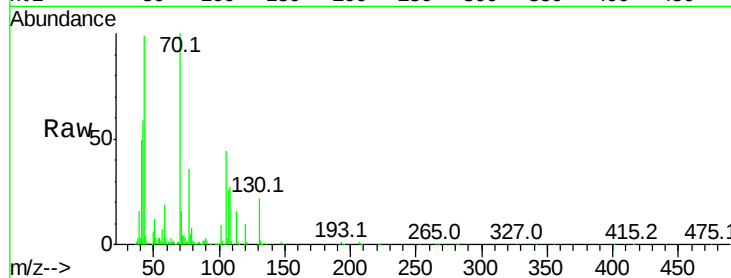
#19
n-Nitroso-di-n-propylamine
Concen: 33.422 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.5	71.3
101	9.2	7.4	11.2
130	21.6	16.6	25.0

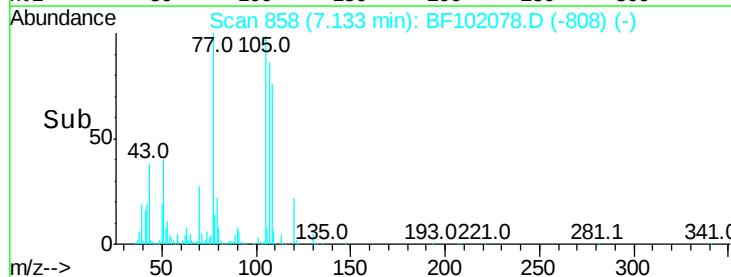
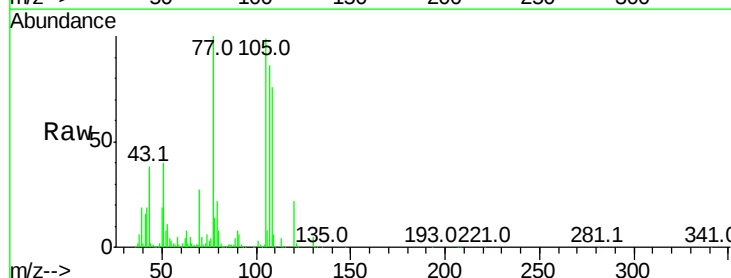
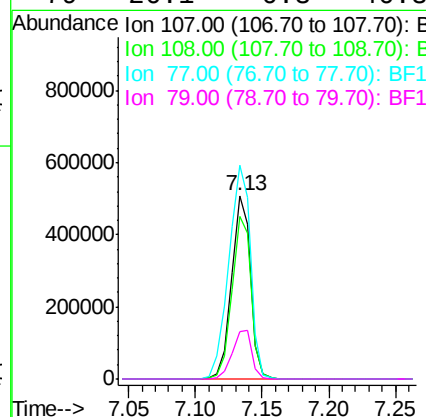
Manual Integrations
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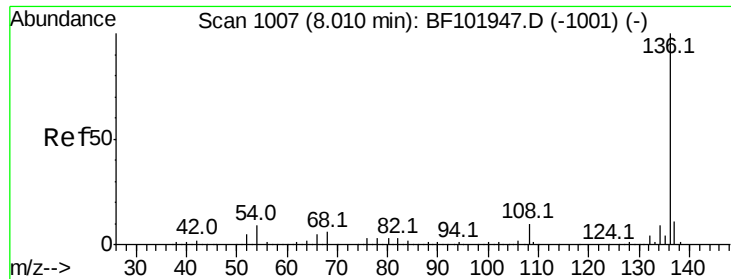
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#20
3+4-Methylphenols
Concen: 33.595 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	116.4	26.7	66.7#
79	26.1	6.3	46.3





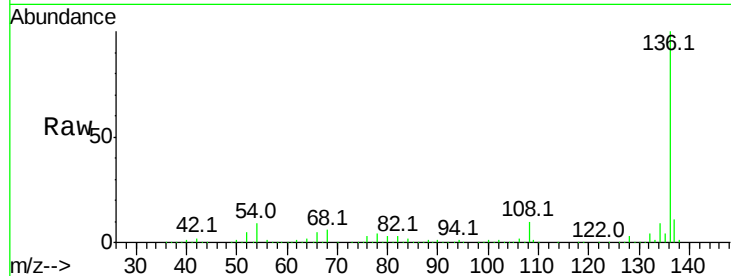
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

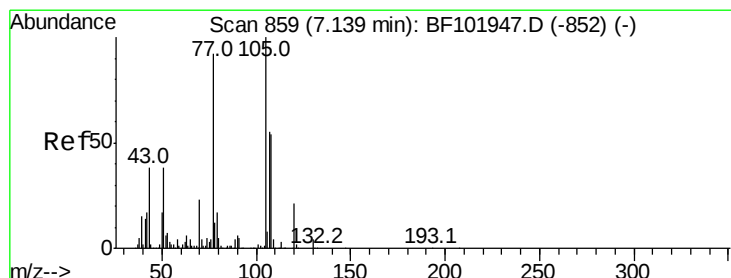
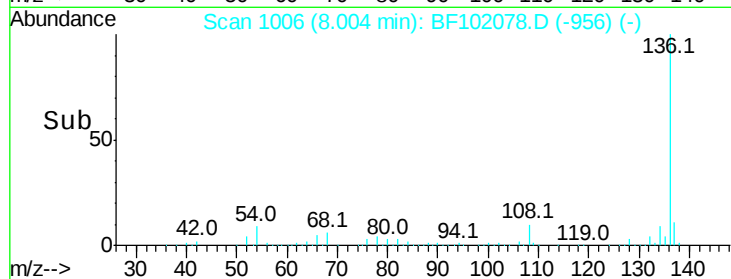
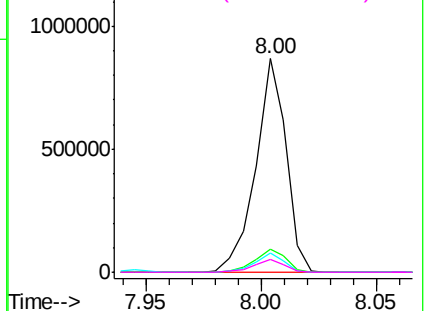
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4

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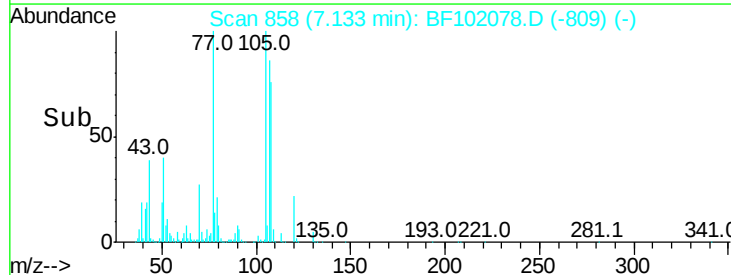
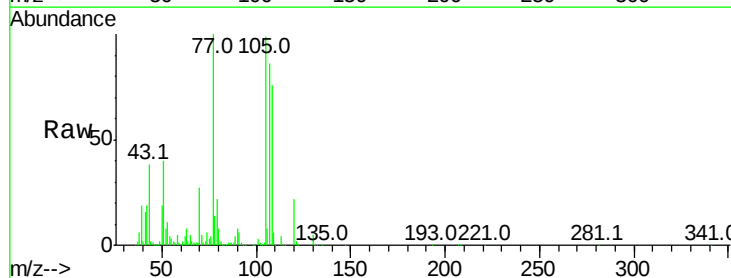
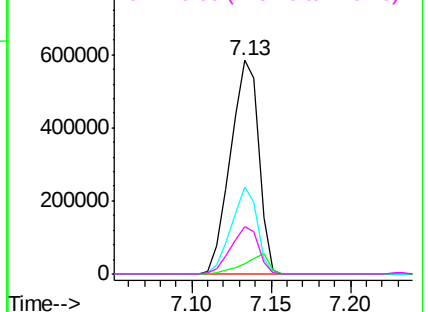
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

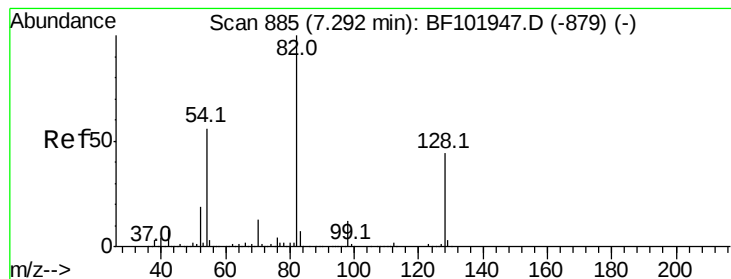


#22
Acetophenone
Concen: 37.446 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.7	4.4	6.6
51	40.5	22.3	33.5
120	22.0	16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.915 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampled :

PB105648BS

Tot Ion: 82 Resp: 1140820

Ion Ratio Lower Upper

82 100

128 46.3 36.1 54.1

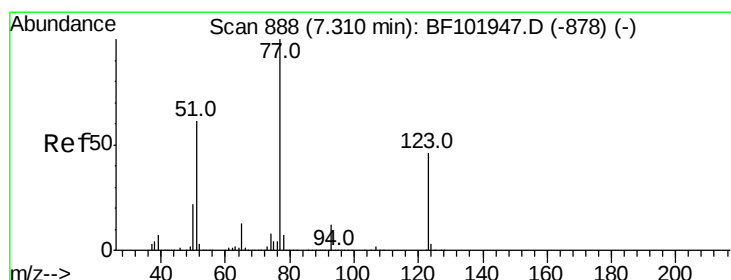
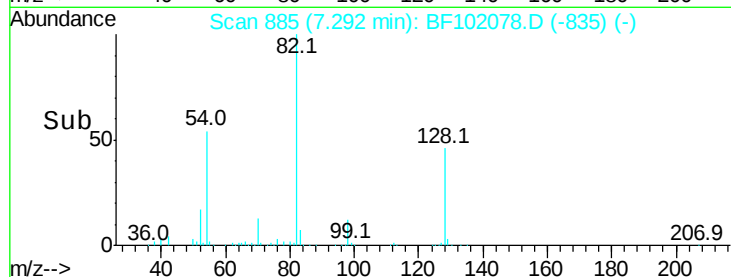
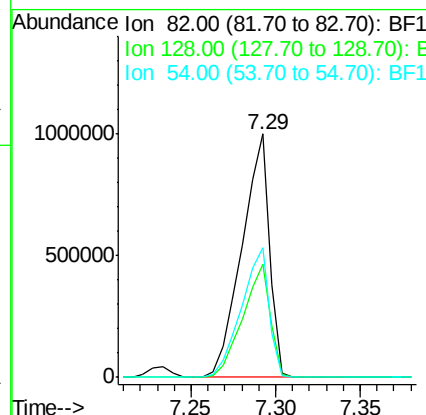
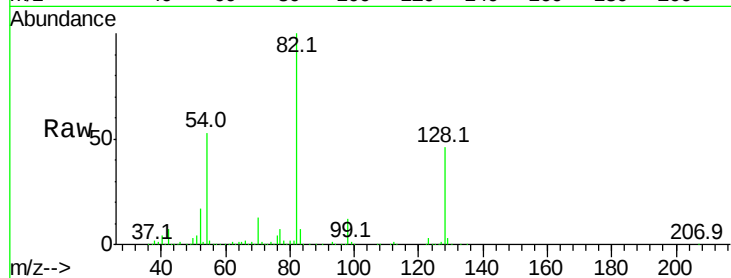
54 53.5 41.4 62.2

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#24

Nitrobenzene

Concen: 38.443 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

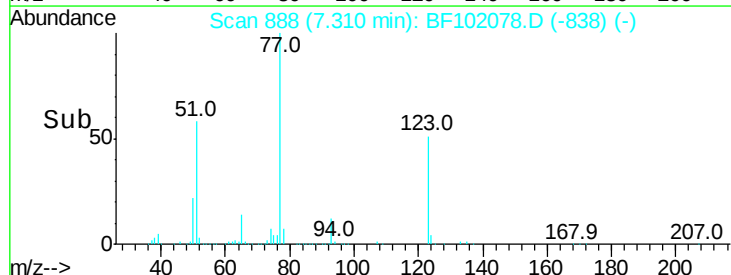
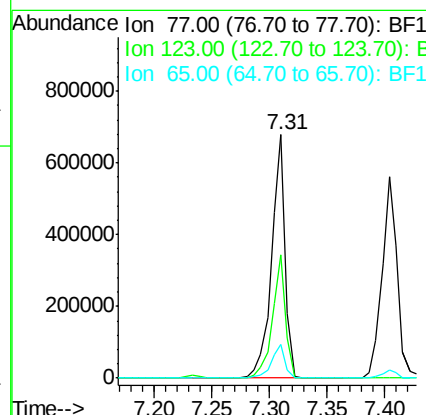
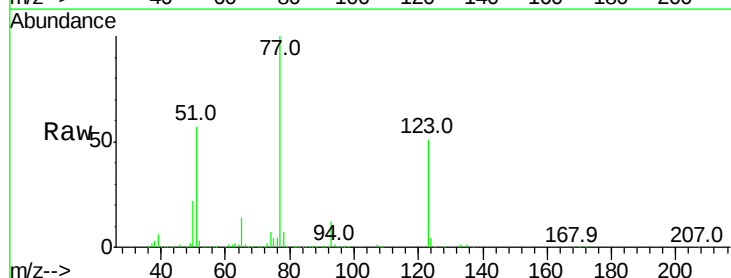
Tgt Ion: 77 Resp: 561598

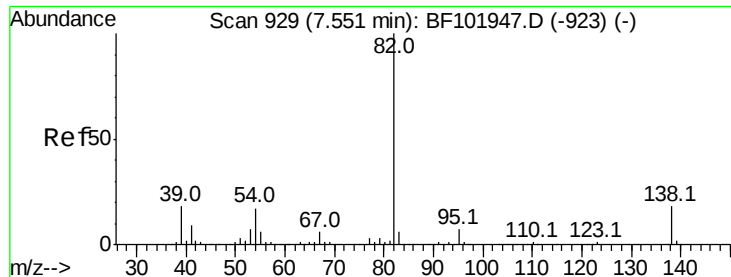
Ion Ratio Lower Upper

77 100

123 50.6 37.9 56.9

65 14.0 11.0 16.4





#25

Isophorone

Concen: 38.306 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

PB105648BS

Tot Ion: 82 Resp: 1028989

Ion Ratio Lower Upper

82 100

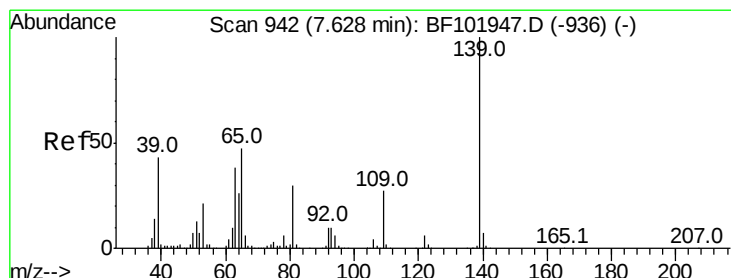
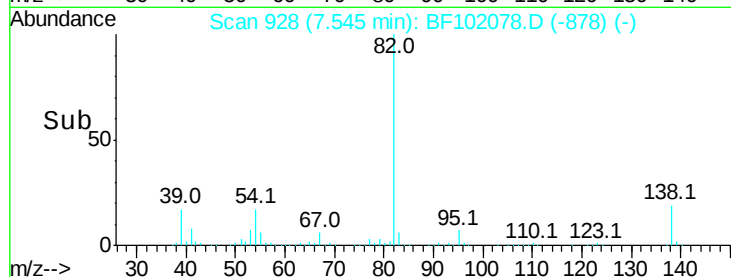
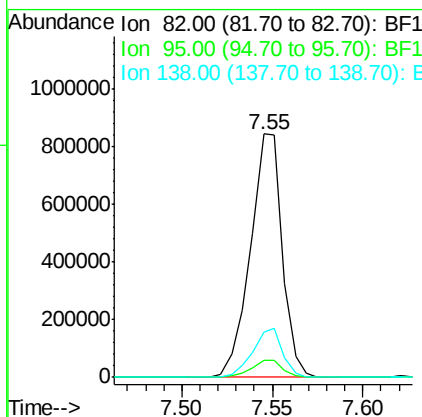
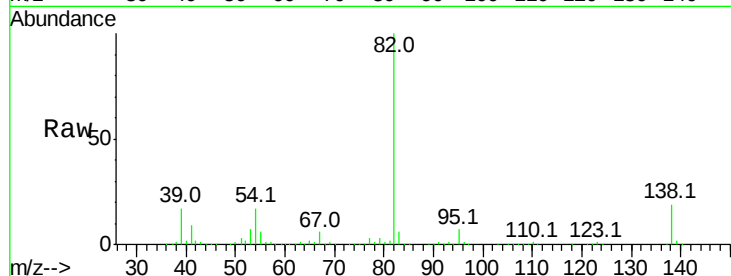
95 6.8 5.2 7.8

138 18.5 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.567 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

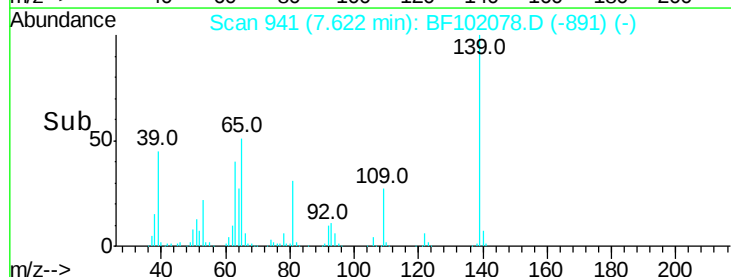
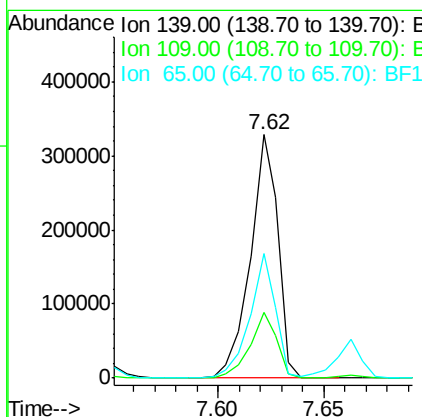
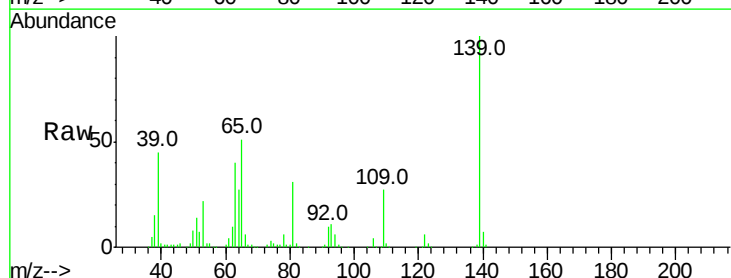
Tgt Ion: 139 Resp: 296955

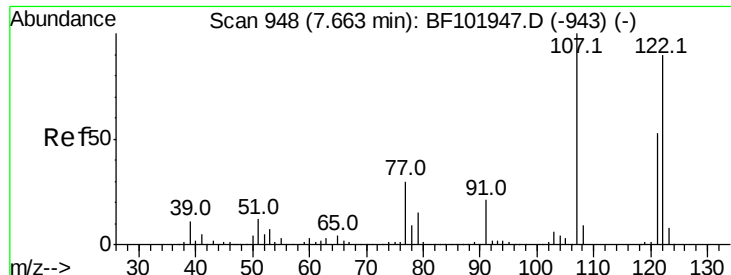
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 51.0 40.5 60.7





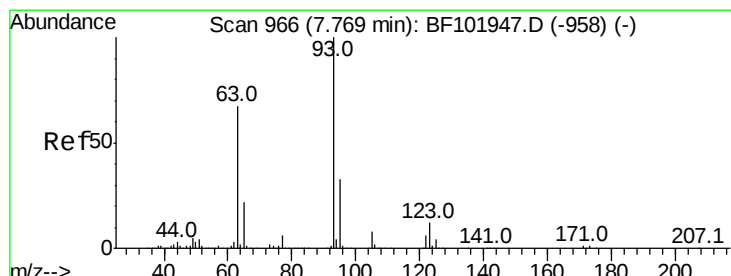
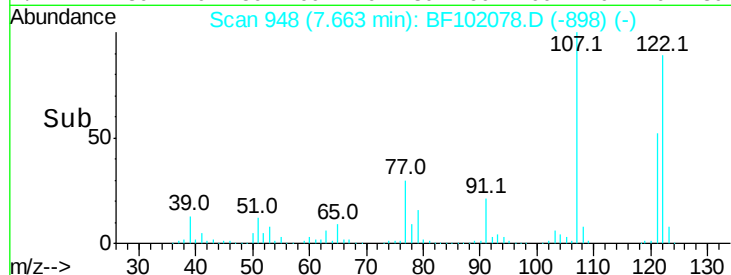
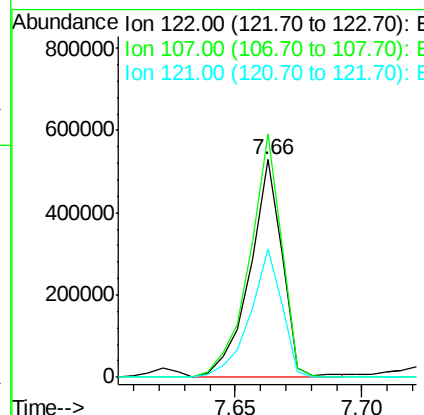
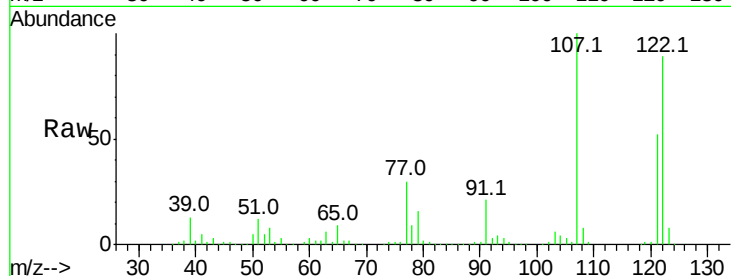
#27
 2,4-Dimethylphenol
 Concen: 41.238 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampled :
 PB105648BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	91.2	136.8
121	58.7	47.2	70.8

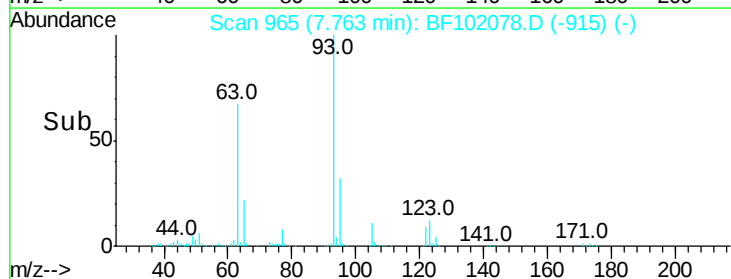
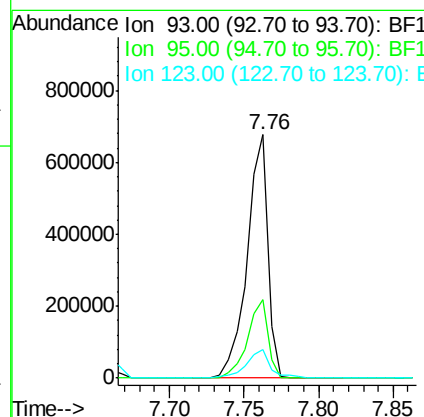
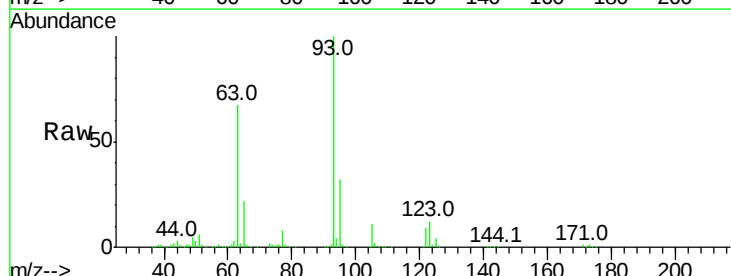
Manual Integrations
 APPROVED

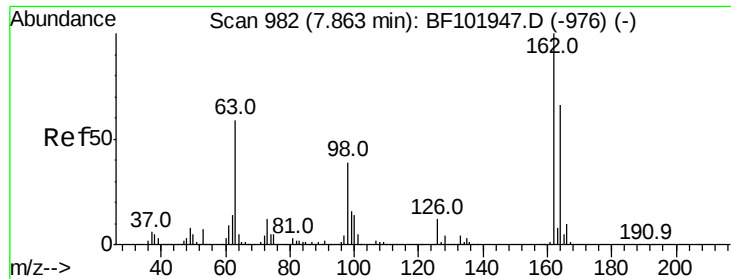
Sohil
 1/16/2018 5:01:25 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.026 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.9	9.8	14.6





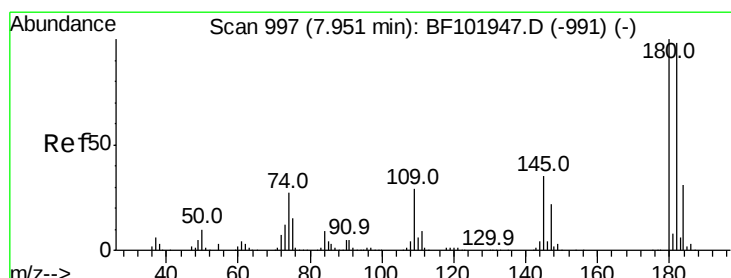
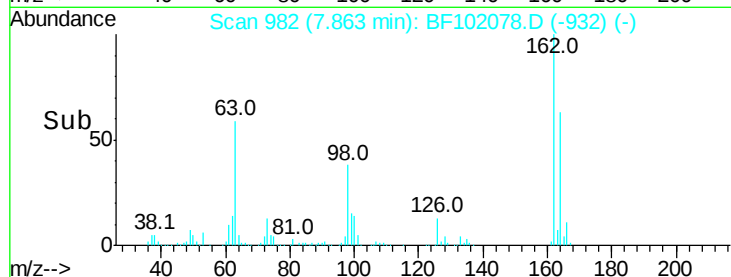
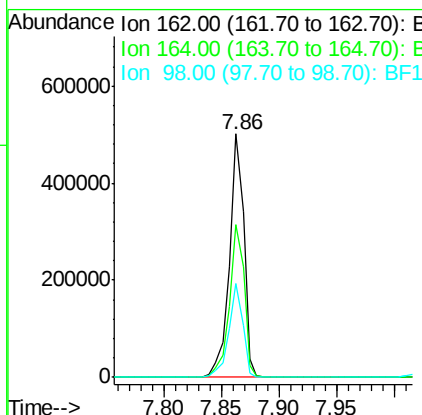
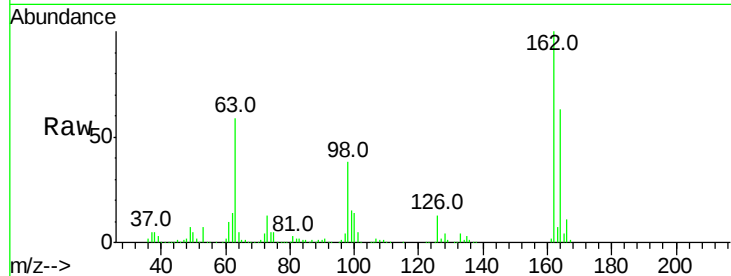
#29
2,4-Dichlorophenol
Concen: 40.027 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	433999		
164	62.7		42.7	82.7
98	38.4		18.1	58.1

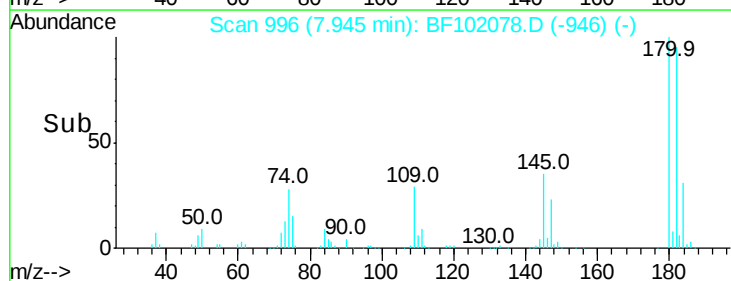
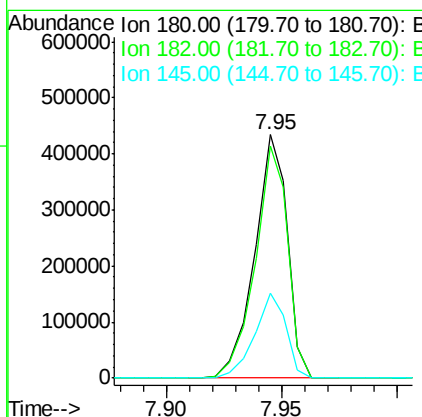
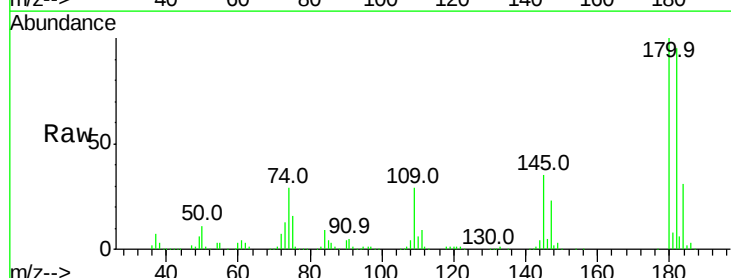
Manual Integrations
APPROVED

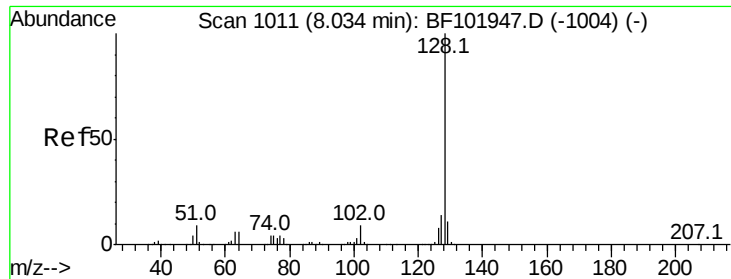
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#30
1,2,4-Trichlorobenzene
Concen: 37.801 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	428715		
182	95.3		76.8	115.2
145	35.0		26.5	39.7





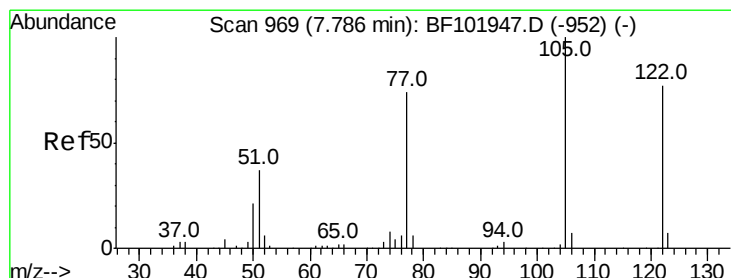
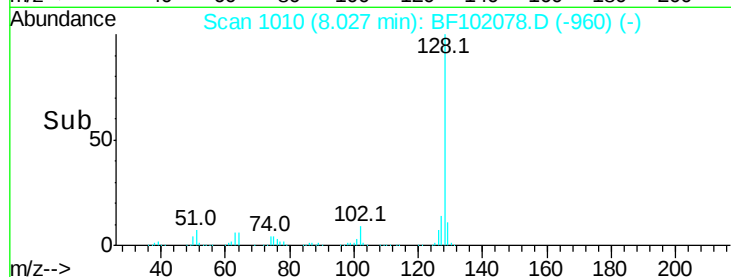
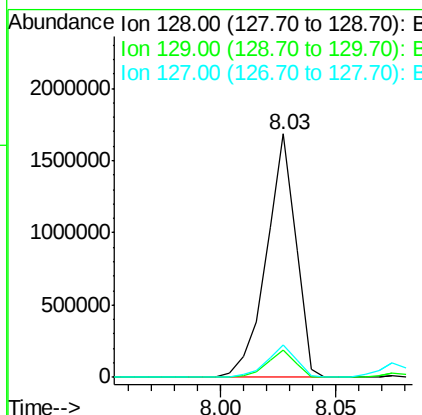
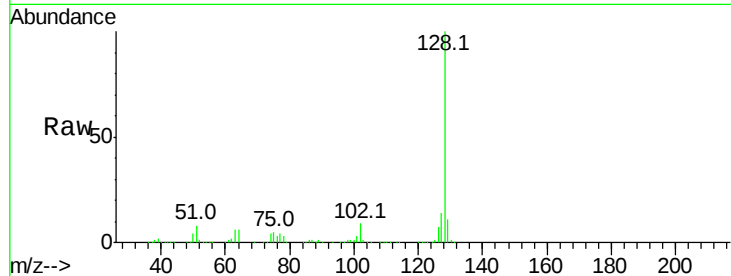
#31
Naphthalene
Concen: 37.312 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion:128 Resp: 1489469
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.6 10.9 16.3

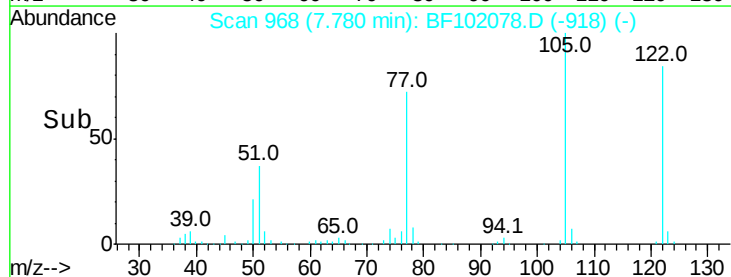
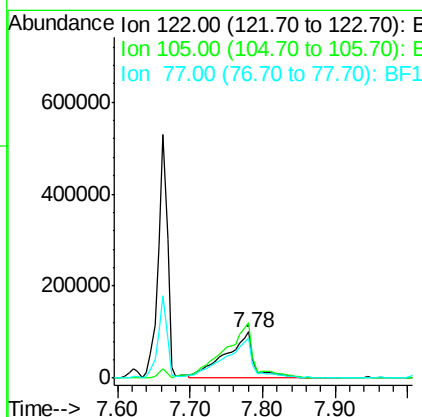
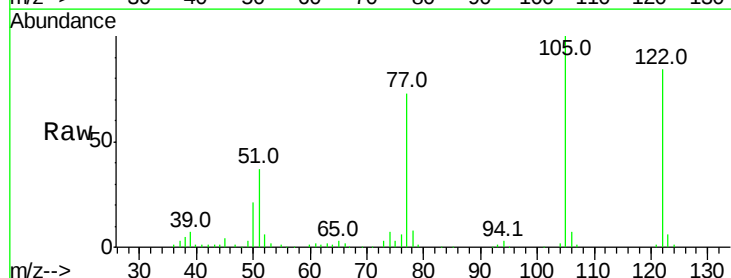
Manual Integrations
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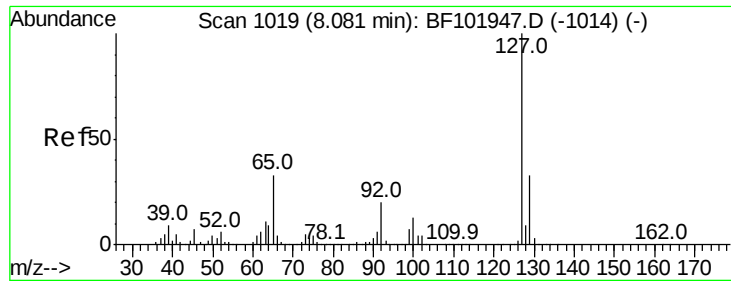
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#32
Benzoic acid
Concen: 32.107 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion:122 Resp: 278009
Ion Ratio Lower Upper
122 100
105 119.3 101.1 141.1
77 86.7 70.7 110.7





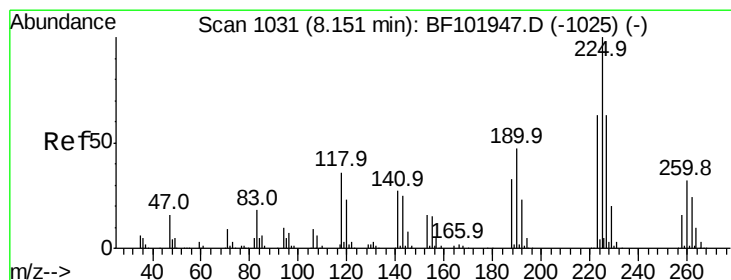
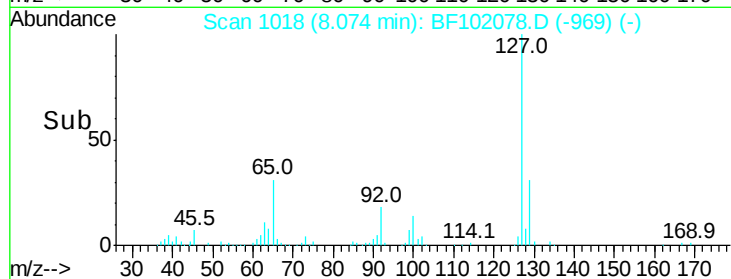
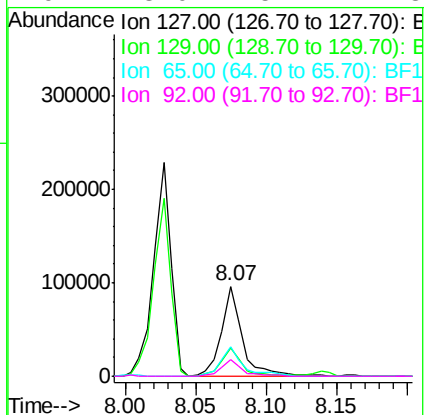
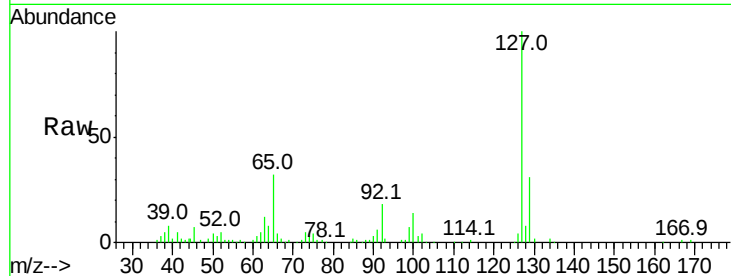
#33
4-Chloroaniline
Concen: 5.797 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	32.0	25.0	37.4
92	18.0	15.2	22.8

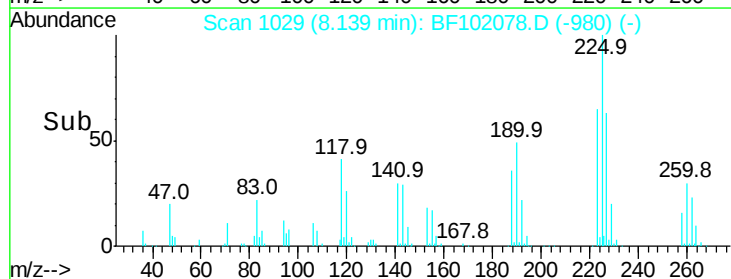
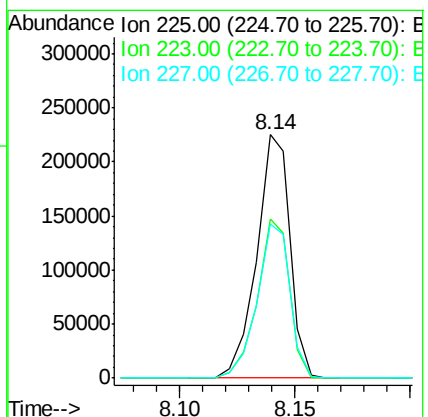
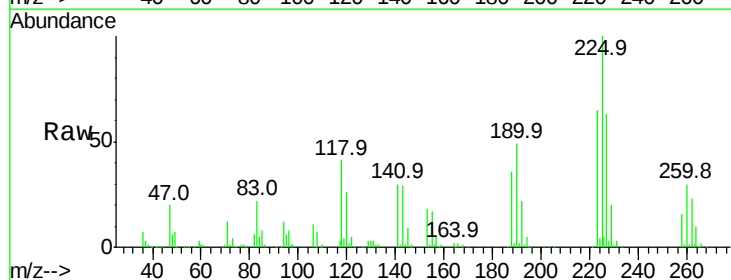
Manual Integrations
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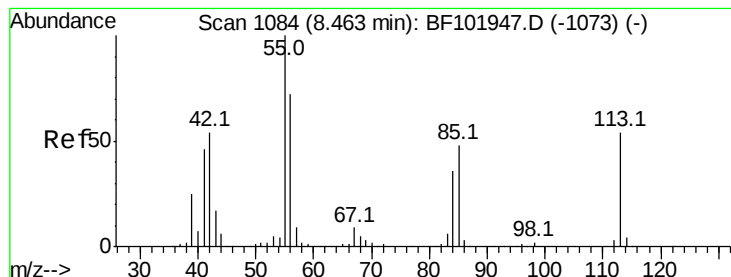
Sohil
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#34
Hexachlorobutadiene
Concen: 37.623 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.6	76.0
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 40.375 ng/ml

RT: 8.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

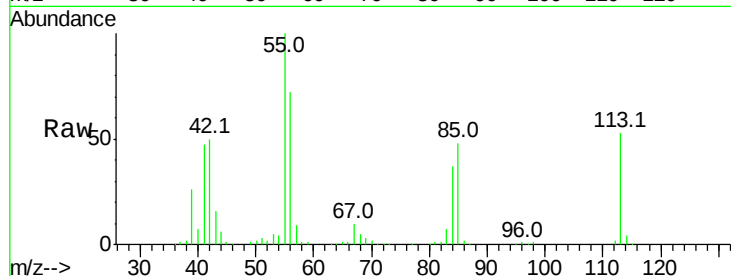
ClientSampleID :

PB105648BS

Tot Ion:	113	Resp:	150290
Ion Ratio	Lower	Upper	
113	100		
55	189.0	163.3	203.3
56	135.5	115.7	155.7

Manual Integrations
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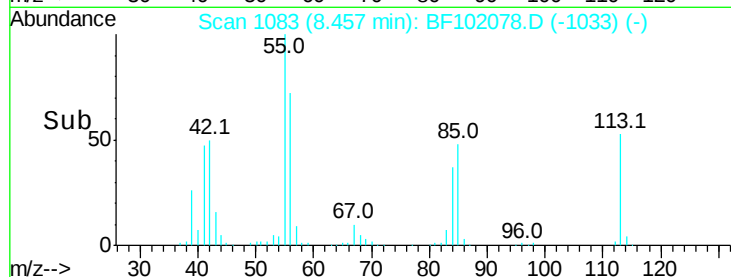


Abundance Ion 113.00 (112.70 to 113.70): E

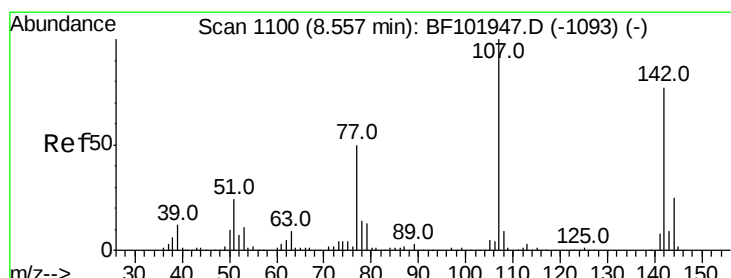
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 38.900 ng/ml

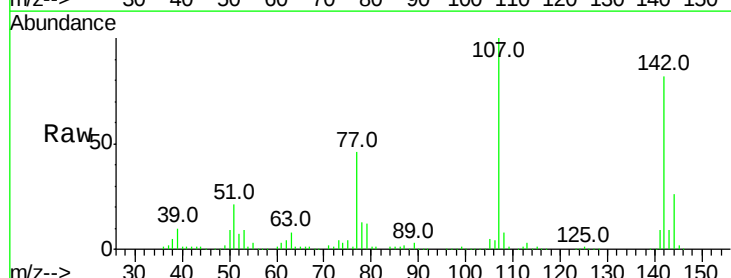
RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion:	107	Resp:	461692
Ion Ratio	Lower	Upper	
107	100		
144	25.8	20.5	30.7
142	82.0	62.0	93.0

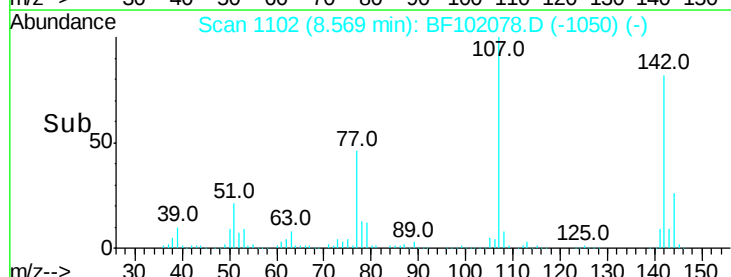


Abundance Ion 107.00 (106.70 to 107.70): E

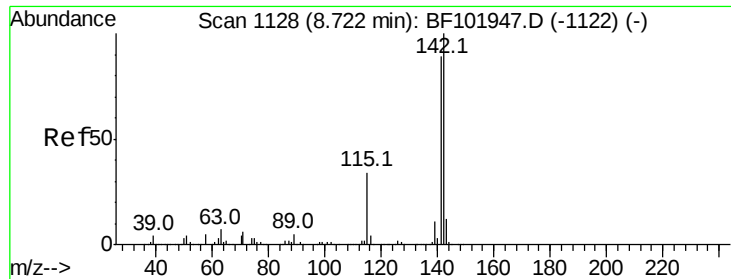
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



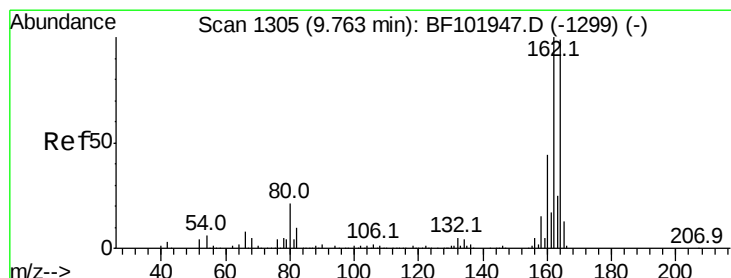
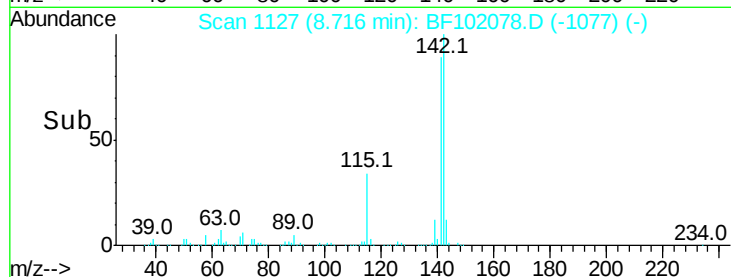
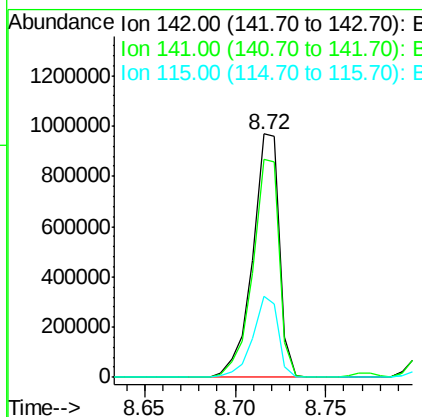
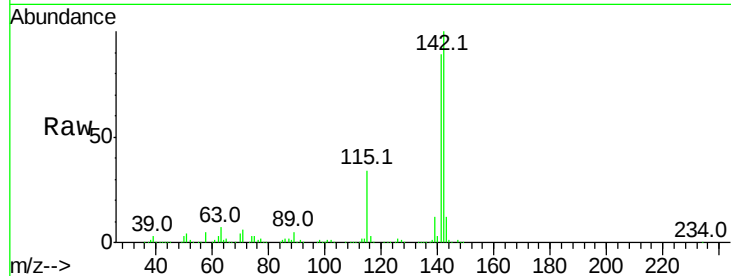
#37
2-Methylnaphthalene
Concen: 37.889 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	995709		
141	89.4	70.8	106.2	
115	33.5	26.1	39.1	

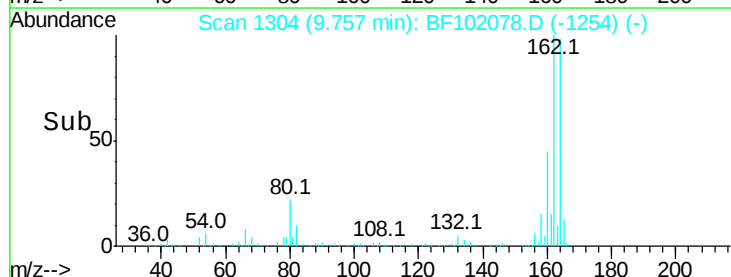
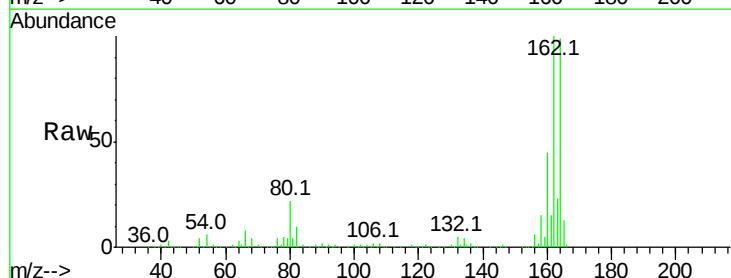
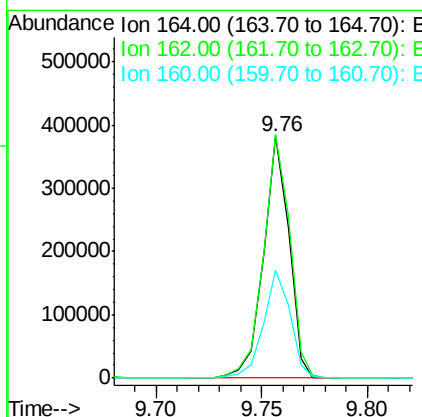
Manual Integrations
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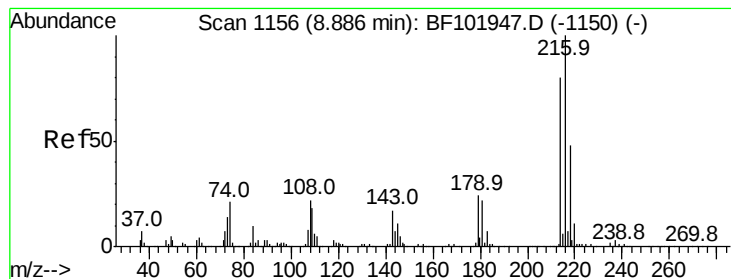
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	322006		
162	100.6	86.1	129.1	
160	44.8	38.3	57.5	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.672 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

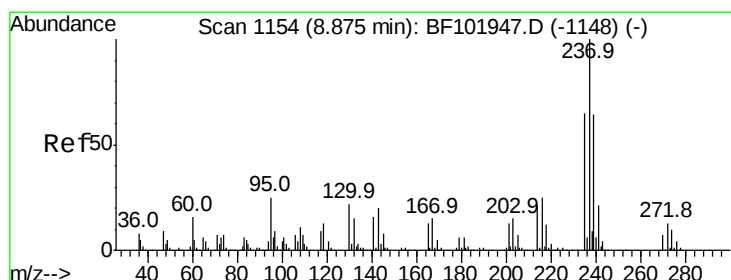
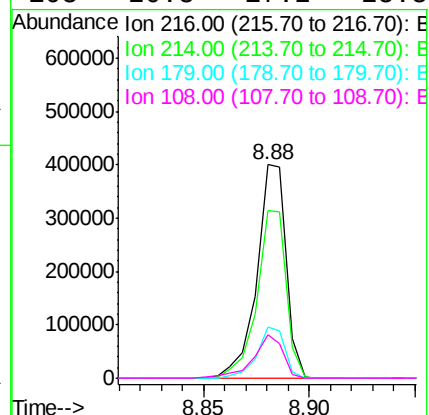
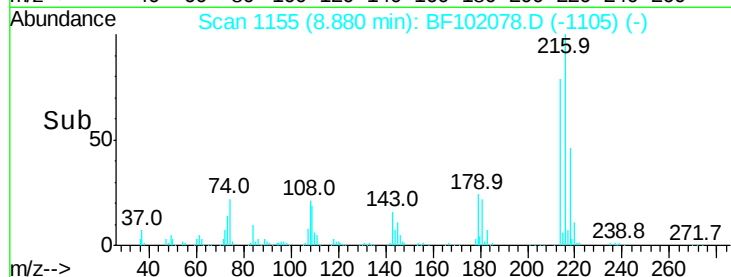
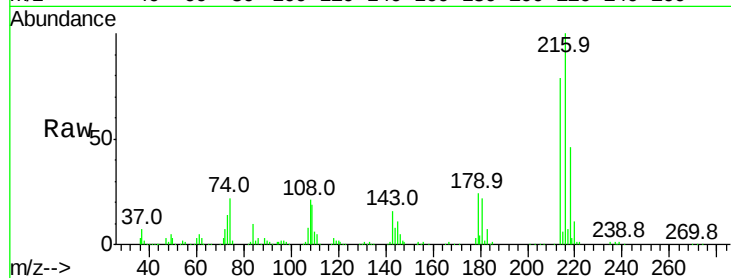
ClientSampleId :

PB105648BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.6	63.0	94.4
179	23.0	18.1	27.1
108	20.8	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 30.067 ng

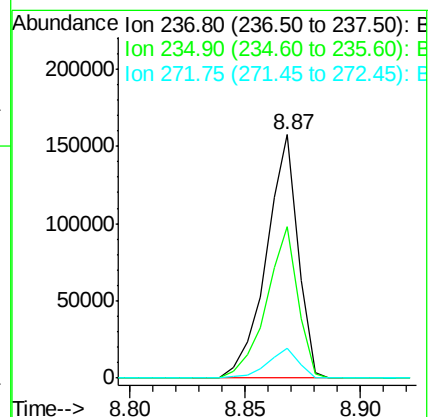
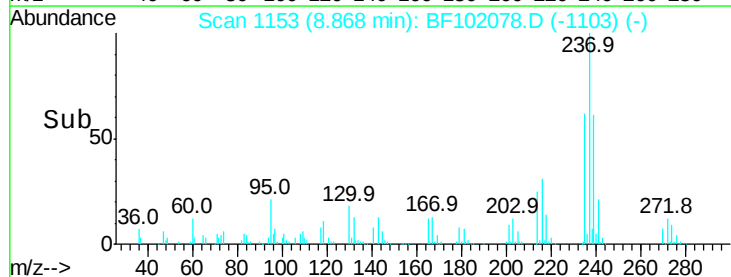
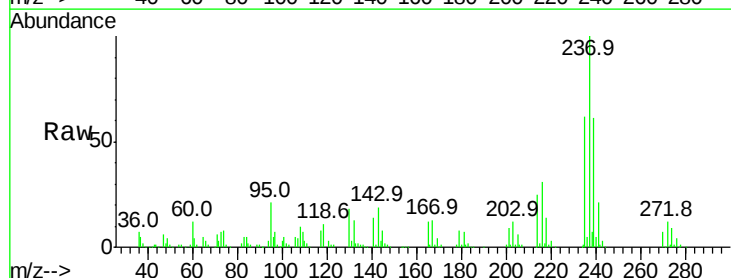
RT: 8.87 min Scan# 1153

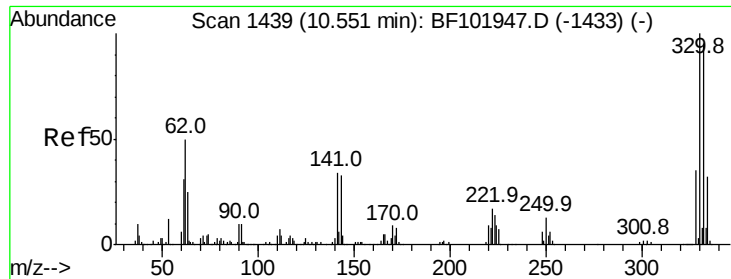
Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.2	44.8	84.8
272	12.5	0.0	33.3





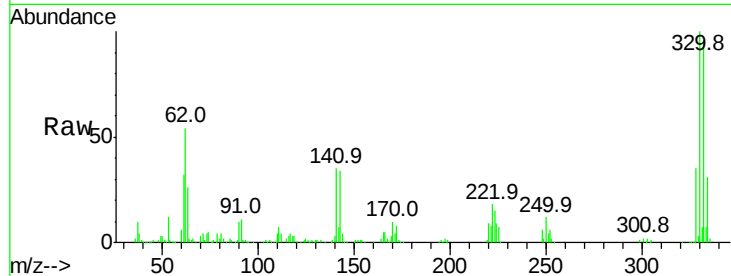
#41
 2,4,6-Tribromophenol
 Concen: 78.615 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

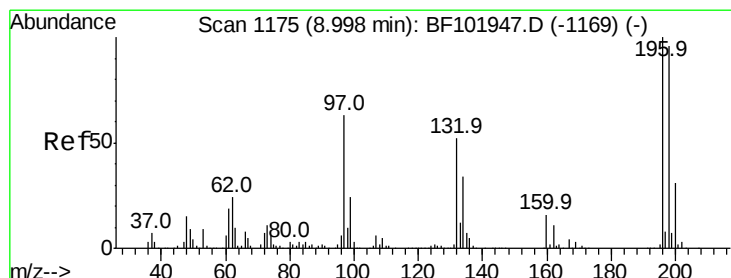
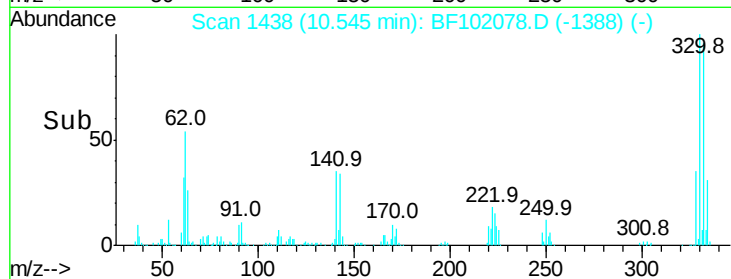
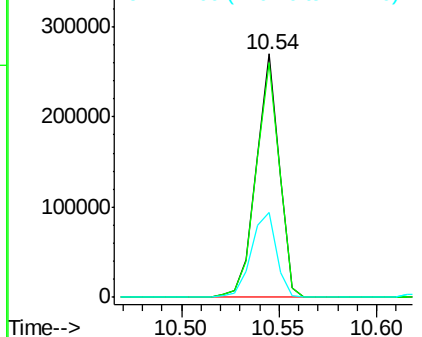
Tot Ion	Ratio	Resp	Lower	Upper
330	100	220915		
332	98.0	77.0	115.6	
141	38.3	29.9	44.9	

Manual Integrations
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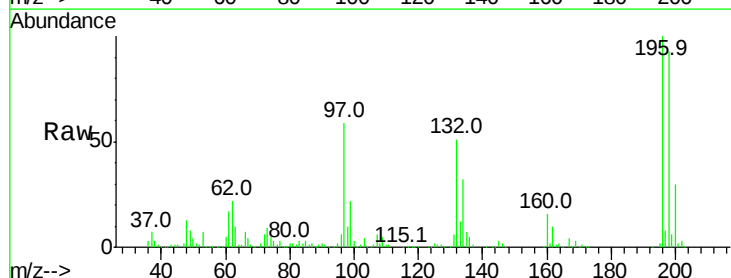


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

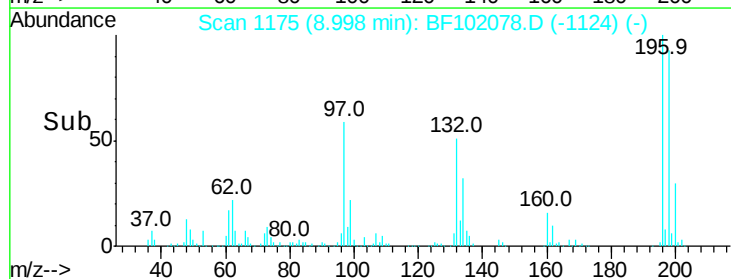
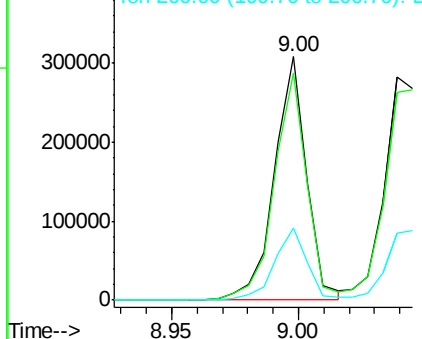


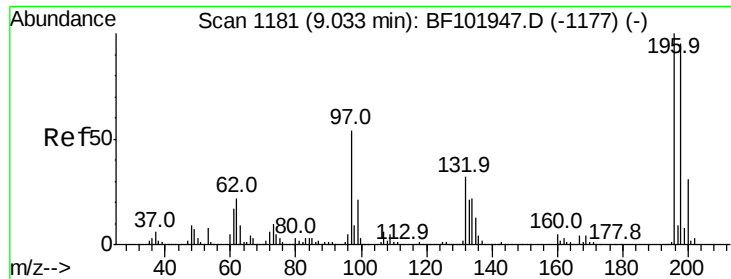
#42
 2,4,6-Trichlorophenol
 Concen: 43.722 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274472		
198	93.0	75.7	113.5	
200	29.5	24.5	36.7	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





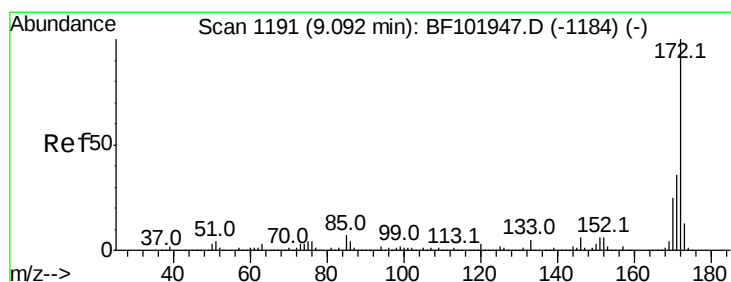
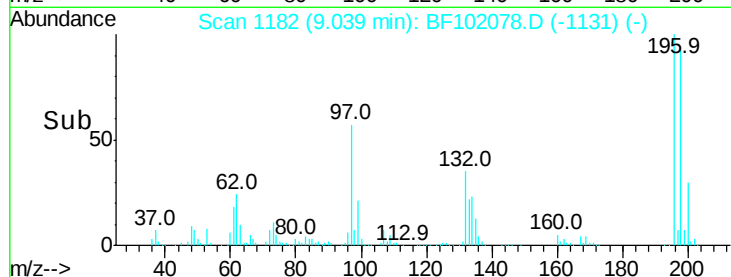
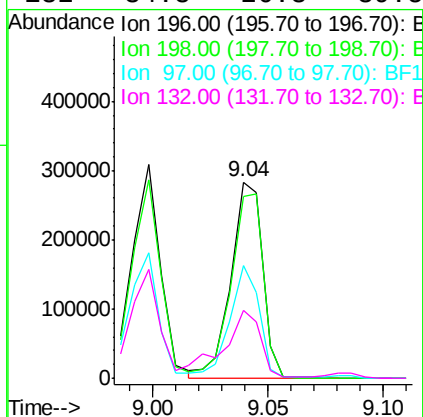
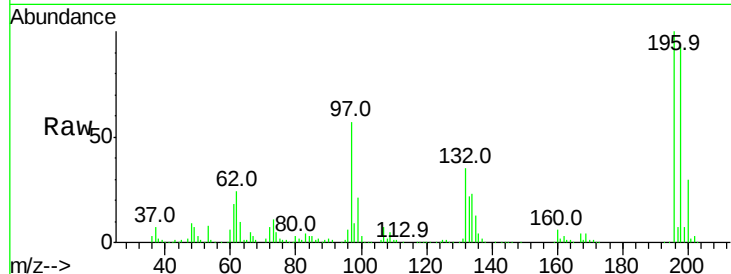
#43
 2,4,5-Trichlorophenol
 Concen: 38.312 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	271832		
198	93.0	74.6	112.0	
97	57.3	42.9	64.3	
132	34.8	26.3	39.5	

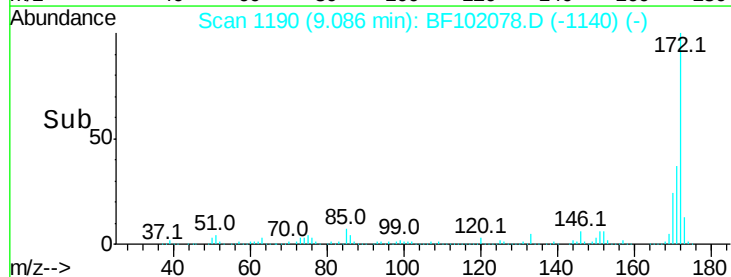
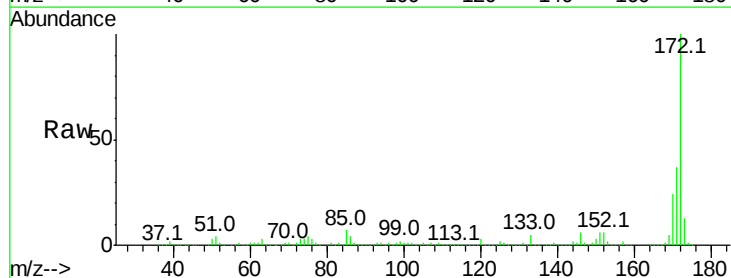
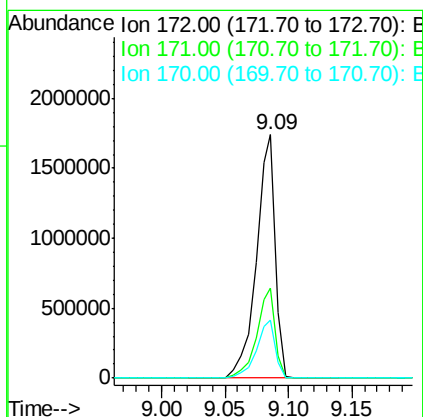
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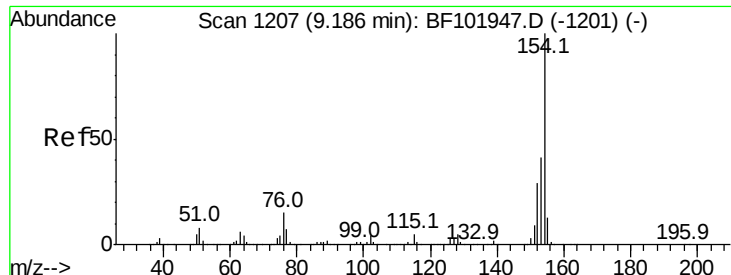
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 87.809 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1809872		
171	36.9	29.7	44.5	
170	24.0	19.6	29.4	





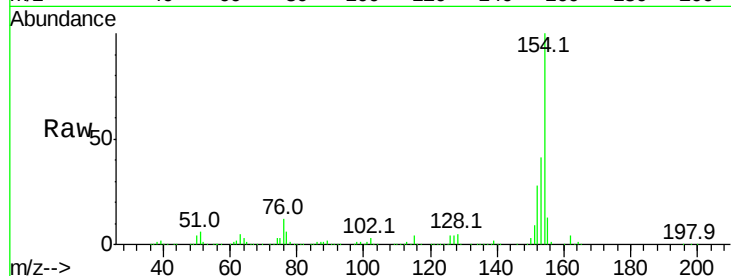
#45
1,1'-Biphenyl
Concen: 39.344 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

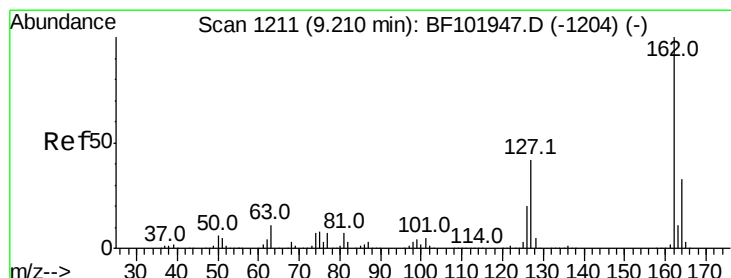
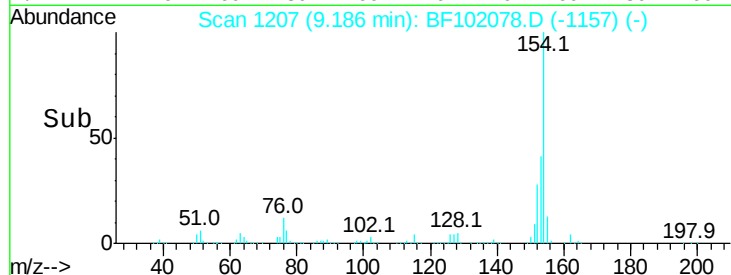
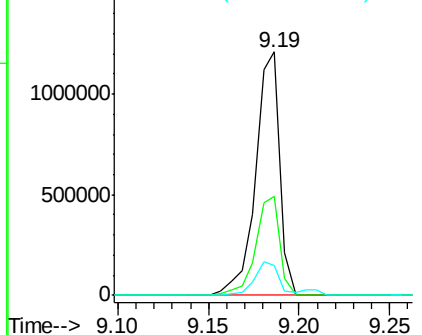
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	12.3	0.0	34.0

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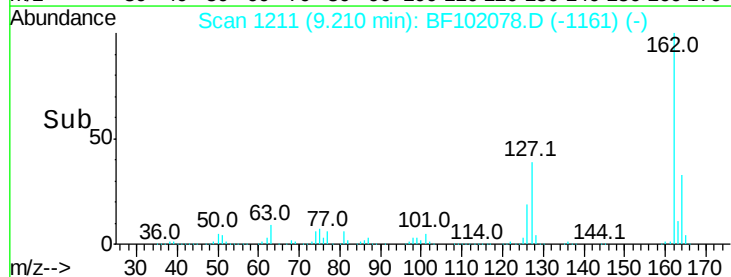
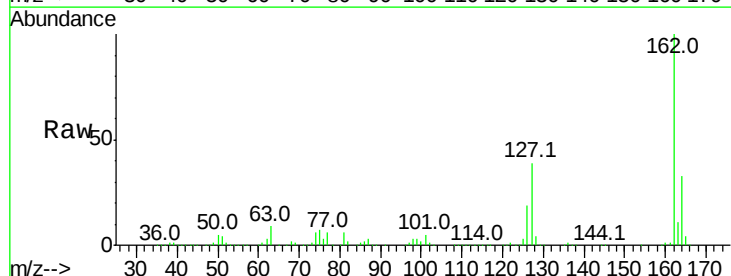
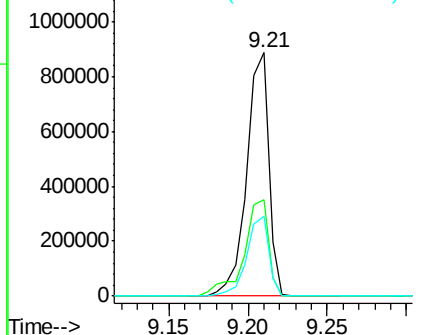
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

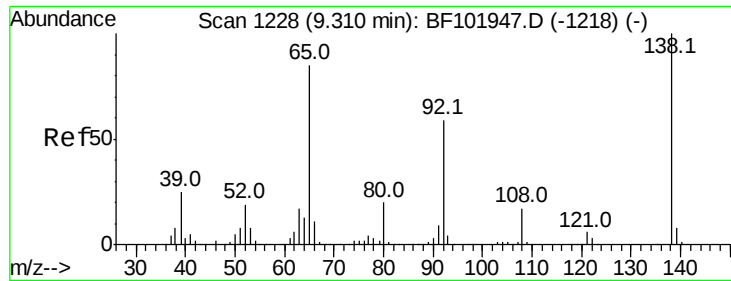


#46
2-Chloronaphthalene
Concen: 38.790 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	33.9	50.9
164	32.9	26.5	39.7

Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





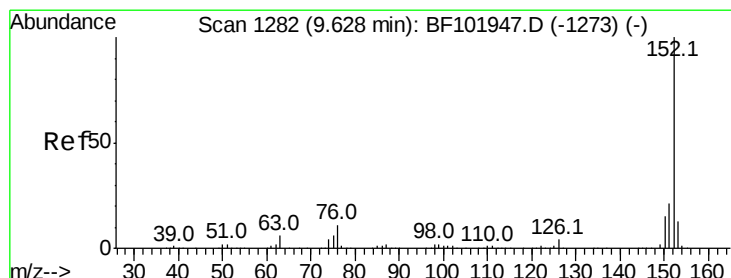
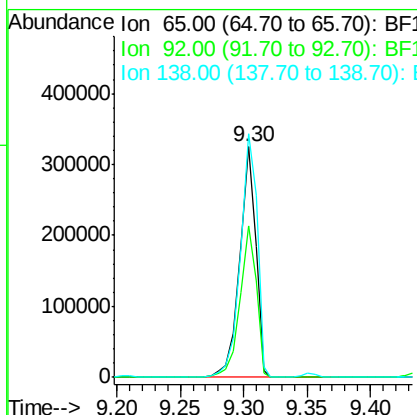
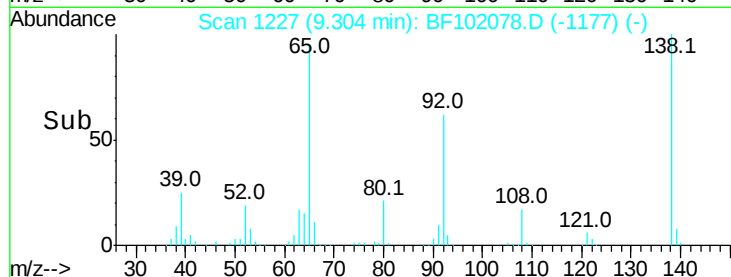
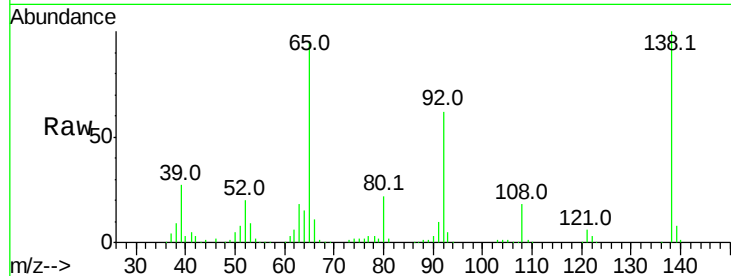
#47
 2-Nitroaniline
 Concen: 42.707 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Tot Ion:	65	Resp:	282347
Ion Ratio	Lower	Upper	
65	100		
92	65.7	55.8	83.6
138	105.6	91.2	136.8

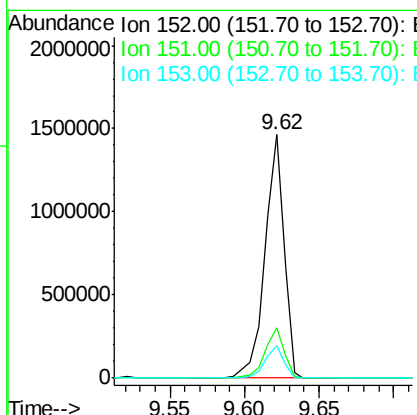
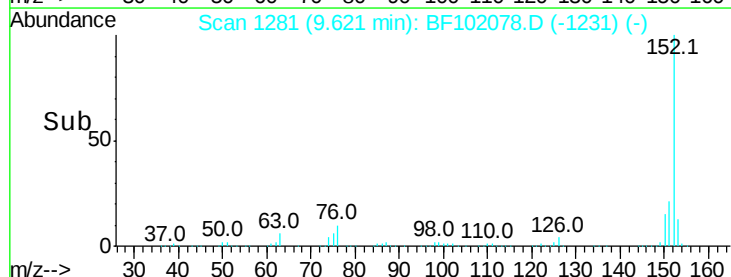
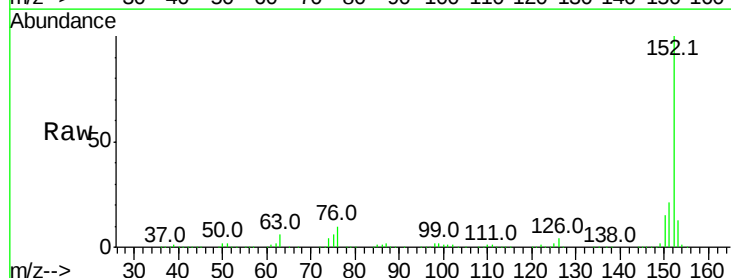
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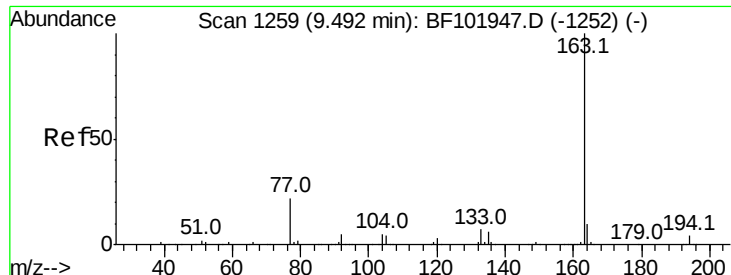
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#48
 Acenaphthylene
 Concen: 36.334 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion:	152	Resp:	1272657
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 38.991 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampled :

PB105648BS

Tot Ion:163 Resp: 1007200

Ion Ratio Lower Upper

163 100

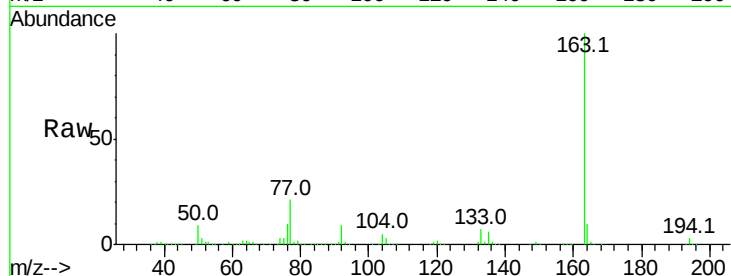
194 3.4 2.7 4.1

164 10.4 8.2 12.2

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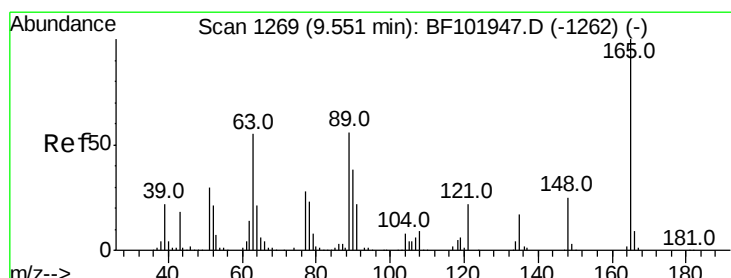
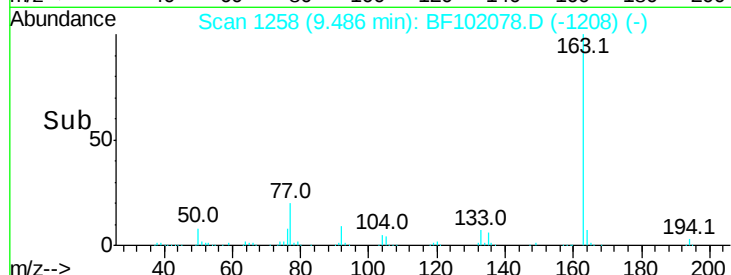
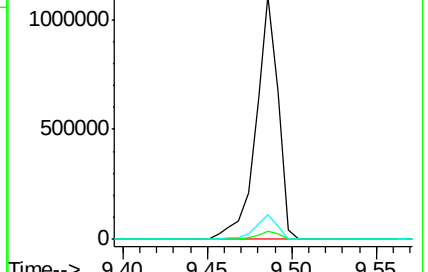
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.899 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

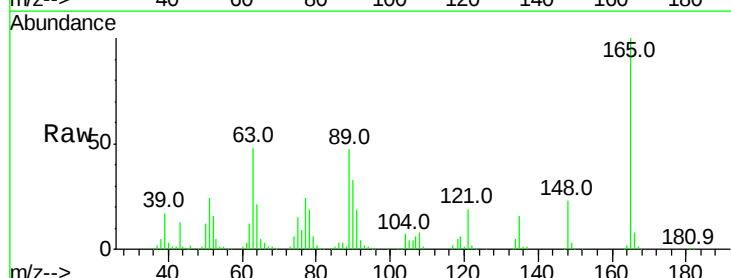
Tgt Ion:165 Resp: 221354

Ion Ratio Lower Upper

165 100

63 48.1 44.7 67.1

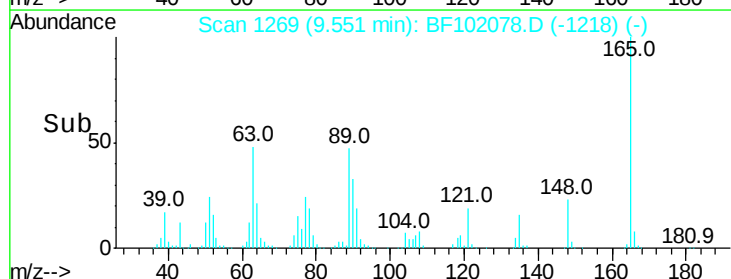
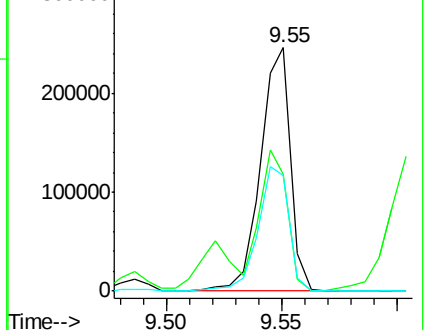
89 47.3 44.0 66.0

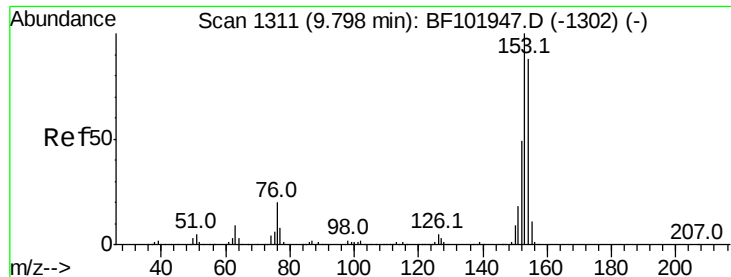


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.178 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

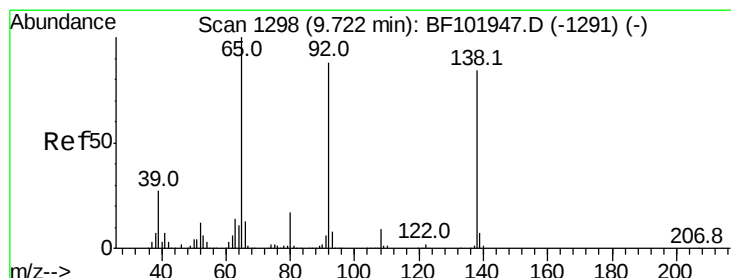
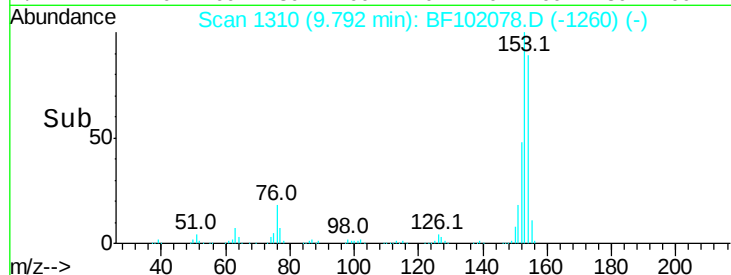
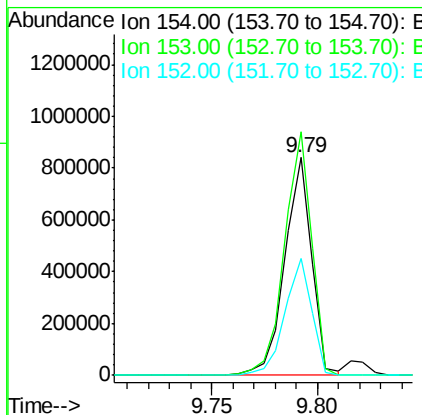
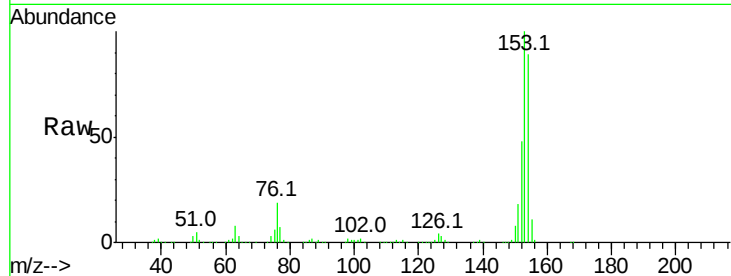
ClientSampleId :

PB105648BS

Tot Ion:	154	Resp:	747878
Ion Ratio	Lower	Upper	
154	100		
153	111.8	91.2	136.8
152	54.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 18.221 ng

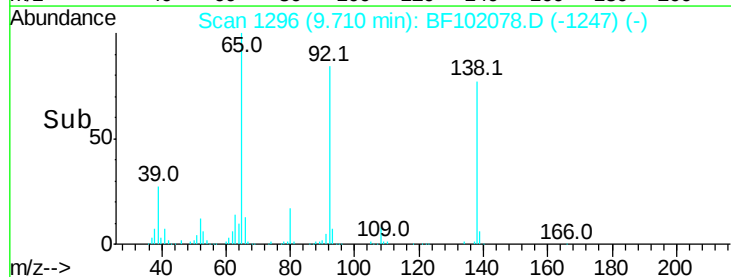
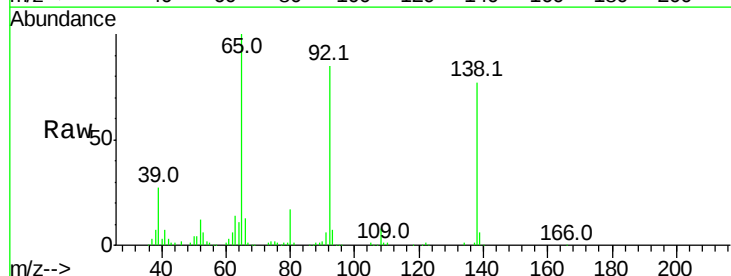
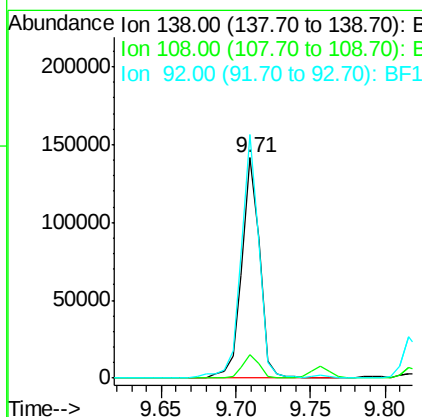
RT: 9.71 min Scan# 1296

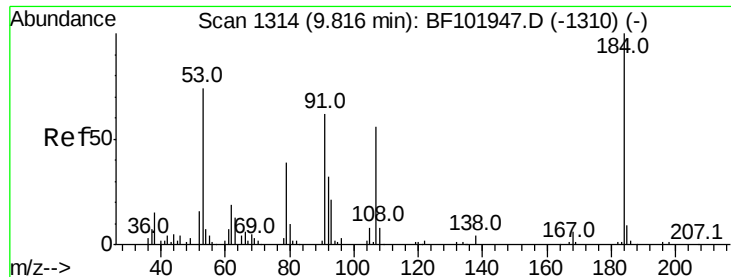
Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion:	138	Resp:	118657
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	110.5	89.4	134.2





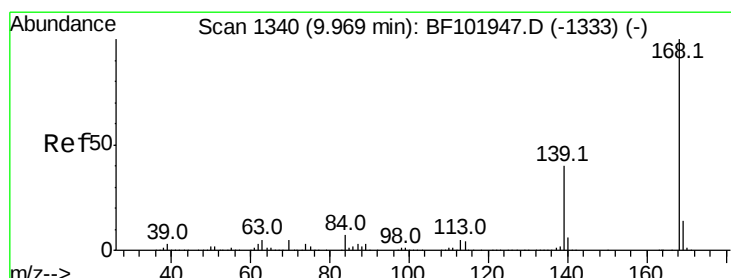
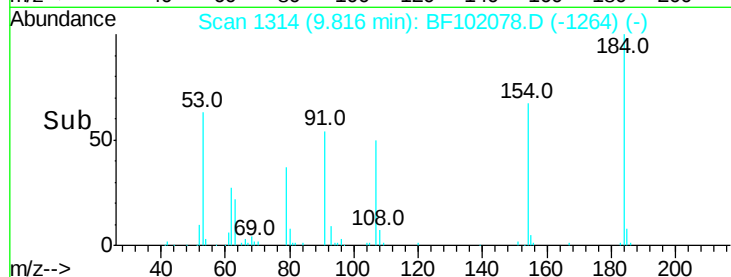
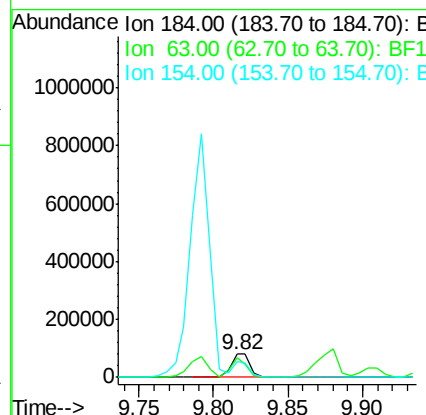
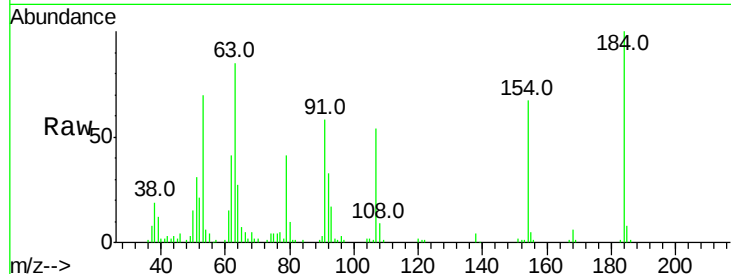
#53
 2,4-Dinitrophenol
 Concen: 42.444 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampled :
 PB105648BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	84.8	54.2	81.2#
154	67.3	184.0	276.0#

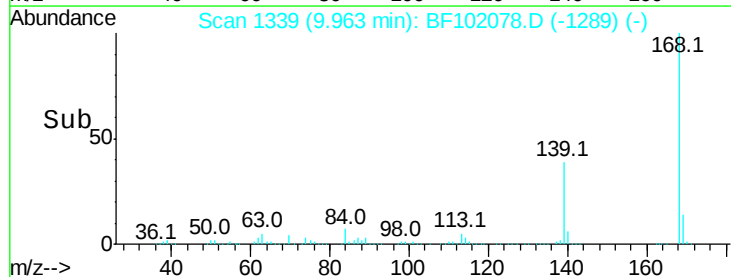
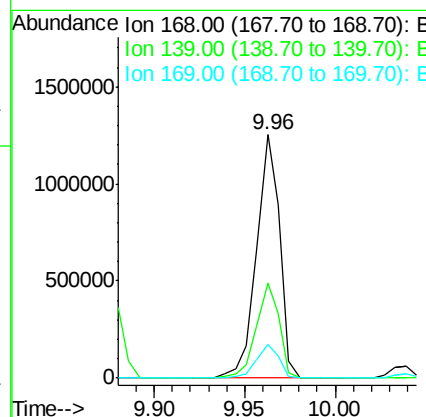
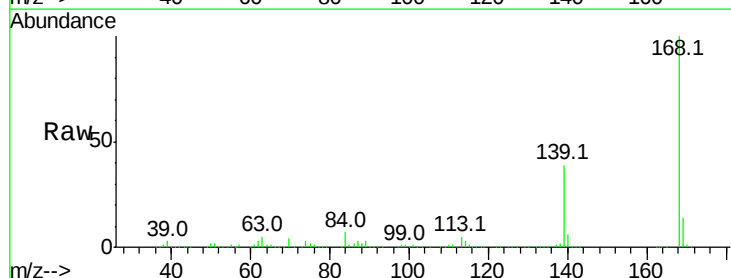
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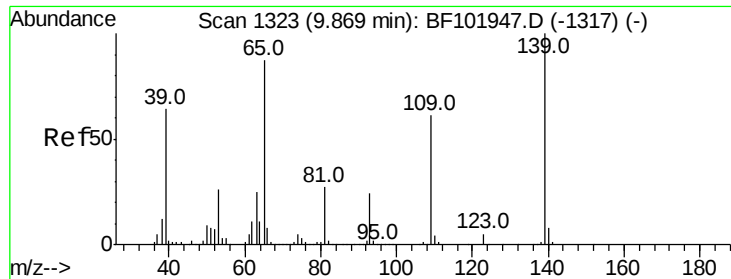
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#54
 Dibenzofuran
 Concen: 37.905 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	13.8	10.9	16.3





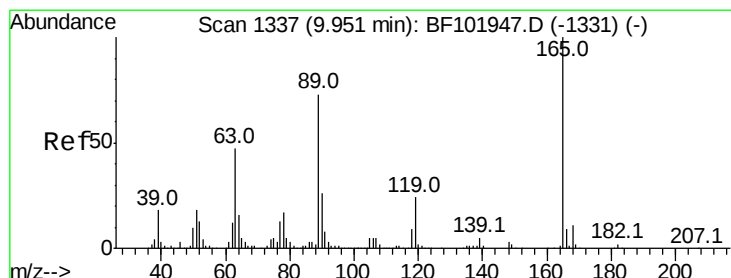
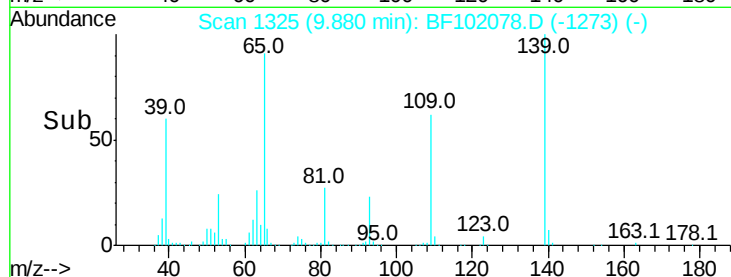
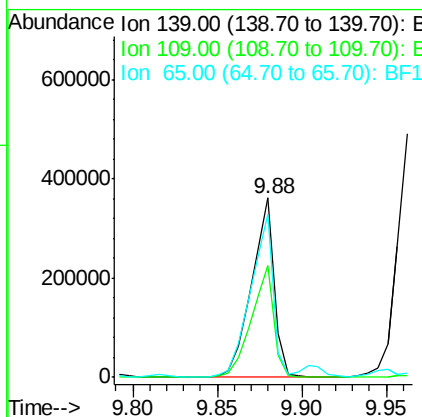
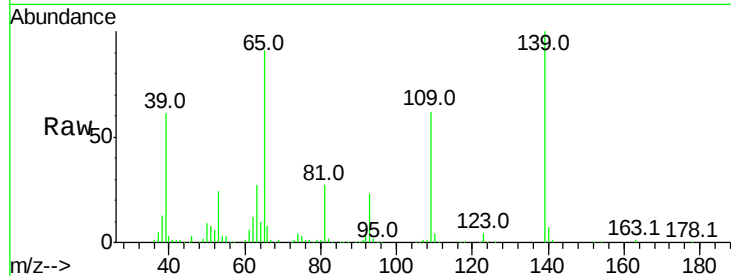
#55
4-Nitrophenol
Concen: 70.824 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.0	48.4	88.4	
65	90.9	72.6	112.6	

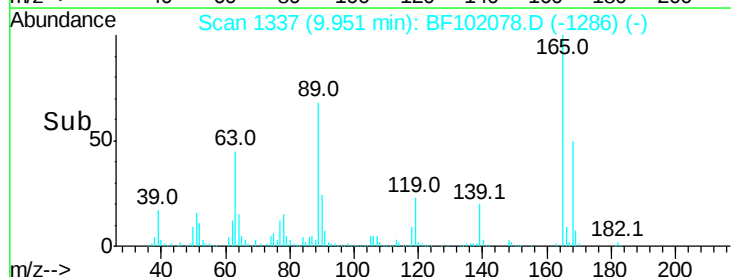
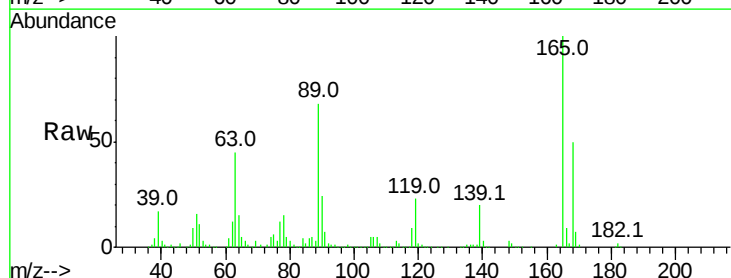
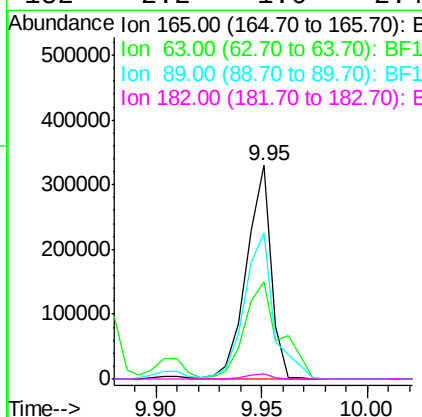
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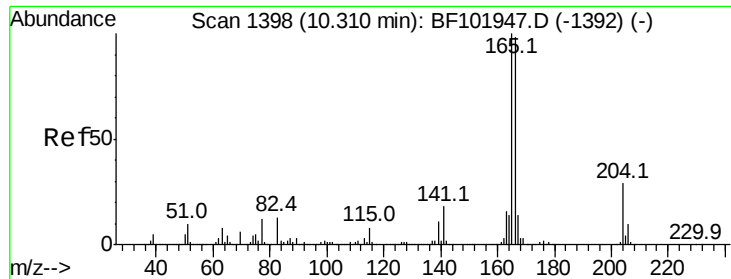
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#56
2,4-Dinitrotoluene
Concen: 41.366 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.5	36.4	54.6	
89	68.3	57.8	86.6	
182	2.2	1.6	2.4	





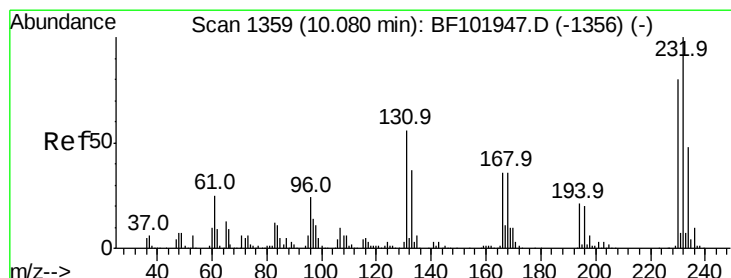
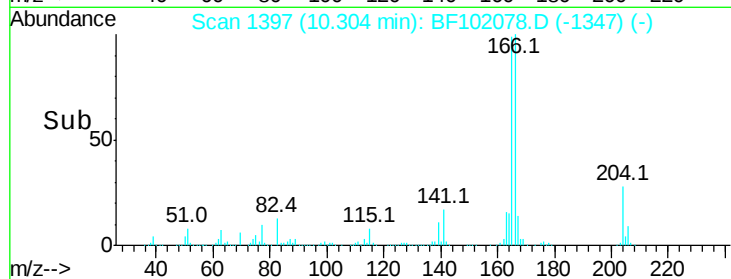
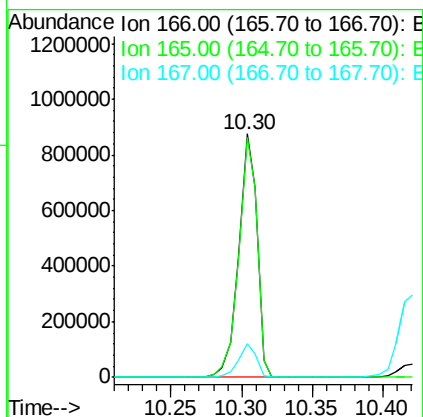
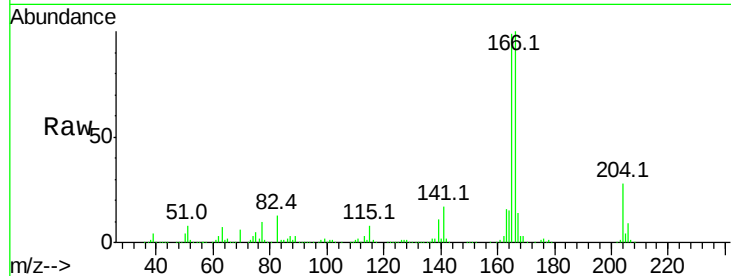
#57
Fluorene
 Concen: 38.997 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	786565		
165	98.6		79.8	119.8
167	13.7		10.6	16.0

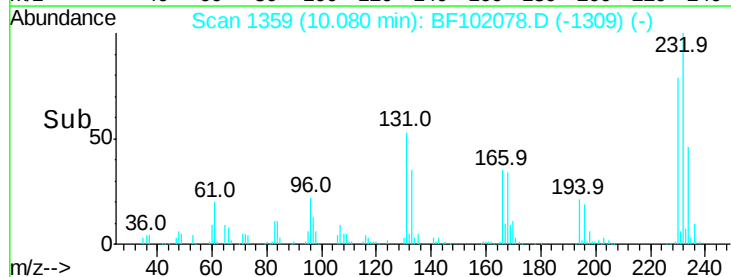
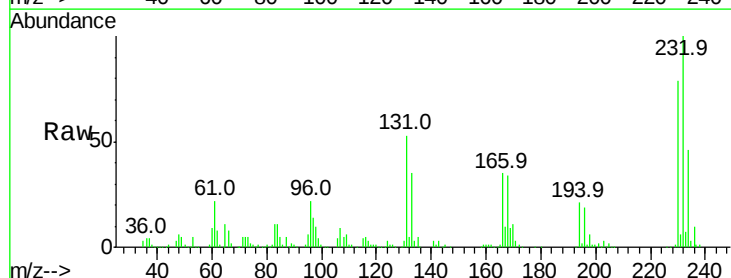
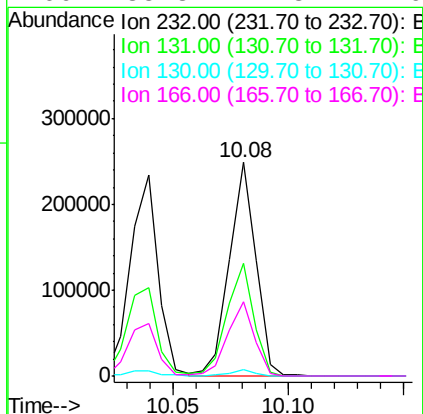
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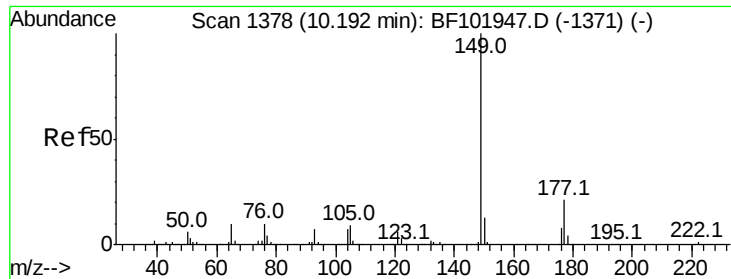
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.459 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	199320		
131	53.8		43.8	65.8
130	2.5		2.1	3.1
166	35.3		27.8	41.6





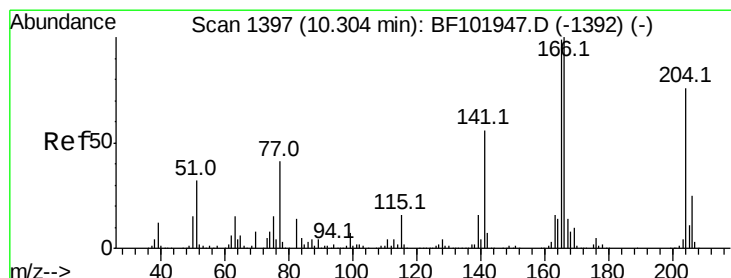
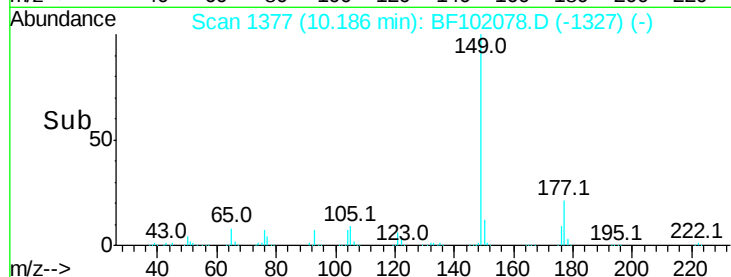
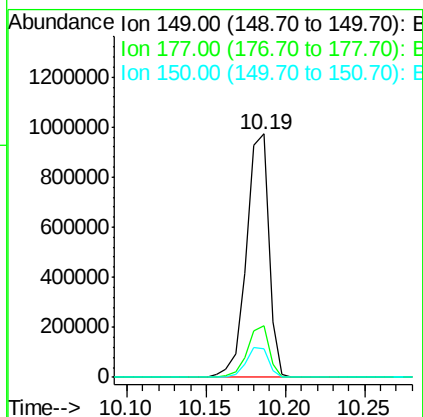
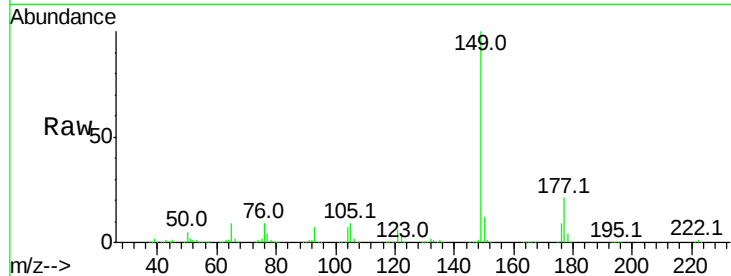
#59
Diethylphthalate
Concen: 37.000 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	11.9	10.1	15.1

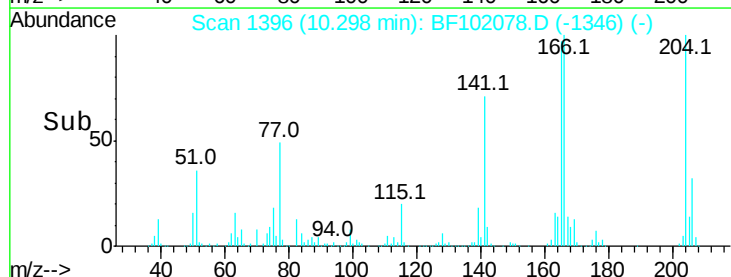
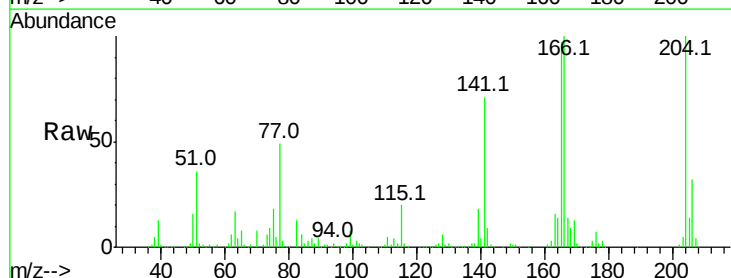
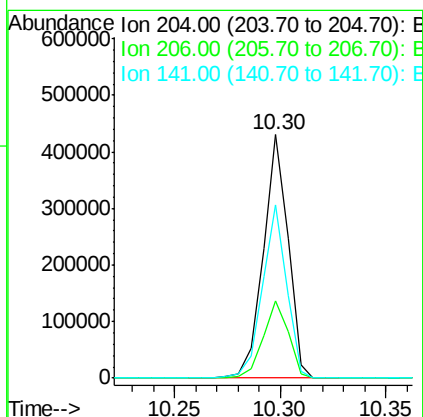
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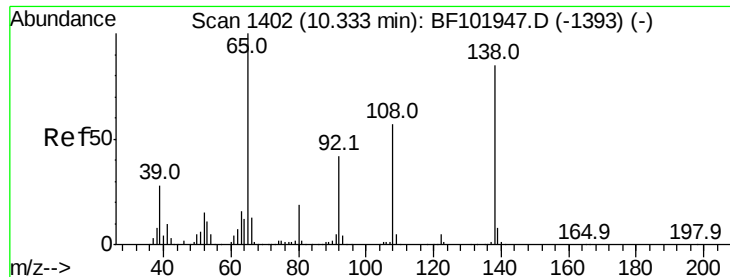
Sohil
1/16/2018 5:01:25 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.892 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.5	39.7
141	70.9	54.6	81.8





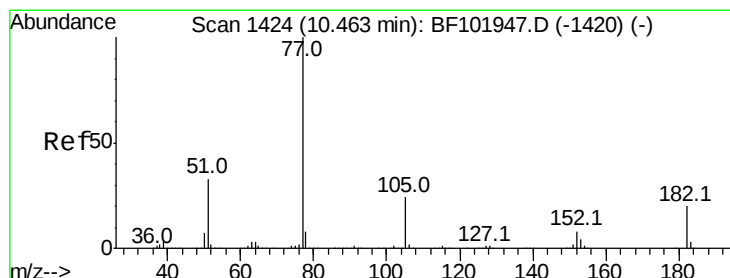
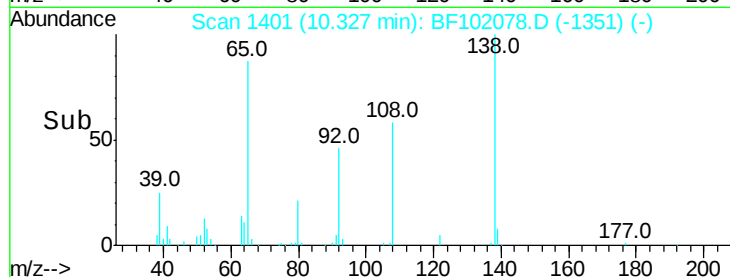
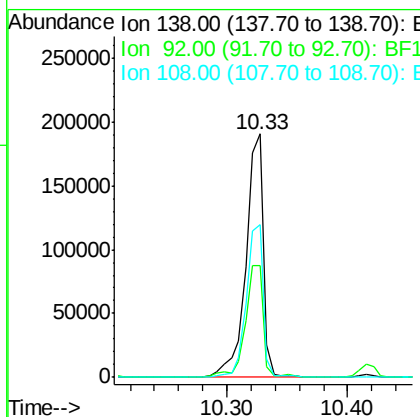
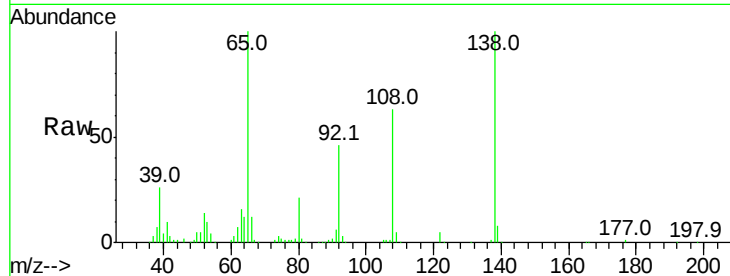
#61
4-Nitroaniline
Concen: 31.263 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampled :
PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	193214		
92	45.7	30.2	70.2	
108	62.6	52.5	92.5	

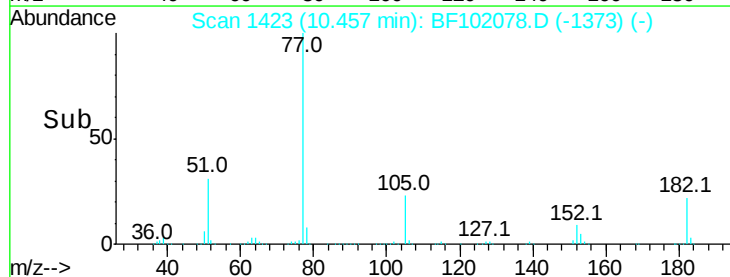
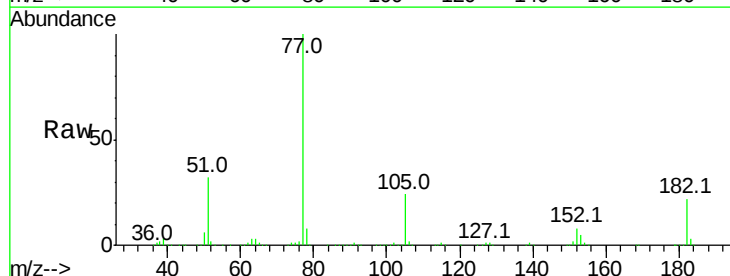
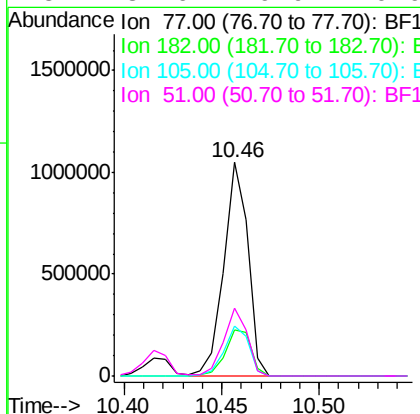
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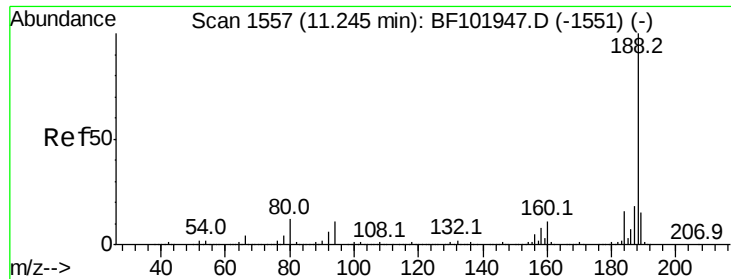
Sohil
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#62
Azobenzene
Concen: 35.345 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	903603		
182	21.8	1.7	41.7	
105	23.7	3.0	43.0	
51	31.6	9.9	49.9	





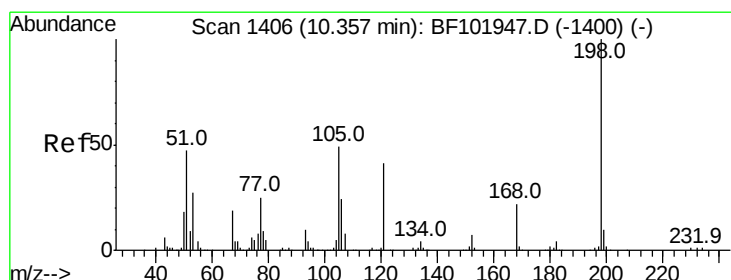
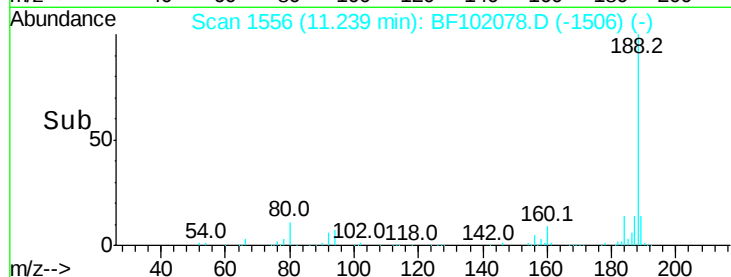
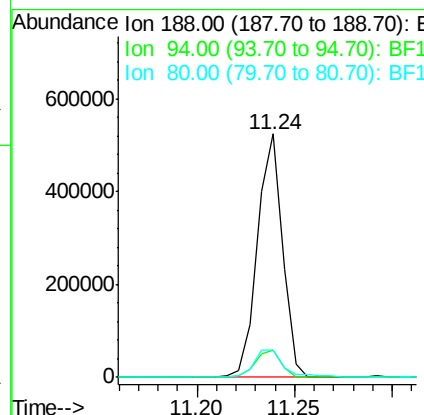
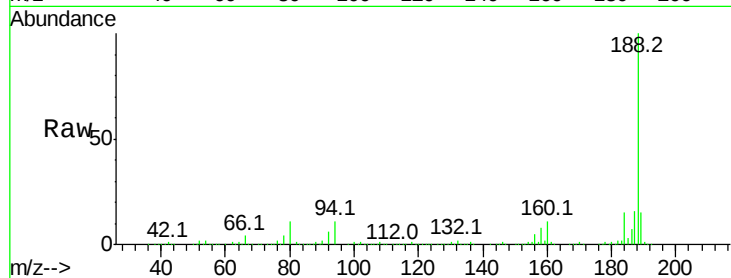
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.1	8.5	12.7
80	11.4	9.2	13.8

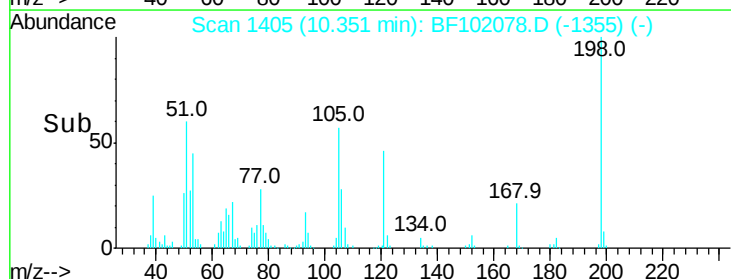
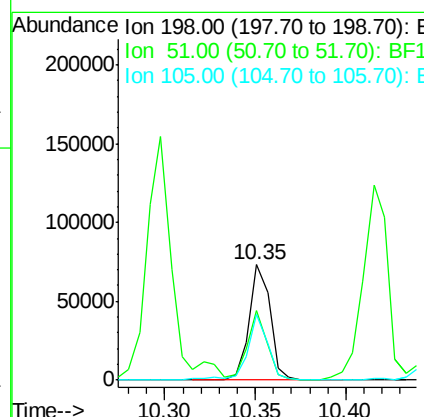
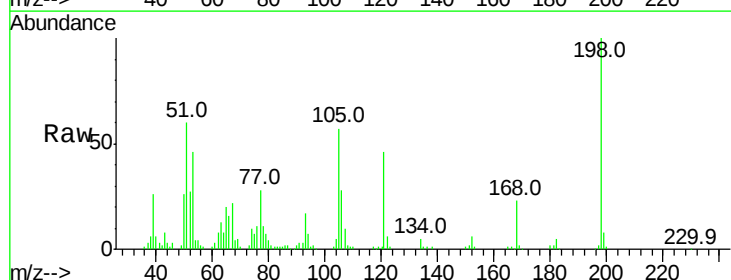
Manual Integrations
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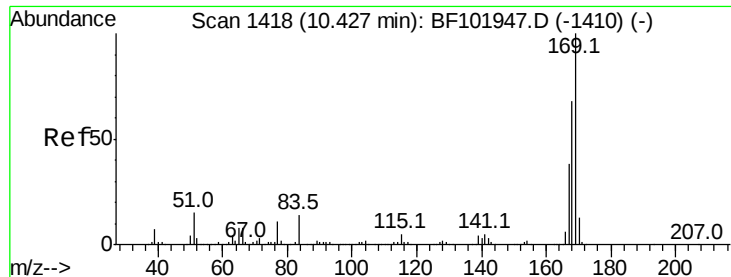
Sohil
1/16/2018 5:01:25 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 26.178 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	60.2	37.7	77.7
105	56.5	36.3	76.3





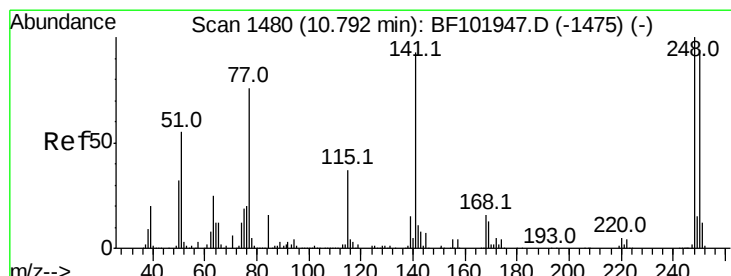
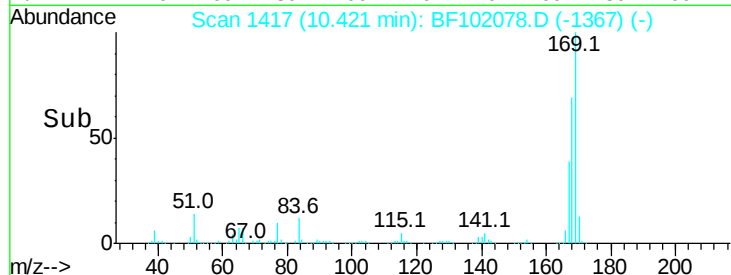
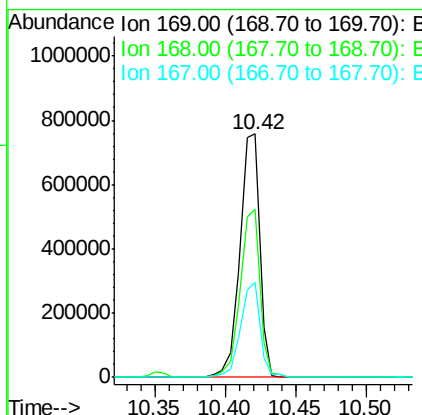
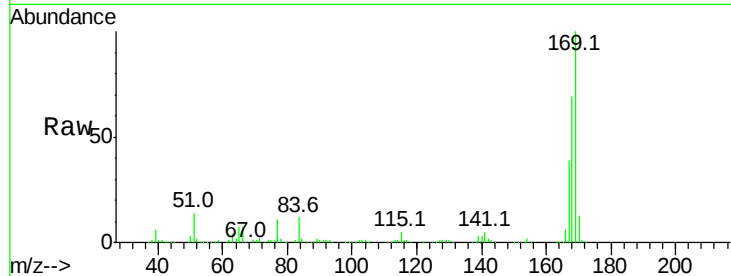
#65
 n-Nitrosodiphenylamine
 Concen: 42.456 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	742709		
168	69.3		54.4	81.6
167	39.0		29.8	44.6

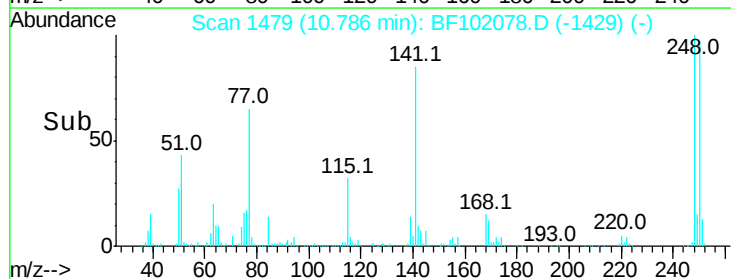
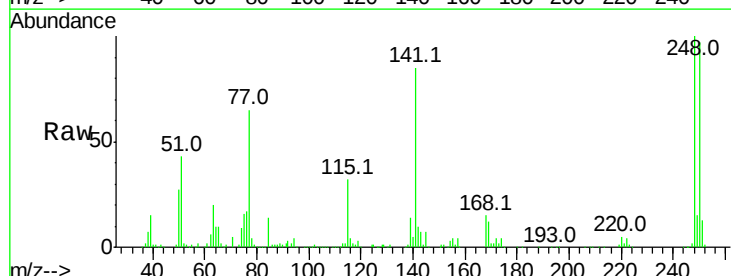
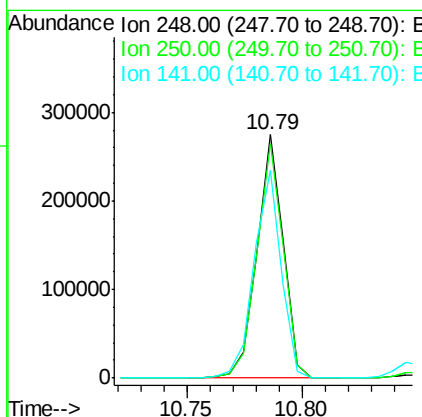
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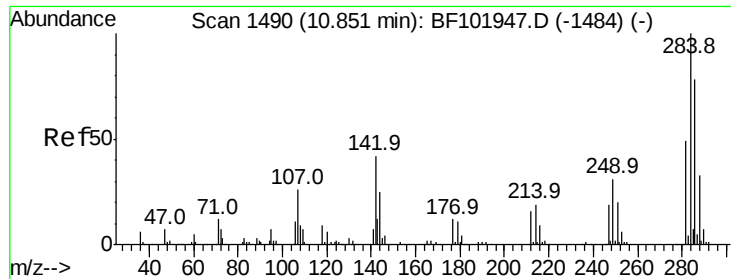
Sohil
 1/16/2018 5:01:25 PM



#66
 4-Bromophenyl-phenylether
 Concen: 44.276 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	218437		
250	96.6		76.9	115.3
141	85.5		74.4	111.6





#67

Hexachlorobenzene

Concen: 39.591 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

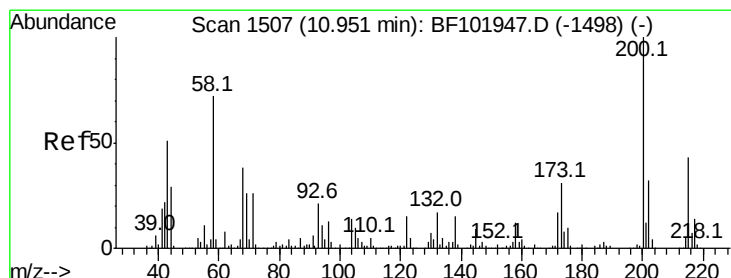
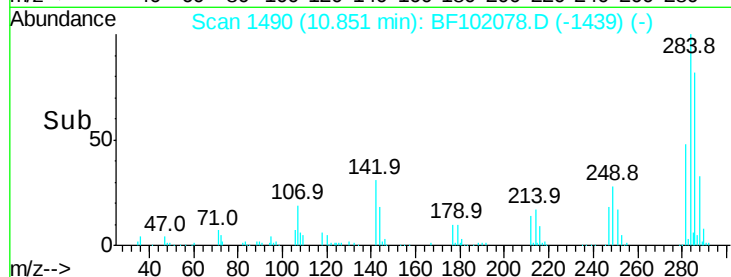
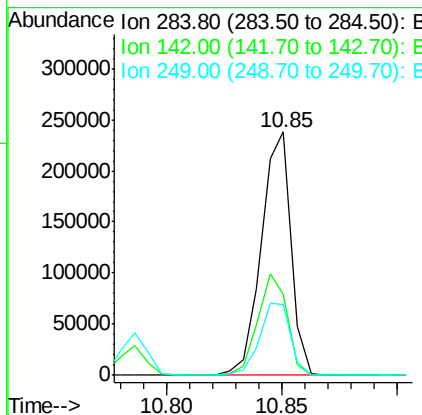
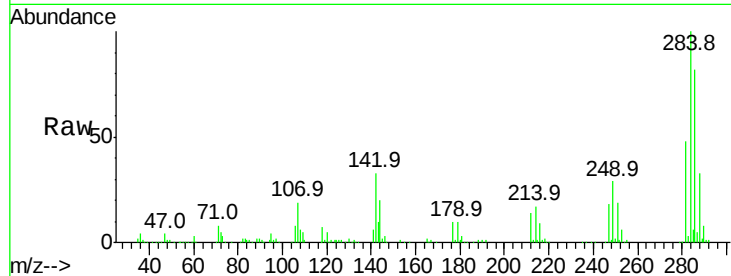
ClientSampleId :

PB105648BS

Tot Ion:	284	Resp:	213235
Ion Ratio		Lower	Upper
284	100		
142	33.3	34.6	52.0#
249	28.9	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 45.340 ng

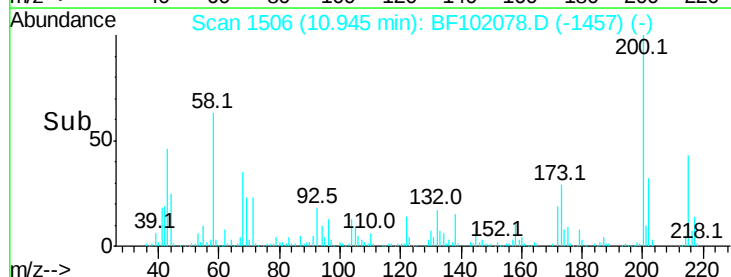
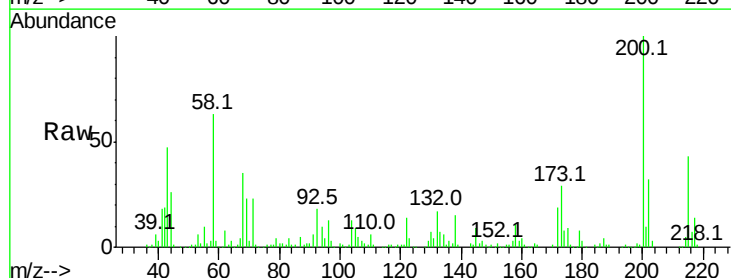
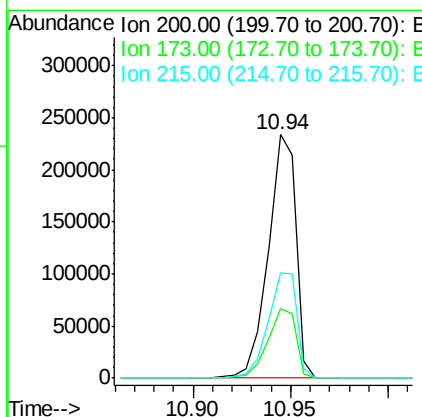
RT: 10.94 min Scan# 1506

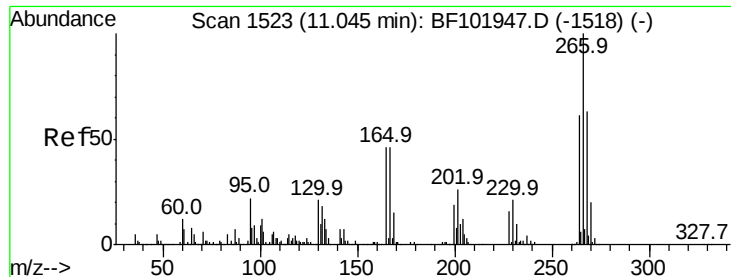
Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion:	200	Resp:	229220
Ion Ratio		Lower	Upper
200	100		
173	28.8	8.6	48.6
215	43.4	25.1	65.1





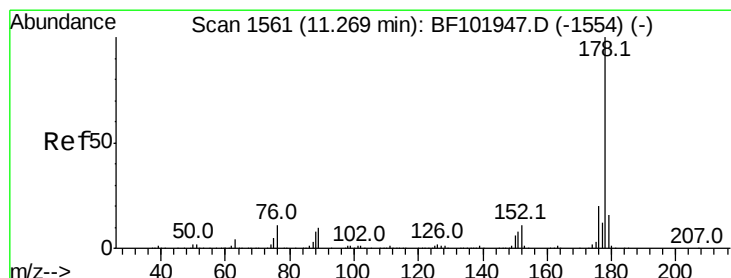
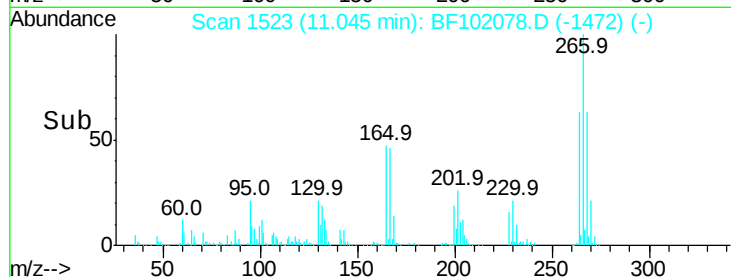
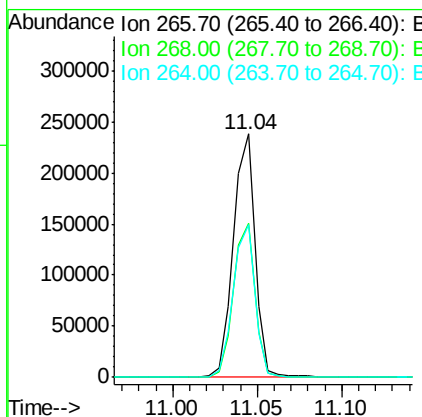
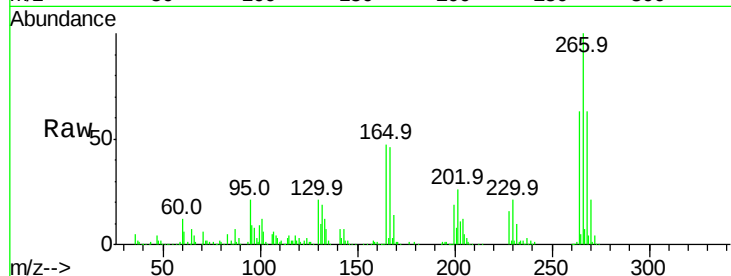
#69
 Pentachlorophenol
 Concen: 64.663 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	212370		
268	63.3	51.1	76.7	
264	62.8	49.5	74.3	

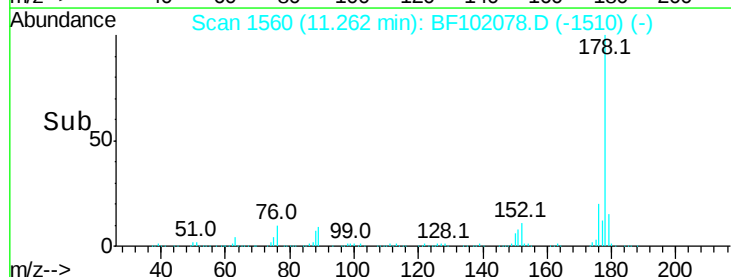
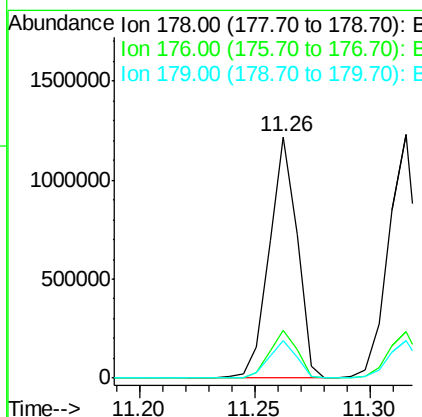
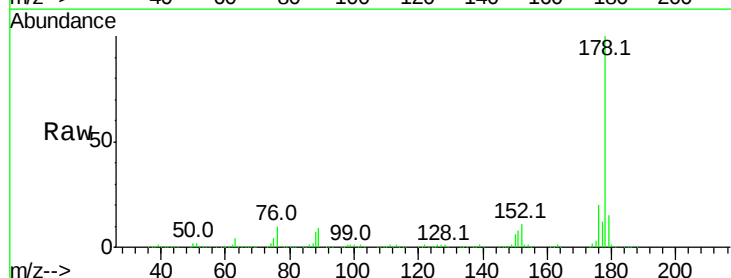
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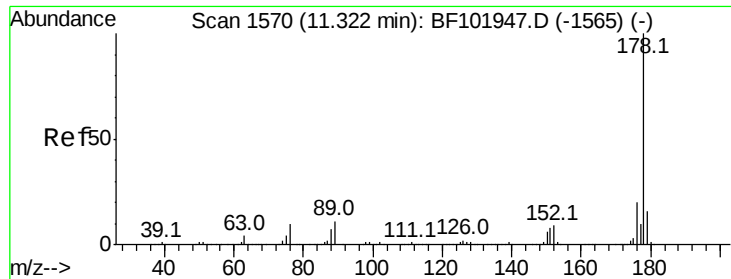
Sohil
 1/16/2018 5:01:25 PM



#70
 Phenanthrene
 Concen: 37.451 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1022014		
176	20.0	15.8	23.8	
179	15.5	13.0	19.6	





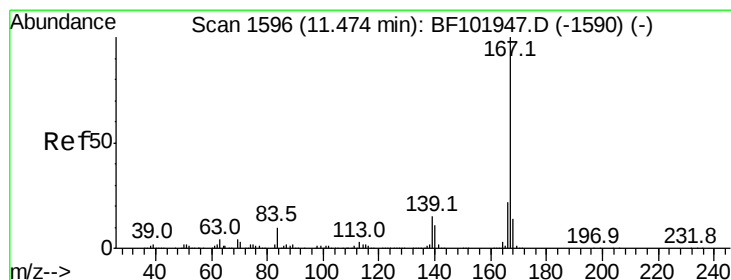
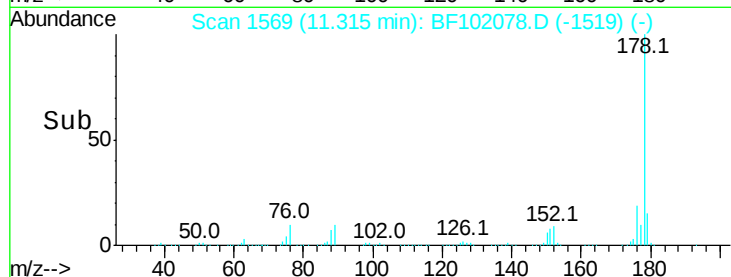
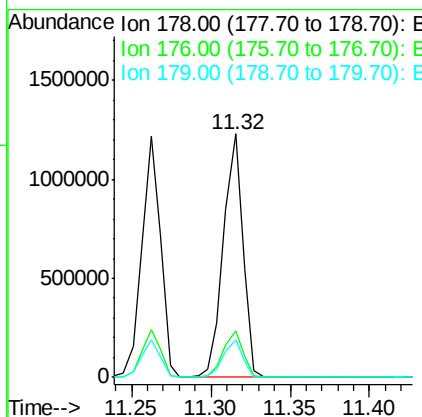
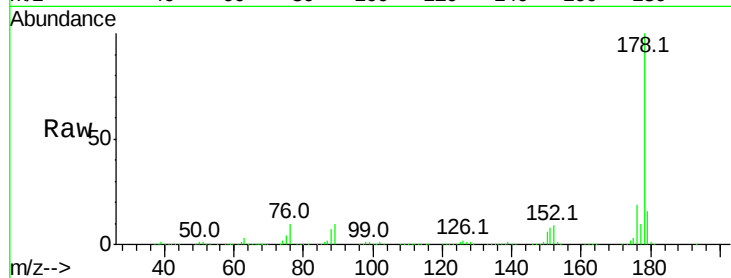
#71
 Anthracene
 Concen: 38.092 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Tot Ion:178 Resp: 1054255
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.6 19.0

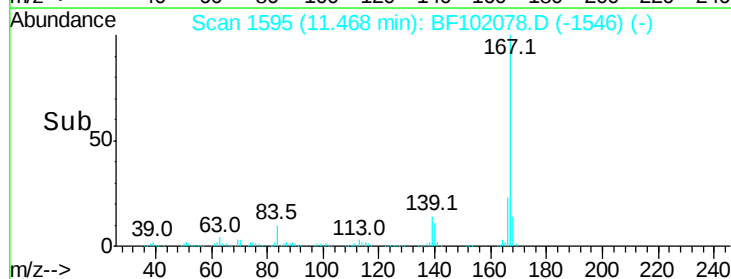
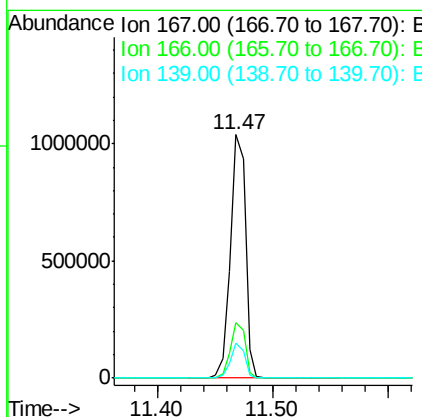
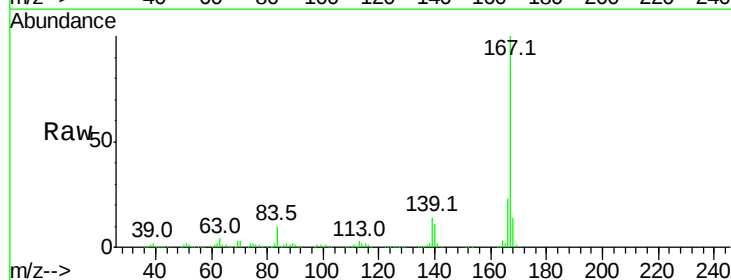
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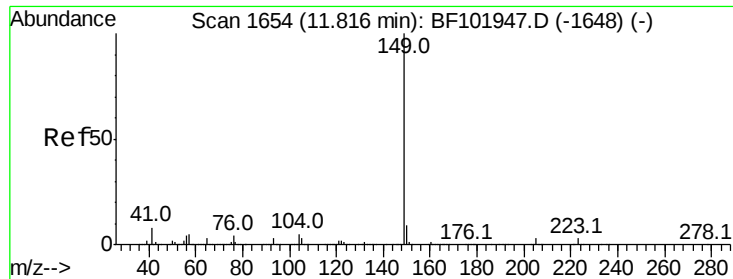
Sohil
 1/16/2018 5:01:25 PM



#72
 Carbazole
 Concen: 34.735 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion:167 Resp: 944904
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.834 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

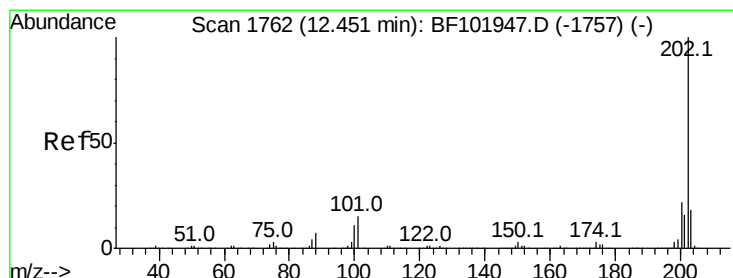
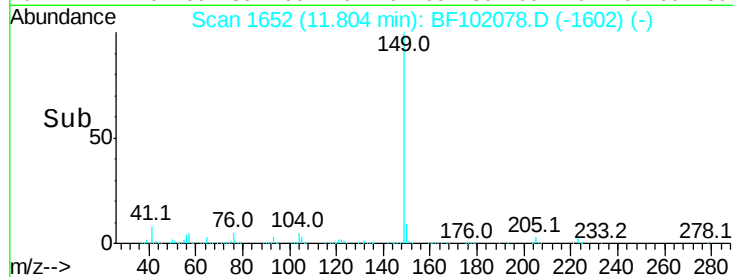
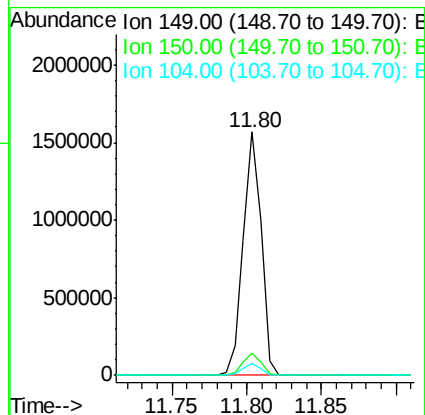
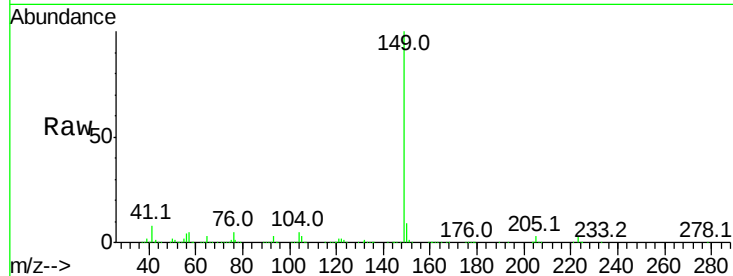
ClientSampleId :

PB105648BS

Tot Ion:	149	Resp:	1329426
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 33.434 ng

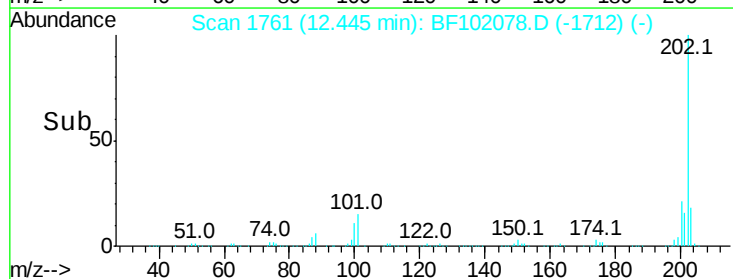
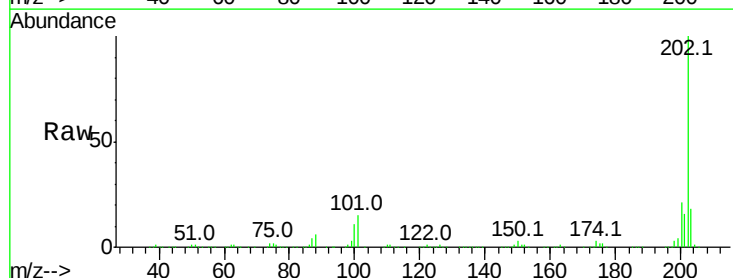
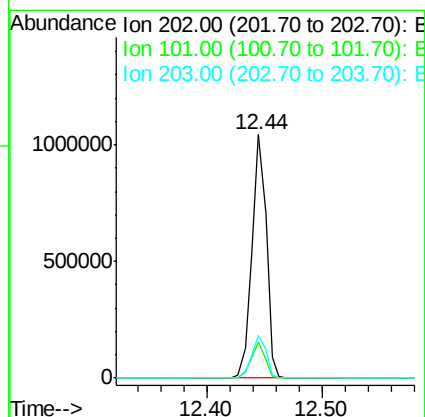
RT: 12.44 min Scan# 1761

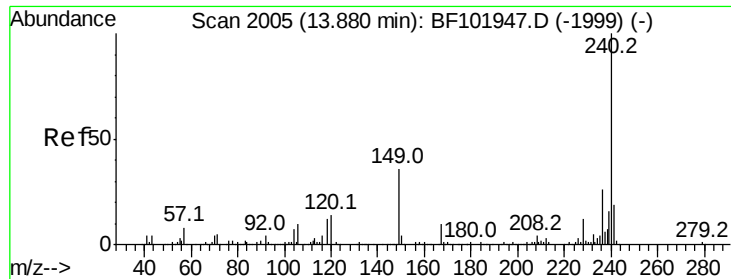
Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion:	202	Resp:	897652
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

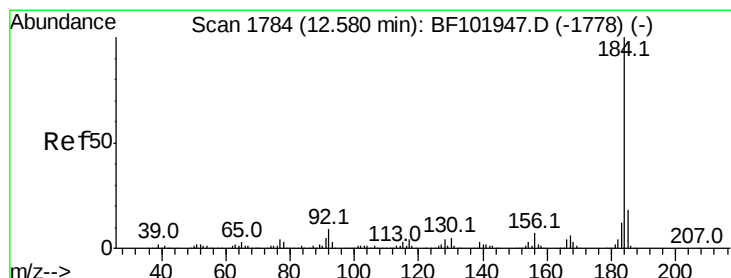
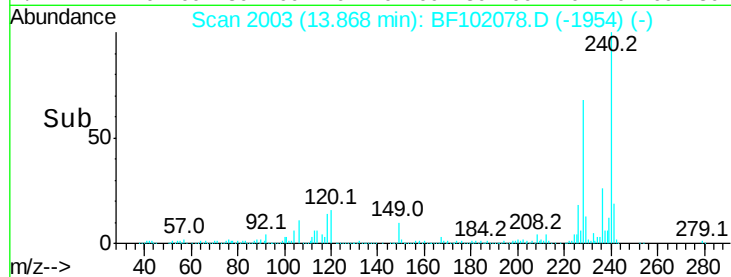
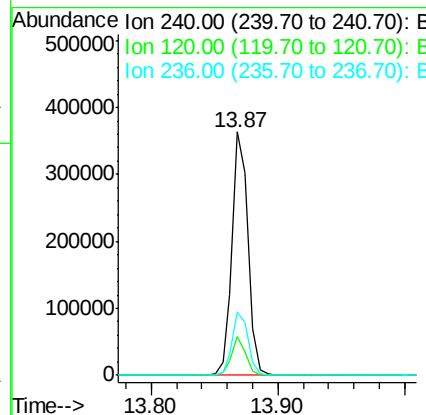
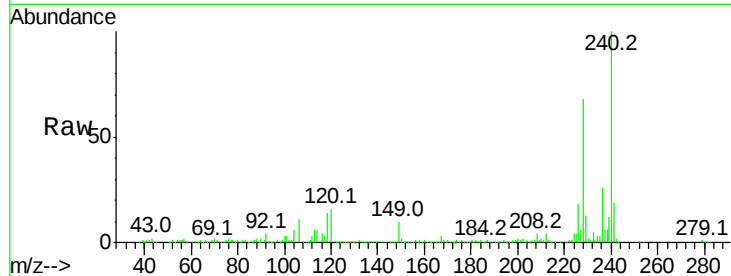
ClientSampled :

PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.7	9.5	14.3	
236	25.9	20.7	31.1	

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#76

Benzidine

Concen: 15.933 ng

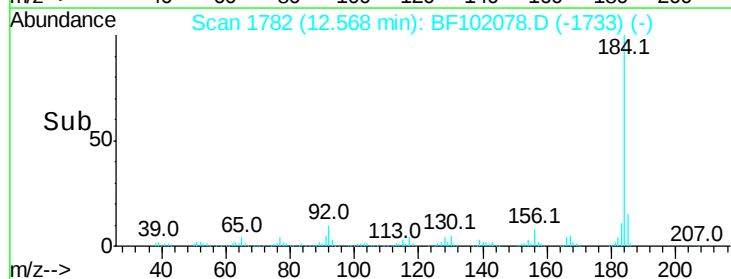
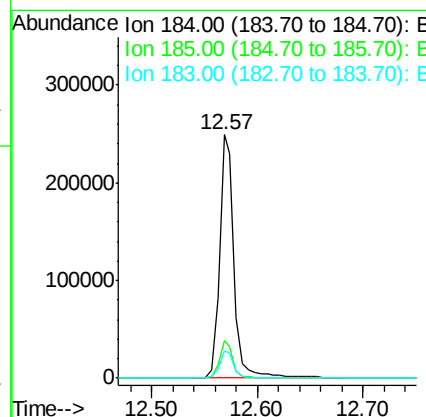
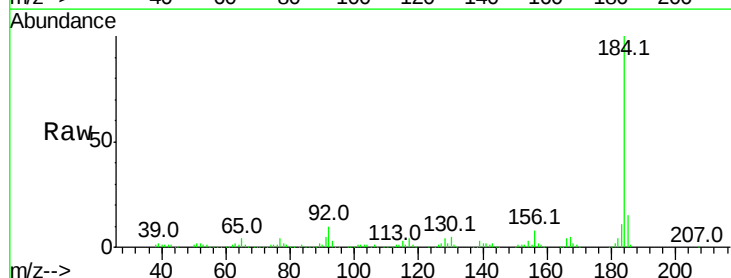
RT: 12.57 min Scan# 1782

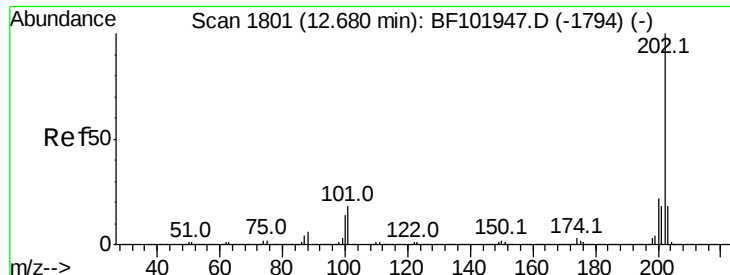
Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.3	12.6	18.8	
183	11.4	9.3	13.9	





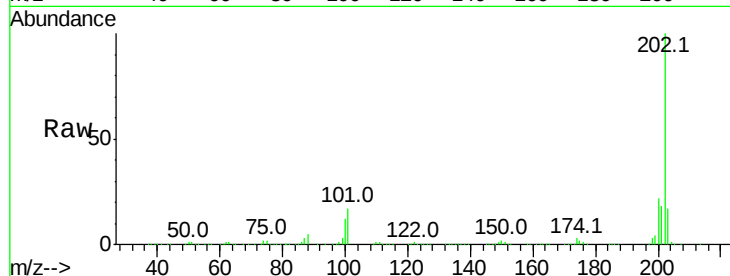
#77
Pvrene
Concen: 32.778 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

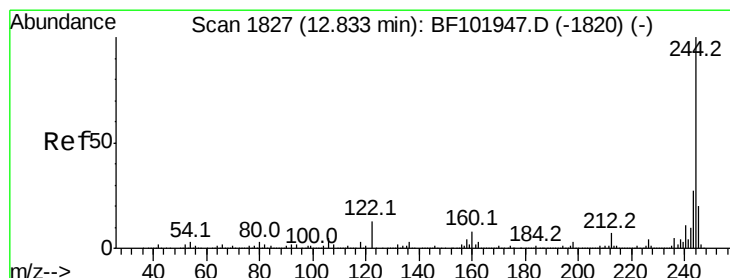
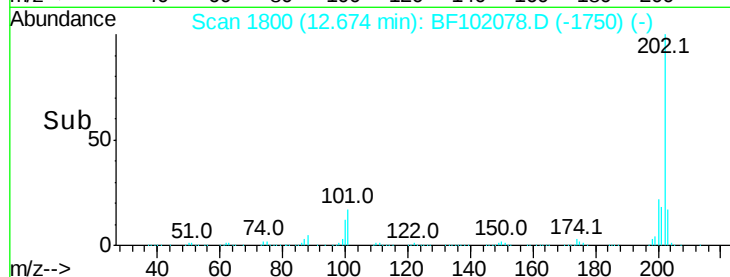
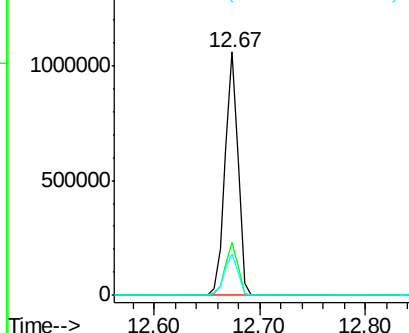
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.1	14.3	21.5

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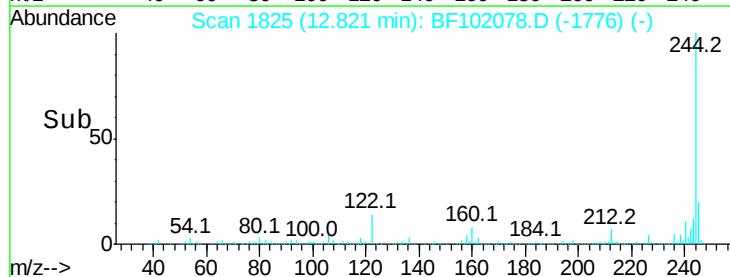
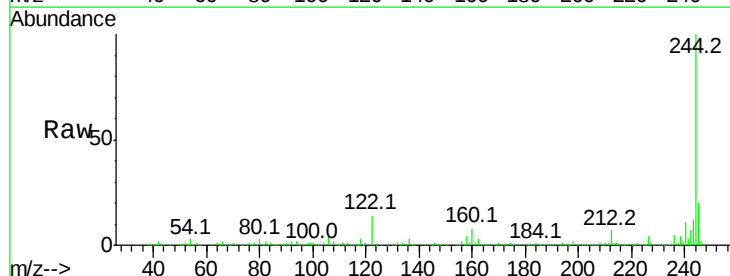
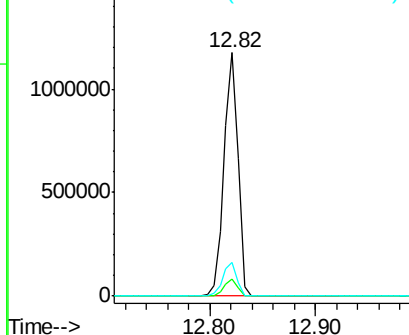
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

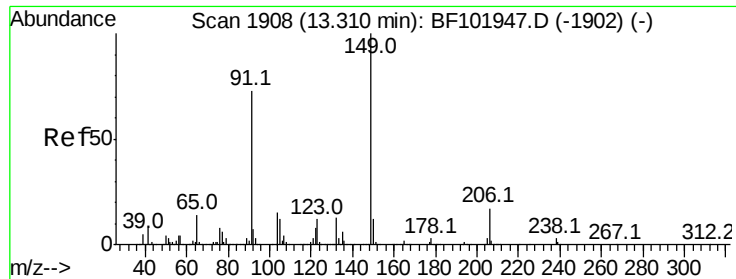


#78
Terphenyl-d14
Concen: 72.158 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.0	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





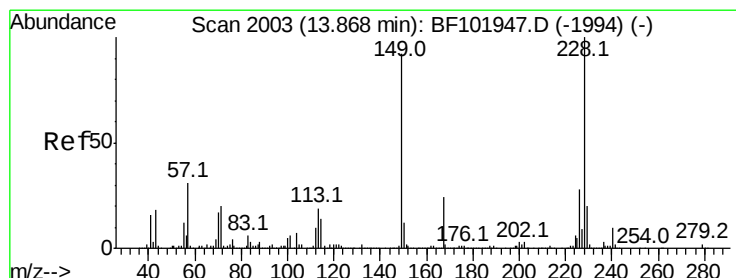
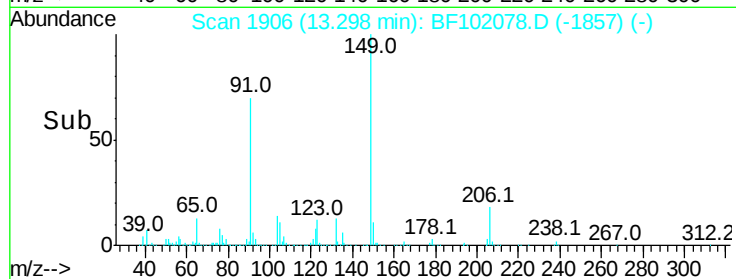
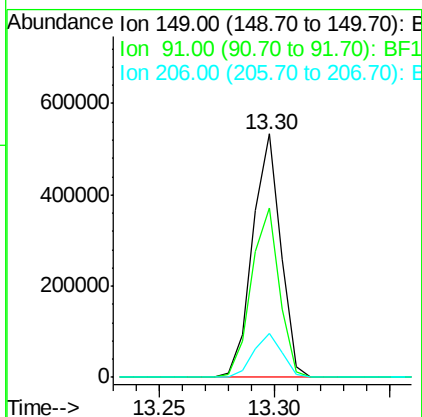
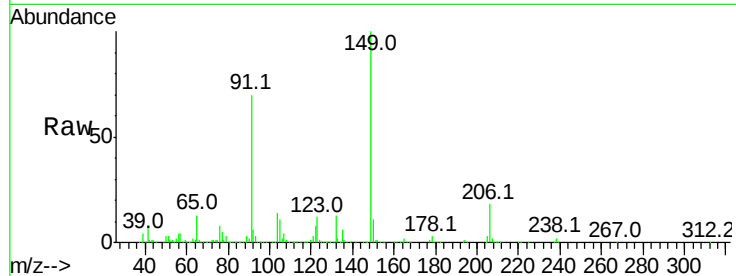
#79
Butylbenzylphthalate
Concen: 35.550 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	454113		
91	69.8	56.8	85.2	
206	18.3	14.1	21.1	

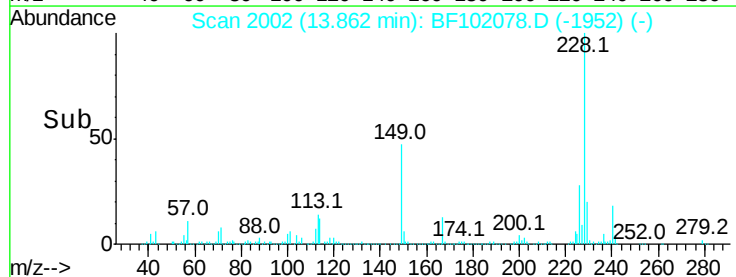
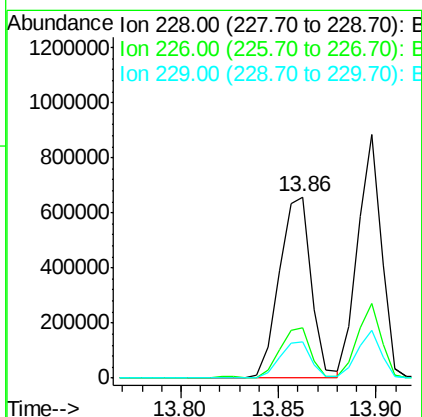
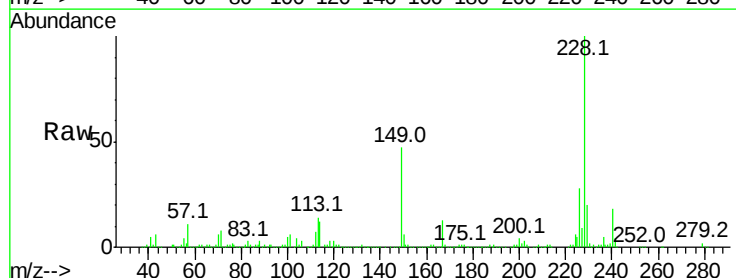
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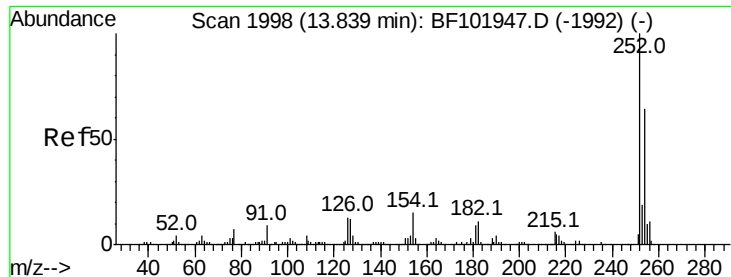
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#80
Benzo(a)anthracene
Concen: 37.005 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	743468		
226	27.8	22.6	33.8	
229	19.9	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 31.933 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Instrument :

BNA_F

ClientSampleId :

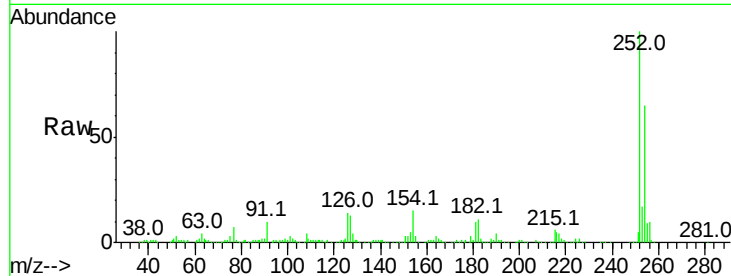
PB105648BS

Tot Ion:	252	Resp:	237548
Ion Ratio	Lower	Upper	
252	100		
254	65.0	50.4	75.6
126	13.5	11.3	16.9

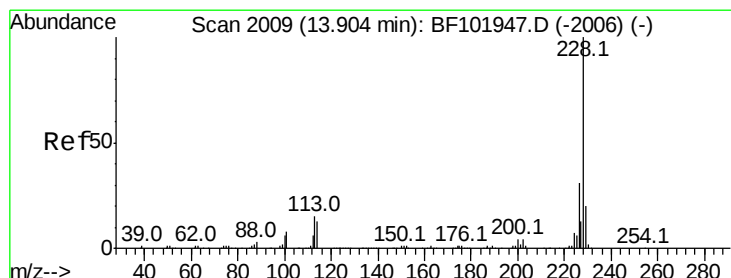
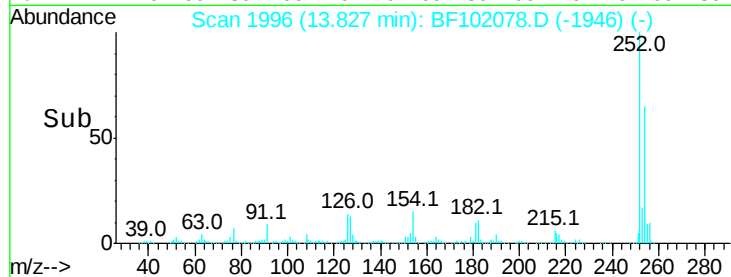
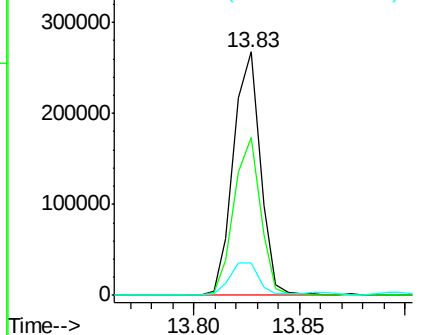
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 35.787 ng

RT: 13.90 min Scan# 2008

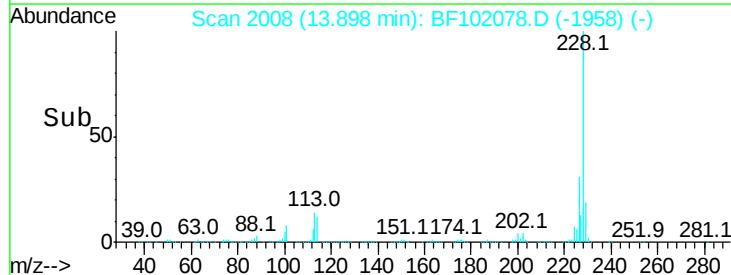
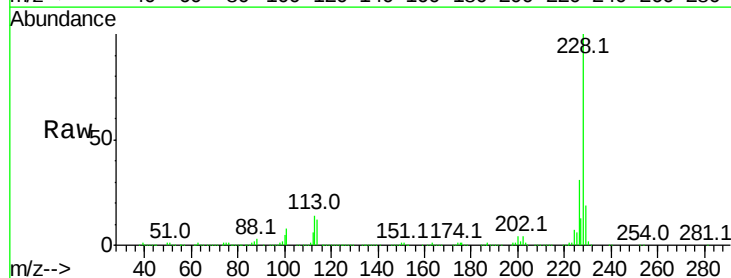
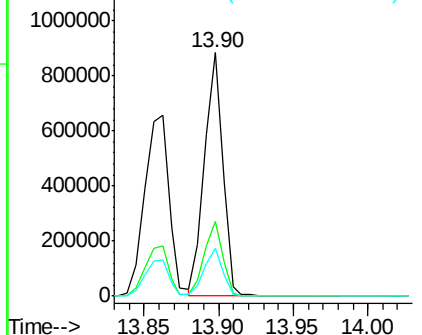
Delta R.T. -0.01 min

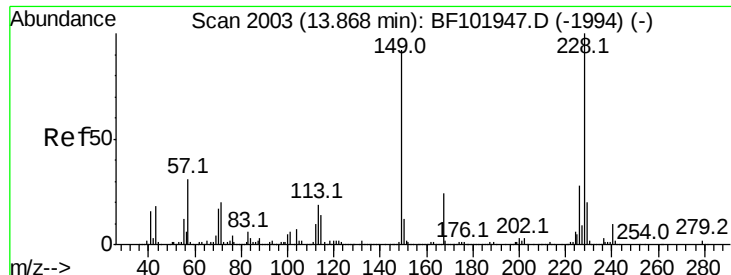
Lab File: BF102078.D

Acq: 15 Jan 2018 22:13

Tgt Ion:	228	Resp:	749717
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	19.4	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





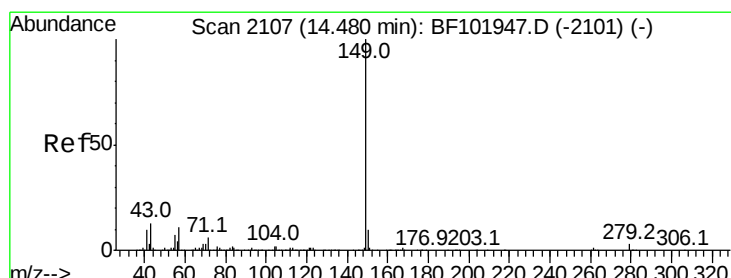
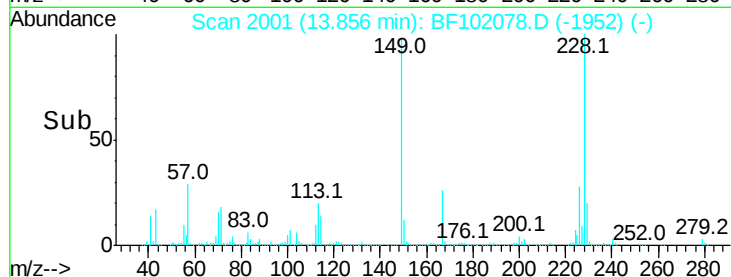
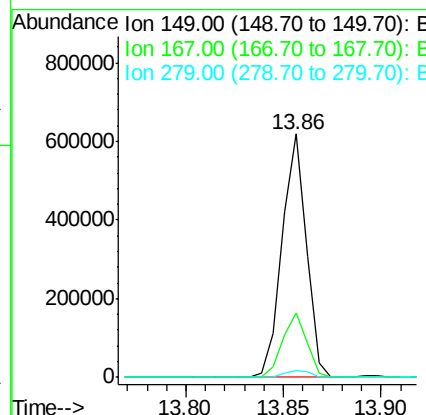
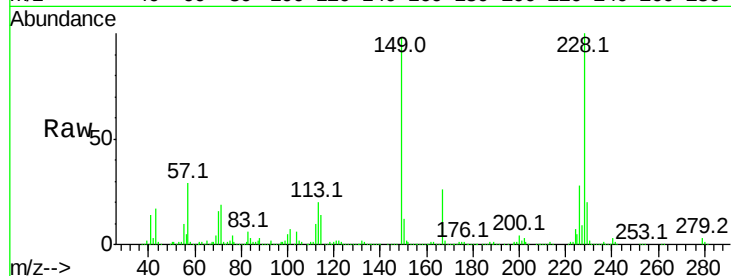
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.394 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.5	21.3	31.9	
279	2.9	3.0	4.4	

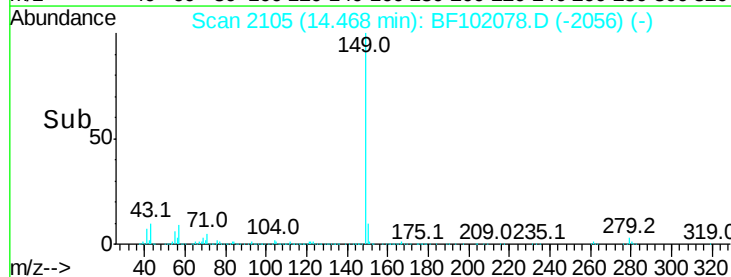
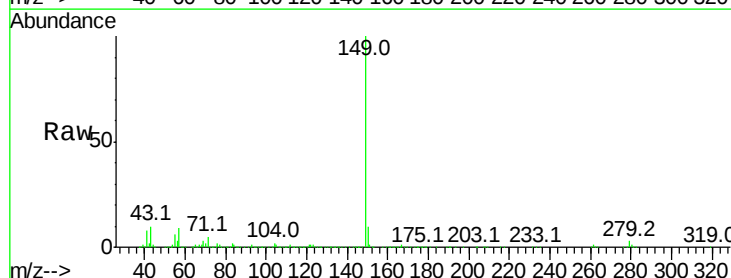
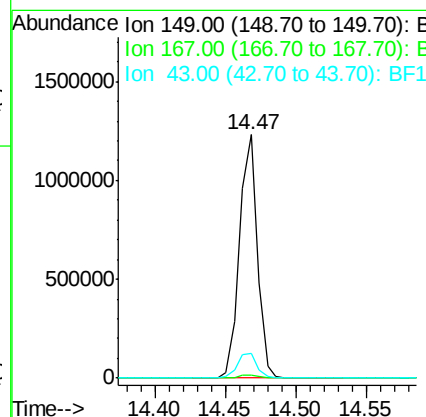
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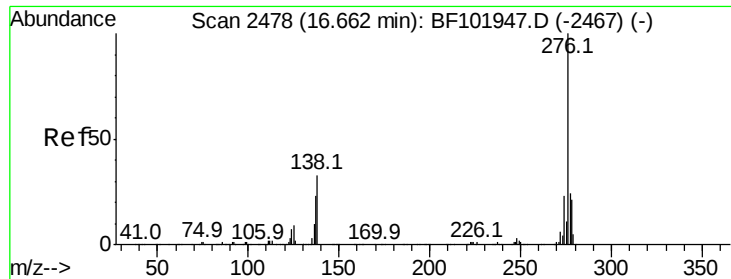
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#84
 Di-n-octyl phthalate
 Concen: 44.395 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.4	1.2	1.8	
43	10.7	8.4	12.6	





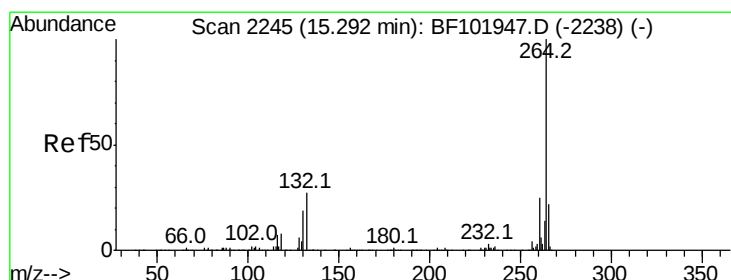
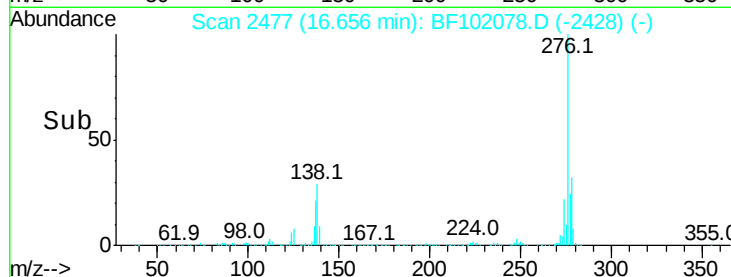
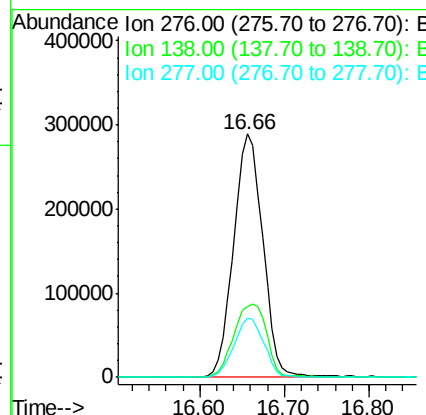
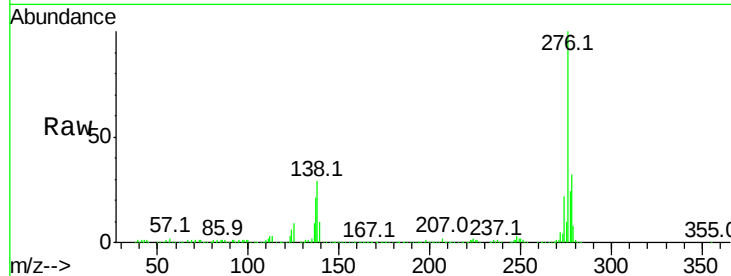
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.277 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.0	37.6
277	25.0	20.1	30.1

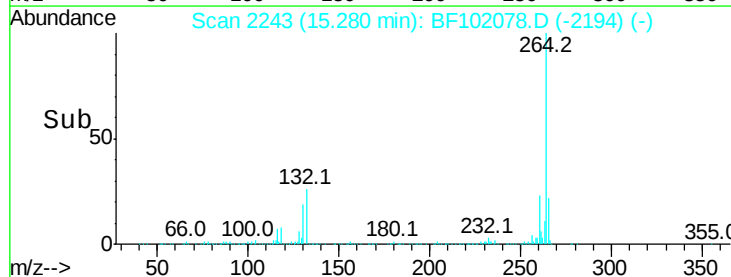
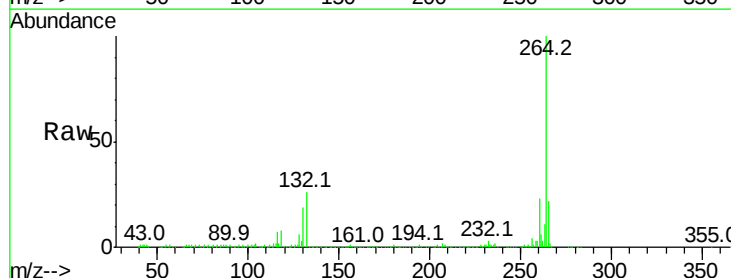
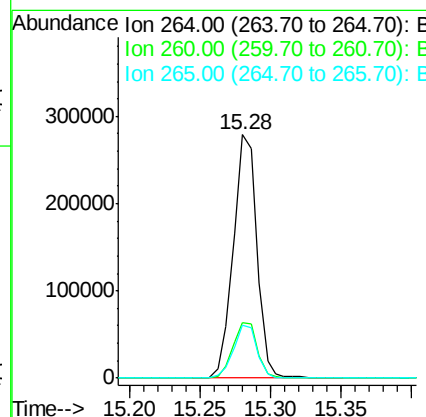
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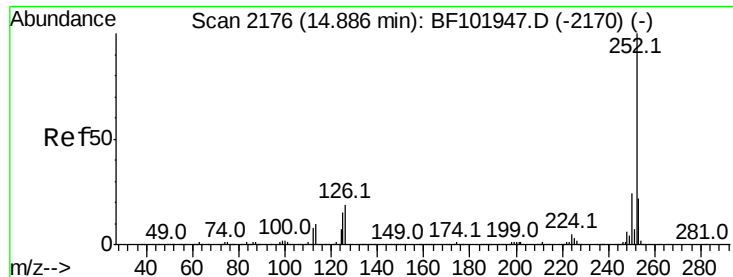
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	17.5	26.3





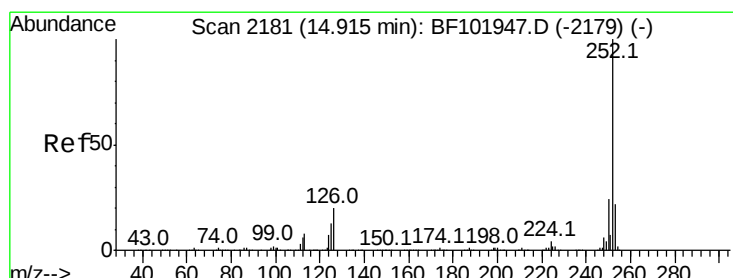
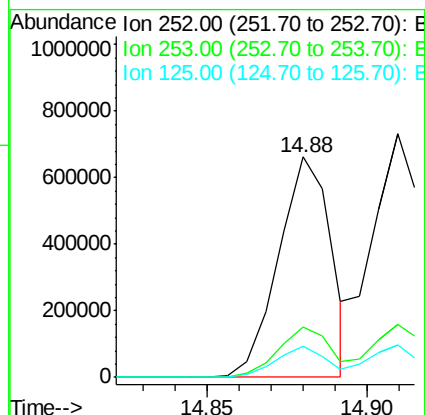
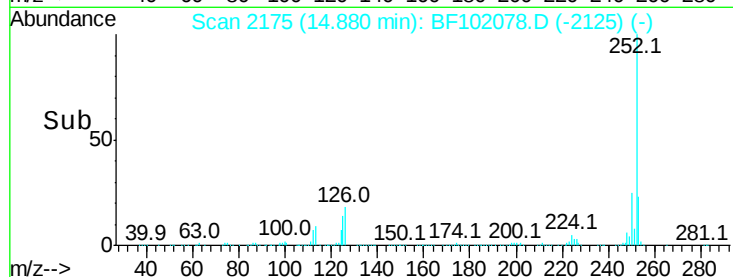
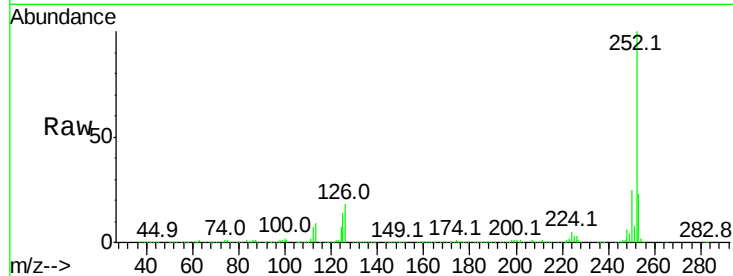
#87
Benzo(b)fluoranthene
Concen: 35.741 ng m
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	13.9	9.0	13.6

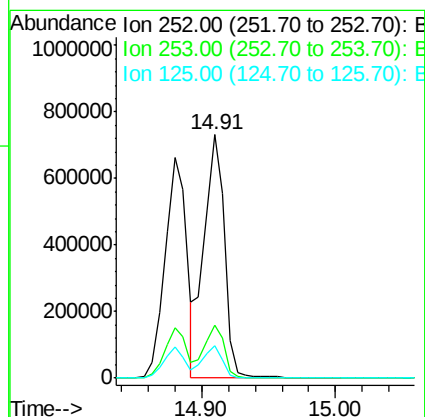
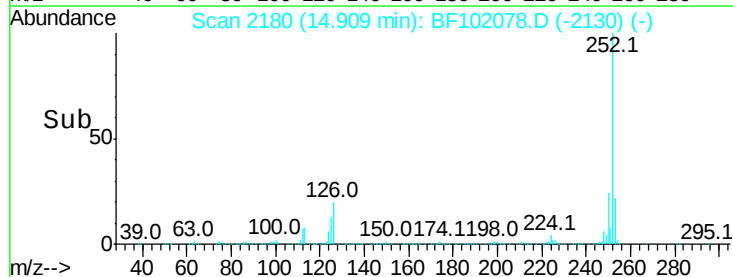
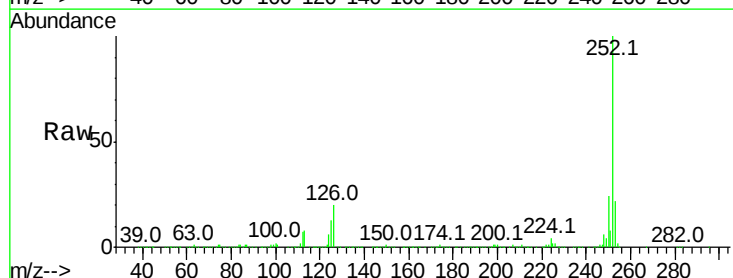
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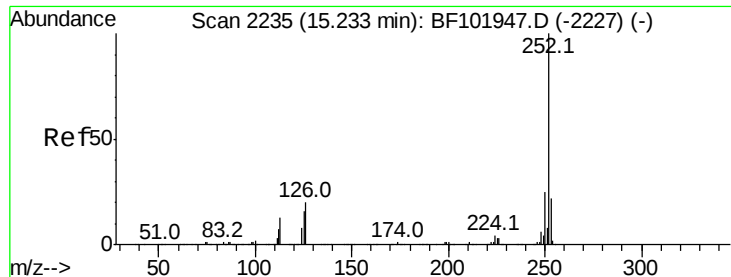
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#88
Benzo(k)fluoranthene
Concen: 37.957 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	13.2	10.2	15.2





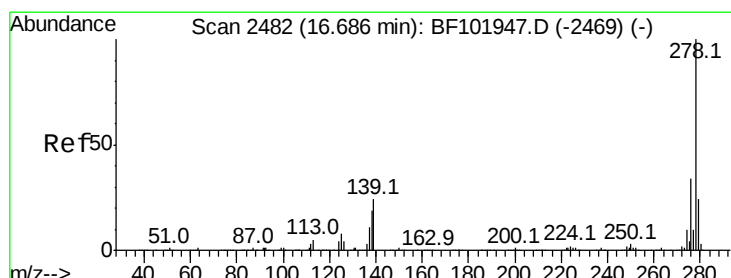
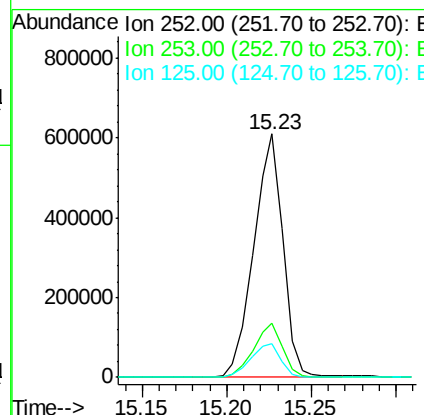
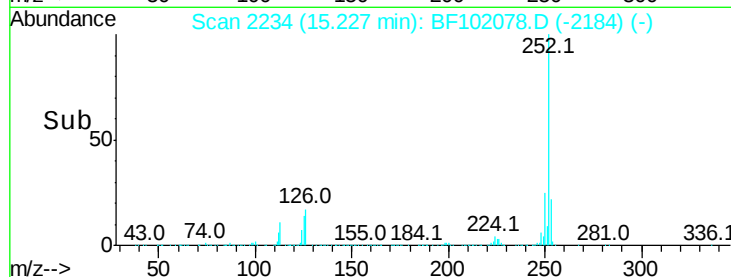
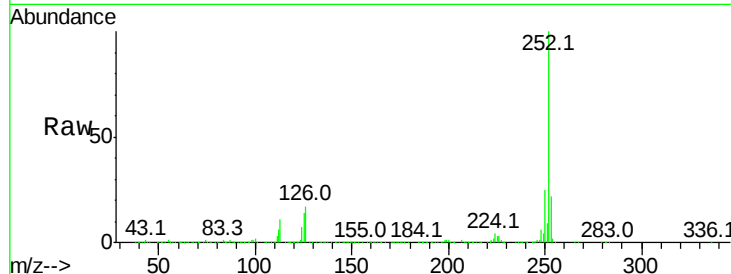
#89
Benzo(a)pyrene
Concen: 38.436 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Instrument :
BNA_F
ClientSampleId :
PB105648BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.7	9.8	14.6

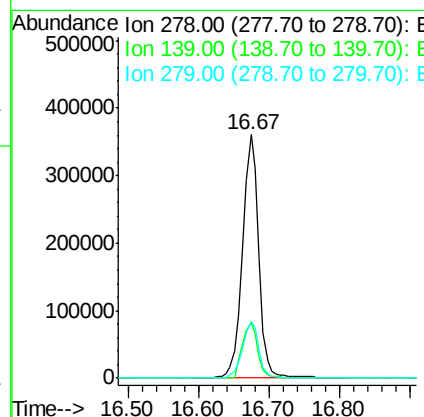
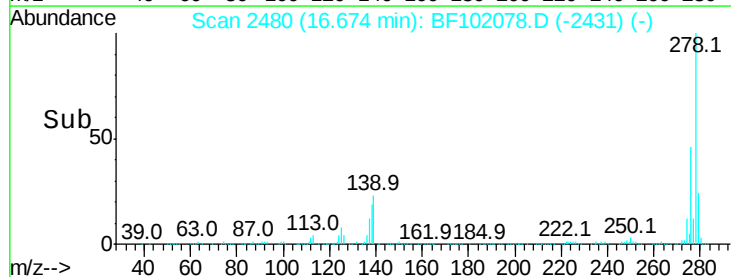
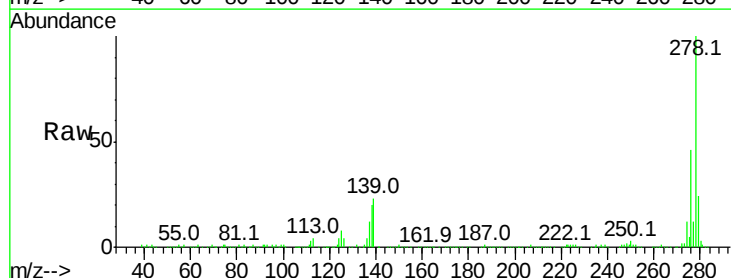
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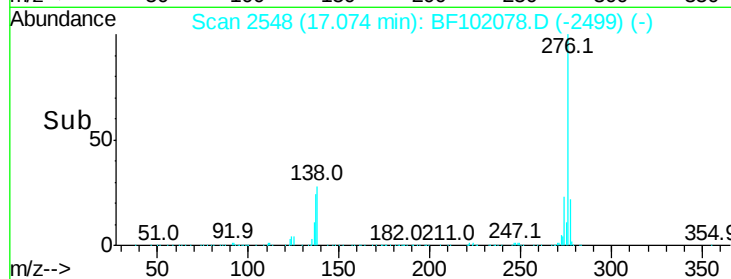
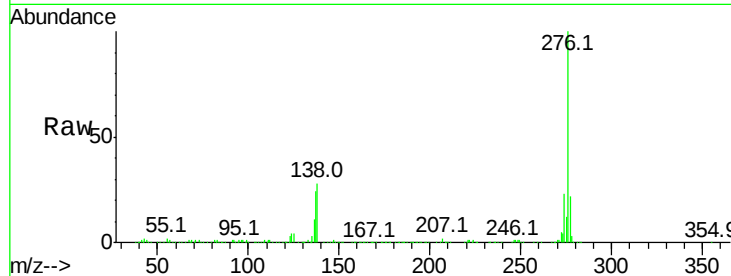
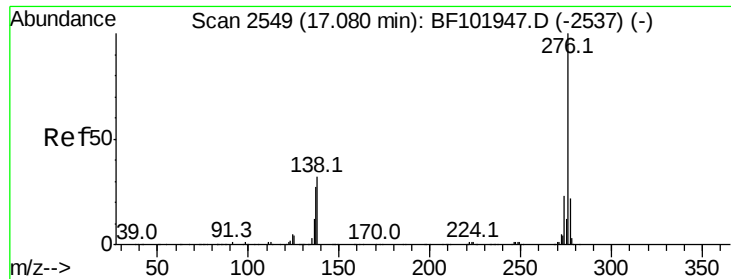
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#90
Dibenzo(a,h)anthracene
Concen: 37.920 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BF102078.D
Acq: 15 Jan 2018 22:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.099 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BF102078.D
 Acq: 15 Jan 2018 22:13

Instrument :
 BNA_F
 ClientSampleId :
 PB105648BS

Tot Ion:	276	Resp:	553211
Ion Ratio	Lower	Upper	
276	100		
277	22.3	17.9	26.9
138	28.0	21.8	32.8

Manual Integrations
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